

GORDIAN[®]

Job Order Contract Construction Task Catalog[®]

CSI Division 01-43 2023

California Polytechnic University, Humboldt



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About the CTC:

- ☑ This Construction Task Catalog® (CTC) was developed and customized by The Gordian Group, Inc. specifically for **California Polytechnic University, Humboldt**, priced locally using current labor, material and equipment costs, and published in September 2023.
- ☑ The Gordian Group, Inc. licenses the use of this CTC and other proprietary information and software for the sole purpose of providing Job Order Contracting services to **California Polytechnic University, Humboldt**. Use of this CTC and other proprietary information and software for any other purpose, or for any other entity, is expressly prohibited without the express written consent of The Gordian Group, Inc.

MasterFormat™

- ☑ The Tasks in this CTC are organized using CSI's *MasterFormat*.



The Unit Prices Include:

LABOR COSTS:

- ☑ Labor costs include direct labor through the working foreperson level at straight-time prevailing wage rates including fringe benefits and an allowance for Social Security, Medicare taxes, worker's compensation, unemployment insurance, and employee benefits.
- ☑ Labor costs include unloading equipment, materials, and tools, and transporting the same up or down 2 stories and 125' to reach the project site; layout; measuring and cutting to fit; performing the Task;

disposal of excess material; and time for lunch and breaks.

EQUIPMENT COSTS:

- ☑ Equipment costs include all equipment required to accomplish the Task.
- ☑ Mobilization is included for all equipment except large equipment (e.g. cranes, bulldozers, excavators, backhoes, bobcats etc.), which exclude mobilization.
- ☑ Equipment costs include all operating expenses such as fuel, electricity, lubricants, etc.

MATERIAL COSTS:

- ☑ Material costs include the cost of the material, delivery, and all incidentals and accessories integral to the installation.
- ☑ Material costs include manufacturer's and/or fabricator's shop drawings.
- ☑ Material costs for roofing, drywall, VCT, carpet, wall covering, ceiling tile, pipe, conduit, concrete, etc. include an allowance for waste. This list is not intended to be all inclusive, but descriptive of the types of construction materials that are typically sold in standard lengths, sizes and weights.
- ☑ Material costs for imported materials (e.g. aggregate, sand, soil, etc.) include delivery up to 15 miles from the closest approved source.

The Adjustment Factors Include:

The Adjustment Factors include the following costs, unless specifically excluded by the terms of the Contract Documents:

BUSINESS COSTS:

- ☑ Office overhead, including, but not limited to, office space, office equipment, office and management personnel, office supplies, and employee transportation.

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- Insurance and bonding.
- Profit.
- Job Order development services, Owner meetings, and other administrative services required by the Contract Documents.
- Subcontractor's overhead and profit.
- Cost of financing the work.
- Business risks such as the risk of a lower than expected volume of work, smaller than anticipated Job Orders, poor Subcontractor performance, and inflation or material cost fluctuations.

PROJECT RELATED COSTS:

- Project trailer, equipment and supplies, portable toilets, and hand wash stations for Contractor's use.
- Project management and project supervision.
- Services required to complete project filings and obtain permits.
- Preparation and modification of sketches, drawings, submittals, as-built drawings, project photographs and other project records.
- Incidental engineering and architectural services.
- Gang boxes and storage containers for Contractor's tools, equipment and materials.
- Basic safety and warning signage, minor barricades (e.g., construction tape, etc.) and personnel safety equipment (e.g., hard hats, safety harnesses with lifeline or cabling, protective clothing, safety glasses, face shields, etc.).
- Meeting Owner's security requirements.
- All taxes for which a waiver is not available including material sales tax and equipment rental.
- Removing and returning Owner's furniture and furnishings (e.g. chairs, tables, pictures, etc. but excluding modular furniture, furnishings fastened to the wall or floor, safes and other furniture requiring disassembly).
- Sealing windows, doors and other openings with plastic to contain construction dust and debris within the work area, or to protect existing surfaces.

- Working in extreme temperatures (below or above normal) or adverse conditions such as rain, wind, sleet or snow.
- Costs resulting from inadequate supply of building materials, fuel, electricity, or skilled labor.
- Daily clean-up.
- Final professional clean-up.

PRICE VARIATIONS:

- Contractors may experience direct costs that are different than the unit prices set forth in the CTC. While diligent effort was made to provide accurate, unit prices, it is the Contractor's responsibility to review and analyze the unit prices, and to calculate, prior to bidding, the Adjustment Factors accordingly.

SUMMARY:

- This list is not exhaustive and is intended to provide general examples of costs to be included in the Contractor's Adjustment Factors.
- The only compensation to be paid to the Contractor for Tasks will be:

Unit Price	X	Quantity	X	Adjustment Factor
------------	---	----------	---	----------------------
- No additional payments of any kind whatsoever will be made.
- All costs in excess of the unit prices, must be included in the Adjustment Factors.

General Rules:

- Unit prices are for complete and in-place construction and include all labor, equipment and material required to complete the Task as described in the CTC.
- All labor, material, equipment, spare parts, and documents required by a Technical Specification

shall be considered included in the unit price, unless the Task description states otherwise.

- ☑ If the Contractor uses a crane or other lifting equipment (except a truck mounted boom lift or other equipment as part of the delivery process) to lift material onto a roof, even if that roof is less than 2 stories, the Contractor will be paid for such crane or lifting equipment as a separate Task.
- ☑ Unit prices include all fasteners such as anchor bolts, lag bolts, screws, adhesive, wedge anchors, expansion bolts, roofing clips (excluding hurricane clips) required. Fasteners listed separately in the CTC are for use with Owner furnished material and equipment or for relocating or reinstalling existing material and equipment.
- ☑ Unit prices exclude more substantial mounting material such as threaded rod or angle iron unless the Task description states otherwise.
- ☑ Unit prices for doors and windows, duct work, plumbing fixtures, seamless floors, countertops, roof flashing, pitch pockets, skylights, roof curbs, exterior trim, etc. include sealant and caulking.
- ☑ Unit prices include testing, calibrating, balancing, start-up services and the like required to ensure proper installation, construction and performance of the work (e.g. compaction test for backfill, balancing of heating ventilation and air conditioning, pneumatic or hydrostatic testing, soaping of joints, disinfection and flushing of water lines, etc.). Contractor may be paid for testing, calibrating, balancing, start-up services and the like for Owner supplied materials and equipment, or when working on or tying into existing materials and equipment.
- ☑ For the purpose of calculating the quantity of a Task, quantities are calculated on a per project basis. The quantity so determined shall be used for the Task and all appropriate modifiers, unless the Task states otherwise.
- ☑ Whenever there are alternative Tasks that may be selected to complete work, the Contractor shall select the most practical and economical Tasks available (e.g. rental of equipment by weeks or months rather than days, or painting by roller or spray rather than brush).

DEMOLITION:

- ☑ Unit prices for demolition include all labor, equipment and material required for the complete removal of the items; clean-up of the area; and transporting the demolished items up or down 2 stories into a truck, dumpster, or to an Owner designated area, located within 125' of the project site.
- ☑ Unit prices for demolition exclude costs for hauling (See 01741900), dump fees (See 01741900), dumpsters (See 01741900), and trash chutes (See 01741900).
- ☑ If the item being demolished is attached to another item being removed and can be removed as one item, then that item shall not be priced as a separate demolition Task, unless the component must be demolished separately to accomplish the work (e.g. demolition of pipe includes pipe fittings unless the fitting must be demolished separately to accomplish the work; demolition of a wood door includes hinges, hardware, closures, kick plates, etc.).
- ☑ The word "replace" includes removal of the existing item and installation of the new item.
- ☑ The words "remove and relocate" or "remove and reinstall" include removal, cleaning, and installation of the existing item in either the same location or another location.
- ☑ Salvageable materials are the property of the Owner and shall, if directed, be turned over to the Owner.

WORKING HEIGHT:

- ☑ Typical working height for work other than masonry is up to 14' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for work below 14'.
- ☑ Typical working height for masonry work is up to 4' above the finished floor or stationary working surface. The Contractor will not be paid for scaffolding, lifts, or similar equipment for masonry work below 4'.

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FIELD ENGINEERING:

- ☑ Surveying Tasks shall be used only when the Owner requests the Contractor to perform topographic surveys, property line surveys or to establish horizontal and vertical control points. If the Owner provides horizontal and vertical control points within or adjacent to the project site, all other surveying required to complete the work shall be considered construction staking or layout, and the cost thereof is included in the appropriate Tasks.

ASSEMBLIES:

- ☑ Assembly Tasks take precedence over individual component Tasks.

RESTRICTED AND CONFINED SPACES:

- ☑ Restricted Working Space is defined as any area with less than 3' vertical or horizontal clearance and includes areas such as crawl spaces, ceiling plenums where the grid is not removed, narrow piping tunnels, and equipment rooms where the space to install the new work is congested as a result of equipment and piping placement that meet these dimensional restrictions. A Restricted Working Space modifier is available for certain mechanical piping and piping accessories Tasks and for certain electrical conduit and conduit accessories Tasks. Only those Tasks with a modifier for Restricted Working Space are eligible for a price adjustment, and then only if the modifier applies to the contemplated Tasks. A Non-Prepriced Task will not be allowed because of Restricted Working Space for any Task.
- ☑ The Code of Federal Regulations (29 CFR part 1926, Subpart AA) define confined spaces and permit-required confined spaces for construction and set forth requirements, procedures and safety precautions for working in such spaces. If the Contractor must work in a confined space or a permit-required confined space and must provide ventilation equipment, air monitoring equipment and services, entry attendants, entry supervisors, site-specific training for workers, or other equipment and

services required by the regulations, then the Contractor shall be paid for such equipment, services and training. Those costs shall not be included in the Adjustment Factors.

Or Equals:

- ☑ Whenever material, products, or equipment is identified in the CTC, or in the Technical Specifications, by reference to a manufacturer's name, make or model number, the identification is intended to establish a standard. Any material, product, or equipment of another manufacturer may be considered an or-equal provided that, in the opinion of the Owner, the material, product, or equipment so proposed is of equal quality, substance and function to the named item. The Contractor shall not install any proposed material, product, or equipment without the prior written approval of the Owner. The burden of proof, and all costs related thereto, concerning whether the proposed material, product, or equipment is an or-equal, shall be borne by the Contractor.

Useful Information:

UNIT OF MEASURE DEFINITIONS:

ACR – Acre, **BAG** – Bag, **BBL** – Barrel, **BCY** - Bank (In-place) Cubic Yards, **BF** - Board Foot, **BOX** - Box (each), **BTU** - British Thermal Unit, **C** - One Hundred, **CCF** - One Hundred Cubic Feet, **CCY** - Compacted Cubic Yards, **CF** - Cubic Foot, **CFM** - Cubic Feet Per Minute, **CI** – Cubic Inch, **CLF** - One Hundred Linear Feet, **CSF** - One Hundred Square Feet, **CSY** - Hundred Square Yards, **CWT** - Hundred Weight, **CY** - Cubic Yard, **CYM** - Cubic Yard Mile, **DAY** – Day, **DRM** - Drum (each), **EA** – Each, **FLR** - Floor (Per Floor), **FT** – Foot, **GAL** – Gallon, **GSF** - Ground Square Foot or Gross Square Foot, **HR** – Hour, **HWT** - Hundred Carton Weight, **HYR** – Half Year, **IN** – Inch, **JOB** – Job, **LAN** – Lane, **LB** – Pound, **LCY** - Loose (Excavated) Cubic

2023

Yards, **LF** - Linear Foot, **LFD** - Linear Feet Per Day, **LIT** - Liter, **LOT** - Lot, **MBF** - One Thousand Board Feet, **MBH** - One Thousand British Thermal Units, **MCF** - One Thousand Cubic Feet, **MF3** - One Thousand Cubic Feet Per Minute, **MGL** - One Thousand Gallons, **MI** - Mile, **MLF** - One Thousand Linear Feet, **MO** - Month, **MSF** - One Thousand Square Feet, **MSY** - One Thousand Square Yards, **MT** - Metric Ton, **MTK** - Metric Ton Kilometer, **M2** - Square Meter, **M3K** - Cubic Meter Kilometer, **NTE** - Note, **OPN** - Opening, **OUT** - Outlet or Output (each), **OZ** - Ounce, **PKG** - Package, **PNT** - Point, **PR** - Pair, **QT** - Quart, **ROL** - Roll (each), **ROM** - Room, **ROW** - Row, **RSR** - Riser (Per Rise), **SEA** - Seat, **SET** - Set, **SF** - Square Foot, **SHT** - Sheet, **SI** - Square Inch, **STP** - Stop (each), **SQ** - Square or One Hundred Square Feet, **SY** - Square Yard, **SYI** - Inches per Square Yard, **TNM** - Tons per Mile, **TON** - Ton, **TRK** - Truck Load, **UI** - United Inch, **UNT** - Unit, **VLF** - Vertical Linear Foot, **WK** - Week, **YD** - Yard, **YR** - Year

MATERIAL WEIGHTS:

EARTHEN MATERIAL

- The following engineering values for establishing shrink/swell factors shall be used unless otherwise directed by the Owner.

Material	Material Weight (Lbs Per CY)		
	In-place (Bank)	Loose (Excavated Materials)	Compacted
Earth, Common (Average)	3170	2536	3520
Sand	2880	2590	3240
Earth, Rock Mix. (75% E/ 25% R)	3380	2370	3720
Earth, Rock Mix. (50% E/50% R)	3750	2710	4000
Earth, Rock Mix. (25% E/ 75% R)	4120	3140	3680
Gravel (Average)	3280	2730	3570
Limestone	4380	2690	3220
Riprap Rock (Average)	4500	2610	3150
Granite	4540	2640	3170

Basalt	4950	3020	3640
Clay	3220	2150	3570
Gneiss	4550	2720	3180

BULK FACTORS FOR DEMOLITION:

- The following bulk factors shall be used to calculate the volume of demolished material to be transported from the project site.

- **Asphalt** = 1.25
- **Concrete** = 1.40

CONVERSIONS:

1 Acre = 43,560 Square Feet = 4046.8 Square Meters

1 Board Foot = 12" x 12" x 1" = 144 Cubic Inches

1 Centimeter = 0.3937 Inches = 0.0328 Feet

1 Cubic Foot = 0.03704 Cubic Yards = 0.02832 Cubic Meters

1 Cubic Meter = 1.3080 Cubic Yards = 35.3147 Cubic Feet

1 Cubic Yard = 27 Cubic Feet = 0.7646 Cubic Meters

1 Foot = 12 Inches = 0.3048 Meters

1 Inch = 2.54 Centimeters = 0.0254 Meters

1 Kilogram = 2.2046 Pounds

1 Kilometer = 0.6214 Miles = 3280 Feet

1 Meter = 100 Centimeters = 3.2808 Feet

1 Mile = 5280 Feet = 1.6093 Kilometers

1 Pound = 0.4536 Kilograms

1 Square Foot = 144 Square Inches = .0929 Square Meters

1 Square Meter = 1.1960 Square Yards = 10.7639 Square Feet

1 Square Yard = 9 Square Feet = 0.8361 Square Meters

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1 Ton = 2000 Pounds = 907.185 Kilograms

1 Yard = 3 Feet = 0.9144 Meters

TRADEMARKS

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Sheet Metal Thickness (inches)				
Gage No.	Steel Sheet	Galvanized Steel Sheet	Stainless Steel Sheet	Aluminum Sheet
10	.135	.138	.141	
11	.120	.123	.125	
12	.105	.108	.109	
13	.090	.093	.094	.072
14	.075	.079	.078	.064
15	.067	.071	.070	.057
16	.060	.064	.063	.051
17	.054	.058	.056	.045
18	.048	.052	.050	.040
19	.042	.046	.044	.036
20	.036	.040	.038	.032
21	.033	.037	.034	.028
22	.030	.034	.031	.025
23	.027	.031	.028	.023
24	.024	.028	.025	.020
25	.021	.025	.022	.018
26	.018	.022	.019	.017

STANDARD GEOMETRY:

Circle

- Circumference = $2 \pi \text{ radius} = \pi \text{ diameter}$
- Area = $\pi \text{ radius}^2 = \pi (\text{diameter}^2 / 4)$

Cylinder

- Volume = $(\pi \text{ radius}^2) \text{ height}$
- Surface Area = $2 \pi \text{ radius}^2 + (2 \pi \text{ radius}) \text{ height}$

Sphere

- Volume = $(4 \pi \text{ radius}^3) / 3$
- Surface Area = $4 \pi \text{ radius}^2$

$\pi = 3.14159$

United Inch

- The industry standard for measuring windows is the United Inch or UI. The UI is determined by adding the width and the height in inches.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
------------------------------	---------------------------	-------------------------

01 General Requirements

01 10 Summary ⁽⁰¹⁾

01 11 Summary Of Work ^(01 10)

01 11 13 Work Covered by Contract Documents ^(01 11)

Note: For specification publishing. Review specifications for requirements.

01 11 13 00-0001	NTE Work Covered by Contract Documents	0.00
------------------	--	------

Note: For specification publishing. Review specifications for requirements.

01 20 Price and Payment Procedures ⁽⁰¹⁾

01 22 Unit Prices ^(01 20)

01 22 16 Unit Price Payment ^(01 22)

01 22 16 00-0001 Reimbursable Fees ^(01 22 16)

Note: Reimbursable fees include but are not limited to permits, special inspections, special insurance, additional warranties, tolls, expedited shipping costs, etc, which are not included in a task or an Adjustment Factor as explained in the Contract or The Construction Task Catalog®.

01 22 16 00-0002	EA Reimbursable Fees	1.00
------------------	----------------------------	------

Note: Reimbursable Fees will be paid to the contractor for eligible costs as directed by Owner. Insert the appropriate quantity to adjust the base cost to the actual Reimbursable Fee. If there are multiple Reimbursable Fees, list each one separately and add a comment in the "note" block to identify the Reimbursable Fee (e.g. sidewalk closure, road cut, various permits, extended warranty, expedited shipping costs, etc.). A copy of each receipt, invoice, or proof of payment shall be submitted with the Price Proposal.

01 22 16 00-0003 Negotiated Travel Costs ^(01 22 16)

Note: To be used only at the request of authorized personal for non-commuting travel costs.

01 22 16 00-0004	EA Negotiated Travel Costs	1.00
------------------	----------------------------------	------

Note: Supporting documentation must be included with each Work Order.

01 22 20 Wage Rates ^(01 22)

01 22 20 00-0001 Local Labor/Wage Rates ^(01 22 20)

Note: Welders receive the rate prescribed for the craft performing the operation to which the welding is incidental.

01 22 20 00-0002	HR Asbestos Removal Worker	83.99
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	4.20
	For Apprentice, Deduct	-16.80
01 22 20 00-0003	HR Insulator	114.67
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	5.73
	For Apprentice, Deduct	-22.93
01 22 20 00-0004	HR Boilermaker	100.04
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	5.00
	For Apprentice, Deduct	-20.01
01 22 20 00-0005	HR Brick Layer	107.11
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	5.36
	For Apprentice, Deduct	-21.42
01 22 20 00-0006	HR Carpenter	113.04
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	5.65
	For Apprentice, Deduct	-22.61
01 22 20 00-0007	HR Carpet, Linoleum	67.05
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	3.35
	For Apprentice, Deduct	-13.41
01 22 20 00-0008	HR Cement Mason	86.59
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	4.33
	For Apprentice, Deduct	-17.32
01 22 20 00-0009	HR Drywall Finisher	111.96
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	5.60
	For Apprentice, Deduct	-22.39
01 22 20 00-0010	HR Electrician	107.86
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	5.39
	For Apprentice, Deduct	-21.57
01 22 20 00-0011	HR Equipment Operator, Heavy (Crane)	115.87
	Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.	
	For Foreperson, Add	5.79
	For Apprentice, Deduct	-23.17

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0012	HR		Equipment Operator, Medium (Bulldozer).....	113.04	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.65	
			<i>For Apprentice, Deduct</i>	-22.61	
01 22 20 00-0013	HR		Equipment Operator, Light (Backhoe, Skid-Steer Loader).....	107.70	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.39	
			<i>For Apprentice, Deduct</i>	-21.54	
01 22 20 00-0014	HR		Glazier.....	96.74	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	4.84	
			<i>For Apprentice, Deduct</i>	-19.35	
01 22 20 00-0015	HR		Laborer.....	81.58	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	4.08	
			<i>For Apprentice, Deduct</i>	-16.32	
01 22 20 00-0016	HR		Lather.....	107.67	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.38	
			<i>For Apprentice, Deduct</i>	-21.53	
01 22 20 00-0017	HR		Marble Setter.....	116.63	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.83	
			<i>For Apprentice, Deduct</i>	-23.33	
01 22 20 00-0018	HR		Millwright.....	109.94	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.50	
			<i>For Apprentice, Deduct</i>	-21.99	
01 22 20 00-0019	HR		Mold Removal Worker.....	85.39	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	4.27	
			<i>For Apprentice, Deduct</i>	-17.08	
01 22 20 00-0020	HR		Painter, Ordinary.....	78.76	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	3.94	
			<i>For Apprentice, Deduct</i>	-15.75	
01 22 20 00-0021	HR		Painter, Structural Steel.....	82.07	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	4.10	
			<i>For Apprentice, Deduct</i>	-16.41	
01 22 20 00-0022	HR		Paperhanger.....	78.76	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	3.94	
			<i>For Apprentice, Deduct</i>	-15.75	
01 22 20 00-0023	HR		Pile Drivers.....	125.26	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	6.26	
			<i>For Apprentice, Deduct</i>	-25.05	
01 22 20 00-0024	HR		Plasterer.....	105.65	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.28	
			<i>For Apprentice, Deduct</i>	-21.13	
01 22 20 00-0025	HR		Plumber.....	105.78	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.29	
			<i>For Apprentice, Deduct</i>	-21.16	
01 22 20 00-0026	HR		Powderman.....	85.74	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	4.29	
			<i>For Apprentice, Deduct</i>	-17.15	
01 22 20 00-0027	HR		Rodman (Reinforcing)/Ornamental Steel Worker.....	99.92	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.00	
			<i>For Apprentice, Deduct</i>	-19.98	
01 22 20 00-0028	HR		Roofer, Composite.....	106.45	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.32	
			<i>For Apprentice, Deduct</i>	-21.29	
01 22 20 00-0029	HR		Roofer, Metal.....	78.23	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	3.91	
			<i>For Apprentice, Deduct</i>	-15.65	
01 22 20 00-0030	HR		Roofer, Tile/Slate.....	101.03	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.05	
			<i>For Apprentice, Deduct</i>	-20.21	
01 22 20 00-0031	HR		Sheet Metal Worker.....	151.00	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	7.55	
			<i>For Apprentice, Deduct</i>	-30.20	
01 22 20 00-0032	HR		Sprinkler Installer.....	88.91	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	4.45	
			<i>For Apprentice, Deduct</i>	-17.78	
01 22 20 00-0033	HR		Steam / Pipe Fitter.....	105.78	
			Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
			<i>For Foreperson, Add</i>	5.29	
			<i>For Apprentice, Deduct</i>	-21.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 20 00-0034 HR Stone Mason.....	107.11	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreperson, Add	5.36	
For Apprentice, Deduct	-21.42	
01 22 20 00-0035 HR Structural Steel Worker.....	103.34	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreperson, Add	5.17	
For Apprentice, Deduct	-20.67	
01 22 20 00-0036 HR Tile Layer.....	72.49	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreperson, Add	3.62	
For Apprentice, Deduct	-14.50	
01 22 20 00-0037 HR Terrazzo Worker.....	109.39	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreperson, Add	5.47	
For Apprentice, Deduct	-21.88	
01 22 20 00-0038 HR Truck Driver, Light.....	84.78	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreperson, Add	4.24	
For Apprentice, Deduct	-16.96	
01 22 20 00-0039 HR Truck Driver, Heavy.....	85.64	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreperson, Add	4.28	
For Apprentice, Deduct	-17.13	
01 22 20 00-0040 HR Welder.....	103.34	
Note: For tasks not included in the Construction Task Catalog® and as directed by owner only.		
For Foreperson, Add	5.17	
For Apprentice, Deduct	-20.67	
01 22 20 00-0041 Rates For Services (01 22 20)		
01 22 20 00-0042 HR Watch/Guard Person, Unarmed.....	29.68	
01 22 20 00-0043 HR Watch/Guard Person, Armed.....	38.13	
01 22 20 00-0044 HR Senior Surveyor (Party Chief).....	117.49	
01 22 20 00-0045 HR Surveyor (Instrument person).....	111.14	
01 22 20 00-0046 HR Surveyor (Rod Person).....	106.88	
01 22 20 00-0047 HR On-Site Certified Materials Testing Technician.....	81.55	
01 22 20 00-0048 HR Certified Industrial Hygienist.....	110.00	
01 22 20 00-0049 MI Mileage For Professional Services (Engineering, Surveying, Etcetera).....	0.66	
Note: For use only when the Owner directs the contractor to use personnel whose base of operations is more than 100 miles from the site. Quantity shall be miles that exceed 100.		
01 22 20 00-0050 HR Fire Watch Laborer.....	81.58	
Note: Fire watchers shall be required whenever welding or cutting is performed in locations where other than a minor fire might develop, or any of the following conditions exist: (1) Appreciable combustible material, in building construction or contents, closer than 35 feet (10.7 m) to the point of operation. (2) Appreciable combustibles are more than 35 feet (10.7 m) away but are easily ignited by sparks. (3) Wall or floor openings within a 35-foot (10.7 m) radius expose combustible material in adjacent areas including concealed spaces in walls or floors. (4) Combustible materials are adjacent to the opposite side of metal partitions, walls, ceilings, or roofs and are likely to be ignited by conduction or radiation.		
01 22 20 00-0051 Rates For Project Management Services (01 22 20)		
01 22 20 00-0052 HR Project Manager.....	161.25	
01 22 20 00-0053 Rates For Architectural And Engineering Services (01 22 20)		
Note: For preparation of contract documents, structural and/or design drawings, special investigating requirements or services outside required architectural and engineering services.		
01 22 20 00-0054 HR Principal Architect.....	225.00	
01 22 20 00-0055 HR Senior Architect.....	200.00	
01 22 20 00-0056 HR Architect.....	150.00	
01 22 20 00-0057 HR Principal Engineer.....	222.50	
01 22 20 00-0058 HR Senior Engineer.....	172.50	
01 22 20 00-0059 HR Engineer.....	135.00	
01 22 20 00-0060 HR Draft Person.....	80.00	
01 22 20 00-0061 Rates For Traffic Control (01 22 20)		
01 22 20 00-0062 DAY Pilot Vehicle With Driver.....	998.97	
Note: Includes radio, "Follow Me" sign, "Wait For Pilot Car" signs on barricades where required.		
01 22 20 00-0063 HR Flagperson For Traffic Control.....	81.58	
01 22 20 00-0064 Mobilize Equipment (01 22 20)		
01 22 20 00-0065 HR Escort Vehicle With Driver.....	92.97	
01 22 20 00-0066 HR Transport Vehicle With Driver.....	128.09	
01 22 23 Equipment Usage (01 22)		
Note: Includes fuel costs unless otherwise stated. These tasks shall be used for owned, leased or rented equipment. See CSI section 01 71 13 00-0000 for equipment delivery, pickup, mobilization and demobilization.		
01 22 23 00-0001 Aerial Equipment (01 22 23)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0002			Man Lifts <small>(01 22 23 00-0001)</small> Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0003			Telescoping Boom Man Lifts With Platform <small>(01 22 23 00-0002)</small>		
01 22 23 00-0004			Engine Powered, Telescoping Boom Man Lifts With Platform <small>(01 22 23 00-0003)</small> Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0005	DAY		40' Engine Powered, Telescoping Boom Man Lift With Platform	462.95	
			<i>For Four-Wheel Drive, Add</i>	104.16	
01 22 23 00-0006	WK		40' Engine Powered, Telescoping Boom Man Lift With Platform	1,164.85	
			<i>For Four-Wheel Drive, Add</i>	262.09	
01 22 23 00-0007	MO		40' Engine Powered, Telescoping Boom Man Lift With Platform	2,613.45	
			<i>For Four-Wheel Drive, Add</i>	588.03	
01 22 23 00-0008	DAY		60' Engine Powered, Telescoping Boom Man Lift With Platform	679.50	
			<i>For Four-Wheel Drive, Add</i>	152.89	
01 22 23 00-0009	WK		60' Engine Powered, Telescoping Boom Man Lift With Platform	1,620.34	
			<i>For Four-Wheel Drive, Add</i>	364.58	
01 22 23 00-0010	MO		60' Engine Powered, Telescoping Boom Man Lift With Platform	3,546.82	
			<i>For Four-Wheel Drive, Add</i>	798.03	
01 22 23 00-0011	DAY		80' Engine Powered, Telescoping Boom Man Lift With Platform	1,321.66	
			<i>For Four-Wheel Drive, Add</i>	297.37	
01 22 23 00-0012	WK		80' Engine Powered, Telescoping Boom Man Lift With Platform	3,203.34	
			<i>For Four-Wheel Drive, Add</i>	720.75	
01 22 23 00-0013	MO		80' Engine Powered, Telescoping Boom Man Lift With Platform	6,720.30	
			<i>For Four-Wheel Drive, Add</i>	1,512.07	
01 22 23 00-0014	DAY		110' Engine Powered, Telescoping Boom Man Lift With Platform	1,881.68	
			<i>For Four-Wheel Drive, Add</i>	423.38	
01 22 23 00-0015	WK		110' Engine Powered, Telescoping Boom Man Lift With Platform	4,530.98	
			<i>For Four-Wheel Drive, Add</i>	1,019.47	
01 22 23 00-0016	MO		110' Engine Powered, Telescoping Boom Man Lift With Platform	11,290.10	
			<i>For Four-Wheel Drive, Add</i>	2,540.27	
01 22 23 00-0017	DAY		120' Engine Powered, Telescoping Boom Man Lift With Platform	2,292.37	
			<i>For Four-Wheel Drive, Add</i>	515.78	
01 22 23 00-0018	WK		120' Engine Powered, Telescoping Boom Man Lift With Platform	5,846.66	
			<i>For Four-Wheel Drive, Add</i>	1,315.50	
01 22 23 00-0019	MO		120' Engine Powered, Telescoping Boom Man Lift With Platform	13,291.26	
			<i>For Four-Wheel Drive, Add</i>	2,990.53	
01 22 23 00-0020			Articulating (Up/Over) Boom Man Lifts With Platform <small>(01 22 23 00-0002)</small>		
01 22 23 00-0021			Engine Powered, Articulating (Up/Over) Boom Man Lifts With Platform <small>(01 22 23 00-0020)</small> Note: Diesel or dual fuel (gasoline or liquid propane gas). Four-wheel drive. For use on unpaved or paved surfaces.		
01 22 23 00-0022	DAY		34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	412.50	
01 22 23 00-0023	WK		34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,035.00	
01 22 23 00-0024	MO		34' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,490.00	
01 22 23 00-0025	DAY		45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	525.00	
01 22 23 00-0026	WK		45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,147.50	
01 22 23 00-0027	MO		45' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,848.50	
01 22 23 00-0028	DAY		60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	675.00	
01 22 23 00-0029	WK		60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,560.00	
01 22 23 00-0030	MO		60' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	3,487.50	
01 22 23 00-0031	DAY		80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	1,177.50	
01 22 23 00-0032	WK		80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,775.00	
01 22 23 00-0033	MO		80' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	6,748.50	
01 22 23 00-0034	DAY		125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	2,287.50	
01 22 23 00-0035	WK		125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	5,400.00	
01 22 23 00-0036	MO		125' Engine Powered, Articulating (Up/Over) Boom Man Lift With Platform	13,200.00	
01 22 23 00-0037			Electric, Articulating (Up/Over) Boom Man Lifts With Platform <small>(01 22 23 00-0020)</small> Note: For use on paved surfaces.		
01 22 23 00-0038	DAY		30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	412.50	
01 22 23 00-0039	WK		30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,035.00	
01 22 23 00-0040	MO		30' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,490.00	
01 22 23 00-0041	DAY		35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	412.50	
01 22 23 00-0042	WK		35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,035.00	
01 22 23 00-0043	MO		35' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,490.00	
01 22 23 00-0044	DAY		40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	510.00	
01 22 23 00-0045	WK		40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,102.50	
01 22 23 00-0046	MO		40' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,737.50	
01 22 23 00-0047	DAY		45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	510.00	
01 22 23 00-0048	WK		45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	1,102.50	
01 22 23 00-0049	MO		45' Electric, Articulating (Up/Over) Boom Man Lift With Platform	2,737.50	
01 22 23 00-0050			Platform Lifts <small>(01 22 23 00-0001)</small> Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-0051			Electric, Scissor Platform Lifts <small>(01 22 23 00-0050)</small> Note: For use on paved surfaces.		
01 22 23 00-0052	DAY		17' Electric, Scissor Platform Lift	166.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0053 WK 17' Electric, Scissor Platform Lift	332.29	
01 22 23 00-0054 MO 17' Electric, Scissor Platform Lift	679.68	
01 22 23 00-0055 DAY 20' Electric, Scissor Platform Lift	181.25	
01 22 23 00-0056 WK 20' Electric, Scissor Platform Lift	362.50	
01 22 23 00-0057 MO 20' Electric, Scissor Platform Lift	724.99	
01 22 23 00-0058 DAY 25' Electric, Scissor Platform Lift	234.11	
01 22 23 00-0059 WK 25' Electric, Scissor Platform Lift	468.22	
01 22 23 00-0060 MO 25' Electric, Scissor Platform Lift	1,004.42	
01 22 23 00-0061 DAY 30' Electric, Scissor Platform Lift	302.08	
01 22 23 00-0062 WK 30' Electric, Scissor Platform Lift	596.61	
01 22 23 00-0063 MO 30' Electric, Scissor Platform Lift	1,321.60	
01 22 23 00-0064 DAY 33' Electric, Scissor Platform Lift	324.74	
01 22 23 00-0065 WK 33' Electric, Scissor Platform Lift	634.37	
01 22 23 00-0066 MO 33' Electric, Scissor Platform Lift	1,434.88	
01 22 23 00-0067 DAY 40' Electric, Scissor Platform Lift	422.91	
01 22 23 00-0068 WK 40' Electric, Scissor Platform Lift	1,049.73	
01 22 23 00-0069 MO 40' Electric, Scissor Platform Lift	2,922.62	
01 22 23 00-0070 Engine Powered, Scissor Platform Lifts <small>(01 22 23 00-0050)</small>		
<small>Note: Diesel or dual fuel (gasoline or liquid propane gas). Two-wheel drive. For use on unpaved or paved surfaces.</small>		
01 22 23 00-0071 DAY 25' Engine Powered, Scissor Platform Lift	431.82	
<i>For Four-Wheel Drive, Add</i>	86.36	
01 22 23 00-0072 WK 25' Engine Powered, Scissor Platform Lift	844.45	
<i>For Four-Wheel Drive, Add</i>	168.89	
01 22 23 00-0073 MO 25' Engine Powered, Scissor Platform Lift	2,063.14	
<i>For Four-Wheel Drive, Add</i>	412.63	
01 22 23 00-0074 DAY 33' Engine Powered, Scissor Platform Lift	441.42	
<i>For Four-Wheel Drive, Add</i>	88.28	
01 22 23 00-0075 WK 33' Engine Powered, Scissor Platform Lift	1,007.58	
<i>For Four-Wheel Drive, Add</i>	201.52	
01 22 23 00-0076 MO 33' Engine Powered, Scissor Platform Lift	2,207.08	
<i>For Four-Wheel Drive, Add</i>	441.42	
01 22 23 00-0077 DAY 40' Engine Powered, Scissor Platform Lift	489.40	
<i>For Four-Wheel Drive, Add</i>	97.88	
01 22 23 00-0078 WK 40' Engine Powered, Scissor Platform Lift	1,122.73	
<i>For Four-Wheel Drive, Add</i>	224.55	
01 22 23 00-0079 MO 40' Engine Powered, Scissor Platform Lift	2,494.96	
<i>For Four-Wheel Drive, Add</i>	498.99	
01 22 23 00-0080 DAY 43' Engine Powered, Scissor Platform Lift	518.18	
<i>For Four-Wheel Drive, Add</i>	103.64	
01 22 23 00-0081 WK 43' Engine Powered, Scissor Platform Lift	1,209.10	
<i>For Four-Wheel Drive, Add</i>	241.82	
01 22 23 00-0082 MO 43' Engine Powered, Scissor Platform Lift	2,974.76	
<i>For Four-Wheel Drive, Add</i>	594.95	
01 22 23 00-0083 DAY 50' Engine Powered, Scissor Platform Lift	969.20	
<i>For Four-Wheel Drive, Add</i>	193.84	
01 22 23 00-0084 WK 50' Engine Powered, Scissor Platform Lift	2,130.31	
<i>For Four-Wheel Drive, Add</i>	426.06	
01 22 23 00-0085 MO 50' Engine Powered, Scissor Platform Lift	5,239.42	
<i>For Four-Wheel Drive, Add</i>	1,047.88	
01 22 23 00-0086 Personnel Lifts <small>(01 22 23 00-0001)</small>		
<small>Note: Includes delivery to job site and pick-up when complete. Excludes operator. For use on paved surfaces.</small>		
01 22 23 00-0087 DAY 24', Push-Type, Electric Single Man Personnel Lift	118.69	
01 22 23 00-0088 WK 24', Push-Type, Electric Single Man Personnel Lift	336.29	
01 22 23 00-0089 MO 24', Push-Type, Electric Single Man Personnel Lift	679.18	
01 22 23 00-0090 DAY 30', Push-Type, Electric Single Man Personnel Lift	164.85	
01 22 23 00-0091 WK 30', Push-Type, Electric Single Man Personnel Lift	349.48	
01 22 23 00-0092 MO 30', Push-Type, Electric Single Man Personnel Lift	1,186.92	
01 22 23 00-0093 DAY 36', Push-Type, Electric Single Man Personnel Lift	276.95	
01 22 23 00-0094 WK 36', Push-Type, Electric Single Man Personnel Lift	672.59	
01 22 23 00-0095 MO 36', Push-Type, Electric Single Man Personnel Lift	1,965.01	
01 22 23 00-0096 DAY 40', Push-Type, Electric Single Man Personnel Lift	296.73	
01 22 23 00-0097 WK 40', Push-Type, Electric Single Man Personnel Lift	738.53	
01 22 23 00-0098 MO 40', Push-Type, Electric Single Man Personnel Lift	2,222.18	
01 22 23 00-0099 DAY 15', Self-Propelled, Electric Single Man Personnel Lift	158.26	
01 22 23 00-0100 WK 15', Self-Propelled, Electric Single Man Personnel Lift	316.51	
01 22 23 00-0101 MO 15', Self-Propelled, Electric Single Man Personnel Lift	633.02	
01 22 23 00-0102 DAY 20', Self-Propelled, Electric Single Man Personnel Lift	158.26	
01 22 23 00-0103 WK 20', Self-Propelled, Electric Single Man Personnel Lift	316.51	
01 22 23 00-0104 MO 20', Self-Propelled, Electric Single Man Personnel Lift	658.08	
01 22 23 00-0105 Bucket Trucks <small>(01 22 23 00-0001)</small>		
<small>Note: Includes full-time operator, delivery, and removal.</small>		
01 22 23 00-0106 DAY 29' To 33' Bucket Truck With Full-Time Operator	1,384.04	
<i>For Equipment Without Operator, Deduct</i>	-685.10	
01 22 23 00-0107 WK 29' To 33' Bucket Truck With Full-Time Operator	5,522.34	
<i>For Equipment Without Operator, Deduct</i>	-3,425.52	
01 22 23 00-0108 MO 29' To 33' Bucket Truck With Full-Time Operator	20,181.26	
<i>For Equipment Without Operator, Deduct</i>	-14,843.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0109	DAY		38' To 41' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,473.00 -685.10	
01 22 23 00-0110	WK		38' To 41' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,808.27 -3,425.52	
01 22 23 00-0111	MO		38' To 41' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	20,943.74 -14,843.90	
01 22 23 00-0112	DAY		45' To 48' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,701.74 -685.10	
01 22 23 00-0113	WK		45' To 48' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,221.28 -3,425.52	
01 22 23 00-0114	MO		45' To 48' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,833.30 -14,843.90	
01 22 23 00-0115	DAY		62' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,210.06 -685.10	
01 22 23 00-0116	WK		62' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	7,873.32 -3,425.52	
01 22 23 00-0117	MO		62' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	26,281.10 -14,843.90	
01 22 23 00-0118	DAY		85' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,464.22 -685.10	
01 22 23 00-0119	WK		85' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	8,762.88 -3,425.52	
01 22 23 00-0120	MO		85' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	29,458.10 -14,843.90	
01 22 23 00-0121	Day		105' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,591.30 -685.10	
01 22 23 00-0122	WK		105' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,144.12 -3,425.52	
01 22 23 00-0123	MO		105' Bucket Truck With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	29,763.09 -14,843.90	
01 22 23 00-0124			Air Equipment <small>(01 22 23)</small>		
01 22 23 00-0125			Air Compressors <small>(01 22 23 00-0124)</small> Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-0126	DAY		100 CFM Diesel Powered Portable Air Compressor.....	157.56	
01 22 23 00-0127	WK		100 CFM Diesel Powered Portable Air Compressor.....	472.68	
01 22 23 00-0128	MO		100 CFM Diesel Powered Portable Air Compressor.....	1,313.00	
01 22 23 00-0129	DAY		130 CFM Diesel Powered Portable Air Compressor.....	189.07	
01 22 23 00-0130	WK		130 CFM Diesel Powered Portable Air Compressor.....	556.71	
01 22 23 00-0131	MO		130 CFM Diesel Powered Portable Air Compressor.....	1,575.60	
01 22 23 00-0132	DAY		185 CFM Diesel Powered Portable Air Compressor.....	252.10	
01 22 23 00-0133	WK		185 CFM Diesel Powered Portable Air Compressor.....	567.22	
01 22 23 00-0134	MO		185 CFM Diesel Powered Portable Air Compressor.....	1,249.98	
01 22 23 00-0135	DAY		375 CFM Diesel Powered Portable Air Compressor.....	357.14	
01 22 23 00-0136	WK		375 CFM Diesel Powered Portable Air Compressor.....	903.34	
01 22 23 00-0137	MO		375 CFM Diesel Powered Portable Air Compressor.....	2,153.32	
01 22 23 00-0138	DAY		600 CFM Diesel Powered Portable Air Compressor.....	794.10	
01 22 23 00-0139	WK		600 CFM Diesel Powered Portable Air Compressor.....	1,911.73	
01 22 23 00-0140	MO		600 CFM Diesel Powered Portable Air Compressor.....	4,764.61	
01 22 23 00-0141	DAY		750 CFM Diesel Powered Portable Air Compressor.....	955.86	
01 22 23 00-0142	WK		750 CFM Diesel Powered Portable Air Compressor.....	2,352.90	
01 22 23 00-0143	MO		750 CFM Diesel Powered Portable Air Compressor.....	5,777.20	
01 22 23 00-0144	DAY		825 CFM Diesel Powered Portable Air Compressor.....	955.86	
01 22 23 00-0145	WK		825 CFM Diesel Powered Portable Air Compressor.....	2,352.90	
01 22 23 00-0146	MO		825 CFM Diesel Powered Portable Air Compressor.....	5,777.20	
01 22 23 00-0147	DAY		1,300 CFM Diesel Powered Portable Air Compressor.....	1,113.42	
01 22 23 00-0148	WK		1,300 CFM Diesel Powered Portable Air Compressor.....	2,495.75	
01 22 23 00-0149	MO		1,300 CFM Diesel Powered Portable Air Compressor.....	6,655.33	
01 22 23 00-0150	DAY		1,600 CFM Diesel Powered Portable Air Compressor.....	1,386.53	
01 22 23 00-0151	WK		1,600 CFM Diesel Powered Portable Air Compressor.....	3,119.69	
01 22 23 00-0152	MO		1,600 CFM Diesel Powered Portable Air Compressor.....	8,319.17	
01 22 23 00-0153			Portable Negative Air Machines <small>(01 22 23 00-0124)</small> Note: A Negative Air Machine is used in a sealed containment area to filter air and exhaust the filtered air through ducting to a location outside the sealed containment area. Includes delivery to job site and pick-up when complete. Excludes all filters and duct.		
01 22 23 00-0154	DAY		Up To 2,000 CFM, Portable Negative Air Machine.....	112.00	
01 22 23 00-0155	WK		Up To 2,000 CFM, Portable Negative Air Machine.....	460.00	
01 22 23 00-0156	MO		Up To 2,000 CFM, Portable Negative Air Machine.....	1,390.00	
01 22 23 00-0157	EA		First Stage Pre-Filter For Portable Negative Air Machines.....	14.76	
01 22 23 00-0158	EA		Second Stage Pre-Filter For Portable Negative Air Machines.....	35.47	
01 22 23 00-0159	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Negative Air Machines.....	188.09	
01 22 23 00-0160	LF		Flexible Exhaust Duct For Portable Negative Air Machines.....	2.29	
01 22 23 00-0161			Portable Air Scrubbers <small>(01 22 23 00-0124)</small> Note: A Portable Air Scrubber filters and recirculates the filtered air into the same space and does not use ducting to exhaust the filtered air to a different location. Includes delivery to job site and pick-up when complete. Excludes all filters.		
01 22 23 00-0162	DAY		Up To 1,000 CFM, Portable Air Scrubber.....	90.48	
01 22 23 00-0163	WK		Up To 1,000 CFM, Portable Air Scrubber.....	376.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0164 MO Up To 1,000 CFM, Portable Air Scrubber	1,041.05	
01 22 23 00-0165 DAY >1,000 to 2,000 CFM, Portable Air Scrubber	114.46	
01 22 23 00-0166 WK >1,000 to 2,000 CFM, Portable Air Scrubber	474.19	
01 22 23 00-0167 MO >1,000 to 2,000 CFM, Portable Air Scrubber	1,389.88	
01 22 23 00-0168 DAY >2,000 To 5,000 CFM, Portable Air Scrubber	147.16	
01 22 23 00-0169 WK >2,000 To 5,000 CFM, Portable Air Scrubber	626.81	
01 22 23 00-0170 MO >2,000 To 5,000 CFM, Portable Air Scrubber	1,755.06	
01 22 23 00-0171 EA First Stage Pre-Filter For Portable Air Scrubbers	21.30	
01 22 23 00-0172 EA Second Stage Pre-Filter For Portable Air Scrubbers	30.02	
01 22 23 00-0173 EA High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Portable Air Scrubbers	318.90	
 01 22 23 00-0174 Compaction And Paving Equipment <small>(01 22 23)</small>		
01 22 23 00-0175 Pavers And Rollers <small>(01 22 23 00-0174)</small>		
<i>Note: Includes full-time operator. Excludes delivery, set-up, and removal.</i>		
01 22 23 00-0176 Pavers <small>(01 22 23 00-0175)</small>		
01 22 23 00-0177 DAY 10' Wide Paving Machine With Full-Time Operator	4,182.63	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0178 WK 10' Wide Paving Machine With Full-Time Operator	17,634.89	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0179 MO 10' Wide Paving Machine With Full-Time Operator	66,427.69	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
 01 22 23 00-0180 Ride-On Self-Propelled, Rubber Tire Rollers <small>(01 22 23 00-0175)</small>		
01 22 23 00-0181 DAY 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,317.60	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0182 WK 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	5,771.66	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0183 MO 10 To 12 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	22,987.28	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0184 DAY 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	1,477.10	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0185 WK 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	6,957.76	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0186 MO 15 Ton, Ride-On Self Propelled, 9 Wheel Rubber-Tire Roller With Full-Time Operator	24,778.03	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0187 DAY 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	1,484.35	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0188 WK 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	6,486.51	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0189 MO 30 Ton, Ride-On Self Propelled, 11 Wheel Rubber-Tire Roller With Full-Time Operator	25,126.03	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
 01 22 23 00-0190 Ride-On Self-Propelled, Padfoot Rollers <small>(01 22 23 00-0175)</small>		
01 22 23 00-0191 DAY 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,382.85	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0192 WK 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	5,848.51	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0193 MO 5 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	23,429.53	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0194 DAY 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,687.35	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0195 WK 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,464.76	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0196 MO 8 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	25,372.53	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0197 DAY 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	1,759.85	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0198 WK 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	6,921.51	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0199 MO 10 To 12 Ton, Single Padfoot Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator	26,648.53	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
 01 22 23 00-0200 Towed, Padfoot Rollers <small>(01 22 23 00-0175)</small>		
01 22 23 00-0201 DAY 48" Wide, 40" Diameter, Towed Padfoot Roller	137.75	
01 22 23 00-0202 WK 48" Wide, 40" Diameter, Towed Padfoot Roller	398.75	
01 22 23 00-0203 MO 48" Wide, 40" Diameter, Towed Padfoot Roller	1,174.50	
01 22 23 00-0204 DAY 60" Wide, 60" Diameter, Towed Padfoot Roller	174.00	
01 22 23 00-0205 WK 60" Wide, 60" Diameter, Towed Padfoot Roller	485.75	
01 22 23 00-0206 MO 60" Wide, 60" Diameter, Towed Padfoot Roller	2,066.25	
 01 22 23 00-0207 Static Rollers <small>(01 22 23 00-0175)</small>		
01 22 23 00-0208 DAY 5 Ton, 2 Drum Articulated Roller With Full-Time Operator	1,419.10	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0209 WK 5 Ton, 2 Drum Articulated Roller With Full-Time Operator	6,160.26	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0210 MO 5 Ton, 2 Drum Articulated Roller With Full-Time Operator	24,451.78	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0211 DAY 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,578.60 -904.35	
01 22 23 00-0212 WK 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,595.26 -4,521.76	
01 22 23 00-0213 MO 8 To 10 Ton, 2 Drum Articulated Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	25,655.28 -19,594.28	
01 22 23 00-0214 Ride-On Self-Propelled, Smooth Drum Vibratory Rollers <small>(01 22 23 00-0175)</small>		
01 22 23 00-0215 DAY 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,187.10 -904.35	
01 22 23 00-0216 WK 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,348.26 -4,521.76	
01 22 23 00-0217 MO 1 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,769.28 -19,594.28	
01 22 23 00-0218 DAY 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,295.85 -904.35	
01 22 23 00-0219 WK 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,674.51 -4,521.76	
01 22 23 00-0220 MO 3 Ton, Double Smooth Drums, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,639.28 -19,594.28	
01 22 23 00-0221 DAY 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,368.35 -904.35	
01 22 23 00-0222 WK 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,892.01 -4,521.76	
01 22 23 00-0223 MO 5 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,219.28 -19,594.28	
01 22 23 00-0224 DAY 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,462.60 -904.35	
01 22 23 00-0225 WK 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,167.51 -4,521.76	
01 22 23 00-0226 MO 8 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,937.03 -19,594.28	
01 22 23 00-0227 DAY 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,651.10 -904.35	
01 22 23 00-0228 WK 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,718.51 -4,521.76	
01 22 23 00-0229 MO 11 To 12 Ton, Single Smooth Drum, Ride-On Self-Propelled Vibratory Roller With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	25,394.28 -19,594.28	
01 22 23 00-0230 Steel Roadway Plates <small>(01 22 23 00-0174)</small>		
Note: 3 day minimum. Excludes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0231 for placement (set-up) from truck and removal from ground (load on truck), 01 71 13 00-0001 for material delivery on truck.		
01 22 23 00-0231 EA Placement And Removal Of Steel Roadway Plates.....	54.06	
01 22 23 00-0232 DAY 1" x 4' x 8' Steel Plate	38.04	
01 22 23 00-0233 WK 1" x 4' x 8' Steel Plate	89.83	
01 22 23 00-0234 MO 1" x 4' x 8' Steel Plate	118.21	
01 22 23 00-0235 DAY 1" x 4' x 10' Steel Plate	50.73	
01 22 23 00-0236 WK 1" x 4' x 10' Steel Plate	114.13	
01 22 23 00-0237 MO 1" x 4' x 10' Steel Plate	139.50	
01 22 23 00-0238 DAY 1" x 5' x 10' Steel Plate	52.84	
01 22 23 00-0239 WK 1" x 5' x 10' Steel Plate	119.42	
01 22 23 00-0240 MO 1" x 5' x 10' Steel Plate	317.04	
01 22 23 00-0241 DAY 1" x 6' x 8' Steel Plate	33.82	
01 22 23 00-0242 WK 1" x 6' x 8' Steel Plate	76.09	
01 22 23 00-0243 MO 1" x 6' x 8' Steel Plate	202.91	
01 22 23 00-0244 DAY 1" x 6' x 10' Steel Plate	63.41	
01 22 23 00-0245 WK 1" x 6' x 10' Steel Plate	83.49	
01 22 23 00-0246 MO 1" x 6' x 10' Steel Plate	222.98	
01 22 23 00-0247 DAY 1" x 6' x 12' Steel Plate	88.77	
01 22 23 00-0248 WK 1" x 6' x 12' Steel Plate	113.61	
01 22 23 00-0249 MO 1" x 6' x 12' Steel Plate	307.53	
01 22 23 00-0250 DAY 1" x 8' x 10' Steel Plate	56.01	
01 22 23 00-0251 WK 1" x 8' x 10' Steel Plate	125.76	
01 22 23 00-0252 MO 1" x 8' x 10' Steel Plate	335.01	
01 22 23 00-0253 DAY 1" x 8' x 12' Steel Plate	101.45	
01 22 23 00-0254 WK 1" x 8' x 12' Steel Plate	125.76	
01 22 23 00-0255 MO 1" x 8' x 12' Steel Plate	608.72	
01 22 23 00-0256 DAY 1" x 8' x 16' Steel Plate	135.27	
01 22 23 00-0257 WK 1" x 8' x 16' Steel Plate	304.36	
01 22 23 00-0258 MO 1" x 8' x 16' Steel Plate	811.62	
01 22 23 00-0259 LF Cold Mix For Temporary Ramp Base, 6" At Edge Of Trench Plate.....	2.39	1.00
01 22 23 00-0260 EA Removal And Resetting Of Steel Roadway Plate	30.03	
01 22 23 00-0261 Street Sweepers <small>(01 22 23 00-0174)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0262 DAY 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,060.00 -861.56	
01 22 23 00-0263 WK 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,094.19 -4,307.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0264 MO 8' Road Broom, Self Propelled Street Sweeper With Full-Time Operator	21,468.87	
<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0265 DAY Self-Propelled Street Sweeper With Hopper And Full-Time Operator	1,905.62	
Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0266 WK Self-Propelled Street Sweeper With Hopper And Full-Time Operator	8,489.83	
Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0267 MO Self-Propelled Street Sweeper With Hopper And Full-Time Operator	33,591.81	
Note: Truck with main and gutter brooms, elevator, debris hopper and water tank.		
<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0268 Earthmoving Equipment (01 22 23)		
01 22 23 00-0269 Skid-Steer Loaders (01 22 23 00-0268)		
Note: Includes full-time operator and combination bucket and dozer blade attachments. Add extra attachments where necessary. Excludes delivery, set-up, and removal.		
01 22 23 00-0270 DAY 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	1,186.03	
<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0271 WK 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	5,159.04	
<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0272 MO 700 LB Capacity, 36" Wide, Skid-Steer Loader With Full-Time Operator	20,717.19	
<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0273 DAY 1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	1,271.56	
<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0274 WK 1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	5,313.80	
<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0275 MO 1,500 LB Capacity, 60" Wide, Skid-Steer Loader With Full-Time Operator	21,056.59	
<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0276 DAY 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	1,295.99	
<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0277 WK 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	5,536.45	
<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0278 MO 2,400 LB Capacity, 72" Wide, Skid-Steer Loader With Full-Time Operator	21,647.14	
<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0279 DAY 2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,391.02	
<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0280 WK 2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	5,848.70	
<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0281 MO 2,500 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	22,678.92	
<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0282 DAY 3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	1,553.94	
<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0283 WK 3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	6,466.40	
<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0284 MO 3,000 LB Capacity, 78" Wide, Tracked Skid-Steer Loader With Full-Time Operator	24,199.43	
<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0285 DAY Hydraulic Hammer Attachment For Skid-Steer Loaders	271.52	
01 22 23 00-0286 WK Hydraulic Hammer Attachment For Skid-Steer Loaders	902.80	
01 22 23 00-0287 MO Hydraulic Hammer Attachment For Skid-Steer Loaders	2,402.95	
01 22 23 00-0288 DAY Forklift Attachment For Skid-Steer Loaders	58.38	
01 22 23 00-0289 WK Forklift Attachment For Skid-Steer Loaders	156.12	
01 22 23 00-0290 MO Forklift Attachment For Skid-Steer Loaders	441.22	
01 22 23 00-0291 DAY Backhoe Attachment For Skid-Steer Loaders	128.97	
01 22 23 00-0292 WK Backhoe Attachment For Skid-Steer Loaders	309.53	
01 22 23 00-0293 MO Backhoe Attachment For Skid-Steer Loaders	769.76	
01 22 23 00-0294 DAY Broom Attachment For Skid-Steer Loaders	127.61	
01 22 23 00-0295 WK Broom Attachment For Skid-Steer Loaders	346.19	
01 22 23 00-0296 MO Broom Attachment For Skid-Steer Loaders	916.38	
01 22 23 00-0297 DAY Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	111.32	
01 22 23 00-0298 WK Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	306.82	
01 22 23 00-0299 MO Auger Attachment (Excludes Bits And Extensions) For Skid-Steer Loaders	837.64	
01 22 23 00-0300 DAY Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	30.68	
01 22 23 00-0301 WK Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	80.27	
01 22 23 00-0302 MO Up To 18" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	236.10	
01 22 23 00-0303 DAY >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	41.31	
01 22 23 00-0304 WK >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	102.70	
01 22 23 00-0305 MO >18" To 48" Diameter, 4' Length, Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	306.94	
01 22 23 00-0306 DAY Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	60.20	
01 22 23 00-0307 WK Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	182.99	
01 22 23 00-0308 MO Up To 24" Diameter, 4' Length, Rock Tip Auger Bit For Skid-Steer Mounted Augers (Excludes Auger)	543.04	
01 22 23 00-0309 DAY 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	12.22	
01 22 23 00-0310 WK 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	28.51	
01 22 23 00-0311 MO 2' Length, Auger Bit Extension For Skid-Steer Mounted Augers (Excludes Auger)	76.03	
01 22 23 00-0312 Bulldozers (01 22 23 00-0268)		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0313 DAY 70 HP, D3 Bulldozer With Full-Time Operator	1,353.13	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0314 WK 70 HP, D3 Bulldozer With Full-Time Operator	6,291.47	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0315 MO 70 HP, D3 Bulldozer With Full-Time Operator	24,844.13	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0316 DAY 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	1,564.81	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0317 WK 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	7,146.68	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0318 MO 90 To 105 HP, D4 Or D5 Bulldozer With Full-Time Operator.....	27,469.06	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0319 DAY 140 HP, D6 Bulldozer With Full-Time Operator.....	2,166.01	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0320 WK 140 HP, D6 Bulldozer With Full-Time Operator.....	9,551.46	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0321 MO 140 HP, D6 Bulldozer With Full-Time Operator.....	34,666.43	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0322 DAY 200 HP, D7 Bulldozer With Full-Time Operator.....	2,699.46	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0323 WK 200 HP, D7 Bulldozer With Full-Time Operator.....	11,693.73	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0324 MO 200 HP, D7 Bulldozer With Full-Time Operator.....	41,101.73	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0325 DAY 335 HP, D8 Bulldozer With Full-Time Operator.....	3,334.52	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0326 WK 335 HP, D8 Bulldozer With Full-Time Operator.....	14,233.98	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0327 MO 335 HP, D8 Bulldozer With Full-Time Operator.....	48,722.48	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0328 DAY 460 HP, D9 Bulldozer With Full-Time Operator.....	3,690.16	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0329 WK 460 HP, D9 Bulldozer With Full-Time Operator.....	15,648.06	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0330 MO 460 HP, D9 Bulldozer With Full-Time Operator.....	52,956.23	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0331 Road Graders <small>(01 22 23 00-0268)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0332 DAY 60 HP Road Grader With Full-Time Operator.....	1,624.78	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0333 WK 60 HP Road Grader With Full-Time Operator.....	6,470.62	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0334 MO 60 HP Road Grader With Full-Time Operator.....	25,422.39	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0335 DAY 80 HP Road Grader With Full-Time Operator.....	1,837.22	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0336 WK 80 HP Road Grader With Full-Time Operator.....	7,061.75	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0337 MO 80 HP Road Grader With Full-Time Operator.....	27,214.24	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0338 DAY 130 HP Road Grader With Full-Time Operator.....	1,693.36	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0339 WK 130 HP Road Grader With Full-Time Operator.....	7,677.81	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0340 MO 130 HP Road Grader With Full-Time Operator.....	30,873.00	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0341 Motor Scraper <small>(01 22 23 00-0268)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0342 DAY 11 CY Motor Scraper-Hauler With Full-Time Operator.....	2,176.52	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0343 WK 11 CY Motor Scraper-Hauler With Full-Time Operator.....	9,610.44	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0344 MO 11 CY Motor Scraper-Hauler With Full-Time Operator.....	34,842.90	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0345 DAY 18 CY Motor Scraper-Hauler With Full-Time Operator.....	2,690.62	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0346 WK 18 CY Motor Scraper-Hauler With Full-Time Operator.....	11,666.83	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0347 MO 18 CY Motor Scraper-Hauler With Full-Time Operator.....	41,029.49	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0348 DAY 24 CY Motor Scraper-Hauler With Full-Time Operator.....	3,187.29	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0349 WK 24 CY Motor Scraper-Hauler With Full-Time Operator.....	13,644.79	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0350 MO 24 CY Motor Scraper-Hauler With Full-Time Operator.....	46,954.67	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	
01 22 23 00-0351 Hydraulic Excavators <small>(01 22 23 00-0268)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0352 DAY 3/8 CY Hydraulic Excavator With Full-Time Operator.....	1,285.19	
<i>For Equipment Without Operator, Deduct</i>	-904.35	
01 22 23 00-0353 WK 3/8 CY Hydraulic Excavator With Full-Time Operator.....	5,868.79	
<i>For Equipment Without Operator, Deduct</i>	-4,521.76	
01 22 23 00-0354 MO 3/8 CY Hydraulic Excavator With Full-Time Operator.....	24,107.88	
<i>For Equipment Without Operator, Deduct</i>	-19,594.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0355 DAY 1/2 CY Hydraulic Excavator With Full-Time Operator.....	1,392.38	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0356 WK 1/2 CY Hydraulic Excavator With Full-Time Operator.....	6,341.30	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0357 MO 1/2 CY Hydraulic Excavator With Full-Time Operator.....	25,997.95	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0358 DAY 5/8 CY Hydraulic Excavator With Full-Time Operator.....	1,426.23	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0359 WK 5/8 CY Hydraulic Excavator With Full-Time Operator.....	6,517.62	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0360 MO 5/8 CY Hydraulic Excavator With Full-Time Operator.....	26,308.26	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0361 DAY 3/4 CY Hydraulic Excavator With Full-Time Operator.....	1,461.50	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0362 WK 3/4 CY Hydraulic Excavator With Full-Time Operator.....	6,679.82	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0363 MO 3/4 CY Hydraulic Excavator With Full-Time Operator.....	26,618.57	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0364 DAY 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator.....	1,489.71	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0365 WK 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator.....	6,849.08	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0366 MO 7/8 To 1 CY Hydraulic Excavator With Full-Time Operator.....	26,928.88	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0367 DAY 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator.....	1,870.54	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0368 WK 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator.....	8,365.37	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0369 MO 1-1/8 To 1-1/4 CY Hydraulic Excavator With Full-Time Operator.....	31,125.12	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0370 DAY 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator.....	1,926.96	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0371 WK 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator.....	8,612.21	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0372 MO 1-3/8 To 1-1/2 CY Hydraulic Excavator With Full-Time Operator.....	31,865.63	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0373 DAY 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator.....	2,032.75	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0374 WK 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator.....	9,035.36	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0375 MO 1-5/8 To 1-7/8 CY Hydraulic Excavator With Full-Time Operator.....	33,135.08	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0376 DAY 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	2,152.64	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0377 WK 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	9,507.88	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0378 MO 2 To 2-3/8 CY Hydraulic Excavator With Full-Time Operator.....	34,545.58	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0379 DAY 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator.....	2,187.91	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0380 WK 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator.....	9,648.93	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0381 MO 2-1/2 To 2-7/8 CY Hydraulic Excavator With Full-Time Operator.....	34,968.73	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0382 DAY 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	2,526.43	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0383 WK 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	11,010.06	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0384 MO 3 To 3-3/4 CY Hydraulic Excavator With Full-Time Operator.....	39,059.18	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0385 DAY 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	3,013.05	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0386 WK 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	12,942.44	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0387 MO 4 To 5-3/4 CY Hydraulic Excavator With Full-Time Operator.....	44,842.23	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0388 DAY 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	3,612.51	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0389 WK 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	15,340.30	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0390 MO 6 To 11 CY Hydraulic Excavator With Full-Time Operator.....	52,035.78	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0391 DAY Thumbs Or Grapple Attachment For Hydraulic Excavators.....	98.74	
01 22 23 00-0392 WK Thumbs Or Grapple Attachment For Hydraulic Excavators.....	380.84	
01 22 23 00-0393 MO Thumbs Or Grapple Attachment For Hydraulic Excavators.....	1,128.40	
01 22 23 00-0394 DAY 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	437.26	
01 22 23 00-0395 WK 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,156.61	
01 22 23 00-0396 MO 1,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	3,237.10	
01 22 23 00-0397 DAY 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	677.04	
01 22 23 00-0398 WK 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	1,727.86	
01 22 23 00-0399 MO 1,500 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	4,492.44	
01 22 23 00-0400 DAY 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	945.04	
01 22 23 00-0401 WK 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	2,545.95	
01 22 23 00-0402 MO 3,000 Ft-Lb Hydraulic Hammer Attachment For Hydraulic Excavators.....	7,137.13	
01 22 23 00-0403 DAY 24" Compaction Wheel Attachment For Hydraulic Excavators.....	197.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0404 WK 24" Compaction Wheel Attachment For Hydraulic Excavators	789.88	
01 22 23 00-0405 MO 24" Compaction Wheel Attachment For Hydraulic Excavators	2,369.64	
01 22 23 00-0406 DAY 36" Compaction Wheel Attachment For Hydraulic Excavators	282.10	
01 22 23 00-0407 WK 36" Compaction Wheel Attachment For Hydraulic Excavators	1,128.40	
01 22 23 00-0408 MO 36" Compaction Wheel Attachment For Hydraulic Excavators	3,385.20	
01 22 23 00-0409 DAY 48" Compaction Wheel Attachment For Hydraulic Excavators	310.31	
01 22 23 00-0410 WK 48" Compaction Wheel Attachment For Hydraulic Excavators	1,227.14	
01 22 23 00-0411 MO 48" Compaction Wheel Attachment For Hydraulic Excavators	3,667.30	
01 22 23 00-0412 Mini-Excavators <small>(01 22 23 00-0268)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0413 DAY 2,000 LB Mini-Excavator With Full-Time Operator.....	1,200.55	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0414 WK 2,000 LB Mini-Excavator With Full-Time Operator.....	5,361.01	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0415 MO 2,000 LB Mini-Excavator With Full-Time Operator.....	21,442.04	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0416 DAY 3,500 LB Mini-Excavator With Full-Time Operator.....	1,207.61	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0417 WK 3,500 LB Mini-Excavator With Full-Time Operator.....	5,382.16	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0418 MO 3,500 LB Mini-Excavator With Full-Time Operator.....	21,886.34	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0419 DAY 6,000 LB Mini-Excavator With Full-Time Operator.....	1,242.87	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0420 WK 6,000 LB Mini-Excavator With Full-Time Operator.....	5,480.90	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0421 MO 6,000 LB Mini-Excavator With Full-Time Operator.....	21,949.82	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0422 DAY 7,500 LB Mini-Excavator With Full-Time Operator.....	1,256.97	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0423 WK 7,500 LB Mini-Excavator With Full-Time Operator.....	5,530.27	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0424 MO 7,500 LB Mini-Excavator With Full-Time Operator.....	21,978.02	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0425 DAY 9,500 LB Mini-Excavator With Full-Time Operator.....	1,341.61	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0426 WK 9,500 LB Mini-Excavator With Full-Time Operator.....	5,600.79	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0427 MO 9,500 LB Mini-Excavator With Full-Time Operator.....	22,796.12	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0428 DAY 11,000 LB Mini-Excavator With Full-Time Operator.....	1,348.66	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0429 WK 11,000 LB Mini-Excavator With Full-Time Operator.....	5,953.42	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0430 MO 11,000 LB Mini-Excavator With Full-Time Operator.....	22,831.38	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0431 Loader-Backhoes With Standard Bucket <small>(01 22 23 00-0268)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0432 DAY 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	1,301.28	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0433 WK 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	5,464.46	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0434 MO 1/2 To 5/8 CY, 65 HP, Loader-Backhoe With Standard Bucket And Full-Time Operator.....	21,812.82	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0435 DAY 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	1,343.81	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0436 WK 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	5,613.31	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0437 MO 1 CY, 24" Bucket, 14'-4" Deep, 75 HP, Loader-Backhoe With Full-Time Operator.....	22,720.09	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0438 DAY 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	1,409.37	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0439 WK 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	5,776.34	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0440 MO 1-1/2 CY, 24" Bucket, 16'-6" Deep, 90 HP, Loader-Backhoe With Full-Time Operator.....	23,187.90	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0441 DAY 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	1,701.75	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0442 WK 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	6,648.16	
For Equipment Without Operator, Deduct	-4,521.76	
01 22 23 00-0443 MO 1-3/4 CY, 30" Bucket, 18'-0" Deep, 112 HP, Loader-Backhoe With Full-Time Operator.....	25,682.87	
For Equipment Without Operator, Deduct	-19,594.28	
01 22 23 00-0444 Heavy Duty Construction Loaders <small>(01 22 23 00-0268)</small>		
Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0445 DAY 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	1,473.10	
For Equipment Without Operator, Deduct	-904.35	
01 22 23 00-0446 WK 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator.....	6,770.51	
For Equipment Without Operator, Deduct	-4,521.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0447 MO 2-1/2 CY, 119 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	26,331.78 -19,594.28	
01 22 23 00-0448 DAY 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,945.60 -904.35	
01 22 23 00-0449 WK 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	7,286.76 -4,521.76	
01 22 23 00-0450 MO 3 CY, 135 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	26,594.28 -19,594.28	
01 22 23 00-0451 DAY 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	2,050.60 -904.35	
01 22 23 00-0452 WK 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	7,566.76 -4,521.76	
01 22 23 00-0453 MO 3-1/2 CY, 198 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	27,294.28 -19,594.28	
01 22 23 00-0454 DAY 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	2,339.35 -904.35	
01 22 23 00-0455 WK 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	8,328.01 -4,521.76	
01 22 23 00-0456 MO 4-1/2 CY, 215 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	29,219.28 -19,594.28	
01 22 23 00-0457 DAY 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	3,083.10 -904.35	
01 22 23 00-0458 WK 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	13,219.26 -4,521.76	
01 22 23 00-0459 MO 7-1/3 CY, 330 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	45,669.28 -19,594.28	
01 22 23 00-0460 DAY 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	7,983.01 -904.35	
01 22 23 00-0461 WK 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	27,507.76 -4,521.76	
01 22 23 00-0462 MO 13-1/2 CY, 690 HP, Heavy Duty Construction Loader With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	82,237.37 -19,594.28	
01 22 23 00-0463 Telescopic Hydraulic Excavators (Gradall) (01 22 23 00-0268) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0464 DAY Gradall, Telescopic Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Track Gradall, Add</i>	2,849.46 -904.35 233.41	
01 22 23 00-0465 WK Gradall, Telescopic Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Track Gradall, Add</i>	12,293.52 -4,521.76 932.61	
01 22 23 00-0466 MO Gradall, Telescopic Hydraulic Excavator With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i> <i>For Track Gradall, Add</i>	47,332.80 -19,594.28 3,328.62	
01 22 23 00-0467 Shoring (01 22 23 00-0268) Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0468 Aluminum Hydraulic Shoring (01 22 23 00-0467) Note: Includes delivery to job site and pick-up when complete. Excludes sheeting.		
01 22 23 00-0469 WK 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	114.71	
01 22 23 00-0470 MO 2' Rails, 1 Cylinder, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	338.35	
01 22 23 00-0471 WK Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	153.88	
01 22 23 00-0472 MO Up To 12' Rails, 2 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	453.89	
01 22 23 00-0473 WK Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	285.34	
01 22 23 00-0474 MO Up To 16' Rails, 3 Cylinders, Aluminum Hydraulic Shoring..... Note: Up to 88" spread width.	841.75	
01 22 23 00-0475 EA Set-up And Removal Of 1 Cylinder Aluminum Hydraulic Shores.....	25.69	
01 22 23 00-0476 EA Set-up And Removal Of 2 Cylinders Aluminum Hydraulic Shores.....	41.10	
01 22 23 00-0477 EA Set-up And Removal Of 3 Cylinders Aluminum Hydraulic Shores.....	68.49	
01 22 23 00-0478 Trench Boxes/Trench Shields (01 22 23 00-0268) Note: Trenching tasks include moving the trench box in excavation as trenching proceeds. Includes delivery to job site and pick-up when complete. For stackable units, combine multiple units for depth required.		
01 22 23 00-0479 WK 4' x 6' Trench Box With Up To 48" Spreaders.....	226.21	
01 22 23 00-0480 MO 4' x 6' Trench Box With Up To 48" Spreaders.....	678.62	
01 22 23 00-0481 WK 6' x 6' Trench Box With Up To 48" Spreaders.....	255.40	
01 22 23 00-0482 MO 6' x 6' Trench Box With Up To 48" Spreaders.....	766.18	
01 22 23 00-0483 WK 8' x 6' Trench Box With Up To 48" Spreaders.....	269.99	
01 22 23 00-0484 MO 8' x 6' Trench Box With Up To 48" Spreaders.....	809.97	
01 22 23 00-0485 WK 4' x 8' Trench Box With Up To 48" Spreaders.....	248.10	
01 22 23 00-0486 MO 4' x 8' Trench Box With Up To 48" Spreaders.....	744.29	
01 22 23 00-0487 WK 6' x 8' Trench Box With Up To 48" Spreaders.....	291.88	
01 22 23 00-0488 MO 6' x 8' Trench Box With Up To 48" Spreaders.....	875.64	
01 22 23 00-0489 WK 8' x 8' Trench Box With Up To 48" Spreaders.....	328.36	
01 22 23 00-0490 MO 8' x 8' Trench Box With Up To 48" Spreaders.....	985.10	
01 22 23 00-0491 WK 4' x 10' Trench Box With Up To 48" Spreaders.....	277.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0492	MO		4' x 10' Trench Box With Up To 48" Spreaders.....	831.86	
01 22 23 00-0493	WK		6' x 10' Trench Box With Up To 48" Spreaders.....	328.36	
01 22 23 00-0494	MO		6' x 10' Trench Box With Up To 48" Spreaders.....	985.10	
01 22 23 00-0495	WK		8' x 10' Trench Box With Up To 48" Spreaders.....	401.34	
01 22 23 00-0496	MO		8' x 10' Trench Box With Up To 48" Spreaders.....	1,196.71	
01 22 23 00-0497	WK		4' x 12' Trench Box With Up To 48" Spreaders.....	328.36	
01 22 23 00-0498	MO		4' x 12' Trench Box With Up To 48" Spreaders.....	985.10	
01 22 23 00-0499	WK		6' x 12' Trench Box With Up To 48" Spreaders.....	401.34	
01 22 23 00-0500	MO		6' x 12' Trench Box With Up To 48" Spreaders.....	1,204.00	
01 22 23 00-0501	WK		8' x 12' Trench Box With Up To 48" Spreaders.....	510.79	
01 22 23 00-0502	MO		8' x 12' Trench Box With Up To 48" Spreaders.....	1,532.37	
01 22 23 00-0503	WK		4' x 14' Trench Box With Up To 48" Spreaders.....	364.85	
01 22 23 00-0504	MO		4' x 14' Trench Box With Up To 48" Spreaders.....	1,094.55	
01 22 23 00-0505	WK		6' x 14' Trench Box With Up To 48" Spreaders.....	474.30	
01 22 23 00-0506	MO		6' x 14' Trench Box With Up To 48" Spreaders.....	1,422.92	
01 22 23 00-0507	WK		8' x 14' Trench Box With Up To 48" Spreaders.....	583.76	
01 22 23 00-0508	MO		8' x 14' Trench Box With Up To 48" Spreaders.....	1,751.28	
01 22 23 00-0509	WK		4' x 16' Trench Box With Up To 48" Spreaders.....	401.34	
01 22 23 00-0510	MO		4' x 16' Trench Box With Up To 48" Spreaders.....	1,204.00	
01 22 23 00-0511	WK		6' x 16' Trench Box With Up To 48" Spreaders.....	547.28	
01 22 23 00-0512	MO		6' x 16' Trench Box With Up To 48" Spreaders.....	1,641.82	
01 22 23 00-0513	WK		8' x 16' Trench Box With Up To 48" Spreaders.....	656.73	
01 22 23 00-0514	MO		8' x 16' Trench Box With Up To 48" Spreaders.....	1,970.19	
01 22 23 00-0515	WK		4' x 20' Trench Box With Up To 48" Spreaders.....	474.30	
01 22 23 00-0516	MO		4' x 20' Trench Box With Up To 48" Spreaders.....	1,422.92	
01 22 23 00-0517	WK		6' x 20' Trench Box With Up To 48" Spreaders.....	656.73	
01 22 23 00-0518	MO		6' x 20' Trench Box With Up To 48" Spreaders.....	1,970.19	
01 22 23 00-0519	WK		8' x 20' Trench Box With Up To 48" Spreaders.....	766.18	
01 22 23 00-0520	MO		8' x 20' Trench Box With Up To 48" Spreaders.....	2,298.56	
01 22 23 00-0521	WK		4' x 24' Trench Box With Up To 48" Spreaders.....	656.73	
01 22 23 00-0522	MO		4' x 24' Trench Box With Up To 48" Spreaders.....	1,970.19	
01 22 23 00-0523	WK		6' x 24' Trench Box With Up To 48" Spreaders.....	802.67	
01 22 23 00-0524	MO		6' x 24' Trench Box With Up To 48" Spreaders.....	2,408.01	
01 22 23 00-0525	WK		8' x 24' Trench Box With Up To 48" Spreaders.....	875.64	
01 22 23 00-0526	MO		8' x 24' Trench Box With Up To 48" Spreaders.....	2,626.92	
01 22 23 00-0527	WK		For Spreaders >48" To 84", Add.....	21.89	
01 22 23 00-0528	MO		For Spreaders >48" To 84", Add.....	65.67	
01 22 23 00-0529	WK		For Spreaders >84" To 120", Add.....	131.35	
01 22 23 00-0530	MO		For Spreaders >84" To 120", Add.....	394.04	
01 22 23 00-0531	WK		For Spreaders >120", Add.....	277.29	
01 22 23 00-0532	MO		For Spreaders >120", Add.....	831.86	
01 22 23 00-0533	WK		8' x 4' Manhole Box.....	344.78	
01 22 23 00-0534	MO		8' x 4' Manhole Box.....	1,034.35	
01 22 23 00-0535	WK		8' x 8' Manhole Box.....	492.55	
01 22 23 00-0536	MO		8' x 8' Manhole Box.....	1,477.64	
01 22 23 00-0537 Trenchers (01 22 23 00-0268)					
Note: Includes full-time operator. Excludes delivery, set-up, and removal.					
01 22 23 00-0538	DAY		4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,199.80	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0539	WK		4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	5,459.95	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0540	MO		4' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	21,838.21	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0541	DAY		5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	1,770.58	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
01 22 23 00-0542	WK		5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	7,383.69	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
01 22 23 00-0543	MO		5' Maximum Trench Depth, Ride-On Trencher With Full-Time Operator.....	27,123.21	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
01 22 23 00-0544 Portable Sediment Tank (01 22 23 00-0268)					
Note: Includes delivery to job site and pick-up when complete.					
01 22 23 00-0545	WK		Portable Sediment Tank.....	196.36	
01 22 23 00-0546	MO		Portable Sediment Tank.....	576.00	
01 22 23 00-0547 Heavy Equipment (Ground Protection) Mats (01 22 23 00-0268)					
Note: Rental price per mat. Excludes placement, moving, mobilization and demobilization. See CSI section 01 22 23 00-0268 for equipment for offloading/reloading from delivery vehicle, placing, and moving mats, 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.					
01 22 23 00-0548	DAY		14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	21.03	
01 22 23 00-0549	WK		14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	50.08	
01 22 23 00-0550	MO		14' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	105.16	
01 22 23 00-0551	DAY		16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	22.08	
01 22 23 00-0552	WK		16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	52.58	
01 22 23 00-0553	MO		16' Width x 8' Length, 6" Thick, 3-Ply Laminated Heavy Equipment Mat.....	110.42	
01 22 23 00-0554	Day		16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	17.88	
01 22 23 00-0555	WK		16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	42.06	
01 22 23 00-0556	MO		16' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	89.39	
01 22 23 00-0557	Day		18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat.....	19.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0558 WK 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	47.32	
01 22 23 00-0559 MO 18' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	99.90	
01 22 23 00-0560 Day 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	22.08	
01 22 23 00-0561 WK 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	52.58	
01 22 23 00-0562 MO 20' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	110.42	
01 22 23 00-0563 Day 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	24.19	
01 22 23 00-0564 WK 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	57.59	
01 22 23 00-0565 MO 24' Width x 4' Length, 8" Thick Hardwood Timbers, Dragline/Excavator Mat	120.93	
01 22 23 00-0566 Day 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	18.93	
01 22 23 00-0567 WK 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	52.58	
01 22 23 00-0568 MO 12' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	94.64	
01 22 23 00-0569 Day 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	22.08	
01 22 23 00-0570 WK 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	52.58	
01 22 23 00-0571 MO 16' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	110.42	
01 22 23 00-0572 Day 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	26.29	
01 22 23 00-0573 WK 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	57.84	
01 22 23 00-0574 MO 20' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	131.45	
01 22 23 00-0575 Day 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	28.39	
01 22 23 00-0576 WK 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	67.60	
01 22 23 00-0577 MO 24' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	141.97	
01 22 23 00-0578 Day 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	30.50	
01 22 23 00-0579 WK 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	72.61	
01 22 23 00-0580 MO 28' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	152.48	
01 22 23 00-0581 Day 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	31.55	
01 22 23 00-0582 WK 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	75.11	
01 22 23 00-0583 MO 30' Width x 4' Length, 12" Thick Hardwood Timbers, Crane Mat	157.74	
01 22 23 00-0584 Day 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	10.12	
01 22 23 00-0585 WK 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	25.29	
01 22 23 00-0586 MO 14' Width x 8' Length, 2-3/4" Thick, Laminated Heavy Equipment Mat (Emtek™)	75.87	
01 22 23 00-0587 Day 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	12.09	
01 22 23 00-0588 WK 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.23	
01 22 23 00-0589 MO 14' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	90.70	
01 22 23 00-0590 Day 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	13.81	
01 22 23 00-0591 WK 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	34.53	
01 22 23 00-0592 MO 16' Width x 8' Length, 3-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	103.58	
01 22 23 00-0593 Day 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.72	
01 22 23 00-0594 WK 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	36.81	
01 22 23 00-0595 MO 14' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	110.42	
01 22 23 00-0596 Day 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	16.83	
01 22 23 00-0597 WK 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	42.06	
01 22 23 00-0598 MO 16' Width x 8' Length, 4-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	126.19	
01 22 23 00-0599 Day 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	19.34	
01 22 23 00-0600 WK 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	48.34	
01 22 23 00-0601 MO 16' Width x 8' Length, 5-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	145.02	
01 22 23 00-0602 Day 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	14.88	
01 22 23 00-0603 WK 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	37.19	
01 22 23 00-0604 MO 24' Width x 4' Length, 6" Thick, Laminated Heavy Equipment Mat (Emtek™)	111.57	
01 22 23 00-0605 Day 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	20.14	
01 22 23 00-0606 WK 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	50.35	
01 22 23 00-0607 MO 30' Width x 4' Length, 6-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	151.06	
01 22 23 00-0608 Day 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	17.41	
01 22 23 00-0609 WK 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	43.54	
01 22 23 00-0610 MO 24' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	130.61	
01 22 23 00-0611 Day 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	29.04	
01 22 23 00-0612 WK 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	72.61	
01 22 23 00-0613 MO 40' Width x 4' Length, 7-1/2" Thick, Laminated Heavy Equipment Mat (Emtek™)	217.83	
01 22 23 00-0614 Day 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	30.96	
01 22 23 00-0615 WK 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	77.40	
01 22 23 00-0616 MO 40' Width x 4' Length, 8" Thick, Laminated Heavy Equipment Mat (Emtek™)	232.19	

01 22 23 00-0617 Electrical Equipment (01 22 23)

01 22 23 00-0618 Tripod Mounted Floodlights (01 22 23 00-0617)

Note: Includes delivery to job site and pick-up when complete.

01 22 23 00-0619 DAY 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	73.05
01 22 23 00-0620 WK 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	172.83
01 22 23 00-0621 MO 500 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	365.27
01 22 23 00-0622 DAY 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	73.05
01 22 23 00-0623 WK 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	213.82
01 22 23 00-0624 MO 1,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	632.54
01 22 23 00-0625 DAY 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	81.96
01 22 23 00-0626 WK 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	222.72
01 22 23 00-0627 MO 2,000 Watt, 115 Volt, 2 Lamp, Portable Light Stand With Tripod	543.45

01 22 23 00-0628 Trailer Mounted Floodlights (01 22 23 00-0617)

Note: Includes delivery to job site and pick-up when complete. Excludes operator.

01 22 23 00-0629 DAY 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	204.91
01 22 23 00-0630 WK 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	454.36
01 22 23 00-0631 MO 4 x 1,000 Watt Floodlights, 30' Telescoping Tower, Diesel Power Trailer Mounted Light Tower	979.99

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0632			Generator Sets <small>(01 22 23 00-0617)</small>		
01 22 23 00-0633			Portable, Gas Powered Generator Sets <small>(01 22 23 00-0632)</small> Note: With 24 hour day-tank. Includes delivery to job site and pick-up when complete. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0775 for reimbursable fuel fees.		
01 22 23 00-0634	DAY		3.6 KW, 8 HP Gas Powered Generator Set.....56.18 Note: Fuel consumption: 100% load – 0.54 gallons per hour <i>For LP Or NG Gas, Add</i> 7.02 <i>For >160 To 320 Hours Usage Per Month, Add</i> 28.09		
01 22 23 00-0635	WK		3.6 KW, 8 HP Gas Powered Generator Set.....202.52 Note: Fuel consumption: 100% load – 0.54 gallons per hour <i>For LP Or NG Gas, Add</i> 25.32		
01 22 23 00-0636	MO		3.6 KW, 8 HP Gas Powered Generator Set.....561.84 Note: Fuel consumption: 100% load – 0.54 gallons per hour <i>For LP Or NG Gas, Add</i> 70.23		
01 22 23 00-0637	DAY		5 KW, 11 HP Gas Powered Generator Set.....79.70 Note: Fuel consumption: 100% load – 0.75 gallons per hour <i>For LP Or NG Gas, Add</i> 9.96		
01 22 23 00-0638	WK		5 KW, 11 HP Gas Powered Generator Set.....254.79 Note: Fuel consumption: 100% load – 0.75 gallons per hour <i>For LP Or NG Gas, Add</i> 31.85		
01 22 23 00-0639	MO		5 KW, 11 HP Gas Powered Generator Set.....581.44 Note: Fuel consumption: 100% load – 0.75 gallons per hour <i>For LP Or NG Gas, Add</i> 72.68		
01 22 23 00-0640	DAY		6.5 KW, 13 HP Gas Powered Generator Set.....101.91 Note: Fuel consumption: 100% load – 0.975 gallons per hour <i>For LP Or NG Gas, Add</i> 12.74		
01 22 23 00-0641	WK		6.5 KW, 13 HP Gas Powered Generator Set.....274.39 Note: Fuel consumption: 100% load – 0.975 gallons per hour <i>For LP Or NG Gas, Add</i> 34.30		
01 22 23 00-0642	MO		6.5 KW, 13 HP Gas Powered Generator Set.....757.83 Note: Fuel consumption: 100% load – 0.975 gallons per hour <i>For LP Or NG Gas, Add</i> 94.73		
01 22 23 00-0643	DAY		10 KW, 18 HP Gas Powered Generator Set.....113.67 Note: Fuel consumption: 100% load – 1.5 gallons per hour <i>For LP Or NG Gas, Add</i> 14.21		
01 22 23 00-0644	WK		10 KW, 18 HP Gas Powered Generator Set.....307.05 Note: Fuel consumption: 100% load – 1.5 gallons per hour <i>For LP Or NG Gas, Add</i> 38.38		
01 22 23 00-0645	MO		10 KW, 18 HP Gas Powered Generator Set.....881.96 Note: Fuel consumption: 100% load – 1.5 gallons per hour <i>For LP Or NG Gas, Add</i> 110.25		
01 22 23 00-0646			Towable, Diesel Powered Generator Sets <small>(01 22 23 00-0632)</small> Note: Includes 24 hour day-tank on sizes up to 180KW, 40 hour day-tank for sizes greater than 180KW To 300 KW and 1000 gallon for sizes greater than 300KW. Multi-voltage transformer unless stated otherwise, trailer mounted including sound attenuation and control panel. Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0775 for reimbursable fuel fees.		
01 22 23 00-0647	DAY		20 KW, 60 Hertz Towable Diesel Powered Generator Set.....233.88 Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 116.94 <i>For >16 To 24 Hours Usage Per Day, Add</i> 233.88		
01 22 23 00-0648	WK		20 KW, 60 Hertz Towable Diesel Powered Generator Set.....611.49 Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 305.75 <i>For >80 Hours Usage Per Week, Add</i> 611.49		
01 22 23 00-0649	MO		20 KW, 60 Hertz Towable Diesel Powered Generator Set.....1,665.92 Note: Fuel consumption: 100% load – 1.6 gallons per hour, 75% load - 1.3 gallons per hour, 50% load - 0.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 832.96 <i>For >320 Hours Usage Per Month, Add</i> 1,665.92		
01 22 23 00-0650	DAY		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....375.44 Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 187.72 <i>For >16 To 24 Hours Usage Per Day, Add</i> 375.44		
01 22 23 00-0651	WK		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....1,114.21 Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 557.11 <i>For >80 Hours Usage Per Week, Add</i> 1,114.21		
01 22 23 00-0652	MO		30 KW, 60 Hertz Towable Diesel Powered Generator Set.....2,301.09 Note: Fuel consumption: 100% load – 2.9 gallons per hour, 75% load - 2.4 gallons per hour, 50% load - 1.8 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 1,150.55 <i>For >320 Hours Usage Per Month, Add</i> 2,301.09		
01 22 23 00-0653	DAY		40.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....411.77 Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 205.89 <i>For >16 To 24 Hours Usage Per Day, Add</i> 411.77		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0654 WK 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,150.54 Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 575.27 <i>For >80 Hours Usage Per Week, Add</i> 1,150.54		
01 22 23 00-0655 MO 40.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,543.31 Note: Fuel consumption: 100% load - 4.0 gallons per hour, 75% load - 3.2 gallons per hour, 50% load - 2.3 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 1,271.66 <i>For >320 Hours Usage Per Month, Add</i> 2,543.31		
01 22 23 00-0656 DAY 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set 442.05 Note: Fuel consumption: 100% load - 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 221.03 <i>For >16 To 24 Hours Usage Per Day, Add</i> 442.05		
01 22 23 00-0657 WK 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,211.10 Note: Fuel consumption: 100% load - 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 605.55 <i>For >80 Hours Usage Per Week, Add</i> 1,211.10		
01 22 23 00-0658 MO 55.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,906.64 Note: Fuel consumption: 100% load - 4.8 gallons per hour, 75% load - 3.8 gallons per hour, 50% load - 2.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 1,453.32 <i>For >320 Hours Usage Per Month, Add</i> 2,906.64		
01 22 23 00-0659 DAY 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set 484.44 Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 242.22 <i>For >16 To 24 Hours Usage Per Day, Add</i> 484.44		
01 22 23 00-0660 WK 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,374.60 Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 687.30 <i>For >80 Hours Usage Per Week, Add</i> 1,374.60		
01 22 23 00-0661 MO 70.0 KW, 60 Hertz Towable Diesel Powered Generator Set 3,269.97 Note: Fuel consumption: 100% load - 5.7 gallons per hour, 75% load - 4.3 gallons per hour, 50% load - 3.2 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 1,634.99 <i>For >320 Hours Usage Per Month, Add</i> 3,269.97		
01 22 23 00-0662 DAY 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set 545.00 Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 272.50 <i>For >16 To 24 Hours Usage Per Day, Add</i> 545.00		
01 22 23 00-0663 WK 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,453.32 Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 726.66 <i>For >80 Hours Usage Per Week, Add</i> 1,453.32		
01 22 23 00-0664 MO 80.0 KW, 60 Hertz Towable Diesel Powered Generator Set 3,633.30 Note: Fuel consumption: 100% load - 6.5 gallons per hour, 75% load - 4.9 gallons per hour, 50% load - 3.6 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 1,816.65 <i>For >320 Hours Usage Per Month, Add</i> 3,633.30		
01 22 23 00-0665 DAY 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set 563.16 Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 281.58 <i>For >16 To 24 Hours Usage Per Day, Add</i> 563.16		
01 22 23 00-0666 WK 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,513.88 Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 756.94 <i>For >80 Hours Usage Per Week, Add</i> 1,513.88		
01 22 23 00-0667 MO 100.0 KW, 60 Hertz Towable Diesel Powered Generator Set 4,117.74 Note: Fuel consumption: 100% load - 7.4 gallons per hour, 75% load - 5.8 gallons per hour, 50% load - 4.1 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 2,058.87 <i>For >320 Hours Usage Per Month, Add</i> 4,117.74		
01 22 23 00-0668 DAY 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set 635.83 Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 317.92 <i>For >16 To 24 Hours Usage Per Day, Add</i> 635.83		
01 22 23 00-0669 WK 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,756.10 Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 878.05 <i>For >80 Hours Usage Per Week, Add</i> 1,756.10		
01 22 23 00-0670 MO 120.0 KW, 60 Hertz Towable Diesel Powered Generator Set 4,723.29 Note: Fuel consumption: 100% load - 8.7 gallons per hour, 75% load - 6.8 gallons per hour, 50% load - 4.8 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 2,361.65 <i>For >320 Hours Usage Per Month, Add</i> 4,723.29		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0671	DAY		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	666.10	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	333.05	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	666.10	
01 22 23 00-0672	WK		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,846.93	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	923.47	
			<i>For >80 Hours Usage Per Week, Add</i>	1,846.93	
01 22 23 00-0673	MO		140.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,207.73	
			Note: Fuel consumption: 100% load - 10.2 gallons per hour, 75% load - 7.9 gallons per hour, 50% load - 5.6 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,603.87	
			<i>For >320 Hours Usage Per Month, Add</i>	5,207.73	
01 22 23 00-0674	DAY		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	696.38	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	348.19	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	696.38	
01 22 23 00-0675	WK		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,998.32	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	999.16	
			<i>For >80 Hours Usage Per Week, Add</i>	1,998.32	
01 22 23 00-0676	MO		150.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,449.95	
			Note: Fuel consumption: 100% load - 10.9 gallons per hour, 75% load - 8.4 gallons per hour, 50% load - 5.9 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,724.98	
			<i>For >320 Hours Usage Per Month, Add</i>	5,449.95	
01 22 23 00-0677	DAY		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	726.66	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	363.33	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	726.66	
01 22 23 00-0678	WK		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,119.42	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	1,059.71	
			<i>For >80 Hours Usage Per Week, Add</i>	2,119.42	
01 22 23 00-0679	MO		160.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,692.17	
			Note: Fuel consumption: 100% load - 11.6 gallons per hour, 75% load - 8.9 gallons per hour, 50% load - 6.2 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,846.09	
			<i>For >320 Hours Usage Per Month, Add</i>	5,692.17	
01 22 23 00-0680	DAY		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	726.66	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	363.33	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	726.66	
01 22 23 00-0681	WK		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,119.42	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	1,059.71	
			<i>For >80 Hours Usage Per Week, Add</i>	2,119.42	
01 22 23 00-0682	MO		175.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	5,692.17	
			Note: Fuel consumption: 100% load - 12.7 gallons per hour, 75% load - 9.7 gallons per hour, 50% load - 6.8 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	2,846.09	
			<i>For >320 Hours Usage Per Month, Add</i>	5,692.17	
01 22 23 00-0683	DAY		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	999.16	
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	499.58	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	999.16	
01 22 23 00-0684	WK		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,482.76	
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	1,241.38	
			<i>For >80 Hours Usage Per Week, Add</i>	2,482.76	
01 22 23 00-0685	MO		200.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	7,266.60	
			Note: Fuel consumption: 100% load - 14.4 gallons per hour, 75% load - 11.0 gallons per hour, 50% load - 7.7 gallons per hour.		
			<i>For >160 To 320 Hours Usage Per Month, Add</i>	3,633.30	
			<i>For >320 Hours Usage Per Month, Add</i>	7,266.60	
01 22 23 00-0686	DAY		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	1,059.71	
			Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
			<i>For >8 To 16 Hours Usage Per Day, Add</i>	529.86	
			<i>For >16 To 24 Hours Usage Per Day, Add</i>	1,059.71	
01 22 23 00-0687	WK		250.0 KW, 60 Hertz Towable Diesel Powered Generator Set.....	2,543.31	
			Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour.		
			<i>For >40 To 80 Hours Usage Per Week, Add</i>	1,271.66	
			<i>For >80 Hours Usage Per Week, Add</i>	2,543.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0688 MO 250.0 KW, 60 Hertz Towable Diesel Powered Generator Set 7,508.82 Note: Fuel consumption: 100% load - 19.8 gallons per hour, 75% load - 12.3 gallons per hour, 50% load - 8.6 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 3,754.41 <i>For >320 Hours Usage Per Month, Add</i> 7,508.82	7,508.82	
01 22 23 00-0689 DAY 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,120.27 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 560.14 <i>For >16 To 24 Hours Usage Per Day, Add</i> 1,120.27	1,120.27	
01 22 23 00-0690 WK 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,603.86 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,301.93 <i>For >80 Hours Usage Per Week, Add</i> 2,603.86	2,603.86	
01 22 23 00-0691 MO 275.0 KW, 60 Hertz Towable Diesel Powered Generator Set 7,751.04 Note: Fuel consumption: 100% load - 18.0 gallons per hour, 75% load - 13.6 gallons per hour, 50% load - 9.5 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 3,875.52 <i>For >320 Hours Usage Per Month, Add</i> 7,751.04	7,751.04	
01 22 23 00-0692 DAY 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,156.60 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 578.30 <i>For >16 To 24 Hours Usage Per Day, Add</i> 1,156.60	1,156.60	
01 22 23 00-0693 WK 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,785.53 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,392.77 <i>For >80 Hours Usage Per Week, Add</i> 2,785.53	2,785.53	
01 22 23 00-0694 MO 300.0 KW, 60 Hertz Towable Diesel Powered Generator Set 8,235.48 Note: Fuel consumption: 100% load - 21.5 gallons per hour, 75% load - 16.1 gallons per hour, 50% load - 11.3 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 4,117.74 <i>For >320 Hours Usage Per Month, Add</i> 8,235.48	8,235.48	
01 22 23 00-0695 DAY 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set 1,211.10 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 605.55 <i>For >16 To 24 Hours Usage Per Day, Add</i> 1,211.10	1,211.10	
01 22 23 00-0696 WK 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set 3,148.86 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 1,574.43 <i>For >80 Hours Usage Per Week, Add</i> 3,148.86	3,148.86	
01 22 23 00-0697 MO 350.0 KW, 60 Hertz Towable Diesel Powered Generator Set 9,083.25 Note: Fuel consumption: 100% load - 25.1 gallons per hour, 75% load - 18.7 gallons per hour, 50% load - 13.1 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 4,541.63 <i>For >320 Hours Usage Per Month, Add</i> 9,083.25	9,083.25	
01 22 23 00-0698 DAY 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set 2,729.96 Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 1,364.98 <i>For >16 To 24 Hours Usage Per Day, Add</i> 2,729.96	2,729.96	
01 22 23 00-0699 WK 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set 7,058.23 Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 3,529.12 <i>For >80 Hours Usage Per Week, Add</i> 7,058.23	7,058.23	
01 22 23 00-0700 MO 400.0 KW, 60 Hertz Towable Diesel Powered Generator Set 18,666.40 Note: Fuel consumption: 100% load - 28.6 gallons per hour, 75% load - 21.3 gallons per hour, 50% load - 14.9 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 9,333.20 <i>For >320 Hours Usage Per Month, Add</i> 18,666.40	18,666.40	
01 22 23 00-0701 DAY 500.0 KW, 60 Hertz Container Diesel Powered Generator Set 3,499.95 Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 1,749.98 <i>For >16 To 24 Hours Usage Per Day, Add</i> 3,499.95	3,499.95	
01 22 23 00-0702 WK 500.0 KW, 60 Hertz Container Diesel Powered Generator Set 9,099.87 Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. <i>For >40 To 80 Hours Usage Per Week, Add</i> 4,549.94 <i>For >80 Hours Usage Per Week, Add</i> 9,099.87	9,099.87	
01 22 23 00-0703 MO 500.0 KW, 60 Hertz Container Diesel Powered Generator Set 20,999.70 Note: Fuel consumption: 100% load - 35.7 gallons per hour, 75% load - 26.4 gallons per hour, 50% load - 18.5 gallons per hour. <i>For >160 To 320 Hours Usage Per Month, Add</i> 10,499.85 <i>For >320 Hours Usage Per Month, Add</i> 20,999.70	20,999.70	
01 22 23 00-0704 DAY 640.0 KW, 60 Hertz Container Diesel Powered Generator Set 4,328.27 Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour. <i>For >8 To 16 Hours Usage Per Day, Add</i> 2,164.14 <i>For >16 To 24 Hours Usage Per Day, Add</i> 4,328.27	4,328.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0705 WK 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	11,433.17	
Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	5,716.59	
For >80 Hours Usage Per Week, Add	11,433.17	
01 22 23 00-0706 MO 640.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	27,999.60	
Note: Fuel consumption: 100% load - 45.6 gallons per hour, 75% load - 33.5 gallons per hour, 50% load - 20.8 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	13,999.80	
For >320 Hours Usage Per Month, Add	27,999.60	
01 22 23 00-0707 DAY 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	4,678.27	
Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
For >8 To 16 Hours Usage Per Day, Add	2,339.14	
For >16 To 24 Hours Usage Per Day, Add	4,678.27	
01 22 23 00-0708 WK 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	10,779.85	
Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
For >40 To 80 Hours Usage Per Week, Add	5,389.93	
For >80 Hours Usage Per Week, Add	10,779.85	
01 22 23 00-0709 MO 750.0 KW, 60 Hertz Container Diesel Powered Generator Set.....	32,339.54	
Note: Fuel consumption: 100% load - 53.4 gallons per hour, 75% load - 39.3 gallons per hour, 50% load - 24.4 gallons per hour.		
For >160 To 320 Hours Usage Per Month, Add	16,169.77	
For >320 Hours Usage Per Month, Add	32,339.54	
01 22 23 00-0710 EA Up To 300 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	947.90	
01 22 23 00-0711 EA 350 To 750 KW Generator Set Delivery, Set-Up, Testing And Pick-up.....	1,532.47	
01 22 23 00-0712 Generator Accessories (01 22 23 00-0632)		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0713 Step Down Transformer (01 22 23 00-0712)		
01 22 23 00-0714 WK 75 KVA, 480-208 Volt, Step Down Transformer.....	357.27	
01 22 23 00-0715 MO 75 KVA, 480-208 Volt, Step Down Transformer.....	999.16	
01 22 23 00-0716 WK 150 KVA, 480-208 Volt, Step Down Transformer.....	572.85	
01 22 23 00-0717 MO 150 KVA, 480-208 Volt, Step Down Transformer.....	1,717.34	
01 22 23 00-0718 WK 225 KVA, 480-208 Volt, Step Down Transformer.....	762.99	
01 22 23 00-0719 MO 225 KVA, 480-208 Volt, Step Down Transformer.....	2,288.98	
01 22 23 00-0720 WK 500 KVA, 480-208 Volt, Step Down Transformer.....	908.32	
01 22 23 00-0721 MO 500 KVA, 480-208 Volt, Step Down Transformer.....	2,724.98	
01 22 23 00-0722 WK 1,000 KVA, 4,160/480 Volt, Step Down Transformer.....	1,356.43	
01 22 23 00-0723 MO 1,000 KVA, 4,160/480 Volt, Step Down Transformer.....	4,051.13	
01 22 23 00-0724 WK 1,500 KVA, 4,160/480 Volt, Step Down Transformer.....	2,204.20	
01 22 23 00-0725 MO 1,500 KVA, 4,160/480 Volt, Step Down Transformer.....	6,606.55	
01 22 23 00-0726 WK 2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer.....	2,543.31	
01 22 23 00-0727 MO 2,500 KVA, 480-13,800/4,160 Volt, Step Down Transformer.....	7,629.93	
01 22 23 00-0728 Portable Panel (01 22 23 00-0712)		
01 22 23 00-0729 WK 100 Amperes, Portable Panel.....	284.61	
01 22 23 00-0730 MO 100 Amperes, Portable Panel.....	726.66	
01 22 23 00-0731 WK 200 Amperes, Portable Panel.....	340.32	
01 22 23 00-0732 MO 200 Amperes, Portable Panel.....	908.32	
01 22 23 00-0733 WK 400 Amperes, Portable Panel.....	363.33	
01 22 23 00-0734 MO 400 Amperes, Portable Panel.....	1,089.99	
01 22 23 00-0735 Portable Fusible Disconnect (01 22 23 00-0712)		
01 22 23 00-0736 WK 100 - 200 Amperes, Portable Fusible Disconnect.....	127.17	
01 22 23 00-0737 MO 100 - 200 Amperes, Portable Fusible Disconnect.....	381.50	
01 22 23 00-0738 WK 300 - 400 Amperes, Portable Fusible Disconnect.....	254.33	
01 22 23 00-0739 MO 300 - 400 Amperes, Portable Fusible Disconnect.....	762.99	
01 22 23 00-0740 Portable Transfer Switch (01 22 23 00-0712)		
01 22 23 00-0741 WK 100 Amperes, 480 Volt, Portable Transfer Switch.....	381.50	
01 22 23 00-0742 MO 100 Amperes, 480 Volt, Portable Transfer Switch.....	1,144.49	
01 22 23 00-0743 WK 200 Amperes, 480 Volt, Portable Transfer Switch.....	508.66	
01 22 23 00-0744 MO 200 Amperes, 480 Volt, Portable Transfer Switch.....	1,525.99	
01 22 23 00-0745 WK 400 Amperes, 480 Volt, Portable Transfer Switch.....	635.83	
01 22 23 00-0746 MO 400 Amperes, 480 Volt, Portable Transfer Switch.....	1,907.48	
01 22 23 00-0747 Cabling For Generator Sets (01 22 23 00-0632)		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0748 DAY #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	26.64	
01 22 23 00-0749 WK #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	46.63	
01 22 23 00-0750 MO #1 Banded Cable, 50' With Camlock Ends For Generator Set.....	139.88	
01 22 23 00-0751 DAY 50', 4/0 Cable With Camlock Ends For Generator Set.....	13.32	
01 22 23 00-0752 WK 50', 4/0 Cable With Camlock Ends For Generator Set.....	38.76	
01 22 23 00-0753 MO 50', 4/0 Cable With Camlock Ends For Generator Set.....	107.79	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0754				Resistive Loadbanks For Generator Sets (01 22 23 00-0632) Note: Includes delivery to job site and pick-up when complete. See CSI section 01 22 23 00-0775 for reimbursable fuel fees.		
	01 22 23 00-0755	DAY		100 KW A/C Resistive Loadbank.....	352.53	
	01 22 23 00-0756	WK		100 KW A/C Resistive Loadbank.....	670.50	
	01 22 23 00-0757	MO		100 KW A/C Resistive Loadbank.....	1,831.79	
	01 22 23 00-0758	DAY		650 KW A/C Resistive Loadbank.....	776.15	
	01 22 23 00-0759	WK		650 KW A/C Resistive Loadbank.....	2,075.62	
	01 22 23 00-0760	MO		650 KW A/C Resistive Loadbank.....	5,291.95	
01 22 23 00-0761				Sub-Distribution Panels (Spider Box) For Generator Sets (01 22 23 00-0632) Note: Includes delivery to job site and pick-up when complete.		
	01 22 23 00-0762	DAY		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	65.40	
	01 22 23 00-0763	WK		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	169.55	
	01 22 23 00-0764	MO		50 Amperes, 240 Volt, Single Phase, Sub-Distribution Panel (Spider Box).....	478.38	
01 22 23 00-0765				Portable Distribution Panels For Generator Sets (01 22 23 00-0632) Note: Includes delivery to job site and pick-up when complete.		
	01 22 23 00-0766	DAY		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	145.33	
	01 22 23 00-0767	WK		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	393.61	
	01 22 23 00-0768	MO		200 Amperes, 208 Volt, 3 Phase, Portable Spider Box Feeder Panel.....	1,102.10	
	01 22 23 00-0769	DAY		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	118.69	
	01 22 23 00-0770	WK		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	308.83	
	01 22 23 00-0771	MO		100 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	878.05	
	01 22 23 00-0772	DAY		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	151.39	
	01 22 23 00-0773	WK		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	381.50	
	01 22 23 00-0774	MO		200 Amperes, 208 Volt, 3 Phase, Portable Quad Box Panel.....	1,035.49	
01 22 23 00-0775				Fuel Reimbursement For Generators (01 22 23 00-0632)		
	01 22 23 00-0776	EA		Fuel Reimbursement For Generators.....	1.00	
				Note: Purchases made by the contractor for fuel will be reimbursed to the Contractor at the actual cost of the purchase, without mark-up, for which a receipt or bill is received. The Adjustment Factor applied to Reimbursable Fees will be 1.0000. The base cost of the purchase is \$1.00, quantity will adjust cost to actual purchase cost; i.e., quantity of 125 = \$125.00 purchase. If there are multiple purchases, each one shall be listed separately with a comment in the "note" block to identify the purchase.		
01 22 23 00-0777				Portable Floor Drying Fans (01 22 23 00-0617) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
	01 22 23 00-0778	DAY		2,250 CFM Portable Floor Drying Fan.....	24.29	
	01 22 23 00-0779	WK		2,250 CFM Portable Floor Drying Fan.....	112.35	
	01 22 23 00-0780	MO		2,250 CFM Portable Floor Drying Fan.....	371.98	
01 22 23 00-0781				Welding Machines (01 22 23 00-0617) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0782				CC/CV Inverter Welder (01 22 23 00-0781) Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0775 for reimbursable fuel fees.		
	01 22 23 00-0783	DAY		250 Amperes, CC Inverter Welder.....	41.08	
	01 22 23 00-0784	WK		250 Amperes, CC Inverter Welder.....	89.50	
	01 22 23 00-0785	MO		250 Amperes, CC Inverter Welder.....	271.43	
	01 22 23 00-0786	DAY		300 Amperes, CC/CV Inverter Welder.....	46.95	
	01 22 23 00-0787	WK		300 Amperes, CC/CV Inverter Welder.....	124.71	
	01 22 23 00-0788	MO		300 Amperes, CC/CV Inverter Welder.....	330.12	
	01 22 23 00-0789	DAY		350 Amperes, CC/CV Inverter Welder.....	48.42	
	01 22 23 00-0790	WK		350 Amperes, CC/CV Inverter Welder.....	127.65	
	01 22 23 00-0791	MO		350 Amperes, CC/CV Inverter Welder.....	359.46	
01 22 23 00-0792				MIG Welder (01 22 23 00-0781) Note: Excludes cables, operator and fuel costs. See CSI section 01 22 23 00-0775 for reimbursable fuel fees.		
	01 22 23 00-0793	DAY		115 Volt MIG Welder.....	70.43	
	01 22 23 00-0794	WK		115 Volt MIG Welder.....	183.40	
	01 22 23 00-0795	MO		115 Volt MIG Welder.....	498.85	
01 22 23 00-0796				Diesel Powered Towable Welding Machines (01 22 23 00-0781) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
	01 22 23 00-0797	DAY		250 To 299 Amperes, Diesel Powered Towable Welding Machine.....	132.05	
	01 22 23 00-0798	WK		250 To 299 Amperes, Diesel Powered Towable Welding Machine.....	322.78	
	01 22 23 00-0799	MO		250 To 299 Amperes, Diesel Powered Towable Welding Machine.....	770.28	
	01 22 23 00-0800	DAY		300 To 349 Amperes, Diesel Powered Towable Welding Machine.....	176.06	
	01 22 23 00-0801	WK		300 To 349 Amperes, Diesel Powered Towable Welding Machine.....	344.79	
	01 22 23 00-0802	MO		300 To 349 Amperes, Diesel Powered Towable Welding Machine.....	805.49	
	01 22 23 00-0803	DAY		350 To 399 Amperes, Diesel Powered Towable Welding Machine.....	183.40	
	01 22 23 00-0804	WK		350 To 399 Amperes, Diesel Powered Towable Welding Machine.....	366.80	
	01 22 23 00-0805	MO		350 To 399 Amperes, Diesel Powered Towable Welding Machine.....	894.99	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0806			General Equipment (01 22 23)		
01 22 23 00-0807			Pressure Washers (01 22 23 00-0806)		
			Note: Includes delivery to job site, pick-up when complete and full time operator.		
01 22 23 00-0808	DAY		2,000 PSI Pressure Washer With Full-Time Operator	810.16	
			<i>For Equipment Without Operator, Deduct</i>	-652.65	
01 22 23 00-0809	WK		2,000 PSI Pressure Washer With Full-Time Operator	3,663.11	
			<i>For Equipment Without Operator, Deduct</i>	-3,263.27	
01 22 23 00-0810	MO		2,000 PSI Pressure Washer With Full-Time Operator	15,158.64	
			<i>For Equipment Without Operator, Deduct</i>	-14,140.85	
01 22 23 00-0811	DAY		2,500 PSI Pressure Washer With Full-Time Operator	810.16	
			<i>For Equipment Without Operator, Deduct</i>	-652.65	
01 22 23 00-0812	WK		2,500 PSI Pressure Washer With Full-Time Operator	3,663.11	
			<i>For Equipment Without Operator, Deduct</i>	-3,263.27	
01 22 23 00-0813	MO		2,500 PSI Pressure Washer With Full-Time Operator	15,158.64	
			<i>For Equipment Without Operator, Deduct</i>	-14,140.85	
01 22 23 00-0814	DAY		3,000 PSI Pressure Washer With Full-Time Operator	810.16	
			<i>For Equipment Without Operator, Deduct</i>	-652.65	
01 22 23 00-0815	WK		3,000 PSI Pressure Washer With Full-Time Operator	3,663.11	
			<i>For Equipment Without Operator, Deduct</i>	-3,263.27	
01 22 23 00-0816	MO		3,000 PSI Pressure Washer With Full-Time Operator	15,158.64	
			<i>For Equipment Without Operator, Deduct</i>	-14,140.85	
01 22 23 00-0817	DAY		3,500 PSI Pressure Washer With Full-Time Operator	822.28	
			<i>For Equipment Without Operator, Deduct</i>	-652.65	
01 22 23 00-0818	WK		3,500 PSI Pressure Washer With Full-Time Operator	3,699.46	
			<i>For Equipment Without Operator, Deduct</i>	-3,263.27	
01 22 23 00-0819	MO		3,500 PSI Pressure Washer With Full-Time Operator	15,255.57	
			<i>For Equipment Without Operator, Deduct</i>	-14,140.85	
01 22 23 00-0820	DAY		4,000 PSI Pressure Washer With Full-Time Operator	870.75	
			<i>For Equipment Without Operator, Deduct</i>	-652.65	
01 22 23 00-0821	WK		4,000 PSI Pressure Washer With Full-Time Operator	3,856.98	
			<i>For Equipment Without Operator, Deduct</i>	-3,263.27	
01 22 23 00-0822	MO		4,000 PSI Pressure Washer With Full-Time Operator	15,800.81	
			<i>For Equipment Without Operator, Deduct</i>	-14,140.85	
01 22 23 00-0823	DAY		5,000 PSI Pressure Washer With Full-Time Operator	894.98	
			<i>For Equipment Without Operator, Deduct</i>	-652.65	
01 22 23 00-0824	WK		5,000 PSI Pressure Washer With Full-Time Operator	3,917.56	
			<i>For Equipment Without Operator, Deduct</i>	-3,263.27	
01 22 23 00-0825	MO		5,000 PSI Pressure Washer With Full-Time Operator	15,982.56	
			<i>For Equipment Without Operator, Deduct</i>	-14,140.85	
01 22 23 00-0826			Jacks And Bracing (01 22 23 00-0806)		
			Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-0827			Manual Hydraulic Jacks (01 22 23 00-0826)		
01 22 23 00-0828	DAY		12 Ton Manual Hydraulic Bottle Jack	1.67	
01 22 23 00-0829	WK		12 Ton Manual Hydraulic Bottle Jack	7.93	
01 22 23 00-0830	MO		12 Ton Manual Hydraulic Bottle Jack	28.50	
01 22 23 00-0831	DAY		20 Ton Manual Hydraulic Bottle Jack	2.92	
01 22 23 00-0832	WK		20 Ton Manual Hydraulic Bottle Jack	9.18	
01 22 23 00-0833	MO		20 Ton Manual Hydraulic Bottle Jack	34.76	
01 22 23 00-0834	DAY		50 Ton Manual Hydraulic Bottle Jack	10.43	
01 22 23 00-0835	WK		50 Ton Manual Hydraulic Bottle Jack	40.49	
01 22 23 00-0836	MO		50 Ton Manual Hydraulic Bottle Jack	145.66	
01 22 23 00-0837	DAY		100 Ton Manual Hydraulic Bottle Jack	14.61	
01 22 23 00-0838	WK		100 Ton Manual Hydraulic Bottle Jack	58.43	
01 22 23 00-0839	MO		100 Ton Manual Hydraulic Bottle Jack	210.46	
01 22 23 00-0840			Manual Screw Jacks (01 22 23 00-0826)		
01 22 23 00-0841	DAY		10 To 20 Ton Manual Screw Jack	17.00	
01 22 23 00-0842	WK		10 To 20 Ton Manual Screw Jack	45.00	
01 22 23 00-0843	MO		10 To 20 Ton Manual Screw Jack	135.00	
01 22 23 00-0844			Confined Space Entry Equipment (01 22 23 00-0806)		
			Note: Includes delivery to job site, set-up, and pick-up when complete.		
01 22 23 00-0845	DAY		Ventilation Equipment For Confined Space	53.61	
			Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0846	WK		Ventilation Equipment For Confined Space	160.84	
			Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0847	MO		Ventilation Equipment For Confined Space	479.96	
			Note: Includes electric or gas blower and ventilation duct up to 25'.		
01 22 23 00-0848	DAY		Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	62.75	
01 22 23 00-0849	WK		Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	188.24	
01 22 23 00-0850	MO		Confined Space Air Monitor, Tripod, Harness, Cables, SCBAs And Complete Assembly	564.73	
01 22 23 00-0851	DAY		Confined Space Air Monitor Personnel	861.56	
			Note: Per person day.		
01 22 23 00-0852			High Volume Vacuums (01 22 23 00-0806)		
			Note: Includes delivery to job site, set-up, pick-up when complete and full time operator.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0853 DAY 500 Gallon High Volume Vacuum With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	1,418.48 -861.56	
01 22 23 00-0854 WK 500 Gallon High Volume Vacuum With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	5,867.21 -4,307.82	
01 22 23 00-0855 MO 500 Gallon High Volume Vacuum With Full-Time Operator..... <i>For Equipment Without Operator, Deduct</i>	24,013.69 -18,667.21	
01 22 23 00-0856 Portable Dehumidifiers (01 22 23 00-0806) Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0857 DAY 7.5 To 10 Gallons Per Day, Portable Dehumidifier	73.87	
01 22 23 00-0858 WK 7.5 To 10 Gallons Per Day, Portable Dehumidifier	241.76	
01 22 23 00-0859 MO 7.5 To 10 Gallons Per Day, Portable Dehumidifier	684.98	
01 22 23 00-0860 DAY 16 To 25 Gallons Per Day, Portable Dehumidifier	108.79	
01 22 23 00-0861 WK 16 To 25 Gallons Per Day, Portable Dehumidifier	349.21	
01 22 23 00-0862 MO 16 To 25 Gallons Per Day, Portable Dehumidifier	973.75	
01 22 23 00-0863 Direct Fired Space Heaters (01 22 23 00-0806) Note: Includes delivery to job site, set-up, and pick-up when complete. Excludes operator.		
01 22 23 00-0864 DAY 150,000 BTU/Hour Space Heater	72.98	
01 22 23 00-0865 WK 150,000 BTU/Hour Space Heater	209.83	
01 22 23 00-0866 MO 150,000 BTU/Hour Space Heater	593.00	
01 22 23 00-0867 DAY 500,000 BTU/Hour Space Heater	155.09	
01 22 23 00-0868 WK 500,000 BTU/Hour Space Heater	383.17	
01 22 23 00-0869 MO 500,000 BTU/Hour Space Heater	968.86	
01 22 23 00-0870 Mowers (01 22 23 00-0806) Note: Includes delivery to job site and pick-up when complete. Excludes operator.		
01 22 23 00-0871 DAY 21" Walk Behind Lawn Mower	91.79	
01 22 23 00-0872 WK 21" Walk Behind Lawn Mower	263.89	
01 22 23 00-0873 MO 21" Walk Behind Lawn Mower	539.25	
01 22 23 00-0874 DAY 32" Walk Behind Lawn Mower	114.74	
01 22 23 00-0875 WK 32" Walk Behind Lawn Mower	275.36	
01 22 23 00-0876 MO 32" Walk Behind Lawn Mower	573.68	
01 22 23 00-0877 DAY 36" To 48" Walk Behind Deck Mower	206.52	
01 22 23 00-0878 WK 36" To 48" Walk Behind Deck Mower	573.68	
01 22 23 00-0879 MO 36" To 48" Walk Behind Deck Mower	1,663.66	
01 22 23 00-0880 DAY 61" To 72" Walk Behind Deck Mower	206.52	
01 22 23 00-0881 WK 61" To 72" Walk Behind Deck Mower	573.68	
01 22 23 00-0882 MO 61" To 72" Walk Behind Deck Mower	1,663.66	
01 22 23 00-0883 Material Handling Equipment (01 22 23)		
01 22 23 00-0884 Truck Mounted Hydraulic Cranes (01 22 23 00-0883) Note: Includes full-time operator, delivery, set-up, rigging, and removal time in rental period. Excludes lattice boom extension.		
01 22 23 00-0885 DAY 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,415.19	
<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0886 WK 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,113.80	
<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0887 MO 6 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	24,535.27	
<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0888 DAY 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,544.44	
<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0889 WK 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,497.96	
<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0890 MO 8 To 9 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	25,684.15	
<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0891 DAY 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,673.69	
<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0892 WK 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	6,882.12	
<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0893 MO 14 To 15 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	26,833.03	
<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0894 DAY 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	1,846.02	
<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0895 WK 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	7,399.11	
<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0896 MO 20 To 25 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	28,376.84	
<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0897 DAY 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,004.00	
<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0898 WK 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	8,469.01	
<i>For Equipment Without Operator, Deduct</i>	-4,634.62	
01 22 23 00-0899 MO 30 To 35 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	31,583.65	
<i>For Equipment Without Operator, Deduct</i>	-20,083.36	
01 22 23 00-0900 DAY 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	2,377.38	
<i>For Equipment Without Operator, Deduct</i>	-926.92	
01 22 23 00-0901 WK 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator	9,804.58	
<i>For Equipment Without Operator, Deduct</i>	-4,634.62	

01	General Requirements
01 20	Price and Payment Procedures
01 22	Unit Prices

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0902 MO 40 To 45 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	35,593.24 -20,083.36	
01 22 23 00-0903 DAY 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,614.34 -926.92	
01 22 23 00-0904 WK 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,637.52 -4,634.62	
01 22 23 00-0905 MO 50 To 55 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	38,097.80 -20,083.36	
01 22 23 00-0906 DAY 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,801.03 -926.92	
01 22 23 00-0907 WK 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	11,312.48 -4,634.62	
01 22 23 00-0908 MO 60 To 65 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	40,119.83 -20,083.36	
01 22 23 00-0909 DAY 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,987.72 -926.92	
01 22 23 00-0910 WK 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	11,987.45 -4,634.62	
01 22 23 00-0911 MO 70 To 75 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	42,141.86 -20,083.36	
01 22 23 00-0912 DAY 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,109.79 -926.92	
01 22 23 00-0913 WK 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	12,403.92 -4,634.62	
01 22 23 00-0914 MO 85 To 90 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	43,405.62 -20,083.36	
01 22 23 00-0915 DAY 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,274.94 -926.92	
01 22 23 00-0916 WK 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	13,021.44 -4,634.62	
01 22 23 00-0917 MO 100 To 110 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	45,243.83 -20,083.36	
01 22 23 00-0918 DAY 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Half Day Usage, Deduct</i>	3,806.30 -926.92 -1,151.75	
01 22 23 00-0919 WK 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	14,712.45 -4,634.62	
01 22 23 00-0920 MO 120 To 125 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	50,316.86 -20,083.36	
01 22 23 00-0921 DAY 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Half Day Usage, Deduct</i>	4,172.51 -926.92 -1,298.24	
01 22 23 00-0922 WK 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	15,994.17 -4,634.62	
01 22 23 00-0923 MO 140 To 150 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	54,162.01 -20,083.36	
01 22 23 00-0924 DAY 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Half Day Usage, Deduct</i>	4,833.11 -926.92 -1,562.48	
01 22 23 00-0925 WK 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	18,306.29 -4,634.62	
01 22 23 00-0926 MO 175 To 185 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	61,098.38 -20,083.36	
01 22 23 00-0927 DAY 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Half Day Usage, Deduct</i>	5,292.66 -926.92 -1,746.30	
01 22 23 00-0928 WK 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	19,914.72 -4,634.62	
01 22 23 00-0929 MO 200 To 210 Ton Lift, Truck Mounted Hydraulic Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	65,923.67 -20,083.36	
01 22 23 00-0930 Cable Controlled Lattice Boom, Mechanical Cranes <small>(01 22 23 00-0883)</small> Note: Includes full-time operator. Excludes delivery, set-up, and removal. See CSI section 01 71 13 00-0004 for lattice crane delivery.		
01 22 23 00-0931 DAY 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	2,650.24 -926.92	
01 22 23 00-0932 WK 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	10,781.13 -4,634.62	
01 22 23 00-0933 MO 75 To 80 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	38,522.88 -20,083.36	
01 22 23 00-0934 DAY 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	3,978.63 -926.92	
01 22 23 00-0935 WK 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	12,992.72 -4,634.62	
01 22 23 00-0936 MO 100 To 110 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	45,157.67 -20,083.36	
01 22 23 00-0937 DAY 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,194.05 -926.92	
01 22 23 00-0938 WK 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	14,565.25 -4,634.62	
01 22 23 00-0939 MO 125 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	49,873.82 -20,083.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0940 DAY 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,624.88 -926.92	
01 22 23 00-0941 WK 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	16,137.78 -4,634.62	
01 22 23 00-0942 MO 150 Ton Lift, Cable Controlled Lattice Boom, Truck Mounted Or Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	54,584.23 -20,083.36	
01 22 23 00-0943 DAY 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	4,829.52 -926.92	
01 22 23 00-0944 WK 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	17,710.31 -4,634.62	
01 22 23 00-0945 MO 200 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	59,306.12 -20,083.36	
01 22 23 00-0946 DAY 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,034.17 -926.92	
01 22 23 00-0947 WK 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	19,282.84 -4,634.62	
01 22 23 00-0948 MO 250 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	64,028.02 -20,083.36	
01 22 23 00-0949 DAY 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,709.13 -926.92	
01 22 23 00-0950 WK 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,702.67 -4,634.62	
01 22 23 00-0951 MO 300 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	71,277.45 -20,083.36	
01 22 23 00-0952 DAY 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	9,859.46 -926.92	
01 22 23 00-0953 WK 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	36,494.50 -4,634.62	
01 22 23 00-0954 MO 500 Ton Lift, Cable Controlled Lattice Boom, Crawler Mechanical Crane With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	115,670.18 -20,083.36	
01 22 23 00-0955 Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklifts (01 22 23 00-0883) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0956 DAY 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,471.42 -861.56	
01 22 23 00-0957 WK 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,800.38 -4,307.82	
01 22 23 00-0958 MO 5,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	21,877.01 -18,667.21	
01 22 23 00-0959 DAY 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,535.62 -861.56	
01 22 23 00-0960 WK 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	5,944.82 -4,307.82	
01 22 23 00-0961 MO 6,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,197.99 -18,667.21	
01 22 23 00-0962 DAY 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,519.57 -861.56	
01 22 23 00-0963 WK 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,017.04 -4,307.82	
01 22 23 00-0964 MO 8,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	22,679.46 -18,667.21	
01 22 23 00-0965 DAY 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	1,704.13 -861.56	
01 22 23 00-0966 WK 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	6,498.51 -4,307.82	
01 22 23 00-0967 MO 10,000 LB Telescopic Boom, Hi-Reach, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i>	23,802.89 -18,667.21	
01 22 23 00-0968 Straight Mast, Rough Terrain Construction Forklifts (01 22 23 00-0883) Note: Includes full-time operator. Excludes delivery, set-up, and removal.		
01 22 23 00-0969 DAY 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,257.97 -861.56 79.28	
01 22 23 00-0970 WK 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	5,390.33 -4,307.82 216.50	
01 22 23 00-0971 MO 5,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	21,144.77 -18,667.21 495.51	
01 22 23 00-0972 DAY 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,278.83 -861.56 83.45	
01 22 23 00-0973 WK 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	5,447.30 -4,307.82 227.90	
01 22 23 00-0974 MO 6,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	21,275.17 -18,667.21 521.59	
01 22 23 00-0975 DAY 8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator <i>For Equipment Without Operator, Deduct</i> <i>For Propane Instead Of Gas Or Diesel, Add</i>	1,391.18 -861.56 105.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-0976	WK		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,760.25	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	290.49	
01 22 23 00-0977	MO		8,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	21,997.38	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	666.03	
01 22 23 00-0978	DAY		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,453.05	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	118.30	
01 22 23 00-0979	WK		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	5,733.45	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	285.13	
01 22 23 00-0980	MO		10,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	22,216.13	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	709.78	
01 22 23 00-0981	DAY		12,000 To 14,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	1,571.34	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	141.96	
01 22 23 00-0982	WK		12,000 To 14,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	6,018.58	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	342.15	
01 22 23 00-0983	MO		12,000 To 14,000 LB Straight Mast, Rough Terrain Construction Forklift With Full-Time Operator.....	22,925.91	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	851.74	
01 22 23 00-0984 Straight Mast, Industrial Warehouse Forklifts (01 22 23 00-0883)					
Note: Includes full-time operator. Excludes delivery, set-up, and removal.					
01 22 23 00-0985	DAY		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,198.59	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	67.41	
01 22 23 00-0986	WK		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,078.17	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	154.07	
01 22 23 00-0987	MO		5,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	20,512.85	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	369.13	
01 22 23 00-0988	DAY		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,206.61	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	69.01	
01 22 23 00-0989	WK		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,102.25	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	158.89	
01 22 23 00-0990	MO		6,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	20,569.02	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	380.36	
01 22 23 00-0991	DAY		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,375.13	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	102.71	
01 22 23 00-0992	WK		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,471.37	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	232.71	
01 22 23 00-0993	MO		8,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	21,475.79	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	561.72	
01 22 23 00-0994	DAY		12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,391.18	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	105.92	
01 22 23 00-0995	WK		12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,607.79	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	259.99	
01 22 23 00-0996	MO		12,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	21,957.25	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	658.01	
01 22 23 00-0997	DAY		15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	1,535.62	
			<i>For Equipment Without Operator, Deduct</i>	-861.56	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	134.81	
01 22 23 00-0998	WK		15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	5,840.50	
			<i>For Equipment Without Operator, Deduct</i>	-4,307.82	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	306.54	
01 22 23 00-0999	MO		15,000 LB Straight Mast, Industrial Warehouse Forklift With Full-Time Operator.....	22,358.48	
			<i>For Equipment Without Operator, Deduct</i>	-18,667.21	
			<i>For Propane Instead Of Gas Or Diesel, Add</i>	738.25	
01 22 23 00-1000 Chain Hoists (01 22 23 00-0883)					
Note: Includes delivery to job site and pick-up when complete.					
01 22 23 00-1001	DAY		1 Ton, 20' Lift, Manual Chain Hoist.....	12.52	
01 22 23 00-1002	WK		1 Ton, 20' Lift, Manual Chain Hoist.....	32.55	
01 22 23 00-1003	MO		1 Ton, 20' Lift, Manual Chain Hoist.....	96.40	
01 22 23 00-1004	DAY		3 Ton, 20' Lift, Manual Chain Hoist.....	35.06	
01 22 23 00-1005	WK		3 Ton, 20' Lift, Manual Chain Hoist.....	82.63	
01 22 23 00-1006	MO		3 Ton, 20' Lift, Manual Chain Hoist.....	231.62	
01 22 23 00-1007	DAY		5 Ton, 20' Lift, Manual Chain Hoist.....	45.07	
01 22 23 00-1008	WK		5 Ton, 20' Lift, Manual Chain Hoist.....	121.44	
01 22 23 00-1009	MO		5 Ton, 20' Lift, Manual Chain Hoist.....	338.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1010 DAY 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	88.89	
01 22 23 00-1011 WK 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	231.62	
01 22 23 00-1012 MO 2 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	626.00	
01 22 23 00-1013 DAY 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	90.14	
01 22 23 00-1014 WK 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	241.01	
01 22 23 00-1015 MO 3 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	657.30	
01 22 23 00-1016 DAY 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	92.65	
01 22 23 00-1017 WK 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	259.79	
01 22 23 00-1018 MO 5 Ton, 20' Lift, 2-Speed, 230/460 Volt, 60 Cycle, Electric Chain Hoist	719.90	
01 22 23 00-1019 Roof Swing Hoist <small>(01 22 23 00-0883)</small>		
<i>Note: Includes delivery to job site and pick-up when complete.</i>		
01 22 23 00-1020 DAY Up To 400 Lbs, Manual Swing Roof Hoist	98.09	
01 22 23 00-1021 WK Up To 400 Lbs, Manual Swing Roof Hoist	343.32	
01 22 23 00-1022 MO Up To 400 Lbs, Manual Swing Roof Hoist	1,177.08	
01 22 23 00-1023 Truck Mounted Digger Derrick <small>(01 22 23 00-0883)</small>		
<i>Note: Includes full-time operator, delivery, set-up, and removal time in rental period. Lifting capacity is reduced.</i>		
01 22 23 00-1024 DAY Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	1,606.74	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-926.92	
01 22 23 00-1025 WK Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	6,674.08	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-4,634.62	
01 22 23 00-1026 MO Up To 47' Sheave Height, 34' Horizontal Reach, 12 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	25,521.92	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-20,083.36	
01 22 23 00-1027 DAY Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	1,746.47	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-926.92	
01 22 23 00-1028 WK Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	7,093.27	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-4,634.62	
01 22 23 00-1029 MO Up To 48' Sheave Height, 38' Horizontal Reach, 15 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	26,639.77	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-20,083.36	
01 22 23 00-1030 DAY Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	2,609.93	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-926.92	
01 22 23 00-1031 WK Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	9,683.65	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-4,634.62	
01 22 23 00-1032 MO Up To 65' Sheave Height, 55' Horizontal Reach, 21 Ton Capacity, Truck Mounted Hydraulic Digger Derrick With Full-Time Operator	33,547.44	
<i>Note: Includes lifting boom, grapple arm and auger drill.</i>		
<i>For Equipment Without Operator, Deduct</i>		
	-20,083.36	
01 22 23 00-1033 Pumping Equipment <small>(01 22 23)</small>		
01 22 23 00-1034 Gas Powered Portable Centrifugal Pumps <small>(01 22 23 00-1033)</small>		
<i>Note: Includes delivery, set-up, and removal. Excludes operator. See CSI section 01 22 23 00-1058 for larger diameter pumps.</i>		
01 22 23 00-1035 DAY 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	66.82	
01 22 23 00-1036 WK 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	150.34	
01 22 23 00-1037 MO 8,500 GPH, 2" Discharge, 108' Maximum Head, Gas Powered Portable Centrifugal Pump	400.92	
01 22 23 00-1038 DAY 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	80.18	
01 22 23 00-1039 WK 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	180.41	
01 22 23 00-1040 MO 16,500 GPH, 3" Discharge, 85' Maximum Head, Gas Powered Portable Centrifugal Pump	481.10	
01 22 23 00-1041 Gas Powered Portable Diaphragm Pumps <small>(01 22 23 00-1033)</small>		
<i>Note: Includes delivery, set-up, and removal. Excludes operator.</i>		
01 22 23 00-1042 DAY 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	76.84	
01 22 23 00-1043 WK 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	217.16	
01 22 23 00-1044 MO 3,000 GPH, 2" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	551.26	
01 22 23 00-1045 DAY 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	93.55	
01 22 23 00-1046 WK 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	250.58	
01 22 23 00-1047 MO 5,200 GPH, 3" Discharge, 25' Maximum Head, Gas Powered Portable Diaphragm Pump	709.96	
01 22 23 00-1048 Gas Powered Portable Trash Pumps <small>(01 22 23 00-1033)</small>		
<i>Note: Includes delivery, set-up, and removal. Excludes operator.</i>		
01 22 23 00-1049 DAY 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	96.89	
01 22 23 00-1050 WK 12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump	200.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1051	MO		12,000 GPH, 2" Discharge, 100' Maximum Head, Gas Powered Portable Trash Pump.....	601.38	
01 22 23 00-1052	DAY		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	96.89	
01 22 23 00-1053	WK		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	258.93	
01 22 23 00-1054	MO		25,000 GPH, 3" Discharge, 90' Maximum Head, Gas Powered Portable Trash Pump.....	709.96	
01 22 23 00-1055	DAY		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	153.69	
01 22 23 00-1056	WK		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	434.33	
01 22 23 00-1057	MO		35,000 GPH, 4" Discharge, 106' Maximum Head, Gas Powered Portable Trash Pump.....	1,261.23	
01 22 23 00-1058 Diesel Powered Portable Trash Pumps (01 22 23 00-1033)					
Note: Includes delivery, set-up, and removal. Excludes operator.					
01 22 23 00-1059	DAY		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	300.69	
01 22 23 00-1060	WK		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	818.54	
01 22 23 00-1061	MO		63,000 GPH, 4" Discharge, 153' Maximum Head, Diesel Powered Portable Trash Pump	3,566.52	
01 22 23 00-1062	DAY		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	459.39	
01 22 23 00-1063	WK		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,202.76	
01 22 23 00-1064	MO		156,000 GPH, 6" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	3,199.01	
01 22 23 00-1065	DAY		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	624.77	
01 22 23 00-1066	WK		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	1,672.17	
01 22 23 00-1067	MO		246,000 GPH, 10" Discharge, 160' Maximum Head, Diesel Powered Portable Trash Pump	4,473.60	
01 22 23 00-1068	DAY		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	808.52	
01 22 23 00-1069	WK		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	2,064.74	
01 22 23 00-1070	MO		379,000 GPH, 12" Discharge, 104' Maximum Head, Diesel Powered Portable Trash Pump	6,063.92	
01 22 23 00-1071 Diesel Powered Portable High Head Trash Pumps (01 22 23 00-1033)					
Note: Includes delivery, set-up, and removal. Excludes operator.					
01 22 23 00-1072	DAY		27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	400.92	
01 22 23 00-1073	WK		27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	902.07	
01 22 23 00-1074	MO		27,000 GPH, 3" Suction, 3" Discharge, 300' Maximum Head, Diesel Powered Portable High Head Trash Pump	2,405.52	
01 22 23 00-1075	DAY		90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	601.38	
01 22 23 00-1076	WK		90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,608.69	
01 22 23 00-1077	MO		90,000 GPH, 6" Suction, 4" Discharge, 330' Maximum Head, Diesel Powered Portable High Head Trash Pump	4,510.35	
01 22 23 00-1078	DAY		135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	735.02	
01 22 23 00-1079	WK		135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	1,653.80	
01 22 23 00-1080	MO		135,000 GPH, 8" Suction, 6" Discharge, 320' Maximum Head, Diesel Powered Portable High Head Trash Pump	4,410.12	
01 22 23 00-1081 Diesel Powered Portable Silenced Environmental Trash Pumps (01 22 23 00-1033)					
Note: Includes delivery, set-up, and removal. Excludes operator.					
01 22 23 00-1082	DAY		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	429.32	
01 22 23 00-1083	WK		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	977.24	
01 22 23 00-1084	MO		90,000 GPH, 4" Discharge, 330' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	3,046.99	
01 22 23 00-1085	DAY		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	526.21	
01 22 23 00-1086	WK		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	1,311.34	
01 22 23 00-1087	MO		136,800 GPH, 6" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump.....	3,566.52	
01 22 23 00-1088	DAY		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	634.79	
01 22 23 00-1089	WK		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	1,877.64	
01 22 23 00-1090	MO		246,000 GPH, 10" Discharge, 158' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	5,237.02	
01 22 23 00-1091	DAY		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	955.53	
01 22 23 00-1092	WK		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	2,440.60	
01 22 23 00-1093	MO		510,000 GPH, 12" Discharge, 200' Maximum Head, Diesel Powered Portable Silenced Environmental Trash Pump	7,166.44	
01 22 23 00-1094 3 Phase Electric Submersible Pumps (01 22 23 00-1033)					
Note: Includes delivery, set-up, and removal. Excludes operator.					
01 22 23 00-1095	DAY		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	167.05	
01 22 23 00-1096	WK		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	417.62	
01 22 23 00-1097	MO		24,000 GPH, 3" Discharge, 78' Maximum Head, 3 Phase Electric Submersible Pump	1,252.88	
01 22 23 00-1098	DAY		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	220.51	
01 22 23 00-1099	WK		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	551.26	
01 22 23 00-1100	MO		49,800 GPH, 4" Discharge, 98' Maximum Head, 3 Phase Electric Submersible Pump	1,653.80	
01 22 23 00-1101 Suction Hose With Couplings (01 22 23 00-1033)					
Note: Includes delivery, set-up, and removal.					
01 22 23 00-1102	DAY		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	6.00	
01 22 23 00-1103	WK		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	15.00	
01 22 23 00-1104	MO		Up To 2" Inside Diameter, 20' Length, Suction Hose With Couplings	46.00	
01 22 23 00-1105	DAY		3" Inside Diameter, 20' Length, Suction Hose With Couplings	16.00	
01 22 23 00-1106	WK		3" Inside Diameter, 20' Length, Suction Hose With Couplings	41.00	
01 22 23 00-1107	MO		3" Inside Diameter, 20' Length, Suction Hose With Couplings	125.00	
01 22 23 00-1108	DAY		4" Inside Diameter, 20' Length, Suction Hose With Couplings.....	24.00	
01 22 23 00-1109	WK		4" Inside Diameter, 20' Length, Suction Hose With Couplings	61.00	
01 22 23 00-1110	MO		4" Inside Diameter, 20' Length, Suction Hose With Couplings	185.00	
01 22 23 00-1111	DAY		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	30.00	
01 22 23 00-1112	WK		6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	75.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1113 MO 6" Inside Diameter, 20' Length, Suction Hose With Couplings.....	220.00	
01 22 23 00-1114 DAY 10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	70.00	
01 22 23 00-1115 WK 10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	180.00	
01 22 23 00-1116 MO 10" Inside Diameter, 20' Length, Suction Hose With Couplings.....	530.00	
01 22 23 00-1117 DAY 12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	94.00	
01 22 23 00-1118 WK 12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	205.00	
01 22 23 00-1119 MO 12" Inside Diameter, 20' Length, Suction Hose With Couplings.....	615.00	
01 22 23 00-1120 Discharge Hose With Couplings (01 22 23 00-1033)		
Note: Includes delivery, set-up, and removal.		
01 22 23 00-1121 DAY 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	6.00	
01 22 23 00-1122 WK 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	15.00	
01 22 23 00-1123 MO 1-1/2" Inside Diameter, 50' Length, Discharge Hose With Couplings	46.00	
01 22 23 00-1124 DAY 2" Inside Diameter, 50' Length, Discharge Hose With Couplings	7.00	
01 22 23 00-1125 WK 2" Inside Diameter, 50' Length, Discharge Hose With Couplings	17.00	
01 22 23 00-1126 MO 2" Inside Diameter, 50' Length, Discharge Hose With Couplings	53.00	
01 22 23 00-1127 DAY 3" Inside Diameter, 50' Length, Discharge Hose With Couplings	8.00	
01 22 23 00-1128 WK 3" Inside Diameter, 50' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1129 MO 3" Inside Diameter, 50' Length, Discharge Hose With Couplings	61.00	
01 22 23 00-1130 DAY 4" Inside Diameter, 50' Length, Discharge Hose With Couplings	21.00	
01 22 23 00-1131 WK 4" Inside Diameter, 50' Length, Discharge Hose With Couplings	54.00	
01 22 23 00-1132 MO 4" Inside Diameter, 50' Length, Discharge Hose With Couplings	155.00	
01 22 23 00-1133 DAY 6" Inside Diameter, 50' Length, Discharge Hose With Couplings	26.00	
01 22 23 00-1134 WK 6" Inside Diameter, 50' Length, Discharge Hose With Couplings	71.00	
01 22 23 00-1135 MO 6" Inside Diameter, 50' Length, Discharge Hose With Couplings	195.00	
01 22 23 00-1136 DAY 10" Inside Diameter, 10' Length, Discharge Hose With Couplings	20.00	
01 22 23 00-1137 WK 10" Inside Diameter, 10' Length, Discharge Hose With Couplings	50.00	
01 22 23 00-1138 MO 10" Inside Diameter, 10' Length, Discharge Hose With Couplings	150.00	
01 22 23 00-1139 DAY 12" Inside Diameter, 10' Length, Discharge Hose With Couplings	51.00	
01 22 23 00-1140 WK 12" Inside Diameter, 10' Length, Discharge Hose With Couplings	130.00	
01 22 23 00-1141 MO 12" Inside Diameter, 10' Length, Discharge Hose With Couplings	385.00	
01 22 23 00-1142 Hydraulic Submersible Pumps (01 22 23 00-1033)		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1143 Hydraulic Submersible Pumps (01 22 23 00-1142)		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1144 DAY 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	110.25	
01 22 23 00-1145 WK 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	295.68	
01 22 23 00-1146 MO 60,000 GPH, 4" Discharge, 115' Maximum Head, Hydraulic Submersible Pump.....	826.90	
01 22 23 00-1147 DAY 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	140.32	
01 22 23 00-1148 WK 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	360.83	
01 22 23 00-1149 MO 132,000 GPH, 6" Discharge, 90' Maximum Head, Hydraulic Submersible Pump.....	1,102.53	
01 22 23 00-1150 Hydraulic Submersible Pump Diesel Power Packs (01 22 23 00-1142)		
Note: Includes delivery, set-up, and removal. Excludes operator.		
01 22 23 00-1151 DAY 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	254.75	
01 22 23 00-1152 WK 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	760.08	
01 22 23 00-1153 MO 100 HP, Hydraulic Submersible Pump Diesel Power Pack.....	2,004.60	
01 22 23 00-1154 HDPE Pipe With Couplings (01 22 23 00-1033)		
Note: Includes delivery, set-up, and removal.		
01 22 23 00-1155 DAY 4" x 20' HDPE Pipe With Couplings.....	15.71	
01 22 23 00-1156 WK 4" x 20' HDPE Pipe With Couplings.....	37.70	
01 22 23 00-1157 MO 4" x 20' HDPE Pipe With Couplings.....	116.25	
01 22 23 00-1158 DAY 6" x 20' HDPE Pipe With Couplings.....	25.14	
01 22 23 00-1159 WK 6" x 20' HDPE Pipe With Couplings.....	62.84	
01 22 23 00-1160 MO 6" x 20' HDPE Pipe With Couplings.....	191.66	
01 22 23 00-1161 DAY 8" x 20' HDPE Pipe With Couplings.....	40.85	
01 22 23 00-1162 WK 8" x 20' HDPE Pipe With Couplings.....	106.83	
01 22 23 00-1163 MO 8" x 20' HDPE Pipe With Couplings.....	317.34	
01 22 23 00-1164 DAY 10" x 20' HDPE Pipe With Couplings.....	50.27	
01 22 23 00-1165 WK 10" x 20' HDPE Pipe With Couplings.....	128.82	
01 22 23 00-1166 MO 10" x 20' HDPE Pipe With Couplings.....	392.75	
01 22 23 00-1167 DAY 12" x 10' HDPE Pipe With Couplings.....	37.70	
01 22 23 00-1168 WK 12" x 10' HDPE Pipe With Couplings.....	103.69	
01 22 23 00-1169 MO 12" x 10' HDPE Pipe With Couplings.....	314.20	
01 22 23 00-1170 DAY 4" Elbow For HDPE Pipe, Quick Connect.....	37.70	
01 22 23 00-1171 WK 4" Elbow For HDPE Pipe, Quick Connect.....	97.40	
01 22 23 00-1172 MO 4" Elbow For HDPE Pipe, Quick Connect.....	289.06	
01 22 23 00-1173 DAY 6" Elbow For HDPE Pipe, Quick Connect.....	43.99	
01 22 23 00-1174 WK 6" Elbow For HDPE Pipe, Quick Connect.....	113.11	
01 22 23 00-1175 MO 6" Elbow For HDPE Pipe, Quick Connect.....	345.62	
01 22 23 00-1176 DAY 8" Elbow For HDPE Pipe, Quick Connect.....	50.27	
01 22 23 00-1177 WK 8" Elbow For HDPE Pipe, Quick Connect.....	128.82	
01 22 23 00-1178 MO 8" Elbow For HDPE Pipe, Quick Connect.....	392.75	
01 22 23 00-1179 DAY 10" Elbow For HDPE Pipe, Quick Connect.....	62.84	
01 22 23 00-1180 WK 10" Elbow For HDPE Pipe, Quick Connect.....	160.24	
01 22 23 00-1181 MO 10" Elbow For HDPE Pipe, Quick Connect.....	487.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1182	DAY		12" Elbow For HDPE Pipe, Quick Connect.....	62.84	
01 22 23 00-1183	WK		12" Elbow For HDPE Pipe, Quick Connect.....	160.24	
01 22 23 00-1184	MO		12" Elbow For HDPE Pipe, Quick Connect.....	487.01	
01 22 23 00-1185	DAY		4" Tee For HDPE Pipe, Quick Connect.....	37.70	
01 22 23 00-1186	WK		4" Tee For HDPE Pipe, Quick Connect.....	97.40	
01 22 23 00-1187	MO		4" Tee For HDPE Pipe, Quick Connect.....	289.06	
01 22 23 00-1188	DAY		6" Tee For HDPE Pipe, Quick Connect.....	50.27	
01 22 23 00-1189	WK		6" Tee For HDPE Pipe, Quick Connect.....	128.82	
01 22 23 00-1190	MO		6" Tee For HDPE Pipe, Quick Connect.....	392.75	
01 22 23 00-1191	DAY		8" Tee For HDPE Pipe, Quick Connect.....	62.84	
01 22 23 00-1192	WK		8" Tee For HDPE Pipe, Quick Connect.....	160.24	
01 22 23 00-1193	MO		8" Tee For HDPE Pipe, Quick Connect.....	487.01	
01 22 23 00-1194	DAY		10" Tee For HDPE Pipe, Quick Connect.....	75.41	
01 22 23 00-1195	WK		10" Tee For HDPE Pipe, Quick Connect.....	191.66	
01 22 23 00-1196	MO		10" Tee For HDPE Pipe, Quick Connect.....	581.27	
01 22 23 00-1197	DAY		12" Tee For HDPE Pipe, Quick Connect.....	75.41	
01 22 23 00-1198	WK		12" Tee For HDPE Pipe, Quick Connect.....	191.66	
01 22 23 00-1199	MO		12" Tee For HDPE Pipe, Quick Connect.....	581.27	
01 22 23 00-1200	DAY		4" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1201	WK		4" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1202	MO		4" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1203	DAY		6" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1204	WK		6" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1205	MO		6" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1206	DAY		8" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1207	WK		8" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1208	MO		8" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1209	DAY		10" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1210	WK		10" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1211	MO		10" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1212	DAY		12" Cap For HDPE Pipe, Quick Connect.....	6.28	
01 22 23 00-1213	WK		12" Cap For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1214	MO		12" Cap For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1215	DAY		4" Wye For HDPE Pipe, Quick Connect.....	18.85	
01 22 23 00-1216	WK		4" Wye For HDPE Pipe, Quick Connect.....	47.13	
01 22 23 00-1217	MO		4" Wye For HDPE Pipe, Quick Connect.....	144.53	
01 22 23 00-1218	DAY		6" Wye For HDPE Pipe, Quick Connect.....	21.99	
01 22 23 00-1219	WK		6" Wye For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1220	MO		6" Wye For HDPE Pipe, Quick Connect.....	172.81	
01 22 23 00-1221	DAY		8" Wye For HDPE Pipe, Quick Connect.....	37.70	
01 22 23 00-1222	WK		8" Wye For HDPE Pipe, Quick Connect.....	97.40	
01 22 23 00-1223	MO		8" Wye For HDPE Pipe, Quick Connect.....	289.06	
01 22 23 00-1224	DAY		10" Wye For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1225	WK		10" Wye For HDPE Pipe, Quick Connect.....	144.53	
01 22 23 00-1226	MO		10" Wye For HDPE Pipe, Quick Connect.....	439.88	
01 22 23 00-1227	DAY		12" Wye For HDPE Pipe, Quick Connect.....	56.56	
01 22 23 00-1228	WK		12" Wye For HDPE Pipe, Quick Connect.....	144.53	
01 22 23 00-1229	MO		12" Wye For HDPE Pipe, Quick Connect.....	439.88	
01 22 23 00-1230			Temporary Building Services (01 22 23)		
01 22 23 00-1231			Boilers (01 22 23 00-1230)		
			Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1232			Electric Boilers (01 22 23 00-1231)		
01 22 23 00-1233	MO		40 MBH, 12 KW Electric Boiler Rental.....	2,596.99	
01 22 23 00-1234	MO		60 MBH, 20 KW Electric Boiler Rental.....	2,833.12	
01 22 23 00-1235	MO		95 MBH, 30 KW Electric Boiler Rental.....	2,951.18	
01 22 23 00-1236	MO		135 MBH, 40 KW Electric Boiler Rental.....	3,305.26	
01 22 23 00-1237	MO		165 MBH, 50 KW Electric Boiler Rental.....	4,603.76	
01 22 23 00-1238	MO		215 MBH, 60 KW Electric Boiler Rental.....	5,312.05	
01 22 23 00-1239	MO		365 MBH, 100 KW Electric Boiler Rental.....	6,964.74	
01 22 23 00-1240	MO		510 MBH, 150 KW Electric Boiler Rental.....	8,499.35	
01 22 23 00-1241			Oil/Gas Fired Boilers (01 22 23 00-1231)		
01 22 23 00-1242	MO		Up To 100 HP, Gas/Oil Dual Fuel Boiler Rental.....	2,479.00	
			For >3 Months Rental, Deduct	-371.85	
01 22 23 00-1243	MO		>100 HP To 250 HP, Gas/Oil Dual Fuel Boiler Rental.....	3,222.70	
			For >3 Months Rental, Deduct	-483.41	
01 22 23 00-1244	MO		>250 HP To 500 HP, Gas/Oil Dual Fuel Boiler Rental.....	5,205.90	
			For >3 Months Rental, Deduct	-780.89	
01 22 23 00-1245	MO		>500 HP To 800 HP, Gas/Oil Dual Fuel Boiler Rental.....	7,189.10	
			For >3 Months Rental, Deduct	-1,078.37	
01 22 23 00-1246			Oil Fired Boilers (01 22 23 00-1231)		
01 22 23 00-1247	MO		250 HP Oil Fired Boiler Rental.....	7,293.67	
01 22 23 00-1248	MO		350 HP Oil Fired Boiler Rental.....	9,724.90	
01 22 23 00-1249	MO		500 HP Oil Fired Boiler Rental.....	12,156.12	
01 22 23 00-1250	MO		600 HP Oil Fired Boiler Rental.....	13,371.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1251 Boilers Setup <small>(01 22 23 00-1231)</small>		
01 22 23 00-1252 EA Setup Rental Boiler.....	7,598.12	
Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-1253 Chillers <small>(01 22 23 00-1230)</small>		
Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1254 Air Cooled Chillers <small>(01 22 23 00-1253)</small>		
01 22 23 00-1255 MO 25 Ton Air Cooled Chiller Rental.....	2,494.67	
For >3 To 6 Month Rental, Deduct	-374.20	
For >6 Month Rental, Deduct	-623.67	
01 22 23 00-1256 MO 40 Ton Air Cooled Chiller Rental.....	3,991.48	
For >3 To 6 Month Rental, Deduct	-598.72	
For >6 Month Rental, Deduct	-997.87	
01 22 23 00-1257 MO 60 Ton Air Cooled Chiller Rental.....	4,882.03	
For >3 To 6 Month Rental, Deduct	-732.30	
For >6 Month Rental, Deduct	-1,220.51	
01 22 23 00-1258 MO 80 Ton Air Cooled Chiller Rental.....	5,772.58	
For >3 To 6 Month Rental, Deduct	-865.89	
For >6 Month Rental, Deduct	-1,443.15	
01 22 23 00-1259 MO 100 Ton Air Cooled Chiller Rental.....	6,663.13	
For >3 To 6 Month Rental, Deduct	-999.47	
For >6 Month Rental, Deduct	-1,665.78	
01 22 23 00-1260 MO 125 Ton Air Cooled Chiller Rental.....	7,719.37	
For >3 To 6 Month Rental, Deduct	-1,157.91	
For >6 Month Rental, Deduct	-1,929.84	
01 22 23 00-1261 MO 155 Ton Air Cooled Chiller Rental.....	9,338.54	
For >3 To 6 Month Rental, Deduct	-1,400.78	
For >6 Month Rental, Deduct	-2,334.64	
01 22 23 00-1262 MO 170 Ton Air Cooled Chiller Rental.....	9,986.22	
For >3 To 6 Month Rental, Deduct	-1,497.93	
For >6 Month Rental, Deduct	-2,496.56	
01 22 23 00-1263 MO 200 Ton Air Cooled Chiller Rental.....	11,471.73	
For >3 To 6 Month Rental, Deduct	-1,720.76	
For >6 Month Rental, Deduct	-2,867.93	
01 22 23 00-1264 MO 250 Ton Air Cooled Chiller Rental.....	13,650.10	
For >3 To 6 Month Rental, Deduct	-2,047.52	
For >6 Month Rental, Deduct	-3,412.53	
01 22 23 00-1265 MO 300 Ton Air Cooled Chiller Rental.....	15,928.25	
Note: Includes trailer.		
For >3 To 6 Month Rental, Deduct	-2,389.24	
For >6 Month Rental, Deduct	-3,982.06	
01 22 23 00-1266 MO 400 Ton Air Cooled Chiller Rental.....	21,011.74	
Note: Includes trailer, pump and 200' of 6" hose.		
For >3 To 6 Month Rental, Deduct	-3,151.76	
For >6 Month Rental, Deduct	-5,252.94	
01 22 23 00-1267 MO 500 Ton Air Cooled Chiller Rental.....	26,008.61	
Note: Includes trailer, pump and 200' of 6" hose.		
For >3 To 6 Month Rental, Deduct	-3,901.29	
For >6 Month Rental, Deduct	-6,502.15	
01 22 23 00-1268 EA Setup Air Cooled Chiller Rental Unit.....	5,281.62	
Note: Includes delivery, setup, installation, refrigerant charge, startup, commissioning, decommissioning, recovery of refrigerant and pickup. Excludes piping and electrical hookup. Excludes crane if off-loaded.		
01 22 23 00-1269 Chiller Rental Accessories <small>(01 22 23 00-1253)</small>		
01 22 23 00-1270 MO 4" x 25' Flexible Water Hose For Chiller Rental.....	44.45	
01 22 23 00-1271 MO 6" x 25' Flexible Water Hose For Chiller Rental.....	55.56	
01 22 23 00-1272 Cooling Tower <small>(01 22 23 00-1230)</small>		
Note: Excludes operator, delivery, set-up, and removal.		
01 22 23 00-1273 MO 100 Ton Cooling Tower Rental.....	2,289.28	
For >3 To 6 Months Rental, Deduct	-343.39	
For >6 Months Rental, Deduct	-572.32	
01 22 23 00-1274 MO 200 Ton Cooling Tower Rental.....	4,167.38	
For >3 To 6 Months Rental, Deduct	-625.11	
For >6 Months Rental, Deduct	-1,041.85	
01 22 23 00-1275 MO 250 Ton Cooling Tower Rental.....	4,719.36	
For >3 To 6 Months Rental, Deduct	-707.90	
For >6 Months Rental, Deduct	-1,179.84	
01 22 23 00-1276 MO 300 Ton Cooling Tower Rental.....	5,334.24	
For >3 To 6 Months Rental, Deduct	-800.14	
For >6 Months Rental, Deduct	-1,333.56	
01 22 23 00-1277 MO 400 Ton Cooling Tower Rental.....	6,667.80	
For >3 To 6 Months Rental, Deduct	-1,000.17	
For >6 Months Rental, Deduct	-1,666.95	
01 22 23 00-1278 MO 500 Ton Cooling Tower Rental.....	7,795.80	
For >3 To 6 Months Rental, Deduct	-1,169.37	
For >6 Months Rental, Deduct	-1,948.95	

01	01	General Requirements
	01 20	Price and Payment Procedures
	01 22	Unit Prices



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1279 MO Setup Rental Cooling Tower.....	5,281.62	
Note: Includes delivery, setup, installation, startup, commissioning, decommissioning, and pickup. Excludes piping and electrical hookup. Excludes crane.		
01 22 23 00-1280	Emergency Cooler/Freezer <small>(01 22 23 00-1230)</small>	
Note: Excludes utility connection, delivery, set-up, and removal. Cooler 115 Volt or 230 Volt, freezer 208/230 Volt, combo 115 Volt or 230 Volt.		
01 22 23 00-1281 DAY 8 x 6 x 7 Emergency Cooler Rental.....	111.76	
01 22 23 00-1282 WK 8 x 6 x 7 Emergency Cooler Rental.....	596.08	
01 22 23 00-1283 DAY 10 x 7 x 7 Emergency Cooler Rental.....	223.53	
01 22 23 00-1284 WK 10 x 7 x 7 Emergency Cooler Rental.....	894.12	
01 22 23 00-1285 MO 10 x 7 x 7 Emergency Cooler Rental.....	2,235.30	
01 22 23 00-1286 DAY 10 x 7 x 7 Emergency Freezer Rental.....	260.78	
01 22 23 00-1287 WK 10 x 7 x 7 Emergency Freezer Rental.....	1,043.14	
01 22 23 00-1288 MO 10 x 7 x 7 Emergency Freezer Rental.....	2,682.36	
01 22 23 00-1289 DAY 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	298.04	
01 22 23 00-1290 WK 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	1,192.16	
01 22 23 00-1291 MO 6 x 8 x 7 Or 6 x 6 x 7, Emergency Combo Cooler/Freezer Rental.....	2,980.40	
01 22 23 00-1292	Portable Spot Cooling Units <small>(01 22 23 00-1230)</small>	
Note: Includes delivery to job site, up to 20' duct connection to existing system/exhaust and pick-up when complete. Excludes operator.		
01 22 23 00-1293 DAY 1 Ton Portable Spot Cooling Unit.....	205.00	
01 22 23 00-1294 WK 1 Ton Portable Spot Cooling Unit.....	444.17	
01 22 23 00-1295 MO 1 Ton Portable Spot Cooling Unit.....	1,049.97	
01 22 23 00-1296 DAY 1.5 Ton Portable Spot Cooling Unit.....	268.08	
01 22 23 00-1297 WK 1.5 Ton Portable Spot Cooling Unit.....	550.61	
01 22 23 00-1298 MO 1.5 Ton Portable Spot Cooling Unit.....	1,291.76	
01 22 23 00-1299 DAY 2 Ton Portable Spot Cooling Unit.....	361.38	
01 22 23 00-1300 WK 2 Ton Portable Spot Cooling Unit.....	755.61	
01 22 23 00-1301 MO 2 Ton Portable Spot Cooling Unit.....	1,399.52	
01 22 23 00-1302 DAY 3 Ton Portable Spot Cooling Unit.....	378.46	
01 22 23 00-1303 WK 3 Ton Portable Spot Cooling Unit.....	801.60	
01 22 23 00-1304 MO 3 Ton Portable Spot Cooling Unit.....	1,771.41	
01 22 23 00-1305 DAY 5 Ton Portable Spot Cooling Unit.....	591.34	
01 22 23 00-1306 WK 5 Ton Portable Spot Cooling Unit.....	1,195.83	
01 22 23 00-1307 MO 5 Ton Portable Spot Cooling Unit.....	2,484.96	
01 22 23 00-1308 DAY 10 To 12 Ton Portable Spot Cooling Unit.....	772.69	
01 22 23 00-1309 WK 10 To 12 Ton Portable Spot Cooling Unit.....	1,741.18	
01 22 23 00-1310 MO 10 To 12 Ton Portable Spot Cooling Unit.....	4,202.49	
01 22 23 00-1311 DAY 20 Ton Portable Spot Cooling Unit.....	887.02	
01 22 23 00-1312 WK 20 Ton Portable Spot Cooling Unit.....	2,036.86	
01 22 23 00-1313 MO 20 Ton Portable Spot Cooling Unit.....	5,676.91	
01 22 23 00-1314 DAY 25 Ton Portable Spot Cooling Unit.....	1,261.54	
01 22 23 00-1315 WK 25 Ton Portable Spot Cooling Unit.....	2,555.92	
01 22 23 00-1316 MO 25 Ton Portable Spot Cooling Unit.....	5,946.30	
01 22 23 00-1317	Fuel Oil Tank <small>(01 22 23 00-1230)</small>	
Note: Includes delivery to job site, connection to existing system and pick-up when complete. Excludes Off-road fuel costs. See CSI section 01 22 23 00-0775 for reimbursable fuel fees.		
01 22 23 00-1318 MO 100 Gallon Portable Double Wall Fuel Oil Tank Rental.....	392.12	
01 22 23 00-1319 MO 275 Gallon Portable Double Wall Fuel Oil Tank Rental.....	609.97	
01 22 23 00-1320 MO 500 Gallon Portable Double Wall Fuel Oil Tank Rental.....	1,524.92	
01 22 23 00-1321 MO 1,000 Gallon Portable Double Wall Fuel Oil Tank Rental.....	2,541.52	
01 22 23 00-1322 MO 2,300 Gallon Portable Double Wall Fuel Oil Tank Rental.....	3,354.81	
01 22 23 00-1323 MO 5,000 Gallon Portable Double Wall Fuel Oil Tank Rental.....	5,993.16	
01 22 23 00-1324	Truck And Trailer Equipment <small>(01 22 23)</small>	
01 22 23 00-1325	Trucks <small>(01 22 23 00-1324)</small>	
Note: Includes driver, delivery, and removal.		
01 22 23 00-1326	Flat Bed Trucks <small>(01 22 23 00-1325)</small>	
Note: Includes hydraulic tilt bed.		
01 22 23 00-1327 DAY 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	985.67	
<i>For Equipment Without Operator, Deduct</i>		
	-685.10	
01 22 23 00-1328 WK 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	4,213.50	
<i>For Equipment Without Operator, Deduct</i>		
	-3,425.52	
01 22 23 00-1329 MO 1-1/2 Ton Capacity, 8' To 10' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	16,834.16	
<i>For Equipment Without Operator, Deduct</i>		
	-14,843.90	
01 22 23 00-1330 DAY 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	1,115.65	
<i>For Equipment Without Operator, Deduct</i>		
	-685.10	
01 22 23 00-1331 WK 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	4,546.56	
<i>For Equipment Without Operator, Deduct</i>		
	-3,425.52	
01 22 23 00-1332 MO 3 Ton Capacity, 12' To 16' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	17,687.12	
<i>For Equipment Without Operator, Deduct</i>		
	-14,843.90	
01 22 23 00-1333 DAY 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	1,208.90	
<i>For Equipment Without Operator, Deduct</i>		
	-685.10	
01 22 23 00-1334 WK 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver.....	4,903.02	
<i>For Equipment Without Operator, Deduct</i>		
	-3,425.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1335 MO 6-1/2 Ton Capacity, 16' To 22' Bed, 4 x 2 Flat Bed Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	19,043.75 -14,843.90	
01 22 23 00-1336 Boom Trucks <small>(01 22 23 00-1325)</small>		
01 22 23 00-1337 DAY 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i> <i>For High Rail Equipment, Add</i>	1,244.81 -685.10 195.90	
01 22 23 00-1338 WK 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i> <i>For High Rail Equipment, Add</i>	4,882.88 -3,425.52 510.08	
01 22 23 00-1339 MO 3-1/2 Ton, 4 x 2 Boom Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i> <i>For High Rail Equipment, Add</i>	18,540.09 -14,843.90 1,293.67	
01 22 23 00-1340 Light Off-Road Utility Passenger Vehicles <small>(01 22 23 00-1325)</small>		
01 22 23 00-1341 DAY 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	294.00	
01 22 23 00-1342 WK 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	679.88	
01 22 23 00-1343 MO 4 Wheel, 2 Person, Light Off Road Utility Passenger Vehicle.....	1,470.00	
01 22 23 00-1344 DAY 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	303.19	
01 22 23 00-1345 WK 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	707.44	
01 22 23 00-1346 MO 4 Wheel, 4 Person, Light Off Road Utility Passenger Vehicle.....	1,561.88	
01 22 23 00-1347 Light Duty Trucks <small>(01 22 23 00-1325)</small>		
01 22 23 00-1348 DAY 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	923.40 -678.23	
01 22 23 00-1349 WK 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,195.61 -3,391.15	
01 22 23 00-1350 MO 1/2 To 3/4 Ton, 4 x 2 Light Duty Conventional Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	16,380.51 -14,694.98	
01 22 23 00-1351 DAY 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	969.37 -678.23	
01 22 23 00-1352 WK 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,333.51 -3,391.15	
01 22 23 00-1353 MO 3/4 Ton, 4 x 4 Crew Cab Pickup Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	16,686.97 -14,694.98	
01 22 23 00-1354 Rear Dump Trucks <small>(01 22 23 00-1325)</small>		
01 22 23 00-1355 DAY 2.5 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,042.67 -685.10	
01 22 23 00-1356 WK 2.5 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,369.96 -3,425.52	
01 22 23 00-1357 MO 2.5 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	17,735.53 -14,843.90	
01 22 23 00-1358 DAY 4 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,161.21 -685.10	
01 22 23 00-1359 WK 4 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,737.25 -3,425.52	
01 22 23 00-1360 MO 4 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	18,244.68 -14,843.90	
01 22 23 00-1361 DAY 6 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	1,229.22 -685.10	
01 22 23 00-1362 WK 6 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	4,883.00 -3,425.52	
01 22 23 00-1363 MO 6 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	18,341.84 -14,843.90	
01 22 23 00-1364 DAY 13 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	2,035.69 -685.10	
01 22 23 00-1365 WK 13 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	6,544.52 -3,425.52	
01 22 23 00-1366 MO 13 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	23,005.76 -14,843.90	
01 22 23 00-1367 DAY 18 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	2,170.75 -685.10	
01 22 23 00-1368 WK 18 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	6,856.42 -3,425.52	
01 22 23 00-1369 MO 18 CY Rear Dump Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	23,821.95 -14,843.90	
01 22 23 00-1370 Vacuum Trucks <small>(01 22 23 00-1325)</small>		
01 22 23 00-1371 DAY 5,000 Gallon Vacuum Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	2,025.98 -685.10	
01 22 23 00-1372 WK 5,000 Gallon Vacuum Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	7,463.70 -3,425.52	
01 22 23 00-1373 MO 5,000 Gallon Vacuum Truck With Full-Time Truck Driver <i>For Equipment Without Operator, Deduct</i>	26,760.22 -14,843.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 22 23 00-1374 Water Trucks <small>(01 22 23 00-1325)</small>		
Note: Includes pump and 1-1/2" Diameter x 50' water hose. See CSI section 01 22 23 00-1120 for additional discharge hose, 01 22 23 00-1398 for water trailer.		
01 22 23 00-1375 DAY 2,000 Gallon Water Truck With Full-Time Driver	1,424.36	
For Equipment Without Operator, Deduct	-685.10	
For Each 1,000 Gallon Of Purchased Water, Add	14.18	
01 22 23 00-1376 WK 2,000 Gallon Water Truck With Full-Time Driver	5,372.24	
For Equipment Without Operator, Deduct	-3,425.52	
For Each 1,000 Gallon Of Purchased Water, Add	14.18	
01 22 23 00-1377 MO 2,000 Gallon Water Truck With Full-Time Driver	19,443.74	
For Equipment Without Operator, Deduct	-14,843.90	
For Each 1,000 Gallon Of Purchased Water, Add	14.18	
01 22 23 00-1378 DAY 3,700 To 4,000 Gallon Water Truck With Full-Time Driver	1,785.78	
For Equipment Without Operator, Deduct	-685.10	
For Each 1,000 Gallon Of Purchased Water, Add	14.18	
01 22 23 00-1379 WK 3,700 To 4,000 Gallon Water Truck With Full-Time Driver	6,456.49	
For Equipment Without Operator, Deduct	-3,425.52	
For Each 1,000 Gallon Of Purchased Water, Add	14.18	
01 22 23 00-1380 MO 3,700 To 4,000 Gallon Water Truck With Full-Time Driver	22,236.50	
For Equipment Without Operator, Deduct	-14,843.90	
For Each 1,000 Gallon Of Purchased Water, Add	14.18	
01 22 23 00-1381 Traffic Control Truck With Mounted Impact Attenuators/Crash Cushions And Arrow Board <small>(01 22 23 00-1325)</small>		
01 22 23 00-1382 DAY Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	1,423.64	
For Equipment Without Operator, Deduct	-678.23	
01 22 23 00-1383 WK Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	5,591.07	
For Equipment Without Operator, Deduct	-3,391.15	
01 22 23 00-1384 MO Traffic Control Truck With Mounted Impact Attenuator/Crash Cushion And Arrow Board With Full-Time Truck Driver	20,037.41	
For Equipment Without Operator, Deduct	-14,694.98	
01 22 23 00-1385 Combination Jet/Vacuum Trucks <small>(01 22 23 00-1325)</small>		
01 22 23 00-1386 DAY 500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,098.66	
For Equipment Without Operator, Deduct	-685.10	
01 22 23 00-1387 WK 500 Gallon Water, 6 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	14,723.90	
For Equipment Without Operator, Deduct	-3,425.52	
01 22 23 00-1388 DAY 1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,519.82	
For Equipment Without Operator, Deduct	-685.10	
01 22 23 00-1389 WK 1,000 Gallon Water, 10 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	17,173.91	
For Equipment Without Operator, Deduct	-3,425.52	
01 22 23 00-1390 DAY 2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	3,924.78	
For Equipment Without Operator, Deduct	-685.10	
01 22 23 00-1391 WK 2,000 Gallon Water, 15 CY Debris, Combination Jet/Vacuum Truck With Full-Time Truck Driver	19,623.92	
For Equipment Without Operator, Deduct	-3,425.52	
01 22 23 00-1392 Truck Mounted Accessories <small>(01 22 23 00-1324)</small>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1393 Truck Mounted Arrow Boards <small>(01 22 23 00-1392)</small>		
01 22 23 00-1394 DAY Truck Mounted Arrow Board	55.92	
01 22 23 00-1395 WK Truck Mounted Arrow Board	222.39	
01 22 23 00-1396 MO Truck Mounted Arrow Board	792.98	
01 22 23 00-1397 Trailers <small>(01 22 23 00-1324)</small>		
Note: Includes delivery to job site and pick-up when complete.		
01 22 23 00-1398 Water Trailers With Pump <small>(01 22 23 00-1397)</small>		
01 22 23 00-1399 DAY 500 To 600 Gallon Water Trailer With Pump	188.92	
01 22 23 00-1400 WK 500 To 600 Gallon Water Trailer With Pump	484.63	
01 22 23 00-1401 MO 500 To 600 Gallon Water Trailer With Pump	1,297.81	
01 22 23 00-1402 Trailer Mounted Equipment <small>(01 22 23 00-1324)</small>		
01 22 23 00-1403 Trailer Mounted Under-Bridge Aerial Access Platform <small>(01 22 23 00-1402)</small>		
Note: Includes full-time operator. Excludes truck.		
01 22 23 00-1404 DAY Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	2,783.53	
For Equipment Without Operator, Deduct	-685.10	
01 22 23 00-1405 WK Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	9,720.81	
For Equipment Without Operator, Deduct	-3,425.52	
01 22 23 00-1406 MO Trailer Mounted Under-Bridge Aerial Access 32' With Full-Time Operator	32,330.81	
For Equipment Without Operator, Deduct	-14,843.90	
01 22 23 00-1407 DAY Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	2,993.37	
For Equipment Without Operator, Deduct	-685.10	
01 22 23 00-1408 WK Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	10,350.34	
For Equipment Without Operator, Deduct	-3,425.52	
01 22 23 00-1409 MO Trailer Mounted Under-Bridge Aerial Access 35' With Full-Time Operator	34,079.50	
For Equipment Without Operator, Deduct	-14,843.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 22 23 00-1410	Trailer Mounted Bridge Stripping Buggy <small>(01 22 23 00-1402)</small>	
01 22 23 00-1411	DAY Trailer Mounted Bridge Overhang Stripping Buggy	238.12
01 22 23 00-1412	WK Trailer Mounted Bridge Overhang Stripping Buggy	714.38
01 22 23 00-1413	MO Trailer Mounted Bridge Overhang Stripping Buggy	1,984.30

01 22 23 00-1414	Portable Trailer Mounted, CCTV Camera Systems <small>(01 22 23 00-1402)</small>	
<small>Note: Includes trailer. Excludes truck.</small>		
01 22 23 00-1415	MO Portable Trailer Mounted, Single Camera, CCTV Camera System	2,756.25
01 22 23 00-1416	MO Portable Trailer Mounted, Multi-Camera/Loud Speaker, CCTV Camera System	4,777.50

01 26 Contract Modification Procedures (01 20)

01 26 13	Requests for Interpretation <small>(01 26)</small>	
01 26 13 00-0001	NTE Requests for Interpretation	0.00
<small>Note: For specification publishing. Review specifications for requirements.</small>		

01 29 Payment Procedures (01 20)

01 29 73	Schedule of Values <small>(01 29)</small>	
<small>Note: For specification publishing. Review specifications for requirements.</small>		
01 29 73 00-0001	NTE Schedule of Values	0.00
<small>Note: For specification publishing. Review specifications for requirements.</small>		

01 30 Administrative Requirements (01)

01 31 Project Management and Coordination (01 30)

01 31 13	Project Coordination <small>(01 31)</small>	
<small>Note: For specification publishing. Review specifications for requirements.</small>		
01 31 13 00-0001	NTE Project Coordination	0.00
<small>Note: For specification publishing. Review specifications for requirements.</small>		

01 31 33 Project Minimum Labor Costs (01 31)

01 31 33 00-0001	Minimum Charge <small>(01 31 33)</small>	
<small>Note: Use item exclusively for projects when the sum of line items is less than the minimum charge per occurrence. Item should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Item quantity is 1, unless approved by owner.</small>		
01 31 33 00-0002	EA Brick Layer Minimum Charge	528.46
<small>Note: For projects where the total charge is less than the minimum charge. Use this item exclusively. This task should not be used in conjunction with any other tasks.</small>		
01 31 33 00-0003	EA Carpenter Minimum Charge	1,029.30
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0004	EA Carpet, Linoleum Minimum Charge	636.40
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0005	EA Cement Mason Minimum Charge	742.72
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0006	EA Drywall Finisher Minimum Charge	970.68
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0007	EA Drywall Installer Minimum Charge	1,011.35
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0008	EA Electrician Minimum Charge	1,012.88
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0009	EA Glazier Minimum Charge	823.90
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0010	EA Insulator Minimum Charge	942.34
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0011	EA Laborer Minimum Charge	677.65
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0012	EA Landscape Maintenance Worker Minimum Charge	802.65
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0013	EA Ornamental Metal Worker Minimum Charge	976.74
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		
01 31 33 00-0014	EA Painter, Ordinary Minimum Charge	680.11
<small>Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.</small>		

01	General Requirements
01 30	Administrative Requirements
01 31	Project Management and Coordination

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 31 33 00-0015	EA		Plasterer Minimum Charge Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	945.23	
01 31 33 00-0016	EA		Plumber Minimum Charge Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,046.24	
01 31 33 00-0017	EA		Roofer, Tile/Slate Minimum Charge Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	958.22	
01 31 33 00-0018	EA		Roofer, Composite Built-Up Minimum Charge Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,001.57	
01 31 33 00-0019	EA		Roofer, Composite, Shingles Minimum Charge Note: Use this item exclusively for work not in CTC. This task should not be used in conjunction with any other tasks.	525.79	
01 31 33 00-0020	EA		Sheet Metal Worker Minimum Charge Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	1,308.04	
01 31 33 00-0021	EA		Sprinkler Installer Minimum Charge Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	911.24	
01 31 33 00-0022	EA		Tile Layer (Floor) Minimum Charge Note: This task should not be used in conjunction with any other tasks utilizing this labor trade, unless approved by owner. Task quantity is 1, unless approved by owner.	679.95	

01 32 Construction Progress Documentation ^(01 30)

01 32 26 Construction Progress Reporting ^(01 32)

01 32 26 00-0001	NTE	Construction Progress Reporting..... Note: For specification publishing. Review specifications for requirements.	0.00
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01 32 33 Photographic Documentation ^(01 32)

01 32 33 00-0001 Photography ^(01 32 33)

Note: Excludes QC photographs. As requested by owner.

01 32 33 00-0002	EA	3-1/2" x 5" Color Print Photograph.....	3.09
01 32 33 00-0003	EA	4" x 6" Color Print Photograph.....	4.13
01 32 33 00-0004	EA	5" x 7" Color Print Photograph.....	8.38
01 32 33 00-0005	EA	8" x 10" Color Print Photograph.....	13.96

01 32 33 00-0006 Aerial Survey And Photography ^(01 32 33)

Note: Cost per single location, 15 to 20 photos, up to 6 proofs developed, pictures 8" x 10" or 8-1/2" x 11".

01 32 33 00-0007	EA	Aerial Photography, 1 Site Within City, 15-20 Photos, 6 Proofs..... <i>For Each Additional City Location, 15-20 Photos, 6 Proofs, Add</i> <i>For Each Mile Outside The City Area, Add</i> <i>For Color Prints Instead Of Black And White, Add</i>	2,441.28 175.00 3.00 732.38
01 32 33 00-0008	EA	5 Minute Aerial Video With 3 Tapes And 11 x 14 Still Photograph <i>For Each Additional City Location, 15-20 Photos, 6 Proofs, Add</i> <i>For Each Mile Outside The City Area, Add</i>	2,720.70 175.00 3.00
01 32 33 00-0009	HR	Aerial Tour Of Project Site Up To 3 Passengers (Helicopter).....	1,838.31

01 33 Submittal Procedures ^(01 30)

Note: For specification publishing. Review specifications for requirements.

01 33 00 00-0001	NTE	Submittal Procedures..... Note: For specification publishing. Review specifications for requirements.	0.00
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01 35 Special Procedures ^(01 30)

01 35 29 Health, Safety, and Emergency Response Procedures ^(01 35)

See CSI section 02 90 00 00-0000 for disaster recovery task.

01 35 29 00-0001 Emergency Response ^(01 35 29)

See CSI section 01 22 23 00-0000 for portable equipment usage (air compressors, generators, lighting, etc.), 01 52 13 00-0039 for container usage.

01 35 29 00-0002	MI	Trucking Delivery Of 20' Shipping Container.....	2.56
01 35 29 00-0003	MI	Trucking Delivery Of 40' Shipping Container.....	5.12

01 35 33 Infection Control Procedures ^(01 35)

See CSI section 02 87 19 00-0000 for Bio-Hazard And Infectious Disease Control Remediation.

01 35 43 Environmental Procedures ^(01 35)

01 35 43 13 Environmental Procedures For Hazardous Materials ^(01 35 43)

Note: For specification publishing. See specifications for requirements.

01 35 43 13-0001	NTE	Environmental Procedures For Hazardous Materials..... Note: For specification publishing. See specifications for requirements.	0.00
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01 40 Quality Requirements ⁽⁰¹⁾

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 41 Regulatory Requirements (01 40)

01 41 26 Permit Requirements (01 41)
See CSI section 01 22 16 00-0001 for reimbursable fees.

01 42 References (01 40)

01 42 13 Abbreviations and Acronyms (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 13 00-0001 NTE Abbreviations And Acronyms0.00
Note: For specification publishing. Review specifications for requirements.

01 42 16 Definitions (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 16 00-0001 NTE Definitions0.00
Note: For specification publishing. Review specifications for requirements.

01 42 19 Reference Standards (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 19 00-0001 NTE Reference Standards0.00
Note: For specification publishing. Review specifications for requirements.

01 42 21 Construction Suppliers or Vendor List (01 42)

Note: For specification publishing. Review specifications for requirements.

01 42 21 00-0001 NTE Construction Suppliers or Vendor List0.00
Note: For specification publishing. Review specifications for requirements.

01 45 Quality Control (01 40)

01 45 23 Testing and Inspecting Services (01 45)

Note: For application to existing materials/site conditions only. Includes acquisition and maintenance of sample (for laboratory tests) to include shipping as required, applicable equipment for field tests, and appropriate test reports.

01 45 23 00-0001 Soils/Aggregate Testing (01 45 23)

01 45 23 00-0002 Field Soils Tests (01 45 23 00-0001)

01 45 23 00-0003	EA	Plasticity Index Soils Test, ASTM D-4318, Field Soils Test.....	335.78
01 45 23 00-0004	EA	4" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test.....	476.59
01 45 23 00-0005	EA	6" Compaction Curves Soils Test, ASTM D-1557, Field Soils Test.....	541.58
01 45 23 00-0006	EA	Resistance (R) Value Soils Test, CA 301, Field Soils Test.....	433.26
01 45 23 00-0007	EA	Soils Classification Test, ASTM D-2487, Field Soils Test.....	649.89
01 45 23 00-0008	SET	Cement Treated Base Laboratory Design, Soil Cement, Field Soils Test.....	1,299.37
01 45 23 00-0009	EA	Moisture Content, Field Soils Test.....	48.73
01 45 23 00-0010	EA	UBC Or Swell Test, Field Soils Test.....	129.98
01 45 23 00-0011	EA	Proctor Compaction 4" Standard Mold ASTM D698, Field Soils Test.....	324.84
01 45 23 00-0012	EA	Proctor Compaction 6" Standard Mold, Field Soils Test.....	406.05
01 45 23 00-0013	EA	Density And Classification Test, Field Soils Test.....	98.94
01 45 23 00-0014	EA	Percolation Test, Field Soils Test.....	247.35
01 45 23 00-0015	EA	Infiltration Test, Field Soils Test.....	494.70

01 45 23 00-0016 Aggregate Testing (01 45 23 00-0001)

01 45 23 00-0017	EA	Coarse Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	108.32
01 45 23 00-0018	EA	Fine Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	194.97
01 45 23 00-0019	EA	Combined Aggregate Sieve Analysis Test, ASTM C-136, CA 202.....	270.79
01 45 23 00-0020	EA	Sieve Analysis, Pit Run, ASTM C136.....	160.78
Note: Includes wash.			
01 45 23 00-0021	EA	Specific Special Gravity, Course, ASTM C127.....	172.10
Note: Includes absorption test.			
01 45 23 00-0022	EA	Special Gravity, Fine, ASTM C127.....	154.30
Note: Includes absorption test.			
01 45 23 00-0023	EA	Coarse Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	229.47
01 45 23 00-0024	EA	Fine Aggregate Bulk SSD Specific Gravity Test, ASTM C-128.....	216.63
01 45 23 00-0025	EA	Aggregate Cleanness Value, ASTM C-128, CA 227.....	216.63
01 45 23 00-0026	EA	Sand Equivalent, Average of 3 Tests, ASTM D2419, CA 217.....	162.47
01 45 23 00-0027	EA	Fine Aggregate Durability Index, CA 229.....	173.30
01 45 23 00-0028	EA	Sodium And Magnesium Soundness, ASTM C88.....	454.78
01 45 23 00-0029	EA	Los Angeles Rattler, ASTM C-131, CA 211.....	346.61
01 45 23 00-0030	EA	Los Angeles Rattler, ASTM C-535.....	346.61
01 45 23 00-0031	EA	Unit Weight Of Aggregates, ASTM C29.....	97.48
01 45 23 00-0032	EA	Organic Impurities In Sand, ASTM C40.....	97.45
01 45 23 00-0033	EA	Crushed Particle, ASTM California Test Method.....	97.45
01 45 23 00-0034	EA	Clay Lump And Friable Particles, ASTM C142.....	194.91

01 45 23 00-0035 Permeability Tests (01 45 23 00-0001)

01 45 23 00-0036 In-Place Tests (01 45 23 00-0035)

01 45 23 00-0037	EA	Double Ring Infiltrometer Test, ASTM D3385.....	1,721.02
01 45 23 00-0038	EA	Unconfined Compressive Strength (Pocket Penetrometer) Test.....	81.21

01 General Requirements**01 40 Quality Requirements****01 45 Quality Control**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

01 45 23 00-0039	Lab Tests <small>(01 45 23 00-0035)</small>		
01 45 23 00-0040	EA	Falling Head Rigid Wall Consolidometer Technique CAE.....	803.14
01 45 23 00-0041	EA	Falling Head Permeability Test EPA-9100.....	803.14
01 45 23 00-0042	EA	Constant Head Permeability Test For Granular Soils, ASTM D2432.....	458.94
01 45 23 00-0043	Concrete/Cement/Asphalt Testing <small>(01 45 23)</small>		
01 45 23 00-0044	Concrete Testing <small>(01 45 23 00-0043)</small>		
01 45 23 00-0045	EA	Prepare 6 x 12 Concrete Cylinder And Deliver To Lab.....	23.13
01 45 23 00-0046	EA	6 x 12 Cylinder Concrete Compression Test, ASTM C-39 Or ASTM D1633.....	68.84
01 45 23 00-0047	EA	Concrete Cores Compression Test, ASTM C-42.....	140.81
01 45 23 00-0048	EA	6 x 6 x 18 Concrete Flexural Test, ASTM C-78.....	205.80
01 45 23 00-0049	EA	Unit Weight Of Concrete Cylinder, ASTM C-567.....	75.82
01 45 23 00-0050	EA	Concrete Mix Design Review.....	411.60
01 45 23 00-0051	EA	Trial Concrete Batch Prepared In Laboratory.....	974.84
01 45 23 00-0052	EA	Concrete Shrinkage, ASTM C-157 Modified.....	758.20
01 45 23 00-0053	EA	6 x 12 Concrete Cylinder Splitting Tensile Test, ASTM C-496.....	116.98
01 45 23 00-0054	EA	Concrete Slump Test, ASTM C143.....	54.16
01 45 23 00-0055	EA	Concrete Air Content Test, ASTM C138, ASTM C173, Or ASTM C231.....	54.16
01 45 23 00-0056	Cement Testing <small>(01 45 23 00-0043)</small>		
01 45 23 00-0057	EA	Cement Grab Sample (CCR Title 24)..... Note: Includes sealing and storing 1 year.	54.16
01 45 23 00-0058	EA	2" x 2" x 2" Cube Compression Test, All Type Materials.....	86.65
01 45 23 00-0059	Asphaltic Concrete Testing <small>(01 45 23 00-0043)</small>		
01 45 23 00-0060	EA	Hveem Asphaltic Concrete Stability Test, CA 366.....	108.32
01 45 23 00-0061	EA	Marshall Asphaltic Concrete Stability Test (3 Specimens), ASTM D-6926/6927.....	281.62
01 45 23 00-0062	EA	Stability Tests, Premixed, ASTM D1559.....	108.32
01 45 23 00-0063	EA	Stability Tests, Lab. Mixed, ASTM D1559.....	281.62
01 45 23 00-0064	EA	Swell Test, CA 305..... Note: Includes compaction.	129.98
01 45 23 00-0065	EA	% Asphalt Extraction Test, ASTM D-2172 B.....	324.94
01 45 23 00-0066	EA	Gradation On Extracted Sample, ASTM D-5444.....	216.63
01 45 23 00-0067	EA	Maximum Theoretical Unit Weight, ASTM C2041.....	206.52
01 45 23 00-0068	EA	Unit Weight Sample Requiring Compaction, California Test Method 308.....	43.33
01 45 23 00-0069	EA	Asphalt Unit Weight On Core Test, CA 308C.....	43.33
01 45 23 00-0070	HR	Nuclear Field Density Testing, 4 Hour Minimum.....	223.13
01 45 23 00-0071	EA	Asphalt Film Stripping Test, CTM 302/AASHTO T182/ASTM D1664.....	111.31
01 45 23 00-0072	EA	Penetration, ASTM D5.....	156.48
01 45 23 00-0073	Masonry/Concrete Block/Tile Testing <small>(01 45 23)</small>		
01 45 23 00-0074	Masonry Testing <small>(01 45 23 00-0073)</small>		
01 45 23 00-0075	EA	2" x 4" Cylinder Mortar Compression Test.....	71.49
01 45 23 00-0076	EA	4" x 4" x 8" Grout Prisms Compression Test.....	71.49
01 45 23 00-0077	EA	Masonry Cores Compression Test.....	140.81
01 45 23 00-0078	EA	Composite Grouted Prism Compression Test.....	270.79
01 45 23 00-0079	Concrete Block Testing (ASTM C140 Or CMA Per Specimen) <small>(01 45 23 00-0073)</small>		
01 45 23 00-0080	EA	Up To 8" x 8" x 16" Concrete Block Compression Test, ASTM C-140.....	173.30
01 45 23 00-0081	EA	Absorption Test, Moisture Content And Unit Weight.....	119.15
01 45 23 00-0082	EA	First Unit, Moisture Condition By Relative Humidity, ASTM C427.....	454.78
01 45 23 00-0083	EA	Moisture Condition By Relative Humidity, ASTM C427, Additional Unit.....	227.39
01 45 23 00-0084	Metals Testing <small>(01 45 23)</small>		
01 45 23 00-0085	Tank Line Tightness Testing <small>(01 45 23 00-0084)</small>		
01 45 23 00-0086	EA	Up To 12,000 Gallons, Tank Line Volumetric Tightness Testing.....	407.31
01 45 23 00-0087	EA	>12,000 To 29,999 Gallons, Tank Line Volumetric Tightness Testing.....	452.27
01 45 23 00-0088	EA	>29,999 Gallons, Tank Line Volumetric Tightness Testing.....	497.08
01 45 23 00-0089	Other Testing <small>(01 45 23)</small>		
01 45 23 00-0090	Special Testing <small>(01 45 23 00-0089)</small>		
01 45 23 00-0091	EA	Asphalt Roofing Cut-out Samples, To Determine Unit Weight.....	162.42
01 45 23 00-0092	EA	Complete Built-Up Roof Analysis, ASTM D2829 Or ASTM D3617.....	974.53
01 45 23 00-0093	EA	Bacteria Test (Total Coliform Bacteria And E. Coli Bacteria).....	50.62
01 45 23 00-0094	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Caulk, Analysis Per Sample.....	209.98
01 45 23 00-0095	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Soil, Analysis Per Sample.....	209.98
01 45 23 00-0096	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) Using Wipe Sampling, Analysis Per Sample.....	209.98
01 45 23 00-0097	EA	Testing For The Presence Of Polychlorinated Biphenyl (PCB) In Air, Analysis Per Sample.....	1,154.89
01 45 23 00-0098	EA	Testing And Certification Of Backflow Valves.....	502.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 45 23 00-0099 Non-destructive Field Testing Services (01 45 23 00-0089)		
01 45 23 00-0100 Infrared Thermography (01 45 23 00-0099)		
Note: The following tasks use certified infrared (IR) thermographers, such as Stockton Infrared Thermographic Services, Inc. and United Infrared, Inc., to scan for specific problems and produce a report on the findings. The contractor is entitled to the mobilization charge and the appropriate square foot or hourly task.		
01 45 23 00-0101 Roof Investigation And Moisture Survey Using Infrared Thermography (01 45 23 00-0100)		
Note: For on the roof surveys.		
01 45 23 00-0102 EA Roof Investigation And Moisture Survey Using Infrared Thermography, Mobilization Charge.....	3,779.64	
01 45 23 00-0103 CSF Up To 10,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography	6.30	
<i>For CADD Drawings, Add</i>		
	1.26	
01 45 23 00-0104 CSF >10,000 To 50,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	4.20	
<i>For CADD Drawings, Add</i>		
	0.84	
01 45 23 00-0105 CSF >50,000 To 250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	3.15	
<i>For CADD Drawings, Add</i>		
	0.63	
<i>For Elevated Infrared Thermography Roof Investigation, Add</i>		
	0.79	
<i>For Aerial Infrared Thermography Roof Investigation, Add</i>		
	0.79	
01 45 23 00-0106 CSF >250,000 SF, Roof Investigation And Moisture Survey Using Infrared Thermography.....	2.10	
<i>For CADD Drawings, Add</i>		
	0.42	
<i>For Elevated Infrared Thermography Roof Investigation, Add</i>		
	0.53	
<i>For Aerial Infrared Thermography Roof Investigation, Add</i>		
	0.53	
01 45 23 00-0107 Building Moisture Investigation Using Infrared Thermography (01 45 23 00-0100)		
Note: For finding moisture in walls and windows.		
01 45 23 00-0108 EA Building Moisture Investigation Using Infrared Thermography, Mobilization Charge.....	1,994.81	
01 45 23 00-0109 CSF Up To 1,000 SF, Building Moisture Investigation Using Infrared Thermography	6.30	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	3.15	
01 45 23 00-0110 CSF >1,000 To 5,000 SF, Building Moisture Investigation Using Infrared Thermography.....	4.20	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	2.10	
01 45 23 00-0111 CSF >5,000 SF, Building Moisture Investigation Using Infrared Thermography.....	2.10	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	1.05	
01 45 23 00-0112 General Building Investigation Using Infrared Thermography (01 45 23 00-0100)		
Note: For finding missing or misplaced insulation, air leakage and delamination.		
01 45 23 00-0113 EA General Building Investigation Using Infrared Thermography, Mobilization Charge.....	4,094.61	
01 45 23 00-0114 CSF Up To 1,000 SF, General Building Investigation Using Infrared Thermography	6.30	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	3.15	
01 45 23 00-0115 CSF >1,000 To 5,000 SF, General Building Investigation Using Infrared Thermography.....	4.20	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	2.10	
01 45 23 00-0116 CSF >5,000 SF, General Building Investigation Using Infrared Thermography	2.10	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	1.05	
01 45 23 00-0117 Electrical /Mechanical Equipment Scanning Using Infrared Thermography (01 45 23 00-0100)		
Note: For diagnosing electrical issues such as loose connections, overloaded or imbalanced circuits, faulty breakers, damaged switches, faulty fuses, etc. For diagnosing electrical issues caused by resistance and mechanical issues caused by friction.		
01 45 23 00-0118 EA Electrical /Mechanical Equipment Scanning Using Infrared Thermography, Mobilization Charge.....	1,994.81	
01 45 23 00-0119 HR Electrical /Mechanical Equipment Scanning Using Infrared Thermography	193.36	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	28.93	
01 45 23 00-0120 Concrete Block Wall Investigation Using Infrared Thermography (01 45 23 00-0100)		
Note: For investigating issues with grouted cells, bond beams and other structural components in concrete block walls.		
01 45 23 00-0121 EA Concrete Block Wall Investigation Using Infrared Thermography, Mobilization Charge.....	1,994.81	
01 45 23 00-0122 CSF Up To 50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography.....	6.30	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	0.95	
01 45 23 00-0123 CSF >50,000 SF, Concrete Block Wall Investigation Using Infrared Thermography.....	4.20	
<i>For Digital Or Analog Recording Of All Items, Add</i>		
	0.63	
01 45 23 00-0124 Other Non-destructive Field Testing Services (01 45 23 00-0099)		
01 45 23 00-0125 HR ASNT Certified Level I NDT Consultant.....	65.55	
01 45 23 00-0126 HR ASNT Certified Level II NDT Consultant.....	73.12	
01 45 23 00-0127 HR ASNT Certified Level III NDT Consultant.....	84.98	
01 45 23 00-0128 HR Certified Industrial Radiography Radiation Safety Personnel	112.02	
01 45 23 00-0129 Testing Professional Services (01 45 23 00-0089)		
01 45 23 00-0130 HR Concrete, Steel, Masonry, Expansion Anchor And Soils Inspection	201.47	
01 45 23 00-0131 HR Laboratory Technician	194.97	
01 45 23 00-0132 HR Portable Digital Reinforcement Scanner	281.62	
01 45 23 00-0133 HR Subsurface Detection Radar System.....	476.59	
01 45 23 00-0134 HR Pavement Rehabilitation Analysis Using Deflectors	541.58	
01 45 29 Testing Laboratory Services (01 45)		

01	01	General Requirements
	01 40	Quality Requirements
	01 45	Quality Control



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 45 29 00-0001	Soil Borings Laboratory Tests <small>(01 45 29)</small>	
01 45 29 00-0002	EA Atterberg Limits - Liquid Limits (LL) And Plastic Limits (PL), T89, T90, ASTM D4318, Soil Borings Laboratory Test.....	149.16
01 45 29 00-0003	EA Shrinkage Limit, Soil Borings Laboratory Test.....	47.59
01 45 29 00-0004	EA Unconfined Compressive Strength of Cohesive Soils, Soil Borings Laboratory Test.....	114.74
01 45 29 00-0005	EA Consolidation, Soil Borings Laboratory Test.....	803.14
01 45 29 00-0006	EA Swell Test, Soil Borings Laboratory Test.....	125.92
01 45 29 00-0007	EA In Place Density, Soil Borings Laboratory Test.....	34.42
01 45 29 00-0008	EA Moisture Content, ASTM D2216, Soil Borings Laboratory Test.....	21.38
01 45 29 00-0009	EA Hydrometer Analysis, Soil Borings Laboratory Test.....	276.08
01 45 29 00-0010	EA Specific Gravity, ASTM D854, Soil Borings Laboratory Test.....	96.25
01 45 29 00-0011	EA Partial Sieve Analysis, Soil Borings Laboratory Test.....	19.03
01 45 29 00-0012	EA Laboratory Permeability, Soil Borings Laboratory Test.....	951.72
01 45 29 00-0013	EA Sieve Analysis, ASTM D422, Soil Borings Laboratory Test.....	192.50
01 45 29 00-0014	EA Sulfate Soundness, Soil Borings Laboratory Test.....	237.93
01 45 29 00-0015	EA Los Angeles Abrasion, Soil Borings Laboratory Test.....	440.43
01 45 29 00-0016	EA Soil Bearing Ratio, ASTM D1883.....	487.42
01 45 29 00-0017	EA Compaction Test Subgrade, Soil Borings Laboratory Test.....	142.76
01 45 29 00-0018	EA Compaction Test Base Course, Soil Borings Laboratory Test.....	158.62
01 45 29 00-0019	EA In Place Density And Water Content Test By Nuclear Methods, ASTM D6938, Soil Borings Laboratory Test.....	340.43
01 45 29 00-0020	EA Field Density Sand Cone, AASHTO T-191, ASTM D1556, Soil Borings Laboratory Test.....	72.97

01 50 Temporary Facilities and Controls (01)

Note: Tasks in this section shall be used as directed by owner.

01 51 Temporary Utilities (01 50)

01 51 13 Temporary Electricity (01 51)

01 51 13 00-0001 Temporary Service Switch And/Or Building Feeder Switch (01 51 13)

Note: Includes all connections and removal after use.

01 51 13 00-0002	EA Temporary 100 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses.....	1,402.17
01 51 13 00-0003	EA Temporary 200 Amperes, NEMA 1 Or 3R, Disconnect Switch With Fuses.....	2,172.68
01 51 13 00-0004	EA Temporary 400 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses.....	3,994.95
01 51 13 00-0005	EA Temporary 600 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses.....	6,596.83
01 51 13 00-0006	EA Temporary 800 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses.....	9,089.49
01 51 13 00-0007	EA Temporary 1,200 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses.....	14,651.46
01 51 13 00-0008	EA Temporary 2,000 Amperes, 240 Volt, NEMA 3R, Disconnect Switch With Fuses.....	20,382.15

01 51 13 00-0009 Temporary 120/208 Volt Main Lug Panelboard Complete With Branch Fuses (01 51 13)

Note: Includes mounting on wall and removal after use.

01 51 13 00-0010	EA Temporary 100 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	1,465.93
01 51 13 00-0011	EA Temporary 200 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	2,036.38
01 51 13 00-0012	EA Temporary 400 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	3,189.01
01 51 13 00-0013	EA Temporary 600 Amperes, Panelboard Complete With GFCI Circuit Breakers.....	4,517.25

01 51 13 00-0014 Temporary Conduit And Cable For Temporary Disconnect Switches And Temporary Panelboards (01 51 13)

Note: Includes all connections, fittings, supports and removal after use.

01 51 13 00-0015	LF Temporary SER Cable (Conduit As Required) For Temporary Disconnect Switches And Temporary Panelboards.....	11.56
01 51 13 00-0016	LF Temporary Branch Circuit Conduit And Wiring For Temporary Disconnect Switches And Temporary Panelboards.....	12.67

01 51 26 Temporary Lighting (01 51)

01 51 26 00-0001 Temporary Lighting Devices (01 51 26)

Note: Includes removal after use.

01 51 26 00-0002	EA Temporary Exit Light.....	272.64
01 51 26 00-0003	EA Temporary 10 Light String With Cages.....	97.58
01 51 26 00-0004	EA Temporary High Bay Light.....	365.31

01 52 Construction Facilities (01 50)

Note: Tasks in this section shall be used as directed by owner for owner's use. See CSI section 13 34 23 13-0030 for anchors for holding down portable buildings and structures where required.

01 52 13 Field Offices and Sheds (01 52)

01 52 13 00-0001 Field Offices and Office Trailers (01 52 13)

Note: Excludes furniture, utility connections and service. Minimum 6 months rental. See CSI section 01 52 13 00-0015 for furniture, skirting, and steps.

01 52 13 00-0002	MO 8' x 24' Mobile Office, With Toilet.....	184.67
	<i>For Each Delivery And Removal, Two Round Trips, Add</i>	1,209.24
	<i>For Each Set-Up (Block And Level), Add</i>	430.60
	<i>For Each Anchoring Into Dirt, Add</i>	131.31
	<i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	196.96
	<i>For Office Trailer Without Toilet, Deduct</i>	-36.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0003 MO 8' x 32' Mobile Office, With Toilet.....	209.29	
For Each Delivery And Removal, Two Round Trips, Add	1,209.24	
For Each Set-Up (Block And Level), Add	430.60	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
For Office Trailer Without Toilet, Deduct	-41.86	
01 52 13 00-0004 MO 10' x 36' Mobile Office, With Toilet.....	283.16	
For Each Delivery And Removal, Two Round Trips, Add	1,813.86	
For Each Set-Up (Block And Level), Add	702.55	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
For Office Trailer Without Toilet, Deduct	-56.63	
01 52 13 00-0005 MO 10' x 40' Mobile Office, With Toilet.....	301.63	
For Each Delivery And Removal, Two Round Trips, Add	1,813.86	
For Each Set-Up (Block And Level), Add	702.55	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
For Office Trailer Without Toilet, Deduct	-60.33	
01 52 13 00-0006 MO 10' x 44' Mobile Office, With Toilet.....	332.40	
For Each Delivery And Removal, Two Round Trips, Add	1,813.86	
For Each Set-Up (Block And Level), Add	702.55	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0007 MO 10' x 50' Mobile Office, With Toilet.....	350.87	
For Each Delivery And Removal, Two Round Trips, Add	1,813.86	
For Each Set-Up (Block And Level), Add	702.55	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0008 MO 12' x 32' Mobile Office, With Toilet.....	271.46	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
For Each Delivery And Removal, Two Round Trips, Add	697.91	
For Each Set-Up (Block And Level), Add	566.58	
01 52 13 00-0009 MO 12' x 44' Mobile Office, With Toilet.....	362.94	
For Each Delivery And Removal, Two Round Trips, Add	1,813.86	
For Each Set-Up (Block And Level), Add	702.55	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0010 MO 12' x 50' Mobile Office, With Toilet.....	412.43	
For Each Delivery And Removal, Two Round Trips, Add	1,813.86	
For Each Set-Up (Block And Level), Add	702.55	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0011 MO 12' x 60' Mobile Office, With Toilet.....	449.36	
For Each Delivery And Removal, Two Round Trips, Add	1,813.86	
For Each Set-Up (Block And Level), Add	702.55	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0012 MO 24' x 60' Modular Office, With Toilet.....	984.89	
For Each Delivery And Removal, Two Round Trips, Add	3,627.71	
For Each Set-Up (Block And Level), Add	1,133.15	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0013 MO 24' x 72' Modular Office, With Toilet.....	1,181.87	
For Each Delivery And Removal, Two Round Trips, Add	3,627.71	
For Each Set-Up (Block And Level), Add	1,133.15	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0014 MO 30' x 30' Modular Office, With Toilet.....	561.70	
For Each Delivery And Removal, Two Round Trips, Add	3,627.71	
For Each Set-Up (Block And Level), Add	1,133.15	
For Each Anchoring Into Dirt, Add	131.31	
For Each Anchoring Into Asphalt Or Concrete, Add	196.96	
01 52 13 00-0015 Accessories For Field Office Trailers (01 52 13)		
Note: Costs includes installation or placement in trailer.		
01 52 13 00-0016 MO Desk For Field Office Trailer.....	55.88	
01 52 13 00-0017 MO Rolling Desk Chair For Field Office Trailer.....	34.93	
01 52 13 00-0018 MO File Cabinet For Field Office Trailer.....	41.91	
01 52 13 00-0019 MO Table For Field Office Trailer.....	27.94	
01 52 13 00-0020 MO Folding Chair For Field Office Trailer.....	13.24	
01 52 13 00-0021 EA Phone Hook-Up For Field Office Trailer.....	153.68	
01 52 13 00-0022 MO Local Phone Service Per Phone Line For Field Office Trailer.....	97.80	
01 52 13 00-0023 MO Security System With Monitoring For Field Office Trailer.....	176.09	
01 52 13 00-0024 LF Perimeter Trailer Vinyl Skirting For Field Office Trailer.....	15.76	
01 52 13 00-0025 LF Insulated Perimeter Trailer Vinyl Skirting For Field Office Trailer.....	37.33	
01 52 13 00-0026 MO Steps For Field Office Trailer.....	45.96	
01 52 13 00-0027 MO Fax Machine For Field Office Trailer.....	69.86	
01 52 13 00-0028 YR Single Port Firewall Router.....	387.49	
01 52 13 00-0029 YR 8 Port Ethernet Switch.....	154.47	
01 52 13 00-0030 YR 16 Port Ethernet Switch.....	170.18	
01 52 13 00-0031 YR Cisco Modular Router, #1751.....	1,433.46	
01 52 13 00-0032 YR Wyse 3235LE System.....	1,097.03	
01 52 13 00-0033 YR Desktop Computer Workstation With 17" Monitor.....	1,146.77	
01 52 13 00-0034 YR Laserjet 4200TN Printer.....	1,664.86	

01	01	General Requirements
	01 50	Temporary Facilities and Controls
	01 52	Construction Facilities

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 52 13 00-0035 YR Mobile Communication Device, Motorola CT250	688.59	
01 52 13 00-0036 YR Laser Fax Machine, Brother Intellifax-4750	574.24	
01 52 13 00-0037 YR Copier With 3 Paper Trays, Sorter, Collating And Zoom	756.66	
01 52 13 00-0038 MO Copier For Field Office Trailer.....	111.77	
01 52 13 00-0039 Storage Containers (01 52 13)		
01 52 13 00-0040 MO 8' x 8' x 10' Storage Container	252.35	
<i>For Each Delivery And Removal, Two Round Trips, Add</i>	<i>185.78</i>	
<i>For >12 Months, Deduct</i>	<i>-75.71</i>	
01 52 13 00-0041 MO 8' x 8' x 20' Storage Container	263.82	
<i>For Each Delivery And Removal, Two Round Trips, Add</i>	<i>204.36</i>	
<i>For >12 Months, Deduct</i>	<i>-79.15</i>	
01 52 13 00-0042 MO 8' x 8' x 40' Storage Container	312.00	
<i>For Each Delivery And Removal, Two Round Trips, Add</i>	<i>411.58</i>	
<i>For >12 Months, Deduct</i>	<i>-93.60</i>	
01 52 13 00-0043 EA Relocate Up To 100' Storage Container On Site	196.67	
01 52 13 00-0044 EA Relocate >100' To 300' Storage Container On Site	245.83	
01 52 13 00-0045 EA Relocate >300' To 500' Storage Container On Site	344.16	
01 52 13 00-0046 EA Relocate >500' Storage Container On Site.....	393.33	
01 52 19 Sanitary Facilities (01 52)		
01 52 19 00-0001 Portable Toilets (01 52 19)		
Note: Includes set-up, servicing once per week (unless task states otherwise) and removal.		
01 52 19 00-0002 WK Portable Chemical Toilet.....	43.33	
<i>For Each Additional Servicing Per Unit Per Week, Add</i>	<i>25.00</i>	
<i>For Each Delivery And Set-up, Add</i>	<i>45.00</i>	
01 52 19 00-0003 MO Portable Chemical Toilet.....	129.99	
<i>For Each Additional Servicing Per Unit Per Week, Add</i>	<i>25.00</i>	
<i>For Each Delivery And Set-up, Add</i>	<i>45.00</i>	
01 52 19 00-0004 WK Americans With Disabilities Act Compliant Portable Chemical Toilet	51.68	
<i>For Each Additional Servicing Per Unit Per Week, Add</i>	<i>25.00</i>	
<i>For Each Delivery And Set-up, Add</i>	<i>45.00</i>	
01 52 19 00-0005 MO Americans With Disabilities Act Compliant Portable Chemical Toilet	151.65	
<i>For Each Additional Servicing Per Unit Per Week, Add</i>	<i>25.00</i>	
<i>For Each Delivery And Set-up, Add</i>	<i>45.00</i>	
01 52 19 00-0006 WK Two Station Portable Handwash.....	53.54	
<i>For Each Delivery And Set-up, Add</i>	<i>45.00</i>	
01 52 19 00-0007 MO Two Station Portable Handwash.....	162.42	
<i>For Each Delivery And Set-up, Add</i>	<i>45.00</i>	
01 52 19 00-0008 MO 6 Station, Portable Toilets, Multi Trailer	4,582.08	
Note: Includes women's room (3 toilets, 2 sinks) and men's room (1 toilet, 1 urinal and 1 sink). Excludes servicing.		
<i>For Each Delivery, Set-up And Removal, Two Round Trips, Add</i>	<i>1,176.13</i>	
01 52 19 00-0009 WK Service 6 Station Trailer Restrooms, 3 Times Per Week.....	1,997.66	
<i>For One Additional Service Per Week, Add</i>	<i>665.88</i>	
Note: For one less service per week, UOM to be negative one (-1)		
01 53 Temporary Construction (01 50)		
01 53 16 Temporary Decking (01 53)		
01 53 16 00-0001 Temporary Walkways And Railings (01 53 16)		
Note: Includes removal after use.		
01 53 16 00-0002 SF Temporary Wood Walkway, 3/4" Plywood On 2 x 6 Stringers	7.74	
01 53 16 00-0003 LF Temporary Wooden Guardrail, 42" High, Posts, Handrail, And Intermediate Rail	32.39	
01 53 16 00-0004 LF Temporary Wood Guardrail Base, 12" x 12" Timber Beam.....	14.71	
01 53 16 00-0005 RSR Temporary Wood Stairs, Tread And Riser On 2" x 12" Stringers.....	25.77	
01 53 23 Temporary Ramps (01 53)		
01 53 23 00-0001 Temporary Plywood For Wheel Barrow Access (01 53 23)		
Note: Includes removal after use.		
01 53 23 00-0002 SF Temporary Plywood For Wheel Barrow Access.....	1.52	0.49
01 54 Construction Aids (01 50)		
01 54 09 Personnel Protection Equipment (01 54)		
01 54 09 00-0001 Personnel Protection Equipment (01 54 09)		
Note: Personnel Protection Equipment (PPE) for workers safety is considered as part of the Contractor's and Workers responsibility. Includes, but are not limited to; protective work gloves, hearing protection, protective clothing, reflective vests, safety glasses or face shields, dust masks, hard hats, appropriate foot protection (slip resistant, puncture-resistant soles, safety-toed), safety harnesses with lifeline, etc. Review JOC Note and specifications for requirements.		
01 54 09 00-0002 NTE Personnel Protection Equipment	0.00	
Note: For specification publishing. Review specifications for requirements.		
01 54 23 Temporary Scaffolding and Platforms (01 54)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 54 23 00-0001 Scaffolding <small>(01 54 23)</small> Note: Additional scaffolding rental for work above the normal working height.		
01 54 23 00-0002 Scaffolding Rental - Rental Only <small>(01 54 23 00-0001)</small> Note: Monthly rental of actual scaffolding volume rented. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps and building ties, etc. See CSI section 01 54 23 00-0006 for scaffolding erection and dismantling.		
01 54 23 00-0003 CCF Scaffolding With Bracing Accessories - Area Based On 5' Wide Sections (CCF / Month).....	29.48	
For Up To 25, Add	11.79	
For >25 To 50, Add	7.37	
For >50 To 150, Add	2.95	
01 54 23 00-0004 CCF Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month).....	33.15	
For Up To 25, Add	13.26	
For >25 To 50, Add	8.29	
For >50 To 150, Add	3.32	
01 54 23 00-0005 CCF Scaffolding With Bracing Accessories - Area Based On 3' Wide Sections (CCF / Month).....	44.22	
For Up To 25, Add	17.69	
For >25 To 50, Add	11.06	
For >50 To 150, Add	4.42	
01 54 23 00-0006 Scaffolding Erection And Dismantling - Labor Only <small>(01 54 23 00-0001)</small> Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0002 for scaffolding rental.		
01 54 23 00-0007 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	44.56	
01 54 23 00-0008 CCF >20' To 40' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	58.43	
01 54 23 00-0009 CCF >40' To 60' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	77.98	
01 54 23 00-0010 CCF >60' To 80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	85.78	
01 54 23 00-0011 CCF >80' Height Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories	98.78	
01 54 23 00-0012 CCF Up To 20' Height Scaffolding Initial Erection And Final Dismantling Set Up On Stairs, Per CCF Of Scaffolding And Accessories	62.39	
01 54 23 00-0013 Heavy Duty Masonry Scaffolding Rental - Rental Only <small>(01 54 23 00-0001)</small> Note: Monthly rental of actual scaffolding volume rented. For projects over 2 stories. Scaffolding is complete with bracing, 2" thick x 12" wide scaffolding planks, scaffolding stairs (where necessary in lieu of planks), standard accessories, base leveling devices, mud sills, climbing ladders and landings, brackets, clamps, flat plate, connectors and building ties, etc. See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0014 CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 4' Wide Sections (CCF / Month).....	66.83	
01 54 23 00-0015 CCF Heavy Duty Masonry Scaffolding With Bracing Accessories - Area Based On 2' Wide Sections (CCF / Month).....	122.52	
01 54 23 00-0016 LF Aluminum Joists (LF / Month).....	10.87	
01 54 23 00-0017 LF Aluminum Stringers (LF / Month).....	15.58	
01 54 23 00-0018 EA Screw Jack With U-Plate For Stringers (EA / Month).....	19.64	
01 54 23 00-0019 Heavy Duty Masonry Scaffolding Erection And Dismantling - Labor Only <small>(01 54 23 00-0001)</small> Note: Includes both initial erection and final dismantling Excludes lifting equipment. The unit of measure is the volume of scaffolding erected. See CSI section 01 54 23 00-0013 for scaffolding rental.		
01 54 23 00-0020 CCF Up To 20' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	83.18	
01 54 23 00-0021 CCF >20' To 40' Height Heavy Duty Masonry Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	103.98	
01 54 23 00-0022 CCF >40' To 60' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	124.77	
01 54 23 00-0023 CCF >60' To 80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	135.17	
01 54 23 00-0024 CCF >80' Height Heavy Duty Scaffolding Initial Erection And Final Dismantling, Per CCF Of Scaffolding And Accessories.....	150.77	
01 54 23 00-0025 Scaffolding Accessories <small>(01 54 23 00-0001)</small> See CSI section 01 54 23 00-0019 for erection.		
01 54 23 00-0026 CSF Netting for Exterior Building Scaffolding	39.55	
Note: Includes removal after use.		
01 54 23 00-0027 Rolling Scaffolding <small>(01 54 23)</small> Note: Includes moving and relocating scaffolding on site. Excludes initial erection and final dismantling of scaffold.		
01 54 23 00-0028 DAY >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	12.58	
01 54 23 00-0029 WK >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	50.41	
01 54 23 00-0030 MO >14' To 20', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	201.63	
01 54 23 00-0031 DAY >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	21.06	
01 54 23 00-0032 WK >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	84.35	
01 54 23 00-0033 MO >20' To 40', Rolling Scaffolding, Complete With Wheels, Railings, Etc., (5' Wide X 7' Long Section)	337.44	
01 54 23 00-0034 EA >14' To 20', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	102.67	
01 54 23 00-0035 EA >20' To 40', Rolling Scaffolding Initial Erection And Final Dismantling For Each Scaffold	128.33	
01 54 23 00-0036 Shoring Posts <small>(01 54 23)</small>		
01 54 23 00-0037 DAY 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	2.00	
01 54 23 00-0038 WK 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	8.00	
01 54 23 00-0039 MO 6'-6" To 11' Extension, 5,000 LB Capacity, Steel Shoring Post	24.00	

01	General Requirements
01 50	Temporary Facilities and Controls
01 54	Construction Aids

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

01 54 23 00-0040	EA	Initial Erection And Final Dismantling For Each Shoring Post.....	8.22
		<i>For >20 To 50, Deduct</i>	-1.23
		<i>For >50 To 100, Deduct</i>	-2.88
		<i>For >100, Deduct</i>	-4.52

01 54 23 00-0041 Temporary Lumber, Single Use (01 54 23)

Note: Includes removal after use.

01 54 23 00-0042	SF	5/16" CD Grade Plywood, Temporary Lumber.....	2.31
01 54 23 00-0043	SF	1/2" CD Grade Plywood, Temporary Lumber.....	2.69
01 54 23 00-0044	SF	5/8" CD Grade Plywood, Temporary Lumber.....	2.85
01 54 23 00-0045	SF	3/4" CD Grade Plywood, Temporary Lumber.....	3.09
01 54 23 00-0046	SF	1" CD Grade Plywood, Temporary Lumber.....	4.42
01 54 23 00-0047	LF	2" x 4" Temporary Lumber.....	3.19
01 54 23 00-0048	LF	2" x 6" Temporary Lumber.....	4.06
01 54 23 00-0049	LF	2" x 8" Temporary Lumber.....	4.93
01 54 23 00-0050	LF	2" x 10" Temporary Lumber.....	5.81
01 54 23 00-0051	LF	2" x 12" Temporary Lumber.....	6.68
01 54 23 00-0052	LF	3" x 8" Temporary Lumber.....	6.68
01 54 23 00-0053	LF	3" x 10" Temporary Lumber.....	7.99
01 54 23 00-0054	LF	3" x 12" Temporary Lumber.....	9.31
01 54 23 00-0055	LF	4" x 4" Temporary Lumber.....	4.36
01 54 23 00-0056	LF	4" x 6" Temporary Lumber.....	6.30
01 54 23 00-0057	LF	6" x 6" Temporary Lumber.....	8.23
01 54 23 00-0058	LF	6" x 8" Temporary Lumber.....	10.69
01 54 23 00-0059	LF	12" x 12" Temporary Lumber.....	26.42

01 54 23 00-0060 Temporary Precast Concrete Blocks (01 54 23)

Note: Includes removal after use.

01 54 23 00-0061	EA	2' x 2' x 2' Temporary Precast Concrete (Ecology) Block.....	110.97
		Note: Includes removal after use.	
01 54 23 00-0062	EA	2' x 2' x 4' Temporary Precast Concrete (Ecology) Block.....	138.72
		Note: Includes removal after use.	
01 54 23 00-0063	EA	2' x 2' x 8' Temporary Precast Concrete (Ecology) Block.....	181.04
		Note: Includes removal after use.	

01 54 26 Temporary Swing Staging (01 54)

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, all necessary safety equipment for personnel and anchoring to existing roof anchors. Excludes installing roof anchors.

01 54 26 00-0001 Swing Stage (01 54 26)

Note: Up to one month rental. Includes connection to existing electrical outlet on roof, and all necessary safety equipment for personnel. Excludes installing roof anchors.

01 54 26 00-0002	MO	7' Swing Stage, Electric Operated.....	2,937.64
01 54 26 00-0003	MO	10' Swing Stage, Electric Operated.....	3,084.52
01 54 26 00-0004	MO	14' Swing Stage, Electric Operated.....	3,231.40
01 54 26 00-0005	MO	20' Swing Stage, Electric Operated.....	3,378.28
01 54 26 00-0006	MO	24' Swing Stage, Electric Operated.....	3,525.17
01 54 26 00-0007	MO	30' Swing Stage, Electric Operated.....	3,672.05
01 54 26 00-0008	MO	42' Swing Stage, Electric Operated.....	3,818.93
01 54 26 00-0009	MO	12' Swing Stage, Manually Operated.....	847.09
01 54 26 00-0010	MO	24' Swing Stage, Manually Operated.....	1,058.87
01 54 26 00-0011	EA	Swing Stage Platform From Hooks, Erection And Dismantling.....	4,376.96
		Note: Includes both initial erection and final dismantling of platform. Excludes anchors or temporary roof mounted outrigger system.	
01 54 26 00-0012	EA	Swing Stage Platform And Temporary Roof Mounted Outrigger System Erection And Dismantling.....	6,082.52
		Note: Includes both initial erection and final dismantling of temporary roof mounted outrigger system.	
01 54 26 00-0013	EA	Move Swing Stage Platform From Hooks To Different Location At Same Roof.....	2,301.50
01 54 26 00-0014	EA	Move Swing Stage Platform and Temporary Roof Mounted Outrigger System To Different Location At Same Roof.....	3,205.66

01 55 Vehicular Access and Parking (01 50)

01 55 23 Temporary Roads (01 55)

01 55 23 00-0001 Temporary Stabilized Construction Entrance (01 55 23)

Note: As per Caltrans detail.

01 55 23 00-0002	SF	3" To 4" Rock Temporary Stabilized Construction Entrance Assembly.....	2.61
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	
01 55 23 00-0003	SF	>4" To 6" Rock Temporary Stabilized Construction Entrance Assembly.....	3.31
		Note: Includes up to 12" excavation of pit, hauling and disposal of soil, filter fabric at base and sides, filled with rock, and compaction.	

01 55 23 00-0004 Rumble Trench Plate (01 55 23)

01 55 23 00-0005	MO	8' x 10' Steel Rumble Trench Plate Rental.....	392.36
01 55 23 00-0006	EA	Placement And Removal Of Rumble Plate.....	90.00
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	
01 55 23 00-0007	EA	Relocate And Adjust Location Of Rumble Plate.....	22.50
		Note: If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rentals tasks, 01 71 13 00-0000 for mobilization tasks.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 23 00-0008 Temporary Road Ramps (Godwin) <small>(01 55 23)</small>		
<i>Note: Excludes asphalt and gravel.</i>		
01 55 23 00-0009 EA 4" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	4,793.38	204.57
01 55 23 00-0010 EA 6" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	6,522.91	306.84
01 55 23 00-0011 EA 8" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	9,014.91	409.12
01 55 23 00-0012 EA 12" Pipeline, 12' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	18,750.47	511.41
01 55 23 00-0013 EA 24" Pipeline, 15' Passable Vehicle Width, Temporary Road Ramp (Godwin).....	27,532.93	613.69
 01 55 26 Traffic Control <small>(01 55)</small>		
01 55 26 00-0001 Temporary Removable Preformed Traffic Black Line Mask <small>(01 55 26)</small>		
<i>Note: Includes installation and removal after use.</i>		
01 55 26 00-0002 LF 6" Removable Traffic Black Line Mask	5.01	
01 55 26 00-0003 LF 8" Removable Traffic Black Line Mask	6.08	
 01 55 26 00-0004 Temporary Preformed Traffic Line Tape <small>(01 55 26)</small>		
<i>Note: Includes installation and removal after use.</i>		
01 55 26 00-0005 LF 4" Reflective Removable Traffic Line Tape.....	5.07	
01 55 26 00-0006 LF 6" Reflective Removable Traffic Line Tape.....	6.94	
01 55 26 00-0007 LF 8" Reflective Removable Traffic Line Tape.....	8.72	
 01 55 26 00-0008 Temporary Painted Traffic Lines <small>(01 55 26)</small>		
<i>Note: Includes installation and removal after use.</i>		
01 55 26 00-0009 LF 4" Temporary Painted Traffic Lines	2.23	
<i>For Not Removed, Deduct</i>		
01 55 26 00-0010 LF 6" Temporary Painted Traffic Lines	2.94	
<i>For Not Removed, Deduct</i>		
01 55 26 00-0011 LF 8" Temporary Painted Traffic Lines	3.68	
<i>For Not Removed, Deduct</i>		
 01 55 26 00-0012 Temporary Pedestrian Traffic Control <small>(01 55 26)</small>		
01 55 26 00-0013 CLF 1", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	9.57	
01 55 26 00-0014 CLF 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Orange	12.46	
01 55 26 00-0015 CLF 3/4", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	7.57	
01 55 26 00-0016 CLF 2", 4 Mil Polyethylene Printed Barricade Tape, Fluorescent Yellow	9.25	
01 55 26 00-0017 CLF 3", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	10.03	
01 55 26 00-0018 CLF 6", 4 Mil Polyethylene Printed Barricade Tape, Non-Fluorescent	13.69	
01 55 26 00-0019 CLF 1" Exterior Vinyl Tape (Warning Tape)	11.29	
01 55 26 00-0020 CLF 2" Exterior Vinyl Tape (Warning Tape)	15.73	
01 55 26 00-0021 CLF 3" Exterior Vinyl Tape (Warning Tape)	19.65	
01 55 26 00-0022 CLF 4" Exterior Vinyl Tape (Warning Tape)	22.98	
 01 55 26 00-0023 Linear Delineation System, Temporary Or Permanent <small>(01 55 26)</small>		
<i>Note: High visibility reflective sheeting strips. Scotchlite as manufactured by 3M.</i>		
01 55 26 00-0024 LF 4" Linear Delineation System.....	10.99	
01 55 26 00-0025 LF 6" Linear Delineation System.....	14.91	
 01 55 26 00-0026 Temporary Traffic Protection <small>(01 55 26)</small>		
01 55 26 00-0027 Temporary Portable Traffic Control Device Usage <small>(01 55 26 00-0026)</small>		
<i>Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0108 for delivery, placing and removal.</i>		
01 55 26 00-0028 DAY 28" Cone With Reflective Collar.....	0.84	
01 55 26 00-0029 WK 28" Cone With Reflective Collar.....	2.53	
01 55 26 00-0030 MO 28" Cone With Reflective Collar.....	7.58	
01 55 26 00-0031 DAY 36" Traffic Cone With Reflective Collar.....	1.05	
01 55 26 00-0032 WK 36" Traffic Cone With Reflective Collar.....	3.16	
01 55 26 00-0033 MO 36" Traffic Cone With Reflective Collar.....	9.48	
01 55 26 00-0034 DAY Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....	1.98	
01 55 26 00-0035 WK Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....	5.95	
01 55 26 00-0036 MO Tubular Marker Delineator Guide Post With Base/Channelizing Guide Post.....	17.86	
01 55 26 00-0037 DAY Vertical Panel.....	2.54	
01 55 26 00-0038 WK Vertical Panel.....	7.63	
01 55 26 00-0039 MO Vertical Panel.....	22.90	
01 55 26 00-0040 DAY Channelizer Drum.....	2.76	
01 55 26 00-0041 WK Channelizer Drum.....	8.29	
01 55 26 00-0042 MO Channelizer Drum.....	24.86	
01 55 26 00-0043 DAY Stackable Channelizer Panel.....	1.31	
01 55 26 00-0044 WK Stackable Channelizer Panel.....	3.92	
01 55 26 00-0045 MO Stackable Channelizer Panel.....	11.76	
01 55 26 00-0046 DAY Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	1.81	
01 55 26 00-0047 WK Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	5.43	
01 55 26 00-0048 MO Type I Barricade, Up To 3' Wide With Reflective Rail Each Side.....	16.28	
01 55 26 00-0049 DAY Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	4.01	
01 55 26 00-0050 WK Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side.....	12.03	

01 General Requirements**01 50 Temporary Facilities and Controls****01 55 Vehicular Access and Parking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0051	MO		Type II Barricade, Up To 3' Wide With Two Reflective Rails Each Side	36.08	
01 55 26 00-0052	DAY		Type III Barricade, Up To 5' Wide With Three Reflective Rails	4.57	
01 55 26 00-0053	WK		Type III Barricade, Up To 5' Wide With Three Reflective Rails	13.71	
01 55 26 00-0054	MO		Type III Barricade, Up To 5' Wide With Three Reflective Rails	41.13	
01 55 26 00-0055	DAY		Type III Barricade, >5' To 10' Wide With Three Reflective Rails	8.36	
01 55 26 00-0056	WK		Type III Barricade, >5' To 10' Wide With Three Reflective Rails	25.08	
01 55 26 00-0057	MO		Type III Barricade, >5' To 10' Wide With Three Reflective Rails	75.22	
01 55 26 00-0058	DAY		Up To 10' Wide A Frame Barricade	4.58	
01 55 26 00-0059	WK		Up To 10' Wide A Frame Barricade	13.75	
01 55 26 00-0060	MO		Up To 10' Wide A Frame Barricade	41.26	
01 55 26 00-0061	DAY		Type A Or C Flasher	0.93	
01 55 26 00-0062	WK		Type A Or C Flasher	2.80	
01 55 26 00-0063	MO		Type A Or C Flasher	8.41	
01 55 26 00-0064	DAY		Type B Flasher (High Intensity)	5.07	
01 55 26 00-0065	WK		Type B Flasher (High Intensity)	15.20	
01 55 26 00-0066	MO		Type B Flasher (High Intensity)	45.61	
01 55 26 00-0067 Temporary Traffic Barriers Usage <small>(01 55 26 00-0026)</small>					
Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0108 for delivery, placing and removal.					
01 55 26 00-0068	DAY		6' Long Portable Parking Curbs	2.18	
01 55 26 00-0069	WK		6' Long Portable Parking Curbs	6.55	
01 55 26 00-0070	MO		6' Long Portable Parking Curbs	19.65	
01 55 26 00-0071	DAY		6' Long Portable Speed Bumps	6.46	
01 55 26 00-0072	WK		6' Long Portable Speed Bumps	19.38	
01 55 26 00-0073	MO		6' Long Portable Speed Bumps	58.14	
01 55 26 00-0074	DAY		Up To 12.5' Concrete Traffic Barrier	15.52	
01 55 26 00-0075	WK		Up To 12.5' Concrete Traffic Barrier	46.56	
01 55 26 00-0076	MO		Up To 12.5' Concrete Traffic Barrier	139.68	
01 55 26 00-0077	DAY		>12.5' To 20' Concrete Traffic Barrier	31.04	
01 55 26 00-0078	WK		>12.5' To 20' Concrete Traffic Barrier	93.12	
01 55 26 00-0079	MO		>12.5' To 20' Concrete Traffic Barrier	279.37	
01 55 26 00-0080	DAY		6' x 32" Tall Plastic Water Barrier	18.53	
01 55 26 00-0081	WK		6' x 32" Tall Plastic Water Barrier	55.60	
01 55 26 00-0082	MO		6' x 32" Tall Plastic Water Barrier	166.81	
01 55 26 00-0083	DAY		6' x 46" Tall Plastic Water Barrier	26.47	
01 55 26 00-0084	WK		6' x 46" Tall Plastic Water Barrier	79.40	
01 55 26 00-0085	MO		6' x 46" Tall Plastic Water Barrier	238.19	
01 55 26 00-0086	DAY		Sand Filled Crash Attenuator Barrels	10.36	
01 55 26 00-0087	WK		Sand Filled Crash Attenuator Barrels	31.08	
01 55 26 00-0088	MO		Sand Filled Crash Attenuator Barrels	93.23	
01 55 26 00-0089 Temporary Portable Signs And Message Displays Usage <small>(01 55 26 00-0026)</small>					
Note: Excludes placing and removing devices. See CSI section 01 55 26 00-0108 for delivery, placing and removal.					
01 55 26 00-0090	DAY		Mesh Or Vinyl Roll-up Sign With Stand	8.13	
01 55 26 00-0091	WK		Mesh Or Vinyl Roll-up Sign With Stand	24.40	
01 55 26 00-0092	MO		Mesh Or Vinyl Roll-up Sign With Stand	73.20	
01 55 26 00-0093	DAY		Aluminum Sign And Post	4.08	
01 55 26 00-0094	WK		Aluminum Sign And Post	12.23	
01 55 26 00-0095	MO		Aluminum Sign And Post	36.68	
01 55 26 00-0096	DAY		Aluminum Sign And A Frame Stand	6.15	
01 55 26 00-0097	WK		Aluminum Sign And A Frame Stand	18.45	
01 55 26 00-0098	MO		Aluminum Sign And A Frame Stand	55.34	
01 55 26 00-0099	DAY		Trailer Mounted Flashing Arrow Board	145.00	
01 55 26 00-0100	WK		Trailer Mounted Flashing Arrow Board	401.33	
01 55 26 00-0101	MO		Trailer Mounted Flashing Arrow Board	1,061.57	
01 55 26 00-0102	DAY		Trailer Mounted Portable Variable Message Sign (PVMS)	339.99	
01 55 26 00-0103	WK		Trailer Mounted Portable Variable Message Sign (PVMS)	906.64	
01 55 26 00-0104	MO		Trailer Mounted Portable Variable Message Sign (PVMS)	1,813.28	
01 55 26 00-0105	DAY		Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	1,383.48	
01 55 26 00-0106	WK		Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	4,150.44	
01 55 26 00-0107	MO		Two Head, Trailer Mounted Traffic Signal System (Set Of Two) Note: Consists of a set of two communicating trailers. Each with two LED traffic light head, solar panels and a battery bank, mounted on a heavy-duty towable trailer.	12,451.32	
01 55 26 00-0108 Place And Remove Temporary Traffic Protection Using Truck <small>(01 55 26 00-0026)</small>					
Note: Includes delivery and return up to 15 miles. See CSI section 01 74 19 00-0045 for delivery >15 miles.					
01 55 26 00-0109	EA		Placement And Removal Of Up To 250 Cones Using Truck	3.54	
01 55 26 00-0110	EA		Placement And Removal Of >250 Cones Using Truck	3.09	
01 55 26 00-0111	EA		Placement And Removal Of Up To 250 Panels/Channelizers Using Truck	5.84	
01 55 26 00-0112	EA		Placement And Removal Of >250 Panels/Channelizers Using Truck	4.86	
01 55 26 00-0113	EA		Placement And Removal Of Up To 250 Barricades Using Truck	8.84	
01 55 26 00-0114	EA		Placement And Removal Of >250 Barricades Using Truck	7.07	
01 55 26 00-0115	EA		Placement And Removal Of Curbs/Speed Bumps Using Truck	8.84	
01 55 26 00-0116	EA		Placement And Removal Of Portable Sign And Stand Using Truck	5.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0117 EA Placement And Removal Of Aluminum Sign And Post Using Truck.....	22.11	
01 55 26 00-0118 EA Placement And Removal Of Trailer Mounted Boards And Signals Using Truck.....	66.32	
01 55 26 00-0119 EA Placement And Removal Of Up To 12.5' Concrete Traffic Barrier.....	90.00	
Note: If lifting equipment is not available on site, See CSI section 01 71 13 00-0000 for mobilization tasks.		
For 1 Barrier, Add	225.00	
For 2 Barriers, Add	81.00	
For 3 Barriers, Add	27.00	
01 55 26 00-0120 EA Placement And Removal Of >12.5' Concrete Traffic Barrier.....	135.00	
Note: If lifting equipment is not available on site, See CSI section 01 71 13 00-0000 for mobilization tasks.		
For 1 Barrier, Add	337.50	
For 2 Barriers, Add	121.50	
For 3 Barriers, Add	40.50	
01 55 26 00-0121 EA Placement And Removal Of Plastic Water Barrier.....	52.09	
Note: Includes water. If lifting equipment is not available on site, See CSI section 01 71 13 00-0000 for mobilization tasks.		
For 1 Barrier, Add	112.50	
For 2 Barriers, Add	40.50	
For 3 Barriers, Add	13.50	
01 55 26 00-0122 EA Placement And Removal Of Crash Attenuator Barrels.....	67.50	
Note: If lifting equipment is not available on site, See CSI section 01 71 13 00-0000 for mobilization tasks.		
For 1 Barrier, Add	168.75	
For 2 Barriers, Add	60.75	
For 3 Barriers, Add	20.25	
01 55 26 00-0123 Place And Remove Temporary Traffic Protection From Roadside (Daily) (01 55		
<small>26 00-0026)</small>		
01 55 26 00-0124 EA Placement And Removal Of Up To 250 Cones By Hand From Roadside.....	2.21	
01 55 26 00-0125 EA Placement And Removal Of >250 Cones By Hand From Roadside.....	1.77	
01 55 26 00-0126 EA Placement And Removal Of Up To 250 Panels/Channelizers By Hand From Roadside.....	2.95	
01 55 26 00-0127 EA Placement And Removal Of >250 Panels/Channelizers By Hand From Roadside.....	2.35	
01 55 26 00-0128 EA Placement And Removal Of Up To 250 Barricades By Hand From Roadside.....	4.42	
01 55 26 00-0129 EA Placement And Removal Of >250 Barricades By Hand From Roadside.....	3.54	
01 55 26 00-0130 EA Placement And Removal Of Portable Sign And Stand From Roadside.....	2.66	
01 55 26 00-0131 EA Placement And Removal Of Trailer Mounted Boards And Signals From Roadside.....	33.16	
01 55 26 00-0132 EA Roadside Relocation Of Concrete Traffic Barrier.....	45.00	
Note: Excludes flatbed truck. If lifting equipment is not available on site, See CSI section 01 22 23 00-0000 for rental tasks, 01 71 13 00-0000 for mobilization.		
01 55 26 00-0133 Place And Remove Temporary Signs For Detours (01 55 26 00-0026)		
01 55 26 00-0134 Temporary Reflectorized Signs For Detours (01 55 26 00-0133)		
Note: Excludes posts.		
01 55 26 00-0135 Temporary Aluminum Engineer Grade Stop Signs For Detours (01 55 26 00-0134)		
01 55 26 00-0136 EA Temporary 18" x 18" Aluminum Engineer Grade Stop Sign For Detours.....	78.65	
For Hi-Intensity Grade, Add	6.95	
For Diamond Grade, Add	13.21	
01 55 26 00-0137 EA Temporary 18" x 24" Aluminum Engineer Grade Stop Sign For Detours.....	88.86	
For Hi-Intensity Grade, Add	9.09	
For Diamond Grade, Add	17.27	
01 55 26 00-0138 EA Temporary 24" x 24" Aluminum Engineer Grade Stop Sign For Detours.....	95.52	
For Hi-Intensity Grade, Add	13.89	
For Diamond Grade, Add	22.02	
01 55 26 00-0139 EA Temporary 30" x 30" Aluminum Engineer Grade Stop Sign For Detours.....	108.11	
For Hi-Intensity Grade, Add	5.21	
For Diamond Grade, Add	28.20	
01 55 26 00-0140 EA Temporary 36" x 36" Aluminum Engineer Grade Stop Sign For Detours.....	137.33	
For Hi-Intensity Grade, Add	15.29	
For Diamond Grade, Add	47.97	
01 55 26 00-0141 Other Temporary Reflectorized Traffic Signs For Detours (01 55 26 00-0134)		
Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
01 55 26 00-0142 Temporary Aluminum Engineer Grade Traffic Signs For Detours (01 55 26 00-0141)		
01 55 26 00-0143 EA Temporary 6" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....	55.06	
For Hi-Intensity Grade, Add	1.72	
01 55 26 00-0144 EA Temporary 6" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....	57.93	
For Hi-Intensity Grade, Add	2.58	
01 55 26 00-0145 EA Temporary 9" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....	57.93	
For Hi-Intensity Grade, Add	2.58	
01 55 26 00-0146 EA Temporary 9" x 15" Aluminum Engineer Grade Traffic Sign For Detours.....	60.08	
For Hi-Intensity Grade, Add	3.23	
01 55 26 00-0147 EA Temporary 9" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....	62.24	
For Hi-Intensity Grade, Add	3.88	
01 55 26 00-0148 EA Temporary 9" x 24" Aluminum Engineer Grade Traffic Sign For Detours.....	69.62	
For Hi-Intensity Grade, Add	5.17	
01 55 26 00-0149 EA Temporary 9" x 48" Aluminum Engineer Grade Traffic Sign For Detours.....	86.84	
For Hi-Intensity Grade, Add	10.33	
01 55 26 00-0150 EA Temporary 12" x 12" Aluminum Engineer Grade Traffic Sign For Detours.....	60.80	
For Hi-Intensity Grade, Add	3.44	
01 55 26 00-0151 EA Temporary 12" x 18" Aluminum Engineer Grade Traffic Sign For Detours.....	69.62	
For Hi-Intensity Grade, Add	5.17	

01 General Requirements**01 50 Temporary Facilities and Controls****01 55 Vehicular Access and Parking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0152	EA		Temporary 12" x 24" Aluminum Engineer Grade Traffic Sign For Detours	75.36	
			<i>For Hi-Intensity Grade, Add</i>	6.89	
01 55 26 00-0153	EA		Temporary 12" x 30" Aluminum Engineer Grade Traffic Sign For Detours	81.10	
			<i>For Hi-Intensity Grade, Add</i>	8.61	
01 55 26 00-0154	EA		Temporary 12" x 36" Aluminum Engineer Grade Traffic Sign For Detours	86.84	
			<i>For Hi-Intensity Grade, Add</i>	10.33	
01 55 26 00-0155	EA		Temporary 18" x 18" Aluminum Engineer Grade Traffic Sign For Detours	78.23	
			<i>For Hi-Intensity Grade, Add</i>	7.75	
01 55 26 00-0156	EA		Temporary 18" x 24" Aluminum Engineer Grade Traffic Sign For Detours	86.84	
			<i>For Hi-Intensity Grade, Add</i>	10.33	
01 55 26 00-0157	EA		Temporary 18" x 30" Aluminum Engineer Grade Traffic Sign For Detours	98.54	
			<i>For Hi-Intensity Grade, Add</i>	12.92	
01 55 26 00-0158	EA		Temporary 18" x 36" Aluminum Engineer Grade Traffic Sign For Detours	107.15	
			<i>For Hi-Intensity Grade, Add</i>	15.50	
01 55 26 00-0159	EA		Temporary 18" x 54" Aluminum Engineer Grade Traffic Sign For Detours	145.31	
			<i>For Hi-Intensity Grade, Add</i>	23.25	
01 55 26 00-0160	EA		Temporary 24" x 24" Aluminum Engineer Grade Traffic Sign For Detours	101.41	
			<i>For Hi-Intensity Grade, Add</i>	13.78	
01 55 26 00-0161	EA		Temporary 24" x 30" Aluminum Engineer Grade Traffic Sign For Detours	112.89	
			<i>For Hi-Intensity Grade, Add</i>	17.22	
01 55 26 00-0162	EA		Temporary 24" x 36" Aluminum Engineer Grade Traffic Sign For Detours	124.37	
			<i>For Hi-Intensity Grade, Add</i>	20.67	
01 55 26 00-0163	EA		Temporary 24" x 42" Aluminum Engineer Grade Traffic Sign For Detours	148.18	
			<i>For Hi-Intensity Grade, Add</i>	24.11	
01 55 26 00-0164	EA		Temporary 24" x 48" Aluminum Engineer Grade Traffic Sign For Detours	159.66	
			<i>For Hi-Intensity Grade, Add</i>	27.56	
01 55 26 00-0165	EA		Temporary 24" x 54" Aluminum Engineer Grade Traffic Sign For Detours	171.14	
			<i>For Hi-Intensity Grade, Add</i>	31.00	
01 55 26 00-0166	EA		Temporary 30" x 30" Aluminum Engineer Grade Traffic Sign For Detours	127.24	
			<i>For Hi-Intensity Grade, Add</i>	21.53	
01 55 26 00-0167	EA		Temporary 30" x 36" Aluminum Engineer Grade Traffic Sign For Detours	153.92	
			<i>For Hi-Intensity Grade, Add</i>	25.83	
01 55 26 00-0168	EA		Temporary 30" x 42" Aluminum Engineer Grade Traffic Sign For Detours	168.27	
			<i>For Hi-Intensity Grade, Add</i>	30.14	
01 55 26 00-0169	EA		Temporary 30" x 48" Aluminum Engineer Grade Traffic Sign For Detours	194.96	
			<i>For Hi-Intensity Grade, Add</i>	34.45	
01 55 26 00-0170	EA		Temporary 30" x 60" Aluminum Engineer Grade Traffic Sign For Detours	235.99	
			<i>For Hi-Intensity Grade, Add</i>	43.06	
01 55 26 00-0171	EA		Temporary 36" x 36" Aluminum Engineer Grade Traffic Sign For Detours	171.14	
			<i>For Hi-Intensity Grade, Add</i>	31.00	
01 55 26 00-0172	EA		Temporary 36" x 42" Aluminum Engineer Grade Traffic Sign For Detours	200.70	
			<i>For Hi-Intensity Grade, Add</i>	36.17	
01 55 26 00-0173	EA		Temporary 36" x 48" Aluminum Engineer Grade Traffic Sign For Detours	230.25	
			<i>For Hi-Intensity Grade, Add</i>	41.33	
01 55 26 00-0174	EA		Temporary 36" x 54" Aluminum Engineer Grade Traffic Sign For Detours	247.47	
			<i>For Hi-Intensity Grade, Add</i>	46.50	
01 55 26 00-0175	EA		Temporary 36" x 60" Aluminum Engineer Grade Traffic Sign For Detours	277.02	
			<i>For Hi-Intensity Grade, Add</i>	51.67	
01 55 26 00-0176	EA		Temporary 36" x 73" Aluminum Engineer Grade Traffic Sign For Detours	326.67	
			<i>For Hi-Intensity Grade, Add</i>	62.86	
01 55 26 00-0177	EA		Temporary 36" x 78" Aluminum Engineer Grade Traffic Sign For Detours	341.02	
			<i>For Hi-Intensity Grade, Add</i>	67.17	
01 55 26 00-0178	EA		Temporary 36" x 108" Aluminum Engineer Grade Traffic Sign For Detours	445.62	
			<i>For Hi-Intensity Grade, Add</i>	93.00	
01 55 26 00-0179	EA		Temporary 42" x 42" Aluminum Engineer Grade Traffic Sign For Detours	233.12	
			<i>For Hi-Intensity Grade, Add</i>	42.20	
01 55 26 00-0180	EA		Temporary 48" x 48" Aluminum Engineer Grade Traffic Sign For Detours	288.51	
			<i>For Hi-Intensity Grade, Add</i>	55.11	
01 55 26 00-0181	EA		Temporary 48" x 54" Aluminum Engineer Grade Traffic Sign For Detours	323.80	
			<i>For Hi-Intensity Grade, Add</i>	62.00	
01 55 26 00-0182	EA		Temporary 48" x 60" Aluminum Engineer Grade Traffic Sign For Detours	346.76	
			<i>For Hi-Intensity Grade, Add</i>	68.89	
01 55 26 00-0183	EA		Temporary 48" x 66" Aluminum Engineer Grade Traffic Sign For Detours	388.22	
			<i>For Hi-Intensity Grade, Add</i>	75.78	
01 55 26 00-0184	EA		Temporary 48" x 72" Aluminum Engineer Grade Traffic Sign For Detours	411.18	
			<i>For Hi-Intensity Grade, Add</i>	82.67	
01 55 26 00-0185	EA		Temporary 48" x 84" Aluminum Engineer Grade Traffic Sign For Detours	469.45	
			<i>For Hi-Intensity Grade, Add</i>	96.45	
01 55 26 00-0186	EA		Temporary 48" x 96" Aluminum Engineer Grade Traffic Sign For Detours	515.37	
			<i>For Hi-Intensity Grade, Add</i>	110.22	
01 55 26 00-0187	EA		Temporary 48" x 102" Aluminum Engineer Grade Traffic Sign For Detours	538.34	
			<i>For Hi-Intensity Grade, Add</i>	117.11	
01 55 26 00-0188	EA		Temporary 48" x 108" Aluminum Engineer Grade Traffic Sign For Detours	567.46	
			<i>For Hi-Intensity Grade, Add</i>	124.00	
01 55 26 00-0189	EA		Temporary 60" x 72" Aluminum Engineer Grade Traffic Sign For Detours	492.41	
			<i>For Hi-Intensity Grade, Add</i>	103.34	
01 55 26 00-0190	EA		Temporary 78" x 96" Aluminum Engineer Grade Traffic Sign For Detours	751.17	
			<i>For Hi-Intensity Grade, Add</i>	179.12	
01 55 26 00-0191			Temporary Overhead Sign Structures For Detours (01 55 26 00-0133)		
			Note: Including horizontal Z-bars.		
01 55 26 00-0192	SF		From 30 To 360 SF Signs For Temporary Overhead Sign Structures For Detours	22.50	
			<i>For Over 10' High, Add</i>	13.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0193 Temporary Sign Posts For Detours <small>(01 55 26 00-0133)</small> Note: Excludes sign.		
01 55 26 00-0194 Temporary U-Channel Sign Posts For Detours <small>(01 55 26 00-0193)</small> Note: Excludes digging and concrete.		
01 55 26 00-0195 Temporary Baked Enamel U-Channel Sign Posts For Detours <small>(01 55 26 00-0194)</small>		
01 55 26 00-0196 EA Temporary 3' To 4' Baked Enamel U-Channel Sign Post Base For Detours	70.32	
01 55 26 00-0197 EA Temporary 6' Baked Enamel U-Channel Sign Post For Detours	90.99	
01 55 26 00-0198 EA Temporary 7' Baked Enamel U-Channel Sign Post For Detours	108.81	
01 55 26 00-0199 EA Temporary 8' Baked Enamel U-Channel Sign Post For Detours	127.27	
01 55 26 00-0200 EA Temporary 10' Baked Enamel U-Channel Sign Post For Detours	153.85	
01 55 26 00-0201 EA Temporary 12' Baked Enamel U-Channel Sign Post For Detours	163.34	
01 55 26 00-0202 Temporary Galvanized Steel U-Channel Sign Posts For Detours <small>(01 55 26 00-0194)</small>		
01 55 26 00-0203 EA Temporary 3' To 4' Galvanized Steel U-Channel Sign Post Base For Detours	74.41	
01 55 26 00-0204 EA Temporary 6' Galvanized Steel U-Channel Sign Post For Detours	97.48	
01 55 26 00-0205 EA Temporary 7' Galvanized Steel U-Channel Sign Post For Detours	123.47	
01 55 26 00-0206 EA Temporary 8' Galvanized Steel U-Channel Sign Post For Detours	143.48	
01 55 26 00-0207 EA Temporary 10' Galvanized Steel U-Channel Sign Post For Detours	165.65	
01 55 26 00-0208 EA Temporary 12' Galvanized Steel U-Channel Sign Post For Detours	173.60	
01 55 26 00-0209 Temporary Fiberglass Or Composite Plastic U-Channel Sign Posts For Detours <small>(01 55 26 00-0194)</small>		
01 55 26 00-0210 EA Temporary 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base For Detours	69.36	
01 55 26 00-0211 EA Temporary 6' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	88.90	
01 55 26 00-0212 EA Temporary 7' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	106.28	
01 55 26 00-0213 EA Temporary 8' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	124.26	
01 55 26 00-0214 EA Temporary 10' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	148.38	
01 55 26 00-0215 EA Temporary 12' Fiberglass Or Composite Plastic U-Channel Sign Post For Detours	160.10	
01 55 26 00-0216 Temporary Tubular Sign Posts For Detours <small>(01 55 26 00-0193)</small> Note: Excludes digging and concrete.		
01 55 26 00-0217 Temporary 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours <small>(01 55 26 00-0216)</small>		
01 55 26 00-0218 EA Temporary 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	98.15	
01 55 26 00-0219 EA Temporary 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	116.81	
01 55 26 00-0220 EA Temporary 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	137.54	
01 55 26 00-0221 EA Temporary 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	174.52	
01 55 26 00-0222 EA Temporary 12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post For Detours.....	187.76	
01 55 26 00-0223 Temporary Square Sign Posts For Detours <small>(01 55 26 00-0193)</small> Note: Excludes digging and concrete.		
01 55 26 00-0224 Temporary Galvanized Steel Square Sign Posts For Detours <small>(01 55 26 00-0223)</small>		
01 55 26 00-0225 EA Temporary 3' To 4' Galvanized Steel Square Sign Post Base For Detours	75.32	
01 55 26 00-0226 EA Temporary 6' Galvanized Steel Square Sign Post For Detours	112.83	
01 55 26 00-0227 EA Temporary 7' Galvanized Steel Square Sign Post For Detours	133.02	
01 55 26 00-0228 EA Temporary 8' Galvanized Steel Square Sign Post For Detours	155.17	
01 55 26 00-0229 EA Temporary 10' Galvanized Steel Square Sign Post For Detours	189.23	
01 55 26 00-0230 EA Temporary 12' Galvanized Steel Square Sign Post For Detours	203.31	
01 55 26 00-0231 Temporary Breakaway Sign Posts And Bases For Detours <small>(01 55 26 00-0133)</small> Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit. Excludes sign.		
01 55 26 00-0232 Temporary 2.5 LB/LF Breakaway Sign Posts And Base Posts For Detours <small>(01 55 26 00-0231)</small>		
01 55 26 00-0233 Temporary Base Posts, 2.5 LB/LF, For Breakaway Sign Posts For Detours <small>(01 55 26 00-0232)</small>		
01 55 26 00-0234 EA Temporary Base Post For 2.5 LB/LF, Breakaway Sign Post For Detours.....	95.47	
01 55 26 00-0235 EA Temporary Lap Splice Hardware For 2.5 LB/LF, Breakaway Sign Post For Detours.....	60.54	
01 55 26 00-0236 Temporary Breakaway Sign Posts, 2.5 LB/LF For Detours <small>(01 55 26 00-0232)</small>		
01 55 26 00-0237 LF Temporary Breakaway Sign Post, 2.5 LB/LF For Detours	11.44	
01 55 26 00-0238 Temporary 4 LB/LF Breakaway Sign Posts And Base Posts For Detours <small>(01 55 26 00-0231)</small>		
01 55 26 00-0239 Temporary Base Posts, 4 LB/LF, For Breakaway Sign Posts For Detours <small>(01 55 26 00-0238)</small>		
01 55 26 00-0240 EA Temporary Base Post For 4 LB/LF, Breakaway Sign Post For Detours.....	98.78	
01 55 26 00-0241 EA Temporary Lap Splice Hardware For 4 LB/LF, Breakaway Sign Post For Detours.....	60.54	
01 55 26 00-0242 Temporary Breakaway Sign Posts, 4 LB/LF For Detours <small>(01 55 26 00-0238)</small>		

01	01	General Requirements
	01 50	Temporary Facilities and Controls
	01 55	Vehicular Access and Parking



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 55 26 00-0243 LF Temporary Breakaway Sign Post, 4 LB/LF For Detours	13.49	
01 55 26 00-0244 Temporary Driven Sign Posts For Detours (01 55 26 00-0231)		
01 55 26 00-0245 Temporary Driven Posts, 2.5 LB/LF For Detours (01 55 26 00-0244)		
01 55 26 00-0246 LF Temporary Driven Post, 2.5 LB/LF For Detours..... For Each Soil Plate, Add	13.08 3.00	
01 55 26 00-0247 Temporary Driven Posts, 4 LB/LF For Detours (01 55 26 00-0244)		
01 55 26 00-0248 LF Temporary Driven Post, 4 LB/LF For Detours..... For Each Soil Plate, Add	15.96 3.00	
01 55 26 00-0249 Temporary Omni-Directional Breakaway System For Sign Posts And Light Poles For Detours (01 55 26 00-0231)		
01 55 26 00-0250 Temporary Omni-Directional Breakaway Systems For Signs For Detours (01 55 26 00-0249) Note: Break-Safe as manufactured by Transpo Industries. Organized by post type and size. Includes hinges, anchors, all associated parts and drilling.		
01 55 26 00-0251 EA Temporary Omni-Directional Breakaway System For 6" To 8" Wide Flange (Trampo B525)	1,118.43	
01 55 26 00-0252 EA Temporary Omni-Directional Breakaway System For 10" To 21" Wide Flange (Trampo B650)	1,191.86	
01 55 26 00-0253 EA Temporary Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Trampo A14 And A16).....	817.09	
01 55 26 00-0254 EA Temporary Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Trampo A3 And A4.5).....	715.66	
01 55 26 00-0255 EA Temporary Omni-Directional Breakaway System For Square Tube (Trampo AS3 And AS4).....	811.46	
01 55 26 00-0256 EA Temporary Omni-Directional Breakaway System For U-Channels (Trampo AU4 To AU6).....	772.01	
01 55 26 00-0257 EA Temporary Omni-Directional Breakaway System For U-Channels Embedded (Trampo AUX4 To AUX6).....	732.31	
01 55 26 00-0258 Temporary Omni-Directional Breakaway Systems For Poles For Detours (01 55 26 00-0249) Note: Pole-Safe As Manufactured By Transpo Industries. Organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles.		
01 55 26 00-0259 EA Temporary Omni-Directional Breakaway System For Poles With 5/8" Couplings.....	397.83	
01 55 26 00-0260 EA Temporary Omni-Directional Breakaway System For Poles With 3/4" Couplings.....	417.12	
01 55 26 00-0261 EA Temporary Omni-Directional Breakaway System For Poles With 1" Couplings.....	433.15	
01 55 26 00-0262 EA Temporary Omni-Directional Breakaway System For Poles With 1 1/4" Couplings.....	657.71	
01 55 26 00-0263 EA Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15".....	57.75	
01 55 26 00-0264 EA Temporary Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20".....	77.00	
01 55 26 00-0265 Temporary Rumble Strips (01 55 26) Note: Includes removal after use.		
01 55 26 00-0266 LF 1/4" High, 4" Wide, Polymer Tape Temporary Rumble Strip.....	13.14	
01 55 26 00-0267 LF 1/2" High, 3-1/2" Wide, Polycarbonate Temporary Rumble Strip.....	9.42	
01 56 Temporary Barriers and Enclosures (01 50) Note: Includes removal after use.		
01 56 16 Temporary Dust Barriers (01 56)		
01 56 16 00-0001 Temporary Sheeting For Protection (01 56 16) Note: Includes removal after use.		
01 56 16 00-0002 SF 6 Mil, Plastic Sheeting, Applied To Floors.....	0.36	
01 56 16 00-0003 SF 6 Mil, Plastic Sheeting, Applied To Walls.....	0.46	
01 56 16 00-0004 SF 6 Mil, Plastic Sheeting, Applied To Ceilings.....	0.60	
01 56 16 00-0005 SF 6 Mil, Plastic Sheeting, Applied To Scaffolding.....	0.60	
01 56 16 00-0006 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Floors.....	0.44	
01 56 16 00-0007 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Walls.....	0.54	
01 56 16 00-0008 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Ceilings.....	0.68	
01 56 16 00-0009 SF 6 Mil, Fire Retardant, Plastic Sheeting, Applied To Scaffolding.....	0.64	
01 56 16 00-0010 SF 10 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding.....	0.84	
01 56 16 00-0011 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Floors.....	0.47	
01 56 16 00-0012 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Walls.....	0.57	
01 56 16 00-0013 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Ceilings.....	0.71	
01 56 16 00-0014 SF 6 Mil, Fire Retardant, Anti-static, Plastic Sheeting, Applied To Scaffolding.....	0.67	
01 56 16 00-0015 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Floors.....	0.46	
01 56 16 00-0016 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Walls.....	0.56	
01 56 16 00-0017 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Ceilings.....	0.70	
01 56 16 00-0018 SF 6 Mil, Reinforced, Plastic Sheeting, Applied To Scaffolding.....	0.66	
01 56 16 00-0019 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Floors.....	0.53	
01 56 16 00-0020 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Walls.....	0.63	
01 56 16 00-0021 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Ceilings.....	0.77	
01 56 16 00-0022 SF 6 Mil, Fire Retardant, Reinforced, Plastic Sheeting, Applied To Scaffolding.....	0.73	
01 56 16 00-0023 Temporary Canvas For Protection (01 56 16) Note: Includes removal after use.		
01 56 16 00-0024 SF Heavy Duty Woven Water Repellant Canvas, Applied To Walls.....	0.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 16 00-0025 Accessories For Temporary Sheeting <small>(01 56 16)</small>		
Note: Includes removal after use.		
01 56 16 00-0026 EA 7' Zipper Door For Plastic Sheeting	21.89	
01 56 16 00-0027 LF Zip Wall Kit And ICRA Dust Control Awareness Barrier (Per LF Of Wall).....	9.04	
Note: Includes up to 12' long spring loaded poles, side clamps, foam rails and 6 mil poly barrier. Excludes zip doors.		
01 56 16 00-0028 Temporary Critical Barriers For Protection <small>(01 56 16)</small>		
Note: Includes removal after use. See CSI section 02 89 00 00-0002 for Other barriers for infectious control.		
01 56 16 00-0029 EA Up To 1 SF Individual Critical Barriers	11.59	
Note: For Outlets And Receptacles		
01 56 16 00-0030 EA >1 To 4 SF Individual Critical Barriers	17.59	
Note: For diffusers, ceiling speakers, return grilles, etc.		
01 56 16 00-0031 EA >4 To 8 SF Individual Critical Barriers	23.66	
Note: For diffusers, return grilles, access doors, light fixtures, etc.		
01 56 16 00-0032 EA >8 To 32 SF Individual Critical Barriers	37.09	
Note: For doors, windows, etc.		
01 56 16 00-0033 Temporary Stud Wall <small>(01 56 16)</small>		
Note: Includes removal after use.		
01 56 16 00-0034 Temporary Stud Wall With Drywall <small>(01 56 16 00-0033)</small>		
Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, drywall taped and finished and removal after use. Excludes paint.		
01 56 16 00-0035 Temporary Stud Wall With Drywall <small>(01 56 16 00-0034)</small>		
01 56 16 00-0036 SF 3/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.10	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0037 SF 1/2" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.10	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0038 SF 5/8" Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.21	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0039 SF 3/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.52	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0040 SF 1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.52	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0041 SF 5/8" Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.74	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0042 Temporary Stud Wall With Fire Rated Drywall <small>(01 56 16 00-0034)</small>		
01 56 16 00-0043 SF 1/2" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.23	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0044 SF 5/8" Type C Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.27	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0045 SF 5/8" Type X Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center	6.20	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0046 SF 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On One Side, Temporary Wood Stud Wall, 16" On Center.....	7.07	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0047 SF 1/2" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.78	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0048 SF 5/8" Type C Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.85	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0049 SF 5/8" Type X Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.72	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0050 SF 3/4" Fire Rated (Sheetrock® Ultracode®) Gypsum Board On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	10.46	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0051 Temporary Stud Wall With Oriented Strand Board (OSB) <small>(01 56 16 00-0033)</small>		
Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, oriented strand board (OSB) wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0052 SF 7/16" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center	5.91	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0053 SF 1/2" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	5.95	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0054 SF 5/8" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.06	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0055 SF 3/4" Oriented Strand Board (OSB) Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.12	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.68	
01 56 16 00-0056 SF 7/16" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.13	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0057 SF 1/2" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.21	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0058 SF 5/8" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.44	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	
01 56 16 00-0059 SF 3/4" Oriented Strand Board (OSB) Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center	8.57	
<i>For Metal Studs 24" On Center, Add/Deduct</i>		
	0.78	

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 56 16 00-0060			Temporary Stud Wall With BC Plywood <small>(01 56 16 00-0033)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, interior/exterior BC plywood wall sheathing, and removal after use. Excludes paint.		
01 56 16 00-0061	SF		3/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.18	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0062	SF		1/2" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.33	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0063	SF		5/8" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.35	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0064	SF		3/4" BC Plywood Wall Sheathing On One Side, Temporary Wood Stud Wall, 16" On Center.....	6.46	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.68	
01 56 16 00-0065	SF		3/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.68	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.78	
01 56 16 00-0066	SF		1/2" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	8.98	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.78	
01 56 16 00-0067	SF		5/8" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	9.02	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.78	
01 56 16 00-0068	SF		3/4" BC Plywood Wall Sheathing On Both Sides, Temporary Wood Stud Wall, 16" On Center.....	9.23	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.78	
01 56 16 00-0069			Temporary Stud Wall With Plastic Sheeting <small>(01 56 16 00-0033)</small> Note: Includes 2 x 4 wood studs installed 16" on center, single bottom and top plate, appropriate fastening devices, 6 Mil plastic sheathing, and removal after use.		
01 56 16 00-0070	SF		6 Mil, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.43	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.57	
01 56 16 00-0071	SF		6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.51	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.57	
01 56 16 00-0072	SF		6 Mil, Fire Retardant, Anti-static, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.54	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.57	
01 56 16 00-0073	SF		6 Mil, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.53	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.57	
01 56 16 00-0074	SF		6 Mil, Fire Retardant, Reinforced, Plastic Sheeting On One Side, Temporary Wood Stud Wall, 16" On Center.....	3.60	
			<i>For Metal Studs 24" On Center, Add/Deduct</i>	0.57	
01 56 16 00-0075			Temporary Doors <small>(01 56 16 00-0033)</small> Note: For temporary stud walls. Includes removal after use.		
01 56 16 00-0076	EA		Temporary Metal Door And Frame.....	621.62	
			Note: Painted with panic hardware, lockset, threshold and smoke seals. Remove after use.		
01 56 16 00-0077			Sticky Mats <small>(01 56 16)</small> Note: Includes removal after use.		
01 56 16 00-0078	EA		18" x 36", 30 Layer Sticky Mat.....	36.48	
			<i>For 60 Layers Instead Of 30, Add</i>	24.28	
01 56 16 00-0079	EA		18" x 46", 30 Layer Sticky Mat.....	41.87	
			<i>For 60 Layers Instead Of 30, Add</i>	28.32	
01 56 16 00-0080	EA		24" x 36", 30 Layer Sticky Mat.....	41.87	
			<i>For 60 Layers Instead Of 30, Add</i>	28.32	
01 56 16 00-0081	EA		25" x 45", 30 Layer Sticky Mat.....	55.36	
			<i>For 60 Layers Instead Of 30, Add</i>	38.44	
01 56 16 00-0082	EA		36" x 36", 30 Layer Sticky Mat.....	60.76	
			<i>For 60 Layers Instead Of 30, Add</i>	42.49	
01 56 16 00-0083	EA		36" x 46", 30 Layer Sticky Mat.....	66.15	
			<i>For 60 Layers Instead Of 30, Add</i>	46.53	
01 56 16 00-0084	EA		36" x 60", 30 Layer Sticky Mat.....	133.59	
			<i>For 60 Layers Instead Of 30, Add</i>	97.11	
01 56 16 00-0085	EA		36" x 72", 30 Layer Sticky Mat.....	159.48	
01 56 16 00-0086			Temporary Floor Protection <small>(01 56 16)</small> Note: Includes removal after use.		
01 56 16 00-0087	SF		1/8" Thick, Masonite For Temporary Floor Protection.....	1.61	
01 56 16 00-0088	SF		1/2" Thick, Plywood For Temporary Floor Protection.....	1.62	
01 56 16 00-0089	SF		3/4" Thick, Plywood For Temporary Floor Protection.....	1.89	
01 56 16 00-0090	LF		38" Wide, 46 Mil Fiberboard, Ram Board® For Temporary Floor Protection.....	1.01	
01 56 16 00-0091	LF		36" Wide, 9 Mil, Regular Weight Red Rosin Paper, For Temporary Floor Protection.....	0.31	
01 56 16 00-0092	CSF		3 Mil, Temporary Self-adhesive Carpet Protection Film.....	26.14	
01 56 16 00-0093	SF		Burlap For Temporary Floor Protection.....	0.67	
01 56 26			Temporary Fencing <small>(01 56)</small>		
01 56 26 00-0001			Temporary Fencing <small>(01 56 26)</small> Note: Per ASTM A392-06 Standards		
01 56 26 00-0002			Temporary Chain Link Fence <small>(01 56 26 00-0001)</small> Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for augering and backfill of posts.		
01 56 26 00-0003			Temporary Chain Link Fence, Up To 6 Months <small>(01 56 26 00-0002)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0004 LF Temporary 4' High Chain Link Fence And Posts, Up To 6 Months.....	6.28	
<i>For >100 To 250, Deduct</i>	-0.15	
<i>For >250 To 500, Deduct</i>	-0.30	
<i>For >500, Deduct</i>	-0.45	
<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0005 LF Temporary 6' High Chain Link Fence And Posts, Up To 6 Months.....	6.98	
<i>For >100 To 250, Deduct</i>	-0.17	
<i>For >250 To 500, Deduct</i>	-0.34	
<i>For >500, Deduct</i>	-0.51	
<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0006 LF Temporary 8' High Chain Link Fence And Posts, Up To 6 Months.....	9.65	
<i>For >100 To 250, Deduct</i>	-0.29	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >500, Deduct</i>	-0.86	
<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0007 LF Temporary 10' High Chain Link Fence And Posts, Up To 6 Months.....	21.31	
<i>For >100 To 250, Deduct</i>	-0.85	
<i>For >250 To 500, Deduct</i>	-1.70	
<i>For >500, Deduct</i>	-2.54	
<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0008 Temporary Chain Link Fence, >6 To 12 Months (01 56 26 00-0002)		
01 56 26 00-0009 LF Temporary 4' High Chain Link Fence And Posts, >6 To 12 Months.....	6.59	
<i>For >100 To 250, Deduct</i>	-0.17	
<i>For >250 To 500, Deduct</i>	-0.33	
<i>For >500, Deduct</i>	-0.50	
<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0010 LF Temporary 6' High Chain Link Fence And Posts, >6 To 12 Months.....	7.32	
<i>For >100 To 250, Deduct</i>	-0.19	
<i>For >250 To 500, Deduct</i>	-0.37	
<i>For >500, Deduct</i>	-0.56	
<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0011 LF Temporary 8' High Chain Link Fence And Posts, >6 To 12 Months.....	10.21	
<i>For >100 To 250, Deduct</i>	-0.31	
<i>For >250 To 500, Deduct</i>	-0.63	
<i>For >500, Deduct</i>	-0.94	
<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0012 LF Temporary 10' High Chain Link Fence And Posts, >6 To 12 Months.....	23.00	
<i>For >100 To 250, Deduct</i>	-0.93	
<i>For >250 To 500, Deduct</i>	-1.86	
<i>For >500, Deduct</i>	-2.80	
<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0013 Temporary Chain Link Fence, >12 To 18 Months (01 56 26 00-0002)		
01 56 26 00-0014 LF Temporary 4' High Chain Link Fence And Posts, >12 To 18 Months.....	6.92	
<i>For >100 To 250, Deduct</i>	-0.18	
<i>For >250 To 500, Deduct</i>	-0.36	
<i>For >500, Deduct</i>	-0.54	
<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0015 LF Temporary 6' High Chain Link Fence And Posts, >12 To 18 Months.....	7.70	
<i>For >100 To 250, Deduct</i>	-0.20	
<i>For >250 To 500, Deduct</i>	-0.41	
<i>For >500, Deduct</i>	-0.61	
<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0016 LF Temporary 8' High Chain Link Fence And Posts, >12 To 18 Months.....	10.85	
<i>For >100 To 250, Deduct</i>	-0.35	
<i>For >250 To 500, Deduct</i>	-0.69	
<i>For >500, Deduct</i>	-1.04	
<i>For Each LF Shade Cloth, Add</i>	3.60	
01 56 26 00-0017 LF Temporary 10' High Chain Link Fence And Posts, >12 To 18 Months.....	24.86	
<i>For >100 To 250, Deduct</i>	-1.03	
<i>For >250 To 500, Deduct</i>	-2.05	
<i>For >500, Deduct</i>	-3.08	
<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0018 Temporary Chain Link Fence, >18 Months (01 56 26 00-0002)		
01 56 26 00-0019 LF Temporary 4' High Chain Link Fence And Posts, >18 Months.....	7.28	
<i>For >100 To 250, Deduct</i>	-0.20	
<i>For >250 To 500, Deduct</i>	-0.40	
<i>For >500, Deduct</i>	-0.60	
<i>For Each LF Shade Cloth, Add</i>	1.60	
01 56 26 00-0020 LF Temporary 6' High Chain Link Fence And Posts, >18 Months.....	8.08	
<i>For >100 To 250, Deduct</i>	-0.22	
<i>For >250 To 500, Deduct</i>	-0.45	
<i>For >500, Deduct</i>	-0.67	
<i>For Each LF Shade Cloth, Add</i>	2.55	
01 56 26 00-0021 LF Temporary 8' High Chain Link Fence And Posts, >18 Months.....	11.53	
<i>For >100 To 250, Deduct</i>	-0.38	
<i>For >250 To 500, Deduct</i>	-0.76	
<i>For >500, Deduct</i>	-1.14	
<i>For Each LF Shade Cloth, Add</i>	3.60	

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0022	LF		Temporary 10' High Chain Link Fence And Posts, >18 Months.....	26.91	
			<i>For >100 To 250, Deduct</i>	-1.13	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-3.38	
			<i>For Each LF Shade Cloth, Add</i>	4.75	
01 56 26 00-0023			Temporary Chain Link Fence Gates (01 56 26 00-0001)		
			Note: Includes delivery, set-up (driving posts) and removal. Excludes auguring/drilling for posts. See CSI section 02 41 19 13-0024 for core drilling in asphalt or concrete, 32 31 13 13-0001 for auguring and backfill of posts.		
01 56 26 00-0024			Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0023)		
01 56 26 00-0025			4' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0026	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	252.19	
			<i>For Each LF Shade Cloth, Add</i>	14.23	
01 56 26 00-0027	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	427.91	
			<i>For Each LF Shade Cloth, Add</i>	35.57	
01 56 26 00-0028	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	479.30	
			<i>For Each LF Shade Cloth, Add</i>	42.68	
01 56 26 00-0029	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	545.47	
			<i>For Each LF Shade Cloth, Add</i>	53.35	
01 56 26 00-0030	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	653.58	
			<i>For Each LF Shade Cloth, Add</i>	71.14	
01 56 26 00-0031	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	727.26	
			<i>For Each LF Shade Cloth, Add</i>	85.36	
01 56 26 00-0032			6' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0033	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	269.90	
			<i>For Each LF Shade Cloth, Add</i>	22.67	
01 56 26 00-0034	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	461.93	
			<i>For Each LF Shade Cloth, Add</i>	56.69	
01 56 26 00-0035	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	518.52	
			<i>For Each LF Shade Cloth, Add</i>	68.02	
01 56 26 00-0036	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	600.62	
			<i>For Each LF Shade Cloth, Add</i>	85.03	
01 56 26 00-0037	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	726.14	
			<i>For Each LF Shade Cloth, Add</i>	113.37	
01 56 26 00-0038	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	823.50	
			<i>For Each LF Shade Cloth, Add</i>	136.05	
01 56 26 00-0039			8' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0040	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	301.31	
			<i>For Each LF Shade Cloth, Add</i>	32.01	
01 56 26 00-0041	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	529.09	
			<i>For Shade Cloth, Add</i>	80.03	
01 56 26 00-0042	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	591.91	
			<i>For Shade Cloth, Add</i>	96.03	
01 56 26 00-0043	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	677.45	
			<i>For Shade Cloth, Add</i>	120.04	
01 56 26 00-0044	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	827.93	
			<i>For Shade Cloth, Add</i>	160.06	
01 56 26 00-0045	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	960.05	
			<i>For Shade Cloth, Add</i>	192.07	
01 56 26 00-0046			10' High, Temporary Chain Link Fence Gates, Up To 6 Months (01 56 26 00-0024)		
01 56 26 00-0047	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	365.23	
			<i>For Each LF Shade Cloth, Add</i>	42.24	
01 56 26 00-0048	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	634.86	
			<i>For Each LF Shade Cloth, Add</i>	105.59	
01 56 26 00-0049	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	711.66	
			<i>For Each LF Shade Cloth, Add</i>	126.71	
01 56 26 00-0050	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	813.31	
			<i>For Each LF Shade Cloth, Add</i>	158.39	
01 56 26 00-0051	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	994.22	
			<i>For Each LF Shade Cloth, Add</i>	211.18	
01 56 26 00-0052	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, Up To 6 Months.....	1,147.64	
			<i>For Each LF Shade Cloth, Add</i>	253.42	
01 56 26 00-0053			Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0023)		
01 56 26 00-0054			4' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0055	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	261.72	
			<i>For Each LF Shade Cloth, Add</i>	14.23	
01 56 26 00-0056	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	442.73	
			<i>For Each LF Shade Cloth, Add</i>	35.57	
01 56 26 00-0057	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	496.24	
			<i>For Each LF Shade Cloth, Add</i>	42.68	
01 56 26 00-0058	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months.....	564.53	
			<i>For Each LF Shade Cloth, Add</i>	53.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0059 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	676.87 71.14	
01 56 26 00-0060 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	752.67 85.36	
01 56 26 00-0061 6' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0062 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	279.86 22.67	
01 56 26 00-0063 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	477.42 56.69	
01 56 26 00-0064 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	536.23 68.02	
01 56 26 00-0065 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	620.54 85.03	
01 56 26 00-0066 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	750.49 113.37	
01 56 26 00-0067 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	850.06 136.05	
01 56 26 00-0068 8' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0069 EA 4' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	312.27 32.01	
01 56 26 00-0070 EA 10' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	546.13 80.03	
01 56 26 00-0071 EA 12' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	611.39 96.03	
01 56 26 00-0072 EA 15' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	699.36 120.04	
01 56 26 00-0073 EA 20' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	854.71 160.06	
01 56 26 00-0074 EA 24' Wide, 8' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Shade Cloth, Add</i>	989.27 192.07	
01 56 26 00-0075 10' High, Temporary Chain Link Fence Gates, >6 To 12 Months (01 56 26 00-0053)		
01 56 26 00-0076 EA 4' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	378.92 42.24	
01 56 26 00-0077 EA 10' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	656.16 105.59	
01 56 26 00-0078 EA 12' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	736.01 126.71	
01 56 26 00-0079 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	840.70 158.39	
01 56 26 00-0080 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	1,027.69 211.18	
01 56 26 00-0081 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >6 To 12 Months <i>For Each LF Shade Cloth, Add</i>	1,184.17 253.42	
01 56 26 00-0082 Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0023)		
01 56 26 00-0083 4' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0084 EA 4' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	271.72 14.23	
01 56 26 00-0085 EA 10' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	458.29 35.57	
01 56 26 00-0086 EA 12' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	514.02 42.68	
01 56 26 00-0087 EA 15' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	584.53 53.35	
01 56 26 00-0088 EA 20' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	701.32 71.14	
01 56 26 00-0089 EA 24' Wide, 4' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	779.35 85.36	
01 56 26 00-0090 6' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0091 EA 4' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	290.32 22.67	
01 56 26 00-0092 EA 10' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	493.69 56.69	
01 56 26 00-0093 EA 12' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	554.82 68.02	
01 56 26 00-0094 EA 15' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	641.45 85.03	
01 56 26 00-0095 EA 20' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	776.05 113.37	
01 56 26 00-0096 EA 24' Wide, 6' High, Temporary Chain Link Fence Gate, >12 To 18 Months <i>For Each LF Shade Cloth, Add</i>	877.94 136.05	
01 56 26 00-0097 8' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		

01	General Requirements
01 50	Temporary Facilities and Controls
01 56	Temporary Barriers and Enclosures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0098	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	323.77	
			<i>For Each LF Shade Cloth, Add</i>	32.01	
01 56 26 00-0099	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	564.03	
			<i>For Shade Cloth, Add</i>	80.03	
01 56 26 00-0100	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	631.84	
			<i>For Shade Cloth, Add</i>	96.03	
01 56 26 00-0101	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	722.37	
			<i>For Shade Cloth, Add</i>	120.04	
01 56 26 00-0102	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	882.83	
			<i>For Shade Cloth, Add</i>	160.06	
01 56 26 00-0103	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,019.95	
			<i>For Shade Cloth, Add</i>	192.07	
01 56 26 00-0104			10' High, Temporary Chain Link Fence Gates, >12 To 18 Months (01 56 26 00-0082)		
01 56 26 00-0105	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	393.30	
			<i>For Each LF Shade Cloth, Add</i>	42.24	
01 56 26 00-0106	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	678.53	
			<i>For Each LF Shade Cloth, Add</i>	105.59	
01 56 26 00-0107	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	761.57	
			<i>For Each LF Shade Cloth, Add</i>	126.71	
01 56 26 00-0108	EA		15' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	869.46	
			<i>For Each LF Shade Cloth, Add</i>	158.39	
01 56 26 00-0109	EA		20' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,062.84	
			<i>For Each LF Shade Cloth, Add</i>	211.18	
01 56 26 00-0110	EA		24' Wide, 10' High, Temporary Chain Link Fence Gate, >12 To 18 Months	1,222.51	
			<i>For Each LF Shade Cloth, Add</i>	253.42	
01 56 26 00-0111			Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0023)		
01 56 26 00-0112			4' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0113	EA		4' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	281.72	
			<i>For Each LF Shade Cloth, Add</i>	14.23	
01 56 26 00-0114	EA		10' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	473.85	
			<i>For Each LF Shade Cloth, Add</i>	35.57	
01 56 26 00-0115	EA		12' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	531.81	
			<i>For Each LF Shade Cloth, Add</i>	42.68	
01 56 26 00-0116	EA		15' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	604.54	
			<i>For Each LF Shade Cloth, Add</i>	53.35	
01 56 26 00-0117	EA		20' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	725.77	
			<i>For Each LF Shade Cloth, Add</i>	71.14	
01 56 26 00-0118	EA		24' Wide, 4' High, Temporary Chain Link Fence Gate, >18 Months	806.02	
			<i>For Each LF Shade Cloth, Add</i>	85.36	
01 56 26 00-0119			6' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0120	EA		4' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	300.78	
			<i>For Each LF Shade Cloth, Add</i>	22.67	
01 56 26 00-0121	EA		10' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	509.96	
			<i>For Each LF Shade Cloth, Add</i>	56.69	
01 56 26 00-0122	EA		12' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	573.41	
			<i>For Each LF Shade Cloth, Add</i>	68.02	
01 56 26 00-0123	EA		15' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	662.37	
			<i>For Each LF Shade Cloth, Add</i>	85.03	
01 56 26 00-0124	EA		20' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	801.62	
			<i>For Each LF Shade Cloth, Add</i>	113.37	
01 56 26 00-0125	EA		24' Wide, 6' High, Temporary Chain Link Fence Gate, >18 Months	905.83	
			<i>For Each LF Shade Cloth, Add</i>	136.05	
01 56 26 00-0126			8' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0127	EA		4' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	335.28	
			<i>For Each LF Shade Cloth, Add</i>	32.01	
01 56 26 00-0128	EA		10' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	581.92	
			<i>For Shade Cloth, Add</i>	80.03	
01 56 26 00-0129	EA		12' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	652.30	
			<i>For Shade Cloth, Add</i>	96.03	
01 56 26 00-0130	EA		15' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	745.38	
			<i>For Shade Cloth, Add</i>	120.04	
01 56 26 00-0131	EA		20' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	910.95	
			<i>For Shade Cloth, Add</i>	160.06	
01 56 26 00-0132	EA		24' Wide, 8' High, Temporary Chain Link Fence Gate, >18 Months	1,050.62	
			<i>For Shade Cloth, Add</i>	192.07	
01 56 26 00-0133			10' High, Temporary Chain Link Fence Gates, >18 Months (01 56 26 00-0111)		
01 56 26 00-0134	EA		4' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	407.68	
			<i>For Each LF Shade Cloth, Add</i>	42.24	
01 56 26 00-0135	EA		10' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	700.90	
			<i>For Each LF Shade Cloth, Add</i>	105.59	
01 56 26 00-0136	EA		12' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months	787.14	
			<i>For Each LF Shade Cloth, Add</i>	126.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0137 EA 15' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	898.22 158.39	
01 56 26 00-0138 EA 20' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	1,098.00 211.18	
01 56 26 00-0139 EA 24' Wide, 10' High, Temporary Chain Link Fence Gate, >18 Months <i>For Each LF Shade Cloth, Add</i>	1,260.86 253.42	
01 56 26 00-0140 Temporary Chain Link Fence Panels (Portable) (01 56 26 00-0001) Note: Includes delivery, set-up and removal. Excludes sandbags.		
01 56 26 00-0141 Temporary Chain Link Fence Panels (Portable), Up To 6 Months (01 56 26 00-0140)		
01 56 26 00-0142 LF Temporary 4' High Chain Link Fence Panels (Portable), Up To 6 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	6.87 -0.18 -0.36 -0.54 1.60	
01 56 26 00-0143 LF Temporary 6' High Chain Link Fence Panels (Portable), Up To 6 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	7.62 -0.20 -0.40 -0.60 2.55	
01 56 26 00-0144 LF Temporary 8' High Chain Link Fence Panels (Portable), Up To 6 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	10.42 -0.32 -0.65 -0.97 3.60	
01 56 26 00-0145 Temporary Chain Link Fence Panels (Portable), >6 To 12 Months (01 56 26 00-0140)		
01 56 26 00-0146 LF Temporary 4' High Chain Link Fence Panels (Portable), >6 To 12 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	7.18 -0.19 -0.39 -0.58 1.60	
01 56 26 00-0147 LF Temporary 6' High Chain Link Fence Panels (Portable), >6 To 12 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	7.96 -0.22 -0.44 -0.65 2.55	
01 56 26 00-0148 LF Temporary 8' High Chain Link Fence Panels (Portable), >6 To 12 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	10.98 -0.35 -0.70 -1.05 3.60	
01 56 26 00-0149 Temporary Chain Link Fence Panels (Portable), >12 To 18 Months (01 56 26 00-0140)		
01 56 26 00-0150 LF Temporary 4' High Chain Link Fence Panels (Portable), >12 To 18 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	7.48 -0.21 -0.42 -0.63 1.60	
01 56 26 00-0151 LF Temporary 6' High Chain Link Fence Panels (Portable), >12 To 18 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.34 -0.24 -0.47 -0.71 2.55	
01 56 26 00-0152 LF Temporary 8' High Chain Link Fence Panels (Portable), >12 To 18 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	11.62 -0.38 -0.77 -1.15 3.60	
01 56 26 00-0153 Temporary Chain Link Fence Panels (Portable), >18 Months (01 56 26 00-0140)		
01 56 26 00-0154 LF Temporary 4' High Chain Link Fence Panels (Portable), >18 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	7.87 -0.23 -0.46 -0.69 1.60	
01 56 26 00-0155 LF Temporary 6' High Chain Link Fence Panels (Portable), >18 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	8.72 -0.26 -0.51 -0.77 2.55	
01 56 26 00-0156 LF Temporary 8' High Chain Link Fence Panels (Portable), >18 Months..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i> <i>For Each LF Shade Cloth, Add</i>	12.28 -0.42 -0.83 -1.25 3.60	
01 56 26 00-0157 Temporary Chain Link Fence Panels (Portable) Sandbags (01 56 26 00-0140)		

01 General Requirements**01 50 Temporary Facilities and Controls****01 56 Temporary Barriers and Enclosures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 26 00-0158 BAG Temporary Chain Link Fence Panels (Portable) Sandbag.....	6.36	
Note: Includes placement and removal.		
01 56 26 00-0159 Relocate Chain Link Fence, Gates And Panels (01 56 26 00-0001)		
Note: Excludes auguring/drilling for posts.		
01 56 26 00-0160 Relocate Temporary Chain Link Fence On Site (01 56 26 00-0159)		
01 56 26 00-0161 LF Relocate Temporary 4' High Chain Link Fence And Posts	3.44	
01 56 26 00-0162 LF Relocate Temporary 6' High Chain Link Fence And Posts	5.16	
01 56 26 00-0163 LF Relocate Temporary 8' High Chain Link Fence And Posts	7.46	
01 56 26 00-0164 LF Relocate Temporary 10' High Chain Link Fence And Posts	9.18	
01 56 26 00-0165 Relocate Temporary Chain Link Fence Panels On Site (01 56 26 00-0159)		
01 56 26 00-0166 LF Relocate Temporary 4' High Chain Link Fence Panel, Self Standing	0.82	
01 56 26 00-0167 LF Relocate Temporary 6' High Chain Link Fence Panel, Self Standing	0.98	
01 56 26 00-0168 LF Relocate Temporary 8' High Chain Link Fence Panel, Self Standing	1.11	
01 56 26 00-0169 Relocate Temporary Chain Link Gates On Site (01 56 26 00-0159)		
01 56 26 00-0170 EA Relocate Temporary 4' High Chain Link Vehicle Gate And Posts	106.84	
01 56 26 00-0171 EA Relocate Temporary 6' High Chain Link Vehicle Gate And Posts	123.27	
01 56 26 00-0172 EA Relocate Temporary 8' High Chain Link Vehicle Gate And Posts	152.04	
01 56 26 00-0173 EA Relocate Temporary 10' High Chain Link Vehicle Gate And Posts.....	164.37	
01 56 26 00-0174 Temporary Safety Fence (01 56 26)		
Note: Includes removal after use.		
01 56 26 00-0175 LF 48" High With Posts At 8' On Center, Plastic Mesh Temporary Safety Fence	3.29	
01 56 29 Temporary Protective Walkways (01 56)		
01 56 29 00-0001 Temporary Sidewalk Bridge Protection (01 56 29)		
01 56 29 00-0002 Installation of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0003 LF Installation of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	166.37	
Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.		
<i>For 3 Post System, Add</i>		6.00
<i>For Each Additional Foot Over 8' Wide, Add</i>		3.00
<i>For Each Additional Foot Over 8' High, Add</i>		2.00
01 56 29 00-0004 LF Installation of Netting for Sidewalk Bridge.....	4.24	
01 56 29 00-0005 Monthly Rental of Sidewalk Bridge (01 56 29 00-0001)		
01 56 29 00-0006 LF Monthly Rental Of Up To 8' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Assembly.....	14.70	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		2.21
01 56 29 00-0007 LF Monthly Rental Of Up To 8' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	16.56	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		2.48
01 56 29 00-0008 LF Monthly Rental Of Up To 8' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	18.39	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		2.76
01 56 29 00-0009 LF Monthly Rental Of 8' - 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	18.39	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		2.76
01 56 29 00-0010 LF Monthly Rental Of 8' - 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	20.21	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		3.03
01 56 29 00-0011 LF Monthly Rental Of 8' - 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	23.92	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		3.59
01 56 29 00-0012 LF Monthly Rental Of Over 12' Wide And 8' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	22.09	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		3.31
01 56 29 00-0013 LF Monthly Rental Of Over 12' Wide, 8' - 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	25.76	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		3.86
01 56 29 00-0014 LF Monthly Rental Of Over 12' Wide, Over 12' High, 2 Post System, Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly.....	27.56	
Note: Includes spanning openings, planking and parapet, lighting and maintenance.		
<i>For 3 Post System, Add</i>		4.13
01 56 29 00-0015 LF Monthly Rental of Netting for Sidewalk Bridge.....	2.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 56 29 00-0016 Removal of Sidewalk Bridge <small>(01 56 29 00-0001)</small>		
01 56 29 00-0017 LF Removal Of Heavy Duty Steel Post And Beam Sidewalk Bridge Assembly	34.63	
<i>Note: Includes spanning openings, planking and parapet, lighting, up to 8' wide, up to 8' high, 2 post system.</i>		
<i>For 3 Post System, Add</i>		
		2.50
<i>For Each Additional Foot Over 8' Wide, Add</i>		
		1.25
<i>For Each Additional Foot Over 8' High, Add</i>		
		0.75
01 56 29 00-0018 LF Removal Of Netting For Sidewalk Bridge	2.12	
01 56 29 00-0019 Temporary Safety Nets <small>(01 56 29)</small>		
<i>Note: Includes removal after use.</i>		
01 56 29 00-0020 SF Small Mesh Debris Netting	2.13	
<i>Note: Includes 3" molded plastic base plates, plastic cable ties, and 1/4", 7x9 aircraft cable tied off to structure, not including anchors.</i>		
01 56 33 Temporary Security Barriers <small>(01 56)</small>		
01 56 33 00-0001 Board-up Opening With Plywood <small>(01 56 33)</small>		
<i>Note: For use where directed by owner for boarding up door and window openings.</i>		
01 56 33 00-0002 OPNG Removal Of Protective Barrier To Allow Work In Building, Reseal At End Of Day, Per Opening Per Day	12.33	
01 56 33 00-0003 SF 5/8" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	7.45	
01 56 33 00-0004 SF 3/4" Thick Plywood, 2" x 4" Wood Stud Framing And Fasteners, For Board-Up Opening	8.62	
01 56 33 00-0005 Temporary Pedestrian Barricade <small>(01 56 33)</small>		
<i>Note: Portable, interlocking galvanized steel fence with pivoting legs.</i>		
01 56 33 00-0006 DAY 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	13.73	
01 56 33 00-0007 WK 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	33.35	
01 56 33 00-0008 MO 3-1/2' x 7-1/2' Galvanized Steel Pedestrian Barricade, Rental	100.05	
01 56 39 Temporary Tree and Plant Protection <small>(01 56)</small>		
01 56 39 00-0001 Temporary Tree Guards <small>(01 56 39)</small>		
<i>Note: Includes digging holes and removal after use.</i>		
01 56 39 00-0002 EA Up To 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	185.03	
01 56 39 00-0003 EA 4' x 4' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	220.97	
01 56 39 00-0004 EA 6' x 6' Temporary Tree Guard, 2" x 4" Wood Stud Framing Construction, 4 Uprights Set In Earth 2' Deep, With Double Rail	240.51	
01 57 Temporary Controls <small>(01 50)</small>		
01 57 13 Temporary Erosion and Sediment Control <small>(01 57)</small>		
<i>See CSI section 31 25 00 00-0000 for temporary erosion and sediment control.</i>		
01 57 23 Temporary Storm Water Pollution Control <small>(01 57)</small>		
<i>See CSI section 31 25 00 00-0000 for temporary storm water pollution control.</i>		
01 57 23 00-0001 Temporary Drain Guard <small>(01 57 23)</small>		
<i>Note: Includes removal after use.</i>		
01 57 23 00-0002 EA 36" x 48" x 18" Non-Woven Polypropylene Trash and Debris Drain Guard (Ultra-Drain Guard® 9227)	104.28	
01 57 23 00-0003 EA 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9217)	102.26	
<i>Note: Up to 0.87 gallons oil, up to 40 lbs sediment.</i>		
01 57 23 00-0004 EA 36" x 48" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9219)	130.68	
<i>Note: Up to 1.38 gallons oil, up to 40 lbs sediment.</i>		
01 57 23 00-0005 EA 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9356)	128.64	
<i>Note: Up to 1.55 gallons oil, up to 40 lbs sediment.</i>		
01 57 23 00-0006 EA 60" x 60" x 18" Non-Woven Polypropylene Oil and Sediment Drain Guard (Ultra-Drain Guard® 9358)	159.11	
<i>Note: Up to 2.06 gallons oil, up to 40 lbs sediment.</i>		
01 58 Project Identification <small>(01 50)</small>		
<i>Note: Includes removal after use.</i>		
01 58 13 Temporary Project Signage <small>(01 58)</small>		
01 58 13 00-0001 Project Sign <small>(01 58 13)</small>		
01 58 13 00-0002 MDO Plywood Signs <small>(01 58 13 00-0001)</small>		
<i>Note: Excludes posts.</i>		
01 58 13 00-0003 Reflectorized, MDO Plywood Signs <small>(01 58 13 00-0002)</small>		
01 58 13 00-0004 Engineer Grade, Reflectorized, MDO Plywood Signs <small>(01 58 13 00-0003)</small>		
01 58 13 00-0005 EA Up To 8 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	166.81	22.61
		42.56
<i>For High-Intensity Grade, Add</i>		
		82.08
<i>For Diamond Grade, Add</i>		
01 58 13 00-0006 EA >8 To 16 SF, One Or Two Color Design, Engineer Grade, Reflectorized, MDO Plywood Sign	290.46	23.63
		85.12
<i>For High-Intensity Grade, Add</i>		
		164.16
<i>For Diamond Grade, Add</i>		

01	01	General Requirements
	01 50	Temporary Facilities and Controls
	01 58	Project Identification



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 58 13 00-0007	EA		>16 To 24 SF, One Or Two Color Design, Engineer Grade, ReflectORIZED, MDO Plywood Sign <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	414.12 127.68 246.24	24.65
01 58 13 00-0008	EA		>24 To 32 SF, One Or Two Color Design, Engineer Grade, ReflectORIZED, MDO Plywood Sign <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	537.78 170.24 328.32	25.69
01 58 13 00-0009	SF		>32 SF, One Or Two Color Design, Engineer Grade, ReflectORIZED, MDO Plywood Sign <i>For High-Intensity Grade, Add</i> <i>For Diamond Grade, Add</i>	16.85 5.32 10.26	0.82
01 58 13 00-0010			Non-ReflectORIZED, MDO Plywood Signs <small>(01 58 13 00-0002)</small>		
01 58 13 00-0011			One Or Two Color Design, Non-ReflectORIZED, MDO Plywood Signs <small>(01 58 13 00-0010)</small>		
01 58 13 00-0012	EA		Up To 8 SF, One Or Two Color Design, Non-ReflectORIZED, MDO Plywood Sign	210.19	22.61
01 58 13 00-0013	EA		>8 To 16 SF, One Or Two Color Design, Non-ReflectORIZED, MDO Plywood Sign	251.62	23.63
01 58 13 00-0014	EA		>16 To 24 SF, One Or Two Color Design, Non-ReflectORIZED, MDO Plywood Sign	316.48	24.65
01 58 13 00-0015	EA		>24 To 32 SF, One Or Two Color Design, Non-ReflectORIZED, MDO Plywood Sign	377.70	25.69
01 58 13 00-0016	SF		>32 SF, One Or Two Color Design, Non-ReflectORIZED, MDO Plywood Sign	11.85	0.82
01 58 13 00-0017			Full Color Design, Non-ReflectORIZED, MDO Plywood Signs <small>(01 58 13 00-0010)</small>		
01 58 13 00-0018	EA		Up To 8 SF, Full Color Design, Non-ReflectORIZED, MDO Plywood Sign	214.83	22.61
01 58 13 00-0019	EA		>8 To 16 SF, Full Color Design, Non-ReflectORIZED, MDO Plywood Sign	276.66	23.63
01 58 13 00-0020	EA		>16 To 24 SF, Full Color Design, Non-ReflectORIZED, MDO Plywood Sign	341.92	24.65
01 58 13 00-0021	EA		>24 To 32 SF, Full Color Design, Non-ReflectORIZED, MDO Plywood Sign	399.51	25.69
01 58 13 00-0022	SF		>32 SF, Full Color Design, Non-ReflectORIZED, MDO Plywood Sign	12.53	0.82
01 58 13 00-0023			Fabricate And Install New Posts <small>(01 58 13 00-0001)</small> Note: Includes excavation, backfill and compaction. Excludes core drilling.		
01 58 13 00-0024	LF		Galvanized Metal Channel Sign Posts.....	17.57	
01 58 13 00-0025	LF		4" x 4" Pressure Treated Wood Sign Posts	12.79	
01 58 13 00-0026	LF		4" x 6" Pressure Treated Wood Sign Posts	15.63	
01 58 13 00-0027			Owner Supplied Signs <small>(01 58 13 00-0001)</small>		
01 58 13 00-0028	EA		Installation And Removal Of Owner Supplied Project Sign	82.19	

01 60 Product Requirements (01)

01 64 Owner-Furnished Products (01 60)

Note: For specification publishing. Review specifications for requirements.

01 64 00 00-0001	NTE	Owner-Furnished Products	0.00
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Note: For specification publishing. Review specifications for requirements.

01 65 Product Delivery Requirements (01 60)

01 65 00 00-0001 Material Handling On Site For Distances Greater Than 125' From Staging Area (01 65)

Note: For use when site-work (plants and irrigation piping) materials can not be delivered to within 125' of final installation. Includes driver and equipment, time for travel, and return (roundtrip). The task quantity is the distance to the site (one way). Excludes loading time.

01 65 00 00-0002	EA	Up To 125' Material Handling On Site With Wheelbarrow Or Push Cart.....	3.69
01 65 00 00-0003	EA	>125 To 250' Material Handling On Site With Wheelbarrow Or Push Cart	9.04
01 65 00 00-0004	EA	>250 To 500' Material Handling On Site With Wheelbarrow Or Push Cart	13.56
01 65 00 00-0005	EA	>125' To 500' Material Handling On Site With 2-3 CY Pick-up Truck, Van Or Trailer	9.99
01 65 00 00-0006	EA	>125' To 500' Material Handling On Site With Dump Truck Or Flat Bed Truck.....	15.65
01 65 00 00-0007	EA	>500' To 2,100' Material Handling On Site With 2-3 CY Pick-up Truck, Van Or Trailer	14.99
01 65 00 00-0008	EA	>500' To 2,100' Material Handling On Site With Dump Truck Or Flat Bed Truck.....	23.48
01 65 00 00-0009	EA	>2,100' To 5,280' Material Handling On Site With 2-3 CY Pick-up Truck, Van Or Trailer	19.98
01 65 00 00-0010	EA	>2,100' To 5,280' Material Handling On Site With Dump Truck Or Flat Bed Truck.....	31.30

01 65 00 00-0011 Material Transportation On Road From Site For Distances Greater Than 1 Mile From Staging Area (01 65)

Note: For use when materials to be delivered to another staging area or other site for final installation. Includes driver and equipment, time for travel, and return (roundtrip). The task quantity is the distance to the site (one way). Excludes loading time.

01 65 00 00-0012	EA	Material Transportation On Road From Site With 2-3 CY Pick-up Truck, Cargo Van Or Trailer, Up To 15 Miles	74.92
		Note: Each first 15 miles per trip	
		<i>For Each Additional Mile Over First 15 Miles, Add Per Mile</i>	0.94
		<i>For Each Additional Mile Over First 15 Miles, Add Per Mile</i>	1.50
01 65 00 00-0013	EA	Material Transportation On Road From Site With 24' To 26' Box Truck, Up To 15 Miles	116.72
		Note: Each first 15 miles per trip	
		<i>For Each Additional Mile Over First 15 Miles, Add Per Mile</i>	1.46
		<i>For Each Additional Mile Over First 15 Miles, Add Per Mile</i>	2.33

01 66 Product Storage and Handling Requirements (01 60)

General Requirements	01	10
Product Requirements	01 60	
Product Storage and Handling Requirements	01 66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 66 19 Product Handling Requirements (01 66)
 Note: Not for use in conjunction with other tasks when the distance is less than 2 stories or less than 125'.

01 66 19 00-0001		Transfer Delivered Materials Between Floors <small>(01 66 19)</small> Note: For moving delivered, owner supplied or existing materials in a building.	
01 66 19 00-0002	CY	Transfer Delivered Material Between Floors Via Stairs, Per Floor.....	15.81
01 66 19 00-0003	CY	Transfer Delivered Material Between Floors Via Elevator, Per Trip..... Note: Quantity equals volume of materials multiplied by number of floors traveled.	10.28
01 66 19 00-0004		Transfer Delivered Materials Distances Greater Than 125' <small>(01 66 19)</small> Note: For moving delivered, owner supplied or existing materials in a building.	
01 66 19 00-0005	CY	Transfer Delivered Materials Distances Greater Than 125', Per CY Of Material Per 125'.....	6.42
01 66 19 00-0006		Transfer Demolition Debris Between Floors <small>(01 66 19)</small> Note: Only for use with demolition tasks.	
01 66 19 00-0007	CY	Transfer Demolition Debris Between Floors Via Stairs, Per Floor..... Note: Quantity equals material volume times bulk factor times number of floors traveled.	15.81
01 66 19 00-0008	CY	Transfer Demolition Debris Between Floors Via Elevator, Per Trip..... Note: Quantity is not multiplied by number of floors traveled. Includes transfer of materials between elevators, if more than one bank of elevators is required.	10.28
01 66 19 00-0009		Transfer Demolition Debris Distances Greater Than 125' <small>(01 66 19)</small> Note: Only for use with demolition tasks.	
01 66 19 00-0010	CY	Transfer Demolition Debris Distances Greater Than 125', Per CY Of Material Per 125'.....	6.42
01 66 19 00-0011		Moving Furniture And Furnishings <small>(01 66 19)</small> Note: To be used when contractor is required to move furniture and furnishings occupying 55% or more of the total floor space.	
01 66 19 00-0012	SF	Removal, Transportation, Return And Reinstallation Of Office Furniture And Furnishings..... Note: Includes desks, tables, file cabinets, chairs, storage boxes, bookshelves, office equipment, computers, and other furniture and furnishings. Quantity equals total floor space.	1.02

01 70 Execution and Closeout Requirements (01)

01 71 Examination and Preparation (01 70)

01 71 13 Mobilization (01 71)

01 71 13 00-0001		Equipment Delivery, Pickup, Mobilization And Demobilization <small>(01 71 13)</small> Note: Excludes flagman for traffic control where necessary.	
01 71 13 00-0002	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Rollback Flatbed Truck..... Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as trenchers, skid-steer loaders (bobcats), industrial warehouse forklifts, sweepers, scissor platform lifts, telescoping and articulating boom man lifts with up to 40' boom lengths, etc.	440.91
01 71 13 00-0003	EA	Equipment Delivery, Pickup, Mobilization And Demobilization Using A Tractor Trailer With Up To 53' Bed..... Note: Includes loading, tie-down of equipment, delivery of equipment, off loading on site, rigging, dismantling, loading for return and transporting away. For equipment such as bulldozers, motor scrapers, hydraulic excavators, gradalls, road graders, loader-backhoes, heavy duty construction loaders, tractors, pavers, rollers, bridge finishers, straight mast construction forklifts, telescoping boom rough terrain construction forklifts, telescoping and articulating boom man lifts with >40' boom lengths, etc.	1,462.58
01 71 13 00-0004		Crane Delivery, Pickup, Mobilization And Demobilization <small>(01 71 13)</small> Note: Includes delivery of equipment, off loading on site and rigging. Pick-up (return) includes dismantling, loading and transporting away. Excludes flagman for traffic control where necessary.	
01 71 13 00-0005	EA	Up To 20 Ton Lift Move On/Off Cost, Hydraulic Crane..... Note: Includes delivery and pickup.	470.30
		For >30 To 60 Miles Radius, Add	117.58
		For >60 To 100 Miles Radius, Add	188.12
01 71 13 00-0006	EA	>20 To 40 Ton Lift Move On/Off Cost, Hydraulic Crane..... Note: Includes delivery and pickup.	764.25
		For >30 To 60 Miles Radius, Add	191.06
		For >60 To 100 Miles Radius, Add	305.70
01 71 13 00-0007	EA	>40 To 70 Ton Lift Move On/Off Cost, Hydraulic Crane..... Note: Includes delivery and pickup.	1,058.19
		For >30 To 60 Miles Radius, Add	264.55
		For >60 To 100 Miles Radius, Add	423.28
01 71 13 00-0008	EA	>70 To 110 Ton Lift Move On/Off Cost, Hydraulic Crane..... Note: Includes delivery and pickup.	1,704.86
		For >30 To 60 Miles Radius, Add	426.22
		For >60 To 100 Miles Radius, Add	681.94
01 71 13 00-0009	EA	>110 To 125 Ton Lift Move On/Off Cost, Hydraulic Crane..... Note: Includes delivery and pickup.	2,139.90
		For >30 To 60 Miles Radius, Add	534.98
		For >60 To 100 Miles Radius, Add	855.96

01	General Requirements
01 70	Execution and Closeout Requirements
01 71	Examination and Preparation

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71	13 00-0010	EA	>125 To 150 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	2,663.12 665.78 1,065.25	
01 71	13 00-0011	EA	>150 To 185 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	3,068.75 767.19 1,227.50	
01 71	13 00-0012	EA	>185 To 210 Ton Lift Move On/Off Cost, Hydraulic Crane Note: Includes delivery and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	3,433.25 858.31 1,373.30	
01 71	13 00-0013	EA	75 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	1,822.44 455.61 728.98	
01 71	13 00-0014	EA	100 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	2,880.64 720.16 1,152.26	
01 71	13 00-0015	EA	125 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	3,644.88 911.22 1,457.95	
01 71	13 00-0016	EA	150 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	4,526.71 1,131.68 1,810.68	
01 71	13 00-0017	EA	200 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	5,643.69 1,410.92 2,257.48	
01 71	13 00-0018	EA	250 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	6,584.31 1,646.08 2,633.72	
01 71	13 00-0019	EA	300 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	9,406.16 2,351.54 3,762.46	
01 71	13 00-0020	EA	500 Ton Lift Move On/Off Cost, Cable Controlled Lattice Boom Mechanical Crane Note: Includes delivery, rigging and pickup. <i>For >30 To 60 Miles Radius, Add</i> <i>For >60 To 100 Miles Radius, Add</i>	12,898.18 3,224.55 5,159.27	
01 71 23 Field Engineering (01 71)					
01 71 23 16 Construction Surveying (01 71 23)					
01 71 23 16-0001 Conventional Topographic Survey (01 71 23 16)					
Note: The professional services include AutoCAD drafting and certification. The survey includes location of structures, walks, drives, parking, significant vegetation, utilities, etc. The area within building footprint is not to be considered as part of the acreage.					
01 71	23 16-0002	ACR	Conventional Topographic Survey Of Clear Area With Few To No Obstacles.....	1,201.88	
01 71	23 16-0003	ACR	Conventional Topographic Survey Of Clear Area With Medium Height Vegetation, Few Trees (<5% Buildings).....	3,328.13	
01 71	23 16-0004	ACR	Conventional Topographic Survey Of Clear Area With Few Structures, And/Or Wooded (5-25% Buildings).....	4,783.15	
01 71	23 16-0005	ACR	Conventional Topographic Survey Of Developed Areas With Several Structures (25-65% Buildings).....	7,162.39	
01 71	23 16-0006	ACR	Conventional Topographic Survey Of Highly Developed Areas, Sidewalks, Etcetera (>65% Buildings).....	8,955.69	
01 71 23 16-0007 Property Lines Survey (01 71 23 16)					
Note: Not to be added to tasks in the "Conventional Topographic Survey" section.					
01 71	23 16-0008	LF	Survey Property Lines On Cleared Land	2.61	
01 71	23 16-0009	LF	Survey Property Lines On Slightly Wooded Land	3.03	
01 71	23 16-0010	LF	Survey Property Lines On Wooded Land.....	3.54	
01 71 23 16-0011 Survey Monument (01 71 23 16)					
01 71	23 16-0012	EA	3' Precast Survey Monument.....	192.95	
			<i>For Owner Furnished Monument, Deduct</i>	-73.83	
01 71	23 16-0013	EA	Precast Survey Monument Box With Cast Iron Frame And Cover.....	289.92	
01 71	23 16-0014	EA	Riser Ring For Survey Monument.....	150.40	
01 71	23 16-0015	EA	Adjust Survey Monument Cover To Grade	221.48	
01 71 23 16-0016 Facade Surveying (01 71 23 16)					
01 71	23 16-0017	LF	Facade Survey And Reports (LF Of Facade x Number Of Floors).....	7.18	
01 71 23 16-0018 Utility Survey (01 71 23 16)					
Note: This survey is only for the location of underground utilities.					
01 71	23 16-0019	ACR	Survey Clear Area For Underground Utilities.....	6,074.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0020	GPR Bridge Deck And Pavement Inspection <small>(01 71 23 16)</small>	
01 71 23 16-0021	GPR Bridge Deck And Pavement Inspection Mobilization Fee <small>(01 71 23 16-0020)</small> Note: One mobilization per project.	
01 71 23 16-0022	EA	GPR Bridge Deck And Pavement Inspection Mobilization Fee.....3,812.40
01 71 23 16-0023	Bridge Deck Delamination Survey, GPR Bridge Deck Inspection <small>(01 71 23 16-0020)</small> Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.	
01 71 23 16-0024	EA	Survey Fee, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....2,859.30
01 71 23 16-0025	SF	Up To 5,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection.....1.20
01 71 23 16-0026	SF	>5,000 To 10,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....0.95
01 71 23 16-0027	SF	>10,000 To 25,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....0.76
01 71 23 16-0028	SF	>25,000 To 50,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....0.57
01 71 23 16-0029	SF	>50,000 To 100,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....0.46
01 71 23 16-0030	SF	>100,000 To 250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....0.36
01 71 23 16-0031	SF	>250,000 SF, Bridge Deck Delamination Survey, GPR Bridge Deck Inspection .....0.27
01 71 23 16-0032	Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection <small>(01 71 23 16-0020)</small> Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.	
01 71 23 16-0033	EA	Survey Fee, Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection .....953.10
01 71 23 16-0034	SF	Depth Of Reinforcement/Overlay Thickness Survey, GPR Bridge Deck Inspection .....0.06
01 71 23 16-0035	Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection <small>(01 71 23 16-0020)</small> Note: Each project will use the Survey Fee task with a quantity of 1 and one other task for the area of the bridge deck surveyed.	
01 71 23 16-0036	EA	Survey Fee, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....953.10
01 71 23 16-0037	SF	Up To 5,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection.....0.44
01 71 23 16-0038	SF	>5,000 To 10,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....0.34
01 71 23 16-0039	SF	>10,000 To 25,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....0.27
01 71 23 16-0040	SF	>25,000 To 50,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....0.21
01 71 23 16-0041	SF	>50,000 To 100,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....0.17
01 71 23 16-0042	SF	>100,000 To 250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....0.13
01 71 23 16-0043	SF	>250,000 SF, Freeze-Thaw Damage/Debonded Overlay Survey, GPR Bridge Deck Inspection .....0.10
01 71 23 16-0044	Pavement Structure And Thickness Measurement, GPR Pavement Inspection <small>(01 71 23 16-0020)</small> Note: Each project will use one task for the length of the pavement surveyed.	
01 71 23 16-0045	LM	Up To 4 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....7,087.25
01 71 23 16-0046	LM	>4 To 9 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....3,089.95
01 71 23 16-0047	LM	>9 To 49 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....2,300.78
01 71 23 16-0048	LM	>49 To 99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....1,256.19
01 71 23 16-0049	LM	>99 Lane Miles (LM), Pavement Structure And Thickness Measurement, GPR Pavement Inspection .....987.41
01 71 23 16-0050	Pavement Thickness Contour (Mapping), GPR Pavement Inspection <small>(01 71 23 16-0020)</small> Note: Each project will use one task for the length of the pavement surveyed.	
01 71 23 16-0051	LM	Up To 4 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....9,018.23
01 71 23 16-0052	LM	>4 To 9 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....4,241.30
01 71 23 16-0053	LM	>9 To 49 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....3,221.48
01 71 23 16-0054	LM	>49 To 99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....1,805.17
01 71 23 16-0055	LM	>99 Lane Miles (LM), Pavement Thickness Contour (Mapping), GPR Pavement Inspection .....1,427.74
01 71 23 16-0056	Pavement Void Detection (Mapping), GPR Pavement Inspection <small>(01 71 23 16-0020)</small> Note: Each project will use one task for the length of the pavement surveyed.	
01 71 23 16-0057	LM	Up To 4 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....10,709.03
01 71 23 16-0058	LM	>4 To 9 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....5,247.77
01 71 23 16-0059	LM	>9 To 49 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....4,025.89
01 71 23 16-0060	LM	>49 To 99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....2,285.53
01 71 23 16-0061	LM	>99 Lane Miles (LM), Pavement Void Detection (Mapping), GPR Pavement Inspection .....1,810.89
01 71 23 16-0062	Drone Survey (Extreme Aerial Productions) <small>(01 71 23 16)</small> Note: Thermographic services to electrical line grid inspections.	
01 71 23 16-0063	Mobilization For Drone Surveying <small>(01 71 23 16-0062)</small>	
01 71 23 16-0064	EA	Mobilization For Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing.....256.24
01 71 23 16-0065	EA	Mobilization For > 1000 Acres Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing .....640.61
01 71 23 16-0066	EA	Mobilization For Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter .....170.83
01 71 23 16-0067	EA	Mobilization For Drone Road Survey For Topography/Progression/Inspection .....341.66

01	General Requirements
01 70	Execution and Closeout Requirements
01 71	Examination and Preparation

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0068	EA		Mobilization For Drone Survey Stockpile	170.83	
01 71 23 16-0069	EA		Mobilization For Drone Inspection	170.83	
01 71 23 16-0070	EA		Mobilization For Qualitative Drone Thermal Inspection.....	341.66	
01 71 23 16-0071	EA		Mobilization For Quantitative Drone Thermal Inspection	427.08	
01 71 23 16-0072	EA		Mobilization For Drone Agricultural Multispectral Survey.....	683.32	
01 71 23 16-0073	EA		Mobilization For Drone Building Inspection/Scan/Thermal.....	512.49	
01 71 23 16-0074	EA		Mobilization For Drone 3D Modelling	427.08	
01 71 23 16-0075	EA		Mobilization For Drone Spraying Crops Or Sanitation	768.74	
01 71 23 16-0076	EA		Mobilization For Drone Video Progression/Marketing	170.83	
01 71 23 16-0077	EA		Mobilization For Drone Pictures Progression/Marketing	170.83	
01 71 23 16-0078	EA		Mobilization For Drone Training, Flying, Test Prep, Equipment Checks.....	170.83	
01 71 23 16-0079	EA		Mobilization For Drone Accident Reconstruction	170.83	
01 71 23 16-0080	EA		Mobilization For Drone Landfill Survey	256.24	
01 71 23 16-0081	EA		Mobilization For Drone Event Security Using Tethered Drones.....	341.66	
01 71 23 16-0082	EA		Mobilization For Drone Emergency Response.....	854.15	
01 71 23 16-0083	EA		Mobilization For Drone Cell Tower Inspection	256.24	
01 71 23 16-0084			Drone Surveying <small>(01 71 23 16-0062)</small>		
01 71 23 16-0085	HR		Up To 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	623.53	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0086	HR		> 1000 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Fixed Wing	794.36	
			<i>For Visual Observation, Add</i>	256.24	
			<i>For Additional Manpower, Add</i>	205.00	
01 71 23 16-0087	HR		Up To 400 Acres, Drone Survey/Topography 1/10 Or Better, Post Process Kinematic (PPK) Hexacopter	512.49	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0088	HR		Drone Road Survey For Topography/Progression/Inspection.....	597.90	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	256.24	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0089	HR		Drone Survey Stockpile	427.08	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0090	HR		Drone Inspection.....	597.90	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0091	HR		Qualitative Drone Thermal Inspection.....	683.32	
			Note: 5 hour minimum		
			<i>For Visual Observation, Add</i>	256.24	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0092	HR		Quantitative Drone Thermal Inspection.....	1,024.98	
			Note: 5 hour minimum		
			<i>For Visual Observation, Add</i>	256.24	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0093	HR		Drone Agricultural Multispectral Survey	768.74	
			Note: 6 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0094	HR		Drone Building Inspection/Scan/Thermal.....	683.32	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	256.24	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0095	HR		Drone 3D Modelling	512.49	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	256.24	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0096	HR		Drone Spraying Crops Or Sanitation	683.32	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	213.54	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0097	HR		Drone Video Progression/Marketing	341.66	
			Note: 2 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0098	HR		Drone Pictures Progression/Marketing	256.24	
			Note: 2 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0099	HR		Drone Training, Flying, Test Prep, Equipment Checks	512.49	
			Note: 3 hour minimum		
01 71 23 16-0100	HR		Drone Accident Reconstruction	768.74	
			Note: 2 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	
01 71 23 16-0101	HR		Drone Landfill Survey.....	623.53	
			Note: 3 hour minimum		
			<i>For Visual Observation, Add</i>	170.83	
			<i>For Additional Manpower, Add</i>	170.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 71 23 16-0102 HR Drone Event Security Using Tethered Drones.....	427.08	
Note: 3 hour minimum		
For Visual Observation, Add	170.83	
For Additional Manpower, Add	170.83	
01 71 23 16-0103 HR Drone Emergency Response.....	427.08	
Note: 3 hour minimum		
For Visual Observation, Add	256.24	
For Additional Manpower, Add	170.83	
01 71 23 16-0104 HR Drone Cell Tower Inspection	427.08	
Note: 3 hour minimum		
For Visual Observation, Add	213.54	
For Additional Manpower, Add	170.83	
01 71 23 16-0105 Utilization And Deliverables For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0106 Day Utilization Of GPS Ground Control For Drone Surveying	427.08	
01 71 23 16-0107 Day Utilization Of GPS Base Station Per Day For Drone Surveying.....	427.08	
01 71 23 16-0108 HR Processing And Data Deliverables And Reporting For Drone Surveying.....	170.83	
Note: 2 hour minimum		
01 71 23 16-0109 HR Processing And Data Deliverables And Reporting Of Thermal For Drone Surveying.....	341.66	
Note: 3 hour minimum		
01 71 23 16-0110 Travel, Waivers, And Editing For Drone Surveying (01 71 23 16-0062)		
01 71 23 16-0111 MI Travel Over 100 Miles For Drone Surveying.....	0.98	
Note: For additional miles over 100		
01 71 23 16-0112 EA Overnight Stay Per Person For Drone Surveying	213.54	
01 71 23 16-0113 EA Waiver Utilization B, C, D, And E For Drone Surveying.....	85.42	
Note: Restricted airspace		
01 71 23 16-0114 EA Night Waiver For Drone Surveying	111.04	
01 71 23 16-0115 EA Flying Over People Waiver For Drone Surveying	170.83	
01 71 23 16-0116 EA Beyond Visual Line Of Sight (BVLOS) Waiver For Drone Surveying.....	854.15	
01 71 23 16-0117 HR Editing Video For Drone Surveying.....	170.83	
Note: 2 hour minimum		
01 71 23 16-0118 HR Editing Pictures For Drone Surveying.....	85.42	
Note: 2 hour minimum		
01 71 23 16-0119 HR Custom Post Processing For Drone Surveying	256.24	
Note: 3 hour minimum		
01 71 36 Non-Destructive Concrete Examination (01 71)		
01 71 36 00-0001 Electromagnetic Survey (01 71 36)		
Note: To locate voids, prior to moving heavy machinery to an area of concern, to locate reinforcing bars, conduits, pipes, etc., prior to core drilling or cutting existing concrete, masonry or asphalt, to locate underground utilities, underground storage tanks, etc. Electromagnetic survey includes Subsurface Interface Radar (SIR) and/or Ground Penetrating Radar (GPR).		
01 71 36 00-0002 Electromagnetic (SIR/GPR) Survey (01 71 36 00-0001)		
01 71 36 00-0003 EA Up To 1 Hour On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,102.50	
01 71 36 00-0004 EA >1 To 4 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	1,653.75	
01 71 36 00-0005 EA >4 To 8 Hours On Site, Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	3,307.50	
01 71 36 00-0006 Reports And Mapping For Electromagnetic (SIR/GPR) Surveys (01 71 36 00-0001)		
01 71 36 00-0007 EA Standard Report For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt.....	367.50	
Note: Includes a detailed description of the scope of work, inspection methods, and equipment used. Also includes visuals such as site locations, images of data, and site photos.		
01 71 36 00-0008 EA GPS Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	735.00	
Note: Includes GPS coordinates of located items and reference items.		
01 71 36 00-0009 EA CAD Mapping Of Located Utilities/Items For Electromagnetic (SIR/GPR) Survey, Earth, Concrete, Masonry Or Asphalt	1,653.75	
Note: Includes additions to the owner provided CAD drawing.		
01 74 Cleaning and Waste Management (01 70)		
01 74 13 Progress Cleaning (01 74)		
Note: For use on existing areas other than where actual work is to be performed where ordered by the owner. Daily cleanup and final cleanup is included in the contractor's adjustment factor.		
01 74 13 00-0001 General (01 74 13)		
01 74 13 00-0002 CSF Clean Miscellaneous Surfaces, Wipe Down With Mild Detergent.....	20.57	
01 74 13 00-0003 CY Collect Existing Debris And Load Into Truck Or Dumpster	24.10	
Note: Per CY of debris removed.		
01 74 16 Site Maintenance (01 74)		
01 74 16 00-0001 Parking Lot, Roads And Pathway Maintenance (01 74 16)		
Note: These tasks shall be used for maintenance of existing roads and walks only as requested by the owner. Tasks not to be used in conjunction with related installation/demolition tasks in the Construction Task Catalog®.		
01 74 16 00-0002 Parking Lot, Road, And Street Sweeping (01 74 16 00-0001)		
01 74 16 00-0003 MSF Sweep Parking Lot, With Street Sweeper.....	22.04	

01	01	General Requirements
	01 70	Execution and Closeout Requirements
	01 74	Cleaning and Waste Management

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
01 74 16 00-0004 MSF Sweeper/Vacuum/Sprayer For Parking Lots, Streets And Roads.....	26.44	
01 74 19 Construction Waste Management and Disposal (01 74)		
Note: Tasks in this section shall be used as directed by owner.		
01 74 19 00-0001 Debris Chutes (01 74 19)		
Note: Includes hopper sections and entry sections. Used as required for buildings of all heights.		
01 74 19 00-0002 Steel Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0003 LF 18" Diameter, Steel Temporary Debris Chute.....	39.46	
01 74 19 00-0004 LF 30" Diameter, Steel Temporary Debris Chute.....	60.17	
01 74 19 00-0005 Plastic Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0006 LF 24" Diameter, Plastic Temporary Debris Chute	15.63	
For Steel Liner, Add		
	3.11	
01 74 19 00-0007 LF 30" Diameter, Plastic Temporary Debris Chute	17.92	
For Steel Liner, Add		
	3.57	
01 74 19 00-0008 LF 36" Diameter, Plastic Temporary Debris Chute	20.20	
For Steel Liner, Add		
	4.02	
01 74 19 00-0009 Wood Temporary Debris Chutes (01 74 19 00-0001)		
01 74 19 00-0010 LF 4' x 4', Wood Temporary Debris Chute	31.26	
Note: Includes fabrication and installation.		
01 74 19 00-0011 Construction Dumpsters Rental (01 74 19)		
Note: Includes service to delivery and pick-up of dumpster, hauling of debris, rental of dumpster and all applicable non-hazardous disposal fees. Cost of "each" is based on each pick-up. Use modifier for excess tons up to legal state limit. Unacceptable materials include: aerosol cans, all liquids, animals, antifreeze, appliances, asbestos, barrels, batteries, chemical products, computers, contaminated oils (mixed with solvents, gasoline, etc.), dirt, fluorescent tubes, hazardous waste, herbicides and pesticides, industrial waste, lubricating/hydraulic oil, mattresses, medical waste, microwaves, monitors, motor oil, oil filters, other flammable liquids, paint (except completely dried latex paint cans, no liquids), petroleum-contaminated soil/lead paint chips, propane tanks, radioactive material, railroad ties, solvents, televisions, tires, and transmission oil.		
01 74 19 00-0012 EA 10 CY Dumpster (1 Ton) "Construction Debris".....	424.98	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add		
	90.00	
01 74 19 00-0013 EA 15 CY Dumpster (1.5 Ton) "Construction Debris".....	469.98	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add		
	90.00	
01 74 19 00-0014 EA 20 CY Dumpster (3 Ton) "Construction Debris".....	515.00	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add		
	90.00	
01 74 19 00-0015 EA 30 CY Dumpster (4 Ton) "Construction Debris".....	589.96	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add		
	90.00	
01 74 19 00-0016 EA 40 CY Dumpster (6 Ton) "Construction Debris".....	689.99	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Non-hazardous material.		
For Each Ton Over Indicated Amount, Add		
	90.00	
01 74 19 00-0017 EA 10 CY Low-Boy Dumpster "Concrete Or Asphalt Only"	605.22	
Note: Includes delivery of dumpster, rental cost, pick-up cost, hauling, and disposal fee. Concrete or asphalt only.		
01 74 19 00-0018 EA 15 CY Low-Boy Dumpster Clean Recyclable.....	660.42	
Note: For clean dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.		
01 74 19 00-0019 EA 15 CY Low-Boy Dumpster Mixed Recyclable	709.70	
Note: For mixed dirt, rock, concrete brick or asphalt with no trash or organics. Includes service to deliver and pick-up dumpster, hauling, rental and disposal fee.		
01 74 19 00-0020 Concrete Washout Service (01 74 19)		
01 74 19 00-0021 MO Rampless Concrete Washout Bin.....	443.20	
Note: Includes delivery.		
01 74 19 00-0022 MO Ramped Concrete Washout Bin	531.84	
Note: Includes delivery.		
01 74 19 00-0023 EA Interim Vacuum Service, Concrete Washout Bin	607.44	
Note: Includes vacuum and recycle excess clear liquid from the unfilled bin to allow additional space for washout material.		
01 74 19 00-0024 EA Vacuum, Pickup, Swap And Dump, Concrete Washout Bin	1,316.12	
Note: Includes vacuum the liquid from the full bin and pick up the bin, and recycle all material. An empty bin will be left at the site if the project is not completed.		
01 74 19 00-0025 Debris Processing Fee (01 74 19)		
01 74 19 00-0026 Material Recycling Fees (01 74 19 00-0025)		
Note: Not to be used with Dumpster Tasks which includes the Landfill Dump Fee. Excludes hauling.		
01 74 19 00-0027 CY Drop-Off Asphalt At Recycling Center	51.48	
01 74 19 00-0028 CY Drop-Off Non-Reinforced Concrete At Recycling Center.....	68.97	
01 74 19 00-0029 CY Drop-Off Reinforced Concrete At Recycling Center.....	103.45	
01 74 19 00-0030 CY Drop-Off Brick Or Block At Recycling Center.....	89.65	
01 74 19 00-0031 CY Drop-Off Dirt At Recycling Center.....	100.00	
01 74 19 00-0032 CY Drop-Off Dimensional Lumber At Recycling Center.....	96.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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01 74 19 00-0033	Landfill Dump Fees <small>(01 74 19 00-0025)</small>	
	Note: Does not apply when material is transferred to owner's site or facility, or with use of dumpsters. Excludes hauling.	
01 74 19 00-0034	CY Traditional Building Construction Materials Landfill Dump Fee.....	45.89
01 74 19 00-0035	TON Traditional Building Construction Materials, Landfill Dump Fee.....	200.00
01 74 19 00-0036	CY Trees, Stumps And Brush, Landfill Dump Fee.....	55.24
01 74 19 00-0037	CY Hazardous Materials And Rubbish Landfill Dump Fee	131.73
	Note: Includes regulated waste such as paint cans, refrigerators/freezers, air conditioners, smoke detectors, batteries, etc.	
01 74 19 00-0038	CY Asphalt, Concrete, Gravel And Subgrade Material, Landfill Dump Fee	93.60
01 74 19 00-0039	TON General Refuse.....	94.86
	<i>For Hard To Handle Materials, Add</i> <i>10.00</i>	
01 74 19 00-0040	EA Disposal Of Tires - Passenger	2.26
	Note: Up to 10 car tires. Use bulk rate for quantities over 10.	
01 74 19 00-0041	EA Disposal Of Tires - Truck	11.29
	Note: Up to 5 truck tires. Use bulk rate for quantities over 5.	
01 74 19 00-0042	EA Disposal Of Tires - Tractor	16.94
	Note: Up to 4 tractor tires. Use bulk rate for quantities over 4.	
01 74 19 00-0043	TON Disposal Of Tires - Bulk	214.57
	Note: Includes cut tires and tire strips.	
01 74 19 00-0044	TON Certified Pesticide Containers.....	117.65

01 74 19 00-0045	Hauling <small>(01 74 19)</small>	
	Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one way mileage) times the number of cubic yards being transported. For example, to haul 8 CY to a site 14 miles away, the quantity is calculated as follows: 14 miles x 8 CY = 112 CYM. Use both hauling tasks for distances greater than 15 miles. To haul 28 CY to a site 32 miles away, the quantity for the task to haul the first 15 miles is calculated: 15 miles x 28 CY = 420 CYM. The quantity for the additional hauling task over the first 15 miles is calculated: 32 total miles less 15 initial miles equals 17 miles x 28 CY = 476 CYM.	
01 74 19 00-0046	CYM Hauling On Paved Roads, First 15 Miles	0.94
01 74 19 00-0047	CYM Hauling On Paved Roads, Miles Over Initial 15 Miles.....	0.63
01 74 19 00-0048	CYM Hauling On Unimproved Roads, First 15 Miles	1.45
01 74 19 00-0049	CYM Hauling On Unimproved Roads, Miles Over Initial 15 Miles	1.13

01 74 23	Final Cleaning <small>(01 74)</small>	
01 74 23 00-0001	Cleaning Of Glass <small>(01 74 23)</small>	
01 74 23 00-0002	CSF Cleaning Of Existing Glass Surfaces	28.31

01 78 Closeout Submittals (01 70)

01 78 23	Operation and Maintenance Data <small>(01 78)</small>	
01 78 23 13	Operation Data <small>(01 78 23)</small>	
	Note: For specification publishing. Review specifications for requirements.	
01 78 23 13-0001	NTE Operation Data	0.00
	Note: For specification publishing. Review specifications for requirements.	

01 78 23 16	Maintenance Data <small>(01 78 23)</small>	
	Note: For specification publishing. Review specifications for requirements.	
01 78 23 16-0001	NTE Maintenance Data.....	0.00
	Note: For specification publishing. Review specifications for requirements.	

01 78 33	Bonds <small>(01 78)</small>	
	Note: For specification publishing. Review specifications for requirements.	
01 78 33 00-0001	NTE Bonds	0.00
	Note: For specification publishing. Review specifications for requirements.	

01 78 36	Warranties <small>(01 78)</small>	
	Note: For specification publishing. Review specifications for requirements.	
01 78 36 00-0001	NTE Warranties	0.00
	Note: For specification publishing. Review specifications for requirements.	

01 78 39	Project Record Documents <small>(01 78)</small>	
	Note: For specification publishing. Review specifications for requirements.	
01 78 39 00-0001	NTE Project Record Documents.....	0.00
	Note: For specification publishing. Review specifications for requirements.	

01 79 Demonstration and Training (01 70)

	Note: For specification publishing. Review specifications for requirements.	
01 79 00 00-0001	NTE Demonstration and Training	0.00
	Note: For specification publishing. Review specifications for requirements.	

01	01	General Requirements
	01 70	Execution and Closeout Requirements
	01 79	Demonstration and Training



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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END OF SECTION 01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 Existing Conditions

02 20 Assessment ⁽⁰²⁾

02 25 Existing Material Assessment ^(02 20)

02 25 16 Existing Concrete, Masonry or Asphalt Assessment ^(02 25)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 25 16 13 Concrete Assessment Drilling ^(02 25 16)

See CSI section 01 71 36 00-0000 for non-destructive concrete examination.

02 30 Subsurface Investigation ⁽⁰²⁾

02 32 Geotechnical Investigations ^(02 30)

02 32 13 Subsurface Drilling and Sampling ^(02 32)

See CSI section 01 45 23 00-0000 for testing and lab reports.

02 32 13 00-0001 Mobilization Of Drilling Crew ^(02 32 13)

02 32 13 00-0002 EA Mobilization Of Drilling Crew 1,128.90

02 32 13 00-0003 Auger Borings ^(02 32 13)

02 32 13 00-0004 LF Standard Auger Hole With Split Spoon Sample At 5' Intervals 33.99

02 32 13 00-0005 Cased Borings In Earth, With Samples ^(02 32 13)

Note: All types of soils.

02 32 13 00-0006 LF 2-1/2" Diameter Cased Borings In Earth, With Samples 90.10

02 32 13 00-0007 LF 4" Diameter Cased Borings In Earth, With Samples 154.09

02 32 13 00-0008 Drilling In Rock, BW Core (2.125") ^(02 32 13)

02 32 13 00-0009 LF Drill In Rock, BW Core, With Casing 94.89

Note: Includes sampling.

02 32 13 00-0010 EA Drill In Rock, With BW Core Boxes 9.11

02 32 13 00-0011 Drilling In Rock, NW Core (2.98") ^(02 32 13)

02 32 13 00-0012 LF Drill In Rock, NW Core, With Casing 122.81

Note: Includes sampling.

02 32 13 00-0013 EA Drill In Rock, With NW Core Boxes 10.48

02 32 13 00-0014 Test Pits For Boring Activities ^(02 32 13)

Note: Excludes backfill. See CSI section 31 23 16 36-0016 for backfill.

02 32 13 00-0015 Backhoe Dug Test Pits ^(02 32 13 00-0014)

02 32 13 00-0016 CY Excavation For Test Pit, Light Material, Backhoe Excavation 66.48

02 32 13 00-0017 CY Excavation For Test Pits, Medium Material, Backhoe Excavation 77.57

02 32 13 00-0018 CY Excavation For Test Pit, Heavy Material, Backhoe Excavation 103.41

02 32 13 00-0019 Hand-Dug Test Pits ^(02 32 13 00-0014)

02 32 13 00-0020 CY Excavation For Test Pit, Light Soil, Hand Excavation 182.63

02 32 13 00-0021 CY Excavation For Test Pit, Heavy Soil, Hand Excavation 328.74

02 32 13 00-0022 Shelby Tube Sampling ^(02 32 13)

02 32 13 00-0023 EA Shelby Tube Sampling 53.09

02 32 13 00-0024 EA Penetration Test 43.26

02 32 13 00-0025 Grouting ^(02 32 13)

02 32 13 00-0026 VLF Boreholes 10.07

02 32 19 Exploratory Excavations ^(02 32)

02 32 19 00-0001 Hydro Excavation ^(02 32 19)

Note: Assumes on-site disposal.

02 32 19 00-0002 EA Hydro Excavation, Mobilization/Demobilization 166.85

02 32 19 00-0003 EA Hydro Excavation, Minimum Charge 667.40

Note: For projects where the total charge is less than the "Hydro Excavation Minimum" cost, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.

02 32 19 00-0004 CY Hydro Excavation, Normal Soil Conditions (Hydro-Vac Truck) 37.07

Note: Normal soil conditions consist of silt, sand and gravel.

02 32 19 00-0005 CY Hydro Excavation, Adverse Soil Conditions (Hydro-Vac Truck) 59.32

Note: Adverse soil conditions consist of clay, glacial till and rocks.

02 Existing Conditions**02 30 Subsurface Investigation****02 32 Geotechnical Investigations**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
02 40 Demolition and Structure Moving⁽⁰²⁾**02 41 Demolition**⁽⁰²⁻⁴⁰⁾**02 41 13 Selective Site Demolition**^(02 41)**02 41 13 13 Paving Removal**^(02 41 13)**02 41 13 13-0001 By Machine, Break-up And Leave In Place Bituminous And Concrete Paving**^(02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0018 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0002	SY	Up To 3" By Machine, Break-up And Leave In Place Bituminous Paving	7.06
		<i>For >500 To 1,000, Deduct</i>	-0.71
		<i>For >1,000 To 2,500, Deduct</i>	-1.27
		<i>For Of 2500 To 5000 SY, Deduct</i>	-1.84
		<i>For Of 5000 To 10000 SY, Deduct</i>	-2.40
		<i>For >10,000, Deduct</i>	-2.97
02 41 13 13-0003	SY	>3" To 6" By Machine, Break-up And Leave In Place Bituminous Paving	10.59
		<i>For >500 To 1,000, Deduct</i>	-1.06
		<i>For >1,000 To 2,500, Deduct</i>	-1.91
		<i>For Of 2500 To 5000 SY, Deduct</i>	-2.75
		<i>For Of 5000 To 10000 SY, Deduct</i>	-3.60
		<i>For >10,000, Deduct</i>	-4.45
02 41 13 13-0004	SY	>6" To 9" By Machine, Break-up And Leave In Place Bituminous Paving	14.13
		<i>For >500 To 1,000, Deduct</i>	-1.41
		<i>For >1,000 To 2,500, Deduct</i>	-2.54
		<i>For Of 2500 To 5000 SY, Deduct</i>	-3.67
		<i>For Of 5000 To 10000 SY, Deduct</i>	-4.80
		<i>For >10,000, Deduct</i>	-5.93
02 41 13 13-0005	SY	Up To 3" By Machine, Break-up And Leave In Place Concrete Paving	13.75
		<i>For >500 To 1,000, Deduct</i>	-1.38
		<i>For >1,000 To 2,500, Deduct</i>	-2.48
		<i>For Of 2500 To 5000 SY, Deduct</i>	-3.58
		<i>For Of 5000 To 10000 SY, Deduct</i>	-4.68
		<i>For >10,000, Deduct</i>	-5.78
02 41 13 13-0006	SY	>3" To 6" By Machine, Break-up And Leave In Place Concrete Paving	19.41
		<i>For >500 To 1,000, Deduct</i>	-1.94
		<i>For >1,000 To 2,500, Deduct</i>	-3.49
		<i>For Of 2500 To 5000 SY, Deduct</i>	-5.05
		<i>For Of 5000 To 10000 SY, Deduct</i>	-6.60
		<i>For >10,000, Deduct</i>	-8.15
02 41 13 13-0007	SY	>6" To 9" By Machine, Break-up And Leave In Place Concrete Paving	27.49
		<i>For >500 To 1,000, Deduct</i>	-2.75
		<i>For >1,000 To 2,500, Deduct</i>	-4.95
		<i>For Of 2500 To 5000 SY, Deduct</i>	-7.15
		<i>For Of 5000 To 10000 SY, Deduct</i>	-9.35
		<i>For >10,000, Deduct</i>	-11.55
02 41 13 13-0008	SY	>9" To 14" By Machine, Break-up And Leave In Place Concrete Paving	38.81
		<i>For >500 To 1,000, Deduct</i>	-3.88
		<i>For >1,000 To 2,500, Deduct</i>	-6.99
		<i>For Of 2500 To 5000 SY, Deduct</i>	-10.09
		<i>For Of 5000 To 10000 SY, Deduct</i>	-13.20
		<i>For >10,000, Deduct</i>	-16.30
02 41 13 13-0009	SY	>14" To 19" By Machine, Break-up And Leave In Place Concrete Paving	50.75
		<i>For >500 To 1,000, Deduct</i>	-5.08
		<i>For >1,000 To 2,500, Deduct</i>	-9.14
		<i>For Of 2500 To 5000 SY, Deduct</i>	-13.20
		<i>For Of 5000 To 10000 SY, Deduct</i>	-17.26
		<i>For >10,000, Deduct</i>	-21.32
02 41 13 13-0010	SY	>19" To 24" By Machine, Break-up And Leave In Place Concrete Paving	65.98
		<i>For >500 To 1,000, Deduct</i>	-6.60
		<i>For >1,000 To 2,500, Deduct</i>	-11.88
		<i>For Of 2500 To 5000 SY, Deduct</i>	-17.15
		<i>For Of 5000 To 10000 SY, Deduct</i>	-22.43
		<i>For >10,000, Deduct</i>	-27.71

02 41 13 13-0011 By Hand, Break-up And Leave In Place Bituminous And Concrete Paving^(02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles with jackhammer and hand tools. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. These tasks are not to be used in conjunction with any other loading activities or other break-up tasks. Excludes saw cutting (where required) and disposal. See CSI section 02 41 13 13-0038 for breaking-up, removal and loading as a combined operation, 02 41 19 13-0001 for saw cutting.

02 41 13 13-0012	SF	Up To 3" By Hand, Break-up And Leave In Place Bituminous Paving	1.69
02 41 13 13-0013	SF	>3" To 6" By Hand, Break-up And Leave In Place Bituminous Paving	2.15
02 41 13 13-0014	SF	>6" To 9" By Hand, Break-up And Leave In Place Bituminous Paving	2.84
02 41 13 13-0015	SF	Up To 3" By Hand, Break-up And Leave In Place Concrete Paving	2.12
02 41 13 13-0016	SF	>3" To 6" By Hand, Break-up And Leave In Place Concrete Paving	2.70
02 41 13 13-0017	SF	>6" To 9" By Hand, Break-up And Leave In Place Concrete Paving	3.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0018 By Machine, Break-up And Remove Bituminous And Concrete Paving (02 41 13 ¹³⁾ Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles, breaking into manageable sizes by machine and loading into truck, dumpster or moving material to stockpile. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 13 13-0019 SY Up To 3" By Machine, Break-up And Remove Bituminous Paving	15.34	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	4.60	
Note: (Around Existing Structures And Obstructions), Add		
For Elevated Slab, Add	7.67	
For >500 To 1,000, Deduct	-1.53	
For >1,000 To 2,500, Deduct	-2.76	
For Of 2500 To 5000 SY, Deduct	-3.99	
For Of 5000 To 10000 SY, Deduct	-5.22	
For >10,000, Deduct	-6.44	
02 41 13 13-0020 SY >3" To 6" By Machine, Break-up And Remove Bituminous Paving	20.95	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.29	
Note: (Around Existing Structures And Obstructions), Add		
For Elevated Slab, Add	10.48	
For >500 To 1,000, Deduct	-2.10	
For >1,000 To 2,500, Deduct	-3.77	
For Of 2500 To 5000 SY, Deduct	-5.45	
For Of 5000 To 10000 SY, Deduct	-7.12	
For >10,000, Deduct	-8.80	
02 41 13 13-0021 SY >6" To 9" By Machine, Break-up And Remove Bituminous Paving	29.07	
For Elevated Slab, Add	14.54	
For >500 To 1,000, Deduct	-2.91	
For >1,000 To 2,500, Deduct	-5.23	
For Of 2500 To 5000 SY, Deduct	-7.56	
For Of 5000 To 10000 SY, Deduct	-9.88	
For >10,000, Deduct	-12.21	
02 41 13 13-0022 SY >9" To 12" By Machine, Break-up And Remove Bituminous Paving	37.92	
For Elevated Slab, Add	18.96	
For >500 To 1,000, Deduct	-3.79	
For >1,000 To 2,500, Deduct	-6.83	
For Of 2500 To 5000 SY, Deduct	-9.86	
For Of 5000 To 10000 SY, Deduct	-12.89	
For >10,000, Deduct	-15.93	
02 41 13 13-0023 SY >12" To 15" By Machine, Break-up And Remove Bituminous Paving	52.78	
For Elevated Slab, Add	26.39	
For >500 To 1,000, Deduct	-5.28	
For >1,000 To 2,500, Deduct	-9.50	
For Of 2500 To 5000 SY, Deduct	-13.72	
For Of 5000 To 10000 SY, Deduct	-17.95	
For >10,000, Deduct	-22.17	
02 41 13 13-0024 SY >15" To 18" By Machine, Break-up And Remove Bituminous Paving	72.58	
For Elevated Slab, Add	36.29	
For >500 To 1,000, Deduct	-7.26	
For >1,000 To 2,500, Deduct	-13.06	
For Of 2500 To 5000 SY, Deduct	-18.87	
For Of 5000 To 10000 SY, Deduct	-24.68	
For >10,000, Deduct	-30.48	
02 41 13 13-0025 SY Up To 3" By Machine, Break-up And Remove Non-Reinforced Concrete Paving	17.65	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	5.30	
Note: (Around Existing Structures And Obstructions), Add		
For Elevated Slab, Add	8.83	
For >500 To 1,000, Deduct	-1.77	
For >1,000 To 2,500, Deduct	-3.18	
For Of 2500 To 5000 SY, Deduct	-4.59	
For Of 5000 To 10000 SY, Deduct	-6.00	
For >10,000, Deduct	-7.41	
02 41 13 13-0026 SY >3" To 6" By Machine, Break-up And Remove Non-Reinforced Concrete Paving.....	23.09	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	6.93	
Note: (Around Existing Structures And Obstructions), Add		
For Elevated Slab, Add	11.55	
For >500 To 1,000, Deduct	-2.31	
For >1,000 To 2,500, Deduct	-4.16	
For Of 2500 To 5000 SY, Deduct	-6.00	
For Of 5000 To 10000 SY, Deduct	-7.85	
For >10,000, Deduct	-9.70	
02 41 13 13-0027 SY >6" To 9" By Machine, Break-up And Remove Non-Reinforced Concrete Paving.....	41.24	
For Elevated Slab, Add	20.62	
For >500 To 1,000, Deduct	-4.12	
For >1,000 To 2,500, Deduct	-7.42	
For Of 2500 To 5000 SY, Deduct	-10.72	
For Of 5000 To 10000 SY, Deduct	-14.02	
For >10,000, Deduct	-17.32	
02 41 13 13-0028 SY >9" To 14" By Machine, Break-up And Remove Non-Reinforced Concrete Paving.....	53.87	
For Elevated Slab, Add	26.94	
For >500 To 1,000, Deduct	-5.39	
For >1,000 To 2,500, Deduct	-9.70	
For Of 2500 To 5000 SY, Deduct	-14.01	
For Of 5000 To 10000 SY, Deduct	-18.32	
For >10,000, Deduct	-22.63	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0029 SY Up To 3" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	23.42	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	7.03	
Note: (Around Existing Structures And Obstructions), Add		
For Elevated Slab, Add	11.71	
For >500 To 1,000, Deduct	-2.34	
For >1,000 To 2,500, Deduct	-4.22	
For Of 2500 To 5000 SY, Deduct	-6.09	
For Of 5000 To 10000 SY, Deduct	-7.96	
For >10,000, Deduct	-9.84	
02 41 13 13-0030 SY >3" To 6" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	30.35	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	9.11	
Note: (Around Existing Structures And Obstructions), Add		
For Elevated Slab, Add	15.18	
For >500 To 1,000, Deduct	-3.04	
For >1,000 To 2,500, Deduct	-5.46	
For Of 2500 To 5000 SY, Deduct	-7.89	
For Of 5000 To 10000 SY, Deduct	-10.32	
For >10,000, Deduct	-12.75	
02 41 13 13-0031 SY >6" To 9" By Machine, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	50.31	
For Additional Cost Of Hand Held Equipment Usage (Around Existing Structures And Obstructions), Add	15.09	
Note: (Around Existing Structures And Obstructions), Add		
For Elevated Slab, Add	25.16	
For >500 To 1,000, Deduct	-5.03	
For >1,000 To 2,500, Deduct	-9.06	
For Of 2500 To 5000 SY, Deduct	-13.08	
For Of 5000 To 10000 SY, Deduct	-17.11	
For >10,000, Deduct	-21.13	
02 41 13 13-0032 SY Up To 3" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	25.41	
For Elevated Slab, Add	12.71	
For >500 To 1,000, Deduct	-2.54	
For >1,000 To 2,500, Deduct	-4.57	
For Of 2500 To 5000 SY, Deduct	-6.61	
For Of 5000 To 10000 SY, Deduct	-8.64	
For >10,000, Deduct	-10.67	
02 41 13 13-0033 SY >3" To 6" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	32.66	
For Elevated Slab, Add	16.33	
For >500 To 1,000, Deduct	-3.27	
For >1,000 To 2,500, Deduct	-5.88	
For Of 2500 To 5000 SY, Deduct	-8.49	
For Of 5000 To 10000 SY, Deduct	-11.10	
For >10,000, Deduct	-13.72	
02 41 13 13-0034 SY >6" To 9" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	58.39	
For Elevated Slab, Add	29.20	
For >500 To 1,000, Deduct	-5.84	
For >1,000 To 2,500, Deduct	-10.51	
For Of 2500 To 5000 SY, Deduct	-15.18	
For Of 5000 To 10000 SY, Deduct	-19.85	
For >10,000, Deduct	-24.52	
02 41 13 13-0035 SY >9" To 14" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	76.21	
For Elevated Slab, Add	38.11	
For >500 To 1,000, Deduct	-7.62	
For >1,000 To 2,500, Deduct	-13.72	
For Of 2500 To 5000 SY, Deduct	-19.81	
For Of 5000 To 10000 SY, Deduct	-25.91	
For >10,000, Deduct	-32.01	
02 41 13 13-0036 SY >14" To 19" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	99.63	
For Elevated Slab, Add	49.82	
For >500 To 1,000, Deduct	-9.96	
For >1,000 To 2,500, Deduct	-17.93	
For Of 2500 To 5000 SY, Deduct	-25.90	
For Of 5000 To 10000 SY, Deduct	-33.87	
For >10,000, Deduct	-41.84	
02 41 13 13-0037 SY >19" To 24" By Machine, Break-up And Remove Rod Reinforced Concrete Paving.....	120.90	
For Elevated Slab, Add	60.45	
For >500 To 1,000, Deduct	-12.09	
For >1,000 To 2,500, Deduct	-21.76	
For Of 2500 To 5000 SY, Deduct	-31.43	
For Of 5000 To 10000 SY, Deduct	-41.11	
For >10,000, Deduct	-50.78	

02 41 13 13-0038 By Hand, Break-up And Remove Bituminous And Concrete Paving (02 41 13 13)

Note: Includes slabs, pavements, sidewalks and base courses. Includes work around obstacles. Work includes breaking into manageable size with jackhammer and hand tools, removal and loading onto a truck or dumpster. For individual work areas where conventional equipment access is limited or prohibited. Task is only to be used when requested by owner. Excludes saw cutting (where required) and disposal. See CSI section 02 41 19 13-0001 for saw cutting.

02 41 13 13-0039 SF Up To 3" By Hand, Break-up And Remove Bituminous Paving.....	3.78	
02 41 13 13-0040 SF >3" To 6" By Hand, Break-up And Remove Bituminous Paving.....	4.97	
02 41 13 13-0041 SF >6" To 9" By Hand, Break-up And Remove Bituminous Paving.....	6.47	
02 41 13 13-0042 SF Up To 3" By Hand, Break-up And Remove Concrete Paving.....	4.73	
02 41 13 13-0043 SF >3" To 6" By Hand, Break-up And Remove Concrete Paving.....	6.53	
02 41 13 13-0044 SF >6" To 9" By Hand, Break-up And Remove Concrete Paving.....	8.36	
02 41 13 13-0045 SF Up To 3" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	6.62	
02 41 13 13-0046 SF >3" To 6" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	9.13	
02 41 13 13-0047 SF >6" To 9" By Hand, Break-up And Remove Welded Wire Reinforced Concrete Paving.....	11.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 13 13-0048 Grind Concrete <small>(02 41 13 13)</small>		
02 41 13 13-0049 EA Grind Existing Sidewalks, Up To 1/2" Depth, To Remove Ridges (Tripping Hazard).....	225.54	
<i>Note: For each location up to 5' wide, feather up to 12" each direction.</i>		
<i>For >1/2" To 1" Depth Of Grinding, Add</i>		33.83
<i>For >1" To 1-1/2" Depth Of Grinding, Add</i>		56.39
<i>For Up To 5, Add</i>		45.11
<i>For >5 To 10, Add</i>		22.55
<i>For >25 To 50, Deduct</i>		-22.55
<i>For >50 To 250, Deduct</i>		-33.83
<i>For >250, Deduct</i>		-45.11
<i>For Sidewalks >5', Add</i>		22.55
<i>For Up To 12" Additional Feathering Per Side, Add</i>		22.55
02 41 13 15 Hydro Demolition <small>(02 41 13)</small>		
02 41 13 15-0001 Hydro Demolition Of Concrete Pavement <small>(02 41 13 15)</small>		
<i>Note: Includes removal but excludes disposal of concrete.</i>		
02 41 13 15-0002 SF Up To 2" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....		7.44
02 41 13 15-0003 SF >2" To 4" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....		9.30
02 41 13 15-0004 SF >4" To 6" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....		12.43
02 41 13 15-0005 SF >6" To 8" Depth, Hydro Demolition, Using 40,000 PSI Water Jet.....		24.76
02 41 16 Structure Demolition <small>(02 41)</small>		
02 41 16 13 Building Demolition <small>(02 41 16)</small>		
02 41 16 13-0001 Building Interior Demolition <small>(02 41 16 13)</small>		
<i>Note: Gutted and placed in truck or dumpsters. Based on overall floor area square foot or Gross Square Foot (GSF) including flooring under interior demolished walls. Includes all soft stripping of materials (doors and frames, non-load bearing walls, carpet, moldings, drywall, tile, ceiling, ductwork, piping, light fixtures, etc.), accessible mechanical, electrical, plumbing, overhead sprinkler, fire protection and similar systems. Excludes lead, asbestos or other contaminates or load bearing walls, mechanical, plumbing or electrical equipment such as furnaces, water heaters, plumbing fixtures, sump pumps, switchgear or panel boards. Excludes hauling, dump fees, recycling charges, and/or salvage value.</i>		
02 41 16 13-0002 GSF Residential Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		7.44
02 41 16 13-0003 GSF Up To 2,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck.....		11.26
02 41 16 13-0004 GSF >2,000 To 10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		9.21
02 41 16 13-0005 GSF >10,000 SF Commercial Building Interior Demolition, Gutting And Placing Into Dumpster Or Truck		8.19
02 41 16 13-0006 Commercial And Residential Structures Demolition <small>(02 41 16 13)</small>		
<i>Note: Complete demolition of structures. Includes site and building safety preparation, signage, dust control, scattered debris and other site clean-up, demolition equipment, and repair of any damaged adjacent property. Excludes (if required) utility disconnects and capping, underground or above ground storage tank removal, adjacent property protection, adjacent property cleanup, adjacent property work, site paving (asphalt or concrete), recycling fees, gutting/soft stripping (selective removal of materials for reuse) of building, site security, hazardous material abatement (including lead, asbestos, and PCBs), surveys, clearing and grubbing of site, cranes, traffic control, elevator removal, major mechanical equipment such as boilers, chillers, cooling towers, Etc., excavation or backfill, foundations, basement floor, slab-on grade, temporary fencing (installation and removal), hauling, disposal and dump fees for all debris (site and building), earthwork and erosion control. Pricing is by Hundred Cubic Foot (CCF) of complete building volume being demolished. For computing building volume, height is computed at actual floor-to-floor dimensions with attic and basement each computed at half-height, width and length are actual dimensions. Excludes salvage value.</i>		
02 41 16 13-0007 Steel Framed Building Demolition <small>(02 41 16 13-0006)</small>		
<i>Note: Includes masonry partitions and concrete decks.</i>		
02 41 16 13-0008 CCF By Pneumatic Tools/Hand, Steel Framed Building Demolition		70.98
<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>		-5.32
<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>		-10.65
<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>		-15.97
<i>For Up To 500, Add</i>		21.29
<i>For >500 To 1,000, Add</i>		14.20
<i>For >1,000 To 2,000, Add</i>		7.10
<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>		23.42
<i>For No Interior Partitions, Deduct</i>		-17.75
02 41 16 13-0009 CCF By Machine, Steel Framed Building Demolition		45.02
<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>		-3.38
<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>		-6.75
<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>		-10.13
<i>For Up To 500, Add</i>		13.51
<i>For >500 To 1,000, Add</i>		9.00
<i>For >1,000 To 2,000, Add</i>		4.50
<i>For Work >3 Stories To 6 Stories (Exclude Volume Below), Add</i>		6.75
<i>For Work >6 Stories To 10 Stories (Exclude Volume Below), Add</i>		11.26
<i>For Work >10 Stories To 15 Stories (Exclude Volume Below), Add</i>		15.76
<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>		14.86
<i>For No Interior Partitions, Deduct</i>		-11.26
02 41 16 13-0010 Reinforced Concrete Building Demolition <small>(02 41 16 13-0006)</small>		

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0011	CCF		By Pneumatic Tools/Hand, Reinforced Concrete Building Demolition	89.07	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-6.68	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-13.36	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-20.04	
			<i>For Up To 500, Add</i>	26.72	
			<i>For >500 To 1,000, Add</i>	17.81	
			<i>For >1,000 To 2,000, Add</i>	8.91	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	29.39	
			<i>For No Interior Partitions, Deduct</i>	-22.27	
02 41 16 13-0012	CCF		By Machine, Reinforced Concrete Building Demolition	59.45	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-4.46	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-8.92	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-13.38	
			<i>For Up To 500, Add</i>	17.84	
			<i>For >500 To 1,000, Add</i>	11.89	
			<i>For >1,000 To 2,000, Add</i>	5.95	
			<i>For Work >3 Stories To 6 Stories (Exclude Volume Below), Add</i>	8.92	
			<i>For Work >6 Stories To 10 Stories (Exclude Volume Below), Add</i>	14.86	
			<i>For Work >10 Stories To 15 Stories (Exclude Volume Below), Add</i>	20.81	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	19.62	
			<i>For No Interior Partitions, Deduct</i>	-14.86	
02 41 16 13-0013			Masonry Construction Building Demolition (02 41 16 13-0006)	62.59	
02 41 16 13-0014	CCF		By Pneumatic Tools/Hand, Masonry Construction Building Demolition	62.59	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-4.69	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-9.39	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-14.08	
			<i>For Up To 500, Add</i>	18.78	
			<i>For >500 To 1,000, Add</i>	12.52	
			<i>For >1,000 To 2,000, Add</i>	6.26	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	20.65	
			<i>For No Interior Partitions, Deduct</i>	-15.65	
02 41 16 13-0015	CCF		By Machine, Masonry Construction Building Demolition	40.39	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-3.03	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-6.06	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-9.09	
			<i>For Up To 500, Add</i>	12.12	
			<i>For >500 To 1,000, Add</i>	8.08	
			<i>For >1,000 To 2,000, Add</i>	4.04	
			<i>For Work >3 Stories To 6 Stories (Exclude Volume Below), Add</i>	6.06	
			<i>For Work >6 Stories To 10 Stories (Exclude Volume Below), Add</i>	10.10	
			<i>For Work >10 Stories To 15 Stories (Exclude Volume Below), Add</i>	14.14	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	13.33	
			<i>For No Interior Partitions, Deduct</i>	-10.10	
02 41 16 13-0016			Wood Frame Construction Building Demolition (02 41 16 13-0006)	54.40	
02 41 16 13-0017	CCF		By Pneumatic Tools/Hand, Wood Frame Construction Building Demolition	54.40	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-4.08	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-8.16	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-12.24	
			<i>For Up To 500, Add</i>	16.32	
			<i>For >500 To 1,000, Add</i>	10.88	
			<i>For >1,000 To 2,000, Add</i>	5.44	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	17.95	
			<i>For No Interior Partitions, Deduct</i>	-13.60	
02 41 16 13-0018	CCF		By Machine, Wood Frame Construction Building Demolition	34.57	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >12' To 15', Deduct</i>	-2.59	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >15' To 18', Deduct</i>	-5.19	
			<i>For Floor-To-Floor (Or Floor-To-Structure) Heights >18' To 21', Deduct</i>	-7.78	
			<i>For Up To 500, Add</i>	10.37	
			<i>For >500 To 1,000, Add</i>	6.91	
			<i>For >1,000 To 2,000, Add</i>	3.46	
			<i>For Work >3 Stories To 6 Stories (Exclude Volume Below), Add</i>	5.19	
			<i>For Volume Of Area Within 15' To An Adjacent Building, Add</i>	11.41	
			<i>For No Interior Partitions, Deduct</i>	-8.64	
02 41 16 13-0019			Sorting Of Material Debris For Recycling Prior To Hauling Off (02 41 16 13-0006)	9.03	
			Note: Per building volume.		
02 41 16 13-0020	CCF		Sorting Of Material Debris For Recycling Prior To Hauling Off	9.03	
			<i>For Up To 500, Add</i>	2.71	
			<i>For >500 To 1,000, Add</i>	1.81	
			<i>For >1,000 To 2,000, Add</i>	0.90	
02 41 16 13-0021			Foundation Demolition (02 41 16 13)		
			Note: Excludes earthwork.		
02 41 16 13-0022			Concrete Foundation Demolition (02 41 16 13-0021)	14.32	
02 41 16 13-0023	CF		Non-Reinforced Concrete Foundation Demolition	14.32	
			<i>For >135 To 405, Deduct</i>	-1.25	
			<i>For >405 To 810, Deduct</i>	-2.51	
			<i>For >810 To 2025, Deduct</i>	-3.58	
			<i>For >2025, Deduct</i>	-5.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0024 CF Reinforced Concrete Foundation Demolition	17.18	
<i>For >135 To 405, Deduct</i>	-1.50	
<i>For >405 To 810, Deduct</i>	-3.01	
<i>For >810 To 2025, Deduct</i>	-4.30	
<i>For >2025, Deduct</i>	-6.87	
02 41 16 13-0025 Concrete Foundation Wall Demolition <small>(02 41 16 13-0021)</small>		
02 41 16 13-0026 SF 4" Thick Non-Reinforced Concrete Foundation Wall Demolition	6.13	
<i>For >500 To 2,000, Deduct</i>	-0.46	
<i>For >2,000 To 6,000, Deduct</i>	-1.23	
<i>For >6,000 To 8,000, Deduct</i>	-2.15	
<i>For >8,000, Deduct</i>	-3.37	
02 41 16 13-0027 SF 6" Thick Non-Reinforced Concrete Foundation Wall Demolition	8.18	
<i>For >500 To 2,000, Deduct</i>	-0.61	
<i>For >2,000 To 6,000, Deduct</i>	-1.64	
<i>For >6,000 To 8,000, Deduct</i>	-2.86	
<i>For >8,000, Deduct</i>	-4.50	
02 41 16 13-0028 SF 8" Thick Non-Reinforced Concrete Foundation Wall Demolition	10.23	
<i>For >500 To 2,000, Deduct</i>	-0.77	
<i>For >2,000 To 6,000, Deduct</i>	-2.05	
<i>For >6,000 To 8,000, Deduct</i>	-3.58	
<i>For >8,000, Deduct</i>	-5.63	
02 41 16 13-0029 SF 10" Thick Non-Reinforced Concrete Foundation Wall Demolition	12.28	
<i>For >500 To 2,000, Deduct</i>	-0.92	
<i>For >2,000 To 6,000, Deduct</i>	-2.46	
<i>For >6,000 To 8,000, Deduct</i>	-4.30	
<i>For >8,000, Deduct</i>	-6.75	
02 41 16 13-0030 SF 12" Thick Non-Reinforced Concrete Foundation Wall Demolition	14.32	
<i>For >500 To 2,000, Deduct</i>	-1.07	
<i>For >2,000 To 6,000, Deduct</i>	-2.86	
<i>For >6,000 To 8,000, Deduct</i>	-5.01	
<i>For >8,000, Deduct</i>	-7.88	
02 41 16 13-0031 SF 16" Thick Non-Reinforced Concrete Foundation Wall Demolition	16.36	
<i>For >500 To 2,000, Deduct</i>	-1.23	
<i>For >2,000 To 6,000, Deduct</i>	-3.27	
<i>For >6,000 To 8,000, Deduct</i>	-5.73	
<i>For >8,000, Deduct</i>	-9.00	
02 41 16 13-0032 SF 4" Thick Reinforced Concrete Foundation Wall Demolition	7.37	
<i>For >500 To 2,000, Deduct</i>	-0.55	
<i>For >2,000 To 6,000, Deduct</i>	-1.47	
<i>For >6,000 To 8,000, Deduct</i>	-2.58	
<i>For >8,000, Deduct</i>	-4.05	
02 41 16 13-0033 SF 6" Thick Reinforced Concrete Foundation Wall Demolition	9.82	
<i>For >500 To 2,000, Deduct</i>	-0.74	
<i>For >2,000 To 6,000, Deduct</i>	-1.96	
<i>For >6,000 To 8,000, Deduct</i>	-3.44	
<i>For >8,000, Deduct</i>	-5.40	
02 41 16 13-0034 SF 8" Thick Reinforced Concrete Foundation Wall Demolition	12.28	
<i>For >500 To 2,000, Deduct</i>	-0.92	
<i>For >2,000 To 6,000, Deduct</i>	-2.46	
<i>For >6,000 To 8,000, Deduct</i>	-4.30	
<i>For >8,000, Deduct</i>	-6.75	
02 41 16 13-0035 SF 10" Thick Reinforced Concrete Foundation Wall Demolition	14.53	
<i>For >500 To 2,000, Deduct</i>	-1.09	
<i>For >2,000 To 6,000, Deduct</i>	-2.91	
<i>For >6,000 To 8,000, Deduct</i>	-5.09	
<i>For >8,000, Deduct</i>	-7.99	
02 41 16 13-0036 SF 12" Thick Reinforced Concrete Foundation Wall Demolition	17.18	
<i>For >500 To 2,000, Deduct</i>	-1.29	
<i>For >2,000 To 6,000, Deduct</i>	-3.44	
<i>For >6,000 To 8,000, Deduct</i>	-6.01	
<i>For >8,000, Deduct</i>	-9.45	
02 41 16 13-0037 SF 16" Thick Reinforced Concrete Foundation Wall Demolition	19.63	
<i>For >500 To 2,000, Deduct</i>	-1.47	
<i>For >2,000 To 6,000, Deduct</i>	-3.93	
<i>For >6,000 To 8,000, Deduct</i>	-6.87	
<i>For >8,000, Deduct</i>	-10.80	
02 41 16 13-0038 Concrete Block Foundation Wall Demolition <small>(02 41 16 13-0021)</small>		
02 41 16 13-0039 SF 4" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	4.50	
<i>For >500 To 2,000, Deduct</i>	-0.34	
<i>For >2,000 To 6,000, Deduct</i>	-0.90	
<i>For >6,000 To 8,000, Deduct</i>	-1.58	
<i>For >8,000, Deduct</i>	-2.48	
02 41 16 13-0040 SF 6" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	4.80	
<i>For >500 To 2,000, Deduct</i>	-0.36	
<i>For >2,000 To 6,000, Deduct</i>	-0.96	
<i>For >6,000 To 8,000, Deduct</i>	-1.68	
<i>For >8,000, Deduct</i>	-2.64	
02 41 16 13-0041 SF 8" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	5.42	
<i>For >500 To 2,000, Deduct</i>	-0.41	
<i>For >2,000 To 6,000, Deduct</i>	-1.08	
<i>For >6,000 To 8,000, Deduct</i>	-1.90	
<i>For >8,000, Deduct</i>	-2.98	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0042	SF		10" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	6.24	
			<i>For >500 To 2,000, Deduct</i>	-0.47	
			<i>For >2,000 To 6,000, Deduct</i>	-1.25	
			<i>For >6,000 To 8,000, Deduct</i>	-2.18	
			<i>For >8,000, Deduct</i>	-3.43	
02 41 16 13-0043	SF		12" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	6.95	
			<i>For >500 To 2,000, Deduct</i>	-0.52	
			<i>For >2,000 To 6,000, Deduct</i>	-1.39	
			<i>For >6,000 To 8,000, Deduct</i>	-2.43	
			<i>For >8,000, Deduct</i>	-3.82	
02 41 16 13-0044	SF		16" Thick Non-Reinforced Concrete Block Foundation Wall Demolition	8.70	
			<i>For >500 To 2,000, Deduct</i>	-0.65	
			<i>For >2,000 To 6,000, Deduct</i>	-1.74	
			<i>For >6,000 To 8,000, Deduct</i>	-3.05	
			<i>For >8,000, Deduct</i>	-4.79	
02 41 16 13-0045	SF		4" Thick Reinforced Concrete Block Foundation Wall Demolition	5.40	
			<i>For >500 To 2,000, Deduct</i>	-0.41	
			<i>For >2,000 To 6,000, Deduct</i>	-1.08	
			<i>For >6,000 To 8,000, Deduct</i>	-1.89	
			<i>For >8,000, Deduct</i>	-2.97	
02 41 16 13-0046	SF		6" Thick Reinforced Concrete Block Foundation Wall Demolition	5.77	
			<i>For >500 To 2,000, Deduct</i>	-0.43	
			<i>For >2,000 To 6,000, Deduct</i>	-1.15	
			<i>For >6,000 To 8,000, Deduct</i>	-2.02	
			<i>For >8,000, Deduct</i>	-3.17	
02 41 16 13-0047	SF		8" Thick Reinforced Concrete Block Foundation Wall Demolition	6.50	
			<i>For >500 To 2,000, Deduct</i>	-0.49	
			<i>For >2,000 To 6,000, Deduct</i>	-1.30	
			<i>For >6,000 To 8,000, Deduct</i>	-2.28	
			<i>For >8,000, Deduct</i>	-3.58	
02 41 16 13-0048	SF		10" Thick Reinforced Concrete Block Foundation Wall Demolition	7.49	
			<i>For >500 To 2,000, Deduct</i>	-0.56	
			<i>For >2,000 To 6,000, Deduct</i>	-1.50	
			<i>For >6,000 To 8,000, Deduct</i>	-2.62	
			<i>For >8,000, Deduct</i>	-4.12	
02 41 16 13-0049	SF		12" Thick Reinforced Concrete Block Foundation Wall Demolition	8.35	
			<i>For >500 To 2,000, Deduct</i>	-0.63	
			<i>For >2,000 To 6,000, Deduct</i>	-1.67	
			<i>For >6,000 To 8,000, Deduct</i>	-2.92	
			<i>For >8,000, Deduct</i>	-4.59	
02 41 16 13-0050	SF		16" Thick Reinforced Concrete Block Foundation Wall Demolition	10.43	
			<i>For >500 To 2,000, Deduct</i>	-0.78	
			<i>For >2,000 To 6,000, Deduct</i>	-2.09	
			<i>For >6,000 To 8,000, Deduct</i>	-3.65	
			<i>For >8,000, Deduct</i>	-5.74	
02 41 16 13-0051			Brick Foundation Wall Demolition <small>(02 41 16 13-0021)</small>		
02 41 16 13-0052	SF		4" Thick Brick Foundation Wall Demolition	4.50	
			<i>For >500 To 2,000, Deduct</i>	-0.34	
			<i>For >2,000 To 6,000, Deduct</i>	-0.90	
			<i>For >6,000 To 8,000, Deduct</i>	-1.58	
			<i>For >8,000, Deduct</i>	-2.48	
02 41 16 13-0053	SF		6" Thick Brick Foundation Wall Demolition	4.80	
			<i>For >500 To 2,000, Deduct</i>	-0.36	
			<i>For >2,000 To 6,000, Deduct</i>	-0.96	
			<i>For >6,000 To 8,000, Deduct</i>	-1.68	
			<i>For >8,000, Deduct</i>	-2.64	
02 41 16 13-0054	SF		8" Thick Brick Foundation Wall Demolition	5.42	
			<i>For >500 To 2,000, Deduct</i>	-0.41	
			<i>For >2,000 To 6,000, Deduct</i>	-1.08	
			<i>For >6,000 To 8,000, Deduct</i>	-1.90	
			<i>For >8,000, Deduct</i>	-2.98	
02 41 16 13-0055	SF		10" Thick Brick Foundation Wall Demolition	6.24	
			<i>For >500 To 2,000, Deduct</i>	-0.47	
			<i>For >2,000 To 6,000, Deduct</i>	-1.25	
			<i>For >6,000 To 8,000, Deduct</i>	-2.18	
			<i>For >8,000, Deduct</i>	-3.43	
02 41 16 13-0056	SF		12" Thick Brick Foundation Wall Demolition	6.95	
			<i>For >500 To 2,000, Deduct</i>	-0.52	
			<i>For >2,000 To 6,000, Deduct</i>	-1.39	
			<i>For >6,000 To 8,000, Deduct</i>	-2.43	
			<i>For >8,000, Deduct</i>	-3.82	
02 41 16 13-0057	SF		16" Thick Brick Foundation Wall Demolition	8.70	
			<i>For >500 To 2,000, Deduct</i>	-0.65	
			<i>For >2,000 To 6,000, Deduct</i>	-1.74	
			<i>For >6,000 To 8,000, Deduct</i>	-3.05	
			<i>For >8,000, Deduct</i>	-4.79	
02 41 16 13-0058			Stone Foundation Demolition <small>(02 41 16 13-0021)</small>		
02 41 16 13-0059	CF		Stone Footing Or Foundation Wall Demolition	14.32	
			<i>For >135 To 405, Deduct</i>	-1.25	
			<i>For >405 To 810, Deduct</i>	-2.51	
			<i>For >810 To 2025, Deduct</i>	-3.58	
			<i>For >2025, Deduct</i>	-5.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 16 13-0060 Other Foundation Demolition (02 41 16 13-0021)		
02 41 16 13-0061 CF Concrete Footing For Fence, Gate Or Playground Equipment Post, Etc. Demolition.....	15.10	
Note: Includes excavation.		
For >135 To 405, Deduct	-1.32	
For >405 To 810, Deduct	-2.64	
For >810 To 2025, Deduct	-3.78	
For >2025, Deduct	-6.04	
02 41 19 Selective Demolition (02 41)		
02 41 19 13 Selective Building Demolition (02 41 19)		
02 41 19 13-0001 Saw Cutting (02 41 19 13)		
Note: Includes blade wear, water, taping off area, layout, clean-up and mist spray with wet vacuuming for dust control where necessary. For projects where the total saw cutting charge is less than the minimum charge, use task "Saw Cut Minimum Charge" exclusively. Task "Saw Cut Minimum Charge" should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0002 LF Bituminous Paving Up To 4" Depth, Saw Cut.....	2.22	
For Each Additional Pass (Depth To 3"), Add	0.86	
For >250, Deduct	-0.21	
02 41 19 13-0003 LF Brick Masonry Up To 4" Depth, Saw Cut.....	8.38	
For Each Additional Pass (Depth To 3"), Add	3.32	
For >250, Deduct	-0.83	
02 41 19 13-0004 LF Concrete Block Up To 4" Depth, Saw Cut.....	7.57	
For Each Additional Pass (Depth To 3"), Add	2.99	
For >250, Deduct	-0.75	
02 41 19 13-0005 LF Non-Reinforced Concrete Slab Or Paving Up To 4" Depth, Saw Cut.....	2.55	
For Each Additional Pass (Depth To 3"), Add	0.98	
For >250, Deduct	-0.24	
02 41 19 13-0006 LF Welded Wire Reinforced Concrete Slab Up To 4" Depth, Saw Cut.....	3.36	
For Each Additional Pass (Depth To 3"), Add	1.30	
For >250, Deduct	-0.32	
02 41 19 13-0007 LF Rod Reinforced Concrete Slab Up To 4" Depth, Saw Cut.....	5.56	
For Each Additional Pass (Depth To 3"), Add	2.18	
For >250, Deduct	-0.54	
02 41 19 13-0008 LF Plain Concrete Walls Up To 4" Depth, Saw Cut.....	10.72	
For Each Additional Pass (Depth To 3"), Add	4.25	
For >250, Deduct	-1.06	
02 41 19 13-0009 LF Saw Cut Rod Reinforced Concrete Walls Up To 4" Depth.....	14.39	
For Each Additional Pass (Depth To 3"), Add	5.71	
For >250, Deduct	-1.42	
02 41 19 13-0010 LF Concrete And Asphalt Up To 4" Depth, Saw Cut In Streets.....	2.96	
For Each Additional Pass (Depth To 3"), Add	1.06	
For >250, Deduct	-0.26	
02 41 19 13-0011 LF Igneous Stone Pavements Up To 4" Depth, Saw Cut.....	7.59	
For Each Additional Pass (Depth To 3"), Add	3.00	
For >250, Deduct	-0.75	
02 41 19 13-0012 LF Sedimentary Stone Pavements Up To 4" Depth, Saw Cut.....	7.59	
For Each Additional Pass (Depth To 3"), Add	3.00	
For >250, Deduct	-0.75	
02 41 19 13-0013 LF Metamorphic Stone Pavements Up To 4" Depth, Saw Cut.....	7.59	
For Each Additional Pass (Depth To 3"), Add	3.00	
For >250, Deduct	-0.75	
02 41 19 13-0014 LF Terrazzo Stone Pavements Up To 4" Depth, Saw Cut.....	7.59	
For Each Additional Pass (Depth To 3"), Add	3.00	
For >250, Deduct	-0.75	
02 41 19 13-0015 EA Saw Cut Minimum Charge.....	1,057.81	
Note: For projects where the total saw cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0016 Torch Cutting (02 41 19 13)		
Note: Includes grinding edge		
02 41 19 13-0017 LF Up To 1/2", Torch Cut Steel Plate.....	2.92	
02 41 19 13-0018 LF >1/2" To 1" Thick, Torch Cut Steel Plate.....	5.84	
02 41 19 13-0019 LF >1" To 1-1/2" Thick, Torch Cut Steel Plate.....	8.75	
02 41 19 13-0020 LF >1-1/2" To 2" Thick, Torch Cut Steel Plate.....	11.66	
02 41 19 13-0021 LF >2" To 2-1/2" Thick, Torch Cut Steel Plate.....	14.59	
02 41 19 13-0022 LF >2-1/2" To 3" Thick, Torch Cut Steel Plate.....	17.50	
02 41 19 13-0023 EA Torch Cutting Minimum Charge.....	966.54	
Note: For projects where the total torch cutting charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
02 41 19 13-0024 Drilling In Existing Materials (02 41 19 13)		
Note: Includes drill bit wear, water, layout, set-up and clean-up.		
02 41 19 13-0025 Concrete Core Drilling (02 41 19 13-0024)		
02 41 19 13-0026 Up To 4" Thick Concrete Core Drilling (02 41 19 13-0025)		
02 41 19 13-0027 EA Drill 1" Diameter Core In Up To 4" Concrete.....	41.04	
For Horizontal Cores, Add	8.11	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	16.22	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0028 EA Drill 1-1/2" Diameter Core In Up To 4" Concrete	45.53	
For Horizontal Cores, Add	9.01	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	18.01	
02 41 19 13-0029 EA Drill 2" Diameter Core In Up To 4" Concrete.....	50.55	
For Horizontal Cores, Add	10.01	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	20.02	
02 41 19 13-0030 EA Drill 3" Diameter Core In Up To 4" Concrete.....	72.18	
For Horizontal Cores, Add	14.30	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.60	
02 41 19 13-0031 EA Drill 4" Diameter Core In Up To 4" Concrete.....	96.72	
For Horizontal Cores, Add	19.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	38.32	
02 41 19 13-0032 EA Drill 6" Diameter Core In Up To 4" Concrete.....	108.40	
For Horizontal Cores, Add	21.45	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	42.90	
02 41 19 13-0033 EA Drill 8" Diameter Core In Up To 4" Concrete.....	173.17	
For Horizontal Cores, Add	34.32	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	68.64	
02 41 19 13-0034 EA Drill 10" Diameter Core In Up To 4" Concrete.....	216.64	
For Horizontal Cores, Add	42.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	85.80	
02 41 19 13-0035 EA Drill 12" Diameter Core In Up To 4" Concrete.....	252.83	
For Horizontal Cores, Add	50.05	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	100.10	
02 41 19 13-0036 EA Drill 14" Diameter Core In Up To 4" Concrete.....	289.03	
For Horizontal Cores, Add	57.19	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	114.39	
02 41 19 13-0037 EA Drill 18" Diameter Core In Up To 4" Concrete.....	325.63	
For Horizontal Cores, Add	64.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	128.68	
02 41 19 13-0038 >4" To 6" Thick Concrete Core Drilling (02 41 19 13-0025)		
02 41 19 13-0039 EA Drill 1" Diameter Core In >4" To 6" Concrete.....	58.67	
For Horizontal Cores, Add	11.58	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	23.16	
02 41 19 13-0040 EA Drill 1-1/2" Diameter Core In >4" To 6" Concrete.....	65.10	
For Horizontal Cores, Add	12.87	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.73	
02 41 19 13-0041 EA Drill 2" Diameter Core In >4" To 6" Concrete.....	72.26	
For Horizontal Cores, Add	14.30	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.60	
02 41 19 13-0042 EA Drill 3" Diameter Core In >4" To 6" Concrete.....	86.86	
For Horizontal Cores, Add	17.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	34.32	
02 41 19 13-0043 EA Drill 4" Diameter Core In >4" To 6" Concrete.....	108.65	
For Horizontal Cores, Add	21.45	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	42.90	
02 41 19 13-0044 EA Drill 6" Diameter Core In >4" To 6" Concrete.....	144.73	
For Horizontal Cores, Add	28.60	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	57.20	
02 41 19 13-0045 EA Drill 8" Diameter Core In >4" To 6" Concrete.....	216.87	
For Horizontal Cores, Add	42.90	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	85.80	
02 41 19 13-0046 EA Drill 10" Diameter Core In >4" To 6" Concrete.....	253.47	
For Horizontal Cores, Add	50.05	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	100.10	
02 41 19 13-0047 EA Drill 12" Diameter Core In >4" To 6" Concrete.....	289.82	
For Horizontal Cores, Add	57.19	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	114.39	
02 41 19 13-0048 EA Drill 14" Diameter Core In >4" To 6" Concrete.....	326.38	
For Horizontal Cores, Add	64.34	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	128.68	
02 41 19 13-0049 EA Drill 18" Diameter Core In >4" To 6" Concrete.....	363.54	
For Horizontal Cores, Add	71.50	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	142.99	
02 41 19 13-0050 >6" To 8" Thick Concrete Core Drilling (02 41 19 13-0025)		
02 41 19 13-0051 EA Drill 1" Diameter Core In >6" To 8" Concrete.....	64.75	
For Horizontal Cores, Add	12.74	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	25.48	
02 41 19 13-0052 EA Drill 1-1/2" Diameter Core In >6" To 8" Concrete.....	71.84	
For Horizontal Cores, Add	14.16	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	28.32	
02 41 19 13-0053 EA Drill 2" Diameter Core In >6" To 8" Concrete.....	79.70	
For Horizontal Cores, Add	15.73	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	31.46	
02 41 19 13-0054 EA Drill 3" Diameter Core In >6" To 8" Concrete.....	94.39	
For Horizontal Cores, Add	18.59	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	37.18	
02 41 19 13-0055 EA Drill 4" Diameter Core In >6" To 8" Concrete.....	123.43	
For Horizontal Cores, Add	24.31	
For Overhead Ceiling Cores (Where Not Accessible From Above), Add	48.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0056 EA Drill 6" Diameter Core In >6" To 8" Concrete.....	173.94	
<i>For Horizontal Cores, Add</i>	34.32	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	68.64	
02 41 19 13-0057 EA Drill 8" Diameter Core In >6" To 8" Concrete.....	289.16	
<i>For Horizontal Cores, Add</i>	57.19	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.39	
02 41 19 13-0058 EA Drill 10" Diameter Core In >6" To 8" Concrete.....	325.97	
<i>For Horizontal Cores, Add</i>	64.34	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	128.68	
02 41 19 13-0059 EA Drill 12" Diameter Core In >6" To 8" Concrete.....	362.60	
<i>For Horizontal Cores, Add</i>	71.50	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.99	
02 41 19 13-0060 EA Drill 14" Diameter Core In >6" To 8" Concrete.....	399.45	
<i>For Horizontal Cores, Add</i>	78.63	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	157.26	
02 41 19 13-0061 EA Drill 18" Diameter Core In >6" To 8" Concrete.....	437.17	
<i>For Horizontal Cores, Add</i>	85.80	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	171.60	
02 41 19 13-0062 >8" To 10" Thick Concrete Core Drilling <small>(02 41 19 13-0025)</small>		
02 41 19 13-0063 EA Drill 1" Diameter Core In >8" To 10" Concrete.....	76.61	
<i>For Horizontal Cores, Add</i>	15.06	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.12	
02 41 19 13-0064 EA Drill 1-1/2" Diameter Core In >8" To 10" Concrete.....	84.97	
<i>For Horizontal Cores, Add</i>	16.73	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	33.46	
02 41 19 13-0065 EA Drill 2" Diameter Core In >8" To 10" Concrete.....	94.26	
<i>For Horizontal Cores, Add</i>	18.59	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	37.18	
02 41 19 13-0066 EA Drill 3" Diameter Core In >8" To 10" Concrete.....	109.07	
<i>For Horizontal Cores, Add</i>	21.45	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	42.90	
02 41 19 13-0067 EA Drill 4" Diameter Core In >8" To 10" Concrete.....	123.92	
<i>For Horizontal Cores, Add</i>	24.31	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	48.62	
02 41 19 13-0068 EA Drill 6" Diameter Core In >8" To 10" Concrete.....	174.53	
<i>For Horizontal Cores, Add</i>	34.32	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	68.64	
02 41 19 13-0069 EA Drill 8" Diameter Core In >8" To 10" Concrete.....	289.97	
<i>For Horizontal Cores, Add</i>	57.19	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.39	
02 41 19 13-0070 EA Drill 10" Diameter Core In >8" To 10" Concrete.....	327.03	
<i>For Horizontal Cores, Add</i>	64.34	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	128.68	
02 41 19 13-0071 EA Drill 12" Diameter Core In >8" To 10" Concrete.....	363.81	
<i>For Horizontal Cores, Add</i>	71.48	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	142.96	
02 41 19 13-0072 EA Drill 14" Diameter Core In >8" To 10" Concrete.....	401.06	
<i>For Horizontal Cores, Add</i>	78.63	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	157.26	
02 41 19 13-0073 EA Drill 18" Diameter Core In >8" To 10" Concrete.....	439.20	
<i>For Horizontal Cores, Add</i>	85.78	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	171.56	
02 41 19 13-0074 >10" To 12" Thick Concrete Core Drilling <small>(02 41 19 13-0025)</small>		
02 41 19 13-0075 EA Drill 1" Diameter Core In >10" To 12" Concrete.....	82.68	
<i>For Horizontal Cores, Add</i>	16.22	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.43	
02 41 19 13-0076 EA Drill 1-1/2" Diameter Core In >10" To 12" Concrete.....	91.69	
<i>For Horizontal Cores, Add</i>	18.02	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	36.04	
02 41 19 13-0077 EA Drill 2" Diameter Core In >10" To 12" Concrete.....	101.70	
<i>For Horizontal Cores, Add</i>	20.02	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	40.04	
02 41 19 13-0078 EA Drill 3" Diameter Core In >10" To 12" Concrete.....	109.46	
<i>For Horizontal Cores, Add</i>	21.45	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	42.90	
02 41 19 13-0079 EA Drill 4" Diameter Core In >10" To 12" Concrete.....	145.86	
<i>For Horizontal Cores, Add</i>	28.60	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	57.20	
02 41 19 13-0080 EA Drill 6" Diameter Core In >10" To 12" Concrete.....	189.44	
<i>For Horizontal Cores, Add</i>	37.18	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	74.36	
02 41 19 13-0081 EA Drill 8" Diameter Core In >10" To 12" Concrete.....	305.09	
<i>For Horizontal Cores, Add</i>	60.06	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	120.12	
02 41 19 13-0082 EA Drill 10" Diameter Core In >10" To 12" Concrete.....	328.10	
<i>For Horizontal Cores, Add</i>	64.34	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	128.68	
02 41 19 13-0083 EA Drill 12" Diameter Core In >10" To 12" Concrete.....	379.48	
<i>For Horizontal Cores, Add</i>	74.36	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	148.72	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0084			>12" Thick Concrete Core Drilling (02 41 19 13-0025)		
02 41 19 13-0085	IN		Drill 1" Diameter Core In >12" Concrete	10.04	
			<i>For Horizontal Cores, Add</i>	1.98	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.96	
02 41 19 13-0086	IN		Drill 1-1/2" Diameter Core In >12" Concrete	11.14	
			<i>For Horizontal Cores, Add</i>	2.20	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.40	
02 41 19 13-0087	IN		Drill 2" Diameter Core In >12" Concrete	12.37	
			<i>For Horizontal Cores, Add</i>	2.45	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.90	
02 41 19 13-0088	IN		Drill 3" Diameter Core In >12" Concrete	13.58	
			<i>For Horizontal Cores, Add</i>	2.68	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.36	
02 41 19 13-0089	IN		Drill 4" Diameter Core In >12" Concrete	18.11	
			<i>For Horizontal Cores, Add</i>	3.57	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	7.15	
02 41 19 13-0090	IN		Drill 6" Diameter Core In >12" Concrete	23.54	
			<i>For Horizontal Cores, Add</i>	4.65	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	9.30	
02 41 19 13-0091	IN		Drill 8" Diameter Core In >12" Concrete	37.97	
			<i>For Horizontal Cores, Add</i>	7.51	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	15.03	
02 41 19 13-0092	IN		Drill 10" Diameter Core In >12" Concrete	40.91	
			<i>For Horizontal Cores, Add</i>	8.08	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.15	
02 41 19 13-0093	IN		Drill 12" Diameter Core In >12" Concrete	47.15	
			<i>For Horizontal Cores, Add</i>	9.30	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.60	
02 41 19 13-0094			Brick/Concrete Block Core Drilling (02 41 19 13-0024)		
02 41 19 13-0095			Up To 4" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0096	EA		Drill 1" Diameter Core In Up To 4" Brick/Concrete Block	32.94	
			<i>For Horizontal Cores, Add</i>	6.49	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.98	
02 41 19 13-0097	EA		Drill 1-1/2" Diameter Core In Up To 4" Brick/Concrete Block	36.53	
			<i>For Horizontal Cores, Add</i>	7.21	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.41	
02 41 19 13-0098	EA		Drill 2" Diameter Core In Up To 4" Brick/Concrete Block	40.54	
			<i>For Horizontal Cores, Add</i>	8.01	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	16.02	
02 41 19 13-0099	EA		Drill 3" Diameter Core In Up To 4" Brick/Concrete Block	57.88	
			<i>For Horizontal Cores, Add</i>	11.44	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.88	
02 41 19 13-0100	EA		Drill 4" Diameter Core In Up To 4" Brick/Concrete Block	77.55	
			<i>For Horizontal Cores, Add</i>	15.33	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	30.66	
02 41 19 13-0101	EA		Drill 6" Diameter Core In Up To 4" Brick/Concrete Block	86.95	
			<i>For Horizontal Cores, Add</i>	17.16	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.32	
02 41 19 13-0102	EA		Drill 8" Diameter Core In Up To 4" Brick/Concrete Block	138.85	
			<i>For Horizontal Cores, Add</i>	27.46	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	54.91	
02 41 19 13-0103	EA		Drill 10" Diameter Core In Up To 4" Brick/Concrete Block	173.75	
			<i>For Horizontal Cores, Add</i>	34.32	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	68.64	
02 41 19 13-0104	EA		Drill 12" Diameter Core In Up To 4" Brick/Concrete Block	202.78	
			<i>For Horizontal Cores, Add</i>	40.04	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	80.08	
02 41 19 13-0105	EA		Drill 14" Diameter Core In Up To 4" Brick/Concrete Block	231.83	
			<i>For Horizontal Cores, Add</i>	45.75	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	91.51	
02 41 19 13-0106	EA		Drill 18" Diameter Core In Up To 4" Brick/Concrete Block	261.29	
			<i>For Horizontal Cores, Add</i>	51.47	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	102.94	
02 41 19 13-0107			>4" To 6" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0108	EA		Drill 1" Diameter Core In > 4" To 6" Brick/Concrete Block	47.09	
			<i>For Horizontal Cores, Add</i>	9.26	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	18.53	
02 41 19 13-0109	EA		Drill 1-1/2" Diameter Core In > 4" To 6" Brick/Concrete Block	52.23	
			<i>For Horizontal Cores, Add</i>	10.29	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.58	
02 41 19 13-0110	EA		Drill 2" Diameter Core In >4" To 6" Brick/Concrete Block	57.95	
			<i>For Horizontal Cores, Add</i>	11.44	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.87	
02 41 19 13-0111	EA		Drill 3" Diameter Core In >4" To 6" Brick/Concrete Block	69.70	
			<i>For Horizontal Cores, Add</i>	13.73	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	27.46	
02 41 19 13-0112	EA		Drill 4" Diameter Core In >4" To 6" Brick/Concrete Block	87.20	
			<i>For Horizontal Cores, Add</i>	17.16	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0113 EA Drill 6" Diameter Core In >4" To 6" Brick/Concrete Block	116.13	
<i>For Horizontal Cores, Add</i>	22.88	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	45.76	
02 41 19 13-0114 EA Drill 8" Diameter Core In >4" To 6" Brick/Concrete Block	173.98	
<i>For Horizontal Cores, Add</i>	34.32	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	68.64	
02 41 19 13-0115 EA Drill 10" Diameter Core In >4" To 6" Brick/Concrete Block	203.42	
<i>For Horizontal Cores, Add</i>	40.04	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	80.08	
02 41 19 13-0116 EA Drill 12" Diameter Core In >4" To 6" Brick/Concrete Block	232.62	
<i>For Horizontal Cores, Add</i>	45.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	91.51	
02 41 19 13-0117 EA Drill 14" Diameter Core In >4" To 6" Brick/Concrete Block	262.04	
<i>For Horizontal Cores, Add</i>	51.47	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	102.94	
02 41 19 13-0118 EA Drill 18" Diameter Core In >4" To 6" Brick/Concrete Block	292.04	
<i>For Horizontal Cores, Add</i>	57.20	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.39	
02 41 19 13-0119 >6" To 8" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0120 EA Drill 1" Diameter Core In > 6" To 8" Brick/Concrete Block	52.01	
<i>For Horizontal Cores, Add</i>	10.19	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	20.38	
02 41 19 13-0121 EA Drill 1-1/2" Diameter Core In > 6" To 8" Brick/Concrete Block	57.68	
<i>For Horizontal Cores, Add</i>	11.33	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	22.65	
02 41 19 13-0122 EA Drill 2" Diameter Core In >6" To 8" Brick/Concrete Block	63.97	
<i>For Horizontal Cores, Add</i>	12.58	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.17	
02 41 19 13-0123 EA Drill 3" Diameter Core In >6" To 8" Brick/Concrete Block	75.80	
<i>For Horizontal Cores, Add</i>	14.87	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.74	
02 41 19 13-0124 EA Drill 4" Diameter Core In >6" To 8" Brick/Concrete Block	99.12	
<i>For Horizontal Cores, Add</i>	19.45	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.89	
02 41 19 13-0125 EA Drill 6" Diameter Core In >6" To 8" Brick/Concrete Block	139.62	
<i>For Horizontal Cores, Add</i>	27.46	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	54.91	
02 41 19 13-0126 EA Drill 8" Diameter Core In >6" To 8" Brick/Concrete Block	231.96	
<i>For Horizontal Cores, Add</i>	45.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	91.51	
02 41 19 13-0127 EA Drill 10" Diameter Core In >6" To 8" Brick/Concrete Block	261.63	
<i>For Horizontal Cores, Add</i>	51.47	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	102.94	
02 41 19 13-0128 EA Drill 12" Diameter Core In >6" To 8" Brick/Concrete Block	291.10	
<i>For Horizontal Cores, Add</i>	57.20	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.39	
02 41 19 13-0129 EA Drill 14" Diameter Core In >6" To 8" Brick/Concrete Block	320.82	
<i>For Horizontal Cores, Add</i>	62.91	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	125.81	
02 41 19 13-0130 EA Drill 18" Diameter Core In >6" To 8" Brick/Concrete Block	351.37	
<i>For Horizontal Cores, Add</i>	68.64	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	137.28	
02 41 19 13-0131 >8" To 10" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0132 EA Drill 1" Diameter Core In > 8" To 10" Brick/Concrete Block	61.54	
<i>For Horizontal Cores, Add</i>	12.04	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	24.09	
02 41 19 13-0133 EA Drill 1-1/2" Diameter Core In > 8" To 10" Brick/Concrete Block	68.24	
<i>For Horizontal Cores, Add</i>	13.38	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	26.77	
02 41 19 13-0134 EA Drill 2" Diameter Core In >8" To 10" Brick/Concrete Block	75.68	
<i>For Horizontal Cores, Add</i>	14.87	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	29.74	
02 41 19 13-0135 EA Drill 3" Diameter Core In >8" To 10" Brick/Concrete Block	87.62	
<i>For Horizontal Cores, Add</i>	17.16	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.32	
02 41 19 13-0136 EA Drill 4" Diameter Core In >8" To 10" Brick/Concrete Block	99.61	
<i>For Horizontal Cores, Add</i>	19.45	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	38.89	
02 41 19 13-0137 EA Drill 6" Diameter Core In >8" To 10" Brick/Concrete Block	140.21	
<i>For Horizontal Cores, Add</i>	27.46	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	54.91	
02 41 19 13-0138 EA Drill 8" Diameter Core In >8" To 10" Brick/Concrete Block	232.77	
<i>For Horizontal Cores, Add</i>	45.75	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	91.51	
02 41 19 13-0139 EA Drill 10" Diameter Core In >8" To 10" Brick/Concrete Block	262.69	
<i>For Horizontal Cores, Add</i>	51.47	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	102.94	
02 41 19 13-0140 EA Drill 12" Diameter Core In >8" To 10" Brick/Concrete Block	292.33	
<i>For Horizontal Cores, Add</i>	57.19	
<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	114.37	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0141	EA		Drill 14" Diameter Core In >8" To 10" Brick/Concrete Block	322.43	
			<i>For Horizontal Cores, Add</i>	62.91	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	125.81	
02 41 19 13-0142	EA		Drill 18" Diameter Core In >8" To 10" Brick/Concrete Block	353.43	
			<i>For Horizontal Cores, Add</i>	68.62	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	137.25	
02 41 19 13-0143			>10" To 12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0144	EA		Drill 1" Diameter Core In >10" To 12" Brick/Concrete Block	66.46	
			<i>For Horizontal Cores, Add</i>	12.97	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	25.94	
02 41 19 13-0145	EA		Drill 1-1/2" Diameter Core In > 10" To 12" Brick/Concrete Block	73.67	
			<i>For Horizontal Cores, Add</i>	14.41	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	28.83	
02 41 19 13-0146	EA		Drill 2" Diameter Core In >10" To 12" Brick/Concrete Block	81.68	
			<i>For Horizontal Cores, Add</i>	16.02	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	32.03	
02 41 19 13-0147	EA		Drill 3" Diameter Core In >10" To 12" Brick/Concrete Block	88.01	
			<i>For Horizontal Cores, Add</i>	17.16	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	34.32	
02 41 19 13-0148	EA		Drill 4" Diameter Core In >10" To 12" Brick/Concrete Block	117.26	
			<i>For Horizontal Cores, Add</i>	22.88	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	45.76	
02 41 19 13-0149	EA		Drill 6" Diameter Core In >10" To 12" Brick/Concrete Block	152.25	
			<i>For Horizontal Cores, Add</i>	29.74	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	59.49	
02 41 19 13-0150	EA		Drill 8" Diameter Core In >10" To 12" Brick/Concrete Block	245.03	
			<i>For Horizontal Cores, Add</i>	48.05	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	96.09	
02 41 19 13-0151	EA		Drill 10" Diameter Core In >10" To 12" Brick/Concrete Block	263.76	
			<i>For Horizontal Cores, Add</i>	51.47	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	102.94	
02 41 19 13-0152	EA		Drill 12" Diameter Core In >10" To 12" Brick/Concrete Block	305.12	
			<i>For Horizontal Cores, Add</i>	59.49	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	118.98	
02 41 19 13-0153			>12" Thick Brick/Concrete Block Core Drilling (02 41 19 13-0094)		
02 41 19 13-0154	IN		Drill 1" Diameter Core In >12" Brick/Concrete Block	8.06	
			<i>For Horizontal Cores, Add</i>	1.59	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.17	
02 41 19 13-0155	IN		Drill 1-1/2" Diameter Core In >12" Brick/Concrete Block	8.94	
			<i>For Horizontal Cores, Add</i>	1.76	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.52	
02 41 19 13-0156	IN		Drill 2" Diameter Core In >12" Brick/Concrete Block	9.92	
			<i>For Horizontal Cores, Add</i>	1.96	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	3.92	
02 41 19 13-0157	IN		Drill 3" Diameter Core In >12" Brick/Concrete Block	10.90	
			<i>For Horizontal Cores, Add</i>	2.14	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	4.29	
02 41 19 13-0158	IN		Drill 4" Diameter Core In >12" Brick/Concrete Block	14.53	
			<i>For Horizontal Cores, Add</i>	2.86	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	5.72	
02 41 19 13-0159	IN		Drill 6" Diameter Core In >12" Brick/Concrete Block	18.89	
			<i>For Horizontal Cores, Add</i>	3.72	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	7.44	
02 41 19 13-0160	IN		Drill 8" Diameter Core In >12" Brick/Concrete Block	30.46	
			<i>For Horizontal Cores, Add</i>	6.01	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.02	
02 41 19 13-0161	IN		Drill 10" Diameter Core In >12" Brick/Concrete Block	32.84	
			<i>For Horizontal Cores, Add</i>	6.46	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	12.92	
02 41 19 13-0162	IN		Drill 12" Diameter Core In >12" Brick/Concrete Block	37.85	
			<i>For Horizontal Cores, Add</i>	7.44	
			<i>For Overhead Ceiling Cores (Where Not Accessible From Above), Add</i>	14.88	
02 41 19 13-0163			Asphalt Core Drilling (02 41 19 13-0024)		
02 41 19 13-0164			Up To 2" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0165	EA		Drill 1" Diameter Core In Up To 2" Asphalt	19.68	
02 41 19 13-0166	EA		Drill 1-1/2" Diameter Core In Up To 2" Asphalt	24.61	
02 41 19 13-0167	EA		Drill 2" Diameter Core In Up To 2" Asphalt	30.75	
02 41 19 13-0168	EA		Drill 3" Diameter Core In Up To 2" Asphalt	38.14	
02 41 19 13-0169	EA		Drill 4" Diameter Core In Up To 2" Asphalt	48.01	
02 41 19 13-0170	EA		Drill 6" Diameter Core In Up To 2" Asphalt	60.31	
02 41 19 13-0171	EA		Drill 8" Diameter Core In Up To 2" Asphalt	75.13	
02 41 19 13-0172	EA		Drill 10" Diameter Core In Up To 2" Asphalt	93.55	
02 41 19 13-0173	EA		Drill 12" Diameter Core In Up To 2" Asphalt	116.92	
02 41 19 13-0174			>2" To 3" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0175	EA		Drill 1" Diameter Core In >2" To 3" Asphalt	24.60	
02 41 19 13-0176	EA		Drill 1-1/2" Diameter Core In >2" To 3" Asphalt	31.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0177 EA Drill 2" Diameter Core In >2" To 3" Asphalt	39.34	
02 41 19 13-0178 EA Drill 3" Diameter Core In >2" To 3" Asphalt	49.19	
02 41 19 13-0179 EA Drill 4" Diameter Core In >2" To 3" Asphalt	61.51	
02 41 19 13-0180 EA Drill 6" Diameter Core In >2" To 3" Asphalt	77.50	
02 41 19 13-0181 EA Drill 8" Diameter Core In >2" To 3" Asphalt	96.00	
02 41 19 13-0182 EA Drill 10" Diameter Core In >2" To 3" Asphalt	120.57	
02 41 19 13-0183 EA Drill 12" Diameter Core In >2" To 3" Asphalt	150.07	
02 41 19 13-0184 >3" To 4" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0185 EA Drill 1" Diameter Core In >3" To 4" Asphalt	31.98	
02 41 19 13-0186 EA Drill 1-1/2" Diameter Core In >3" To 4" Asphalt	40.59	
02 41 19 13-0187 EA Drill 2" Diameter Core In >3" To 4" Asphalt	50.43	
02 41 19 13-0188 EA Drill 3" Diameter Core In >3" To 4" Asphalt	62.75	
02 41 19 13-0189 EA Drill 4" Diameter Core In >3" To 4" Asphalt	78.78	
02 41 19 13-0190 EA Drill 6" Diameter Core In >3" To 4" Asphalt	98.47	
02 41 19 13-0191 EA Drill 8" Diameter Core In >3" To 4" Asphalt	123.17	
02 41 19 13-0192 EA Drill 10" Diameter Core In >3" To 4" Asphalt	153.88	
02 41 19 13-0193 EA Drill 12" Diameter Core In >3" To 4" Asphalt	192.00	
02 41 19 13-0194 >4" To 6" Thick Asphalt Core Drilling (02 41 19 13-0163)		
02 41 19 13-0195 EA Drill 1" Diameter Core In >4" To 6" Asphalt	41.85	
02 41 19 13-0196 EA Drill 1-1/2" Diameter Core In >4" To 6" Asphalt	51.72	
02 41 19 13-0197 EA Drill 2" Diameter Core In >4" To 6" Asphalt	64.02	
02 41 19 13-0198 EA Drill 3" Diameter Core In >4" To 6" Asphalt	81.29	
02 41 19 13-0199 EA Drill 4" Diameter Core In >4" To 6" Asphalt	101.05	
02 41 19 13-0200 EA Drill 6" Diameter Core In >4" To 6" Asphalt	125.69	
02 41 19 13-0201 EA Drill 8" Diameter Core In >4" To 6" Asphalt	157.83	
02 41 19 13-0202 EA Drill 10" Diameter Core In >4" To 6" Asphalt	197.18	
02 41 19 13-0203 EA Drill 12" Diameter Core In >4" To 6" Asphalt	246.40	
02 41 19 13-0204 Manhole Core Drilling (02 41 19 13-0024)		
02 41 19 13-0205 EA Drill 4" Diameter Core In 6" Brick Manhole	215.44	
02 41 19 13-0206 EA Drill 5" Diameter Core In 6" Brick Manhole	246.21	
02 41 19 13-0207 EA Drill 6" Diameter Core In 6" Brick Manhole	287.14	
02 41 19 13-0208 EA Drill 8" Diameter Core In 6" Brick Manhole	430.58	
02 41 19 13-0209 EA Drill 2" Diameter Core In 8" Concrete Manhole	288.63	
02 41 19 13-0210 EA Drill 3" Diameter Core In 8" Concrete Manhole	307.39	
02 41 19 13-0211 EA Drill 4" Diameter Core In 8" Concrete Manhole	338.43	
02 41 19 13-0212 EA Drill 5" Diameter Core In 8" Concrete Manhole	363.12	
02 41 19 13-0213 EA Drill 6" Diameter Core In 8" Concrete Manhole	430.66	
02 41 19 13-0214 EA Drill 8" Diameter Core In 8" Concrete Manhole	615.07	
02 41 19 13-0215 EA Drill 2" Diameter Core In Fiberglass Manhole	28.62	
02 41 19 13-0216 EA Drill 3" Diameter Core In Fiberglass Manhole	33.04	
02 41 19 13-0217 EA Drill 4" Diameter Core In Fiberglass Manhole	35.80	
02 41 19 13-0218 EA Drill 5" Diameter Core In Fiberglass Manhole	39.06	
02 41 19 13-0219 EA Drill 6" Diameter Core In Fiberglass Manhole	42.96	
02 41 19 13-0220 EA Drill 8" Diameter Core In Fiberglass Manhole	47.74	
02 41 19 13-0221 Drilling In Concrete Per Inch Of Depth (02 41 19 13-0024)		
Note: Includes layout.		
02 41 19 13-0222 IN 1/4" Diameter Drilling In Concrete Per Inch Of Depth	1.98	
02 41 19 13-0223 IN 5/16" Diameter Drilling In Concrete Per Inch Of Depth	2.11	
02 41 19 13-0224 IN 3/8" Diameter Drilling In Concrete Per Inch Of Depth	2.22	
02 41 19 13-0225 IN 1/2" Diameter Drilling In Concrete Per Inch Of Depth	2.38	
02 41 19 13-0226 IN 5/8" Diameter Drilling In Concrete Per Inch Of Depth	2.54	
02 41 19 13-0227 IN 3/4" Diameter Drilling In Concrete Per Inch Of Depth	2.79	
02 41 19 13-0228 IN 7/8" Diameter Drilling In Concrete Per Inch Of Depth	3.01	
02 41 19 13-0229 IN 1" Diameter Drilling In Concrete Per Inch Of Depth	3.17	
02 41 19 13-0230 IN 1-1/8" Diameter Drilling In Concrete Per Inch Of Depth	3.74	
02 41 19 13-0231 IN 1-1/4" Diameter Drilling In Concrete Per Inch Of Depth	3.51	
02 41 19 13-0232 IN 1-3/8" Diameter Drilling In Concrete Per Inch Of Depth	3.74	
02 41 19 13-0233 IN 1-1/2" Diameter Drilling In Concrete Per Inch Of Depth	3.97	
02 41 19 13-0234 IN 1-3/4" Diameter Drilling In Concrete Per Inch Of Depth	4.40	
02 41 19 13-0235 IN 2" Diameter Drilling In Concrete Per Inch Of Depth	5.12	
02 41 19 13-0236 Drilling In Brick/Concrete Block Per Inch Of Depth (02 41 19 13-0024)		
Note: Includes layout.		
02 41 19 13-0237 IN 1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.65	
02 41 19 13-0238 IN 5/16" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.76	
02 41 19 13-0239 IN 3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.85	
02 41 19 13-0240 IN 1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	1.98	
02 41 19 13-0241 IN 5/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.12	
02 41 19 13-0242 IN 3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.32	
02 41 19 13-0243 IN 7/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.51	
02 41 19 13-0244 IN 1" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.64	
02 41 19 13-0245 IN 1-1/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.79	
02 41 19 13-0246 IN 1-1/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	2.92	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0247	IN		1-3/8" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.11	
02 41 19 13-0248	IN		1-1/2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.31	
02 41 19 13-0249	IN		1-3/4" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	3.69	
02 41 19 13-0250	IN		2" Diameter Drilling In Brick/Concrete Block Per Inch Of Depth	4.27	
02 41 19 13-0251			Drilling In Wood Or Plastic Per Inch Of Depth (02 41 19 13-0024)		
			Note: Includes layout.		
02 41 19 13-0252	IN		1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.82	
02 41 19 13-0253	IN		5/16" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.87	
02 41 19 13-0254	IN		3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.93	
02 41 19 13-0255	IN		1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	0.99	
02 41 19 13-0256	IN		5/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.05	
02 41 19 13-0257	IN		3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.16	
02 41 19 13-0258	IN		7/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.25	
02 41 19 13-0259	IN		1" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.32	
02 41 19 13-0260	IN		1-1/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.39	
02 41 19 13-0261	IN		1-1/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.45	
02 41 19 13-0262	IN		1-3/8" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.55	
02 41 19 13-0263	IN		1-1/2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.64	
02 41 19 13-0264	IN		1-3/4" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	1.84	
02 41 19 13-0265	IN		2" Diameter Drilling In Wood Or Plastic Per Inch Of Depth	2.13	
02 41 19 13-0266			Drilling In Drywall Or Plaster Per Inch Of Depth (02 41 19 13-0024)		
			Note: Includes layout, high efficiency particulate air (HEPA) vacuum and protection.		
02 41 19 13-0267	IN		1/4" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	0.82	
02 41 19 13-0268	IN		5/16" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	0.87	
02 41 19 13-0269	IN		3/8" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	0.93	
02 41 19 13-0270	IN		1/2" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	0.99	
02 41 19 13-0271	IN		5/8" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.05	
02 41 19 13-0272	IN		3/4" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.16	
02 41 19 13-0273	IN		7/8" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.25	
02 41 19 13-0274	IN		1" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.32	
02 41 19 13-0275	IN		1-1/8" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.39	
02 41 19 13-0276	IN		1-1/4" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.45	
02 41 19 13-0277	IN		1-3/8" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.55	
02 41 19 13-0278	IN		1-1/2" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.64	
02 41 19 13-0279	IN		1-3/4" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	1.84	
02 41 19 13-0280	IN		2" Diameter Drilling In Drywall Or Plaster Per Inch Of Depth	2.12	
02 41 19 13-0281	IN		Drill 3" Diameter Core In Wood Or Plastic Per Inch Of Depth	2.82	
02 41 19 13-0282	IN		Drill 4" Diameter Core In Wood Or Plastic Per Inch Of Depth	3.56	
02 41 19 13-0283	IN		Drill 5" Diameter Core In Wood Or Plastic Per Inch Of Depth	4.01	
02 41 19 13-0284	IN		Drill 6" Diameter Core In Wood Or Plastic Per Inch Of Depth	4.47	
02 41 19 13-0285			Limestone Core Drilling (02 41 19 13-0024)		
02 41 19 13-0286			10" To 14" Thick Limestone Core Drilling (02 41 19 13-0285)		
02 41 19 13-0287	EA		Drill 1" Diameter Core In 10" To 14" Limestone	61.85	
02 41 19 13-0288	EA		Drill 1-1/2" Diameter Core In 10" To 14" Limestone	74.28	
02 41 19 13-0289	EA		Drill 2" Diameter Core In 10" To 14" Limestone	80.59	
02 41 19 13-0290	EA		Drill 3" Diameter Core In 10" To 14" Limestone	93.24	
02 41 19 13-0291	EA		Drill 4" Diameter Core In 10" To 14" Limestone	105.90	
02 41 19 13-0292	EA		Drill 6" Diameter Core In 10" To 14" Limestone	149.20	
02 41 19 13-0293	EA		Drill 8" Diameter Core In 10" To 14" Limestone	247.95	
02 41 19 13-0294			15" To 18" Thick Limestone Core Drilling (02 41 19 13-0285)		
02 41 19 13-0295	EA		Drill 1" Diameter Core In 15" To 18" Limestone	68.12	
02 41 19 13-0296	EA		Drill 1-1/2" Diameter Core In 15" To 18" Limestone	80.57	
02 41 19 13-0297	EA		Drill 2" Diameter Core In 15" To 18" Limestone	86.94	
02 41 19 13-0298	EA		Drill 3" Diameter Core In 15" To 18" Limestone	93.54	
02 41 19 13-0299	EA		Drill 4" Diameter Core In 15" To 18" Limestone	124.67	
02 41 19 13-0300	EA		Drill 6" Diameter Core In 15" To 18" Limestone	161.89	
02 41 19 13-0301	EA		Drill 8" Diameter Core In 15" To 18" Limestone	260.93	
02 41 19 13-0302			19" To 24" Thick Limestone Core Drilling (02 41 19 13-0285)		
02 41 19 13-0303	EA		Drill 1" Diameter Core In 19" To 24" Limestone	74.34	
02 41 19 13-0304	EA		Drill 1-1/2" Diameter Core In 19" To 24" Limestone	86.85	
02 41 19 13-0305	EA		Drill 2" Diameter Core In 19" To 24" Limestone	93.25	
02 41 19 13-0306	EA		Drill 3" Diameter Core In 19" To 24" Limestone	106.03	
02 41 19 13-0307	EA		Drill 4" Diameter Core In 19" To 24" Limestone	149.49	
02 41 19 13-0308	EA		Drill 6" Diameter Core In 19" To 24" Limestone	186.82	
02 41 19 13-0309	EA		Drill 8" Diameter Core In 19" To 24" Limestone	280.05	
02 41 19 13-0310			Minimum Charge For Core Drilling (02 41 19 13-0024)		

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0362 VLF 10" x 10" Masonry Column Removal	21.60	
02 41 19 13-0363 VLF 12" x 12" Masonry Column Removal	27.67	
02 41 19 13-0364 VLF 14" x 14" Masonry Column Removal	34.64	
02 41 19 13-0365 VLF 16" x 16" Masonry Column Removal	42.55	
02 41 19 13-0366 CF Masonry Column Removal, Per CF Of Masonry Removed; For Other Sizes Over 16" Square	23.89	
02 41 19 13-0367 Masonry Chimney Removal (02 41 19 13-0359)		
02 41 19 13-0368 CF Up To 3 CF/VLF Chimney Removal, Per CF Of Masonry Removed	28.03	
02 41 19 13-0369 CF >3 To 10 CF/VLF Chimney Removal, Per CF Of Masonry Removed	21.04	
02 41 19 13-0370 CF >10 To 20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	16.10	
02 41 19 13-0371 CF >20 CF/VLF Chimney Removal, Per CF Of Masonry Removed	11.15	
02 41 19 13-0372 Remove And Reset Precast, Stone Or Masonry Coping (02 41 19 13-0359)		
Note: Includes removing, cleaning, and resetting coping with new ties and mortar. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0373 LF Up To 8" Wide, Remove And Reset Precast, Stone Or Masonry Coping	20.20	
02 41 19 13-0374 LF >8" To 12" Wide, Remove And Reset Precast, Stone Or Masonry Coping	29.91	
02 41 19 13-0375 LF >12" To 24" Wide, Remove And Reset Precast, Stone Or Masonry Coping	56.61	
02 41 19 13-0376 Facade Removal (02 41 19 13-0359)		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0377 SF Stone Or Brick Veneer Facade Removal	5.26	
For Cleaning and Storage For Reuse, Add	7.89	
For Reinforcing, Add	0.79	
02 41 19 13-0378 Exterior Masonry Removal (02 41 19 13-0359)		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Salvage modifier includes removing mortar, scraping, cleaning, placement on pallets and storage on site. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0379 SF Demolish 4" Thick Non-Reinforced Concrete Block Exterior Wall	4.63	
02 41 19 13-0380 SF Demolish 6" Thick Non-Reinforced Concrete Block Exterior Wall	5.22	
02 41 19 13-0381 SF Demolish 8" Thick Non-Reinforced Concrete Block Exterior Wall	6.31	
02 41 19 13-0382 SF Demolish 10" Thick Non-Reinforced Concrete Block Exterior Wall	6.90	
02 41 19 13-0383 SF Demolish 12" Thick Non-Reinforced Concrete Block Exterior Wall	7.58	
02 41 19 13-0384 SF Demolish 16" Thick Non-Reinforced Concrete Block Exterior Wall	9.48	
02 41 19 13-0385 SF Demolish 4" Thick Reinforced Concrete Block Exterior Wall	5.47	
02 41 19 13-0386 SF Demolish 6" Thick Reinforced Concrete Block Exterior Wall	6.26	
02 41 19 13-0387 SF Demolish 8" Thick Reinforced Concrete Block Exterior Wall	7.58	
02 41 19 13-0388 SF Demolish 10" Thick Reinforced Concrete Block Exterior Wall	8.29	
02 41 19 13-0389 SF Demolish 12" Thick Reinforced Concrete Block Exterior Wall	9.09	
02 41 19 13-0390 SF Demolish 16" Thick Reinforced Concrete Block Exterior Wall	11.37	
02 41 19 13-0391 SF Demolish 4" Thick Brick Exterior Wall	4.63	
For Cleaning and Storage For Reuse, Add	6.95	
02 41 19 13-0392 SF Demolish 6" Thick Brick Exterior Wall	5.22	
For Cleaning and Storage For Reuse, Add	7.83	
02 41 19 13-0393 SF Demolish 8" Thick Brick Exterior Wall	6.31	
For Cleaning and Storage For Reuse, Add	9.47	
02 41 19 13-0394 SF Demolish 10" Thick Brick Exterior Wall	6.90	
For Cleaning and Storage For Reuse, Add	10.35	
02 41 19 13-0395 SF Demolish 12" Thick Brick Exterior Wall	7.58	
For Cleaning and Storage For Reuse, Add	11.37	
02 41 19 13-0396 SF Demolish 16" Thick Brick Exterior Wall	9.48	
For Cleaning and Storage For Reuse, Add	14.22	
02 41 19 13-0397 CF Exterior Brick, Concrete Block Or Composite Removal	13.47	
For Cleaning and Storage For Reuse, Add	20.21	
For Reinforcing, Add	2.02	
02 41 19 13-0398 Lintel Removal (02 41 19 13-0359)		
Note: Includes any saw cutting that may be required for size reduction into manageable pieces for handling and disposal. Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0399 LF Demolish Steel Lintel	13.25	
02 41 19 13-0400 LF Demolish Concrete Or Stone Lintel	17.67	
02 41 19 13-0401 LF Demolish Steel Shelf Angle	13.99	
02 41 19 13-0402 Reinstall Lintel (02 41 19 13-0359)		
Note: Excludes finished edge saw cutting at the intersection between demolition and undisturbed areas. See CSI section 02 41 19 13-0001 for saw cutting.		
02 41 19 13-0403 LF Clean, Prime And Paint Steel Shelf Angle Or Lintel	7.03	
02 41 19 13-0404 LF Reinstall Existing Concrete Or Stone Lintel	17.67	
02 41 19 13-0405 LF Reinstall Existing Steel Shelf Angle	50.55	
Note: Includes fasteners.		
02 41 19 13-0406 LF Reinstall Existing Steel Lintel	19.64	
02 41 19 13-0407 LF Removal And Replacement Of Steel Shelf Angle Over Window Openings At Cavity Walls	85.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 13-0408 LF Removal And Replacement Of Steel Lintel Over Window Openings.....	164.99	
02 41 19 13-0409 Exterior Concrete Wall Removal (02 41 19 13)		
02 41 19 13-0410 SF Demolish 4" Thick Reinforced Concrete Exterior Wall.....	6.37	
02 41 19 13-0411 SF Demolish 6" Thick Reinforced Concrete Exterior Wall.....	11.56	
02 41 19 13-0412 SF Demolish 8" Thick Reinforced Concrete Exterior Wall.....	14.53	
02 41 19 13-0413 SF Demolish 10" Thick Reinforced Concrete Exterior Wall.....	17.14	
02 41 19 13-0414 SF Demolish 12" Thick Reinforced Concrete Exterior Wall.....	20.25	
02 41 19 13-0415 Elevated Concrete Removal (02 41 19 13)		
02 41 19 13-0416 CF Elevated Concrete Beam/Slab/Steps Removal, Reinforced.....	11.93	
02 41 19 16 Selective Interior Demolition (02 41 19)		
Note: Includes break-up of material, loading into truck or dumpster and clean-up.		
02 41 19 16-0001 Floor Removal (02 41 19 16)		
02 41 19 16-0002 Scarify Concrete (02 41 19 16-0001)		
Note: Up to 1/4" removal per pass.		
02 41 19 16-0003 SF Scarify Concrete Floor.....	0.30	
02 41 19 16-0004 SF Scarify Concrete Tread And Riser.....	2.53	
02 41 19 16-0005 SF Scarify Concrete Wall.....	2.30	
02 41 19 16-0006 Concrete Floor Curb At Shower (02 41 19 16-0001)		
Note: Includes two saw cuts and removal of shower curb at entrance to shower.		
02 41 19 16-0007 LF Concrete Shower Curb Removal.....	41.87	
02 41 19 16-0008 Fireproofing Removal (02 41 19 16)		
02 41 19 16-0009 SF Removal Of Fireproofing From Concrete Or Steel.....	1.17	
02 41 19 16-0010 Demolish Ceiling (02 41 19 16)		
02 41 19 16-0011 SF Demolish Drywall Ceiling.....	0.90	
02 41 19 16-0012 SF Demolish Furred Plastered Ceiling.....	2.10	
02 41 19 16-0013 SF Demolish Suspended Plastered Ceiling And Suspension System.....	1.61	
02 41 19 16-0014 Demolish Concrete Stair (02 41 19 16)		
02 41 19 16-0015 CF Demolish Interior Reinforced Concrete Stairs.....	7.58	
02 41 19 16-0016 CF Demolish Exterior Reinforced Concrete Stairs.....	6.65	
02 41 19 16-0017 Demolish Interior Partition/Wall (02 41 19 16)		
Note: Price includes knock down, loading, clean-up.		
02 41 19 16-0018 Demolish Masonry And Concrete Interior Partition/Walls (02 41 19 16-0017)		
Note: Includes saw cutting, knock down, loading and clean-up.		
02 41 19 16-0019 Demolish Concrete Block Interior Partition/Walls (02 41 19 16-0018)		
02 41 19 16-0020 SF Demolish 4" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	4.90	
02 41 19 16-0021 SF Demolish 6" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	5.24	
02 41 19 16-0022 SF Demolish 8" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	5.91	
02 41 19 16-0023 SF Demolish 12" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	7.59	
02 41 19 16-0024 SF Demolish 16" Thick Non-Reinforced Concrete Block Interior Partition/Wall.....	9.48	
02 41 19 16-0025 SF Demolish 4" Thick Reinforced Concrete Block Interior Partition/Wall.....	5.89	
02 41 19 16-0026 SF Demolish 6" Thick Reinforced Concrete Block Interior Partition/Wall.....	6.29	
02 41 19 16-0027 SF Demolish 8" Thick Reinforced Concrete Block Interior Partition/Wall.....	7.09	
02 41 19 16-0028 SF Demolish 12" Thick Reinforced Concrete Block Interior Partition/Wall.....	9.10	
02 41 19 16-0029 SF Demolish 16" Thick Reinforced Concrete Block Interior Partition/Wall.....	11.38	
02 41 19 16-0030 Demolish Brick Interior Partition/Walls (02 41 19 16-0018)		
02 41 19 16-0031 SF Demolish 4" Thick Brick Interior Partition/Wall.....	4.90	
02 41 19 16-0032 SF Demolish 8" Thick Brick Interior Partition/Wall.....	5.91	
02 41 19 16-0033 SF Demolish 12" Thick Brick Interior Partition/Wall.....	7.58	
02 41 19 16-0034 SF Demolish 16" Thick Brick Interior Partition/Wall.....	9.48	
02 41 19 16-0035 Demolish Glass Block Interior Partition/Walls (02 41 19 16-0018)		
02 41 19 16-0036 SF Demolish Glass Block Interior Partition/Walls.....	4.20	
02 41 19 16-0037 Demolish Concrete Interior Partition/Walls (02 41 19 16-0018)		
See CSI section 02 41 16 13-0021 for concrete foundation demolition.		
02 41 19 16-0038 SF Demolish 6" Thick Non-Reinforced Concrete Interior Partition/Wall.....	8.92	
02 41 19 16-0039 SF Demolish 8" Thick Non-Reinforced Concrete Interior Partition/Wall.....	11.15	
02 41 19 16-0040 SF Demolish 12" Thick Non-Reinforced Concrete Interior Partition/Wall.....	15.62	
02 41 19 16-0041 SF Demolish 6" Thick Reinforced Concrete Interior Partition/Wall.....	10.71	

02 Existing Conditions**02 40 Demolition and Structure Moving****02 41 Demolition**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 41 19 16-0042 SF Demolish 8" Thick Reinforced Concrete Interior Partition/Wall	13.47	
02 41 19 16-0043 SF Demolish 12" Thick Reinforced Concrete Interior Partition/Wall	18.74	
02 41 19 16-0044 Demolish Terra-Cotta Block Interior Partition/Walls (02 41 19 16-0018)		
02 41 19 16-0045 SF Demolish Up To 6" Thick Terra-Cotta Block Interior Partition/Wall Finished With Plaster	1.69	
02 41 19 16-0046 Demolish Stud Framed Interior Partition/Walls (02 41 19 16-0017)		
Note: Includes knock down, loading and clean-up. Includes demo of insulation if required.		
02 41 19 16-0047 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 1 Side	2.97	
For Heights >14' To 20', Add	0.45	
For Heights >20', Add	0.59	
02 41 19 16-0048 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Drywall 2 Sides.....	3.47	
For Heights >14' To 20', Add	0.52	
For Heights >20', Add	0.69	
02 41 19 16-0049 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 1 Side.....	3.80	
For Heights >14' To 20', Add	0.57	
For Heights >20', Add	0.76	
02 41 19 16-0050 SF Demolish Wood Or Metal Framed Interior Partition/Wall With Plaster And Lath 2 Sides.....	5.28	
For Heights >14' To 20', Add	0.79	
For Heights >20', Add	1.06	
02 41 19 16-0051 SF Demolish Plaster And Lath From 1 Side Of An Interior Partition/Wall.....	1.57	
For Heights >14' To 20', Add	0.24	
For Heights >20', Add	0.31	
02 41 19 16-0052 SF Demolish Plaster And Lath From 2 Sides Of An Interior Partition/Wall.....	1.87	
For Heights >14' To 20', Add	0.28	
For Heights >20', Add	0.37	

02 42 Removal and Salvage of Construction Materials (02 40)**02 42 21 Salvage of Construction Materials** (02 42)

Note: Includes placement on pallets and storage on site.

02 42 21 35 Roofing Salvage (02 42 21)**02 42 21 35-0001 Clay Tile Roofing Remove And Salvage For Re-use** (02 42 21 35)

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 35-0002 SQ Removal Of Clay Roof Tile, Salvage For Re-use.....273.72

02 42 21 47 Flooring Salvage (02 42 21)**02 42 21 47-0001 Flooring Remove And Salvage For Re-Use** (02 42 21 47)

Note: Includes removing mortar, scraping, cleaning, placement on pallets and storage on site.

02 42 21 47-0002 SF Removal Of Brick Flooring And Salvage.....2.49

02 42 21 47-0003 SF Removal Of Ceramic/Quarry Tile Floor And Salvage2.49

02 42 21 47-0004 SF Removal Of Terrazzo Flooring And Salvage.....3.44

02 42 21 47-0005 SF Removal Of Wood Strip Flooring And Salvage.....2.01

02 42 21 47-0006 SF Removal Of Wood Parquet Flooring And Salvage.....1.06

02 42 21 47-0007 SF Removal Of Resilient/Linoleum Flooring And Salvage0.76

02 43 Structure Moving (02 40)**02 43 13 Structure Relocation** (02 43)

Note: Includes disconnection of utilities, moving of structure, one day move (excludes travel expenses and lodging), up to 24' wide. Reset on new foundations and hook up to utilities.

02 43 13 13 Building Relocation (02 43 13)**02 43 13 13-0001 Move Relocatable Structures (Trailer, Mobile Facilities, etc.), Complete** (02 43 13)

Note: Includes disconnect portable from foundation, separate relocatable unit and attachments as needed for transport, secure all relocatable attachments (awnings, steps, ramps, railing, etc.) for transport, transport relocatable and attachments to new location, including permits and police escort, connect to foundation per approved specifications/details, including welding and/or hurricane anchoring as needed.

02 43 13 13-0002 SF Up To 800 SF, Move Relocatable Metal Frame Building.....34.20

02 43 13 13-0003 SF >800 To 920 SF, Move Relocatable Metal Frame Building.....32.33

02 43 13 13-0004 SF >920 SF, Move Relocatable Metal Frame Building.....30.26

02 43 13 13-0005 SF Up To 800 SF, Move Relocatable Wood Frame Building.....27.45

02 43 13 13-0006 SF >800 To 920 SF, Move Relocatable Wood Frame Building.....25.65

02 43 13 13-0007 SF >920 SF, Move Relocatable Wood Frame Building22.69

02 43 13 13-0008 SF Up To 800 SF, Move Relocatable Wood/Metal Frame Building.....33.24

02 43 13 13-0009 SF >800 To 920 SF, Move Relocatable Wood/Metal Frame Building30.26

02 43 13 13-0010 SF >920 SF, Move Relocatable Wood/Metal Frame Building25.65

02 50 Site Remediation (02)**02 58 Snow Control** (02 50)**02 58 13 Snow Fencing** (02 58)

02 58 13 00-0001 Snow/Sand Fence On Steel Posts (02 58 13)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 58 13 00-0002 LF Steel Fence Post, 10' On Center With 4' Wood Snow/Sand Fence.....	7.36	1.98
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02 60 Contaminated Site Material Removal ⁽⁰²⁾

02 61 Removal and Disposal of Contaminated Soils ^(02 60)

02 61 13 Excavation and Handling of Contaminated Material ^(02 61)

See CSI section 31 23 16 00-0000 for excavation.

02 61 13 00-0001 Excavate Petroleum Contaminated Soil ^(02 61 13)

02 61 13 00-0002 CY Excavate Petroleum Contaminated Soil	13.37	
Note: Includes excavation, making a determination if the soil is reusable or contaminated, and stockpiling as per determination.		
02 61 13 00-0003 CY Load Excavated Petroleum Contaminated Soil.....	7.85	
02 61 13 00-0004 CY Disposal Fees Of Petroleum Contaminated Soil.....	211.05	

02 61 13 00-0005 Accessories For Contaminated Soil Stockpile ^(02 61 13)

See CSI section 31 25 14 23-0001 for sand bags.

02 61 13 00-0006 SF 30 Mil Liner For Contaminated Soil Storage	1.44	
Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.		
02 61 13 00-0007 SF 10 Mil Liner For Contaminated Soil Storage	0.85	
Note: 9.93 SF of liner per 1 ton of petroleum contaminated soil.		

02 61 26 Removal and Disposal of Asbestos Contaminated Soils ^(02 61)

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0001 Removal and Disposal of Asbestos Contaminated Soils ^(02 61 26)

Note: Includes materials, equipment, mobilization, preparation, signage, removal, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of CF for a quantity of less than 10 CF, followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project.

02 61 26 00-0002 EA Up To 10 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal	1,088.46	
For Work In Restricted Working Space, Add		
02 61 26 00-0003 CF >10 To 100 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	72.15	
For Work In Restricted Working Space, Add		
02 61 26 00-0004 CF >100 To 250 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	48.10	
For Work In Restricted Working Space, Add		
02 61 26 00-0005 CF >250 To 500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	36.13	
For Work In Restricted Working Space, Add		
02 61 26 00-0006 CF >500 To 2,500 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	28.86	
For Work In Restricted Working Space, Add		
02 61 26 00-0007 CF >2,500 To 10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	24.53	
For Work In Restricted Working Space, Add		
02 61 26 00-0008 CF >10,000 CF, Asbestos Contaminated Soil, Asbestos Abatement And Disposal.....	22.07	
For Work In Restricted Working Space, Add		

02 65 Underground Storage Tank Removal ^(02 60)

Note: Petroleum gasoline is classified as a hazardous material; fuel oil is considered a non-hazardous material. See CSI section 01 74 19 00-0045 for hauling, 31 20 00 00-0000 for non-contaminated soil excavation, 31 23 16 00-0000 for excavation, 31 41 00 00-0000 for shoring.

02 65 00 00-0001 Monitoring, Sampling, Testing And Analysis ^(02 65)

02 65 00 00-0002 Field Samples For Testing Underground Storage Tank ^(02 65 00 00-0001)

02 65 00 00-0003 EA Collection Of Sludge Sample For Underground Storage Tank	21.86	
02 65 00 00-0004 EA Collection Of Pumpable Liquids Sample For Underground Storage Tank.....	21.86	
02 65 00 00-0005 EA Collection Of Contaminated Soil Sample.....	21.86	

02 65 00 00-0006 Lab Tests For Underground Storage Tank Removal ^(02 65 00 00-0001)

Note: Includes lab test fees, reports, shipping, handling, chain of custody documents and disposal of sample.

02 65 00 00-0007 EA Benzene, Toluene, Ethylbenzene, Xylene 8020, Lab Test	198.10	
Note: The cost is for the in-lab test for Benzene, Toluene, Ethylbenzene, And Xylene using procedure 8020 as detailed in EPA SW-846.		
02 65 00 00-0008 EA Flashpoint, Lab Test.....	77.04	
Note: The cost is for the in-lab test for the flashpoint using procedure 40CFR 261.21 as detailed in EPA SW-846.		
02 65 00 00-0009 EA TOX 9020, Lab Test	185.32	
Note: The cost is for the in-lab test for total organic halides using procedure 9020 as detailed in EPA SW-846.		
02 65 00 00-0010 EA TPH 8015 Modified, Lab Test.....	198.10	
Note: The cost is for the in-lab test for total petroleum hydrocarbons by gas chromatography using procedure 8015 Mod. as detailed in EPA SW-846.		

02 Existing Conditions**02 60 Contaminated Site Material Removal****02 65 Underground Storage Tank Removal**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0011	EA	TRPH 418.1, Lab Test Note: The cost is for the in-lab test for total recoverable petroleum hydrocarbons using procedure 418.1 as detailed in EPA SW-846.	154.08	
02 65 00 00-0012	EA	VOC, Lab Test Note: The cost is for the in-lab test for volatile organics using procedure 8240 as detailed in EPA SW-846.	418.21	
02 65 00 00-0013	EA	Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for semi-volatile organics using procedure 8270 as detailed in EPA SW-846.	770.38	
02 65 00 00-0014	EA	Oil And Grease 413.1, Lab Test Note: The cost is for the in-lab test for oil and grease using procedure 413.1 as detailed in EPA SW-846.	92.66	
02 65 00 00-0015	EA	TCLP (Extraction) - Metals, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	165.08	
02 65 00 00-0016	EA	TCLP (Extraction) - Semi-Volatile Organic, Lab Test Note: The cost is for the in-lab test for toxicity characteristics leaching procedures using procedure 1311 as detailed in EPA SW-846.	220.11	
02 65 00 00-0017	EA	Metals 6010 RCRA, Lab Test Note: The cost is for the in-lab test for metals using procedure 6010 RCRA as detailed in EPA SW-846.	246.52	
02 65 00 00-0018	EA	Metals (Arsenic) 7060, Lab Test Note: The cost is for the in-lab test for the metal arsenic using procedure 7060 as detailed in EPA SW-846.	33.02	
02 65 00 00-0019	EA	Metals (Selenium) 7740, Lab Test Note: The cost is for the in-lab test for the metal selenium (SE) using procedure 7740 as detailed in EPA SW-846.	33.02	
02 65 00 00-0020	EA	Metals (Lead) 7421, Lab Test Note: The cost is for the in-lab test for the metal lead using procedure 7421 as detailed in EPA SW-846.	33.02	
02 65 00 00-0021	EA	Metals (Mercury) 7470, Lab Test Note: The cost is for the in-lab test for the metal mercury using procedure 7470 as detailed in EPA SW-846.	61.63	
02 65 00 00-0022	EA	PNA/PAH 8100, Lab Test Note: The cost is for the in-lab test for polynuclear aromatic hydrocarbons using procedure 8100 as detailed in EPA SW-846.	352.18	
02 65 00 00-0023	EA	Fuel Id ASTM D3328-78, Lab Test Note: The cost is for the in-lab test to determine the constituents of fuel using the procedure as detailed in ASTM D3328-78.	127.41	
02 65 00 00-0024	EA	pH, Lab Test	26.41	
02 65 00 00-0025	EA	Lab Test - Polychlorinated Biphenyl (PCB) In Wastewater	330.16	
02 65 00 00-0026	EA	Methyl Tertiary Butyl Ether (MTBE), Lab Test	198.10	
02 65 00 00-0027		Tests, Surveys And Maintenance For Underground Storage Tank (02 65 00 00-0001)		
02 65 00 00-0028	EA	Site Survey For AST/UST Location By Certified Tank Installer Note: Includes testing Pump output both tank and dispenser, Calibrate pump dispenser if needed, Check all sumps both tank and dispenser, check all fitting connections for leaks and check wiring connection for possible malfunction or safety hazard, check seals on caps for fill tube, check overflow performance for safety shutdown, check all hoses and pump handle, check break-away couplings, complete written report on all data found.	1,027.06	
02 65 00 00-0029	EA	Check Cathodic Protection - Impressed Current Systems And Sacrificial Anode Systems Note: By Certified Technician. Write report of findings for action if needed	183.53	
02 65 00 00-0030	EA	Check And Report On Monitor Probes..... Note: By Certified Technician	42.21	
02 65 00 00-0031	EA	Tank Monitoring System: Check System Per Manufacturer's Specification By Certified Technician With Written Report..... Note: Including pass / fail; paper feed operational paper installed etc.; and status of inspection repairs needed etc.	293.44	
02 65 00 00-0032	EA	Removal And Replacement Of Anode On Impressed System.....	160.47	
02 65 00 00-0033	EA	Removal And Replacement Of Power Converter On Impressed System On Underground Storage Tank	230.11	
02 65 00 00-0034	EA	Removal And Replacement Of Monitor Probes On Underground Storage Tank	324.92	
02 65 00 00-0035	EA	Ultrasonic Test On Underground Storage Tank.....	196.79	
02 65 00 00-0036		Tests And Sampling Labor Hours (02 65 00 00-0001)		
02 65 00 00-0037	HR	Certified Tank Installer For Underground Storage Tank	106.18	
02 65 00 00-0038	HR	Certified Geologist/Environmentalist	110.00	
02 65 00 00-0039	HR	Hourly Office Work For Reports Required For EPA On Underground Storage Tank..... Note: Includes title searches, well survey data, site drawings, submitting preliminary work, etc. Hours not to be used in association with other tasks performed.	118.82	
02 65 00 00-0040		Remove Tank Contents (02 65)		
02 65 00 00-0041		Transfer Liquid (02 65 00 00-0040) Note: For use to transfer liquids from one tank to another.		
02 65 00 00-0042	GAL	Transfer Reusable Liquid To Different Tank Note: Per gallon of material transferred.	0.59	
02 65 00 00-0043		Remove And Dispose Of Liquid From Tank (02 65 00 00-0040)		
02 65 00 00-0044	GAL	Removal and Disposal Of Hazardous Liquids From Tank	3.48	
02 65 00 00-0045	GAL	Removal and Disposal Of Non-Hazardous Liquid From Tank	1.64	
02 65 00 00-0046		Remove And Dispose Of Solids Or Sludge (02 65 00 00-0040) Note: Includes scraping and solidifying agent.		
02 65 00 00-0047	GAL	Removal and Disposal Of Hazardous Solids Or Sludge From Tank	7.91	
02 65 00 00-0048	GAL	Removal and Disposal Of Non-Hazardous Solids Or Sludge From Tank	2.26	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 65 00 00-0049				Purge Vapors, Open And Clean Tank <small>(02 65)</small>		
02 65 00 00-0050				Purge Vapors <small>(02 65 00 00-0049)</small>		
02 65 00 00-0051	LB			Purge Tank Using Dry Ice..... Note: Approximately 1.5 To 3.0 LBS of dry ice per 100 Gals of tank volume.	4.61	
02 65 00 00-0052				High Pressure Water Wash And Rinse Of Tank Interior <small>(02 65 00 00-0049)</small> Note: Includes removal and disposal of rinse water.		
02 65 00 00-0053	EA			Up To 275 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	348.97	
02 65 00 00-0054	EA			>275 To 550 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	474.28	
02 65 00 00-0055	EA			>550 To 1,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	640.28	
02 65 00 00-0056	EA			>1,000 To 2,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	922.68	
02 65 00 00-0057	EA			>2,000 To 5,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	1,886.21	
02 65 00 00-0058	EA			>5,000 To 6,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,267.03	
02 65 00 00-0059	EA			>6,000 To 8,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	2,697.65	
02 65 00 00-0060	EA			>8,000 To 10,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	3,289.30	
02 65 00 00-0061	EA			>10,000 To 15,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	4,423.98	
02 65 00 00-0062	EA			>15,000 To 20,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	5,315.93	
02 65 00 00-0063	EA			>20,000 To 30,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	6,840.38	
02 65 00 00-0064	EA			>30,000 To 40,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	8,290.30	
02 65 00 00-0065	EA			>40,000 To 50,000 Gallon Tank, High Pressure Water Wash And Rinse Of Tank Interior.....	9,905.88	
02 65 00 00-0066				Scrape Clean Tank Exterior <small>(02 65 00 00-0049)</small>		
02 65 00 00-0067	EA			Up To 275 Gallon Tank, Scrape Clean Tank Exterior.....	228.54	
02 65 00 00-0068	EA			>275 To 550 Gallon Tank, Scrape Clean Tank Exterior.....	304.33	
02 65 00 00-0069	EA			>550 To 1,000 Gallon Tank, Scrape Clean Tank Exterior.....	398.78	
02 65 00 00-0070	EA			>1,000 To 2,000 Gallon Tank, Scrape Clean Tank Exterior.....	552.23	
02 65 00 00-0071	EA			>2,000 To 5,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,222.94	
02 65 00 00-0072	EA			>5,000 To 6,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,548.49	
02 65 00 00-0073	EA			>6,000 To 8,000 Gallon Tank, Scrape Clean Tank Exterior.....	1,812.02	
02 65 00 00-0074	EA			>8,000 To 10,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,277.96	
02 65 00 00-0075	EA			>10,000 To 15,000 Gallon Tank, Scrape Clean Tank Exterior.....	2,960.80	
02 65 00 00-0076	EA			>15,000 To 20,000 Gallon Tank, Scrape Clean Tank Exterior.....	3,716.39	
02 65 00 00-0077	EA			>20,000 To 30,000 Gallon Tank, Scrape Clean Tank Exterior.....	4,839.05	
02 65 00 00-0078	EA			>30,000 To 40,000 Gallon Tank, Scrape Clean Tank Exterior.....	5,806.85	
02 65 00 00-0079	EA			>40,000 To 50,000 Gallon Tank, Scrape Clean Tank Exterior.....	7,258.57	
02 65 00 00-0080				Tank And Piping Removal <small>(02 65)</small> Note: Excludes excavation.		
02 65 00 00-0081				Removal And Disposal Of Piping <small>(02 65 00 00-0080)</small> Note: Includes removal, inspection, loading, transporting pipe to disposal facility or transfer station within 15 miles and disposal fees.		
02 65 00 00-0082	LF			Up To 4", Removal And Disposal Of Piping.....	18.27	
02 65 00 00-0083	LF			>4" To 8", Removal And Disposal Of Piping.....	24.35	
02 65 00 00-0084				Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement <small>(02 65 00 00-0080)</small> Note: Excludes excavation or backfill.		
02 65 00 00-0085	EA			Up To 275 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	645.81	
02 65 00 00-0086	EA			>275 To 550 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	784.19	
02 65 00 00-0087	EA			>550 To 1,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	922.59	
02 65 00 00-0088	EA			>1,000 To 2,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,153.24	
02 65 00 00-0089	EA			>2,000 To 5,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	1,614.52	
02 65 00 00-0090	EA			>5,000 To 6,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,029.68	
02 65 00 00-0091	EA			>6,000 To 8,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,306.46	
02 65 00 00-0092	EA			>8,000 To 10,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	2,767.76	
02 65 00 00-0093	EA			>10,000 To 15,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	3,690.34	
02 65 00 00-0094	EA			>15,000 To 20,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	4,423.91	
02 65 00 00-0095	EA			>20,000 To 30,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	5,183.91	
02 65 00 00-0096	EA			>30,000 To 40,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	6,064.73	
02 65 00 00-0097	EA			>40,000 To 50,000 Gallon Tank, Cut Straps, Extract Tank From The Diggings And Block To Prevent Movement.....	7,580.90	
02 65 00 00-0098				Cut Tank Into Sections That Can Easily Be Transported And Disposed Of When Necessary <small>(02 65 00 00-0080)</small> Note: Includes 1 lengthwise at every 4' on-center height wise.		
02 65 00 00-0099	EA			>1,000 To 2,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	813.27	
02 65 00 00-0100	EA			>2,000 To 5,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,516.65	
02 65 00 00-0101	EA			>5,000 To 6,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	1,824.38	
02 65 00 00-0102	EA			>6,000 To 8,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,033.19	
02 65 00 00-0103	EA			>8,000 To 10,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	2,439.82	
02 65 00 00-0104	EA			>10,000 To 15,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,033.29	
02 65 00 00-0105	EA			>15,000 To 20,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	3,648.75	
02 65 00 00-0106	EA			>20,000 To 30,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	4,560.93	
02 65 00 00-0107	EA			>30,000 To 40,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	5,701.18	
02 65 00 00-0108	EA			>40,000 To 50,000 Gallon Tank, Cut Tank Into Sections That Can Easily Be Transported And Disposed Of.....	7,126.47	

02 Existing Conditions**02 60 Contaminated Site Material Removal**

02 65 Underground Storage Tank Removal

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 65 00 00-0109		Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	
		<small>(02 65 00 00-0080)</small>	
		Note: Includes disposal fee.	
02 65 00 00-0110	EA	Up To 275 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station	511.93
		<i>For Each Additional Mile >15 Miles, Add</i>	4.30
02 65 00 00-0111	EA	>275 To 550 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	727.15
		<i>For Each Additional Mile >15 Miles, Add</i>	5.43
02 65 00 00-0112	EA	>550 To 1,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	1,175.73
		<i>For Each Additional Mile >15 Miles, Add</i>	8.15
02 65 00 00-0113	EA	>1,000 To 2,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	2,079.89
		<i>For Each Additional Mile >15 Miles, Add</i>	9.50
02 65 00 00-0114	EA	>2,000 To 5,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,672.66
		<i>For Each Additional Mile >15 Miles, Add</i>	16.75
02 65 00 00-0115	EA	>5,000 To 6,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,726.97
		<i>For Each Additional Mile >15 Miles, Add</i>	18.10
02 65 00 00-0116	EA	>6,000 To 8,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	3,817.50
		<i>For Each Additional Mile >15 Miles, Add</i>	20.37
02 65 00 00-0117	EA	>8,000 To 10,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	5,732.11
		<i>For Each Additional Mile >15 Miles, Add</i>	27.16
02 65 00 00-0118	EA	>10,000 To 15,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	7,578.33
		<i>For Each Additional Mile >15 Miles, Add</i>	40.73
02 65 00 00-0119	EA	>15,000 To 20,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	9,062.50
		<i>For Each Additional Mile >15 Miles, Add</i>	45.26
02 65 00 00-0120	EA	>20,000 To 30,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	11,350.91
		<i>For Each Additional Mile >15 Miles, Add</i>	54.31
02 65 00 00-0121	EA	>30,000 To 40,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	16,771.23
		<i>For Each Additional Mile >15 Miles, Add</i>	65.17
02 65 00 00-0122	EA	>40,000 To 50,000 Gallon Tank, Load, Transport, And Dispose Of Tank At Disposal Facility Or Transfer Station.....	20,561.69
		<i>For Each Additional Mile >15 Miles, Add</i>	74.95
02 65 00 00-0123		Other Storage Tank Removals <small>(02 65 00 00-0080)</small>	
02 65 00 00-0124	GAL	Removal Of Cement Lining	0.55
02 65 00 00-0125	GAL	Sandblast Tank In Prep For Lining Or Welding; Remove Sand, Vacuum Walls And Seams.....	0.20
02 65 00 00-0126	GAL	Install Epoxy For Interior Corrosion Protection	1.09
02 65 00 00-0127		Tank Closure Report <small>(02 65 00 00-0080)</small>	
		Note: Excludes soils tests. See CSI section 02 65 00 00-0006 for soil tests.	
02 65 00 00-0128	EA	Prepare Tank Closure Report	2,995.62
02 65 00 00-0129		Temporary Tanks <small>(02 65)</small>	
02 65 00 00-0130		Temporary Holding Tanks <small>(02 65 00 00-0129)</small>	
02 65 00 00-0131		Above Ground Temporary Holding Tanks, Monthly Rental <small>(02 65 00 00-0130)</small>	
02 65 00 00-0132	MO	550 Gallon, Stainless Steel, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	915.92
02 65 00 00-0133	MO	630 Gallon, Polyethylene, DOT Approved, Above Ground Temporary Holding Tanks, Monthly Rental	915.92
02 65 00 00-0134	MO	630 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,831.84
02 65 00 00-0135	MO	4,000 Gallon, Polyethylene, Stackable, Above Ground Temporary Holding Tanks, Monthly Rental	1,373.88
02 65 00 00-0136	MO	4,000 Gallon, Polyethylene, Trailer Mounted, Above Ground Temporary Holding Tanks, Monthly Rental.....	3,205.72
02 65 00 00-0137	MO	6,000 Gallon, Polyethylene, Total Drain, Above Ground Temporary Holding Tanks, Monthly Rental.....	2,289.80
02 65 00 00-0138	MO	21,000 Gallon (500 BBL), Steel, Open, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental.....	5,549.86
02 65 00 00-0139	MO	21,000 Gallon (500 BBL), Steel, Closed, Stationary, Above Ground Temporary Holding Tanks, Monthly Rental	6,651.02
02 65 00 00-0140	MO	21,000 Gallon (500 BBL), Steel, Vapor Proof, Above Ground Temporary Holding Tanks, Monthly Rental	11,231.86
02 65 00 00-0141		Secondary Containment Berm <small>(02 65 00 00-0129)</small>	
02 65 00 00-0142	MO	Secondary Containment Berm Monthly Rental	1,984.50

02 80 Facility Remediation(02)**02 81 Transportation and Disposal of Hazardous Materials**(02 80)

02 81 00 00-0001		Hazardous Material Disposal <small>(02 81)</small>	
02 81 00 00-0002	EA	Non-RCRA (Direct Landfill) Drums, No Stabilization	242.95
02 81 00 00-0003	EA	RCRA (Direct Landfill) Drums	485.61
		Note: Excludes stabilization. See CSI section 02 81 00 00-0004 for Stabilization (>5 ppm).	
02 81 00 00-0004	EA	Stabilization (>5 ppm).....	647.09
02 81 00 00-0005	TON	Bulk Hazardous Material Landfill Cost.....	409.65
02 81 00 00-0006		Equipment Oil Drain And Disposal <small>(02 81)</small>	
02 81 00 00-0007	TRIP	Drain Oil Filled Equipment, Place In Approved Container And Transport To Disposal Site	643.12
		Note: Excludes Disposal Cost.	
02 81 00 00-0008	DRM	Disposal Of Non-Polychlorinated Biphenyl (PCB) Oil In Normal Landfill, Per Partial Or Full 55-Gallon Drum	101.06
		Note: Excludes draining, placing in approved container, and transporting to disposal site.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 81 00 00-0009 DRM Disposal Of Non-Toxic Polychlorinated Biphenyl (PCB) Oil Into A Lined Landfill, Per Partial Or Full 55-Gallon Drum.....	459.38	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0010 DRM Disposal of Toxic Polychlorinated Biphenyl (PCB) Oil By Incineration, Per Partial Or Full 55-Gallon Drum.....	826.88	
Note: Excludes draining, placing in approved container, and transporting to disposal site.		
02 81 00 00-0011 CF Hazardous Polychlorinated Biphenyl (PCB) Oil Filled Equipment Disposal At Approved Site.....	110.30	
Note: Includes handling of equipment and disposal at approved site. Excludes draining of PCB contaminated oil prior to disposal.		

02 82 Asbestos Remediation (02 80)

See CSI section 01 56 16 00-0033 for temporary stud walls, 01 74 19 00-0045 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0018 for decontamination chambers.

02 82 13 Asbestos Abatement (02 82)

02 82 13 00-0001 Air Monitoring And Bulk Sampling, Asbestos Testing (02 82 13)

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Polarizing Light Microscope (PLM), Phase Contrast Microscope (PCM), and Transmission Electron Microscope (TEM). Excludes sampling time.

02 82 13 00-0002 HR Certified Asbestos Air Sampling Technician For Bulk Sampling Or Air Monitoring.....	87.53
02 82 13 00-0003 EA 48 Hours Or Longer Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing.....	59.83
02 82 13 00-0004 EA Next Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing.....	70.15
02 82 13 00-0005 EA Same Day Turnaround, (Bulk Point Counting) PLM Test, Asbestos Testing.....	111.41
02 82 13 00-0006 EA 48 Hours Or Longer Turnaround, (Bulk) TEM Test, Asbestos Testing.....	191.88
02 82 13 00-0007 EA Next Day Turnaround, (Bulk) TEM Test, Asbestos Testing.....	233.14
02 82 13 00-0008 EA 48 Hours Or Longer Turnaround, (Air) PCM Test, Asbestos Testing.....	47.45
02 82 13 00-0009 EA Next Day Turnaround, (Air) PCM Test, Asbestos Testing.....	57.77
02 82 13 00-0010 EA Same Day Turnaround, (Air) PCM Test, Asbestos Testing.....	78.40
02 82 13 00-0011 EA 48 Hours Or Longer Turnaround, (Air Point Counting) PLM Test.....	59.83
02 82 13 00-0012 EA Next Day Turnaround, (Air Point Counting) PLM Test.....	70.15
02 82 13 00-0013 EA Same Day Turnaround, (Air Point Counting) PLM Test.....	111.41
02 82 13 00-0014 EA 48 Hours Or Longer Turnaround, (Air) TEM Test, Asbestos Testing.....	191.88
02 82 13 00-0015 EA Next Day Turnaround, (Air) TEM Test, Asbestos Testing.....	220.76
02 82 13 00-0016 EA Same Day Turnaround, (Air) TEM Test, Asbestos Testing.....	307.42

02 82 16 Engineering Control of Asbestos Containing Materials (02 82)

02 82 16 00-0001 Asbestos Encapsulation (Lock-Down) (02 82 16)

02 82 16 00-0002 SF Asbestos Encapsulant Spray Adhesive (Lock-Down), Per Coat.....	1.58
02 82 16 00-0003 SF Asbestos Binding Compound Encapsulant/Sealant, Per Coat Required (Fiberlock® ABC® Asbestos Binding Compound).....	2.16
02 82 16 00-0004 SF Asbestos Fiberspray Encapsulation (Fiberlock® ABC Fiberspray®).....	2.36
02 82 16 00-0005 SF Asbestos Acrylic Encasement/Encapsulation (Fiberlock® Lag-Kote®).....	2.55
02 82 16 00-0006 SF Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kwik®).....	8.01
02 82 16 00-0007 SF Water Activated Repair Cloth Encapsulant (Fiberlock® Lag-Kloth®).....	9.10

02 82 33 Removal and Disposal of Asbestos Containing Materials (02 82)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, lockdown encapsulant applied to surfaces, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal of waste at transfer facility or final destination, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete abatement and disposal of the ACM in accordance with EPA, OSHA, and local regulations. Where types of ACM are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 10 LF or SF (10 LF to 20 LF for ACM pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. This does not apply to glove bag projects.

02 82 33 00-0001 Pipe And Pipe Fittings Insulation, Asbestos Abatement And Disposal (02 82 33)

02 82 33 00-0002 Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0001)

Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.

02 82 33 00-0003 Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0004 SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,137.25
For Work In Restricted Working Space, Add	326.54
02 82 33 00-0005 LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	39.54
For Work In Restricted Working Space, Add	11.13
02 82 33 00-0006 LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	30.27
For Work In Restricted Working Space, Add	8.35
02 82 33 00-0007 LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	23.31
For Work In Restricted Working Space, Add	6.26
02 82 33 00-0008 LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	18.09
For Work In Restricted Working Space, Add	4.70
02 82 33 00-0009 LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	16.05
For Work In Restricted Working Space, Add	4.08

02 82 33 00-0010 >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0002)

See CSI section 02 82 33 00-0031 for projects with less than 10 LF.

02 82 33 00-0011 SET Up To 20 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal.....	1,186.04
For Work In Restricted Working Space, Add	326.54

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0012 LF >20 To 250 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	47.56 12.80	
02 82 33 00-0013 LF >250 To 500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	36.89 9.60	
02 82 33 00-0014 LF >500 To 2,500 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	28.88 7.20	
02 82 33 00-0015 LF >2,500 To 10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	22.88 5.40	
02 82 33 00-0016 LF >10,000 LF, >6" To 12" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	20.53 4.70	
02 82 33 00-0017 >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal ⁽⁰²		
^{82 33 00-0002)} See CSI section 02 82 33 00-0031 for projects with less than 10 LF.		
02 82 33 00-0018 SET Up To 20 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	1,234.82 326.54	
02 82 33 00-0019 LF >20 To 250 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	63.39 17.07	
02 82 33 00-0020 LF >250 To 500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	49.17 12.80	
02 82 33 00-0021 LF >500 To 2,500 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	38.51 9.60	
02 82 33 00-0022 LF >2,500 To 10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	30.50 7.20	
02 82 33 00-0023 LF >10,000 LF, >12" To 18" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	27.37 6.26	
02 82 33 00-0024 >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal ⁽⁰²		
^{82 33 00-0002)} See CSI section 02 82 33 00-0031 for projects with less than 10 LF.		
02 82 33 00-0025 SET Up To 20 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	1,283.61 326.54	
02 82 33 00-0026 LF >20 To 250 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	87.19 23.48	
02 82 33 00-0027 LF >250 To 500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	67.61 17.60	
02 82 33 00-0028 LF >500 To 2,500 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	52.94 13.20	
02 82 33 00-0029 LF >2,500 To 10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	41.92 9.89	
02 82 33 00-0030 LF >10,000 LF, >18" To 24" Diameter Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	37.63 8.61	
02 82 33 00-0031 Glove Bag Method, Pipe Insulation, Asbestos Abatement And Disposal ^{(02 82 33}		
⁰⁰⁻⁰⁰⁰²⁾ Note: Solid isolation barriers and plastic sheeting for containment construction (except on floor) are not required for glove bag projects unless required by local codes.		
02 82 33 00-0032 SET Glove Bag For First 3 LF Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	714.89 210.08	
02 82 33 00-0033 LF >3 To 20 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	121.59 35.01	
02 82 33 00-0034 LF >20 To 250 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	50.18 13.59	
02 82 33 00-0035 LF >250 To 500 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	38.85 10.19	
02 82 33 00-0036 LF >500 LF Additional Glove Bag Work for Pipe Insulation..... <i>For Work In Restricted Working Space, Add</i>	30.36 7.64	
02 82 33 00-0037 Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement		
And Disposal ^(02 82 33 00-0001)		
Note: Diameter is outer size of insulation. Treat fittings as additional linear feet of insulation.		
02 82 33 00-0038 Up To 6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation,		
Asbestos Abatement And Disposal ^(02 82 33 00-0037)		
See CSI section 02 82 33 00-0031 for projects with less than 10 LF.		
02 82 33 00-0039 SET Up To 20 LF, Up To 6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	1,137.25 326.54	
02 82 33 00-0040 LF >20 To 250 LF, Up To 6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	39.54 11.13	
02 82 33 00-0041 LF >250 To 500 LF, Up To 6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	30.27 8.35	
02 82 33 00-0042 LF >500 To 2,500 LF, Up To 6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	23.31 6.26	
02 82 33 00-0043 LF >2,500 To 10,000 LF, Up To 6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	18.09 4.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0044 LF >10,000 LF, Up To 6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal.....	16.05	
<i>For Work In Restricted Working Space, Add</i>	4.08	
02 82 33 00-0045 >6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal (02 82 33 00-0037)		
See CSI section 02 82 33 00-0031 for projects with less than 10 LF.		
02 82 33 00-0046 SET Up To 20 LF, >6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal.....	1,186.04	
<i>For Work In Restricted Working Space, Add</i>	326.54	
02 82 33 00-0047 LF >20 To 250 LF, >6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal.....	47.56	
<i>For Work In Restricted Working Space, Add</i>	12.80	
02 82 33 00-0048 LF >250 To 500 LF, >6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal.....	36.89	
<i>For Work In Restricted Working Space, Add</i>	9.60	
02 82 33 00-0049 LF >500 To 2,500 LF, >6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal.....	28.88	
<i>For Work In Restricted Working Space, Add</i>	7.20	
02 82 33 00-0050 LF >2,500 To 10,000 LF, >6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal.....	22.88	
<i>For Work In Restricted Working Space, Add</i>	5.40	
02 82 33 00-0051 LF >10,000 LF, >6" Diameter Asbestos Contaminated Non-ACM Pipe Insulation, Asbestos Abatement And Disposal.....	20.53	
<i>For Work In Restricted Working Space, Add</i>	4.70	
02 82 33 00-0052 Thermal Insulation, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0053 Calcium Block Insulation, Asbestos Abatement And Disposal (02 82 33 00-0052)		
02 82 33 00-0054 SET Up To 10 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	1,112.85	
02 82 33 00-0055 SF >10 To 500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	46.79	
02 82 33 00-0056 SF >500 To 2,500 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	38.91	
02 82 33 00-0057 SF >2,500 To 10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal.....	31.60	
02 82 33 00-0058 SF >10,000 SF, Calcium Block Insulation, Asbestos Abatement And Disposal	26.11	
02 82 33 00-0059 Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal (02 82 33 00-0052)		
02 82 33 00-0060 SET Up To 10 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal	1,100.66	
02 82 33 00-0061 SF >10 To 500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	40.50	
02 82 33 00-0062 SF >500 To 2,500 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	32.62	
02 82 33 00-0063 SF >2,500 To 10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	25.30	
02 82 33 00-0064 SF >10,000 SF, Fibrous Glass Blanket Insulation, Asbestos Abatement And Disposal.....	19.83	
02 82 33 00-0065 Fibrous Glass Board Insulation, Asbestos Abatement And Disposal (02 82 33 00-0052)		
02 82 33 00-0066 SET Up To 10 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	1,096.59	
02 82 33 00-0067 SF >10 To 500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	35.74	
02 82 33 00-0068 SF >500 To 2,500 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal.....	27.86	
02 82 33 00-0069 SF >2,500 To 10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	20.54	
02 82 33 00-0070 SF >10,000 SF, Fibrous Glass Board Insulation, Asbestos Abatement And Disposal	15.00	
02 82 33 00-0071 Other Thermal Insulation, Up To 3" Thickness, Asbestos Abatement And Disposal (02 82 33 00-0052)		
Note: e.g., duct, boiler, tank, etc.		
02 82 33 00-0072 SET Up To 25 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	1,118.95	
02 82 33 00-0073 SF >25 To 500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal	38.32	
02 82 33 00-0074 SF >500 To 2,500 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	30.44	
02 82 33 00-0075 SF >2,500 To 10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	23.13	
02 82 33 00-0076 SF >10,000 SF, Up To 3" Thickness Thermal Insulation, Asbestos Abatement And Disposal.....	17.66	
02 82 33 00-0077 Surfacing Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0078 Fireproofing For Small Areas, Asbestos Abatement And Disposal (02 82 33 00-0077)		
Note: For asbestos abatement for up to 1 SF sections to expose area for attachments. See CSI section 02 82 33 00-0080 for areas > 1 SF see CSI section.		
02 82 33 00-0079 EA Up To 1 SF, Fireproofing For Small Areas, Asbestos Abatement And Disposal.....	182.63	
Note: For asbestos abatement for up to 1 SF sections to expose steel area for welding attachments.		
02 82 33 00-0080 Fireproofing, Asbestos Abatement And Disposal (02 82 33 00-0077)		
Note: Exposed surface area, includes associated overspray.		
02 82 33 00-0081 SET Up To 25 SF, Fireproofing, Asbestos Abatement And Disposal	1,118.95	
02 82 33 00-0082 SF >25 To 500 SF, Fireproofing, Asbestos Abatement And Disposal	45.74	
02 82 33 00-0083 SF >500 To 2,500 SF, Fireproofing, Asbestos Abatement And Disposal	34.60	
02 82 33 00-0084 SF >2,500 To 10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	26.26	
02 82 33 00-0085 SF >10,000 SF, Fireproofing, Asbestos Abatement And Disposal.....	19.99	
02 82 33 00-0086 Acoustical Plaster, Asbestos Abatement And Disposal (02 82 33 00-0077)		
Note: Remove surface coat from brown coat or remove entire assembly, including lathe and finish materials.		

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0087	SET		Up To 25 SF, Acoustical Plaster, Asbestos Abatement And Disposal	1,108.79	
02 82 33 00-0088	SF		>25 To 500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	19.41	
02 82 33 00-0089	SF		>500 To 2,500 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	14.87	
02 82 33 00-0090	SF		>2,500 To 10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	11.24	
02 82 33 00-0091	SF		>10,000 SF, Acoustical Plaster, Asbestos Abatement And Disposal.....	8.52	
02 82 33 00-0092			Gypsum Wall Board, Asbestos Abatement And Disposal (02 82 33 00-0077)		
02 82 33 00-0093	SET		Up To 50 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	1,129.12	
			<i>For Additional Layer, Add</i>	299.33	
02 82 33 00-0094	SF		>50 To 500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	15.10	
			<i>For Additional Layer, Add</i>	3.93	
02 82 33 00-0095	SF		>500 To 2,500 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	11.24	
			<i>For Additional Layer, Add</i>	2.87	
02 82 33 00-0096	SF		>2,500 To 10,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	8.97	
			<i>For Additional Layer, Add</i>	2.24	
02 82 33 00-0097	SF		>10,000 To 50,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal	7.16	
			<i>For Additional Layer, Add</i>	1.75	
02 82 33 00-0098	SF		>50,000 To 100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	5.80	
			<i>For Additional Layer, Add</i>	1.37	
02 82 33 00-0099	SF		>100,000 SF, Single Layer Gypsum Wall Board, Asbestos Abatement And Disposal.....	4.80	
			<i>For Additional Layer, Add</i>	1.10	
02 82 33 00-0100			Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal (02 82 33 00-0077)		
02 82 33 00-0101	SET		Up To 25 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	1,108.79	
02 82 33 00-0102	SF		>25 To 500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	27.93	
02 82 33 00-0103	SF		>500 To 2,500 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	20.68	
02 82 33 00-0104	SF		>2,500 To 10,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	16.32	
02 82 33 00-0105	SF		>10,000 To 50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal	12.87	
02 82 33 00-0106	SF		>50,000 SF, Gypsum Wall Board (Or Backer Board) With Ceramic Tile And Mastic, Asbestos Abatement And Disposal.....	9.43	
02 82 33 00-0107			Stucco, Asbestos Abatement And Disposal (02 82 33 00-0077)		
02 82 33 00-0108	SET		Up To 50 SF, Stucco, Asbestos Abatement And Disposal.....	1,129.12	
02 82 33 00-0109	SF		>50 To 500 SF, Stucco, Asbestos Abatement And Disposal	24.47	
02 82 33 00-0110	SF		>500 To 2,500 SF, Stucco, Asbestos Abatement And Disposal.....	18.54	
02 82 33 00-0111	SF		>2,500 To 10,000 SF, Stucco, Asbestos Abatement And Disposal	14.13	
02 82 33 00-0112	SF		>10,000 SF, Stucco, Asbestos Abatement And Disposal	10.79	
02 82 33 00-0113			Spray On Acoustical Ceiling, Asbestos Abatement And Disposal (02 82 33 00-0077)		
02 82 33 00-0114	SET		Up To 50 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal	1,129.12	
02 82 33 00-0115	SF		>50 To 500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	12.90	
02 82 33 00-0116	SF		>500 To 2,500 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	10.70	
02 82 33 00-0117	SF		>2,500 To 10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	7.62	
02 82 33 00-0118	SF		>10,000 SF, Spray On Acoustical Ceiling, Asbestos Abatement And Disposal.....	5.91	
02 82 33 00-0119			Plywood, Asbestos Abatement And Disposal (02 82 33 00-0077)		
02 82 33 00-0120	SET		Up To 40 SF, Plywood, Asbestos Abatement And Disposal	1,120.99	
02 82 33 00-0121	SF		>50 To 500 SF, Plywood, Asbestos Abatement And Disposal	16.23	
02 82 33 00-0122	SF		>500 To 2,500 SF, Plywood, Asbestos Abatement And Disposal.....	8.23	
02 82 33 00-0123	SF		>2,500 To 10,000 SF, Plywood, Asbestos Abatement And Disposal.....	5.82	
02 82 33 00-0124	SF		>10,000 SF, Plywood, Asbestos Abatement And Disposal.....	5.08	
02 82 33 00-0125			Flooring Material, Asbestos Abatement And Disposal (02 82 33)		
02 82 33 00-0126			Floor Tile, Linoleum, Carpet Or Base, Asbestos Abatement And Disposal (02 82 33 00-0125)		
02 82 33 00-0127			Floor Tile, Asbestos Abatement And Disposal (02 82 33 00-0126)		
			Note: Single layer or first of multiple layers. Excludes mastic.		
02 82 33 00-0128	SET		Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal	1,096.59	
			<i>For Each Additional Layer, Add</i>	164.49	
02 82 33 00-0129	SF		>100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	8.23	
			<i>For Each Additional Layer, Add</i>	1.23	
02 82 33 00-0130	SF		>500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	6.84	
			<i>For Each Additional Layer, Add</i>	1.03	
02 82 33 00-0131	SF		>2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	5.57	
			<i>For Each Additional Layer, Add</i>	0.84	
02 82 33 00-0132	SF		>10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile, Asbestos Abatement And Disposal.....	4.03	
			<i>For Each Additional Layer, Add</i>	0.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0133 Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal <small>(02 82 33 00-0126)</small>		
<i>Note: Single layer or first of multiple layers. Excludes mastic.</i>		
02 82 33 00-0134 SET Up To 100 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	1,096.59	
<i>For Each Additional Layer, Add</i>	<i>164.49</i>	
02 82 33 00-0135 SF >100 To 500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	8.23	
<i>For Each Additional Layer, Add</i>	<i>1.23</i>	
02 82 33 00-0136 SF >500 To 2,500 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	6.86	
<i>For Each Additional Layer, Add</i>	<i>1.03</i>	
02 82 33 00-0137 SF >2,500 To 10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	6.28	
<i>For Each Additional Layer, Add</i>	<i>0.94</i>	
02 82 33 00-0138 SF >10,000 SF, Single Layer Or Multiple Layers, Linoleum Or Vinyl Sheet, Asbestos Abatement And Disposal.....	5.19	
<i>For Each Additional Layer, Add</i>	<i>0.76</i>	
02 82 33 00-0139 Carpet, Asbestos Abatement And Disposal <small>(02 82 33 00-0126)</small>		
02 82 33 00-0140 SET Up To 100 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	1,096.59	
02 82 33 00-0141 SF >100 To 500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	6.55	
02 82 33 00-0142 SF >500 To 2,500 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	5.41	
02 82 33 00-0143 SF >2,500 To 10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	4.11	
02 82 33 00-0144 SF >10,000 SF, Carpet With Non-Friable Asbestos Mastic, Asbestos Abatement And Disposal.....	3.26	
02 82 33 00-0145 Wall Or Cove Base, Asbestos Abatement And Disposal <small>(02 82 33 00-0126)</small>		
<i>Note: Up to 12".</i>		
02 82 33 00-0146 SET Up To 25 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	372.98	
02 82 33 00-0147 LF >25 To 100 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	5.25	
02 82 33 00-0148 LF >100 To 500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	3.31	
02 82 33 00-0149 LF >500 To 2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	2.23	
02 82 33 00-0150 LF >2,500 LF, Wall Base And Mastic, Asbestos Abatement And Disposal.....	1.68	
02 82 33 00-0151 Carpet Containment (Burrito Wrap) And Disposal <small>(02 82 33 00-0126)</small>		
02 82 33 00-0152 SET Up To 10 SF, Carpet, Non-Friable Asbestos Burrito Wrap and Disposal.....	370.95	
02 82 33 00-0153 SF >10 To 500 SF, Carpet, Non-Friable Asbestos Burrito Wrap and Disposal.....	2.71	
02 82 33 00-0154 SF >500 To 2,500 SF, Carpet, Non-Friable Asbestos Burrito Wrap and Disposal.....	1.99	
02 82 33 00-0155 SF >2,500 To 10,000 SF, Carpet, Non-Friable Asbestos Burrito Wrap and Disposal.....	1.50	
02 82 33 00-0156 SF >10,000 SF, Carpet, Non-Friable Asbestos Burrito Wrap and Disposal.....	1.29	
02 82 33 00-0157 Mastic, Asbestos Abatement And Disposal <small>(02 82 33 00-0125)</small>		
<i>Note: Applies to single layer or bottom layer only of multiple layers. Non-hydrocarbon with pine, citrus or no odor.</i>		
02 82 33 00-0158 SET Up To 100 SF, Mastic, Asbestos Abatement And Disposal.....	1,108.80	
<i>Note: Applies to bottom layer only if multiple layers.</i>		
02 82 33 00-0159 SF >100 To 500 SF, Mastic, Asbestos Abatement And Disposal.....	2.91	
<i>Note: Applies to bottom layer only if multiple layers.</i>		
02 82 33 00-0160 SF >500 To 2,500 SF, Mastic, Asbestos Abatement And Disposal.....	2.19	
<i>Note: Applies to bottom layer only if multiple layers.</i>		
02 82 33 00-0161 SF >2,500 To 10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.74	
<i>Note: Applies to bottom layer only if multiple layers.</i>		
02 82 33 00-0162 SF >10,000 SF, Mastic, Asbestos Abatement And Disposal.....	1.43	
<i>Note: Applies to bottom layer only if multiple layers.</i>		
02 82 33 00-0163 Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal <small>(02 82 33 00-0125)</small>		
<i>Note: Includes finish wood, asbestos barrier paper, cleanup of sub-wood floor, fasteners, wood fillers and protection of clean crawl space from contamination.</i>		
02 82 33 00-0164 SET Up To 100 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	1,169.79	
02 82 33 00-0165 SF >100 To 500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	9.38	
02 82 33 00-0166 SF >500 To 2,500 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	7.07	
02 82 33 00-0167 SF >2,500 To 10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	5.71	
02 82 33 00-0168 SF >10,000 SF, Hardwood Flooring System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.62	
02 82 33 00-0169 Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal <small>(02 82 33 00-0125)</small>		
02 82 33 00-0170 SET Up To 100 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	1,129.10	
02 82 33 00-0171 SF >100 To 500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	10.12	
02 82 33 00-0172 SF >500 To 2,500 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	6.76	
<i>Note: Includes detachment of mounted objects before removal.</i>		
02 82 33 00-0173 SF >2,500 To 10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	5.40	
02 82 33 00-0174 SF >10,000 SF, Cementitious Underlayment For Flooring, Asbestos Abatement And Disposal.....	4.50	
02 82 33 00-0175 Roofing, Asbestos Abatement And Disposal <small>(02 82 33)</small>		

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0176		Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0175) Note: Includes roofing, flashing, sheet metal, insulation, pitch pockets, board etc.		
02 82 33 00-0177		Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0176)		
02 82 33 00-0178	SET	Up To 125 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,190.12	
02 82 33 00-0179	SF	>125 To 1,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.77	
02 82 33 00-0180	SF	>1,000 To 5,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.38	
02 82 33 00-0181	SF	>5,000 To 10,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.26	
02 82 33 00-0182	SF	>10,000 To 20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.14	
02 82 33 00-0183	SF	>20,000 SF, Up To 2" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	3.31	
02 82 33 00-0184		>2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0176)		
02 82 33 00-0185	SET	Up To 110 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,267.35	
02 82 33 00-0186	SF	>110 To 1,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.55	
02 82 33 00-0187	SF	>1,000 To 5,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	7.94	
02 82 33 00-0188	SF	>5,000 To 10,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.72	
02 82 33 00-0189	SF	>10,000 To 20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.44	
02 82 33 00-0190	SF	>20,000 SF, >2" To 5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	4.48	
02 82 33 00-0191		>5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0176)		
02 82 33 00-0192	SET	Up To 110 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	1,356.79	
02 82 33 00-0193	SF	>110 To 1,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	11.23	
02 82 33 00-0194	SF	>1,000 To 5,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	9.45	
02 82 33 00-0195	SF	>5,000 To 10,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	8.09	
02 82 33 00-0196	SF	>10,000 To 20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	6.68	
02 82 33 00-0197	SF	>20,000 SF, >5" Average Thickness, Built-Up Tar And Felt Roofing, Asbestos Abatement And Disposal.....	5.60	
02 82 33 00-0198		Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0175)		
02 82 33 00-0199		Shingles And Felt Roofing, Asbestos Abatement And Disposal (02 82 33 00-0198)		
02 82 33 00-0200	SET	Up To 125 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	1,113.87	
02 82 33 00-0201	SF	>125 To 1,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers.	7.16	
02 82 33 00-0202	SF	>1,000 To 5,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers. <i>For Each Additional Layer, Add</i>	1.43 5.77	
02 82 33 00-0203	SF	>5,000 To 10,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers. <i>For Each Additional Layer, Add</i>	1.15 4.65	
02 82 33 00-0204	SF	>10,000 To 20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers. <i>For Each Additional Layer, Add</i>	0.93 3.53	
02 82 33 00-0205	SF	>20,000 SF, Shingles And Felt Roofing, Asbestos Abatement And Disposal..... Note: Single or first of multiple layers. <i>For Each Additional Layer, Add</i>	0.71 2.70 0.54	
02 82 33 00-0206		Roof Penetration Mastic, Asbestos Abatement And Disposal (02 82 33 00-0175)		
02 82 33 00-0207	SET	Up To 10 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	364.85	
02 82 33 00-0208	SF	>10 To 50 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.92	
02 82 33 00-0209	SF	>50 To 100 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.44	
02 82 33 00-0210	SF	>100 To 250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	2.00	
02 82 33 00-0211	SF	>250 SF, Roof Penetration Mastic, Asbestos Abatement And Disposal.....	1.50	
02 82 33 00-0212		Roof Curb Mastic, Asbestos Abatement And Disposal (02 82 33 00-0175)		
02 82 33 00-0213	SET	Up To 10 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	364.85	
02 82 33 00-0214	LF	>10 To 20 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	8.36	
02 82 33 00-0215	LF	>20 To 50 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	6.73	
02 82 33 00-0216	LF	>50 To 150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	5.64	
02 82 33 00-0217	LF	>150 LF, Roof Curb Mastic, Asbestos Abatement And Disposal.....	4.11	
02 82 33 00-0218		Asbestos-Cement Products, Asbestos Abatement And Disposal (02 82 33)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0219 Interior Asbestos-Cement Board, Asbestos Abatement And Disposal <small>(02 82 33 00-0218)</small>		
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0220 SET Up To 100 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,129.10	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0221 SF >100 To 500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	7.83	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0222 SF >500 To 2,500 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	4.12	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0223 SF >2,500 To 10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.38	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0224 SF >10,000 SF, Interior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.99	
Note: Includes detachment of mounted objects before removal.		
02 82 33 00-0225 Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal <small>(02 82 33 00-0218)</small>		
02 82 33 00-0226 SET Up To 100 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	1,129.10	
02 82 33 00-0227 SF >100 To 500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	6.85	
02 82 33 00-0228 SF >500 To 2,500 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.71	
02 82 33 00-0229 SF >2,500 To 10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	3.05	
02 82 33 00-0230 SF >10,000 SF, Exterior Asbestos-Cement Board, Asbestos Abatement And Disposal	2.70	
02 82 33 00-0231 Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal <small>(02 82 33 00-0218)</small>		
02 82 33 00-0232 SET Up To 10 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	955.83	
02 82 33 00-0233 LF >10 To 100 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	41.98	
02 82 33 00-0234 LF >100 To 250 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	32.71	
02 82 33 00-0235 LF >250 To 500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	25.75	
02 82 33 00-0236 LF >500 To 2,500 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	20.53	
02 82 33 00-0237 LF >2,500 To 10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	16.62	
02 82 33 00-0238 LF >10,000 LF, Up To 12" Diameter Asbestos-Cement Pipe, Asbestos Abatement And Disposal	16.34	
02 82 33 00-0239 Exterior Transite Siding, Asbestos Abatement And Disposal <small>(02 82 33 00-0218)</small>		
02 82 33 00-0240 SET Up To 125 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	1,157.37	
Note: Single or first of multiple layers.		
02 82 33 00-0241 SF >125 To 1,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	6.21	
Note: Single or first of multiple layers.		
02 82 33 00-0242 SF >1,000 To 5,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	5.04	
Note: Single or first of multiple layers.		
02 82 33 00-0243 SF >5,000 To 10,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	4.12	
Note: Single or first of multiple layers.		
02 82 33 00-0244 SF >10,000 To 20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	3.19	
Note: Single or first of multiple layers.		
02 82 33 00-0245 SF >20,000 SF, Exterior Transite Siding, Asbestos Abatement And Disposal	2.50	
Note: Single or first of multiple layers.		
02 82 33 00-0246 Asbestos Contaminated Debris, Asbestos Abatement And Disposal <small>(02 82 33)</small>		
02 82 33 00-0247 Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal <small>(02 82 33 00-0246)</small>		
Note: For non-attic/crawl space surface cleaning including walls, floors, equipment, and furniture.		
02 82 33 00-0248 SET Up To 10 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	548.29	
02 82 33 00-0249 SF >10 To 100 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	1.30	
02 82 33 00-0250 SF >100 To 500 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.95	
02 82 33 00-0251 SF >500 To 1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.83	
02 82 33 00-0252 SF >1,000 SF, Asbestos Contaminated Dust And Minor Debris Collection In All Areas, Asbestos Abatement And Disposal	0.76	
02 82 33 00-0253 Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal <small>(02 82 33 00-0246)</small>		
02 82 33 00-0254 SET Up To 10 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	741.90	
02 82 33 00-0255 SF >10 To 100 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	19.77	
<i>For Batt Insulation Removal, Add</i>		
	2.00	
<i>For Encapsulated Soil, Add</i>		
	1.00	
<i>For Work In Restricted Working Space, Add</i>		
	1.00	
02 82 33 00-0256 SF >100 To 250 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal	13.88	
<i>For Batt Insulation Removal, Add</i>		
	2.00	
<i>For Encapsulated Soil, Add</i>		
	1.00	
<i>For Work In Restricted Working Space, Add</i>		
	1.00	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0257	SF	>250 To 500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	10.70		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0258	SF	>500 To 2,500 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	8.89		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0259	SF	>2,500 To 10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	7.98		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0260	SF	>10,000 SF, Up To 4" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	7.07		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0261	SET	Up To 10 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	935.50		
02 82 33 00-0262	SF	>10 To 100 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	38.91		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0263	SF	>100 To 250 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	26.90		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0264	SF	>250 To 500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	20.91		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0265	SF	>500 To 2,500 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	17.28		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0266	SF	>2,500 To 10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	15.12		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0267	SF	>10,000 SF, >4" To 7" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	13.89		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0268	SET	Up To 10 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	1,137.25		
02 82 33 00-0269	SF	>10 To 100 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	77.03		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0270	SF	>100 To 250 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	52.98		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0271	SF	>250 To 500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	41.01		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0272	SF	>500 To 2,500 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	33.74		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0273	SF	>2,500 To 10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	29.41		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		
02 82 33 00-0274	SF	>10,000 SF, >7" To 12" Thick, Asbestos Contaminated Bulk Debris And Dust Collection In Attic And Crawl Spaces, Asbestos Abatement And Disposal.....	26.95		
		<i>For Batt Insulation Removal, Add</i>	2.00		
		<i>For Encapsulated Soil, Add</i>	1.00		
		<i>For Work In Restricted Working Space, Add</i>	1.00		

02 82 33 00-0275 Asbestos Contaminated Debris, Asbestos Abatement And Disposal (02 82 33 00-0246)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0276 SET Up To 10 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	774.43	217.69
02 82 33 00-0277 CF >10 To 100 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal <i>For Work In Restricted Working Space, Add</i>	77.03	21.65
02 82 33 00-0278 CF >100 To 250 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal <i>For Work In Restricted Working Space, Add</i>	52.98	14.43
02 82 33 00-0279 CF >250 To 500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal <i>For Work In Restricted Working Space, Add</i>	41.01	10.84
02 82 33 00-0280 CF >500 To 2,500 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal <i>For Work In Restricted Working Space, Add</i>	33.74	8.66
02 82 33 00-0281 CF >2,500 To 10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	29.41	7.36
02 82 33 00-0282 CF >10,000 CF, Asbestos Contaminated Debris, Asbestos Abatement And Disposal..... <i>For Work In Restricted Working Space, Add</i>	26.95	6.62
02 82 33 00-0283 Other Asbestos Containing Materials, Asbestos Abatement And Disposal ^(02 82 33)		
02 82 33 00-0284 30" To 36" Fire Door, Asbestos Abatement And Disposal ^(02 82 33 00-0283)		
02 82 33 00-0285 SET Up To 1 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal.....	384.77	
02 82 33 00-0286 EA >1 To 20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	152.56	
02 82 33 00-0287 EA >20 EA, 30" To 36" Fire Door, Asbestos Abatement And Disposal	139.50	
02 82 33 00-0288 HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal ^(02 82 33 00-0283)		
02 82 33 00-0289 SET Up To 10 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal.....	363.83	
02 82 33 00-0290 LF >10 To 50 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	7.52	
02 82 33 00-0291 LF >50 To 100 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	5.67	
02 82 33 00-0292 LF >100 To 250 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.88	
02 82 33 00-0293 LF >250 To 1,000 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	4.22	
02 82 33 00-0294 LF >1,000 To 2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.63	
02 82 33 00-0295 LF >2,500 LF, HVAC Duct Flexible Connector (Web Cloth), Asbestos Abatement And Disposal	3.14	
02 82 33 00-0296 Grout, Asbestos Abatement And Disposal ^(02 82 33 00-0283)		
Note: e.g. flue grout.		
02 82 33 00-0297 SET Up To 10 LF, Grout, Asbestos Abatement And Disposal.....	363.49	
02 82 33 00-0298 LF >10 To 50 LF, Grout, Asbestos Abatement And Disposal	14.36	
02 82 33 00-0299 LF >50 To 100 LF, Grout, Asbestos Abatement And Disposal	9.91	
02 82 33 00-0300 LF >100 To 250 LF, Grout, Asbestos Abatement And Disposal	8.49	
02 82 33 00-0301 LF >250 To 1,000 LF, Grout, Asbestos Abatement And Disposal	7.31	
02 82 33 00-0302 LF >1,000 To 2,500 LF, Grout, Asbestos Abatement And Disposal	6.31	
02 82 33 00-0303 LF >2,500 LF, Grout, Asbestos Abatement And Disposal	5.41	
02 82 33 00-0304 Gaskets, Asbestos Abatement And Disposal ^(02 82 33 00-0283)		
Note: e.g. rope, web cloth, flat.		
02 82 33 00-0305 SET Up To 10 LF, Gaskets, Asbestos Abatement And Disposal.....	363.83	
02 82 33 00-0306 LF >10 To 50 LF, Gaskets, Asbestos Abatement And Disposal	19.34	
02 82 33 00-0307 LF >50 To 250 LF, Gaskets, Asbestos Abatement And Disposal	14.53	
02 82 33 00-0308 LF >250 To 500 LF, Gaskets, Asbestos Abatement And Disposal	12.39	
02 82 33 00-0309 LF >500 To 1,500 LF, Gaskets, Asbestos Abatement And Disposal	11.16	
02 82 33 00-0310 LF >1,500 To 2,500 LF, Gaskets, Asbestos Abatement And Disposal	10.04	
02 82 33 00-0311 LF >2,500 LF, Gaskets, Asbestos Abatement And Disposal	9.56	
02 82 33 00-0312 Ceiling Tile Including Glue Removal, Asbestos Abatement And Disposal ^(02 82 33 00-0283)		
Note: e.g. grid, spline, or glued on.		
02 82 33 00-0313 SET Up To 50 SF, Ceiling Tile, Asbestos Abatement And Disposal.....	745.97	
Note: Including Glue Removal		
02 82 33 00-0314 SF >50 To 1,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	15.83	
Note: Including Glue Removal		
02 82 33 00-0315 SF >1,000 To 2,500 SF, Ceiling Tile, Asbestos Abatement And Disposal	7.83	
Note: Including Glue Removal		
02 82 33 00-0316 SF >2,500 To 10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	5.42	
Note: Including Glue Removal		
02 82 33 00-0317 SF >10,000 SF, Ceiling Tile, Asbestos Abatement And Disposal	4.68	
Note: Including Glue Removal		
02 82 33 00-0318 Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal ^(02 82 33 00-0283)		
Note: Includes ceiling tile, asbestos barrier paper, and furring strips.		
02 82 33 00-0319 SET Up To 50 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	736.61	
02 82 33 00-0320 SF >50 To 1,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	15.83	
02 82 33 00-0321 SF >1,000 To 2,500 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	7.83	
02 82 33 00-0322 SF >2,500 To 10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal	5.42	

02 Existing Conditions**02 80 Facility Remediation****02 82 Asbestos Remediation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 82 33 00-0323	SF		>10,000 SF, Nailed-On Ceiling Tile System With Asbestos Barrier Paper Backing, Asbestos Abatement And Disposal.....	4.68	
02 82 33 00-0324			Caulking, Asbestos Abatement And Disposal (02 82 33 00-0283)		
02 82 33 00-0325			Non-Friable Caulking, Asbestos Abatement And Disposal (02 82 33 00-0324)		
02 82 33 00-0326	SET		Up To 10 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	363.49	
02 82 33 00-0327	LF		>10 To 50 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	10.78	
02 82 33 00-0328	LF		>50 To 100 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	7.62	
02 82 33 00-0329	LF		>100 To 250 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	5.68	
02 82 33 00-0330	LF		>250 To 1,000 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	4.28	
02 82 33 00-0331	LF		>1,000 To 2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	3.40	
02 82 33 00-0332	LF		>2,500 LF, Non-Friable Asbestos Contaminated Caulking, Asbestos Abatement And Disposal.....	2.96	
02 82 33 00-0333			Wood Wall Joint Compound, Asbestos Abatement And Disposal (02 82 33 00-0283)		
02 82 33 00-0334	SET		Up To 10 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	727.67	
02 82 33 00-0335	SF		>10 To 500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	14.49	
02 82 33 00-0336	SF		>500 To 2,500 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	10.63	
02 82 33 00-0337	SF		>2,500 To 10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	8.36	
02 82 33 00-0338	SF		>10,000 SF, Wood Wall Joint Compound, Asbestos Abatement And Disposal.....	6.55	
02 82 33 00-0339			Chalk Board Mastic, Asbestos Abatement And Disposal (02 82 33 00-0283)		
02 82 33 00-0340	SET		Up To 100 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	383.16	
02 82 33 00-0341	SF		>100 To 1,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	15.62	
02 82 33 00-0342	SF		>1,000 To 2,500 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	7.62	
02 82 33 00-0343	SF		>2,500 To 10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	5.21	
02 82 33 00-0344	SF		>10,000 SF, Chalk Board Mastic, Asbestos Abatement And Disposal.....	4.47	
02 82 33 00-0345			Tack Board Mastic, Asbestos Abatement And Disposal (02 82 33 00-0283)		
02 82 33 00-0346	SET		Up To 100 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	383.16	
02 82 33 00-0347	SF		>100 To 1,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	15.62	
02 82 33 00-0348	SF		>1,000 To 2,500 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	7.62	
02 82 33 00-0349	SF		>2,500 To 10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	5.21	
02 82 33 00-0350	SF		>10,000 SF, Tack Board Mastic, Asbestos Abatement And Disposal.....	4.47	
02 82 33 00-0351			Dash Coat Over Wood Walls, Asbestos Abatement And Disposal (02 82 33 00-0283)		
02 82 33 00-0352	SET		Up To 10 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	727.67	
02 82 33 00-0353	SF		>10 To 500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	16.07	
02 82 33 00-0354	SF		>500 To 2,500 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	12.03	
02 82 33 00-0355	SF		>2,500 To 10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	9.07	
02 82 33 00-0356	SF		>10,000 SF, Dash Coat Over Wood Walls, Asbestos Abatement And Disposal.....	6.86	
02 82 33 00-0357			HEPA Vacuum, Asbestos Abatement And Disposal (02 82 33 00-0283)		
			Note: For adjacent areas.		
02 82 33 00-0358	SF		High Efficiency Particulate Air (HEPA) Vacuum And Cleaning Of Contaminated Area.....	0.84	
02 82 33 00-0359			Window Putty, Asbestos Abatement And Disposal (02 82 33 00-0283)		
02 82 33 00-0360	SET		Up To 10 LF, Window Putty, Asbestos Abatement And Disposal.....	363.49	
02 82 33 00-0361	LF		>10 To 50 LF, Window Putty, Asbestos Abatement And Disposal.....	14.36	
02 82 33 00-0362	LF		>50 To 100 LF, Window Putty, Asbestos Abatement And Disposal.....	9.91	
02 82 33 00-0363	LF		>100 To 250 LF, Window Putty, Asbestos Abatement And Disposal.....	8.49	
02 82 33 00-0364	LF		>250 To 1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	7.31	
02 82 33 00-0365	LF		>1,000 LF, Window Putty, Asbestos Abatement And Disposal.....	6.31	
02 82 33 00-0366			Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal (02 82 33 00-0283)		
02 82 33 00-0367	SET		Up To 4 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	819.31	
02 82 33 00-0368	EA		>4 To 40 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	88.36	
02 82 33 00-0369	EA		>40 To 60 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	66.71	
02 82 33 00-0370	EA		>60 To 125 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	55.94	
02 82 33 00-0371	EA		>125 To 625 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	49.39	
02 82 33 00-0372	EA		>625 To 1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	45.50	
02 82 33 00-0373	EA		>1,500 EA, Asbestos Contaminated Light Fixture, Asbestos Abatement And Disposal.....	43.29	

02 83 Lead Remediation (02 80)

See CSI section 01 56 16 00-0033 for temporary stud walls, 01 74 19 00-0045 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0018 for decontamination chambers.

02 83 19 Lead-Based Paint Remediation (02 83)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 83 19 13

Lead-Based Paint Abatement (02 83 19)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, bagging, clean-up, vacuuming, transportation for up to 25 miles, disposal, personnel health monitoring, negative air, documentation and other associated costs necessary for the complete removal and disposal of lead contaminated materials in accordance with EPA and local regulations. Where types of Lead are listed by quantity, the quantity of the entire project, not a particular work area, is to be used in determining which task applies. See CSI section 01 56 16 00-0033 for temporary stud walls, 01 74 19 00-0045 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting.

02 83 19 13-0001

Lead Sampling And Testing (02 83 19 13)

Note: Includes packaging of sample for shipping, shipping to testing lab, chain of custody documentation, analysis of sample, lab report, and sample disposal. Excludes sampling time.

02 83 19 13-0002	HR	Certified Lead Sampling Technician For Bulk Sampling Or Air Monitoring	85.52
02 83 19 13-0003	EA	X-Ray Fluorescence (XRF) Lead Testing	71.12
Note: Including Technician, 3 Readings Per Surface And Lab Fee			
02 83 19 13-0004	EA	5 Day Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	68.09
02 83 19 13-0005	EA	48 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	103.16
02 83 19 13-0006	EA	24 Hour Turnaround Toxicity Characteristic Leaching Procedure (TCLP) Lead Test And Lab Fee	144.42
02 83 19 13-0007	EA	5 Day Turnaround Total Threshold Leaching Concentration (TTL) Lead Test And Lab Fee	26.82
02 83 19 13-0008	EA	24 Hour Turnaround Total Threshold Leaching Concentration (TTL) Lead Test And Lab Fee	41.26
02 83 19 13-0009	EA	8 Hour Turnaround Total Threshold Leaching Concentration (TTL) Lead Test And Lab Fee	51.58
02 83 19 13-0010	EA	5 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	68.09
02 83 19 13-0011	EA	3 Day Turnaround Soluble Threshold Limit Concentration (STLC) Lead Test And Lab Fee	103.16
02 83 19 13-0012	EA	5 Day Turnaround Lead Wipe Samples And Lab Fee	11.35
02 83 19 13-0013	EA	24 Hour Turnaround Lead Wipe Samples And Lab Fee	15.47
02 83 19 13-0014	EA	8 Hour Turnaround Lead Wipe Samples And Lab Fee	22.70
02 83 19 13-0015	EA	5 Day Turnaround Lead Air Samples And Lab Fee	11.35
02 83 19 13-0016	EA	24 Hour Turnaround Lead Air Samples And Lab Fee	15.47
02 83 19 13-0017	EA	8 Hour Turnaround Lead Air Samples And Lab Fee	22.70
02 83 19 13-0018	EA	5 Day Turnaround Lead Water Test and Lab Fee	41.26
02 83 19 13-0019	EA	24 Hour Turnaround Lead Water Test and Lab Fee	61.90
02 83 19 13-0020	EA	8 Hour Turnaround Lead Water Test and Lab Fee	82.53
02 83 19 13-0021	EA	5 Day Turnaround Lead Paint Chip Test and Lab Fee	42.68
02 83 19 13-0022	EA	5 Day Turnaround Lead Soil Test and Lab Fee	85.35

02 83 19 13-0023

Minimum Charge For Lead-Based Paint Remediation (02 83 19 13)

02 83 19 13-0024	EA	Lead-Based Paint Remediation Minimum Show Up Charge	1,179.67
Note: For projects where the total lead-based paint remediation charge is less than the minimum charge, use task "Minimum Charge For Lead-Based Paint Remediation" exclusively. Task "Minimum Charge For Lead-Based Paint Remediation" should not be used in conjunction with any other tasks in this section. Includes air sample and personal air monitoring.			

02 83 19 13-0025

Chemical Stripping Of Lead Contaminated Material (02 83 19 13)

Note: Per 0.02" (20 mils) application. Manufacture recommended operating temperatures not to be below 50 degrees. Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.

02 83 19 13-0026	SF	Balustrades, Chemical Stripping Of Lead Contaminated Material	32.92
		<i>For 0.025" (25 mil) Application, Add</i>	<i>1.90</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>3.00</i>
02 83 19 13-0027	SF	Balustrades, Ornate, Chemical Stripping Of Lead Contaminated Material	48.76
		<i>For 0.025" (25 mil) Application, Add</i>	<i>2.69</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>4.19</i>
02 83 19 13-0028	LF	Up To 6" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	14.16
		<i>For 0.025" (25 mil) Application, Add</i>	<i>0.86</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>1.38</i>
		<i>For 0.125" (125 mil) Application, Add</i>	<i>8.04</i>
02 83 19 13-0029	LF	>6" To 12" Wide, Wood Trim, Chemical Stripping Of Lead Contaminated Material	28.84
		<i>For 0.025" (25 mil) Application, Add</i>	<i>1.59</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>2.48</i>
		<i>For 0.125" (125 mil) Application, Add</i>	<i>11.71</i>
02 83 19 13-0030	SF	Cornice, Chemical Stripping Of Lead Contaminated Material	15.45
		<i>For 0.025" (25 mil) Application, Add</i>	<i>1.02</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>1.69</i>
02 83 19 13-0031	SF	Cornice, Ornate, Chemical Stripping Of Lead Contaminated Material	43.48
		<i>For 0.025" (25 mil) Application, Add</i>	<i>2.42</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>3.79</i>
02 83 19 13-0032	SF	Brick, Concrete Block, Concrete, Chemical Stripping Of Lead Contaminated Material	9.55
		<i>For 0.025" (25 mil) Application, Add</i>	<i>0.68</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>1.14</i>
		<i>For 0.125" (125 mil) Application, Add</i>	<i>8.39</i>
02 83 19 13-0033	SF	Cabinets, Chemical Stripping Of Lead Contaminated Material	27.51
		<i>For 0.025" (25 mil) Application, Add</i>	<i>1.58</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>2.49</i>
02 83 19 13-0034	SF	Cabinets, Ornate, Chemical Stripping Of Lead Contaminated Material	35.03
		<i>For 0.025" (25 mil) Application, Add</i>	<i>1.95</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>3.05</i>
02 83 19 13-0035	SF	Plaster, Stucco and Drywall Surfaces, Chemical Stripping Of Lead Contaminated Material	13.13
		<i>For 0.025" (25 mil) Application, Add</i>	<i>0.86</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>1.41</i>
02 83 19 13-0036	SF	Columns, Chemical Stripping Of Lead Contaminated Material	12.65
		<i>For 0.025" (25 mil) Application, Add</i>	<i>0.88</i>
		<i>For 0.03" (30 mil) Application, Add</i>	<i>1.48</i>
		<i>For 0.125" (125 mil) Application, Add</i>	<i>10.66</i>

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
02 83 19 13-0037	SF	Flush Doors, One Side, Chemical Stripping Of Lead Contaminated Material	11.14	
		<i>For 0.025" (25 mil) Application, Add</i>	0.76	
		<i>For 0.03" (30 mil) Application, Add</i>	1.26	
02 83 19 13-0038	SF	Raised Panel Doors and Decorative Doors, Chemical Stripping Of Lead Contaminated Material	13.66	
		<i>For 0.025" (25 mil) Application, Add</i>	0.88	
		<i>For 0.03" (30 mil) Application, Add</i>	1.45	
02 83 19 13-0039	SF	Sectional Panel Or Roll-Up Doors, Chemical Stripping Of Lead Contaminated	20.10	
		<i>For 0.025" (25 mil) Application, Add</i>	1.26	
		<i>For 0.03" (30 mil) Application, Add</i>	2.04	
02 83 19 13-0040	EA	Electrical Devices, Chemical Stripping Of Lead Contaminated Material	57.26	
		<i>For 0.025" (25 mil) Application, Add</i>	3.26	
		<i>For 0.03" (30 mil) Application, Add</i>	5.14	
02 83 19 13-0041	LF	Door Frames, Chemical Stripping Of Lead Contaminated Material	14.26	
		<i>For 0.025" (25 mil) Application, Add</i>	0.91	
		<i>For 0.03" (30 mil) Application, Add</i>	1.49	
02 83 19 13-0042	SF	Wood Floors, Chemical Stripping Of Lead Contaminated Material	7.88	
		<i>For 0.025" (25 mil) Application, Add</i>	0.59	
		<i>For 0.03" (30 mil) Application, Add</i>	1.02	
02 83 19 13-0043	SF	HVAC Grilles, Chemical Stripping Of Lead Contaminated Material	29.39	
		<i>For 0.025" (25 mil) Application, Add</i>	1.67	
		<i>For 0.03" (30 mil) Application, Add</i>	2.63	
02 83 19 13-0044	SF	HVAC Grilles, Ornate, Chemical Stripping Of Lead Contaminated Material	35.03	
		<i>For 0.025" (25 mil) Application, Add</i>	1.95	
		<i>For 0.03" (30 mil) Application, Add</i>	3.05	
02 83 19 13-0045	EA	Hinges, Chemical Stripping Of Lead Contaminated Material	18.52	
		<i>For 0.025" (25 mil) Application, Add</i>	1.23	
		<i>For 0.03" (30 mil) Application, Add</i>	2.03	
02 83 19 13-0046	EA	Up To 6" Diameter Hangers, Chemical Stripping Of Lead Contaminated Material	22.78	
		<i>For 0.025" (25 mil) Application, Add</i>	1.44	
		<i>For 0.03" (30 mil) Application, Add</i>	2.35	
		<i>For 0.125" (125 mil) Application, Add</i>	14.70	
02 83 19 13-0047	LF	Up To 2" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	6.40	
		<i>For 0.025" (25 mil) Application, Add</i>	0.47	
		<i>For 0.03" (30 mil) Application, Add</i>	0.80	
		<i>For 0.125" (125 mil) Application, Add</i>	6.10	
02 83 19 13-0048	LF	>2" To 4" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	10.21	
		<i>For 0.025" (25 mil) Application, Add</i>	0.66	
		<i>For 0.03" (30 mil) Application, Add</i>	1.08	
		<i>For 0.125" (125 mil) Application, Add</i>	7.05	
02 83 19 13-0049	LF	>4" To 8" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	18.27	
		<i>For 0.025" (25 mil) Application, Add</i>	1.16	
		<i>For 0.03" (30 mil) Application, Add</i>	1.90	
		<i>For 0.125" (125 mil) Application, Add</i>	12.07	
02 83 19 13-0050	LF	>8" To 12" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	25.01	
		<i>For 0.025" (25 mil) Application, Add</i>	1.55	
		<i>For 0.03" (30 mil) Application, Add</i>	2.51	
		<i>For 0.125" (125 mil) Application, Add</i>	15.25	
02 83 19 13-0051	LF	>12" To 16" Diameter Pipes and Conduit, Chemical Stripping Of Lead Contaminated Material	44.79	
		<i>For 0.025" (25 mil) Application, Add</i>	2.69	
		<i>For 0.03" (30 mil) Application, Add</i>	4.32	
		<i>For 0.125" (125 mil) Application, Add</i>	24.70	
02 83 19 13-0052	SF	>16" Diameter Pipes, Chemical Stripping Of Lead Contaminated Material, SF Of Surface Area	13.37	
		<i>For 0.025" (25 mil) Application, Add</i>	0.78	
		<i>For 0.03" (30 mil) Application, Add</i>	1.23	
		<i>For 0.125" (125 mil) Application, Add</i>	6.58	
02 83 19 13-0053	EA	Up To 12 SF Radiators, Chemical Stripping Of Lead Contaminated Material	265.40	
		<i>For 0.025" (25 mil) Application, Add</i>	14.72	
		<i>For 0.03" (30 mil) Application, Add</i>	22.99	
02 83 19 13-0054	SF	Flat And Raised Panel Wood Shutters, Chemical Stripping Of Lead Contaminated Material	18.85	
		<i>For 0.025" (25 mil) Application, Add</i>	1.51	
		<i>For 0.03" (30 mil) Application, Add</i>	2.61	
02 83 19 13-0055	SF	Louvered Wood Shutters, Chemical Stripping Of Lead Contaminated Material	20.60	
		<i>For 0.025" (25 mil) Application, Add</i>	1.59	
		<i>For 0.03" (30 mil) Application, Add</i>	2.74	
02 83 19 13-0056	SF	Siding, Chemical Stripping Of Lead Contaminated Material	10.71	
		<i>For 0.025" (25 mil) Application, Add</i>	0.79	
		<i>For 0.03" (30 mil) Application, Add</i>	1.33	
		<i>For 0.125" (125 mil) Application, Add</i>	10.18	
02 83 19 13-0057	SF	Soffit, Chemical Stripping Of Lead Contaminated Material	22.28	
		<i>For 0.025" (25 mil) Application, Add</i>	1.31	
		<i>For 0.03" (30 mil) Application, Add</i>	2.10	
		<i>For 0.125" (125 mil) Application, Add</i>	11.57	
02 83 19 13-0058	SF	Flat Steel Surfaces, Chemical Stripping Of Lead Contaminated Material	10.30	
		<i>For 0.025" (25 mil) Application, Add</i>	0.72	
		<i>For 0.03" (30 mil) Application, Add</i>	1.20	
		<i>For 0.125" (125 mil) Application, Add</i>	8.58	
02 83 19 13-0059	SF	Corrugated Steel, Chemical Stripping Of Lead Contaminated Material	11.69	
		<i>For 0.025" (25 mil) Application, Add</i>	0.78	
		<i>For 0.03" (30 mil) Application, Add</i>	1.30	
		<i>For 0.125" (125 mil) Application, Add</i>	8.92	
02 83 19 13-0060	SF	Steel Beams and Columns, Chemical Stripping Of Lead Contaminated Material	11.65	
		<i>For 0.025" (25 mil) Application, Add</i>	0.78	
		<i>For 0.03" (30 mil) Application, Add</i>	1.30	
		<i>For 0.125" (125 mil) Application, Add</i>	8.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0061 SF Steel Trusses, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	16.47 1.02 1.66 10.12	
02 83 19 13-0062 SF Wood Surfaces, Chemical Stripping Of Lead Contaminated Material..... <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	11.65 0.78 1.30 8.91	
02 83 19 13-0063 SF Windows (Sash, Sill, Jambs, Casing Trim), One Side, 1/1 Light, Chemical Stripping Of Lead Contaminated Material..... <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	26.71 1.54 2.43	
02 83 19 13-0064 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 2/2 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	29.22 1.66 2.62	
02 83 19 13-0065 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 4/4 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	30.92 1.75 2.74	
02 83 19 13-0066 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 6/6 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	32.64 1.83 2.87	
02 83 19 13-0067 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 8/8 Light Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	34.33 1.92 3.00	
02 83 19 13-0068 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 10/10 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	36.09 2.00 3.13	
02 83 19 13-0069 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 12/12 light Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	37.75 2.09 3.26	
02 83 19 13-0070 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 14/14 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	38.60 2.13 3.32	
02 83 19 13-0071 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 16/16 Light Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	39.47 2.17 3.39	
02 83 19 13-0072 SF Windows (Sash, Sill, Jambs, Muntins, Casing Trim), One Side, 20/20 Light, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i>	40.29 2.21 3.45	
02 83 19 13-0073 SF Metal Stairs, Chemical Stripping Of Lead Contaminated Material <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	53.32 3.07 4.85 25.33	
02 83 19 13-0074 LF Metal Single Hand Rail, Chemical Stripping Of Lead Contaminated Material..... <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	9.30 0.62 1.02 6.83	
02 83 19 13-0075 SF Metal Railing And Posts, Chemical Stripping Of Lead Contaminated Material Note: The unit of measure "SF" is measured for 'Length x Height'. Work includes both sides of railing. <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	27.16 1.66 2.67 15.79	
02 83 19 13-0076 SF Metal Picket Fence, Chemical Stripping Of Lead Contaminated Material..... <i>For 0.025" (25 mil) Application, Add</i> <i>For 0.03" (30 mil) Application, Add</i> <i>For 0.125" (125 mil) Application, Add</i>	29.64 1.73 2.75 14.91	
02 83 19 13-0077 Mechanical Stripping Of Lead Contaminated Material <small>(02 83 19 13)</small> Note: Includes heat gun (where required) for follow up, waste handling, packing and all personnel blood work, lab test fees and monitoring.		
02 83 19 13-0078 SF Grind Flat Steel Surfaces, Mechanical Stripping Of Lead Contaminated Material.....	18.11	
02 83 19 13-0079 Demolish Lead Contaminated Material <small>(02 83 19 13)</small> Note: Includes waste handling, packing, all personnel blood work, lab test fees and monitoring. Industrial coatings often contain other hazardous ingredients in addition to or in place of lead. These might include, but are not be limited to, chromium, cadmium and mercury.		
02 83 19 13-0080 SF Demolish Ceiling Suspension System, Lead Contaminated Material	2.33	
02 83 19 13-0081 SF Demolish Suspended Ceiling System And Tile, Lead Contaminated Material	1.36	
02 83 19 13-0082 SF Demolish Acoustical Ceiling Tile, Lead Contaminated Material.....	0.87	
02 83 19 13-0083 SF Demolish Metal Pan Grid System, Lead Contaminated Material	1.35	
02 83 19 13-0084 EA Demolish Ceiling And Recessed Light Fixtures, Lead Contaminated Material	65.11	
02 83 19 13-0085 EA Demolish >2' x 4' Light Fixtures, Lead Contaminated Material	86.38	
02 83 19 13-0086 SF Demolish Non-Load Bearing Partitions Of Plaster Or Stucco, Lath And Studs, Lead Contaminated Material.....	9.64	
02 83 19 13-0087 SF Demolish Non-Load Bearing Partitions Of Gypsum Board And Studs, Lead Contaminated Material.....	5.40	
02 83 19 13-0088 SF Demolish Brick, Lead Contaminated Material.....	4.07	
02 83 19 13-0089 SF Demolish Concrete Block, Lead Contaminated Material.....	5.24	

02 Existing Conditions**02 80 Facility Remediation****02 83 Lead Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 83 19 13-0090	SF	Demolish Tile, Lead Contaminated Material	3.95
02 83 19 13-0091	SF	Demolish Up To 6" Concrete, Lead Contaminated Material	5.93
02 83 19 13-0092	IN	Drilling, Up To 1/2" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	4.63
02 83 19 13-0093	IN	Drilling, >1/2" To 1" Diameter In Lead Paint/Asbestos Material Per Inch Of Depth	6.17
02 83 19 13-0094	LF	Demolish Wood Balustrades And Railings, Lead Contaminated Material	6.75
02 83 19 13-0095	LF	Demolish Up To 6" Wide Baseboard, Lead Contaminated Material	1.76
02 83 19 13-0096	LF	Demolish >6" To 12" Wide Baseboard, Lead Contaminated Material	2.20
02 83 19 13-0097	LF	Demolish Base Shoe Molding, Lead Contaminated Material	1.43
02 83 19 13-0098	SF	Demolish Concrete, Lead Contaminated Material	13.43
02 83 19 13-0099	LF	Demolish Cabinets, Lead Contaminated Material	31.29
02 83 19 13-0100	SF	Demolish Ceilings, Gypsum Board, Lead Contaminated Material	1.77
02 83 19 13-0101	SF	Demolish Up To 12" Diameter Columns, Lead Contaminated Material	17.34
02 83 19 13-0102	SF	Demolish Cornice, Lead Contaminated Material	2.30
02 83 19 13-0103	EA	Demolish Doors, Lead Contaminated Material	67.86
02 83 19 13-0104	LF	Demolish Door And Window Trim Or Frames, Lead Contaminated Material	2.07
02 83 19 13-0105	EA	Demolish Electrical Devices, Lead Contaminated Material	20.82
02 83 19 13-0106	LF	Demolish Up To 1" Diameter Electrical Conduit, Lead Contaminated Material	2.67
02 83 19 13-0107	LF	Demolish >1" To 2" Diameter Electrical Conduit, Lead Contaminated Material	4.45
02 83 19 13-0108	SF	Demolish Wood Floors, Lead Contaminated Material	3.20
02 83 19 13-0109	SF	Demolish Grilles, Lead Contaminated Material	3.77
02 83 19 13-0110	EA	Demolish Hinges, Lead Contaminated Material	7.57
02 83 19 13-0111	EA	Demolish Up To 6" Diameter Hangers, Lead Contaminated Material	16.27
02 83 19 13-0112	LF	Demolish Up To 2" Diameter Pipes, Lead Contaminated Material	6.67
02 83 19 13-0113	LF	Demolish >2" To 4" Diameter Pipes, Lead Contaminated Material	9.73
02 83 19 13-0114	LF	Demolish >4" To 8" Diameter Pipes, Lead Contaminated Material	14.70
02 83 19 13-0115	LF	Demolish >8" To 12" Diameter Pipes, Lead Contaminated Material	27.12
02 83 19 13-0116	EA	Demolish Radiators, Lead Contaminated Material	117.14
02 83 19 13-0117	EA	Demolish Shutters, Lead Contaminated Material	45.65
02 83 19 13-0118	SF	Demolish Siding, Lead Contaminated Material	1.82
02 83 19 13-0119	SF	Demolish Soffit, Lead Contaminated Material	1.54
02 83 19 13-0120	SF	Demolish Flat Steel Surfaces, Lead Contaminated Material	4.22
02 83 19 13-0121	SF	Demolish Steel Beams, Lead Contaminated Material	4.97
02 83 19 13-0122	SF	Demolish Trusses, Lead Contaminated Material	6.52
02 83 19 13-0123	SF	Demolish Walls, Wood, Lead Contaminated Material	4.83
02 83 19 13-0124	SF	Demolish Windows, Lead Contaminated Material	16.21
02 83 19 13-0125	SF	Demolish Metal Stair, Lead Contaminated Material	7.76
02 83 19 13-0126	LF	Demolish Single Metal Hand Rail, Lead Contaminated Material	5.70
02 83 19 13-0127	LF	Demolish Metal Railing And Posts, Lead Contaminated Material	9.31
02 83 19 13-0128	SF	Demolish Metal Picket Fence, Lead Contaminated Material	2.57
02 83 19 13-0129	SF	Demolish Plywood, Lead Contaminated Material	7.00
02 83 19 13-0130	SF	Demolish Planks (Various Sizes), Lead Contaminated Material	3.42
02 83 19 13-0131	EA	Demolish Metal Brackets Or Other Small Metal Shapes, Lead Contaminated Material	21.38
02 83 19 13-0132	SF	Demolish Ceramic Tile Block, Lead Contaminated Material	4.67
02 83 19 13-0133	LF	Demolish Metal Guard Rails, Lead Contaminated Material	12.83
02 83 19 13-0134	LF	Demolish Roof Metal Trim, Lead Contaminated Material	2.73
02 83 19 13-0135	SF	Demolish Up To 100 SF Gypsum Wall Board, Lead Contaminated Material	6.84
02 83 19 13-0136	SF	Demolish >100 To 500 SF Gypsum Wall Board, Lead Contaminated Material	4.92
02 83 19 13-0137	SF	Demolish >500 To 2,500 SF Gypsum Wall Board, Lead Contaminated Material	3.84
02 83 19 13-0138	SF	Demolish >2,500 SF Gypsum Wall Board, Lead Contaminated Material	2.99
02 83 19 13-0139	SF	Demolish Up To 100 SF Plaster/Stucco, Lead Contaminated Material	21.38
02 83 19 13-0140	SF	Demolish >100 To 500 SF Plaster/Stucco, Lead Contaminated Material	15.21
02 83 19 13-0141	SF	Demolish >500 To 2,500 SF Plaster/Stucco, Lead Contaminated Material	11.40
02 83 19 13-0142	SF	Demolish >2,500 To 10,000 SF Plaster/Stucco, Lead Contaminated Material	8.55
02 83 19 13-0143	LF	Demolish Rain Gutters, Lead Contaminated Material	4.70
02 83 19 13-0144	LF	Demolish Downspouts, Lead Contaminated Material	3.84
02 83 19 13-0145	SF	Demolish Corrugated Metal Roofing, Lead Contaminated Material	4.74
02 83 19 13-0146	LF	Demolish Roof Metal Flashing, Lead Contaminated Material	2.73
02 83 19 13-0147	LF	Demolish Fascia Board Up To 12", Lead Contaminated Material	6.84

02 83 19 13-0148 Wet Sanding/Light Scraping Of Lead Contaminated Material (02 83 19 13)

Note: Remove loose, flaking lead-based paint to prepare for painting.

02 83 19 13-0149	SF	Wet Sand/Scrape Of Lead Contaminated Material To Prepare For Painting	3.26
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02 83 19 13-0150 Lead Abatement Encapsulation (02 83 19 13)

Note: Can also be used for asbestos contaminated encapsulation. Spray applied application unless task described otherwise.

02 83 19 13-0151	SF	Balustrades, Lead Abatement Encapsulation	5.96
02 83 19 13-0152	LF	Up To 6" Wide, Baseboard, Lead Abatement Encapsulation	5.87
02 83 19 13-0153	LF	>6" To 12" Wide, Baseboard, Lead Abatement Encapsulation	7.98
02 83 19 13-0154	SF	Brick, Concrete Block, Concrete, Lead Abatement Encapsulation	3.85
02 83 19 13-0155	SF	Ornate Cabinets, Lead Abatement Encapsulation	8.60
02 83 19 13-0156	SF	Simple Design Cabinets, Lead Abatement Encapsulation	7.02
02 83 19 13-0157	SF	Drywall Ceilings, Lead Abatement Encapsulation	2.43
02 83 19 13-0158	SF	Wood Ceilings, Lead Abatement Encapsulation	2.94
02 83 19 13-0159	SF	Acoustical And Popcorn Ceilings, Lead Abatement Encapsulation	2.73
02 83 19 13-0160	SF	Columns, Lead Abatement Encapsulation	4.64
02 83 19 13-0161	SF	Doors, Lead Abatement Encapsulation	8.80
02 83 19 13-0162	LF	Up To 2" Electrical Conduit, Lead Abatement Encapsulation	3.89
02 83 19 13-0163	SF	Picket Fence (Brush), Lead Abatement Encapsulation	2.79
02 83 19 13-0164	SF	Wood Floors (Roller), Lead Abatement Encapsulation	2.34
02 83 19 13-0165	SF	Grilles, Vents, Lead Abatement Encapsulation	6.42

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 83 19 13-0166	LF		Gutters And Downspouts, Lead Abatement Encapsulation	5.96	
02 83 19 13-0167	EA		Hangers, Lead Abatement Encapsulation	50.37	
02 83 19 13-0168	LF		Up To 4" Diameter Pipe (Brush), Lead Abatement Encapsulation.....	3.62	
02 83 19 13-0169	LF		>4" To 8" Diameter Pipe (Brush), Lead Abatement Encapsulation	5.24	
02 83 19 13-0170	LF		>8" To 12" Diameter Pipe (Brush), Lead Abatement Encapsulation	8.16	
02 83 19 13-0171	LF		>12" To 16" Diameter Pipe (Brush), Lead Abatement Encapsulation	12.03	
02 83 19 13-0172	EA		Radiators, Lead Abatement Encapsulation.....	131.61	
02 83 19 13-0173	EA		Up To 6' Shutters, Lead Abatement Encapsulation	187.38	
02 83 19 13-0174	SF		Siding, Lead Abatement Encapsulation	3.32	
02 83 19 13-0175	SF		Up To 12" Soffit, Lead Abatement Encapsulation	4.64	
02 83 19 13-0176	SF		Steel, Flat Surfaces And Tanks Up To 12', Lead Abatement Encapsulation	3.85	
02 83 19 13-0177	SF		Steel Beams And Metal Decks, Lead Abatement Encapsulation.....	5.02	
02 83 19 13-0178	SF		Trusses, Lead Abatement Encapsulation	5.02	
02 83 19 13-0179	SF		Drywall Walls, Lead Abatement Encapsulation.....	2.16	
02 83 19 13-0180	SF		Wood Walls, Lead Abatement Encapsulation.....	2.65	
02 83 19 13-0181	EA		Window Without Grille, Lead Abatement Encapsulation.....	111.69	
02 83 19 13-0182	EA		Window With Grille, Lead Abatement Encapsulation.....	143.48	
02 83 19 13-0183	LF		Wood Door Frames And Trim, Lead Abatement Encapsulation	3.40	
02 83 19 13-0184	LF		Steel Lintels, Lead Abatement Encapsulation	3.90	
02 83 19 13-0185			Hazardous Lead-Based Paint Remediation Disposal (02 83 19 13)		
02 83 19 13-0186	EA		Hazardous Lead-Based Paint Remediation Disposal At Approved Site, Up To 20 CY Dumpster	7,349.30	
			Note: Includes handling of material and disposal at approved site.		
02 83 19 13-0187	EA		Hazardous Lead-Based Paint Remediation Disposal At Approved Site, Up To 25 Gallons.....	587.94	
			Note: Includes handling of material and disposal at approved site.		
02 83 33			Removal and Disposal of Material Containing Lead (02 83)		
02 83 33 13			Lead-Based Paint Removal and Disposal (02 83 33)		
02 83 33 13-0001			Remove Loose Dirt And Debris Containing Lead (02 83 33 13)		
02 83 33 13-0002	SF		High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Mild Detergent.....	0.27	
02 83 33 13-0003	SF		High Efficiency Particulate Air (HEPA) Vacuum And Wet Cleaning Of Lead Contaminated Area With Tri-Sodium Phosphate	0.28	
02 83 33 13-0004	SF		High Efficiency Particulate Air (HEPA) Vacuum And Shampoo Cleaning Of Lead Contaminated Carpeting	1.35	
02 84			Polychlorinated Biphenyl Remediation (02 80)		
02 84 16			Handling of Lighting Ballasts and Lamps Containing PBCs and Mercury (02 84)		
02 84 16 00-0001			Removal Of TSCA-Exempt PCB And Non-PCB Ballasts From Demolished Fixtures (02 84 16)		
			Note: Includes removal of TSCA-exempt PCB and Non-PCB ballast from demolished lighting fixture and placing ballast in an approved container for recycling.		
02 84 16 00-0002	EA		Removal Of TSCA-Exempt Polychlorinated Biphenyl (PCB) And Non-PCB Ballast From A Demolished Fixture For Recycling	8.71	
02 84 16 00-0003			Recycle TSCA-Exempt PCB And Non-PCB Ballasts (02 84 16)		
			Note: Non-leaking ballasts. Includes containers, shipping costs and recycling fees. Excludes ballast removal.		
02 84 16 00-0004	EA		Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	3.14	
02 84 16 00-0005	EA		Recycle Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	4.00	
02 84 16 00-0006	EA		Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	9.45	
02 84 16 00-0007	EA		Recycle TSCA-Exempt Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures.....	19.77	
02 84 16 00-0008			Disposal Of Leaking PCB And Non-PCB Ballasts (02 84 16)		
			Note: Disposal at an EPA approved facility. Includes containers, shipping costs and disposal fees. Excludes ballast removal.		
02 84 16 00-0009	EA		Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	5.72	
02 84 16 00-0010	EA		Dispose Of Leaking Non-Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	7.87	
02 84 16 00-0011	EA		Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From Up To 4' Length Fixtures	24.29	
02 84 16 00-0012	EA		Dispose Of Leaking Polychlorinated Biphenyl (PCB) Ballast Removed From >4' To 8' Length Fixtures	47.16	
02 84 33			Removal and Disposal of Polychlorinated Biphenyls (02 84)		
02 84 33 00-0001			Removal And Disposal Of Polychlorinated Biphenyls Oil Filled Transformers (02 84 33)		
			Note: Includes disposal in approved container, rigging, manifesting, hauling, etc.		
02 84 33 00-0002	EA		Removal And Disposal Of Transformers 2.5/3.5 KVA, Non-Polychlorinated Biphenyl (PCB).....	4,944.35	
			Note: Includes disposal costs.		
02 84 33 00-0003	EA		Removal And Disposal Of Transformers 20 KVA, Non-Polychlorinated Biphenyl (PCB).....	7,811.69	
			Note: Includes disposal costs.		
02 84 33 00-0004	EA		Removal And Disposal Of Switch, Non-Polychlorinated Biphenyl (PCB).....	2,036.25	
02 84 33 00-0005	EA		Removal And Disposal Of Transformers 2.5/3.5 KVA, Polychlorinated Biphenyl (PCB).....	9,516.51	
			Note: Includes disposal costs.		
02 84 33 00-0006	EA		Removal And Disposal Of Switch, Polychlorinated Biphenyl (PCB)	3,684.42	

02 Existing Conditions**02 80 Facility Remediation****02 84 Polychlorinated Biphenyl Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

 02 84 33 00-0007 EA Removal And Disposal Of Transformers 20 KVA, Polychlorinated Biphenyl (PCB)..... 15,077.46
 Note: Includes disposal costs.
02 87 Bio-Hazard Material Remediation (02 80)**02 87 13 Mold Remediation** (02 87)

Note: All unit pricing in this section includes: materials, equipment, mobilization, preparation, removal, clean-up, vacuuming, transportation for up to 25 miles, disposal, monitoring (personnel and air), sampling/testing, fees, documentation and other associated costs necessary for the complete removal and disposal of mold in accordance with EPA, OSHA, IICRC standards and local regulations. Where types of Mold are listed by quantity, the quantity of the entire project, not a particular work area of building, is to be used in determining which tasks apply. For certain types of work, there is a task with a unit of measure of SET for a quantity of less than 100 LF or SF (Up to 25 LF for Mold Abatement pipe insulation), followed by a series of tasks for other quantities. For those tasks the contractor will be paid the first task with a unit of measure of EA, plus an additional task to arrive at the appropriate quantity for the project. See CSI section 01 56 16 00-0033 for temporary stud walls, 01 74 19 00-0045 for hauling in excess of 25 miles to transfer or disposal site, 02 89 00 00-0008 for plastic sheeting for containment construction, 02 89 00 00-0018 for decontamination chambers.

02 87 13 33 Removal and Disposal of Materials with Mold (02 87 13)
 02 87 13 33-0001 Pipe And Pipe Fittings Insulation, Mold Abatement And Disposal (02 87 13 33)
 Note: Treat fittings as additional lf of insulation.

 02 87 13 33-0002 Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0001)
 Note: Diameter is outer size of insulation.

 02 87 13 33-0003 Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)
 Note: Excludes encased fittings.

 02 87 13 33-0004 SET Up To 20 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal 750.03
 02 87 13 33-0005 LF >20 To 250 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal 29.28
 02 87 13 33-0006 LF >250 To 500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal 22.26
 02 87 13 33-0007 LF >500 To 2,500 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal..... 17.00
 02 87 13 33-0008 LF >2,500 To 10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal..... 13.06
 02 87 13 33-0009 LF >10,000 LF, Up To 6" Diameter Pipe Insulation, Mold Abatement And Disposal..... 11.51

02 87 13 33-0010 >6" Diameter Pipe Insulation, Mold Abatement And Disposal (02 87 13 33-0002)

 02 87 13 33-0011 SET Up To 20 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal..... 823.22
 02 87 13 33-0012 LF >20 To 250 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal 37.14
 02 87 13 33-0013 LF >250 To 500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal 29.08
 02 87 13 33-0014 LF >500 To 2,500 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal 23.03
 02 87 13 33-0015 LF >2,500 To 10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal 18.49
 02 87 13 33-0016 LF >10,000 LF, >6" Diameter Pipe Insulation, Mold Abatement And Disposal 16.72

02 87 13 33-0017 Thermal Insulation, Mold Abatement And Disposal (02 87 13 33)

02 87 13 33-0018 Other Thermal Insulation, Up To 3" Thick, Mold Abatement And Disposal (02 87 13 33-0017)

 02 87 13 33-0019 SET Up To 50 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal..... 786.62
 02 87 13 33-0020 SF >50 To 500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal 17.35
 02 87 13 33-0021 SF >500 To 2,500 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal 13.31
 02 87 13 33-0022 SF >2,500 To 10,000 SF, Up To 3" Thick Other Thermal Insulation, Mold Abatement And Disposal 10.29
 02 87 13 33-0023 SF >10,000 SF, Up To 3" Thick Thermal Insulation, Mold Abatement And Disposal 8.17

02 87 13 33-0024 Surfacing Material, Mold Abatement And Disposal (02 87 13 33)

Note: e.g. fireproofing, acoustical plaster, etc.

02 87 13 33-0025 Stucco, Mold Abatement And Disposal (02 87 13 33-0024)

Note: Remove surface coat from brown coat or remove entire assembly, including lath.

 02 87 13 33-0026 SET Up To 50 SF, Stucco, Mold Abatement And Disposal 766.30
 02 87 13 33-0027 SF >50 To 500 SF, Stucco, Mold Abatement And Disposal 16.94
 02 87 13 33-0028 SF >500 To 2,500 SF, Stucco, Mold Abatement And Disposal 12.90
 02 87 13 33-0029 SF >2,500 To 10,000 SF, Stucco, Mold Abatement And Disposal 9.88
 02 87 13 33-0030 SF >10,000 SF, Stucco, Mold Abatement And Disposal 7.63

02 87 13 33-0031 Acoustical Plaster, Mold Abatement And Disposal (02 87 13 33-0024)

Note: Remove surface coat from brown coat or remove entire assembly, including lath.

 02 87 13 33-0032 SET Up To 50 SF, Acoustical Plaster, Mold Abatement And Disposal 766.30
 02 87 13 33-0033 SF >50 To 500 SF, Acoustical Plaster, Mold Abatement And Disposal 16.94
 02 87 13 33-0034 SF >500 To 2,500 SF, Acoustical Plaster, Mold Abatement And Disposal..... 12.90
 02 87 13 33-0035 SF >2,500 To 10,000 SF, Acoustical Plaster, Mold Abatement And Disposal..... 9.88
 02 87 13 33-0036 SF >10,000 SF, Acoustical Plaster, Mold Abatement And Disposal..... 7.63

02 87 13 33-0037 Gypsum Board, Mold Abatement And Disposal (02 87 13 33-0024)

 02 87 13 33-0038 SET Up To 100 SF, Gypsum Board, Mold Abatement And Disposal..... 806.97
 02 87 13 33-0039 SF >100 To 500 SF, Gypsum Board, Mold Abatement And Disposal 6.02
 02 87 13 33-0040 SF >500 To 2,500 SF, Gypsum Board, Mold Abatement And Disposal 4.90
 02 87 13 33-0041 SF >2,500 To 10,000 SF, Gypsum Board, Mold Abatement And Disposal 3.98
 02 87 13 33-0042 SF >10,000 SF, Gypsum Board, Mold Abatement And Disposal 3.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 13 33-0043 Fireproofing, Mold Abatement And Disposal <small>(02 87 13 33-0024)</small>		
<i>Note: Exposed surface area, includes associated overspray.</i>		
02 87 13 33-0044 SET Up To 50 SF, Fireproofing, Mold Abatement And Disposal	786.62	
02 87 13 33-0045 SF >50 To 500 SF, Fireproofing, Mold Abatement And Disposal	23.44	
02 87 13 33-0046 SF >500 To 2,500 SF, Fireproofing, Mold Abatement And Disposal	17.91	
02 87 13 33-0047 SF >2,500 To 10,000 SF, Fireproofing, Mold Abatement And Disposal	13.73	
02 87 13 33-0048 SF >10,000 SF, Fireproofing, Mold Abatement And Disposal	10.61	
02 87 13 33-0049 Flooring, Mold Abatement And Disposal <small>(02 87 13 33)</small>		
<i>Note: Includes cove base.</i>		
02 87 13 33-0050 Floor Tile Or Linoleum, Mold Abatement And Disposal <small>(02 87 13 33-0049)</small>		
02 87 13 33-0051 Floor Tile Or Linoleum, Mold Abatement And Disposal <small>(02 87 13 33-0050)</small>		
<i>Note: Single layer or first of multiple layers.</i>		
02 87 13 33-0052 SET Up To 100 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	806.97	
02 87 13 33-0053 SF >100 To 500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	5.99	
<i>For Each Additional Layer, Add</i>		
02 87 13 33-0054 SF >500 To 2,500 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	3.61	
<i>For Each Additional Layer, Add</i>		
02 87 13 33-0055 SF >2,500 To 10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	2.33	
<i>For Each Additional Layer, Add</i>		
02 87 13 33-0056 SF >10,000 SF, Single Layer Or First Of Multiple Layers, Floor Tile Or Linoleum, Mold Abatement And Disposal	1.93	
<i>For Each Additional Layer, Add</i>		
02 87 13 33-0057 Carpet, Mold Abatement And Disposal <small>(02 87 13 33-0049)</small>		
02 87 13 33-0058 Carpet, Glue Down, Mold Abatement And Disposal <small>(02 87 13 33-0057)</small>		
02 87 13 33-0059 SET Up To 100 SF, Carpet, Glue Down, Mold Abatement And Disposal	806.97	
02 87 13 33-0060 SF >100 To 500 SF, Carpet, Glue Down, Mold Abatement And Disposal	5.08	
02 87 13 33-0061 SF >500 To 2,500 SF, Carpet, Glue Down, Mold Abatement And Disposal	3.40	
02 87 13 33-0062 SF >2,500 To 10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.46	
02 87 13 33-0063 SF >10,000 SF, Carpet, Glue Down, Mold Abatement And Disposal	2.01	
02 87 13 33-0064 Carpet, Padded With Tack Strips, Mold Abatement And Disposal <small>(02 87 13 33-0057)</small>		
02 87 13 33-0065 SET Up To 100 SF, Carpet And Pad, Mold Abatement And Disposal	806.97	
<i>Note: Includes tack strips.</i>		
02 87 13 33-0066 SF >100 To 500 SF, Carpet And Pad, Mold Abatement And Disposal	5.65	
<i>Note: Includes tack strips.</i>		
02 87 13 33-0067 SF >500 To 2,500 SF, Carpet And Pad, Mold Abatement And Disposal	4.26	
<i>Note: Includes tack strips.</i>		
02 87 13 33-0068 SF >2,500 To 10,000 SF, Carpet And Pad, Mold Abatement And Disposal	3.50	
<i>Note: Includes tack strips.</i>		
02 87 13 33-0069 SF >10,000 SF, Carpet And Pad, Mold Abatement And Disposal	2.82	
<i>Note: Includes tack strips.</i>		
02 87 13 33-0070 Subflooring, Mold Abatement And Disposal <small>(02 87 13 33-0049)</small>		
02 87 13 33-0071 SET Up To 75 SF, Subflooring, Mold Abatement And Disposal	786.62	
02 87 13 33-0072 SF >75 To 500 SF, Subflooring, Mold Abatement And Disposal	6.81	
02 87 13 33-0073 SF >500 To 2,500 SF, Subflooring, Mold Abatement And Disposal	4.56	
02 87 13 33-0074 SF >2,500 To 10,000 SF, Subflooring, Mold Abatement And Disposal	2.98	
02 87 13 33-0075 SF >10,000 SF, Subflooring, Mold Abatement And Disposal	2.11	
02 87 13 33-0076 Siding, Mold Abatement And Disposal <small>(02 87 13 33)</small>		
02 87 13 33-0077 Interior Paneling, Mold Abatement And Disposal <small>(02 87 13 33-0076)</small>		
<i>Note: Includes detachment of mounted objects before removal.</i>		
02 87 13 33-0078 SET Up To 100 SF, Interior Paneling, Mold Abatement And Disposal	806.97	
<i>Note: Includes detachment of mounted objects before removal.</i>		
02 87 13 33-0079 SF >100 To 500 SF, Interior Paneling, Mold Abatement And Disposal	5.97	
<i>Note: Includes detachment of mounted objects before removal.</i>		
02 87 13 33-0080 SF >500 To 2,500 SF, Interior Paneling, Mold Abatement And Disposal	4.37	
<i>Note: Includes detachment of mounted objects before removal.</i>		
02 87 13 33-0081 SF >2,500 To 10,000 SF, Interior Paneling, Mold Abatement And Disposal	2.78	
<i>Note: Includes detachment of mounted objects before removal.</i>		
02 87 13 33-0082 SF >10,000 SF, Interior Paneling, Mold Abatement And Disposal	2.26	
<i>Note: Includes detachment of mounted objects before removal.</i>		
02 87 13 33-0083 Exterior Siding, Mold Abatement And Disposal <small>(02 87 13 33-0076)</small>		
02 87 13 33-0084 SET Up To 100 SF, Exterior Siding Board, Mold Abatement And Disposal	806.97	
02 87 13 33-0085 SF >100 To 500 SF, Exterior Siding Board, Mold Abatement And Disposal	7.29	
02 87 13 33-0086 SF >500 To 2,500 SF, Exterior Siding Board, Mold Abatement And Disposal	5.24	
02 87 13 33-0087 SF >2,500 To 10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.71	
02 87 13 33-0088 SF >10,000 SF, Exterior Siding Board, Mold Abatement And Disposal	3.40	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

02 87 13 33-0089	Contaminated Debris, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0090	Contaminated Debris, Mold Abatement And Disposal (02 87 13 33-0089)		
02 87 13 33-0091	SET Up To 20 CF, Contaminated Debris, Mold Abatement And Disposal.....	823.22	
02 87 13 33-0092	CF >20 To 100 CF, Contaminated Debris, Mold Abatement And Disposal.....	29.97	
02 87 13 33-0093	CF >100 To 250 CF, Contaminated Debris, Mold Abatement And Disposal.....	21.61	
02 87 13 33-0094	CF >250 To 500 CF, Contaminated Debris, Mold Abatement And Disposal.....	17.43	
02 87 13 33-0095	CF >500 To 2,500 CF, Contaminated Debris, Mold Abatement And Disposal.....	14.92	
02 87 13 33-0096	CF >2,500 To 10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	10.36	
02 87 13 33-0097	CF >10,000 CF, Contaminated Debris, Mold Abatement And Disposal.....	9.80	
02 87 13 33-0098	Other Mold Containing Materials, Mold Abatement And Disposal (02 87 13 33)		
02 87 13 33-0099	Wood Studs, Mold Abatement And Disposal (02 87 13 33-0098)		
	Note: 2" x 4" or 2" x 6" exposed studs in walls. Excludes surfacing material.		
02 87 13 33-0100	SET Up To 100 LF, Wood Studs, Mold Abatement And Disposal.....	403.46	
02 87 13 33-0101	LF >100 To 500 LF, Wood Studs, Mold Abatement And Disposal.....	3.33	
02 87 13 33-0102	LF >500 To 2,500 LF, Wood Studs, Mold Abatement And Disposal.....	2.55	
02 87 13 33-0103	LF >2,500 To 10,000 LF, Wood Studs, Mold Abatement And Disposal.....	2.05	
02 87 13 33-0104	LF >10,000 LF, Wood Studs, Mold Abatement And Disposal.....	1.62	
02 87 13 33-0105	Ceiling Tile, Mold Abatement And Disposal (02 87 13 33-0098)		
	Note: e.g. grid, spline, or glued on; 12" x 12" to 2' x 4'.		
02 87 13 33-0106	SET Up To 100 SF, Ceiling Tile, Mold Abatement And Disposal.....	806.97	
02 87 13 33-0107	SF >100 To 1,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	9.88	
02 87 13 33-0108	SF >1,000 To 2,500 SF, Ceiling Tile, Mold Abatement And Disposal.....	4.94	
02 87 13 33-0109	SF >2,500 To 10,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.71	
02 87 13 33-0110	SF >10,000 To 25,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.67	
02 87 13 33-0111	SF >25,000 To 50,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.61	
02 87 13 33-0112	SF >50,000 To 100,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	3.23	
02 87 13 33-0113	SF >100,000 SF, Ceiling Tile, Mold Abatement And Disposal.....	2.88	
02 87 13 33-0114	Caulking, Mold Abatement And Disposal (02 87 13 33-0098)		
02 87 13 33-0115	SET Up To 20 LF, Caulking, Mold Abatement And Disposal.....	182.76	
02 87 13 33-0116	LF >20 To 50 LF, Caulking, Mold Abatement And Disposal.....	3.69	
02 87 13 33-0117	LF >50 To 100 LF, Caulking, Mold Abatement And Disposal.....	2.66	
02 87 13 33-0118	LF >100 To 250 LF, Caulking, Mold Abatement And Disposal.....	2.03	
02 87 13 33-0119	LF >250 To 1,000 LF, Caulking, Mold Abatement And Disposal.....	1.52	
02 87 13 33-0120	LF >1,000 To 2,500 LF, Caulking, Mold Abatement And Disposal.....	1.24	
02 87 13 33-0121	LF >2,500 LF, Caulking, Mold Abatement And Disposal.....	1.08	
02 87 13 33-0122	Wipe Down Walls, Ceilings And Floors (02 87 13 33-0098)		
02 87 13 33-0123	CSF Wipe Down Floors With Mild Bleach Solution.....	20.18	
	For >25 To 50, Deduct	-2.02	
	For >50 To 200, Deduct	-5.04	
	For >200, Deduct	-8.06	
02 87 13 33-0124	CSF Wipe Down Walls With Mild Bleach Solution.....	23.74	
	For >25 To 50, Deduct	-2.37	
	For >50 To 200, Deduct	-5.93	
	For >200, Deduct	-9.49	
02 87 13 33-0125	CSF Wipe Down Ceilings With Mild Bleach Solution.....	26.99	
	For >25 To 50, Deduct	-2.70	
	For >50 To 200, Deduct	-6.74	
	For >200, Deduct	-10.79	
02 87 13 33-0126	CSF Wipe Down Countertops With Mild Bleach Solution.....	22.01	
	For >25 To 50, Deduct	-2.20	
02 87 13 33-0127	CSF Wipe Down Other Surfaces With Mild Bleach Solution.....	27.93	
	For >25 To 50, Deduct	-2.79	
	For >50 To 200, Deduct	-6.98	
	For >200, Deduct	-11.16	
02 87 13 33-0128	Cabinets (02 87 13 33-0098)		
02 87 13 33-0129	SET Up To 10 LF, Base Cabinet, Mold Abatement And Disposal.....	992.98	
02 87 13 33-0130	LF >10 To 20 LF, Base Cabinet, Mold Abatement And Disposal.....	103.67	
02 87 13 33-0131	LF >20 LF, Base Cabinet, Mold Abatement And Disposal.....	81.79	
02 87 13 33-0132	SET Up To 10 LF, Wall Cabinet, Mold Abatement And Disposal.....	846.61	
02 87 13 33-0133	LF >10 To 20 LF, Wall Cabinet, Mold Abatement And Disposal.....	80.29	
02 87 13 33-0134	LF >20 LF, Wall Cabinet, Mold Abatement And Disposal.....	58.41	

02 87 16 Excrement Removal (02 87)

Note: Includes materials, equipment, mobilization, preparation, critical barriers (e.g. electrical outlets, registers, windows, etc.), signage, removal, clean-up, vacuuming, disposal, personnel health monitoring, documentation and other associated costs necessary for the complete removal and disposal of the contaminated material in accordance with EPA and local regulations. The quantity of the entire project, not a particular work area, is to be used in determining which tasks apply. There is a task with a unit of measure of EA for a quantity of less than 10 SF, followed by a series of tasks for additional quantities. For those tasks, the contractor will be paid the first task with a unit of measure of EA, plus each additional task in sequence to arrive at the total quantity for the entire project, not a particular work area.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 87 16 13 Bird Excrement Removal (02 87 16)

02 87 16 13-0001 Bird Waste Removal (02 87 16 13)

Note: In addition to items listed the Bio-Hazard Material Remediation note above, includes wetting agents and disinfection of contaminated surfaces.

02 87 16 13-0002	EA	Up To 10 SF Bird Waste Removal, Up To 3" Thickness <i>For Work In Restricted Working Space, Add</i>	725.64 217.69
02 87 16 13-0003	SF	>10 To 500 SF Bird Waste Removal, Up To 3" Thickness <i>For Work In Restricted Working Space, Add</i>	12.09 3.63
02 87 16 13-0004	SF	>500 To 2,500 SF Bird Waste Removal, Up To 3" Thickness <i>For Work In Restricted Working Space, Add</i>	11.00 3.30
02 87 16 13-0005	SF	>2,500 To 10,000 SF Bird Waste Removal, Up To 3" Thickness <i>For Work In Restricted Working Space, Add</i>	10.00 3.00
02 87 16 13-0006	SF	>10,000 SF Bird Waste Removal, Up To 3" Thickness <i>For Work In Restricted Working Space, Add</i>	9.08 2.72

02 87 19 Bio-Hazard and Infectious Disease Control Remediation (02 87)

02 87 19 00-0001 Temporary Barriers (02 87 19)

02 87 19 00-0002 Adjustable Barrier Panel System For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.

02 87 19 00-0003	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	1,010.97
02 87 19 00-0004	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	959.72
02 87 19 00-0005	EA	2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	754.73
02 87 19 00-0006	EA	2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	874.31
02 87 19 00-0007	EA	6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	462.77
02 87 19 00-0008	EA	12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	496.94
02 87 19 00-0009	EA	3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010) Note: Includes a hydraulic closer and a lever style lockset standard.	1,549.09
02 87 19 00-0010	EA	4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003) Note: Includes a hydraulic closer and a lever style lockset standard.	1,719.92
02 87 19 00-0011	EA	4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008) Note: Includes a hydraulic closer and a lever style lockset standard.	2,061.58
02 87 19 00-0012	EA	7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	338.68
02 87 19 00-0013	EA	7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	278.88
02 87 19 00-0014	EA	7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	278.88
02 87 19 00-0015	EA	Closure Strips (Edge Guard 3003) Note: To seal panels to existing walls	18.65
02 87 19 00-0016	EA	Digital Differential Pressure Gauge Kit (Edge Guard 3005)	475.44

02 87 19 00-0017 Temporary Sheeting For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

Note: Includes removal and disposal in approved landfill after use.

02 87 19 00-0018	SF	6 Mil Plastic Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.56
02 87 19 00-0019	SF	6 Mil Plastic Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.74
02 87 19 00-0020	SF	6 Mil Plastic Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	0.99
02 87 19 00-0021	SF	6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, For Bio-Hazard And Infectious Disease Control	0.67
02 87 19 00-0022	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, For Bio-Hazard And Infectious Disease Control	0.85
02 87 19 00-0023	SF	6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, For Bio-Hazard And Infectious Disease Control	1.10

02 87 19 00-0024 Temporary Floor Protection For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

Note: Includes removal after use.

02 87 19 00-0025	SF	1/8" Thick, Masonite Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.82
02 87 19 00-0026	SF	1/2" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	1.83
02 87 19 00-0027	SF	3/4" Thick, Plywood Temporary Floor Protection For Bio-Hazard And Infectious Disease Control	2.13

02 87 19 00-0028 Temporary Stud Wall For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

Note: Includes removal after use.

02 87 19 00-0029	SF	1/2" Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.06
02 87 19 00-0030	SF	1/2" Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.46
02 87 19 00-0031	SF	5/8" Type Fire Rated Gypsum Board On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	6.23
02 87 19 00-0032	SF	5/8" Type Fire Rated Gypsum Board On Both Sides, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	8.79
02 87 19 00-0033	SF	6 Mil, Fire Retardant, Plastic Sheeting On One Side, Temporary Wood Stud Wall For Bio-Hazard And Infectious Disease Control	3.47

02 87 19 00-0034 Isolation Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0035 GSF Tent Construction Utilizing Two Layers Of 6 Mil Fire Rated Plastic Sheeting For Bio-Hazard And Infectious Disease Control Note: Includes support frame of 2x4s or PVC piping (ground SF) up to 6' to construct stand-alone tents (floor, walls and ceiling) with airlock.	25.07	
02 87 19 00-0036 GSF Relocate Tent Construction To Different Area	2.83	
02 87 19 00-0037 Plexiglass Barriers For Bio-Hazard And Infectious Disease Control (02 87 19 00-0001)		
02 87 19 00-0038 SF 3/8" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	21.34	
02 87 19 00-0039 SF 1/2" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	25.26	
02 87 19 00-0040 SF 3/4" Thick, Clear Acrylic Glazing (Plexiglas) For Bio-Hazard And Infectious Disease Control	35.62	
02 87 19 00-0041 PR Install Pair Of 8" Diameter Glove Iris Port In Barrier For Bio-Hazard And Infectious Disease Control	1,443.58	
Note: Excludes gloves.		
02 87 19 00-0042 PR Pair Of 8" Diameter Economy Sleeved Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control	517.58	
Note: For installation in glove iris port.		
02 87 19 00-0043 PR Pair Of 8" Diameter Bellows Type Gloves With Clamping Ring For Bio-Hazard And Infectious Disease Control	826.40	
Note: For installation in glove iris port.		
02 87 19 00-0044 EA 5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru In Barrier For Bio-Hazard And Infectious Disease	148.60	
Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).		
02 87 19 00-0045 Temporary Portable And Mobile Trailers (02 87 19)		
02 87 19 00-0046 Trailer Delivery (02 87 19 00-0045)		
02 87 19 00-0047 EA Deliver Trailer Within 25 Miles	1,127.43	
02 87 19 00-0048 Portable And Mobile Trailers, Purchase (02 87 19 00-0045)		
Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, & phone jacks. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.		
02 87 19 00-0049 EA 8' x 24' Mobile Trailer With Toilet, Purchase	12,724.65	
For Tie-Downs, Add	126.50	
02 87 19 00-0050 EA 8' x 32' Mobile Trailer With Toilet, Purchase	17,975.89	
For Tie-Downs, Add	126.50	
02 87 19 00-0051 EA 10' x 36' Mobile Trailer With Toilet, Purchase	25,647.89	
For Tie-Downs, Add	126.50	
02 87 19 00-0052 EA 10' x 44' Mobile Trailer With Toilet, Purchase	32,048.95	
For Tie-Downs, Add	126.50	
02 87 19 00-0053 EA 10' x 50' Mobile Trailer With Toilet, Purchase	36,436.39	
For Tie-Downs, Add	126.50	
02 87 19 00-0054 EA 12' x 50' Mobile Trailer With Toilet, Purchase	38,305.37	
For Tie-Downs, Add	126.50	
02 87 19 00-0055 EA 12' x 60' Mobile Trailer With Toilet, Purchase	42,622.27	
For Tie-Downs, Add	126.50	
02 87 19 00-0056 Accessories For Portable And Mobile Trailers (02 87 19 00-0045)		
02 87 19 00-0057 Skirting (02 87 19 00-0056)		
Note: Includes 2" x 4" wood framing 16" on center.		
02 87 19 00-0058 SF 1'-8" High Vinyl Covered Skirt	5.20	1.96
02 87 19 00-0059 SF 3' High Vinyl Covered Skirt	7.60	3.22
02 87 19 00-0060 Aluminum Modular Access Ramp (02 87 19 00-0056)		
Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
02 87 19 00-0061 EA Up To 35" High, Aluminum Modular Access Ramp	3,715.31	37.41
02 87 19 00-0062 Aluminum Modular Stairs (02 87 19 00-0056)		
Note: Excludes earthwork		
02 87 19 00-0063 EA Aluminum Steps For Mobile Trailers	1,026.47	
02 87 19 00-0064 Decontamination Chambers For Bio-Hazard And Infectious Disease Control		
(02 87 19)		
Note: Includes removal after use.		
02 87 19 00-0065 EA Portable Personnel Decontamination Wash Facility (3 Stage) For Bio-Hazard And Infectious Disease Control	978.89	
Note: Includes connection to negative air system.		
02 87 19 00-0066 EA Portable Personnel Decontamination Wash Facility (5 Stage) For Bio-Hazard And Infectious Disease Control	1,153.53	
Note: Includes connection to negative air system.		
02 87 19 00-0067 EA Portable Waste Decontamination Unit For Bio-Hazard And Infectious Disease Control	595.60	
Note: Includes connection to negative air system.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0068 Bio-Hazard And Infectious Disease Control Cleaning, Level 2 <small>(02 87 19)</small>		
<p>Note: Includes worker personal protection equipment suites, gloves and masks. Level 1 Biohazard - Minor bacteria and viruses as well as non-infectious bacteria. Microbes are not known to cause disease in healthy hosts and pose minimal risk to workers and the environment. Level 2 Biohazard - Bacteria and viruses that cause mild disease or are difficult to contract. Microbes are typically indigenous and are associated with diseases of varying severity. They pose moderate risk to workers and the environment. Level 3 Biohazard - Microbes are indigenous or exotic and cause serious or potential lethal diseases through respiratory transmission. Disposal of materials used to wipe down surfaces in approved landfill after use. See CSI section 02 87 19 00-0138 for disposal of material into approved landfill.</p>		
02 87 19 00-0069 Bio-Hazard And Infectious Disease Control Cleaning Mobilization <small>(02 87 19 00-0069)</small>		
02 87 19 00-0070 EA Bio-Hazard And Infectious Disease Control Mobilization And Set-Up	371.31	
<p>Note: Mobilization and set-up minimum for each site location.</p>		
02 87 19 00-0071 Bio-Hazard And Infectious Disease Control Cleaning Of Surfaces <small>(02 87 19 00-0068)</small>		
<p>Note: Includes electrostatic spraying of surfaces with mild bleach, wet mop/wipe, disinfect and high efficiency particulate air (HEPA) vacuum surfaces</p>		
02 87 19 00-0072 CSF Cleaning Of Floors For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	27.54	
<p><i>For >25 To 50, Deduct</i> -2.75</p> <p><i>For >50 To 200, Deduct</i> -5.50</p> <p><i>For >200, Deduct</i> -8.25</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 14.23</p> <p><i>For Level 1 Biohazard Cleaning, Deduct</i> -5.50</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 9.08</p>		
02 87 19 00-0073 CSF Cleaning Of Walls For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	32.39	
<p><i>For >25 To 50, Deduct</i> -3.24</p> <p><i>For >50 To 200, Deduct</i> -6.47</p> <p><i>For >200, Deduct</i> -9.71</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 14.23</p> <p><i>For Level 1 Biohazard Cleaning, Deduct</i> -6.47</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 10.68</p>		
02 87 19 00-0074 CSF Cleaning Of Ceilings For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	36.84	
<p><i>For >25 To 50, Deduct</i> -3.68</p> <p><i>For >50 To 200, Deduct</i> -7.36</p> <p><i>For >200, Deduct</i> -11.04</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 14.23</p> <p><i>For Level 1 Biohazard Cleaning, Deduct</i> -7.36</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 12.15</p>		
02 87 19 00-0075 CSF Cleaning Of Countertops For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	30.04	
<p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 14.23</p> <p><i>For >5 To 10, Deduct</i> -1.50</p> <p><i>For >10 To 50, Deduct</i> -3.00</p> <p><i>For >50, Deduct</i> -6.00</p> <p><i>For Level 1 Biohazard Cleaning, Deduct</i> -6.00</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 9.90</p>		
02 87 19 00-0076 CSF Cleaning Of Other Surfaces For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution.....	38.11	
<p><i>For >25 To 50, Deduct</i> -3.81</p> <p><i>For >50 To 200, Deduct</i> -7.62</p> <p><i>For >200, Deduct</i> -11.42</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 14.23</p> <p><i>For Level 1 Biohazard Cleaning, Deduct</i> -7.62</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 12.57</p>		
02 87 19 00-0077 Bio-Hazard And Infectious Disease Control Cleaning Of Equipment And Materials <small>(02 87 19 00-0068)</small>		
<p>Note: Includes spraying of surfaces with mild bleach, wet mop/wipe and disinfect</p>		
02 87 19 00-0078 EA Cleaning Of Plumbing Fixture For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	71.16	
<p><i>For Level 1 Biohazard Cleaning, Deduct</i> -14.23</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 23.47</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 7.11</p>		
02 87 19 00-0079 EA Cleaning Of Restroom Accessory For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	32.66	
<p><i>For Level 1 Biohazard Cleaning, Deduct</i> -6.53</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 10.77</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 4.74</p>		
02 87 19 00-0080 EA Cleaning Of Kitchen Appliance For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	114.61	
<p><i>For Level 1 Biohazard Cleaning, Deduct</i> -22.92</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 37.81</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 7.11</p>		
02 87 19 00-0081 EA Cleaning Of Electrical Switch/Receptacle For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	7.07	
<p><i>For Level 1 Biohazard Cleaning, Deduct</i> -1.41</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 2.32</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 1.42</p>		
02 87 19 00-0082 EA Cleaning Of WorkStation, Exterior Wipe For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	105.66	
<p><i>Clean-up</i></p> <p>Note: Includes desk, chair, computer, monitor(s), keyboard, mouse, lamp, drawers</p> <p><i>For Level 1 Biohazard Cleaning, Deduct</i> -21.13</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 34.86</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 7.11</p>		
02 87 19 00-0083 EA Cleaning Of Knobs, Latches, And Locks For Bio-Hazard And Infectious Disease Control With Mild Bleach Solution	11.30	
<p><i>Clean-up</i></p> <p><i>For Level 1 Biohazard Cleaning, Deduct</i> -2.25</p> <p><i>For Level 3 Biohazard Cleaning, Add</i> 3.72</p> <p><i>For Cleaning Surfaces With Goldshield® GS5, Add</i> 1.42</p>		

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0084			Bio-Hazard And Infectious Disease Control Cleaning Of Ductwork (02 87 19 00-0068)		
02 87 19 00-0085	LF		Up To 2 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	4.16	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-0.83	
			<i>For Level 3 Biohazard Cleaning, Add</i>	1.36	
02 87 19 00-0086	LF		>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	5.22	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-1.03	
			<i>For Level 3 Biohazard Cleaning, Add</i>	1.70	
02 87 19 00-0087	LF		>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	7.00	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-1.38	
			<i>For Level 3 Biohazard Cleaning, Add</i>	2.27	
02 87 19 00-0088	LF		>8 SF Cross Section, Clean Supply/Return Ductwork For Bio-Hazard And Infectious Disease Control Cleaning	9.91	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-1.93	
			<i>For Level 3 Biohazard Cleaning, Add</i>	3.19	
02 87 19 00-0089	EA		Clean Duct Coil For Bio-Hazard And Infectious Disease Control Cleaning	185.68	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-37.13	
			<i>For Level 3 Biohazard Cleaning, Add</i>	61.26	
02 87 19 00-0090	SF		Clean Duct Dampers And Vane Sets For Bio-Hazard And Infectious Disease Control Cleaning	12.92	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-2.58	
			<i>For Level 3 Biohazard Cleaning, Add</i>	4.25	
02 87 19 00-0091	EA		Clean Fan Coil Unit (FCU) Or Variable Air Volume (VAV) Unit For Bio-Hazard And Infectious Disease Control Cleaning	123.80	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-24.75	
			<i>For Level 3 Biohazard Cleaning, Add</i>	40.84	
02 87 19 00-0092	EA		Clean Air Handling Unit Fan And Coil For Bio-Hazard And Infectious Disease Control Cleaning	371.34	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-74.26	
			<i>For Level 3 Biohazard Cleaning, Add</i>	122.53	
02 87 19 00-0093	EA		Clean Grille/Diffuser/Register For Bio-Hazard And Infectious Disease Control Cleaning	30.98	
			Note: Includes removal and reinstallation.		
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-6.19	
			<i>For Level 3 Biohazard Cleaning, Add</i>	10.21	
02 87 19 00-0094	SF		Apply Sporidicin Disinfectant To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.56	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-0.10	
			<i>For Level 3 Biohazard Cleaning, Add</i>	0.17	
02 87 19 00-0095	SF		Apply Goldshield® GS5 Anti-microbial Agent To Ductwork And Surfaces After Cleaning For Bio-Hazard And Infectious Disease Control Cleaning	0.64	
			<i>For Level 1 Biohazard Cleaning, Deduct</i>	-0.10	
			<i>For Level 3 Biohazard Cleaning, Add</i>	0.17	
02 87 19 00-0096			Bio-Hazard And Infectious Disease Control Equipment Rental (02 87 19)		
			Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0097	DAY		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	147.16	
02 87 19 00-0098	WK		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	628.81	
02 87 19 00-0099	MO		Up To 5,000 CFM Portable Air Scrubber For Bio-Hazard And Infectious Disease Control Clean-up	1,755.06	
02 87 19 00-0100	DAY		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	152.47	
02 87 19 00-0101	WK		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	419.28	
02 87 19 00-0102	MO		Industrial High Efficiency Particulate Air (HEPA) Vacuum For Bio-Hazard And Infectious Disease Control Clean-up	1,143.49	
02 87 19 00-0103	DAY		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	44.84	
02 87 19 00-0104	WK		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	123.32	
02 87 19 00-0105	MO		Zip Wall Poles (Per 2 Poles) For Bio-Hazard And Infectious Disease Control Clean-up	336.32	
02 87 19 00-0106	DAY		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	112.00	
02 87 19 00-0107	WK		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	460.00	
02 87 19 00-0108	MO		Up To 2,000 CFM Portable Negative Air Machine With Pre-Filter And High Efficiency Particulate Air (HEPA) Filter For Bio-Hazard And Infectious Disease Control Clean-up	1,390.00	
02 87 19 00-0109	EA		High Efficiency Particulate Air (HEPA) Filter, 99.99% Efficient At 0.3 Micron For Negative Air Machine For Bio-Hazard And Infectious Disease Control Clean-up	179.87	
			Note: Required if over 800 hours operation.		
02 87 19 00-0110	DAY		20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	425.21	
02 87 19 00-0111	WK		20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	850.42	
02 87 19 00-0112	MO		20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,700.83	
02 87 19 00-0113	DAY		20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	566.94	
02 87 19 00-0114	WK		20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,133.89	
02 87 19 00-0115	MO		20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,267.78	
02 87 19 00-0116	DAY		20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	957.33	
02 87 19 00-0117	WK		20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,914.66	
02 87 19 00-0118	MO		20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,829.33	
02 87 19 00-0119	DAY		20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,276.44	
02 87 19 00-0120	WK		20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	2,552.88	
02 87 19 00-0121	MO		20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	5,105.77	
02 87 19 00-0122	DAY		20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	1,595.55	
02 87 19 00-0123	WK		20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	3,191.10	
02 87 19 00-0124	MO		20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up	6,382.21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0125 EA Set-Up 20' x 20' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	113.23	
Note: Includes staking down tent.		
02 87 19 00-0126 EA Set-Up 20' x 40' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	226.47	
Note: Includes staking down tent.		
02 87 19 00-0127 EA Set-Up 20' x 60' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	679.41	
Note: Includes staking down tent.		
02 87 19 00-0128 EA Set-Up 20' x 80' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	1,358.83	
Note: Includes staking down tent.		
02 87 19 00-0129 EA Set-Up 20' x 100' High Peak Frame Tent For Bio-Hazard And Infectious Disease Control Clean-up.....	2,264.72	
Note: Includes staking down tent.		
02 87 19 00-0130 DAY Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up.....	92.98	
02 87 19 00-0131 WK Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up.....	255.69	
02 87 19 00-0132 MO Portable Dual Sink Wash Station For Bio-Hazard And Infectious Disease Control Clean-up.....	697.34	
02 87 19 00-0133 Bio-Hazard And Infectious Disease Control Hauling By Truck <small>(02 87 19)</small>		
Note: Includes driver and equipment, ten (10) to fifteen (15) minutes load time, time for travel, dump time and return (roundtrip). The task quantity is the number of miles to the disposal site/transfer station (one-way mileage) using an appropriately sized truck.		
02 87 19 00-0134 EA Hauling With 2-3 CY Pick-up Truck, Van Or Trailer, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up.....	99.90	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile	1.25	
02 87 19 00-0135 EA Hauling With 6 To 8 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Control Clean Up.....	155.64	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile	1.95	
02 87 19 00-0136 EA Hauling With 10 To 12 CY Dump Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up.....	161.53	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile	2.02	
02 87 19 00-0137 EA Hauling With 16' To 20', Box Or Flat Bed Truck, Up To 15 Miles For Bio-Hazard And Infectious Disease Control Clean Up	168.15	
Note: Each first 15 miles per trip		
For Each Additional Mile Over First 15 Miles, Add Per Mile	2.10	
02 87 19 00-0138 Bio-Hazard And Infectious Disease Control Disposal <small>(02 87 19)</small>		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0139 CY Bio-Hazard And Infectious Disease Control Landfill Dump Fee.....	131.73	
02 87 19 00-0140 BLU-MED Response Systems® (BLU-MED) Deployable Medical Facilities™ and Emergency Shelters <small>(02 87 19)</small>		
Note: Includes delivery and set-up of facility, electrical, lighting and HVAC. Excludes medical equipment.		
02 87 19 00-0141 EA 20' x 32.5' Medical Shelter with 1-phase electrical, 60 Hertz (BLU-MED BM-2032.5-MS/1P)	44,130.97	
02 87 19 00-0142 EA 7' x 8' Entry Vestibule (BLU-MED BM-MS-VEST).....	4,242.46	
02 87 19 00-0143 EA Vestibule End Panel with Bump Thru Door (BLU-MED BM-7x8-VEP04).....	7,019.56	
02 87 19 00-0144 SF Sub Flooring For Medical Shelter (AKS-AB846).....	6.54	
02 87 19 00-0145 EA Upgrade To Large Roto-Mold Container, Blue (AK-ULC-5).....	1,926.72	
02 87 19 00-0146 EA Environmental Control Unit-5 Ton, 60 Hertz, Blue (AK-ECU-5T-5).....	31,557.29	
02 87 19 00-0147 EA 3' ECU to Generator Pigtail, 60 Hertz (AKS-AC915).....	1,099.95	
02 87 19 00-0148 EA Negative Pressure Isolation (NPI) System (AK-NPIS-5).....	49,670.66	
Note: Including: (1) Germicidal/high efficiency particulate air (HEPA) Filter Unit; (1) Monitor/Alarm with Motorized Damper; (1) Isolation Partition for 20'-Wide Shelter; (1) NPI Accessories Case		
02 87 19 00-0149 EA 6' Step Ladder (AKS-AC595).....	298.76	
02 87 19 00-0150 EA 10 Lbs Sledgehammer (AKS-AA268)	91.05	
02 87 19 00-0151 Bio-Hazard And Infectious Disease Time And Material Tasks <small>(02 87 19)</small>		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0152 Bio-Hazard And Infectious Disease Control Labor <small>(02 87 19 00-0151)</small>		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0153 HR General Laborer For Bio-Hazard And Infectious Disease Control Clean Up	97.90	
02 87 19 00-0154 HR Skilled Tradesman For Bio-Hazard And Infectious Disease Control Clean Up.....	135.64	
02 87 19 00-0155 HR Biohazard Technician For Bio-Hazard And Infectious Disease Control Clean Up	101.65	
02 87 19 00-0156 HR Biohazard Supervisor For Bio-Hazard And Infectious Disease Control Clean Up	122.22	
02 87 19 00-0157 HR Project Manager For Bio-Hazard And Infectious Disease Control Clean Up	134.42	
02 87 19 00-0158 Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment <small>(02 87 19 00-0151)</small>		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections.		
02 87 19 00-0159 EA Tyvek Coveralls For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	14.85	
02 87 19 00-0160 EA Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	23.12	
02 87 19 00-0161 PR Polycarbonate Lens Safety Goggles For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	14.98	
02 87 19 00-0162 EA Dual Cartridge Half-Mask Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment	122.88	
02 87 19 00-0163 EA Cartridge - Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	51.86	

02 Existing Conditions**02 80 Facility Remediation****02 87 Bio-Hazard Material Remediation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 87 19 00-0164 EA Full Face Respirator For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	374.89	
Note: Respirator Connection Type: Bayonet, 4 pt. Full Face Suspension		
02 87 19 00-0165 EA 14-1/2" Width x 9" Height Polycarbonate Visor Faceshield For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	51.25	
Note: Includes basic impact ratchet headgear and faceshield safety system. ANSI Z87.1-2010		
02 87 19 00-0166 EA 19" Width x 11" Height Polycarbonate Visor Attachment To Hardhat For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	93.10	
Note: Includes clear polycarbonate crown and chin guard system for hardhat. The chin guard extends below the chin, the shield extends passed the ear, and the crown extends over the forehead to the front of the hardhat. ANSI Z87.1-2015. Excludes hardhat.		
02 87 19 00-0167 BOX Box of 100, 5 Mil, Disposable Latex Gloves For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	26.91	
02 87 19 00-0168 EA Gloves - Rubber (Heavy Duty) For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	22.98	
02 87 19 00-0169 EA Belt-Mounted, Universal Mask, Powered Air Purifying Respirator (PAPR) System Kit For Bio-Hazard And Infectious Control Clean Up Personal Protection Equipment.....	2,505.82	
Note: Kit includes NIOSH Approved with Draeger DHR 7000, C420 Blower, Single-Speed Toggle, Battery - LiSO ₂ (BA5800/U), C420 Breathing Tube Assembly with 75 Degrees Swivel, Decon Belt Assembly 70" x 2", C420 Airflow Indicator (Afl), Micronel Safety M95 Cartridge (2), Molded Case, Black, CBRN Breathing Tube Assembly		
02 87 19 00-0170 Bio-Hazard And Infectious Disease Control Expendables <small>(02 87 19 00-0151)</small>		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Bio-Hazard And Infectious Control Clean Up sections. See CSI section 01 56 16 00-0001 for temporary sheeting, 01 56 16 00-0033 for temporary walls.		
02 87 19 00-0171 GAL Bleach For Bio-Hazard And Infectious Disease Control Clean-up.....	11.58	
02 87 19 00-0172 EA N95 Masks For Bio-Hazard And Infectious Disease Control Clean-up.....	4.12	
02 87 19 00-0173 GAL Disinfectant/Anti-microbial For Bio-Hazard And Infectious Disease Control Clean Up.....	113.40	
02 87 19 00-0174 GAL Goldshield® GS5 Anti-microbial Concentrate For Bio-Hazard And Infectious Disease Control Clean-up.....	341.45	
Note: Mix 1 gallon in 5 gallons of water to produce 6 gallons of ready-to-use product. Use on any surface for bacterial inhibition up to 30 days		
02 87 19 00-0175 QT Hand Sanitizer For Bio-Hazard And Infectious Disease Control Clean-up.....	11.44	
02 87 19 00-0176 EA Sponges - Dry For Bio-Hazard And Infectious Disease Control Clean-up.....	5.88	
02 87 19 00-0177 ROL Tape - Duct, 2" x 50 YD For Bio-Hazard And Infectious Disease Control Clean-up.....	14.76	
02 87 19 00-0178 EA UV Mini Light, Handheld For Bio-Hazard And Infectious Disease Control Clean-up.....	74.60	
02 87 19 00-0179 ROL Visqueen 1 Mil, 12' x 400', For Bio-Hazard And Infectious Disease Control Clean-up.....	59.49	
02 87 19 00-0180 LB Wipes, Terry Cloth 14" x 17" For Bio-Hazard And Infectious Disease Control Clean-up.....	8.34	
02 87 19 00-0181 EA Wyp-Alls, Case, 160 Wipes For Bio-Hazard And Infectious Disease Control Clean-up.....	18.38	
02 87 19 00-0182 ROL 6 Mil, 55 Gallon Trash Bags, 50/Roll For Bio-Hazard And Infectious Disease Control Clean Up.....	183.13	
02 89 Hazmat Ancillary Tasks and Support <small>(02 89)</small>		
02 89 00 00-0001 Barriers And Protection <small>(02 89)</small>		
Note: Includes removal and disposal after use.		
02 89 00 00-0002 Isolation Barriers <small>(02 89 00 00-0001)</small>		
See CSI section 01 56 16 00-0033 for temporary stud walls.		
02 89 00 00-0003 Cleaning Surfaces <small>(02 89 00 00-0001)</small>		
Note: Other surfaces outside contamination area but not contaminated by, or part of removal.		
02 89 00 00-0004 SF Up To 100 SF, Clean Non-Asbestos Surface.....	1.78	
02 89 00 00-0005 SF >100 To 500 SF, Clean Non-Asbestos Surface.....	1.25	
02 89 00 00-0006 SF >500 To 1,000 SF, Clean Non-Asbestos Surface.....	0.82	
02 89 00 00-0007 SF >1,000 SF, Clean Non-Asbestos Surface.....	0.64	
02 89 00 00-0008 Hazmat Containment Construction Plastic Sheeting <small>(02 89 00 00-0001)</small>		
02 89 00 00-0009 SF 4 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction.....	0.42	
02 89 00 00-0010 SF 6 Mil Plastic Sheeting, Applied To Floors, Hazmat Containment Construction.....	0.44	
02 89 00 00-0011 SF 4 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction.....	0.52	
02 89 00 00-0012 SF 6 Mil Plastic Sheeting, Applied To Walls, Hazmat Containment Construction.....	0.59	
02 89 00 00-0013 SF 4 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction.....	0.70	
02 89 00 00-0014 SF 6 Mil Plastic Sheeting, Applied To Ceilings, Hazmat Containment Construction.....	0.78	
02 89 00 00-0015 SF 6 Mil Plastic Fire Retardant, Anti-static Sheeting, Applied To Floors, Hazmat Containment Construction.....	0.68	
02 89 00 00-0016 SF 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Walls, Hazmat Containment Construction.....	0.85	
02 89 00 00-0017 SF 6 Mil Plastic Fire Retardant, Anti-static Retardant Sheeting, Applied To Ceilings, Hazmat Containment Construction.....	1.11	
02 89 00 00-0018 Decontamination Chambers <small>(02 89)</small>		
Note: Includes removal after use.		
02 89 00 00-0019 EA 3 Stage Portable Personnel Decontamination Wash Facility.....	982.09	
Note: Includes connection to negative air system.		
02 89 00 00-0020 EA 5 Stage Portable Personnel Decontamination Wash Facility.....	1,157.37	
Note: Includes connection to negative air system.		
02 89 00 00-0021 EA Portable Waste Decontamination Unit.....	598.16	
Note: Includes connection to negative air system.		
<i>For Dismantling And Relocation To A Different Area, Add</i>		379.40

02 90 Disaster Recovery (02)

Note: The tasks in this division are only to be used when specifically requested by the Owner and are not to be combined with tasks from other divisions of this or other Construction Task Catalogs® unless specifically requested by the Owner.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 90 50 Cleaning and Disaster Clean-up (02 90)

02 90 50 00-0001 Non-Mold Contaminated Wet Material Removal (02 90 50)

Note: For materials not requiring mold abatement.

02 90 50 00-0002	SY Wet Broadloom Carpet Removal For Disaster Clean-up	24.15
02 90 50 00-0003	SY Wet Carpet Tile Removal For Disaster Clean-up.....	5.87
02 90 50 00-0004	SF Wet Batt Insulation Removal For Disaster Clean-up.....	0.49
02 90 50 00-0005	SF Wet Ceiling Tile Removal For Disaster Clean-up.....	0.59
02 90 50 00-0006	SF Single Layer, Wet Gypsum Board Removal For Disaster Clean-up.....	0.57
02 90 50 00-0007	SF Double Layer, Wet Gypsum Board Removal For Disaster Clean-up	0.90

02 90 50 00-0008 Cleaning (02 90 50)

Note: Use "Light Clean" when soot or dust is barely evident. Use "Medium Clean" when paint color can be seen through the soot or dust. Use "Heavy Clean" when paint color cannot be seen. Includes all man power, equipment and expendables required

02 90 50 00-0009 Clean Furnishings (02 90 50 00-0008)

02 90 50 00-0010	EA Office Equipment, Exterior Wipe For Disaster Clean-up.....	27.90
	<i>For Medium Clean, Add</i>	11.72
	<i>For Heavy Clean, Add</i>	36.27
02 90 50 00-0011	SF Bookcase (Per SF Of Face Area), Light Clean For Disaster Clean-up	1.55
	<i>For Medium Clean, Add</i>	0.65
	<i>For Heavy Clean, Add</i>	2.02
02 90 50 00-0012	LF Shelving, Light Clean For Disaster Clean-up	2.79
	<i>For Medium Clean, Add</i>	1.17
	<i>For Heavy Clean, Add</i>	3.63
02 90 50 00-0013	EA Plastic Or Metal Chair, Light Clean For Disaster Clean-up.....	8.06
	<i>For Medium Clean, Add</i>	3.39
	<i>For Heavy Clean, Add</i>	10.48
02 90 50 00-0014	EA Upholstered Chair, Light Clean For Disaster Clean-up.....	26.04
	<i>For Medium Clean, Add</i>	10.94
	<i>For Heavy Clean, Add</i>	33.85
02 90 50 00-0015	EA Upholstered Sofa, Light Clean For Disaster Clean-up	160.56
	<i>For Medium Clean, Add</i>	67.44
	<i>For Heavy Clean, Add</i>	208.73
02 90 50 00-0016	EA Desk, Light Clean For Disaster Clean-up	32.86
	<i>For Medium Clean, Add</i>	13.80
	<i>For Heavy Clean, Add</i>	42.72
02 90 50 00-0017	EA Table, Light Clean For Disaster Clean-up.....	31.00
	<i>For Medium Clean, Add</i>	13.02
	<i>For Heavy Clean, Add</i>	40.30
02 90 50 00-0018	EA Two Drawer File Cabinet, Light Clean For Disaster Clean-up	6.80
	<i>For Medium Clean, Add</i>	2.86
	<i>For Heavy Clean, Add</i>	8.84
02 90 50 00-0019	EA Four Drawer File Cabinet, Light Clean For Disaster Clean-up.....	8.69
	<i>For Medium Clean, Add</i>	3.65
	<i>For Heavy Clean, Add</i>	11.30
02 90 50 00-0020	LF Base Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up.....	7.13
	<i>For Medium Clean, Add</i>	2.99
	<i>For Heavy Clean, Add</i>	9.27
02 90 50 00-0021	LF Base Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	13.95
	<i>For Medium Clean, Add</i>	5.86
	<i>For Heavy Clean, Add</i>	18.14
02 90 50 00-0022	LF Wall Cabinet, Exterior Wipe, Light Clean For Disaster Clean-up.....	7.13
	<i>For Medium Clean, Add</i>	2.99
	<i>For Heavy Clean, Add</i>	9.27
02 90 50 00-0023	LF Wall Cabinet, Exterior And Interior Wipe, Light Clean For Disaster Clean-up	12.40
	<i>For Medium Clean, Add</i>	5.21
	<i>For Heavy Clean, Add</i>	16.12
02 90 50 00-0024	EA Picture Frame, Glass And Back, Light Clean For Disaster Clean-up.....	2.97
	<i>For Medium Clean, Add</i>	1.25
	<i>For Heavy Clean, Add</i>	3.86

02 90 50 00-0025 Clean Hard Surfaces (02 90 50 00-0008)

02 90 50 00-0026	LF Wood, Vinyl Or Rubber Baseboard, Light Clean For Disaster Clean-up.....	0.41
	<i>For Medium Clean, Add</i>	0.17
	<i>For Heavy Clean, Add</i>	0.53
02 90 50 00-0027	EA Door And Hardware (Per Side), Light Clean For Disaster Clean-up.....	5.27
	<i>For Medium Clean, Add</i>	2.21
	<i>For Heavy Clean, Add</i>	6.85
02 90 50 00-0028	EA Detailed Door And Hardware (Per Side), Light Clean For Disaster Clean-up.....	5.97
	<i>For Medium Clean, Add</i>	2.51
	<i>For Heavy Clean, Add</i>	7.76
02 90 50 00-0029	SF Overhead Door, Light Clean For Disaster Clean-up	0.42
	<i>For Medium Clean, Add</i>	0.18
	<i>For Heavy Clean, Add</i>	0.55
02 90 50 00-0030	SF Mirror, Light Clean For Disaster Clean-up	0.31
	<i>For Medium Clean, Add</i>	0.13
	<i>For Heavy Clean, Add</i>	0.40
02 90 50 00-0031	SF Window, Light Clean For Disaster Clean-up.....	0.91
	<i>For Medium Clean, Add</i>	0.38
	<i>For Heavy Clean, Add</i>	1.18

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0032	LF		Handrail, Light Clean For Disaster Clean-up	0.81	
			<i>For Medium Clean, Add</i>	0.34	
			<i>For Heavy Clean, Add</i>	1.05	
02 90 50 00-0033	LF		Bumper Rail, Light Clean For Disaster Clean-up	0.44	
			<i>For Medium Clean, Add</i>	0.18	
			<i>For Heavy Clean, Add</i>	0.57	
02 90 50 00-0034	SF		Hard Floor, Light Clean For Disaster Clean-up	0.36	
			<i>For Medium Clean, Add</i>	0.15	
			<i>For Heavy Clean, Add</i>	0.47	
02 90 50 00-0035	SF		Carpet, Light Clean For Disaster Clean-up	0.37	
			<i>For Medium Clean, Add</i>	0.16	
			<i>For Heavy Clean, Add</i>	0.48	
02 90 50 00-0036	SF		Hard Ceiling, Light Clean For Disaster Clean-up	0.28	
			<i>For Medium Clean, Add</i>	0.12	
			<i>For Heavy Clean, Add</i>	0.36	
02 90 50 00-0037	SF		Suspended Ceiling, Tile And Grid, Light Clean For Disaster Clean-up	0.31	
			<i>For Medium Clean, Add</i>	0.13	
			<i>For Heavy Clean, Add</i>	0.40	
02 90 50 00-0038	SF		Ceramic Tile Wall, Light Clean For Disaster Clean-up	0.26	
			<i>For Medium Clean, Add</i>	0.11	
			<i>For Heavy Clean, Add</i>	0.34	
02 90 50 00-0039	SF		Wall, Light Clean For Disaster Clean-up	0.19	
			<i>For Medium Clean, Add</i>	0.08	
			<i>For Heavy Clean, Add</i>	0.25	
02 90 50 00-0040	SF		Masonry Wall, Light Clean For Disaster Clean-up	0.26	
			<i>For Medium Clean, Add</i>	0.11	
			<i>For Heavy Clean, Add</i>	0.34	
02 90 50 00-0041	EA		Up To 24 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	65.38	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	27.46	
			<i>For Heavy Clean, Add</i>	84.99	
02 90 50 00-0042	EA		>24 To 96 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	81.72	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	34.32	
			<i>For Heavy Clean, Add</i>	106.24	
02 90 50 00-0043	EA		>96 To 140 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	98.06	
			Note: Includes removal from site, cleaning, and return.		
			<i>For Medium Clean, Add</i>	41.19	
			<i>For Heavy Clean, Add</i>	127.48	
02 90 50 00-0044	EA		>140 To 216 SF Area Rug, Off-Site Cleaning, Light Clean For Disaster Clean-up	114.41	
			<i>For Medium Clean, Add</i>	48.05	
			<i>For Heavy Clean, Add</i>	148.73	
02 90 50 00-0045			Clean Window Treatments (02 90 50 00-0008)		
02 90 50 00-0046	SF		Window Blind, Light Clean For Disaster Clean-up	0.71	
			<i>For Medium Clean, Add</i>	0.30	
			<i>For Heavy Clean, Add</i>	0.92	
02 90 50 00-0047	EA		Up To 6' Long Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.45	
			<i>For Medium Clean, Add</i>	0.61	
			<i>For Heavy Clean, Add</i>	1.89	
02 90 50 00-0048	EA		Up To 6' Long Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.68	
			<i>For Medium Clean, Add</i>	0.71	
			<i>For Heavy Clean, Add</i>	2.18	
02 90 50 00-0049	EA		>6' To 8' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.52	
			<i>For Medium Clean, Add</i>	0.64	
			<i>For Heavy Clean, Add</i>	1.98	
02 90 50 00-0050	EA		>6' To 8' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.75	
			<i>For Medium Clean, Add</i>	0.74	
			<i>For Heavy Clean, Add</i>	2.28	
02 90 50 00-0051	EA		>8' To 10' Drapery (Per Pleat), Light Clean For Disaster Clean-up	1.87	
			<i>For Medium Clean, Add</i>	0.79	
			<i>For Heavy Clean, Add</i>	2.43	
02 90 50 00-0052	EA		>8' To 10' Lined Drapery (Per Pleat), Light Clean For Disaster Clean-up	2.15	
			<i>For Medium Clean, Add</i>	0.90	
			<i>For Heavy Clean, Add</i>	2.80	
02 90 50 00-0053			Clean Appliances (02 90 50 00-0008)		
02 90 50 00-0054	EA		Microwave Oven, Outside, Light Clean For Disaster Clean-up	12.84	
			<i>For Medium Clean, Add</i>	5.39	
			<i>For Heavy Clean, Add</i>	16.69	
02 90 50 00-0055	EA		Refrigerator, Outside, Light Clean For Disaster Clean-up	30.26	
			<i>For Medium Clean, Add</i>	12.71	
			<i>For Heavy Clean, Add</i>	39.34	
02 90 50 00-0056	EA		Range, Outside, Light Clean For Disaster Clean-up	26.15	
			<i>For Medium Clean, Add</i>	10.98	
			<i>For Heavy Clean, Add</i>	34.00	
02 90 50 00-0057			Clean Plumbing (02 90 50 00-0008)		
02 90 50 00-0058	EA		Water Heater, Light Clean For Disaster Clean-up	18.60	
			<i>For Medium Clean, Add</i>	7.81	
			<i>For Heavy Clean, Add</i>	24.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0059 EA Plumbing Fixture, Light Clean For Disaster Clean-up.....	18.78	
<i>For Medium Clean, Add</i>	7.89	
<i>For Heavy Clean, Add</i>	24.41	
02 90 50 00-0060 EA Restroom Accessory, Light Clean For Disaster Clean-up.....	8.62	
<i>For Medium Clean, Add</i>	3.62	
<i>For Heavy Clean, Add</i>	11.21	
02 90 50 00-0061 Clean HVAC <small>(02 90 50 00-0008)</small>		
02 90 50 00-0062 LF Baseboard Heater, Light Clean For Disaster Clean-up.....	5.55	
<i>For Medium Clean, Add</i>	2.33	
<i>For Heavy Clean, Add</i>	7.22	
02 90 50 00-0063 LF Ductwork, Exterior Wipe, Light Clean For Disaster Clean-up.....	15.50	
<i>For Medium Clean, Add</i>	6.51	
<i>For Heavy Clean, Add</i>	20.15	
02 90 50 00-0064 EA Ductwork, Interior (Per Grille/Register), Light Clean For Disaster Clean-up.....	59.52	
<i>For Medium Clean, Add</i>	25.00	
<i>For Heavy Clean, Add</i>	77.38	
02 90 50 00-0065 EA Grille/Register, Light Clean For Disaster Clean-up.....	5.58	
<i>For Medium Clean, Add</i>	2.34	
<i>For Heavy Clean, Add</i>	7.25	
02 90 50 00-0066 EA Air Handling Unit, Exterior Wipe, Light Clean For Disaster Clean-up.....	38.64	
<i>For Medium Clean, Add</i>	16.23	
<i>For Heavy Clean, Add</i>	50.23	
02 90 50 00-0067 EA Furnace, Exterior Wipe, Light Clean For Disaster Clean-up.....	34.41	
<i>For Medium Clean, Add</i>	14.45	
<i>For Heavy Clean, Add</i>	44.73	
02 90 50 00-0068 Clean Electrical <small>(02 90 50 00-0008)</small>		
02 90 50 00-0069 EA Electric Fan, Light Clean For Disaster Clean-up.....	22.94	
<i>For Medium Clean, Add</i>	9.63	
<i>For Heavy Clean, Add</i>	29.82	
02 90 50 00-0070 EA Ceiling Fan, Light Clean For Disaster Clean-up.....	24.80	
<i>For Medium Clean, Add</i>	10.42	
<i>For Heavy Clean, Add</i>	32.24	
02 90 50 00-0071 EA Ceiling Fan And Light, Light Clean For Disaster Clean-up.....	32.24	
<i>For Medium Clean, Add</i>	13.54	
<i>For Heavy Clean, Add</i>	41.91	
02 90 50 00-0072 EA Ceiling Exhaust Fan, Light Clean For Disaster Clean-up.....	22.63	
<i>For Medium Clean, Add</i>	9.50	
<i>For Heavy Clean, Add</i>	29.42	
02 90 50 00-0073 EA 2' x 4' Light Fixture, Light Clean For Disaster Clean-up.....	14.88	
<i>For Medium Clean, Add</i>	6.25	
<i>For Heavy Clean, Add</i>	19.34	
02 90 50 00-0074 EA Light Fixture, Light Clean For Disaster Clean-up.....	6.82	
<i>For Medium Clean, Add</i>	2.86	
<i>For Heavy Clean, Add</i>	8.87	
02 90 50 00-0075 EA Smoke Detector, Light Clean For Disaster Clean-up.....	5.27	
<i>For Medium Clean, Add</i>	2.21	
<i>For Heavy Clean, Add</i>	6.85	
02 90 50 00-0076 EA Thermostat, Light Clean For Disaster Clean-up.....	1.86	
<i>For Medium Clean, Add</i>	0.78	
<i>For Heavy Clean, Add</i>	2.42	
02 90 50 00-0077 Thermal Fog <small>(02 90 50 00-0008)</small>		
02 90 50 00-0078 CF Clean And Deodorize Building With Thermal Fog For Disaster Clean-up.....	0.02	
02 90 50 00-0079 Contents Manipulation <small>(02 90 50)</small>		
02 90 50 00-0080 SF Cover Contents With 6 Mil Plastic Sheeting For Disaster Clean-up.....	0.24	
02 90 50 00-0081 SF Floor Protection, Adhesive Film For Disaster Clean-up.....	0.29	
02 90 50 00-0082 SF Move Contents Out And Later Reset For Disaster Clean-up.....	0.49	
02 90 50 00-0083 MO 20' Long Job Site Storage Trailer For Disaster Clean-up.....	188.71	
02 90 50 00-0084 MO 40' Long Job Site Storage Trailer For Disaster Clean-up.....	250.27	
02 90 50 00-0085 EA Delivery Or Pickup Job Site Storage Trailer For Disaster Clean-up.....	144.20	
02 90 50 00-0086 Water Disaster Clean-up <small>(02 90 50)</small>		
02 90 50 00-0087 LF Detach Baseboard For Disaster Clean-up.....	0.67	
02 90 50 00-0088 LF Detach And Later Reset Baseboard For Disaster Clean-up.....	1.19	
02 90 50 00-0089 EA Block And Pad Furniture (Per Piece Of Furniture) For Disaster Clean-up.....	4.40	
02 90 50 00-0090 SF Water Extraction From Floor For Disaster Clean-up.....	0.45	
02 90 50 00-0091 SF Gray Water Extraction From Floor For Disaster Clean-up.....	0.74	
02 90 50 00-0092 SF Black Water Extraction From Floor For Disaster Clean-up.....	1.16	
02 90 50 00-0093 SF Tear Out Wet Non-Salvageable Carpet For Disaster Clean-up.....	0.36	
02 90 50 00-0094 SF Tear Out Wet Non-Salvageable Carpet, Black Water For Disaster Clean-up.....	0.43	
02 90 50 00-0095 SF Tear Out Wet Non-Salvageable Glue Down Carpet For Disaster Clean-up.....	0.65	
02 90 50 00-0096 SF Tear Out Wet Non-Salvageable Glue Down Carpet, Black Water For Disaster Clean-up.....	0.95	
02 90 50 00-0097 SF Tear Out Vinyl Flooring For Disaster Clean-up.....	0.89	
02 90 50 00-0098 SF Tear Out Vinyl Flooring, Black Water For Disaster Clean-up.....	1.32	
02 90 50 00-0099 SF Tear Out Wood Flooring, Black Water For Disaster Clean-up.....	3.40	
02 90 50 00-0100 SF Tear Out Laminated Wood Flooring For Disaster Clean-up.....	1.67	

02 Existing Conditions**02 90 Disaster Recovery****02 90 50 Cleaning and Disaster Clean-up**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0101	SF		Tear Out Laminated Wood Flooring, Black Water For Disaster Clean-up.....	2.46	
02 90 50 00-0102	SF		Tear Out Wet Ceiling Tile For Disaster Clean-up.....	0.28	
02 90 50 00-0103	SF		Tear Out Batt Insulation For Disaster Clean-up.....	0.28	
02 90 50 00-0104	SF		Tear Out Wet Gypsum Board For Disaster Clean-up.....	0.48	
02 90 50 00-0105	SF		Apply Anti-microbial Agent For Disaster Clean-up.....	0.28	
02 90 50 00-0106	SF		High Efficiency Particulate Air (HEPA) Vacuuming For Disaster Clean-up.....	0.36	
02 90 50 00-0107 Board Up And Tarp Up (02 90 50)					
02 90 50 00-0108	SF		Polyethylene Tarp On Roof For Disaster Clean-up.....	0.27	
02 90 50 00-0109	SF		1/2" Temporary Plywood On Roof For Disaster Clean-up.....	1.38	
02 90 50 00-0110	SF		5/8" Temporary Plywood On Roof For Disaster Clean-up.....	1.42	
02 90 50 00-0111	SF		3/4" Temporary Plywood On Roof For Disaster Clean-up.....	1.52	
02 90 50 00-0112	SF		1/2" Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	1.75	
02 90 50 00-0113	SF		5/8" Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	1.79	
02 90 50 00-0114	SF		3/4" Temporary Plywood On Wall Or Windows For Disaster Clean-up.....	1.89	
02 90 50 00-0115 Minimum Charges (02 90 50)					
02 90 50 00-0116	EA		Disaster Cleaning Minimum Charge.....	1,373.60	
02 90 50 00-0117	EA		Disaster Water Extraction Minimum Charge.....	284.81	
02 90 50 00-0118	EA		Disaster Carpet Cleaning Minimum Charge.....	242.98	
02 90 50 00-0119 Document Restoration (02 90 50)					
02 90 50 00-0120	EA		Book Rebinding, Each For Document Restoration.....	125.48	
02 90 50 00-0121	EA		Book Recasing, Each For Document Restoration.....	62.73	
02 90 50 00-0122	EA		Boxes-MCS, 1.2 CF For Document Restoration.....	8.93	
02 90 50 00-0123	EA		Boxes-MCS, 2.0 CF For Document Restoration.....	9.85	
02 90 50 00-0124	EA		Boxes Bankers For Document Restoration.....	20.05	
02 90 50 00-0125	EA		Boxes Standard Packout For Document Restoration.....	5.71	
02 90 50 00-0126	EA		Boxes X Ray For Document Restoration.....	12.55	
02 90 50 00-0127	EA		CD Scanning and Diagnostics, Each For Document Restoration.....	12.55	
02 90 50 00-0128	EA		Cleaning Antique Books, Each For Document Restoration.....	376.41	
02 90 50 00-0129	EA		Cleaning Catheter Roll, Per Roll For Document Restoration.....	50.17	
02 90 50 00-0130	EA		Cleaning CD And DVD, Per Disc For Document Restoration.....	5.04	
02 90 50 00-0131	EA		Cleaning Level 1 - Blue Prints, Each For Document Restoration.....	3.99	
02 90 50 00-0132	CF		Cleaning Level 1 - Document Per CF For Document Restoration.....	123.70	
02 90 50 00-0133	EA		Cleaning Level 1 - Linen, Each For Document Restoration.....	3.99	
02 90 50 00-0134	EA		Cleaning Level 1 - Mylar, Each For Document Restoration.....	3.99	
02 90 50 00-0135	EA		Cleaning Level 2 - Blue Print, Each For Document Restoration.....	4.96	
02 90 50 00-0136	CF		Cleaning Level 2 - Document Per CF For Document Restoration.....	185.39	
02 90 50 00-0137	EA		Cleaning Level 2 - Linen, Each For Document Restoration.....	4.96	
02 90 50 00-0138	EA		Cleaning Level 2 - Mylar, Each For Document Restoration.....	4.96	
02 90 50 00-0139	EA		Cleaning Level 3 - Blue Prints, Each For Document Restoration.....	7.04	
02 90 50 00-0140	CF		Cleaning Level 3 - Document Per CF For Document Restoration.....	247.37	
02 90 50 00-0141	EA		Cleaning Level 3 - Linen, Each For Document Restoration.....	7.04	
02 90 50 00-0142	EA		Cleaning Level 3 - Mylar, Each For Document Restoration.....	7.04	
02 90 50 00-0143	EA		Cleaning Level 4 - All Fire-Blue Print, Each For Document Restoration.....	9.86	
02 90 50 00-0144	EA		Cleaning Level 4 - All Fire-Linen, Each For Document Restoration.....	9.86	
02 90 50 00-0145	EA		Cleaning Level 4 - All Fire-Mylar, Each For Document Restoration.....	9.86	
02 90 50 00-0146	CF		Cleaning Level 4 - Light Fire-Documnt Per CF For Document Restoration.....	309.15	
02 90 50 00-0147	EA		Cleaning Level 5 - Severe Fire-Blue Print, Each For Document Restoration.....	10.93	
02 90 50 00-0148	CF		Cleaning Level 5 - Severe Fire-Documnt Per CF For Document Restoration.....	463.86	
02 90 50 00-0149	EA		Cleaning Level 5 - Severe Fire-Linen, Each For Document Restoration.....	10.93	
02 90 50 00-0150	EA		Cleaning Level 5 - Severe Fire-Mylar, Each For Document Restoration.....	10.93	
02 90 50 00-0151	EA		Cleaning Microfiche Sheets, Each For Document Restoration.....	3.88	
02 90 50 00-0152	EA		Cleaning Microfiche Strips, Each For Document Restoration.....	0.90	
02 90 50 00-0153	EA		Cleaning Microfilm Rolls (In House), Per Roll For Document Restoration.....	125.48	
02 90 50 00-0154	EA		Cleaning Microfilm Rolls (Outside), Per Roll For Document Restoration.....	175.67	
02 90 50 00-0155	EA		Cleaning Photographs Negatives, Per Negative For Document Restoration.....	3.88	
02 90 50 00-0156	EA		Cleaning Photographs, Each For Document Restoration.....	0.90	
02 90 50 00-0157	EA		Cleaning Record Albums, Each For Document Restoration.....	5.04	
02 90 50 00-0158	EA		Cleaning VHS And Beta Tapes-In House, Each For Document Restoration.....	12.55	
02 90 50 00-0159	EA		Cleaning VHS And Beta Tapes-Outside, Each For Document Restoration.....	50.17	
02 90 50 00-0160	EA		Cleaning X Ray 1-1000, Per Film For Document Restoration.....	5.29	
02 90 50 00-0161	EA		Cleaning X Ray 1K-5K, Per Film For Document Restoration.....	4.52	
02 90 50 00-0162	EA		Cleaning X Ray 5K-Up, Per Film For Document Restoration.....	3.55	
02 90 50 00-0163	EA		Copying Clean Water, Per Page For Document Restoration.....	0.51	
02 90 50 00-0164	EA		Copying Greywater Fire, Per Page For Document Restoration.....	1.36	
02 90 50 00-0165	CF		Deodorization, Vapor Tech For Document Restoration.....	9.07	
02 90 50 00-0166	CF		Disinfectant-Fogging For Document Restoration.....	17.60	
02 90 50 00-0167	EA		Document Disposal In House No Shredding For Document Restoration.....	70.48	
02 90 50 00-0168	EA		Document Disposal In House With Shredding For Document Restoration.....	19.24	
02 90 50 00-0169	CF		Up To 150 CF, Drying-MCS Center For Document Restoration.....	225.85	
02 90 50 00-0170	CF		>150 To 500 CF, Drying-MCS Center For Document Restoration.....	175.67	
02 90 50 00-0171	CF		>500 CF, Drying-MCS Center For Document Restoration.....	150.56	
02 90 50 00-0172	CF		>50 To 150 CF, Drying-MCS Center For Document Restoration.....	200.76	
02 90 50 00-0173	CF		Up To 500 CF, Drying-Onsite For Document Restoration.....	376.41	
02 90 50 00-0174	CF		>500 CF, Drying-Onsite For Document Restoration.....	230.91	
02 90 50 00-0175	EA		Drying Antique Books, Each For Document Restoration.....	50.17	
02 90 50 00-0176	EA		Drying Blue Prints, Each For Document Restoration.....	6.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 50 00-0177 EA DVD Scanning And Diagnostics, Each For Document Restoration	12.55	
02 90 50 00-0178 EA Freeze Drying (In House) For Document Restoration.....	128.62	
02 90 50 00-0179 EA Freeze Drying (Outside) For Document Restoration.....	110.25	
02 90 50 00-0180 EA Up To 48 CF, Irradiation - Gamma (Minimum Charge) For Document Restoration	3,031.88	
02 90 50 00-0181 CF >48 CF, Irradiation - Gamma (Per CF Charge) For Document Restoration	27.56	
02 90 50 00-0182 EA Minimal Drying Jobs For Document Restoration.....	1,277.06	
02 90 50 00-0183 EA Monthly Storage For Document Restoration.....	229.69	
02 90 50 00-0184 EA Mylar Prints For Document Restoration.....	12.55	
02 90 50 00-0185 CF Ozoning For Document Restoration	8.15	
02 90 50 00-0186 CF Stabilization Freezer Storage, Per Cubic Foot Per Month For Document Restoration	11.10	
02 90 50 00-0187 MO Stabilization Freezer Storage, Per Page-Per Month For Document Restoration	0.12	
02 90 50 00-0188 EA Wood Pallets, Each For Document Restoration.....	30.85	

02 90 55 Emergency Clean-up (02 90 55)

02 90 55 00-0001

Emergency Clean-up (02 90 55)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0002

Emergency Clean-up Labor (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Labor costs are based on workers familiar with and skilled in the performance of the task following restoration requirements. Not to be used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0003 HR Skilled Tradesman For Emergency Clean Up.....	60.96
02 90 55 00-0004 HR Restoration / Document Laborer For Emergency Clean Up	42.67
02 90 55 00-0005 HR Restoration / Document Supervisor For Emergency Clean Up.....	58.67
02 90 55 00-0006 HR Restoration / Document Project Manager For Emergency Clean Up.....	96.01
02 90 55 00-0007 HR Assistant Project Manager For Emergency Clean Up.....	80.01
02 90 55 00-0008 HR Senior Project Manager For Emergency Clean Up.....	112.01
02 90 55 00-0009 HR Project Director / Document Consultant / Account Manager For Emergency Clean Up	160.02
02 90 55 00-0010 HR Equipment Technician For Emergency Clean Up	117.35
02 90 55 00-0011 HR Mold Remediation Laborer For Emergency Clean Up	58.42
02 90 55 00-0012 HR Mold Remediation Supervisor For Emergency Clean Up	80.01
02 90 55 00-0013 HR Administrative Personnel For Emergency Clean Up	37.34
02 90 55 00-0014 HR Project Accountant For Emergency Clean Up	60.96
02 90 55 00-0015 HR Biohazard Technician For Emergency Clean Up	84.71
02 90 55 00-0016 HR Biohazard Supervisor For Emergency Clean Up	101.85
02 90 55 00-0017 HR Health And Safety Officer For Emergency Clean Up.....	91.44
02 90 55 00-0018 HR Resource And Logistics Coordinator For Emergency Clean Up	66.04
02 90 55 00-0019 HR Loss Control Specialist For Emergency Clean Up.....	64.01
02 90 55 00-0020 HR Moisture Control Specialist For Emergency Clean Up.....	52.83
02 90 55 00-0021 HR Mobilization Support For Emergency Clean Up.....	32.51

02 90 55 00-0022

Emergency Clean-up Equipment (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0023

General Emergency Clean-up Equipment (02 90 55 00-0022)

02 90 55 00-0024 DAY 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	147.16
02 90 55 00-0025 WK 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	561.40
02 90 55 00-0026 MO 265 CFM Portable Ozone Machine, 12,000 MG/HR For Emergency Clean-up.....	1,537.04
02 90 55 00-0027 DAY 13" Floor Buffer Rental For Emergency Clean-up	53.81
02 90 55 00-0028 WK 13" Floor Buffer Rental For Emergency Clean-up	143.76
02 90 55 00-0029 MO 13" Floor Buffer Rental For Emergency Clean-up	396.86
02 90 55 00-0030 DAY 17" Floor Buffer Rental For Emergency Clean-up	99.22
02 90 55 00-0031 WK 17" Floor Buffer Rental For Emergency Clean-up	253.10
02 90 55 00-0032 MO 17" Floor Buffer Rental For Emergency Clean-up	597.32
02 90 55 00-0033 DAY Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	546.70
02 90 55 00-0034 WK Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	1,467.98
02 90 55 00-0035 MO Walk Behind Floor Scrubber Rental For Emergency Clean-up.....	4,090.10
02 90 55 00-0036 DAY Ride-On Floor Scrubber Rental For Emergency Clean-up	1,235.13
02 90 55 00-0037 WK Ride-On Floor Scrubber Rental For Emergency Clean-up	3,259.93
02 90 55 00-0038 MO Ride-On Floor Scrubber Rental For Emergency Clean-up	8,787.63
02 90 55 00-0039 DAY 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	89.09
02 90 55 00-0040 WK 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	253.10
02 90 55 00-0041 MO 4 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	870.66
02 90 55 00-0042 DAY 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	83.02
02 90 55 00-0043 WK 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	222.73
02 90 55 00-0044 MO 8 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	577.07
02 90 55 00-0045 DAY 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	132.83
02 90 55 00-0046 WK 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	379.04
02 90 55 00-0047 MO 17 to 30 Gallon, Commercial Carpet Extractor Rental For Emergency Clean-up	1,059.38
02 90 55 00-0048 DAY Truck Mounted Extractor Rental For Emergency Clean-up	943.57
02 90 55 00-0049 WK Truck Mounted Extractor Rental For Emergency Clean-up	2,830.71
02 90 55 00-0050 MO Truck Mounted Extractor Rental For Emergency Clean-up	8,492.12
02 90 55 00-0051 DAY 16" Chain Saw Rental For Emergency Clean-up.....	97.19
02 90 55 00-0052 WK 16" Chain Saw Rental For Emergency Clean-up.....	218.68
02 90 55 00-0053 MO 16" Chain Saw Rental For Emergency Clean-up.....	583.14
02 90 55 00-0054 DAY 20" Chain Saw Rental For Emergency Clean-up.....	121.49
02 90 55 00-0055 WK 20" Chain Saw Rental For Emergency Clean-up.....	273.35
02 90 55 00-0056 MO 20" Chain Saw Rental For Emergency Clean-up.....	728.93
02 90 55 00-0057 EA Cleaning Kit With Mop, Broom And Bucket For Emergency Clean-up.....	91.12

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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02 90 55 00-0058	DAY		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	129.59	
02 90 55 00-0059	WK		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	354.34	
02 90 55 00-0060	MO		14" To 16" Electric Cut Off Saw Rental For Emergency Clean-up.....	992.15	
02 90 55 00-0061	DAY		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	157.93	
02 90 55 00-0062	WK		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	536.57	
02 90 55 00-0063	MO		12" To 14" Gasoline Cut Off Saw Rental For Emergency Clean-up.....	1,022.52	
02 90 55 00-0064	DAY		Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	152.47	
02 90 55 00-0065	WK		Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	419.28	
02 90 55 00-0066	MO		Wet Or Dry Portable Cleaning Unit For Emergency Clean-up.....	1,143.49	
02 90 55 00-0067	DAY		Extension Cords - 220 Volt For Emergency Clean-up.....	50.62	
02 90 55 00-0068	DAY		Extension Cords - 220 Volt Converter Box For Emergency Clean-up.....	30.37	
02 90 55 00-0069	DAY		Demolition Cart, 1 Yard For Emergency Clean-up.....	80.99	
02 90 55 00-0070	WK		Demolition Cart, 1 Yard For Emergency Clean-up.....	222.73	
02 90 55 00-0071	MO		Demolition Cart, 1 Yard For Emergency Clean-up.....	607.44	
02 90 55 00-0072	DAY		Demolition Cart, 1-1/2 Yard For Emergency Clean-up.....	101.24	
02 90 55 00-0073	WK		Demolition Cart, 1-1/2 Yard For Emergency Clean-up.....	278.41	
02 90 55 00-0074	MO		Demolition Cart, 1-1/2 Yard For Emergency Clean-up.....	759.30	
02 90 55 00-0075	EA		Demolition Kit With Wheel Barrow, Shovel And Broom For Emergency Clean-up.....	151.86	
02 90 55 00-0076	DAY		Dry-Ice Blasting System For Emergency Clean-up.....	1,788.81	
02 90 55 00-0077	DAY		Fogger - Mist For Emergency Clean-up.....	44.84	
02 90 55 00-0078	WK		Fogger - Mist For Emergency Clean-up.....	123.32	
02 90 55 00-0079	MO		Fogger - Mist For Emergency Clean-up.....	336.32	
02 90 55 00-0080	DAY		Fogger - Electric Thermal For Emergency Clean-up.....	64.57	
02 90 55 00-0081	WK		Fogger - Electric Thermal For Emergency Clean-up.....	177.58	
02 90 55 00-0082	MO		Fogger - Electric Thermal For Emergency Clean-up.....	484.30	
02 90 55 00-0083	DAY		Fogger - Gas Power Thermal For Emergency Clean-up.....	186.77	
02 90 55 00-0084	WK		Fogger - Gas Power Thermal For Emergency Clean-up.....	513.62	
02 90 55 00-0085	MO		Fogger - Gas Power Thermal For Emergency Clean-up.....	1,400.77	
02 90 55 00-0086	EA		Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	213.54	
02 90 55 00-0087	WK		Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	587.23	
02 90 55 00-0088	MO		Gang Box, Demo/Framing (One Time Per Job) For Emergency Clean-up.....	1,601.53	
02 90 55 00-0089	DAY		Hand Trucks/Dollies For Emergency Clean-up.....	24.30	
02 90 55 00-0090	WK		Hand Trucks/Dollies For Emergency Clean-up.....	66.82	
02 90 55 00-0091	MO		Hand Trucks/Dollies For Emergency Clean-up.....	182.23	
02 90 55 00-0092	DAY		Heat Gun - Shrink Wrap For Emergency Clean-up.....	137.81	
02 90 55 00-0093	WK		Heat Gun - Shrinkwrap For Emergency Clean-up.....	378.98	
02 90 55 00-0094	MO		Heat Gun - Shrinkwrap For Emergency Clean-up.....	1,033.59	
02 90 55 00-0095	DAY		High Efficiency Particulate Air (HEPA) Negative Air Machine For Emergency Clean-up..... Note: Includes all filters.	187.91	
02 90 55 00-0096	DAY		Ladder For Emergency Clean-up.....	34.42	
02 90 55 00-0097	DAY		Lights - Demo, Drop, Stand, String For Emergency Clean-up.....	32.29	
02 90 55 00-0098	DAY		Lights - Wobble For Emergency Clean-up.....	39.46	
02 90 55 00-0099	DAY		Moisture Meter For Emergency Clean-up.....	53.81	
02 90 55 00-0100	WK		Moisture Meter For Emergency Clean-up.....	147.98	
02 90 55 00-0101	MO		Moisture Meter For Emergency Clean-up.....	403.59	
02 90 55 00-0102	DAY		Nail Gun For Emergency Clean-up.....	91.12	
02 90 55 00-0103	WK		Nail Gun For Emergency Clean-up.....	250.57	
02 90 55 00-0104	MO		Nail Gun For Emergency Clean-up.....	683.37	
02 90 55 00-0105	DAY		Ozone Generator For Emergency Clean-up.....	224.21	
02 90 55 00-0106	DAY		PPE (Personal Protective Equipment) Mold Remediation Related For Emergency Clean-up.....	121.49	
02 90 55 00-0107	DAY		Portable Generator, Up To 7,500 Watt For Emergency Clean-up.....	179.37	
02 90 55 00-0108	DAY		Pressure Washer, Hot For Emergency Clean-up.....	269.06	
02 90 55 00-0109	DAY		Pressure Washer, Cold For Emergency Clean-up.....	179.37	
02 90 55 00-0110	DAY		Scaffolding - Per Section For Emergency Clean-up.....	131.61	
02 90 55 00-0111	DAY		Small Tools - Tool Box For Emergency Clean-up.....	50.62	
02 90 55 00-0112	DAY		Soda Blasting Equipment For Emergency Clean-up.....	1,775.02	
02 90 55 00-0113	DAY		Sprayer - Hudson For Emergency Clean-up.....	16.20	
02 90 55 00-0114	WK		Sprayer - Hudson For Emergency Clean-up.....	44.55	
02 90 55 00-0115	MO		Sprayer - Hudson For Emergency Clean-up.....	121.49	
02 90 55 00-0116	DAY		0.47 GPM, Airless Paint Sprayer For Emergency Clean-up.....	109.42	
02 90 55 00-0117	WK		0.47 GPM, Airless Paint Sprayer For Emergency Clean-up.....	321.94	
02 90 55 00-0118	MO		0.47 GPM, Airless Paint Sprayer For Emergency Clean-up.....	1,101.94	
02 90 55 00-0119	DAY		0.60 GPM, Airless Paint Sprayer For Emergency Clean-up.....	215.76	
02 90 55 00-0120	WK		0.60 GPM, Airless Paint Sprayer For Emergency Clean-up.....	508.59	
02 90 55 00-0121	MO		0.60 GPM, Airless Paint Sprayer For Emergency Clean-up.....	1,417.89	
02 90 55 00-0122	DAY		0.80 GPM, Airless Paint Sprayer For Emergency Clean-up.....	231.17	
02 90 55 00-0123	WK		0.80 GPM, Airless Paint Sprayer For Emergency Clean-up.....	577.94	
02 90 55 00-0124	MO		0.80 GPM, Airless Paint Sprayer For Emergency Clean-up.....	1,556.59	
02 90 55 00-0125	DAY		Storage Space (Per SF Per Day) For Emergency Clean-up.....	4.45	
02 90 55 00-0126	DAY		Submersible Pump For Emergency Clean-up.....	44.84	
02 90 55 00-0127	DAY		Trash Pump - 2" Gas Powered For Emergency Clean-up.....	255.41	
02 90 55 00-0128	DAY		Vehicle, Pick-up, SUV, Car For Emergency Clean-up.....	126.79	
02 90 55 00-0129	DAY		Vehicle, Van For Emergency Clean-up.....	206.72	
02 90 55 00-0130	DAY		16' Or 24' Box Truck Vehicle For Emergency Clean-up..... Note: Includes Mileage	259.40	
02 90 55 00-0131	DAY		Trailer - Refrigerated 40' Storage For Emergency Clean-up.....	274.71	
02 90 55 00-0132	DAY		Utility Trailer For Emergency Clean-up..... Note: Includes Mileage	228.77	
02 90 55 00-0133	DAY		Truck Mount, Per Wand Extraction For Emergency Clean-up.....	1,031.76	
02 90 55 00-0134	DAY		High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up.....	44.84	
02 90 55 00-0135	WK		High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up.....	123.32	
02 90 55 00-0136	MO		High Efficiency Particulate Air (HEPA) Backpack Vacuum For Emergency Clean-up.....	336.32	
02 90 55 00-0137	DAY		12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	152.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0138	WK		12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	419.28	
02 90 55 00-0139	MO		12 Gallon, Industrial High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,143.49	
02 90 55 00-0140	DAY		Vacuum - Upright For Emergency Clean-up	30.32	
02 90 55 00-0141	WK		Vacuum - Upright For Emergency Clean-up	83.38	
02 90 55 00-0142	MO		Vacuum - Upright For Emergency Clean-up	227.39	
02 90 55 00-0143	DAY		12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	62.77	
02 90 55 00-0144	WK		12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	155.91	
02 90 55 00-0145	MO		12 To 23 Gallon, Wet/Dry Shop Vacuum For Emergency Clean-up	374.59	
02 90 55 00-0146	DAY		55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	62.77	
02 90 55 00-0147	WK		55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	155.91	
02 90 55 00-0148	MO		55 Gallon Wet/Dry Drum Top Vacuum For Emergency Clean-up	394.84	
02 90 55 00-0149	DAY		17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	143.76	
02 90 55 00-0150	WK		17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	384.71	
02 90 55 00-0151	MO		17 Gallon Wet Vacuum With Pump Discharge For Emergency Clean-up	1,073.14	
02 90 55 00-0152	DAY		Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	44.84	
02 90 55 00-0153	WK		Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	123.32	
02 90 55 00-0154	MO		Zip Wall Poles (Per 2 Poles) For Emergency Clean-up	336.32	
02 90 55 00-0155	DAY		10' x 10' Canopy For Emergency Clean-up	127.56	
02 90 55 00-0156	WK		10' x 10' Canopy For Emergency Clean-up	255.12	
02 90 55 00-0157	MO		10' x 10' Canopy For Emergency Clean-up	510.25	
02 90 55 00-0158	DAY		10' x 20' Canopy For Emergency Clean-up	255.12	
02 90 55 00-0159	WK		10' x 20' Canopy For Emergency Clean-up	510.25	
02 90 55 00-0160	MO		10' x 20' Canopy For Emergency Clean-up	1,020.50	
02 90 55 00-0161	DAY		16' x 16' Canopy For Emergency Clean-up	319.92	
02 90 55 00-0162	WK		16' x 16' Canopy For Emergency Clean-up	639.84	
02 90 55 00-0163	MO		16' x 16' Canopy For Emergency Clean-up	1,279.67	
02 90 55 00-0164	DAY		20' x 20' Canopy For Emergency Clean-up	425.21	
02 90 55 00-0165	WK		20' x 20' Canopy For Emergency Clean-up	850.42	
02 90 55 00-0166	MO		20' x 20' Canopy For Emergency Clean-up	1,700.83	
02 90 55 00-0167	DAY		20' x 30' Canopy For Emergency Clean-up	485.95	
02 90 55 00-0168	WK		20' x 30' Canopy For Emergency Clean-up	971.90	
02 90 55 00-0169	MO		20' x 30' Canopy For Emergency Clean-up	1,943.81	
02 90 55 00-0170	DAY		20' x 40' Canopy For Emergency Clean-up	566.94	
02 90 55 00-0171	WK		20' x 40' Canopy For Emergency Clean-up	1,133.89	
02 90 55 00-0172	MO		20' x 40' Canopy For Emergency Clean-up	2,267.78	
02 90 55 00-0173	DAY		First Aid Station For Emergency Clean-up	306.15	
02 90 55 00-0174	WK		First Aid Station For Emergency Clean-up	841.91	
02 90 55 00-0175	MO		First Aid Station For Emergency Clean-up	2,296.12	
02 90 55 00-0176	DAY		Portable Eyewash Station For Emergency Clean-up	92.98	
02 90 55 00-0177	WK		Portable Eyewash Station For Emergency Clean-up	255.69	
02 90 55 00-0178	MO		Portable Eyewash Station For Emergency Clean-up	697.34	
02 90 55 00-0179	DAY		2 Way Radio For Emergency Clean-up	38.59	
02 90 55 00-0180	Technical/Electronics Restoration Equipment (02 90 55 00-0022)				
02 90 55 00-0181	DAY		Computer - Diagnostic For Emergency Clean-up	50.62	
02 90 55 00-0182	WK		Computer - Diagnostic For Emergency Clean-up	139.20	
02 90 55 00-0183	MO		Computer - Diagnostic For Emergency Clean-up	379.65	
02 90 55 00-0184	DAY		Convection Oven - Large For Emergency Clean-up	802.07	
02 90 55 00-0185	WK		Convection Oven - Large For Emergency Clean-up	2,205.69	
02 90 55 00-0186	MO		Convection Oven - Large For Emergency Clean-up	6,015.52	
02 90 55 00-0187	DAY		Convection Oven - Small For Emergency Clean-up	182.23	
02 90 55 00-0188	WK		Convection Oven - Small For Emergency Clean-up	501.14	
02 90 55 00-0189	MO		Convection Oven - Small For Emergency Clean-up	1,366.74	
02 90 55 00-0190	DAY		Convection Oven - Vacuum For Emergency Clean-up	1,144.76	
02 90 55 00-0191	WK		Convection Oven - Vacuum For Emergency Clean-up	3,148.10	
02 90 55 00-0192	MO		Convection Oven - Vacuum For Emergency Clean-up	8,575.32	
02 90 55 00-0193	DAY		Decontamination Booth For Emergency Clean-up	946.71	
02 90 55 00-0194	WK		Decontamination Booth For Emergency Clean-up	2,602.36	
02 90 55 00-0195	MO		Decontamination Booth For Emergency Clean-up	7,097.34	
02 90 55 00-0196	DAY		DI Water System For Emergency Clean-up	73.50	
02 90 55 00-0197	WK		DI Water System For Emergency Clean-up	202.12	
02 90 55 00-0198	MO		DI Water System For Emergency Clean-up	551.25	
02 90 55 00-0199	DAY		ESD Bench Workstation For Emergency Clean-up	45.02	
02 90 55 00-0200	WK		ESD Bench Workstation For Emergency Clean-up	123.80	
02 90 55 00-0201	MO		ESD Bench Workstation For Emergency Clean-up	337.64	
02 90 55 00-0202	DAY		Heater/Enclosure Control System For Emergency Clean-up	30.37	
02 90 55 00-0203	WK		Heater/Enclosure Control System For Emergency Clean-up	83.52	
02 90 55 00-0204	MO		Heater/Enclosure Control System For Emergency Clean-up	227.79	
02 90 55 00-0205	DAY		Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	115.76	
02 90 55 00-0206	WK		Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	318.35	
02 90 55 00-0207	MO		Hi-Tech Mobile Cart/Workstation For Emergency Clean-up	868.22	
02 90 55 00-0208	DAY		Micro-Blaster/Dust Collector For Emergency Clean-up	455.58	
02 90 55 00-0209	WK		Micro-Blaster/Dust Collector For Emergency Clean-up	1,252.84	
02 90 55 00-0210	MO		Micro-Blaster/Dust Collector For Emergency Clean-up	3,416.85	
02 90 55 00-0211	DAY		Mobile Laboratory For Emergency Clean-up	1,265.50	
02 90 55 00-0212	WK		Mobile Laboratory For Emergency Clean-up	3,480.12	
02 90 55 00-0213	MO		Mobile Laboratory For Emergency Clean-up	9,491.25	
02 90 55 00-0214	DAY		Nitrogen Enclosure Cabinet For Emergency Clean-up	24.30	
02 90 55 00-0215	WK		Nitrogen Enclosure Cabinet For Emergency Clean-up	66.82	
02 90 55 00-0216	MO		Nitrogen Enclosure Cabinet For Emergency Clean-up	182.23	
02 90 55 00-0217	DAY		Odell Cleaning Station For Emergency Clean-up	708.68	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0218	WK		Odell Cleaning Station For Emergency Clean-up	1,948.87	
02 90 55 00-0219	MO		Odell Cleaning Station For Emergency Clean-up	5,315.10	
02 90 55 00-0220	DAY		Parts Washer For Emergency Clean-up	50.62	
02 90 55 00-0221	WK		Parts Washer For Emergency Clean-up	139.20	
02 90 55 00-0222	MO		Parts Washer For Emergency Clean-up	379.65	
02 90 55 00-0223	DAY		Ultrasonic Cleaning System For Emergency Clean-up	344.53	
02 90 55 00-0224	WK		Ultrasonic Cleaning System For Emergency Clean-up	947.46	
02 90 55 00-0225	MO		Ultrasonic Cleaning System For Emergency Clean-up	2,583.98	
02 90 55 00-0226	DAY		Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	152.47	
02 90 55 00-0227	WK		Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	419.28	
02 90 55 00-0228	MO		Technical High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up	1,143.49	
02 90 55 00-0229 Drying/Dehumidification Equipment (02 90 55 00-0022)					
02 90 55 00-0230	DAY		202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	224.21	
			Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0231	WK		202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	616.59	
			Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0232	MO		202 CFM Water Extraction Unit With Dual 3-Stage Vacuums For Emergency Clean-up	1,681.61	
			Note: Includes 25' high Pressure solution hose and 25' Vacuum hose.		
02 90 55 00-0233	DAY		3,000 CFM Axial Air Mover For Emergency Clean-up	93.88	
02 90 55 00-0234	WK		3,000 CFM Axial Air Mover For Emergency Clean-up	258.17	
02 90 55 00-0235	MO		3,000 CFM Axial Air Mover For Emergency Clean-up	704.09	
02 90 55 00-0236	DAY		Injectidry System For Emergency Clean-up	278.03	
02 90 55 00-0237	WK		Injectidry System For Emergency Clean-up	764.57	
02 90 55 00-0238	MO		Injectidry System For Emergency Clean-up	2,085.19	
02 90 55 00-0239	DAY		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	179.37	
02 90 55 00-0240	WK		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	493.27	
02 90 55 00-0241	MO		Up To 100 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,345.29	
02 90 55 00-0242	DAY		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	253.10	
02 90 55 00-0243	WK		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	696.02	
02 90 55 00-0244	MO		>100 To 175 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,898.25	
02 90 55 00-0245	DAY		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	247.70	
02 90 55 00-0246	WK		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	681.18	
02 90 55 00-0247	MO		>175 To 250 Pints Water Removal Per Day, Refrigerant Dehumidifier For Emergency Clean-up	1,857.78	
02 90 55 00-0248	DAY		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	264.79	
02 90 55 00-0249	WK		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	728.16	
02 90 55 00-0250	MO		Phoenix 200 Refrigerant Dehumidifier For Emergency Clean-up	1,985.90	
02 90 55 00-0251	DAY		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	264.79	
02 90 55 00-0252	WK		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	728.16	
02 90 55 00-0253	MO		Phoenix 300 Refrigerant Dehumidifier For Emergency Clean-up	1,985.90	
02 90 55 00-0254	DAY		D-500 Desiccant Dehumidifier For Emergency Clean-up	298.95	
02 90 55 00-0255	WK		D-500 Desiccant Dehumidifier For Emergency Clean-up	822.12	
02 90 55 00-0256	MO		D-500 Desiccant Dehumidifier For Emergency Clean-up	2,242.14	
02 90 55 00-0257	DAY		D-750 Desiccant Dehumidifier For Emergency Clean-up	627.80	
02 90 55 00-0258	WK		D-750 Desiccant Dehumidifier For Emergency Clean-up	1,726.45	
02 90 55 00-0259	MO		D-750 Desiccant Dehumidifier For Emergency Clean-up	4,708.50	
02 90 55 00-0260	DAY		D-1000 Desiccant Dehumidifier For Emergency Clean-up	1,076.23	
02 90 55 00-0261	WK		D-1000 Desiccant Dehumidifier For Emergency Clean-up	2,959.63	
02 90 55 00-0262	MO		D-1000 Desiccant Dehumidifier For Emergency Clean-up	8,071.72	
02 90 55 00-0263	DAY		D-1500 Desiccant Dehumidifier For Emergency Clean-up	1,657.05	
02 90 55 00-0264	WK		D-1500 Desiccant Dehumidifier For Emergency Clean-up	4,556.89	
02 90 55 00-0265	MO		D-1500 Desiccant Dehumidifier For Emergency Clean-up	12,427.88	
02 90 55 00-0266	DAY		D-2000 Desiccant Dehumidifier For Emergency Clean-up	1,657.05	
02 90 55 00-0267	WK		D-2000 Desiccant Dehumidifier For Emergency Clean-up	4,556.89	
02 90 55 00-0268	MO		D-2000 Desiccant Dehumidifier For Emergency Clean-up	12,427.88	
02 90 55 00-0269	DAY		D-2250 Desiccant Dehumidifier For Emergency Clean-up	1,730.51	
02 90 55 00-0270	WK		D-2250 Desiccant Dehumidifier For Emergency Clean-up	4,758.90	
02 90 55 00-0271	MO		D-2250 Desiccant Dehumidifier For Emergency Clean-up	12,978.81	
02 90 55 00-0272	DAY		D-3000 Desiccant Dehumidifier For Emergency Clean-up	2,152.46	
02 90 55 00-0273	WK		D-3000 Desiccant Dehumidifier For Emergency Clean-up	5,919.26	
02 90 55 00-0274	MO		D-3000 Desiccant Dehumidifier For Emergency Clean-up	16,143.44	
02 90 55 00-0275	DAY		D-4500 Desiccant Dehumidifier For Emergency Clean-up	2,421.52	
02 90 55 00-0276	WK		D-4500 Desiccant Dehumidifier For Emergency Clean-up	6,659.17	
02 90 55 00-0277	MO		D-4500 Desiccant Dehumidifier For Emergency Clean-up	18,161.36	
02 90 55 00-0278	DAY		D-5000 Desiccant Dehumidifier For Emergency Clean-up	2,600.89	
02 90 55 00-0279	WK		D-5000 Desiccant Dehumidifier For Emergency Clean-up	7,152.44	
02 90 55 00-0280	MO		D-5000 Desiccant Dehumidifier For Emergency Clean-up	19,506.65	
02 90 55 00-0281	DAY		D-9000 Desiccant Dehumidifier For Emergency Clean-up	3,416.60	
02 90 55 00-0282	WK		D-9000 Desiccant Dehumidifier For Emergency Clean-up	9,395.65	
02 90 55 00-0283	MO		D-9000 Desiccant Dehumidifier For Emergency Clean-up	25,624.50	
02 90 55 00-0284	DAY		D-10500 Desiccant Dehumidifier For Emergency Clean-up	3,587.43	
02 90 55 00-0285	WK		D-10500 Desiccant Dehumidifier For Emergency Clean-up	9,865.43	
02 90 55 00-0286	MO		D-10500 Desiccant Dehumidifier For Emergency Clean-up	26,905.72	
02 90 55 00-0287	DAY		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	627.05	
02 90 55 00-0288	WK		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,724.38	
02 90 55 00-0289	MO		3.5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	4,702.85	
02 90 55 00-0290	DAY		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	868.22	
02 90 55 00-0291	WK		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,387.60	
02 90 55 00-0292	MO		5 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	6,511.64	
02 90 55 00-0293	DAY		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	1,076.23	
02 90 55 00-0294	WK		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	2,959.63	
02 90 55 00-0295	MO		10 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up	8,071.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0296 DAY 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	1,434.97	
02 90 55 00-0297 WK 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	3,946.17	
02 90 55 00-0298 MO 25 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	10,762.29	
02 90 55 00-0299 DAY 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,421.52	
02 90 55 00-0300 WK 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	6,659.17	
02 90 55 00-0301 MO 50 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	18,161.36	
02 90 55 00-0302 DAY 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	2,690.57	
02 90 55 00-0303 WK 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	7,399.07	
02 90 55 00-0304 MO 80 Ton DX Unit - Heating / Air Conditioning For Emergency Clean-up.....	20,179.29	
02 90 55 00-0305 DAY 25' Flex Duct For Emergency Clean-up.....	35.87	
02 90 55 00-0306 WK 25' Flex Duct For Emergency Clean-up.....	98.65	
02 90 55 00-0307 MO 25' Flex Duct For Emergency Clean-up.....	269.06	
02 90 55 00-0308 DAY Hygrothermograph For Emergency Clean-up.....	50.62	
02 90 55 00-0309 WK Hygrothermograph For Emergency Clean-up.....	139.20	
02 90 55 00-0310 MO Hygrothermograph For Emergency Clean-up.....	379.65	
02 90 55 00-0311 DAY Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	9,079.09	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0312 WK Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	24,967.49	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0313 MO Dehumidification Trailer With 1,500 CFM Desiccant Unit For Emergency Clean-up.....	68,093.16	
Note: Includes 400 KW generator, 1500 CFM desiccant DH, 25 Ton DX unit, 1000 gallon fuel tank, and limited electrical distribution.		
02 90 55 00-0314 Power Equipment (02 90 55 00-0022)		
02 90 55 00-0315 WK Up to 65 KVA Generator For Emergency Clean-up.....	1,194.38	
02 90 55 00-0316 WK >65 to 125 KVA Generator For Emergency Clean-up.....	2,021.25	
02 90 55 00-0317 WK >125 to 250 KVA Generator For Emergency Clean-up.....	1,971.46	
02 90 55 00-0318 WK >250 to 375 KVA Generator For Emergency Clean-up.....	3,399.38	
02 90 55 00-0319 WK >375 Up to 440 KVA Generator For Emergency Clean-up.....	4,593.75	
02 90 55 00-0320 WK >440 to 625 KVA Generator For Emergency Clean-up.....	6,917.40	
02 90 55 00-0321 WK >625 to 800 KVA Generator For Emergency Clean-up.....	7,074.38	
02 90 55 00-0322 WK >800 to 1,000 KVA Generator For Emergency Clean-up.....	9,463.12	
02 90 55 00-0323 WK >1,000 to 1,500 KVA Generator For Emergency Clean-up.....	14,240.62	
02 90 55 00-0324 EA Generator Cable/Pigtails (Per Section) For Emergency Clean-up.....	30.87	
02 90 55 00-0325 EA Sub-Distribution Panel (Spider Box) For Emergency Clean-up.....	147.92	
02 90 55 00-0326 EA Electrical Distribution Panel For Emergency Clean-up.....	344.53	
02 90 55 00-0327 EA Quad Box Strings (25' Sections) For Emergency Clean-up.....	55.58	
02 90 55 00-0328 EA 50' Power Cord For Spider Box For Emergency Clean-up.....	51.45	
02 90 55 00-0329 EA Pig Tails (Per Each) For Emergency Clean-up.....	5.06	
02 90 55 00-0330 Freight Charges (02 90 55 00-0022)		
02 90 55 00-0331 MI Freight Up To 1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	2.53	
02 90 55 00-0332 MI Freight >1 Ton Pick Up Truck For Emergency Clean-up Equipment.....	4.56	
02 90 55 00-0333 MI Freight 16' Or 24' Box Truck For Emergency Clean-up Equipment.....	4.56	
02 90 55 00-0334 MI Freight Tractor Trailer For Emergency Clean-up Equipment.....	6.58	
02 90 55 00-0335 Emergency Clean-up Personal Protection Equipment (02 90 55 00-0001)		
Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.		
02 90 55 00-0336 EA Tyvek Coveralls For Emergency Clean-up Personal Protection Equipment.....	14.85	
02 90 55 00-0337 EA Tyvek Coveralls With Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment.....	17.49	
02 90 55 00-0338 EA Tyvek Coveralls With Hood, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment.....	18.34	
02 90 55 00-0339 EA Tyvek Coveralls With Hood, Boots, Elastic Wrists And Ankles For Emergency Clean-up Personal Protection Equipment.....	23.12	
02 90 55 00-0340 EA Disposable Dual Cartridge Half-Mask Respirator For Emergency Clean-up Personal Protection Equipment.....	122.88	
02 90 55 00-0341 EA N95 Respirator For Emergency Clean-up Personal Protection Equipment.....	5.14	
02 90 55 00-0342 EA N95 Respirator With Valve For Emergency Clean-up Personal Protection Equipment.....	7.32	
02 90 55 00-0343 PR 3M Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	49.11	
02 90 55 00-0344 EA Respirator Cleaning Wipes, Per Box 100 For Emergency Clean-up Personal Protection Equipment.....	39.30	
02 90 55 00-0345 PR P100 Respirator Cartridges For Emergency Clean-up Personal Protection Equipment.....	49.11	
02 90 55 00-0346 EA Respirator Cartridge For Emergency Clean-up Personal Protection Equipment.....	51.86	
02 90 55 00-0347 BOX Dust Mask, Box of 50, For Emergency Clean-up Personal Protection Equipment.....	57.83	
02 90 55 00-0348 PR Cotton Canvas Gloves For Emergency Clean-up Personal Protection Equipment.....	4.13	
02 90 55 00-0349 BOX 5 Mil, Disposable Latex Gloves, Box of 100, For Emergency Clean-up Personal Protection Equipment.....	26.91	
02 90 55 00-0350 PR 4 Mil, Disposable Nitrile Gloves For Emergency Clean-up Personal Protection Equipment.....	0.55	
02 90 55 00-0351 PR 5 Mil, Disposable Vinyl Gloves For Emergency Clean-up Personal Protection Equipment.....	0.46	
02 90 55 00-0352 PR 17 Mil, Latex Gloves For Emergency Clean-up Personal Protection Equipment.....	2.19	
02 90 55 00-0353 PR 15 Mil, Nitrile Gloves For Emergency Clean-up Personal Protection Equipment.....	5.20	
02 90 55 00-0354 PR Vinyl Coated Gloves With Knit Lining For Emergency Clean-up Personal Protection Equipment.....	7.13	
02 90 55 00-0355 PR 30 Mil, Polyvinyl Chloride (PVC) And Polyvinyl Chloride (PVC) Blend Gloves For Emergency Clean-up Personal Protection Equipment.....	7.99	
02 90 55 00-0356 PR Leather Gloves For Emergency Clean-up Personal Protection Equipment.....	13.46	
02 90 55 00-0357 EA Heavy Duty, Rubber Gloves For Emergency Clean-up Personal Protection Equipment.....	22.98	
02 90 55 00-0358 PR Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment.....	14.98	
02 90 55 00-0359 PR Chemical Splash/Impact Resistant, Polycarbonate Lens Safety Goggles For Emergency Clean-up Personal Protection Equipment.....	24.70	
02 90 55 00-0360 PR Plastic Safety Glasses For Emergency Clean-up Personal Protection Equipment.....	6.56	
02 90 55 00-0361 EA Safety Harness (Per Person/Day) For Emergency Clean-up Personal Protection Equipment.....	8.97	

02 Existing Conditions**02 90 Disaster Recovery****02 90 55 Emergency Clean-up**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
02 90 55 00-0362**Emergency Clean-up Expendables** (02 90 55 00-0001)

Note: Used in the performance of time and material projects. Not used in conjunction with tasks in the Cleaning, Contents Manipulation, and Water Emergency Clean-up sections.

02 90 55 00-0363**General Materials** (02 90 55 00-0362)

02 90 55 00-0364	GAL	Adhesive Remover For Emergency Clean-up.....	107.62
02 90 55 00-0365	GAL	Bioside-HS Cleaning Solution For Emergency Clean-up.....	34.52
02 90 55 00-0366	GAL	Biocide Mold Cleaning Solution For Emergency Clean-up.....	44.04
02 90 55 00-0367	EA	10" x 12" x 15" Cardboard Storage Box For Emergency Clean-up.....	5.67
02 90 55 00-0368	EA	10" x 12" x 24" Cardboard Storage Box For Emergency Clean-up.....	8.61
02 90 55 00-0369	EA	10" x 15" x 24" Cardboard Storage Box For Emergency Clean-up.....	8.61
02 90 55 00-0370	GAL	Bleach For Emergency Clean-up.....	11.58
02 90 55 00-0371	EA	Small Stainless Brush For Emergency Clean-up.....	7.35
02 90 55 00-0372	EA	2-1/2 Gallon Buckets For Emergency Clean-up.....	8.55
02 90 55 00-0373	EA	5 Gallon Bucket For Emergency Clean-up.....	12.96
02 90 55 00-0374	GAL	Carpet Defoamer For Emergency Clean-up.....	33.34
02 90 55 00-0375	GAL	Carpet Pre-treat For Emergency Clean-up.....	27.20
02 90 55 00-0376	GAL	Carpet Spotter For Emergency Clean-up.....	45.57
02 90 55 00-0377	GAL	Carpet/Upholstery Cleaner For Emergency Clean-up.....	36.75
02 90 55 00-0378	ROL	Carpet Masking/Shield For Emergency Clean-up.....	105.78
02 90 55 00-0379	EA	Chemical Sponge For Emergency Clean-up.....	4.24
02 90 55 00-0380	GAL	Clear Seal For Emergency Clean-up.....	144.70
02 90 55 00-0381	GAL	Coil Cleaner For Emergency Clean-up.....	72.82
02 90 55 00-0382	EA	Decontamination Chamber For Emergency Clean-up.....	316.42
02 90 55 00-0383	GAL	All Purpose Degreaser For Emergency Clean-up.....	47.35
02 90 55 00-0384	GAL	Heavy Duty Degreaser For Emergency Clean-up.....	54.26
02 90 55 00-0385	GAL	De-Foamer Liquid For Emergency Clean-up.....	62.24
02 90 55 00-0386	EA	Deodorization Membrane For Emergency Clean-up.....	116.08
02 90 55 00-0387	GAL	9-D-9 Smoke Deodorizer For Emergency Clean-up.....	186.04
02 90 55 00-0388	LB	Deodorizing Gel For Emergency Clean-up.....	43.71
02 90 55 00-0389	GAL	Deodorizing Liquid For Emergency Clean-up.....	61.55
02 90 55 00-0390	PAIL	Deodorizing Block For Emergency Clean-up.....	10.99
02 90 55 00-0391	GAL	Disinfectant/Anti-microbial For Emergency Clean-up.....	113.40
02 90 55 00-0392	GAL	BruClean Disinfectant For Emergency Clean-up.....	37.04
02 90 55 00-0393	GAL	Dryclean For Emergency Clean-up.....	48.37
02 90 55 00-0394	GAL	Duct Sealant Spray For Emergency Clean-up.....	72.89
02 90 55 00-0395	GAL	Antifungal Duct Sealant For Emergency Clean-up.....	105.29
02 90 55 00-0396	GAL	Microbial Encapsulant (Fosters 20 - 40) For Emergency Clean-up.....	167.77
02 90 55 00-0397	PR	Ear Plugs For Emergency Clean-up Personal Protection Equipment.....	0.65
02 90 55 00-0398	GAL	Encapsulant For Emergency Clean-up.....	120.54
02 90 55 00-0399	GAL	Aftershock Fiberlocke For Emergency Clean-up.....	105.84
02 90 55 00-0400	GAL	IAQ 2500 Fiberlocke For Emergency Clean-up.....	125.02
02 90 55 00-0401	GAL	IAS 6000 Fiberlocke For Emergency Clean-up.....	128.58
02 90 55 00-0402	ROL	Filter Material For Emergency Clean-up.....	283.78
02 90 55 00-0403	EA	Blue Paper Collection Bag Filter For Emergency Clean-up.....	7.64
02 90 55 00-0404	EA	CVAC Filter For High Efficiency Particulate Air (HEPA) Vacuum For Emergency Clean-up.....	606.96
02 90 55 00-0405	EA	Pre-Filter For Negative Air Machine For Emergency Clean-up.....	2.91
02 90 55 00-0406	EA	Pleated Filter For Negative Air Machine For Emergency Clean-up.....	12.97
02 90 55 00-0407	EA	Charcoal Filter For Negative Air Machine For Emergency Clean-up.....	46.16
02 90 55 00-0408	EA	High Efficiency Particulate Air (HEPA) Filter For Negative Air Machine For Emergency Clean-up.....	439.00
02 90 55 00-0409	EA	Pleated Dehumidifier Filter For Emergency Clean-up.....	11.58
02 90 55 00-0410	GAL	Floor Stripper For Emergency Clean-up.....	22.68
02 90 55 00-0411	GAL	Floor Wax For Emergency Clean-up.....	32.40
02 90 55 00-0412	GAL	Fogger (Thermal) For Emergency Clean-up.....	197.32
02 90 55 00-0413	BOX	Furniture Blocks For Emergency Clean-up.....	158.93
02 90 55 00-0414	EA	Furniture Polish, Per 10 Oz Can For Emergency Clean-up.....	21.42
02 90 55 00-0415	GAL	Glass Cleaner For Emergency Clean-up.....	14.28
02 90 55 00-0416	EA	Goof Off Spray, 12 Oz For Emergency Clean-up.....	18.38
02 90 55 00-0417	EA	Halogen Light Bulbs For Emergency Clean-up.....	23.13
02 90 55 00-0418	QT	Hand Sanitizer For Emergency Clean-up.....	11.44
02 90 55 00-0419	EA	Hard Hats For Emergency Clean-up Personal Protection Equipment.....	9.42
02 90 55 00-0420	BOX	Hog Rings, Box Of 2,500 For Emergency Clean-up.....	22.39
02 90 55 00-0421	GAL	HVAC Coal Cleaner For Emergency Clean-up.....	70.19
02 90 55 00-0422	BOX	Inventory Tag, Box Of 1,000 For Emergency Clean-up.....	157.48
02 90 55 00-0423	EA	Utility Knives For Emergency Clean-up.....	17.82
02 90 55 00-0424	ROL	13" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	135.09
02 90 55 00-0425	ROL	20" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	142.62
02 90 55 00-0426	ROL	29" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	283.96
02 90 55 00-0427	ROL	39" Lay Flat Tubing (250' Roll) For Emergency Clean-up.....	410.44
02 90 55 00-0428	GAL	Lemon Oil For Emergency Clean-up.....	57.40
02 90 55 00-0429	GAL	LPS 1/Mecca Lube For Emergency Clean-up.....	58.86
02 90 55 00-0430	GAL	LPS 2 For Emergency Clean-up.....	62.30
02 90 55 00-0431	GAL	LPS Contact Cleaner For Emergency Clean-up.....	62.01
02 90 55 00-0432	GAL	Light Lubricant Preserve For Emergency Clean-up.....	164.39
02 90 55 00-0433	GAL	Heavy Lubricant Preserver For Emergency Clean-up.....	32.40
02 90 55 00-0434	GAL	Machinery Cleaning Solvent For Emergency Clean-up.....	274.80
02 90 55 00-0435	GAL	Metal Polishing Paste For Emergency Clean-up.....	30.43
02 90 55 00-0436	GAL	MediClean® Disinfectant For Emergency Clean-up.....	65.47
02 90 55 00-0437	GAL	Dri-Eaz Milgo Plus Sanitizer For Emergency Clean-up.....	80.36
02 90 55 00-0438	EA	Mop Heads For Emergency Clean-up.....	10.20
02 90 55 00-0439	EA	Nylon Scouring Pads For Emergency Clean-up.....	1.78

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
02 90 55 00-0440 GAL Odor Neutralizer For Emergency Clean-up	45.57	
02 90 55 00-0441 EA Packing Paper, 25 LB Bundle For Emergency Clean-up	81.89	
02 90 55 00-0442 EA Paint Brushes For Emergency Clean-up	8.10	
02 90 55 00-0443 ROL Corrugated/Craft Paper, 48" x 250' For Emergency Clean-up	190.98	
02 90 55 00-0444 EA Putty Knives For Emergency Clean-up	7.34	
02 90 55 00-0445 ROL Red Resin Paper, 200' Roll For Emergency Clean-up	41.67	
02 90 55 00-0446 GAL Reodorant For Emergency Clean-up	137.69	
02 90 55 00-0447 GAL Restoracide For Emergency Clean-up	64.58	
02 90 55 00-0448 GAL Rust Remover For Emergency Clean-up	100.45	
02 90 55 00-0449 EA Saltesmo Test Samples For Emergency Clean-up	9.33	
02 90 55 00-0450 EA Sand Bag For Emergency Clean-up	2.45	
Note: Excludes sand material		
02 90 55 00-0451 EA Scotch-Brite 7447, Per Box 50 For Emergency Clean-up	32.80	
02 90 55 00-0452 EA Small Scrub Brushes For Emergency Clean-up	16.90	
02 90 55 00-0453 GAL Clear Soot Sealant For Emergency Clean-up	116.49	
02 90 55 00-0454 GAL Pigmented Soot Sealant For Emergency Clean-up	314.16	
02 90 55 00-0455 ROL Shrinkwrap Plastic For Emergency Clean-up	72.32	
02 90 55 00-0456 EA Dry Sponges For Emergency Clean-up	5.88	
02 90 55 00-0457 EA Spray Adhesive, Per Can For Emergency Clean-up	7.54	
02 90 55 00-0458 EA Spray Bot./Trigger For Emergency Clean-up	6.25	
02 90 55 00-0459 GAL Stain Remover For Emergency Clean-up	41.16	
02 90 55 00-0460 GAL Stainless Steel Cleaner For Emergency Clean-up	14.21	
02 90 55 00-0461 EA Stainless Steel Polish, Per Can For Emergency Clean-up	18.65	
02 90 55 00-0462 LB Sweeping Compound For Emergency Clean-up	0.67	
02 90 55 00-0463 ROL Duct Tape, 2" x 50 YD For Emergency Clean-up	14.76	
02 90 55 00-0464 ROL Environmental (Teal) Tape, 3/4" x 1,440' For Emergency Clean-up	13.89	
02 90 55 00-0465 ROL HVAC (Aluminum) Tape, 2" x 75' For Emergency Clean-up	35.64	
02 90 55 00-0466 ROL Blue Masking (Painters) Tape, 1-1/2" x 198' For Emergency Clean-up	19.76	
02 90 55 00-0467 ROL Poly Box Tape, 2" x 110 YD For Emergency Clean-up	6.10	
02 90 55 00-0468 LB Terry Towels For Emergency Clean-up	8.34	
02 90 55 00-0469 GAL Thermal Fog For Emergency Clean-up	92.61	
02 90 55 00-0470 ROL 1.7 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	45.92	
02 90 55 00-0471 ROL 3 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	107.31	
02 90 55 00-0472 ROL 4 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	137.69	
02 90 55 00-0473 ROL 6 Mil, 55 Gallon Trash Bags, 50/Roll For Emergency Clean-up	183.13	
02 90 55 00-0474 EA Trisodium Phosphate, 20 LB Pail For Emergency Clean-up	59.11	
02 90 55 00-0475 EA Backpack Vacuum Bags For Emergency Clean-up	1.99	
02 90 55 00-0476 EA Upright Vacuum Bags For Emergency Clean-up	2.66	
02 90 55 00-0477 GAL Vinyl And Leather Cleaner For Emergency Clean-up	36.75	
02 90 55 00-0478 ROL 1 Mil Visqueen, 12' x 400', For Emergency Clean-up	59.49	
02 90 55 00-0479 ROL 4 Mil Visqueen, 32' x 100', For Emergency Clean-up	161.54	
02 90 55 00-0480 ROL 6 Mil Visqueen, 32' x 400', For Emergency Clean-up	220.41	
02 90 55 00-0481 LB Wipes, Cotton Cloth For Emergency Clean-up	6.25	
02 90 55 00-0482 ROL 12" x 750', Wrap, Bubble/Anti-static For Emergency Clean-up	181.42	
02 90 55 00-0483 EA Wyp-Alls, Case Of 160 Wipes For Emergency Clean-up	18.38	
02 90 55 00-0484 EA Zip Wall Zippers For Emergency Clean-up	27.54	
02 90 55 00-0485 EA Absorbent Matt Roll For Oil And Other Liquids - 15" Wide x 50' Roll	33.00	
Note: 3.3 gallon volume absorption capacity per roll		
02 90 55 00-0486 EA Oil Only Sorbent Pads - 15" x 19", Light, Package Of 100	49.50	
Note: 26 OZ volume absorption capacity per pad		
02 90 55 00-0487 EA Oil Only Sorbent Pads - 15" x 19", Medium, Package Of 100	52.15	
Note: 33 OZ volume absorption capacity per pad		
02 90 55 00-0488 EA Oil Only Sorbent Pads - 15" x 19", Heavy, Package Of 100	85.15	
Note: 45 OZ volume absorption capacity per pad		
02 90 55 00-0489 Technical/Electronics Restoration Materials (02 90 55 00-0362)		
02 90 55 00-0490 EA Brush - Brass For Emergency Clean-up	6.07	
02 90 55 00-0491 EA 1" Brush, Natural Bristle For Emergency Clean-up	1.94	
02 90 55 00-0492 EA 1/2" Brush, Natural Bristle For Emergency Clean-up	1.62	
02 90 55 00-0493 EA 1/4" Brush, Natural Bristle For Emergency Clean-up	1.38	
02 90 55 00-0494 EA Brush - Parts For Emergency Clean-up	8.42	
02 90 55 00-0495 EA Brush - Plastic For Emergency Clean-up	4.37	
02 90 55 00-0496 EA Brush - Wire Grout For Emergency Clean-up	9.65	
02 90 55 00-0497 EA Brushing Tool For Emergency Clean-up	18.60	
02 90 55 00-0498 EA Cleaning Swabs, Cotton For Emergency Clean-up	0.40	
02 90 55 00-0499 EA Cleaning Swabs, Foam Tip For Emergency Clean-up	0.49	
02 90 55 00-0500 EA Contact Restorer, Per Can For Emergency Clean-up	36.83	
02 90 55 00-0501 EA Contact Spray, Per Can For Emergency Clean-up	25.06	
02 90 55 00-0502 UNT Corrosion Inhibitor Emitter - 1 CF For Emergency Clean-up	3.89	
02 90 55 00-0503 UNT Corrosion Inhibitor Emitter - 5 CF For Emergency Clean-up	11.14	
02 90 55 00-0504 UNT Corrosion Inhibitor Emitter - 10 CF For Emergency Clean-up	14.43	
02 90 55 00-0505 LB Cotton Cleaning Cloths For Emergency Clean-up	22.78	
02 90 55 00-0506 EA 12" x 17" Dust Cloths For Emergency Clean-up	0.36	
02 90 55 00-0507 EA 24" x 24" Dust Cloths For Emergency Clean-up	1.00	
02 90 55 00-0508 EA Deoxidizing Agent, Per Can For Emergency Clean-up	17.84	
02 90 55 00-0509 GAL Electronic Grade Detergent For Emergency Clean-up	41.34	
02 90 55 00-0510 SHT Inventory Labels For Emergency Clean-up	0.22	
02 90 55 00-0511 GAL Isopropyl Alcohol For Emergency Clean-up	109.56	
02 90 55 00-0512 GAL Lubrication/Penetrating Oil, Per Can For Emergency Clean-up	165.77	
02 90 55 00-0513 GAL PC Board Detergent For Emergency Clean-up	104.02	
02 90 55 00-0514 GAL Rust Inhibitor, Regular Duty For Emergency Clean-up	177.58	
02 90 55 00-0515 GAL Rust Inhibitor, Moderate Duty For Emergency Clean-up	178.91	

02 Existing Conditions

02 90 Disaster Recovery

02 90 55 Emergency Clean-up



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
02 90 55 00-0516	GAL	Rust Inhibitor, Severe Duty For Emergency Clean-up	191.24	
02 90 55 00-0517	LB	Wipes, Lint Free Cloths For Emergency Clean-up.....	7.23	
02 90 55 00-0518	EA	Wire Marker Card For Emergency Clean-up.....	2.83	
02 90 55 00-0519	EA	Steel Wool, 16 Pad Sleeve For Emergency Clean-up	1.56	

END OF SECTION 02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 Concrete

03 01 Maintenance of Concrete ⁽⁰³⁾

03 01 30 Maintenance of Cast-In-Place Concrete ^(03 01)

03 01 30 51 Cleaning of Cast-In-Place Concrete ^(03 01 30)

03 01 30 51-0001 Abrasive Blasting ^(03 01 30 51)

Note: Includes containment and clean-up of all material. Includes steel ball media.

03 01 30 51-0002	SF Concrete Floors, Abrasive Shot (Bead) Blasting.....	3.67
	For Up To 100, Add	2.96
	For >100 To 250, Add	0.74
	For >250 To 500, Add	0.37
	For >5,000 To 10,000, Deduct	-0.07
	For >10,000, Deduct	-0.15
03 01 30 51-0003	SF Concrete Walls, Abrasive Shot (Bead) Blasting.....	5.13
	For Up To 100, Add	5.88
	For >100 To 250, Add	1.47
	For >250 To 500, Add	0.74
	For >5,000 To 10,000, Deduct	-0.15
	For >10,000, Deduct	-0.29

03 01 30 71 Rehabilitation of Cast-In-Place Concrete ^(03 01 30)

03 01 30 71-0001 Concrete Resurfacing/Repair ^(03 01 30 71)

See CSI section 09 01 90 52-0002 for surface preparation as required.

03 01 30 71-0002 Spall Concrete Repair ^(03 01 30 71-0001)

Note: Includes removal of defective concrete with chipping hammers, water blasting, cleaning of rebar, formwork, cementitious mortar, curing, and finishing.

03 01 30 71-0003	SF Spall Concrete Repair, Up To 3/4" Deep On Vertical/Overhead Surfaces.....	82.72
	For Up To 100, Add	58.82
	For >100 To 250, Add	29.41
03 01 30 71-0004	SF Spall Concrete Repair, >3/4" To 1-1/2" Deep On Vertical/Overhead Surfaces.....	95.74
	For Up To 100, Add	65.36
	For >100 To 250, Add	32.68
03 01 30 71-0005	SF Spall Concrete Repair, >1-1/2" To 3" Deep On Vertical/Overhead Surfaces.....	143.60
	For Up To 100, Add	98.04
	For >100 To 250, Add	49.02
03 01 30 71-0006	SF Spall Concrete Repair, >3" To 4" Deep On Vertical/Overhead Surfaces.....	187.11
	For Up To 100, Add	127.46
	For >100 To 250, Add	63.73
03 01 30 71-0007	SF Spall Concrete Repair, Up To 3/4" Deep On Floor Surfaces.....	59.20
	For Up To 100, Add	41.18
	For >100 To 250, Add	20.59
03 01 30 71-0008	SF Spall Concrete Repair, >3/4" To 1-1/2" Deep On Floor Surfaces.....	69.59
	For Up To 100, Add	45.75
	For >100 To 250, Add	22.88
03 01 30 71-0009	SF Spall Concrete Repair, >1-1/2" To 3" Deep On Floor Surfaces.....	104.38
	For Up To 100, Add	68.63
	For >100 To 250, Add	34.31
03 01 30 71-0010	SF Spall Concrete Repair, >3" To 4" Deep On Floor Surfaces.....	136.13
	For Up To 100, Add	89.22
	For >100 To 250, Add	44.61

03 01 30 71-0011 Concrete Cleaning ^(03 01 30 71-0001)

03 01 30 71-0012	SF Clean Calcite/Staining On Concrete.....	21.82
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03 01 30 71-0013 Concrete Repair ^(03 01 30 71-0001)

03 01 30 71-0014 Decks Or Floors ^(03 01 30 71-0013)

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0015	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Cementitious Mortar.....	6.07
03 01 30 71-0016	SF Patch Decks Or Floors With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	18.67
03 01 30 71-0017	SF Patch Decks Or Floors With White Aluminum Oxide Grit (Non-Slip Aggregate).....	0.53

03 01 30 71-0018 Verticals Or Overheads ^(03 01 30 71-0013)

Note: Includes bonding agent and sealant. Excludes saw cutting, sand blasting and forming.

03 01 30 71-0019	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Cementitious Mortar.....	9.13
03 01 30 71-0020	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Epoxy Cementitious Mortar.....	25.89
03 01 30 71-0021	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Latex Cementitious Mortar.....	29.06
03 01 30 71-0022	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Elastomeric Compound.....	8.62
03 01 30 71-0023	SF Patch Verticals Or Overheads With 1/8" To 1/4" Thick Copolymer Cementitious Compound.....	15.31

Note: Rapid Set - WunderFixx

03 01 30 71-0024 Circular Piers ^(03 01 30 71-0013)

03 01 30 71-0025	SF Patch Circular Piers With 1/8" To 1/4" Elastomeric Patching Compound.....	11.89
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03 Concrete**03 01 Maintenance of Concrete****03 01 30 Maintenance of Cast-In-Place Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0026 SF Patch Circular Piers With 1/8" To 1/4" Copolymer Cementitious Compound..... Note: Rapid Set - WunderFixx	20.55	
03 01 30 71-0027 Bridge Deck Treatment (03 01 30 71-0013)		
03 01 30 71-0028 SF Sweep Bridge Deck	0.02	
03 01 30 71-0029 SF Clean Bridge Deck.....	0.02	
03 01 30 71-0030 SF Treat Bridge Deck With Methacrylate Resin Sealant	2.16	
03 01 30 71-0031 Concrete Finishes (03 01 30 71-0001)		
03 01 30 71-0032 Concrete Patching (03 01 30 71-0031)		
03 01 30 71-0033 Walls (03 01 30 71-0032)		
03 01 30 71-0034 BAG Sika Top 111 Plus..... Note: SikaTop 111 PLUS is a two-component, polymer-modified, portland-cement, fast-setting, screed mortar. Yield: Approximately 0.5 cu. ft./unit. Approximately 0.75 cu. ft./unit (SikaTop 111 + 42 lbs. of 3/8" pea gravel). For Up To 10, Add 62.45 For >10 To 25, Add 37.47 For >25 To 50, Add 24.98 For >50 To 75, Add 12.49	168.53	
03 01 30 71-0035 BAG Sika Grout 212, 50 LB Bag	115.44	
Note: SikaGrout 212 is a non-shrink, cementitious grout with a unique 2-stage shrinkage compensating mechanism. It is non-metallic and contains no chloride. Coverage: Approximately 0.44 cu. ft./bag at high flow. For Up To 10, Add 39.54 For >10 To 25, Add 23.72 For >25 To 50, Add 15.81 For >50 To 75, Add 7.91		
03 01 30 71-0036 EA Sika Flex 1A, 10.3 Ounce Tube	38.38	
Note: Sikaflex-1a is a premium-grade, high-performance, moisture-cured, 1-component, polyurethane-based, non-sag elastomeric sealant. Coverage: 10.3 fl. oz. cartridge seals 12.4 lineal ft. of 1/2 x 1/4 in. joint. 20 fl. oz. uni-pac sausage seals 24 lineal ft. of 1/2 x 1/4 in. joint.		
03 01 30 71-0037 BAG Pea Gravel.....	29.39	
03 01 30 71-0038 Crack Repair For Concrete (03 01 30 71-0001)		
03 01 30 71-0039 Non-Structural Crack Repair For Concrete (03 01 30 71-0038)		
03 01 30 71-0040 Surface Applied, Non-Structural Crack Repair For Concrete (03 01 30 71-0039) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing sealer with caulk gun, cartridge gun, squeeze bottle, etc. Excludes backer rod and sanding.		
03 01 30 71-0041 LF Up To 1/4" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)..... For V-Grooving Crack With Grinder, Add 4.74	5.95	
03 01 30 71-0042 LF >1/4" To 1/2" Wide, Latex Emulsion, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Squeeze Tube (Quikrete® Concrete Crack Seal)..... For V-Grooving Crack With Grinder, Add 4.63	7.80	
03 01 30 71-0043 LF Up To 1/4" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)..... For V-Grooving Crack With Grinder, Add 4.74	6.08	
03 01 30 71-0044 LF >1/4" To 1/2" Wide, Sanded Acrylic Latex, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Quikrete® Concrete Repair)..... For V-Grooving Crack With Grinder, Add 4.63	8.07	
03 01 30 71-0045 LF Up To 1/4" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)..... For V-Grooving Crack With Grinder, Add 4.74	6.58	
03 01 30 71-0046 LF >1/4" To 1/2" Wide, Self Leveling Polyurethane Sealant, Gravity Fed Non-Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Self-Leveling Sealant)..... For V-Grooving Crack With Grinder, Add 4.63	9.06	
03 01 30 71-0047 LF Up To 1/4" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)..... For V-Grooving Crack With Grinder, Add 4.74	6.94	
03 01 30 71-0048 LF >1/4" To 1/2" Wide, Non-Sag Elastomeric Polyurethane Sealant, Gravity Fed Non Structural Crack Repair For Concrete, Surface Applied With Cartridge Tool (Sikaflex® Concrete Fix)..... For V-Grooving Crack With Grinder, Add 4.63	9.79	
03 01 30 71-0049 Pressure Injected, Non-Structural Crack Repair For Concrete (03 01 30 71-0039) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with polyurethane and restoring the sealed surface to flush conditions. Excludes disposal.		
03 01 30 71-0050 LF Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (SealBoss 1570)..... For Cracks Accessible From Both Sides, Add 5.72	28.03	
03 01 30 71-0051 Structural Crack Repair For Concrete (03 01 30 71-0038)		
03 01 30 71-0052 Surface Applied, Structural Crack Repair For Concrete (03 01 30 71-0051) Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Excludes disposal.		
03 01 30 71-0053 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35)..... For V-Grooving Crack With Grinder, Add 4.74	7.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 01 30 71-0054 LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 35).....	9.97	
<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0055 LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied Trowel (Sikadur® 52).....	6.84	
<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0056 LF >1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Trowel (Sikadur® 52).....	9.58	
<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0057 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	8.45	
<i>For V-Grooving Crack With Grinder, Add</i>	4.74	
03 01 30 71-0058 LF >1/4" To 1/2" Wide, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Concrete, Surface Applied With Caulk Gun (Sikadur® Crack Fix).....	12.81	
<i>For V-Grooving Crack With Grinder, Add</i>	4.63	
03 01 30 71-0059 Pressure Injected, Structural Crack Repair For Concrete <small>(03 01 30 71-0051)</small>		
<small>Note: Includes removing all debris and contaminants accessible within the crack using hand tools, water blasting, compressed air or vacuuming. Includes installing injection ports, sealing the crack opening (one side only), injecting the crack with epoxy and restoring the sealed surface to flush conditions. Excludes disposal.</small>		
03 01 30 71-0060 LF Up To 1/4" Wide, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 35).....	24.15	
<i>For Cracks Accessible From Both Sides, Add</i>	5.72	
03 01 30 71-0061 LF Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Concrete, Installed With Automated Injection Equipment (Sikadur® 52).....	23.96	
<i>For Cracks Accessible From Both Sides, Add</i>	5.72	
03 01 30 71-0062 Carbon Fiber Strengthening System <small>(03 01 30 71-0001)</small>		
<small>Note: Includes preparing surface, dust and debris removal by hand, clean and protect adjacent area, fill voids, primer, fabric substrate layers, final coat of epoxy and finish. Excludes disposal.</small>		
03 01 30 71-0063 SF Carbon Fiber Strengthening System For Concrete Beams, Per Layer	81.94	
<small>Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.</small>		
03 01 30 71-0064 SF Carbon Fiber Strengthening System For Concrete Columns, Per Layer	72.72	
<small>Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.</small>		
03 01 30 71-0065 SF Carbon Fiber Strengthening System For Concrete Ceiling Slabs, Per Layer	67.54	
<small>Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.</small>		
03 01 30 71-0066 SF Carbon Fiber Strengthening System For Walls, Per Layer	64.67	
<small>Note: Includes carbon fabric epoxy saturant, primer, filler for voids, anchors, finish.</small>		
03 01 30 72 Strengthening Of Cast-in-Place Concrete <small>(03 01 30)</small>		
03 01 30 72-0001 Concrete Surface Repairs <small>(03 01 30 72)</small>		
03 01 30 72-0002 SF Sound The Concrete Surface To Locate Delaminated Areas	0.36	
03 05 Common Work Results For Concrete <small>(03)</small>		
03 05 13 Concrete Admixtures <small>(03 05)</small>		
03 05 13 00-0001 Concrete Admixtures <small>(03 05 13)</small>		
03 05 13 00-0002 CY Low Range Water Reducing (LRWR), Type A Concrete Admixture	6.46	
03 05 13 00-0003 CY Set Retarding, Type B Concrete Admixture	4.47	
03 05 13 00-0004 CY 1% Calcium Chloride Accelerating, Type C Concrete Admixture.....	6.96	
03 05 13 00-0005 CY 2% Calcium Chloride Accelerating, Type C Concrete Admixture.....	13.91	
03 05 13 00-0006 CY 1% Non-Chloride Accelerating, Type C Concrete Admixture.....	12.42	
03 05 13 00-0007 CY 2% Non-Chloride Accelerating, Type C Concrete Admixture.....	24.85	
03 05 13 00-0008 CY 1% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	5.37	
03 05 13 00-0009 CY 2% Water Reducing and Retarding (Hydration Stabilizer), Type D Concrete Admixture	10.47	
03 05 13 00-0010 CY 1% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	7.45	
03 05 13 00-0011 CY 2% Water Reducing and Accelerating (High Early Strength), Type E Concrete Admixture	14.91	
03 05 13 00-0012 CY Mid Range Water Reducing (MRWR) Superplasticizer, Type A Or E Concrete Admixture	4.97	
03 05 13 00-0013 CY High Range Water Reducing (HRWR) Superplasticizer, Type F Concrete Admixture.....	11.93	
03 05 13 00-0014 CY 1 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	10.60	
03 05 13 00-0015 CY 1-1/2 LB/CY Polyethylene, Polypropylene, Nylon, Synthetic Plastic Fibers, Concrete Admixture	15.90	
03 05 13 00-0016 CY 25 LB/CY Steel Fibers, Concrete Admixture.....	42.43	
03 05 13 00-0017 CY 10% Microsilica (Silica Fume), Concrete Admixture	79.51	
03 05 13 00-0018 CY Corrosion Inhibiting Concrete Admixture	29.82	
03 05 13 00-0019 CY Winter Service Or Heat, Concrete Add	15.90	
03 05 13 00-0020 CY Chilled Water, Concrete Add	15.90	
03 05 13 00-0021 CY Subtle Color (See Davis Colors Color Card), Concrete Admixture	37.77	
03 05 13 00-0022 CY Standard Color (See Davis Colors Color Card), Concrete Admixture.....	62.95	
03 05 13 00-0023 CY Premium Color (See Davis Colors Color Card), Concrete Admixture	120.86	
03 05 13 00-0024 CY Ultra Premium Color (See Davis Colors Color Card), Concrete Admixture	167.86	
03 10 Concrete Forming and Accessories <small>(03)</small>		
03 11 Concrete Forming <small>(03 10)</small>		
03 11 13 Structural Cast-In-Place Concrete Forming <small>(03 11)</small>		
<small>Note: Per square foot of formwork.</small>		

03 Concrete**03 10 Concrete Forming and Accessories****03 11 Concrete Forming**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

03 11 13 00-0001	Wood Formwork <small>(03 11 13)</small> Note: For job built wood and/or plywood form systems where metal framed formwork cannot be used. Includes erecting, stripping, stacking, plywood, framing lumber, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0002	Foundation Wood Formwork <small>(03 11 13 00-0001)</small> Note: For foundation work below or at grade.		
03 11 13 00-0003	SF Continuous Footings Foundation Wood Formwork.....	7.98	
	<i>For <1,000, Add</i>	1.50	
	<i>For Foundations >8' Below Grade, Add</i>	1.46	
	<i>For Curved Formwork, Add</i>	2.92	
03 11 13 00-0004	SF Pile Cap, Pier Or Spread Footings Foundation Wood Formwork.....	9.52	
	<i>For <1,000, Add</i>	1.81	
	<i>For Foundations >8' Below Grade, Add</i>	1.76	
	<i>For Curved Formwork, Add</i>	3.52	
03 11 13 00-0005	SF Mat Foundation Wood Formwork.....	10.98	
	<i>For <1,000, Add</i>	2.11	
	<i>For Foundations >8' Below Grade, Add</i>	2.07	
	<i>For Curved Formwork, Add</i>	4.15	
03 11 13 00-0006	SF Grade Beams Or Duct Bank Foundation Wood Formwork.....	9.14	
	<i>For <1,000, Add</i>	1.75	
	<i>For Foundations >8' Below Grade, Add</i>	1.71	
	<i>For Curved Formwork, Add</i>	3.41	
03 11 13 00-0007	SF Below Grade Walls Foundation Wood Formwork.....	12.98	
	Note: Excludes footing		
	<i>For <1,000, Add</i>	2.47	
	<i>For Foundations >8' Below Grade, Add</i>	2.41	
	<i>For Curved Formwork, Add</i>	4.82	
03 11 13 00-0008	Slab Edge And Block-Out Wood Formwork <small>(03 11 13 00-0001)</small>		
03 11 13 00-0009	LF Up To 6" High Slab Edge and Block-Out Wood Formwork.....	6.19	
	<i>For Foundations >8' Below Grade, Add</i>	1.16	
	<i>For Curved Formwork, Add</i>	2.33	
	<i>For Up To 250, Add</i>	1.19	
03 11 13 00-0010	LF >6" To 12" High Slab Edge and Block-Out Wood Formwork.....	8.83	
	<i>For Foundations >8' Below Grade, Add</i>	1.62	
	<i>For Curved Formwork, Add</i>	3.24	
	<i>For Up To 250, Add</i>	1.67	
03 11 13 00-0011	SF >12" High Slab Edge and Block-Out Wood Formwork.....	11.29	
	<i>For Foundations >8' Below Grade, Add</i>	2.10	
	<i>For Curved Formwork, Add</i>	4.20	
	<i>For <1,000, Add</i>	2.15	
03 11 13 00-0012	Column Wood Formwork <small>(03 11 13 00-0001)</small>		
03 11 13 00-0013	LF Up To 8" Square Column Wood Formwork.....	47.65	
03 11 13 00-0014	LF >8" To 12" Square Column Wood Formwork.....	68.93	
03 11 13 00-0015	LF >12" To 18" Square Column Wood Formwork.....	86.74	
03 11 13 00-0016	LF >18" To 24" Square Column Wood Formwork.....	124.82	
03 11 13 00-0017	LF >24" To 36" Square Column Wood Formwork.....	179.21	
03 11 13 00-0018	LF >36" To 48" Square Column Wood Formwork.....	237.11	
03 11 13 00-0019	Above Grade Wall Wood Formwork <small>(03 11 13 00-0001)</small>		
03 11 13 00-0020	SF Up To 8' High Above Grade Wall Wood Formwork.....	14.54	
	<i>For Curved Formwork, Add</i>	5.45	
	<i>For <1,000, Add</i>	2.79	
03 11 13 00-0021	SF >8' High Above Grade Wall Wood Formwork.....	17.23	
	<i>For Curved Formwork, Add</i>	6.46	
	<i>For <1,000, Add</i>	3.30	
03 11 13 00-0022	Elevated Beam Wood Formwork <small>(03 11 13 00-0001)</small> Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0023	SF Bottom of Elevated Beam Wood Formwork.....	19.25	
	<i>For Curved Formwork, Add</i>	7.12	
	<i>For <1,000, Add</i>	3.66	
03 11 13 00-0024	SF Vertical Sides of Elevated Beam Wood Formwork.....	12.06	
	<i>For Curved Formwork, Add</i>	4.53	
	<i>For <1,000, Add</i>	2.32	
03 11 13 00-0025	Elevated Slab Wood Formwork <small>(03 11 13 00-0001)</small> Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		
03 11 13 00-0026	SF Elevated Slab Wood Formwork.....	11.31	
	<i>For <1,000, Add</i>	2.09	
03 11 13 00-0027	Metal Framed Formwork <small>(03 11 13)</small> Note: For all metal framed and metal form systems. Includes erecting, stripping, stacking, oiling, studs/walers, strongbacks, deadmen, supporting braces, turnbuckles, ties, and clips.		
03 11 13 00-0028	Foundation Metal Framed Formwork <small>(03 11 13 00-0027)</small> Note: For foundation work below or at grade.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0029 SF Continuous Footings Foundation Metal Framed Formwork .....7.55 <i>For <1,000, Add</i> 1.39 <i>For Foundations >8' Below Grade, Add</i> 1.32 <i>For Curved Formwork, Add</i> 2.65		
03 11 13 00-0030 SF Pile Cap, Pier Or Spread Footings Foundation Metal Framed Formwork .....8.37 <i>For <1,000, Add</i> 1.55 <i>For Foundations >8' Below Grade, Add</i> 1.49 <i>For Curved Formwork, Add</i> 2.97		
03 11 13 00-0031 SF Mat Foundation Metal Framed Formwork .....9.37 <i>For <1,000, Add</i> 1.72 <i>For Foundations >8' Below Grade, Add</i> 1.64 <i>For Curved Formwork, Add</i> 3.27		
03 11 13 00-0032 SF Grade Beams Or Duct Bank Foundation Metal Framed Formwork .....7.91 <i>For <1,000, Add</i> 1.45 <i>For Foundations >8' Below Grade, Add</i> 1.38 <i>For Curved Formwork, Add</i> 2.76		
03 11 13 00-0033 SF Below Grade Walls Foundation Metal Framed Formwork .....12.04 <i>Note: Excludes footing.</i> <i>For <1,000, Add</i> 2.24 <i>For Foundations >8' Below Grade, Add</i> 2.15 <i>For Curved Formwork, Add</i> 4.31		
03 11 13 00-0034 Slab Edge And Block-Out Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0035 LF Up To 6" High Slab Edge and Block-Out Metal Framed Formwork .....5.39 <i>For Foundations >8' Below Grade, Add</i> 1.05 <i>For Curved Formwork, Add</i> 2.10 <i>For <250, Add</i> 1.06		
03 11 13 00-0036 LF >6" To 12" High Slab Edge and Block-Out Metal Framed Formwork .....6.74 <i>For Foundations >8' Below Grade, Add</i> 1.30 <i>For Curved Formwork, Add</i> 2.61 <i>For <250, Add</i> 1.32		
03 11 13 00-0037 SF >12" High Slab Edge and Block-Out Metal Framed Formwork .....7.47 <i>For Foundations >8' Below Grade, Add</i> 1.44 <i>For Curved Formwork, Add</i> 2.88 <i>For <1,000, Add</i> 1.46		
03 11 13 00-0038 Column Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0039 Square Columns (03 11 13 00-0038)		
03 11 13 00-0040 LF Up To 12" Square Column Metal Framed Formwork .....46.14		
03 11 13 00-0041 LF >12" To 16" Square Column Metal Framed Formwork .....55.78		
03 11 13 00-0042 LF >16" To 20" Square Column Metal Framed Formwork .....65.43		
03 11 13 00-0043 LF >20" To 24" Square Column Metal Framed Formwork .....78.18		
03 11 13 00-0044 LF >24" To 30" Square Column Metal Framed Formwork .....94.19		
03 11 13 00-0045 LF >30" To 36" Square Column Metal Framed Formwork .....113.10		
03 11 13 00-0046 LF >36" To 48" Square Column Metal Framed Formwork .....145.13		
03 11 13 00-0047 LF >48" To 60" Square Column Metal Framed Formwork .....179.01		
03 11 13 00-0048 Round Columns (03 11 13 00-0038)		
03 11 13 00-0049 LF Up To 12" Diameter Column Metal Formwork .....45.61		
03 11 13 00-0050 LF >12" To 16" Diameter Column Metal Formwork .....50.72		
03 11 13 00-0051 LF >16" To 20" Diameter Column Metal Formwork .....58.19		
03 11 13 00-0052 LF >20" To 24" Diameter Column Metal Formwork .....67.80		
03 11 13 00-0053 LF >24" To 30" Diameter Column Metal Formwork .....80.03		
03 11 13 00-0054 LF >30" To 36" Diameter Column Metal Formwork .....91.64		
03 11 13 00-0055 LF >36" To 48" Diameter Column Metal Formwork .....118.89		
03 11 13 00-0056 LF >48" To 60" Diameter Column Metal Formwork .....155.39		
03 11 13 00-0057 Above Grade Wall Metal Framed Formwork (03 11 13 00-0027)		
03 11 13 00-0058 SF Up to 8' High Above Grade Wall Metal Framed Formwork .....7.42 <i>For Curved Formwork, Add</i> 2.46 <i>For <1,000, Add</i> 1.32		
03 11 13 00-0059 SF >8' High Above Grade Wall Metal Framed Formwork .....9.05 <i>For Curved Formwork, Add</i> 2.96 <i>For <1,000, Add</i> 1.59		
03 11 13 00-0060 Elevated Beam Metal Framed Formwork (03 11 13 00-0027)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated beam.		
03 11 13 00-0061 SF Bottom of Elevated Beam Metal Framed Formwork .....7.48 <i>For Curved Formwork, Add</i> 2.31 <i>For <1,000, Add</i> 1.27		
03 11 13 00-0062 SF Vertical Sides of Elevated Beam Metal Framed Formwork .....5.53 <i>For Curved Formwork, Add</i> 1.80 <i>For <1,000, Add</i> 0.97		
03 11 13 00-0063 Elevated Slab Metal Framed Formwork (03 11 13 00-0027)		
Note: Includes adjustable shores and column supports and bracing lumber up to 14' for bottom of elevated slab.		

03 Concrete**03 10 Concrete Forming and Accessories****03 11 Concrete Forming**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 11 13 00-0064	SF	Elevated Slab Metal Framed Formwork <i>For <1,000, Add</i>	10.39 1.56	
03 11 13 00-0065		Fiber Tube Formwork <small>(03 11 13)</small> Note: Includes all supporting braces, erecting, aligning, stripping, turnbuckles, ties and clips.		
03 11 13 00-0066		Round Column Fiber Tube Formwork <small>(03 11 13 00-0065)</small>		
03 11 13 00-0067	LF	6" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	18.99 0.71 1.90	
03 11 13 00-0068	LF	8" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	20.05 0.84 2.01	
03 11 13 00-0069	LF	10" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	22.29 1.01 2.23	
03 11 13 00-0070	LF	12" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	27.49 1.79 2.75	
03 11 13 00-0071	LF	14" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	30.85 2.27 3.09	
03 11 13 00-0072	LF	16" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	33.54 2.83 3.35	
03 11 13 00-0073	LF	18" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	36.07 3.30 3.61	
03 11 13 00-0074	LF	20" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	40.96 4.49 4.10	
03 11 13 00-0075	LF	22" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	42.87 4.67 4.29	
03 11 13 00-0076	LF	24" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	45.03 4.93 4.50	
03 11 13 00-0077	LF	26" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	46.84 5.32 4.68	
03 11 13 00-0078	LF	28" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	48.66 5.71 4.87	
03 11 13 00-0079	LF	30" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	50.48 6.10 5.05	
03 11 13 00-0080	LF	36" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	58.18 7.85 5.82	
03 11 13 00-0081	LF	42" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	90.71 17.20 9.07	
03 11 13 00-0082	LF	48" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	110.19 22.64 11.02	
03 11 13 00-0083	LF	54" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	197.32 48.12 19.73	
03 11 13 00-0084	LF	60" Diameter Round Fiber Tube Formwork <i>For Plastic Lined, Add</i> <i>For Columns >12' In Length, Add</i>	219.62 54.31 21.96	
03 11 13 00-0085		Accessories For Formwork <small>(03 11 13)</small>		
03 11 13 00-0086		Keyway Forms, All Materials <small>(03 11 13 00-0085)</small>		
03 11 13 00-0087	LF	2" x 4" To 2" x 6" Keyway Forms for Concrete Formwork, All Materials	2.26	
03 11 13 00-0088		Chamfer Strips, All Materials <small>(03 11 13 00-0085)</small>		
03 11 13 00-0089	LF	1/2" Wide Chamfer Strips for Concrete Formwork, All Materials	2.39	
03 11 13 00-0090	LF	3/4" Wide Chamfer Strips for Concrete Formwork, All Materials	2.76	
03 11 13 00-0091	LF	1" Wide Chamfer Strips for Concrete Formwork, All Materials	3.20	
03 11 13 00-0092		Strip Out Reglets For Concrete Formwork <small>(03 11 13 00-0085)</small>		
03 11 13 00-0093	LF	24 To 26 Gauge Galvanized Steel, Strip Out Reglets For Concrete Formwork	12.23	
03 11 13 00-0094		Sleeves And Chases, Plastic Or Sheet Metal <small>(03 11 13 00-0085)</small>		
03 11 13 00-0095	EA	2" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	16.77	
03 11 13 00-0096	EA	4" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	21.76	
03 11 13 00-0097	EA	6" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	26.47	
03 11 13 00-0098	EA	8" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	32.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 11 13 00-0099 EA 12" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	42.98	
03 11 13 00-0100 EA 18" Diameter Sleeves Or Chases for Concrete Formwork, Plastic or Sheet Metal	115.85	
03 11 16 Architectural Cast-In-Place Concrete Forming (03 11)		
03 11 16 13 Concrete Form Liners (03 11 16)		
03 11 16 13-0001 Concrete Form Liners (03 11 16 13)		
03 11 16 13-0002 SF Various Patterns And Textures, 1 Use, Concrete Form Liner, Add To Formwork	5.47	
03 11 16 13-0003 SF Beveled Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	7.39	
03 11 16 13-0004 SF Square Edge, Rusticated Concrete Finish, 1 Use, Concrete Form Liner, Add To Formwork	9.72	
03 11 23 Permanent Stair Forming (03 11)		
03 11 23 00-0001 Stairway Wood Formwork (03 11 23)		
03 11 23 00-0002 SF Cast On Grade Stairway Wood Formwork	18.63	
<i>For Curved Formwork, Add</i>	7.21	
<i>For <1,000, Add</i>	3.65	
03 11 23 00-0003 SF Elevated Stairway Wood Formwork	36.89	
<i>Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.</i>		
<i>For Curved Formwork, Add</i>	14.10	
<i>For <1,000, Add</i>	7.16	
03 11 23 00-0004 Stairway Metal Framed Formwork (03 11 23)		
03 11 23 00-0005 SF Cast On Grade Stairway Metal Framed Formwork	15.71	
<i>For Curved Formwork, Add</i>	5.94	
<i>For <1,000, Add</i>	3.03	
03 11 23 00-0006 SF Elevated Stairway Metal Framed Formwork	29.16	
<i>Note: Includes adjustable column supports and bracing lumber up to 14' for bottom of elevated stair.</i>		
<i>For Curved Formwork, Add</i>	11.03	
<i>For <1,000, Add</i>	5.62	
03 15 Concrete Accessories (03 10)		
03 15 13 Waterstops (03 15)		
03 15 13 13 Non-Expanding Waterstops (03 15 13)		
03 15 13 13-0001 Polyvinyl Chloride (PVC) Waterstops (03 15 13 13)		
03 15 13 13-0002 LF 3/16" Thick x 4" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	10.85	
03 15 13 13-0003 LF 3/16" Thick x 6" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	12.67	
03 15 13 13-0004 LF 3/16" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	16.38	
03 15 13 13-0005 LF 3/8" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop With Center Bulb	18.54	
03 15 13 13-0006 LF 1/2" Thick x 9" Wide Ribbed Polyvinyl Chloride (PVC) Waterstop	32.72	
03 15 13 13-0007 LF 3/16" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	14.60	
03 15 13 13-0008 LF 3/8" Thick x 6" Wide Dumbbell Polyvinyl Chloride (PVC) Waterstop	17.45	
03 15 13 13-0009 LF 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop	36.64	
03 15 13 13-0010 LF 3/8" Thick x 9" Wide Plain Polyvinyl Chloride (PVC) Waterstop With Center Bulb	26.89	
03 15 13 13-0011 Rubber Waterstops (03 15 13 13)		
03 15 13 13-0012 LF 3/8" Thick x 6" Wide Rubber Dumbbell Waterstop	10.15	
03 15 13 13-0013 LF 3/8" Thick x 9" Wide Rubber Dumbbell Waterstop	11.67	
03 15 13 13-0014 LF 1/4" Thick x 6" Wide Rubber Waterstop, With Center Bulb	10.67	
03 15 13 13-0015 LF 1/4" Thick x 9" Wide Rubber Waterstop, With Center Bulb	14.68	
03 15 13 13-0016 LF 3/8" Thick x 6" Wide Rubber Waterstop, With Center Bulb	12.12	
03 15 13 13-0017 LF 3/8" Thick x 9" Wide Rubber Waterstop, With Center Bulb	15.56	
03 15 13 16 Expanding Waterstops (03 15 13)		
03 15 13 16-0001 Bentonite Waterstops (03 15 13 16)		
03 15 13 16-0002 LF 3/4" x 3/8" Bentonite Waterstop	10.54	
03 15 13 16-0003 LF 1-1/4" x 1/2" Bentonite Waterstop	17.63	
03 15 13 16-0004 LF 1" x 3/4" Bentonite Waterstop	20.18	
03 15 13 16-0005 LF 1" x 1" Bentonite Waterstop	23.64	
03 15 16 Concrete Construction Joints (03 15)		
03 15 16 00-0001 Poured Expansion Joint (03 15 16)		
03 15 16 00-0002 LF 1/2" x 1" Plain Asphalt Expansion Joint, Poured	3.06	0.82
<i>For Installation In Walls, Add</i>	1.37	
03 15 16 00-0003 LF 1" x 2" Plain Asphalt Expansion Joint, Poured	7.03	0.82
<i>For Installation In Walls, Add</i>	1.55	
03 15 16 00-0004 LF 1/2" x 1" Liquid Neoprene Expansion Joint, Poured, Cold Applied	2.93	0.82
<i>For Installation In Walls, Add</i>	1.37	
03 15 16 00-0005 LF 1" x 2" Liquid Neoprene Expansion Joint, Poured, Cold Applied	6.48	0.82
<i>For Installation In Walls, Add</i>	1.55	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0006	LF		1/2" x 1" Polyurethane Expansion Joint, Poured, 2 Parts <i>For Installation In Walls, Add</i>	4.10 1.55	0.82
03 15 16 00-0007	LF		1" x 2" Polyurethane Expansion Joint, Poured, 2 Parts <i>For Installation In Walls, Add</i>	7.39 2.50	0.82
03 15 16 00-0008	LF		1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Or Cold Applied <i>For Installation In Walls, Add</i>	3.42 1.37	0.82
03 15 16 00-0009	LF		1/2" x 1" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant <i>For Installation In Walls, Add</i>	4.24 1.37	0.82
03 15 16 00-0010	LF		1" x 2" Rubberized Asphalt Expansion Joint, Poured, Hot Applied Fuel Resistant <i>For Installation In Walls, Add</i>	11.27 1.55	0.82
03 15 16 00-0011			Premolded Expansion Joints (03 15 16)		
03 15 16 00-0012			Asphalt Saturated Fiber, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0013	LF		1/4" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.48	1.15
03 15 16 00-0014	LF		1/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.86	1.20
03 15 16 00-0015	LF		1/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.09	1.26
03 15 16 00-0016	LF		1/4" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.33	1.32
03 15 16 00-0017	LF		3/8" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.72	1.15
03 15 16 00-0018	LF		3/8" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	3.04	1.20
03 15 16 00-0019	LF		3/8" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.44	1.26
03 15 16 00-0020	LF		3/8" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.99	1.32
03 15 16 00-0021	LF		1/2" x 2" Asphalt Saturated Fiber, Premolded Expansion Joint	2.46	1.09
03 15 16 00-0022	LF		1/2" x 3" Asphalt Saturated Fiber, Premolded Expansion Joint	2.68	1.15
03 15 16 00-0023	LF		1/2" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.95	1.20
03 15 16 00-0024	LF		1/2" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.18	1.26
03 15 16 00-0025	LF		1/2" x 6" Asphalt Saturated Fiber, Premolded Expansion Joint	3.45	1.32
03 15 16 00-0026	LF		1/2" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	3.84	1.37
03 15 16 00-0027	LF		1/2" x 10" Asphalt Saturated Fiber, Premolded Expansion Joint	4.14	1.43
03 15 16 00-0028	LF		1/2" x 12" Asphalt Saturated Fiber, Premolded Expansion Joint	4.66	1.49
03 15 16 00-0029	LF		3/4" x 4" Asphalt Saturated Fiber, Premolded Expansion Joint	2.97	1.20
03 15 16 00-0030	LF		3/4" x 5" Asphalt Saturated Fiber, Premolded Expansion Joint	3.42	1.26
03 15 16 00-0031	LF		3/4" x 8" Asphalt Saturated Fiber, Premolded Expansion Joint	4.19	1.37
03 15 16 00-0032	SF		1" Asphalt Saturated Fiber, Premolded Expansion Joint	7.31	1.88
03 15 16 00-0033			Cork, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0034	LF		1/2" x 4" Cork, Premolded Expansion Joint	4.31	1.20
03 15 16 00-0035	LF		1/2" x 6" Cork, Premolded Expansion Joint	4.85	1.32
03 15 16 00-0036	LF		1/2" x 8" Cork, Premolded Expansion Joint	5.27	1.37
03 15 16 00-0037	LF		1/2" x 10" Cork, Premolded Expansion Joint	7.44	1.43
03 15 16 00-0038	LF		1/2" x 12" Cork, Premolded Expansion Joint	7.92	1.49
03 15 16 00-0039	SF		1/2" Cork, Premolded Expansion Joint	8.73	1.88
03 15 16 00-0040	SF		3/4" Cork, Premolded Expansion Joint	10.15	1.88
03 15 16 00-0041	SF		1" Cork, Premolded Expansion Joint	10.80	1.88
03 15 16 00-0042			Flexible Polyethylene Foam, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0043	LF		1/4" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.70	1.20
03 15 16 00-0044	LF		1/4" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.82	1.26
03 15 16 00-0045	LF		1/4" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	2.97	1.32
03 15 16 00-0046	LF		1/4" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.46	1.37
03 15 16 00-0047	LF		1/2" x 4" Flexible Polyethylene Foam, Premolded Expansion Joint	2.78	1.20
03 15 16 00-0048	LF		1/2" x 5" Flexible Polyethylene Foam, Premolded Expansion Joint	2.91	1.26
03 15 16 00-0049	LF		1/2" x 6" Flexible Polyethylene Foam, Premolded Expansion Joint	3.03	1.32
03 15 16 00-0050	LF		1/2" x 8" Flexible Polyethylene Foam, Premolded Expansion Joint	3.33	1.37
03 15 16 00-0051			Zip Strip, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0052	LF		1" Zip Strip, Premolded Expansion Joint.....	2.73	1.20
03 15 16 00-0053	LF		1-1/2" Zip Strip, Premolded Expansion Joint	2.99	1.26
03 15 16 00-0054	LF		2" Zip Strip, Premolded Expansion Joint.....	3.32	1.37
03 15 16 00-0055			Sponge Rubber, Premolded Expansion Joints (03 15 16 00-0011)		
03 15 16 00-0056	LF		1/2" x 4" Sponge Rubber, Premolded Expansion Joint.....	4.72	1.15
03 15 16 00-0057	LF		1/2" x 6" Sponge Rubber, Premolded Expansion Joint.....	5.67	1.15
03 15 16 00-0058			Asphalt Felt Control Joints Or Bond Breaker (03 15 16)		
03 15 16 00-0059	SF		Asphalt Felt Control Joint, 30 LB Felt Bond Breaker..... >1,250, Deduct	1.31 -0.07	0.86
03 15 16 00-0060	SF		Asphalt Felt Control Joint, 15 LB Felt Bond Breaker..... >1,250, Deduct	1.23 -0.06	0.86
03 15 16 00-0061			Keyed Cold Expansion And Control Joints (03 15 16)		
03 15 16 00-0062			24 Gauge Galvanized Steel With Stakes (03 15 16 00-0061)		
03 15 16 00-0063	LF		24 Gauge Galvanized Steel Keyed Joint, 3-1/2" Cold Expansion Or Control Joint	6.39	
03 15 16 00-0064	LF		24 Gauge Galvanized Steel Keyed Joint, 4-1/2" Cold Expansion Or Control Joint	6.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 16 00-0065 LF 24 Gauge Galvanized Steel Keyed Joint, 5-1/2" Cold Expansion Or Control Joint.....	6.70	
03 15 16 00-0066 LF 24 Gauge Galvanized Steel Keyed Joint, 7-1/2" Cold Expansion Or Control Joint.....	7.07	
03 15 16 00-0067 LF 24 Gauge Galvanized Steel Keyed Joint, 9-1/2" Cold Expansion Or Control Joint.....	8.61	
03 15 19 Cast-In Concrete Anchors (03 15)		
03 15 19 00-0001 Cast In Place Anchors (03 15 19)		
Note: For cast in place installations. Includes nut and washer.		
03 15 19 00-0002 J-Type Anchor Bolts (03 15 19 00-0001)		
See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0003 1/2" And 5/8" Diameter (03 15 19 00-0002)		
03 15 19 00-0004 EA 1/2" Diameter x 6" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	13.43	
For Galvanized, Add	3.47	
For Stainless Steel, Add	24.29	
For >10 To 50, Deduct	-0.32	
For >50 To 100, Deduct	-0.82	
For >100, Deduct	-1.65	
03 15 19 00-0005 EA 1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	15.84	
For Galvanized, Add	4.42	
For Stainless Steel, Add	30.94	
For >10 To 50, Deduct	-0.35	
For >50 To 100, Deduct	-0.92	
For >100, Deduct	-1.84	
03 15 19 00-0006 EA 1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	19.76	
For Galvanized, Add	6.09	
For Stainless Steel, Add	42.63	
For >10 To 50, Deduct	-0.38	
For >50 To 100, Deduct	-1.06	
For >100, Deduct	-2.13	
03 15 19 00-0007 EA 5/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	23.49	
For Galvanized, Add	7.96	
For Stainless Steel, Add	55.69	
For >10 To 50, Deduct	-0.38	
For >50 To 100, Deduct	-1.16	
For >100, Deduct	-2.31	
03 15 19 00-0008 EA 5/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	29.51	
For Galvanized, Add	10.62	
For Stainless Steel, Add	74.34	
For >10 To 50, Deduct	-0.41	
For >50 To 100, Deduct	-1.36	
For >100, Deduct	-2.72	
03 15 19 00-0009 EA 5/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	33.36	
For Galvanized, Add	12.14	
For Stainless Steel, Add	84.95	
For >10 To 50, Deduct	-0.45	
For >50 To 100, Deduct	-1.52	
For >100, Deduct	-3.03	
03 15 19 00-0010 3/4" And 7/8" Diameter (03 15 19 00-0002)		
03 15 19 00-0011 EA 3/4" Diameter x 8" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	33.19	
For Galvanized, Add	12.05	
For Stainless Steel, Add	84.35	
For >10 To 50, Deduct	-0.45	
For >50 To 100, Deduct	-1.51	
For >100, Deduct	-3.02	
03 15 19 00-0012 EA 3/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	38.20	
For Galvanized, Add	14.05	
For Stainless Steel, Add	98.32	
For >10 To 50, Deduct	-0.51	
For >50 To 100, Deduct	-1.71	
For >100, Deduct	-3.43	
03 15 19 00-0013 EA 3/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	47.35	
For Galvanized, Add	17.99	
For Stainless Steel, Add	125.93	
For >10 To 50, Deduct	-0.57	
For >50 To 100, Deduct	-2.04	
For >100, Deduct	-4.07	
03 15 19 00-0014 EA 3/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	58.08	
For Galvanized, Add	22.67	
For Stainless Steel, Add	158.69	
For >10 To 50, Deduct	-0.64	
For >50 To 100, Deduct	-2.41	
For >100, Deduct	-4.82	
03 15 19 00-0015 EA 7/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	44.31	
For Galvanized, Add	16.47	
For Stainless Steel, Add	115.29	
For >10 To 50, Deduct	-0.57	
For >50 To 100, Deduct	-1.96	
For >100, Deduct	-3.92	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0016	EA 7/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	52.43	
	For Galvanized, Add	19.72	
	For Stainless Steel, Add	138.04	
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-2.29	
	For >100, Deduct	-4.57	
03 15 19 00-0017	EA 7/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	67.73	
	For Galvanized, Add	26.29	
	For Stainless Steel, Add	184.03	
	For >10 To 50, Deduct	-0.76	
	For >50 To 100, Deduct	-2.83	
	For >100, Deduct	-5.66	
03 15 19 00-0018	1" And 1-1/8" Diameter (03 15 19 00-0002)		
03 15 19 00-0019	EA 1" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	55.60	
	For Galvanized, Add	21.31	
	For Stainless Steel, Add	149.14	
	For >10 To 50, Deduct	-0.65	
	For >50 To 100, Deduct	-2.36	
	For >100, Deduct	-4.73	
03 15 19 00-0020	EA 1" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	66.43	
	For Galvanized, Add	25.64	
	For Stainless Steel, Add	179.48	
	For >10 To 50, Deduct	-0.76	
	For >50 To 100, Deduct	-2.80	
	For >100, Deduct	-5.59	
03 15 19 00-0021	EA 1" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	82.46	
	For Galvanized, Add	32.14	
	For Stainless Steel, Add	224.98	
	For >10 To 50, Deduct	-0.91	
	For >50 To 100, Deduct	-3.43	
	For >100, Deduct	-6.85	
03 15 19 00-0022	EA 1" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	101.27	
	For Galvanized, Add	39.27	
	For Stainless Steel, Add	274.89	
	For >10 To 50, Deduct	-1.14	
	For >50 To 100, Deduct	-4.24	
	For >100, Deduct	-8.47	
03 15 19 00-0023	EA 1-1/8" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	67.53	
	For Galvanized, Add	26.64	
	For Stainless Steel, Add	186.45	
	For >10 To 50, Deduct	-0.71	
	For >50 To 100, Deduct	-2.76	
	For >100, Deduct	-5.52	
03 15 19 00-0024	EA 1-1/8" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	80.74	
	For Galvanized, Add	32.06	
	For Stainless Steel, Add	224.39	
	For >10 To 50, Deduct	-0.83	
	For >50 To 100, Deduct	-3.27	
	For >100, Deduct	-6.53	
03 15 19 00-0025	EA 1-1/8" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	100.33	
	For Galvanized, Add	40.18	
	For Stainless Steel, Add	281.26	
	For >10 To 50, Deduct	-1.00	
	For >50 To 100, Deduct	-4.01	
	For >100, Deduct	-8.01	
03 15 19 00-0026	EA 1-1/8" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	123.14	
	For Galvanized, Add	49.09	
	For Stainless Steel, Add	343.63	
	For >10 To 50, Deduct	-1.25	
	For >50 To 100, Deduct	-4.95	
	For >100, Deduct	-9.90	
03 15 19 00-0027	1-1/4" And 1-1/2" Diameter (03 15 19 00-0002)		
03 15 19 00-0028	EA 1-1/4" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	82.38	
	For Galvanized, Add	33.29	
	For Stainless Steel, Add	233.03	
	For >10 To 50, Deduct	-0.79	
	For >50 To 100, Deduct	-3.24	
	For >100, Deduct	-6.49	
03 15 19 00-0029	EA 1-1/4" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	98.57	
	For Galvanized, Add	40.08	
	For Stainless Steel, Add	280.53	
	For >10 To 50, Deduct	-0.92	
	For >50 To 100, Deduct	-3.85	
	For >100, Deduct	-7.69	
03 15 19 00-0030	EA 1-1/4" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	122.60	
	For Galvanized, Add	50.24	
	For Stainless Steel, Add	351.68	
	For >10 To 50, Deduct	-1.11	
	For >50 To 100, Deduct	-4.72	
	For >100, Deduct	-9.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0031 EA 1-1/4" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	150.35	
For Galvanized, Add	61.36	
For Stainless Steel, Add	429.49	
For >10 To 50, Deduct	-1.38	
For >50 To 100, Deduct	-5.83	
For >100, Deduct	-11.66	
03 15 19 00-0032 EA 1-1/2" Diameter x 12" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	100.94	
For Galvanized, Add	41.61	
For Stainless Steel, Add	291.27	
For >10 To 50, Deduct	-0.89	
For >50 To 100, Deduct	-3.85	
For >100, Deduct	-7.71	
03 15 19 00-0033 EA 1-1/2" Diameter x 18" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	120.84	
For Galvanized, Add	50.09	
For Stainless Steel, Add	350.60	
For >10 To 50, Deduct	-1.03	
For >50 To 100, Deduct	-4.57	
For >100, Deduct	-9.14	
03 15 19 00-0034 EA 1-1/2" Diameter x 24" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	150.43	
For Galvanized, Add	62.81	
For Stainless Steel, Add	439.67	
For >10 To 50, Deduct	-1.24	
For >50 To 100, Deduct	-5.62	
For >100, Deduct	-11.24	
03 15 19 00-0035 EA 1-1/2" Diameter x 36" Length, Plain Steel, J-Type Cast In Place Anchor Bolt	184.40	
For Galvanized, Add	76.70	
For Stainless Steel, Add	536.90	
For >10 To 50, Deduct	-1.55	
For >50 To 100, Deduct	-6.94	
For >100, Deduct	-13.87	
03 15 19 00-0036 L-Type Anchor Bolts <small>(03 15 19 00-0001)</small>		
See CSI section 03 11 13 00-0002 for template.		
03 15 19 00-0037 3/4" And 7/8" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0038 EA 3/4" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	28.53	
For Galvanized, Add	9.21	
For Stainless Steel, Add	64.47	
For >10 To 50, Deduct	-0.51	
For >50 To 100, Deduct	-1.47	
For >100, Deduct	-2.94	
03 15 19 00-0039 EA 3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.13	
For Galvanized, Add	11.38	
For Stainless Steel, Add	79.66	
For >10 To 50, Deduct	-0.57	
For >50 To 100, Deduct	-1.71	
For >100, Deduct	-3.41	
03 15 19 00-0040 EA 3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.08	
For Galvanized, Add	13.05	
For Stainless Steel, Add	91.32	
For >10 To 50, Deduct	-0.65	
For >50 To 100, Deduct	-1.95	
For >100, Deduct	-3.90	
03 15 19 00-0041 EA 3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.24	
For Galvanized, Add	13.55	
For Stainless Steel, Add	94.82	
For >10 To 50, Deduct	-0.76	
For >50 To 100, Deduct	-2.19	
For >100, Deduct	-4.38	
03 15 19 00-0042 EA 3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	46.62	
For Galvanized, Add	14.22	
For Stainless Steel, Add	99.54	
For >10 To 50, Deduct	-0.91	
For >50 To 100, Deduct	-2.53	
For >100, Deduct	-5.06	
03 15 19 00-0043 EA 7/8" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	34.21	
For Galvanized, Add	11.42	
For Stainless Steel, Add	79.94	
For >10 To 50, Deduct	-0.57	
For >50 To 100, Deduct	-1.71	
For >100, Deduct	-3.42	
03 15 19 00-0044 EA 7/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	39.60	
For Galvanized, Add	13.31	
For Stainless Steel, Add	93.14	
For >10 To 50, Deduct	-0.65	
For >50 To 100, Deduct	-1.96	
For >100, Deduct	-3.93	
03 15 19 00-0045 EA 7/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	45.67	
For Galvanized, Add	15.26	
For Stainless Steel, Add	106.82	
For >10 To 50, Deduct	-0.76	
For >50 To 100, Deduct	-2.28	
For >100, Deduct	-4.56	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0046	EA		7/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	49.87	
			<i>For Galvanized, Add</i>	15.85	
			<i>For Stainless Steel, Add</i>	110.92	
			<i>For >10 To 50, Deduct</i>	-0.91	
			<i>For >50 To 100, Deduct</i>	-2.61	
			<i>For >100, Deduct</i>	-5.22	
03 15 19 00-0047	EA		7/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	56.02	
			<i>For Galvanized, Add</i>	16.65	
			<i>For Stainless Steel, Add</i>	116.52	
			<i>For >10 To 50, Deduct</i>	-1.14	
			<i>For >50 To 100, Deduct</i>	-3.11	
			<i>For >100, Deduct</i>	-6.21	
03 15 19 00-0048			1" And 1-1/8" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0049	EA		1" Diameter x 12" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	42.29	
			<i>For Galvanized, Add</i>	14.65	
			<i>For Stainless Steel, Add</i>	102.55	
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100, Deduct</i>	-4.06	
03 15 19 00-0050	EA		1" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	48.09	
			<i>For Galvanized, Add</i>	16.47	
			<i>For Stainless Steel, Add</i>	115.29	
			<i>For >10 To 50, Deduct</i>	-0.76	
			<i>For >50 To 100, Deduct</i>	-2.34	
			<i>For >100, Deduct</i>	-4.68	
03 15 19 00-0051	EA		1" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	55.02	
			<i>For Galvanized, Add</i>	18.42	
			<i>For Stainless Steel, Add</i>	128.94	
			<i>For >10 To 50, Deduct</i>	-0.91	
			<i>For >50 To 100, Deduct</i>	-2.74	
			<i>For >100, Deduct</i>	-5.48	
03 15 19 00-0052	EA		1" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	58.35	
			<i>For Galvanized, Add</i>	19.29	
			<i>For Stainless Steel, Add</i>	135.03	
			<i>For >10 To 50, Deduct</i>	-0.99	
			<i>For >50 To 100, Deduct</i>	-2.94	
			<i>For >100, Deduct</i>	-5.88	
03 15 19 00-0053	EA		1" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	63.13	
			<i>For Galvanized, Add</i>	20.20	
			<i>For Stainless Steel, Add</i>	141.40	
			<i>For >10 To 50, Deduct</i>	-1.14	
			<i>For >50 To 100, Deduct</i>	-3.28	
			<i>For >100, Deduct</i>	-6.57	
03 15 19 00-0054	EA		1" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	72.07	
			<i>For Galvanized, Add</i>	23.41	
			<i>For Stainless Steel, Add</i>	163.84	
			<i>For >10 To 50, Deduct</i>	-1.26	
			<i>For >50 To 100, Deduct</i>	-3.70	
			<i>For >100, Deduct</i>	-7.39	
03 15 19 00-0055	EA		1" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	85.10	
			<i>For Galvanized, Add</i>	27.40	
			<i>For Stainless Steel, Add</i>	191.77	
			<i>For >10 To 50, Deduct</i>	-1.52	
			<i>For >50 To 100, Deduct</i>	-4.40	
			<i>For >100, Deduct</i>	-8.80	
03 15 19 00-0056	EA		1-1/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	53.68	
			<i>For Galvanized, Add</i>	19.27	
			<i>For Stainless Steel, Add</i>	134.86	
			<i>For >10 To 50, Deduct</i>	-0.76	
			<i>For >50 To 100, Deduct</i>	-2.48	
			<i>For >100, Deduct</i>	-4.96	
03 15 19 00-0057	EA		1-1/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	61.31	
			<i>For Galvanized, Add</i>	21.57	
			<i>For Stainless Steel, Add</i>	150.96	
			<i>For >10 To 50, Deduct</i>	-0.91	
			<i>For >50 To 100, Deduct</i>	-2.90	
			<i>For >100, Deduct</i>	-5.79	
03 15 19 00-0058	EA		1-1/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	64.89	
			<i>For Galvanized, Add</i>	22.56	
			<i>For Stainless Steel, Add</i>	157.92	
			<i>For >10 To 50, Deduct</i>	-0.99	
			<i>For >50 To 100, Deduct</i>	-3.11	
			<i>For >100, Deduct</i>	-6.21	
03 15 19 00-0059			1-1/4" And 1-3/8" Diameter <small>(03 15 19 00-0036)</small>		
03 15 19 00-0060	EA		1-1/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt	64.78	
			<i>For Galvanized, Add</i>	23.30	
			<i>For Stainless Steel, Add</i>	163.10	
			<i>For >10 To 50, Deduct</i>	-0.91	
			<i>For >50 To 100, Deduct</i>	-2.98	
			<i>For >100, Deduct</i>	-5.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0061 EA 1-1/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	77.26	
For Galvanized, Add	27.27	
For Stainless Steel, Add	190.86	
For >10 To 50, Deduct	-1.14	
For >50 To 100, Deduct	-3.64	
For >100, Deduct	-7.27	
03 15 19 00-0062 EA 1-1/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	85.70	
For Galvanized, Add	30.89	
For Stainless Steel, Add	216.20	
For >10 To 50, Deduct	-1.20	
For >50 To 100, Deduct	-3.94	
For >100, Deduct	-7.87	
03 15 19 00-0063 EA 1-1/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	95.00	
For Galvanized, Add	34.87	
For Stainless Steel, Add	244.09	
For >10 To 50, Deduct	-1.26	
For >50 To 100, Deduct	-4.27	
For >100, Deduct	-8.54	
03 15 19 00-0064 EA 1-1/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	104.28	
For Galvanized, Add	37.93	
For Stainless Steel, Add	265.51	
For >10 To 50, Deduct	-1.42	
For >50 To 100, Deduct	-4.74	
For >100, Deduct	-9.48	
03 15 19 00-0065 EA 1-1/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	113.71	
For Galvanized, Add	40.62	
For Stainless Steel, Add	284.31	
For >10 To 50, Deduct	-1.62	
For >50 To 100, Deduct	-5.28	
For >100, Deduct	-10.56	
03 15 19 00-0066 EA 1-1/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	124.84	
For Galvanized, Add	43.48	
For Stainless Steel, Add	304.33	
For >10 To 50, Deduct	-1.89	
For >50 To 100, Deduct	-5.96	
For >100, Deduct	-11.93	
03 15 19 00-0067 EA 1-1/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	141.61	
For Galvanized, Add	48.07	
For Stainless Steel, Add	336.49	
For >10 To 50, Deduct	-2.27	
For >50 To 100, Deduct	-6.95	
For >100, Deduct	-13.90	
03 15 19 00-0068 EA 1-3/8" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	76.44	
For Galvanized, Add	29.13	
For Stainless Steel, Add	203.91	
For >10 To 50, Deduct	-0.91	
For >50 To 100, Deduct	-3.27	
For >100, Deduct	-6.55	
03 15 19 00-0069 EA 1-3/8" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	90.91	
For Galvanized, Add	34.09	
For Stainless Steel, Add	238.63	
For >10 To 50, Deduct	-1.14	
For >50 To 100, Deduct	-3.98	
For >100, Deduct	-7.96	
03 15 19 00-0070 EA 1-3/8" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	101.13	
For Galvanized, Add	38.60	
For Stainless Steel, Add	270.20	
For >10 To 50, Deduct	-1.20	
For >50 To 100, Deduct	-4.32	
For >100, Deduct	-8.65	
03 15 19 00-0071 EA 1-3/8" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	112.43	
For Galvanized, Add	43.59	
For Stainless Steel, Add	305.10	
For >10 To 50, Deduct	-1.26	
For >50 To 100, Deduct	-4.71	
For >100, Deduct	-9.41	
03 15 19 00-0072 EA 1-3/8" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	123.26	
For Galvanized, Add	47.42	
For Stainless Steel, Add	331.94	
For >10 To 50, Deduct	-1.42	
For >50 To 100, Deduct	-5.21	
For >100, Deduct	-10.43	
03 15 19 00-0073 EA 1-3/8" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	134.04	
For Galvanized, Add	50.78	
For Stainless Steel, Add	355.46	
For >10 To 50, Deduct	-1.62	
For >50 To 100, Deduct	-5.79	
For >100, Deduct	-11.57	
03 15 19 00-0074 EA 1-3/8" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	147.47	
For Galvanized, Add	54.79	
For Stainless Steel, Add	383.53	
For >10 To 50, Deduct	-1.89	
For >50 To 100, Deduct	-6.53	
For >100, Deduct	-13.06	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 15 19 00-0075	EA	1-3/8" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	165.67	
		<i>For Galvanized, Add</i>	60.10	
		<i>For Stainless Steel, Add</i>	420.70	
		<i>For >10 To 50, Deduct</i>	-2.27	
		<i>For >50 To 100, Deduct</i>	-7.55	
		<i>For >100, Deduct</i>	-15.10	
03 15 19 00-0076		1-1/2", 1-3/4", And 2" Diameter (03 15 19 00-0036)		
03 15 19 00-0077	EA	1-1/2" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	101.42	
		<i>For Galvanized, Add</i>	40.38	
		<i>For Stainless Steel, Add</i>	282.63	
		<i>For >10 To 50, Deduct</i>	-1.03	
		<i>For >50 To 100, Deduct</i>	-4.09	
		<i>For >100, Deduct</i>	-8.17	
03 15 19 00-0078	EA	1-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	108.63	
		<i>For Galvanized, Add</i>	42.35	
		<i>For Stainless Steel, Add</i>	296.45	
		<i>For >10 To 50, Deduct</i>	-1.20	
		<i>For >50 To 100, Deduct</i>	-4.51	
		<i>For >100, Deduct</i>	-9.02	
03 15 19 00-0079	EA	1-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	119.94	
		<i>For Galvanized, Add</i>	46.60	
		<i>For Stainless Steel, Add</i>	326.17	
		<i>For >10 To 50, Deduct</i>	-1.34	
		<i>For >50 To 100, Deduct</i>	-5.00	
		<i>For >100, Deduct</i>	-10.01	
03 15 19 00-0080	EA	1-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	130.24	
		<i>For Galvanized, Add</i>	50.91	
		<i>For Stainless Steel, Add</i>	356.37	
		<i>For >10 To 50, Deduct</i>	-1.42	
		<i>For >50 To 100, Deduct</i>	-5.39	
		<i>For >100, Deduct</i>	-10.78	
03 15 19 00-0081	EA	1-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	140.76	
		<i>For Galvanized, Add</i>	55.23	
		<i>For Stainless Steel, Add</i>	386.58	
		<i>For >10 To 50, Deduct</i>	-1.52	
		<i>For >50 To 100, Deduct</i>	-5.79	
		<i>For >100, Deduct</i>	-11.58	
03 15 19 00-0082	EA	1-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	153.75	
		<i>For Galvanized, Add</i>	59.39	
		<i>For Stainless Steel, Add</i>	415.70	
		<i>For >10 To 50, Deduct</i>	-1.75	
		<i>For >50 To 100, Deduct</i>	-6.47	
		<i>For >100, Deduct</i>	-12.93	
03 15 19 00-0083	EA	1-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	169.82	
		<i>For Galvanized, Add</i>	64.24	
		<i>For Stainless Steel, Add</i>	449.68	
		<i>For >10 To 50, Deduct</i>	-2.07	
		<i>For >50 To 100, Deduct</i>	-7.35	
		<i>For >100, Deduct</i>	-14.69	
03 15 19 00-0084	EA	1-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	193.00	
		<i>For Galvanized, Add</i>	71.24	
		<i>For Stainless Steel, Add</i>	498.68	
		<i>For >10 To 50, Deduct</i>	-2.53	
		<i>For >50 To 100, Deduct</i>	-8.61	
		<i>For >100, Deduct</i>	-17.23	
03 15 19 00-0085	EA	1-3/4" Diameter x 18" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	144.23	
		<i>For Galvanized, Add</i>	60.75	
		<i>For Stainless Steel, Add</i>	425.25	
		<i>For >10 To 50, Deduct</i>	-1.14	
		<i>For >50 To 100, Deduct</i>	-5.31	
		<i>For >100, Deduct</i>	-10.62	
03 15 19 00-0086	EA	1-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	149.40	
		<i>For Galvanized, Add</i>	62.07	
		<i>For Stainless Steel, Add</i>	434.49	
		<i>For >10 To 50, Deduct</i>	-1.26	
		<i>For >50 To 100, Deduct</i>	-5.63	
		<i>For >100, Deduct</i>	-11.26	
03 15 19 00-0087	EA	1-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	152.89	
		<i>For Galvanized, Add</i>	63.07	
		<i>For Stainless Steel, Add</i>	441.49	
		<i>For >10 To 50, Deduct</i>	-1.34	
		<i>For >50 To 100, Deduct</i>	-5.83	
		<i>For >100, Deduct</i>	-11.66	
03 15 19 00-0088	EA	1-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	174.11	
		<i>For Galvanized, Add</i>	72.85	
		<i>For Stainless Steel, Add</i>	509.92	
		<i>For >10 To 50, Deduct</i>	-1.42	
		<i>For >50 To 100, Deduct</i>	-6.48	
		<i>For >100, Deduct</i>	-12.97	
03 15 19 00-0089	EA	1-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	200.66	
		<i>For Galvanized, Add</i>	84.09	
		<i>For Stainless Steel, Add</i>	588.63	
		<i>For >10 To 50, Deduct</i>	-1.62	
		<i>For >50 To 100, Deduct</i>	-7.45	
		<i>For >100, Deduct</i>	-14.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0090 EA 1-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	208.28	
For Galvanized, Add	85.20	
For Stainless Steel, Add	596.37	
For >10 To 50, Deduct	-1.89	
For >50 To 100, Deduct	-8.05	
For >100, Deduct	-16.10	
03 15 19 00-0091 EA 1-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	229.47	
For Galvanized, Add	92.00	
For Stainless Steel, Add	644.00	
For >10 To 50, Deduct	-2.27	
For >50 To 100, Deduct	-9.15	
For >100, Deduct	-18.29	
03 15 19 00-0092 EA 1-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	255.01	
For Galvanized, Add	99.09	
For Stainless Steel, Add	693.63	
For >10 To 50, Deduct	-2.84	
For >50 To 100, Deduct	-10.64	
For >100, Deduct	-21.28	
03 15 19 00-0093 EA 2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	211.71	
For Galvanized, Add	92.48	
For Stainless Steel, Add	647.36	
For >10 To 50, Deduct	-1.34	
For >50 To 100, Deduct	-7.30	
For >100, Deduct	-14.60	
03 15 19 00-0094 EA 2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	230.27	
For Galvanized, Add	99.98	
For Stainless Steel, Add	699.86	
For >10 To 50, Deduct	-1.52	
For >50 To 100, Deduct	-8.03	
For >100, Deduct	-16.06	
03 15 19 00-0095 EA 2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	252.92	
For Galvanized, Add	108.97	
For Stainless Steel, Add	762.79	
For >10 To 50, Deduct	-1.75	
For >50 To 100, Deduct	-8.95	
For >100, Deduct	-17.89	
03 15 19 00-0096 EA 2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	272.16	
For Galvanized, Add	115.41	
For Stainless Steel, Add	807.87	
For >10 To 50, Deduct	-2.07	
For >50 To 100, Deduct	-9.90	
For >100, Deduct	-19.81	
03 15 19 00-0097 EA 2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	293.50	
For Galvanized, Add	124.02	
For Stainless Steel, Add	868.11	
For >10 To 50, Deduct	-2.27	
For >50 To 100, Deduct	-10.75	
For >100, Deduct	-21.50	
03 15 19 00-0098 EA 2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	315.36	
For Galvanized, Add	132.42	
For Stainless Steel, Add	926.94	
For >10 To 50, Deduct	-2.53	
For >50 To 100, Deduct	-11.67	
For >100, Deduct	-23.35	
03 15 19 00-0099 EA 2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	349.40	
For Galvanized, Add	142.22	
For Stainless Steel, Add	995.54	
For >10 To 50, Deduct	-3.25	
For >50 To 100, Deduct	-13.61	
For >100, Deduct	-27.21	
03 15 19 00-0100 EA 2" Diameter x 66" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	377.66	
For Galvanized, Add	156.35	
For Stainless Steel, Add	1,094.45	
For >10 To 50, Deduct	-3.25	
For >50 To 100, Deduct	-14.31	
For >100, Deduct	-28.63	
03 15 19 00-0101 EA 2" Diameter x 72" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	423.37	
For Galvanized, Add	173.80	
For Stainless Steel, Add	1,216.57	
For >10 To 50, Deduct	-3.79	
For >50 To 100, Deduct	-16.27	
For >100, Deduct	-32.54	
03 15 19 00-0102 2-1/2" And 2-3/4" Diameter (03 15 19 00-0096)		
03 15 19 00-0103 EA 2-1/2" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	437.67	
For Galvanized, Add	205.46	
For Stainless Steel, Add	1,438.22	
For >10 To 50, Deduct	-1.34	
For >50 To 100, Deduct	-12.95	
For >100, Deduct	-25.90	
03 15 19 00-0104 EA 2-1/2" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	459.83	
For Galvanized, Add	214.76	
For Stainless Steel, Add	1,503.32	
For >10 To 50, Deduct	-1.52	
For >50 To 100, Deduct	-13.77	
For >100, Deduct	-27.54	

03 Concrete**03 10 Concrete Forming and Accessories****03 15 Concrete Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 15 19 00-0105	EA		2-1/2" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	500.78	
			<i>For Galvanized, Add</i>	232.90	
			<i>For Stainless Steel, Add</i>	1,630.30	
			<i>For >10 To 50, Deduct</i>	-1.75	
			<i>For >50 To 100, Deduct</i>	-15.14	
			<i>For >100, Deduct</i>	-30.29	
03 15 19 00-0106	EA		2-1/2" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	532.23	
			<i>For Galvanized, Add</i>	245.45	
			<i>For Stainless Steel, Add</i>	1,718.12	
			<i>For >10 To 50, Deduct</i>	-2.07	
			<i>For >50 To 100, Deduct</i>	-16.41	
			<i>For >100, Deduct</i>	-32.81	
03 15 19 00-0107	EA		2-1/2" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	562.67	
			<i>For Galvanized, Add</i>	258.60	
			<i>For Stainless Steel, Add</i>	1,810.20	
			<i>For >10 To 50, Deduct</i>	-2.27	
			<i>For >50 To 100, Deduct</i>	-17.48	
			<i>For >100, Deduct</i>	-34.95	
03 15 19 00-0108	EA		2-1/2" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	597.20	
			<i>For Galvanized, Add</i>	273.34	
			<i>For Stainless Steel, Add</i>	1,913.38	
			<i>For >10 To 50, Deduct</i>	-2.53	
			<i>For >50 To 100, Deduct</i>	-18.72	
			<i>For >100, Deduct</i>	-37.44	
03 15 19 00-0109	EA		2-1/2" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	641.81	
			<i>For Galvanized, Add</i>	288.43	
			<i>For Stainless Steel, Add</i>	2,018.98	
			<i>For >10 To 50, Deduct</i>	-3.25	
			<i>For >50 To 100, Deduct</i>	-20.92	
			<i>For >100, Deduct</i>	-41.83	
03 15 19 00-0110	EA		2-3/4" Diameter x 24" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	493.61	
			<i>For Galvanized, Add</i>	232.60	
			<i>For Stainless Steel, Add</i>	1,628.17	
			<i>For >10 To 50, Deduct</i>	-1.42	
			<i>For >50 To 100, Deduct</i>	-14.47	
			<i>For >100, Deduct</i>	-28.94	
03 15 19 00-0111	EA		2-3/4" Diameter x 30" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	530.09	
			<i>For Galvanized, Add</i>	248.81	
			<i>For Stainless Steel, Add</i>	1,741.64	
			<i>For >10 To 50, Deduct</i>	-1.62	
			<i>For >50 To 100, Deduct</i>	-15.69	
			<i>For >100, Deduct</i>	-31.38	
03 15 19 00-0112	EA		2-3/4" Diameter x 36" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	568.23	
			<i>For Galvanized, Add</i>	265.17	
			<i>For Stainless Steel, Add</i>	1,856.19	
			<i>For >10 To 50, Deduct</i>	-1.89	
			<i>For >50 To 100, Deduct</i>	-17.05	
			<i>For >100, Deduct</i>	-34.10	
03 15 19 00-0113	EA		2-3/4" Diameter x 42" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	605.28	
			<i>For Galvanized, Add</i>	279.91	
			<i>For Stainless Steel, Add</i>	1,959.34	
			<i>For >10 To 50, Deduct</i>	-2.27	
			<i>For >50 To 100, Deduct</i>	-18.54	
			<i>For >100, Deduct</i>	-37.08	
03 15 19 00-0114	EA		2-3/4" Diameter x 48" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	642.54	
			<i>For Galvanized, Add</i>	296.01	
			<i>For Stainless Steel, Add</i>	2,072.07	
			<i>For >10 To 50, Deduct</i>	-2.53	
			<i>For >50 To 100, Deduct</i>	-19.85	
			<i>For >100, Deduct</i>	-39.71	
03 15 19 00-0115	EA		2-3/4" Diameter x 54" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	694.58	
			<i>For Galvanized, Add</i>	318.88	
			<i>For Stainless Steel, Add</i>	2,232.13	
			<i>For >10 To 50, Deduct</i>	-2.84	
			<i>For >50 To 100, Deduct</i>	-21.63	
			<i>For >100, Deduct</i>	-43.25	
03 15 19 00-0116	EA		2-3/4" Diameter x 60" Length, Plain Steel, L-Type Cast In Place Anchor Bolt.....	748.60	
			<i>For Galvanized, Add</i>	336.41	
			<i>For Stainless Steel, Add</i>	2,354.87	
			<i>For >10 To 50, Deduct</i>	-3.79	
			<i>For >50 To 100, Deduct</i>	-24.40	
			<i>For >100, Deduct</i>	-48.80	

03 20 Concrete Reinforcing ⁽⁰³⁾

Note: Includes cutting or torching to size, bending where necessary and tie wires.

03 21 Reinforcement Bars ^(03 20)

Note: Includes cutting, bending, tie wire, tying, bar chairs and all non-mechanical splicing. The weights of reinforcing steel shall be used as follows: #2 - 0.167 Lbs./LF, #3 - 0.376 Lbs./LF, #4 - 0.668 Lbs./LF, #5 - 1.043 Lbs./LF, #6 - 1.502 Lbs./LF, #7 - 2.044 Lbs./LF, #8 - 2.670 Lbs./LF, #9 - 3.400 Lbs./LF, #10 - 4.303 Lbs./LF, #11 - 5.313 Lbs./LF, #14 - 7.650 Lbs./LF, #18 - 13.600 Lbs./LF.

03 21 11 Plain Steel Reinforcement Bars ^(03 21)**03 21 11 00-0001 Beams And Girders, Steel Reinforcement Bar** ^(03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0002 LF #3, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	0.65	
<i>For Up To 100, Add</i>	0.42	
<i>For >100 To 200, Add</i>	0.23	
<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0003 LF #4, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.09	
<i>For Up To 100, Add</i>	0.71	
<i>For >100 To 200, Add</i>	0.39	
<i>For >200 To 500, Add</i>	0.16	
03 21 11 00-0004 LF #5, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	1.63	
<i>For Up To 100, Add</i>	1.08	
<i>For >100 To 200, Add</i>	0.59	
<i>For >200 To 500, Add</i>	0.24	
03 21 11 00-0005 LF #6, Grade 40, Beams And Girders, Steel Reinforcement Bar.....	2.25	
<i>For Up To 100, Add</i>	1.52	
<i>For >100 To 200, Add</i>	0.82	
<i>For >200 To 500, Add</i>	0.33	
03 21 11 00-0006 LF #3, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	0.66	
<i>For Up To 100, Add</i>	0.43	
<i>For >100 To 200, Add</i>	0.23	
<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0007 LF #4, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.11	
<i>For Up To 100, Add</i>	0.73	
<i>For >100 To 200, Add</i>	0.40	
<i>For >200 To 500, Add</i>	0.16	
03 21 11 00-0008 LF #5, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	1.67	
<i>For Up To 100, Add</i>	1.12	
<i>For >100 To 200, Add</i>	0.61	
<i>For >200 To 500, Add</i>	0.24	
03 21 11 00-0009 LF #6, Grade 50, Beams And Girders, Steel Reinforcement Bar.....	2.30	
<i>For Up To 100, Add</i>	1.57	
<i>For >100 To 200, Add</i>	0.85	
<i>For >200 To 500, Add</i>	0.34	
03 21 11 00-0010 LF #3, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	0.68	
<i>For Up To 100, Add</i>	0.45	
<i>For >100 To 200, Add</i>	0.24	
<i>For >200 To 500, Add</i>	0.10	
03 21 11 00-0011 LF #4, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.15	
<i>For Up To 100, Add</i>	0.77	
<i>For >100 To 200, Add</i>	0.42	
<i>For >200 To 500, Add</i>	0.17	
03 21 11 00-0012 LF #5, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	1.72	
<i>For Up To 100, Add</i>	1.17	
<i>For >100 To 200, Add</i>	0.63	
<i>For >200 To 500, Add</i>	0.25	
03 21 11 00-0013 LF #6, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	2.38	
<i>For Up To 100, Add</i>	1.65	
<i>For >100 To 200, Add</i>	0.89	
<i>For >200 To 500, Add</i>	0.36	
03 21 11 00-0014 LF #7, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.09	
<i>For Up To 100, Add</i>	1.72	
<i>For >100 To 200, Add</i>	1.01	
<i>For >200 To 400, Add</i>	0.47	
03 21 11 00-0015 LF #8, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	3.84	
<i>For Up To 100, Add</i>	2.18	
<i>For >100 To 200, Add</i>	1.27	
<i>For >200 To 400, Add</i>	0.59	
03 21 11 00-0016 LF #9, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	4.71	
<i>For Up To 100, Add</i>	2.71	
<i>For >100 To 200, Add</i>	1.58	
<i>For >200 To 400, Add</i>	0.74	
03 21 11 00-0017 LF #10, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	5.74	
<i>For Up To 100, Add</i>	2.73	
<i>For >100 To 200, Add</i>	1.48	
<i>For >200 To 300, Add</i>	0.74	
03 21 11 00-0018 LF #11, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	6.81	
<i>For Up To 100, Add</i>	3.28	
<i>For >100 To 200, Add</i>	1.78	
<i>For >200 To 300, Add</i>	0.89	
03 21 11 00-0019 LF #14, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	9.42	
<i>For Up To 100, Add</i>	4.61	
<i>For >100 To 200, Add</i>	2.48	
<i>For >200 To 300, Add</i>	1.24	
03 21 11 00-0020 LF #18, Grade 60, Beams And Girders, Steel Reinforcement Bar.....	16.07	
<i>For Up To 100, Add</i>	8.00	
<i>For >100 To 200, Add</i>	4.27	
<i>For >200 To 300, Add</i>	2.14	
03 21 11 00-0021 LF #6, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	2.46	
<i>For Up To 100, Add</i>	1.73	
<i>For >100 To 200, Add</i>	0.93	
<i>For >200 To 500, Add</i>	0.37	
03 21 11 00-0022 LF #7, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.20	
<i>For Up To 100, Add</i>	1.80	
<i>For >100 To 200, Add</i>	1.06	
<i>For >200 To 400, Add</i>	0.49	
03 21 11 00-0023 LF #8, Grade 75, Beams And Girders, Steel Reinforcement Bar.....	3.98	
<i>For Up To 100, Add</i>	2.28	
<i>For >100 To 200, Add</i>	1.33	
<i>For >200 To 400, Add</i>	0.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0024	LF	#9, Grade 75, Beams And Girders, Steel Reinforcement Bar	4.88		
		For Up To 100, Add	2.84		
		For >100 To 200, Add	1.64		
		For >200 To 400, Add	0.77		
03 21 11 00-0025	LF	#10, Grade 75, Beams And Girders, Steel Reinforcement Bar	5.96		
		For Up To 100, Add	2.86		
		For >100 To 200, Add	1.55		
		For >200 To 300, Add	0.77		
03 21 11 00-0026	LF	#11, Grade 75, Beams And Girders, Steel Reinforcement Bar	7.09		
		For Up To 100, Add	3.45		
		For >100 To 200, Add	1.86		
		For >200 To 300, Add	0.93		
03 21 11 00-0027	LF	#14, Grade 75, Beams And Girders, Steel Reinforcement Bar	9.82		
		For Up To 100, Add	4.85		
		For >100 To 200, Add	2.60		
		For >200 To 300, Add	1.30		
03 21 11 00-0028	LF	#18, Grade 75, Beams And Girders, Steel Reinforcement Bar	16.77		
		For Up To 100, Add	8.42		
		For >100 To 200, Add	4.48		
		For >200 To 300, Add	2.24		
03 21 11 00-0029	LF	#3, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	0.70		
		For Up To 100, Add	0.47		
		For >100 To 200, Add	0.25		
		For >200 To 500, Add	0.10		
03 21 11 00-0030	LF	#4, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.18		
		For Up To 100, Add	0.80		
		For >100 To 200, Add	0.43		
		For >200 To 500, Add	0.17		
03 21 11 00-0031	LF	#5, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	1.76		
		For Up To 100, Add	1.21		
		For >100 To 200, Add	0.65		
		For >200 To 500, Add	0.26		
03 21 11 00-0032	LF	#6, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	2.44		
		For Up To 100, Add	1.71		
		For >100 To 200, Add	0.92		
		For >200 To 500, Add	0.37		
03 21 11 00-0033	LF	#7, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.17		
		For Up To 100, Add	1.78		
		For >100 To 200, Add	1.04		
		For >200 To 400, Add	0.48		
03 21 11 00-0034	LF	#8, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	3.94		
		For Up To 100, Add	2.25		
		For >100 To 200, Add	1.31		
		For >200 To 400, Add	0.61		
03 21 11 00-0035	LF	#9, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	4.84		
		For Up To 100, Add	2.81		
		For >100 To 200, Add	1.63		
		For >200 To 400, Add	0.76		
03 21 11 00-0036	LF	#10, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	5.90		
		For Up To 100, Add	2.82		
		For >100 To 200, Add	1.53		
		For >200 To 300, Add	0.77		
03 21 11 00-0037	LF	#11, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	7.02		
		For Up To 100, Add	3.41		
		For >100 To 200, Add	1.84		
		For >200 To 300, Add	0.92		
03 21 11 00-0038	LF	#14, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	9.72		
		For Up To 100, Add	4.79		
		For >100 To 200, Add	2.57		
		For >200 To 300, Add	1.28		
03 21 11 00-0039	LF	#18, Grade 60, Beams And Girders, Low Alloy Steel Reinforcement Bar	16.60		
		For Up To 100, Add	8.31		
		For >100 To 200, Add	4.43		
		For >200 To 300, Add	2.22		
03 21 11 00-0040		Columns, Steel Reinforcement Bar (03 21 11)			
		Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.			
03 21 11 00-0041	LF	#3, Grade 40, Columns, Steel Reinforcement Bar	0.68		
		For Up To 100, Add	0.43		
		For >100 To 200, Add	0.24		
		For >200 To 500, Add	0.09		
03 21 11 00-0042	LF	#4, Grade 40, Columns, Steel Reinforcement Bar	1.16		
		For Up To 100, Add	0.74		
		For >100 To 200, Add	0.41		
		For >200 To 500, Add	0.16		
03 21 11 00-0043	LF	#5, Grade 40, Columns, Steel Reinforcement Bar	1.72		
		For Up To 100, Add	1.12		
		For >100 To 200, Add	0.61		
		For >200 To 500, Add	0.24		
03 21 11 00-0044	LF	#6, Grade 40, Columns, Steel Reinforcement Bar	2.38		
		For Up To 100, Add	1.58		
		For >100 To 200, Add	0.86		
		For >200 To 500, Add	0.34		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0045 LF #3, Grade 50, Columns, Steel Reinforcement Bar.....	0.69	
For Up To 100, Add	0.44	
For >100 To 200, Add	0.24	
For >200 To 500, Add	0.10	
03 21 11 00-0046 LF #4, Grade 50, Columns, Steel Reinforcement Bar.....	1.18	
For Up To 100, Add	0.76	
For >100 To 200, Add	0.42	
For >200 To 500, Add	0.17	
03 21 11 00-0047 LF #5, Grade 50, Columns, Steel Reinforcement Bar.....	1.76	
For Up To 100, Add	1.16	
For >100 To 200, Add	0.63	
For >200 To 500, Add	0.25	
03 21 11 00-0048 LF #6, Grade 50, Columns, Steel Reinforcement Bar.....	2.43	
For Up To 100, Add	1.63	
For >100 To 200, Add	0.88	
For >200 To 500, Add	0.35	
03 21 11 00-0049 LF #3, Grade 60, Columns, Steel Reinforcement Bar.....	0.71	
For Up To 100, Add	0.46	
For >100 To 200, Add	0.25	
For >200 To 500, Add	0.10	
03 21 11 00-0050 LF #4, Grade 60, Columns, Steel Reinforcement Bar.....	1.22	
For Up To 100, Add	0.80	
For >100 To 200, Add	0.44	
For >200 To 500, Add	0.17	
03 21 11 00-0051 LF #5, Grade 60, Columns, Steel Reinforcement Bar.....	1.81	
For Up To 100, Add	1.21	
For >100 To 200, Add	0.66	
For >200 To 500, Add	0.26	
03 21 11 00-0052 LF #6, Grade 60, Columns, Steel Reinforcement Bar.....	2.51	
For Up To 100, Add	1.71	
For >100 To 200, Add	0.92	
For >200 To 500, Add	0.37	
03 21 11 00-0053 LF #7, Grade 60, Columns, Steel Reinforcement Bar.....	3.24	
For Up To 100, Add	1.77	
For >100 To 200, Add	1.05	
For >200 To 400, Add	0.48	
03 21 11 00-0054 LF #8, Grade 60, Columns, Steel Reinforcement Bar.....	4.01	
For Up To 100, Add	2.24	
For >100 To 200, Add	1.31	
For >200 To 400, Add	0.61	
03 21 11 00-0055 LF #9, Grade 60, Columns, Steel Reinforcement Bar.....	4.91	
For Up To 100, Add	2.78	
For >100 To 200, Add	1.63	
For >200 To 400, Add	0.76	
03 21 11 00-0056 LF #10, Grade 60, Columns, Steel Reinforcement Bar.....	5.97	
For Up To 100, Add	2.80	
For >100 To 200, Add	1.53	
For >200 To 300, Add	0.76	
03 21 11 00-0057 LF #11, Grade 60, Columns, Steel Reinforcement Bar.....	7.07	
For Up To 100, Add	3.36	
For >100 To 200, Add	1.83	
For >200 To 300, Add	0.91	
03 21 11 00-0058 LF #14, Grade 60, Columns, Steel Reinforcement Bar.....	9.78	
For Up To 100, Add	4.72	
For >100 To 200, Add	2.55	
For >200 To 300, Add	1.28	
03 21 11 00-0059 LF #18, Grade 60, Columns, Steel Reinforcement Bar.....	16.62	
For Up To 100, Add	8.16	
For >100 To 200, Add	4.38	
For >200 To 300, Add	2.19	
03 21 11 00-0060 LF #6, Grade 75, Columns, Steel Reinforcement Bar.....	2.59	
For Up To 100, Add	1.79	
For >100 To 200, Add	0.96	
For >200 To 500, Add	0.38	
03 21 11 00-0061 LF #7, Grade 75, Columns, Steel Reinforcement Bar.....	3.35	
For Up To 100, Add	1.85	
For >100 To 200, Add	1.09	
For >200 To 400, Add	0.51	
03 21 11 00-0062 LF #8, Grade 75, Columns, Steel Reinforcement Bar.....	4.15	
For Up To 100, Add	2.34	
For >100 To 200, Add	1.37	
For >200 To 400, Add	0.64	
03 21 11 00-0063 LF #9, Grade 75, Columns, Steel Reinforcement Bar.....	5.08	
For Up To 100, Add	2.91	
For >100 To 200, Add	1.69	
For >200 To 400, Add	0.79	
03 21 11 00-0064 LF #10, Grade 75, Columns, Steel Reinforcement Bar.....	6.19	
For Up To 100, Add	2.93	
For >100 To 200, Add	1.60	
For >200 To 300, Add	0.80	
03 21 11 00-0065 LF #11, Grade 75, Columns, Steel Reinforcement Bar.....	7.35	
For Up To 100, Add	3.53	
For >100 To 200, Add	1.91	
For >200 To 300, Add	0.96	
03 21 11 00-0066 LF #14, Grade 75, Columns, Steel Reinforcement Bar.....	10.18	
For Up To 100, Add	4.96	
For >100 To 200, Add	2.67	
For >200 To 300, Add	1.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0067	LF		#18, Grade 75, Columns, Steel Reinforcement Bar.....	17.32	
			<i>For Up To 100, Add</i>	8.58	
			<i>For >100 To 200, Add</i>	4.59	
			<i>For >200 To 300, Add</i>	2.30	
03 21 11 00-0068	LF		#3, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	0.73	
			<i>For Up To 100, Add</i>	0.48	
			<i>For >100 To 200, Add</i>	0.26	
			<i>For >200 To 500, Add</i>	0.10	
03 21 11 00-0069	LF		#4, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.25	
			<i>For Up To 100, Add</i>	0.83	
			<i>For >100 To 200, Add</i>	0.45	
			<i>For >200 To 500, Add</i>	0.18	
03 21 11 00-0070	LF		#5, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	1.85	
			<i>For Up To 100, Add</i>	1.25	
			<i>For >100 To 200, Add</i>	0.68	
			<i>For >200 To 500, Add</i>	0.27	
03 21 11 00-0071	LF		#6, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	2.57	
			<i>For Up To 100, Add</i>	1.77	
			<i>For >100 To 200, Add</i>	0.95	
			<i>For >200 To 500, Add</i>	0.38	
03 21 11 00-0072	LF		#7, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	3.32	
			<i>For Up To 100, Add</i>	1.83	
			<i>For >100 To 200, Add</i>	1.08	
			<i>For >200 To 400, Add</i>	0.50	
03 21 11 00-0073	LF		#8, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	4.11	
			<i>For Up To 100, Add</i>	2.31	
			<i>For >100 To 200, Add</i>	1.35	
			<i>For >200 To 400, Add</i>	0.63	
03 21 11 00-0074	LF		#9, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	5.04	
			<i>For Up To 100, Add</i>	2.88	
			<i>For >100 To 200, Add</i>	1.68	
			<i>For >200 To 400, Add</i>	0.78	
03 21 11 00-0075	LF		#10, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	6.13	
			<i>For Up To 100, Add</i>	2.89	
			<i>For >100 To 200, Add</i>	1.58	
			<i>For >200 To 300, Add</i>	0.79	
03 21 11 00-0076	LF		#11, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	7.28	
			<i>For Up To 100, Add</i>	3.49	
			<i>For >100 To 200, Add</i>	1.89	
			<i>For >200 To 300, Add</i>	0.95	
03 21 11 00-0077	LF		#14, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	10.08	
			<i>For Up To 100, Add</i>	4.90	
			<i>For >100 To 200, Add</i>	2.64	
			<i>For >200 To 300, Add</i>	1.32	
03 21 11 00-0078	LF		#18, Grade 60, Columns, Low Alloy Steel Reinforcement Bar.....	17.15	
			<i>For Up To 100, Add</i>	8.48	
			<i>For >100 To 200, Add</i>	4.54	
			<i>For >200 To 300, Add</i>	2.27	
03 21 11 00-0079			Footings, Steel Reinforcement Bar <small>(03 21 11)</small>		
			Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.		
03 21 11 00-0080	LF		#3, Grade 40, Footings, Steel Reinforcement Bar.....	0.59	
			<i>For Up To 100, Add</i>	0.39	
			<i>For >100 To 200, Add</i>	0.21	
			<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0081	LF		#4, Grade 40, Footings, Steel Reinforcement Bar.....	1.00	
			<i>For Up To 100, Add</i>	0.68	
			<i>For >100 To 200, Add</i>	0.37	
			<i>For >200 To 500, Add</i>	0.15	
03 21 11 00-0082	LF		#5, Grade 40, Footings, Steel Reinforcement Bar.....	1.50	
			<i>For Up To 100, Add</i>	1.03	
			<i>For >100 To 200, Add</i>	0.56	
			<i>For >200 To 500, Add</i>	0.22	
03 21 11 00-0083	LF		#6, Grade 40, Footings, Steel Reinforcement Bar.....	2.07	
			<i>For Up To 100, Add</i>	1.45	
			<i>For >100 To 200, Add</i>	0.78	
			<i>For >200 To 500, Add</i>	0.31	
03 21 11 00-0084	LF		#3, Grade 50, Footings, Steel Reinforcement Bar.....	0.60	
			<i>For Up To 100, Add</i>	0.40	
			<i>For >100 To 200, Add</i>	0.22	
			<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0085	LF		#4, Grade 50, Footings, Steel Reinforcement Bar.....	1.02	
			<i>For Up To 100, Add</i>	0.70	
			<i>For >100 To 200, Add</i>	0.38	
			<i>For >200 To 500, Add</i>	0.15	
03 21 11 00-0086	LF		#5, Grade 50, Footings, Steel Reinforcement Bar.....	1.54	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 200, Add</i>	0.58	
			<i>For >200 To 500, Add</i>	0.23	
03 21 11 00-0087	LF		#6, Grade 50, Footings, Steel Reinforcement Bar.....	2.12	
			<i>For Up To 100, Add</i>	1.50	
			<i>For >100 To 200, Add</i>	0.80	
			<i>For >200 To 500, Add</i>	0.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0088 LF #3, Grade 60, Footings, Steel Reinforcement Bar	0.62	
<i>For Up To 100, Add</i>	0.42	
<i>For >100 To 200, Add</i>	0.23	
<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0089 LF #4, Grade 60, Footings, Steel Reinforcement Bar	1.06	
<i>For Up To 100, Add</i>	0.74	
<i>For >100 To 200, Add</i>	0.40	
<i>For >200 To 500, Add</i>	0.16	
03 21 11 00-0090 LF #5, Grade 60, Footings, Steel Reinforcement Bar	1.59	
<i>For Up To 100, Add</i>	1.12	
<i>For >100 To 200, Add</i>	0.60	
<i>For >200 To 500, Add</i>	0.24	
03 21 11 00-0091 LF #6, Grade 60, Footings, Steel Reinforcement Bar	2.20	
<i>For Up To 100, Add</i>	1.58	
<i>For >100 To 200, Add</i>	0.84	
<i>For >200 To 500, Add</i>	0.34	
03 21 11 00-0092 LF #7, Grade 60, Footings, Steel Reinforcement Bar	2.87	
<i>For Up To 100, Add</i>	1.64	
<i>For >100 To 200, Add</i>	0.96	
<i>For >200 To 400, Add</i>	0.45	
03 21 11 00-0093 LF #8, Grade 60, Footings, Steel Reinforcement Bar	3.58	
<i>For Up To 100, Add</i>	2.09	
<i>For >100 To 200, Add</i>	1.21	
<i>For >200 To 400, Add</i>	0.57	
03 21 11 00-0094 LF #9, Grade 60, Footings, Steel Reinforcement Bar	4.40	
<i>For Up To 100, Add</i>	2.60	
<i>For >100 To 200, Add</i>	1.50	
<i>For >200 To 400, Add</i>	0.71	
03 21 11 00-0095 LF #10, Grade 60, Footings, Steel Reinforcement Bar	5.38	
<i>For Up To 100, Add</i>	3.22	
<i>For >100 To 200, Add</i>	1.85	
<i>For >200 To 400, Add</i>	0.87	
<i>For Up To 100, Add</i>	2.62	
<i>For >100 To 200, Add</i>	1.41	
<i>For >200 To 300, Add</i>	0.71	
03 21 11 00-0096 LF #11, Grade 60, Footings, Steel Reinforcement Bar	6.41	
<i>For Up To 100, Add</i>	3.90	
<i>For >100 To 200, Add</i>	2.22	
<i>For >200 To 400, Add</i>	1.05	
<i>For Up To 100, Add</i>	3.16	
<i>For >100 To 200, Add</i>	1.70	
<i>For >200 To 300, Add</i>	0.85	
03 21 11 00-0097 LF #14, Grade 60, Footings, Steel Reinforcement Bar	8.90	
<i>For Up To 100, Add</i>	5.50	
<i>For >100 To 200, Add</i>	3.12	
<i>For >200 To 400, Add</i>	1.49	
<i>For Up To 100, Add</i>	4.46	
<i>For >100 To 200, Add</i>	2.38	
<i>For >200 To 300, Add</i>	1.19	
03 21 11 00-0098 LF #18, Grade 60, Footings, Steel Reinforcement Bar	15.24	
<i>For Up To 100, Add</i>	9.57	
<i>For >100 To 200, Add</i>	5.40	
<i>For >200 To 400, Add</i>	2.58	
<i>For Up To 100, Add</i>	7.75	
<i>For >100 To 200, Add</i>	4.11	
<i>For >200 To 300, Add</i>	2.05	
03 21 11 00-0099 LF #6, Grade 75, Footings, Steel Reinforcement Bar	2.28	
<i>For Up To 100, Add</i>	1.66	
<i>For >100 To 200, Add</i>	0.88	
<i>For >200 To 500, Add</i>	0.35	
<i>For Up To 100, Add</i>	1.30	
<i>For >100 To 200, Add</i>	0.76	
<i>For >200 To 400, Add</i>	0.35	
03 21 11 00-0100 LF #7, Grade 75, Footings, Steel Reinforcement Bar	2.98	
<i>For Up To 100, Add</i>	1.72	
<i>For >100 To 200, Add</i>	1.00	
<i>For >200 To 400, Add</i>	0.47	
03 21 11 00-0101 LF #8, Grade 75, Footings, Steel Reinforcement Bar	3.72	
<i>For Up To 100, Add</i>	2.19	
<i>For >100 To 200, Add</i>	1.26	
<i>For >200 To 400, Add</i>	0.59	
03 21 11 00-0102 LF #9, Grade 75, Footings, Steel Reinforcement Bar	4.57	
<i>For Up To 100, Add</i>	2.73	
<i>For >100 To 200, Add</i>	1.57	
<i>For >200 To 400, Add</i>	0.74	
03 21 11 00-0103 LF #10, Grade 75, Footings, Steel Reinforcement Bar	5.60	
<i>For Up To 100, Add</i>	2.75	
<i>For >100 To 200, Add</i>	1.48	
<i>For >200 To 300, Add</i>	0.74	
03 21 11 00-0104 LF #11, Grade 75, Footings, Steel Reinforcement Bar	6.69	
<i>For Up To 100, Add</i>	3.33	
<i>For >100 To 200, Add</i>	1.78	
<i>For >200 To 300, Add</i>	0.89	
03 21 11 00-0105 LF #14, Grade 75, Footings, Steel Reinforcement Bar	9.30	
<i>For Up To 100, Add</i>	4.70	
<i>For >100 To 200, Add</i>	2.50	
<i>For >200 To 300, Add</i>	1.25	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 21 11 00-0106	LF	#18, Grade 75, Footings, Steel Reinforcement Bar	15.94	
		<i>For Up To 100, Add</i>	8.17	
		<i>For >100 To 200, Add</i>	4.32	
		<i>For >200 To 300, Add</i>	2.16	
03 21 11 00-0107	LF	#3, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	0.64	
		<i>For Up To 100, Add</i>	0.44	
		<i>For >100 To 200, Add</i>	0.24	
		<i>For >200 To 500, Add</i>	0.10	
03 21 11 00-0108	LF	#4, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.09	
		<i>For Up To 100, Add</i>	0.77	
		<i>For >100 To 200, Add</i>	0.41	
		<i>For >200 To 500, Add</i>	0.16	
03 21 11 00-0109	LF	#5, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	1.63	
		<i>For Up To 100, Add</i>	1.16	
		<i>For >100 To 200, Add</i>	0.62	
		<i>For >200 To 500, Add</i>	0.25	
03 21 11 00-0110	LF	#6, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.26	
		<i>For Up To 100, Add</i>	1.64	
		<i>For >100 To 200, Add</i>	0.87	
		<i>For >200 To 500, Add</i>	0.35	
03 21 11 00-0111	LF	#7, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	2.95	
		<i>For Up To 100, Add</i>	1.70	
		<i>For >100 To 200, Add</i>	0.99	
		<i>For >200 To 400, Add</i>	0.46	
03 21 11 00-0112	LF	#8, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	3.68	
		<i>For Up To 100, Add</i>	2.16	
		<i>For >100 To 200, Add</i>	1.25	
		<i>For >200 To 400, Add</i>	0.59	
03 21 11 00-0113	LF	#9, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	4.53	
		<i>For Up To 100, Add</i>	2.70	
		<i>For >100 To 200, Add</i>	1.55	
		<i>For >200 To 400, Add</i>	0.73	
03 21 11 00-0114	LF	#10, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	5.54	
		<i>For Up To 100, Add</i>	2.72	
		<i>For >100 To 200, Add</i>	1.46	
		<i>For >200 To 300, Add</i>	0.73	
03 21 11 00-0115	LF	#11, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	6.62	
		<i>For Up To 100, Add</i>	3.29	
		<i>For >100 To 200, Add</i>	1.76	
		<i>For >200 To 300, Add</i>	0.88	
03 21 11 00-0116	LF	#14, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	9.20	
		<i>For Up To 100, Add</i>	4.64	
		<i>For >100 To 200, Add</i>	2.47	
		<i>For >200 To 300, Add</i>	1.23	
03 21 11 00-0117	LF	#18, Grade 60, Footings, Low Alloy Steel Reinforcement Bar	15.77	
		<i>For Up To 100, Add</i>	8.06	
		<i>For >100 To 200, Add</i>	4.27	
		<i>For >200 To 300, Add</i>	2.13	
03 21 11 00-0118		Slab On Grade, Steel Reinforcement Bar <small>(03 21 11)</small>		
		Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.		
03 21 11 00-0119	LF	#3, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.57	
		<i>For Up To 100, Add</i>	0.38	
		<i>For >100 To 200, Add</i>	0.21	
		<i>For >200 To 500, Add</i>	0.08	
03 21 11 00-0120	LF	#4, Grade 40, Slab On Grade, Steel Reinforcement Bar	0.97	
		<i>For Up To 100, Add</i>	0.66	
		<i>For >100 To 200, Add</i>	0.36	
		<i>For >200 To 500, Add</i>	0.14	
03 21 11 00-0121	LF	#5, Grade 40, Slab On Grade, Steel Reinforcement Bar	1.45	
		<i>For Up To 100, Add</i>	1.01	
		<i>For >100 To 200, Add</i>	0.54	
		<i>For >200 To 500, Add</i>	0.22	
03 21 11 00-0122	LF	#6, Grade 40, Slab On Grade, Steel Reinforcement Bar	2.00	
		<i>For Up To 100, Add</i>	1.42	
		<i>For >100 To 200, Add</i>	0.76	
		<i>For >200 To 500, Add</i>	0.30	
03 21 11 00-0123	LF	#3, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.58	
		<i>For Up To 100, Add</i>	0.39	
		<i>For >100 To 200, Add</i>	0.21	
		<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0124	LF	#4, Grade 50, Slab On Grade, Steel Reinforcement Bar	0.99	
		<i>For Up To 100, Add</i>	0.68	
		<i>For >100 To 200, Add</i>	0.37	
		<i>For >200 To 500, Add</i>	0.15	
03 21 11 00-0125	LF	#5, Grade 50, Slab On Grade, Steel Reinforcement Bar	1.49	
		<i>For Up To 100, Add</i>	1.05	
		<i>For >100 To 200, Add</i>	0.56	
		<i>For >200 To 500, Add</i>	0.23	
03 21 11 00-0126	LF	#6, Grade 50, Slab On Grade, Steel Reinforcement Bar	2.05	
		<i>For Up To 100, Add</i>	1.47	
		<i>For >100 To 200, Add</i>	0.79	
		<i>For >200 To 500, Add</i>	0.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0127 LF #3, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	0.60	
<i>For Up To 100, Add</i>	0.41	
<i>For >100 To 200, Add</i>	0.22	
<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0128 LF #4, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	1.03	
<i>For Up To 100, Add</i>	0.72	
<i>For >100 To 200, Add</i>	0.39	
<i>For >200 To 500, Add</i>	0.16	
03 21 11 00-0129 LF #5, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	1.54	
<i>For Up To 100, Add</i>	1.10	
<i>For >100 To 200, Add</i>	0.59	
<i>For >200 To 500, Add</i>	0.24	
03 21 11 00-0130 LF #6, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	2.13	
<i>For Up To 100, Add</i>	1.55	
<i>For >100 To 200, Add</i>	0.83	
<i>For >200 To 500, Add</i>	0.33	
03 21 11 00-0131 LF #7, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	2.80	
<i>For Up To 100, Add</i>	1.62	
<i>For >100 To 200, Add</i>	0.94	
<i>For >200 To 400, Add</i>	0.44	
03 21 11 00-0132 LF #8, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	3.49	
<i>For Up To 100, Add</i>	2.05	
<i>For >100 To 200, Add</i>	1.18	
<i>For >200 To 400, Add</i>	0.56	
03 21 11 00-0133 LF #9, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	4.30	
<i>For Up To 100, Add</i>	2.57	
<i>For >100 To 200, Add</i>	1.47	
<i>For >200 To 400, Add</i>	0.70	
03 21 11 00-0134 LF #10, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	5.26	
<i>For Up To 100, Add</i>	2.58	
<i>For >100 To 200, Add</i>	1.39	
<i>For >200 To 300, Add</i>	0.69	
03 21 11 00-0135 LF #11, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	6.28	
<i>For Up To 100, Add</i>	3.12	
<i>For >100 To 200, Add</i>	1.67	
<i>For >200 To 300, Add</i>	0.83	
03 21 11 00-0136 LF #14, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	8.72	
<i>For Up To 100, Add</i>	4.40	
<i>For >100 To 200, Add</i>	2.34	
<i>For >200 To 300, Add</i>	1.17	
03 21 11 00-0137 LF #18, Grade 60, Slab On Grade, Steel Reinforcement Bar.....	14.97	
<i>For Up To 100, Add</i>	7.67	
<i>For >100 To 200, Add</i>	4.05	
<i>For >200 To 300, Add</i>	2.03	
03 21 11 00-0138 LF #6, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	2.21	
<i>For Up To 100, Add</i>	1.63	
<i>For >100 To 200, Add</i>	0.87	
<i>For >200 To 500, Add</i>	0.35	
03 21 11 00-0139 LF #7, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	2.91	
<i>For Up To 100, Add</i>	1.70	
<i>For >100 To 200, Add</i>	0.98	
<i>For >200 To 400, Add</i>	0.46	
03 21 11 00-0140 LF #8, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	3.63	
<i>For Up To 100, Add</i>	2.16	
<i>For >100 To 200, Add</i>	1.24	
<i>For >200 To 400, Add</i>	0.59	
03 21 11 00-0141 LF #9, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	4.47	
<i>For Up To 100, Add</i>	2.69	
<i>For >100 To 200, Add</i>	1.54	
<i>For >200 To 400, Add</i>	0.73	
03 21 11 00-0142 LF #10, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	5.48	
<i>For Up To 100, Add</i>	2.72	
<i>For >100 To 200, Add</i>	1.45	
<i>For >200 To 300, Add</i>	0.73	
03 21 11 00-0143 LF #11, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	6.56	
<i>For Up To 100, Add</i>	3.29	
<i>For >100 To 200, Add</i>	1.75	
<i>For >200 To 300, Add</i>	0.88	
03 21 11 00-0144 LF #14, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	9.12	
<i>For Up To 100, Add</i>	4.64	
<i>For >100 To 200, Add</i>	2.46	
<i>For >200 To 300, Add</i>	1.23	
03 21 11 00-0145 LF #18, Grade 75, Slab On Grade, Steel Reinforcement Bar.....	15.67	
<i>For Up To 100, Add</i>	8.09	
<i>For >100 To 200, Add</i>	4.26	
<i>For >200 To 300, Add</i>	2.13	
03 21 11 00-0146 LF #3, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	0.62	
<i>For Up To 100, Add</i>	0.43	
<i>For >100 To 200, Add</i>	0.23	
<i>For >200 To 500, Add</i>	0.09	
03 21 11 00-0147 LF #4, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	1.06	
<i>For Up To 100, Add</i>	0.75	
<i>For >100 To 200, Add</i>	0.40	
<i>For >200 To 500, Add</i>	0.16	
03 21 11 00-0148 LF #5, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar.....	1.58	
<i>For Up To 100, Add</i>	1.14	
<i>For >100 To 200, Add</i>	0.61	
<i>For >200 To 500, Add</i>	0.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0149	LF	#6, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	2.19	
		For Up To 100, Add		1.61	
		For >100 To 200, Add		0.86	
		For >200 To 500, Add		0.34	
03 21 11 00-0150	LF	#7, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	2.88	
		For Up To 100, Add		1.68	
		For >100 To 200, Add		0.97	
		For >200 To 400, Add		0.46	
03 21 11 00-0151	LF	#8, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	3.59	
		For Up To 100, Add		2.13	
		For >100 To 200, Add		1.22	
		For >200 To 400, Add		0.58	
03 21 11 00-0152	LF	#9, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	4.43	
		For Up To 100, Add		2.66	
		For >100 To 200, Add		1.52	
		For >200 To 400, Add		0.72	
03 21 11 00-0153	LF	#10, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	5.42	
		For Up To 100, Add		2.68	
		For >100 To 200, Add		1.44	
		For >200 To 300, Add		0.72	
03 21 11 00-0154	LF	#11, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	6.49	
		For Up To 100, Add		3.25	
		For >100 To 200, Add		1.73	
		For >200 To 300, Add		0.87	
03 21 11 00-0155	LF	#14, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	9.02	
		For Up To 100, Add		4.58	
		For >100 To 200, Add		2.43	
		For >200 To 300, Add		1.21	
03 21 11 00-0156	LF	#18, Grade 60, Slab On Grade, Low Alloy Steel Reinforcement Bar	.....	15.50	
		For Up To 100, Add		7.98	
		For >100 To 200, Add		4.21	
		For >200 To 300, Add		2.11	
03 21 11 00-0157		Elevated Slabs, Steel Reinforcement Bar (03 21 11)			
		Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.			
03 21 11 00-0158	LF	#3, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	0.53	
		For Up To 100, Add		0.37	
		For >100 To 200, Add		0.20	
		For >200 To 500, Add		0.08	
03 21 11 00-0159	LF	#4, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	0.90	
		For Up To 100, Add		0.64	
		For >100 To 200, Add		0.34	
		For >200 To 500, Add		0.14	
03 21 11 00-0160	LF	#5, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	1.36	
		For Up To 100, Add		0.98	
		For >100 To 200, Add		0.52	
		For >200 To 500, Add		0.21	
03 21 11 00-0161	LF	#6, Grade 40, Elevated Slabs, Steel Reinforcement Bar	.....	1.88	
		For Up To 100, Add		1.38	
		For >100 To 200, Add		0.73	
		For >200 To 500, Add		0.29	
03 21 11 00-0162	LF	#3, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	0.54	
		For Up To 100, Add		0.38	
		For >100 To 200, Add		0.20	
		For >200 To 500, Add		0.08	
03 21 11 00-0163	LF	#4, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	0.92	
		For Up To 100, Add		0.66	
		For >100 To 200, Add		0.35	
		For >200 To 500, Add		0.14	
03 21 11 00-0164	LF	#5, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	1.40	
		For Up To 100, Add		1.02	
		For >100 To 200, Add		0.54	
		For >200 To 500, Add		0.22	
03 21 11 00-0165	LF	#6, Grade 50, Elevated Slabs, Steel Reinforcement Bar	.....	1.93	
		For Up To 100, Add		1.43	
		For >100 To 200, Add		0.76	
		For >200 To 500, Add		0.30	
03 21 11 00-0166	LF	#3, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	0.56	
		For Up To 100, Add		0.40	
		For >100 To 200, Add		0.21	
		For >200 To 500, Add		0.09	
03 21 11 00-0167	LF	#4, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	0.96	
		For Up To 100, Add		0.70	
		For >100 To 200, Add		0.37	
		For >200 To 500, Add		0.15	
03 21 11 00-0168	LF	#5, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	1.45	
		For Up To 100, Add		1.07	
		For >100 To 200, Add		0.57	
		For >200 To 500, Add		0.23	
03 21 11 00-0169	LF	#6, Grade 60, Elevated Slabs, Steel Reinforcement Bar	.....	2.01	
		For Up To 100, Add		1.51	
		For >100 To 200, Add		0.80	
		For >200 To 500, Add		0.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0170 LF #7, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	2.64	
For Up To 100, Add	1.56	
For >100 To 200, Add	0.90	
For >200 To 400, Add	0.42	
03 21 11 00-0171 LF #8, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	3.31	
For Up To 100, Add	1.99	
For >100 To 200, Add	1.14	
For >200 To 400, Add	0.54	
03 21 11 00-0172 LF #9, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	4.10	
For Up To 100, Add	2.50	
For >100 To 200, Add	1.42	
For >200 To 400, Add	0.68	
03 21 11 00-0173 LF #10, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	5.03	
For Up To 100, Add	2.51	
For >100 To 200, Add	1.34	
For >200 To 300, Add	0.67	
03 21 11 00-0174 LF #11, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	6.01	
For Up To 100, Add	3.04	
For >100 To 200, Add	1.62	
For >200 To 300, Add	0.81	
03 21 11 00-0175 LF #14, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	8.38	
For Up To 100, Add	4.30	
For >100 To 200, Add	2.27	
For >200 To 300, Add	1.14	
03 21 11 00-0176 LF #18, Grade 60, Elevated Slabs, Steel Reinforcement Bar.....	14.43	
For Up To 100, Add	7.50	
For >100 To 200, Add	3.94	
For >200 To 300, Add	1.97	
03 21 11 00-0177 LF #6, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	2.09	
For Up To 100, Add	1.59	
For >100 To 200, Add	0.84	
For >200 To 500, Add	0.33	
03 21 11 00-0178 LF #7, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	2.75	
For Up To 100, Add	1.64	
For >100 To 200, Add	0.94	
For >200 To 400, Add	0.45	
03 21 11 00-0179 LF #8, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	3.45	
For Up To 100, Add	2.10	
For >100 To 200, Add	1.20	
For >200 To 400, Add	0.57	
03 21 11 00-0180 LF #9, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	4.27	
For Up To 100, Add	2.62	
For >100 To 200, Add	1.49	
For >200 To 400, Add	0.71	
03 21 11 00-0181 LF #10, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	5.25	
For Up To 100, Add	2.65	
For >100 To 200, Add	1.41	
For >200 To 300, Add	0.70	
03 21 11 00-0182 LF #11, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	6.29	
For Up To 100, Add	3.21	
For >100 To 200, Add	1.70	
For >200 To 300, Add	0.85	
03 21 11 00-0183 LF #14, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	8.78	
For Up To 100, Add	4.54	
For >100 To 200, Add	2.39	
For >200 To 300, Add	1.20	
03 21 11 00-0184 LF #18, Grade 75, Elevated Slabs, Steel Reinforcement Bar.....	15.13	
For Up To 100, Add	7.92	
For >100 To 200, Add	4.15	
For >200 To 300, Add	2.08	
03 21 11 00-0185 LF #3, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	0.58	
For Up To 100, Add	0.42	
For >100 To 200, Add	0.22	
For >200 To 500, Add	0.09	
03 21 11 00-0186 LF #4, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	0.99	
For Up To 100, Add	0.73	
For >100 To 200, Add	0.39	
For >200 To 500, Add	0.15	
03 21 11 00-0187 LF #5, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	1.49	
For Up To 100, Add	1.11	
For >100 To 200, Add	0.59	
For >200 To 500, Add	0.23	
03 21 11 00-0188 LF #6, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	2.07	
For Up To 100, Add	1.57	
For >100 To 200, Add	0.83	
For >200 To 500, Add	0.33	
03 21 11 00-0189 LF #7, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	2.72	
For Up To 100, Add	1.62	
For >100 To 200, Add	0.93	
For >200 To 400, Add	0.44	
03 21 11 00-0190 LF #8, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	3.41	
For Up To 100, Add	2.07	
For >100 To 200, Add	1.18	
For >200 To 400, Add	0.56	
03 21 11 00-0191 LF #9, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar.....	4.23	
For Up To 100, Add	2.59	
For >100 To 200, Add	1.47	
For >200 To 400, Add	0.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 21 11 00-0192	LF	#10, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	5.19	
		<i>For Up To 100, Add</i>	2.61	
		<i>For >100 To 200, Add</i>	1.39	
		<i>For >200 To 300, Add</i>	0.69	
03 21 11 00-0193	LF	#11, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	6.22	
		<i>For Up To 100, Add</i>	3.17	
		<i>For >100 To 200, Add</i>	1.68	
		<i>For >200 To 300, Add</i>	0.84	
03 21 11 00-0194	LF	#14, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	8.68	
		<i>For Up To 100, Add</i>	4.48	
		<i>For >100 To 200, Add</i>	2.36	
		<i>For >200 To 300, Add</i>	1.18	
03 21 11 00-0195	LF	#18, Grade 60, Elevated Slabs, Low Alloy Steel Reinforcement Bar	14.96	
		<i>For Up To 100, Add</i>	7.82	
		<i>For >100 To 200, Add</i>	4.10	
		<i>For >200 To 300, Add</i>	2.05	

03 21 11 00-0196 Walls, Steel Reinforcement Bar (03 21 11)

Note: ASTM A-615 Plain Steel and A-706 Low Alloy Steel.

03 21 11 00-0197	LF	#3, Grade 40, Walls, Steel Reinforcement Bar	0.51	
		<i>For Up To 100, Add</i>	0.36	
		<i>For >100 To 200, Add</i>	0.19	
		<i>For >200 To 500, Add</i>	0.08	
03 21 11 00-0198	LF	#4, Grade 40, Walls, Steel Reinforcement Bar	0.87	
		<i>For Up To 100, Add</i>	0.62	
		<i>For >100 To 200, Add</i>	0.33	
		<i>For >200 To 500, Add</i>	0.13	
03 21 11 00-0199	LF	#5, Grade 40, Walls, Steel Reinforcement Bar	1.31	
		<i>For Up To 100, Add</i>	0.96	
		<i>For >100 To 200, Add</i>	0.51	
		<i>For >200 To 500, Add</i>	0.20	
03 21 11 00-0200	LF	#6, Grade 40, Walls, Steel Reinforcement Bar	1.82	
		<i>For Up To 100, Add</i>	1.35	
		<i>For >100 To 200, Add</i>	0.72	
		<i>For >200 To 500, Add</i>	0.29	
03 21 11 00-0201	LF	#3, Grade 50, Walls, Steel Reinforcement Bar	0.52	
		<i>For Up To 100, Add</i>	0.37	
		<i>For >100 To 200, Add</i>	0.20	
		<i>For >200 To 500, Add</i>	0.08	
03 21 11 00-0202	LF	#4, Grade 50, Walls, Steel Reinforcement Bar	0.89	
		<i>For Up To 100, Add</i>	0.64	
		<i>For >100 To 200, Add</i>	0.34	
		<i>For >200 To 500, Add</i>	0.14	
03 21 11 00-0203	LF	#5, Grade 50, Walls, Steel Reinforcement Bar	1.35	
		<i>For Up To 100, Add</i>	1.00	
		<i>For >100 To 200, Add</i>	0.53	
		<i>For >200 To 500, Add</i>	0.21	
03 21 11 00-0204	LF	#6, Grade 50, Walls, Steel Reinforcement Bar	1.87	
		<i>For Up To 100, Add</i>	1.40	
		<i>For >100 To 200, Add</i>	0.74	
		<i>For >200 To 500, Add</i>	0.30	
03 21 11 00-0205	LF	#3, Grade 60, Walls, Steel Reinforcement Bar	0.54	
		<i>For Up To 100, Add</i>	0.39	
		<i>For >100 To 200, Add</i>	0.21	
		<i>For >200 To 500, Add</i>	0.08	
03 21 11 00-0206	LF	#4, Grade 60, Walls, Steel Reinforcement Bar	0.93	
		<i>For Up To 100, Add</i>	0.68	
		<i>For >100 To 200, Add</i>	0.36	
		<i>For >200 To 500, Add</i>	0.15	
03 21 11 00-0207	LF	#5, Grade 60, Walls, Steel Reinforcement Bar	1.40	
		<i>For Up To 100, Add</i>	1.05	
		<i>For >100 To 200, Add</i>	0.55	
		<i>For >200 To 500, Add</i>	0.22	
03 21 11 00-0208	LF	#6, Grade 60, Walls, Steel Reinforcement Bar	1.95	
		<i>For Up To 100, Add</i>	1.48	
		<i>For >100 To 200, Add</i>	0.78	
		<i>For >200 To 500, Add</i>	0.31	
03 21 11 00-0209	LF	#7, Grade 60, Walls, Steel Reinforcement Bar	2.55	
		<i>For Up To 100, Add</i>	1.53	
		<i>For >100 To 200, Add</i>	0.88	
		<i>For >200 To 400, Add</i>	0.41	
03 21 11 00-0210	LF	#8, Grade 60, Walls, Steel Reinforcement Bar	3.22	
		<i>For Up To 100, Add</i>	1.96	
		<i>For >100 To 200, Add</i>	1.12	
		<i>For >200 To 400, Add</i>	0.53	
03 21 11 00-0211	LF	#9, Grade 60, Walls, Steel Reinforcement Bar	4.00	
		<i>For Up To 100, Add</i>	2.46	
		<i>For >100 To 200, Add</i>	1.40	
		<i>For >200 To 400, Add</i>	0.67	
03 21 11 00-0212	LF	#10, Grade 60, Walls, Steel Reinforcement Bar	4.91	
		<i>For Up To 100, Add</i>	2.48	
		<i>For >100 To 200, Add</i>	1.32	
		<i>For >200 To 300, Add</i>	0.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0213 LF #11, Grade 60, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	5.88 3.00 1.59 0.79	
03 21 11 00-0214 LF #14, Grade 60, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	8.21 4.25 2.24 1.12	
03 21 11 00-0215 LF #18, Grade 60, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	14.15 7.42 3.89 1.94	
03 21 11 00-0216 LF #6, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	2.03 1.56 0.82 0.33	
03 21 11 00-0217 LF #7, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	2.66 1.61 0.92 0.44	
03 21 11 00-0218 LF #8, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	3.36 2.06 1.17 0.56	
03 21 11 00-0219 LF #9, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	4.17 2.59 1.47 0.70	
03 21 11 00-0220 LF #10, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	5.13 2.61 1.38 0.69	
03 21 11 00-0221 LF #11, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	6.16 3.17 1.67 0.84	
03 21 11 00-0222 LF #14, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	8.61 4.49 2.36 1.18	
03 21 11 00-0223 LF #18, Grade 75, Walls, Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	14.85 7.84 4.10 2.05	
03 21 11 00-0224 LF #3, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	0.56 0.41 0.22 0.09	
03 21 11 00-0225 LF #4, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	0.96 0.71 0.38 0.15	
03 21 11 00-0226 LF #5, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	1.44 1.09 0.57 0.23	
03 21 11 00-0227 LF #6, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	2.01 1.54 0.81 0.32	
03 21 11 00-0228 LF #7, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	2.63 1.59 0.91 0.43	
03 21 11 00-0229 LF #8, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	3.32 2.03 1.16 0.55	
03 21 11 00-0230 LF #9, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	4.13 2.56 1.45 0.69	
03 21 11 00-0231 LF #10, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	5.07 2.57 1.37 0.68	
03 21 11 00-0232 LF #11, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	6.09 3.13 1.65 0.83	
03 21 11 00-0233 LF #14, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	8.51 4.43 2.33 1.16	
03 21 11 00-0234 LF #18, Grade 60, Walls, Low Alloy Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	14.68 7.74 4.05 2.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 11 00-0235			Mechanical Joint Connection (03 21 11)		
03 21 11 00-0236			Thermal Type Mechanical Joint Connection (03 21 11 00-0235)		
03 21 11 00-0237	EA		Thermal Type Mechanical Joint Connection, Add Per Splice	215.04	
03 21 11 00-0238			Screwed Type Mechanical Joint Connection (03 21 11 00-0235)		
03 21 11 00-0239	EA		Screwed Type Mechanical Joint Connection, Add Per Splice.....	117.79	
03 21 11 00-0240			Deformed Straight Dowels (03 21 11)		
			Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.		
03 21 11 00-0241	EA		3/8" Diameter x 24" Long, Deformed Straight Dowel	2.86	
			For Up To 12" Length, Deduct	-0.34	
			For >12" To <24" Length, Deduct	-0.17	
03 21 11 00-0242	EA		1/2" Diameter x 24" Long, Deformed Straight Dowel	3.42	
			For Up To 12" Length, Deduct	-0.45	
			For >12" To <24" Length, Deduct	-0.23	
03 21 11 00-0243	EA		5/8" Diameter x 24" Long, Deformed Straight Dowel	4.19	
			For Up To 12" Length, Deduct	-0.71	
			For >12" To <24" Length, Deduct	-0.36	
03 21 11 00-0244	EA		3/4" Diameter x 24" Long, Deformed Straight Dowel	5.10	
			For Up To 12" Length, Deduct	-1.02	
			For >12" To <24" Length, Deduct	-0.51	
03 21 11 00-0245	EA		7/8" Diameter x 24" Long, Deformed Straight Dowel	6.04	
			For Up To 12" Length, Deduct	-1.43	
			For >12" To <24" Length, Deduct	-0.71	
03 21 11 00-0246	EA		1" Diameter x 24" Long, Deformed Straight Dowel	7.63	
			For Up To 12" Length, Deduct	-1.83	
			For >12" To <24" Length, Deduct	-0.92	
03 21 11 00-0247	EA		1-1/8" Diameter x 24" Long, Deformed Straight Dowel.....	8.99	
			For Up To 12" Length, Deduct	-2.26	
			For >12" To <24" Length, Deduct	-1.13	
03 21 11 00-0248	EA		1-1/4" Diameter x 24" Long, Deformed Straight Dowel.....	11.02	
			For Up To 12" Length, Deduct	-2.95	
			For >12" To <24" Length, Deduct	-1.47	
03 21 11 00-0249	EA		1-3/8" Diameter x 24" Long, Deformed Straight Dowel.....	13.11	
			For Up To 12" Length, Deduct	-3.64	
			For >12" To <24" Length, Deduct	-1.82	
03 21 11 00-0250			Spirals, Reinforcing Steel (03 21 11)		
03 21 11 00-0251	TON		Up To 15" Diameter, Grade 60, Spirals, Reinforcing Steel	3,446.74	
			For Grade 75, Add	134.43	
03 21 11 00-0252	TON		>15" To 24" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,407.03	
			For Grade 75, Add	134.43	
03 21 11 00-0253	TON		>24" To 36" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,376.75	
			For Grade 75, Add	134.43	
03 21 11 00-0254	TON		>36" To 48" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,327.22	
			For Grade 75, Add	134.43	
03 21 11 00-0255	TON		>48" To 64" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,260.24	
			For Grade 75, Add	134.43	
03 21 11 00-0256	TON		>64" To 84" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,238.09	
			For Grade 75, Add	137.74	
03 21 11 00-0257	TON		>84" To 96" Diameter, Grade 60, Spirals, Reinforcing Steel.....	3,182.02	
			For Grade 75, Add	137.74	
03 21 11 00-0258			Accessories For Reinforcing Steel (03 21 11)		
03 21 11 00-0259			Reinforcing Steel Lap-Weld Splice (03 21 11 00-0258)		
03 21 11 00-0260	EA		Up To #6 Reinforcing Steel Lap-Weld Splice.....	57.41	
03 21 11 00-0261	EA		>#6 Reinforcing Steel Lap-Weld Splice	91.14	
03 21 11 00-0262			Reinforcing Steel Sleeve And Wedge Splice Joint (03 21 11 00-0258)		
03 21 11 00-0263	EA		Up To #4 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	31.28	
03 21 11 00-0264	EA		#5 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	47.13	
03 21 11 00-0265	EA		#6 Reinforcing Steel, Sleeve And Wedge Splice Joint.....	69.61	
03 21 13			Galvanized Reinforcement Steel Bars (03 21)		
03 21 13 00-0001			Beams And Girders, Galvanized Steel Reinforcement Bar (03 21 13)		
			Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0002	LF		#3, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	0.78	
			For Up To 100, Add	0.55	
			For >100 To 200, Add	0.29	
			For >200 To 500, Add	0.12	
03 21 13 00-0003	LF		#4, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.33	
			For Up To 100, Add	0.95	
			For >100 To 200, Add	0.51	
			For >200 To 500, Add	0.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0004 LF #5, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.00	
<i>For Up To 100, Add</i>	1.45	
<i>For >100 To 200, Add</i>	0.77	
<i>For >200 To 500, Add</i>	0.31	
03 21 13 00-0005 LF #6, Grade 40, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.78	
<i>For Up To 100, Add</i>	2.05	
<i>For >100 To 200, Add</i>	1.09	
<i>For >200 To 500, Add</i>	0.44	
03 21 13 00-0006 LF #3, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	0.80	
<i>For Up To 100, Add</i>	0.57	
<i>For >100 To 200, Add</i>	0.30	
<i>For >200 To 500, Add</i>	0.12	
03 21 13 00-0007 LF #4, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.35	
<i>For Up To 100, Add</i>	0.97	
<i>For >100 To 200, Add</i>	0.52	
<i>For >200 To 500, Add</i>	0.21	
03 21 13 00-0008 LF #5, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.04	
<i>For Up To 100, Add</i>	1.49	
<i>For >100 To 200, Add</i>	0.79	
<i>For >200 To 500, Add</i>	0.32	
03 21 13 00-0009 LF #6, Grade 50, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.83	
<i>For Up To 100, Add</i>	2.10	
<i>For >100 To 200, Add</i>	1.11	
<i>For >200 To 500, Add</i>	0.45	
03 21 13 00-0010 LF #3, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	0.82	
<i>For Up To 100, Add</i>	0.59	
<i>For >100 To 200, Add</i>	0.31	
<i>For >200 To 500, Add</i>	0.13	
03 21 13 00-0011 LF #4, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	1.39	
<i>For Up To 100, Add</i>	1.01	
<i>For >100 To 200, Add</i>	0.54	
<i>For >200 To 500, Add</i>	0.22	
03 21 13 00-0012 LF #5, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.09	
<i>For Up To 100, Add</i>	1.54	
<i>For >100 To 200, Add</i>	0.82	
<i>For >200 To 500, Add</i>	0.33	
03 21 13 00-0013 LF #6, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.91	
<i>For Up To 100, Add</i>	2.18	
<i>For >100 To 200, Add</i>	1.15	
<i>For >200 To 500, Add</i>	0.46	
03 21 13 00-0014 LF #7, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.81	
<i>For Up To 100, Add</i>	2.26	
<i>For >100 To 200, Add</i>	1.30	
<i>For >200 To 400, Add</i>	0.61	
03 21 13 00-0015 LF #8, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	4.78	
<i>For Up To 100, Add</i>	2.88	
<i>For >100 To 200, Add</i>	1.65	
<i>For >200 To 400, Add</i>	0.78	
03 21 13 00-0016 LF #9, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	5.91	
<i>For Up To 100, Add</i>	3.61	
<i>For >100 To 200, Add</i>	2.06	
<i>For >200 To 400, Add</i>	0.98	
03 21 13 00-0017 LF #10, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	7.26	
<i>For Up To 100, Add</i>	3.64	
<i>For >100 To 200, Add</i>	1.94	
<i>For >200 To 300, Add</i>	0.97	
03 21 13 00-0018 LF #11, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	8.69	
<i>For Up To 100, Add</i>	4.41	
<i>For >100 To 200, Add</i>	2.34	
<i>For >200 To 300, Add</i>	1.17	
03 21 13 00-0019 LF #14, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	12.13	
<i>For Up To 100, Add</i>	6.24	
<i>For >100 To 200, Add</i>	3.29	
<i>For >200 To 300, Add</i>	1.65	
03 21 13 00-0020 LF #18, Grade 60, Beams And Girders, Galvanized Steel Reinforcement Bar.....	20.88	
<i>For Up To 100, Add</i>	10.88	
<i>For >100 To 200, Add</i>	5.72	
<i>For >200 To 300, Add</i>	2.86	
03 21 13 00-0021 LF #6, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	2.99	
<i>For Up To 100, Add</i>	2.26	
<i>For >100 To 200, Add</i>	1.19	
<i>For >200 To 500, Add</i>	0.48	
03 21 13 00-0022 LF #7, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	3.92	
<i>For Up To 100, Add</i>	2.34	
<i>For >100 To 200, Add</i>	1.34	
<i>For >200 To 400, Add</i>	0.63	
03 21 13 00-0023 LF #8, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	4.92	
<i>For Up To 100, Add</i>	2.99	
<i>For >100 To 200, Add</i>	1.70	
<i>For >200 To 400, Add</i>	0.81	
03 21 13 00-0024 LF #9, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	6.08	
<i>For Up To 100, Add</i>	3.74	
<i>For >100 To 200, Add</i>	2.12	
<i>For >200 To 400, Add</i>	1.01	
03 21 13 00-0025 LF #10, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar.....	7.48	
<i>For Up To 100, Add</i>	3.77	
<i>For >100 To 200, Add</i>	2.01	
<i>For >200 To 300, Add</i>	1.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0026	LF	#11, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	8.97	
			<i>For Up To 100, Add</i>	4.58	
			<i>For >100 To 200, Add</i>	2.42	
			<i>For >200 To 300, Add</i>	1.21	
03 21	13 00-0027	LF	#14, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	12.52	
			<i>For Up To 100, Add</i>	6.47	
			<i>For >100 To 200, Add</i>	3.41	
			<i>For >200 To 300, Add</i>	1.70	
03 21	13 00-0028	LF	#18, Grade 75, Beams And Girders, Galvanized Steel Reinforcement Bar	21.59	
			<i>For Up To 100, Add</i>	11.31	
			<i>For >100 To 200, Add</i>	5.93	
			<i>For >200 To 300, Add</i>	2.96	
03 21	13 00-0029		Columns, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>		
			Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21	13 00-0030	LF	#3, Grade 40, Columns, Galvanized Steel Reinforcement Bar	0.81	
			<i>For Up To 100, Add</i>	0.56	
			<i>For >100 To 200, Add</i>	0.30	
			<i>For >200 To 500, Add</i>	0.12	
03 21	13 00-0031	LF	#4, Grade 40, Columns, Galvanized Steel Reinforcement Bar	1.40	
			<i>For Up To 100, Add</i>	0.98	
			<i>For >100 To 200, Add</i>	0.53	
			<i>For >200 To 500, Add</i>	0.21	
03 21	13 00-0032	LF	#5, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.09	
			<i>For Up To 100, Add</i>	1.49	
			<i>For >100 To 200, Add</i>	0.80	
			<i>For >200 To 500, Add</i>	0.32	
03 21	13 00-0033	LF	#6, Grade 40, Columns, Galvanized Steel Reinforcement Bar	2.91	
			<i>For Up To 100, Add</i>	2.11	
			<i>For >100 To 200, Add</i>	1.12	
			<i>For >200 To 500, Add</i>	0.45	
03 21	13 00-0034	LF	#3, Grade 50, Columns, Galvanized Steel Reinforcement Bar	0.83	
			<i>For Up To 100, Add</i>	0.58	
			<i>For >100 To 200, Add</i>	0.31	
			<i>For >200 To 500, Add</i>	0.12	
03 21	13 00-0035	LF	#4, Grade 50, Columns, Galvanized Steel Reinforcement Bar	1.42	
			<i>For Up To 100, Add</i>	1.00	
			<i>For >100 To 200, Add</i>	0.54	
			<i>For >200 To 500, Add</i>	0.21	
03 21	13 00-0036	LF	#5, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.13	
			<i>For Up To 100, Add</i>	1.53	
			<i>For >100 To 200, Add</i>	0.82	
			<i>For >200 To 500, Add</i>	0.33	
03 21	13 00-0037	LF	#6, Grade 50, Columns, Galvanized Steel Reinforcement Bar	2.96	
			<i>For Up To 100, Add</i>	2.16	
			<i>For >100 To 200, Add</i>	1.15	
			<i>For >200 To 500, Add</i>	0.46	
03 21	13 00-0038	LF	#3, Grade 60, Columns, Galvanized Steel Reinforcement Bar	0.85	
			<i>For Up To 100, Add</i>	0.60	
			<i>For >100 To 200, Add</i>	0.32	
			<i>For >200 To 500, Add</i>	0.13	
03 21	13 00-0039	LF	#4, Grade 60, Columns, Galvanized Steel Reinforcement Bar	1.46	
			<i>For Up To 100, Add</i>	1.04	
			<i>For >100 To 200, Add</i>	0.56	
			<i>For >200 To 500, Add</i>	0.22	
03 21	13 00-0040	LF	#5, Grade 60, Columns, Galvanized Steel Reinforcement Bar	2.18	
			<i>For Up To 100, Add</i>	1.58	
			<i>For >100 To 200, Add</i>	0.84	
			<i>For >200 To 500, Add</i>	0.34	
03 21	13 00-0041	LF	#6, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.04	
			<i>For Up To 100, Add</i>	2.24	
			<i>For >100 To 200, Add</i>	1.19	
			<i>For >200 To 500, Add</i>	0.47	
03 21	13 00-0042	LF	#7, Grade 60, Columns, Galvanized Steel Reinforcement Bar	3.96	
			<i>For Up To 100, Add</i>	2.31	
			<i>For >100 To 200, Add</i>	1.34	
			<i>For >200 To 400, Add</i>	0.63	
03 21	13 00-0043	LF	#8, Grade 60, Columns, Galvanized Steel Reinforcement Bar	4.95	
			<i>For Up To 100, Add</i>	2.94	
			<i>For >100 To 200, Add</i>	1.69	
			<i>For >200 To 400, Add</i>	0.80	
03 21	13 00-0044	LF	#9, Grade 60, Columns, Galvanized Steel Reinforcement Bar	6.11	
			<i>For Up To 100, Add</i>	3.68	
			<i>For >100 To 200, Add</i>	2.11	
			<i>For >200 To 400, Add</i>	1.00	
03 21	13 00-0045	LF	#10, Grade 60, Columns, Galvanized Steel Reinforcement Bar	7.49	
			<i>For Up To 100, Add</i>	3.71	
			<i>For >100 To 200, Add</i>	1.99	
			<i>For >200 To 300, Add</i>	0.99	
03 21	13 00-0046	LF	#11, Grade 60, Columns, Galvanized Steel Reinforcement Bar	8.95	
			<i>For Up To 100, Add</i>	4.49	
			<i>For >100 To 200, Add</i>	2.39	
			<i>For >200 To 300, Add</i>	1.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0047 LF #14, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	12.49	
<i>For Up To 100, Add</i>	6.35	
<i>For >100 To 200, Add</i>	3.36	
<i>For >200 To 300, Add</i>	1.68	
03 21 13 00-0048 LF #18, Grade 60, Columns, Galvanized Steel Reinforcement Bar.....	21.43	
<i>For Up To 100, Add</i>	11.05	
<i>For >100 To 200, Add</i>	5.83	
<i>For >200 To 300, Add</i>	2.91	
03 21 13 00-0049 LF #6, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	3.12	
<i>For Up To 100, Add</i>	2.32	
<i>For >100 To 200, Add</i>	1.23	
<i>For >200 To 500, Add</i>	0.49	
03 21 13 00-0050 LF #7, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	4.07	
<i>For Up To 100, Add</i>	2.39	
<i>For >100 To 200, Add</i>	1.38	
<i>For >200 To 400, Add</i>	0.65	
03 21 13 00-0051 LF #8, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	5.09	
<i>For Up To 100, Add</i>	3.05	
<i>For >100 To 200, Add</i>	1.75	
<i>For >200 To 400, Add</i>	0.83	
03 21 13 00-0052 LF #9, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	6.28	
<i>For Up To 100, Add</i>	3.81	
<i>For >100 To 200, Add</i>	2.17	
<i>For >200 To 400, Add</i>	1.03	
03 21 13 00-0053 LF #10, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	7.71	
<i>For Up To 100, Add</i>	3.84	
<i>For >100 To 200, Add</i>	2.05	
<i>For >200 To 300, Add</i>	1.03	
03 21 13 00-0054 LF #11, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	9.23	
<i>For Up To 100, Add</i>	4.66	
<i>For >100 To 200, Add</i>	2.48	
<i>For >200 To 300, Add</i>	1.24	
03 21 13 00-0055 LF #14, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	12.88	
<i>For Up To 100, Add</i>	6.58	
<i>For >100 To 200, Add</i>	3.48	
<i>For >200 To 300, Add</i>	1.74	
03 21 13 00-0056 LF #18, Grade 75, Columns, Galvanized Steel Reinforcement Bar.....	22.14	
<i>For Up To 100, Add</i>	11.47	
<i>For >100 To 200, Add</i>	6.04	
<i>For >200 To 300, Add</i>	3.02	

03 21 13 00-0057 Footings, Galvanized Steel Reinforcement Bar (03 21 13)

Note: ASTM A-767 Hot Dipped Galvanized Steel.

03 21 13 00-0058 LF #3, Grade 40, Footings, Galvanized Steel Reinforcement Bar.....	0.72	
<i>For Up To 100, Add</i>	0.52	
<i>For >100 To 200, Add</i>	0.28	
<i>For >200 To 500, Add</i>	0.11	
03 21 13 00-0059 LF #4, Grade 40, Footings, Galvanized Steel Reinforcement Bar.....	1.24	
<i>For Up To 100, Add</i>	0.92	
<i>For >100 To 200, Add</i>	0.49	
<i>For >200 To 500, Add</i>	0.19	
03 21 13 00-0060 LF #5, Grade 40, Footings, Galvanized Steel Reinforcement Bar.....	1.87	
<i>For Up To 100, Add</i>	1.40	
<i>For >100 To 200, Add</i>	0.74	
<i>For >200 To 500, Add</i>	0.30	
03 21 13 00-0061 LF #6, Grade 40, Footings, Galvanized Steel Reinforcement Bar.....	2.60	
<i>For Up To 100, Add</i>	1.98	
<i>For >100 To 200, Add</i>	1.04	
<i>For >200 To 500, Add</i>	0.42	
03 21 13 00-0062 LF #3, Grade 50, Footings, Galvanized Steel Reinforcement Bar.....	0.74	
<i>For Up To 100, Add</i>	0.54	
<i>For >100 To 200, Add</i>	0.29	
<i>For >200 To 500, Add</i>	0.12	
03 21 13 00-0063 LF #4, Grade 50, Footings, Galvanized Steel Reinforcement Bar.....	1.26	
<i>For Up To 100, Add</i>	0.94	
<i>For >100 To 200, Add</i>	0.50	
<i>For >200 To 500, Add</i>	0.20	
03 21 13 00-0064 LF #5, Grade 50, Footings, Galvanized Steel Reinforcement Bar.....	1.91	
<i>For Up To 100, Add</i>	1.44	
<i>For >100 To 200, Add</i>	0.76	
<i>For >200 To 500, Add</i>	0.30	
03 21 13 00-0065 LF #6, Grade 50, Footings, Galvanized Steel Reinforcement Bar.....	2.65	
<i>For Up To 100, Add</i>	2.03	
<i>For >100 To 200, Add</i>	1.07	
<i>For >200 To 500, Add</i>	0.43	
03 21 13 00-0066 LF #3, Grade 60, Footings, Galvanized Steel Reinforcement Bar.....	0.76	
<i>For Up To 100, Add</i>	0.56	
<i>For >100 To 200, Add</i>	0.30	
<i>For >200 To 500, Add</i>	0.12	
03 21 13 00-0067 LF #4, Grade 60, Footings, Galvanized Steel Reinforcement Bar.....	1.30	
<i>For Up To 100, Add</i>	0.98	
<i>For >100 To 200, Add</i>	0.52	
<i>For >200 To 500, Add</i>	0.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0068	LF	#5, Grade 60, Footings, Galvanized Steel Reinforcement Bar	1.96	
			<i>For Up To 100, Add</i>	1.49	
			<i>For >100 To 200, Add</i>	0.79	
			<i>For >200 To 500, Add</i>	0.31	
03 21	13 00-0069	LF	#6, Grade 60, Footings, Galvanized Steel Reinforcement Bar	2.73	
			<i>For Up To 100, Add</i>	2.11	
			<i>For >100 To 200, Add</i>	1.11	
			<i>For >200 To 500, Add</i>	0.44	
03 21	13 00-0070	LF	#7, Grade 60, Footings, Galvanized Steel Reinforcement Bar	3.59	
			<i>For Up To 100, Add</i>	2.18	
			<i>For >100 To 200, Add</i>	1.24	
			<i>For >200 To 400, Add</i>	0.59	
03 21	13 00-0071	LF	#8, Grade 60, Footings, Galvanized Steel Reinforcement Bar	4.52	
			<i>For Up To 100, Add</i>	2.79	
			<i>For >100 To 200, Add</i>	1.58	
			<i>For >200 To 400, Add</i>	0.75	
03 21	13 00-0072	LF	#9, Grade 60, Footings, Galvanized Steel Reinforcement Bar	5.60	
			<i>For Up To 100, Add</i>	3.50	
			<i>For >100 To 200, Add</i>	1.98	
			<i>For >200 To 400, Add</i>	0.95	
03 21	13 00-0073	LF	#10, Grade 60, Footings, Galvanized Steel Reinforcement Bar	6.90	
			<i>For Up To 100, Add</i>	3.53	
			<i>For >100 To 200, Add</i>	1.87	
			<i>For >200 To 300, Add</i>	0.93	
03 21	13 00-0074	LF	#11, Grade 60, Footings, Galvanized Steel Reinforcement Bar	8.29	
			<i>For Up To 100, Add</i>	4.29	
			<i>For >100 To 200, Add</i>	2.26	
			<i>For >200 To 300, Add</i>	1.13	
03 21	13 00-0075	LF	#14, Grade 60, Footings, Galvanized Steel Reinforcement Bar	11.61	
			<i>For Up To 100, Add</i>	6.08	
			<i>For >100 To 200, Add</i>	3.19	
			<i>For >200 To 300, Add</i>	1.59	
03 21	13 00-0076	LF	#18, Grade 60, Footings, Galvanized Steel Reinforcement Bar	20.05	
			<i>For Up To 100, Add</i>	10.63	
			<i>For >100 To 200, Add</i>	5.55	
			<i>For >200 To 300, Add</i>	2.77	
03 21	13 00-0077	LF	#6, Grade 75, Footings, Galvanized Steel Reinforcement Bar	2.81	
			<i>For Up To 100, Add</i>	2.19	
			<i>For >100 To 200, Add</i>	1.15	
			<i>For >200 To 500, Add</i>	0.46	
03 21	13 00-0078	LF	#7, Grade 75, Footings, Galvanized Steel Reinforcement Bar	3.70	
			<i>For Up To 100, Add</i>	2.26	
			<i>For >100 To 200, Add</i>	1.29	
			<i>For >200 To 400, Add</i>	0.61	
03 21	13 00-0079	LF	#8, Grade 75, Footings, Galvanized Steel Reinforcement Bar	4.66	
			<i>For Up To 100, Add</i>	2.90	
			<i>For >100 To 200, Add</i>	1.64	
			<i>For >200 To 400, Add</i>	0.78	
03 21	13 00-0080	LF	#9, Grade 75, Footings, Galvanized Steel Reinforcement Bar	5.77	
			<i>For Up To 100, Add</i>	3.63	
			<i>For >100 To 200, Add</i>	2.05	
			<i>For >200 To 400, Add</i>	0.98	
03 21	13 00-0081	LF	#10, Grade 75, Footings, Galvanized Steel Reinforcement Bar	7.12	
			<i>For Up To 100, Add</i>	3.66	
			<i>For >100 To 200, Add</i>	1.93	
			<i>For >200 To 300, Add</i>	0.97	
03 21	13 00-0082	LF	#11, Grade 75, Footings, Galvanized Steel Reinforcement Bar	8.57	
			<i>For Up To 100, Add</i>	4.46	
			<i>For >100 To 200, Add</i>	2.34	
			<i>For >200 To 300, Add</i>	1.17	
03 21	13 00-0083	LF	#14, Grade 75, Footings, Galvanized Steel Reinforcement Bar	12.00	
			<i>For Up To 100, Add</i>	6.32	
			<i>For >100 To 200, Add</i>	3.31	
			<i>For >200 To 300, Add</i>	1.65	
03 21	13 00-0084	LF	#18, Grade 75, Footings, Galvanized Steel Reinforcement Bar	20.76	
			<i>For Up To 100, Add</i>	11.06	
			<i>For >100 To 200, Add</i>	5.76	
			<i>For >200 To 300, Add</i>	2.88	
03 21	13 00-0085		Slab On Grade, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>		
			Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21	13 00-0086	LF	#3, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	0.70	
			<i>For Up To 100, Add</i>	0.51	
			<i>For >100 To 200, Add</i>	0.27	
			<i>For >200 To 500, Add</i>	0.11	
03 21	13 00-0087	LF	#4, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.21	
			<i>For Up To 100, Add</i>	0.90	
			<i>For >100 To 200, Add</i>	0.48	
			<i>For >200 To 500, Add</i>	0.19	
03 21	13 00-0088	LF	#5, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	1.82	
			<i>For Up To 100, Add</i>	1.38	
			<i>For >100 To 200, Add</i>	0.73	
			<i>For >200 To 500, Add</i>	0.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0089 LF #6, Grade 40, Slab On Grade, Galvanized Steel Reinforcement Bar	2.53	
<i>For Up To 100, Add</i>	1.95	
<i>For >100 To 200, Add</i>	1.03	
<i>For >200 To 500, Add</i>	0.41	
03 21 13 00-0090 LF #3, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	0.72	
<i>For Up To 100, Add</i>	0.53	
<i>For >100 To 200, Add</i>	0.28	
<i>For >200 To 500, Add</i>	0.11	
03 21 13 00-0091 LF #4, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.23	
<i>For Up To 100, Add</i>	0.92	
<i>For >100 To 200, Add</i>	0.49	
<i>For >200 To 500, Add</i>	0.20	
03 21 13 00-0092 LF #5, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	1.86	
<i>For Up To 100, Add</i>	1.42	
<i>For >100 To 200, Add</i>	0.75	
<i>For >200 To 500, Add</i>	0.30	
03 21 13 00-0093 LF #6, Grade 50, Slab On Grade, Galvanized Steel Reinforcement Bar	2.58	
<i>For Up To 100, Add</i>	2.00	
<i>For >100 To 200, Add</i>	1.05	
<i>For >200 To 500, Add</i>	0.42	
03 21 13 00-0094 LF #3, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	0.74	
<i>For Up To 100, Add</i>	0.55	
<i>For >100 To 200, Add</i>	0.29	
<i>For >200 To 500, Add</i>	0.12	
03 21 13 00-0095 LF #4, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.27	
<i>For Up To 100, Add</i>	0.96	
<i>For >100 To 200, Add</i>	0.51	
<i>For >200 To 500, Add</i>	0.20	
03 21 13 00-0096 LF #5, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	1.91	
<i>For Up To 100, Add</i>	1.47	
<i>For >100 To 200, Add</i>	0.77	
<i>For >200 To 500, Add</i>	0.31	
03 21 13 00-0097 LF #6, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	2.66	
<i>For Up To 100, Add</i>	2.08	
<i>For >100 To 200, Add</i>	1.09	
<i>For >200 To 500, Add</i>	0.44	
03 21 13 00-0098 LF #7, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	3.52	
<i>For Up To 100, Add</i>	2.16	
<i>For >100 To 200, Add</i>	1.23	
<i>For >200 To 400, Add</i>	0.58	
03 21 13 00-0099 LF #8, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	4.43	
<i>For Up To 100, Add</i>	2.76	
<i>For >100 To 200, Add</i>	1.56	
<i>For >200 To 400, Add</i>	0.75	
03 21 13 00-0100 LF #9, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	5.50	
<i>For Up To 100, Add</i>	3.47	
<i>For >100 To 200, Add</i>	1.95	
<i>For >200 To 400, Add</i>	0.94	
03 21 13 00-0101 LF #10, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	6.78	
<i>For Up To 100, Add</i>	3.50	
<i>For >100 To 200, Add</i>	1.84	
<i>For >200 To 300, Add</i>	0.92	
03 21 13 00-0102 LF #11, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	8.16	
<i>For Up To 100, Add</i>	4.25	
<i>For >100 To 200, Add</i>	2.23	
<i>For >200 To 300, Add</i>	1.12	
03 21 13 00-0103 LF #14, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	11.43	
<i>For Up To 100, Add</i>	6.03	
<i>For >100 To 200, Add</i>	3.15	
<i>For >200 To 300, Add</i>	1.58	
03 21 13 00-0104 LF #18, Grade 60, Slab On Grade, Galvanized Steel Reinforcement Bar	19.78	
<i>For Up To 100, Add</i>	10.55	
<i>For >100 To 200, Add</i>	5.50	
<i>For >200 To 300, Add</i>	2.75	
03 21 13 00-0105 LF #6, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	2.74	
<i>For Up To 100, Add</i>	2.16	
<i>For >100 To 200, Add</i>	1.13	
<i>For >200 To 500, Add</i>	0.45	
03 21 13 00-0106 LF #7, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	3.63	
<i>For Up To 100, Add</i>	2.24	
<i>For >100 To 200, Add</i>	1.27	
<i>For >200 To 400, Add</i>	0.61	
03 21 13 00-0107 LF #8, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	4.57	
<i>For Up To 100, Add</i>	2.86	
<i>For >100 To 200, Add</i>	1.62	
<i>For >200 To 400, Add</i>	0.77	
03 21 13 00-0108 LF #9, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	5.67	
<i>For Up To 100, Add</i>	3.59	
<i>For >100 To 200, Add</i>	2.02	
<i>For >200 To 400, Add</i>	0.97	
03 21 13 00-0109 LF #10, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	7.00	
<i>For Up To 100, Add</i>	3.63	
<i>For >100 To 200, Add</i>	1.91	
<i>For >200 To 300, Add</i>	0.95	
03 21 13 00-0110 LF #11, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	8.44	
<i>For Up To 100, Add</i>	4.42	
<i>For >100 To 200, Add</i>	2.32	
<i>For >200 To 300, Add</i>	1.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0111	LF	#14, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	11.82	
			For Up To 100, Add	6.26	
			For >100 To 200, Add	3.27	
			For >200 To 300, Add	1.63	
03 21	13 00-0112	LF	#18, Grade 75, Slab On Grade, Galvanized Steel Reinforcement Bar	20.49	
			For Up To 100, Add	10.98	
			For >100 To 200, Add	5.71	
			For >200 To 300, Add	2.85	
03 21	13 00-0113		Elevated Slabs, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>		
			Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21	13 00-0114	LF	#3, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.66	
			For Up To 100, Add	0.50	
			For >100 To 200, Add	0.26	
			For >200 To 500, Add	0.11	
03 21	13 00-0115	LF	#4, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.14	
			For Up To 100, Add	0.88	
			For >100 To 200, Add	0.46	
			For >200 To 500, Add	0.18	
03 21	13 00-0116	LF	#5, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.73	
			For Up To 100, Add	1.35	
			For >100 To 200, Add	0.71	
			For >200 To 500, Add	0.28	
03 21	13 00-0117	LF	#6, Grade 40, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.41	
			For Up To 100, Add	1.91	
			For >100 To 200, Add	1.00	
			For >200 To 500, Add	0.40	
03 21	13 00-0118	LF	#3, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.68	
			For Up To 100, Add	0.52	
			For >100 To 200, Add	0.27	
			For >200 To 500, Add	0.11	
03 21	13 00-0119	LF	#4, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.16	
			For Up To 100, Add	0.90	
			For >100 To 200, Add	0.47	
			For >200 To 500, Add	0.19	
03 21	13 00-0120	LF	#5, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.77	
			For Up To 100, Add	1.39	
			For >100 To 200, Add	0.73	
			For >200 To 500, Add	0.29	
03 21	13 00-0121	LF	#6, Grade 50, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.46	
			For Up To 100, Add	1.96	
			For >100 To 200, Add	1.02	
			For >200 To 500, Add	0.41	
03 21	13 00-0122	LF	#3, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	0.70	
			For Up To 100, Add	0.54	
			For >100 To 200, Add	0.28	
			For >200 To 500, Add	0.11	
03 21	13 00-0123	LF	#4, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.20	
			For Up To 100, Add	0.94	
			For >100 To 200, Add	0.49	
			For >200 To 500, Add	0.20	
03 21	13 00-0124	LF	#5, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	1.82	
			For Up To 100, Add	1.44	
			For >100 To 200, Add	0.75	
			For >200 To 500, Add	0.30	
03 21	13 00-0125	LF	#6, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.54	
			For Up To 100, Add	2.04	
			For >100 To 200, Add	1.06	
			For >200 To 500, Add	0.42	
03 21	13 00-0126	LF	#7, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.36	
			For Up To 100, Add	2.10	
			For >100 To 200, Add	1.19	
			For >200 To 400, Add	0.57	
03 21	13 00-0127	LF	#8, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.25	
			For Up To 100, Add	2.70	
			For >100 To 200, Add	1.52	
			For >200 To 400, Add	0.73	
03 21	13 00-0128	LF	#9, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.30	
			For Up To 100, Add	3.40	
			For >100 To 200, Add	1.90	
			For >200 To 400, Add	0.92	
03 21	13 00-0129	LF	#10, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.55	
			For Up To 100, Add	3.43	
			For >100 To 200, Add	1.80	
			For >200 To 300, Add	0.90	
03 21	13 00-0130	LF	#11, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	7.89	
			For Up To 100, Add	4.17	
			For >100 To 200, Add	2.18	
			For >200 To 300, Add	1.09	
03 21	13 00-0131	LF	#14, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.09	
			For Up To 100, Add	5.93	
			For >100 To 200, Add	3.08	
			For >200 To 300, Add	1.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 13 00-0132 LF #18, Grade 60, Elevated Slabs, Galvanized Steel Reinforcement Bar	19.24	
<i>For Up To 100, Add</i>	10.39	
<i>For >100 To 200, Add</i>	5.39	
<i>For >200 To 300, Add</i>	2.69	
03 21 13 00-0133 LF #6, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	2.62	
<i>For Up To 100, Add</i>	2.12	
<i>For >100 To 200, Add</i>	1.10	
<i>For >200 To 500, Add</i>	0.44	
03 21 13 00-0134 LF #7, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	3.47	
<i>For Up To 100, Add</i>	2.18	
<i>For >100 To 200, Add</i>	1.23	
<i>For >200 To 400, Add</i>	0.59	
03 21 13 00-0135 LF #8, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	4.39	
<i>For Up To 100, Add</i>	2.80	
<i>For >100 To 200, Add</i>	1.57	
<i>For >200 To 400, Add</i>	0.76	
03 21 13 00-0136 LF #9, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	5.47	
<i>For Up To 100, Add</i>	3.52	
<i>For >100 To 200, Add</i>	1.97	
<i>For >200 To 400, Add</i>	0.95	
03 21 13 00-0137 LF #10, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	6.77	
<i>For Up To 100, Add</i>	3.56	
<i>For >100 To 200, Add</i>	1.86	
<i>For >200 To 300, Add</i>	0.93	
03 21 13 00-0138 LF #11, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	8.17	
<i>For Up To 100, Add</i>	4.34	
<i>For >100 To 200, Add</i>	2.26	
<i>For >200 To 300, Add</i>	1.13	
03 21 13 00-0139 LF #14, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	11.48	
<i>For Up To 100, Add</i>	6.16	
<i>For >100 To 200, Add</i>	3.20	
<i>For >200 To 300, Add</i>	1.60	
03 21 13 00-0140 LF #18, Grade 75, Elevated Slabs, Galvanized Steel Reinforcement Bar	19.95	
<i>For Up To 100, Add</i>	10.82	
<i>For >100 To 200, Add</i>	5.60	
<i>For >200 To 300, Add</i>	2.80	
03 21 13 00-0141 Walls, Galvanized Steel Reinforcement Bar <small>(03 21 13)</small>		
Note: ASTM A-767 Hot Dipped Galvanized Steel.		
03 21 13 00-0142 LF #3, Grade 40, Walls, Galvanized Steel Reinforcement Bar	0.64	
<i>For Up To 100, Add</i>	0.49	
<i>For >100 To 200, Add</i>	0.26	
<i>For >200 To 500, Add</i>	0.10	
03 21 13 00-0143 LF #4, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.11	
<i>For Up To 100, Add</i>	0.86	
<i>For >100 To 200, Add</i>	0.45	
<i>For >200 To 500, Add</i>	0.18	
03 21 13 00-0144 LF #5, Grade 40, Walls, Galvanized Steel Reinforcement Bar	1.68	
<i>For Up To 100, Add</i>	1.33	
<i>For >100 To 200, Add</i>	0.69	
<i>For >200 To 500, Add</i>	0.28	
03 21 13 00-0145 LF #6, Grade 40, Walls, Galvanized Steel Reinforcement Bar	2.35	
<i>For Up To 100, Add</i>	1.88	
<i>For >100 To 200, Add</i>	0.98	
<i>For >200 To 500, Add</i>	0.39	
03 21 13 00-0146 LF #3, Grade 50, Walls, Galvanized Steel Reinforcement Bar	0.66	
<i>For Up To 100, Add</i>	0.51	
<i>For >100 To 200, Add</i>	0.27	
<i>For >200 To 500, Add</i>	0.11	
03 21 13 00-0147 LF #4, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.13	
<i>For Up To 100, Add</i>	0.88	
<i>For >100 To 200, Add</i>	0.46	
<i>For >200 To 500, Add</i>	0.19	
03 21 13 00-0148 LF #5, Grade 50, Walls, Galvanized Steel Reinforcement Bar	1.72	
<i>For Up To 100, Add</i>	1.37	
<i>For >100 To 200, Add</i>	0.71	
<i>For >200 To 500, Add</i>	0.29	
03 21 13 00-0149 LF #6, Grade 50, Walls, Galvanized Steel Reinforcement Bar	2.40	
<i>For Up To 100, Add</i>	1.93	
<i>For >100 To 200, Add</i>	1.01	
<i>For >200 To 500, Add</i>	0.40	
03 21 13 00-0150 LF #3, Grade 60, Walls, Galvanized Steel Reinforcement Bar	0.68	
<i>For Up To 100, Add</i>	0.53	
<i>For >100 To 200, Add</i>	0.28	
<i>For >200 To 500, Add</i>	0.11	
03 21 13 00-0151 LF #4, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.17	
<i>For Up To 100, Add</i>	0.92	
<i>For >100 To 200, Add</i>	0.48	
<i>For >200 To 500, Add</i>	0.19	
03 21 13 00-0152 LF #5, Grade 60, Walls, Galvanized Steel Reinforcement Bar	1.77	
<i>For Up To 100, Add</i>	1.42	
<i>For >100 To 200, Add</i>	0.74	
<i>For >200 To 500, Add</i>	0.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	13 00-0153	LF	#6, Grade 60, Walls, Galvanized Steel Reinforcement Bar	2.48	
			For Up To 100, Add	2.01	
			For >100 To 200, Add	1.05	
			For >200 To 500, Add	0.42	
03 21	13 00-0154	LF	#7, Grade 60, Walls, Galvanized Steel Reinforcement Bar	3.27	
			For Up To 100, Add	2.07	
			For >100 To 200, Add	1.16	
			For >200 To 400, Add	0.56	
03 21	13 00-0155	LF	#8, Grade 60, Walls, Galvanized Steel Reinforcement Bar	4.16	
			For Up To 100, Add	2.66	
			For >100 To 200, Add	1.49	
			For >200 To 400, Add	0.72	
03 21	13 00-0156	LF	#9, Grade 60, Walls, Galvanized Steel Reinforcement Bar	5.20	
			For Up To 100, Add	3.36	
			For >100 To 200, Add	1.88	
			For >200 To 400, Add	0.91	
03 21	13 00-0157	LF	#10, Grade 60, Walls, Galvanized Steel Reinforcement Bar	6.43	
			For Up To 100, Add	3.39	
			For >100 To 200, Add	1.77	
			For >200 To 300, Add	0.89	
03 21	13 00-0158	LF	#11, Grade 60, Walls, Galvanized Steel Reinforcement Bar	7.76	
			For Up To 100, Add	4.13	
			For >100 To 200, Add	2.15	
			For >200 To 300, Add	1.08	
03 21	13 00-0159	LF	#14, Grade 60, Walls, Galvanized Steel Reinforcement Bar	10.92	
			For Up To 100, Add	5.87	
			For >100 To 200, Add	3.05	
			For >200 To 300, Add	1.53	
03 21	13 00-0160	LF	#18, Grade 60, Walls, Galvanized Steel Reinforcement Bar	18.96	
			For Up To 100, Add	10.31	
			For >100 To 200, Add	5.33	
			For >200 To 300, Add	2.67	
03 21	13 00-0161	LF	#6, Grade 75, Walls, Galvanized Steel Reinforcement Bar	2.56	
			For Up To 100, Add	2.09	
			For >100 To 200, Add	1.09	
			For >200 To 500, Add	0.43	
03 21	13 00-0162	LF	#7, Grade 75, Walls, Galvanized Steel Reinforcement Bar	3.38	
			For Up To 100, Add	2.15	
			For >100 To 200, Add	1.21	
			For >200 To 400, Add	0.58	
03 21	13 00-0163	LF	#8, Grade 75, Walls, Galvanized Steel Reinforcement Bar	4.30	
			For Up To 100, Add	2.77	
			For >100 To 200, Add	1.55	
			For >200 To 400, Add	0.75	
03 21	13 00-0164	LF	#9, Grade 75, Walls, Galvanized Steel Reinforcement Bar	5.37	
			For Up To 100, Add	3.49	
			For >100 To 200, Add	1.95	
			For >200 To 400, Add	0.94	
03 21	13 00-0165	LF	#10, Grade 75, Walls, Galvanized Steel Reinforcement Bar	6.65	
			For Up To 100, Add	3.52	
			For >100 To 200, Add	1.84	
			For >200 To 300, Add	0.92	
03 21	13 00-0166	LF	#11, Grade 75, Walls, Galvanized Steel Reinforcement Bar	8.04	
			For Up To 100, Add	4.30	
			For >100 To 200, Add	2.24	
			For >200 To 300, Add	1.12	
03 21	13 00-0167	LF	#14, Grade 75, Walls, Galvanized Steel Reinforcement Bar	11.31	
			For Up To 100, Add	6.11	
			For >100 To 200, Add	3.17	
			For >200 To 300, Add	1.58	
03 21	13 00-0168	LF	#18, Grade 75, Walls, Galvanized Steel Reinforcement Bar	19.67	
			For Up To 100, Add	10.73	
			For >100 To 200, Add	5.54	
			For >200 To 300, Add	2.77	
03 21 16	Epoxy-Coated Reinforcement Steel Bars <small>(03 21)</small>				
03 21 16 00-0001	Beams And Girders, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>				
			Note: ASTM A-775 Epoxy Coated Steel.		
03 21	16 00-0002	LF	#3, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.77	
			For Up To 100, Add	0.54	
			For >100 To 200, Add	0.29	
			For >200 To 500, Add	0.12	
03 21	16 00-0003	LF	#4, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.30	
			For Up To 100, Add	0.92	
			For >100 To 200, Add	0.49	
			For >200 To 500, Add	0.20	
03 21	16 00-0004	LF	#5, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.96	
			For Up To 100, Add	1.41	
			For >100 To 200, Add	0.75	
			For >200 To 500, Add	0.30	
03 21	16 00-0005	LF	#6, Grade 40, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.72	
			For Up To 100, Add	1.99	
			For >100 To 200, Add	1.06	
			For >200 To 500, Add	0.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0006 LF #3, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.78	
<i>For Up To 100, Add</i>	0.55	
<i>For >100 To 200, Add</i>	0.29	
<i>For >200 To 500, Add</i>	0.12	
03 21 16 00-0007 LF #4, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.33	
<i>For Up To 100, Add</i>	0.95	
<i>For >100 To 200, Add</i>	0.51	
<i>For >200 To 500, Add</i>	0.20	
03 21 16 00-0008 LF #5, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.00	
<i>For Up To 100, Add</i>	1.45	
<i>For >100 To 200, Add</i>	0.77	
<i>For >200 To 500, Add</i>	0.31	
03 21 16 00-0009 LF #6, Grade 50, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.77	
<i>For Up To 100, Add</i>	2.04	
<i>For >100 To 200, Add</i>	1.08	
<i>For >200 To 500, Add</i>	0.43	
03 21 16 00-0010 LF #3, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	0.80	
<i>For Up To 100, Add</i>	0.57	
<i>For >100 To 200, Add</i>	0.30	
<i>For >200 To 500, Add</i>	0.12	
03 21 16 00-0011 LF #4, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	1.36	
<i>For Up To 100, Add</i>	0.98	
<i>For >100 To 200, Add</i>	0.52	
<i>For >200 To 500, Add</i>	0.21	
03 21 16 00-0012 LF #5, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.05	
<i>For Up To 100, Add</i>	1.50	
<i>For >100 To 200, Add</i>	0.80	
<i>For >200 To 500, Add</i>	0.32	
03 21 16 00-0013 LF #6, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.85	
<i>For Up To 100, Add</i>	2.12	
<i>For >100 To 200, Add</i>	1.12	
<i>For >200 To 500, Add</i>	0.45	
03 21 16 00-0014 LF #7, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.73	
<i>For Up To 100, Add</i>	2.20	
<i>For >100 To 200, Add</i>	1.27	
<i>For >200 To 400, Add</i>	0.60	
03 21 16 00-0015 LF #8, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.68	
<i>For Up To 100, Add</i>	2.81	
<i>For >100 To 200, Add</i>	1.61	
<i>For >200 To 400, Add</i>	0.76	
03 21 16 00-0016 LF #9, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.78	
<i>For Up To 100, Add</i>	3.51	
<i>For >100 To 200, Add</i>	2.00	
<i>For >200 To 400, Add</i>	0.95	
03 21 16 00-0017 LF #10, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.09	
<i>For Up To 100, Add</i>	3.54	
<i>For >100 To 200, Add</i>	1.89	
<i>For >200 To 300, Add</i>	0.94	
03 21 16 00-0018 LF #11, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.49	
<i>For Up To 100, Add</i>	4.29	
<i>For >100 To 200, Add</i>	2.28	
<i>For >200 To 300, Add</i>	1.14	
03 21 16 00-0019 LF #14, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	11.83	
<i>For Up To 100, Add</i>	6.06	
<i>For >100 To 200, Add</i>	3.20	
<i>For >200 To 300, Add</i>	1.60	
03 21 16 00-0020 LF #18, Grade 60, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	20.36	
<i>For Up To 100, Add</i>	10.57	
<i>For >100 To 200, Add</i>	5.56	
<i>For >200 To 300, Add</i>	2.78	
03 21 16 00-0021 LF #6, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	2.93	
<i>For Up To 100, Add</i>	2.20	
<i>For >100 To 200, Add</i>	1.16	
<i>For >200 To 500, Add</i>	0.47	
03 21 16 00-0022 LF #7, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	3.84	
<i>For Up To 100, Add</i>	2.28	
<i>For >100 To 200, Add</i>	1.31	
<i>For >200 To 400, Add</i>	0.62	
03 21 16 00-0023 LF #8, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	4.82	
<i>For Up To 100, Add</i>	2.91	
<i>For >100 To 200, Add</i>	1.66	
<i>For >200 To 400, Add</i>	0.79	
03 21 16 00-0024 LF #9, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	5.95	
<i>For Up To 100, Add</i>	3.64	
<i>For >100 To 200, Add</i>	2.07	
<i>For >200 To 400, Add</i>	0.98	
03 21 16 00-0025 LF #10, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	7.32	
<i>For Up To 100, Add</i>	3.68	
<i>For >100 To 200, Add</i>	1.96	
<i>For >200 To 300, Add</i>	0.98	
03 21 16 00-0026 LF #11, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	8.76	
<i>For Up To 100, Add</i>	4.45	
<i>For >100 To 200, Add</i>	2.36	
<i>For >200 To 300, Add</i>	1.18	
03 21 16 00-0027 LF #14, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	12.23	
<i>For Up To 100, Add</i>	6.30	
<i>For >100 To 200, Add</i>	3.32	
<i>For >200 To 300, Add</i>	1.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	16 00-0028	LF	#18, Grade 75, Beams And Girders, Epoxy Coated Steel Reinforcement Bar	21.06	
			<i>For Up To 100, Add</i>	10.99	
			<i>For >100 To 200, Add</i>	5.77	
			<i>For >200 To 300, Add</i>	2.88	
03 21	16 00-0029		Columns, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>		
			Note: ASTM A-775 Epoxy Coated Steel.		
03 21	16 00-0030	LF	#3, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	0.80	
			<i>For Up To 100, Add</i>	0.55	
			<i>For >100 To 200, Add</i>	0.30	
			<i>For >200 To 500, Add</i>	0.12	
03 21	16 00-0031	LF	#4, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	1.37	
			<i>For Up To 100, Add</i>	0.95	
			<i>For >100 To 200, Add</i>	0.51	
			<i>For >200 To 500, Add</i>	0.20	
03 21	16 00-0032	LF	#5, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.05	
			<i>For Up To 100, Add</i>	1.45	
			<i>For >100 To 200, Add</i>	0.78	
			<i>For >200 To 500, Add</i>	0.31	
03 21	16 00-0033	LF	#6, Grade 40, Columns, Epoxy Coated Steel Reinforcement Bar	2.85	
			<i>For Up To 100, Add</i>	2.05	
			<i>For >100 To 200, Add</i>	1.09	
			<i>For >200 To 500, Add</i>	0.44	
03 21	16 00-0034	LF	#3, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	0.81	
			<i>For Up To 100, Add</i>	0.56	
			<i>For >100 To 200, Add</i>	0.30	
			<i>For >200 To 500, Add</i>	0.12	
03 21	16 00-0035	LF	#4, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	1.40	
			<i>For Up To 100, Add</i>	0.98	
			<i>For >100 To 200, Add</i>	0.53	
			<i>For >200 To 500, Add</i>	0.21	
03 21	16 00-0036	LF	#5, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.09	
			<i>For Up To 100, Add</i>	1.49	
			<i>For >100 To 200, Add</i>	0.80	
			<i>For >200 To 500, Add</i>	0.32	
03 21	16 00-0037	LF	#6, Grade 50, Columns, Epoxy Coated Steel Reinforcement Bar	2.90	
			<i>For Up To 100, Add</i>	2.10	
			<i>For >100 To 200, Add</i>	1.12	
			<i>For >200 To 500, Add</i>	0.45	
03 21	16 00-0038	LF	#3, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	0.83	
			<i>For Up To 100, Add</i>	0.58	
			<i>For >100 To 200, Add</i>	0.31	
			<i>For >200 To 500, Add</i>	0.12	
03 21	16 00-0039	LF	#4, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	1.43	
			<i>For Up To 100, Add</i>	1.01	
			<i>For >100 To 200, Add</i>	0.54	
			<i>For >200 To 500, Add</i>	0.22	
03 21	16 00-0040	LF	#5, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.14	
			<i>For Up To 100, Add</i>	1.54	
			<i>For >100 To 200, Add</i>	0.82	
			<i>For >200 To 500, Add</i>	0.33	
03 21	16 00-0041	LF	#6, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	2.98	
			<i>For Up To 100, Add</i>	2.18	
			<i>For >100 To 200, Add</i>	1.16	
			<i>For >200 To 500, Add</i>	0.46	
03 21	16 00-0042	LF	#7, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	3.88	
			<i>For Up To 100, Add</i>	2.25	
			<i>For >100 To 200, Add</i>	1.30	
			<i>For >200 To 400, Add</i>	0.61	
03 21	16 00-0043	LF	#8, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	4.85	
			<i>For Up To 100, Add</i>	2.87	
			<i>For >100 To 200, Add</i>	1.65	
			<i>For >200 To 400, Add</i>	0.78	
03 21	16 00-0044	LF	#9, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	5.98	
			<i>For Up To 100, Add</i>	3.58	
			<i>For >100 To 200, Add</i>	2.05	
			<i>For >200 To 400, Add</i>	0.97	
03 21	16 00-0045	LF	#10, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	7.32	
			<i>For Up To 100, Add</i>	3.61	
			<i>For >100 To 200, Add</i>	1.93	
			<i>For >200 To 300, Add</i>	0.97	
03 21	16 00-0046	LF	#11, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	8.75	
			<i>For Up To 100, Add</i>	4.37	
			<i>For >100 To 200, Add</i>	2.33	
			<i>For >200 To 300, Add</i>	1.17	
03 21	16 00-0047	LF	#14, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	12.19	
			<i>For Up To 100, Add</i>	6.17	
			<i>For >100 To 200, Add</i>	3.27	
			<i>For >200 To 300, Add</i>	1.64	
03 21	16 00-0048	LF	#18, Grade 60, Columns, Epoxy Coated Steel Reinforcement Bar	20.91	
			<i>For Up To 100, Add</i>	10.73	
			<i>For >100 To 200, Add</i>	5.67	
			<i>For >200 To 300, Add</i>	2.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0049 LF #6, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	3.06 2.26 1.20 0.48	
03 21 16 00-0050 LF #7, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	3.99 2.33 1.35 0.63	
03 21 16 00-0051 LF #8, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	4.99 2.97 1.71 0.81	
03 21 16 00-0052 LF #9, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	6.15 3.71 2.12 1.00	
03 21 16 00-0053 LF #10, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	7.55 3.74 2.00 1.00	
03 21 16 00-0054 LF #11, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	9.02 4.53 2.41 1.21	
03 21 16 00-0055 LF #14, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	12.59 6.41 3.39 1.70	
03 21 16 00-0056 LF #18, Grade 75, Columns, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 300, Add</i>	21.61 11.15 5.88 2.94	
03 21 16 00-0057 Footings, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small> Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0058 LF #3, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	0.71 0.51 0.27 0.11	
03 21 16 00-0059 LF #4, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	1.21 0.89 0.47 0.19	
03 21 16 00-0060 LF #5, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	1.83 1.36 0.72 0.29	
03 21 16 00-0061 LF #6, Grade 40, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	2.54 1.92 1.01 0.41	
03 21 16 00-0062 LF #3, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	0.72 0.52 0.28 0.11	
03 21 16 00-0063 LF #4, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar	1.24	
03 21 16 00-0064 LF #5, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	1.87 1.40 0.74 0.30	
03 21 16 00-0065 LF #6, Grade 50, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	2.59 1.97 1.04 0.42	
03 21 16 00-0066 LF #3, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	0.74 0.54 0.29 0.12	
03 21 16 00-0067 LF #4, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	1.27 0.95 0.50 0.20	
03 21 16 00-0068 LF #5, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	1.92 1.45 0.77 0.31	
03 21 16 00-0069 LF #6, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 500, Add</i>	2.67 2.05 1.08 0.43	
03 21 16 00-0070 LF #7, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar <i>For Up To 100, Add</i> <i>For >100 To 200, Add</i> <i>For >200 To 400, Add</i>	3.51 2.12 1.21 0.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0071	LF	#8, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.42	
		For Up To 100, Add		2.72	
		For >100 To 200, Add		1.54	
		For >200 To 400, Add		0.73	
03 21 16 00-0072	LF	#9, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	5.47	
		For Up To 100, Add		3.40	
		For >100 To 200, Add		1.93	
		For >200 To 400, Add		0.92	
03 21 16 00-0073	LF	#10, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	6.73	
		For Up To 100, Add		3.43	
		For >100 To 200, Add		1.82	
		For >200 To 300, Add		0.91	
03 21 16 00-0074	LF	#11, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	8.09	
		For Up To 100, Add		4.17	
		For >100 To 200, Add		2.20	
		For >200 To 300, Add		1.10	
03 21 16 00-0075	LF	#14, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	11.31	
		For Up To 100, Add		5.90	
		For >100 To 200, Add		3.10	
		For >200 To 300, Add		1.55	
03 21 16 00-0076	LF	#18, Grade 60, Footings, Epoxy Coated Steel Reinforcement Bar	.....	19.53	
		For Up To 100, Add		10.32	
		For >100 To 200, Add		5.39	
		For >200 To 300, Add		2.70	
03 21 16 00-0077	LF	#6, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	2.75	
		For Up To 100, Add		2.13	
		For >100 To 200, Add		1.12	
		For >200 To 500, Add		0.45	
03 21 16 00-0078	LF	#7, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	3.62	
		For Up To 100, Add		2.20	
		For >100 To 200, Add		1.26	
		For >200 To 400, Add		0.60	
03 21 16 00-0079	LF	#8, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	4.56	
		For Up To 100, Add		2.82	
		For >100 To 200, Add		1.60	
		For >200 To 400, Add		0.76	
03 21 16 00-0080	LF	#9, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	5.64	
		For Up To 100, Add		3.53	
		For >100 To 200, Add		1.99	
		For >200 To 400, Add		0.95	
03 21 16 00-0081	LF	#10, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	6.96	
		For Up To 100, Add		3.57	
		For >100 To 200, Add		1.89	
		For >200 To 300, Add		0.94	
03 21 16 00-0082	LF	#11, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	8.36	
		For Up To 100, Add		4.33	
		For >100 To 200, Add		2.28	
		For >200 To 300, Add		1.14	
03 21 16 00-0083	LF	#14, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	11.71	
		For Up To 100, Add		6.14	
		For >100 To 200, Add		3.22	
		For >200 To 300, Add		1.61	
03 21 16 00-0084	LF	#18, Grade 75, Footings, Epoxy Coated Steel Reinforcement Bar	.....	20.23	
		For Up To 100, Add		10.74	
		For >100 To 200, Add		5.60	
		For >200 To 300, Add		2.80	
03 21 16 00-0085		Slab On Grade, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>			
		Note: ASTM A-775 Epoxy Coated Steel.			
03 21 16 00-0086	LF	#3, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	0.69	
		For Up To 100, Add		0.50	
		For >100 To 200, Add		0.27	
		For >200 To 500, Add		0.11	
03 21 16 00-0087	LF	#4, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.18	
		For Up To 100, Add		0.87	
		For >100 To 200, Add		0.46	
		For >200 To 500, Add		0.19	
03 21 16 00-0088	LF	#5, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.78	
		For Up To 100, Add		1.34	
		For >100 To 200, Add		0.71	
		For >200 To 500, Add		0.28	
03 21 16 00-0089	LF	#6, Grade 40, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	2.47	
		For Up To 100, Add		1.89	
		For >100 To 200, Add		1.00	
		For >200 To 500, Add		0.40	
03 21 16 00-0090	LF	#3, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	0.70	
		For Up To 100, Add		0.51	
		For >100 To 200, Add		0.27	
		For >200 To 500, Add		0.11	
03 21 16 00-0091	LF	#4, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar	.....	1.21	
		For Up To 100, Add		0.90	
		For >100 To 200, Add		0.48	
		For >200 To 500, Add		0.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0092 LF #5, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.82	
<i>For Up To 100, Add</i>	1.38	
<i>For >100 To 200, Add</i>	0.73	
<i>For >200 To 500, Add</i>	0.29	
03 21 16 00-0093 LF #6, Grade 50, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.52	
<i>For Up To 100, Add</i>	1.94	
<i>For >100 To 200, Add</i>	1.02	
<i>For >200 To 500, Add</i>	0.41	
03 21 16 00-0094 LF #3, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	0.72	
<i>For Up To 100, Add</i>	0.53	
<i>For >100 To 200, Add</i>	0.28	
<i>For >200 To 500, Add</i>	0.11	
03 21 16 00-0095 LF #4, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.24	
<i>For Up To 100, Add</i>	0.93	
<i>For >100 To 200, Add</i>	0.49	
<i>For >200 To 500, Add</i>	0.20	
03 21 16 00-0096 LF #5, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	1.87	
<i>For Up To 100, Add</i>	1.43	
<i>For >100 To 200, Add</i>	0.75	
<i>For >200 To 500, Add</i>	0.30	
03 21 16 00-0097 LF #6, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.60	
<i>For Up To 100, Add</i>	2.02	
<i>For >100 To 200, Add</i>	1.06	
<i>For >200 To 500, Add</i>	0.42	
03 21 16 00-0098 LF #7, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.44	
<i>For Up To 100, Add</i>	2.10	
<i>For >100 To 200, Add</i>	1.19	
<i>For >200 To 400, Add</i>	0.57	
03 21 16 00-0099 LF #8, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.33	
<i>For Up To 100, Add</i>	2.68	
<i>For >100 To 200, Add</i>	1.52	
<i>For >200 To 400, Add</i>	0.73	
03 21 16 00-0100 LF #9, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.37	
<i>For Up To 100, Add</i>	3.37	
<i>For >100 To 200, Add</i>	1.90	
<i>For >200 To 400, Add</i>	0.91	
03 21 16 00-0101 LF #10, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	6.61	
<i>For Up To 100, Add</i>	3.39	
<i>For >100 To 200, Add</i>	1.79	
<i>For >200 To 300, Add</i>	0.90	
03 21 16 00-0102 LF #11, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	7.96	
<i>For Up To 100, Add</i>	4.13	
<i>For >100 To 200, Add</i>	2.17	
<i>For >200 To 300, Add</i>	1.09	
03 21 16 00-0103 LF #14, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	11.13	
<i>For Up To 100, Add</i>	5.85	
<i>For >100 To 200, Add</i>	3.06	
<i>For >200 To 300, Add</i>	1.53	
03 21 16 00-0104 LF #18, Grade 60, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	19.26	
<i>For Up To 100, Add</i>	10.24	
<i>For >100 To 200, Add</i>	5.34	
<i>For >200 To 300, Add</i>	2.67	
03 21 16 00-0105 LF #6, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	2.68	
<i>For Up To 100, Add</i>	2.10	
<i>For >100 To 200, Add</i>	1.10	
<i>For >200 To 500, Add</i>	0.44	
03 21 16 00-0106 LF #7, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	3.55	
<i>For Up To 100, Add</i>	2.16	
<i>For >100 To 200, Add</i>	1.24	
<i>For >200 To 400, Add</i>	0.59	
03 21 16 00-0107 LF #8, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	4.47	
<i>For Up To 100, Add</i>	2.79	
<i>For >100 To 200, Add</i>	1.58	
<i>For >200 To 400, Add</i>	0.75	
03 21 16 00-0108 LF #9, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	5.54	
<i>For Up To 100, Add</i>	3.50	
<i>For >100 To 200, Add</i>	1.97	
<i>For >200 To 400, Add</i>	0.94	
03 21 16 00-0109 LF #10, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	6.84	
<i>For Up To 100, Add</i>	3.53	
<i>For >100 To 200, Add</i>	1.86	
<i>For >200 To 300, Add</i>	0.93	
03 21 16 00-0110 LF #11, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	8.23	
<i>For Up To 100, Add</i>	4.29	
<i>For >100 To 200, Add</i>	2.25	
<i>For >200 To 300, Add</i>	1.13	
03 21 16 00-0111 LF #14, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	11.53	
<i>For Up To 100, Add</i>	6.09	
<i>For >100 To 200, Add</i>	3.18	
<i>For >200 To 300, Add</i>	1.59	
03 21 16 00-0112 LF #18, Grade 75, Slab On Grade, Epoxy Coated Steel Reinforcement Bar.....	19.96	
<i>For Up To 100, Add</i>	10.66	
<i>For >100 To 200, Add</i>	5.55	
<i>For >200 To 300, Add</i>	2.77	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	16 00-0113		Elevated Slabs, Epoxy Coated Steel Reinforcement Bar <small>(03 21 16)</small>		
			Note: ASTM A-775 Epoxy Coated Steel.		
03 21	16 00-0114	LF	#3, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.65	
			For Up To 100, Add	0.49	
			For >100 To 200, Add	0.26	
			For >200 To 500, Add	0.10	
03 21	16 00-0115	LF	#4, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.11	
			For Up To 100, Add	0.85	
			For >100 To 200, Add	0.45	
			For >200 To 500, Add	0.18	
03 21	16 00-0116	LF	#5, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.69	
			For Up To 100, Add	1.31	
			For >100 To 200, Add	0.69	
			For >200 To 500, Add	0.27	
03 21	16 00-0117	LF	#6, Grade 40, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.35	
			For Up To 100, Add	1.85	
			For >100 To 200, Add	0.97	
			For >200 To 500, Add	0.39	
03 21	16 00-0118	LF	#3, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.66	
			For Up To 100, Add	0.50	
			For >100 To 200, Add	0.26	
			For >200 To 500, Add	0.11	
03 21	16 00-0119	LF	#4, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.14	
			For Up To 100, Add	0.88	
			For >100 To 200, Add	0.46	
			For >200 To 500, Add	0.18	
03 21	16 00-0120	LF	#5, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.73	
			For Up To 100, Add	1.35	
			For >100 To 200, Add	0.71	
			For >200 To 500, Add	0.28	
03 21	16 00-0121	LF	#6, Grade 50, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.40	
			For Up To 100, Add	1.90	
			For >100 To 200, Add	0.99	
			For >200 To 500, Add	0.40	
03 21	16 00-0122	LF	#3, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	0.68	
			For Up To 100, Add	0.52	
			For >100 To 200, Add	0.27	
			For >200 To 500, Add	0.11	
03 21	16 00-0123	LF	#4, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.17	
			For Up To 100, Add	0.91	
			For >100 To 200, Add	0.48	
			For >200 To 500, Add	0.19	
03 21	16 00-0124	LF	#5, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	1.78	
			For Up To 100, Add	1.40	
			For >100 To 200, Add	0.73	
			For >200 To 500, Add	0.29	
03 21	16 00-0125	LF	#6, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.48	
			For Up To 100, Add	1.98	
			For >100 To 200, Add	1.03	
			For >200 To 500, Add	0.41	
03 21	16 00-0126	LF	#7, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.28	
			For Up To 100, Add	2.04	
			For >100 To 200, Add	1.15	
			For >200 To 400, Add	0.55	
03 21	16 00-0127	LF	#8, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.15	
			For Up To 100, Add	2.62	
			For >100 To 200, Add	1.48	
			For >200 To 400, Add	0.71	
03 21	16 00-0128	LF	#9, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.17	
			For Up To 100, Add	3.30	
			For >100 To 200, Add	1.85	
			For >200 To 400, Add	0.89	
03 21	16 00-0129	LF	#10, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.38	
			For Up To 100, Add	3.32	
			For >100 To 200, Add	1.75	
			For >200 To 300, Add	0.87	
03 21	16 00-0130	LF	#11, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	7.69	
			For Up To 100, Add	4.05	
			For >100 To 200, Add	2.12	
			For >200 To 300, Add	1.06	
03 21	16 00-0131	LF	#14, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	10.79	
			For Up To 100, Add	5.75	
			For >100 To 200, Add	2.99	
			For >200 To 300, Add	1.50	
03 21	16 00-0132	LF	#18, Grade 60, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	18.72	
			For Up To 100, Add	10.08	
			For >100 To 200, Add	5.23	
			For >200 To 300, Add	2.62	
03 21	16 00-0133	LF	#6, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	2.56	
			For Up To 100, Add	2.06	
			For >100 To 200, Add	1.07	
			For >200 To 500, Add	0.43	
03 21	16 00-0134	LF	#7, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	3.39	
			For Up To 100, Add	2.12	
			For >100 To 200, Add	1.20	
			For >200 To 400, Add	0.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21 16 00-0135 LF #8, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	4.29	
<i>For Up To 100, Add</i>	2.73	
<i>For >100 To 200, Add</i>	1.53	
<i>For >200 To 400, Add</i>	0.74	
03 21 16 00-0136 LF #9, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	5.34	
<i>For Up To 100, Add</i>	3.43	
<i>For >100 To 200, Add</i>	1.92	
<i>For >200 To 400, Add</i>	0.92	
03 21 16 00-0137 LF #10, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	6.61	
<i>For Up To 100, Add</i>	3.46	
<i>For >100 To 200, Add</i>	1.82	
<i>For >200 To 300, Add</i>	0.91	
03 21 16 00-0138 LF #11, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	7.96	
<i>For Up To 100, Add</i>	4.21	
<i>For >100 To 200, Add</i>	2.20	
<i>For >200 To 300, Add</i>	1.10	
03 21 16 00-0139 LF #14, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	11.19	
<i>For Up To 100, Add</i>	5.99	
<i>For >100 To 200, Add</i>	3.11	
<i>For >200 To 300, Add</i>	1.56	
03 21 16 00-0140 LF #18, Grade 75, Elevated Slabs, Epoxy Coated Steel Reinforcement Bar.....	19.42	
<i>For Up To 100, Add</i>	10.50	
<i>For >100 To 200, Add</i>	5.44	
<i>For >200 To 300, Add</i>	2.72	
03 21 16 00-0141 Walls, Epoxy Coated Steel Reinforcement Bar (03 21 16)		
Note: ASTM A-775 Epoxy Coated Steel.		
03 21 16 00-0142 LF #3, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.63	
<i>For Up To 100, Add</i>	0.48	
<i>For >100 To 200, Add</i>	0.25	
<i>For >200 To 500, Add</i>	0.10	
03 21 16 00-0143 LF #4, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.08	
<i>For Up To 100, Add</i>	0.83	
<i>For >100 To 200, Add</i>	0.44	
<i>For >200 To 500, Add</i>	0.18	
03 21 16 00-0144 LF #5, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.64	
<i>For Up To 100, Add</i>	1.29	
<i>For >100 To 200, Add</i>	0.67	
<i>For >200 To 500, Add</i>	0.27	
03 21 16 00-0145 LF #6, Grade 40, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.29	
<i>For Up To 100, Add</i>	1.82	
<i>For >100 To 200, Add</i>	0.95	
<i>For >200 To 500, Add</i>	0.38	
03 21 16 00-0146 LF #3, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.64	
<i>For Up To 100, Add</i>	0.49	
<i>For >100 To 200, Add</i>	0.26	
<i>For >200 To 500, Add</i>	0.10	
03 21 16 00-0147 LF #4, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.11	
<i>For Up To 100, Add</i>	0.86	
<i>For >100 To 200, Add</i>	0.45	
<i>For >200 To 500, Add</i>	0.18	
03 21 16 00-0148 LF #5, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.68	
<i>For Up To 100, Add</i>	1.33	
<i>For >100 To 200, Add</i>	0.69	
<i>For >200 To 500, Add</i>	0.28	
03 21 16 00-0149 LF #6, Grade 50, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.34	
<i>For Up To 100, Add</i>	1.87	
<i>For >100 To 200, Add</i>	0.98	
<i>For >200 To 500, Add</i>	0.39	
03 21 16 00-0150 LF #3, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	0.66	
<i>For Up To 100, Add</i>	0.51	
<i>For >100 To 200, Add</i>	0.27	
<i>For >200 To 500, Add</i>	0.11	
03 21 16 00-0151 LF #4, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.14	
<i>For Up To 100, Add</i>	0.89	
<i>For >100 To 200, Add</i>	0.47	
<i>For >200 To 500, Add</i>	0.19	
03 21 16 00-0152 LF #5, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	1.73	
<i>For Up To 100, Add</i>	1.38	
<i>For >100 To 200, Add</i>	0.72	
<i>For >200 To 500, Add</i>	0.29	
03 21 16 00-0153 LF #6, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.42	
<i>For Up To 100, Add</i>	1.95	
<i>For >100 To 200, Add</i>	1.02	
<i>For >200 To 500, Add</i>	0.41	
03 21 16 00-0154 LF #7, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.19	
<i>For Up To 100, Add</i>	2.01	
<i>For >100 To 200, Add</i>	1.13	
<i>For >200 To 400, Add</i>	0.54	
03 21 16 00-0155 LF #8, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.06	
<i>For Up To 100, Add</i>	2.59	
<i>For >100 To 200, Add</i>	1.45	
<i>For >200 To 400, Add</i>	0.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 21	16 00-0156	LF	#9, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.07	
			<i>For Up To 100, Add</i>	3.26	
			<i>For >100 To 200, Add</i>	1.83	
			<i>For >200 To 400, Add</i>	0.88	
03 21	16 00-0157	LF	#10, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.26	
			<i>For Up To 100, Add</i>	3.29	
			<i>For >100 To 200, Add</i>	1.72	
			<i>For >200 To 300, Add</i>	0.86	
03 21	16 00-0158	LF	#11, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.56	
			<i>For Up To 100, Add</i>	4.01	
			<i>For >100 To 200, Add</i>	2.09	
			<i>For >200 To 300, Add</i>	1.05	
03 21	16 00-0159	LF	#14, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	10.62	
			<i>For Up To 100, Add</i>	5.69	
			<i>For >100 To 200, Add</i>	2.96	
			<i>For >200 To 300, Add</i>	1.48	
03 21	16 00-0160	LF	#18, Grade 60, Walls, Epoxy Coated Steel Reinforcement Bar.....	18.44	
			<i>For Up To 100, Add</i>	9.99	
			<i>For >100 To 200, Add</i>	5.18	
			<i>For >200 To 300, Add</i>	2.59	
03 21	16 00-0161	LF	#6, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	2.50	
			<i>For Up To 100, Add</i>	2.03	
			<i>For >100 To 200, Add</i>	1.06	
			<i>For >200 To 500, Add</i>	0.42	
03 21	16 00-0162	LF	#7, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	3.30	
			<i>For Up To 100, Add</i>	2.09	
			<i>For >100 To 200, Add</i>	1.18	
			<i>For >200 To 400, Add</i>	0.56	
03 21	16 00-0163	LF	#8, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	4.20	
			<i>For Up To 100, Add</i>	2.69	
			<i>For >100 To 200, Add</i>	1.51	
			<i>For >200 To 400, Add</i>	0.73	
03 21	16 00-0164	LF	#9, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	5.24	
			<i>For Up To 100, Add</i>	3.39	
			<i>For >100 To 200, Add</i>	1.89	
			<i>For >200 To 400, Add</i>	0.91	
03 21	16 00-0165	LF	#10, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	6.49	
			<i>For Up To 100, Add</i>	3.43	
			<i>For >100 To 200, Add</i>	1.79	
			<i>For >200 To 300, Add</i>	0.90	
03 21	16 00-0166	LF	#11, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	7.83	
			<i>For Up To 100, Add</i>	4.17	
			<i>For >100 To 200, Add</i>	2.17	
			<i>For >200 To 300, Add</i>	1.09	
03 21	16 00-0167	LF	#14, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	11.02	
			<i>For Up To 100, Add</i>	5.93	
			<i>For >100 To 200, Add</i>	3.08	
			<i>For >200 To 300, Add</i>	1.54	
03 21	16 00-0168	LF	#18, Grade 75, Walls, Epoxy Coated Steel Reinforcement Bar.....	19.14	
			<i>For Up To 100, Add</i>	10.41	
			<i>For >100 To 200, Add</i>	5.39	
			<i>For >200 To 300, Add</i>	2.69	
03 21	16 00-0169		Epoxy Coated Deformed Straight Dowels <small>(03 21 16)</small>		
			Note: Excludes drilling. See CSI section 02 41 19 13-0221 for drilling in concrete.		
03 21	16 00-0170	EA	3/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	4.74	
			<i>For Up To 12" Length, Deduct</i>	-0.48	
			<i>For >12" To <24" Length, Deduct</i>	-0.24	
03 21	16 00-0171	EA	1/2" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	5.59	
			<i>For Up To 12" Length, Deduct</i>	-0.72	
			<i>For >12" To <24" Length, Deduct</i>	-0.36	
03 21	16 00-0172	EA	5/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	6.93	
			<i>For Up To 12" Length, Deduct</i>	-1.08	
			<i>For >12" To <24" Length, Deduct</i>	-0.54	
03 21	16 00-0173	EA	3/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	8.62	
			<i>For Up To 12" Length, Deduct</i>	-1.44	
			<i>For >12" To <24" Length, Deduct</i>	-0.72	
03 21	16 00-0174	EA	7/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	10.37	
			<i>For Up To 12" Length, Deduct</i>	-1.95	
			<i>For >12" To <24" Length, Deduct</i>	-0.98	
03 21	16 00-0175	EA	1" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	12.07	
			<i>For Up To 12" Length, Deduct</i>	-2.40	
			<i>For >12" To <24" Length, Deduct</i>	-1.20	
03 21	16 00-0176	EA	1-1/8" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	14.25	
			<i>For Up To 12" Length, Deduct</i>	-2.91	
			<i>For >12" To <24" Length, Deduct</i>	-1.45	
03 21	16 00-0177	EA	1-1/4" Diameter x 24" Long, Epoxy Coated Deformed Straight Dowel.....	17.16	
			<i>For Up To 12" Length, Deduct</i>	-3.52	
			<i>For >12" To <24" Length, Deduct</i>	-1.76	

03 22 Fabric and Grid Reinforcing (03 20)

03 22 11 Plain Steel Welded Wire Fabric Reinforcing (03 22)

Note: Includes cutting, tie wire, tying, overlap, bar chairs and all non-mechanical splicing.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 22 11 00-0001 Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 11)
Note: Includes bar chairs. Under 5 tons. ASTM A-185

03 22 11 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	0.93
		<i>For >5 Ton, Deduct</i>	-0.13
03 22 11 00-0003	SF	6" x 6" x #8, 30 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.08
		<i>For >5 Ton, Deduct</i>	-0.15
03 22 11 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.25
		<i>For >5 Ton, Deduct</i>	-0.17
03 22 11 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.52
		<i>For >5 Ton, Deduct</i>	-0.20
03 22 11 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.15
		<i>For >5 Ton, Deduct</i>	-0.16
03 22 11 00-0007	SF	4" x 4" x #8, 44 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.31
		<i>For >5 Ton, Deduct</i>	-0.18
03 22 11 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.74
		<i>For >5 Ton, Deduct</i>	-0.23
03 22 11 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.06
		<i>For >5 Ton, Deduct</i>	-0.26
03 22 11 00-0010	SF	2" x 2" x #12, 37 LB/CSF, Plain Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W0.9 x W0.9)	1.99
		<i>For >5 Ton, Deduct</i>	-0.24

03 22 13 Galvanized Welded Wire Fabric Reinforcing (03 22)

03 22 13 00-0001 Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 13)
Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.07
		<i>For >5 Ton, Deduct</i>	-0.15
03 22 13 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.25
		<i>For >5 Ton, Deduct</i>	-0.17
03 22 13 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.47
		<i>For >5 Ton, Deduct</i>	-0.20
03 22 13 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.84
		<i>For >5 Ton, Deduct</i>	-0.24
03 22 13 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.35
		<i>For >5 Ton, Deduct</i>	-0.18
03 22 13 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.56
		<i>For >5 Ton, Deduct</i>	-0.20
03 22 13 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.14
		<i>For >5 Ton, Deduct</i>	-0.27
03 22 13 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.56
		<i>For >5 Ton, Deduct</i>	-0.31

03 22 13 00-0010 Galvanized Welded Wire Reinforcement Wrap Placed In Beams And Columns (03 22 13)

Note: Includes bar chairs. Under 5 tons.

03 22 13 00-0011	SF	2" x 2" x #14, 21 LB/CSF, Galvanized Welded Wire Fabric Reinforcing Wrap Placed In Beams And Columns (W0.5 x W0.5)	3.51
		<i>For >5 Ton, Deduct</i>	-0.52

03 22 16 Epoxy-Coated Welded Wire Fabric Reinforcing (03 22)

03 22 16 00-0001 Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (03 22 16)
Note: Includes bar chairs. Under 5 tons.

03 22 16 00-0002	SF	6" x 6" x #10, 21 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.06
		<i>For >5 Ton, Deduct</i>	-0.15
03 22 16 00-0003	SF	6" x 6" x #8, 29 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.23
		<i>For >5 Ton, Deduct</i>	-0.17
03 22 16 00-0004	SF	6" x 6" x #6, 42 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	1.45
		<i>For >5 Ton, Deduct</i>	-0.19
03 22 16 00-0005	SF	6" x 6" x #4, 58 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	1.80
		<i>For >5 Ton, Deduct</i>	-0.23
03 22 16 00-0006	SF	4" x 4" x #10, 31 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W1.4 x W1.4)	1.32
		<i>For >5 Ton, Deduct</i>	-0.18
03 22 16 00-0007	SF	4" x 4" x #8, 43 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.1 x W2.1)	1.53
		<i>For >5 Ton, Deduct</i>	-0.20
03 22 16 00-0008	SF	4" x 4" x #6, 62 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W2.9 x W2.9)	2.09
		<i>For >5 Ton, Deduct</i>	-0.26
03 22 16 00-0009	SF	4" x 4" x #4, 85 LB/CSF, Epoxy Coated Welded Wire Fabric Reinforcing Placed In Floors Or Slabs (W4.0 x W4.0)	2.49
		<i>For >5 Ton, Deduct</i>	-0.31

03 30 Cast-In-Place Concrete (03)

See CSI section 01 74 19 00-0045 for hauling over 15 miles.

03 30 53 Miscellaneous Cast-in-Place Concrete (03 30)

03 30 53 00-0001	Place Concrete Duct Bank <small>(03 30 53)</small>
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03 Concrete**03 30 Cast-In-Place Concrete****03 30 53 Miscellaneous Cast-in-Place Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 30 53 00-0002	CY		Direct Chute, Place 3,000 PSI Concrete Duct Bank	175.09	
			<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
			<i>For 3,500 PSI Concrete, Add</i>	7.16	
			<i>For 3,750 PSI Concrete, Add</i>	9.73	
			<i>For 4,000 PSI Concrete, Add</i>	12.31	
			<i>For 4,500 PSI Concrete, Add</i>	14.31	
			<i>For 5,000 PSI Concrete, Add</i>	16.32	
			<i>For 6,000 PSI Concrete, Add</i>	38.64	
			<i>For White Cement Concrete, Add</i>	17.17	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
			<i>For Up To 20, Add</i>	12.79	
			<i>For >20 To 50, Add</i>	4.80	
			<i>For >100 To 200, Deduct</i>	-3.50	
			<i>For >200 To 400, Deduct</i>	-7.00	
			<i>For >400, Deduct</i>	-10.51	
03 30 53 00-0003			Place Concrete Thrust Blocks And Backfill (03 30 53)		
03 30 53 00-0004	CY		Direct Chute, Place 3,000 PSI Concrete Thrust Blocks	215.31	
			<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
			<i>For 3,500 PSI Concrete, Add</i>	7.16	
			<i>For 3,750 PSI Concrete, Add</i>	9.73	
			<i>For 4,000 PSI Concrete, Add</i>	12.31	
			<i>For 4,500 PSI Concrete, Add</i>	14.31	
			<i>For 5,000 PSI Concrete, Add</i>	16.32	
			<i>For 6,000 PSI Concrete, Add</i>	38.64	
			<i>For White Cement Concrete, Add</i>	17.17	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
			<i>For Up To 20, Add</i>	28.88	
			<i>For >20 To 50, Add</i>	10.83	
			<i>For >100 To 200, Deduct</i>	-4.31	
			<i>For >200 To 400, Deduct</i>	-8.61	
			<i>For >400, Deduct</i>	-12.92	
03 30 53 00-0005			Place Concrete Slurry (03 30 53)		
03 30 53 00-0006	CY		Direct Chute, Place Two Sack Cement, Concrete Slurry	163.44	
			Note: Two 94# sack cement per CY.		
03 30 53 00-0007	CY		Concrete Pump, Place Two Sack Cement, Concrete Slurry	157.08	
			Note: Two 94# sack cement per CY. Excludes pumping equipment.		
03 30 53 00-0008			Hand Mix And Place Concrete (03 30 53)		
03 30 53 00-0009	CF		Hand Mix And Place Concrete	17.89	
			Note: For use where conventional equipment access is limited or when directed by the owner. Includes local aggregate, sand, bagged cement (Type I) and water.		
			<i>For Up To 25 CF, Add</i>	2.10	
			<i>For 2,000 PSI Concrete, Deduct</i>	-0.33	
			<i>For 2,500 PSI Concrete, Deduct</i>	-0.17	
			<i>For 3,500 PSI Concrete, Add</i>	0.31	
			<i>For 3,750 PSI Concrete, Add</i>	0.42	
			<i>For 4,000 PSI Concrete, Add</i>	0.53	
			<i>For 4,500 PSI Concrete, Add</i>	0.61	
			<i>For 5,000 PSI Concrete, Add</i>	0.70	
			<i>For 6,000 PSI Concrete, Add</i>	1.65	
			<i>For White Cement Concrete, Add</i>	0.73	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	0.80	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	0.61	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	2.14	
03 31 Structural Concrete					
			(03 30)		
03 31 13			Heavyweight Structural Concrete (03 31)		
			Note: Includes delivery, fuel charge and placement of material. See CSI section 02 41 00 00-0000 for demolition, 03 05 13 00-0001 for admixtures, 03 11 00 00-0000 for forming, 03 20 00 00-0000 for reinforcing, 03 31 13 00-0086 for small concrete purchases (short load), 03 35 00 00-0000 for finishing, 03 39 00 00-0000 for curing.		
03 31 13 00-0001			Concrete Slab Assemblies (03 31 13)		
03 31 13 00-0002			3,000 PSI Slab On Grade Concrete Slabs Assemblies (03 31 13 00-0001)		
			Note: Includes forms, welded wire reinforcement (where necessary), #3 to #6 reinforcing rods at 12" on center each way with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float, and finish for pedestrian slabs. Excludes excavation, base, earthwork, and expansion joints along existing slab. See CSI section 03 05 13 00-0001 for color additive alternative, 03 37 16 00-0001 for concrete pumping equipment.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0003 SF 4" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	7.12	
For 2,000 PSI Concrete, Deduct	-0.19	
For 2,500 PSI Concrete, Deduct	-0.09	
For 3,500 PSI Concrete, Add	0.07	
For 4,000 PSI Concrete, Add	0.22	
For 4,500 PSI Concrete, Add	0.27	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.40	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.59	
For Up To 500, Add	2.88	
For >500 To 1,000, Add	1.98	
For >1,000 To 2,000, Add	1.08	
For >2,000 To 5,000, Add	0.54	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000 To 35,000, Deduct	-0.35	
For >35,000 To 50,000, Deduct	-0.53	
For >50,000 To 70,000, Deduct	-0.71	
For >70,000, Deduct	-0.89	
03 31 13 00-0004 SF 5" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	7.77	
For 2,000 PSI Concrete, Deduct	-0.21	
For 2,500 PSI Concrete, Deduct	-0.11	
For 3,500 PSI Concrete, Add	0.08	
For 4,000 PSI Concrete, Add	0.25	
For 4,500 PSI Concrete, Add	0.31	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.40	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.59	
For Up To 500, Add	3.08	
For >500 To 1,000, Add	2.12	
For >1,000 To 2,000, Add	1.16	
For >2,000 To 5,000, Add	0.58	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000 To 35,000, Deduct	-0.39	
For >35,000 To 50,000, Deduct	-0.59	
For >50,000 To 70,000, Deduct	-0.78	
For >70,000, Deduct	-0.97	
03 31 13 00-0005 SF 6" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	8.69	
For 2,000 PSI Concrete, Deduct	-0.25	
For 2,500 PSI Concrete, Deduct	-0.12	
For 3,500 PSI Concrete, Add	0.09	
For 4,000 PSI Concrete, Add	0.29	
For 4,500 PSI Concrete, Add	0.36	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.40	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.59	
For Up To 500, Add	3.37	
For >500 To 1,000, Add	2.32	
For >1,000 To 2,000, Add	1.28	
For >2,000 To 5,000, Add	0.64	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000 To 35,000, Deduct	-0.45	
For >35,000 To 50,000, Deduct	-0.67	
For >50,000 To 70,000, Deduct	-0.88	
For >70,000, Deduct	-1.10	
03 31 13 00-0006 SF 7" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	9.55	
For 2,000 PSI Concrete, Deduct	-0.29	
For 2,500 PSI Concrete, Deduct	-0.14	
For 3,500 PSI Concrete, Add	0.10	
For 4,000 PSI Concrete, Add	0.33	
For 4,500 PSI Concrete, Add	0.42	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.40	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.59	
For Up To 500, Add	3.61	
For >500 To 1,000, Add	2.49	
For >1,000 To 2,000, Add	1.38	
For >2,000 To 5,000, Add	0.69	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000 To 35,000, Deduct	-0.50	
For >35,000 To 50,000, Deduct	-0.74	
For >50,000 To 70,000, Deduct	-0.98	
For >70,000, Deduct	-1.22	
03 31 13 00-0007 SF 8" 3,000 PSI Slab On Grade Concrete Slabs Assembly.....	10.30	
For 2,000 PSI Concrete, Deduct	-0.32	
For 2,500 PSI Concrete, Deduct	-0.16	
For 3,500 PSI Concrete, Add	0.11	
For 4,000 PSI Concrete, Add	0.37	
For 4,500 PSI Concrete, Add	0.46	
For Reinforcing Rods Are At 18" On Center, Deduct	-0.40	
For Reinforcing Rods Are At 24" On Center, Deduct	-0.59	
For Up To 500, Add	3.83	
For >500 To 1,000, Add	2.65	
For >1,000 To 2,000, Add	1.47	
For >2,000 To 5,000, Add	0.74	
For >10,000 To 20,000, Deduct	-0.29	
For >20,000 To 35,000, Deduct	-0.55	
For >35,000 To 50,000, Deduct	-0.81	
For >50,000 To 70,000, Deduct	-1.07	
For >70,000, Deduct	-1.32	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0008	SF	10" 3,000 PSI Slab On Grade Concrete Slabs Assembly	12.18
		For 2,000 PSI Concrete, Deduct	-0.40
		For 2,500 PSI Concrete, Deduct	-0.20
		For 3,500 PSI Concrete, Add	0.14
		For 4,000 PSI Concrete, Add	0.47
		For 4,500 PSI Concrete, Add	0.59
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.40
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.59
		For Up To 500, Add	4.34
		For >500 To 1,000, Add	3.02
		For >1,000 To 2,000, Add	1.69
		For >2,000 To 5,000, Add	0.85
		For >10,000 To 20,000, Deduct	-0.37
		For >20,000 To 35,000, Deduct	-0.68
		For >35,000 To 50,000, Deduct	-0.98
		For >50,000 To 70,000, Deduct	-1.28
		For >70,000, Deduct	-1.59
03 31 13 00-0009	SF	12" 3,000 PSI Slab On Grade Concrete Slabs Assembly	13.65
		For 2,000 PSI Concrete, Deduct	-0.46
		For 2,500 PSI Concrete, Deduct	-0.23
		For 3,500 PSI Concrete, Add	0.16
		For 4,000 PSI Concrete, Add	0.54
		For 4,500 PSI Concrete, Add	0.68
		For Reinforcing Rods Are At 18" On Center, Deduct	-0.40
		For Reinforcing Rods Are At 24" On Center, Deduct	-0.59
		For Up To 500, Add	4.77
		For >500 To 1,000, Add	3.32
		For >1,000 To 2,000, Add	1.88
		For >2,000 To 5,000, Add	0.94
		For >10,000 To 20,000, Deduct	-0.43
		For >20,000 To 35,000, Deduct	-0.77
		For >35,000 To 50,000, Deduct	-1.11
		For >50,000 To 70,000, Deduct	-1.45
		For >70,000, Deduct	-1.79
03 31 13 00-0010		Concrete Delivery And Placement <small>(03 31 13)</small>	
		Note: Includes cleaning out equipment and standard concrete placement tests.	
03 31 13 00-0011		Place Concrete By Method Indicated <small>(03 31 13 00-0010)</small>	
		Note: Tasks for concrete placement "By Concrete Pump" exclude the pumping equipment. See CSI section 03 37 16 00-0001 for concrete pumping equipment.	
03 31 13 00-0012		Place Concrete Pile Caps <small>(03 31 13 00-0011)</small>	
03 31 13 00-0013	CY	Crane And Bucket, Place 3,000 PSI Concrete Pile Caps	265.10
		For 2,000 PSI Concrete, Deduct	-7.73
		For 2,500 PSI Concrete, Deduct	-3.86
		For 3,500 PSI Concrete, Add	7.16
		For 3,750 PSI Concrete, Add	9.73
		For 4,000 PSI Concrete, Add	12.31
		For 4,500 PSI Concrete, Add	14.31
		For 5,000 PSI Concrete, Add	16.32
		For 6,000 PSI Concrete, Add	38.64
		For White Cement Concrete, Add	17.17
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61
		For High Early Strength, Type 3 ASTM C150, Add	14.31
		For Lightweight Aggregate, ASTM C330, Add	50.09
		For Up To 20, Add	48.79
		For >20 To 50, Add	18.30
		For >100 To 200, Deduct	-5.30
		For >200 To 400, Deduct	-10.60
		For >400, Deduct	-15.91
03 31 13 00-0014	CY	Direct Chute, Place 3,000 PSI Concrete Pile Caps	196.20
		For 2,000 PSI Concrete, Deduct	-7.73
		For 2,500 PSI Concrete, Deduct	-3.86
		For 3,500 PSI Concrete, Add	7.16
		For 3,750 PSI Concrete, Add	9.73
		For 4,000 PSI Concrete, Add	12.31
		For 4,500 PSI Concrete, Add	14.31
		For 5,000 PSI Concrete, Add	16.32
		For 6,000 PSI Concrete, Add	38.64
		For White Cement Concrete, Add	17.17
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61
		For High Early Strength, Type 3 ASTM C150, Add	14.31
		For Lightweight Aggregate, ASTM C330, Add	50.09
		For Up To 20, Add	21.23
		For >20 To 50, Add	7.96
		For >100 To 200, Deduct	-3.92
		For >200 To 400, Deduct	-7.85
		For >400, Deduct	-11.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0015 CY Concrete Pump, Place 3,000 PSI Concrete Pile Caps	205.59	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	20.22	
For >20 To 50, Add	7.58	
For >100 To 200, Deduct	-4.11	
For >200 To 400, Deduct	-8.22	
For >400, Deduct	-12.34	
03 31 13 00-0016 Place Concrete Continuous Footings (03 31 13 00-0011)		
03 31 13 00-0017 CY Crane And Bucket, Place 3,000 PSI Concrete Continuous Footings.....	251.55	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	43.37	
For >20 To 50, Add	16.26	
For >100 To 200, Deduct	-5.03	
For >200 To 400, Deduct	-10.06	
For >400, Deduct	-15.09	
03 31 13 00-0018 CY Direct Chute, Place 3,000 PSI Concrete Continuous Footings.....	190.30	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	18.87	
For >20 To 50, Add	7.08	
For >100 To 200, Deduct	-3.81	
For >200 To 400, Deduct	-7.61	
For >400, Deduct	-11.42	
03 31 13 00-0019 CY Concrete Pump, Place 3,000 PSI Concrete Continuous Footings.....	199.98	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	17.97	
For >20 To 50, Add	6.74	
For >100 To 200, Deduct	-4.00	
For >200 To 400, Deduct	-8.00	
For >400, Deduct	-12.00	
03 31 13 00-0020 Place Concrete Spread Footings (03 31 13 00-0011)		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0021	CY Crane And Bucket, Place 3,000 PSI Concrete Spread Footings.....	326.09	
	<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
	<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
	<i>For 3,500 PSI Concrete, Add</i>	7.16	
	<i>For 3,750 PSI Concrete, Add</i>	9.73	
	<i>For 4,000 PSI Concrete, Add</i>	12.31	
	<i>For 4,500 PSI Concrete, Add</i>	14.31	
	<i>For 5,000 PSI Concrete, Add</i>	16.32	
	<i>For 6,000 PSI Concrete, Add</i>	38.64	
	<i>For White Cement Concrete, Add</i>	17.17	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
	<i>For Up To 20, Add</i>	73.19	
	<i>For >20 To 50, Add</i>	27.45	
	<i>For >100 To 200, Deduct</i>	-6.52	
	<i>For >200 To 400, Deduct</i>	-13.04	
	<i>For >400, Deduct</i>	-19.57	
03 31 13 00-0022	CY Direct Chute, Place 3,000 PSI Concrete Spread Footings.....	222.73	
	<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
	<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
	<i>For 3,500 PSI Concrete, Add</i>	7.16	
	<i>For 3,750 PSI Concrete, Add</i>	9.73	
	<i>For 4,000 PSI Concrete, Add</i>	12.31	
	<i>For 4,500 PSI Concrete, Add</i>	14.31	
	<i>For 5,000 PSI Concrete, Add</i>	16.32	
	<i>For 6,000 PSI Concrete, Add</i>	38.64	
	<i>For White Cement Concrete, Add</i>	17.17	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
	<i>For Up To 20, Add</i>	31.84	
	<i>For >20 To 50, Add</i>	11.94	
	<i>For >100 To 200, Deduct</i>	-4.45	
	<i>For >200 To 400, Deduct</i>	-8.91	
	<i>For >400, Deduct</i>	-13.36	
03 31 13 00-0023	CY Concrete Pump, Place 3,000 PSI Concrete Spread Footings.....	230.87	
	Note: Excludes pumping equipment.		
	<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
	<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
	<i>For 3,500 PSI Concrete, Add</i>	7.75	
	<i>For 3,750 PSI Concrete, Add</i>	10.54	
	<i>For 4,000 PSI Concrete, Add</i>	13.33	
	<i>For 4,500 PSI Concrete, Add</i>	15.51	
	<i>For 5,000 PSI Concrete, Add</i>	17.68	
	<i>For 6,000 PSI Concrete, Add</i>	41.86	
	<i>For White Cement Concrete, Add</i>	18.61	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
	<i>For Up To 20, Add</i>	30.33	
	<i>For >20 To 50, Add</i>	11.37	
	<i>For >100 To 200, Deduct</i>	-4.62	
	<i>For >200 To 400, Deduct</i>	-9.23	
	<i>For >400, Deduct</i>	-13.85	
03 31 13 00-0024	Place Concrete Mat Foundation <small>(03 31 13 00-0011)</small>		
03 31 13 00-0025	CY Crane And Bucket, Place 3,000 PSI Concrete Mat Foundation.....	175.65	
	<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
	<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
	<i>For 3,500 PSI Concrete, Add</i>	7.16	
	<i>For 3,750 PSI Concrete, Add</i>	9.73	
	<i>For 4,000 PSI Concrete, Add</i>	12.31	
	<i>For 4,500 PSI Concrete, Add</i>	14.31	
	<i>For 5,000 PSI Concrete, Add</i>	16.32	
	<i>For 6,000 PSI Concrete, Add</i>	38.64	
	<i>For White Cement Concrete, Add</i>	17.17	
	<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
	<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
	<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
	<i>For Up To 20, Add</i>	13.01	
	<i>For >20 To 50, Add</i>	4.88	
	<i>For >100 To 200, Deduct</i>	-3.51	
	<i>For >200 To 400, Deduct</i>	-7.03	
	<i>For >400, Deduct</i>	-10.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0026 CY Direct Chute, Place 3,000 PSI Concrete Mat Foundation.....	157.28	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	5.66	
For >20 To 50, Add	2.12	
For >100 To 200, Deduct	-3.15	
For >200 To 400, Deduct	-6.29	
For >400, Deduct	-9.44	
03 31 13 00-0027 CY Concrete Pump, Place 3,000 PSI Concrete Mat Foundation.....	166.84	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	4.72	
For >20 To 50, Add	1.77	
For >100 To 200, Deduct	-3.34	
For >200 To 400, Deduct	-6.67	
For >400, Deduct	-10.01	
03 31 13 00-0028 Place Concrete Grade Beams (03 31 13 00-0011)		
03 31 13 00-0029 CY Crane And Bucket, Place 3,000 PSI Concrete Grade Beams	229.86	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	34.70	
For >20 To 50, Add	13.01	
For >100 To 200, Deduct	-4.60	
For >200 To 400, Deduct	-9.19	
For >400, Deduct	-13.79	
03 31 13 00-0030 CY Direct Chute, Place 3,000 PSI Concrete Grade Beams.....	180.86	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	15.10	
For >20 To 50, Add	5.66	
For >100 To 200, Deduct	-3.62	
For >200 To 400, Deduct	-7.23	
For >400, Deduct	-10.85	

03 Concrete**03 30 Cast-In-Place Concrete****03 31 Structural Concrete**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
03 31 13 00-0031	CY	Concrete Pump, Place 3,000 PSI Concrete Grade Beams.....		190.99	
		Note: Excludes pumping equipment.			
		For 2,000 PSI Concrete, Deduct		-8.37	
		For 2,500 PSI Concrete, Deduct		-4.19	
		For 3,500 PSI Concrete, Add		7.75	
		For 3,750 PSI Concrete, Add		10.54	
		For 4,000 PSI Concrete, Add		13.33	
		For 4,500 PSI Concrete, Add		15.51	
		For 5,000 PSI Concrete, Add		17.68	
		For 6,000 PSI Concrete, Add		41.86	
		For White Cement Concrete, Add		18.61	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		20.16	
		For High Early Strength, Type 3 ASTM C150, Add		15.51	
		For Lightweight Aggregate, ASTM C330, Add		54.27	
		For Up To 20, Add		14.38	
		For >20 To 50, Add		5.39	
		For >100 To 200, Deduct		-3.82	
		For >200 To 400, Deduct		-7.64	
		For >400, Deduct		-11.46	
03 31 13 00-0032		Place Concrete Slab On Grade (03 31 13 00-0011)			
03 31 13 00-0033	CY	Up To 6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....		231.90	
		For 2,000 PSI Concrete, Deduct		-7.73	
		For 2,500 PSI Concrete, Deduct		-3.86	
		For 3,500 PSI Concrete, Add		7.16	
		For 3,750 PSI Concrete, Add		9.73	
		For 4,000 PSI Concrete, Add		12.31	
		For 4,500 PSI Concrete, Add		14.31	
		For 5,000 PSI Concrete, Add		16.32	
		For 6,000 PSI Concrete, Add		38.64	
		For White Cement Concrete, Add		17.17	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		18.61	
		For High Early Strength, Type 3 ASTM C150, Add		14.31	
		For Lightweight Aggregate, ASTM C330, Add		50.09	
		For Up To 20, Add		35.51	
		For >20 To 50, Add		13.32	
		For >100 To 200, Deduct		-4.64	
		For >200 To 400, Deduct		-9.28	
		For >400, Deduct		-13.91	
03 31 13 00-0034	CY	>6", By Crane And Bucket, Place 3,000 PSI Concrete Slab On Grade.....		210.49	
		For 2,000 PSI Concrete, Deduct		-7.73	
		For 2,500 PSI Concrete, Deduct		-3.86	
		For 3,500 PSI Concrete, Add		7.16	
		For 3,750 PSI Concrete, Add		9.73	
		For 4,000 PSI Concrete, Add		12.31	
		For 4,500 PSI Concrete, Add		14.31	
		For 5,000 PSI Concrete, Add		16.32	
		For 6,000 PSI Concrete, Add		38.64	
		For White Cement Concrete, Add		17.17	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		18.61	
		For High Early Strength, Type 3 ASTM C150, Add		14.31	
		For Lightweight Aggregate, ASTM C330, Add		50.09	
		For Up To 20, Add		26.95	
		For >20 To 50, Add		10.11	
		For >100 To 200, Deduct		-4.21	
		For >200 To 400, Deduct		-8.42	
		For >400, Deduct		-12.63	
03 31 13 00-0035	CY	Up To 6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade.....		181.75	
		For 2,000 PSI Concrete, Deduct		-7.73	
		For 2,500 PSI Concrete, Deduct		-3.86	
		For 3,500 PSI Concrete, Add		7.16	
		For 3,750 PSI Concrete, Add		9.73	
		For 4,000 PSI Concrete, Add		12.31	
		For 4,500 PSI Concrete, Add		14.31	
		For 5,000 PSI Concrete, Add		16.32	
		For 6,000 PSI Concrete, Add		38.64	
		For White Cement Concrete, Add		17.17	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add		18.61	
		For High Early Strength, Type 3 ASTM C150, Add		14.31	
		For Lightweight Aggregate, ASTM C330, Add		50.09	
		For Up To 20, Add		15.45	
		For >20 To 50, Add		5.79	
		For >100 To 200, Deduct		-3.64	
		For >200 To 400, Deduct		-7.27	
		For >400, Deduct		-10.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0036 CY >6", By Direct Chute, Place 3,000 PSI Concrete Slab On Grade	172.43	
<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
<i>For 3,500 PSI Concrete, Add</i>	7.16	
<i>For 3,750 PSI Concrete, Add</i>	9.73	
<i>For 4,000 PSI Concrete, Add</i>	12.31	
<i>For 4,500 PSI Concrete, Add</i>	14.31	
<i>For 5,000 PSI Concrete, Add</i>	16.32	
<i>For 6,000 PSI Concrete, Add</i>	38.64	
<i>For White Cement Concrete, Add</i>	17.17	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
<i>For Up To 20, Add</i>	11.72	
<i>For >20 To 50, Add</i>	4.40	
<i>For >100 To 200, Deduct</i>	-3.45	
<i>For >200 To 400, Deduct</i>	-6.90	
<i>For >400, Deduct</i>	-10.35	
03 31 13 00-0037 CY Up To 6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	187.25	
Note: Excludes pumping equipment.		
<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
<i>For 3,500 PSI Concrete, Add</i>	7.75	
<i>For 3,750 PSI Concrete, Add</i>	10.54	
<i>For 4,000 PSI Concrete, Add</i>	13.33	
<i>For 4,500 PSI Concrete, Add</i>	15.51	
<i>For 5,000 PSI Concrete, Add</i>	17.68	
<i>For 6,000 PSI Concrete, Add</i>	41.86	
<i>For White Cement Concrete, Add</i>	18.61	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
<i>For Up To 20, Add</i>	12.88	
<i>For >20 To 50, Add</i>	4.83	
<i>For >100 To 200, Deduct</i>	-3.75	
<i>For >200 To 400, Deduct</i>	-7.49	
<i>For >400, Deduct</i>	-11.24	
03 31 13 00-0038 CY >6", By Concrete Pump, Place 3,000 PSI Concrete Slab On Grade	179.47	
Note: Excludes pumping equipment.		
<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
<i>For 3,500 PSI Concrete, Add</i>	7.75	
<i>For 3,750 PSI Concrete, Add</i>	10.54	
<i>For 4,000 PSI Concrete, Add</i>	13.33	
<i>For 4,500 PSI Concrete, Add</i>	15.51	
<i>For 5,000 PSI Concrete, Add</i>	17.68	
<i>For 6,000 PSI Concrete, Add</i>	41.86	
<i>For White Cement Concrete, Add</i>	18.61	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
<i>For Up To 20, Add</i>	9.77	
<i>For >20 To 50, Add</i>	3.66	
<i>For >100 To 200, Deduct</i>	-3.59	
<i>For >200 To 400, Deduct</i>	-7.18	
<i>For >400, Deduct</i>	-10.77	
03 31 13 00-0039 Place Concrete Stairs <small>(03 31 13 00-0011)</small>		
03 31 13 00-0040 CY Crane And Bucket, Place 3,000 PSI On Grade Concrete Stairs	542.57	
<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
<i>For 3,500 PSI Concrete, Add</i>	7.16	
<i>For 3,750 PSI Concrete, Add</i>	9.73	
<i>For 4,000 PSI Concrete, Add</i>	12.31	
<i>For 4,500 PSI Concrete, Add</i>	14.31	
<i>For 5,000 PSI Concrete, Add</i>	16.32	
<i>For 6,000 PSI Concrete, Add</i>	38.64	
<i>For White Cement Concrete, Add</i>	17.17	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
<i>For Up To 20, Add</i>	159.78	
<i>For >20 To 50, Add</i>	59.92	
<i>For >100 To 200, Deduct</i>	-10.85	
<i>For >200 To 400, Deduct</i>	-21.70	
<i>For >400, Deduct</i>	-32.55	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31	13 00-0041	CY	Direct Chute, Place 3,000 PSI On Grade Concrete Stairs	316.96	
			<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
			<i>For 3,500 PSI Concrete, Add</i>	7.16	
			<i>For 3,750 PSI Concrete, Add</i>	9.73	
			<i>For 4,000 PSI Concrete, Add</i>	12.31	
			<i>For 4,500 PSI Concrete, Add</i>	14.31	
			<i>For 5,000 PSI Concrete, Add</i>	16.32	
			<i>For 6,000 PSI Concrete, Add</i>	38.64	
			<i>For White Cement Concrete, Add</i>	17.17	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
			<i>For Up To 20, Add</i>	69.54	
			<i>For >20 To 50, Add</i>	26.08	
			<i>For >100 To 200, Deduct</i>	-6.34	
			<i>For >200 To 400, Deduct</i>	-12.68	
			<i>For >400, Deduct</i>	-19.02	
03 31	13 00-0042	CY	Concrete Pump, Place 3,000 PSI On Grade Concrete Stairs	299.93	
			Note: Excludes pumping equipment.		
			<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
			<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
			<i>For 3,500 PSI Concrete, Add</i>	7.75	
			<i>For 3,750 PSI Concrete, Add</i>	10.54	
			<i>For 4,000 PSI Concrete, Add</i>	13.33	
			<i>For 4,500 PSI Concrete, Add</i>	15.51	
			<i>For 5,000 PSI Concrete, Add</i>	17.68	
			<i>For 6,000 PSI Concrete, Add</i>	41.86	
			<i>For White Cement Concrete, Add</i>	18.61	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
			<i>For Up To 20, Add</i>	57.95	
			<i>For >20 To 50, Add</i>	21.73	
			<i>For >100 To 200, Deduct</i>	-6.00	
			<i>For >200 To 400, Deduct</i>	-12.00	
			<i>For >400, Deduct</i>	-18.00	
03 31	13 00-0043		Place Concrete Superstructure By Method Indicated <small>(03 31 13 00-0010)</small>		
			See CSI section 03 37 16 00-0001 for concrete pump truck.		
03 31	13 00-0044		Place Elevated Concrete Beams <small>(03 31 13 00-0043)</small>		
03 31	13 00-0045	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Beams	359.97	
			<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
			<i>For 3,500 PSI Concrete, Add</i>	7.16	
			<i>For 3,750 PSI Concrete, Add</i>	9.73	
			<i>For 4,000 PSI Concrete, Add</i>	12.31	
			<i>For 4,500 PSI Concrete, Add</i>	14.31	
			<i>For 5,000 PSI Concrete, Add</i>	16.32	
			<i>For 6,000 PSI Concrete, Add</i>	38.64	
			<i>For White Cement Concrete, Add</i>	17.17	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
			<i>For Up To 20, Add</i>	86.74	
			<i>For >20 To 50, Add</i>	32.53	
			<i>For >100 To 200, Deduct</i>	-7.20	
			<i>For >200 To 400, Deduct</i>	-14.40	
			<i>For >400, Deduct</i>	-21.60	
03 31	13 00-0046	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Beams	244.92	
			Note: Excludes pumping equipment.		
			<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
			<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
			<i>For 3,500 PSI Concrete, Add</i>	7.75	
			<i>For 3,750 PSI Concrete, Add</i>	10.54	
			<i>For 4,000 PSI Concrete, Add</i>	13.33	
			<i>For 4,500 PSI Concrete, Add</i>	15.51	
			<i>For 5,000 PSI Concrete, Add</i>	17.68	
			<i>For 6,000 PSI Concrete, Add</i>	41.86	
			<i>For White Cement Concrete, Add</i>	18.61	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
			<i>For Up To 20, Add</i>	35.95	
			<i>For >20 To 50, Add</i>	13.48	
			<i>For >100 To 200, Deduct</i>	-4.90	
			<i>For >200 To 400, Deduct</i>	-9.80	
			<i>For >400, Deduct</i>	-14.70	
03 31	13 00-0047		Place Elevated Concrete Slab <small>(03 31 13 00-0043)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0048 CY Up To 6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	245.22	
<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
<i>For 3,500 PSI Concrete, Add</i>	7.16	
<i>For 3,750 PSI Concrete, Add</i>	9.73	
<i>For 4,000 PSI Concrete, Add</i>	12.31	
<i>For 4,500 PSI Concrete, Add</i>	14.31	
<i>For 5,000 PSI Concrete, Add</i>	16.32	
<i>For 6,000 PSI Concrete, Add</i>	38.64	
<i>For White Cement Concrete, Add</i>	17.17	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
<i>For Up To 20, Add</i>	40.84	
<i>For >20 To 50, Add</i>	15.32	
<i>For >100 To 200, Deduct</i>	-4.90	
<i>For >200 To 400, Deduct</i>	-9.81	
<i>For >400, Deduct</i>	-14.71	
03 31 13 00-0049 CY >6", By Crane And Bucket, Place 3,000 PSI Elevated Concrete Slab	220.58	
<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
<i>For 3,500 PSI Concrete, Add</i>	7.16	
<i>For 3,750 PSI Concrete, Add</i>	9.73	
<i>For 4,000 PSI Concrete, Add</i>	12.31	
<i>For 4,500 PSI Concrete, Add</i>	14.31	
<i>For 5,000 PSI Concrete, Add</i>	16.32	
<i>For 6,000 PSI Concrete, Add</i>	38.64	
<i>For White Cement Concrete, Add</i>	17.17	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
<i>For Up To 20, Add</i>	30.98	
<i>For >20 To 50, Add</i>	11.62	
<i>For >100 To 200, Deduct</i>	-4.41	
<i>For >200 To 400, Deduct</i>	-8.82	
<i>For >400, Deduct</i>	-13.23	
03 31 13 00-0050 CY Up To 6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	197.35	
Note: Excludes pumping equipment.		
<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
<i>For 3,500 PSI Concrete, Add</i>	7.75	
<i>For 3,750 PSI Concrete, Add</i>	10.54	
<i>For 4,000 PSI Concrete, Add</i>	13.33	
<i>For 4,500 PSI Concrete, Add</i>	15.51	
<i>For 5,000 PSI Concrete, Add</i>	17.68	
<i>For 6,000 PSI Concrete, Add</i>	41.86	
<i>For White Cement Concrete, Add</i>	18.61	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
<i>For Up To 20, Add</i>	16.92	
<i>For >20 To 50, Add</i>	6.35	
<i>For >100 To 200, Deduct</i>	-3.95	
<i>For >200 To 400, Deduct</i>	-7.89	
<i>For >400, Deduct</i>	-11.84	
03 31 13 00-0051 CY >6", By Concrete Pump, Place 3,000 PSI Elevated Concrete Slab	187.15	
Note: Excludes pumping equipment.		
<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
<i>For 3,500 PSI Concrete, Add</i>	7.75	
<i>For 3,750 PSI Concrete, Add</i>	10.54	
<i>For 4,000 PSI Concrete, Add</i>	13.33	
<i>For 4,500 PSI Concrete, Add</i>	15.51	
<i>For 5,000 PSI Concrete, Add</i>	17.68	
<i>For 6,000 PSI Concrete, Add</i>	41.86	
<i>For White Cement Concrete, Add</i>	18.61	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
<i>For Up To 20, Add</i>	12.84	
<i>For >20 To 50, Add</i>	4.82	
<i>For >100 To 200, Deduct</i>	-3.74	
<i>For >200 To 400, Deduct</i>	-7.49	
<i>For >400, Deduct</i>	-11.23	
03 31 13 00-0052 Place Concrete Columns <small>(03 31 13 00-0043)</small>		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0053	CY	12" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	377.32	
		<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
		<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
		<i>For 3,500 PSI Concrete, Add</i>	7.16	
		<i>For 3,750 PSI Concrete, Add</i>	9.73	
		<i>For 4,000 PSI Concrete, Add</i>	12.31	
		<i>For 4,500 PSI Concrete, Add</i>	14.31	
		<i>For 5,000 PSI Concrete, Add</i>	16.32	
		<i>For 6,000 PSI Concrete, Add</i>	38.64	
		<i>For White Cement Concrete, Add</i>	17.17	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
		<i>For Up To 20, Add</i>	93.68	
		<i>For >20 To 50, Add</i>	35.13	
		<i>For >100 To 200, Deduct</i>	-7.55	
		<i>For >200 To 400, Deduct</i>	-15.09	
		<i>For >400, Deduct</i>	-22.64	
03 31 13 00-0054	CY	18" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	313.35	
		<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
		<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
		<i>For 3,500 PSI Concrete, Add</i>	7.16	
		<i>For 3,750 PSI Concrete, Add</i>	9.73	
		<i>For 4,000 PSI Concrete, Add</i>	12.31	
		<i>For 4,500 PSI Concrete, Add</i>	14.31	
		<i>For 5,000 PSI Concrete, Add</i>	16.32	
		<i>For 6,000 PSI Concrete, Add</i>	38.64	
		<i>For White Cement Concrete, Add</i>	17.17	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
		<i>For Up To 20, Add</i>	68.09	
		<i>For >20 To 50, Add</i>	25.53	
		<i>For >100 To 200, Deduct</i>	-6.27	
		<i>For >200 To 400, Deduct</i>	-12.53	
		<i>For >400, Deduct</i>	-18.80	
03 31 13 00-0055	CY	24" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	267.59	
		<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
		<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
		<i>For 3,500 PSI Concrete, Add</i>	7.16	
		<i>For 3,750 PSI Concrete, Add</i>	9.73	
		<i>For 4,000 PSI Concrete, Add</i>	12.31	
		<i>For 4,500 PSI Concrete, Add</i>	14.31	
		<i>For 5,000 PSI Concrete, Add</i>	16.32	
		<i>For 6,000 PSI Concrete, Add</i>	38.64	
		<i>For White Cement Concrete, Add</i>	17.17	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
		<i>For Up To 20, Add</i>	49.79	
		<i>For >20 To 50, Add</i>	18.67	
		<i>For >100 To 200, Deduct</i>	-5.35	
		<i>For >200 To 400, Deduct</i>	-10.70	
		<i>For >400, Deduct</i>	-16.06	
03 31 13 00-0056	CY	36" Square Or Round, By Crane And Bucket, Place 3,000 PSI Concrete Columns	247.21	
		<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
		<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
		<i>For 3,500 PSI Concrete, Add</i>	7.16	
		<i>For 3,750 PSI Concrete, Add</i>	9.73	
		<i>For 4,000 PSI Concrete, Add</i>	12.31	
		<i>For 4,500 PSI Concrete, Add</i>	14.31	
		<i>For 5,000 PSI Concrete, Add</i>	16.32	
		<i>For 6,000 PSI Concrete, Add</i>	38.64	
		<i>For White Cement Concrete, Add</i>	17.17	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
		<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
		<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
		<i>For Up To 20, Add</i>	41.64	
		<i>For >20 To 50, Add</i>	15.61	
		<i>For >100 To 200, Deduct</i>	-4.94	
		<i>For >200 To 400, Deduct</i>	-9.89	
		<i>For >400, Deduct</i>	-14.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0057 CY 12" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns 252.11		
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	38.82	
For >20 To 50, Add	14.56	
For >100 To 200, Deduct	-5.04	
For >200 To 400, Deduct	-10.08	
For >400, Deduct	-15.13	
03 31 13 00-0058 CY 18" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns 225.59		
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	28.22	
For >20 To 50, Add	10.58	
For >100 To 200, Deduct	-4.51	
For >200 To 400, Deduct	-9.02	
For >400, Deduct	-13.54	
03 31 13 00-0059 CY 24" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns 206.63		
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	20.63	
For >20 To 50, Add	7.74	
For >100 To 200, Deduct	-4.13	
For >200 To 400, Deduct	-8.27	
For >400, Deduct	-12.40	
03 31 13 00-0060 CY 36" Square Or Round, By Concrete Pump, Place 3,000 PSI Concrete Columns 198.19		
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	17.26	
For >20 To 50, Add	6.47	
For >100 To 200, Deduct	-3.96	
For >200 To 400, Deduct	-7.93	
For >400, Deduct	-11.89	

03 31 13 00-0061 Place Concrete Walls (03 31 13 00-0043)

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 31 13 00-0062	CY	Up To 8" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	362.69	
		For 2,000 PSI Concrete, Deduct	-7.73	
		For 2,500 PSI Concrete, Deduct	-3.86	
		For 3,500 PSI Concrete, Add	7.16	
		For 3,750 PSI Concrete, Add	9.73	
		For 4,000 PSI Concrete, Add	12.31	
		For 4,500 PSI Concrete, Add	14.31	
		For 5,000 PSI Concrete, Add	16.32	
		For 6,000 PSI Concrete, Add	38.64	
		For White Cement Concrete, Add	17.17	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
		For High Early Strength, Type 3 ASTM C150, Add	14.31	
		For Lightweight Aggregate, ASTM C330, Add	50.09	
		For Up To 20, Add	87.83	
		For >20 To 50, Add	32.94	
		For >100 To 200, Deduct	-7.25	
		For >200 To 400, Deduct	-14.51	
		For >400, Deduct	-21.76	
03 31 13 00-0063	CY	12" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	344.48	
		For 2,000 PSI Concrete, Deduct	-7.73	
		For 2,500 PSI Concrete, Deduct	-3.86	
		For 3,500 PSI Concrete, Add	7.16	
		For 3,750 PSI Concrete, Add	9.73	
		For 4,000 PSI Concrete, Add	12.31	
		For 4,500 PSI Concrete, Add	14.31	
		For 5,000 PSI Concrete, Add	16.32	
		For 6,000 PSI Concrete, Add	38.64	
		For White Cement Concrete, Add	17.17	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
		For High Early Strength, Type 3 ASTM C150, Add	14.31	
		For Lightweight Aggregate, ASTM C330, Add	50.09	
		For Up To 20, Add	80.54	
		For >20 To 50, Add	30.20	
		For >100 To 200, Deduct	-6.89	
		For >200 To 400, Deduct	-13.78	
		For >400, Deduct	-20.67	
03 31 13 00-0064	CY	15" Thick, By Crane And Bucket, Place 3,000 PSI Concrete Walls	296.82	
		For 2,000 PSI Concrete, Deduct	-7.73	
		For 2,500 PSI Concrete, Deduct	-3.86	
		For 3,500 PSI Concrete, Add	7.16	
		For 3,750 PSI Concrete, Add	9.73	
		For 4,000 PSI Concrete, Add	12.31	
		For 4,500 PSI Concrete, Add	14.31	
		For 5,000 PSI Concrete, Add	16.32	
		For 6,000 PSI Concrete, Add	38.64	
		For White Cement Concrete, Add	17.17	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
		For High Early Strength, Type 3 ASTM C150, Add	14.31	
		For Lightweight Aggregate, ASTM C330, Add	50.09	
		For Up To 20, Add	61.48	
		For >20 To 50, Add	23.06	
		For >100 To 200, Deduct	-5.94	
		For >200 To 400, Deduct	-11.87	
		For >400, Deduct	-17.81	
03 31 13 00-0065	CY	Up To 8" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	238.66	
		For 2,000 PSI Concrete, Deduct	-7.73	
		For 2,500 PSI Concrete, Deduct	-3.86	
		For 3,500 PSI Concrete, Add	7.16	
		For 3,750 PSI Concrete, Add	9.73	
		For 4,000 PSI Concrete, Add	12.31	
		For 4,500 PSI Concrete, Add	14.31	
		For 5,000 PSI Concrete, Add	16.32	
		For 6,000 PSI Concrete, Add	38.64	
		For White Cement Concrete, Add	17.17	
		For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
		For High Early Strength, Type 3 ASTM C150, Add	14.31	
		For Lightweight Aggregate, ASTM C330, Add	50.09	
		For Up To 20, Add	38.22	
		For >20 To 50, Add	14.33	
		For >100 To 200, Deduct	-4.77	
		For >200 To 400, Deduct	-9.55	
		For >400, Deduct	-14.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0066 CY 12" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	219.55	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	30.57	
For >20 To 50, Add	11.46	
For >100 To 200, Deduct	-4.39	
For >200 To 400, Deduct	-8.78	
For >400, Deduct	-13.17	
03 31 13 00-0067 CY 15" Thick, By Direct Chute, Place 3,000 PSI Concrete Walls	210.00	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	26.75	
For >20 To 50, Add	10.03	
For >100 To 200, Deduct	-4.20	
For >200 To 400, Deduct	-8.40	
For >400, Deduct	-12.60	
03 31 13 00-0068 CY Up To 8" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	246.04	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	36.40	
For >20 To 50, Add	13.65	
For >100 To 200, Deduct	-4.92	
For >200 To 400, Deduct	-9.84	
For >400, Deduct	-14.76	
03 31 13 00-0069 CY 12" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls	227.83	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	29.11	
For >20 To 50, Add	10.92	
For >100 To 200, Deduct	-4.56	
For >200 To 400, Deduct	-9.11	
For >400, Deduct	-13.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31	13 00-0070	CY	15" Thick, By Concrete Pump, Place 3,000 PSI Concrete Walls Note: Excludes pumping equipment.	218.74	
			<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
			<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
			<i>For 3,500 PSI Concrete, Add</i>	7.75	
			<i>For 3,750 PSI Concrete, Add</i>	10.54	
			<i>For 4,000 PSI Concrete, Add</i>	13.33	
			<i>For 4,500 PSI Concrete, Add</i>	15.51	
			<i>For 5,000 PSI Concrete, Add</i>	17.68	
			<i>For 6,000 PSI Concrete, Add</i>	41.86	
			<i>For White Cement Concrete, Add</i>	18.61	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
			<i>For Up To 20, Add</i>	25.48	
			<i>For >20 To 50, Add</i>	9.55	
			<i>For >100 To 200, Deduct</i>	-4.37	
			<i>For >200 To 400, Deduct</i>	-8.75	
			<i>For >400, Deduct</i>	-13.12	
03 31	13 00-0071		Place Elevated Concrete Stairs (03 31 13 00-0043)		
03 31	13 00-0072	CY	Crane And Bucket, Place 3,000 PSI Elevated Concrete Stairs.....	587.01	
			<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
			<i>For 3,500 PSI Concrete, Add</i>	7.16	
			<i>For 3,750 PSI Concrete, Add</i>	9.73	
			<i>For 4,000 PSI Concrete, Add</i>	12.31	
			<i>For 4,500 PSI Concrete, Add</i>	14.31	
			<i>For 5,000 PSI Concrete, Add</i>	16.32	
			<i>For 6,000 PSI Concrete, Add</i>	38.64	
			<i>For White Cement Concrete, Add</i>	17.17	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
			<i>For Up To 20, Add</i>	177.56	
			<i>For >20 To 50, Add</i>	66.58	
			<i>For >100 To 200, Deduct</i>	-11.74	
			<i>For >200 To 400, Deduct</i>	-23.48	
			<i>For >400, Deduct</i>	-35.22	
03 31	13 00-0073	CY	Direct Chute, Place 3,000 PSI Elevated Concrete Stairs.....	336.26	
			<i>For 2,000 PSI Concrete, Deduct</i>	-7.73	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.86	
			<i>For 3,500 PSI Concrete, Add</i>	7.16	
			<i>For 3,750 PSI Concrete, Add</i>	9.73	
			<i>For 4,000 PSI Concrete, Add</i>	12.31	
			<i>For 4,500 PSI Concrete, Add</i>	14.31	
			<i>For 5,000 PSI Concrete, Add</i>	16.32	
			<i>For 6,000 PSI Concrete, Add</i>	38.64	
			<i>For White Cement Concrete, Add</i>	17.17	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	18.61	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	14.31	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	50.09	
			<i>For Up To 20, Add</i>	77.26	
			<i>For >20 To 50, Add</i>	28.97	
			<i>For >100 To 200, Deduct</i>	-6.73	
			<i>For >200 To 400, Deduct</i>	-13.45	
			<i>For >400, Deduct</i>	-20.18	
03 31	13 00-0074	CY	Concrete Pump, Place 3,000 PSI Elevated Concrete Stairs..... Note: Excludes pumping equipment.	316.00	
			<i>For 2,000 PSI Concrete, Deduct</i>	-8.37	
			<i>For 2,500 PSI Concrete, Deduct</i>	-4.19	
			<i>For 3,500 PSI Concrete, Add</i>	7.75	
			<i>For 3,750 PSI Concrete, Add</i>	10.54	
			<i>For 4,000 PSI Concrete, Add</i>	13.33	
			<i>For 4,500 PSI Concrete, Add</i>	15.51	
			<i>For 5,000 PSI Concrete, Add</i>	17.68	
			<i>For 6,000 PSI Concrete, Add</i>	41.86	
			<i>For White Cement Concrete, Add</i>	18.61	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	20.16	
			<i>For High Early Strength, Type 3 ASTM C150, Add</i>	15.51	
			<i>For Lightweight Aggregate, ASTM C330, Add</i>	54.27	
			<i>For Up To 20, Add</i>	64.38	
			<i>For >20 To 50, Add</i>	24.14	
			<i>For >100 To 200, Deduct</i>	-6.32	
			<i>For >200 To 400, Deduct</i>	-12.64	
			<i>For >400, Deduct</i>	-18.96	
03 31	13 00-0075		Place Concrete Coping (03 31 13 00-0043)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31 13 00-0076 CY Crane And Bucket, Place 3,000 PSI Concrete Coping	602.34	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	183.69	
For >20 To 50, Add	68.88	
For >100 To 200, Deduct	-12.05	
For >200 To 400, Deduct	-24.09	
For >400, Deduct	-36.14	
03 31 13 00-0077 CY Direct Chute, Place 3,000 PSI Concrete Coping	334.97	
For 2,000 PSI Concrete, Deduct	-7.73	
For 2,500 PSI Concrete, Deduct	-3.86	
For 3,500 PSI Concrete, Add	7.16	
For 3,750 PSI Concrete, Add	9.73	
For 4,000 PSI Concrete, Add	12.31	
For 4,500 PSI Concrete, Add	14.31	
For 5,000 PSI Concrete, Add	16.32	
For 6,000 PSI Concrete, Add	38.64	
For White Cement Concrete, Add	17.17	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	18.61	
For High Early Strength, Type 3 ASTM C150, Add	14.31	
For Lightweight Aggregate, ASTM C330, Add	50.09	
For Up To 20, Add	76.74	
For >20 To 50, Add	28.78	
For >100 To 200, Deduct	-6.70	
For >200 To 400, Deduct	-13.40	
For >400, Deduct	-20.10	
03 31 13 00-0078 CY Concrete Pump, Place 3,000 PSI Concrete Coping	445.63	
Note: Excludes pumping equipment.		
For 2,000 PSI Concrete, Deduct	-8.37	
For 2,500 PSI Concrete, Deduct	-4.19	
For 3,500 PSI Concrete, Add	7.75	
For 3,750 PSI Concrete, Add	10.54	
For 4,000 PSI Concrete, Add	13.33	
For 4,500 PSI Concrete, Add	15.51	
For 5,000 PSI Concrete, Add	17.68	
For 6,000 PSI Concrete, Add	41.86	
For White Cement Concrete, Add	18.61	
For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add	20.16	
For High Early Strength, Type 3 ASTM C150, Add	15.51	
For Lightweight Aggregate, ASTM C330, Add	54.27	
For Up To 20, Add	116.23	
For >20 To 50, Add	43.59	
For >100 To 200, Deduct	-8.91	
For >200 To 400, Deduct	-17.83	
For >400, Deduct	-26.74	
03 31 13 00-0079 Concrete Carts <small>(03 31 13 00-0010)</small>		
Note: Used to place concrete were necessary.		
03 31 13 00-0080 CY 50' Haul, Non-Motorized, Concrete Buggy	23.02	
03 31 13 00-0081 CY 150' Haul, Non-Motorized, Concrete Buggy	30.82	
03 31 13 00-0082 CY 250' Haul, Non-Motorized, Concrete Buggy	41.10	
03 31 13 00-0083 CY 50' Haul, Motorized, Concrete Buggy	10.53	
03 31 13 00-0084 CY 150' Haul, Motorized, Concrete Buggy	14.10	
03 31 13 00-0085 CY 250' Haul, Motorized, Concrete Buggy	18.82	
03 31 13 00-0086 Delivery Fee For Small Concrete Purchases (Short Load) <small>(03 31 13)</small>		
03 31 13 00-0087 CY Delivery Fee For Small Concrete Purchases (Short Load) Per CY For Each CY Less Than 9 CY	32.49	
Note: The task quantity is 9 minus the number of CY's delivered. For example, the delivery fee for 2CY's is: (9-2) = 7.		
03 31 13 00-0088 Equipment Pads <small>(03 31 13)</small>		
03 31 13 00-0089 Small Concrete Equipment Housekeeping Pad Assemblies <small>(03 31 13 00-0088)</small>		
Note: Includes forms, hand mix concrete, finish, curing and reinforcing. For up to 50 SF per pad and up to 5 pads per project. See CSI section 03 31 13 00-0002 for >50 SF concrete pads.		
03 31 13 00-0090 SF 4" Equipment Pad With Welded Wire Reinforcement	17.71	
For >5 To 20 Pads, Deduct	-2.21	
For >20 To 50 Pads, Deduct	-4.05	
For >50 Pads, Deduct	-5.89	
03 31 13 00-0091 SF 4" Equipment Pad With Rebar	21.93	
For >5 To 20 Pads, Deduct	-2.55	
For >20 To 50 Pads, Deduct	-4.68	
For >50 Pads, Deduct	-6.80	

03	Concrete
03 30	Cast-In-Place Concrete
03 31	Structural Concrete

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 31	13 00-0092	SF	6" Equipment Pad With Rebar	27.52	
			<i>For >5 To 20 Pads, Deduct</i>	-3.21	
			<i>For >20 To 50 Pads, Deduct</i>	-5.88	
			<i>For >50 Pads, Deduct</i>	-8.55	
03 31	13 00-0093	SF	8" Equipment Pad With Rebar	34.52	
			<i>For >5 To 20 Pads, Deduct</i>	-4.07	
			<i>For >20 To 50 Pads, Deduct</i>	-7.47	
			<i>For >50 Pads, Deduct</i>	-10.86	

03 31 16 Lightweight Structural Concrete (03 31)

03 31 16 00-0001	Low Density Cellular / Foam Concrete Fill <small>(03 31 16)</small>
03 31 16 00-0002	CY Lightweight Low Density Pervious Cellular/Foam Concrete, 100 To 120 PCF Density Range

03 35 Concrete Finishing (03 30)

03 35 13 High-Tolerance Concrete Floor Finishing (03 35)

03 35 13 00-0001	Floor Finishes <small>(03 35 13)</small>	
	Note: Task is for final finish type and includes all required prior finishes.	
03 35 13 00-0002	SF Screed, Concrete Floor Finish	0.97
	<i>For Up To 100, Add</i>	1.94
	<i>For >100 To 250, Add</i>	0.49
	<i>For >250 To 500, Add</i>	0.24
	<i>For >5,000 To 10,000, Deduct</i>	-0.05
	<i>For >10,000, Deduct</i>	-0.10
03 35 13 00-0003	SF Darby, Concrete Floor Finish	1.16
	<i>For Up To 100, Add</i>	2.32
	<i>For >100 To 250, Add</i>	0.58
	<i>For >250 To 500, Add</i>	0.29
	<i>For >5,000 To 10,000, Deduct</i>	-0.06
	<i>For >10,000, Deduct</i>	-0.12
03 35 13 00-0004	SF Broom, Concrete Floor Finish	1.28
	<i>For Up To 100, Add</i>	2.56
	<i>For >100 To 250, Add</i>	0.64
	<i>For >250 To 500, Add</i>	0.32
	<i>For >5,000 To 10,000, Deduct</i>	-0.06
	<i>For >10,000, Deduct</i>	-0.13
03 35 13 00-0005	SF Final Float, Concrete Floor Finish	1.50
	<i>For Up To 100, Add</i>	3.00
	<i>For >100 To 250, Add</i>	0.75
	<i>For >250 To 500, Add</i>	0.38
	<i>For >5,000 To 10,000, Deduct</i>	-0.08
	<i>For >10,000, Deduct</i>	-0.15
03 35 13 00-0006	SF Steel Trowel, Concrete Floor Finish	1.68
	<i>For Up To 100, Add</i>	3.36
	<i>For >100 To 250, Add</i>	0.84
	<i>For >250 To 500, Add</i>	0.42
	<i>For >5,000 To 10,000, Deduct</i>	-0.08
	<i>For >10,000, Deduct</i>	-0.17
03 35 13 00-0007	SF Concrete Floor Finishes, Machine	1.50
	<i>For Up To 100, Add</i>	3.00
	<i>For >100 To 250, Add</i>	0.75
	<i>For >250 To 500, Add</i>	0.38
	<i>For >5,000 To 10,000, Deduct</i>	-0.08
	<i>For >10,000, Deduct</i>	-0.15

03 35 16 Heavy-Duty Concrete Floor Finishing (03 35)

03 35 16 00-0001	Shake On Floor Hardeners <small>(03 35 16)</small>	
03 35 16 00-0002	SF 0.3 LB/SF, Metallic, Shake On Floor Hardener	1.17
03 35 16 00-0003	SF 0.65 LB/SF, Metallic, Shake On Floor Hardener	1.77
03 35 16 00-0004	SF 0.3 LB/SF, Non-Metallic, Shake On Floor Hardener	1.12
03 35 16 00-0005	SF 0.65 LB/SF, Non-Metallic, Shake On Floor Hardener	1.32

03 35 19 Colored Concrete Finishing (03 35)

03 35 19 00-0001	Concrete Surface Treatments <small>(03 35 19)</small>	
03 35 19 00-0002	SF Acrylic Latex Bonding Agent	0.51
03 35 19 00-0003	SF Epoxy Resin Bonding Agent	3.12
03 35 19 00-0004	SF Clear Acrylic Sealer, Hardener And Dustproof	0.37
03 35 19 00-0005	SF Colored Acrylic Sealer, Hardener And Dustproof	0.39

03 35 23 Exposed Aggregate Concrete Finishing (03 35)

03 35 23 00-0001	Exposed Aggregate, Concrete Finish <small>(03 35 23)</small>	
03 35 23 00-0002	SF Exposed Aggregate, Concrete Floor Finish	3.16

03 35 26 Grooved Concrete Surface Finishing (03 35)

Concrete	03	03
Cast-In-Place Concrete	03 30	
Concrete Finishing	03 35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 26 00-0001 Ramp, Grooved Concrete Surface Finishing <small>(03 35 26)</small>		
03 35 26 00-0002 SF Ramp, Grooved Concrete Surface Finishing	4.42	
03 35 29 Tooled Concrete Finishing <small>(03 35 29)</small>		
03 35 29 00-0001 Solid Board Concrete Finish <small>(03 35 29)</small>		
03 35 29 00-0002 SF Solid Board Concrete, Uniform Finish, 1 Use, Add To Formwork	15.00	
03 35 29 00-0003 SF Solid Board Concrete, Non-Uniform Finish, 1 Use, Add To Formwork	16.10	
03 35 29 00-0004 Marblecrete Finishes <small>(03 35 29)</small>		
03 35 29 00-0005 SF 2" Thick Marblecrete And Finish	35.08	
03 35 29 00-0006 SF 4" Thick Marblecrete And Finish	47.07	
03 35 33 Stamped Concrete Finishing <small>(03 35 33)</small>		
03 35 33 00-0001 Stamped Concrete Finishes <small>(03 35 33)</small>		
03 35 33 00-0002 SF Up To 2,500 SF Stamped Concrete Finish	3.89	
03 35 33 00-0003 SF >2,500 To 10,000 SF Stamped Concrete Finish	3.53	
03 35 33 00-0004 SF >10,000 SF Stamped Concrete Finish	3.38	
03 35 43 Polished Concrete Finishing <small>(03 35 43)</small>		
03 35 43 00-0001 Concrete Floor Polishing System <small>(03 35 43)</small>		
Note: The floor polishing system below may consist of one or multiple applications of each task/step below depending on existing conditions and desired results.		
03 35 43 00-0002 SF Mechanically Grind Concrete Floor With 40 Grit Metal Bonded Diamond Wheels	1.83	
For Up To 500, Add	3.47	
For >500 To 1,000, Add	3.22	
For >1,000 To 2,500, Add	2.13	
For >2,500 To 4,000, Add	1.11	
For >8,000 To 15,000, Deduct	-0.43	
For >15,000 To 25,000, Deduct	-0.55	
For >25,000, Deduct	-0.77	
03 35 43 00-0003 SF Mechanically Grind Concrete Floor With 80 Grit Metal Bonded Diamond Wheels	1.47	
For Up To 500, Add	2.77	
For >500 To 1,000, Add	2.57	
For >1,000 To 2,500, Add	1.70	
For >2,500 To 4,000, Add	0.89	
For >8,000 To 15,000, Deduct	-0.34	
For >15,000 To 25,000, Deduct	-0.44	
For >25,000, Deduct	-0.61	
03 35 43 00-0004 SF Mechanically Grind Concrete Floor With 100 Grit Resin Bonded Diamond Wheels	1.23	
For Up To 500, Add	2.31	
For >500 To 1,000, Add	2.14	
For >1,000 To 2,500, Add	1.42	
For >2,500 To 4,000, Add	0.74	
For >8,000 To 15,000, Deduct	-0.29	
For >15,000 To 25,000, Deduct	-0.36	
For >25,000, Deduct	-0.51	
03 35 43 00-0005 SF Mechanically Grind Concrete Floor With 150 Grit Metal Bonded Diamond Wheels	1.15	
For Up To 500, Add	2.15	
For >500 To 1,000, Add	2.00	
For >1,000 To 2,500, Add	1.32	
For >2,500 To 4,000, Add	0.69	
For >8,000 To 15,000, Deduct	-0.27	
For >15,000 To 25,000, Deduct	-0.34	
For >25,000, Deduct	-0.48	
03 35 43 00-0006 SF Mechanically Grind Concrete Floor With 200 Grit Resin Bonded Diamond Wheels	1.06	
For Up To 500, Add	1.98	
For >500 To 1,000, Add	1.84	
For >1,000 To 2,500, Add	1.21	
For >2,500 To 4,000, Add	0.63	
For >8,000 To 15,000, Deduct	-0.24	
For >15,000 To 25,000, Deduct	-0.31	
For >25,000, Deduct	-0.44	
03 35 43 00-0007 SF Mechanically Grind Concrete Floor With 400 Grit Resin Bonded Diamond Wheels	1.06	
For Up To 500, Add	1.98	
For >500 To 1,000, Add	1.84	
For >1,000 To 2,500, Add	1.21	
For >2,500 To 4,000, Add	0.63	
For >8,000 To 15,000, Deduct	-0.24	
For >15,000 To 25,000, Deduct	-0.31	
For >25,000, Deduct	-0.44	
03 35 43 00-0008 SF Mechanically Grind Concrete Floor With 800 Grit Resin Bonded Diamond Wheels	1.06	
For Up To 500, Add	1.98	
For >500 To 1,000, Add	1.84	
For >1,000 To 2,500, Add	1.21	
For >2,500 To 4,000, Add	0.63	
For >8,000 To 15,000, Deduct	-0.24	
For >15,000 To 25,000, Deduct	-0.31	
For >25,000, Deduct	-0.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 35 43 00-0009	SF		Mechanically Grind Concrete Floor With 1,500 Grit Resin Bonded Diamond Wheels	1.06	
			<i>For Up To 500, Add</i>	1.98	
			<i>For >500 To 1,000, Add</i>	1.84	
			<i>For >1,000 To 2,500, Add</i>	1.21	
			<i>For >2,500 To 4,000, Add</i>	0.63	
			<i>For >8,000 To 15,000, Deduct</i>	-0.24	
			<i>For >15,000 To 25,000, Deduct</i>	-0.31	
			<i>For >25,000, Deduct</i>	-0.44	
03 35 43 00-0010	SF		High Speed Burnish Concrete Floor With Diamond Pads.....	0.26	
			<i>For Up To 500, Add</i>	0.43	
			<i>For >500 To 1,000, Add</i>	0.40	
			<i>For >1,000 To 2,500, Add</i>	0.26	
			<i>For >2,500 To 4,000, Add</i>	0.14	
			<i>For >8,000 To 15,000, Deduct</i>	-0.05	
			<i>For >15,000 To 25,000, Deduct</i>	-0.07	
			<i>For >25,000, Deduct</i>	-0.09	
03 35 43 00-0011	SF		Apply 1 Coat Of Concrete Densifier For Concrete Floor Polishing	0.50	
			<i>For Up To 500, Add</i>	0.52	
			<i>For >500 To 1,000, Add</i>	0.49	
			<i>For >1,000 To 2,500, Add</i>	0.32	
			<i>For >2,500 To 4,000, Add</i>	0.17	
			<i>For >8,000 To 15,000, Deduct</i>	-0.06	
			<i>For >15,000 To 25,000, Deduct</i>	-0.08	
			<i>For >25,000, Deduct</i>	-0.12	
03 35 43 00-0012	SF		Apply 2 Coats Of Concrete Densifier With Stain Protector For Concrete Floor Polishing.....	0.87	
			<i>For Up To 500, Add</i>	0.80	
			<i>For >500 To 1,000, Add</i>	0.74	
			<i>For >1,000 To 2,500, Add</i>	0.49	
			<i>For >2,500 To 4,000, Add</i>	0.25	
			<i>For >8,000 To 15,000, Deduct</i>	-0.10	
			<i>For >15,000 To 25,000, Deduct</i>	-0.13	
			<i>For >25,000, Deduct</i>	-0.18	
03 35 43 00-0013	SF		Concrete Floor Polishing Final Clean Up.....	0.14	
			<i>For Up To 500, Add</i>	0.27	
			<i>For >500 To 1,000, Add</i>	0.25	
			<i>For >1,000 To 2,500, Add</i>	0.17	
			<i>For >2,500 To 4,000, Add</i>	0.09	
			<i>For >8,000 To 15,000, Deduct</i>	-0.03	
			<i>For >15,000 To 25,000, Deduct</i>	-0.04	
			<i>For >25,000, Deduct</i>	-0.06	

03 35 43 00-0014 Additional Concrete Floor Polishing Tasks (03 35 43)

Note: The following tasks are only to be used with concrete floor polishing systems.

03 35 43 00-0015	SF		Removal Of Carpet And Mastic For Concrete Floor Polishing	0.86	
03 35 43 00-0016	SF		Removal Of VCT And Mastic For Concrete Floor Polishing.....	1.09	
03 35 43 00-0017	SF		8 Mil, 100% Solids, Epoxy Grout Coat For Concrete Floor Polishing	1.19	
03 35 43 00-0018	LF		Picture Frame Epoxy Boarders For Concrete Floor Polishing	6.27	
			Note: Includes layout and up to 6" width water based or 100% solids epoxy boarder.		
03 35 43 00-0019	LF		Install Cementitious Overlays For Concrete Floor Polishing	24.54	
			Note: 3/8" overlay for damaged concrete or for decorative work.		
03 35 43 00-0020	LF		Up To 1/4" Wide, Joint Fill For Concrete Floor Polishing	3.64	
			Note: Includes urethane, polyurea or epoxy joint fill material.		
03 35 43 00-0021	LF		Up To 1/4" Wide, Joint Replacement For Concrete Floor Polishing.....	6.36	
			Note: Includes removing existing joint material and replacing with urethane, polyurea or epoxy joint fill material.		
03 35 43 00-0022	LF		Up To 1/4" Wide, Joint Reconstruction For Concrete Floor Polishing.....	39.08	
			Note: Includes milling out damaged joint up to 1/2" depth and up to 3" on both sides. Includes rebuilding damaged joint with high impact plastic mortar and cutting new joint.		
03 35 43 00-0023	LF		Up To 1/4" Wide, Crack Fill For Concrete Floor Polishing	5.27	
			Note: Includes urethane, polyurea or epoxy crack fill material.		
03 35 43 00-0024	LF		Up To 1/4" Wide, Crack Chase And Fill For Concrete Floor Polishing.....	8.91	
			Note: Includes chasing crack and filling crack with urethane, polyurea or epoxy crack fill material.		
03 35 43 00-0025	LF		Hand Detail Work/Grinding For Concrete Floor Polishing.....	34.51	
03 35 43 00-0026	SF		Dye For Concrete Floor Polishing.....	1.00	

03 35 63 Slip-Resistant Floor Finishing (03 35)

03 35 63 00-0001 Slip-Resistant Floor Finishing (03 35 63)

03 35 63 00-0002	SF		Aluminum Oxide Abrasive Floor Finish, 0.25 LB/SF	1.57	
			<i>For Up To 100, Add</i>	1.86	
			<i>For >100 To 250, Add</i>	0.47	
			<i>For >250 To 500, Add</i>	0.23	
			<i>For >5,000 To 10,000, Deduct</i>	-0.05	
			<i>For >10,000, Deduct</i>	-0.09	
03 35 63 00-0003	SF		Silicone Carbide Abrasive Floor Finish 0.25 LB/SF	1.27	
			<i>For Up To 100, Add</i>	1.86	
			<i>For >100 To 250, Add</i>	0.47	
			<i>For >250 To 500, Add</i>	0.23	
			<i>For >5,000 To 10,000, Deduct</i>	-0.05	
			<i>For >10,000, Deduct</i>	-0.09	

03 35 66 Acid Etch Floor Finishing (03 35)

03 35 66 00-0001 Acid Etch Floor (03 35 66)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 35 66 00-0002	SF Concrete Floor Finishes, Etch With Acid And Rinse.....	0.89	
	For Up To 100, Add	0.88	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.11	
	For >5,000 To 10,000, Deduct	-0.02	
	For >10,000, Deduct	-0.04	

03 35 83 Concrete Wall Finishing (03 35)

03 35 83 00-0001 Wall Finishes (03 35 83)

03 35 83 00-0002	SF Burlap Rub With Grout, New Concrete Wall Finishes.....	1.70	
	For Up To 100, Add	3.24	
	For >100 To 250, Add	0.81	
	For >250 To 500, Add	0.41	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000, Deduct	-0.16	
03 35 83 00-0003	SF 1/16" Float Finish, New Concrete Wall Finishes.....	2.55	
	For Up To 100, Add	4.86	
	For >100 To 250, Add	1.22	
	For >250 To 500, Add	0.61	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000, Deduct	-0.24	
03 35 83 00-0004	SF Etch With Acid And Rinse, New Concrete Wall Finishes.....	0.99	
	For Up To 100, Add	1.08	
	For >100 To 250, Add	0.27	
	For >250 To 500, Add	0.14	
	For >5,000 To 10,000, Deduct	-0.03	
	For >10,000, Deduct	-0.05	
03 35 83 00-0005	SF Bush Hammer Green Concrete, New Concrete Wall Finishes.....	5.18	
	For Up To 100, Add	10.28	
	For >100 To 250, Add	2.57	
	For >250 To 500, Add	1.29	
	For >5,000 To 10,000, Deduct	-0.26	
	For >10,000, Deduct	-0.51	
03 35 83 00-0006	SF Bush Hammer Cured Concrete, New Concrete Wall Finishes.....	8.02	
	For Up To 100, Add	15.88	
	For >100 To 250, Add	3.97	
	For >250 To 500, Add	1.99	
	For >5,000 To 10,000, Deduct	-0.40	
	For >10,000, Deduct	-0.79	
03 35 83 00-0007	SF Break Ties And Patch, New Concrete Wall Finishes.....	0.97	
	For Up To 100, Add	1.74	
	For >100 To 250, Add	0.44	
	For >250 To 500, Add	0.22	
	For >5,000 To 10,000, Deduct	-0.04	
	For >10,000, Deduct	-0.09	
03 35 83 00-0008	SF Carborundum Dry Rub, New Concrete Wall Finishes.....	3.33	
	For Up To 100, Add	6.46	
	For >100 To 250, Add	1.62	
	For >250 To 500, Add	0.81	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000, Deduct	-0.32	
03 35 83 00-0009	SF Carborundum Wet Rub, New Concrete Wall Finishes.....	5.09	
	For Up To 100, Add	9.98	
	For >100 To 250, Add	2.50	
	For >250 To 500, Add	1.25	
	For >5,000 To 10,000, Deduct	-0.25	
	For >10,000, Deduct	-0.50	
03 35 83 00-0010	SF Up To 1/4" Penetration Abrasive Media Blasting, New Concrete Wall Finishes.....	5.28	
	Note: 4.5 Lbs of sand or abrasive media material per SF		
	For Up To 100, Add	8.36	
	For >100 To 250, Add	2.09	
	For >250 To 500, Add	1.05	
	For >5,000 To 10,000, Deduct	-0.21	
	For >10,000, Deduct	-0.42	
03 35 83 00-0011	SF >1/4" To 1/2" Penetration Abrasive Media Blasting, New Concrete Wall Finishes.....	10.54	
	Note: 9 Lbs of sand abrasive media material per SF		
	For Up To 100, Add	16.70	
	For >100 To 250, Add	4.18	
	For >250 To 500, Add	2.09	
	For >5,000 To 10,000, Deduct	-0.42	
	For >10,000, Deduct	-0.84	

03 37 Specialty Placed Concrete (03 30)

Note: Includes gun finish. Not to be used for pumping concrete tasks. See CSI section 03 35 00 00-0000 for finishing.

03 37 13 Shotcrete (03 37)

03 37 13 00-0001 Shotcrete, Fiber Reinforced, Structural Repair (03 37 13)

03 37 13 00-0002	SF 1" Thick Shotcrete, Fiber Reinforced.....	3.39	
	For Up To 25, Add	0.63	
	For >25 To 50, Add	0.36	
	For >50 To 150, Add	0.15	

03 Concrete**03 30 Cast-In-Place Concrete****03 37 Specialty Placed Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 37	13 00-0003	SF	2" Thick Shotcrete, Fiber Reinforced	6.39	
			<i>For Up To 25, Add</i>	1.16	
			<i>For >25 To 50, Add</i>	0.67	
			<i>For >50 To 150, Add</i>	0.26	
03 37	13 00-0004	SF	3" Thick Shotcrete, Fiber Reinforced	9.06	
			<i>For Up To 25, Add</i>	1.61	
			<i>For >25 To 50, Add</i>	0.93	
			<i>For >50 To 150, Add</i>	0.35	
03 37	13 00-0005	SF	4" Thick Shotcrete, Fiber Reinforced	11.44	
			<i>For Up To 25, Add</i>	1.99	
			<i>For >25 To 50, Add</i>	1.14	
			<i>For >50 To 150, Add</i>	0.42	
03 37	13 00-0006	SF	6" Thick Shotcrete, Fiber Reinforced	15.55	
			<i>For Up To 25, Add</i>	2.59	
			<i>For >25 To 50, Add</i>	1.46	
			<i>For >50 To 150, Add</i>	0.52	
03 37	13 00-0007		Gunite (Dry Mix Shotcrete), Sprayed <small>(03 37 13)</small>		
			See CSI section 03 22 11 00-0001 for wire mesh reinforcing.		
03 37	13 00-0008	SF	1" Thick Gunite (Dry Mix Shotcrete), Sprayed	3.66	
			<i>For Radius Or Irregular Surface, Add</i>	1.07	
			<i>For Up To 25, Add</i>	0.77	
			<i>For >25 To 50, Add</i>	0.45	
			<i>For >50 To 150, Add</i>	0.20	
03 37	13 00-0009	SF	2" Thick Gunite (Dry Mix Shotcrete), Sprayed	6.77	
			<i>For Radius Or Irregular Surface, Add</i>	1.92	
			<i>For Up To 25, Add</i>	1.40	
			<i>For >25 To 50, Add</i>	0.82	
			<i>For >50 To 150, Add</i>	0.36	
03 37	13 00-0010	SF	3" Thick Gunite (Dry Mix Shotcrete), Sprayed	9.44	
			<i>For Radius Or Irregular Surface, Add</i>	2.60	
			<i>For Up To 25, Add</i>	1.92	
			<i>For >25 To 50, Add</i>	1.12	
			<i>For >50 To 150, Add</i>	0.49	
03 37	13 00-0011	SF	4" Thick Gunite (Dry Mix Shotcrete), Sprayed	11.73	
			<i>For Radius Or Irregular Surface, Add</i>	3.12	
			<i>For Up To 25, Add</i>	2.34	
			<i>For >25 To 50, Add</i>	1.37	
			<i>For >50 To 150, Add</i>	0.58	
03 37	13 00-0012	SF	5" Thick Gunite (Dry Mix Shotcrete), Sprayed	13.67	
			<i>For Radius Or Irregular Surface, Add</i>	3.50	
			<i>For Up To 25, Add</i>	2.68	
			<i>For >25 To 50, Add</i>	1.56	
			<i>For >50 To 150, Add</i>	0.66	
03 37	13 00-0013	SF	6" Thick Gunite (Dry Mix Shotcrete), Sprayed	15.37	
			<i>For Radius Or Irregular Surface, Add</i>	3.78	
			<i>For Up To 25, Add</i>	2.96	
			<i>For >25 To 50, Add</i>	1.71	
			<i>For >50 To 150, Add</i>	0.71	
03 37	13 00-0014	SF	8" Thick Gunite (Dry Mix Shotcrete), Sprayed	19.22	
			<i>For Radius Or Irregular Surface, Add</i>	4.54	
			<i>For Up To 25, Add</i>	3.62	
			<i>For >25 To 50, Add</i>	2.10	
			<i>For >50 To 150, Add</i>	0.85	
03 37	13 00-0015	SF	10" Thick Gunite (Dry Mix Shotcrete), Sprayed	22.61	
			<i>For Radius Or Irregular Surface, Add</i>	5.11	
			<i>For Up To 25, Add</i>	4.18	
			<i>For >25 To 50, Add</i>	2.41	
			<i>For >50 To 150, Add</i>	0.96	
03 37	13 00-0016	SF	12" Thick Gunite (Dry Mix Shotcrete), Sprayed	25.60	
			<i>For Radius Or Irregular Surface, Add</i>	5.52	
			<i>For Up To 25, Add</i>	4.63	
			<i>For >25 To 50, Add</i>	2.66	
			<i>For >50 To 150, Add</i>	1.03	

03 37 16 Pumped Concrete (03 37)**03 37 16 00-0001 Concrete Pumping With Boom Truck** (03 37 16)

Note: Includes truck rental, operator, and local travel delivery. For delivery/set-up of equipment add one hour, for clean-up of equipment add one hour. Use four hours as the minimum cost including set-up and clean-up. Excludes concrete, use "Concrete Pump" concrete tasks from appropriate section to place into pump hopper and place concrete. Sizes are measured at a 30 degree vertical reach. See CSI section 03 31 13 00-0010 for concrete placement.

03 37	16 00-0002	HR	55' To 60' Boom Truck For Concrete Placement (95 CY Per Hour Rating)	242.44	
03 37	16 00-0003	HR	70' To 80' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	263.40	
03 37	16 00-0004	HR	90' To 100' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	339.12	
03 37	16 00-0005	HR	105' To 115' Boom Truck For Concrete Placement (117 CY Per Hour Rating)	386.25	
03 37	16 00-0006	HR	120' To 130' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	434.89	
03 37	16 00-0007	HR	135' To 140' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	537.90	
03 37	16 00-0008	HR	148' To 155' Boom Truck For Concrete Placement (170 CY Per Hour Rating)	599.36	
03 37	16 00-0009	HR	170' To 175' Boom Truck For Concrete Placement (182 CY Per Hour Rating)	748.22	
03 37	16 00-0010	HR	35 CY/HR, 66 HP Trailer Mounted Concrete Pump	162.41	
			Note: Includes hoses		

Concrete	03	03
Cast-In-Place Concrete	03 30	
Concrete Curing	03 39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 39 Concrete Curing (03 30)

03 39 13 Water Concrete Curing (03 39)

03 39 13 00-0001 Water Concrete Curing (03 39 13)

03 39 13 00-0002	SF	Water Based Curing, Sealing, Hardening And Dustproofing Compound.....	0.34	
Note: Coverage rates: rough finish = 300 SF/GAL, broom finish = 300 to 400 SF/GAL, steel troweled = 500 to 600 SF/GAL, and vertical surface = 400 - 500 SF/GAL.				

03 39 23 Membrane Concrete Curing (03 39)

03 39 23 23 Sheet Membrane Concrete Curing (03 39 23)

03 39 23 23-0001 Warm Weather Concrete Curing Blankets (03 39 23 23)

03 39 23 23-0002	CSF	Warm Weather Concrete Curing Blankets.....	29.94	
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03 39 23 23-0003 Cold Weather Concrete Curing Blankets (03 39 23 23)

03 39 23 23-0004	CSF	Electric, Cold Weather Concrete Curing Blanket.....	300.01	
03 39 23 23-0005	CSF	Non-Electric, Cold Weather Concrete Curing Blanket.....	36.08	

03 40 Precast Concrete (03)

Note: Precast concrete material prices are based on a precast operation producing large quantities of precast products. Includes the concrete panel, delivery to construction site and overhead/mobilization charges for the precast plant.

03 41 Precast Structural Concrete (03 40)

03 41 16 Precast Concrete Slabs (03 41)

03 41 16 00-0001 Flat Floor Slab/Floor Plank (03 41 16)

03 41 16 00-0002 Erection Costs For Using A 90 Ton Crawler Crane (03 41 16 00-0001)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0003	EA	Erect Precast Floor Deck, 0-2 Ton/Piece 150' Maximum Radius With 90 Ton Crane.....	347.55	278.06
03 41 16 00-0004	EA	Erect Precast Floor Deck, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	386.36	309.03
03 41 16 00-0005	EA	Erect Precast Floor Deck, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane.....	410.26	328.18
03 41 16 00-0006	EA	Erect Precast Floor Deck, 4-5 Ton/Piece 88' Maximum Radius With 90 Ton Crane.....	434.92	347.95
03 41 16 00-0007	EA	Erect Precast Floor Deck, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane.....	465.44	372.33
03 41 16 00-0008	EA	Erect Precast Floor Deck, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	497.43	397.94
03 41 16 00-0009	EA	Erect Precast Floor Deck, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane.....	534.15	427.29
03 41 16 00-0010	EA	Erect Precast Floor Deck, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	580.94	464.73
03 41 16 00-0011	EA	Erect Precast Floor Deck, 9-10 Ton/Piece 60' Maximum Radius With 90 Ton Crane.....	631.66	505.39

03 41 16 00-0012 Material Cost (03 41 16 00-0001)

Note: Includes cost for 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations cost.

03 41 16 00-0013	SF	4" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	31.32	
		For 3,500 PSI Concrete, Add	0.63	
		For 4,000 PSI Concrete, Add	0.94	
		For 4,500 PSI Concrete, Add	1.25	
		For 5,000 PSI Concrete, Add	1.88	
03 41 16 00-0014	SF	5" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	37.59	
		For 3,500 PSI Concrete, Add	0.75	
		For 4,000 PSI Concrete, Add	1.13	
		For 4,500 PSI Concrete, Add	1.50	
		For 5,000 PSI Concrete, Add	2.26	
03 41 16 00-0015	SF	6" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	45.94	
		For 3,500 PSI Concrete, Add	0.92	
		For 4,000 PSI Concrete, Add	1.38	
		For 4,500 PSI Concrete, Add	1.84	
		For 5,000 PSI Concrete, Add	2.76	
03 41 16 00-0016	SF	8" Thick 3,000 PSI Concrete, Precast Floor Slab Or Plank, Ready To Erect.....	60.98	
		For 3,500 PSI Concrete, Add	1.22	
		For 4,000 PSI Concrete, Add	1.83	
		For 4,500 PSI Concrete, Add	2.44	
		For 5,000 PSI Concrete, Add	3.66	

03 41 16 00-0017 Floor Units, Combination Beam And Slab (03 41 16)

03 41 16 00-0018 Erection Costs For Using 90 Ton Crawler Crane (03 41 16 00-0017)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 16 00-0019	EA	Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 88' Maximum Radius With 90 Ton Crane.....	426.93	341.53
03 41 16 00-0020	EA	Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 60' Maximum Radius With 90 Ton Crane.....	465.33	372.31
03 41 16 00-0021	EA	Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 43' Maximum Radius With 90 Ton Crane.....	514.31	411.40
03 41 16 00-0022	EA	Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 36' Maximum Radius With 90 Ton Crane.....	571.09	456.84
03 41 16 00-0023	EA	Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 31' Maximum Radius With 90 Ton Crane.....	641.95	513.52

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 16 00-0024			Erection Costs Using A 125 Ton Crawler Crane <small>(03 41 16 00-0017)</small> Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 16 00-0025	EA		Erect Precast Comb Deck, 0-5 Ton/Piece Beam And Slab, 110' Maximum Radius, 125 Ton Crane.....	543.32	434.69
03 41 16 00-0026	EA		Erect Precast Comb Deck, 5-10 Ton/Piece Beam And Slab, 75' Maximum Radius, 125 Ton Crane.....	592.19	473.72
03 41 16 00-0027	EA		Erect Precast Comb Deck, 10-15 Ton/Piece Beam And Slab, 55' Maximum Radius, 125 Ton Crane.....	654.53	523.66
03 41 16 00-0028	EA		Erect Precast Comb Deck, 15-20 Ton/Piece Beam And Slab, 50' Maximum Radius, 125 Ton Crane.....	726.78	581.45
03 41 16 00-0029	EA		Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 40' Maximum Radius, 125 Ton Crane.....	816.97	653.64
03 41 16 00-0030	EA		Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 33' Maximum Radius, 125 Ton Crane.....	888.29	710.58
03 41 16 00-0031	EA		Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 30' Maximum Radius, 125 Ton Crane.....	981.79	785.44
03 41 16 00-0032	EA		Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 28' Maximum Radius, 125 Ton Crane.....	1,086.65	869.37
03 41 16 00-0033	EA		Erect Precast Comb Deck, 20-25 Ton/Piece Beam And Slab, 26' Maximum Radius, 125 Ton Crane.....	1,229.94	983.96
03 41 16 00-0034			Material Cost <small>(03 41 16 00-0017)</small> Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operation.		
03 41 16 00-0035			4" Slab <small>(03 41 16 00-0034)</small>		
03 41 16 00-0036	CY		Precast Combination Deck, 4" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,299.46	
			<i>For 3,500 PSI Concrete, Add</i>	65.99	
			<i>For 4,000 PSI Concrete, Add</i>	98.98	
			<i>For 4,500 PSI Concrete, Add</i>	131.98	
			<i>For 5,000 PSI Concrete, Add</i>	197.97	
03 41 16 00-0037	CY		Precast Combination Deck, 4" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,341.22	
			<i>For 3,500 PSI Concrete, Add</i>	66.82	
			<i>For 4,000 PSI Concrete, Add</i>	100.24	
			<i>For 4,500 PSI Concrete, Add</i>	133.65	
			<i>For 5,000 PSI Concrete, Add</i>	200.47	
03 41 16 00-0038	CY		Precast Combination Deck, 4" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	3,758.87	
			<i>For 3,500 PSI Concrete, Add</i>	75.18	
			<i>For 4,000 PSI Concrete, Add</i>	112.77	
			<i>For 4,500 PSI Concrete, Add</i>	150.35	
			<i>For 5,000 PSI Concrete, Add</i>	225.53	
03 41 16 00-0039			5" Slab <small>(03 41 16 00-0034)</small>		
03 41 16 00-0040	CY		Precast Combination Deck, 5" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,382.99	
			<i>For 3,500 PSI Concrete, Add</i>	67.66	
			<i>For 4,000 PSI Concrete, Add</i>	101.49	
			<i>For 4,500 PSI Concrete, Add</i>	135.32	
			<i>For 5,000 PSI Concrete, Add</i>	202.98	
03 41 16 00-0041	CY		Precast Combination Deck, 5" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	3,508.28	
			<i>For 3,500 PSI Concrete, Add</i>	70.17	
			<i>For 4,000 PSI Concrete, Add</i>	105.25	
			<i>For 4,500 PSI Concrete, Add</i>	140.33	
			<i>For 5,000 PSI Concrete, Add</i>	210.50	
03 41 16 00-0042	CY		Precast Combination Deck, 5" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	4,468.88	
			<i>For 3,500 PSI Concrete, Add</i>	89.38	
			<i>For 4,000 PSI Concrete, Add</i>	134.07	
			<i>For 4,500 PSI Concrete, Add</i>	178.76	
			<i>For 5,000 PSI Concrete, Add</i>	268.13	
03 41 16 00-0043			6" Slab <small>(03 41 16 00-0034)</small>		
03 41 16 00-0044	CY		Precast Combination Deck, 6" Slab With Beams Edge Beam Only, 3,000 PSI Concrete.....	3,508.28	
			<i>For 3,500 PSI Concrete, Add</i>	70.17	
			<i>For 4,000 PSI Concrete, Add</i>	105.25	
			<i>For 4,500 PSI Concrete, Add</i>	140.33	
			<i>For 5,000 PSI Concrete, Add</i>	210.50	
03 41 16 00-0045	CY		Precast Combination Deck, 6" Slab With Beams Edge Beam + 1 Interim Beam, 3,000 PSI Concrete.....	4,176.53	
			<i>For 3,500 PSI Concrete, Add</i>	83.53	
			<i>For 4,000 PSI Concrete, Add</i>	125.30	
			<i>For 4,500 PSI Concrete, Add</i>	167.06	
			<i>For 5,000 PSI Concrete, Add</i>	250.59	
03 41 16 00-0046	CY		Precast Combination Deck, 6" Slab With Beams Edge Beam + 2 Interim Beam, 3,000 PSI Concrete.....	5,095.36	
			<i>For 3,500 PSI Concrete, Add</i>	101.91	
			<i>For 4,000 PSI Concrete, Add</i>	152.86	
			<i>For 4,500 PSI Concrete, Add</i>	203.81	
			<i>For 5,000 PSI Concrete, Add</i>	305.72	
03 41 19			Precast Concrete Wall Panels <small>(03 41)</small>		
03 41 19 00-0001			Structural Wall Panels <small>(03 41 19)</small> Note: Gray, smooth form or board finish one side.		
03 41 19 00-0002			Erection Cost Using 50 Ton Hydraulic Crane <small>(03 41 19 00-0001)</small> Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0003	EA		Erect Precast Wall Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	342.73	274.20
03 41 19 00-0004	EA		Erect Precast Wall Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	381.00	304.74
03 41 19 00-0005	EA		Erect Precast Wall Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	428.88	343.12
03 41 19 00-0006	EA		Erect Precast Wall Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	458.98	367.16
03 41 19 00-0007	EA		Erect Precast Wall Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	490.53	392.42
03 41 19 00-0008	EA		Erect Precast Wall Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	526.74	421.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0009 EA Erect Precast Wall Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	572.88	458.28
03 41 19 00-0010 EA Erect Precast Wall Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	622.89	498.38
03 41 19 00-0011 Erection Cost Using 90 Ton Crawler Crane (03 41 19 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0012 EA Erect Precast Wall Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	384.05	307.21
03 41 19 00-0013 EA Erect Precast Wall Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	426.93	341.53
03 41 19 00-0014 EA Erect Precast Wall Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	480.58	384.52
03 41 19 00-0015 EA Erect Precast Wall Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	514.31	411.40
03 41 19 00-0016 EA Erect Precast Wall Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	549.67	439.74
03 41 19 00-0017 EA Erect Precast Wall Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	590.25	472.23
03 41 19 00-0018 EA Erect Precast Wall Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane.....	641.95	513.52
03 41 19 00-0019 EA Erect Precast Wall Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	697.99	558.34
03 41 19 00-0020 EA Erect Precast Wall Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	771.47	617.22
03 41 19 00-0021 EA Erect Precast Wall Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	853.85	683.05
03 41 19 00-0022 EA Erect Precast Wall Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	966.45	773.21
03 41 19 00-0023 EA Erect Precast Wall Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,099.35	879.47
03 41 19 00-0024 EA Erect Precast Wall Panel 35-40 Ton/Piece 23' Maximum Radius With 90 Ton Crane.....	1,274.60	1,019.71
03 41 19 00-0025 Material Cost (03 41 19 00-0001)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.		
03 41 19 00-0026 SF 4" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	41.76	
For 3,500 PSI Concrete, Add	0.84	
For 4,000 PSI Concrete, Add	1.25	
For 4,500 PSI Concrete, Add	1.67	
For 5,000 PSI Concrete, Add	2.51	
For White Facing, Add	8.35	
For Solid White Through Thickness, Add	8.35	
For Broken Rib Finish, Add	4.18	
For Fluted Surface, Add	4.18	
For Exposed Aggregate, Add	8.35	
For Sandblasting Of Surface, Add	4.18	
For 2" Polystyrene Insulation, Add	2.15	
03 41 19 00-0027 SF 5" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	51.37	
For 3,500 PSI Concrete, Add	1.03	
For 4,000 PSI Concrete, Add	1.54	
For 4,500 PSI Concrete, Add	2.05	
For 5,000 PSI Concrete, Add	3.08	
For White Facing, Add	10.27	
For Solid White Through Thickness, Add	10.27	
For Broken Rib Finish, Add	5.14	
For Fluted Surface, Add	5.14	
For Exposed Aggregate, Add	10.27	
For Sandblasting Of Surface, Add	5.14	
For 2" Polystyrene Insulation, Add	2.15	
03 41 19 00-0028 SF 6" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	61.81	
For 3,500 PSI Concrete, Add	1.24	
For 4,000 PSI Concrete, Add	1.85	
For 4,500 PSI Concrete, Add	2.47	
For 5,000 PSI Concrete, Add	3.71	
For White Facing, Add	12.36	
For Solid White Through Thickness, Add	12.36	
For Broken Rib Finish, Add	6.18	
For Fluted Surface, Add	6.18	
For Exposed Aggregate, Add	12.36	
For Sandblasting Of Surface, Add	6.18	
For 2" Polystyrene Insulation, Add	2.15	
03 41 19 00-0029 SF 8" Thick 3,000 PSI Concrete, Precast Wall Panel, Ready To Erect.....	81.44	
For 3,500 PSI Concrete, Add	1.63	
For 4,000 PSI Concrete, Add	2.44	
For 4,500 PSI Concrete, Add	3.26	
For 5,000 PSI Concrete, Add	4.89	
For White Facing, Add	16.29	
For Solid White Through Thickness, Add	16.29	
For Broken Rib Finish, Add	8.14	
For Fluted Surface, Add	8.14	
For Exposed Aggregate, Add	16.29	
For Sandblasting Of Surface, Add	8.14	
For 2" Polystyrene Insulation, Add	2.15	
03 41 19 00-0030 Partition Panels (03 41 19)		
03 41 19 00-0031 Erection Costs Using 20 Ton Hydraulic Crane (03 41 19 00-0030)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0032 EA Erect Precast Partition Wall 0-1 Ton/Piece 69' Maximum Radius With 20 Ton Crane.....	273.20	218.53
03 41 19 00-0033 EA Erect Precast Partition Wall 1-2 Ton/Piece 50' Maximum Radius With 20 Ton Crane.....	303.71	242.99
03 41 19 00-0034 EA Erect Precast Partition Wall 2-3 Ton/Piece 41' Maximum Radius With 20 Ton Crane.....	341.88	273.50
03 41 19 00-0035 EA Erect Precast Partition Wall 3-4 Ton/Piece 33' Maximum Radius With 20 Ton Crane.....	391.03	312.83
03 41 19 00-0036 EA Erect Precast Partition Wall 4-5 Ton/Piece 30' Maximum Radius With 20 Ton Crane.....	419.90	335.95
03 41 19 00-0037 EA Erect Precast Partition Wall 5-6 Ton/Piece 26' Maximum Radius With 20 Ton Crane.....	456.68	365.34

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0038	EA		Erect Precast Partition Wall 6-7 Ton/Piece 23' Maximum Radius With 20 Ton Crane.....	496.54	397.28
03 41 19 00-0039	EA		Erect Precast Partition Wall 7-8 Ton/Piece 20' Maximum Radius With 20 Ton Crane.....	548.81	439.07
03 41 19 00-0040			Erection Costs Using 50 Ton Hydraulic Crane <small>(03 41 19 00-0030)</small>		
			Note: Includes handling, hoisting in place, alignment, bracing and permanent connections. Excludes grouting or caulking of joints.		
03 41 19 00-0041	EA		Erect Precast Partition Wall 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	342.73	274.20
03 41 19 00-0042	EA		Erect Precast Partition Wall 1-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane.....	381.00	304.74
03 41 19 00-0043	EA		Erect Precast Partition Wall 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	428.88	343.12
03 41 19 00-0044	EA		Erect Precast Partition Wall 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane.....	490.53	392.42
03 41 19 00-0045	EA		Erect Precast Partition Wall 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	526.74	421.36
03 41 19 00-0046	EA		Erect Precast Partition Wall 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane.....	572.88	458.28
03 41 19 00-0047	EA		Erect Precast Partition Wall 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	622.89	498.38
03 41 19 00-0048	EA		Erect Precast Partition Wall 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane.....	688.46	550.74
03 41 19 00-0049	EA		Erect Precast Partition Wall 8-10 Ton/Piece 31' Maximum Radius With 50 Ton Crane.....	761.99	609.61
03 41 19 00-0050	EA		Erect Precast Partition Wall 10-12 Ton/Piece 26' Maximum Radius With 50 Ton Crane.....	862.47	689.93
03 41 19 00-0051	EA		Erect Precast Partition Wall 12-14 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	981.06	784.85
03 41 19 00-0052	EA		Erect Precast Partition Wall 14-16 Ton/Piece 21' Maximum Radius With 50 Ton Crane.....	1,137.46	909.93
03 41 19 00-0053			Material Cost <small>(03 41 19 00-0030)</small>		
			Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast plant operations.		
03 41 19 00-0054	SF		4" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	39.68	
			For 4,000 PSI Concrete, Add	1.19	
			For 4,500 PSI Concrete, Add	1.59	
			For 5,000 PSI Concrete, Add	2.38	
			For White Facing, Add	7.94	
			For Solid White Through Thickness, Add	7.94	
			For Broken Rib Finish, Add	3.97	
			For Fluted Surface, Add	3.97	
			For Exposed Aggregate, Add	7.94	
			For Sandblasting Of Surface, Add	3.97	
03 41 19 00-0055	SF		5" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	48.86	
			For 4,000 PSI Concrete, Add	1.47	
			For 4,500 PSI Concrete, Add	1.95	
			For 5,000 PSI Concrete, Add	2.93	
			For White Facing, Add	9.77	
			For Solid White Through Thickness, Add	9.77	
			For Broken Rib Finish, Add	4.89	
			For Fluted Surface, Add	4.89	
			For Exposed Aggregate, Add	9.77	
			For Sandblasting Of Surface, Add	4.89	
03 41 19 00-0056	SF		6" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	58.47	
			For 4,000 PSI Concrete, Add	1.75	
			For 4,500 PSI Concrete, Add	2.34	
			For 5,000 PSI Concrete, Add	3.51	
			For White Facing, Add	11.69	
			For Solid White Through Thickness, Add	11.69	
			For Broken Rib Finish, Add	5.85	
			For Fluted Surface, Add	5.85	
			For Exposed Aggregate, Add	11.69	
			For Sandblasting Of Surface, Add	5.85	
03 41 19 00-0057	SF		8" Thick 3,000 PSI Concrete, Precast Partition Wall, Ready To Erect.....	77.27	
			For 4,000 PSI Concrete, Add	2.32	
			For 4,500 PSI Concrete, Add	3.09	
			For 5,000 PSI Concrete, Add	4.64	
			For White Facing, Add	15.45	
			For Solid White Through Thickness, Add	15.45	
			For Broken Rib Finish, Add	7.73	
			For Fluted Surface, Add	7.73	
			For Exposed Aggregate, Add	15.45	
			For Sandblasting Of Surface, Add	7.73	
03 41 19 00-0058			Cladding Panels <small>(03 41 19)</small>		
03 41 19 00-0059			Erection Costs Using 50 Ton Hydraulic Crane <small>(03 41 19 00-0058)</small>		
			Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0060	EA		Erect Precast Cladding 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane.....	361.69	289.29
03 41 19 00-0061	EA		Erect Precast Cladding 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane.....	404.56	323.63
03 41 19 00-0062	EA		Erect Precast Cladding 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane.....	458.98	367.16
03 41 19 00-0063	EA		Erect Precast Cladding 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane.....	490.53	392.42
03 41 19 00-0064	EA		Erect Precast Cladding 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane.....	526.74	421.36
03 41 19 00-0065	EA		Erect Precast Cladding 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane.....	572.88	458.28
03 41 19 00-0066	EA		Erect Precast Cladding 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane.....	622.89	498.38
03 41 19 00-0067	EA		Erect Precast Cladding 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane.....	688.46	550.74
03 41 19 00-0068			Erection Costs Using 90 Ton Crawler Crane <small>(03 41 19 00-0058)</small>		
			Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0069	EA		Erect Precast Cladding 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane.....	405.28	324.18
03 41 19 00-0070	EA		Erect Precast Cladding 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane.....	453.34	362.66

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 19 00-0071 EA Erect Precast Cladding 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane.....	514.31	411.40
03 41 19 00-0072 EA Erect Precast Cladding 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane.....	549.67	439.74
03 41 19 00-0073 EA Erect Precast Cladding 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane.....	590.25	472.23
03 41 19 00-0074 EA Erect Precast Cladding 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane.....	641.95	513.52
03 41 19 00-0075 EA Erect Precast Cladding 11-13 Ton/Piece 90' Maximum Radius With 90 Ton Crane.....	697.99	558.34
03 41 19 00-0076 EA Erect Precast Cladding 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane.....	771.47	617.22
03 41 19 00-0077 EA Erect Precast Cladding 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane.....	853.85	683.05
03 41 19 00-0078 EA Erect Precast Cladding 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane.....	966.45	773.21
03 41 19 00-0079 EA Erect Precast Cladding 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane.....	1,099.35	879.47
03 41 19 00-0080 EA Erect Precast Cladding 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane.....	1,274.60	1,019.71
03 41 19 00-0081 Material Cost <small>(03 41 19 00-0058)</small>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 19 00-0082 SF 4" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	39.68	
For 3,500 PSI Concrete, Add	0.79	
For 4,000 PSI Concrete, Add	1.19	
For 4,500 PSI Concrete, Add	1.59	
For 5,000 PSI Concrete, Add	2.38	
For White Facing, Add	7.94	
For Solid White Through Thickness, Add	7.94	
For Broken Rib Finish, Add	3.97	
For Fluted Surface, Add	3.97	
For Exposed Aggregate, Add	7.94	
For Sandblasting Of Surface, Add	3.97	
03 41 19 00-0083 SF 5" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	48.86	
For 3,500 PSI Concrete, Add	0.98	
For 4,000 PSI Concrete, Add	1.47	
For 4,500 PSI Concrete, Add	1.95	
For 5,000 PSI Concrete, Add	2.93	
For White Facing, Add	9.77	
For Solid White Through Thickness, Add	9.77	
For Broken Rib Finish, Add	4.89	
For Fluted Surface, Add	4.89	
For Exposed Aggregate, Add	9.77	
For Sandblasting Of Surface, Add	4.89	
03 41 19 00-0084 SF 6" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	58.47	
For 3,500 PSI Concrete, Add	1.17	
For 4,000 PSI Concrete, Add	1.75	
For 4,500 PSI Concrete, Add	2.34	
For 5,000 PSI Concrete, Add	3.51	
For White Facing, Add	11.69	
For Solid White Through Thickness, Add	11.69	
For Broken Rib Finish, Add	5.85	
For Fluted Surface, Add	5.85	
For Exposed Aggregate, Add	11.69	
For Sandblasting Of Surface, Add	5.85	
03 41 19 00-0085 SF 8" Thick 3,000 PSI Concrete, Precast Cladding Panel, Ready To Erect.....	77.27	
For 3,500 PSI Concrete, Add	1.55	
For 4,000 PSI Concrete, Add	2.32	
For 4,500 PSI Concrete, Add	3.09	
For 5,000 PSI Concrete, Add	4.64	
For White Facing, Add	15.45	
For Solid White Through Thickness, Add	15.45	
For Broken Rib Finish, Add	7.73	
For Fluted Surface, Add	7.73	
For Exposed Aggregate, Add	15.45	
For Sandblasting Of Surface, Add	7.73	
03 41 19 00-0086 Sandwich Panel <small>(03 41 19)</small>		
03 41 19 00-0087 Erection Costs Using 50 Ton Hydraulic Crane <small>(03 41 19 00-0086)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0088 EA Erect Precast Sandwich Panel 0-1 Ton/Piece 100' Maximum Radius With 50 Ton Crane	361.69	289.29
03 41 19 00-0089 EA Erect Precast Sandwich Panel 1-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	404.56	323.63
03 41 19 00-0090 EA Erect Precast Sandwich Panel 3-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	458.98	367.16
03 41 19 00-0091 EA Erect Precast Sandwich Panel 5-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	490.53	392.42
03 41 19 00-0092 EA Erect Precast Sandwich Panel 7-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	526.74	421.36
03 41 19 00-0093 EA Erect Precast Sandwich Panel 9-11 Ton/Piece 30' Maximum Radius With 50 Ton Crane	572.88	458.28
03 41 19 00-0100 EA Erect Precast Sandwich Panel 11-13 Ton/Piece 25' Maximum Radius With 50 Ton Crane	622.89	498.38
03 41 19 00-0095 EA Erect Precast Sandwich Panel 13-15 Ton/Piece 23' Maximum Radius With 50 Ton Crane	688.46	550.74
03 41 19 00-0096 Erection Costs Using 90 Ton Crawler Crane <small>(03 41 19 00-0086)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 19 00-0097 EA Erect Precast Sandwich Panel 0-1 Ton/Piece 180' Maximum Radius With 90 Ton Crane	366.77	293.36
03 41 19 00-0098 EA Erect Precast Sandwich Panel 1-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	410.26	328.18
03 41 19 00-0099 EA Erect Precast Sandwich Panel 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	465.44	372.33
03 41 19 00-0100 EA Erect Precast Sandwich Panel 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	497.43	397.94
03 41 19 00-0101 EA Erect Precast Sandwich Panel 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	534.15	427.29
03 41 19 00-0102 EA Erect Precast Sandwich Panel 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	580.94	464.73
03 41 19 00-0103 EA Erect Precast Sandwich Panel 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	631.66	505.39

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 41 19 00-0104	EA		Erect Precast Sandwich Panel 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	698.15	558.49
03 41 19 00-0105	EA		Erect Precast Sandwich Panel 15-20 Ton/Piece 36' Maximum Radius With 90 Ton Crane	772.71	618.19
03 41 19 00-0106	EA		Erect Precast Sandwich Panel 20-25 Ton/Piece 31' Maximum Radius With 90 Ton Crane	874.60	699.64
03 41 19 00-0107	EA		Erect Precast Sandwich Panel 25-30 Ton/Piece 26' Maximum Radius With 90 Ton Crane	994.86	795.89
03 41 19 00-0108	EA		Erect Precast Sandwich Panel 30-35 Ton/Piece 25' Maximum Radius With 90 Ton Crane	1,153.47	922.73

03 41 19 00-0109**Material Cost** (03 41 19 00-0086)

Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations. Sandwich panel consists of 2.5" cladding panel, 2" fiber board insulation and the structural panel as defined.

03 41 19 00-0110	SF		4" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	54.29	
			<i>For 3,500 PSI Concrete, Add</i>	1.09	
			<i>For 4,000 PSI Concrete, Add</i>	1.63	
			<i>For 4,500 PSI Concrete, Add</i>	2.17	
			<i>For 5,000 PSI Concrete, Add</i>	3.26	
			<i>For White Facing, Add</i>	10.86	
			<i>For Solid White Through Thickness, Add</i>	10.86	
			<i>For Broken Rib Finish, Add</i>	5.43	
			<i>For Fluted Surface, Add</i>	5.43	
			<i>For Exposed Aggregate, Add</i>	10.86	
			<i>For Sandblasting Of Surface, Add</i>	5.43	
03 41 19 00-0111	SF		5" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	63.90	
			<i>For 3,500 PSI Concrete, Add</i>	1.28	
			<i>For 4,000 PSI Concrete, Add</i>	1.92	
			<i>For 4,500 PSI Concrete, Add</i>	2.56	
			<i>For 5,000 PSI Concrete, Add</i>	3.83	
			<i>For White Facing, Add</i>	12.78	
			<i>For Solid White Through Thickness, Add</i>	12.78	
			<i>For Broken Rib Finish, Add</i>	6.39	
			<i>For Fluted Surface, Add</i>	6.39	
			<i>For Exposed Aggregate, Add</i>	12.78	
			<i>For Sandblasting Of Surface, Add</i>	6.39	
03 41 19 00-0112	SF		6" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	74.34	
			<i>For 3,500 PSI Concrete, Add</i>	1.49	
			<i>For 4,000 PSI Concrete, Add</i>	2.23	
			<i>For 4,500 PSI Concrete, Add</i>	2.97	
			<i>For 5,000 PSI Concrete, Add</i>	4.46	
			<i>For White Facing, Add</i>	14.87	
			<i>For Solid White Through Thickness, Add</i>	14.87	
			<i>For Broken Rib Finish, Add</i>	7.43	
			<i>For Fluted Surface, Add</i>	7.43	
			<i>For Exposed Aggregate, Add</i>	14.87	
			<i>For Sandblasting Of Surface, Add</i>	7.43	
03 41 19 00-0113	SF		8" Thick 3,000 PSI Concrete, Precast Sandwich Panel, Ready To Erect	93.97	
			<i>For 3,500 PSI Concrete, Add</i>	1.88	
			<i>For 4,000 PSI Concrete, Add</i>	2.82	
			<i>For 4,500 PSI Concrete, Add</i>	3.76	
			<i>For 5,000 PSI Concrete, Add</i>	5.64	
			<i>For White Facing, Add</i>	18.79	
			<i>For Solid White Through Thickness, Add</i>	18.79	
			<i>For Broken Rib Finish, Add</i>	9.40	
			<i>For Fluted Surface, Add</i>	9.40	
			<i>For Exposed Aggregate, Add</i>	18.79	
			<i>For Sandblasting Of Surface, Add</i>	9.40	

03 41 23 Precast Concrete Stairs (03 41)**03 41 23 00-0001****Erection Costs Using A 50 Ton Hydraulic Crane** (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0002	EA		Erect Precast Stairs, 0-2 Ton/Piece 82' Maximum Radius With 50 Ton Crane	381.00	304.74
03 41 23 00-0003	EA		Erect Precast Stairs, 2-3 Ton/Piece 65' Maximum Radius With 50 Ton Crane	404.56	323.63
03 41 23 00-0004	EA		Erect Precast Stairs, 3-4 Ton/Piece 57' Maximum Radius With 50 Ton Crane	428.88	343.12
03 41 23 00-0005	EA		Erect Precast Stairs, 4-5 Ton/Piece 50' Maximum Radius With 50 Ton Crane	458.98	367.16
03 41 23 00-0006	EA		Erect Precast Stairs, 5-6 Ton/Piece 44' Maximum Radius With 50 Ton Crane	490.53	392.42
03 41 23 00-0007	EA		Erect Precast Stairs, 6-7 Ton/Piece 40' Maximum Radius With 50 Ton Crane	526.74	421.36
03 41 23 00-0008	EA		Erect Precast Stairs, 7-8 Ton/Piece 36' Maximum Radius With 50 Ton Crane	572.88	458.28
03 41 23 00-0009	EA		Erect Precast Stairs, 8-9 Ton/Piece 33' Maximum Radius With 50 Ton Crane	622.89	498.38

03 41 23 00-0010**Erection Costs Using A 90 Ton Crawler Crane** (03 41 23)

Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.

03 41 23 00-0011	EA		Erect Precast Stairs, 0-2 Ton/Piece 151' Maximum Radius With 90 Ton Crane	381.00	304.74
03 41 23 00-0012	EA		Erect Precast Stairs, 2-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	404.56	323.63
03 41 23 00-0013	EA		Erect Precast Stairs, 3-4 Ton/Piece 105' Maximum Radius With 90 Ton Crane	428.88	343.12
03 41 23 00-0014	EA		Erect Precast Stairs, 4-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	458.98	367.16
03 41 23 00-0015	EA		Erect Precast Stairs, 5-6 Ton/Piece 82' Maximum Radius With 90 Ton Crane	490.53	392.42
03 41 23 00-0016	EA		Erect Precast Stairs, 6-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	526.74	421.36
03 41 23 00-0017	EA		Erect Precast Stairs, 7-8 Ton/Piece 70' Maximum Radius With 90 Ton Crane	572.88	458.28
03 41 23 00-0018	EA		Erect Precast Stairs, 8-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	622.89	498.38

Concrete	03	03
Precast Concrete	03 40	
Precast Structural Concrete	03 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 23 00-0019 Material Cost <small>(03 41 23)</small>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork and precast operations.		
03 41 23 00-0020 EA 3' Wide With 10-1/2" Depth Treads Precast Concrete Stair Unit, Per Riser.....	837.02	
For 3,500 PSI Concrete, Add	109.23	
For 4,000 PSI Concrete, Add	205.24	
For 4,500 PSI Concrete, Add	301.66	
For 5,000 PSI Concrete, Add	410.39	
03 41 26 Precast Concrete Structural Sections <small>(03 41)</small>		
03 41 26 00-0001 Precast Beams, Girder And Joists <small>(03 41 26)</small>		
03 41 26 00-0002 Erection Costs Using A 90 Ton Crawler Crane <small>(03 41 26 00-0001)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0003 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 89' Maximum Radius, 90 Ton Crane	480.58	384.52
03 41 26 00-0004 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 60' Maximum Radius, 90 Ton Crane	514.31	411.40
03 41 26 00-0005 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 43' Maximum Radius, 90 Ton Crane	549.67	439.74
03 41 26 00-0006 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 36' Maximum Radius, 90 Ton Crane	590.25	472.23
03 41 26 00-0007 Erection Costs Using A 125 Ton Crawler Crane <small>(03 41 26 00-0001)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0008 EA Erect Precast Structural Sections, 0-5 Ton/Piece Beam, Girder, Joist; 110' Maximum Radius, 125 Ton Crane	611.61	489.25
03 41 26 00-0009 EA Erect Precast Structural Sections, 5-10 Ton/Piece Beam, Girder, Joist; 75' Maximum Radius, 125 Ton Crane	654.53	523.66
03 41 26 00-0010 EA Erect Precast Structural Sections, 10-15 Ton/Piece Beam, Girder, Joist; 55' Maximum Radius, 125 Ton Crane	699.53	559.63
03 41 26 00-0011 EA Erect Precast Structural Sections, 15-20 Ton/Piece Beam, Girder, Joist; 50' Maximum Radius, 125 Ton Crane	751.17	600.89
03 41 26 00-0012 EA Erect Precast Structural Sections, 20-25 Ton/Piece Beam, Girder, Joist; 40' Maximum Radius, 125 Ton Crane	816.97	653.64
03 41 26 00-0013 EA Erect Precast Structural Sections, 25-30 Ton/Piece Beam, Girder, Joist; 33' Maximum Radius, 125 Ton Crane	888.29	710.58
03 41 26 00-0014 EA Erect Precast Structural Sections, 30-35 Ton/Piece Beam, Girder, Joist; 30' Maximum Radius, 125 Ton Crane	981.79	785.44
03 41 26 00-0015 EA Erect Precast Structural Sections, 35-40 Ton/Piece Beam, Girder, Joist; 28' Maximum Radius, 125 Ton Crane	1,086.65	869.37
03 41 26 00-0016 Material Cost <small>(03 41 26 00-0001)</small>		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast plant operations.		
03 41 26 00-0017 1,000 LB/LF Live Load <small>(03 41 26 00-0016)</small>		
03 41 26 00-0018 LF Precast Structural Sections, 1,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	167.38	
For 3,500 PSI Concrete, Add	4.57	
For 4,000 PSI Concrete, Add	6.86	
For 4,500 PSI Concrete, Add	9.14	
For 5,000 PSI Concrete, Add	13.73	
03 41 26 00-0019 LF Precast Structural Sections, 1,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	209.22	
For 3,500 PSI Concrete, Add	5.71	
For 4,000 PSI Concrete, Add	8.58	
For 4,500 PSI Concrete, Add	11.42	
For 5,000 PSI Concrete, Add	17.16	
03 41 26 00-0020 LF Precast Structural Sections, 1,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	251.07	
For 3,500 PSI Concrete, Add	6.85	
For 4,000 PSI Concrete, Add	10.29	
For 4,500 PSI Concrete, Add	13.71	
For 5,000 PSI Concrete, Add	20.59	
03 41 26 00-0021 3,000 LB/LF Live Load <small>(03 41 26 00-0016)</small>		
03 41 26 00-0022 LF Precast Structural Sections, 3,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	209.22	
For 3,500 PSI Concrete, Add	5.71	
For 4,000 PSI Concrete, Add	8.58	
For 4,500 PSI Concrete, Add	11.42	
For 5,000 PSI Concrete, Add	17.16	
03 41 26 00-0023 LF Precast Structural Sections, 3,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	251.07	
For 3,500 PSI Concrete, Add	6.85	
For 4,000 PSI Concrete, Add	10.29	
For 4,500 PSI Concrete, Add	13.71	
For 5,000 PSI Concrete, Add	20.59	
03 41 26 00-0024 LF Precast Structural Sections, 3,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	334.76	
For 3,500 PSI Concrete, Add	9.14	
For 4,000 PSI Concrete, Add	13.73	
For 4,500 PSI Concrete, Add	18.28	
For 5,000 PSI Concrete, Add	27.45	
03 41 26 00-0025 5,000 LB/LF Live Load <small>(03 41 26 00-0016)</small>		
03 41 26 00-0026 LF Precast Structural Sections, 5,000 LB/LF, 15' Span Live Load, Span, 3,000 PSI.....	292.91	
For 3,500 PSI Concrete, Add	8.00	
For 4,000 PSI Concrete, Add	12.01	
For 4,500 PSI Concrete, Add	15.99	
For 5,000 PSI Concrete, Add	24.02	
03 41 26 00-0027 LF Precast Structural Sections, 5,000 LB/LF, 20' Span Live Load, Span, 3,000 PSI.....	334.76	
For 3,500 PSI Concrete, Add	9.14	
For 4,000 PSI Concrete, Add	13.73	
For 4,500 PSI Concrete, Add	18.28	
For 5,000 PSI Concrete, Add	27.45	

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 26 00-0028 LF Precast Structural Sections, 5,000 LB/LF, 30' Span Live Load, Span, 3,000 PSI.....	418.45	
For 3,500 PSI Concrete, Add	11.42	
For 4,000 PSI Concrete, Add	17.16	
For 4,500 PSI Concrete, Add	22.85	
For 5,000 PSI Concrete, Add	34.31	
03 41 26 00-0029 Precast Concrete Columns (03 41 26)		
03 41 26 00-0030 Erection Costs Using A 90 Ton Crawler Crane (03 41 26 00-0029)		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting or caulking joints.		
03 41 26 00-0031 EA Erect Precast Concrete Columns, 0-3 Ton/Piece 121' Maximum Radius With 90 Ton Crane	278.28	222.60
03 41 26 00-0032 EA Erect Precast Concrete Columns, 3-5 Ton/Piece 89' Maximum Radius With 90 Ton Crane	295.88	236.65
03 41 26 00-0033 EA Erect Precast Concrete Columns, 5-7 Ton/Piece 75' Maximum Radius With 90 Ton Crane	317.08	253.69
03 41 26 00-0034 EA Erect Precast Concrete Columns, 7-9 Ton/Piece 65' Maximum Radius With 90 Ton Crane	340.13	272.10
03 41 26 00-0035 EA Erect Precast Concrete Columns, 9-11 Ton/Piece 55' Maximum Radius With 90 Ton Crane	366.77	293.36
03 41 26 00-0036 EA Erect Precast Concrete Columns, 11-13 Ton/Piece 50' Maximum Radius With 90 Ton Crane	397.94	318.35
03 41 26 00-0037 EA Erect Precast Concrete Columns, 13-15 Ton/Piece 43' Maximum Radius With 90 Ton Crane	434.92	347.95
03 41 26 00-0038 Material Cost (03 41 26 00-0029)		
Note: Includes cost of 3000 PSI concrete, reinforcing steel, imbedded items, formwork, and precast operations.		
03 41 26 00-0039 12" x 12" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0040 CY 12" x 12" Precast Column, Tied, Average Reinforced 351 LB/CY	866.32	
For 3,500 PSI Concrete, Add	64.97	
For 4,000 PSI Concrete, Add	122.15	
For 4,500 PSI Concrete, Add	180.19	
For 5,000 PSI Concrete, Add	245.17	
03 41 26 00-0041 16" x 16" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0042 CY 16" x 16" Precast Column, Tied, Average Reinforced 368 LB/CY	887.72	
For 3,500 PSI Concrete, Add	66.58	
For 4,000 PSI Concrete, Add	125.17	
For 4,500 PSI Concrete, Add	184.65	
For 5,000 PSI Concrete, Add	251.22	
03 41 26 00-0043 20" x 20" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0044 CY 20" x 20" Precast Column, Tied, Average Reinforced 357 LB/CY	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
03 41 26 00-0045 24" x 24" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0046 CY 24" x 24" Precast Column, Tied, Average Reinforced 365 LB/CY	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
03 41 26 00-0047 28" x 28" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0048 CY 28" x 28" Precast Column, Tied, Average Reinforced 347 LB/CY	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
03 41 26 00-0049 32" x 32" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0050 CY 32" x 32" Precast Column, Tied, Average Reinforced 351 LB/CY	887.72	
For 3,500 PSI Concrete, Add	66.58	
For 4,000 PSI Concrete, Add	125.17	
For 4,500 PSI Concrete, Add	184.65	
For 5,000 PSI Concrete, Add	251.22	
03 41 26 00-0051 36" x 36" Column, Square, Tied (03 41 26 00-0038)		
03 41 26 00-0052 CY 36" x 36" Precast Column, Tied, Average Reinforced 278 LB/CY	889.43	
For 3,500 PSI Concrete, Add	66.71	
For 4,000 PSI Concrete, Add	125.41	
For 4,500 PSI Concrete, Add	185.00	
For 5,000 PSI Concrete, Add	251.71	
03 41 33 Precast Structural Pretensioned Concrete (03 41)		
03 41 33 00-0001 Slabs, Roof And Floor Members (03 41 33)		
03 41 33 00-0002 SF 4" Thick Precast Prestressed Slab, 12-16' Span Roof/Floor.....	17.63	2.25

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0003 SF 6" Thick Precast Prestressed Slab, 16-25' Span Roof/Floor.....	21.99	2.25
03 41 33 00-0004 SF 8" Thick Precast Prestressed Slab, 25-32' Span Roof/Floor.....	26.35	2.36
03 41 33 00-0005 SF 10" Thick Precast Prestressed Slab, 32-40' Span Roof/Floor.....	30.73	2.48
03 41 33 00-0006 Tee Members (03 41 33)		
03 41 33 00-0007 Multiple Tee, Roof And Floor (03 41 33 00-0006)		
03 41 33 00-0008 SF Prestressed Multiple Tee, Roof And Floor Members	39.68	2.93
03 41 33 00-0009 Double Tee Wall Member (03 41 33 00-0006)		
03 41 33 00-0010 SF Prestressed Double Tee Wall Members Precast Concrete, <40' Span.....	56.04	7.99
03 41 33 00-0011 Single Tee, Short Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0012 SF Prestressed Single Tee, Short Span Roof Precast Concrete Members, <40' Span.....	46.60	4.84
03 41 33 00-0013 Single Tee, Long Span, Roof Members (03 41 33 00-0006)		
03 41 33 00-0014 SF Prestressed Single Tee, Long Span Roof Precast Concrete Members, <40' Span	55.95	4.17
03 41 33 00-0015 Prestressed Concrete Items (03 41 33)		
03 41 33 00-0016 Prestressed Quad Tee (03 41 33 00-0015)		
03 41 33 00-0017 SF Tees, Prestressed Quad Tee, Short Spans, Roof.....	28.76	0.90
03 41 33 00-0018 SF Tees, Prestressed Quad Tee, Short Spans, Floor.....	30.02	0.90
03 41 33 00-0019 Prestressed Double Tee (03 41 33 00-0015)		
03 41 33 00-0020 SF Tees, Double Tee, Floor Members , 60' Span	47.83	0.79
03 41 33 00-0021 SF Tees, Double Tee, Floor Members , 80' Span	65.88	0.79
03 41 33 00-0022 SF Tees, Double Tee, Roof Members, 30' Span	32.62	1.35
03 41 33 00-0023 SF Tees, Double Tee, Roof Members, 50' Span	50.57	0.90
03 41 33 00-0024 SF Tees, Double Tee, Wall Members, Up To 55' High.....	35.33	1.80
03 41 33 00-0025 Prestressed Single Tee (03 41 33 00-0015)		
03 41 33 00-0026 SF Tees, Single Tee Roof Members, 40' Span	56.58	2.03
03 41 33 00-0027 SF Tees, Single Tee Roof Members, 80' Span	65.57	1.24
03 41 33 00-0028 SF Tees, Single Tee Roof Members, 100' Span	86.77	1.12
03 41 33 00-0029 SF Tees, Single Tee Roof Members, 120' Span	91.37	1.12
03 41 33 00-0030 Prestressed Double Tee Floor Members (03 41 33 00-0015)		
03 41 33 00-0031 EA Tees, Double Tees, Floor Members, Lightweight, 20" X 8' Wide, 45'	14,634.38	324.11
03 41 33 00-0032 EA Tees, Double Tees, Floor Members, Lightweight, 24" X 8' Wide, 50'	15,934.87	360.12
03 41 33 00-0033 EA Tees, Double Tees, Floor Members, Lightweight, 32" X 10' Wide, 60'	26,662.99	405.14
03 41 33 00-0034 EA Tees, Double Tees, Floor Members, Standard Weight, 12" X 8' Wide, 25'	5,725.25	294.74
03 41 33 00-0035 EA Tees, Double Tees, Floor Members, Standard Weight, 16" X 8' Wide, 25'	7,519.78	324.11
03 41 33 00-0036 EA Tees, Double Tees, Floor Members, Standard Weight, 18" X 8' Wide, 35'	9,612.31	324.11
03 41 33 00-0037 EA Tees, Double Tees, Floor Members, Standard Weight, 20" X 8' Wide, 45'	10,703.55	360.12
03 41 33 00-0038 EA Tees, Double Tees, Floor Members, Standard Weight, 24" X 8' Wide, 50'	13,689.30	405.14
03 41 33 00-0039 EA Tees, Double Tees, Floor Members, Standard Weight, 32" X 10' Wide, 60'	24,643.07	463.21
03 41 33 00-0040 Prestressed Double Tee Roof Members (03 41 33 00-0015)		
03 41 33 00-0041 EA Tees, Double Tees, Roof Members, Lightweight, 20" X 8' Wide, 45'	11,495.59	324.11
03 41 33 00-0042 EA Tees, Double Tees, Roof Members, Lightweight, 24" X 8' Wide, 50'	15,097.86	360.12
03 41 33 00-0043 EA Tees, Double Tees, Roof Members, Lightweight, 32" X 10' Wide, 60'	24,779.71	405.14
03 41 33 00-0044 EA Tees, Double Tees, Roof Members, Standard Weight, 12" X 8' Wide, 30'	7,692.23	294.74
03 41 33 00-0045 EA Tees, Double Tees, Roof Members, Standard Weight, 16" X 8' Wide, 30'	8,105.69	324.11
03 41 33 00-0046 EA Tees, Double Tees, Roof Members, Standard Weight, 18" X 8' Wide, 30'	8,984.55	324.11
03 41 33 00-0047 EA Tees, Double Tees, Roof Members, Standard Weight, 20" X 8' Wide, 40'	9,238.78	360.12
03 41 33 00-0048 EA Tees, Double Tees, Roof Members, Standard Weight, 24" X 8' Wide, 50'	12,224.53	405.14
03 41 33 00-0049 EA Tees, Double Tees, Roof Members, Standard Weight, 32" X 10' Wide, 60'	21,085.77	463.21
03 41 33 00-0050 Plant Produced Pretensioned Prestressed Concrete Hollow Core Slab (03 41 33)		
03 41 33 00-0051 SF Hollow Core Slab, 4" Slab, 12' - 16' Spans, Plant Produced Pretensioned Prestressed Concrete	30.39	
03 41 33 00-0052 SF Hollow Core Slab, 6" Slab, 16' - 25' Spans, Plant Produced Pretensioned Prestressed Concrete	31.63	
03 41 33 00-0053 SF Hollow Core Slab, 8" Slab, 25' - 30' Spans, Plant Produced Pretensioned Prestressed Concrete	33.10	
03 41 33 00-0054 SF Hollow Core Slab, 10" Slab, 30' - 35' Spans, Plant Produced Pretensioned Prestressed Concrete	34.19	
03 41 33 00-0055 SF Hollow Core Slab, 12" Slab, 35' - 40' Spans, Plant Produced Pretensioned Prestressed Concrete	36.53	
03 41 33 00-0056 Double And Single Tees (03 41 33)		
03 41 33 00-0057 Double And Single Tees With 16" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0058 SF Double Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	36.72	

03 Concrete**03 40 Precast Concrete****03 41 Precast Structural Concrete**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 41 33 00-0059 SF Double Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	35.85	
03 41 33 00-0060 SF Double Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	33.85	
03 41 33 00-0061 SF Double Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	36.72	
03 41 33 00-0062 SF Double Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	36.60	
03 41 33 00-0063 SF Single Tee With 16" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	56.31	
03 41 33 00-0064 SF Single Tee With 16" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	55.06	
03 41 33 00-0065 SF Single Tee With 16" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	51.56	
03 41 33 00-0066 SF Single Tee With 16" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	56.31	
03 41 33 00-0067 SF Single Tee With 16" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	52.80	
03 41 33 00-0068 Double And Single Tees With 24" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0069 SF Double Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	37.85	
03 41 33 00-0070 SF Double Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	36.98	
03 41 33 00-0071 SF Double Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	35.74	
03 41 33 00-0072 SF Double Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	37.85	
03 41 33 00-0073 SF Double Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	36.60	
03 41 33 00-0074 SF Single Tee With 24" Roof Loading, 30' Span, Pretensioned Prestressed Concrete	57.81	
03 41 33 00-0075 SF Single Tee With 24" Roof Loading, 40' Span, Pretensioned Prestressed Concrete	56.56	
03 41 33 00-0076 SF Single Tee With 24" Roof Loading, 45' Span, Pretensioned Prestressed Concrete	54.57	
03 41 33 00-0077 SF Single Tee With 24" Floor Loading, 30' Span, Pretensioned Prestressed Concrete	57.81	
03 41 33 00-0078 SF Single Tee With 24" Floor Loading, 40' Span, Pretensioned Prestressed Concrete	56.19	
03 41 33 00-0079 Double And Single Tees With 32" Roof And Floor Loading (03 41 33 00-0056)		
03 41 33 00-0080 SF Double Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	39.90	
03 41 33 00-0081 SF Double Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	38.65	
03 41 33 00-0082 SF Double Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	37.39	
03 41 33 00-0083 SF Single Tee With 32" Roof Load, 50' Span, Pretensioned Prestressed Concrete	61.37	
03 41 33 00-0084 SF Single Tee With 32" Roof Load, 60' Span, Pretensioned Prestressed Concrete	59.37	
03 41 33 00-0085 SF Single Tee With 32" Roof Load, 70' Span, Pretensioned Prestressed Concrete	56.98	
03 48 Precast Concrete Specialties (03 40)		
03 48 16 Precast Concrete Splash Blocks (03 48)		
03 48 16 00-0001 Precast Concrete Splash Blocks (03 48 16)		
03 48 16 00-0002 EA Precast Concrete Splash Blocks, 20" x 12" x 3"	38.58	3.69
03 48 21 Precast Concrete Handrails (03 48)		
03 48 21 00-0001 Installation Cost (03 48 21)		
Note: Includes handling, hoisting into place, alignment, and permanent connections. Excludes grouting.		
03 48 21 00-0002 EA Install Precast Handrails, 0-2 Ton/Handrail	155.72	70.10
03 48 21 00-0003 EA Install Precast Handrails, Over 2 Ton/Handrail	186.75	84.01
03 48 21 00-0004 Material Cost (03 48 21)		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast operations.		
03 48 21 00-0005 CY 4" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,306.31	
For 3,500 PSI Concrete, Add	215.74	
For 4,000 PSI Concrete, Add	405.35	
For 4,500 PSI Concrete, Add	595.80	
For 5,000 PSI Concrete, Add	810.54	
03 48 21 00-0006 CY 5" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,431.86	
For 3,500 PSI Concrete, Add	223.93	
For 4,000 PSI Concrete, Add	420.75	
For 4,500 PSI Concrete, Add	618.42	
For 5,000 PSI Concrete, Add	841.32	
03 48 21 00-0007 CY 6" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,557.42	
For 3,500 PSI Concrete, Add	232.12	
For 4,000 PSI Concrete, Add	436.14	
For 4,500 PSI Concrete, Add	641.05	
For 5,000 PSI Concrete, Add	872.10	
03 48 21 00-0008 CY 8" Thick 3,000 PSI Concrete Precast Concrete Handrail	3,724.83	
For 3,500 PSI Concrete, Add	243.05	
For 4,000 PSI Concrete, Add	456.66	
For 4,500 PSI Concrete, Add	671.21	
For 5,000 PSI Concrete, Add	913.14	
03 48 22 Precast Concrete Sun Screen and Trellis (03 48)		
03 48 22 00-0001 Sun Screen Blades (03 48 22)		
03 48 22 00-0002 Installation Cost (03 48 22 00-0001)		
Note: Includes handling, hoisting into place, alignment, bracing, and permanent connections.		
03 48 22 00-0003 EA Install Precast Sun Screen Blade, 0-1 Ton/Each	77.85	35.05
03 48 22 00-0004 EA Install Precast Sun Screen Blade, 1-2 Ton/Each	93.54	42.06
03 48 22 00-0005 EA Install Precast Sun Screen Blade, 2-3 Ton/Each	116.88	52.63

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 48 22 00-0006 Material Cost <small>(03 48 22 00-0001)</small>		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0007 CY 4" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,515.57	
For 3,500 PSI Concrete, Add	229.39	
For 4,000 PSI Concrete, Add	431.01	
For 4,500 PSI Concrete, Add	633.51	
For 5,000 PSI Concrete, Add	861.84	
03 48 22 00-0008 CY 5" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,641.12	
For 3,500 PSI Concrete, Add	237.58	
For 4,000 PSI Concrete, Add	446.40	
For 4,500 PSI Concrete, Add	656.13	
For 5,000 PSI Concrete, Add	892.62	
03 48 22 00-0009 CY 6" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,808.53	
For 3,500 PSI Concrete, Add	248.51	
For 4,000 PSI Concrete, Add	466.93	
For 4,500 PSI Concrete, Add	686.30	
For 5,000 PSI Concrete, Add	933.66	
03 48 22 00-0010 CY 8" Thick 3,000 PSI Concrete Precast Sun Screen Blades	3,975.94	
For 3,500 PSI Concrete, Add	259.43	
For 4,000 PSI Concrete, Add	487.45	
For 4,500 PSI Concrete, Add	716.46	
For 5,000 PSI Concrete, Add	974.70	
03 48 22 00-0011 Sun Screen/Trellis Units <small>(03 48 22)</small>		
03 48 22 00-0012 Installation Cost Using A 50 Ton Hydraulic Crane <small>(03 48 22 00-0011)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent to connections.		
03 48 22 00-0013 EA Install Precast Trellis, 0-1 Tons/Unit 100' Maximum Radius With 50 Ton Crane	361.69	162.73
03 48 22 00-0014 EA Install Precast Trellis, 1-3 Tons/Unit 65' Maximum Radius With 50 Ton Crane	404.56	182.11
03 48 22 00-0015 EA Install Precast Trellis, 3-5 Tons/Unit 50' Maximum Radius With 50 Ton Crane	458.98	206.51
03 48 22 00-0016 EA Install Precast Trellis, 5-7 Tons/Unit 40' Maximum Radius With 50 Ton Crane	490.53	220.74
03 48 22 00-0017 Material Cost <small>(03 48 22 00-0011)</small>		
Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 22 00-0018 CY 4" Thick 3,000 PSI Concrete Precast Trellises Blades	4,059.64	
For 3,500 PSI Concrete, Add	264.89	
For 4,000 PSI Concrete, Add	497.71	
For 4,500 PSI Concrete, Add	731.55	
For 5,000 PSI Concrete, Add	995.22	
03 48 22 00-0019 CY 5" Thick 3,000 PSI Concrete Precast Trellises Blades	4,185.20	
For 3,500 PSI Concrete, Add	273.08	
For 4,000 PSI Concrete, Add	513.11	
For 4,500 PSI Concrete, Add	754.17	
For 5,000 PSI Concrete, Add	1,026.00	
03 48 22 00-0020 CY 6" Thick 3,000 PSI Concrete Precast Trellises Blades	4,352.61	
For 3,500 PSI Concrete, Add	284.01	
For 4,000 PSI Concrete, Add	533.63	
For 4,500 PSI Concrete, Add	784.34	
For 5,000 PSI Concrete, Add	1,067.04	
03 48 22 00-0021 CY 8" Thick 3,000 PSI Concrete Precast Trellises Blades	4,561.87	
For 3,500 PSI Concrete, Add	297.66	
For 4,000 PSI Concrete, Add	559.29	
For 4,500 PSI Concrete, Add	822.05	
For 5,000 PSI Concrete, Add	1,118.34	
03 48 24 Precast Minaret Segments <small>(03 48)</small>		
03 48 24 00-0001 Installation Costs Using A 50 Ton Hydraulic Crane <small>(03 48 24)</small>		
Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 24 00-0002 L - Shaped Segments <small>(03 48 24 00-0001)</small>		
03 48 24 00-0003 EA Install Minaret, L-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	351.95	281.56
03 48 24 00-0004 EA Install Minaret, L-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	394.39	315.54
03 48 24 00-0005 EA Install Minaret, L-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	445.94	356.74
03 48 24 00-0006 EA Install Minaret, L-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	475.67	380.53
03 48 24 00-0007 O - Shaped Segments <small>(03 48 24 00-0001)</small>		
03 48 24 00-0008 EA Install Minaret, O-Shape Segment, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	371.97	297.62
03 48 24 00-0009 EA Install Minaret, O-Shape Segment, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	417.47	333.93
03 48 24 00-0010 EA Install Minaret, O-Shape Segment, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	472.80	378.20
03 48 24 00-0011 EA Install Minaret, O-Shape Segment, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	506.35	405.06
03 48 24 00-0012 Platform Segment <small>(03 48 24 00-0001)</small>		
03 48 24 00-0013 EA Install Minaret, Platform Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	713.50	570.86
03 48 24 00-0014 EA Install Minaret, Platform Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	862.47	689.93
03 48 24 00-0015 EA Install Minaret, Platform Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	957.13	765.71
03 48 24 00-0016 EA Install Minaret, Platform Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	1,075.13	860.14
03 48 24 00-0017 Cap Segment <small>(03 48 24 00-0001)</small>		

03 Concrete**03 40 Precast Concrete****03 48 Precast Concrete Specialties**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
03 48 24 00-0018	EA	Install Minaret, Cap Segments, 0-1 Ton/Each 100' Maximum Radius With 50 Ton Crane	390.47	312.34
03 48 24 00-0019	EA	Install Minaret, Cap Segments, 1-3 Ton/Each 65' Maximum Radius With 50 Ton Crane	436.02	348.77
03 48 24 00-0020	EA	Install Minaret, Cap Segments, 3-5 Ton/Each 50' Maximum Radius With 50 Ton Crane	496.74	397.33
03 48 24 00-0021	EA	Install Minaret, Cap Segments, 5-7 Ton/Each 40' Maximum Radius With 50 Ton Crane	530.30	424.18
03 48 24 00-0022		Installation Costs Using A 90 Ton Crawler Crane <small>(03 48 24)</small>		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections. Excludes grouting and caulking of joints.		
03 48 24 00-0023		L - Shaped Segments <small>(03 48 24 00-0023)</small>		
03 48 24 00-0024	EA	Install Minaret, L-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	356.90	285.52
03 48 24 00-0025	EA	Install Minaret, L-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	399.94	319.98
03 48 24 00-0026	EA	Install Minaret, L-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	452.21	361.76
03 48 24 00-0027	EA	Install Minaret, L-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	482.36	385.88
03 48 24 00-0028		O - Shaped Segment <small>(03 48 24 00-0028)</small>		
03 48 24 00-0029	EA	Install Minaret, O-Shaped Segments, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	377.20	301.81
03 48 24 00-0030	EA	Install Minaret, O-Shaped Segments, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	423.35	338.63
03 48 24 00-0031	EA	Install Minaret, O-Shaped Segments, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	479.46	383.52
03 48 24 00-0032	EA	Install Minaret, O-Shaped Segments, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	513.48	410.75
03 48 24 00-0033		Platform Segment <small>(03 48 24 00-0033)</small>		
03 48 24 00-0034	EA	Install Minaret, Platform Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	576.73	461.37
03 48 24 00-0035	EA	Install Minaret, Platform Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	698.15	558.49
03 48 24 00-0036	EA	Install Minaret, Platform Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	772.71	618.19
03 48 24 00-0037	EA	Install Minaret, Platform Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	874.60	699.64
03 48 24 00-0038		Cap Segment <small>(03 48 24 00-0038)</small>		
03 48 24 00-0039	EA	Install Minaret, Cap Segment, 0-1 Ton/Each 180' Maximum Radius With 90 Ton Crane	395.97	316.74
03 48 24 00-0040	EA	Install Minaret, Cap Segment, 1-3 Ton/Each 135' Maximum Radius With 90 Ton Crane	442.16	353.68
03 48 24 00-0041	EA	Install Minaret, Cap Segment, 3-5 Ton/Each 100' Maximum Radius With 90 Ton Crane	503.73	402.92
03 48 24 00-0042	EA	Install Minaret, Cap Segment, 5-7 Ton/Each 79' Maximum Radius With 90 Ton Crane	537.76	430.15
03 48 24 00-0043		Material Costs <small>(03 48 24)</small>		
		Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.		
03 48 24 00-0044	CY	Precast Concrete Minaret, L-Shaped Segments, 3,000 PSI Concrete	10,043.92	
		Note: Including Post Tension Cost		
03 48 24 00-0045	CY	Precast Concrete Minaret, O-Shaped Segments, 3,000 PSI Concrete	10,043.92	
		Note: Including Post Tension Cost		
03 48 24 00-0046	CY	Precast Concrete Minaret, Platform Segments, 3,000 PSI Concrete	10,043.92	
		Note: Including Post Tension Cost		
03 48 24 00-0047	CY	Precast Concrete Minaret, Cap Segments, 3,000 PSI Concrete	10,043.92	
		Note: Including Post Tension Cost		
03 48 29		Precast Accessories <small>(03 48)</small>		
		Note: Includes installation labor, material and equipment.		
03 48 29 00-0001		Bearing Pads For Precast Members <small>(03 48 29)</small>		
03 48 29 00-0002		Continuous 2" Wide Strips <small>(03 48 29 00-0002)</small>		
03 48 29 00-0003	LF	Bearing Pads, Continuous 2" Wide x 1/8" Thick Strips	1.25	
		Note: For precast members		
03 48 29 00-0004	LF	Bearing Pads, Continuous 2" Wide x 1/4" Thick Strips	1.74	
		Note: For precast members		
03 48 29 00-0005	LF	Bearing Pads, Continuous 2" Wide x 1/2" Thick Strips	2.84	
		Note: For precast members		
03 48 29 00-0006	LF	Bearing Pads, Continuous 2" Wide x 3/4" Thick Strips	3.97	
		Note: For precast members		
03 48 29 00-0007	LF	Bearing Pads, Continuous 2" Wide x 1" Thick Strips	5.14	
		Note: For precast members		
03 48 29 00-0008	LF	Bearing Pads, Continuous 2" Wide x 1-1/2" Thick Strips	7.36	
		Note: For precast members		
03 48 29 00-0009		Bearing Pad Pipe Supports <small>(03 48 29)</small>		
03 48 29 00-0010	LF	4" x 4" Precast Pipe Support	9.83	
03 48 46		Precast Skylight Shells <small>(03 48)</small>		
03 48 46 00-0001		Installation Cost Using A 90 Ton Crawler Crane <small>(03 48 46)</small>		
		Note: Includes handling, hoisting into place, alignment, bracing and permanent connections.		
03 48 46 00-0002	EA	Install Precast Skylight Shell, 0-4 Tons/Each Based On 90 Ton Crawler Crane	514.31	231.47
03 48 46 00-0003	EA	Install Precast Skylight Shell, 4-6 Tons/Each Based On 90 Ton Crawler Crane	571.09	257.00
03 48 46 00-0004	EA	Install Precast Skylight Shell, 6-8 Tons/Each Based On 90 Ton Crawler Crane	641.95	288.88

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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03 48 46 00-0005	Material Cost <small>(03 48 46)</small>	
	Note: Includes 3000 PSI concrete, imbedded items, formwork and precast concrete operations.	
03 48 46 00-0006	CY 3.5" Thick 3,000 PSI Concrete Precast Skylight With 4.4' Radius	4,202.06

03 48 49	Precast Landings <small>(03 48)</small>	
03 48 49 00-0001	SF 3" Thick Precast Landing	103.02
03 48 49 00-0002	SF 4" Thick Precast Landing	120.23
03 48 49 00-0003	SF 5" Thick Precast Landing	136.45
03 48 49 00-0004	SF 6" Thick Precast Landing	157.28

03 48 54	Precast Concrete Blocks <small>(03 48)</small>	
03 48 54 00-0001	Precast Interlocking Concrete Blocks <small>(03 48 54)</small>	
	Note: Includes lifting loop	
03 48 54 00-0002	EA 2' x 2' x 2' Precast Interlocking Concrete (Ecology) Block	133.49
03 48 54 00-0003	EA 2' x 2' x 3' Precast Interlocking Concrete (Ecology) Block	159.77
03 48 54 00-0004	EA 2' x 2' x 4' Precast Interlocking Concrete (Ecology) Block	186.04
03 48 54 00-0005	EA 2' x 2' x 6' Precast Interlocking Concrete (Ecology) Block	252.08
03 48 54 00-0006	EA 2' x 2' x 8' Precast Interlocking Concrete (Ecology) Block	302.78

03 50 Cast Decks and Underlayment (03)

03 51 Cast Roof Decks (03 50)

03 51 13	Cementitious Wood Fiber Decks <small>(03 51)</small>	
03 51 13 00-0001	Cement Fiber Tongue And Groove Planks <small>(03 51 13)</small>	
03 51 13 00-0002	SF 1" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.47
03 51 13 00-0003	SF 1-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.59
03 51 13 00-0004	SF 2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	3.77
03 51 13 00-0005	SF 2-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.23
03 51 13 00-0006	SF 3" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	4.75
03 51 13 00-0007	SF 3-1/2" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	5.34
03 51 13 00-0008	SF 4" Thick Cementitious Fiber Tongue And Groove Planks, Cement Wood Fiber System	6.07

03 51 16 Gypsum Concrete Roof Decks (03 51)

03 51 16 00-0001	Class A Gypsum Fill Concrete Deck <small>(03 51 16)</small>	
03 51 16 00-0002	SF 2" Thick Precast Gypsum Fill Concrete Deck, Class A	11.53
03 51 16 00-0003	SF 2-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	14.30
03 51 16 00-0004	SF 3" Thick Precast Gypsum Fill Concrete Deck, Class A	17.09
03 51 16 00-0005	SF 3-1/2" Thick Precast Gypsum Fill Concrete Deck, Class A	19.89
03 51 16 00-0006	SF 4" Thick Precast Gypsum Fill Concrete Deck, Class A	22.72
03 51 16 00-0007	Form Board For Lightweight Deck <small>(03 51 16)</small>	
03 51 16 00-0008	SF Gypsum Deck Form Board, 1/2" Drywall For Lightweight Deck	2.31
03 51 16 00-0009	SF Gypsum Deck Form Board, 1" Mineral Fiber Board For Lightweight Deck	3.10
03 51 16 00-0010	SF Gypsum Deck Form Board, 1-1/2" Mineral Fiber Board For Lightweight Deck	6.49
03 51 16 00-0011	SF Gypsum Deck Form Board, 1" Cementitious Fiber Board For Lightweight Deck	2.57
03 51 16 00-0012	SF Gypsum Deck Form Board, 1-1/2" Cementitious Fiber Board For Lightweight Deck	3.13
03 51 16 00-0013	SF Gypsum Deck Form Board, 1" Glass Fiber Board For Lightweight Deck	3.48
03 51 16 00-0014	SF Gypsum Deck Form Board, 1-1/2" Glass Fiber Board For Lightweight Deck	4.32
03 51 16 00-0015	Gypsum Plank <small>(03 51 16)</small>	
03 51 16 00-0016	SF 2" Thick, Insulating Concrete Gypsum Plank, Roof Deck	3.54
03 51 16 00-0017	SF 3" Thick, Insulating Concrete Gypsum Plank, Roof Deck	4.62

03 53 Concrete Topping (03 50)

Note: Installed over new or existing concrete.

03 53 14 Granolithic Concrete Topping (03 53)

03 53 14 00-0001	Granolithic Topping Laid After <small>(03 53 14)</small>	
	Note: Using 1:1:1-1/2 mix.	
03 53 14 00-0002	SF 1/2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.09
03 53 14 00-0003	SF 1" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	4.39
03 53 14 00-0004	SF 2" Thick Concrete Topping, Granolithic Laid After Finish, 1:1:1-1/2 Mix	5.48

03 53 19 Concrete Overlayment (03 53)

03 53 19 00-0001	Integral Topping Including Hard Trowel Finish <small>(03 53 19)</small>	
	Note: Using 1:1:2 mix.	
03 53 19 00-0002	SF 3/16" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.43
03 53 19 00-0003	SF 1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix	2.70

03 Concrete**03 50 Cast Decks and Underlayment****03 53 Concrete Topping**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

03 53 19 00-0004	SF	3/4" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.16
03 53 19 00-0005	SF	1" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	3.72
03 53 19 00-0006	SF	2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	5.23
03 53 19 00-0007	SF	2-1/2" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	4.42
03 53 19 00-0008	SF	3" Thick Hard Trowel Integral Concrete Topping, 1:1:2 Mix.....	4.92

03 54 Cast Underlayment (03 50)

Note: Includes primer. Excludes sandblasting existing smooth finished concrete surface (where necessary).

03 54 16 Hydraulic Cement Underlayment (03 54)**03 54 16 00-0001 Self Leveling Cementitious Underlayment For Floors** (03 54 16)

Note: Includes primer.

03 54 16 00-0002	SF	1/8" Thick Self Leveling Cementitious Underlayment For Floors	1.50
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.14
		For >100 To 250 SF, Add	0.07
03 54 16 00-0003	SF	1/4" Thick Self Leveling Cementitious Underlayment For Floors	2.52
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.14
		For >100 To 250 SF, Add	0.07
03 54 16 00-0004	SF	3/8" Thick Self Leveling Cementitious Underlayment For Floors	3.19
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.14
		For >100 To 250 SF, Add	0.07
03 54 16 00-0005	SF	1/2" Thick Self Leveling Cementitious Underlayment For Floors	4.55
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.14
		For >100 To 250 SF, Add	0.07
03 54 16 00-0006	SF	5/8" Thick Self Leveling Cementitious Underlayment For Floors	5.36
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.14
		For >100 To 250 SF, Add	0.07
03 54 16 00-0007	SF	3/4" Thick Self Leveling Cementitious Underlayment For Floors	6.62
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.16
		For >100 To 250 SF, Add	0.08
03 54 16 00-0008	SF	1" Thick Self Leveling Cementitious Underlayment For Floors	8.64
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.16
		For >100 To 250 SF, Add	0.08
03 54 16 00-0009	SF	1-1/4" Thick Self Leveling Cementitious Underlayment For Floors	11.39
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.18
		For >100 To 250 SF, Add	0.09
03 54 16 00-0010	SF	1-1/2" Thick Self Leveling Cementitious Underlayment For Floors	12.76
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.18
		For >100 To 250 SF, Add	0.09
03 54 16 00-0011	SF	1-3/4" Thick Self Leveling Cementitious Underlayment For Floors	16.90
		Note: Including Surface Preparation	
		For Up To 100 SF, Add	0.22
		For >100 To 250 SF, Add	0.11

03 60 Grouting (03)**03 61 Cementitious Grouting** (03 60)

Note: 1 part cement to 3 parts sand by volume.

03 61 16 Cementitious Flowable Grout (03 61)**03 61 16 00-0001 Cementitious Flowable Grout** (03 61 16)

03 61 16 00-0002	CY	Cementitious Flowable Grout.....	410.20
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03 62 Non-Shrink Grouting (03 60)**03 62 13 Non-Metallic Non-Shrink Grouting** (03 62)**03 62 13 00-0001 Fluid Type, Non-Metallic Non-Shrink Grouting For Bases** (03 62 13)

03 62 13 00-0002	SF	1" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	24.22
03 62 13 00-0003	SF	2" Deep, Fluid Type, Non-Metallic Non-Shrink Grout For Bases	35.34

03 62 13 00-0004 Non-Metallic Non-Shrink Grouting For Bases (03 62 13)

03 62 13 00-0005	SF	1" Deep, Non-Metallic Non-Shrink Grout For Bases	36.86
03 62 13 00-0006	SF	2" Deep, Non-Metallic Non-Shrink Grout For Bases	58.45

03 62 13 00-0007 Non-Metallic Non-Shrink Grouting For Joints (03 62 13)**03 62 13 00-0008 1/2" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints** (03 62 13 00-0007)

03 62 13 00-0009	LF	4" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints	1.97
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Concrete	03	03
Grouting	03 60	
Non-Shrink Grouting	03 62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
03 62 13 00-0010 LF 6" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....	2.55	
03 62 13 00-0011 LF 8" Deep x 1/2" Thick, Non-Metallic Non-Shrink Grout For Joints.....	3.38	
03 62 13 00-0012 1" Joint Thickness, Non-Metallic Non-Shrink Grout For Joints (03 62 13 00-0007)		
03 62 13 00-0013 LF 4" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....	2.86	
03 62 13 00-0014 LF 6" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....	3.79	
03 62 13 00-0015 LF 8" Deep x 1" Thick, Non-Metallic Non-Shrink Grout For Joints.....	5.04	
03 62 16 Metallic Non-Shrink Grouting (03 62)		
03 62 16 00-0001 Metallic Non-Shrink Grouting For Bases (03 62 16)		
03 62 16 00-0002 SF 1" Deep, Metallic Non-Shrink Grout For Bases.....	31.69	
03 62 16 00-0003 SF 2" Deep, Metallic Non-Shrink Grout For Bases.....	48.43	
03 62 16 00-0004 Metallic Non-Shrink Grouting For Joints (03 62 16)		
03 62 16 00-0005 1/2" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)		
03 62 16 00-0006 LF 4" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	1.64	
03 62 16 00-0007 LF 6" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	2.06	
03 62 16 00-0008 LF 8" Deep x 1/2" Thick, Metallic Non-Shrink Grout For Joints.....	2.75	
03 62 16 00-0009 1" Joint Thickness, Metallic Non-Shrink Grout For Joints (03 62 16 00-0004)		
03 62 16 00-0010 LF 4" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	2.23	
03 62 16 00-0011 LF 6" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	2.82	
03 62 16 00-0012 LF 8" Deep x 1" Thick, Metallic Non-Shrink Grout For Joints.....	3.76	
03 63 Epoxy Grouting (03 60)		
03 63 00 00-0001 Spray On Concrete Epoxy Grout (03 63)		
Note: (Sika 224) per thickness per coat.		
03 63 00 00-0002 SF 1/2" Thick Coat Spray On Concrete Epoxy Grout.....	7.14	
For Color, Add	2.15	
03 63 00 00-0003 SF 3/4" Thick Coat Spray On Concrete Epoxy Grout.....	10.03	
For Color, Add	3.24	
03 63 00 00-0004 SF 1" Thick Coat Spray On Concrete Epoxy Grout.....	13.01	
For Color, Add	4.32	
03 64 Injection Grouting (03 60)		
Note: By volume of void filled. Includes injection ports.		
03 64 23 Epoxy Injection Grouting (03 64)		
03 64 23 00-0001 Pressure Injected Epoxy Grout (03 64 23)		
03 64 23 00-0002 CF Pressure Injected Epoxy Grout.....	1,304.36	
For >4, Deduct	-138.23	
03 64 26 Cementitious Injection Grouting (03 64)		
03 64 26 00-0001 Pressure Injected Cementitious Grout (03 64 26)		
03 64 26 00-0002 CF Pressure Injected Cementitious Grout.....	226.38	
For >4, Deduct	-59.30	
03 80 Concrete Cutting and Boring (03)		
03 81 Concrete Cutting (03 80)		
03 81 13 Flat Concrete Sawing (03 81)		
See CSI section 02 41 19 13-0001 for saw cutting.		
03 81 16 Track Mounted Concrete Wall Sawing (03 81)		
See CSI section 02 41 19 13-0001 for saw cutting.		
03 82 Concrete Boring (03 80)		
03 82 13 Concrete Core Drilling (03 82)		
See CSI section 02 41 19 13-0024 for core drilling.		

END OF SECTION 03

03	03	Concrete
	03 80	Concrete Cutting and Boring
	03 82	Concrete Boring



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 Masonry

04 01 Maintenance of Masonry ⁽⁰⁴⁾

04 01 20 Maintenance of Unit Masonry ^(04 01)

Note: For use on existing brick. Includes clean-up of debris. Excludes disposal.

04 01 20 41 Unit Masonry Stabilization ^(04 01 20)

04 01 20 41-0001	Unit Masonry Stabilization (Helifix®) ^(04 01 20 41)		
04 01 20 41-0002	Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0001)		
	Note: Austenitic stainless steel. For stabilizing solid masonry. Includes drilling, cementitious grout and patching surface.		
04 01 20 41-0003	304 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0002)		
04 01 20 41-0004	EA 8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		22.37
	For Up To 10, Add		10.75
	For >10 To 50, Add		5.38
04 01 20 41-0005	EA 8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		31.50
	For Up To 10, Add		10.75
	For >10 To 50, Add		5.38
04 01 20 41-0006	EA 8mm Diameter, 900mm Length, 304 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		41.41
	For Up To 10, Add		10.75
	For >10 To 50, Add		5.38
04 01 20 41-0007	316 Stainless Steel Helical Pin, Grouted Ties For Stabilizing Solid Masonry (Helifix® CemTie) ^(04 01 20 41-0002)		
04 01 20 41-0008	EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		24.35
	For Up To 10, Add		10.75
	For >10 To 50, Add		5.38
04 01 20 41-0009	EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		35.01
	For Up To 10, Add		10.75
	For >10 To 50, Add		5.38
04 01 20 41-0010	EA 8mm Diameter, 900mm Length, 316 Stainless Steel Helical Pin, Grouted Tie For Stabilizing Solid Masonry (Helifix® CemTie).....		46.68
	For Up To 10, Add		10.75
	For >10 To 50, Add		5.38
04 01 20 41-0011	Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0001)		
	Note: Austenitic stainless steel. For stabilizing cracked masonry. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout. Excludes repairing vertical crack.		
04 01 20 41-0012	304 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0011)		
04 01 20 41-0013	EA 4.5mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		62.10
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0014	EA 4.5mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		67.28
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0015	EA 4.5mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		187.59
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0016	EA 6mm Diameter, 1m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		62.10
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0017	EA 6mm Diameter, 1.2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		67.28
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0018	EA 6mm Diameter, 1.5m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		73.18
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0019	EA 6mm Diameter, 2m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		84.27
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0020	EA 6mm Diameter, 7m Length, 304 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar).....		187.59
	For Up To 10, Add		43.01
	For >10 To 50, Add		21.51
04 01 20 41-0021	316 Stainless Steel Helical Pin, Ties For Stitching Masonry Cracks (Helifix® Helibar) ^(04 01 20 41-0011)		

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
04 01 20 41-0022	EA	4.5mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.92	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0023	EA	4.5mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	71.05	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0024	EA	4.5mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	211.12	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0025	EA	6mm Diameter, 1m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	64.92	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0026	EA	6mm Diameter, 1.2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	71.05	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0027	EA	6mm Diameter, 1.5m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	77.89	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0028	EA	6mm Diameter, 2m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	90.86	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0029	EA	6mm Diameter, 7m Length, 316 Stainless Steel Helical Pin, Tie For Stitching Masonry Cracks (Helifix® Helibar)	211.12	
		<i>For Up To 10, Add</i>	43.01	
		<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0030		Mechanical Repair Anchors (Helifix® TorkFix) <small>(04 01 20 41-0001)</small>		
		Note: Austenitic stainless steel. For stabilizing masonry veneer walls to inner wythes of brick, concrete block, wood studs or steel studs. Includes drilling and patching surface.		
04 01 20 41-0031		304 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) <small>(04 01 20 41-0030)</small>		
04 01 20 41-0032	EA	4-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.46	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0033	EA	5-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.39	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0034	EA	6-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.32	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0035	EA	7-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.25	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0036	EA	8-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.18	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0037	EA	9-1/2" Length, Brick To Brick/Concrete Block, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	16.11	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0038	EA	4-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	11.46	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0039	EA	5-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	12.39	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0040	EA	6-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	13.32	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0041	EA	7-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	14.25	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0042	EA	8-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	15.18	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0043	EA	10-1/2" Length, Brick To Wood Frame/Steel Stud, 304 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix)	17.03	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0044	EA	4-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	11.46	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0045	EA	6-1/2" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	13.32	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0046	EA	8" Length, 304 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix)	14.71	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0047		316 Stainless Steel, Mechanical Repair Anchors (Helifix® TorkFix) <small>(04 01 20 41-0030)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0048 EA 4-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.46	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0049 EA 5-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.39	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0050 EA 6-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.32	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0051 EA 7-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.25	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0052 EA 8-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.18	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0053 EA 9-1/2" Length, Brick To Brick/Concrete Block, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	16.11	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0054 EA 4-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	11.46	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0055 EA 5-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	12.39	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0056 EA 6-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	13.32	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0057 EA 7-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	14.25	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0058 EA 8-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	15.18	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0059 EA 10-1/2" Length, Brick To Wood Frame/Steel Stud, 316 Stainless Steel, Mechanical Repair Anchor (Helifix® TorkFix).....	17.03	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0060 EA 4-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	11.46	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0061 EA 6-1/2" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	13.32	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0062 EA 8" Length, 316 Stainless Steel, Veneer Panel Anchor (Helifix® TorkFix).....	14.71	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
 04 01 20 41-0063 Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) ^(04 01 20 41-0063)		
Note: Austenitic stainless steel. For pinning stucco, terracotta, granite, marble, etc., to concrete block, brick or solid concrete. Includes drilling and patching surface.		
 04 01 20 41-0064 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) ^(04 01 20 41-0063)		
04 01 20 41-0065 EA 8mm Diameter, 115mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.27	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0066 EA 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.61	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0067 EA 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.67	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0068 EA 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.81	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0069 EA 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.05	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0070	EA		8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.26	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0071	EA		8mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.36	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0072	EA		8mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.49	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0073	EA		8mm Diameter, 325mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.08	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0074	EA		8mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.17	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0075	EA		8mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.88	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0076	EA		8mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.49	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0077	EA		8mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.01	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0078	EA		8mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.83	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0079	EA		8mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	16.45	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0080	EA		8mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.61	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0081	EA		10mm Diameter, 125mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.39	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0082	EA		10mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	9.75	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0083	EA		10mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.07	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0084	EA		10mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.36	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0085	EA		10mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.55	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0086	EA		10mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.68	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0087 EA 10mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.89	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0088 EA 10mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.98	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0089 EA 10mm Diameter, 350mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.40	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0090 EA 10mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.00	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0091 EA 10mm Diameter, 450mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.50	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0092 EA 10mm Diameter, 500mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.14	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0093 EA 10mm Diameter, 550mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	16.56	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0094 EA 10mm Diameter, 600mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.47	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0095 EA 10mm Diameter, 700mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	21.45	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0096 EA 8mm Tapered To 6.5mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.17	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0097 EA 8mm Tapered To 6.5mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.38	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0098 EA 8mm Tapered To 6.5mm Diameter, 185mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.52	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0099 EA 8mm Tapered To 6.5mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.62	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0100 EA 8mm Tapered To 6.5mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	10.92	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0101 EA 8mm Tapered To 6.5mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.39	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0102 EA 8mm Tapered To 6.5mm Diameter, 270mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.57	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0103 EA 8mm Tapered To 6.5mm Diameter, 295mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.04	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
04 01 20 41-0104	EA	10mm Tapered To 8mm Diameter, 155mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	10.72	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0105	EA	10mm Tapered To 8mm Diameter, 170mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.13	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0106	EA	10mm Tapered To 8mm Diameter, 195mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.42	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0107	EA	10mm Tapered To 8mm Diameter, 220mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.60	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0108	EA	10mm Tapered To 8mm Diameter, 245mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	11.73	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0109	EA	10mm Tapered To 8mm Diameter, 300mm Length, 304 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.04	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0110	EA	304 Stainless Steel, Seismic Connector (Helifix® DryFix®)	4.91	
		Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
		<i>For Up To 10, Add</i>	3.23	
		<i>For >10 To 50, Add</i>	1.62	
04 01 20 41-0111		316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®) <small>(04 01 20 41-0063)</small>		
04 01 20 41-0112	EA	8mm Diameter, 115mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	9.80	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0113	EA	8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.22	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0114	EA	8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.30	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0115	EA	8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.47	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0116	EA	8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	10.78	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0117	EA	8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.03	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0118	EA	8mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.16	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0119	EA	8mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.33	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0120	EA	8mm Diameter, 325mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®)	11.94	
		<i>For Up To 10, Add</i>	6.45	
		<i>For >10 To 50, Add</i>	3.23	
		<i>For Metal Stud Clip, Add</i>	2.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0121 EA 8mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.05	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0122 EA 8mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.94	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0123 EA 8mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.70	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0124 EA 8mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.35	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0125 EA 8mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	16.62	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0126 EA 8mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.47	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0127 EA 8mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	21.16	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0128 EA 10mm Diameter, 125mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.02	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0129 EA 10mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.43	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0130 EA 10mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	10.83	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0131 EA 10mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.20	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0132 EA 10mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.43	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0133 EA 10mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.59	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0134 EA 10mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.86	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0135 EA 10mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	11.97	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0136 EA 10mm Diameter, 350mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	12.46	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0137 EA 10mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.14	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	

04 Masonry**04 01 Maintenance of Masonry****04 01 20 Maintenance of Unit Masonry**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0138	EA		10mm Diameter, 450mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	13.76	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0139	EA		10mm Diameter, 500mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	14.55	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0140	EA		10mm Diameter, 550mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	18.82	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0141	EA		10mm Diameter, 600mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	20.87	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0142	EA		10mm Diameter, 700mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix®).....	24.59	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0143	EA		8mm Tapered To 6.5mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.01	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0144	EA		8mm Tapered To 6.5mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.25	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0145	EA		8mm Tapered To 6.5mm Diameter, 185mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.41	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0146	EA		8mm Tapered To 6.5mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.54	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0147	EA		8mm Tapered To 6.5mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.92	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0148	EA		8mm Tapered To 6.5mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.51	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0149	EA		8mm Tapered To 6.5mm Diameter, 270mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.70	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0150	EA		8mm Tapered To 6.5mm Diameter, 295mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	13.29	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0151	EA		10mm Tapered To 8mm Diameter, 155mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	11.61	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0152	EA		10mm Tapered To 8mm Diameter, 170mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.13	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0153	EA		10mm Tapered To 8mm Diameter, 195mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.49	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0154	EA		10mm Tapered To 8mm Diameter, 220mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric).....	12.72	
			<i>For Up To 10, Add</i>	6.45	
			<i>For >10 To 50, Add</i>	3.23	
			<i>For Metal Stud Clip, Add</i>	2.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 41-0155 EA 10mm Tapered To 8mm Diameter, 245mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	12.88	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0156 EA 10mm Tapered To 8mm Diameter, 300mm Length, 316 Stainless Steel Helical Pin, Dry Mechanical Pinning And Remedial Tying System (Helifix® DryFix® Asymmetric)	13.26	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
<i>For Metal Stud Clip, Add</i>	2.52	
04 01 20 41-0157 EA 316 Stainless Steel, Seismic Connector (Helifix® DryFix®)	5.32	
Note: For installation over the DryFix® helical pin. Excludes removal of grout from the horizontal mortar joint and installation of Helibar or 9 gauge continuous wire.		
<i>For Up To 10, Add</i>	3.23	
<i>For >10 To 50, Add</i>	1.62	
04 01 20 41-0158 Concrete Patching Pins (Helifix® PatchPin) <small>(04 01 20 41-0001)</small>		
Note: Austenitic stainless steel. For patching reinforced concrete. Includes drilling. Excludes patching mortar.		
04 01 20 41-0159 304 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)		
<small>(04 01 20 41-0158)</small>		
04 01 20 41-0160 EA 8mm Diameter, 70mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	7.98	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0161 EA 8mm Diameter, 102mm Length, 304 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.02	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0162 316 Stainless Steel Helical Pin, Concrete Patching Pins (Helifix® PatchPin)		
<small>(04 01 20 41-0158)</small>		
04 01 20 41-0163 EA 8mm Diameter, 70mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.26	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0164 EA 8mm Diameter, 102mm Length, 316 Stainless Steel Helical Pin, Concrete Patching Pin (Helifix® PatchPin)	8.33	
<i>For Up To 10, Add</i>	6.45	
<i>For >10 To 50, Add</i>	3.23	
04 01 20 41-0165 Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0001)</small>		
Note: Austenitic stainless steel. For creating movement joints in existing walls. Includes removing horizontal mortar and re-pointing mortar bed. Includes cementitious grout.		
04 01 20 41-0166 304 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>		
04 01 20 41-0167 EA 6mm Diameter, 400mm Length, 304 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	51.74	
<i>For Up To 10, Add</i>	43.01	
<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0168 316 Stainless Steel Helical Pin, Movement Joint Ties (Helifix® Movement Joint Tie) <small>(04 01 20 41-0165)</small>		
04 01 20 41-0169 EA 6mm Diameter, 400mm Length, 316 Stainless Steel Helical Pin, Movement Joint Tie With De-Bond Sleeve (Helifix® Movement Joint Tie)	53.04	
<i>For Up To 10, Add</i>	43.01	
<i>For >10 To 50, Add</i>	21.51	
04 01 20 41-0170 Unit Masonry Stabilization <small>(04 01 20 41)</small>		
04 01 20 41-0171 Repair Bulging Or Loose Masonry <small>(04 01 20 41-0170)</small>		
04 01 20 41-0172 SF Repair Bulging Or Loose Masonry Using Existing Masonry	82.26	
Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and reinstalling brick and mortar.		
04 01 20 41-0173 SF Repair Bulging Or Loose Masonry Using New Masonry	88.84	
Note: Includes saw cutting, toothing, removing loose masonry, installing anchor and installing new brick and mortar.		
04 01 20 51 Unit Masonry Maintenance <small>(04 01 20)</small>		
04 01 20 51-0001 Grind Unit Masonry <small>(04 01 20 51)</small>		
04 01 20 51-0002 SF Grind Smooth Masonry Wall	3.88	
04 01 20 91 Unit Masonry Restoration <small>(04 01 20)</small>		
04 01 20 91-0001 Cut And Repoint Masonry <small>(04 01 20 91)</small>		
Note: Remove existing mortar to 3/4" depth. Repoint with pointing mortar. Includes pointing mortar, cutting, rinsing and cleaning joint.		

04	Masonry
04 01	Maintenance of Masonry
04 01 20	Maintenance of Unit Masonry

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 01 20 91-0002	SF		Cut And Repoint, Hard Mortar, Running Bond, Brick.....	10.75	
			<i>For Common Bond, Add</i>	0.40	
			<i>For Flemish Bond, Add</i>	1.41	
			<i>For English Bond, Add</i>	2.32	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-1.61	
			<i>For >250 To 1,000, Deduct</i>	-0.50	
			<i>For >1,000, Deduct</i>	-1.04	
04 01 20 91-0003	SF		Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Brick	7.51	
			<i>For Common Bond, Add</i>	0.27	
			<i>For Flemish Bond, Add</i>	0.96	
			<i>For English Bond, Add</i>	1.57	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-1.13	
			<i>For >250 To 1,000, Deduct</i>	-0.34	
			<i>For >1,000, Deduct</i>	-0.72	
04 01 20 91-0004	SF		Cut And Repoint, Hard Mortar, Running Bond, Concrete Block.....	5.47	
			<i>For Common Bond, Add</i>	0.19	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.82	
			<i>For >250 To 1,000, Deduct</i>	-0.24	
			<i>For >1,000, Deduct</i>	-0.51	
04 01 20 91-0005	SF		Cut And Repoint, Soft, Loose Or Crumbling Mortar, Running Bond, Concrete Block	3.95	
			<i>For Common Bond, Add</i>	0.13	
			<i>For Oversized Or Larger Than Standard, Deduct</i>	-0.59	
			<i>For >250 To 1,000, Deduct</i>	-0.16	
			<i>For >1,000, Deduct</i>	-0.36	
04 01 20 91-0006	LF		Cut And Repoint Brick/Block, Irregular Shapes And Other Than Complete SF Area.....	3.39	
04 01 20 91-0007			Repair Masonry <small>(04 01 20 91)</small>		
			Note: Includes mortar for repair.		
04 01 20 91-0008	SF		Patch And Repair Terra Cotta Walls Or Coping.....	19.85	
			Note: Including Replacement Of Damaged Material		
04 01 20 91-0009	SF		Patch And Repair Terra Cotta Floors.....	18.50	
			Note: Including Replacement Of Damaged Material		
04 01 20 91-0010	LF		Chip And Repair With Masonry Patch, Cracks Up To 1/4"	4.94	
04 01 20 91-0011	SF		Patching Over Masonry Surface With Elastomeric Paint Using A Trowel 6" Blade.....	7.39	
04 01 20 91-0012	LF		Up To 1/4" Wide, Water Activated Polyurethane Foam Grout, Non-Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (SealBoss 1570)	32.85	
			<i>For Cracks Accessible From Both Sides, Add</i>	6.68	
04 01 20 91-0013	LF		Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Structural Crack Repair For Masonry, Installed With Automated Injection Equipment (Sikadur® 52).....	28.78	
			<i>For Cracks Accessible From Both Sides, Add</i>	6.68	
04 01 20 91-0014	LF		Up To 1/4" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied Trowel (Sikadur® 52).....	7.66	
			<i>For V-Grooving Crack With Grinder, Add</i>	5.41	
04 01 20 91-0015	LF		>1/4" To 1/2" Wide, Moisture Tolerant, Low Viscosity, High Strength Epoxy Resin, Gravity Fed Structural Crack Repair For Masonry, Surface Applied With Trowel (Sikadur® 52).....	10.40	
			<i>For V-Grooving Crack With Grinder, Add</i>	5.14	
04 01 50			Maintenance of Refractory Masonry <small>(04 01)</small>		
04 01 50 52			Refractory Masonry Cleaning <small>(04 01 50)</small>		
04 01 50 52-0001			Chimney Cleaning <small>(04 01 50 52)</small>		
04 01 50 52-0002	LF		Up To 2 SF Cross Section Chimney Cleaning	6.58	
04 01 50 52-0003	LF		>2 To 4 SF Cross Section Chimney Cleaning.....	13.15	
04 01 50 52-0004	LF		>4 SF Cross Section Chimney Cleaning.....	19.73	
04 05			Common Work Results for Masonry <small>(04)</small>		
04 05 13			Masonry Mortaring <small>(04 05)</small>		
04 05 13 26			Engineered Masonry Mortaring <small>(04 05 13)</small>		
			Note: Mortar, sand and standard supplements are included in the cost of brick, block, stone, simulated or synthetic masonry units.		
04 05 13 26-0001			Masonry Cement Mortar <small>(04 05 13 26)</small>		
			Note: Ratio is bag material to sand.		
04 05 13 26-0002	CF		Type M Masonry Cement 1:1:6 Mix	8.21	
04 05 13 26-0003	CF		Type N Masonry Cement 1:3 Mix	7.58	
04 05 13 26-0004	CF		Type O Masonry Cement 1:3 Mix	7.78	
04 05 13 26-0005	CF		Type PM Masonry Cement 1:1:6 Mix, 2,500 PSI	8.51	
04 05 13 26-0006	CF		Type S Masonry Cement 1/2:1:4 Mix.....	8.98	
04 05 13 26-0007			Mortar Admixture <small>(04 05 13 26)</small>		
04 05 13 26-0008	CF		Water - Repellent Stearate - Cost Based On CF Of Mortar	0.35	
04 05 13 26-0009	CF		Pozzolanic Plasticizers - Cost Based On CF Of Mortar	0.07	
04 05 13 26-0010			Color Admixtures For Mortar <small>(04 05 13 26)</small>		
			Note: Costs are based on CF of mortar.		
04 05 13 26-0011	CF		Buff Colored Admixture.....	2.23	
04 05 13 26-0012	CF		Brown Colored Admixture	2.53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 13 26-0013 CF Black Colored Admixture	3.13	
04 05 13 26-0014 CF Red Colored Admixture	6.86	
04 05 13 26-0015 Portland Cement (04 05 13 26)		
04 05 13 26-0016 CF Normal Portland Cement (Type I)	11.89	
04 05 13 26-0017 CF Modified Portland Cement (Type II)	5.93	
04 05 13 26-0018 CF High Early Strength Portland Cement (Type III)	6.29	
04 05 13 26-0019 CF White Non-Staining Portland Cement (Type I)	13.17	
04 05 16 Masonry Grouting (04 05)		
04 05 16 26 Engineered Masonry Grouting (04 05 16)		
Note: Excludes reinforcement.		
04 05 16 26-0001 Grout Bond Beams And Lintels, Grout Fill (04 05 16 26)		
Note: Excludes block.		
04 05 16 26-0002 LF Grout Bond Beams And Lintels - 6" Block, Grout Fill Only, 0.1125 CF/LF, 8" Deep	4.39	
04 05 16 26-0003 LF Grout Bond Beams And Lintels - 8" Block, Grout Fill Only, 0.20 CF/LF, 8" Deep	4.77	
04 05 16 26-0004 LF Grout Bond Beams And Lintels - 10" Block, Grout Fill Only, 0.25 CF/LF, 8" Deep	5.30	
04 05 16 26-0005 LF Grout Bond Beams And Lintels, 12" Block, Grout Fill Only, 0.30 CF/LF, 8" Deep	5.89	
04 05 16 26-0006 Grout Concrete Block Cores, Grout Fill (04 05 16 26)		
Note: Per SF of face area filled.		
04 05 16 26-0007 SF Grout Concrete Block Cores- 4" Block, Grout Fill Block Solid (0.067 CF/SF)	3.49	
04 05 16 26-0008 SF Grout Concrete Block Cores- 6" Block, Grout Fill Block Solid (0.175 CF/SF)	4.99	
04 05 16 26-0009 SF Grout Concrete Block Cores- 8" Block, Grout Fill Block Solid (0.258 CF/SF)	7.12	
04 05 16 26-0010 SF Grout Concrete Block Cores- 10" Block, Grout Fill Block Solid (0.34 CF/SF)	8.71	
04 05 16 26-0011 SF Grout Concrete Block Cores- 12" Block, Grout Fill Block Solid (0.422 CF/SF)	10.28	
04 05 16 26-0012 Grout Cavity Walls, Grout Fill (04 05 16 26)		
Note: Per SF of face area filled.		
04 05 16 26-0013 SF Grout Cavity Walls - 2" Space, Grout Fill (0.167 CF/SF)	4.01	
04 05 16 26-0014 SF Grout Cavity Walls - 3" Space, Grout Fill (0.250 CF/SF)	5.64	
04 05 16 26-0015 SF Grout Cavity Walls - 4" Space, Grout Fill (0.333 CF/SF)	7.07	
04 05 16 26-0016 SF Grout Cavity Walls - 6" Space, Grout Fill (0.500 CF/SF)	9.53	
04 05 16 26-0017 Grout Frames, Grout Fill (04 05 16 26)		
04 05 16 26-0018 LF Grout Door Frames - Grout Fill	6.25	
04 05 16 26-0019 LF Grout Window Frames - Grout Fill	5.35	
04 05 16 26-0020 Sand Filled Walls (04 05 16 26)		
04 05 16 26-0021 Sand Fill Cavity Walls, Sand Fill (04 05 16 26-0020)		
Note: Per SF of face area filled.		
04 05 16 26-0022 SF Sand Fill Cavity Walls - 2" Space, Sand Fill (0.167 CF/SF)	3.45	
04 05 16 26-0023 SF Sand Fill Cavity Walls - 3" Space, Sand Fill (0.250 CF/SF)	4.76	
04 05 16 26-0024 SF Sand Fill Cavity Walls - 4" Space, Sand Fill (0.333 CF/SF)	5.85	
04 05 16 26-0025 SF Sand Fill Cavity Walls - 6" Space, Sand Fill (0.500 CF/SF)	7.78	
04 05 19 Masonry Anchorage and Reinforcing (04 05)		
04 05 19 13 Continuous Joint Reinforcing (04 05 19)		
Note: Includes cutting and bending.		
04 05 19 13-0001 Continuous Joint Reinforcing (04 05 19 13)		
04 05 19 13-0002 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0001)		
04 05 19 13-0003 Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0002)		
04 05 19 13-0004 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement (04 05 19 13-0003)		
04 05 19 13-0005 CLF #4 (For 4" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	62.34	
For Hot-Dipped Galvanized, Add	10.12	
For Stainless Steel, Add	40.46	
04 05 19 13-0006 CLF #6 (For 6" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	66.24	
For Hot-Dipped Galvanized, Add	10.63	
For Stainless Steel, Add	42.50	
04 05 19 13-0007 CLF #8 (For 8" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	71.48	
For Hot-Dipped Galvanized, Add	11.20	
For Stainless Steel, Add	44.80	
04 05 19 13-0008 CLF #10 (For 10" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	77.69	
For Hot-Dipped Galvanized, Add	11.85	
For Stainless Steel, Add	47.40	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0009	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	84.96	
		<i>For Hot-Dipped Galvanized, Add</i>	12.49	
		<i>For Stainless Steel, Add</i>	49.94	
04 05 19 13-0010	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	90.37	
		<i>For Hot-Dipped Galvanized, Add</i>	12.80	
		<i>For Stainless Steel, Add</i>	51.18	
04 05 19 13-0011	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	94.32	
		<i>For Hot-Dipped Galvanized, Add</i>	13.15	
		<i>For Stainless Steel, Add</i>	52.60	
04 05 19 13-0012	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	108.49	
		<i>For Hot-Dipped Galvanized, Add</i>	18.08	
		<i>For Stainless Steel, Add</i>	72.30	
04 05 19 13-0013	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	132.54	
		<i>For Hot-Dipped Galvanized, Add</i>	27.94	
		<i>For Stainless Steel, Add</i>	111.76	
04 05 19 13-0014		Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0015	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	73.55	
		<i>For Hot-Dipped Galvanized, Add</i>	15.72	
		<i>For Stainless Steel, Add</i>	62.88	
04 05 19 13-0016	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	77.58	
		<i>For Hot-Dipped Galvanized, Add</i>	16.30	
		<i>For Stainless Steel, Add</i>	65.18	
04 05 19 13-0017	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	82.94	
		<i>For Hot-Dipped Galvanized, Add</i>	16.93	
		<i>For Stainless Steel, Add</i>	67.72	
04 05 19 13-0018	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	89.03	
		<i>For Hot-Dipped Galvanized, Add</i>	17.52	
		<i>For Stainless Steel, Add</i>	70.08	
04 05 19 13-0019	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	96.27	
		<i>For Hot-Dipped Galvanized, Add</i>	18.14	
		<i>For Stainless Steel, Add</i>	72.56	
04 05 19 13-0020	CLF	#13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	101.73	
		<i>For Hot-Dipped Galvanized, Add</i>	18.48	
		<i>For Stainless Steel, Add</i>	73.92	
04 05 19 13-0021	CLF	#14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	105.61	
		<i>For Hot-Dipped Galvanized, Add</i>	18.79	
		<i>For Stainless Steel, Add</i>	75.16	
04 05 19 13-0022	CLF	#16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	123.39	
		<i>For Hot-Dipped Galvanized, Add</i>	25.53	
		<i>For Stainless Steel, Add</i>	102.12	
04 05 19 13-0023	CLF	#18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	158.12	
		<i>For Hot-Dipped Galvanized, Add</i>	40.74	
		<i>For Stainless Steel, Add</i>	162.94	
04 05 19 13-0024		Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0025	CLF	#4 (For 4" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	84.43	
		<i>For Hot-Dipped Galvanized, Add</i>	21.16	
		<i>For Stainless Steel, Add</i>	84.64	
04 05 19 13-0026	CLF	#6 (For 6" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	90.00	
		<i>For Hot-Dipped Galvanized, Add</i>	22.32	
		<i>For Stainless Steel, Add</i>	89.28	
04 05 19 13-0027	CLF	#8 (For 8" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	95.55	
		<i>For Hot-Dipped Galvanized, Add</i>	23.48	
		<i>For Stainless Steel, Add</i>	93.92	
04 05 19 13-0028	CLF	#10 (For 10" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	103.74	
		<i>For Hot-Dipped Galvanized, Add</i>	24.88	
		<i>For Stainless Steel, Add</i>	99.50	
04 05 19 13-0029	CLF	#12 (For 12" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	111.90	
		<i>For Hot-Dipped Galvanized, Add</i>	26.26	
		<i>For Stainless Steel, Add</i>	105.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0030 CLF #13 (For 13" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	118.78	
<i>For Hot-Dipped Galvanized, Add</i>	27.00	
<i>For Stainless Steel, Add</i>	107.98	
04 05 19 13-0031 CLF #14 (For 14" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	122.75	
<i>For Hot-Dipped Galvanized, Add</i>	27.63	
<i>For Stainless Steel, Add</i>	110.52	
04 05 19 13-0032 CLF #16 (For 16" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	130.15	
<i>For Hot-Dipped Galvanized, Add</i>	28.91	
<i>For Stainless Steel, Add</i>	115.62	
04 05 19 13-0033 CLF #18 (For 18" Walls), Mill Galvanized, Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	172.70	
<i>For Hot-Dipped Galvanized, Add</i>	48.02	
<i>For Stainless Steel, Add</i>	192.06	
04 05 19 13-0034 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0035 CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	88.16	
<i>For Hot-Dipped Galvanized, Add</i>	23.03	
<i>For Stainless Steel, Add</i>	92.10	
04 05 19 13-0036 CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	92.05	
<i>For Hot-Dipped Galvanized, Add</i>	23.53	
<i>For Stainless Steel, Add</i>	94.12	
04 05 19 13-0037 CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	97.29	
<i>For Hot-Dipped Galvanized, Add</i>	24.11	
<i>For Stainless Steel, Add</i>	96.42	
04 05 19 13-0038 CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.50	
<i>For Hot-Dipped Galvanized, Add</i>	24.76	
<i>For Stainless Steel, Add</i>	99.02	
04 05 19 13-0039 CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.77	
<i>For Hot-Dipped Galvanized, Add</i>	25.39	
<i>For Stainless Steel, Add</i>	101.54	
04 05 19 13-0040 CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	116.18	
<i>For Hot-Dipped Galvanized, Add</i>	25.70	
<i>For Stainless Steel, Add</i>	102.78	
04 05 19 13-0041 CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	120.11	
<i>For Hot-Dipped Galvanized, Add</i>	26.05	
<i>For Stainless Steel, Add</i>	104.20	
04 05 19 13-0042 CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	134.30	
<i>For Hot-Dipped Galvanized, Add</i>	30.98	
<i>For Stainless Steel, Add</i>	123.92	
04 05 19 13-0043 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0044 CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	99.38	
<i>For Hot-Dipped Galvanized, Add</i>	28.64	
<i>For Stainless Steel, Add</i>	114.54	
04 05 19 13-0045 CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	103.41	
<i>For Hot-Dipped Galvanized, Add</i>	29.21	
<i>For Stainless Steel, Add</i>	116.84	
04 05 19 13-0046 CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	108.76	
<i>For Hot-Dipped Galvanized, Add</i>	29.84	
<i>For Stainless Steel, Add</i>	119.36	
04 05 19 13-0047 CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	114.85	
<i>For Hot-Dipped Galvanized, Add</i>	30.43	
<i>For Stainless Steel, Add</i>	121.72	
04 05 19 13-0048 CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	122.10	
<i>For Hot-Dipped Galvanized, Add</i>	31.05	
<i>For Stainless Steel, Add</i>	124.20	
04 05 19 13-0049 CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	127.55	
<i>For Hot-Dipped Galvanized, Add</i>	31.39	
<i>For Stainless Steel, Add</i>	125.56	
04 05 19 13-0050 CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	131.42	
<i>For Hot-Dipped Galvanized, Add</i>	31.70	
<i>For Stainless Steel, Add</i>	126.80	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0051	CLF		#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	149.21	
			<i>For Hot-Dipped Galvanized, Add</i>	38.44	
			<i>For Stainless Steel, Add</i>	153.76	
04 05 19 13-0052	CLF		#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	183.94	
			<i>For Hot-Dipped Galvanized, Add</i>	53.65	
			<i>For Stainless Steel, Add</i>	214.60	
04 05 19 13-0053			Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0054	CLF		#4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	110.23	
			<i>For Hot-Dipped Galvanized, Add</i>	34.06	
			<i>For Stainless Steel, Add</i>	136.24	
04 05 19 13-0055	CLF		#6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	115.81	
			<i>For Hot-Dipped Galvanized, Add</i>	35.23	
			<i>For Stainless Steel, Add</i>	140.90	
04 05 19 13-0056	CLF		#8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	121.37	
			<i>For Hot-Dipped Galvanized, Add</i>	36.39	
			<i>For Stainless Steel, Add</i>	145.56	
04 05 19 13-0057	CLF		#10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	129.55	
			<i>For Hot-Dipped Galvanized, Add</i>	37.78	
			<i>For Stainless Steel, Add</i>	151.12	
04 05 19 13-0058	CLF		#12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	137.72	
			<i>For Hot-Dipped Galvanized, Add</i>	39.17	
			<i>For Stainless Steel, Add</i>	156.66	
04 05 19 13-0059	CLF		#13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	144.60	
			<i>For Hot-Dipped Galvanized, Add</i>	39.91	
			<i>For Stainless Steel, Add</i>	159.62	
04 05 19 13-0060	CLF		#14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	148.56	
			<i>For Hot-Dipped Galvanized, Add</i>	40.54	
			<i>For Stainless Steel, Add</i>	162.14	
04 05 19 13-0061	CLF		#16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	155.95	
			<i>For Hot-Dipped Galvanized, Add</i>	41.81	
			<i>For Stainless Steel, Add</i>	167.22	
04 05 19 13-0062	CLF		#18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement	198.52	
			<i>For Hot-Dipped Galvanized, Add</i>	60.93	
			<i>For Stainless Steel, Add</i>	243.70	
04 05 19 13-0063			Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0064	CLF		#4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	113.98	
			<i>For Hot-Dipped Galvanized, Add</i>	35.94	
			<i>For Stainless Steel, Add</i>	143.74	
04 05 19 13-0065	CLF		#6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	117.86	
			<i>For Hot-Dipped Galvanized, Add</i>	36.44	
			<i>For Stainless Steel, Add</i>	145.74	
04 05 19 13-0066	CLF		#8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	123.10	
			<i>For Hot-Dipped Galvanized, Add</i>	37.01	
			<i>For Stainless Steel, Add</i>	148.04	
04 05 19 13-0067	CLF		#10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	129.31	
			<i>For Hot-Dipped Galvanized, Add</i>	37.66	
			<i>For Stainless Steel, Add</i>	150.64	
04 05 19 13-0068	CLF		#12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	136.59	
			<i>For Hot-Dipped Galvanized, Add</i>	38.30	
			<i>For Stainless Steel, Add</i>	153.18	
04 05 19 13-0069	CLF		#13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	142.00	
			<i>For Hot-Dipped Galvanized, Add</i>	38.61	
			<i>For Stainless Steel, Add</i>	154.42	
04 05 19 13-0070	CLF		#14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	145.93	
			<i>For Hot-Dipped Galvanized, Add</i>	38.96	
			<i>For Stainless Steel, Add</i>	155.84	
04 05 19 13-0071	CLF		#16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement	160.11	
			<i>For Hot-Dipped Galvanized, Add</i>	43.89	
			<i>For Stainless Steel, Add</i>	175.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0072 CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	184.16	
<i>For Hot-Dipped Galvanized, Add</i>	53.76	
<i>For Stainless Steel, Add</i>	215.02	
04 05 19 13-0073 Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0074 CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	125.19	
<i>For Hot-Dipped Galvanized, Add</i>	41.54	
<i>For Stainless Steel, Add</i>	166.16	
04 05 19 13-0075 CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	129.22	
<i>For Hot-Dipped Galvanized, Add</i>	42.12	
<i>For Stainless Steel, Add</i>	168.46	
04 05 19 13-0076 CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	134.58	
<i>For Hot-Dipped Galvanized, Add</i>	42.75	
<i>For Stainless Steel, Add</i>	171.00	
04 05 19 13-0077 CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, Four-Wire, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	140.67	
<i>For Hot-Dipped Galvanized, Add</i>	43.34	
<i>For Stainless Steel, Add</i>	173.36	
04 05 19 13-0078 CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	147.92	
<i>For Hot-Dipped Galvanized, Add</i>	43.96	
<i>For Stainless Steel, Add</i>	175.84	
04 05 19 13-0079 CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	153.37	
<i>For Hot-Dipped Galvanized, Add</i>	44.30	
<i>For Stainless Steel, Add</i>	177.20	
04 05 19 13-0080 CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	157.24	
<i>For Hot-Dipped Galvanized, Add</i>	44.61	
<i>For Stainless Steel, Add</i>	178.44	
04 05 19 13-0081 CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	175.03	
<i>For Hot-Dipped Galvanized, Add</i>	51.35	
<i>For Stainless Steel, Add</i>	205.40	
04 05 19 13-0082 CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	209.76	
<i>For Hot-Dipped Galvanized, Add</i>	66.56	
<i>For Stainless Steel, Add</i>	266.24	
04 05 19 13-0083 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0003)</small>		
04 05 19 13-0084 CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	136.05	
<i>For Hot-Dipped Galvanized, Add</i>	46.97	
<i>For Stainless Steel, Add</i>	187.88	
04 05 19 13-0085 CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	141.63	
<i>For Hot-Dipped Galvanized, Add</i>	48.14	
<i>For Stainless Steel, Add</i>	192.54	
04 05 19 13-0086 CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	147.19	
<i>For Hot-Dipped Galvanized, Add</i>	49.30	
<i>For Stainless Steel, Add</i>	197.20	
04 05 19 13-0087 CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	155.36	
<i>For Hot-Dipped Galvanized, Add</i>	50.69	
<i>For Stainless Steel, Add</i>	202.74	
04 05 19 13-0088 CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	163.54	
<i>For Hot-Dipped Galvanized, Add</i>	52.08	
<i>For Stainless Steel, Add</i>	208.30	
04 05 19 13-0089 CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	170.41	
<i>For Hot-Dipped Galvanized, Add</i>	52.81	
<i>For Stainless Steel, Add</i>	211.24	
04 05 19 13-0090 CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	174.38	
<i>For Hot-Dipped Galvanized, Add</i>	53.45	
<i>For Stainless Steel, Add</i>	213.78	
04 05 19 13-0091 CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	181.77	
<i>For Hot-Dipped Galvanized, Add</i>	54.72	
<i>For Stainless Steel, Add</i>	218.86	
04 05 19 13-0092 CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type, Masonry Wall Reinforcement.....	224.33	
<i>For Hot-Dipped Galvanized, Add</i>	73.83	
<i>For Stainless Steel, Add</i>	295.32	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
04 05 19 13-0093		Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0094		9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0093)</small>		
04 05 19 13-0095	CLF	#8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	89.06	
		<i>For Hot-Dipped Galvanized, Add</i>	17.20	
		<i>For Stainless Steel, Add</i>	68.78	
04 05 19 13-0096	CLF	#10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	98.29	
		<i>For Hot-Dipped Galvanized, Add</i>	18.78	
		<i>For Stainless Steel, Add</i>	75.10	
04 05 19 13-0097	CLF	#12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	107.14	
		<i>For Hot-Dipped Galvanized, Add</i>	20.17	
		<i>For Stainless Steel, Add</i>	80.66	
04 05 19 13-0098	CLF	#13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	114.82	
		<i>For Hot-Dipped Galvanized, Add</i>	20.97	
		<i>For Stainless Steel, Add</i>	83.88	
04 05 19 13-0099	CLF	#14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	119.36	
		<i>For Hot-Dipped Galvanized, Add</i>	21.72	
		<i>For Stainless Steel, Add</i>	86.86	
04 05 19 13-0100	CLF	#16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.14	
		<i>For Hot-Dipped Galvanized, Add</i>	23.38	
		<i>For Stainless Steel, Add</i>	93.50	
04 05 19 13-0101	CLF	#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	135.72	
		<i>For Hot-Dipped Galvanized, Add</i>	24.74	
		<i>For Stainless Steel, Add</i>	98.94	
04 05 19 13-0102		3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0093)</small>		
04 05 19 13-0103	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	103.03	
		<i>For Hot-Dipped Galvanized, Add</i>	24.18	
		<i>For Stainless Steel, Add</i>	96.72	
04 05 19 13-0104	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	112.29	
		<i>For Hot-Dipped Galvanized, Add</i>	25.78	
		<i>For Stainless Steel, Add</i>	103.10	
04 05 19 13-0105	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	120.99	
		<i>For Hot-Dipped Galvanized, Add</i>	27.09	
		<i>For Stainless Steel, Add</i>	108.36	
04 05 19 13-0106	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	128.83	
		<i>For Hot-Dipped Galvanized, Add</i>	27.98	
		<i>For Stainless Steel, Add</i>	111.90	
04 05 19 13-0107	CLF	#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	133.33	
		<i>For Hot-Dipped Galvanized, Add</i>	28.70	
		<i>For Stainless Steel, Add</i>	114.80	
04 05 19 13-0108	CLF	#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	142.11	
		<i>For Hot-Dipped Galvanized, Add</i>	30.36	
		<i>For Stainless Steel, Add</i>	121.44	
04 05 19 13-0109	CLF	#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	149.88	
		<i>For Hot-Dipped Galvanized, Add</i>	31.82	
		<i>For Stainless Steel, Add</i>	127.26	
04 05 19 13-0110		3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement <small>(04 05 19 13-0093)</small>		
04 05 19 13-0111	CLF	#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	109.81	
		<i>For Hot-Dipped Galvanized, Add</i>	27.57	
		<i>For Stainless Steel, Add</i>	110.28	
04 05 19 13-0112	CLF	#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	120.68	
		<i>For Hot-Dipped Galvanized, Add</i>	29.97	
		<i>For Stainless Steel, Add</i>	119.88	
04 05 19 13-0113	CLF	#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	131.46	
		<i>For Hot-Dipped Galvanized, Add</i>	32.33	
		<i>For Stainless Steel, Add</i>	129.30	
04 05 19 13-0114	CLF	#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	140.04	
		<i>For Hot-Dipped Galvanized, Add</i>	33.58	
		<i>For Stainless Steel, Add</i>	134.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0115 CLF #14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	145.38	
<i>For Hot-Dipped Galvanized, Add</i>	34.73	
<i>For Stainless Steel, Add</i>	138.90	
04 05 19 13-0116 CLF #16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	155.74	
<i>For Hot-Dipped Galvanized, Add</i>	37.18	
<i>For Stainless Steel, Add</i>	148.70	
04 05 19 13-0117 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Tabs, Masonry Wall Reinforcement	165.40	
<i>For Hot-Dipped Galvanized, Add</i>	39.58	
<i>For Stainless Steel, Add</i>	158.30	
04 05 19 13-0118 Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0119 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0120 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	126.66	
<i>For Hot-Dipped Galvanized, Add</i>	36.00	
<i>For Stainless Steel, Add</i>	143.98	
04 05 19 13-0121 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	134.93	
<i>For Hot-Dipped Galvanized, Add</i>	37.10	
<i>For Stainless Steel, Add</i>	148.38	
04 05 19 13-0122 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	143.23	
<i>For Hot-Dipped Galvanized, Add</i>	38.21	
<i>For Stainless Steel, Add</i>	152.84	
04 05 19 13-0123 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	154.83	
<i>For Hot-Dipped Galvanized, Add</i>	39.45	
<i>For Stainless Steel, Add</i>	157.80	
04 05 19 13-0124 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	162.77	
<i>For Hot-Dipped Galvanized, Add</i>	40.69	
<i>For Stainless Steel, Add</i>	162.76	
04 05 19 13-0125 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	171.41	
<i>For Hot-Dipped Galvanized, Add</i>	42.58	
<i>For Stainless Steel, Add</i>	170.32	
04 05 19 13-0126 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0127 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	148.56	
<i>For Hot-Dipped Galvanized, Add</i>	46.95	
<i>For Stainless Steel, Add</i>	187.78	
04 05 19 13-0128 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	156.87	
<i>For Hot-Dipped Galvanized, Add</i>	48.07	
<i>For Stainless Steel, Add</i>	192.26	
04 05 19 13-0129 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	165.44	
<i>For Hot-Dipped Galvanized, Add</i>	49.32	
<i>For Stainless Steel, Add</i>	197.26	
04 05 19 13-0130 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	176.76	
<i>For Hot-Dipped Galvanized, Add</i>	50.42	
<i>For Stainless Steel, Add</i>	201.66	
04 05 19 13-0131 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	184.73	
<i>For Hot-Dipped Galvanized, Add</i>	51.67	
<i>For Stainless Steel, Add</i>	206.68	
04 05 19 13-0132 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	192.10	
<i>For Hot-Dipped Galvanized, Add</i>	52.93	
<i>For Stainless Steel, Add</i>	211.70	
04 05 19 13-0133 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0118)</small>		
04 05 19 13-0134 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	150.18	
<i>For Hot-Dipped Galvanized, Add</i>	47.76	
<i>For Stainless Steel, Add</i>	191.02	
04 05 19 13-0135 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	159.68	
<i>For Hot-Dipped Galvanized, Add</i>	49.47	
<i>For Stainless Steel, Add</i>	197.88	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0136	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	169.16	
			<i>For Hot-Dipped Galvanized, Add</i>	51.18	
			<i>For Stainless Steel, Add</i>	204.70	
04 05 19 13-0137	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	182.40	
			<i>For Hot-Dipped Galvanized, Add</i>	53.24	
			<i>For Stainless Steel, Add</i>	212.94	
04 05 19 13-0138	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	191.95	
			<i>For Hot-Dipped Galvanized, Add</i>	55.28	
			<i>For Stainless Steel, Add</i>	221.12	
04 05 19 13-0139	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	200.87	
			<i>For Hot-Dipped Galvanized, Add</i>	57.31	
			<i>For Stainless Steel, Add</i>	229.24	
04 05 19 13-0140			Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0141			9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0142	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	136.82	
			<i>For Hot-Dipped Galvanized, Add</i>	38.04	
			<i>For Stainless Steel, Add</i>	152.16	
04 05 19 13-0143	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	145.06	
			<i>For Hot-Dipped Galvanized, Add</i>	39.13	
			<i>For Stainless Steel, Add</i>	156.50	
04 05 19 13-0144	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	156.35	
			<i>For Hot-Dipped Galvanized, Add</i>	40.21	
			<i>For Stainless Steel, Add</i>	160.84	
04 05 19 13-0145	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	164.38	
			<i>For Hot-Dipped Galvanized, Add</i>	41.50	
			<i>For Stainless Steel, Add</i>	165.98	
04 05 19 13-0146	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.72	
			<i>For Hot-Dipped Galvanized, Add</i>	42.74	
			<i>For Stainless Steel, Add</i>	170.94	
04 05 19 13-0147	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	180.09	
			<i>For Hot-Dipped Galvanized, Add</i>	45.23	
			<i>For Stainless Steel, Add</i>	180.92	
04 05 19 13-0148			3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0149	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	158.75	
			<i>For Hot-Dipped Galvanized, Add</i>	49.01	
			<i>For Stainless Steel, Add</i>	196.02	
04 05 19 13-0150	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	167.02	
			<i>For Hot-Dipped Galvanized, Add</i>	50.11	
			<i>For Stainless Steel, Add</i>	200.42	
04 05 19 13-0151	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	178.62	
			<i>For Hot-Dipped Galvanized, Add</i>	51.35	
			<i>For Stainless Steel, Add</i>	205.38	
04 05 19 13-0152	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	186.28	
			<i>For Hot-Dipped Galvanized, Add</i>	52.45	
			<i>For Stainless Steel, Add</i>	209.78	
04 05 19 13-0153	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	193.65	
			<i>For Hot-Dipped Galvanized, Add</i>	53.70	
			<i>For Stainless Steel, Add</i>	214.80	
04 05 19 13-0154	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	202.30	
			<i>For Hot-Dipped Galvanized, Add</i>	56.34	
			<i>For Stainless Steel, Add</i>	225.34	
04 05 19 13-0155			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0140)</small>		
04 05 19 13-0156	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	160.30	
			<i>For Hot-Dipped Galvanized, Add</i>	49.78	
			<i>For Stainless Steel, Add</i>	199.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0157 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	169.81	
<i>For Hot-Dipped Galvanized, Add</i>	51.50	
<i>For Stainless Steel, Add</i>	206.00	
04 05 19 13-0158 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	182.40	
<i>For Hot-Dipped Galvanized, Add</i>	53.24	
<i>For Stainless Steel, Add</i>	212.94	
04 05 19 13-0159 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	191.95	
<i>For Hot-Dipped Galvanized, Add</i>	55.28	
<i>For Stainless Steel, Add</i>	221.12	
04 05 19 13-0160 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	200.87	
<i>For Hot-Dipped Galvanized, Add</i>	57.31	
<i>For Stainless Steel, Add</i>	229.24	
04 05 19 13-0161 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	210.07	
<i>For Hot-Dipped Galvanized, Add</i>	60.22	
<i>For Stainless Steel, Add</i>	240.88	
 04 05 19 13-0162 Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0002)		
 04 05 19 13-0163 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0162)		
04 05 19 13-0164 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	129.60	
<i>For Hot-Dipped Galvanized, Add</i>	34.43	
<i>For Stainless Steel, Add</i>	137.72	
<i>For Seismic Hook And Eye, Add</i>	14.80	
04 05 19 13-0165 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	137.47	
<i>For Hot-Dipped Galvanized, Add</i>	35.33	
<i>For Stainless Steel, Add</i>	141.32	
<i>For Seismic Hook And Eye, Add</i>	15.19	
04 05 19 13-0166 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	148.51	
<i>For Hot-Dipped Galvanized, Add</i>	36.29	
<i>For Stainless Steel, Add</i>	145.16	
<i>For Seismic Hook And Eye, Add</i>	15.60	
04 05 19 13-0167 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	156.02	
<i>For Hot-Dipped Galvanized, Add</i>	37.32	
<i>For Stainless Steel, Add</i>	149.26	
<i>For Seismic Hook And Eye, Add</i>	16.05	
04 05 19 13-0168 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	163.01	
<i>For Hot-Dipped Galvanized, Add</i>	38.38	
<i>For Stainless Steel, Add</i>	153.52	
<i>For Seismic Hook And Eye, Add</i>	16.50	
04 05 19 13-0169 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	168.31	
<i>For Hot-Dipped Galvanized, Add</i>	39.34	
<i>For Stainless Steel, Add</i>	157.36	
<i>For Seismic Hook And Eye, Add</i>	16.92	
 04 05 19 13-0170 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement (04 05 19 13-0162)		
04 05 19 13-0171 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	150.17	
<i>For Hot-Dipped Galvanized, Add</i>	44.72	
<i>For Stainless Steel, Add</i>	178.86	
<i>For Seismic Hook And Eye, Add</i>	19.23	
04 05 19 13-0172 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	157.64	
<i>For Hot-Dipped Galvanized, Add</i>	45.42	
<i>For Stainless Steel, Add</i>	181.66	
<i>For Seismic Hook And Eye, Add</i>	19.53	
04 05 19 13-0173 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	168.74	
<i>For Hot-Dipped Galvanized, Add</i>	46.41	
<i>For Stainless Steel, Add</i>	185.62	
<i>For Seismic Hook And Eye, Add</i>	19.95	
04 05 19 13-0174 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	176.12	
<i>For Hot-Dipped Galvanized, Add</i>	47.37	
<i>For Stainless Steel, Add</i>	189.46	
<i>For Seismic Hook And Eye, Add</i>	20.37	
04 05 19 13-0175 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	182.90	
<i>For Hot-Dipped Galvanized, Add</i>	48.33	
<i>For Stainless Steel, Add</i>	193.30	
<i>For Seismic Hook And Eye, Add</i>	20.78	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0176	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	190.43	
			<i>For Hot-Dipped Galvanized, Add</i>	50.40	
			<i>For Stainless Steel, Add</i>	201.60	
			<i>For Seismic Hook And Eye, Add</i>	21.67	
04 05 19 13-0177			3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0162)</small>		
04 05 19 13-0178	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	151.69	
			<i>For Hot-Dipped Galvanized, Add</i>	45.48	
			<i>For Stainless Steel, Add</i>	181.90	
			<i>For Seismic Hook And Eye, Add</i>	19.55	
04 05 19 13-0179	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	161.05	
			<i>For Hot-Dipped Galvanized, Add</i>	47.12	
			<i>For Stainless Steel, Add</i>	188.48	
			<i>For Seismic Hook And Eye, Add</i>	20.26	
04 05 19 13-0180	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	173.42	
			<i>For Hot-Dipped Galvanized, Add</i>	48.75	
			<i>For Stainless Steel, Add</i>	194.98	
			<i>For Seismic Hook And Eye, Add</i>	20.96	
04 05 19 13-0181	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	182.78	
			<i>For Hot-Dipped Galvanized, Add</i>	50.70	
			<i>For Stainless Steel, Add</i>	202.78	
			<i>For Seismic Hook And Eye, Add</i>	21.80	
04 05 19 13-0182	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	191.54	
			<i>For Hot-Dipped Galvanized, Add</i>	52.65	
			<i>For Stainless Steel, Add</i>	210.58	
			<i>For Seismic Hook And Eye, Add</i>	22.64	
04 05 19 13-0183	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	198.80	
			<i>For Hot-Dipped Galvanized, Add</i>	54.59	
			<i>For Stainless Steel, Add</i>	218.34	
			<i>For Seismic Hook And Eye, Add</i>	23.47	
04 05 19 13-0184			Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0002)</small>		
04 05 19 13-0185			9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>		
04 05 19 13-0186	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	139.76	
			<i>For Hot-Dipped Galvanized, Add</i>	36.48	
			<i>For Stainless Steel, Add</i>	145.90	
			<i>For Seismic Hook And Eye, Add</i>	15.68	
04 05 19 13-0187	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	150.65	
			<i>For Hot-Dipped Galvanized, Add</i>	37.36	
			<i>For Stainless Steel, Add</i>	149.44	
			<i>For Seismic Hook And Eye, Add</i>	16.06	
04 05 19 13-0188	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	157.88	
			<i>For Hot-Dipped Galvanized, Add</i>	38.25	
			<i>For Stainless Steel, Add</i>	152.98	
			<i>For Seismic Hook And Eye, Add</i>	16.45	
04 05 19 13-0189	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	165.00	
			<i>For Hot-Dipped Galvanized, Add</i>	39.38	
			<i>For Stainless Steel, Add</i>	157.50	
			<i>For Seismic Hook And Eye, Add</i>	16.93	
04 05 19 13-0190	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	170.42	
			<i>For Hot-Dipped Galvanized, Add</i>	40.40	
			<i>For Stainless Steel, Add</i>	161.58	
			<i>For Seismic Hook And Eye, Add</i>	17.37	
04 05 19 13-0191			3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>		
04 05 19 13-0192	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	159.59	
			<i>For Hot-Dipped Galvanized, Add</i>	46.39	
			<i>For Stainless Steel, Add</i>	185.56	
			<i>For Seismic Hook And Eye, Add</i>	19.95	
04 05 19 13-0193	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	170.63	
			<i>For Hot-Dipped Galvanized, Add</i>	47.35	
			<i>For Stainless Steel, Add</i>	189.40	
			<i>For Seismic Hook And Eye, Add</i>	20.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0194 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	178.13	
<i>For Hot-Dipped Galvanized, Add</i>	48.37	
<i>For Stainless Steel, Add</i>	193.48	
<i>For Seismic Hook And Eye, Add</i>	20.80	
04 05 19 13-0195 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	184.64	
<i>For Hot-Dipped Galvanized, Add</i>	49.20	
<i>For Stainless Steel, Add</i>	196.78	
<i>For Seismic Hook And Eye, Add</i>	21.15	
04 05 19 13-0196 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	190.25	
<i>For Hot-Dipped Galvanized, Add</i>	50.31	
<i>For Stainless Steel, Add</i>	201.24	
<i>For Seismic Hook And Eye, Add</i>	21.63	
04 05 19 13-0197 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0184)</small>		
04 05 19 13-0198 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	161.63	
<i>For Hot-Dipped Galvanized, Add</i>	47.41	
<i>For Stainless Steel, Add</i>	189.64	
<i>For Seismic Hook And Eye, Add</i>	20.39	
04 05 19 13-0199 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	174.04	
<i>For Hot-Dipped Galvanized, Add</i>	49.06	
<i>For Stainless Steel, Add</i>	196.22	
<i>For Seismic Hook And Eye, Add</i>	21.09	
04 05 19 13-0200 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	182.78	
<i>For Hot-Dipped Galvanized, Add</i>	50.70	
<i>For Stainless Steel, Add</i>	202.78	
<i>For Seismic Hook And Eye, Add</i>	21.80	
04 05 19 13-0201 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	191.54	
<i>For Hot-Dipped Galvanized, Add</i>	52.65	
<i>For Stainless Steel, Add</i>	210.58	
<i>For Seismic Hook And Eye, Add</i>	22.64	
04 05 19 13-0202 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Ladder-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	198.80	
<i>For Hot-Dipped Galvanized, Add</i>	54.59	
<i>For Stainless Steel, Add</i>	218.34	
<i>For Seismic Hook And Eye, Add</i>	23.47	
04 05 19 13-0203 Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0001)</small>		
04 05 19 13-0204 Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0205 Two-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0206 CLF #4 (For 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	70.80	
<i>For Hot-Dipped Galvanized, Add</i>	14.35	
<i>For Stainless Steel, Add</i>	57.38	
04 05 19 13-0207 CLF #6 (For 6" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	73.99	
<i>For Hot-Dipped Galvanized, Add</i>	14.50	
<i>For Stainless Steel, Add</i>	58.00	
04 05 19 13-0208 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	79.22	
<i>For Hot-Dipped Galvanized, Add</i>	15.07	
<i>For Stainless Steel, Add</i>	60.28	
04 05 19 13-0209 CLF #10 (For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	85.62	
<i>For Hot-Dipped Galvanized, Add</i>	15.82	
<i>For Stainless Steel, Add</i>	63.26	
04 05 19 13-0210 CLF #12 (For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	93.29	
<i>For Hot-Dipped Galvanized, Add</i>	16.65	
<i>For Stainless Steel, Add</i>	66.60	
04 05 19 13-0211 CLF #13 (For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	98.98	
<i>For Hot-Dipped Galvanized, Add</i>	17.10	
<i>For Stainless Steel, Add</i>	68.40	
04 05 19 13-0212 CLF #14 (For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	102.99	
<i>For Hot-Dipped Galvanized, Add</i>	17.75	
<i>For Stainless Steel, Add</i>	71.00	
04 05 19 13-0213 CLF #16 (For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement.....	122.20	
<i>For Hot-Dipped Galvanized, Add</i>	24.94	
<i>For Stainless Steel, Add</i>	99.74	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0214	CLF		#18 (For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.37	
			<i>For Hot-Dipped Galvanized, Add</i>	26.36	
			<i>For Stainless Steel, Add</i>	105.44	
04 05 19 13-0215	CLF		#20 (For 20" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	173.26	
			<i>For Hot-Dipped Galvanized, Add</i>	45.60	
			<i>For Stainless Steel, Add</i>	182.40	
04 05 19 13-0216			Two-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0217	CLF		#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	81.89	
			<i>For Hot-Dipped Galvanized, Add</i>	19.89	
			<i>For Stainless Steel, Add</i>	79.56	
04 05 19 13-0218	CLF		#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	85.32	
			<i>For Hot-Dipped Galvanized, Add</i>	20.17	
			<i>For Stainless Steel, Add</i>	80.66	
04 05 19 13-0219	CLF		#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	90.56	
			<i>For Hot-Dipped Galvanized, Add</i>	20.74	
			<i>For Stainless Steel, Add</i>	82.96	
04 05 19 13-0220	CLF		#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	96.93	
			<i>For Hot-Dipped Galvanized, Add</i>	21.47	
			<i>For Stainless Steel, Add</i>	85.88	
04 05 19 13-0221	CLF		#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	104.44	
			<i>For Hot-Dipped Galvanized, Add</i>	22.23	
			<i>For Stainless Steel, Add</i>	88.90	
04 05 19 13-0222	CLF		#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.28	
			<i>For Hot-Dipped Galvanized, Add</i>	22.76	
			<i>For Stainless Steel, Add</i>	91.02	
04 05 19 13-0223	CLF		#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.11	
			<i>For Hot-Dipped Galvanized, Add</i>	23.31	
			<i>For Stainless Steel, Add</i>	93.24	
04 05 19 13-0224	CLF		#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.14	
			<i>For Hot-Dipped Galvanized, Add</i>	32.41	
			<i>For Stainless Steel, Add</i>	129.62	
04 05 19 13-0225	CLF		#18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.31	
			<i>For Hot-Dipped Galvanized, Add</i>	33.83	
			<i>For Stainless Steel, Add</i>	135.32	
04 05 19 13-0226	CLF		#20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	204.47	
			<i>For Hot-Dipped Galvanized, Add</i>	63.91	
			<i>For Stainless Steel, Add</i>	255.64	
04 05 19 13-0227			Two-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0228	CLF		#4 (For 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	98.86	
			<i>For Hot-Dipped Galvanized, Add</i>	28.38	
			<i>For Stainless Steel, Add</i>	113.50	
04 05 19 13-0229	CLF		#6 (For 6" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	102.82	
			<i>For Hot-Dipped Galvanized, Add</i>	28.73	
			<i>For Stainless Steel, Add</i>	114.92	
04 05 19 13-0230	CLF		#8 (For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.16	
			<i>For Hot-Dipped Galvanized, Add</i>	29.79	
			<i>For Stainless Steel, Add</i>	119.14	
04 05 19 13-0231	CLF		#10 (For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.44	
			<i>For Hot-Dipped Galvanized, Add</i>	31.23	
			<i>For Stainless Steel, Add</i>	124.90	
04 05 19 13-0232	CLF		#12 (For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.44	
			<i>For Hot-Dipped Galvanized, Add</i>	33.03	
			<i>For Stainless Steel, Add</i>	132.10	
04 05 19 13-0233	CLF		#13 (For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	132.48	
			<i>For Hot-Dipped Galvanized, Add</i>	33.85	
			<i>For Stainless Steel, Add</i>	135.38	
04 05 19 13-0234	CLF		#14 (For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.62	
			<i>For Hot-Dipped Galvanized, Add</i>	35.07	
			<i>For Stainless Steel, Add</i>	140.26	
04 05 19 13-0235	CLF		#16 (For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.79	
			<i>For Hot-Dipped Galvanized, Add</i>	49.23	
			<i>For Stainless Steel, Add</i>	196.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0236 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	180.69	
<i>For Hot-Dipped Galvanized, Add</i>	52.01	
<i>For Stainless Steel, Add</i>	208.04	
04 05 19 13-0237 CLF #20 (For 20" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	261.92	
<i>For Hot-Dipped Galvanized, Add</i>	89.93	
<i>For Stainless Steel, Add</i>	359.72	
04 05 19 13-0238 Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0239 CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	88.16	
<i>For Hot-Dipped Galvanized, Add</i>	23.03	
<i>For Stainless Steel, Add</i>	92.10	
04 05 19 13-0240 CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	92.05	
<i>For Hot-Dipped Galvanized, Add</i>	23.53	
<i>For Stainless Steel, Add</i>	94.12	
04 05 19 13-0241 CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	97.29	
<i>For Hot-Dipped Galvanized, Add</i>	24.11	
<i>For Stainless Steel, Add</i>	96.42	
04 05 19 13-0242 CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.50	
<i>For Hot-Dipped Galvanized, Add</i>	24.76	
<i>For Stainless Steel, Add</i>	99.02	
04 05 19 13-0243 CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.77	
<i>For Hot-Dipped Galvanized, Add</i>	25.39	
<i>For Stainless Steel, Add</i>	101.54	
04 05 19 13-0244 CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	116.18	
<i>For Hot-Dipped Galvanized, Add</i>	25.70	
<i>For Stainless Steel, Add</i>	102.78	
04 05 19 13-0245 CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	120.11	
<i>For Hot-Dipped Galvanized, Add</i>	26.05	
<i>For Stainless Steel, Add</i>	104.20	
04 05 19 13-0246 CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.30	
<i>For Hot-Dipped Galvanized, Add</i>	30.98	
<i>For Stainless Steel, Add</i>	123.92	
04 05 19 13-0247 Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>		
04 05 19 13-0248 CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	99.38	
<i>For Hot-Dipped Galvanized, Add</i>	28.64	
<i>For Stainless Steel, Add</i>	114.54	
04 05 19 13-0249 CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	103.41	
<i>For Hot-Dipped Galvanized, Add</i>	29.21	
<i>For Stainless Steel, Add</i>	116.84	
04 05 19 13-0250 CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	108.76	
<i>For Hot-Dipped Galvanized, Add</i>	29.84	
<i>For Stainless Steel, Add</i>	119.36	
04 05 19 13-0251 CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	114.85	
<i>For Hot-Dipped Galvanized, Add</i>	30.43	
<i>For Stainless Steel, Add</i>	121.72	
04 05 19 13-0252 CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	122.10	
<i>For Hot-Dipped Galvanized, Add</i>	31.05	
<i>For Stainless Steel, Add</i>	124.20	
04 05 19 13-0253 CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	127.55	
<i>For Hot-Dipped Galvanized, Add</i>	31.39	
<i>For Stainless Steel, Add</i>	125.56	
04 05 19 13-0254 CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	131.42	
<i>For Hot-Dipped Galvanized, Add</i>	31.70	
<i>For Stainless Steel, Add</i>	126.80	
04 05 19 13-0255 CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	149.21	
<i>For Hot-Dipped Galvanized, Add</i>	38.44	
<i>For Stainless Steel, Add</i>	153.76	
04 05 19 13-0256 CLF #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	183.94	
<i>For Hot-Dipped Galvanized, Add</i>	53.65	
<i>For Stainless Steel, Add</i>	214.60	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 13-0257	Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>	
04 05 19 13-0258	CLF #4 (For 4" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	110.23
	<i>For Hot-Dipped Galvanized, Add</i>	34.06
	<i>For Stainless Steel, Add</i>	136.24
04 05 19 13-0259	CLF #6 (For 6" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	115.81
	<i>For Hot-Dipped Galvanized, Add</i>	35.23
	<i>For Stainless Steel, Add</i>	140.90
04 05 19 13-0260	CLF #8 (For 8" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	121.37
	<i>For Hot-Dipped Galvanized, Add</i>	36.39
	<i>For Stainless Steel, Add</i>	145.56
04 05 19 13-0261	CLF #10 (For 10" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.55
	<i>For Hot-Dipped Galvanized, Add</i>	37.78
	<i>For Stainless Steel, Add</i>	151.12
04 05 19 13-0262	CLF #12 (For 12" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	137.72
	<i>For Hot-Dipped Galvanized, Add</i>	39.17
	<i>For Stainless Steel, Add</i>	156.66
04 05 19 13-0263	CLF #13 (For 13" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	144.60
	<i>For Hot-Dipped Galvanized, Add</i>	39.91
	<i>For Stainless Steel, Add</i>	159.62
04 05 19 13-0264	CLF #14 (For 14" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	148.56
	<i>For Hot-Dipped Galvanized, Add</i>	40.54
	<i>For Stainless Steel, Add</i>	162.14
04 05 19 13-0265	CLF #16 (For 16" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.95
	<i>For Hot-Dipped Galvanized, Add</i>	41.81
	<i>For Stainless Steel, Add</i>	167.22
04 05 19 13-0266	CLF #18 (For 18" Walls), Mill Galvanized, Three-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	198.52
	<i>For Hot-Dipped Galvanized, Add</i>	60.93
	<i>For Stainless Steel, Add</i>	243.70
04 05 19 13-0267	Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>	
04 05 19 13-0268	CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	113.98
	<i>For Hot-Dipped Galvanized, Add</i>	35.94
	<i>For Stainless Steel, Add</i>	143.74
04 05 19 13-0269	CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	117.86
	<i>For Hot-Dipped Galvanized, Add</i>	36.44
	<i>For Stainless Steel, Add</i>	145.74
04 05 19 13-0270	CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	123.10
	<i>For Hot-Dipped Galvanized, Add</i>	37.01
	<i>For Stainless Steel, Add</i>	148.04
04 05 19 13-0271	CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.31
	<i>For Hot-Dipped Galvanized, Add</i>	37.66
	<i>For Stainless Steel, Add</i>	150.64
04 05 19 13-0272	CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.59
	<i>For Hot-Dipped Galvanized, Add</i>	38.30
	<i>For Stainless Steel, Add</i>	153.18
04 05 19 13-0273	CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	142.00
	<i>For Hot-Dipped Galvanized, Add</i>	38.61
	<i>For Stainless Steel, Add</i>	154.42
04 05 19 13-0274	CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	145.93
	<i>For Hot-Dipped Galvanized, Add</i>	38.96
	<i>For Stainless Steel, Add</i>	155.84
04 05 19 13-0275	CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	160.11
	<i>For Hot-Dipped Galvanized, Add</i>	43.89
	<i>For Stainless Steel, Add</i>	175.54
04 05 19 13-0276	CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	184.16
	<i>For Hot-Dipped Galvanized, Add</i>	53.76
	<i>For Stainless Steel, Add</i>	215.02
04 05 19 13-0277	Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement <small>(04 05 19 13-0204)</small>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0278 CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	125.19	
<i>For Hot-Dipped Galvanized, Add</i>	41.54	
<i>For Stainless Steel, Add</i>	166.16	
04 05 19 13-0279 CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	129.22	
<i>For Hot-Dipped Galvanized, Add</i>	42.12	
<i>For Stainless Steel, Add</i>	168.46	
04 05 19 13-0280 CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	134.58	
<i>For Hot-Dipped Galvanized, Add</i>	42.75	
<i>For Stainless Steel, Add</i>	171.00	
04 05 19 13-0281 CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	140.67	
<i>For Hot-Dipped Galvanized, Add</i>	43.34	
<i>For Stainless Steel, Add</i>	173.36	
04 05 19 13-0282 CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.92	
<i>For Hot-Dipped Galvanized, Add</i>	43.96	
<i>For Stainless Steel, Add</i>	175.84	
04 05 19 13-0283 CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	153.37	
<i>For Hot-Dipped Galvanized, Add</i>	44.30	
<i>For Stainless Steel, Add</i>	177.20	
04 05 19 13-0284 CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	157.24	
<i>For Hot-Dipped Galvanized, Add</i>	44.61	
<i>For Stainless Steel, Add</i>	178.44	
04 05 19 13-0285 CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	175.03	
<i>For Hot-Dipped Galvanized, Add</i>	51.35	
<i>For Stainless Steel, Add</i>	205.40	
04 05 19 13-0286 CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type, Masonry Wall Reinforcement	209.76	
<i>For Hot-Dipped Galvanized, Add</i>	66.56	
<i>For Stainless Steel, Add</i>	266.24	
04 05 19 13-0287 Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement		
<small>(04 05 19 13-0204)</small>		
04 05 19 13-0288 CLF #4 (For 4" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	136.05	
<i>For Hot-Dipped Galvanized, Add</i>	46.97	
<i>For Stainless Steel, Add</i>	187.88	
04 05 19 13-0289 CLF #6 (For 6" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	141.63	
<i>For Hot-Dipped Galvanized, Add</i>	48.14	
<i>For Stainless Steel, Add</i>	192.54	
04 05 19 13-0290 CLF #8 (For 8" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	147.19	
<i>For Hot-Dipped Galvanized, Add</i>	49.30	
<i>For Stainless Steel, Add</i>	197.20	
04 05 19 13-0291 CLF #10 (For 10" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	155.36	
<i>For Hot-Dipped Galvanized, Add</i>	50.69	
<i>For Stainless Steel, Add</i>	202.74	
04 05 19 13-0292 CLF #12 (For 12" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	163.54	
<i>For Hot-Dipped Galvanized, Add</i>	52.08	
<i>For Stainless Steel, Add</i>	208.30	
04 05 19 13-0293 CLF #13 (For 13" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	170.41	
<i>For Hot-Dipped Galvanized, Add</i>	52.81	
<i>For Stainless Steel, Add</i>	211.24	
04 05 19 13-0294 CLF #14 (For 14" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	174.38	
<i>For Hot-Dipped Galvanized, Add</i>	53.45	
<i>For Stainless Steel, Add</i>	213.78	
04 05 19 13-0295 CLF #16 (For 16" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	181.77	
<i>For Hot-Dipped Galvanized, Add</i>	54.72	
<i>For Stainless Steel, Add</i>	218.86	
04 05 19 13-0296 CLF #18 (For 18" Walls), Mill Galvanized, Four-Wire, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type, Masonry Wall Reinforcement	224.33	
<i>For Hot-Dipped Galvanized, Add</i>	73.83	
<i>For Stainless Steel, Add</i>	295.32	
04 05 19 13-0297 Truss-Type With Tabs, Masonry Wall Reinforcement		
<small>(04 05 19 13-0203)</small>		
04 05 19 13-0298 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		
<small>(04 05 19 13-0297)</small>		
04 05 19 13-0299 CLF #8 (For 8" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	99.62	
<i>For Hot-Dipped Galvanized, Add</i>	22.48	
<i>For Stainless Steel, Add</i>	89.90	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0300	CLF	#10	(For 10" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	107.86	
			<i>For Hot-Dipped Galvanized, Add</i>	23.56	
			<i>For Stainless Steel, Add</i>	94.24	
04 05 19 13-0301	CLF	#12	(For 12" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	116.68	
			<i>For Hot-Dipped Galvanized, Add</i>	24.94	
			<i>For Stainless Steel, Add</i>	99.74	
04 05 19 13-0302	CLF	#13	(For 13" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	124.64	
			<i>For Hot-Dipped Galvanized, Add</i>	25.88	
			<i>For Stainless Steel, Add</i>	103.52	
04 05 19 13-0303	CLF	#14	(For 14" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	129.27	
			<i>For Hot-Dipped Galvanized, Add</i>	26.67	
			<i>For Stainless Steel, Add</i>	106.68	
04 05 19 13-0304	CLF	#16	(For 16" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	138.54	
			<i>For Hot-Dipped Galvanized, Add</i>	28.58	
			<i>For Stainless Steel, Add</i>	114.30	
04 05 19 13-0305	CLF	#18	(For 18" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	147.21	
			<i>For Hot-Dipped Galvanized, Add</i>	30.48	
			<i>For Stainless Steel, Add</i>	121.92	
04 05 19 13-0306			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		
			<small>(04 05 19 13-0297)</small>		
04 05 19 13-0307	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	113.62	
			<i>For Hot-Dipped Galvanized, Add</i>	29.48	
			<i>For Stainless Steel, Add</i>	117.90	
04 05 19 13-0308	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	121.89	
			<i>For Hot-Dipped Galvanized, Add</i>	30.58	
			<i>For Stainless Steel, Add</i>	122.30	
04 05 19 13-0309	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	130.66	
			<i>For Hot-Dipped Galvanized, Add</i>	31.93	
			<i>For Stainless Steel, Add</i>	127.70	
04 05 19 13-0310	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	138.65	
			<i>For Hot-Dipped Galvanized, Add</i>	32.89	
			<i>For Stainless Steel, Add</i>	131.54	
04 05 19 13-0311	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	143.18	
			<i>For Hot-Dipped Galvanized, Add</i>	33.63	
			<i>For Stainless Steel, Add</i>	134.50	
04 05 19 13-0312	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	152.48	
			<i>For Hot-Dipped Galvanized, Add</i>	35.55	
			<i>For Stainless Steel, Add</i>	142.18	
04 05 19 13-0313	CLF	#18	(For 18" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	161.22	
			<i>For Hot-Dipped Galvanized, Add</i>	37.49	
			<i>For Stainless Steel, Add</i>	149.94	
04 05 19 13-0314			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement		
			<small>(04 05 19 13-0297)</small>		
04 05 19 13-0315	CLF	#8	(For 8" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	126.60	
			<i>For Hot-Dipped Galvanized, Add</i>	35.97	
			<i>For Stainless Steel, Add</i>	143.86	
04 05 19 13-0316	CLF	#10	(For 10" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	136.08	
			<i>For Hot-Dipped Galvanized, Add</i>	37.67	
			<i>For Stainless Steel, Add</i>	150.68	
04 05 19 13-0317	CLF	#12	(For 12" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	146.83	
			<i>For Hot-Dipped Galvanized, Add</i>	40.01	
			<i>For Stainless Steel, Add</i>	160.04	
04 05 19 13-0318	CLF	#13	(For 13" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	155.44	
			<i>For Hot-Dipped Galvanized, Add</i>	41.28	
			<i>For Stainless Steel, Add</i>	165.12	
04 05 19 13-0319	CLF	#14	(For 14" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	161.03	
			<i>For Hot-Dipped Galvanized, Add</i>	42.55	
			<i>For Stainless Steel, Add</i>	170.20	
04 05 19 13-0320	CLF	#16	(For 16" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	172.22	
			<i>For Hot-Dipped Galvanized, Add</i>	45.42	
			<i>For Stainless Steel, Add</i>	181.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0321 CLF #18 (For 18" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Tabs, Masonry Wall Reinforcement	181.82	
<i>For Hot-Dipped Galvanized, Add</i>	47.79	
<i>For Stainless Steel, Add</i>	191.14	
04 05 19 13-0322 Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0323 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0324 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	143.27	
<i>For Hot-Dipped Galvanized, Add</i>	44.30	
<i>For Stainless Steel, Add</i>	177.20	
04 05 19 13-0325 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	149.96	
<i>For Hot-Dipped Galvanized, Add</i>	44.61	
<i>For Stainless Steel, Add</i>	178.44	
04 05 19 13-0326 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	158.20	
<i>For Hot-Dipped Galvanized, Add</i>	45.70	
<i>For Stainless Steel, Add</i>	182.78	
04 05 19 13-0327 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	170.20	
<i>For Hot-Dipped Galvanized, Add</i>	47.14	
<i>For Stainless Steel, Add</i>	188.54	
04 05 19 13-0328 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	179.06	
<i>For Hot-Dipped Galvanized, Add</i>	48.84	
<i>For Stainless Steel, Add</i>	195.34	
04 05 19 13-0329 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	188.08	
<i>For Hot-Dipped Galvanized, Add</i>	50.92	
<i>For Stainless Steel, Add</i>	203.66	
04 05 19 13-0330 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0331 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	164.92	
<i>For Hot-Dipped Galvanized, Add</i>	55.13	
<i>For Stainless Steel, Add</i>	220.50	
04 05 19 13-0332 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	171.92	
<i>For Hot-Dipped Galvanized, Add</i>	55.59	
<i>For Stainless Steel, Add</i>	222.36	
04 05 19 13-0333 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	180.16	
<i>For Hot-Dipped Galvanized, Add</i>	56.68	
<i>For Stainless Steel, Add</i>	226.70	
04 05 19 13-0334 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	192.10	
<i>For Hot-Dipped Galvanized, Add</i>	58.09	
<i>For Stainless Steel, Add</i>	232.34	
04 05 19 13-0335 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	200.69	
<i>For Hot-Dipped Galvanized, Add</i>	59.65	
<i>For Stainless Steel, Add</i>	238.60	
04 05 19 13-0336 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	208.71	
<i>For Hot-Dipped Galvanized, Add</i>	61.23	
<i>For Stainless Steel, Add</i>	244.92	
04 05 19 13-0337 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0322)</small>		
04 05 19 13-0338 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	176.79	
<i>For Hot-Dipped Galvanized, Add</i>	61.06	
<i>For Stainless Steel, Add</i>	244.24	
04 05 19 13-0339 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	183.79	
<i>For Hot-Dipped Galvanized, Add</i>	61.53	
<i>For Stainless Steel, Add</i>	246.10	
04 05 19 13-0340 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	193.26	
<i>For Hot-Dipped Galvanized, Add</i>	63.23	
<i>For Stainless Steel, Add</i>	252.90	
04 05 19 13-0341 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	206.84	
<i>For Hot-Dipped Galvanized, Add</i>	65.46	
<i>For Stainless Steel, Add</i>	261.82	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0342	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	217.94	
			<i>For Hot-Dipped Galvanized, Add</i>	68.28	
			<i>For Stainless Steel, Add</i>	273.10	
04 05 19 13-0343	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Composite Walls, Masonry Wall Reinforcement	229.06	
			<i>For Hot-Dipped Galvanized, Add</i>	71.41	
			<i>For Stainless Steel, Add</i>	285.62	
04 05 19 13-0344			Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0345			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0346	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	153.46	
			<i>For Hot-Dipped Galvanized, Add</i>	46.36	
			<i>For Stainless Steel, Add</i>	185.44	
04 05 19 13-0347	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	160.18	
			<i>For Hot-Dipped Galvanized, Add</i>	46.69	
			<i>For Stainless Steel, Add</i>	186.74	
04 05 19 13-0348	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	171.40	
			<i>For Hot-Dipped Galvanized, Add</i>	47.74	
			<i>For Stainless Steel, Add</i>	190.94	
04 05 19 13-0349	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	179.71	
			<i>For Hot-Dipped Galvanized, Add</i>	49.16	
			<i>For Stainless Steel, Add</i>	196.64	
04 05 19 13-0350	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	188.04	
			<i>For Hot-Dipped Galvanized, Add</i>	50.90	
			<i>For Stainless Steel, Add</i>	203.58	
04 05 19 13-0351	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	194.96	
			<i>For Hot-Dipped Galvanized, Add</i>	52.67	
			<i>For Stainless Steel, Add</i>	210.66	
04 05 19 13-0352			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0353	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	175.05	
			<i>For Hot-Dipped Galvanized, Add</i>	57.16	
			<i>For Stainless Steel, Add</i>	228.62	
04 05 19 13-0354	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	182.05	
			<i>For Hot-Dipped Galvanized, Add</i>	57.62	
			<i>For Stainless Steel, Add</i>	230.48	
04 05 19 13-0355	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	193.34	
			<i>For Hot-Dipped Galvanized, Add</i>	58.71	
			<i>For Stainless Steel, Add</i>	234.82	
04 05 19 13-0356	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	201.65	
			<i>For Hot-Dipped Galvanized, Add</i>	60.13	
			<i>For Stainless Steel, Add</i>	240.52	
04 05 19 13-0357	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	209.64	
			<i>For Hot-Dipped Galvanized, Add</i>	61.70	
			<i>For Stainless Steel, Add</i>	246.78	
04 05 19 13-0358	CLF	#20	(For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	216.73	
			<i>For Hot-Dipped Galvanized, Add</i>	63.55	
			<i>For Stainless Steel, Add</i>	254.20	
04 05 19 13-0359			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0344)</small>		
04 05 19 13-0360	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	186.94	
			<i>For Hot-Dipped Galvanized, Add</i>	63.10	
			<i>For Stainless Steel, Add</i>	252.40	
04 05 19 13-0361	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	193.91	
			<i>For Hot-Dipped Galvanized, Add</i>	63.55	
			<i>For Stainless Steel, Add</i>	254.20	
04 05 19 13-0362	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement	206.50	
			<i>For Hot-Dipped Galvanized, Add</i>	65.29	
			<i>For Stainless Steel, Add</i>	261.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0363 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	216.39	
<i>For Hot-Dipped Galvanized, Add</i>	67.50	
<i>For Stainless Steel, Add</i>	270.00	
04 05 19 13-0364 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	226.86	
<i>For Hot-Dipped Galvanized, Add</i>	70.31	
<i>For Stainless Steel, Add</i>	281.22	
04 05 19 13-0365 CLF #20 (For 14" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Adjustable Tabs For Cavity Walls, Masonry Wall Reinforcement.....	234.51	
<i>For Hot-Dipped Galvanized, Add</i>	72.44	
<i>For Stainless Steel, Add</i>	289.76	
 04 05 19 13-0366 Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0367 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0368 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	145.12	
<i>For Hot-Dipped Galvanized, Add</i>	42.19	
<i>For Stainless Steel, Add</i>	168.76	
<i>For Seismic Hook And Eye, Add</i>	18.14	
04 05 19 13-0369 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	151.78	
<i>For Hot-Dipped Galvanized, Add</i>	42.49	
<i>For Stainless Steel, Add</i>	169.94	
<i>For Seismic Hook And Eye, Add</i>	18.27	
04 05 19 13-0370 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	162.73	
<i>For Hot-Dipped Galvanized, Add</i>	43.40	
<i>For Stainless Steel, Add</i>	173.60	
<i>For Seismic Hook And Eye, Add</i>	18.66	
04 05 19 13-0371 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	170.82	
<i>For Hot-Dipped Galvanized, Add</i>	44.72	
<i>For Stainless Steel, Add</i>	178.86	
<i>For Seismic Hook And Eye, Add</i>	19.23	
04 05 19 13-0372 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	178.41	
<i>For Hot-Dipped Galvanized, Add</i>	46.08	
<i>For Stainless Steel, Add</i>	184.32	
<i>For Seismic Hook And Eye, Add</i>	19.81	
04 05 19 13-0373 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	185.14	
<i>For Hot-Dipped Galvanized, Add</i>	47.76	
<i>For Stainless Steel, Add</i>	191.02	
<i>For Seismic Hook And Eye, Add</i>	20.53	
 04 05 19 13-0374 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0375 CLF #8 (For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	165.01	
<i>For Hot-Dipped Galvanized, Add</i>	52.14	
<i>For Stainless Steel, Add</i>	208.54	
<i>For Seismic Hook And Eye, Add</i>	22.42	
04 05 19 13-0376 CLF #10 (For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	171.89	
<i>For Hot-Dipped Galvanized, Add</i>	52.54	
<i>For Stainless Steel, Add</i>	210.16	
<i>For Seismic Hook And Eye, Add</i>	22.59	
04 05 19 13-0377 CLF #12 (For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	182.68	
<i>For Hot-Dipped Galvanized, Add</i>	53.38	
<i>For Stainless Steel, Add</i>	213.50	
<i>For Seismic Hook And Eye, Add</i>	22.95	
04 05 19 13-0378 CLF #14 (For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	190.65	
<i>For Hot-Dipped Galvanized, Add</i>	54.63	
<i>For Stainless Steel, Add</i>	218.52	
<i>For Seismic Hook And Eye, Add</i>	23.49	
04 05 19 13-0379 CLF #16 (For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	198.21	
<i>For Hot-Dipped Galvanized, Add</i>	55.98	
<i>For Stainless Steel, Add</i>	223.92	
<i>For Seismic Hook And Eye, Add</i>	24.07	
04 05 19 13-0380 CLF #18 (For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement.....	204.56	
<i>For Hot-Dipped Galvanized, Add</i>	57.47	
<i>For Stainless Steel, Add</i>	229.86	
<i>For Seismic Hook And Eye, Add</i>	24.71	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0381			3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0366)</small>		
04 05 19 13-0382	CLF	#8	(For 4" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	177.03	
			<i>For Hot-Dipped Galvanized, Add</i>	58.15	
			<i>For Stainless Steel, Add</i>	232.58	
			<i>For Seismic Hook And Eye, Add</i>	25.00	
04 05 19 13-0383	CLF	#10	(For 6" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	184.00	
			<i>For Hot-Dipped Galvanized, Add</i>	58.60	
			<i>For Stainless Steel, Add</i>	234.38	
			<i>For Seismic Hook And Eye, Add</i>	25.20	
04 05 19 13-0384	CLF	#12	(For 8" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	196.37	
			<i>For Hot-Dipped Galvanized, Add</i>	60.22	
			<i>For Stainless Steel, Add</i>	240.88	
			<i>For Seismic Hook And Eye, Add</i>	25.89	
04 05 19 13-0385	CLF	#14	(For 10" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	206.08	
			<i>For Hot-Dipped Galvanized, Add</i>	62.35	
			<i>For Stainless Steel, Add</i>	249.38	
			<i>For Seismic Hook And Eye, Add</i>	26.81	
04 05 19 13-0386	CLF	#16	(For 12" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	216.30	
			<i>For Hot-Dipped Galvanized, Add</i>	65.03	
			<i>For Stainless Steel, Add</i>	260.10	
			<i>For Seismic Hook And Eye, Add</i>	27.96	
04 05 19 13-0387	CLF	#18	(For 14" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Composite Walls, Masonry Wall Reinforcement	225.62	
			<i>For Hot-Dipped Galvanized, Add</i>	68.00	
			<i>For Stainless Steel, Add</i>	271.98	
			<i>For Seismic Hook And Eye, Add</i>	29.24	
04 05 19 13-0388			Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0203)</small>		
04 05 19 13-0389			9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall <small>(04 05 19 13-0388)</small>		
04 05 19 13-0390	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	155.16	
			<i>For Hot-Dipped Galvanized, Add</i>	44.18	
			<i>For Stainless Steel, Add</i>	176.70	
			<i>For Seismic Hook And Eye, Add</i>	19.00	
04 05 19 13-0391	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	164.90	
			<i>For Hot-Dipped Galvanized, Add</i>	44.49	
			<i>For Stainless Steel, Add</i>	177.94	
			<i>For Seismic Hook And Eye, Add</i>	19.13	
04 05 19 13-0392	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	172.31	
			<i>For Hot-Dipped Galvanized, Add</i>	45.46	
			<i>For Stainless Steel, Add</i>	181.84	
			<i>For Seismic Hook And Eye, Add</i>	19.55	
04 05 19 13-0393	CLF	#16	(For 10" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	179.96	
			<i>For Hot-Dipped Galvanized, Add</i>	46.86	
			<i>For Stainless Steel, Add</i>	187.42	
			<i>For Seismic Hook And Eye, Add</i>	20.15	
04 05 19 13-0394	CLF	#18	(For 12" + 2" + 4" Walls), Mill Galvanized, 9 Gauge Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	186.56	
			<i>For Hot-Dipped Galvanized, Add</i>	48.47	
			<i>For Stainless Steel, Add</i>	193.86	
			<i>For Seismic Hook And Eye, Add</i>	20.84	
04 05 19 13-0395			3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0388)</small>		
04 05 19 13-0396	CLF	#10	(For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	176.60	
			<i>For Hot-Dipped Galvanized, Add</i>	54.90	
			<i>For Stainless Steel, Add</i>	219.58	
			<i>For Seismic Hook And Eye, Add</i>	23.60	
04 05 19 13-0397	CLF	#12	(For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	186.40	
			<i>For Hot-Dipped Galvanized, Add</i>	55.24	
			<i>For Stainless Steel, Add</i>	220.94	
			<i>For Seismic Hook And Eye, Add</i>	23.75	
04 05 19 13-0398	CLF	#14	(For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement	193.75	
			<i>For Hot-Dipped Galvanized, Add</i>	56.18	
			<i>For Stainless Steel, Add</i>	224.72	
			<i>For Seismic Hook And Eye, Add</i>	24.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 13-0399 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	201.15	
<i>For Hot-Dipped Galvanized, Add</i>	57.45	
<i>For Stainless Steel, Add</i>	229.80	
<i>For Seismic Hook And Eye, Add</i>	24.70	
04 05 19 13-0400 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 9 Gauge Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	207.13	
<i>For Hot-Dipped Galvanized, Add</i>	58.75	
<i>For Stainless Steel, Add</i>	235.00	
<i>For Seismic Hook And Eye, Add</i>	25.26	
04 05 19 13-0401 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement <small>(04 05 19 13-0388)</small>		
04 05 19 13-0402 CLF #10 (For 4" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	187.01	
<i>For Hot-Dipped Galvanized, Add</i>	60.10	
<i>For Stainless Steel, Add</i>	240.40	
<i>For Seismic Hook And Eye, Add</i>	25.84	
04 05 19 13-0403 CLF #12 (For 6" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	196.99	
<i>For Hot-Dipped Galvanized, Add</i>	60.53	
<i>For Stainless Steel, Add</i>	242.12	
<i>For Seismic Hook And Eye, Add</i>	26.03	
04 05 19 13-0404 CLF #14 (For 8" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	205.74	
<i>For Hot-Dipped Galvanized, Add</i>	62.18	
<i>For Stainless Steel, Add</i>	248.70	
<i>For Seismic Hook And Eye, Add</i>	26.74	
04 05 19 13-0405 CLF #16 (For 10" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	214.81	
<i>For Hot-Dipped Galvanized, Add</i>	64.28	
<i>For Stainless Steel, Add</i>	257.12	
<i>For Seismic Hook And Eye, Add</i>	27.64	
04 05 19 13-0406 CLF #18 (For 12" + 2" + 4" Walls), Mill Galvanized, 3/16" Side Rods, 3/16" Cross Rods, Truss-Type With Hook And Eye Ties For Cavity Walls, Masonry Wall Reinforcement.....	223.55	
<i>For Hot-Dipped Galvanized, Add</i>	66.96	
<i>For Stainless Steel, Add</i>	267.84	
<i>For Seismic Hook And Eye, Add</i>	28.79	
04 05 19 16 Masonry Anchors <small>(04 05 19)</small>		
04 05 19 16-0001 Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0002 Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16-0001)</small>		
04 05 19 16-0003 EA 2" Width x 4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.51	
04 05 19 16-0004 EA 2" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.62	
04 05 19 16-0005 EA 2" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.73	
04 05 19 16-0006 EA 2" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.86	
04 05 19 16-0007 EA 2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.99	
04 05 19 16-0008 EA 4" Width x 6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.73	
04 05 19 16-0009 EA 4" Width x 8" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.86	
04 05 19 16-0010 EA 4" Width x 10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.99	
04 05 19 16-0011 EA 4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Rectangular, Wire Masonry Wall Tie.....	2.12	
04 05 19 16-0012 Mill Galvanized, Rectangular, Wire Masonry Wall Ties <small>(04 05 19 16-0001)</small>		
04 05 19 16-0013 EA 2" Width x 4" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.32	
04 05 19 16-0014 EA 2" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.36	
04 05 19 16-0015 EA 2" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.41	
04 05 19 16-0016 EA 2" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.48	
04 05 19 16-0017 EA 2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.55	
04 05 19 16-0018 EA 4" Width x 6" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.41	
04 05 19 16-0019 EA 4" Width x 8" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.48	
04 05 19 16-0020 EA 4" Width x 10" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.55	
04 05 19 16-0021 EA 4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Rectangular, Wire Masonry Wall Tie.....	1.63	
04 05 19 16-0022 Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0023 Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16-0022)</small>		
04 05 19 16-0024 EA 6" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.32	
04 05 19 16-0025 EA 8" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.39	
04 05 19 16-0026 EA 10" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.58	
04 05 19 16-0027 EA 12" Length, 2" Bends, 3/16" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.67	
04 05 19 16-0028 EA 6" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.69	
04 05 19 16-0029 EA 8" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.81	
04 05 19 16-0030 EA 10" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.96	
04 05 19 16-0031 EA 12" Length, 2" Bends, 1/4" Diameter, Hot-Dipped Galvanized, Z-Type, Wire Masonry Wall Tie.....	2.05	
04 05 19 16-0032 Mill Galvanized, Z-Type, Wire Masonry Wall Ties <small>(04 05 19 16-0022)</small>		
04 05 19 16-0033 EA 6" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie.....	1.18	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0034	EA		8" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.20	
04 05 19 16-0035	EA		10" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.35	
04 05 19 16-0036	EA		12" Length, 2" Bends, 3/16" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.39	
04 05 19 16-0037	EA		6" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.40	
04 05 19 16-0038	EA		8" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.48	
04 05 19 16-0039	EA		10" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.55	
04 05 19 16-0040	EA		12" Length, 2" Bends, 1/4" Diameter, Mill Galvanized, Z-Type, Wire Masonry Wall Tie	1.65	
04 05 19 16-0041			Wire Beam Ties <small>(04 05 19 16)</small>		
04 05 19 16-0042			Hot-Dipped Galvanized, Wire Beam Ties <small>(04 05 19 16-0041)</small>		
04 05 19 16-0043	EA		2" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.85	
04 05 19 16-0044	EA		4" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.90	
04 05 19 16-0045	EA		6" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.94	
04 05 19 16-0046	EA		8" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	1.99	
04 05 19 16-0047	EA		10" Width x 12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Beam Tie	2.08	
04 05 19 16-0048			Mill Galvanized, Wire Beam Ties <small>(04 05 19 16-0041)</small>		
04 05 19 16-0049	EA		2" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.24	
04 05 19 16-0050	EA		4" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.35	
04 05 19 16-0051	EA		6" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.47	
04 05 19 16-0052	EA		8" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.52	
04 05 19 16-0053	EA		10" Width x 12" Length, 3/16" Diameter, Mill Galvanized, Wire Beam Tie	2.61	
04 05 19 16-0054			Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0055			Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>		
04 05 19 16-0056	EA		6" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.08	
04 05 19 16-0057	EA		7" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.18	
04 05 19 16-0058	EA		8" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.21	
04 05 19 16-0059	EA		9" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.30	
04 05 19 16-0060	EA		10" Total Length, 3/16" Diameter, Hot-Dipped Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	2.33	
04 05 19 16-0061			Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Ties <small>(04 05 19 16-0054)</small>		
04 05 19 16-0062	EA		6" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.73	
04 05 19 16-0063	EA		7" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.79	
04 05 19 16-0064	EA		8" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.82	
04 05 19 16-0065	EA		9" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.87	
04 05 19 16-0066	EA		10" Total Length, 3/16" Diameter, Mill Galvanized, Adjustable Double Pintle, Wire Masonry Wall Tie	1.89	
04 05 19 16-0067			Corrugated Buck (Brick) Anchors <small>(04 05 19 16)</small>		
04 05 19 16-0068			Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>		
04 05 19 16-0069	EA		3-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.57	
04 05 19 16-0070	EA		4-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.68	
04 05 19 16-0071	EA		5-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.78	
04 05 19 16-0072	EA		6-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.89	
04 05 19 16-0073	EA		7-1/2" Length, 1-1/4" Width, 16 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	3.00	
04 05 19 16-0074	EA		3-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.66	
04 05 19 16-0075	EA		4-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.78	
04 05 19 16-0076	EA		5-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	2.89	
04 05 19 16-0077	EA		6-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	3.01	
04 05 19 16-0078	EA		7-1/2" Length, 1-1/4" Width, 14 Gauge, Hot-Dipped Galvanized, Corrugated Buck (Brick) Anchor	3.13	
04 05 19 16-0079			Mill Galvanized, Corrugated Buck (Brick) Anchors <small>(04 05 19 16-0067)</small>		
04 05 19 16-0080	EA		3-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.19	
04 05 19 16-0081	EA		4-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.27	
04 05 19 16-0082	EA		5-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.34	
04 05 19 16-0083	EA		6-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.42	
04 05 19 16-0084	EA		7-1/2" Length, 1-1/4" Width, 16 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.50	
04 05 19 16-0085	EA		3-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.26	
04 05 19 16-0086	EA		4-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.34	
04 05 19 16-0087	EA		5-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.43	
04 05 19 16-0088	EA		6-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.51	
04 05 19 16-0089	EA		7-1/2" Length, 1-1/4" Width, 14 Gauge, Mill Galvanized, Corrugated Buck (Brick) Anchor	2.60	
04 05 19 16-0090			Corrugated Wall Ties <small>(04 05 19 16)</small>		
04 05 19 16-0091			Hot-Dipped Galvanized, Corrugated Wall Ties <small>(04 05 19 16-0090)</small>		
04 05 19 16-0092	EA		7/8" Width, 7" Length, 28 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.17	
04 05 19 16-0093	EA		7/8" Width, 7" Length, 26 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.26	
04 05 19 16-0094	EA		7/8" Width, 7" Length, 24 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.30	
04 05 19 16-0095	EA		7/8" Width, 7" Length, 22 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.33	
04 05 19 16-0096	EA		7/8" Width, 7" Length, 16 Gauge, Hot-Dipped Galvanized, Corrugated Wall Tie	1.63	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0097				Mill Galvanized, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0098	EA			7/8" Width, 7" Length, 26 Gauge, Mill Galvanized, Corrugated Wall Tie	1.21	
04 05 19 16-0099	EA			7/8" Width, 7" Length, 24 Gauge, Mill Galvanized, Corrugated Wall Tie	1.23	
04 05 19 16-0100	EA			7/8" Width, 7" Length, 22 Gauge, Mill Galvanized, Corrugated Wall Tie	1.26	
04 05 19 16-0101	EA			7/8" Width, 7" Length, 16 Gauge, Mill Galvanized, Corrugated Wall Tie	1.49	
04 05 19 16-0102				Stainless Steel, Corrugated Wall Ties (04 05 19 16-0090)		
04 05 19 16-0103	EA			7/8" Width, 7" Length, 28 Gauge, Stainless Steel, Corrugated Wall Tie	1.48	
04 05 19 16-0104	EA			7/8" Width, 7" Length, 26 Gauge, Stainless Steel, Corrugated Wall Tie	1.54	
04 05 19 16-0105	EA			7/8" Width, 7" Length, 24 Gauge, Stainless Steel, Corrugated Wall Tie	1.61	
04 05 19 16-0106	EA			7/8" Width, 7" Length, 22 Gauge, Stainless Steel, Corrugated Wall Tie	1.67	
04 05 19 16-0107	EA			7/8" Width, 7" Length, 16 Gauge, Stainless Steel, Corrugated Wall Tie	2.00	
04 05 19 16-0108				Wire Mesh Wall Ties (04 05 19 16)		
				Note: 1/2" square mesh.		
04 05 19 16-0109	EA			3" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	2.50	
04 05 19 16-0110	EA			3" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.08	
04 05 19 16-0111	EA			6" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	3.69	
04 05 19 16-0112	EA			6" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.80	
04 05 19 16-0113	EA			10" Width, 8" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	4.44	
04 05 19 16-0114	EA			10" Width, 12" Length, 16 Gauge, Hot-Dipped Galvanized, Wire Mesh Wall Tie	5.58	
04 05 19 16-0115				Triangle Brick Ties (04 05 19 16)		
04 05 19 16-0116				Hot-Dipped Galvanized, Triangle Brick Ties (04 05 19 16-0115)		
04 05 19 16-0117	EA			3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.19	
04 05 19 16-0118	EA			3-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.24	
04 05 19 16-0119	EA			4" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.29	
04 05 19 16-0120	EA			4-1/2" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.38	
04 05 19 16-0121	EA			5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.43	
04 05 19 16-0122	EA			6" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.58	
04 05 19 16-0123	EA			7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.68	
04 05 19 16-0124	EA			9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.91	
04 05 19 16-0125	EA			3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.68	
04 05 19 16-0126	EA			3-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.71	
04 05 19 16-0127	EA			4" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.75	
04 05 19 16-0128	EA			4-1/2" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.83	
04 05 19 16-0129	EA			5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	2.87	
04 05 19 16-0130	EA			6" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.01	
04 05 19 16-0131	EA			7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.09	
04 05 19 16-0132	EA			9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Triangle Brick Tie	3.33	
04 05 19 16-0133				Mill Galvanized, Triangle Brick Ties (04 05 19 16-0115)		
04 05 19 16-0134	EA			3" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.96	
04 05 19 16-0135	EA			3-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.97	
04 05 19 16-0136	EA			4" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	1.99	
04 05 19 16-0137	EA			4-1/2" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.06	
04 05 19 16-0138	EA			5" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.07	
04 05 19 16-0139	EA			6" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.17	
04 05 19 16-0140	EA			7" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.20	
04 05 19 16-0141	EA			9" Length, 3/16" Diameter, Mill Galvanized, Triangle Brick Tie	2.28	
04 05 19 16-0142	EA			3" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.24	
04 05 19 16-0143	EA			3-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.27	
04 05 19 16-0144	EA			4" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.30	
04 05 19 16-0145	EA			4-1/2" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.38	
04 05 19 16-0146	EA			5" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.40	
04 05 19 16-0147	EA			6" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.51	
04 05 19 16-0148	EA			7" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.56	
04 05 19 16-0149	EA			9" Length, 1/4" Diameter, Mill Galvanized, Triangle Brick Tie	2.70	
04 05 19 16-0150				Seismic Veneer Anchors (04 05 19 16)		
04 05 19 16-0151	EA			3-1/2" Length, 1-1/4" Width, Stainless Steel, Seismic Notch Veneer Anchor	6.23	
				Note: For horizontal wire attachment. Excludes wire.		
04 05 19 16-0152				Slip-Set, Joint Stabilization Anchors (04 05 19 16)		
				Note: For restraining lateral movement at control joints. Field bendable.		
04 05 19 16-0153	EA			9-5/8" Length, 1-5/8" Width, Mill Galvanized, Slip-Set, Joint Stabilization Anchor	8.08	
04 05 19 16-0154	EA			9-5/8" Length, 1-5/8" Width, Hot-Dipped Galvanized, Slip-Set, Joint Stabilization Anchor	8.78	
04 05 19 16-0155	EA			9-5/8" Length, 1-5/8" Width, Stainless Steel, Slip-Set, Joint Stabilization Anchor	6.23	
04 05 19 16-0156				Strap Partition Top Anchors (04 05 19 16)		
04 05 19 16-0157	EA			12 Gauge Strap, 3/8" Rod, Hot-Dipped Galvanized, Partition Top Anchor	4.55	
04 05 19 16-0158	EA			12 Gauge Strap, 3/8" Rod, Stainless Steel, Partition Top Anchor	6.55	

04 Masonry**04 05 Common Work Results for Masonry****04 05 19 Masonry Anchorage and Reinforcing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

04 05 19 16-0159		Rigid Partition Anchors <small>(04 05 19 16)</small>	
04 05 19 16-0160		Hot-Dipped Galvanized, Rigid Partition Anchors <small>(04 05 19 16-0159)</small>	
04 05 19 16-0161	EA	1" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.26
04 05 19 16-0162	EA	1-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.56
04 05 19 16-0163	EA	1-1/2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	3.93
04 05 19 16-0164	EA	1-3/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.27
04 05 19 16-0165	EA	2" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.60
04 05 19 16-0166	EA	2-1/4" Width, 8" Length, 1/8" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.94
04 05 19 16-0167	EA	1" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	4.61
04 05 19 16-0168	EA	1-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	5.68
04 05 19 16-0169	EA	1-1/2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	6.76
04 05 19 16-0170	EA	1-3/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	7.84
04 05 19 16-0171	EA	2" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	8.91
04 05 19 16-0172	EA	2-1/4" Width, 8" Length, 1/4" Thick, Hot-Dipped Galvanized, U Or Z Style, Rigid Partition Anchor	9.99
04 05 19 16-0173		Mill Galvanized, Rigid Partition Anchors <small>(04 05 19 16-0159)</small>	
04 05 19 16-0174	EA	1" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	2.96
04 05 19 16-0175	EA	1-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.22
04 05 19 16-0176	EA	1-1/2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.49
04 05 19 16-0177	EA	1-3/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	3.75
04 05 19 16-0178	EA	2" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	4.01
04 05 19 16-0179	EA	2-1/4" Width, 8" Length, 1/8" Thick, Mill Galvanized, U Or Z Style, Rigid Partition Anchor	4.27
04 05 19 16-0180		Screw-On Masonry Veneer Anchor Plates <small>(04 05 19 16)</small>	
04 05 19 16-0181	EA	12 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	2.08
04 05 19 16-0182	EA	14 Gauge, Hot-Dipped Galvanized, Screw-On Masonry Veneer Anchor Plate.....	2.20
04 05 19 16-0183		Wire Column Ties <small>(04 05 19 16)</small>	
04 05 19 16-0184		Hot-Dipped Galvanized, Wire Column Ties <small>(04 05 19 16-0183)</small>	
04 05 19 16-0185	EA	3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.55
04 05 19 16-0186	EA	5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.73
04 05 19 16-0187	EA	7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.86
04 05 19 16-0188	EA	9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.04
04 05 19 16-0189	EA	10" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.70
04 05 19 16-0190	EA	12" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.86
04 05 19 16-0191	EA	14" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	2.97
04 05 19 16-0192	EA	16" Length, 3/16" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.09
04 05 19 16-0193	EA	3" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.49
04 05 19 16-0194	EA	5" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.80
04 05 19 16-0195	EA	7" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.01
04 05 19 16-0196	EA	9" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.30
04 05 19 16-0197	EA	10" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	3.80
04 05 19 16-0198	EA	12" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.01
04 05 19 16-0199	EA	14" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.19
04 05 19 16-0200	EA	16" Length, 1/4" Diameter, Hot-Dipped Galvanized, Wire Column Tie	4.39
04 05 19 16-0201		Mill Galvanized, Wire Column Ties <small>(04 05 19 16-0183)</small>	
04 05 19 16-0202	EA	3" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.23
04 05 19 16-0203	EA	5" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.34
04 05 19 16-0204	EA	7" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.41
04 05 19 16-0205	EA	9" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.52
04 05 19 16-0206	EA	10" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.28
04 05 19 16-0207	EA	12" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.39
04 05 19 16-0208	EA	14" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.46
04 05 19 16-0209	EA	16" Length, 3/16" Diameter, Mill Galvanized, Wire Column Tie	2.55
04 05 19 16-0210	EA	3" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.93
04 05 19 16-0211	EA	5" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.13
04 05 19 16-0212	EA	7" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.22
04 05 19 16-0213	EA	9" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.42
04 05 19 16-0214	EA	10" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	2.84
04 05 19 16-0215	EA	12" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.18
04 05 19 16-0216	EA	14" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.31
04 05 19 16-0217	EA	16" Length, 1/4" Diameter, Mill Galvanized, Wire Column Tie	3.42
04 05 19 16-0218		Dovetail Anchors, Slots And Ties <small>(04 05 19 16)</small>	
04 05 19 16-0219		Dovetail Anchor Slots <small>(04 05 19 16-0218)</small>	
04 05 19 16-0220		Hot-Dipped Galvanized, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>	
04 05 19 16-0221	LF	24 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	4.62
04 05 19 16-0222	LF	22 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	5.15
04 05 19 16-0223	LF	20 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	5.46
04 05 19 16-0224	LF	18 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	5.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 19 16-0225 LF 16 Gauge, Hot-Dipped Galvanized, Dovetail Anchor Slot.....	5.97	
04 05 19 16-0226 Mill Galvanized, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>		
04 05 19 16-0227 LF 24 Gauge, Mill Galvanized, Dovetail Anchor Slot	3.57	
04 05 19 16-0228 LF 22 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.24	
04 05 19 16-0229 LF 20 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.39	
04 05 19 16-0230 LF 18 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.62	
04 05 19 16-0231 LF 16 Gauge, Mill Galvanized, Dovetail Anchor Slot	4.77	
04 05 19 16-0232 304 Stainless Steel, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>		
04 05 19 16-0233 LF 24 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	4.13	
04 05 19 16-0234 LF 22 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	4.57	
04 05 19 16-0235 LF 20 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	4.72	
04 05 19 16-0236 LF 18 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	5.22	
04 05 19 16-0237 LF 16 Gauge, 304 Stainless Steel, Dovetail Anchor Slot.....	5.70	
04 05 19 16-0238 316 Stainless Steel, Dovetail Anchor Slot <small>(04 05 19 16-0219)</small>		
04 05 19 16-0239 LF 24 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.47	
04 05 19 16-0240 LF 22 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	4.81	
04 05 19 16-0241 LF 20 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	5.14	
04 05 19 16-0242 LF 18 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	5.57	
04 05 19 16-0243 LF 16 Gauge, 316 Stainless Steel, Dovetail Anchor Slot.....	5.82	
04 05 19 16-0244 Dovetail Corrugated Brick Ties <small>(04 05 19 16-0218)</small>		
04 05 19 16-0245 Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie <small>(04 05 19 16-0244)</small>		
04 05 19 16-0246 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.56	
04 05 19 16-0247 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.73	
04 05 19 16-0248 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.90	
04 05 19 16-0249 EA 3-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.60	
04 05 19 16-0250 EA 5-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.92	
04 05 19 16-0251 EA 7-1/2" Length, 1" Width, 14 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	2.16	
04 05 19 16-0252 EA 3-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.69	
04 05 19 16-0253 EA 5-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	1.91	
04 05 19 16-0254 EA 7-1/2" Length, 1" Width, 12 Gauge, Hot-Dipped Galvanized, Dovetail Corrugated Brick Tie.....	2.13	
04 05 19 16-0255 Mill Galvanized, Dovetail Corrugated Brick Tie <small>(04 05 19 16-0244)</small>		
04 05 19 16-0256 EA 3-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.41	
04 05 19 16-0257 EA 5-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.51	
04 05 19 16-0258 EA 7-1/2" Length, 1" Width, 16 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.62	
04 05 19 16-0259 EA 3-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.49	
04 05 19 16-0260 EA 5-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.70	
04 05 19 16-0261 EA 7-1/2" Length, 1" Width, 14 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.87	
04 05 19 16-0262 EA 3-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.53	
04 05 19 16-0263 EA 5-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.78	
04 05 19 16-0264 EA 7-1/2" Length, 1" Width, 12 Gauge, Mill Galvanized, Dovetail Corrugated Brick Tie	1.95	
04 05 19 16-0265 Dovetail Stone Anchors <small>(04 05 19 16-0218)</small>		
04 05 19 16-0266 Hot-Dipped Galvanized, Dovetail Stone Anchors <small>(04 05 19 16-0265)</small>		
04 05 19 16-0267 EA 3-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	1.92	
04 05 19 16-0268 EA 5-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.09	
04 05 19 16-0269 EA 7-1/2" Length, 1" Width, 16 Gauge, Hot-Dipped Galvanized, Dovetail Stone Anchor.....	2.27	
04 05 19 16-0270 Dovetail Partition Top Anchors <small>(04 05 19 16-0218)</small>		
04 05 19 16-0271 EA 3/8" Rod, Hot-Dipped Galvanized, Dovetail Partition Top Anchor	4.73	
04 05 19 16-0272 EA 3/8" Rod, Stainless Steel, Dovetail Partition Top Anchor	7.06	
04 05 19 16-0273 Dovetail Flexible Triangle Brick Ties <small>(04 05 19 16-0218)</small>		
04 05 19 16-0274 Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Ties <small>(04 05 19 16-0273)</small>		
04 05 19 16-0275 EA 3" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.91	
04 05 19 16-0276 EA 5" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.14	
04 05 19 16-0277 EA 7" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.29	
04 05 19 16-0278 EA 9" Length, 3/16" Diameter, Hot-Dipped Galvanized, Dovetail Flexible Triangle Brick Tie.....	3.45	
04 05 19 16-0279 Mill Galvanized, Dovetail Flexible Triangle Brick Ties <small>(04 05 19 16-0273)</small>		
04 05 19 16-0280 EA 3" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.59	
04 05 19 16-0281 EA 5" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.61	
04 05 19 16-0282 EA 7" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.71	
04 05 19 16-0283 EA 9" Length, 3/16" Diameter, Mill Galvanized, Dovetail Flexible Triangle Brick Tie.....	2.96	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

04 05 19 26 Masonry Reinforcing Bars (04 05 19)

Note: Includes cutting and bending.

04 05 19 26-0001 Plain Steel Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0002	LF	#3, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	0.93
04 05 19 26-0003	LF	#4, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	1.52
04 05 19 26-0004	LF	#5, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.15
04 05 19 26-0005	LF	#6, Grade 40, Horizontal Placed, Steel Masonry Reinforcement Bar	2.80
04 05 19 26-0006	LF	#3, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	0.94
04 05 19 26-0007	LF	#4, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	1.54
04 05 19 26-0008	LF	#5, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.19
04 05 19 26-0009	LF	#6, Grade 50, Horizontal Placed, Steel Masonry Reinforcement Bar	2.85
04 05 19 26-0010	LF	#3, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	0.96
04 05 19 26-0011	LF	#4, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	1.58
04 05 19 26-0012	LF	#5, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.24
04 05 19 26-0013	LF	#6, Grade 60, Horizontal Placed, Steel Masonry Reinforcement Bar	2.93
04 05 19 26-0014	LF	#3, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.10
04 05 19 26-0015	LF	#4, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	1.79
04 05 19 26-0016	LF	#5, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	2.51
04 05 19 26-0017	LF	#6, Grade 40, Vertical Placed, Steel Masonry Reinforcement Bar	3.24
04 05 19 26-0018	LF	#3, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.11
04 05 19 26-0019	LF	#4, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	1.81
04 05 19 26-0020	LF	#5, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	2.55
04 05 19 26-0021	LF	#6, Grade 50, Vertical Placed, Steel Masonry Reinforcement Bar	3.29
04 05 19 26-0022	LF	#3, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.13
04 05 19 26-0023	LF	#4, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	1.85
04 05 19 26-0024	LF	#5, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	2.60
04 05 19 26-0025	LF	#6, Grade 60, Vertical Placed, Steel Masonry Reinforcement Bar	3.37

04 05 19 26-0026 Galvanized Steel Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0027	LF	#3, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.06
04 05 19 26-0028	LF	#4, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.76
04 05 19 26-0029	LF	#5, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.52
04 05 19 26-0030	LF	#6, Grade 40, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.33
04 05 19 26-0031	LF	#3, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.08
04 05 19 26-0032	LF	#4, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.78
04 05 19 26-0033	LF	#5, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.56
04 05 19 26-0034	LF	#6, Grade 50, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.38
04 05 19 26-0035	LF	#3, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.10
04 05 19 26-0036	LF	#4, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	1.82
04 05 19 26-0037	LF	#5, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	2.61
04 05 19 26-0038	LF	#6, Grade 60, Horizontal Placed, Galvanized Steel Masonry Reinforcement Bar	3.46
04 05 19 26-0039	LF	#3, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.23
04 05 19 26-0040	LF	#4, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.03
04 05 19 26-0041	LF	#5, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.88
04 05 19 26-0042	LF	#6, Grade 40, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.77
04 05 19 26-0043	LF	#3, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.25
04 05 19 26-0044	LF	#4, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.05
04 05 19 26-0045	LF	#5, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.92
04 05 19 26-0046	LF	#6, Grade 50, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.82
04 05 19 26-0047	LF	#3, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	1.27
04 05 19 26-0048	LF	#4, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.09
04 05 19 26-0049	LF	#5, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	2.97
04 05 19 26-0050	LF	#6, Grade 60, Vertical Placed, Galvanized Steel Masonry Reinforcement Bar	3.90

04 05 19 26-0051 Epoxy-Coated Masonry Reinforcement Bar (04 05 19 26)

04 05 19 26-0052	LF	#3, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.05
04 05 19 26-0053	LF	#4, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.73
04 05 19 26-0054	LF	#5, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.48
04 05 19 26-0055	LF	#6, Grade 40, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.27
04 05 19 26-0056	LF	#3, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.06
04 05 19 26-0057	LF	#4, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.76
04 05 19 26-0058	LF	#5, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.52
04 05 19 26-0059	LF	#6, Grade 50, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.32
04 05 19 26-0060	LF	#3, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.08
04 05 19 26-0061	LF	#4, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	1.79
04 05 19 26-0062	LF	#5, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	2.57
04 05 19 26-0063	LF	#6, Grade 60, Horizontal Placed, Epoxy-Coated Masonry Reinforcement Bar	3.40
04 05 19 26-0064	LF	#3, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.22
04 05 19 26-0065	LF	#4, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.00
04 05 19 26-0066	LF	#5, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.84
04 05 19 26-0067	LF	#6, Grade 40, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.71
04 05 19 26-0068	LF	#3, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.23
04 05 19 26-0069	LF	#4, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.03
04 05 19 26-0070	LF	#5, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.88
04 05 19 26-0071	LF	#6, Grade 50, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.76
04 05 19 26-0072	LF	#3, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	1.25
04 05 19 26-0073	LF	#4, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.06
04 05 19 26-0074	LF	#5, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	2.93
04 05 19 26-0075	LF	#6, Grade 60, Vertical Placed, Epoxy-Coated Masonry Reinforcement Bar	3.84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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04 05 23 Masonry Accessories (04 05)

04 05 23 13 Masonry Control and Expansion Joints (04 05 23)

04 05 23 13-0001 Masonry Control Joints <small>(04 05 23 13)</small>		
04 05 23 13-0002 Rubber, Masonry Control Joints <small>(04 05 23 13-0001)</small>		
04 05 23 13-0003	LF	1-5/8" Width, T-Style, Rubber, Masonry Control Joint 7.42
04 05 23 13-0004	LF	2-5/8" Width, Rubber, Masonry Control Joint 7.20
04 05 23 13-0005	LF	6-7/8" Width, Rubber, Masonry Control Joint 15.51
04 05 23 13-0006 Polyvinyl Chloride (PVC), Masonry Control Joints <small>(04 05 23 13-0001)</small>		
04 05 23 13-0007	LF	1-5/8" Width, T-Style, Polyvinyl Chloride (PVC), Masonry Control Joint 4.35
04 05 23 13-0008	LF	2-5/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint 4.53
04 05 23 13-0009	LF	4-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint 5.73
04 05 23 13-0010	LF	6-7/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint 6.33
04 05 23 13-0011	LF	11-1/8" Width, Polyvinyl Chloride (PVC), Masonry Control Joint 5.94

04 05 23 16 Masonry Embedded Flashing (04 05 23)

04 05 23 16-0001 Lead Coated Copper Through Wall Flashing <small>(04 05 23 16)</small>		
04 05 23 16-0002 Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing <small>(04 05 23 16-0001)</small>		
04 05 23 16-0003	SF	2 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing 13.08
04 05 23 16-0004	SF	3 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing 14.60
04 05 23 16-0005	SF	5 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing 18.80
04 05 23 16-0006	SF	7 Ounce, Mastic Backed 2 Sides, Lead Coated Copper Through Wall Flashing 22.50
04 05 23 16-0007 Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing <small>(04 05 23 16-0001)</small>		
04 05 23 16-0008	SF	2 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing 14.56
04 05 23 16-0009	SF	3 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing 15.92
04 05 23 16-0010	SF	5 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing 20.76
04 05 23 16-0011	SF	7 Ounce, Fabric Backed 2 Sides, Lead Coated Copper Through Wall Flashing 25.23
04 05 23 16-0012 Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing <small>(04 05 23 16-0001)</small>		
04 05 23 16-0013	SF	2 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing 13.43
04 05 23 16-0014	SF	3 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing 15.32
04 05 23 16-0015	SF	5 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing 18.04
04 05 23 16-0016	SF	7 Ounce, Paper Backed 2 Sides, Lead Coated Copper Through Wall Flashing 23.72
04 05 23 16-0017 Copper Through Wall Flashing <small>(04 05 23 16)</small>		
04 05 23 16-0018 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0017)</small>		
04 05 23 16-0019	SF	2 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing 10.81
04 05 23 16-0020	SF	3 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing 11.92
04 05 23 16-0021	SF	5 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing 15.01
04 05 23 16-0022	SF	7 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing 17.72
04 05 23 16-0023	SF	10 Ounce, 2 Sides Coated With Asphalt, Thru-Wall Copper Flashing 18.87
04 05 23 16-0024 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0017)</small>		
04 05 23 16-0025	SF	2 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing 11.91
04 05 23 16-0026	SF	3 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing 12.90
04 05 23 16-0027	SF	5 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing 16.45
04 05 23 16-0028	SF	7 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing 19.71
04 05 23 16-0029	SF	10 Ounce, 2 Sides Glass Fabric And Asphalt, Thru-Wall Copper Flashing 21.63
04 05 23 16-0030 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0017)</small>		
04 05 23 16-0031	SF	2 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing 10.93
04 05 23 16-0032	SF	3 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing 12.06
04 05 23 16-0033	SF	5 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing 15.12
04 05 23 16-0034	SF	7 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing 17.83
04 05 23 16-0035	SF	10 Ounce, 1 Side Kraft Paper And Asphalt, Thru-Wall Copper Flashing 18.99
04 05 23 16-0036 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0017)</small>		
04 05 23 16-0037	SF	2 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing 11.08
04 05 23 16-0038	SF	3 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing 12.44
04 05 23 16-0039	SF	5 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing 14.45
04 05 23 16-0040	SF	7 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing 18.61
04 05 23 16-0041	SF	10 Ounce, 2 Sides Kraft Paper And Asphalt, Thru-Wall Copper Flashing 10.30

04 Masonry**04 05 Common Work Results for Masonry****04 05 23 Masonry Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 05 23 16-0042		2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing <small>(04 05 23 16-0017)</small>		
04 05 23 16-0043	SF	3 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing.....	15.63	2.13
04 05 23 16-0044	SF	5 Ounce, 2 Sides Kraft Paper Reinforced With Glass Fabric And Asphalt, Thru-Wall Copper Flashing.....	19.74	2.13
04 05 23 16-0045		2 Sides Glass Fabric, Thru-Wall Copper Flashing <small>(04 05 23 16-0017)</small>		
		Note: Glass fabric is bonded to both sides with a non-asphaltic adhesive.		
04 05 23 16-0046	SF	3 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing.....	13.26	2.13
04 05 23 16-0047	SF	5 Ounce, 2 Sides Glass Fabric, Thru-Wall Copper Flashing.....	16.93	2.13
04 05 23 16-0048		Stainless Steel Through Wall Flashing <small>(04 05 23 16)</small>		
04 05 23 16-0049		Paper Backed 2 Sides, Stainless Steel Through Wall Flashing <small>(04 05 23 16-0048)</small>		
04 05 23 16-0050	SF	0.005" Thick Paper Backed 2 Sides, Stainless Steel Through Wall Flashing.....	8.22	2.13
04 05 23 16-0051		Polyvinyl Chloride (PVC) Through Wall Flashing <small>(04 05 23 16)</small>		
04 05 23 16-0052	SF	0.010" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	4.38	1.72
04 05 23 16-0053	SF	0.020" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	4.79	1.72
04 05 23 16-0054	SF	0.030" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	5.27	1.72
04 05 23 16-0055	SF	0.056" Thick Black Polyvinyl Chloride (PVC) Through Wall Flashing.....	6.84	1.72
04 05 23 19		Masonry Cavity Drainage, Weepholes, and Vents <small>(04 05 23)</small>		
04 05 23 19-0001		Brick Vents, 4" Deep, With Insect Screen <small>(04 05 23 19)</small>		
		Note: 0.100" nominal wall thickness, three mortar ribs on top and bottom of frame.		
04 05 23 19-0002	EA	8-1/8" x 2-3/8" Aluminum Brick Vent.....	80.46	
04 05 23 19-0003	EA	8-1/8" x 4-3/4" Aluminum Brick Vent.....	99.95	
04 05 23 19-0004	EA	8-1/8" x 7-3/4" Aluminum Brick Vent.....	126.40	
04 05 23 19-0005	EA	12" x 2-3/8" Aluminum Brick Vent.....	99.07	
04 05 23 19-0006	EA	12" x 4-3/4" Aluminum Brick Vent.....	122.60	
04 05 23 19-0007	EA	12" x 7-3/4" Aluminum Brick Vent.....	155.47	
04 05 23 19-0008	EA	16-1/2" x 2-3/8" Aluminum Brick Vent.....	117.52	
04 05 23 19-0009	EA	16-1/2" x 4-3/4" Aluminum Brick Vent.....	159.78	
04 05 23 19-0010	EA	16-1/2" x 7-3/4" Aluminum Brick Vent.....	195.80	
04 05 23 19-0011	EA	24" x 2-3/8" Aluminum Brick Vent.....	160.76	
04 05 23 19-0012	EA	24" x 4-3/4" Aluminum Brick Vent.....	209.57	
04 05 23 19-0013	EA	24" x 7-3/4" Aluminum Brick Vent.....	258.39	
04 20		Unit Masonry <small>(04)</small>		
		Note: Includes finishing joints (pointing) and cleaning of new brick and mortar. Cutting of new bricks/blocks to size. Weep holes and wicking material.		
04 21		Clay Unit Masonry <small>(04 20)</small>		
04 21 13		Brick Masonry <small>(04 21)</small>		
		Note: Includes brick and mortar. See CSI section 04 05 19 13-0000 for reinforcing, 04 05 19 16-0000 for masonry anchors.		
04 21 13 00-0001		Brick Masonry <small>(04 21 13)</small>		
04 21 13 00-0002	SF	Standard Size Red Brick, Running Bond.....	26.82	
		Note: Standard size brick, 3-5/8" x 2-1/4" x 8". (6.55 Bricks/SF)		
		<i>For Buff Or Gray, Add</i>	1.10	
		<i>For Common Or American Bond, Add</i>	0.81	
		<i>For English Bond, Add</i>	1.62	
		<i>For Flemish Bond, Add</i>	3.36	
		<i>For Stacked Bond, Add</i>	2.35	
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	30.67	
		<i>For Curved Wall, Add</i>	4.05	
		<i>For Corbels, Add</i>	15.17	
		<i>For Severe Weather (SW) Brick, Add</i>	0.99	
		<i>For Glazed Brick, Add</i>	23.07	
04 21 13 00-0003	SF	Engineer Standard Size Red Brick, Running Bond.....	27.94	
		Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8". (5.39 Bricks/SF)		
		<i>For Buff Or Gray, Add</i>	1.36	
		<i>For Common Or American Bond, Add</i>	0.79	
		<i>For English Bond, Add</i>	1.58	
		<i>For Flemish Bond, Add</i>	3.38	
		<i>For Stacked Bond, Add</i>	2.39	
		<i>For <10, Small Area Replacements (Individual Areas), Add</i>	30.08	
		<i>For Curved Wall, Add</i>	3.96	
		<i>For Corbels, Add</i>	14.84	
		<i>For Severe Weather (SW) Brick, Add</i>	1.22	
		<i>For Glazed Brick, Add</i>	28.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0004 SF Modular Size Red Brick, Running Bond.....	26.82	
Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8". (6.75 Bricks/SF)		
For Buff Or Gray, Add	1.10	
For Common Or American Bond, Add	0.81	
For English Bond, Add	1.62	
For Flemish Bond, Add	3.36	
For Stacked Bond, Add	2.35	
For <10, Small Area Replacements (Individual Areas), Add	30.67	
For Curved Wall, Add	4.05	
For Corbels, Add	15.17	
For Severe Weather (SW) Brick, Add	0.99	
For Glazed Brick, Add	23.07	
04 21 13 00-0005 SF Engineer Modular Size Red Brick, Running Bond.....	27.94	
Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8". (5.63 Bricks/SF)		
For Buff Or Gray, Add	1.36	
For Common Or American Bond, Add	0.79	
For English Bond, Add	1.58	
For Flemish Bond, Add	3.38	
For Stacked Bond, Add	2.39	
For <10, Small Area Replacements (Individual Areas), Add	30.08	
For Curved Wall, Add	3.96	
For Corbels, Add	14.84	
For Severe Weather (SW) Brick, Add	1.22	
For Glazed Brick, Add	28.56	
04 21 13 00-0006 SF Economy Size Red Brick, Running Bond.....	27.73	
Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8". (4.5 Bricks/SF)		
For Buff Or Gray, Add	1.33	
For Common Or American Bond, Add	0.79	
For English Bond, Add	1.58	
For Flemish Bond, Add	3.36	
For Stacked Bond, Add	2.38	
For <10, Small Area Replacements (Individual Areas), Add	30.07	
For Curved Wall, Add	3.96	
For Corbels, Add	14.84	
For Severe Weather (SW) Brick, Add	1.19	
For Glazed Brick, Add	27.83	
04 21 13 00-0007 SF Utility Size Red Brick, Running Bond.....	20.61	
Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8". (3.0 Bricks/SF)		
For Buff Or Gray, Add	1.13	
For Common Or American Bond, Add	0.55	
For English Bond, Add	1.10	
For Flemish Bond, Add	2.41	
For Stacked Bond, Add	1.72	
For <10, Small Area Replacements (Individual Areas), Add	21.06	
For Curved Wall, Add	2.76	
For Corbels, Add	10.36	
For Severe Weather (SW) Brick, Add	1.02	
For Glazed Brick, Add	23.80	
04 21 13 00-0008 SF Double Utility Size Red Brick, Running Bond.....	18.58	
Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8". (1.5 Bricks/SF)		
For Buff Or Gray, Add	0.80	
For Common Or American Bond, Add	0.55	
For English Bond, Add	1.10	
For Flemish Bond, Add	2.31	
For Stacked Bond, Add	1.62	
For <10, Small Area Replacements (Individual Areas), Add	20.95	
For Curved Wall, Add	2.76	
For Corbels, Add	10.36	
For Severe Weather (SW) Brick, Add	0.72	
For Glazed Brick, Add	16.70	
04 21 13 00-0009 SF Norman Size Red Brick, Running Bond.....	28.35	
Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8". (4.5 Bricks/SF)		
For Buff Or Gray, Add	1.43	
For Common Or American Bond, Add	0.79	
For English Bond, Add	1.58	
For Flemish Bond, Add	3.40	
For Stacked Bond, Add	2.41	
For <10, Small Area Replacements (Individual Areas), Add	30.10	
For Curved Wall, Add	3.96	
For Corbels, Add	14.84	
For Severe Weather (SW) Brick, Add	1.29	
For Glazed Brick, Add	30.00	
04 21 13 00-0010 SF Roman Size Red Brick, Running Bond.....	30.15	
Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8". (6.0 Bricks/SF)		
For Buff Or Gray, Add	1.73	
For Common Or American Bond, Add	0.79	
For English Bond, Add	1.58	
For Flemish Bond, Add	3.49	
For Stacked Bond, Add	2.50	
For <10, Small Area Replacements (Individual Areas), Add	30.19	
For Curved Wall, Add	3.96	
For Corbels, Add	14.84	
For Severe Weather (SW) Brick, Add	1.56	
For Glazed Brick, Add	36.30	

04 21 13 00-0011 Fire Brick (04 21 13)

04	Masonry
04 20	Unit Masonry
04 21	Clay Unit Masonry

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 13 00-0012	SF		Running Bond, Red Fire Brick	31.96	
			<i>For Buff Or Gray, Add</i>	2.03	
			<i>For Common Or American Bond, Add</i>	0.79	
			<i>For English Bond, Add</i>	1.58	
			<i>For Flemish Bond, Add</i>	3.58	
			<i>For Stacked Bond, Add</i>	2.59	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	30.28	
04 21 13 00-0013			Window Sill <small>(04 21 13)</small>		
04 21 13 00-0014	LF		Standard Size Red Brick, Window Sill	23.24	
			Note: Standard size brick, 3-5/8" x 2-1/4" x 8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.27	
04 21 13 00-0015	LF		Engineer Standard Size Red Brick, Window Sill	23.44	
			Note: Engineer standard size brick, 3-5/8" x 2-3/4" x 8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.31	
04 21 13 00-0016	LF		Modular Size Red Brick, Window Sill	23.24	
			Note: Modular size brick, 3-5/8" x 2-1/4" x 7-5/8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.27	
04 21 13 00-0017	LF		Engineer Modular Size Red Brick, Window Sill	23.57	
			Note: Engineer modular size brick, 3-5/8" x 2-3/4" x 7-5/8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.33	
04 21 13 00-0018	LF		Economy Size Red Brick, Window Sill	24.41	
			Note: Economy size brick, 3-5/8" x 3-5/8" x 7-5/8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.47	
04 21 13 00-0019	LF		Utility Size Red Brick, Window Sill	24.59	
			Note: Utility size brick, 3-5/8" x 3-5/8" x 11-5/8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.50	
04 21 13 00-0020	LF		Double Utility Size Red Brick, Window Sill	24.59	
			Note: Double utility size brick, 3-5/8" x 7-5/8" x 11-5/8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.50	
04 21 13 00-0021	LF		Norman Size Red Brick, Window Sill	23.68	
			Note: Norman size brick, 3-5/8" x 2-1/4" x 11-5/8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.35	
04 21 13 00-0022	LF		Roman Size Red Brick, Window Sill	23.76	
			Note: Roman size brick, 3-5/8" x 1-5/8" x 11-5/8", placed on edge.		
			<i>For Buff Or Gray, Add</i>	0.36	
04 21 19			Clay Tile Masonry <small>(04 21)</small>		
04 21 19 00-0001			Scored Face, Hollow, Clay Backing Tile <small>(04 21 19)</small>		
04 21 19 00-0002			Load Bearing, Scored Face, Hollow, Clay Backing Tile <small>(04 21 19 00-0001)</small>		
04 21 19 00-0003	SF		4" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	20.49	
			<i>For Smooth Face, One Side, Add</i>	1.15	
			<i>For Smooth Face, Two Sides, Add</i>	1.88	
04 21 19 00-0004	SF		6" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	22.12	
			<i>For Smooth Face, One Side, Add</i>	1.26	
			<i>For Smooth Face, Two Sides, Add</i>	2.08	
04 21 19 00-0005	SF		8" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	24.53	
			<i>For Smooth Face, One Side, Add</i>	1.45	
			<i>For Smooth Face, Two Sides, Add</i>	2.41	
04 21 19 00-0006	SF		10" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	32.29	
			<i>For Smooth Face, One Side, Add</i>	2.17	
			<i>For Smooth Face, Two Sides, Add</i>	3.69	
04 21 19 00-0007	SF		12" Thick Load Bearing, Scored Face, Hollow, Clay Backing Tile	41.39	
			<i>For Smooth Face, One Side, Add</i>	2.97	
			<i>For Smooth Face, Two Sides, Add</i>	5.12	
04 21 19 00-0008			Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile <small>(04 21 19 00-0001)</small>		
04 21 19 00-0009	SF		3" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	17.37	
			<i>For Smooth Face, One Side, Add</i>	0.94	
			<i>For Smooth Face, Two Sides, Add</i>	1.52	
04 21 19 00-0010	SF		4" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	20.24	
			<i>For Smooth Face, One Side, Add</i>	1.18	
			<i>For Smooth Face, Two Sides, Add</i>	1.96	
04 21 19 00-0011	SF		6" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	20.86	
			<i>For Smooth Face, One Side, Add</i>	1.21	
			<i>For Smooth Face, Two Sides, Add</i>	2.00	
04 21 19 00-0012	SF		8" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	30.07	
			<i>For Smooth Face, One Side, Add</i>	2.06	
			<i>For Smooth Face, Two Sides, Add</i>	3.51	
04 21 19 00-0013	SF		12" Thick Non-Load Bearing, Scored Face, Hollow, Clay Backing Tile	39.92	
			<i>For Smooth Face, One Side, Add</i>	2.93	
			<i>For Smooth Face, Two Sides, Add</i>	5.06	
04 21 26			Glazed Structural Clay Tile Masonry <small>(04 21)</small>		
			Note: Includes tile and mortar in all colors.		
04 21 26 00-0001			6T Series Structural Glazed Clay Tile <small>(04 21 26)</small>		
04 21 26 00-0002			Glazed On One Side 6T Series Structural Glazed Clay Tile <small>(04 21 26 00-0001)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 26 00-0003 SF 2" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"..... <i>For Stacked Bond, Add</i>	32.82 2.16	
04 21 26 00-0004 SF 4" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"..... <i>For Stacked Bond, Add</i>	36.72 2.16	
04 21 26 00-0005 SF 6" Thick 1 Sided 6T Series Structural Glazed Clay Tile, 5-1/3" x 12"..... <i>For Stacked Bond, Add</i>	44.78 2.26	
04 21 26 00-0006 Special Shapes 6T Series Structural Glazed Clay Tile (04 21 26 00-0001)		
04 21 26 00-0007 LF Bullnose, Jamb Or Sill Shapes 6T Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	34.42 2.55	
04 21 26 00-0008 LF 2" Or 4" Cove Base 6T Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	40.93 2.55	
04 21 26 00-0009 8W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0010 Glazed On One Side 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0011 SF 2" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" <i>For Stacked Bond, Add</i>	25.69 1.37	
04 21 26 00-0012 SF 4" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" <i>For Stacked Bond, Add</i>	31.93 1.47	
04 21 26 00-0013 SF 6" Thick 1 Sided 8W Series Structural Glazed Clay Tile, 8" x 16" <i>For Stacked Bond, Add</i>	44.01 1.57	
04 21 26 00-0014 Special Shapes 8W Series Structural Glazed Clay Tile (04 21 26 00-0009)		
04 21 26 00-0015 LF Bullnose, Jamb Or Sill Shapes 8W Series Structural Glazed Clay Tile <i>For Stacked Bond, Add</i>	35.13 1.77	
04 21 26 00-0016 LF 2" Or 4" Cove Base 8W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	35.07 1.77	
04 21 26 00-0017 4W Series Structural Glazed Clay Tile (04 21 26)		
04 21 26 00-0018 Glazed On One Side 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0019 SF 2" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	34.29 2.16	
04 21 26 00-0020 SF 4" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	36.24 2.16	
04 21 26 00-0021 SF 6" Thick 1 Sided 4W Series Structural Glazed Tile, 8" x 8"..... <i>For Stacked Bond, Add</i>	45.02 2.26	
04 21 26 00-0022 Special Shapes 4W Series Structural Glazed Clay Tile (04 21 26 00-0017)		
04 21 26 00-0023 LF Bullnose, Jamb Or Sill Shapes 4W Series Structural Glazed Clay Tile <i>For Stacked Bond, Add</i>	35.61 2.55	
04 21 26 00-0024 LF 2" Or 4" Cove Base 4W Series Structural Glazed Clay Tile..... <i>For Stacked Bond, Add</i>	40.82 2.55	
04 21 26 00-0025 6T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0026 SF 4" Thick, 6T Sound Absorbing Structural Glazed Tile.....	35.48	
04 21 26 00-0027 SF 6" Thick, 6T Sound Absorbing Structural Glazed Tile.....	38.32	
04 21 26 00-0028 SF 8" Thick, 6T Sound Absorbing Structural Glazed Tile.....	44.72	
04 21 26 00-0029 8T Series Sound Absorbing Structural Glazed Tile (04 21 26)		
04 21 26 00-0030 SF 4" Thick, 8T Sound Absorbing Structural Glazed Tile.....	39.17	
04 21 26 00-0031 SF 6" Thick, 8T Sound Absorbing Structural Glazed Tile.....	44.19	
04 21 26 00-0032 SF 8" Thick, 8T Acoustical Glazed Tile.....	52.45	
04 21 29 Terra Cotta Masonry (04 21)		
04 21 29 00-0001 Coping (04 21 29) Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
04 21 29 00-0002 SF Terra Cotta Coping <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	110.48 3.60 7.52	41.30
04 21 29 00-0003 Partition Or Back Up (Scored) (04 21 29)		
04 21 29 00-0004 Non-load Bearing, 12" x 12" (04 21 29 00-0003)		
04 21 29 00-0005 SF 3" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	27.57 3.61 3.39	
04 21 29 00-0006 SF 4" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	29.26 3.78 3.56	
04 21 29 00-0007 SF 6" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	37.85 5.16 4.76	

04	Masonry
04 20	Unit Masonry
04 21	Clay Unit Masonry

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 21 29 00-0008	SF		8" Thick Terra Cotta, Non-Load Bearing 12" x 12" Scored Face, Back-Up Partitions..... <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	46.38 6.49 5.93	
04 21 29 00-0009			Load Bearing, 12" x 12" (04 21 29 00-0003)		
04 21 29 00-0010			In Walls (04 21 29 00-0009)		
04 21 29 00-0011	SF		4" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	31.10 4.11 3.84	
04 21 29 00-0012	SF		6" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	42.05 5.92 5.39	
04 21 29 00-0013	SF		8" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	50.48 7.23 6.54	
04 21 29 00-0014	SF		10" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	52.87 7.40 6.75	
04 21 29 00-0015	SF		12" Thick Terra Cotta, Walls 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	63.54 8.96 8.16	
04 21 29 00-0016			In Floors (04 21 29 00-0009)		
04 21 29 00-0017	SF		4" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	28.35 4.11 3.70	
04 21 29 00-0018	SF		6" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	39.00 5.92 5.24	
04 21 29 00-0019	SF		8" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	47.34 7.23 6.38	
04 21 29 00-0020	SF		10" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	49.34 7.40 6.58	
04 21 29 00-0021	SF		12" Thick Terra Cotta, Floors 12" x 12" Load Bearing Scored Face <i>For Smooth Tile Instead Of Scored, Add</i> <i>For Reinforcing With Steel Rods, Add</i>	58.96 8.96 7.93	
04 22			Concrete Unit Masonry (04 20)		
			Note: Includes block and mortar. Excludes horizontal and vertical reinforcing. See CSI section 04 05 19 13-0000 for joint reinforcing.		
04 22 23			Architectural Concrete Unit Masonry (04 22)		
04 22 23 13			Exposed Aggregate Concrete Unit Masonry (04 22 23)		
04 22 23 13-0001			Concrete Blocks (04 22 23 13)		
04 22 23 13-0002			Lightweight Concrete Blocks (04 22 23 13-0001)		
04 22 23 13-0003			Cored, Lightweight, Concrete Blocks (04 22 23 13-0002)		
04 22 23 13-0004	SF		4" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	11.85 2.71 0.28 2.09 15.77	
04 22 23 13-0005	SF		6" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	13.09 2.94 0.36 2.26 17.08	
04 22 23 13-0006	SF		8" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	14.14 3.15 0.40 2.43 18.35	
04 22 23 13-0007	SF		10" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	15.37 3.30 0.54 2.54 19.24	
04 22 23 13-0008	SF		12" x 8" x 16", Cored, Lightweight, Concrete Block <i>For Stacked Bond, Add</i> <i>For Scored Block, Add</i> <i>For Curved Wall Application, Add</i> <i>For <10, Small Area Replacements (Individual Areas), Add</i>	18.27 4.00 0.58 3.08 23.30	
04 22 23 13-0009			Solid, Lightweight, Concrete Blocks (04 22 23 13-0002)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0010 SF 4" x 8" x 16", Solid, Lightweight, Concrete Block.....	12.59	
<i>For Stacked Bond, Add</i>	2.78	
<i>For Scored Block, Add</i>	0.38	
<i>For Curved Wall Application, Add</i>	2.14	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	16.21	
04 22 23 13-0011 SF 6" x 8" x 16", Solid, Lightweight, Concrete Block.....	13.81	
<i>For Stacked Bond, Add</i>	3.06	
<i>For Scored Block, Add</i>	0.41	
<i>For Curved Wall Application, Add</i>	2.36	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	17.82	
04 22 23 13-0012 SF 8" x 8" x 16", Solid, Lightweight, Concrete Block.....	14.60	
<i>For Stacked Bond, Add</i>	3.25	
<i>For Scored Block, Add</i>	0.42	
<i>For Curved Wall Application, Add</i>	2.50	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	18.91	
04 22 23 13-0013 SF 10" x 8" x 16", Solid, Lightweight, Concrete Block.....	16.00	
<i>For Stacked Bond, Add</i>	3.40	
<i>For Scored Block, Add</i>	0.58	
<i>For Curved Wall Application, Add</i>	2.62	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.85	
04 22 23 13-0014 SF 12" x 8" x 16", Solid, Lightweight, Concrete Block.....	19.02	
<i>For Stacked Bond, Add</i>	4.14	
<i>For Scored Block, Add</i>	0.62	
<i>For Curved Wall Application, Add</i>	3.18	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	24.10	
04 22 23 13-0015 Normal Weight Concrete Blocks <small>(04 22 23 13-0001)</small>		
04 22 23 13-0016 Cored, Normal Weight, Concrete Blocks <small>(04 22 23 13-0015)</small>		
04 22 23 13-0017 SF 4" x 8" x 16", Cored, Normal Weight, Concrete Block.....	12.12	
<i>For Stacked Bond, Add</i>	2.78	
<i>For Scored Block, Add</i>	0.28	
<i>For Curved Wall Application, Add</i>	2.14	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	16.17	
<i>For 3,500 PSI, Add</i>	0.30	
<i>For 5,000 PSI, Add</i>	0.51	
04 22 23 13-0018 SF 6" x 8" x 16", Cored, Normal Weight, Concrete Block.....	13.39	
<i>For Stacked Bond, Add</i>	3.06	
<i>For Scored Block, Add</i>	0.32	
<i>For Curved Wall Application, Add</i>	2.36	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	17.79	
<i>For 3,500 PSI, Add</i>	0.34	
<i>For 5,000 PSI, Add</i>	0.58	
04 22 23 13-0019 SF 8" x 8" x 16", Cored, Normal Weight, Concrete Block.....	14.35	
<i>For Stacked Bond, Add</i>	3.25	
<i>For Scored Block, Add</i>	0.37	
<i>For Curved Wall Application, Add</i>	2.50	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	18.89	
<i>For 3,500 PSI, Add</i>	0.39	
<i>For 5,000 PSI, Add</i>	0.67	
04 22 23 13-0020 SF 10" x 8" x 16", Cored, Normal Weight, Concrete Block.....	16.67	
<i>For Stacked Bond, Add</i>	3.40	
<i>For Scored Block, Add</i>	0.72	
<i>For Curved Wall Application, Add</i>	2.62	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.90	
<i>For 3,500 PSI, Add</i>	0.75	
<i>For 5,000 PSI, Add</i>	1.29	
04 22 23 13-0021 SF 12" x 8" x 16", Cored, Normal Weight, Concrete Block.....	19.60	
<i>For Stacked Bond, Add</i>	4.14	
<i>For Scored Block, Add</i>	0.74	
<i>For Curved Wall Application, Add</i>	3.18	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	24.14	
<i>For 3,500 PSI, Add</i>	0.77	
<i>For 5,000 PSI, Add</i>	1.33	
04 22 23 13-0022 Solid, Normal Weight, Concrete Blocks <small>(04 22 23 13-0015)</small>		
04 22 23 13-0023 SF 4" x 8" x 16", Solid, Normal Weight, Concrete Block.....	12.79	
<i>For Stacked Bond, Add</i>	2.86	
<i>For Scored Block, Add</i>	0.36	
<i>For Curved Wall Application, Add</i>	2.20	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	16.63	
<i>For 3,500 PSI, Add</i>	0.38	
<i>For 5,000 PSI, Add</i>	0.64	
04 22 23 13-0024 SF 6" x 8" x 16", Solid, Normal Weight, Concrete Block.....	13.78	
<i>For Stacked Bond, Add</i>	3.15	
<i>For Scored Block, Add</i>	0.33	
<i>For Curved Wall Application, Add</i>	2.43	
<i>For <10, Small Area Replacements (Individual Areas), Add</i>	18.32	
<i>For 3,500 PSI, Add</i>	0.35	
<i>For 5,000 PSI, Add</i>	0.59	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 13-0025	SF		8" x 8" x 16", Solid, Normal Weight, Concrete Block.....	14.81	
			<i>For Stacked Bond, Add</i>	3.35	
			<i>For Scored Block, Add</i>	0.38	
			<i>For Curved Wall Application, Add</i>	2.58	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.48	
			<i>For 3,500 PSI, Add</i>	0.40	
			<i>For 5,000 PSI, Add</i>	0.69	
04 22 23 13-0026	SF		10" x 8" x 16", Solid, Normal Weight, Concrete Block.....	16.09	
			<i>For Stacked Bond, Add</i>	3.52	
			<i>For Scored Block, Add</i>	0.51	
			<i>For Curved Wall Application, Add</i>	2.70	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	20.47	
			<i>For 3,500 PSI, Add</i>	0.54	
			<i>For 5,000 PSI, Add</i>	0.93	
04 22 23 13-0027	SF		12" x 8" x 16", Solid, Normal Weight, Concrete Block.....	19.14	
			<i>For Stacked Bond, Add</i>	4.28	
			<i>For Scored Block, Add</i>	0.54	
			<i>For Curved Wall Application, Add</i>	3.29	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	24.89	
			<i>For 3,500 PSI, Add</i>	0.56	
			<i>For 5,000 PSI, Add</i>	0.96	
04 22 23 13-0028			Bond Beam Or Lintel Concrete Blocks <small>(04 22 23 13)</small>		
04 22 23 13-0029			Lightweight, Bond Beam Or Lintel Concrete Blocks <small>(04 22 23 13-0028)</small>		
			Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0030	LF		6" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	13.50	
			<i>For Stacked Bond, Add</i>	2.94	
			<i>For Grout And Fill With 2 #5 Rebar, Add</i>	7.85	
			<i>For Scored Block, Add</i>	0.44	
			<i>For Curved Wall Application, Add</i>	2.26	
04 22 23 13-0031	LF		8" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	14.79	
			<i>For Stacked Bond, Add</i>	3.15	
			<i>For Grout And Fill With 2 #5 Rebar, Add</i>	8.73	
			<i>For Scored Block, Add</i>	0.53	
			<i>For Curved Wall Application, Add</i>	2.43	
04 22 23 13-0032	LF		12" x 8" x 16", Lightweight, Bond Beam Or Lintel Concrete Block.....	18.22	
			<i>For Stacked Bond, Add</i>	4.00	
			<i>For Grout And Fill With 2 #5 Rebar, Add</i>	10.53	
			<i>For Scored Block, Add</i>	0.57	
			<i>For Curved Wall Application, Add</i>	3.08	
04 22 23 13-0033			Normal Weight, Bond Beam Or Lintel Concrete Blocks <small>(04 22 23 13-0028)</small>		
			Note: Excludes concrete fill and reinforcing.		
04 22 23 13-0034	LF		6" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	13.67	
			<i>For Stacked Bond, Add</i>	3.06	
			<i>For Grout And Fill With 2 #5 Rebar, Add</i>	7.78	
			<i>For Scored Block, Add</i>	0.38	
			<i>For Curved Wall Application, Add</i>	2.36	
			<i>For 3,500 PSI, Add</i>	0.40	
			<i>For 5,000 PSI, Add</i>	0.68	
04 22 23 13-0035	LF		8" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	14.85	
			<i>For Stacked Bond, Add</i>	3.25	
			<i>For Grout And Fill With 2 #5 Rebar, Add</i>	8.60	
			<i>For Scored Block, Add</i>	0.47	
			<i>For Curved Wall Application, Add</i>	2.50	
			<i>For 3,500 PSI, Add</i>	0.49	
			<i>For 5,000 PSI, Add</i>	0.85	
04 22 23 13-0036	LF		12" x 8" x 16", Normal Weight, Bond Beam Or Lintel Concrete Block.....	18.43	
			<i>For Stacked Bond, Add</i>	4.14	
			<i>For Grout And Fill With 2 #5 Rebar, Add</i>	10.48	
			<i>For Scored Block, Add</i>	0.50	
			<i>For Curved Wall Application, Add</i>	3.18	
			<i>For 3,500 PSI, Add</i>	0.53	
			<i>For 5,000 PSI, Add</i>	0.91	
04 22 23 23			Prefaced Concrete Unit Masonry <small>(04 22 23)</small>		
04 22 23 23-0001			Ground Face Concrete Blocks <small>(04 22 23 23)</small>		
04 22 23 23-0002	SF		4" x 8" x 16", Ground Face, Concrete Block.....	15.35	
			<i>For Stacked Bond, Add</i>	3.40	
			<i>For Scored Block, Add</i>	0.45	
			<i>For Curved Wall Application, Add</i>	2.62	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.80	
04 22 23 23-0003	SF		6" x 8" x 16", Ground Face, Concrete Block.....	17.30	
			<i>For Stacked Bond, Add</i>	3.83	
			<i>For Scored Block, Add</i>	0.51	
			<i>For Curved Wall Application, Add</i>	2.95	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	22.29	
04 22 23 23-0004	SF		8" x 8" x 16", Ground Face, Concrete Block.....	18.60	
			<i>For Stacked Bond, Add</i>	4.05	
			<i>For Scored Block, Add</i>	0.61	
			<i>For Curved Wall Application, Add</i>	3.11	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	23.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23	23-0005	SF	10" x 8" x 16", Ground Face, Concrete Block	19.85	
			For Stacked Bond, Add	4.29	
			For Scored Block, Add	0.67	
			For Curved Wall Application, Add	3.30	
			For <10, Small Area Replacements (Individual Areas), Add	25.00	
04 22 23	23-0006	SF	12" x 8" x 16", Ground Face, Concrete Block	23.55	
			For Stacked Bond, Add	5.17	
			For Scored Block, Add	0.73	
			For Curved Wall Application, Add	3.98	
			For <10, Small Area Replacements (Individual Areas), Add	30.10	
04 22 23 26 Sound-Absorbing Concrete Unit Masonry (04 22 23)					
04 22 23	26-0001		Slotted, Acoustical Concrete Block (04 22 23 26)		
04 22 23	26-0002	SF	4" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	19.32	
			For Stacked Bond, Add	3.40	
			For Curved Wall Application, Add	2.62	
			For <10, Small Area Replacements (Individual Areas), Add	20.10	
04 22 23	26-0003	SF	6" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	21.53	
			For Stacked Bond, Add	3.70	
			For Curved Wall Application, Add	2.84	
			For <10, Small Area Replacements (Individual Areas), Add	21.88	
04 22 23	26-0004	SF	8" x 8" x 16", .45 - .55 NRC, Slotted, Acoustical Concrete Block	24.57	
			For Stacked Bond, Add	4.05	
			For Curved Wall Application, Add	3.11	
			For <10, Small Area Replacements (Individual Areas), Add	24.02	
04 22 23 29 Split-Face Concrete Unit Masonry (04 22 23)					
04 22 23	29-0001		Split Face, Concrete Blocks (04 22 23 29)		
04 22 23	29-0002		Plain Or Scored, Split Face, Concrete Blocks (04 22 23 29-0001)		
04 22 23	29-0003	SF	4" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	15.62	
			For Stacked Bond, Add	3.40	
			For Curved Wall Application, Add	2.62	
			For <10, Small Area Replacements (Individual Areas), Add	19.82	
04 22 23	29-0004	SF	6" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	17.61	
			For Stacked Bond, Add	3.83	
			For Curved Wall Application, Add	2.95	
			For <10, Small Area Replacements (Individual Areas), Add	22.31	
04 22 23	29-0005	SF	8" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	18.96	
			For Stacked Bond, Add	4.05	
			For Curved Wall Application, Add	3.11	
			For <10, Small Area Replacements (Individual Areas), Add	23.60	
04 22 23	29-0006	SF	10" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	20.28	
			For Stacked Bond, Add	4.29	
			For Curved Wall Application, Add	3.30	
			For <10, Small Area Replacements (Individual Areas), Add	25.03	
04 22 23	29-0007	SF	12" x 8" x 16", Plain Or Scored, Split Face, Concrete Block	23.80	
			For Stacked Bond, Add	5.17	
			For Curved Wall Application, Add	3.98	
			For <10, Small Area Replacements (Individual Areas), Add	30.11	
04 22 23	29-0008		Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Blocks (04 22 23 29-0001)		
04 22 23	29-0009	SF	4" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	16.25	
			For Stacked Bond, Add	3.40	
			For Grout And Fill With 2 #5 Rebar, Add	9.71	
			For Curved Wall Application, Add	2.62	
			For <10, Small Area Replacements (Individual Areas), Add	19.87	
04 22 23	29-0010	SF	6" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	18.33	
			For Stacked Bond, Add	3.83	
			For Grout And Fill With 2 #5 Rebar, Add	10.97	
			For Curved Wall Application, Add	2.95	
			For <10, Small Area Replacements (Individual Areas), Add	22.37	
04 22 23	29-0011	SF	8" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	19.81	
			For Stacked Bond, Add	4.05	
			For Grout And Fill With 2 #5 Rebar, Add	12.03	
			For Curved Wall Application, Add	3.11	
			For <10, Small Area Replacements (Individual Areas), Add	23.66	
04 22 23	29-0012	SF	10" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	21.22	
			For Stacked Bond, Add	4.29	
			For Grout And Fill With 2 #5 Rebar, Add	12.97	
			For Curved Wall Application, Add	3.30	
			For <10, Small Area Replacements (Individual Areas), Add	25.10	
04 22 23	29-0013	SF	12" x 8" x 16", Plain Or Scored, Split Face, Bond Beam Or Lintel Concrete Block	24.77	
			For Stacked Bond, Add	5.17	
			For Grout And Fill With 2 #5 Rebar, Add	14.83	
			For Curved Wall Application, Add	3.98	
			For <10, Small Area Replacements (Individual Areas), Add	30.19	
04 22 23	29-0014		Split Rib, Concrete Block (04 22 23 29)		
04 22 23	29-0015		Split Rib, Concrete Block (04 22 23 29-0014)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 22 23 29-0016	SF		4" x 8" x 16", Split Rib, Concrete Block.....	15.41	
			<i>For Stacked Bond, Add</i>	3.40	
			<i>For Curved Wall Application, Add</i>	2.62	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.81	
04 22 23 29-0017	SF		6" x 8" x 16", Split Rib, Concrete Block.....	18.08	
			<i>For Stacked Bond, Add</i>	3.83	
			<i>For Curved Wall Application, Add</i>	2.95	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	22.35	
04 22 23 29-0018	SF		8" x 8" x 16", Split Rib, Concrete Block.....	19.20	
			<i>For Stacked Bond, Add</i>	4.05	
			<i>For Curved Wall Application, Add</i>	3.11	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	23.61	
04 22 23 29-0019	SF		10" x 8" x 16", Split Rib, Concrete Block.....	20.48	
			<i>For Stacked Bond, Add</i>	4.29	
			<i>For Curved Wall Application, Add</i>	3.30	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	25.05	
04 22 23 29-0020	SF		12" x 8" x 16", Split Rib, Concrete Block.....	24.24	
			<i>For Stacked Bond, Add</i>	5.17	
			<i>For Curved Wall Application, Add</i>	3.98	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	30.15	
04 22 23 31			Glazed Concrete Masonry Unit (04 22 23)		
04 22 23 31-0001			One Glazed Face, Concrete Blocks (04 22 23 31)		
04 22 23 31-0002			One Glazed Face, Concrete Blocks (04 22 23 31-0001)		
04 22 23 31-0003	SF		4" x 8" x 16", One Glazed Face, Concrete Block.....	23.86	
			<i>For Stacked Bond, Add</i>	3.30	
			<i>For Curved Wall Application, Add</i>	2.54	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	19.87	
04 22 23 31-0004	SF		6" x 8" x 16", One Glazed Face, Concrete Block.....	25.67	
			<i>For Stacked Bond, Add</i>	3.63	
			<i>For Curved Wall Application, Add</i>	2.79	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	21.83	
04 22 23 31-0005	SF		8" x 8" x 16", One Glazed Face, Concrete Block.....	27.17	
			<i>For Stacked Bond, Add</i>	3.83	
			<i>For Curved Wall Application, Add</i>	2.95	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	23.03	
04 22 23 31-0006	SF		10" x 8" x 16", One Glazed Face, Concrete Block.....	28.76	
			<i>For Stacked Bond, Add</i>	4.05	
			<i>For Curved Wall Application, Add</i>	3.11	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	24.33	
04 22 23 31-0007	SF		12" x 8" x 16", One Glazed Face, Concrete Block.....	32.56	
			<i>For Stacked Bond, Add</i>	4.87	
			<i>For Curved Wall Application, Add</i>	3.74	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	29.12	
04 22 23 31-0008			Two Glazed Faces, Concrete Blocks (04 22 23 31)		
04 22 23 31-0009			Two Glazed Faces, Concrete Blocks (04 22 23 31-0008)		
04 22 23 31-0010	SF		4" x 8" x 16", Two Glazed Faces, Concrete Block.....	31.06	
			<i>For Stacked Bond, Add</i>	3.76	
			<i>For Curved Wall Application, Add</i>	2.89	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	22.95	
04 22 23 31-0011	SF		6" x 8" x 16", Two Glazed Faces, Concrete Block.....	32.70	
			<i>For Stacked Bond, Add</i>	4.05	
			<i>For Curved Wall Application, Add</i>	3.11	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	24.63	
04 22 23 31-0012	SF		8" x 8" x 16", Two Glazed Faces, Concrete Block.....	35.06	
			<i>For Stacked Bond, Add</i>	4.47	
			<i>For Curved Wall Application, Add</i>	3.44	
			<i>For <10, Small Area Replacements (Individual Areas), Add</i>	27.11	
04 23			Glass Unit Masonry (04 20)		
04 23 13			Vertical Glass Unit Masonry (04 23)		
			Note: Includes 1/4" mortar joints and caulking. Excludes joint reinforcement and anchors.		
04 23 13 00-001			Glass Block Unit Masonry (04 23 13)		
04 23 13 00-002	SF		6" x 6" x 4" Plain Glass Block.....	72.19	
			<i>For Solar Reflective (Suntrol) Blocks, Add</i>	13.58	
			<i>For Essex (Horizontal Striated) Blocks, Add</i>	7.76	
			<i>For Sculptured Or Patterned Blocks, Add</i>	13.58	
			<i>For Colored Glass, Add</i>	38.81	
			<i>For Thinline Block, Deduct</i>	-9.70	
			<i>For >1,000 To 5,000, Deduct</i>	-5.26	
			<i>For >5,000, Deduct</i>	-8.87	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 23 13 00-0003 SF 8" x 8" x 4" Plain Glass Block <i>For Solar Reflective (Suntrol) Blocks, Add</i> <i>For Essex (Horizontal Striated) Blocks, Add</i> <i>For Sculptured Or Patterned Blocks, Add</i> <i>For Colored Glass, Add</i> <i>For Thinline Block, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	52.01 9.61 5.49 9.61 27.47 -6.87 -3.82 -6.41	
04 23 13 00-0004 SF 12" x 12" x 4" Plain Glass Block <i>For Solar Reflective (Suntrol) Blocks, Add</i> <i>For Essex (Horizontal Striated) Blocks, Add</i> <i>For Sculptured Or Patterned Blocks, Add</i> <i>For Colored Glass, Add</i> <i>For Thinline Block, Deduct</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	57.68 12.29 7.02 12.29 35.10 -8.78 -4.00 -6.88	
04 23 13 00-0005 Solid Glass Block (Vistabrik®) (04 23 13)		
04 23 13 00-0006 SF 3" x 8" x 3" Solid Glass Block (Vistabrik®).....	683.13	
04 23 13 00-0007 SF 4" x 8" x 3" Solid Glass Block (Vistabrik®).....	518.52	
04 23 13 00-0008 SF 6" x 8" x 3" Solid Glass Block (Vistabrik®).....	355.89	
04 23 13 00-0009 SF 8" x 8" x 3" Solid Glass Block (Vistabrik®).....	249.30	

04 40 Stone Assemblies (04)

Note: Includes pointing and cleaning of new stone and mortar. All stone prices include material and mortar.

04 41 Dry-Placed Stone (04 40)

04 41 00 00-0001 Ashlar Veneer, Random Size, Square Cut Rough Stone (04 41)		
04 41 00 00-0002 SF 4" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....	27.02	8.30
04 41 00 00-0003 SF 6" Thick Ashlar Veneer, Random Size, Square Cut Rough Stone.....	27.47	8.30

04 42 Exterior Stone Cladding (04 40)

04 42 43 Stone Panels for Curtain Walls (04 42)

04 42 43 00-0001 Marble Facing Panels (04 42 43) Note: 3' x 1.5'		
04 42 43 00-0002 SF 3/4" Thick Marble Facing Panels	78.76	17.40
04 42 43 00-0003 SF 7/8" Thick Marble Facing Panels	83.45	17.63
04 42 43 00-0004 SF 1-1/2" Thick Marble Facing Panels	97.12	17.96
04 42 43 00-0005 SF 2" Thick Marble Facing Panels	107.13	18.52
04 42 43 00-0006 SF 2-1/4" Thick Marble Facing Panels.....	114.19	19.65
04 42 43 00-0007 CF Marble Face Panel.....	487.52	63.99

04 42 43 00-0008 Smooth Limestone Panels (04 42 43)

Note: Up to 12' x 5' panels.		
04 42 43 00-0009 SF 1-1/2" Thick Smooth Limestone Panels.....	59.25	34.92
04 42 43 00-0010 SF 2" Thick Smooth Limestone Panels	62.79	36.60
04 42 43 00-0011 SF 3" Thick Smooth Limestone Panels	66.49	38.28
04 42 43 00-0012 SF 4" Thick Smooth Limestone Panels	76.74	42.10

04 42 43 00-0013 Sandstone Panels (04 42 43)

04 42 43 00-0014 SF 2-1/2" Thick Sandstone Panels.....	67.50	36.60
04 42 43 00-0015 SF 4" Thick Sandstone Panels.....	74.36	42.10
04 42 43 00-0016 SF Split Face Sandstone Panels, Random Sizes	68.77	42.10

04 43 Stone Masonry (04 40)

04 43 16 Stone Fabrications (04 43)

04 43 16 00-0001 Marble (04 43 16)		
04 43 16 00-0002 Marble Base (04 43 16 00-0001) Note: 1" thick.		
04 43 16 00-0003 LF 4" High Marble Base.....	114.04	70.89
04 43 16 00-0004 LF 6" High Marble Base.....	129.93	77.22
04 43 16 00-0005 Marble Columns (04 43 16 00-0001)		
04 43 16 00-0006 CF Plain Faced Solid Marble Columns.....	329.80	63.99
04 43 16 00-0007 CF Fluted, Carved Solid Marble Columns	561.53	63.99
04 43 16 00-0008 Marble Flooring (04 43 16 00-0001)		
04 43 16 00-0009 SF 3/8" Uniform Color Marble Flooring.....	32.62	16.23
04 43 16 00-0010 SF 1/2" Uniform Color Marble Flooring.....	35.19	16.23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
04 43 16 00-0011 SF 1/2" Travertine Marble Flooring.....	42.35	18.53
04 43 16 00-0012 Marble Items (04 43 16 00-0001)		
04 43 16 00-0013 LF 12" Wide Marble Stair Treads.....	89.82	25.73
04 43 16 00-0014 LF 6" Wide Marble Stair Risers.....	68.24	20.62
04 43 16 00-0015 LF 6" Wide x 2" Thick Marble Window Sills.....	40.27	15.18
04 43 16 00-0016 LF 5" Wide x 7/8" Thick Marble Window Stool, Polished.....	80.18	18.63
04 43 16 00-0017 SF 7/8" Thick, Non-Skid, Marble Patio Blocks.....	43.22	23.53
04 43 16 00-0018 Limestone (04 43 16)		
04 43 16 00-0019 Ashlar Veneer Limestone (04 43 16 00-0018)		
04 43 16 00-0020 SF 4" Ashlar Veneer Limestone, Random Sizes.....	59.42	25.73
04 43 16 00-0021 SF 6" To 8" Thick, Pitched Face Ashlar Veneer Limestone, Random Sizes.....	89.67	35.34
04 43 16 00-0022 Limestone Coping (04 43 16 00-0018)		
Note: Measured from the highest point. Includes drilling into existing materials, caulk and ties.		
04 43 16 00-0023 SF 2-1/2" Thick Limestone Coping.....	28.74	8.98
04 43 16 00-0024 SF 3" Thick Limestone Coping.....	32.01	9.55
04 43 16 00-0025 SF 3-1/2" Thick Limestone Coping.....	35.30	10.11
04 43 16 00-0026 SF 4" Thick Limestone Coping.....	37.45	10.44
04 43 16 00-0027 SF 5" Thick Limestone Coping.....	42.88	10.67
04 43 16 00-0028 SF 6" Thick Limestone Coping.....	61.00	11.23
04 43 16 00-0029 CF >6" Thick Limestone Coping.....	100.83	23.05
04 43 16 00-0030 Limestone Stair Treads (04 43 16 00-0018)		
04 43 16 00-0031 SF 2" Thick Limestone Treads.....	35.04	8.42
04 43 16 00-0032 SF 2-1/2" Thick Limestone Treads.....	37.18	8.98
04 43 16 00-0033 SF 3" Thick Limestone Treads.....	41.48	9.55
04 43 16 00-0034 SF 3-1/2" Thick Limestone Treads.....	44.64	10.11
04 43 16 00-0035 SF 4" Thick Limestone Treads.....	47.81	10.11
04 43 16 00-0036 SF 5" Thick Limestone Treads.....	51.91	10.67
04 43 16 00-0037 SF 6" Thick Limestone Tread, Smooth Finish.....	70.31	11.23
04 43 16 00-0038 Limestone Items (04 43 16 00-0018)		
04 43 16 00-0039 CF Sawn Edge Limestone Block, Sill, Lintel, Jamb And Other Trim.....	181.94	86.44
04 43 16 00-0040 Granite (04 43 16)		
04 43 16 00-0041 Polished Granite Veneer Facing Panels (04 43 16 00-0040)		
Note: Excludes structural support steel.		
04 43 16 00-0042 SF 7/8" Thick Black Polished Granite Veneer Facing Panels.....	96.21	35.14
04 43 16 00-0043 SF 7/8" Thick Gray Polished Granite Veneer Facing Panels.....	88.39	35.14
04 43 16 00-0044 Granite Stair Treads (04 43 16 00-0040)		
04 43 16 00-0045 SF 2" Thick Granite Stair Tread.....	55.98	8.42
04 43 16 00-0046 Slate (04 43 16)		
04 43 16 00-0047 Slate Panels Or Sills (04 43 16 00-0046)		
04 43 16 00-0048 SF 1" Thick Slate Panels.....	61.00	35.14
04 43 16 00-0049 SF 2" Thick Slate Panels.....	70.19	35.14
04 43 16 00-0050 Slate Sills Or Stools (04 43 16 00-0046)		
04 43 16 00-0051 LF 6" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	27.87	15.27
04 43 16 00-0052 LF 10" Wide, 1" Thick Slate Sills Or Stools With Sand Finish.....	33.72	15.27
04 43 16 00-0053 LF 6" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	32.89	15.27
04 43 16 00-0054 LF 10" Wide, 2" Thick Slate Sills Or Stools With Sand Finish.....	45.42	15.27
04 43 16 00-0055 Slate Stair Treads (04 43 16 00-0046)		
04 43 16 00-0056 SF 2" Thick Slate Stair Tread.....	40.72	8.42
04 50 Refractory Masonry (04)		
04 51 Flue Liner Masonry (04 50)		
Note: Includes mortar joints.		
04 51 00 00-0001 Rectangular Flue Liners (04 51)		
04 51 00 00-0002 VLF 4" x 8" Clay Flue Liners.....	20.09	
04 51 00 00-0003 VLF 8" x 8" Clay Flue Liners.....	27.79	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	04 51 00 00-0004	VLF		8" x 12" Clay Flue Liners.....	31.65	
	04 51 00 00-0005	VLF		12" x 12" Clay Flue Liners.....	39.42	
	04 51 00 00-0006	VLF		12" x 16" Clay Flue Liners.....	48.21	
	04 51 00 00-0007	VLF		12" x 18" Clay Flue Liners.....	54.84	
	04 51 00 00-0008	VLF		16" x 16" Clay Flue Liners.....	59.79	
	04 51 00 00-0009	VLF		16" x 20" Clay Flue Liners.....	73.88	
	04 51 00 00-0010	VLF		18" x 18" Clay Flue Liners.....	78.94	
	04 51 00 00-0011	VLF		20" x 20" Clay Flue Liners.....	101.81	
	04 51 00 00-0012	VLF		20" x 24" Clay Flue Liners.....	110.92	
	04 51 00 00-0013	VLF		24" x 24" Clay Flue Liners.....	131.60	
	04 51 00 00-0014			Round Flue Liners (04 51)		
	04 51 00 00-0015	VLF		6" Diameter Clay Flue Liners.....	49.27	
	04 51 00 00-0016	VLF		8" Diameter Clay Flue Liners.....	71.90	
	04 51 00 00-0017	VLF		10" Diameter Clay Flue Liners.....	94.68	
	04 51 00 00-0018	VLF		12" Diameter Clay Flue Liners.....	115.39	
	04 51 00 00-0019	VLF		15" Diameter Clay Flue Liners.....	141.63	
	04 51 00 00-0020	VLF		18" Diameter Clay Flue Liners.....	153.10	
	04 51 00 00-0021	VLF		21" Diameter Clay Flue Liners.....	195.40	
	04 51 00 00-0022	VLF		24" Diameter Clay Flue Liners.....	239.99	
	04 51 00 00-0023	VLF		27" Diameter Clay Flue Liners.....	276.96	
	04 51 00 00-0024	VLF		30" Diameter Clay Flue Liners.....	315.04	
	04 51 00 00-0025	VLF		33" Diameter Clay Flue Liners.....	330.33	
	04 51 00 00-0026	VLF		36" Diameter Clay Flue Liners.....	336.68	
	04 51 00 00-0027			Standard Chimney Block (04 51)		
				Note: Includes refractory mortar. Excludes flue liners.		
	04 51 00 00-0028	EA		14" x 14" x 8" Concrete Block Chimney Unit.....	32.13	
	04 51 00 00-0029	EA		14" x 18" x 8" Concrete Block Chimney Unit.....	35.22	
	04 51 00 00-0030	EA		16" x 16" x 8" Concrete Block Chimney Unit.....	35.44	
	04 51 00 00-0031	EA		17" x 17" x 8" Concrete Block Chimney Unit.....	37.20	
	04 51 00 00-0032	EA		16" x 20" x 8" Concrete Block Chimney Unit.....	39.17	
	04 51 00 00-0033	EA		17" x 21" x 8" Concrete Block Chimney Unit.....	41.29	
	04 51 00 00-0034	EA		21" x 21" x 8" Concrete Block Chimney Unit.....	46.65	
	04 70			Manufactured Masonry (04)		
	04 72			Cast Stone Masonry (04 70)		
	04 72 00 00-0001			Precast Concrete Lintels (04 72)		
	04 72 00 00-0002			Solid Precast Concrete Lintels (04 72 00 00-0001)		
	04 72 00 00-0003	LF		4" x 8", Solid Precast Concrete Lintel.....	17.60	
	04 72 00 00-0004	LF		6" x 8", Solid Precast Concrete Lintel.....	22.47	
	04 72 00 00-0005	LF		8" x 8", Solid Precast Concrete Lintel.....	27.77	
	04 72 00 00-0006			U Shaped Precast Concrete Lintels (04 72 00 00-0001)		
				Note: Excludes concrete fill and field added reinforcing. See CSI section 04 05 16 26-0001 for concrete fill.		
	04 72 00 00-0007	LF		6" x 8", U Shaped Precast Concrete Lintel.....	18.87	
	04 72 00 00-0008	LF		8" x 8", U Shaped Precast Concrete Lintel.....	22.89	
	04 72 00 00-0009	LF		12" x 8", U Shaped Precast Concrete Lintel.....	37.74	
	04 72 00 00-0010			Precast Concrete Coping (04 72)		
				Note: Includes caulk and ties. Excludes drilling into existing materials or other anchoring bolts.		
	04 72 00 00-0011			Precast Concrete Coping (04 72 00 00-0010)		
				Note: Measured at highest point.		
	04 72 00 00-0012	SF		2" Thick Precast Concrete Coping.....	45.45	12.49
	04 72 00 00-0013	SF		2-1/2" Thick Precast Concrete Coping.....	49.94	13.45
	04 72 00 00-0014	SF		3" Thick Precast Concrete Coping.....	57.01	14.40
	04 72 00 00-0015	SF		3-1/2" Thick Precast Concrete Coping.....	60.50	15.37
	04 72 00 00-0016	SF		4" Thick Precast Concrete Coping.....	64.02	16.33
	04 72 00 00-0017	SF		5" Thick Precast Concrete Coping.....	74.79	17.29
	04 72 00 00-0018	SF		6" Thick Precast Concrete Coping.....	83.98	18.25
	04 72 00 00-0019			Precast Concrete Window Sills (04 72)		
				Note: Includes caulk and ties.		
	04 72 00 00-0020			Precast Concrete Window Sills (04 72 00 00-0019)		
	04 72 00 00-0021	LF		6" Wide Precast Concrete Window Sill.....	32.62	9.60
	04 72 00 00-0022	LF		10" Wide Precast Concrete Window Sill.....	45.92	9.60
	04 72 00 00-0023	LF		14" Wide Precast Concrete Window Sill.....	52.93	9.60

04	04	Masonry
	04 70	Manufactured Masonry
	04 72	Cast Stone Masonry



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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END OF SECTION 04

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 Metals

05 05 Common Work Results for Metals ⁽⁰⁵⁾

05 05 19 Post-Installed Concrete Anchors ^(05 05)

See CSI section 03 15 19 00-0000 for cast-in concrete anchors.

05 05 19 00-0001	Concrete And Masonry Anchors ^(05 05 19)		
05 05 19 00-0002	Expansion Anchors ^(05 05 19 00-0001)		
	Note: Includes drilling.		
05 05 19 00-0003	Wedge Expansion Bolt Anchors ^(05 05 19 00-0002)		
05 05 19 00-0004	Zinc Plated Steel, Wedge Anchor Expansion Bolt ^(05 05 19 00-0003)		
	Note: Includes nut and washer.		
05 05 19 00-0005	EA 1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.17	
	For >10 To 50, Deduct	-0.56	
	For >50 To 100, Deduct	-1.15	
	For >100, Deduct	-2.30	
05 05 19 00-0006	EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.31	
	For >10 To 50, Deduct	-0.56	
	For >50 To 100, Deduct	-1.15	
	For >100, Deduct	-2.31	
05 05 19 00-0007	EA 1/4" Diameter x 3-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	12.70	
	For >10 To 50, Deduct	-0.58	
	For >50 To 100, Deduct	-1.19	
	For >100, Deduct	-2.37	
05 05 19 00-0008	EA 3/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	14.96	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.40	
	For >100, Deduct	-2.80	
05 05 19 00-0009	EA 3/8" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.06	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.40	
	For >100, Deduct	-2.81	
05 05 19 00-0010	EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.11	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.41	
	For >100, Deduct	-2.81	
05 05 19 00-0011	EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	15.51	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.42	
	For >100, Deduct	-2.83	
05 05 19 00-0012	EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.77	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.01	
	For >100, Deduct	-4.01	
05 05 19 00-0013	EA 1/2" Diameter x 3-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	21.85	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.01	
	For >100, Deduct	-4.02	
05 05 19 00-0014	EA 1/2" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.01	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.01	
	For >100, Deduct	-4.03	
05 05 19 00-0015	EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	22.46	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.02	
	For >100, Deduct	-4.05	
05 05 19 00-0016	EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	23.08	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.04	
	For >100, Deduct	-4.08	
05 05 19 00-0017	EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.64	
	For >10 To 50, Deduct	-1.20	
	For >50 To 100, Deduct	-2.52	
	For >100, Deduct	-5.04	
05 05 19 00-0018	EA 5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	28.78	
	For >10 To 50, Deduct	-1.20	
	For >50 To 100, Deduct	-2.53	
	For >100, Deduct	-5.05	
05 05 19 00-0019	EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.06	
	For >10 To 50, Deduct	-1.20	
	For >50 To 100, Deduct	-2.53	
	For >100, Deduct	-5.07	
05 05 19 00-0020	EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	29.61	
	For >10 To 50, Deduct	-1.20	
	For >50 To 100, Deduct	-2.55	
	For >100, Deduct	-5.09	
05 05 19 00-0021	EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	30.16	
	For >10 To 50, Deduct	-1.20	
	For >50 To 100, Deduct	-2.56	
	For >100, Deduct	-5.12	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0022	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.51	
			<i>For >10 To 50, Deduct</i>	-1.20	
			<i>For >50 To 100, Deduct</i>	-2.67	
			<i>For >100, Deduct</i>	-5.34	
05 05 19 00-0023	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	38.24	
			<i>For >10 To 50, Deduct</i>	-1.20	
			<i>For >50 To 100, Deduct</i>	-2.76	
			<i>For >100, Deduct</i>	-5.52	
05 05 19 00-0024	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.68	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.02	
			<i>For >100, Deduct</i>	-6.03	
05 05 19 00-0025	EA		3/4" Diameter x 4-3/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	34.80	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.02	
			<i>For >100, Deduct</i>	-6.04	
05 05 19 00-0026	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	35.46	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.04	
			<i>For >100, Deduct</i>	-6.07	
05 05 19 00-0027	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	36.26	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100, Deduct</i>	-6.11	
05 05 19 00-0028	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	37.18	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.08	
			<i>For >100, Deduct</i>	-6.16	
05 05 19 00-0029	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	40.66	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.17	
			<i>For >100, Deduct</i>	-6.33	
05 05 19 00-0030	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	45.29	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.28	
			<i>For >100, Deduct</i>	-6.56	
05 05 19 00-0031	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	50.52	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.41	
			<i>For >100, Deduct</i>	-6.82	
05 05 19 00-0032	EA		7/8" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	48.32	
			<i>For >10 To 50, Deduct</i>	-1.55	
			<i>For >50 To 100, Deduct</i>	-3.54	
			<i>For >100, Deduct</i>	-7.08	
05 05 19 00-0033	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	51.07	
			<i>For >10 To 50, Deduct</i>	-1.55	
			<i>For >50 To 100, Deduct</i>	-3.61	
			<i>For >100, Deduct</i>	-7.22	
05 05 19 00-0034	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	54.71	
			<i>For >10 To 50, Deduct</i>	-1.55	
			<i>For >50 To 100, Deduct</i>	-3.70	
			<i>For >100, Deduct</i>	-7.40	
05 05 19 00-0035	EA		1" Diameter x 6" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	59.40	
			<i>For >10 To 50, Deduct</i>	-2.01	
			<i>For >50 To 100, Deduct</i>	-4.50	
			<i>For >100, Deduct</i>	-9.00	
05 05 19 00-0036	EA		1" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	64.58	
			<i>For >10 To 50, Deduct</i>	-2.01	
			<i>For >50 To 100, Deduct</i>	-4.63	
			<i>For >100, Deduct</i>	-9.26	
05 05 19 00-0037	EA		1" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt.....	69.71	
			<i>For >10 To 50, Deduct</i>	-2.01	
			<i>For >50 To 100, Deduct</i>	-4.76	
			<i>For >100, Deduct</i>	-9.52	
05 05 19 00-0038	EA		1-1/4" Diameter x 9" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	77.60	
			<i>For >10 To 50, Deduct</i>	-2.58	
			<i>For >50 To 100, Deduct</i>	-5.80	
			<i>For >100, Deduct</i>	-11.61	
05 05 19 00-0039	EA		1-1/4" Diameter x 12" Length, Zinc Plated Steel, Wedge Anchor Expansion Bolt	81.30	
			<i>For >10 To 50, Deduct</i>	-2.58	
			<i>For >50 To 100, Deduct</i>	-5.90	
			<i>For >100, Deduct</i>	-11.79	
05 05 19 00-0040			304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0041	EA		1/4" Diameter x 1-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	13.84	
			<i>For >10 To 50, Deduct</i>	-0.56	
			<i>For >50 To 100, Deduct</i>	-1.19	
			<i>For >100, Deduct</i>	-2.38	
05 05 19 00-0042	EA		1/4" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.43	
			<i>For >10 To 50, Deduct</i>	-0.56	
			<i>For >50 To 100, Deduct</i>	-1.21	
			<i>For >100, Deduct</i>	-2.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0043 EA 1/4" Diameter x 3-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.10	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.25	
<i>For >100, Deduct</i>	-2.49	
05 05 19 00-0044 EA 3/8" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.01	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.48	
<i>For >100, Deduct</i>	-2.96	
05 05 19 00-0045 EA 3/8" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.52	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.49	
<i>For >100, Deduct</i>	-2.98	
05 05 19 00-0046 EA 3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	18.89	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.50	
<i>For >100, Deduct</i>	-3.00	
05 05 19 00-0047 EA 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	21.68	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.57	
<i>For >100, Deduct</i>	-3.14	
05 05 19 00-0048 EA 1/2" Diameter x 2-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	28.51	
<i>For >10 To 50, Deduct</i>	-0.98	
<i>For >50 To 100, Deduct</i>	-2.18	
<i>For >100, Deduct</i>	-4.35	
05 05 19 00-0049 EA 1/2" Diameter x 3-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	29.48	
<i>For >10 To 50, Deduct</i>	-0.98	
<i>For >50 To 100, Deduct</i>	-2.20	
<i>For >100, Deduct</i>	-4.40	
05 05 19 00-0050 EA 1/2" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	30.03	
<i>For >10 To 50, Deduct</i>	-0.98	
<i>For >50 To 100, Deduct</i>	-2.21	
<i>For >100, Deduct</i>	-4.43	
05 05 19 00-0051 EA 1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	32.57	
<i>For >10 To 50, Deduct</i>	-0.98	
<i>For >50 To 100, Deduct</i>	-2.28	
<i>For >100, Deduct</i>	-4.55	
05 05 19 00-0052 EA 1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	36.38	
<i>For >10 To 50, Deduct</i>	-0.98	
<i>For >50 To 100, Deduct</i>	-2.37	
<i>For >100, Deduct</i>	-4.74	
05 05 19 00-0053 EA 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	42.35	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-2.86	
<i>For >100, Deduct</i>	-5.73	
05 05 19 00-0054 EA 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	44.83	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-2.93	
<i>For >100, Deduct</i>	-5.85	
05 05 19 00-0055 EA 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	47.51	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-2.99	
<i>For >100, Deduct</i>	-5.99	
05 05 19 00-0056 EA 5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	51.08	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-3.08	
<i>For >100, Deduct</i>	-6.17	
05 05 19 00-0057 EA 5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	66.73	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-3.47	
<i>For >100, Deduct</i>	-6.95	
05 05 19 00-0058 EA 3/4" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	50.59	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.41	
<i>For >100, Deduct</i>	-6.83	
05 05 19 00-0059 EA 3/4" Diameter x 4-3/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	55.63	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.54	
<i>For >100, Deduct</i>	-7.08	
05 05 19 00-0060 EA 3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	59.93	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.65	
<i>For >100, Deduct</i>	-7.29	
05 05 19 00-0061 EA 3/4" Diameter x 6-1/4" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	60.46	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.66	
<i>For >100, Deduct</i>	-7.32	
05 05 19 00-0062 EA 3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	64.50	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.76	
<i>For >100, Deduct</i>	-7.52	
05 05 19 00-0063 EA 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	74.98	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-4.02	
<i>For >100, Deduct</i>	-8.05	
05 05 19 00-0064 EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	89.77	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-4.39	
<i>For >100, Deduct</i>	-8.79	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 19 00-0065	EA 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	89.46	
	For >10 To 50, Deduct	-1.55	
	For >50 To 100, Deduct	-4.57	
	For >100, Deduct	-9.14	
05 05 19 00-0066	EA 1" Diameter x 6" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	131.79	
	For >10 To 50, Deduct	-2.01	
	For >50 To 100, Deduct	-6.31	
	For >100, Deduct	-12.62	
05 05 19 00-0067	EA 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Wedge Anchor Expansion Bolt.....	153.67	
	For >10 To 50, Deduct	-2.01	
	For >50 To 100, Deduct	-6.86	
	For >100, Deduct	-13.72	
05 05 19 00-0068	316 Stainless Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
	Note: Includes nut and washer.		
05 05 19 00-0069	EA 1/4" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	14.35	
	For >10 To 50, Deduct	-0.56	
	For >50 To 100, Deduct	-1.20	
	For >100, Deduct	-2.41	
05 05 19 00-0070	EA 1/4" Diameter x 3-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	15.33	
	For >10 To 50, Deduct	-0.58	
	For >50 To 100, Deduct	-1.25	
	For >100, Deduct	-2.50	
05 05 19 00-0071	EA 3/8" Diameter x 2-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	19.67	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.52	
	For >100, Deduct	-3.04	
05 05 19 00-0072	EA 3/8" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.55	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.54	
	For >100, Deduct	-3.08	
05 05 19 00-0073	EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	20.78	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.55	
	For >100, Deduct	-3.10	
05 05 19 00-0074	EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	24.98	
	For >10 To 50, Deduct	-0.69	
	For >50 To 100, Deduct	-1.65	
	For >100, Deduct	-3.31	
05 05 19 00-0075	EA 1/2" Diameter x 2-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	32.53	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.28	
	For >100, Deduct	-4.55	
05 05 19 00-0076	EA 1/2" Diameter x 3-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	34.96	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.34	
	For >100, Deduct	-4.67	
05 05 19 00-0077	EA 1/2" Diameter x 4-1/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	39.39	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.45	
	For >100, Deduct	-4.89	
05 05 19 00-0078	EA 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	40.50	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.48	
	For >100, Deduct	-4.95	
05 05 19 00-0079	EA 5/8" Diameter x 5" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	55.91	
	For >10 To 50, Deduct	-1.20	
	For >50 To 100, Deduct	-3.20	
	For >100, Deduct	-6.41	
05 05 19 00-0080	EA 5/8" Diameter x 7" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	57.24	
	For >10 To 50, Deduct	-1.20	
	For >50 To 100, Deduct	-3.24	
	For >100, Deduct	-6.47	
05 05 19 00-0081	EA 3/4" Diameter x 4-3/4" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	69.56	
	For >10 To 50, Deduct	-1.43	
	For >50 To 100, Deduct	-3.89	
	For >100, Deduct	-7.78	
05 05 19 00-0082	EA 3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Wedge Anchor Expansion Bolt.....	75.09	
	For >10 To 50, Deduct	-1.43	
	For >50 To 100, Deduct	-4.03	
	For >100, Deduct	-8.05	
05 05 19 00-0083	Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt <small>(05 05 19 00-0003)</small>		
	Note: Includes nut and washer.		
05 05 19 00-0084	EA 1/2" Diameter x 2-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	25.29	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.09	
	For >100, Deduct	-4.19	
05 05 19 00-0085	EA 1/2" Diameter x 4-1/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	26.81	
	For >10 To 50, Deduct	-0.98	
	For >50 To 100, Deduct	-2.13	
	For >100, Deduct	-4.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0086 EA 1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	28.34	
<i>For >10 To 50, Deduct</i>	-0.98	
<i>For >50 To 100, Deduct</i>	-2.17	
<i>For >100, Deduct</i>	-4.34	
05 05 19 00-0087 EA 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	29.10	
<i>For >10 To 50, Deduct</i>	-0.98	
<i>For >50 To 100, Deduct</i>	-2.19	
<i>For >100, Deduct</i>	-4.38	
05 05 19 00-0088 EA 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	35.05	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-2.68	
<i>For >100, Deduct</i>	-5.36	
05 05 19 00-0089 EA 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	33.22	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-2.64	
<i>For >100, Deduct</i>	-5.27	
05 05 19 00-0090 EA 3/4" Diameter x 4-3/4" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	45.73	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.29	
<i>For >100, Deduct</i>	-6.58	
05 05 19 00-0091 EA 3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	47.41	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.33	
<i>For >100, Deduct</i>	-6.67	
05 05 19 00-0092 EA 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt	55.65	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.54	
<i>For >100, Deduct</i>	-7.08	
05 05 19 00-0093 EA 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	57.80	
<i>For >10 To 50, Deduct</i>	-2.01	
<i>For >50 To 100, Deduct</i>	-4.46	
<i>For >100, Deduct</i>	-8.92	
05 05 19 00-0094 EA 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	62.55	
<i>For >10 To 50, Deduct</i>	-2.01	
<i>For >50 To 100, Deduct</i>	-4.58	
<i>For >100, Deduct</i>	-9.16	
05 05 19 00-0095 EA 1" Diameter x 12" Length, Hot Dipped Galvanized Steel, Wedge Anchor Expansion Bolt.....	67.25	
<i>For >10 To 50, Deduct</i>	-2.01	
<i>For >50 To 100, Deduct</i>	-4.70	
<i>For >100, Deduct</i>	-9.40	
05 05 19 00-0096 Concrete Sleeve Anchors <small>(05 05 19 00-0002)</small>		
05 05 19 00-0097 Zinc Plated Steel, Concrete Sleeve Anchors <small>(05 05 19 00-0096)</small>		
Note: Includes nut and washer.		
05 05 19 00-0098 EA 1/4" Diameter x 5/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.17	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.17	
<i>For >100, Deduct</i>	-2.34	
05 05 19 00-0099 EA 1/4" Diameter x 1-3/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.37	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.17	
<i>For >100, Deduct</i>	-2.35	
05 05 19 00-0100 EA 1/4" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.61	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.18	
<i>For >100, Deduct</i>	-2.36	
05 05 19 00-0101 EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	12.84	
<i>For >10 To 50, Deduct</i>	-0.61	
<i>For >50 To 100, Deduct</i>	-1.23	
<i>For >100, Deduct</i>	-2.46	
05 05 19 00-0102 EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	13.02	
<i>For >10 To 50, Deduct</i>	-0.61	
<i>For >50 To 100, Deduct</i>	-1.23	
<i>For >100, Deduct</i>	-2.47	
05 05 19 00-0103 EA 3/8" Diameter x 1-7/8" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.55	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.39	
<i>For >100, Deduct</i>	-2.78	
05 05 19 00-0104 EA 3/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	14.88	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.40	
<i>For >100, Deduct</i>	-2.80	
05 05 19 00-0105 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	15.20	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.41	
<i>For >100, Deduct</i>	-2.82	
05 05 19 00-0106 EA 1/2" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.03	
<i>For >10 To 50, Deduct</i>	-0.97	
<i>For >50 To 100, Deduct</i>	-1.99	
<i>For >100, Deduct</i>	-3.97	
05 05 19 00-0107 EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.45	
<i>For >10 To 50, Deduct</i>	-0.97	
<i>For >50 To 100, Deduct</i>	-2.00	
<i>For >100, Deduct</i>	-3.99	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0108	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	21.81	
			<i>For >10 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-2.01	
			<i>For >100, Deduct</i>	-4.01	
05 05 19 00-0109	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	22.24	
			<i>For >10 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-2.02	
			<i>For >100, Deduct</i>	-4.03	
05 05 19 00-0110	EA		5/8" Diameter x 2-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	26.47	
			<i>For >10 To 50, Deduct</i>	-1.20	
			<i>For >50 To 100, Deduct</i>	-2.47	
			<i>For >100, Deduct</i>	-4.93	
05 05 19 00-0111	EA		5/8" Diameter x 3" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.10	
			<i>For >10 To 50, Deduct</i>	-1.20	
			<i>For >50 To 100, Deduct</i>	-2.48	
			<i>For >100, Deduct</i>	-4.97	
05 05 19 00-0112	EA		5/8" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	27.58	
			<i>For >10 To 50, Deduct</i>	-1.20	
			<i>For >50 To 100, Deduct</i>	-2.49	
			<i>For >100, Deduct</i>	-4.99	
05 05 19 00-0113	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Sleeve Anchor	28.95	
			<i>For >10 To 50, Deduct</i>	-1.20	
			<i>For >50 To 100, Deduct</i>	-2.53	
			<i>For >100, Deduct</i>	-5.06	
05 05 19 00-0114	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	32.64	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-2.96	
			<i>For >100, Deduct</i>	-5.93	
05 05 19 00-0115	EA		3/4" Diameter x 4-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	33.82	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-2.99	
			<i>For >100, Deduct</i>	-5.99	
05 05 19 00-0116	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Concrete Sleeve Anchor	34.89	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.02	
			<i>For >100, Deduct</i>	-6.04	
05 05 19 00-0117	EA		3/4" Diameter x 6-1/4" Length, Zinc Plated Steel, Concrete Sleeve Anchor	36.58	
			<i>For >10 To 50, Deduct</i>	-1.43	
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100, Deduct</i>	-6.13	
05 05 19 00-0118			304/18-8 Stainless Steel, Concrete Sleeve Anchors <small>(05 05 19 00-0096)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0119	EA		1/4" Diameter x 1-3/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	14.69	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.23	
			<i>For >100, Deduct</i>	-2.46	
05 05 19 00-0120	EA		3/8" Diameter x 1-7/8" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	19.64	
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.52	
			<i>For >100, Deduct</i>	-3.04	
05 05 19 00-0121	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	22.00	
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.58	
			<i>For >100, Deduct</i>	-3.16	
05 05 19 00-0122	EA		1/2" Diameter x 2-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	29.56	
			<i>For >10 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-2.20	
			<i>For >100, Deduct</i>	-4.40	
05 05 19 00-0123	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	33.80	
			<i>For >10 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-2.31	
			<i>For >100, Deduct</i>	-4.61	
05 05 19 00-0124	EA		5/8" Diameter x 4-1/4" Length, 304/18-8 Stainless Steel, Concrete Sleeve Anchor	47.11	
			<i>For >10 To 50, Deduct</i>	-1.20	
			<i>For >50 To 100, Deduct</i>	-2.98	
			<i>For >100, Deduct</i>	-5.97	
05 05 19 00-0125			Concrete Strike Anchors <small>(05 05 19 00-0002)</small>		
			Note: Includes nut and washer.		
05 05 19 00-0126	EA		1/4" Diameter x 1-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	13.13	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.19	
			<i>For >100, Deduct</i>	-2.38	
05 05 19 00-0127	EA		1/4" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor	13.47	
			<i>For >10 To 50, Deduct</i>	-0.58	
			<i>For >50 To 100, Deduct</i>	-1.20	
			<i>For >100, Deduct</i>	-2.40	
05 05 19 00-0128	EA		5/16" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor	14.03	
			<i>For >10 To 50, Deduct</i>	-0.61	
			<i>For >50 To 100, Deduct</i>	-1.26	
			<i>For >100, Deduct</i>	-2.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0129 EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor 15.41 <i>For >10 To 50, Deduct -0.61</i> <i>For >50 To 100, Deduct -1.29</i> <i>For >100, Deduct -2.59</i>		
05 05 19 00-0130 EA 3/8" Diameter x 2-3/8" Length, Zinc Plated Steel, Concrete Strike Anchor 16.05 <i>For >10 To 50, Deduct -0.69</i> <i>For >50 To 100, Deduct -1.43</i> <i>For >100, Deduct -2.86</i>		
05 05 19 00-0131 EA 3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor 17.08 <i>For >10 To 50, Deduct -0.69</i> <i>For >50 To 100, Deduct -1.45</i> <i>For >100, Deduct -2.91</i>		
05 05 19 00-0132 EA 3/8" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor 17.88 <i>For >10 To 50, Deduct -0.69</i> <i>For >50 To 100, Deduct -1.47</i> <i>For >100, Deduct -2.95</i>		
05 05 19 00-0133 EA 1/2" Diameter x 2-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor 23.59 <i>For >10 To 50, Deduct -0.97</i> <i>For >50 To 100, Deduct -2.05</i> <i>For >100, Deduct -4.10</i>		
05 05 19 00-0134 EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Concrete Strike Anchor 24.21 <i>For >10 To 50, Deduct -0.97</i> <i>For >50 To 100, Deduct -2.07</i> <i>For >100, Deduct -4.13</i>		
05 05 19 00-0135 EA 1/2" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor 26.03 <i>For >10 To 50, Deduct -0.97</i> <i>For >50 To 100, Deduct -2.11</i> <i>For >100, Deduct -4.22</i>		
05 05 19 00-0136 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor 28.37 <i>For >10 To 50, Deduct -0.97</i> <i>For >50 To 100, Deduct -2.17</i> <i>For >100, Deduct -4.34</i>		
05 05 19 00-0137 EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Concrete Strike Anchor 31.91 <i>For >10 To 50, Deduct -1.20</i> <i>For >50 To 100, Deduct -2.60</i> <i>For >100, Deduct -5.21</i>		
05 05 19 00-0138 EA 5/8" Diameter x 4-3/4" Length, Zinc Plated Steel, Concrete Strike Anchor 34.08 <i>For >10 To 50, Deduct -1.20</i> <i>For >50 To 100, Deduct -2.66</i> <i>For >100, Deduct -5.31</i>		
05 05 19 00-0139 EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor 36.00 <i>For >10 To 50, Deduct -1.20</i> <i>For >50 To 100, Deduct -2.71</i> <i>For >100, Deduct -5.41</i>		
05 05 19 00-0140 EA 3/4" Diameter x 5" Length, Zinc Plated Steel, Concrete Strike Anchor 41.68 <i>For >10 To 50, Deduct -1.43</i> <i>For >50 To 100, Deduct -3.19</i> <i>For >100, Deduct -6.38</i>		
05 05 19 00-0141 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Concrete Strike Anchor 43.71 <i>For >10 To 50, Deduct -1.43</i> <i>For >50 To 100, Deduct -3.24</i> <i>For >100, Deduct -6.48</i>		
05 05 19 00-0142 Multi-Set Drop-In Anchors (05 05 19 00-0002)		
05 05 19 00-0143 Zinc Plated Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142) Note: Excludes bolt, nut and washer.		
05 05 19 00-0144 EA 1/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor 16.90 <i>For >10 To 50, Deduct -0.80</i> <i>For >50 To 100, Deduct -1.63</i> <i>For >100, Deduct -3.25</i>		
05 05 19 00-0145 EA 3/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor 20.69 <i>For >10 To 50, Deduct -0.98</i> <i>For >50 To 100, Deduct -1.98</i> <i>For >100, Deduct -3.97</i>		
05 05 19 00-0146 EA 1/2" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor 25.47 <i>For >10 To 50, Deduct -1.15</i> <i>For >50 To 100, Deduct -2.37</i> <i>For >100, Deduct -4.73</i>		
05 05 19 00-0147 EA 5/8" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor 29.14 <i>For >10 To 50, Deduct -1.27</i> <i>For >50 To 100, Deduct -2.63</i> <i>For >100, Deduct -5.26</i>		
05 05 19 00-0148 EA 3/4" Bolt Diameter, Zinc Plated Steel, Multi-Set Drop-In Anchor 35.37 <i>For >10 To 50, Deduct -1.44</i> <i>For >50 To 100, Deduct -3.05</i> <i>For >100, Deduct -6.09</i>		
05 05 19 00-0149 304/18-8 Stainless Steel, Multi-Set Drop-In Anchors (05 05 19 00-0142) Note: Excludes bolt, nut and washer.		
05 05 19 00-0150 EA 1/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor 22.00 <i>For >10 To 50, Deduct -0.80</i> <i>For >50 To 100, Deduct -1.75</i> <i>For >100, Deduct -3.51</i>		

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 05 19 00-0151	EA	3/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor		30.23	
		<i>For >10 To 50, Deduct</i>		-0.98	
		<i>For >50 To 100, Deduct</i>		-2.22	
		<i>For >100, Deduct</i>		-4.45	
05 05 19 00-0152	EA	1/2" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor		38.21	
		<i>For >10 To 50, Deduct</i>		-1.15	
		<i>For >50 To 100, Deduct</i>		-2.68	
		<i>For >100, Deduct</i>		-5.37	
05 05 19 00-0153	EA	5/8" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor		49.64	
		<i>For >10 To 50, Deduct</i>		-1.27	
		<i>For >50 To 100, Deduct</i>		-3.14	
		<i>For >100, Deduct</i>		-6.28	
05 05 19 00-0154	EA	3/4" Bolt Diameter, 304/18-8 Stainless Steel, Multi-Set Drop-In Anchor		70.61	
		<i>For >10 To 50, Deduct</i>		-1.44	
		<i>For >50 To 100, Deduct</i>		-3.93	
		<i>For >100, Deduct</i>		-7.85	
05 05 19 00-0155 Single Bolt Expansion Anchors (05 05 19 00-0002)					
Note: Excludes bolt, nut and washer.					
05 05 19 00-0156	EA	1/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor		12.46	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.18	
		<i>For >100, Deduct</i>		-2.35	
05 05 19 00-0157	EA	5/16" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor		13.38	
		<i>For >10 To 50, Deduct</i>		-0.61	
		<i>For >50 To 100, Deduct</i>		-1.24	
		<i>For >100, Deduct</i>		-2.48	
05 05 19 00-0158	EA	3/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor		15.13	
		<i>For >10 To 50, Deduct</i>		-0.69	
		<i>For >50 To 100, Deduct</i>		-1.41	
		<i>For >100, Deduct</i>		-2.81	
05 05 19 00-0159	EA	1/2" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor		22.24	
		<i>For >10 To 50, Deduct</i>		-0.97	
		<i>For >50 To 100, Deduct</i>		-2.02	
		<i>For >100, Deduct</i>		-4.03	
05 05 19 00-0160	EA	5/8" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor		31.65	
		<i>For >10 To 50, Deduct</i>		-1.20	
		<i>For >50 To 100, Deduct</i>		-2.60	
		<i>For >100, Deduct</i>		-5.19	
05 05 19 00-0161	EA	3/4" Bolt Diameter, Zinc Plated Steel, Single Bolt Expansion Anchor		38.28	
		<i>For >10 To 50, Deduct</i>		-1.43	
		<i>For >50 To 100, Deduct</i>		-3.11	
		<i>For >100, Deduct</i>		-6.21	
05 05 19 00-0162 Concrete Lag Shield Anchors (05 05 19 00-0002)					
Note: Excludes lag bolt and washer.					
05 05 19 00-0163	EA	1/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		12.55	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.18	
		<i>For >100, Deduct</i>		-2.36	
05 05 19 00-0164	EA	5/16" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		14.93	
		<i>For >10 To 50, Deduct</i>		-0.69	
		<i>For >50 To 100, Deduct</i>		-1.40	
		<i>For >100, Deduct</i>		-2.80	
05 05 19 00-0165	EA	3/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		15.76	
		<i>For >10 To 50, Deduct</i>		-0.69	
		<i>For >50 To 100, Deduct</i>		-1.42	
		<i>For >100, Deduct</i>		-2.84	
05 05 19 00-0166	EA	1/2" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		22.18	
		<i>For >10 To 50, Deduct</i>		-0.97	
		<i>For >50 To 100, Deduct</i>		-2.02	
		<i>For >100, Deduct</i>		-4.03	
05 05 19 00-0167	EA	5/8" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		30.35	
		<i>For >10 To 50, Deduct</i>		-1.20	
		<i>For >50 To 100, Deduct</i>		-2.56	
		<i>For >100, Deduct</i>		-5.13	
05 05 19 00-0168	EA	3/4" Bolt Diameter, Zinc Plated Steel, Concrete Lag Shield Anchor		33.60	
		<i>For >10 To 50, Deduct</i>		-1.43	
		<i>For >50 To 100, Deduct</i>		-2.99	
		<i>For >100, Deduct</i>		-5.98	
05 05 19 00-0169 Chemical And Adhesive Anchors (05 05 19 00-0001)					
05 05 19 00-0170 Chemically Adhered Anchor Rods (05 05 19 00-0169)					
Note: Includes drilling hole, injected adhesive or pre-placed adhesive cartridge, nut and washer. Zinc coated carbon steel.					
05 05 19 00-0171	EA	1/4" x 1-9/16" Long Chemically Adhered Anchor Rod		16.52	
		<i>For >10 To 50, Deduct</i>		-0.63	
		<i>For >50 To 100, Deduct</i>		-1.36	
		<i>For >100, Deduct</i>		-2.73	
05 05 19 00-0172	EA	5/16" x 2-3/8" Long Chemically Adhered Anchor Rod		19.42	
		<i>For >10 To 50, Deduct</i>		-0.69	
		<i>For >50 To 100, Deduct</i>		-1.52	
		<i>For >100, Deduct</i>		-3.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0173 EA 3/8" x 2-3/4" Long Chemically Adhered Anchor Rod	24.08	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.90	
<i>For >100, Deduct</i>	-3.80	
05 05 19 00-0174 EA 1/2" x 3-11/16" Long Chemically Adhered Anchor Rod	28.44	
<i>For >10 To 50, Deduct</i>	-0.97	
<i>For >50 To 100, Deduct</i>	-2.17	
<i>For >100, Deduct</i>	-4.34	
05 05 19 00-0175 EA 1/2" x 5-1/2" Long Chemically Adhered Anchor Rod	30.48	
<i>For >10 To 50, Deduct</i>	-0.97	
<i>For >50 To 100, Deduct</i>	-2.22	
<i>For >100, Deduct</i>	-4.45	
05 05 19 00-0176 EA 5/8" x 7" Long Chemically Adhered Anchor Rod.....	37.73	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-2.75	
<i>For >100, Deduct</i>	-5.50	
05 05 19 00-0177 EA 3/4" x 9-1/2" Long Chemically Adhered Anchor Rod	49.80	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.39	
<i>For >100, Deduct</i>	-6.79	
05 05 19 00-0178 EA 7/8" x 10" Long Chemically Adhered Anchor Rod.....	59.92	
<i>For >10 To 50, Deduct</i>	-1.55	
<i>For >50 To 100, Deduct</i>	-3.82	
<i>For >100, Deduct</i>	-7.65	
05 05 19 00-0179 EA 1" x 11-3/4" Long Chemically Adhered Anchor Rod	82.54	
<i>For >10 To 50, Deduct</i>	-2.01	
<i>For >50 To 100, Deduct</i>	-5.08	
<i>For >100, Deduct</i>	-10.16	
05 05 19 00-0180 EA 1-1/4" x 14" Long Chemically Adhered Anchor Rod	120.64	
<i>For >10 To 50, Deduct</i>	-2.54	
<i>For >50 To 100, Deduct</i>	-6.82	
<i>For >100, Deduct</i>	-13.64	
05 05 19 00-0181 Chemical Adhesives For Bolts, Dowels Or Threaded Rod <small>(05 05 19 00-0169)</small>		
<small>Note: Injected or drop in cartridge. Sizes listed are for the diameter of the bolt, dowel or rod to be anchored. Includes drilling. Drill a hole 1/16" to 1/4" larger than the diameter of the thread and a depth a minimum of 4-1/2 times the diameter of the bolt. Excludes bolt, dowel or rod.</small>		
05 05 19 00-0182 EA 1/4" Chemical Adhesive For Bolt Or Threaded Rod	13.16	
<i>For >10 To 50, Deduct</i>	-0.63	
<i>For >50 To 100, Deduct</i>	-1.28	
<i>For >100, Deduct</i>	-2.56	
05 05 19 00-0183 EA 5/16" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	14.42	
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.40	
<i>For >100, Deduct</i>	-2.80	
05 05 19 00-0184 EA 3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	16.93	
<i>For >10 To 50, Deduct</i>	-0.81	
<i>For >50 To 100, Deduct</i>	-1.63	
<i>For >100, Deduct</i>	-3.27	
05 05 19 00-0185 EA 1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	20.60	
<i>For >10 To 50, Deduct</i>	-0.97	
<i>For >50 To 100, Deduct</i>	-1.98	
<i>For >100, Deduct</i>	-3.95	
05 05 19 00-0186 EA 5/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	23.57	
<i>For >10 To 50, Deduct</i>	-1.04	
<i>For >50 To 100, Deduct</i>	-2.15	
<i>For >100, Deduct</i>	-4.31	
05 05 19 00-0187 EA 3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	30.34	
<i>For >10 To 50, Deduct</i>	-1.28	
<i>For >50 To 100, Deduct</i>	-2.68	
<i>For >100, Deduct</i>	-5.36	
05 05 19 00-0188 EA 7/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	33.76	
<i>For >10 To 50, Deduct</i>	-1.37	
<i>For >50 To 100, Deduct</i>	-2.90	
<i>For >100, Deduct</i>	-5.80	
05 05 19 00-0189 EA 1" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....	42.58	
<i>For >10 To 50, Deduct</i>	-1.65	
<i>For >50 To 100, Deduct</i>	-3.55	
<i>For >100, Deduct</i>	-7.09	
05 05 19 00-0190 EA 1-1/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	47.53	
<i>For >10 To 50, Deduct</i>	-1.79	
<i>For >50 To 100, Deduct</i>	-3.88	
<i>For >100, Deduct</i>	-7.75	
05 05 19 00-0191 EA 1-1/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	55.77	
<i>For >10 To 50, Deduct</i>	-2.03	
<i>For >50 To 100, Deduct</i>	-4.44	
<i>For >100, Deduct</i>	-8.87	
05 05 19 00-0192 EA 1-3/8" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	63.26	
<i>For >10 To 50, Deduct</i>	-2.21	
<i>For >50 To 100, Deduct</i>	-4.90	
<i>For >100, Deduct</i>	-9.80	
05 05 19 00-0193 EA 1-1/2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod	73.51	
<i>For >10 To 50, Deduct</i>	-2.41	
<i>For >50 To 100, Deduct</i>	-5.45	
<i>For >100, Deduct</i>	-10.90	

05 Metals**05 05 Common Work Results for Metals****05 05 19 Post-Installed Concrete Anchors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 05 19 00-0194	EA	1-3/4" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....		94.59	
		<i>For >10 To 50, Deduct</i>		-2.83	
		<i>For >50 To 100, Deduct</i>		-6.61	
		<i>For >100, Deduct</i>		-13.22	
05 05 19 00-0195	EA	2" Chemical Adhesive For Bolt, Dowel Or Threaded Rod.....		144.34	
		<i>For >10 To 50, Deduct</i>		-3.42	
		<i>For >50 To 100, Deduct</i>		-8.73	
		<i>For >100, Deduct</i>		-17.47	
05 05 19 00-0196		Grout Concrete Anchor Bolt Or Threaded Rod (05 05 19 00-0169)			
05 05 19 00-0197	EA	Grout Concrete Anchor Bolt or Threaded Rod.....		4.49	
		<i>For >10 To 50, Deduct</i>		-0.22	
		<i>For >50 To 100, Deduct</i>		-0.44	
		<i>For >100, Deduct</i>		-0.88	
05 05 19 00-0198		Other Concrete And Masonry Anchors (05 05 19 00-0001)			
05 05 19 00-0199		Tapcon Masonry Screws (05 05 19 00-0198)			
		Note: Includes drilling. Countersunk or hex head.			
05 05 19 00-0200	EA	3/16" x 1-1/4" Tapcon Masonry Screw.....		11.90	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.16	
		<i>For >100, Deduct</i>		-2.32	
05 05 19 00-0201	EA	3/16" x 2-1/4" Tapcon Masonry Screw.....		12.00	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.16	
		<i>For >100, Deduct</i>		-2.33	
05 05 19 00-0202	EA	3/16" x 3-1/4" Tapcon Masonry Screw.....		12.22	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.17	
		<i>For >100, Deduct</i>		-2.34	
05 05 19 00-0203	EA	1/4" x 1-1/4" Tapcon Masonry Screw.....		12.02	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.16	
		<i>For >100, Deduct</i>		-2.33	
05 05 19 00-0204	EA	1/4" x 2-1/4" Tapcon Masonry Screw.....		12.14	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.17	
		<i>For >100, Deduct</i>		-2.34	
05 05 19 00-0205	EA	1/4" x 3-1/4" Tapcon Masonry Screw.....		12.40	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.17	
		<i>For >100, Deduct</i>		-2.35	
05 05 19 00-0206		Large Diameter, Self-Threading Concrete Fasteners (05 05 19 00-0199)			
		Note: Includes drilling. Zinc plated.			
05 05 19 00-0207	EA	3/8" x 1-3/4", Large Diameter, Self-Threading Concrete Fastener.....		12.83	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.18	
		<i>For >100, Deduct</i>		-2.37	
05 05 19 00-0208	EA	3/8" x 2-1/2", Large Diameter, Self-Threading Concrete Fastener.....		13.31	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.20	
		<i>For >100, Deduct</i>		-2.39	
05 05 19 00-0209	EA	3/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....		13.44	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.20	
		<i>For >100, Deduct</i>		-2.40	
05 05 19 00-0210	EA	3/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....		13.66	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.21	
		<i>For >100, Deduct</i>		-2.41	
05 05 19 00-0211	EA	3/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....		13.86	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.21	
		<i>For >100, Deduct</i>		-2.42	
05 05 19 00-0212	EA	1/2" x 3", Large Diameter, Self-Threading Concrete Fastener.....		14.27	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.22	
		<i>For >100, Deduct</i>		-2.44	
05 05 19 00-0213	EA	1/2" x 4", Large Diameter, Self-Threading Concrete Fastener.....		14.78	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.23	
		<i>For >100, Deduct</i>		-2.47	
05 05 19 00-0214	EA	1/2" x 5", Large Diameter, Self-Threading Concrete Fastener.....		15.24	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.25	
		<i>For >100, Deduct</i>		-2.49	
05 05 19 00-0215	EA	1/2" x 6", Large Diameter, Self-Threading Concrete Fastener.....		16.55	
		<i>For >10 To 50, Deduct</i>		-0.58	
		<i>For >50 To 100, Deduct</i>		-1.28	
		<i>For >100, Deduct</i>		-2.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 19 00-0216 EA 5/8" x 3", Large Diameter, Self-Threading Concrete Fastener.....	16.71	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.28	
<i>For >100, Deduct</i>	-2.56	
05 05 19 00-0217 EA 5/8" x 4", Large Diameter, Self-Threading Concrete Fastener.....	17.51	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.30	
<i>For >100, Deduct</i>	-2.60	
05 05 19 00-0218 EA 5/8" x 5", Large Diameter, Self-Threading Concrete Fastener.....	18.32	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.32	
<i>For >100, Deduct</i>	-2.64	
05 05 19 00-0219 EA 5/8" x 6", Large Diameter, Self-Threading Concrete Fastener.....	18.85	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.34	
<i>For >100, Deduct</i>	-2.67	
05 05 19 00-0220 EA 3/4" x 4-1/2", Large Diameter, Self-Threading Concrete Fastener.....	18.62	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.33	
<i>For >100, Deduct</i>	-2.66	
05 05 19 00-0221 EA 3/4" x 5-1/2", Large Diameter, Self-Threading Concrete Fastener.....	19.38	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.35	
<i>For >100, Deduct</i>	-2.70	
05 05 19 00-0222 EA 3/4" x 6-1/4", Large Diameter, Self-Threading Concrete Fastener.....	21.15	
<i>For >10 To 50, Deduct</i>	-0.58	
<i>For >50 To 100, Deduct</i>	-1.39	
<i>For >100, Deduct</i>	-2.79	
05 05 19 00-0223 Pin Bolt Drives <small>(05 05 19 00-0198)</small>		
Note: Includes drilling. Zinc plated.		
05 05 19 00-0224 EA 1/4" x 1" Pin Bolt Drive.....	7.49	
<i>For >10 To 50, Deduct</i>	-0.35	
<i>For >50 To 100, Deduct</i>	-0.71	
<i>For >100, Deduct</i>	-1.41	
05 05 19 00-0225 EA 1/4" x 1-1/4" Pin Bolt Drive.....	7.49	
<i>For >10 To 50, Deduct</i>	-0.35	
<i>For >50 To 100, Deduct</i>	-0.71	
<i>For >100, Deduct</i>	-1.41	
05 05 19 00-0226 EA 1/4" x 1-1/2" Pin Bolt Drive.....	7.57	
<i>For >10 To 50, Deduct</i>	-0.35	
<i>For >50 To 100, Deduct</i>	-0.71	
<i>For >100, Deduct</i>	-1.42	
05 05 19 00-0227 EA 1/4" x 2" Pin Bolt Drive.....	7.59	
<i>For >10 To 50, Deduct</i>	-0.35	
<i>For >50 To 100, Deduct</i>	-0.71	
<i>For >100, Deduct</i>	-1.42	
05 05 19 00-0228 Powder Actuated, Shot-In Place Anchors <small>(05 05 19 00-0198)</small>		
05 05 19 00-0229 EA 0.15" Diameter x 1/2" Length, Stud Powder Actuated Anchor.....	1.91	
<i>For >10 To 50, Deduct</i>	-0.08	
<i>For >50 To 100, Deduct</i>	-0.16	
<i>For >100, Deduct</i>	-0.33	
05 05 19 00-0230 EA 0.15" Diameter x 3/4" Length, Stud Powder Actuated Anchor.....	2.03	
<i>For >10 To 50, Deduct</i>	-0.08	
<i>For >50 To 100, Deduct</i>	-0.17	
<i>For >100, Deduct</i>	-0.34	
05 05 19 00-0231 EA 0.15"/0.18" Diameter x 1" Length, Stud Powder Actuated Anchor.....	2.21	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.19	
<i>For >100, Deduct</i>	-0.37	
05 05 19 00-0232 EA 0.15"/0.18" Diameter x 1-1/4" Length, Stud Powder Actuated Anchor.....	2.47	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.20	
<i>For >100, Deduct</i>	-0.40	
05 05 19 00-0233 EA 0.15"/0.18" Diameter x 1-7/8" Length, Stud Powder Actuated Anchor.....	2.63	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.20	
<i>For >100, Deduct</i>	-0.41	
05 05 19 00-0234 Powder Actuated, Shot-In Place Anchors With Exposed Thread <small>(05 05 19 00-0198)</small>		
05 05 19 00-0235 EA 0.145" Diameter x 1" Long Shank, 3/4" Thread Length, 1/4" - 20 Treaded Stud Powder Actuated Anchor.....	2.33	
<i>For >10 To 50, Deduct</i>	-0.08	
<i>For >50 To 100, Deduct</i>	-0.18	
<i>For >100, Deduct</i>	-0.36	
05 05 19 00-0236 EA 0.205" Diameter x 1-1/6" Long Shank, 1" Thread Length, 3/8" - 16 Treaded Stud Powder Actuated Anchor.....	3.22	
<i>For >10 To 50, Deduct</i>	-0.10	
<i>For >50 To 100, Deduct</i>	-0.23	
<i>For >100, Deduct</i>	-0.46	

05 05 21 Fastening Methods for Metal (05 05)

05 Metals**05 05 Common Work Results for Metals****05 05 21 Fastening Methods for Metal**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 05 21 00-0001		Welding <small>(05 05 21)</small>		
05 05 21 00-0002		Minimum Charge For Welding <small>(05 05 21 00-0001)</small>		
05 05 21 00-0003	EA	Welding Minimum Charge.....	463.40	
		Note: For projects where the total welding charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
05 05 21 00-0004		Spot Welding <small>(05 05 21 00-0001)</small>		
05 05 21 00-0005	EA	Up To 15 Spot Weldings, Welds Up To 1" Length Each	11.75	
		For Aluminum Welding, Add	1.84	
		For Stainless Steel Welding, Add	3.04	
05 05 21 00-0006	EA	>15 Spot Weldings, Welds Up To 1" Length Each.....	9.17	
		For Aluminum Welding, Add	1.45	
		For Stainless Steel Welding, Add	2.39	
05 05 21 00-0007		Field Welding (Seam And Stitch Welding) <small>(05 05 21 00-0001)</small>		
05 05 21 00-0008		Vertical Fillet Welds <small>(05 05 21 00-0007)</small>		
		Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		
05 05 21 00-0009	LF	1/8" Vertical Fillet Weld	7.52	
		For Aluminum Welding, Add	1.52	
		For Stainless Steel Welding, Add	2.38	
		For Up To 25, Add	2.47	
		For >25 To 50, Add	1.75	
05 05 21 00-0010	LF	3/16" Vertical Fillet Weld.....	14.54	
		For Aluminum Welding, Add	2.67	
		For Stainless Steel Welding, Add	4.25	
		For Up To 25, Add	4.88	
		For >25 To 50, Add	3.47	
05 05 21 00-0011	LF	1/4" Vertical Fillet Weld	21.83	
		For Aluminum Welding, Add	4.02	
		For Stainless Steel Welding, Add	6.40	
		For Up To 25, Add	7.33	
		For >25 To 50, Add	5.21	
05 05 21 00-0012	LF	5/16" Vertical Fillet Weld.....	28.80	
		For Aluminum Welding, Add	5.33	
		For Stainless Steel Welding, Add	8.46	
		For Up To 25, Add	9.66	
		For >25 To 50, Add	6.86	
05 05 21 00-0013	LF	3/8" Vertical Fillet Weld.....	36.37	
		For Aluminum Welding, Add	6.70	
		For Stainless Steel Welding, Add	10.65	
		For Up To 25, Add	12.21	
		For >25 To 50, Add	8.68	
05 05 21 00-0014	LF	7/16" Vertical Fillet Weld.....	42.26	
		For Aluminum Welding, Add	7.32	
		For Stainless Steel Welding, Add	11.80	
		For Up To 25, Add	14.38	
		For >25 To 50, Add	10.24	
05 05 21 00-0015	LF	1/2" Vertical Fillet Weld.....	49.74	
		For Aluminum Welding, Add	9.20	
		For Stainless Steel Welding, Add	14.61	
		For Up To 25, Add	16.68	
		For >25 To 50, Add	11.86	
05 05 21 00-0016	LF	9/16" Vertical Fillet Weld.....	58.10	
		For Aluminum Welding, Add	10.27	
		For Stainless Steel Welding, Add	16.47	
		For Up To 25, Add	19.69	
		For >25 To 50, Add	14.01	
05 05 21 00-0017	LF	5/8" Vertical Fillet Weld.....	67.37	
		For Aluminum Welding, Add	11.95	
		For Stainless Steel Welding, Add	19.15	
		For Up To 25, Add	22.81	
		For >25 To 50, Add	16.23	
05 05 21 00-0018	LF	3/4" Vertical Fillet Weld.....	91.00	
		For Aluminum Welding, Add	16.81	
		For Stainless Steel Welding, Add	26.70	
		For Up To 25, Add	30.53	
		For >25 To 50, Add	21.70	
05 05 21 00-0019	LF	7/8" Vertical Fillet Weld.....	134.48	
		For Aluminum Welding, Add	23.70	
		For Stainless Steel Welding, Add	38.03	
		For Up To 25, Add	45.60	
		For >25 To 50, Add	32.44	
05 05 21 00-0020	LF	1" Vertical Fillet Weld.....	181.32	
		For Aluminum Welding, Add	33.11	
		For Stainless Steel Welding, Add	52.72	
		For Up To 25, Add	61.00	
		For >25 To 50, Add	43.36	
05 05 21 00-0021		Horizontal Or Flat Fillet Welds <small>(05 05 21 00-0007)</small>		
		Note: For existing steel and moment connections. Includes tack welds for proper alignment until the final welds are made.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 21 00-0022 LF 1/8" Horizontal Or Flat Fillet Weld.....	6.34	
For Aluminum Welding, Add	1.35	
For Stainless Steel Welding, Add	2.08	
For Up To 25, Add	2.05	
For >25 To 50, Add	1.45	
05 05 21 00-0023 LF 3/16" Horizontal Or Flat Fillet Weld.....	12.33	
For Aluminum Welding, Add	2.37	
For Stainless Steel Welding, Add	3.73	
For Up To 25, Add	4.10	
For >25 To 50, Add	2.91	
05 05 21 00-0024 LF 1/4" Horizontal Or Flat Fillet Weld.....	18.45	
For Aluminum Welding, Add	3.55	
For Stainless Steel Welding, Add	5.59	
For Up To 25, Add	6.13	
For >25 To 50, Add	4.35	
05 05 21 00-0025 LF 5/16" Horizontal Or Flat Fillet Weld.....	24.38	
For Aluminum Welding, Add	4.72	
For Stainless Steel Welding, Add	7.42	
For Up To 25, Add	8.09	
For >25 To 50, Add	5.74	
05 05 21 00-0026 LF 3/8" Horizontal Or Flat Fillet Weld.....	30.77	
For Aluminum Welding, Add	5.91	
For Stainless Steel Welding, Add	9.31	
For Up To 25, Add	10.23	
For >25 To 50, Add	7.26	
05 05 21 00-0027 LF 7/16" Horizontal Or Flat Fillet Weld.....	35.59	
For Aluminum Welding, Add	6.38	
For Stainless Steel Welding, Add	10.20	
For Up To 25, Add	12.02	
For >25 To 50, Add	8.55	
05 05 21 00-0028 LF 1/2" Horizontal Or Flat Fillet Weld.....	42.04	
For Aluminum Welding, Add	8.12	
For Stainless Steel Welding, Add	12.78	
For Up To 25, Add	13.96	
For >25 To 50, Add	9.90	
05 05 21 00-0029 LF 9/16" Horizontal Or Flat Fillet Weld.....	49.07	
For Aluminum Welding, Add	9.02	
For Stainless Steel Welding, Add	14.35	
For Up To 25, Add	16.48	
For >25 To 50, Add	11.71	
05 05 21 00-0030 LF 5/8" Horizontal Or Flat Fillet Weld.....	57.17	
For Aluminum Welding, Add	10.73	
For Stainless Steel Welding, Add	16.99	
For Up To 25, Add	19.11	
For >25 To 50, Add	13.57	
05 05 21 00-0031 LF 3/4" Horizontal Or Flat Fillet Weld.....	77.01	
For Aluminum Welding, Add	14.87	
For Stainless Steel Welding, Add	23.40	
For Up To 25, Add	25.57	
For >25 To 50, Add	18.15	
05 05 21 00-0032 LF 7/8" Horizontal Or Flat Fillet Weld.....	112.65	
For Aluminum Welding, Add	20.19	
For Stainless Steel Welding, Add	32.28	
For Up To 25, Add	38.06	
For >25 To 50, Add	27.06	
05 05 21 00-0033 LF 1" Horizontal Or Flat Fillet Weld.....	152.86	
For Aluminum Welding, Add	29.13	
For Stainless Steel Welding, Add	45.96	
For Up To 25, Add	50.92	
For >25 To 50, Add	36.15	

05 05 23 Metal Fastenings (05 05)

05 05 23 00-0001	Hex Bolts <small>(05 05 23)</small> Note: For owner furnished materials or where requested by the owner. Excludes drilling through wood, steel, concrete, brick or block. See CSI section 02 41 19 13-0221 for drilling into concrete, 02 41 19 13-0236 for drilling into brick or block, 02 41 19 13-0251 for drilling into wood or plastic, 05 05 23 00-1567 for drilling through steel.		
05 05 23 00-0002	A307B Heavy Hex Bolts <small>(05 05 23 00-0001)</small> Note: Includes A307B heavy hex nut and two structural washers.		
05 05 23 00-0003	Plain Finish A307B Heavy Hex Bolts <small>(05 05 23 00-0002)</small>		
05 05 23 00-0004	EA 1/2" Diameter x 1-1/2" Long, Plain Finish A307B Heavy Hex Bolt.....	13.83	1.31
	For >10 To 50, Deduct	-0.55	
	For >50 To 100, Deduct	-1.17	
	For >100, Deduct	-2.33	
05 05 23 00-0005	EA 1/2" Diameter x 3" Long, Plain Finish A307B Heavy Hex Bolt.....	15.49	1.31
	For >10 To 50, Deduct	-0.55	
	For >50 To 100, Deduct	-1.21	
	For >100, Deduct	-2.42	
05 05 23 00-0006	EA 5/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt.....	15.53	1.31
	For >10 To 50, Deduct	-0.55	
	For >50 To 100, Deduct	-1.21	
	For >100, Deduct	-2.42	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0007	EA		5/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	18.62	1.50
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.40	
			<i>For >100, Deduct</i>	-2.81	
05 05 23 00-0008	EA		3/4" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	18.32	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.28	
			<i>For >100, Deduct</i>	-2.56	
05 05 23 00-0009	EA		3/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	22.09	1.50
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.49	
			<i>For >100, Deduct</i>	-2.98	
05 05 23 00-0010	EA		3/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	28.50	1.57
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.69	
			<i>For >100, Deduct</i>	-3.39	
05 05 23 00-0011	EA		3/4" Diameter x 8" Long, Plain Finish A307B Heavy Hex Bolt	30.68	1.65
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.80	
			<i>For >100, Deduct</i>	-3.60	
05 05 23 00-0012	EA		7/8" Diameter x 2" Long, Plain Finish A307B Heavy Hex Bolt	22.21	1.42
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.45	
			<i>For >100, Deduct</i>	-2.89	
05 05 23 00-0013	EA		7/8" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	27.04	1.57
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.65	
			<i>For >100, Deduct</i>	-3.31	
05 05 23 00-0014	EA		1" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	32.17	1.65
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.84	
			<i>For >100, Deduct</i>	-3.67	
05 05 23 00-0015	EA		1" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	46.99	1.73
			<i>For >10 To 50, Deduct</i>	-0.72	
			<i>For >50 To 100, Deduct</i>	-2.26	
			<i>For >100, Deduct</i>	-4.52	
05 05 23 00-0016	EA		1-1/4" Diameter x 4" Long, Plain Finish A307B Heavy Hex Bolt	55.14	1.96
			<i>For >10 To 50, Deduct</i>	-0.82	
			<i>For >50 To 100, Deduct</i>	-2.60	
			<i>For >100, Deduct</i>	-5.20	
05 05 23 00-0017	EA		1-1/4" Diameter x 6" Long, Plain Finish A307B Heavy Hex Bolt	62.25	2.10
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-2.87	
			<i>For >100, Deduct</i>	-5.73	
05 05 23 00-0018			Galvanized A307B Heavy Hex Bolts <small>(05 05 23 00-0002)</small>		
05 05 23 00-0019	EA		1/2" Diameter x 1-1/2" Long, Galvanized A307B Heavy Hex Bolt	14.64	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.19	
			<i>For >100, Deduct</i>	-2.37	
05 05 23 00-0020	EA		1/2" Diameter x 3" Long, Galvanized A307B Heavy Hex Bolt	16.03	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.22	
			<i>For >100, Deduct</i>	-2.44	
05 05 23 00-0021	EA		5/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	17.54	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.26	
			<i>For >100, Deduct</i>	-2.52	
05 05 23 00-0022	EA		5/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	20.63	1.50
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.45	
			<i>For >100, Deduct</i>	-2.91	
05 05 23 00-0023	EA		3/4" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	20.61	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.34	
			<i>For >100, Deduct</i>	-2.67	
05 05 23 00-0024	EA		3/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	26.31	1.50
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.60	
			<i>For >100, Deduct</i>	-3.19	
05 05 23 00-0025	EA		3/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt	35.78	1.57
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.87	
			<i>For >100, Deduct</i>	-3.75	
05 05 23 00-0026	EA		3/4" Diameter x 8" Long, Galvanized A307B Heavy Hex Bolt	42.46	1.65
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-2.09	
			<i>For >100, Deduct</i>	-4.19	
05 05 23 00-0027	EA		7/8" Diameter x 2" Long, Galvanized A307B Heavy Hex Bolt	28.19	1.42
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.60	
			<i>For >100, Deduct</i>	-3.19	
05 05 23 00-0028	EA		7/8" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt	33.78	1.57
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.82	
			<i>For >100, Deduct</i>	-3.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0029 EA 1" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	40.86	1.65
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-2.05	
<i>For >100, Deduct</i>	-4.11	
05 05 23 00-0030 EA 1" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	62.76	1.73
<i>For >10 To 50, Deduct</i>	-0.72	
<i>For >50 To 100, Deduct</i>	-2.65	
<i>For >100, Deduct</i>	-5.30	
05 05 23 00-0031 EA 1-1/4" Diameter x 4" Long, Galvanized A307B Heavy Hex Bolt.....	62.20	1.96
<i>For >10 To 50, Deduct</i>	-0.82	
<i>For >50 To 100, Deduct</i>	-2.78	
<i>For >100, Deduct</i>	-5.56	
05 05 23 00-0032 EA 1-1/4" Diameter x 6" Long, Galvanized A307B Heavy Hex Bolt.....	78.58	2.10
<i>For >10 To 50, Deduct</i>	-0.87	
<i>For >50 To 100, Deduct</i>	-3.28	
<i>For >100, Deduct</i>	-6.55	
05 05 23 00-0033 A325 High Strength Structural Bolts (05 05 23 00-0001)		
05 05 23 00-0034 Plain Finish A325 High Strength Structural Bolts (05 05 23 00-0033)		
Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0035 EA 1/2" Diameter x 1-1/2" Long, Plain Finish A325 High Strength Structural Bolt.....	13.44	1.31
<i>For >10 To 50, Deduct</i>	-0.55	
<i>For >50 To 100, Deduct</i>	-1.16	
<i>For >100, Deduct</i>	-2.31	
05 05 23 00-0036 EA 1/2" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	13.81	1.31
<i>For >10 To 50, Deduct</i>	-0.55	
<i>For >50 To 100, Deduct</i>	-1.17	
<i>For >100, Deduct</i>	-2.33	
05 05 23 00-0037 EA 5/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	14.98	1.31
<i>For >10 To 50, Deduct</i>	-0.55	
<i>For >50 To 100, Deduct</i>	-1.20	
<i>For >100, Deduct</i>	-2.39	
05 05 23 00-0038 EA 5/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	18.65	1.50
<i>For >10 To 50, Deduct</i>	-0.63	
<i>For >50 To 100, Deduct</i>	-1.40	
<i>For >100, Deduct</i>	-2.81	
05 05 23 00-0039 EA 5/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	22.00	1.57
<i>For >10 To 50, Deduct</i>	-0.65	
<i>For >50 To 100, Deduct</i>	-1.53	
<i>For >100, Deduct</i>	-3.06	
05 05 23 00-0040 EA 3/4" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	16.61	1.31
<i>For >10 To 50, Deduct</i>	-0.55	
<i>For >50 To 100, Deduct</i>	-1.24	
<i>For >100, Deduct</i>	-2.47	
05 05 23 00-0041 EA 3/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	20.39	1.50
<i>For >10 To 50, Deduct</i>	-0.63	
<i>For >50 To 100, Deduct</i>	-1.45	
<i>For >100, Deduct</i>	-2.89	
05 05 23 00-0042 EA 3/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	23.54	1.57
<i>For >10 To 50, Deduct</i>	-0.65	
<i>For >50 To 100, Deduct</i>	-1.57	
<i>For >100, Deduct</i>	-3.14	
05 05 23 00-0043 EA 3/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	29.64	1.65
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.77	
<i>For >100, Deduct</i>	-3.54	
05 05 23 00-0044 EA 7/8" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	19.53	1.42
<i>For >10 To 50, Deduct</i>	-0.59	
<i>For >50 To 100, Deduct</i>	-1.38	
<i>For >100, Deduct</i>	-2.76	
05 05 23 00-0045 EA 7/8" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	24.18	1.57
<i>For >10 To 50, Deduct</i>	-0.65	
<i>For >50 To 100, Deduct</i>	-1.58	
<i>For >100, Deduct</i>	-3.17	
05 05 23 00-0046 EA 7/8" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	27.95	1.65
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.73	
<i>For >100, Deduct</i>	-3.46	
05 05 23 00-0047 EA 7/8" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	30.41	1.73
<i>For >10 To 50, Deduct</i>	-0.72	
<i>For >50 To 100, Deduct</i>	-1.84	
<i>For >100, Deduct</i>	-3.69	
05 05 23 00-0048 EA 1" Diameter x 2" Long, Plain Finish A325 High Strength Structural Bolt.....	21.81	1.48
<i>For >10 To 50, Deduct</i>	-0.62	
<i>For >50 To 100, Deduct</i>	-1.47	
<i>For >100, Deduct</i>	-2.94	
05 05 23 00-0049 EA 1" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	26.56	1.65
<i>For >10 To 50, Deduct</i>	-0.69	
<i>For >50 To 100, Deduct</i>	-1.70	
<i>For >100, Deduct</i>	-3.39	
05 05 23 00-0050 EA 1" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	31.19	1.73
<i>For >10 To 50, Deduct</i>	-0.72	
<i>For >50 To 100, Deduct</i>	-1.86	
<i>For >100, Deduct</i>	-3.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0051	EA		1" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	40.86	1.84
			<i>For >10 To 50, Deduct</i>	-0.77	
			<i>For >50 To 100, Deduct</i>	-2.18	
			<i>For >100, Deduct</i>	-4.35	
05 05 23 00-0052	EA		1-1/4" Diameter x 3" Long, Plain Finish A325 High Strength Structural Bolt.....	38.81	1.84
			<i>For >10 To 50, Deduct</i>	-0.77	
			<i>For >50 To 100, Deduct</i>	-2.12	
			<i>For >100, Deduct</i>	-4.25	
05 05 23 00-0053	EA		1-1/4" Diameter x 4" Long, Plain Finish A325 High Strength Structural Bolt.....	44.30	1.96
			<i>For >10 To 50, Deduct</i>	-0.82	
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100, Deduct</i>	-4.66	
05 05 23 00-0054	EA		1-1/4" Diameter x 6" Long, Plain Finish A325 High Strength Structural Bolt.....	52.50	2.10
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-2.62	
			<i>For >100, Deduct</i>	-5.25	
05 05 23 00-0055	EA		1-1/4" Diameter x 8" Long, Plain Finish A325 High Strength Structural Bolt.....	62.17	2.24
			<i>For >10 To 50, Deduct</i>	-0.93	
			<i>For >50 To 100, Deduct</i>	-2.95	
			<i>For >100, Deduct</i>	-5.90	
05 05 23 00-0056			Galvanized A325 High Strength Structural Bolts <small>(05 05 23 00-0053)</small>		
			Note: Includes A325 heavy hex nut and structural washer.		
05 05 23 00-0057	EA		1/2" Diameter x 1-1/2" Long, Galvanized A325 High Strength Structural Bolt	14.18	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.18	
			<i>For >100, Deduct</i>	-2.35	
05 05 23 00-0058	EA		1/2" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt.....	14.44	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.18	
			<i>For >100, Deduct</i>	-2.36	
05 05 23 00-0059	EA		5/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	16.53	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.23	
			<i>For >100, Deduct</i>	-2.47	
05 05 23 00-0060	EA		5/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	19.75	1.50
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100, Deduct</i>	-2.86	
05 05 23 00-0061	EA		5/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	20.95	1.57
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.50	
			<i>For >100, Deduct</i>	-3.01	
05 05 23 00-0062	EA		3/4" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	17.33	1.31
			<i>For >10 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.25	
			<i>For >100, Deduct</i>	-2.51	
05 05 23 00-0063	EA		3/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	21.29	1.50
			<i>For >10 To 50, Deduct</i>	-0.63	
			<i>For >50 To 100, Deduct</i>	-1.47	
			<i>For >100, Deduct</i>	-2.94	
05 05 23 00-0064	EA		3/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	24.94	1.57
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.60	
			<i>For >100, Deduct</i>	-3.21	
05 05 23 00-0065	EA		3/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	32.95	1.65
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.86	
			<i>For >100, Deduct</i>	-3.71	
05 05 23 00-0066	EA		7/8" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	23.80	1.42
			<i>For >10 To 50, Deduct</i>	-0.59	
			<i>For >50 To 100, Deduct</i>	-1.49	
			<i>For >100, Deduct</i>	-2.97	
05 05 23 00-0067	EA		7/8" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	26.71	1.57
			<i>For >10 To 50, Deduct</i>	-0.65	
			<i>For >50 To 100, Deduct</i>	-1.65	
			<i>For >100, Deduct</i>	-3.29	
05 05 23 00-0068	EA		7/8" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt.....	31.01	1.65
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.81	
			<i>For >100, Deduct</i>	-3.61	
05 05 23 00-0069	EA		7/8" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt.....	39.59	1.73
			<i>For >10 To 50, Deduct</i>	-0.72	
			<i>For >50 To 100, Deduct</i>	-2.07	
			<i>For >100, Deduct</i>	-4.15	
05 05 23 00-0070	EA		1" Diameter x 2" Long, Galvanized A325 High Strength Structural Bolt.....	25.13	1.48
			<i>For >10 To 50, Deduct</i>	-0.62	
			<i>For >50 To 100, Deduct</i>	-1.55	
			<i>For >100, Deduct</i>	-3.11	
05 05 23 00-0071	EA		1" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt.....	34.17	1.65
			<i>For >10 To 50, Deduct</i>	-0.69	
			<i>For >50 To 100, Deduct</i>	-1.89	
			<i>For >100, Deduct</i>	-3.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0072 EA 1" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	37.56 -0.72 -2.02 -4.04	1.73
05 05 23 00-0073 EA 1" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	48.72 -0.77 -2.37 -4.74	1.84
05 05 23 00-0074 EA 1-1/4" Diameter x 3" Long, Galvanized A325 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	48.40 -0.77 -2.36 -4.73	1.84
05 05 23 00-0075 EA 1-1/4" Diameter x 4" Long, Galvanized A325 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	51.63 -0.82 -2.51 -5.03	1.96
05 05 23 00-0076 EA 1-1/4" Diameter x 6" Long, Galvanized A325 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	60.89 -0.87 -2.83 -5.67	2.10
05 05 23 00-0077 EA 1-1/4" Diameter x 8" Long, Galvanized A325 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	70.93 -0.93 -3.17 -6.34	2.24
05 05 23 00-0078 A490 High Strength Structural Bolts (05 05 23 00-0001) Note: Includes A490 heavy hex nut and two structural washers.		
05 05 23 00-0079 Plain Finish A490 High Strength Structural Bolts (05 05 23 00-0078)		
05 05 23 00-0080 EA 5/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	15.56 -0.55 -1.21 -2.42	1.31
05 05 23 00-0081 EA 5/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	22.64 -0.63 -1.50 -3.01	1.50
05 05 23 00-0082 EA 5/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	24.29 -0.65 -1.59 -3.18	1.57
05 05 23 00-0083 EA 3/4" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	17.82 -0.55 -1.27 -2.53	1.31
05 05 23 00-0084 EA 3/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	21.77 -0.63 -1.48 -2.96	1.50
05 05 23 00-0085 EA 3/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	25.76 -0.65 -1.62 -3.25	1.57
05 05 23 00-0086 EA 3/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	33.95 -0.69 -1.88 -3.76	1.65
05 05 23 00-0087 EA 7/8" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	20.92 -0.59 -1.41 -2.83	1.42
05 05 23 00-0088 EA 7/8" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	24.63 -0.65 -1.59 -3.19	1.57
05 05 23 00-0089 EA 7/8" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	36.94 -0.69 -1.95 -3.91	1.65
05 05 23 00-0090 EA 1" Diameter x 2" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	25.06 -0.62 -1.55 -3.11	1.48
05 05 23 00-0091 EA 1" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	30.21 -0.69 -1.79 -3.57	1.65
05 05 23 00-0092 EA 1" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	35.11 -0.72 -1.96 -3.92	1.73
05 05 23 00-0093 EA 1-1/4" Diameter x 3" Long, Plain Finish A490 High Strength Structural Bolt <i>For >10 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	44.61 -0.77 -2.27 -4.54	1.84

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0094	EA		1-1/4" Diameter x 4" Long, Plain Finish A490 High Strength Structural Bolt.....	58.15	1.96
			<i>For >10 To 50, Deduct</i>	-0.82	
			<i>For >50 To 100, Deduct</i>	-2.68	
			<i>For >100, Deduct</i>	-5.35	
05 05 23 00-0095	EA		1-1/4" Diameter x 6" Long, Plain Finish A490 High Strength Structural Bolt.....	61.12	2.10
			<i>For >10 To 50, Deduct</i>	-0.87	
			<i>For >50 To 100, Deduct</i>	-2.84	
			<i>For >100, Deduct</i>	-5.68	
05 05 23 00-0096	EA		1-1/4" Diameter x 8" Long, Plain Finish A490 High Strength Structural Bolt.....	63.65	2.24
			<i>For >10 To 50, Deduct</i>	-0.93	
			<i>For >50 To 100, Deduct</i>	-2.99	
			<i>For >100, Deduct</i>	-5.98	
05 05 23 00-0097			Hex Head Bolts <small>(05 05 23 00-0001)</small>		
05 05 23 00-0098			Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0099			1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0100	EA		1/4" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.33	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0101	EA		1/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.36	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0102	EA		1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.45	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0103	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.50	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0104	EA		1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.77	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0105	EA		1/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.81	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0106	EA		1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.95	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0107	EA		1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.16	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0108	EA		1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.21	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0109	EA		1/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.43	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0110	EA		1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.80	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0111	EA		1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.96	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0112	EA		1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.19	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0113	EA		1/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.88	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0114	EA		1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.23	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0115	EA		1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.32	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0116			5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0117 EA 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.41	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0118 EA 5/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.44	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0119 EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.52	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0120 EA 5/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.58	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0121 EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.87	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0122 EA 5/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.02	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0123 EA 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.07	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0124 EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.42	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0125 EA 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.63	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0126 EA 5/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.71	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0127 EA 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.99	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0128 EA 5/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.07	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0129 EA 5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.87	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0130 EA 5/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.46	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0131 EA 5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.81	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0132 EA 5/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.13	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0133 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0134 EA 3/8" Diameter x 1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.51	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0135 EA 3/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.54	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0136 EA 3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.65	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0137 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.75	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0138 EA 3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.05	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0139	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.24	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0140	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.42	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0141	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.81	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0142	EA		3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.05	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0143	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.18	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0144	EA		3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.64	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0145	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.77	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0146	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.87	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0147	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.13	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0148	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.28	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0149	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.49	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0150			7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>	8.98	
05 05 23 00-0151	EA		7/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.98	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0152	EA		7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.13	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0153	EA		7/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.15	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0154	EA		7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.56	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0155	EA		7/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.79	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0156	EA		7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.97	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0157	EA		7/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.66	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0158	EA		7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.80	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0159	EA		7/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.07	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0160	EA		7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.73	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0161 EA 7/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.87	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0162 EA 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.21	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0163 EA 7/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.56	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0164 EA 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.87	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0165 EA 7/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.48	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0166 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0167 EA 1/2" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.85	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0168 EA 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.03	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0169 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.21	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0170 EA 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.63	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0171 EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.81	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0172 EA 1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.00	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0173 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.45	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0174 EA 1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.66	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0175 EA 1/2" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.04	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0176 EA 1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.31	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0177 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.35	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0178 EA 1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.67	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0179 EA 1/2" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.16	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0180 EA 1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.36	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0181 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.91	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0182 EA 1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.40	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0183	EA		1/2" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.60	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0184	EA		1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.37	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0185	EA		1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.59	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0186	EA		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0187	EA		9/16" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.04	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0188	EA		9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.29	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0189	EA		9/16" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.35	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0190	EA		9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.37	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0191	EA		9/16" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.69	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0192	EA		9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.80	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0193	EA		9/16" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.04	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0194	EA		9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.12	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0195	EA		9/16" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.39	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0196	EA		9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.67	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0197	EA		9/16" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.75	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0198	EA		9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.99	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0199	EA		9/16" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.45	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0200	EA		9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.74	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0201	EA		9/16" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.03	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0202	EA		9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.50	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0203	EA		9/16" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.84	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0204	EA		9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.07	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0205 EA 9/16" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.42	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0206 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05</small>		
<small>23 00-0098)</small>		
05 05 23 00-0207 EA 5/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.62	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0208 EA 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.79	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0209 EA 5/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.00	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0210 EA 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.49	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0211 EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.81	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0212 EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.21	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0213 EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.92	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0214 EA 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.53	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0215 EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.01	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0216 EA 5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.40	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0217 EA 5/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.46	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0218 EA 5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.27	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0219 EA 5/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.93	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0220 EA 5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.57	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0221 EA 5/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.32	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0222 EA 5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.34	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0223 EA 5/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.07	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0224 EA 5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.82	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0225 EA 5/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.40	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0226 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05</small>		
<small>23 00-0098)</small>		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0227	EA		3/4" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.17	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0228	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.50	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0229	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.81	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0230	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.39	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0231	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.86	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0232	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.28	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0233	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.94	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0234	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.52	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0235	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.98	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0236	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.13	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0237	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.51	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0238	EA		3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.23	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0239	EA		3/4" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.47	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0240	EA		3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.15	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0241	EA		3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.93	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0242	EA		3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.16	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0243	EA		3/4" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.94	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0244	EA		3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.98	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0245	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.99	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0246			7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0247	EA		7/8" Diameter x 1" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.94	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0248	EA		7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.22	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0249 EA 7/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.36	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0250 EA 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.95	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0251 EA 7/8" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.71	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0252 EA 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.60	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0253 EA 7/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.55	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0254 EA 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.85	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0255 EA 7/8" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.57	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0256 EA 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.33	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0257 EA 7/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.76	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0258 EA 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.78	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0259 EA 7/8" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.02	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0260 EA 7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.05	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0261 EA 7/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.08	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0262 EA 7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.24	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0263 EA 7/8" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.32	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0264 EA 7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.31	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0265 EA 7/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.38	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0266 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0098)</small>		
05 05 23 00-0267 EA 1" Diameter x 1-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.20	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0268 EA 1" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.07	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0269 EA 1" Diameter x 2-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.46	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0270 EA 1" Diameter x 3" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.94	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0271	EA		1" Diameter x 3-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.28	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0272	EA		1" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.88	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0273	EA		1" Diameter x 4-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.18	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0274	EA		1" Diameter x 5" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.52	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0275	EA		1" Diameter x 5-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.39	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0276	EA		1" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	27.03	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0277	EA		1" Diameter x 6-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.16	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0278	EA		1" Diameter x 7" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.50	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0279	EA		1" Diameter x 7-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.62	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0280	EA		1" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.78	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0281	EA		1" Diameter x 8-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.91	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0282	EA		1" Diameter x 9" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	34.22	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0283	EA		1" Diameter x 9-1/2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.38	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0284	EA		1" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Hex Head Bolt.....	36.56	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0285			Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0286			1/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0287	EA		1/4" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.39	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0288	EA		1/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.45	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0289	EA		1/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.50	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0290	EA		1/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.60	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0291	EA		1/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.91	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0292	EA		1/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.09	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0293 EA 1/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.28	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0294 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.63	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0295 EA 1/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.87	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0296 EA 1/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.03	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0297 EA 1/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.41	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0298 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.56	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0299 EA 1/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.71	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0300 EA 1/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.11	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0301 EA 1/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.32	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0302 EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.54	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0303 5/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0304 EA 5/16" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.51	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0305 EA 5/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.55	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0306 EA 5/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.62	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0307 EA 5/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	7.76	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0308 EA 5/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.07	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0309 EA 5/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.24	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0310 EA 5/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.53	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0311 EA 5/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.88	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0312 EA 5/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.12	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0313 EA 5/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.33	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0314 EA 5/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.97	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0315	EA		5/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.05	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0316	EA		5/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.34	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0317	EA		5/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.92	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0318	EA		5/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.32	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0319	EA		5/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.70	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0320			3/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0321	EA		3/8" Diameter x 1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.57	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0322	EA		3/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.61	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0323	EA		3/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.74	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0324	EA		3/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	7.88	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0325	EA		3/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.25	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0326	EA		3/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.41	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0327	EA		3/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	8.67	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0328	EA		3/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.15	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0329	EA		3/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	9.76	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0330	EA		3/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.04	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0331	EA		3/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.61	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0332	EA		3/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	10.87	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0333	EA		3/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.33	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0334	EA		3/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	11.87	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0335	EA		3/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.48	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0336	EA		3/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt	12.97	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0337 7/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0338 EA 7/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.87	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-0339 EA 7/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	8.99	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-0340 EA 7/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.31	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-0341 EA 7/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.76	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	
05 05 23 00-0342 EA 7/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.99	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	
05 05 23 00-0343 EA 7/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.20	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	
05 05 23 00-0344 EA 7/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.68	
For >100 To 250, Deduct	-1.73	
For >250 To 500, Deduct	-2.16	
For >500, Deduct	-2.59	
05 05 23 00-0345 EA 7/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.88	
For >100 To 250, Deduct	-1.73	
For >250 To 500, Deduct	-2.16	
For >500, Deduct	-2.59	
05 05 23 00-0346 EA 7/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.42	
For >100 To 250, Deduct	-1.73	
For >250 To 500, Deduct	-2.16	
For >500, Deduct	-2.59	
05 05 23 00-0347 EA 7/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.80	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.21	
For >500, Deduct	-2.66	
05 05 23 00-0348 EA 7/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.05	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.21	
For >500, Deduct	-2.66	
05 05 23 00-0349 EA 7/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.31	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.21	
For >500, Deduct	-2.66	
05 05 23 00-0350 EA 7/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.86	
For >100 To 250, Deduct	-1.81	
For >250 To 500, Deduct	-2.26	
For >500, Deduct	-2.72	
05 05 23 00-0351 EA 7/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.21	
For >100 To 250, Deduct	-1.81	
For >250 To 500, Deduct	-2.26	
For >500, Deduct	-2.72	
05 05 23 00-0352 EA 7/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.56	
For >100 To 250, Deduct	-1.81	
For >250 To 500, Deduct	-2.26	
For >500, Deduct	-2.72	
05 05 23 00-0353 1/2" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0354 EA 1/2" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.03	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-0355 EA 1/2" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.20	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-0356 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.38	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-0357 EA 1/2" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.88	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	
05 05 23 00-0358 EA 1/2" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.15	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0359	EA		1/2" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.44	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0360	EA		1/2" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.90	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0361	EA		1/2" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.85	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0362	EA		1/2" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.91	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0363	EA		1/2" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.77	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0364	EA		1/2" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.14	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0365	EA		1/2" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.09	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0366	EA		1/2" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.14	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0367	EA		1/2" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.67	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0368	EA		1/2" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.87	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0369	EA		1/2" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.06	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0370	EA		1/2" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.99	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0371	EA		1/2" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.30	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0372	EA		1/2" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.81	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0373			9/16" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0374	EA		9/16" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.55	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0375	EA		9/16" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	9.85	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0376	EA		9/16" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.13	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0377	EA		9/16" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.64	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0378	EA		9/16" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.02	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0379	EA		9/16" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.45	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0380	EA		9/16" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.14	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0381 EA 9/16" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.79	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0382 EA 9/16" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.22	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0383 EA 9/16" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.91	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0384 EA 9/16" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.37	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0385 EA 9/16" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.89	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0386 EA 9/16" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.97	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0387 EA 9/16" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.60	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0388 EA 9/16" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.65	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0389 EA 9/16" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.85	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0390 EA 9/16" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.23	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0391 EA 9/16" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.62	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0392 EA 9/16" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.56	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0393 5/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>	10.91	
05 05 23 00-0394 EA 5/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	10.91	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0395 EA 5/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.02	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0396 EA 5/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.11	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0397 EA 5/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	11.60	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0398 EA 5/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.10	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0399 EA 5/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.56	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0400 EA 5/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.24	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0401 EA 5/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.13	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0402 EA 5/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.60	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0403	EA		5/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.04	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0404	EA		5/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.81	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0405	EA		5/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.01	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0406	EA		5/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.31	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0407	EA		5/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.30	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0408	EA		5/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.46	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0409	EA		5/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.47	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0410	EA		5/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.81	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0411	EA		5/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.78	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0412	EA		5/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.47	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0413			3/4" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0414	EA		3/4" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.04	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0415	EA		3/4" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.24	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0416	EA		3/4" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.34	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0417	EA		3/4" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	12.97	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0418	EA		3/4" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	13.47	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0419	EA		3/4" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.24	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0420	EA		3/4" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.97	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0421	EA		3/4" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.46	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0422	EA		3/4" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.49	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0423	EA		3/4" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.17	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0424	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.02	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0425 EA 3/4" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.06	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0426 EA 3/4" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.74	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0427 EA 3/4" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.82	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0428 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	22.43	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0429 EA 3/4" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.26	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0430 EA 3/4" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.81	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0431 EA 3/4" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.60	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0432 EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.04	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0433 7/8" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts <small>(05 05 23 00-0285)</small>		
05 05 23 00-0434 EA 7/8" Diameter x 1" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.48	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0435 EA 7/8" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	14.72	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0436 EA 7/8" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.06	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0437 EA 7/8" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	15.60	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0438 EA 7/8" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.61	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0439 EA 7/8" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.28	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0440 EA 7/8" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.00	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0441 EA 7/8" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.19	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0442 EA 7/8" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.09	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0443 EA 7/8" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.71	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0444 EA 7/8" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.46	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0445 EA 7/8" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.67	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0446 EA 7/8" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	26.02	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0447	EA		7/8" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.43	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0448	EA		7/8" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.52	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0449	EA		7/8" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	29.75	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0450	EA		7/8" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.12	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0451	EA		7/8" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	32.30	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0452	EA		7/8" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	33.47	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0453			1" Diameter, Zinc Plated Steel, Grade 5, Hex Head Bolts (05 05 23 00-0285)		
05 05 23 00-0454	EA		1" Diameter x 1-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.72	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0455	EA		1" Diameter x 2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	16.80	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0456	EA		1" Diameter x 2-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	17.76	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0457	EA		1" Diameter x 3" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	18.73	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0458	EA		1" Diameter x 3-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	19.45	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0459	EA		1" Diameter x 4" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	20.58	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0460	EA		1" Diameter x 4-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	21.72	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0461	EA		1" Diameter x 5" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	23.38	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0462	EA		1" Diameter x 5-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	24.78	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0463	EA		1" Diameter x 6" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	25.13	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0464	EA		1" Diameter x 6-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	27.45	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0465	EA		1" Diameter x 7" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	29.15	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0466	EA		1" Diameter x 7-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	31.62	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0467	EA		1" Diameter x 8" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	32.33	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0468	EA		1" Diameter x 8-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	40.45	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0469 EA 1" Diameter x 9" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	41.07	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0470 EA 1" Diameter x 9-1/2" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	42.77	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0471 EA 1" Diameter x 10" Length, Zinc Plated Steel, Grade 5, Hex Head Bolt.....	43.93	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0472 Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0473 1/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0474 EA 1/4" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.42	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0475 EA 1/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.54	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0476 EA 1/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.60	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0477 EA 1/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.73	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0478 EA 1/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.02	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0479 EA 1/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.16	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0480 EA 1/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.29	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0481 EA 1/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.50	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0482 EA 1/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.88	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0483 EA 1/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.24	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0484 EA 1/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.64	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0485 EA 1/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.83	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0486 EA 1/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.08	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0487 EA 1/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.45	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0488 EA 1/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.92	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0489 EA 1/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.13	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0490 5/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0491	EA	5/16" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.53	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0492	EA	5/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.60	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0493	EA	5/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.83	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0494	EA	5/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.87	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0495	EA	5/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.21	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0496	EA	5/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.55	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0497	EA	5/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.65	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0498	EA	5/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.04	
		<i>For >100 To 250, Deduct</i>	-1.52	
		<i>For >250 To 500, Deduct</i>	-1.90	
		<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0499	EA	5/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.26	
		<i>For >100 To 250, Deduct</i>	-1.52	
		<i>For >250 To 500, Deduct</i>	-1.90	
		<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0500	EA	5/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.75	
		<i>For >100 To 250, Deduct</i>	-1.52	
		<i>For >250 To 500, Deduct</i>	-1.90	
		<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0501	EA	5/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.25	
		<i>For >100 To 250, Deduct</i>	-1.56	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0502	EA	5/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.43	
		<i>For >100 To 250, Deduct</i>	-1.56	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0503	EA	5/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.72	
		<i>For >100 To 250, Deduct</i>	-1.56	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0504	EA	5/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.12	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0505	EA	5/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.33	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0506	EA	5/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.74	
		<i>For >100 To 250, Deduct</i>	-1.60	
		<i>For >250 To 500, Deduct</i>	-2.01	
		<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0507		3/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0508	EA	3/8" Diameter x 1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.77	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0509	EA	3/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	7.80	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0510	EA	3/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	7.81	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0511	EA	3/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.08	
		<i>For >100 To 250, Deduct</i>	-1.44	
		<i>For >250 To 500, Deduct</i>	-1.80	
		<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0512	EA	3/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.44	
		<i>For >100 To 250, Deduct</i>	-1.48	
		<i>For >250 To 500, Deduct</i>	-1.85	
		<i>For >500, Deduct</i>	-2.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0513 EA 3/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	8.71	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0514 EA 3/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	8.95	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0515 EA 3/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.91	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0516 EA 3/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.22	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0517 EA 3/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.28	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0518 EA 3/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.61	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0519 EA 3/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.95	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0520 EA 3/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.44	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0521 EA 3/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.00	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0522 EA 3/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.67	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0523 EA 3/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.24	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0524 7/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0525 EA 7/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.05	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0526 EA 7/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.09	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0527 EA 7/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.51	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0528 EA 7/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.76	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0529 EA 7/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.23	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0530 EA 7/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.49	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0531 EA 7/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.74	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0532 EA 7/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.79	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0533 EA 7/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.61	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0534 EA 7/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.38	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0535	EA		7/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.67	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0536	EA		7/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.10	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0537	EA		7/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.94	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0538	EA		7/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.33	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0539	EA		7/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.44	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0540			1/2" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0541	EA		1/2" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.32	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0542	EA		1/2" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.63	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0543	EA		1/2" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.82	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0544	EA		1/2" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	10.23	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0545	EA		1/2" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.57	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0546	EA		1/2" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.33	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0547	EA		1/2" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.06	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0548	EA		1/2" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.51	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0549	EA		1/2" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.83	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0550	EA		1/2" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.60	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0551	EA		1/2" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.56	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0552	EA		1/2" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.44	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0553	EA		1/2" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.41	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0554	EA		1/2" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.80	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0555	EA		1/2" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.90	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0556	EA		1/2" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.94	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0557 EA 1/2" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.74	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0558 EA 1/2" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.15	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0559 EA 1/2" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.12	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0560 9/16" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0561 EA 9/16" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	9.61	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0562 EA 9/16" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	9.79	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0563 EA 9/16" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	10.22	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0564 EA 9/16" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.06	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0565 EA 9/16" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.21	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0566 EA 9/16" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.83	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0567 EA 9/16" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.45	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0568 EA 9/16" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.49	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0569 EA 9/16" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.89	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0570 EA 9/16" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.43	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0571 EA 9/16" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.31	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0572 EA 9/16" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.66	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0573 EA 9/16" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.78	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0574 EA 9/16" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.62	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0575 EA 9/16" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.88	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0576 5/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0577 EA 5/8" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.31	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0578 EA 5/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	11.49	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-0579	EA 5/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	11.96	
	<i>For >100 To 250, Deduct</i>	-1.85	
	<i>For >250 To 500, Deduct</i>	-2.32	
	<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0580	EA 5/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.85	
	<i>For >100 To 250, Deduct</i>	-1.89	
	<i>For >250 To 500, Deduct</i>	-2.37	
	<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0581	EA 5/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.41	
	<i>For >100 To 250, Deduct</i>	-1.89	
	<i>For >250 To 500, Deduct</i>	-2.37	
	<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0582	EA 5/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.72	
	<i>For >100 To 250, Deduct</i>	-1.89	
	<i>For >250 To 500, Deduct</i>	-2.37	
	<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0583	EA 5/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	14.14	
	<i>For >100 To 250, Deduct</i>	-1.93	
	<i>For >250 To 500, Deduct</i>	-2.42	
	<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0584	EA 5/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.15	
	<i>For >100 To 250, Deduct</i>	-1.93	
	<i>For >250 To 500, Deduct</i>	-2.42	
	<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0585	EA 5/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.59	
	<i>For >100 To 250, Deduct</i>	-1.93	
	<i>For >250 To 500, Deduct</i>	-2.42	
	<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0586	EA 5/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.27	
	<i>For >100 To 250, Deduct</i>	-1.97	
	<i>For >250 To 500, Deduct</i>	-2.47	
	<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0587	EA 5/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.74	
	<i>For >100 To 250, Deduct</i>	-1.97	
	<i>For >250 To 500, Deduct</i>	-2.47	
	<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0588	EA 5/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.73	
	<i>For >100 To 250, Deduct</i>	-1.97	
	<i>For >250 To 500, Deduct</i>	-2.47	
	<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0589	EA 5/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.28	
	<i>For >100 To 250, Deduct</i>	-2.01	
	<i>For >250 To 500, Deduct</i>	-2.52	
	<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0590	EA 5/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	21.41	
	<i>For >100 To 250, Deduct</i>	-2.01	
	<i>For >250 To 500, Deduct</i>	-2.52	
	<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0591	EA 5/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	21.88	
	<i>For >100 To 250, Deduct</i>	-2.01	
	<i>For >250 To 500, Deduct</i>	-2.52	
	<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0592	EA 5/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	24.09	
	<i>For >100 To 250, Deduct</i>	-2.06	
	<i>For >250 To 500, Deduct</i>	-2.57	
	<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0593	EA 5/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	26.31	
	<i>For >100 To 250, Deduct</i>	-2.06	
	<i>For >250 To 500, Deduct</i>	-2.57	
	<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0594	EA 5/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.48	
	<i>For >100 To 250, Deduct</i>	-2.06	
	<i>For >250 To 500, Deduct</i>	-2.57	
	<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0595	EA 5/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.54	
	<i>For >100 To 250, Deduct</i>	-2.06	
	<i>For >250 To 500, Deduct</i>	-2.57	
	<i>For >500, Deduct</i>	-3.08	

05 05 23 00-0596 3/4" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)

05 05 23 00-0597	EA 3/4" Diameter x 1" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.36	
	<i>For >100 To 250, Deduct</i>	-1.85	
	<i>For >250 To 500, Deduct</i>	-2.32	
	<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0598	EA 3/4" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	12.56	
	<i>For >100 To 250, Deduct</i>	-1.85	
	<i>For >250 To 500, Deduct</i>	-2.32	
	<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0599	EA 3/4" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	12.69	
	<i>For >100 To 250, Deduct</i>	-1.85	
	<i>For >250 To 500, Deduct</i>	-2.32	
	<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0600	EA 3/4" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	13.18	
	<i>For >100 To 250, Deduct</i>	-1.89	
	<i>For >250 To 500, Deduct</i>	-2.37	
	<i>For >500, Deduct</i>	-2.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0601 EA 3/4" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	13.60	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0602 EA 3/4" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	14.80	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0603 EA 3/4" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	15.52	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0604 EA 3/4" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	15.62	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0605 EA 3/4" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	17.26	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0606 EA 3/4" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	18.05	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0607 EA 3/4" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	18.91	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0608 EA 3/4" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	20.51	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0609 EA 3/4" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	22.66	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0610 EA 3/4" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.52	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0611 EA 3/4" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.96	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0612 EA 3/4" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	26.28	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0613 EA 3/4" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.83	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0614 EA 3/4" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.95	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0615 EA 3/4" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	29.36	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0616 7/8" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts (05 05 23 00-0472)		
05 05 23 00-0617 EA 7/8" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	16.28	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0618 EA 7/8" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	16.81	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0619 EA 7/8" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.80	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0620 EA 7/8" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.39	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0621 EA 7/8" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.57	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0622 EA 7/8" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.12	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0623	EA		7/8" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	23.95	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0624	EA		7/8" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	24.93	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0625	EA		7/8" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	27.40	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0626	EA		7/8" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	28.84	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0627	EA		7/8" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	32.54	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0628	EA		7/8" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	33.99	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0629	EA		7/8" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	37.81	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0630	EA		7/8" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	39.35	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0631	EA		7/8" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	40.78	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0632	EA		7/8" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	41.23	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0633	EA		7/8" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	41.61	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0634	EA		7/8" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	42.52	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0635			1" Diameter, Zinc Plated Steel, Grade 8, Hex Head Bolts <small>(05 05 23 00-0472)</small>		
05 05 23 00-0636	EA		1" Diameter x 1-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	17.79	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0637	EA		1" Diameter x 2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	19.12	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0638	EA		1" Diameter x 2-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	19.91	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0639	EA		1" Diameter x 3" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	20.90	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0640	EA		1" Diameter x 3-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	22.76	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0641	EA		1" Diameter x 4" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	23.46	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0642	EA		1" Diameter x 4-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	25.06	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0643	EA		1" Diameter x 5" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt.....	27.20	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0644	EA		1" Diameter x 5-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt	28.41	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0645 EA 1" Diameter x 6" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	29.31 -2.18 -2.73 -3.27	
05 05 23 00-0646 EA 1" Diameter x 6-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	33.78 -2.18 -2.73 -3.27	
05 05 23 00-0647 EA 1" Diameter x 7" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	34.68 -2.22 -2.78 -3.33	
05 05 23 00-0648 EA 1" Diameter x 7-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	39.73 -2.22 -2.78 -3.33	
05 05 23 00-0649 EA 1" Diameter x 8" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	40.60 -2.22 -2.78 -3.33	
05 05 23 00-0650 EA 1" Diameter x 8-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	43.49 -2.26 -2.83 -3.39	
05 05 23 00-0651 EA 1" Diameter x 9" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	44.95 -2.26 -2.83 -3.39	
05 05 23 00-0652 EA 1" Diameter x 9-1/2" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	48.80 -2.26 -2.83 -3.39	
05 05 23 00-0653 EA 1" Diameter x 10" Length, Yellow Zinc Plated Steel, Grade 8, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	51.15 -2.26 -2.83 -3.39	
05 05 23 00-0654 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0655 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0656 EA 1/4" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.58 -1.44 -1.80 -2.16	
05 05 23 00-0657 EA 1/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.60 -1.44 -1.80 -2.16	
05 05 23 00-0658 EA 1/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.62 -1.44 -1.80 -2.16	
05 05 23 00-0659 EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	7.90 -1.44 -1.80 -2.16	
05 05 23 00-0660 EA 1/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.24 -1.48 -1.85 -2.22	
05 05 23 00-0661 EA 1/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.40 -1.48 -1.85 -2.22	
05 05 23 00-0662 EA 1/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.47 -1.48 -1.85 -2.22	
05 05 23 00-0663 EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.69 -1.52 -1.90 -2.28	
05 05 23 00-0664 EA 1/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.88 -1.52 -1.90 -2.28	
05 05 23 00-0665 EA 1/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	8.93 -1.52 -1.90 -2.28	
05 05 23 00-0666 EA 1/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt..... <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.27 -1.56 -1.96 -2.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0667	EA		1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.44	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0668	EA		1/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.50	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0669	EA		1/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.85	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0670	EA		1/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.31	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0671	EA		1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.89	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0672			5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0673	EA		5/16" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.46	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0674	EA		5/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.98	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0675	EA		5/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.03	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0676	EA		5/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.05	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0677	EA		5/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.50	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0678	EA		5/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.00	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0679	EA		5/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.09	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0680	EA		5/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.43	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0681	EA		5/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.47	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0682	EA		5/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.87	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0683	EA		5/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.19	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0684	EA		5/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.34	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0685	EA		5/16" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.72	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0686	EA		5/16" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.68	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0687	EA		5/16" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.29	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0688 EA 5/16" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.86	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0689 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0690 EA 3/8" Diameter x 1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.62	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0691 EA 3/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.74	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0692 EA 3/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	7.87	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0693 EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.19	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0694 EA 3/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.54	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0695 EA 3/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	8.81	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0696 EA 3/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.00	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0697 EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.46	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0698 EA 3/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.59	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0699 EA 3/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.91	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0700 EA 3/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.26	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0701 EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.70	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0702 EA 3/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.78	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0703 EA 3/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.01	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0704 EA 3/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.06	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0705 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.58	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0706 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0707 EA 7/16" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.43	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0708 EA 7/16" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.01	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0709	EA		7/16" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.45	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0710	EA		7/16" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.41	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0711	EA		7/16" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.44	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0712	EA		7/16" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.48	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0713	EA		7/16" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.05	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0714	EA		7/16" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.46	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0715	EA		7/16" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.83	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0716	EA		7/16" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.46	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0717	EA		7/16" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.89	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0718 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>					
05 05 23 00-0719	EA		1/2" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.18	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0720	EA		1/2" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.37	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0721	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	9.74	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0722	EA		1/2" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.38	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0723	EA		1/2" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.67	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0724	EA		1/2" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.21	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0725	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.50	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0726	EA		1/2" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.70	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0727	EA		1/2" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.13	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0728	EA		1/2" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.54	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0729	EA		1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.02	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0730 EA 1/2" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.06	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0731 EA 1/2" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.35	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0732 EA 1/2" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.48	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0733 EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.84	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0734 EA 1/2" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.76	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0735 EA 1/2" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.05	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0736 EA 1/2" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.11	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0737 EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.28	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0738 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts		
<small>(05 05 23 00-0654)</small>		
05 05 23 00-0739 EA 5/8" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	10.89	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0740 EA 5/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.18	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0741 EA 5/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.38	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0742 EA 5/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	11.90	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0743 EA 5/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.33	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0744 EA 5/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.28	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0745 EA 5/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.64	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0746 EA 5/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.81	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0747 EA 5/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.10	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0748 EA 5/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	14.68	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0749 EA 5/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.01	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0750 EA 5/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.99	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0751	EA		5/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.25	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0752	EA		5/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.96	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0753	EA		5/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.47	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0754	EA		5/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.39	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0755	EA		5/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.20	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0756	EA		5/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.05	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0757	EA		5/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.19	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0758			3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0759	EA		3/4" Diameter x 1" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.28	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0760	EA		3/4" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.34	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0761	EA		3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	12.69	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0762	EA		3/4" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	13.69	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0763	EA		3/4" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.02	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0764	EA		3/4" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	15.87	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0765	EA		3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.54	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0766	EA		3/4" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.62	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0767	EA		3/4" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.80	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0768	EA		3/4" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.12	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0769	EA		3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.25	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0770	EA		3/4" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	18.72	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0771	EA		3/4" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.84	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0772 EA 3/4" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.99	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0773 EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.45	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0774 EA 3/4" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.35	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0775 EA 3/4" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.83	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0776 EA 3/4" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.11	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0777 EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.25	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0778 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>		
05 05 23 00-0779 EA 7/8" Diameter x 1-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.07	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0780 EA 7/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	16.61	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0781 EA 7/8" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	17.13	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0782 EA 7/8" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.98	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0783 EA 7/8" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.41	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0784 EA 7/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.17	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0785 EA 7/8" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.77	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0786 EA 7/8" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.53	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0787 EA 7/8" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.26	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0788 EA 7/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	23.86	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0789 EA 7/8" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	28.58	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0790 EA 7/8" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	29.44	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0791 EA 7/8" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.54	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0792 EA 7/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.80	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0793	EA 7/8" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.31	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0794	EA 7/8" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.92	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0795	EA 7/8" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	32.68	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0796	EA 7/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.40	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0797 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolts <small>(05 05 23 00-0654)</small>			
05 05 23 00-0798	EA 1" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	19.90	
	<i>For >100 To 250, Deduct</i>	-2.06	
	<i>For >250 To 500, Deduct</i>	-2.57	
	<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0799	EA 1" Diameter x 2-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	20.27	
	<i>For >100 To 250, Deduct</i>	-2.10	
	<i>For >250 To 500, Deduct</i>	-2.62	
	<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0800	EA 1" Diameter x 3" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	21.30	
	<i>For >100 To 250, Deduct</i>	-2.10	
	<i>For >250 To 500, Deduct</i>	-2.62	
	<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0801	EA 1" Diameter x 3-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	22.11	
	<i>For >100 To 250, Deduct</i>	-2.10	
	<i>For >250 To 500, Deduct</i>	-2.62	
	<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0802	EA 1" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.16	
	<i>For >100 To 250, Deduct</i>	-2.14	
	<i>For >250 To 500, Deduct</i>	-2.68	
	<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0803	EA 1" Diameter x 4-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	24.58	
	<i>For >100 To 250, Deduct</i>	-2.14	
	<i>For >250 To 500, Deduct</i>	-2.68	
	<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0804	EA 1" Diameter x 5" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	25.77	
	<i>For >100 To 250, Deduct</i>	-2.14	
	<i>For >250 To 500, Deduct</i>	-2.68	
	<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0805	EA 1" Diameter x 5-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.09	
	<i>For >100 To 250, Deduct</i>	-2.18	
	<i>For >250 To 500, Deduct</i>	-2.73	
	<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0806	EA 1" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	26.53	
	<i>For >100 To 250, Deduct</i>	-2.18	
	<i>For >250 To 500, Deduct</i>	-2.73	
	<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0807	EA 1" Diameter x 6-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	30.58	
	<i>For >100 To 250, Deduct</i>	-2.18	
	<i>For >250 To 500, Deduct</i>	-2.73	
	<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0808	EA 1" Diameter x 7" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	31.55	
	<i>For >100 To 250, Deduct</i>	-2.22	
	<i>For >250 To 500, Deduct</i>	-2.78	
	<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0809	EA 1" Diameter x 7-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	33.24	
	<i>For >100 To 250, Deduct</i>	-2.22	
	<i>For >250 To 500, Deduct</i>	-2.78	
	<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0810	EA 1" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	34.92	
	<i>For >100 To 250, Deduct</i>	-2.22	
	<i>For >250 To 500, Deduct</i>	-2.78	
	<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0811	EA 1" Diameter x 8-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	35.63	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0812	EA 1" Diameter x 9" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	36.98	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0813	EA 1" Diameter x 9-1/2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	38.02	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0814 EA 1" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Hex Head Bolt.....	39.55	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0815 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0097)</small>		
05 05 23 00-0816 1/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0817 EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.58	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0818 EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.73	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0819 EA 1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.91	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0820 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.11	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0821 EA 1/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.52	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0822 EA 1/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.82	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0823 EA 1/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.17	
<i>For >100 To 250, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-1.85	
<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0824 EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.63	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0825 EA 1/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.07	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0826 EA 1/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.46	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0827 EA 1/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.99	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0828 EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.65	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0829 EA 1/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.50	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0830 EA 1/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.53	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0831 EA 1/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.89	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0832 EA 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.78	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0833 5/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0834 EA 5/16" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.85	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0835 EA 5/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	7.98	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 500, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-2.16	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0836	EA		5/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.26	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0837	EA		5/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.49	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0838	EA		5/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.11	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0839	EA		5/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.26	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0840	EA		5/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.99	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0841	EA		5/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.70	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0842	EA		5/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.52	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0843	EA		5/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.93	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0844	EA		5/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.39	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0845	EA		5/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.44	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0846	EA		5/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.11	
			<i>For >100 To 250, Deduct</i>	-1.56	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0847	EA		5/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.87	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.01	
			<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0848			3/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0849	EA		3/8" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.20	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0850	EA		3/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.37	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0851	EA		3/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	8.81	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0852	EA		3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.37	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.16	
05 05 23 00-0853	EA		3/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	9.87	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0854	EA		3/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.32	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0855	EA		3/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.91	
			<i>For >100 To 250, Deduct</i>	-1.48	
			<i>For >250 To 500, Deduct</i>	-1.85	
			<i>For >500, Deduct</i>	-2.22	
05 05 23 00-0856	EA		3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.65	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0857	EA		3/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.34	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >500, Deduct</i>	-2.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0858 EA 3/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.88	
<i>For >100 To 250, Deduct</i>	-1.52	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.28	
05 05 23 00-0859 EA 3/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.27	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0860 EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.54	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0861 EA 3/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.25	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-0862 EA 3/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.08	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0863 EA 3/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.47	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0864 EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.17	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-0865 7/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0866 EA 7/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.66	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0867 EA 7/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.84	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0868 EA 7/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.56	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0869 EA 7/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.20	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0870 EA 7/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.06	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0871 EA 7/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.49	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0872 EA 7/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.35	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0873 EA 7/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.03	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0874 EA 7/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.77	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0875 EA 7/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.28	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0876 EA 7/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.84	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0877 EA 7/16" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.19	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0878 EA 7/16" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.70	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0879 1/2" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0880	EA	1/2"	1/2" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.64	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0881	EA	1/2"	1/2" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	10.84	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0882	EA	1/2"	1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	11.97	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0883	EA	1/2"	1/2" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	12.63	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0884	EA	1/2"	1/2" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.65	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0885	EA	1/2"	1/2" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.21	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.11	
			<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0886	EA	1/2"	1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.08	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0887	EA	1/2"	1/2" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	15.57	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0888	EA	1/2"	1/2" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.26	
			<i>For >100 To 250, Deduct</i>	-1.73	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0889	EA	1/2"	1/2" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.21	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0890	EA	1/2"	1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.42	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0891	EA	1/2"	1/2" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.80	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0892	EA	1/2"	1/2" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.02	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0893	EA	1/2"	1/2" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.84	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0894	EA	1/2"	1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.13	
			<i>For >100 To 250, Deduct</i>	-1.81	
			<i>For >250 To 500, Deduct</i>	-2.26	
			<i>For >500, Deduct</i>	-2.72	
05 05 23 00-0895	EA	1/2"	1/2" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.65	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0896	EA	1/2"	1/2" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	33.16	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0897	EA	1/2"	1/2" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	36.73	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0898	EA	1/2"	1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.27	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0899			9/16" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0900	EA	9/16"	9/16" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.54	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0901	EA	9/16"	9/16" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.87	
			<i>For >100 To 250, Deduct</i>	-1.64	
			<i>For >250 To 500, Deduct</i>	-2.06	
			<i>For >500, Deduct</i>	-2.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0902 EA 9/16" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	22.97	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-0903 EA 9/16" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.00	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0904 EA 9/16" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	25.45	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0905 EA 9/16" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	27.99	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-0906 EA 9/16" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.92	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0907 EA 9/16" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.49	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0908 EA 9/16" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.86	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-0909 EA 9/16" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.60	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0910 EA 9/16" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.47	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-0911 5/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0912 EA 5/8" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	13.66	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0913 EA 5/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	14.20	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0914 EA 5/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.43	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0915 EA 5/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.00	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0916 EA 5/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.06	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0917 EA 5/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	19.58	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0918 EA 5/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.69	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0919 EA 5/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.71	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0920 EA 5/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.41	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0921 EA 5/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.58	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0922 EA 5/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.11	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0923 EA 5/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.73	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0924	EA		5/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.00	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0925	EA		5/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.54	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0926	EA		5/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.69	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0927	EA		5/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	43.59	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0928	EA		5/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	45.08	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0929	EA		5/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	51.76	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0930	EA		5/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	54.50	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0931			3/4" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0932	EA		3/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Hex Head Bolt	16.10	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0933	EA		3/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	17.15	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0934	EA		3/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	18.52	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-0935	EA		3/4" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	20.21	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0936	EA		3/4" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	21.73	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0937	EA		3/4" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	24.29	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-0938	EA		3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.02	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0939	EA		3/4" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.39	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0940	EA		3/4" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	30.30	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-0941	EA		3/4" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	32.46	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0942	EA		3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.68	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0943	EA		3/4" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	38.83	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-0944	EA		3/4" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	50.07	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0945	EA		3/4" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	53.60	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0946 EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	61.13	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-0947 EA 3/4" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	61.69	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0948 EA 3/4" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	62.88	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0949 EA 3/4" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	66.10	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0950 EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	68.58	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0951 7/8" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0815)</small>		
05 05 23 00-0952 EA 7/8" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	23.68	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0953 EA 7/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	26.28	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0954 EA 7/8" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	28.47	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0955 EA 7/8" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.12	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0956 EA 7/8" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.98	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0957 EA 7/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.36	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0958 EA 7/8" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	35.20	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0959 EA 7/8" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	40.95	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0960 EA 7/8" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	42.01	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0961 EA 7/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	44.23	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0962 EA 7/8" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.41	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0963 EA 7/8" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	61.29	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0964 EA 7/8" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	66.76	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0965 EA 7/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	71.17	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0966 EA 7/8" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	84.74	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0967 EA 7/8" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	95.46	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-0968	EA 7/8" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt.....	100.41	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0969	EA 7/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	105.35	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0970	1" Diameter, 304/18-8 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0975)</small>		
05 05 23 00-0971	EA 1" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	29.98	
	<i>For >100 To 250, Deduct</i>	-2.06	
	<i>For >250 To 500, Deduct</i>	-2.57	
	<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0972	EA 1" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	31.89	
	<i>For >100 To 250, Deduct</i>	-2.06	
	<i>For >250 To 500, Deduct</i>	-2.57	
	<i>For >500, Deduct</i>	-3.08	
05 05 23 00-0973	EA 1" Diameter x 2-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	34.93	
	<i>For >100 To 250, Deduct</i>	-2.10	
	<i>For >250 To 500, Deduct</i>	-2.62	
	<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0974	EA 1" Diameter x 3" Length, 304/18-8 Stainless Steel, Hex Head Bolt	37.32	
	<i>For >100 To 250, Deduct</i>	-2.10	
	<i>For >250 To 500, Deduct</i>	-2.62	
	<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0975	EA 1" Diameter x 3-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	41.26	
	<i>For >100 To 250, Deduct</i>	-2.10	
	<i>For >250 To 500, Deduct</i>	-2.62	
	<i>For >500, Deduct</i>	-3.15	
05 05 23 00-0976	EA 1" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Head Bolt	45.89	
	<i>For >100 To 250, Deduct</i>	-2.14	
	<i>For >250 To 500, Deduct</i>	-2.68	
	<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0977	EA 1" Diameter x 4-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	48.64	
	<i>For >100 To 250, Deduct</i>	-2.14	
	<i>For >250 To 500, Deduct</i>	-2.68	
	<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0978	EA 1" Diameter x 5" Length, 304/18-8 Stainless Steel, Hex Head Bolt	52.69	
	<i>For >100 To 250, Deduct</i>	-2.14	
	<i>For >250 To 500, Deduct</i>	-2.68	
	<i>For >500, Deduct</i>	-3.21	
05 05 23 00-0979	EA 1" Diameter x 5-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.70	
	<i>For >100 To 250, Deduct</i>	-2.18	
	<i>For >250 To 500, Deduct</i>	-2.73	
	<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0980	EA 1" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Head Bolt	56.93	
	<i>For >100 To 250, Deduct</i>	-2.18	
	<i>For >250 To 500, Deduct</i>	-2.73	
	<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0981	EA 1" Diameter x 6-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	67.80	
	<i>For >100 To 250, Deduct</i>	-2.18	
	<i>For >250 To 500, Deduct</i>	-2.73	
	<i>For >500, Deduct</i>	-3.27	
05 05 23 00-0982	EA 1" Diameter x 7" Length, 304/18-8 Stainless Steel, Hex Head Bolt	81.78	
	<i>For >100 To 250, Deduct</i>	-2.22	
	<i>For >250 To 500, Deduct</i>	-2.78	
	<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0983	EA 1" Diameter x 7-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	83.83	
	<i>For >100 To 250, Deduct</i>	-2.22	
	<i>For >250 To 500, Deduct</i>	-2.78	
	<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0984	EA 1" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Head Bolt	85.87	
	<i>For >100 To 250, Deduct</i>	-2.22	
	<i>For >250 To 500, Deduct</i>	-2.78	
	<i>For >500, Deduct</i>	-3.33	
05 05 23 00-0985	EA 1" Diameter x 8-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	90.17	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0986	EA 1" Diameter x 9" Length, 304/18-8 Stainless Steel, Hex Head Bolt	96.46	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0987	EA 1" Diameter x 9-1/2" Length, 304/18-8 Stainless Steel, Hex Head Bolt	124.99	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0988	EA 1" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Head Bolt	158.24	
	<i>For >100 To 250, Deduct</i>	-2.26	
	<i>For >250 To 500, Deduct</i>	-2.83	
	<i>For >500, Deduct</i>	-3.39	
05 05 23 00-0989	316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0997)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-0990 1/4" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-0991 EA 1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	7.86	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	
05 05 23 00-0992 EA 1" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.16	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	
05 05 23 00-0993 EA 1-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.38	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	
05 05 23 00-0994 EA 2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	8.53	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	
05 05 23 00-0995 EA 2-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.17	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.85	
For >500, Deduct	-2.22	
05 05 23 00-0996 EA 3" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.56	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.85	
For >500, Deduct	-2.22	
05 05 23 00-0997 EA 3-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	9.95	
For >100 To 250, Deduct	-1.48	
For >250 To 500, Deduct	-1.85	
For >500, Deduct	-2.22	
05 05 23 00-0998 EA 4" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.46	
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-1.90	
For >500, Deduct	-2.28	
05 05 23 00-0999 EA 4-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.78	
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-1.90	
For >500, Deduct	-2.28	
05 05 23 00-1000 EA 5" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	10.93	
For >100 To 250, Deduct	-1.52	
For >250 To 500, Deduct	-1.90	
For >500, Deduct	-2.28	
05 05 23 00-1001 EA 5-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	12.14	
For >100 To 250, Deduct	-1.56	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-1002 EA 6" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	12.41	
For >100 To 250, Deduct	-1.56	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-1003 EA 6-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	22.40	
For >100 To 250, Deduct	-1.56	
For >250 To 500, Deduct	-1.96	
For >500, Deduct	-2.35	
05 05 23 00-1004 EA 7" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	34.71	
For >100 To 250, Deduct	-1.60	
For >250 To 500, Deduct	-2.01	
For >500, Deduct	-2.41	
05 05 23 00-1005 EA 7-1/2" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	61.38	
For >100 To 250, Deduct	-1.60	
For >250 To 500, Deduct	-2.01	
For >500, Deduct	-2.41	
05 05 23 00-1006 EA 8" Length x 1/4" Diameter, 316 Stainless Steel, Hex Head Bolt	67.46	
For >100 To 250, Deduct	-1.60	
For >250 To 500, Deduct	-2.01	
For >500, Deduct	-2.41	
05 05 23 00-1007 5/16" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-1008 EA 5/16" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt	8.27	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	
05 05 23 00-1009 EA 5/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	8.61	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	
05 05 23 00-1010 EA 5/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	9.18	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	
05 05 23 00-1011 EA 5/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	9.62	
For >100 To 250, Deduct	-1.44	
For >250 To 500, Deduct	-1.80	
For >500, Deduct	-2.16	

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
05 05 23 00-1012	EA 5/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.01 -1.48 -1.85 -2.22	
05 05 23 00-1013	EA 5/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	10.89 -1.48 -1.85 -2.22	
05 05 23 00-1014	EA 5/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.51 -1.48 -1.85 -2.22	
05 05 23 00-1015	EA 5/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.97 -1.52 -1.90 -2.28	
05 05 23 00-1016	EA 5/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.28 -1.52 -1.90 -2.28	
05 05 23 00-1017	EA 5/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.55 -1.52 -1.90 -2.28	
05 05 23 00-1018	EA 5/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	14.68 -1.56 -1.96 -2.35	
05 05 23 00-1019	EA 5/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	15.71 -1.56 -1.96 -2.35	
05 05 23 00-1020	EA 5/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	24.21 -1.56 -1.96 -2.35	
05 05 23 00-1021	EA 5/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	36.49 -1.60 -2.01 -2.41	
05 05 23 00-1022	3/8" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-1023	EA 3/8" Diameter x 1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.17 -1.44 -1.80 -2.16	
05 05 23 00-1024	EA 3/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.31 -1.44 -1.80 -2.16	
05 05 23 00-1025	EA 3/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	9.84 -1.44 -1.80 -2.16	
05 05 23 00-1026	EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.11 -1.44 -1.80 -2.16	
05 05 23 00-1027	EA 3/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	11.77 -1.48 -1.85 -2.22	
05 05 23 00-1028	EA 3/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	12.00 -1.48 -1.85 -2.22	
05 05 23 00-1029	EA 3/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.10 -1.48 -1.85 -2.22	
05 05 23 00-1030	EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	13.47 -1.52 -1.90 -2.28	
05 05 23 00-1031	EA 3/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	14.16 -1.52 -1.90 -2.28	
05 05 23 00-1032	EA 3/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	14.64 -1.52 -1.90 -2.28	
05 05 23 00-1033	EA 3/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	16.38 -1.56 -1.96 -2.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1034 EA 3/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	18.25	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1035 EA 3/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	18.33	
<i>For >100 To 250, Deduct</i>	-1.56	
<i>For >250 To 500, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-2.35	
05 05 23 00-1036 EA 3/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	23.26	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-1037 EA 3/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	30.96	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-1038 EA 3/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	39.28	
<i>For >100 To 250, Deduct</i>	-1.60	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.41	
05 05 23 00-1039 7/16" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-1040 EA 7/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.32	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-1041 EA 7/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.12	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-1042 EA 7/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.61	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-1043 EA 7/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	16.11	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-1044 EA 7/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.55	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-1045 EA 7/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.90	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-1046 EA 7/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	22.35	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-1047 EA 7/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	22.76	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-1048 EA 7/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	23.62	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-1049 EA 7/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.42	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-1050 EA 7/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	25.03	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-1051 EA 7/16" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	25.65	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-1052 EA 7/16" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	26.34	
<i>For >100 To 250, Deduct</i>	-1.81	
<i>For >250 To 500, Deduct</i>	-2.26	
<i>For >500, Deduct</i>	-2.72	
05 05 23 00-1053 1/2" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-1054 EA 1/2" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	12.28	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	
05 05 23 00-1055 EA 1/2" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	13.14	
<i>For >100 To 250, Deduct</i>	-1.64	
<i>For >250 To 500, Deduct</i>	-2.06	
<i>For >500, Deduct</i>	-2.47	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1056 EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	14.34	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-1057 EA 1/2" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	15.99	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	
05 05 23 00-1058 EA 1/2" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	17.32	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	
05 05 23 00-1059 EA 1/2" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.65	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	
05 05 23 00-1060 EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	18.40	
For >100 To 250, Deduct	-1.73	
For >250 To 500, Deduct	-2.16	
For >500, Deduct	-2.59	
05 05 23 00-1061 EA 1/2" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	20.96	
For >100 To 250, Deduct	-1.73	
For >250 To 500, Deduct	-2.16	
For >500, Deduct	-2.59	
05 05 23 00-1062 EA 1/2" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	26.16	
For >100 To 250, Deduct	-1.73	
For >250 To 500, Deduct	-2.16	
For >500, Deduct	-2.59	
05 05 23 00-1063 EA 1/2" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.77	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.21	
For >500, Deduct	-2.66	
05 05 23 00-1064 EA 1/2" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	27.59	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.21	
For >500, Deduct	-2.66	
05 05 23 00-1065 EA 1/2" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	34.02	
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.21	
For >500, Deduct	-2.66	
05 05 23 00-1066 EA 1/2" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	38.53	
For >100 To 250, Deduct	-1.81	
For >250 To 500, Deduct	-2.26	
For >500, Deduct	-2.72	
05 05 23 00-1067 EA 1/2" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.31	
For >100 To 250, Deduct	-1.81	
For >250 To 500, Deduct	-2.26	
For >500, Deduct	-2.72	
05 05 23 00-1068 EA 1/2" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	45.92	
For >100 To 250, Deduct	-1.81	
For >250 To 500, Deduct	-2.26	
For >500, Deduct	-2.72	
05 05 23 00-1069 EA 1/2" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.32	
For >100 To 250, Deduct	-1.85	
For >250 To 500, Deduct	-2.32	
For >500, Deduct	-2.78	
05 05 23 00-1070 EA 1/2" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	66.18	
For >100 To 250, Deduct	-1.85	
For >250 To 500, Deduct	-2.32	
For >500, Deduct	-2.78	
05 05 23 00-1071 EA 1/2" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	67.47	
For >100 To 250, Deduct	-1.85	
For >250 To 500, Deduct	-2.32	
For >500, Deduct	-2.78	
05 05 23 00-1072 EA 1/2" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	69.48	
For >100 To 250, Deduct	-1.85	
For >250 To 500, Deduct	-2.32	
For >500, Deduct	-2.78	
05 05 23 00-1073 9/16" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1074 EA 9/16" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	33.82	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-1075 EA 9/16" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	36.65	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-1076 EA 9/16" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	46.11	
For >100 To 250, Deduct	-1.64	
For >250 To 500, Deduct	-2.06	
For >500, Deduct	-2.47	
05 05 23 00-1077 EA 9/16" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.63	
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-2.11	
For >500, Deduct	-2.53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1078 EA 9/16" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	57.22	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-1079 EA 9/16" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	62.81	
<i>For >100 To 250, Deduct</i>	-1.69	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.53	
05 05 23 00-1080 EA 9/16" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	66.50	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-1081 EA 9/16" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	71.10	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-1082 EA 9/16" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	75.20	
<i>For >100 To 250, Deduct</i>	-1.73	
<i>For >250 To 500, Deduct</i>	-2.16	
<i>For >500, Deduct</i>	-2.59	
05 05 23 00-1083 EA 9/16" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	76.65	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-1084 EA 9/16" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	80.25	
<i>For >100 To 250, Deduct</i>	-1.77	
<i>For >250 To 500, Deduct</i>	-2.21	
<i>For >500, Deduct</i>	-2.66	
05 05 23 00-1085 5/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1086 EA 5/8" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	17.70	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-1087 EA 5/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	17.94	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-1088 EA 5/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	18.03	
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 500, Deduct</i>	-2.32	
<i>For >500, Deduct</i>	-2.78	
05 05 23 00-1089 EA 5/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	19.84	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-1090 EA 5/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	21.50	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-1091 EA 5/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	26.77	
<i>For >100 To 250, Deduct</i>	-1.89	
<i>For >250 To 500, Deduct</i>	-2.37	
<i>For >500, Deduct</i>	-2.84	
05 05 23 00-1092 EA 5/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	28.08	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1093 EA 5/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	32.69	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1094 EA 5/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	34.29	
<i>For >100 To 250, Deduct</i>	-1.93	
<i>For >250 To 500, Deduct</i>	-2.42	
<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1095 EA 5/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	37.52	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1096 EA 5/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	38.83	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1097 EA 5/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	46.90	
<i>For >100 To 250, Deduct</i>	-1.97	
<i>For >250 To 500, Deduct</i>	-2.47	
<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1098 EA 5/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	50.01	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1099 EA 5/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.04	
<i>For >100 To 250, Deduct</i>	-2.01	
<i>For >250 To 500, Deduct</i>	-2.52	
<i>For >500, Deduct</i>	-3.02	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1100	EA		5/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	54.81	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1101	EA		5/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.42	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1102	EA		5/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	61.61	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1103	EA		5/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	76.85	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1104	EA		5/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	93.13	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1105			3/4" Diameter, 316 Stainless Steel, Hex Head Bolts <small>(05 05 23 00-0989)</small>		
05 05 23 00-1106	EA		3/4" Diameter x 1" Length, 316 Stainless Steel, Hex Head Bolt	24.11	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-1107	EA		3/4" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	24.68	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-1108	EA		3/4" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	26.88	
			<i>For >100 To 250, Deduct</i>	-1.85	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500, Deduct</i>	-2.78	
05 05 23 00-1109	EA		3/4" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	29.00	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-1110	EA		3/4" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	33.10	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-1111	EA		3/4" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	35.47	
			<i>For >100 To 250, Deduct</i>	-1.89	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-2.84	
05 05 23 00-1112	EA		3/4" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	40.74	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1113	EA		3/4" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	42.83	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1114	EA		3/4" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	43.98	
			<i>For >100 To 250, Deduct</i>	-1.93	
			<i>For >250 To 500, Deduct</i>	-2.42	
			<i>For >500, Deduct</i>	-2.90	
05 05 23 00-1115	EA		3/4" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	45.72	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1116	EA		3/4" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	48.34	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1117	EA		3/4" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	56.41	
			<i>For >100 To 250, Deduct</i>	-1.97	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-2.96	
05 05 23 00-1118	EA		3/4" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	68.28	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1119	EA		3/4" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	77.38	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1120	EA		3/4" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	78.75	
			<i>For >100 To 250, Deduct</i>	-2.01	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.02	
05 05 23 00-1121	EA		3/4" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	84.43	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1122 EA 3/4" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	98.21	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1123 EA 3/4" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	99.38	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1124 EA 3/4" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	102.29	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1125 7/8" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)	27.22	
05 05 23 00-1126 EA 7/8" Diameter x 1-1/2" Length, 316 Stainless Steel, Hex Head Bolt	27.22	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1127 EA 7/8" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	31.01	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-2.57	
<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1128 EA 7/8" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	33.29	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-1129 EA 7/8" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	38.59	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-1130 EA 7/8" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	40.97	
<i>For >100 To 250, Deduct</i>	-2.10	
<i>For >250 To 500, Deduct</i>	-2.62	
<i>For >500, Deduct</i>	-3.15	
05 05 23 00-1131 EA 7/8" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	43.27	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-1132 EA 7/8" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	46.48	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-1133 EA 7/8" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	53.71	
<i>For >100 To 250, Deduct</i>	-2.14	
<i>For >250 To 500, Deduct</i>	-2.68	
<i>For >500, Deduct</i>	-3.21	
05 05 23 00-1134 EA 7/8" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	54.10	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1135 EA 7/8" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	56.50	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1136 EA 7/8" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	76.73	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-2.73	
<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1137 EA 7/8" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	85.87	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1138 EA 7/8" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	95.48	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1139 EA 7/8" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	100.21	
<i>For >100 To 250, Deduct</i>	-2.22	
<i>For >250 To 500, Deduct</i>	-2.78	
<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1140 EA 7/8" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	106.56	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1141 EA 7/8" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	110.67	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1142 EA 7/8" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	114.75	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1143 EA 7/8" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	119.34	
<i>For >100 To 250, Deduct</i>	-2.26	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >500, Deduct</i>	-3.39	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1144			1" Diameter, 316 Stainless Steel, Hex Head Bolts (05 05 23 00-0989)		
05 05 23 00-1145	EA		1" Diameter x 2" Length, 316 Stainless Steel, Hex Head Bolt	35.56	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-2.57	
			<i>For >500, Deduct</i>	-3.08	
05 05 23 00-1146	EA		1" Diameter x 2-1/2" Length, 316 Stainless Steel, Hex Head Bolt	41.60	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-1147	EA		1" Diameter x 3" Length, 316 Stainless Steel, Hex Head Bolt	45.52	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-1148	EA		1" Diameter x 3-1/2" Length, 316 Stainless Steel, Hex Head Bolt	51.76	
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.15	
05 05 23 00-1149	EA		1" Diameter x 4" Length, 316 Stainless Steel, Hex Head Bolt	54.21	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-1150	EA		1" Diameter x 4-1/2" Length, 316 Stainless Steel, Hex Head Bolt	58.45	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-1151	EA		1" Diameter x 5" Length, 316 Stainless Steel, Hex Head Bolt	62.73	
			<i>For >100 To 250, Deduct</i>	-2.14	
			<i>For >250 To 500, Deduct</i>	-2.68	
			<i>For >500, Deduct</i>	-3.21	
05 05 23 00-1152	EA		1" Diameter x 5-1/2" Length, 316 Stainless Steel, Hex Head Bolt	67.23	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1153	EA		1" Diameter x 6" Length, 316 Stainless Steel, Hex Head Bolt	78.29	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1154	EA		1" Diameter x 6-1/2" Length, 316 Stainless Steel, Hex Head Bolt	89.19	
			<i>For >100 To 250, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-2.73	
			<i>For >500, Deduct</i>	-3.27	
05 05 23 00-1155	EA		1" Diameter x 7" Length, 316 Stainless Steel, Hex Head Bolt	104.31	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1156	EA		1" Diameter x 7-1/2" Length, 316 Stainless Steel, Hex Head Bolt	116.84	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1157	EA		1" Diameter x 8" Length, 316 Stainless Steel, Hex Head Bolt	118.65	
			<i>For >100 To 250, Deduct</i>	-2.22	
			<i>For >250 To 500, Deduct</i>	-2.78	
			<i>For >500, Deduct</i>	-3.33	
05 05 23 00-1158	EA		1" Diameter x 8-1/2" Length, 316 Stainless Steel, Hex Head Bolt	122.94	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1159	EA		1" Diameter x 9" Length, 316 Stainless Steel, Hex Head Bolt	124.66	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1160	EA		1" Diameter x 9-1/2" Length, 316 Stainless Steel, Hex Head Bolt	145.48	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1161	EA		1" Diameter x 10" Length, 316 Stainless Steel, Hex Head Bolt	165.57	
			<i>For >100 To 250, Deduct</i>	-2.26	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500, Deduct</i>	-3.39	
05 05 23 00-1162			Screws (05 05 23)		
05 05 23 00-1163			Teks® 5 Self Drilling Screws (05 05 23 00-1162)		
			Note: Includes Climaseal® finish, self-drill point and tapping threads.		
05 05 23 00-1164	EA		12-24 x 1-1/4", Hex Washer Head, Teks® 5 Self Drilling Screw	3.94	
			<i>For >10 To 50, Deduct</i>	-0.17	
			<i>For >50 To 100, Deduct</i>	-0.36	
			<i>For >100, Deduct</i>	-0.71	
05 05 23 00-1165	EA		12-24 x 1-1/2", Hex Washer Head, Teks® 5 Self Drilling Screw	4.12	
			<i>For >10 To 50, Deduct</i>	-0.17	
			<i>For >50 To 100, Deduct</i>	-0.36	
			<i>For >100, Deduct</i>	-0.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1166 EA 12-24 x 2", Hex Washer Head, Teks® 5 Self Drilling Screw.....	4.61	
<i>For >10 To 50, Deduct</i>	-0.18	
<i>For >50 To 100, Deduct</i>	-0.39	
<i>For >100, Deduct</i>	-0.78	
05 05 23 00-1167 EA 1/4" x 3", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.39	
<i>For >10 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.50	
<i>For >100, Deduct</i>	-1.01	
05 05 23 00-1168 EA 1/4" x 4", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	6.83	
<i>For >10 To 50, Deduct</i>	-0.24	
<i>For >50 To 100, Deduct</i>	-0.53	
<i>For >100, Deduct</i>	-1.06	
05 05 23 00-1169 EA 1/4" x 6", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	8.53	
<i>For >10 To 50, Deduct</i>	-0.25	
<i>For >50 To 100, Deduct</i>	-0.59	
<i>For >100, Deduct</i>	-1.18	
05 05 23 00-1170 EA 1/4" x 8", 28 TPI, Hex Washer Head, Teks® 5 Self Drilling Screw	9.56	
<i>For >10 To 50, Deduct</i>	-0.26	
<i>For >50 To 100, Deduct</i>	-0.63	
<i>For >100, Deduct</i>	-1.27	
05 05 23 00-1171 Security Screws (05 05 23 00-1162)		
05 05 23 00-1172 304/18-8 Stainless Steel, Security Screws (05 05 23 00-1171)		
Note: Includes "security" style drive in machine or sheet metal screw threads.		
05 05 23 00-1173 EA #4 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screws	3.10	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.29	
<i>For >100, Deduct</i>	-0.59	
05 05 23 00-1174 EA #6 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.69	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.31	
<i>For >100, Deduct</i>	-0.62	
05 05 23 00-1175 EA #6 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	4.19	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >100, Deduct</i>	-0.64	
05 05 23 00-1176 EA #6 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.37	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.33	
<i>For >100, Deduct</i>	-0.65	
05 05 23 00-1177 EA #6 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.69	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.33	
<i>For >100, Deduct</i>	-0.67	
05 05 23 00-1178 EA #8 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.82	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.31	
<i>For >100, Deduct</i>	-0.62	
05 05 23 00-1179 EA #8 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	4.06	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >100, Deduct</i>	-0.64	
05 05 23 00-1180 EA #8 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.56	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.33	
<i>For >100, Deduct</i>	-0.66	
05 05 23 00-1181 EA #8 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.72	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.33	
<i>For >100, Deduct</i>	-0.67	
05 05 23 00-1182 EA #10 Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	3.97	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >100, Deduct</i>	-0.63	
05 05 23 00-1183 EA #10 Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw.....	4.04	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >100, Deduct</i>	-0.63	
05 05 23 00-1184 EA #10 Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.26	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >100, Deduct</i>	-0.65	
05 05 23 00-1185 EA #10 Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw.....	4.93	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.34	
<i>For >100, Deduct</i>	-0.68	
05 05 23 00-1186 EA 1/4" Diameter x 1/2" Length, 304/18-8 Stainless Steel, Security Screw	4.37	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.33	
<i>For >100, Deduct</i>	-0.65	
05 05 23 00-1187 EA 1/4" Diameter x 1" Length, 304/18-8 Stainless Steel, Security Screw	4.52	
<i>For >10 To 50, Deduct</i>	-0.14	
<i>For >50 To 100, Deduct</i>	-0.33	
<i>For >100, Deduct</i>	-0.66	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1188	EA		1/4" Diameter x 1-1/2" Length, 304/18-8 Stainless Steel, Security Screw	5.17	
			<i>For >10 To 50, Deduct</i>	-0.14	
			<i>For >50 To 100, Deduct</i>	-0.35	
			<i>For >100, Deduct</i>	-0.69	
05 05 23 00-1189	EA		1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Security Screw	6.20	
			<i>For >10 To 50, Deduct</i>	-0.14	
			<i>For >50 To 100, Deduct</i>	-0.37	
			<i>For >100, Deduct</i>	-0.74	
05 05 23 00-1190			Threaded Rod <small>(05 05 23)</small>		
			Note: Fully threaded. See CSI section 05 05 19 00-0169 for anchoring adhesive, 05 05 23 00-1283 for nuts and washers.		
05 05 23 00-1191			Plain Finish Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>		
05 05 23 00-1192	LF		1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	2.53	0.52
			<i>For Left Hand Threaded Rod, Add</i>	0.15	
05 05 23 00-1193	LF		5/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.39	0.57
			<i>For Left Hand Threaded Rod, Add</i>	0.22	
05 05 23 00-1194	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.94	0.66
			<i>For Left Hand Threaded Rod, Add</i>	0.26	
05 05 23 00-1195	LF		7/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.45	0.68
			<i>For Left Hand Threaded Rod, Add</i>	0.41	
05 05 23 00-1196	LF		1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.58	0.71
			<i>For Left Hand Threaded Rod, Add</i>	0.42	
05 05 23 00-1197	LF		9/16" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.01	0.71
			<i>For Left Hand Threaded Rod, Add</i>	0.56	
05 05 23 00-1198	LF		5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.93	0.73
			<i>For Left Hand Threaded Rod, Add</i>	0.65	
05 05 23 00-1199	LF		3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	13.27	0.75
			<i>For Left Hand Threaded Rod, Add</i>	1.18	
05 05 23 00-1200	LF		7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.50	0.77
			<i>For Left Hand Threaded Rod, Add</i>	1.30	
05 05 23 00-1201	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	19.94	0.87
			<i>For Left Hand Threaded Rod, Add</i>	1.82	
05 05 23 00-1202	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	24.89	0.97
			<i>For Left Hand Threaded Rod, Add</i>	2.30	
05 05 23 00-1203	LF		1-1/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	33.14	1.05
			<i>For Left Hand Threaded Rod, Add</i>	3.10	
05 05 23 00-1204	LF		1-3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	41.37	1.14
			<i>For Left Hand Threaded Rod, Add</i>	3.91	
05 05 23 00-1205	LF		1-1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	49.58	1.19
			<i>For Left Hand Threaded Rod, Add</i>	4.72	
05 05 23 00-1206	LF		1-3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	60.93	1.24
			<i>For Left Hand Threaded Rod, Add</i>	5.84	
05 05 23 00-1207	LF		2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	78.00	1.31
			<i>For Left Hand Threaded Rod, Add</i>	7.54	
05 05 23 00-1208			Zinc Plated Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>		
05 05 23 00-1209	LF		1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	2.55	0.52
			<i>For Left Hand Threaded Rod, Add</i>	0.15	
05 05 23 00-1210	LF		5/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	3.88	0.57
			<i>For Left Hand Threaded Rod, Add</i>	0.27	
05 05 23 00-1211	LF		3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	4.31	0.66
			<i>For Left Hand Threaded Rod, Add</i>	0.30	
05 05 23 00-1212	LF		7/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.37	0.68
			<i>For Left Hand Threaded Rod, Add</i>	0.50	
05 05 23 00-1213	LF		1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	6.88	0.71
			<i>For Left Hand Threaded Rod, Add</i>	0.55	
05 05 23 00-1214	LF		9/16" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	9.13	0.71
			<i>For Left Hand Threaded Rod, Add</i>	0.77	
05 05 23 00-1215	LF		5/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	9.71	0.73
			<i>For Left Hand Threaded Rod, Add</i>	0.83	
05 05 23 00-1216	LF		3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	14.80	0.75
			<i>For Left Hand Threaded Rod, Add</i>	1.33	
05 05 23 00-1217	LF		7/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	19.29	0.77
			<i>For Left Hand Threaded Rod, Add</i>	1.78	
05 05 23 00-1218	LF		1" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	25.97	0.87
			<i>For Left Hand Threaded Rod, Add</i>	2.42	
05 05 23 00-1219	LF		1-1/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	33.62	0.97
			<i>For Left Hand Threaded Rod, Add</i>	3.17	
05 05 23 00-1220	LF		1-1/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	40.16	1.05
			<i>For Left Hand Threaded Rod, Add</i>	3.80	
05 05 23 00-1221	LF		1-3/8" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	45.72	1.14
			<i>For Left Hand Threaded Rod, Add</i>	4.34	
05 05 23 00-1222	LF		1-1/2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	57.71	1.19
			<i>For Left Hand Threaded Rod, Add</i>	5.53	
05 05 23 00-1223	LF		1-3/4" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	71.64	1.24
			<i>For Left Hand Threaded Rod, Add</i>	6.92	
05 05 23 00-1224	LF		2" Diameter, Zinc Plated Steel, Low Carbon Threaded Rod	104.84	1.31
			<i>For Left Hand Threaded Rod, Add</i>	10.22	
05 05 23 00-1225			Hot Dipped Galvanized Steel, Low Carbon Threaded Rod <small>(05 05 23 00-1190)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1226 LF 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	7.36 0.61	0.66
05 05 23 00-1227 LF 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	10.42 0.90	0.71
05 05 23 00-1228 LF 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	14.20 1.28	0.73
05 05 23 00-1229 LF 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	19.64 1.82	0.75
05 05 23 00-1230 LF 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	27.35 2.58	0.77
05 05 23 00-1231 LF 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	35.35 3.36	0.87
05 05 23 00-1232 LF 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	46.62 4.47	0.97
05 05 23 00-1233 LF 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	61.41 5.92	1.05
05 05 23 00-1234 LF 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	68.70 6.64	1.14
05 05 23 00-1235 LF 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	81.87 7.95	1.19
05 05 23 00-1236 LF 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	99.58 9.71	1.24
05 05 23 00-1237 LF 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	174.33 17.17	1.31
05 05 23 00-1238 304/18-8 Stainless Steel Threaded Rod <small>(05 05 23 00-1190)</small>		
05 05 23 00-1239 LF 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	4.14 0.31	0.52
05 05 23 00-1240 LF 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	6.44 0.53	0.57
05 05 23 00-1241 LF 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	8.37 0.71	0.66
05 05 23 00-1242 LF 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	11.85 1.05	0.68
05 05 23 00-1243 LF 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	14.32 1.29	0.71
05 05 23 00-1244 LF 9/16" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	20.88 1.95	0.71
05 05 23 00-1245 LF 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	21.82 2.04	0.73
05 05 23 00-1246 LF 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	30.81 2.93	0.75
05 05 23 00-1247 LF 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	42.64 4.11	0.77
05 05 23 00-1248 LF 1" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	54.80 5.31	0.87
05 05 23 00-1249 LF 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	116.75 11.46	1.05
05 05 23 00-1250 LF 1-1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	178.23 17.59	1.19
05 05 23 00-1251 LF 1-3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	183.31 18.08	1.24
05 05 23 00-1252 LF 2" Diameter, 304/18-8 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	254.05 25.14	1.31
05 05 23 00-1253 316 Stainless Steel Threaded Rod <small>(05 05 23 00-1190)</small>		
05 05 23 00-1254 LF 1/4" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	6.23 0.52	0.52
05 05 23 00-1255 LF 5/16" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	10.29 0.91	0.57
05 05 23 00-1256 LF 3/8" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	13.77 1.25	0.66
05 05 23 00-1257 LF 7/16" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	21.83 2.05	0.68
05 05 23 00-1258 LF 1/2" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	23.17 2.18	0.71
05 05 23 00-1259 LF 9/16" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	30.61 2.92	0.71
05 05 23 00-1260 LF 5/8" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	32.98 3.15	0.73
05 05 23 00-1261 LF 3/4" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	48.38 4.69	0.75
05 05 23 00-1262 LF 7/8" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	66.49 6.50	0.77
05 05 23 00-1263 LF 1" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	84.23 8.25	0.87
05 05 23 00-1264 LF 1-1/4" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	178.55 17.64	1.05
05 05 23 00-1265 LF 1-1/2" Diameter, 316 Stainless Steel Threaded Rod..... <i>For Left Hand Threaded Rod, Add</i>	234.28 23.19	1.19
05 05 23 00-1266 Plain Finish Steel, B-7 Alloy Threaded Rod <small>(05 05 23 00-1190)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1267	LF		1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	4.62 1.79	0.52
05 05 23 00-1268	LF		5/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	7.26 3.06	0.57
05 05 23 00-1269	LF		3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	7.57 3.13	0.66
05 05 23 00-1270	LF		7/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	8.29 3.47	0.68
05 05 23 00-1271	LF		1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	9.16 3.89	0.71
05 05 23 00-1272	LF		9/16" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	11.55 5.07	0.71
05 05 23 00-1273	LF		5/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	11.92 5.24	0.73
05 05 23 00-1274	LF		3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	15.98 7.25	0.75
05 05 23 00-1275	LF		7/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	19.24 8.85	0.77
05 05 23 00-1276	LF		1" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	25.04 11.65	0.87
05 05 23 00-1277	LF		1-1/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	32.69 15.38	0.97
05 05 23 00-1278	LF		1-1/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	36.38 17.10	1.05
05 05 23 00-1279	LF		1-3/8" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	42.07 19.90	1.14
05 05 23 00-1280	LF		1-1/2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	51.29 24.46	1.19
05 05 23 00-1281	LF		1-3/4" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	53.01 25.26	1.24
05 05 23 00-1282	LF		2" Diameter, Plain Finish Steel, B-7 Alloy Threaded Rod <i>For Zinc Plating, Add</i>	71.39 34.39	1.31
05 05 23 00-1283			Nuts And Washers <small>(05 05 23)</small>		
05 05 23 00-1284			Hex Nuts <small>(05 05 23 00-1283)</small>		
05 05 23 00-1285			Zinc Plated Steel, Low Carbon/Grade 2 Hex Nuts <small>(05 05 23 00-1284)</small>		
05 05 23 00-1286	EA		1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.65	0.28
05 05 23 00-1287	EA		5/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.73	0.28
05 05 23 00-1288	EA		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.28
05 05 23 00-1289	EA		7/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.92	0.28
05 05 23 00-1290	EA		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.00	0.28
05 05 23 00-1291	EA		9/16" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.36	0.28
05 05 23 00-1292	EA		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.41	0.28
05 05 23 00-1293	EA		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.68	0.57
05 05 23 00-1294	EA		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.52	0.57
05 05 23 00-1295	EA		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.23	0.57
05 05 23 00-1296	EA		1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	5.36	0.57
05 05 23 00-1297	EA		1-1/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	6.58	0.57
05 05 23 00-1298	EA		1-3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	9.77	0.57
05 05 23 00-1299	EA		1-1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	11.34	0.86
05 05 23 00-1300	EA		1-3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	16.75	0.86
05 05 23 00-1301	EA		2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	24.30	0.86
05 05 23 00-1302			Zinc Plated Steel, Grade 5 Hex Nuts <small>(05 05 23 00-1284)</small>		
05 05 23 00-1303	EA		1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.67	0.28
05 05 23 00-1304	EA		5/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.74	0.28
05 05 23 00-1305	EA		3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.81	0.28
05 05 23 00-1306	EA		7/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	0.96	0.28
05 05 23 00-1307	EA		1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.14	0.28
05 05 23 00-1308	EA		9/16" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.40	0.28
05 05 23 00-1309	EA		5/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.44	0.28
05 05 23 00-1310	EA		3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	1.92	0.57
05 05 23 00-1311	EA		7/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	2.76	0.57
05 05 23 00-1312	EA		1" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	3.95	0.57
05 05 23 00-1313	EA		1-1/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	6.08	0.57
05 05 23 00-1314	EA		1-1/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	8.65	0.57
05 05 23 00-1315	EA		1-3/8" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	12.79	0.57
05 05 23 00-1316	EA		1-1/2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	14.15	0.86
05 05 23 00-1317	EA		1-3/4" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	25.71	0.86
05 05 23 00-1318	EA		2" Diameter, Zinc Plated Steel, Grade 5 Hex Nut	36.95	0.86
05 05 23 00-1319			Zinc Plated Steel, Grade 8 Hex Nuts <small>(05 05 23 00-1284)</small>		
05 05 23 00-1320	EA		1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.69	0.28
05 05 23 00-1321	EA		5/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.80	0.28
05 05 23 00-1322	EA		3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	0.87	0.28
05 05 23 00-1323	EA		7/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.11	0.28
05 05 23 00-1324	EA		1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.35	0.28
05 05 23 00-1325	EA		9/16" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.64	0.28
05 05 23 00-1326	EA		5/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	1.88	0.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1327 EA 3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	2.36	0.57
05 05 23 00-1328 EA 7/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	3.60	0.57
05 05 23 00-1329 EA 1" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	4.84	0.57
05 05 23 00-1330 EA 1-1/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	7.64	0.57
05 05 23 00-1331 EA 1-1/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	9.55	0.57
05 05 23 00-1332 EA 1-3/8" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	15.86	0.57
05 05 23 00-1333 EA 1-1/2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	16.84	0.86
05 05 23 00-1334 EA 1-3/4" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	25.78	0.86
05 05 23 00-1335 EA 2" Diameter, Zinc Plated Steel, Grade 8 Hex Nut	36.54	0.86
05 05 23 00-1336 Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1337 EA 1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.69	0.28
05 05 23 00-1338 EA 5/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.78	0.28
05 05 23 00-1339 EA 3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	0.85	0.28
05 05 23 00-1340 EA 7/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.09	0.28
05 05 23 00-1341 EA 1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.26	0.28
05 05 23 00-1342 EA 9/16" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.42	0.28
05 05 23 00-1343 EA 5/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	1.58	0.28
05 05 23 00-1344 EA 3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	2.14	0.57
05 05 23 00-1345 EA 7/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	3.16	0.57
05 05 23 00-1346 EA 1" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	4.41	0.57
05 05 23 00-1347 EA 1-1/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	7.38	0.57
05 05 23 00-1348 EA 1-1/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	9.49	0.57
05 05 23 00-1349 EA 1-3/8" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	14.18	0.57
05 05 23 00-1350 EA 1-1/2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	16.58	0.86
05 05 23 00-1351 EA 1-3/4" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	29.06	0.86
05 05 23 00-1352 EA 2" Diameter, Hot Dipped Galvanized Steel, Low Carbon/Grade 2 Hex Nut	50.44	0.86
05 05 23 00-1353 304 Stainless Steel Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1354 EA 1/4" Diameter, 304 Stainless Steel Hex Nut	0.82	0.28
05 05 23 00-1355 EA 5/16" Diameter, 304 Stainless Steel Hex Nut	0.99	0.28
05 05 23 00-1356 EA 3/8" Diameter, 304 Stainless Steel Hex Nut	1.14	0.28
05 05 23 00-1357 EA 7/16" Diameter, 304 Stainless Steel Hex Nut	1.81	0.28
05 05 23 00-1358 EA 1/2" Diameter, 304 Stainless Steel Hex Nut	1.96	0.28
05 05 23 00-1359 EA 9/16" Diameter, 304 Stainless Steel Hex Nut	3.13	0.28
05 05 23 00-1360 EA 5/8" Diameter, 304 Stainless Steel Hex Nut	3.52	0.28
05 05 23 00-1361 EA 3/4" Diameter, 304 Stainless Steel Hex Nut	4.07	0.57
05 05 23 00-1362 EA 7/8" Diameter, 304 Stainless Steel Hex Nut	6.87	0.57
05 05 23 00-1363 EA 1" Diameter, 304 Stainless Steel Hex Nut	10.65	0.57
05 05 23 00-1364 EA 1-1/4" Diameter, 304 Stainless Steel Hex Nut	26.02	0.57
05 05 23 00-1365 EA 1-1/2" Diameter, 304 Stainless Steel Hex Nut	50.40	0.86
05 05 23 00-1366 EA 1-3/4" Diameter, 304 Stainless Steel Hex Nut	89.01	0.86
05 05 23 00-1367 EA 2" Diameter, 304 Stainless Steel Hex Nut	127.07	0.86
05 05 23 00-1368 316 Stainless Steel Hex Nuts (05 05 23 00-1284)		
05 05 23 00-1369 EA 1/4" Diameter, 316 Stainless Steel Hex Nut	0.99	0.28
05 05 23 00-1370 EA 5/16" Diameter, 316 Stainless Steel Hex Nut	1.15	0.28
05 05 23 00-1371 EA 3/8" Diameter, 316 Stainless Steel Hex Nut	1.41	0.28
05 05 23 00-1372 EA 7/16" Diameter, 316 Stainless Steel Hex Nut	2.46	0.28
05 05 23 00-1373 EA 1/2" Diameter, 316 Stainless Steel Hex Nut	2.64	0.28
05 05 23 00-1374 EA 9/16" Diameter, 316 Stainless Steel Hex Nut	3.70	0.28
05 05 23 00-1375 EA 5/8" Diameter, 316 Stainless Steel Hex Nut	4.21	0.28
05 05 23 00-1376 EA 3/4" Diameter, 316 Stainless Steel Hex Nut	5.97	0.57
05 05 23 00-1377 EA 7/8" Diameter, 316 Stainless Steel Hex Nut	8.43	0.57
05 05 23 00-1378 EA 1" Diameter, 316 Stainless Steel Hex Nut	13.13	0.57
05 05 23 00-1379 EA 1-1/4" Diameter, 316 Stainless Steel Hex Nut	40.62	0.57
05 05 23 00-1380 EA 1-1/2" Diameter, 316 Stainless Steel Hex Nut	65.97	0.86
05 05 23 00-1381 EA 1-3/4" Diameter, 316 Stainless Steel Hex Nut	111.68	0.86
05 05 23 00-1382 EA 2" Diameter, 316 Stainless Steel Hex Nut	208.09	0.86
05 05 23 00-1383 Flat Washers (05 05 23 00-1283)		
05 05 23 00-1384 Zinc Plated Steel, Low Carbon Flat Washers (05 05 23 00-1383)		
05 05 23 00-1385 EA 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.05	
05 05 23 00-1386 EA 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.09	
05 05 23 00-1387 EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.16	
05 05 23 00-1388 EA 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.24	
05 05 23 00-1389 EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.34	
05 05 23 00-1390 EA 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.39	
05 05 23 00-1391 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.66	
05 05 23 00-1392 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.95	
05 05 23 00-1393 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.13	
05 05 23 00-1394 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.39	
05 05 23 00-1395 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.57	
05 05 23 00-1396 EA 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.88	
05 05 23 00-1397 EA 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.95	
05 05 23 00-1398 EA 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	3.02	
05 05 23 00-1399 EA 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	4.47	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 05 23 00-1400 EA 2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer 5.56

05 05 23 00-1401 Zinc Plated Steel, Hardened Flat Washers (05 05 23 00-1383)

05 05 23 00-1402 EA 1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 0.20
 05 05 23 00-1403 EA 5/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 0.28
 05 05 23 00-1404 EA 3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 0.32
 05 05 23 00-1405 EA 7/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 0.44
 05 05 23 00-1406 EA 1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 0.59
 05 05 23 00-1407 EA 9/16" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 0.95
 05 05 23 00-1408 EA 5/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 1.36
 05 05 23 00-1409 EA 3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 1.92
 05 05 23 00-1410 EA 7/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 3.21
 05 05 23 00-1411 EA 1" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 3.56
 05 05 23 00-1412 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 5.17
 05 05 23 00-1413 EA 1-1/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 5.65
 05 05 23 00-1414 EA 1-3/8" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 7.45
 05 05 23 00-1415 EA 1-1/2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 8.52
 05 05 23 00-1416 EA 1-3/4" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 11.45
 05 05 23 00-1417 EA 2" Inside Diameter, Zinc Plated Steel, Hardened Flat Washer 13.74

05 05 23 00-1418 Hot Dipped Galvanized Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1419 EA 1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 0.13
 05 05 23 00-1420 EA 5/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 0.19
 05 05 23 00-1421 EA 3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 0.21
 05 05 23 00-1422 EA 7/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 0.40
 05 05 23 00-1423 EA 1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 0.51
 05 05 23 00-1424 EA 9/16" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 0.84
 05 05 23 00-1425 EA 5/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 0.94
 05 05 23 00-1426 EA 3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 1.42
 05 05 23 00-1427 EA 7/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 2.00
 05 05 23 00-1428 EA 1" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 2.20
 05 05 23 00-1429 EA 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 3.36
 05 05 23 00-1430 EA 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 3.74
 05 05 23 00-1431 EA 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 5.34
 05 05 23 00-1432 EA 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 5.79
 05 05 23 00-1433 EA 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Flat Washer 8.40

05 05 23 00-1434 304/18-8 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1435 EA 1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 0.19
 05 05 23 00-1436 EA 5/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 0.26
 05 05 23 00-1437 EA 3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 0.36
 05 05 23 00-1438 EA 7/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 0.67
 05 05 23 00-1439 EA 1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 1.23
 05 05 23 00-1440 EA 9/16" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 1.54
 05 05 23 00-1441 EA 5/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 2.25
 05 05 23 00-1442 EA 3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 2.29
 05 05 23 00-1443 EA 7/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 4.83
 05 05 23 00-1444 EA 1" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 6.12
 05 05 23 00-1445 EA 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 7.13
 05 05 23 00-1446 EA 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 7.68
 05 05 23 00-1447 EA 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 8.11
 05 05 23 00-1448 EA 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 9.89
 05 05 23 00-1449 EA 1-3/4" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 12.29
 05 05 23 00-1450 EA 2" Inside Diameter, 304/18-8 Stainless Steel Flat Washer 24.15

05 05 23 00-1451 316 Stainless Steel Flat Washers (05 05 23 00-1383)

05 05 23 00-1452 EA 1/4" Inside Diameter, 316 Stainless Steel Flat Washer 0.38
 05 05 23 00-1453 EA 5/16" Inside Diameter, 316 Stainless Steel Flat Washer 0.41
 05 05 23 00-1454 EA 3/8" Inside Diameter, 316 Stainless Steel Flat Washer 0.73
 05 05 23 00-1455 EA 7/16" Inside Diameter, 316 Stainless Steel Flat Washer 0.86
 05 05 23 00-1456 EA 1/2" Inside Diameter, 316 Stainless Steel Flat Washer 1.60
 05 05 23 00-1457 EA 9/16" Inside Diameter, 316 Stainless Steel Flat Washer 2.87
 05 05 23 00-1458 EA 5/8" Inside Diameter, 316 Stainless Steel Flat Washer 3.38
 05 05 23 00-1459 EA 3/4" Inside Diameter, 316 Stainless Steel Flat Washer 4.26
 05 05 23 00-1460 EA 7/8" Inside Diameter, 316 Stainless Steel Flat Washer 6.60
 05 05 23 00-1461 EA 1" Inside Diameter, 316 Stainless Steel Flat Washer 7.37
 05 05 23 00-1462 EA 1-1/8" Inside Diameter, 316 Stainless Steel Flat Washer 8.40
 05 05 23 00-1463 EA 1-1/4" Inside Diameter, 316 Stainless Steel Flat Washer 10.34
 05 05 23 00-1464 EA 1-3/8" Inside Diameter, 316 Stainless Steel Flat Washer 10.94
 05 05 23 00-1465 EA 1-1/2" Inside Diameter, 316 Stainless Steel Flat Washer 11.18
 05 05 23 00-1466 EA 1-3/4" Inside Diameter, 316 Stainless Steel Flat Washer 16.39

05 05 23 00-1467 Lock Washers (05 05 23 00-1283)

05 05 23 00-1468 Zinc Plated Steel, Low Carbon Lock Washers (05 05 23 00-1467)

05 05 23 00-1469 EA 1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer 0.02
 05 05 23 00-1470 EA 5/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer 0.04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1471 EA 3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.06	
05 05 23 00-1472 EA 7/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.10	
05 05 23 00-1473 EA 1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.13	
05 05 23 00-1474 EA 9/16" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.22	
05 05 23 00-1475 EA 5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.25	
05 05 23 00-1476 EA 3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.38	
05 05 23 00-1477 EA 7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	0.63	
05 05 23 00-1478 EA 1" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.14	
05 05 23 00-1479 EA 1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	1.66	
05 05 23 00-1480 EA 1-1/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	2.55	
05 05 23 00-1481 EA 1-3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.03	
05 05 23 00-1482 EA 1-1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	4.75	
05 05 23 00-1483 EA 1-3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	8.47	
05 05 23 00-1484 EA 2" Inside Diameter, Zinc Plated Steel, Low Carbon Lock Washer	9.54	
05 05 23 00-1485	Hot Dipped Galvanized Steel Lock Washers (05 05 23 00-1487)	
05 05 23 00-1486 EA 1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.10	
05 05 23 00-1487 EA 5/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.12	
05 05 23 00-1488 EA 3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.16	
05 05 23 00-1489 EA 7/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.18	
05 05 23 00-1490 EA 1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.28	
05 05 23 00-1491 EA 9/16" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.37	
05 05 23 00-1492 EA 5/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.44	
05 05 23 00-1493 EA 3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	0.73	
05 05 23 00-1494 EA 7/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.05	
05 05 23 00-1495 EA 1" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	1.66	
05 05 23 00-1496 EA 1-1/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.01	
05 05 23 00-1497 EA 1-1/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	3.59	
05 05 23 00-1498 EA 1-3/8" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.17	
05 05 23 00-1499 EA 1-1/2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	5.92	
05 05 23 00-1500 EA 1-3/4" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	8.01	
05 05 23 00-1501 EA 2" Inside Diameter, Hot Dipped Galvanized Steel Lock Washer	10.91	
05 05 23 00-1502	304/18-8 Stainless Steel Lock Washers (05 05 23 00-1467)	
05 05 23 00-1503 EA 1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.16	
05 05 23 00-1504 EA 5/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.22	
05 05 23 00-1505 EA 3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.32	
05 05 23 00-1506 EA 7/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.59	
05 05 23 00-1507 EA 1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	0.65	
05 05 23 00-1508 EA 9/16" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.58	
05 05 23 00-1509 EA 5/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	1.86	
05 05 23 00-1510 EA 3/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	2.17	
05 05 23 00-1511 EA 7/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	3.93	
05 05 23 00-1512 EA 1" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	5.55	
05 05 23 00-1513 EA 1-1/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	9.69	
05 05 23 00-1514 EA 1-1/4" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	12.88	
05 05 23 00-1515 EA 1-3/8" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	16.39	
05 05 23 00-1516 EA 1-1/2" Inside Diameter, 304/18-8 Stainless Steel Lock Washer	19.66	
05 05 23 00-1517	316 Stainless Steel Lock Washers (05 05 23 00-1467)	
05 05 23 00-1518 EA 1/4" Inside Diameter, 316 Stainless Steel Lock Washer	0.20	
05 05 23 00-1519 EA 5/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.43	
05 05 23 00-1520 EA 3/8" Inside Diameter, 316 Stainless Steel Lock Washer	0.50	
05 05 23 00-1521 EA 7/16" Inside Diameter, 316 Stainless Steel Lock Washer	0.85	
05 05 23 00-1522 EA 1/2" Inside Diameter, 316 Stainless Steel Lock Washer	0.94	
05 05 23 00-1523 EA 9/16" Inside Diameter, 316 Stainless Steel Lock Washer	1.69	
05 05 23 00-1524 EA 5/8" Inside Diameter, 316 Stainless Steel Lock Washer	1.85	
05 05 23 00-1525 EA 3/4" Inside Diameter, 316 Stainless Steel Lock Washer	3.20	
05 05 23 00-1526 EA 7/8" Inside Diameter, 316 Stainless Steel Lock Washer	5.28	
05 05 23 00-1527 EA 1" Inside Diameter, 316 Stainless Steel Lock Washer	7.19	
05 05 23 00-1528 EA 1-1/8" Inside Diameter, 316 Stainless Steel Lock Washer	10.04	
05 05 23 00-1529 EA 1-1/4" Inside Diameter, 316 Stainless Steel Lock Washer	15.44	
05 05 23 00-1530 EA 1-3/8" Inside Diameter, 316 Stainless Steel Lock Washer	27.65	
05 05 23 00-1531 EA 1-1/2" Inside Diameter, 316 Stainless Steel Lock Washer	30.70	
05 05 23 00-1532	Load Indicating Washers (05 05 23 00-1283)	
05 05 23 00-1533	A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1532)	
05 05 23 00-1534	Plain Finish, A325, Direct Tension Indicator, Load Indicating Washers (ASTM F959) (05 05 23 00-1533)	
05 05 23 00-1535 EA 1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	2.76	
05 05 23 00-1536 EA 5/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.13	
05 05 23 00-1537 EA 3/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.37	
05 05 23 00-1538 EA 7/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	3.83	
05 05 23 00-1539 EA 1", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	4.62	
05 05 23 00-1540 EA 1-1/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	7.69	
05 05 23 00-1541 EA 1-1/4", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959)	9.94	

05 Metals**05 05 Common Work Results for Metals****05 05 23 Metal Fastenings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 05 23 00-1542	EA	1-3/8", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		12.68	
05 05 23 00-1543	EA	1-1/2", Plain Finish, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		13.95	
05 05 23 00-1544 Galvanized, A325, Direct Tension Indicator, Load Indicating Washers					
(ASTM F959) (05 05 23 00-1533)					
05 05 23 00-1545	EA	1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.50	
05 05 23 00-1546	EA	5/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.89	
05 05 23 00-1547	EA	3/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		3.79	
05 05 23 00-1548	EA	7/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		4.62	
05 05 23 00-1549	EA	1", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		5.48	
05 05 23 00-1550	EA	1-1/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		8.26	
05 05 23 00-1551	EA	1-1/4", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		10.39	
05 05 23 00-1552	EA	1-3/8", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		14.79	
05 05 23 00-1553	EA	1-1/2", Galvanized, A325, Direct Tension Indicator, Load Indicating Washer (ASTM F959).....		16.27	
05 05 23 00-1554 Beveled Washers (05 05 23 00-1283)					
05 05 23 00-1555 Plain Finish, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)					
05 05 23 00-1556	EA	1/2", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		4.56	
05 05 23 00-1557	EA	5/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		4.66	
05 05 23 00-1558	EA	3/4", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		4.76	
05 05 23 00-1559	EA	7/8", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		5.79	
05 05 23 00-1560	EA	1", Plain Finish, Square Beveled Structural Washer (ASTM F436).....		6.09	
05 05 23 00-1561 Galvanized, Square Beveled Structural Washers (ASTM F436) (05 05 23 00-1554)					
05 05 23 00-1562	EA	1/2", Galvanized, Square Beveled Structural Washer (ASTM F436).....		6.56	
05 05 23 00-1563	EA	5/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....		6.85	
05 05 23 00-1564	EA	3/4", Galvanized, Square Beveled Structural Washer (ASTM F436).....		6.85	
05 05 23 00-1565	EA	7/8", Galvanized, Square Beveled Structural Washer (ASTM F436).....		7.25	
05 05 23 00-1566	EA	1", Galvanized, Square Beveled Structural Washer (ASTM F436).....		7.71	
05 05 23 00-1567 Drilling In Existing Steel Plates (05 05 23)					
05 05 23 00-1568	EA	Up To 1/2" Diameter Drill Through Up To 1/4" Steel Plate.....		20.80	
		<i>For Aluminum, Deduct</i>		-2.08	
		<i>For Stainless Steel, Add</i>		2.60	
		<i>For >5 To 10, Deduct</i>		-2.08	
		<i>For >10 To 25, Deduct</i>		-5.20	
		<i>For >25 To 50, Deduct</i>		-7.28	
		<i>For >50, Deduct</i>		-10.40	
05 05 23 00-1569	EA	>1/2" To 7/8" Diameter Drill Through Up To 1/4" Steel Plate.....		24.48	
		<i>For Aluminum, Deduct</i>		-2.45	
		<i>For Stainless Steel, Add</i>		3.06	
		<i>For >5 To 10, Deduct</i>		-2.45	
		<i>For >10 To 25, Deduct</i>		-6.12	
		<i>For >25 To 50, Deduct</i>		-8.57	
		<i>For >50, Deduct</i>		-12.24	
05 05 23 00-1570	EA	>7/8" To 1-1/2" Diameter Drill Through Up To 1/4" Steel Plate.....		29.37	
		<i>For Aluminum, Deduct</i>		-2.94	
		<i>For Stainless Steel, Add</i>		3.67	
		<i>For >5 To 10, Deduct</i>		-2.94	
		<i>For >10 To 25, Deduct</i>		-7.34	
		<i>For >25 To 50, Deduct</i>		-10.28	
		<i>For >50, Deduct</i>		-14.69	
05 05 23 00-1571	EA	>1-1/2" To 4" Diameter Drill Through Up To 1/4" Steel Plate.....		34.27	
		<i>For Aluminum, Deduct</i>		-3.43	
		<i>For Stainless Steel, Add</i>		4.28	
		<i>For >5 To 10, Deduct</i>		-3.43	
		<i>For >10 To 25, Deduct</i>		-8.57	
		<i>For >25 To 50, Deduct</i>		-11.99	
		<i>For >50, Deduct</i>		-17.14	
05 05 23 00-1572	EA	>4" To 10" Diameter Drill Through Up To 1/4" Steel Plate.....		45.89	
		<i>For Aluminum, Deduct</i>		-4.59	
		<i>For Stainless Steel, Add</i>		5.74	
		<i>For >5 To 10, Deduct</i>		-4.59	
		<i>For >10 To 25, Deduct</i>		-11.47	
		<i>For >25 To 50, Deduct</i>		-16.06	
		<i>For >50, Deduct</i>		-22.95	
05 05 23 00-1573	EA	Up To 1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....		24.48	
		<i>For Aluminum, Deduct</i>		-2.45	
		<i>For Stainless Steel, Add</i>		3.06	
		<i>For >5 To 10, Deduct</i>		-2.45	
		<i>For >10 To 25, Deduct</i>		-6.12	
		<i>For >25 To 50, Deduct</i>		-8.57	
		<i>For >50, Deduct</i>		-12.24	
05 05 23 00-1574	EA	>1/2" To 7/8" Diameter Drill Through >1/4" To 1/2" Steel Plate.....		30.59	
		<i>For Aluminum, Deduct</i>		-3.06	
		<i>For Stainless Steel, Add</i>		3.82	
		<i>For >5 To 10, Deduct</i>		-3.06	
		<i>For >10 To 25, Deduct</i>		-7.65	
		<i>For >25 To 50, Deduct</i>		-10.71	
		<i>For >50, Deduct</i>		-15.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 05 23 00-1575 EA >7/8" To 1-1/2" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	36.72	
For Aluminum, Deduct	-3.67	
For Stainless Steel, Add	4.59	
For >5 To 10, Deduct	-3.67	
For >10 To 25, Deduct	-9.18	
For >25 To 50, Deduct	-12.85	
For >50, Deduct	-18.36	
05 05 23 00-1576 EA >1-1/2" To 4" Diameter Drill Through >1/4" To 1/2" Steel Plate.....	45.89	
For Aluminum, Deduct	-4.59	
For Stainless Steel, Add	5.74	
For >5 To 10, Deduct	-4.59	
For >10 To 25, Deduct	-11.47	
For >25 To 50, Deduct	-16.06	
For >50, Deduct	-22.95	
05 05 23 00-1577 EA Up To 1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	30.59	
For Aluminum, Deduct	-3.06	
For Stainless Steel, Add	3.82	
For >5 To 10, Deduct	-3.06	
For >10 To 25, Deduct	-7.65	
For >25 To 50, Deduct	-10.71	
For >50, Deduct	-15.30	
05 05 23 00-1578 EA >1/2" To 7/8" Diameter Drill Through >1/2" To 1" Steel Plate.....	40.38	
For Aluminum, Deduct	-4.04	
For Stainless Steel, Add	5.05	
For >5 To 10, Deduct	-4.04	
For >10 To 25, Deduct	-10.10	
For >25 To 50, Deduct	-14.13	
For >50, Deduct	-20.19	
05 05 23 00-1579 EA >7/8" To 1-1/2" Diameter Drill Through >1/2" To 1" Steel Plate.....	48.95	
For Aluminum, Deduct	-4.90	
For Stainless Steel, Add	6.12	
For >5 To 10, Deduct	-4.90	
For >10 To 25, Deduct	-12.24	
For >25 To 50, Deduct	-17.13	
For >50, Deduct	-24.48	

05 05 23 00-1580 Welded Stud Anchors (05 05 23)

05 05 23 00-1581 EA 1-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.42
05 05 23 00-1582 EA 2-11/16" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.52
05 05 23 00-1583 EA 3-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.56
05 05 23 00-1584 EA 4-1/8" Long x 1/4" Diameter, Welded Stud Concrete Anchors.....	4.60
05 05 23 00-1585 EA 1-3/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.30
05 05 23 00-1586 EA 1-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.55
05 05 23 00-1587 EA 2-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.80
05 05 23 00-1588 EA 2-5/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	4.93
05 05 23 00-1589 EA 3-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.07
05 05 23 00-1590 EA 4-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	5.59
05 05 23 00-1591 EA 5-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	6.01
05 05 23 00-1592 EA 6-1/8" Long x 3/8" Diameter, Welded Stud Concrete Anchors.....	6.35
05 05 23 00-1593 EA 1-1/2" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.33
05 05 23 00-1594 EA 1-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.36
05 05 23 00-1595 EA 2-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	5.75
05 05 23 00-1596 EA 2-5/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.12
05 05 23 00-1597 EA 3-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	6.57
05 05 23 00-1598 EA 4-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.28
05 05 23 00-1599 EA 5-5/16" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	7.73
05 05 23 00-1600 EA 6-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	8.98
05 05 23 00-1601 EA 8-1/8" Long x 1/2" Diameter, Welded Stud Concrete Anchors.....	11.33
05 05 23 00-1602 EA 2-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	7.70
05 05 23 00-1603 EA 3-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	8.29
05 05 23 00-1604 EA 3-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	8.77
05 05 23 00-1605 EA 4-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	9.25
05 05 23 00-1606 EA 4-11/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	9.65
05 05 23 00-1607 EA 5-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	10.02
05 05 23 00-1608 EA 6-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	10.50
05 05 23 00-1609 EA 6-9/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	12.51
05 05 23 00-1610 EA 8-3/16" Long x 5/8" Diameter, Welded Stud Concrete Anchors.....	15.29

05 05 23 00-1611 Welded Shear Stud Connector (05 05 23)

05 05 23 00-1612 3/4" Diameter Welded Shear Stud Connector (05 05 23 00-1611)

05 05 23 00-1613 EA 3/4" Diameter x 3-3/16" Long, Welded Shear Stud Connector.....	9.93
05 05 23 00-1614 EA 3/4" Diameter x 3-3/8" Long, Welded Shear Stud Connector.....	10.35
05 05 23 00-1615 EA 3/4" Diameter x 3-7/8" Long, Welded Shear Stud Connector.....	10.47
05 05 23 00-1616 EA 3/4" Diameter x 4-3/16" Long, Welded Shear Stud Connector.....	10.52
05 05 23 00-1617 EA 3/4" Diameter x 4-3/8" Long, Welded Shear Stud Connector.....	11.01
05 05 23 00-1618 EA 3/4" Diameter x 4-11/16" Long, Welded Shear Stud Connector.....	11.88
05 05 23 00-1619 EA 3/4" Diameter x 4-7/8" Long, Welded Shear Stud Connector.....	20.41
05 05 23 00-1620 EA 3/4" Diameter x 5-3/16" Long, Welded Shear Stud Connector.....	12.90
05 05 23 00-1621 EA 3/4" Diameter x 5-3/8" Long, Welded Shear Stud Connector.....	14.46
05 05 23 00-1622 EA 3/4" Diameter x 6-3/16" Long, Welded Shear Stud Connector.....	18.64
05 05 23 00-1623 EA 3/4" Diameter x 7-3/16" Long, Welded Shear Stud Connector.....	19.12
05 05 23 00-1624 EA 3/4" Diameter x 8-3/16" Long, Welded Shear Stud Connector.....	20.82

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
05 05 23 00-1625	EA	3/4" Diameter x 10-3/16" Long, Welded Shear Stud Connector			27.96
05 05 23 00-1626		7/8" Diameter Welded Shear Stud Connector <small>(05 05 23 00-1611)</small>			
05 05 23 00-1627	EA	7/8" Diameter x 3-3/16" Long, Welded Shear Stud Connector			12.05
05 05 23 00-1628	EA	7/8" Diameter x 3-11/16" Long, Welded Shear Stud Connector			12.73
05 05 23 00-1629	EA	7/8" Diameter x 4-3/16" Long, Welded Shear Stud Connector			13.41
05 05 23 00-1630	EA	7/8" Diameter x 5-3/16" Long, Welded Shear Stud Connector			15.37
05 05 23 00-1631	EA	7/8" Diameter x 6-3/16" Long, Welded Shear Stud Connector			19.69
05 05 23 00-1632	EA	7/8" Diameter x 7-3/16" Long, Welded Shear Stud Connector			21.75
05 05 23 00-1633	EA	7/8" Diameter x 8-3/16" Long, Welded Shear Stud Connector			23.79
05 05 23 00-1634	EA	7/8" Diameter x 10-3/16" Long, Welded Shear Stud Connector			29.51
05 05 23 00-1635		1" Diameter Welded Shear Stud Connector <small>(05 05 23 00-1611)</small>			
05 05 23 00-1636	EA	1" Diameter x 3-1/4" Long, Welded Shear Stud Connector			16.50
05 05 23 00-1637	EA	1" Diameter x 4-1/4" Long, Welded Shear Stud Connector			18.60
05 05 23 00-1638	EA	1" Diameter x 5-1/4" Long, Welded Shear Stud Connector			21.68
05 05 23 00-1639	EA	1" Diameter x 6-1/4" Long, Welded Shear Stud Connector			27.42
05 05 23 00-1640	EA	1" Diameter x 7-1/4" Long, Welded Shear Stud Connector			30.65
05 05 23 00-1641	EA	1" Diameter x 8-1/4" Long, Welded Shear Stud Connector			33.88
05 10 Structural Metal Framing <small>(05)</small>					
05 12 Structural Steel Framing <small>(05 10)</small>					
05 12 23 Structural Steel for Buildings <small>(05 12)</small>					
See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.					
05 12 23 00-0001 Rolled Steel Members <small>(05 12 23)</small>					
Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.					
05 12 23 00-0002 Beams, Girders And Columns <small>(05 12 23 00-0001)</small>					
Note: For one and two story I beams and W shapes and HP shapes.					
05 12 23 00-0003	TON	Up To 30 LB/LF Beams, Girders And Columns	11,095.87		1,251.46
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	680.55		
		<i>For Hot Dip Galvanizing, Add</i>	2,381.92		
		<i>For >10 To 25 Tons, Deduct</i>	-723.08		
		<i>For >25 To 50 Tons, Deduct</i>	-1,488.70		
		<i>For >50 Tons, Deduct</i>	-2,126.72		
05 12 23 00-0004	TON	>30-65 LB/LF Beams, Girders And Columns	7,844.67		808.99
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	558.53		
		<i>For Hot Dip Galvanizing, Add</i>	1,954.87		
		<i>For >10 To 25 Tons, Deduct</i>	-593.44		
		<i>For >25 To 50 Tons, Deduct</i>	-1,221.79		
		<i>For >50 Tons, Deduct</i>	-1,745.42		
05 12 23 00-0005	TON	>65-100 LB/LF Beams, Girders And Columns	6,683.65		455.10
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	495.86		
		<i>For Hot Dip Galvanizing, Add</i>	1,735.50		
		<i>For >10 To 25 Tons, Deduct</i>	-526.85		
		<i>For >25 To 50 Tons, Deduct</i>	-1,084.69		
		<i>For >50 Tons, Deduct</i>	-1,549.55		
05 12 23 00-0006	TON	>100-300 LB/LF Beams, Girders And Columns	4,496.10		242.24
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	338.98		
		<i>For Hot Dip Galvanizing, Add</i>	1,186.42		
		<i>For >10 To 25 Tons, Deduct</i>	-360.16		
		<i>For >25 To 50 Tons, Deduct</i>	-741.51		
		<i>For >50 Tons, Deduct</i>	-1,059.30		
05 12 23 00-0007 Trusses, Built-Up <small>(05 12 23 00-0001)</small>					
05 12 23 00-0008	TON	Built-Up Trusses, Rolled Structural Steel Members	8,324.80		851.09
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	593.39		
		<i>For Hot Dip Galvanizing, Add</i>	2,076.88		
		<i>For >10 To 25 Tons, Deduct</i>	-630.48		
		<i>For >25 To 50 Tons, Deduct</i>	-1,298.05		
		<i>For >50 Tons, Deduct</i>	-1,854.36		
05 12 23 00-0009 Shapes <small>(05 12 23 00-0001)</small>					
05 12 23 00-0010 Rolled Shape Steel Angles <small>(05 12 23 00-0009)</small>					
05 12 23 00-0011	TON	Up To 10 LB/LF Rolled Shape Steel Angles	16,162.57		2,326.47
		<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	982.81		
		<i>For Hot Dip Galvanizing, Add</i>	3,439.83		
		<i>For >10 To 25 Tons, Deduct</i>	-1,044.24		
		<i>For >25 To 50 Tons, Deduct</i>	-2,149.90		
		<i>For >50 Tons, Deduct</i>	-3,071.28		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0012 TON >10 To 20 LB/LF Rolled Shape Steel Angles	14,340.99	1,365.30
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	940.16	
<i>For Hot Dip Galvanizing, Add</i>	3,290.56	
<i>For >10 To 25 Tons, Deduct</i>	-998.92	
<i>For >25 To 50 Tons, Deduct</i>	-2,056.60	
<i>For >50 Tons, Deduct</i>	-2,938.00	
05 12 23 00-0013 TON >20 To 58 LB/LF Rolled Shape Steel Angles	11,200.91	808.99
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	827.04	
<i>For Hot Dip Galvanizing, Add</i>	2,894.65	
<i>For >10 To 25 Tons, Deduct</i>	-878.73	
<i>For >25 To 50 Tons, Deduct</i>	-1,809.16	
<i>For >50 Tons, Deduct</i>	-2,584.51	
05 12 23 00-0014 Rolled C, MC Steel Channels <small>(05 12 23 00-0009)</small>		
05 12 23 00-0015 TON Up To 10 LB/LF Rolled C, MC Steel Channels	17,434.17	3,185.69
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	967.97	
<i>For Hot Dip Galvanizing, Add</i>	3,387.91	
<i>For >10 To 25 Tons, Deduct</i>	-1,028.47	
<i>For >25 To 50 Tons, Deduct</i>	-2,117.44	
<i>For >50 Tons, Deduct</i>	-3,024.92	
05 12 23 00-0016 TON >10 To 20 Rolled C, MC Steel Channels	14,178.73	2,427.19
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	927.18	
<i>For Hot Dip Galvanizing, Add</i>	3,245.12	
<i>For >10 To 25 Tons, Deduct</i>	-985.13	
<i>For >25 To 50 Tons, Deduct</i>	-2,028.20	
<i>For >50 Tons, Deduct</i>	-2,897.43	
05 12 23 00-0017 TON >20 To 58 LB/LF Rolled C, MC Steel Channels	11,015.48	808.99
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	812.21	
<i>For Hot Dip Galvanizing, Add</i>	2,842.73	
<i>For >10 To 25 Tons, Deduct</i>	-862.97	
<i>For >25 To 50 Tons, Deduct</i>	-1,776.71	
<i>For >50 Tons, Deduct</i>	-2,538.15	
05 12 23 00-0018 Double L Shape Steel Angles <small>(05 12 23 00-0009)</small>		
05 12 23 00-0019 TON Up To 20 LB/LF Double L Shape Steel Angles	15,052.74	1,845.89
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	945.72	
<i>For Hot Dip Galvanizing, Add</i>	3,310.03	
<i>For >10 To 25 Tons, Deduct</i>	-1,004.83	
<i>For >25 To 50 Tons, Deduct</i>	-2,068.77	
<i>For >50 Tons, Deduct</i>	-2,955.38	
05 12 23 00-0020 TON >20 To 50 LB/LF Double L Shape Steel Angles	11,989.01	808.99
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	890.09	
<i>For Hot Dip Galvanizing, Add</i>	3,115.32	
<i>For >10 To 25 Tons, Deduct</i>	-945.72	
<i>For >25 To 50 Tons, Deduct</i>	-1,947.07	
<i>For >50 Tons, Deduct</i>	-2,781.54	
05 12 23 00-0021 TON >50 To 80 LB/LF Double L Shape Steel Angles	9,061.84	455.10
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	686.11	
<i>For Hot Dip Galvanizing, Add</i>	2,401.39	
<i>For >10 To 25 Tons, Deduct</i>	-728.99	
<i>For >25 To 50 Tons, Deduct</i>	-1,500.87	
<i>For >50 Tons, Deduct</i>	-2,144.10	
05 12 23 00-0022 TON >80 To 115 LB/LF Double L Shape Steel Angles	5,821.57	242.60
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	445.05	
<i>For Hot Dip Galvanizing, Add</i>	1,557.66	
<i>For >10 To 25 Tons, Deduct</i>	-472.86	
<i>For >25 To 50 Tons, Deduct</i>	-973.54	
<i>For >50 Tons, Deduct</i>	-1,390.77	
05 12 23 00-0023 Structural WT, MT, ST Tee Shapes <small>(05 12 23 00-0001)</small>		
05 12 23 00-0024 TON Up To 30 LB/LF Structural WT, MT, ST Tee Shapes	13,715.14	1,365.30
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	890.09	
<i>For Hot Dip Galvanizing, Add</i>	3,115.32	
<i>For >10 To 25 Tons, Deduct</i>	-945.72	
<i>For >25 To 50 Tons, Deduct</i>	-1,947.07	
<i>For >50 Tons, Deduct</i>	-2,781.54	
05 12 23 00-0025 TON >30 To 65 LB/LF Structural WT, MT, ST Tee Shapes	9,369.86	808.99
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	680.55	
<i>For Hot Dip Galvanizing, Add</i>	2,381.92	
<i>For >10 To 25 Tons, Deduct</i>	-723.08	
<i>For >25 To 50 Tons, Deduct</i>	-1,488.70	
<i>For >50 Tons, Deduct</i>	-2,126.72	
05 12 23 00-0026 TON >65 To 100 LB/LF Structural WT, MT, ST Tee Shapes	7,439.28	455.10
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	556.31	
<i>For Hot Dip Galvanizing, Add</i>	1,947.08	
<i>For >10 To 25 Tons, Deduct</i>	-591.08	
<i>For >25 To 50 Tons, Deduct</i>	-1,216.92	
<i>For >50 Tons, Deduct</i>	-1,738.46	
05 12 23 00-0027 TON >100 To 365 LB/LF Structural WT, MT, ST Tee Shapes	5,497.46	242.24
<i>For ASTM A242 Type 2 High Strength Steel, Add</i>	419.08	
<i>For Hot Dip Galvanizing, Add</i>	1,466.80	
<i>For >10 To 25 Tons, Deduct</i>	-445.28	
<i>For >25 To 50 Tons, Deduct</i>	-916.75	
<i>For >50 Tons, Deduct</i>	-1,309.64	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

05 12 23 00-0028	Combination Section Shapes <small>(05 12 23 00-0001)</small>		
05 12 23 00-0029	Combination Section, W Shapes And Angles <small>(05 12 23 00-0028)</small>		
05 12 23 00-0030	TON Up To 30 LB/LF Combination Section - W Shapes And Angles.....	12,996.58	1,365.30
	For ASTM A242 Type 2 High Strength Steel, Add	832.61	
	For Hot Dip Galvanizing, Add	2,914.12	
	For >10 To 25 Tons, Deduct	-884.64	
	For >25 To 50 Tons, Deduct	-1,821.33	
	For >50 Tons, Deduct	-2,601.90	
05 12 23 00-0031	TON >30-65 LB/LF Combination Section - W Shapes And Angles.....	9,439.42	808.99
	For ASTM A242 Type 2 High Strength Steel, Add	686.11	
	For Hot Dip Galvanizing, Add	2,401.40	
	For >10 To 25 Tons, Deduct	-729.00	
	For >25 To 50 Tons, Deduct	-1,500.87	
	For >50 Tons, Deduct	-2,144.11	
05 12 23 00-0032	TON >65-100 LB/LF Combination Section - W Shapes And Angles.....	6,859.79	455.10
	For ASTM A242 Type 2 High Strength Steel, Add	509.95	
	For Hot Dip Galvanizing, Add	1,784.82	
	For >10 To 25 Tons, Deduct	-541.82	
	For >25 To 50 Tons, Deduct	-1,115.51	
	For >50 Tons, Deduct	-1,593.59	
05 12 23 00-0033	TON >100-300 LB/LF Combination Section - W Shapes And Angles.....	5,960.65	242.24
	For ASTM A242 Type 2 High Strength Steel, Add	456.17	
	For Hot Dip Galvanizing, Add	1,596.60	
	For >10 To 25 Tons, Deduct	-484.68	
	For >25 To 50 Tons, Deduct	-997.88	
	For >50 Tons, Deduct	-1,425.54	
05 12 23 00-0034	TON >300-500 LB/LF Combination Section - W Shapes And Angles.....	5,159.41	121.60
	For ASTM A242 Type 2 High Strength Steel, Add	402.40	
	For Hot Dip Galvanizing, Add	1,408.39	
	For >10 To 25 Tons, Deduct	-427.55	
	For >25 To 50 Tons, Deduct	-880.24	
	For >50 Tons, Deduct	-1,257.49	
05 12 23 00-0035	Combination Section, S Shapes And Angles <small>(05 12 23 00-0028)</small>		
05 12 23 00-0036	TON >30-65 LB/LF Combination Section - S Shapes And Angles.....	9,068.53	808.99
	For ASTM A242 Type 2 High Strength Steel, Add	656.44	
	For Hot Dip Galvanizing, Add	2,297.55	
	For >10 To 25 Tons, Deduct	-697.47	
	For >25 To 50 Tons, Deduct	-1,435.97	
	For >50 Tons, Deduct	-2,051.38	
05 12 23 00-0037	TON >65-100 LB/LF Combination Section - S Shapes And Angles.....	6,882.97	455.10
	For ASTM A242 Type 2 High Strength Steel, Add	511.80	
	For Hot Dip Galvanizing, Add	1,791.31	
	For >10 To 25 Tons, Deduct	-543.79	
	For >25 To 50 Tons, Deduct	-1,119.57	
	For >50 Tons, Deduct	-1,599.38	
05 12 23 00-0038	Combination Section, Channels And Angles <small>(05 12 23 00-0028)</small>		
05 12 23 00-0039	TON Up To 30 LB/LF Combination Section - Channels And Angles.....	13,715.14	1,365.30
	For ASTM A242 Type 2 High Strength Steel, Add	890.09	
	For Hot Dip Galvanizing, Add	3,115.32	
	For >10 To 25 Tons, Deduct	-945.72	
	For >25 To 50 Tons, Deduct	-1,947.07	
	For >50 Tons, Deduct	-2,781.54	
05 12 23 00-0040	TON >30-65 LB/LF Combination Section - Channels And Angles.....	9,902.99	808.99
	For ASTM A242 Type 2 High Strength Steel, Add	723.20	
	For Hot Dip Galvanizing, Add	2,531.20	
	For >10 To 25 Tons, Deduct	-768.40	
	For >25 To 50 Tons, Deduct	-1,582.00	
	For >50 Tons, Deduct	-2,260.00	
05 12 23 00-0041	TON >65-100 LB/LF Combination Section - Channels And Angles.....	7,045.23	455.10
	For ASTM A242 Type 2 High Strength Steel, Add	524.78	
	For Hot Dip Galvanizing, Add	1,836.74	
	For >10 To 25 Tons, Deduct	-557.58	
	For >25 To 50 Tons, Deduct	-1,147.96	
	For >50 Tons, Deduct	-1,639.95	
05 12 23 00-0042	Standard Weight Pipe <small>(05 12 23 00-0001)</small>		
05 12 23 00-0043	TON 1/2" To 5" Diameter Standard Weight Pipe.....	8,008.70	728.16
	For ASTM A242 Type 2 High Strength Steel, Add	578.56	
	For Hot Dip Galvanizing, Add	2,024.96	
	For >10 To 25 Tons, Deduct	-614.72	
	For >25 To 50 Tons, Deduct	-1,265.60	
	For >50 Tons, Deduct	-1,808.00	
05 12 23 00-0044	TON >5" To 12" Diameter Standard Weight Pipe.....	8,527.38	910.20
	For ASTM A242 Type 2 High Strength Steel, Add	604.52	
	For Hot Dip Galvanizing, Add	2,115.82	
	For >10 To 25 Tons, Deduct	-642.30	
	For >25 To 50 Tons, Deduct	-1,322.39	
	For >50 Tons, Deduct	-1,889.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23 00-0045			Temporary Steel Support For Structures <small>(05 12 23 00-0001)</small> Note: Includes removal after use.		
	05 12 23 00-0046	TON		Up To 30 LB/LF Temporary Steel Support For Structures.....	11,095.87	
				Note: For all stock sections.		
	05 12 23 00-0047	TON		>30 LB/LF Temporary Steel Support For Structures	7,844.67	
				Note: For all stock sections.		
	05 12 23 00-0048			Structural Steel Shapes <small>(05 12 23)</small> Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding. See CSI section 05 05 21 00-0007 for moment connection welding, 05 12 23 00-0131 for field fabrication of additional structural metal connections.		
	05 12 23 00-0049			Steel Rods <small>(05 12 23 00-0048)</small>		
	05 12 23 00-0050	TON		1/2" To 5" Diameter Extra Strong Steel, Solid.....	8,673.25	568.93
				For ASTM A242 Type 2 High Strength Steel, Add	645.32	
				For Hot Dip Galvanizing, Add	2,258.61	
				For >10 To 25 Tons, Deduct	-685.65	
				For >25 To 50 Tons, Deduct	-1,411.63	
				For >50 Tons, Deduct	-2,016.61	
	05 12 23 00-0051	TON		>5" To 12" Diameter Extra Strong Steel, Solid	9,902.99	808.99
				For ASTM A242 Type 2 High Strength Steel, Add	723.20	
				For Hot Dip Galvanizing, Add	2,531.20	
				For >10 To 25 Tons, Deduct	-768.40	
				For >25 To 50 Tons, Deduct	-1,582.00	
				For >50 Tons, Deduct	-2,260.00	
	05 12 23 00-0052			Column Base Plates <small>(05 12 23 00-0048)</small>		
	05 12 23 00-0053	LB		Column Base Plates, Up To 150 LB / Each, A36 Miscellaneous Steel Items	4.26	0.74
				For ASTM A242 Type 2 High Strength Steel, Add	0.28	
				For Hot Dip Galvanizing, Add	0.97	
	05 12 23 00-0054	LB		Column Base Plates, >150 LB / Each, A36 Miscellaneous Steel Items	4.00	0.62
				For ASTM A242 Type 2 High Strength Steel, Add	0.26	
				For Hot Dip Galvanizing, Add	0.92	
	05 12 23 00-0055	TON		Column Base Plates, Up To 150 LB Each, A36 Miscellaneous Steel Items	7,867.26	653.41
				For ASTM A242 Type 2 High Strength Steel, Add	573.62	
				For Hot Dip Galvanizing, Add	2,007.68	
				For >10 To 25 Tons, Deduct	-609.47	
				For >25 To 50 Tons, Deduct	-1,254.80	
				For >50 Tons, Deduct	-1,792.57	
	05 12 23 00-0056	TON		Column Base Plates, >150 LB Each, A36 Miscellaneous Steel Items	5,604.36	392.05
				For ASTM A242 Type 2 High Strength Steel, Add	414.89	
				For Hot Dip Galvanizing, Add	1,452.13	
				For >10 To 25 Tons, Deduct	-440.82	
				For >25 To 50 Tons, Deduct	-907.58	
				For >50 Tons, Deduct	-1,296.54	
	05 12 23 00-0057			Double Extra Strong Pipes <small>(05 12 23 00-0048)</small>		
	05 12 23 00-0058	TON		2" To 5" Diameter Double Extra Strong Pipe	10,335.01	1,040.17
				For ASTM A242 Type 2 High Strength Steel, Add	738.03	
				For Hot Dip Galvanizing, Add	2,583.12	
				For >10 To 25 Tons, Deduct	-784.16	
				For >25 To 50 Tons, Deduct	-1,614.45	
				For >50 Tons, Deduct	-2,306.36	
	05 12 23 00-0059	TON		>5" To 8" Diameter Double Extra Strong Pipe	9,822.90	560.07
				For ASTM A242 Type 2 High Strength Steel, Add	738.03	
				For Hot Dip Galvanizing, Add	2,583.12	
				For >10 To 25 Tons, Deduct	-784.16	
				For >25 To 50 Tons, Deduct	-1,614.45	
				For >50 Tons, Deduct	-2,306.36	
	05 12 23 00-0060			Structural Pipes <small>(05 12 23 00-0048)</small>		
	05 12 23 00-0061	TON		3" To 5" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,229.68	480.58
				For ASTM A242 Type 2 High Strength Steel, Add	519.22	
				For Hot Dip Galvanizing, Add	1,817.27	
				For >10 To 25 Tons, Deduct	-551.67	
				For >25 To 50 Tons, Deduct	-1,135.79	
				For >50 Tons, Deduct	-1,622.56	
	05 12 23 00-0062	TON		>5" To 12" Outside Diameter Structural Pipe, Extra Heavy A36 Miscellaneous Steel Items	7,713.02	554.25
				For ASTM A242 Type 2 High Strength Steel, Add	519.22	
				For Hot Dip Galvanizing, Add	1,817.27	
				For >10 To 25 Tons, Deduct	-551.67	
				For >25 To 50 Tons, Deduct	-1,135.79	
				For >50 Tons, Deduct	-1,622.56	
	05 12 23 00-0063			Structural Tubing <small>(05 12 23 00-0048)</small>		
	05 12 23 00-0064			Rectangle Structural Tubing <small>(05 12 23 00-0063)</small>		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0065	TON	3" x 2"	Weight Range 5-7 LB/LF Structural Tubing - Rectangle..... <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,107.53 927.18 3,245.12 -985.13 -2,028.20 -2,897.43	485.44
05 12 23 00-0066	TON	4" x 3", 2"	Weight Range 6-13 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,187.20 927.18 3,245.12 -985.13 -2,028.20 -2,897.43	560.07
05 12 23 00-0067	TON	5" x 4", 3", 2"	Weight Range 8-20 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,614.43 797.37 2,790.81 -847.21 -1,744.25 -2,491.79	606.80
05 12 23 00-0068	TON	6" x 4", 3", 2"	Weight Range 9-29 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,048.50 741.74 2,596.10 -788.10 -1,622.56 -2,317.95	728.16
05 12 23 00-0069	TON	7" x 5", 4", 3"	Weight Range 12-35 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	9,863.74 720.06 2,520.21 -765.06 -1,575.13 -2,250.19	808.99
05 12 23 00-0070	TON	8" x 6", 4", 3", 2"	Weight Range 11-42 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	9,982.76 703.09 2,460.80 -747.03 -1,538.00 -2,197.14	1,119.54
05 12 23 00-0071	TON	10" x 6", 4", 2"	Weight Range 15-50 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,340.50 700.95 2,453.32 -744.76 -1,533.32 -2,190.46	1,479.98
05 12 23 00-0072	TON	12" x 6", 4", 2"	Weight Range 17-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,579.03 708.36 2,479.28 -752.64 -1,549.55 -2,213.64	1,616.63
05 12 23 00-0073	TON	14" x 10", 6", 4"	Weight Range 29-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,796.32 708.36 2,479.28 -752.64 -1,549.55 -2,213.64	1,820.39
05 12 23 00-0074	TON	16" x 12", 8", 4"	Weight Range 40-90 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	11,350.84 700.95 2,453.32 -744.76 -1,533.32 -2,190.46	2,427.19
05 12 23 00-0075	TON	18" x 6", 4"	Weight Range 48-76 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,609.36 682.40 2,388.41 -725.05 -1,492.76 -2,132.51	3,824.41
05 12 23 00-0076	TON	20" x 12", 8", 4"	Weight Range 48-105 LB/LF Structural Tubing - Rectangle <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	14,101.26 651.60 2,280.59 -692.32 -1,425.37 -2,036.24	5,584.13
05 12 23 00-0077	Square	2" x 2"	Weight Range 4-6 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,075.17 927.18 3,245.12 -985.13 -2,028.20 -2,897.43	455.10
05 12 23 00-0079	Square	2.5" x 2.5"	Weight Range 5-8 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,107.53 927.18 3,245.12 -985.13 -2,028.20 -2,897.43	485.44

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0080 TON 3" x 3" Weight Range 6-11 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,846.23 815.92 2,855.71 -866.91 -1,784.82 -2,549.74	606.80
05 12 23 00-0081 TON 3.5" x 3.5" Weight Range 8-13 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	10,743.88 797.37 2,790.81 -847.21 -1,744.25 -2,491.79	728.16
05 12 23 00-0082 TON 4" x 4" Weight Range 10-22 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	8,573.73 608.23 2,128.80 -646.24 -1,330.50 -1,900.72	910.20
05 12 23 00-0083 TON 5" x 5" Weight Range 12-30 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	8,712.44 608.23 2,128.80 -646.24 -1,330.50 -1,900.72	1,040.17
05 12 23 00-0084 TON 6" x 6" Weight Range 15-35 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	9,156.26 608.23 2,128.80 -646.24 -1,330.50 -1,900.72	1,456.32
05 12 23 00-0085 TON 7" x 7" Weight Range 17-42 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	9,683.70 619.36 2,167.74 -658.06 -1,354.84 -1,935.49	1,820.39
05 12 23 00-0086 TON 8" x 8" Weight Range 20-60 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	11,582.63 719.49 2,518.22 -764.46 -1,573.89 -2,248.41	2,427.19
05 12 23 00-0087 TON 10" x 10" Weight Range 33-77 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,877.15 719.49 2,518.22 -764.46 -1,573.89 -2,248.41	3,640.80
05 12 23 00-0088 TON 12" x 12" Weight Range 40-80 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	12,300.05 619.36 2,167.74 -658.06 -1,354.84 -1,935.49	4,273.20
05 12 23 00-0089 TON 14" x 14" Weight Range 57-90 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	14,764.51 704.66 2,466.30 -748.70 -1,541.44 -2,202.05	5,584.13
05 12 23 00-0090 TON 16" x 16" Weight Range 65-105 LB/LF Structural Tubing - Square <i>For ASTM A242 Type 2 High Strength Steel, Add</i> <i>For Hot Dip Galvanizing, Add</i> <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	16,760.65 719.49 2,518.22 -764.46 -1,573.89 -2,248.41	7,281.58
05 12 23 00-0091 Galvanized Steel Pipe Tubing (05 12 23 00-0063) Note: ASTM A53 Grade B		
05 12 23 00-0092 LF 2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	44.29	5.34
05 12 23 00-0093 LF 2-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	48.64	6.36
05 12 23 00-0094 LF 3" Diameter Galvanized Steel Pipe Tubing, Standard Weight	53.97	8.44
05 12 23 00-0095 LF 3-1/2" Diameter Galvanized Steel Pipe Tubing, Standard Weight	58.23	9.41
05 12 23 00-0096 LF 4" Diameter Galvanized Steel Pipe Tubing, Standard Weight	60.90	10.17
05 12 23 00-0097 LF 5" Diameter Galvanized Steel Pipe Tubing, Standard Weight	68.30	12.71
05 12 23 00-0098 LF 6" Diameter Galvanized Steel Pipe Tubing, Standard Weight	75.70	15.25
05 12 23 00-0099 LF 8" Diameter Galvanized Steel Pipe Tubing, Standard Weight	82.96	18.30
05 12 23 00-0100 LF 10" Diameter Galvanized Steel Pipe Tubing, Standard Weight	93.42	22.37
05 12 23 00-0101 LF 12" Diameter Galvanized Steel Pipe Tubing, Standard Weight	109.96	28.47
05 12 23 00-0102 Structural Shapes (05 12 23 00-0048)		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0103 TON Structural Shapes, Steel Angle A36 Structural Steel, Purlins And Girts (Up To 20 LB/LF).....	8,407.90	2,613.67
For ASTM A242 Type 2 High Strength Steel, Add	340.74	
For Hot Dip Galvanizing, Add	1,192.58	
For >20 To 50 LB/LF, Deduct	-1,048.22	
For >50 To 75 LB/LF, Deduct	-1,676.05	
For >75 To 100 LB/LF, Deduct	-2,303.88	
For >10 To 25 Tons, Deduct	-362.03	
For >25 To 50 Tons, Deduct	-745.37	
For >50 Tons, Deduct	-1,064.81	
05 12 23 00-0104 TON Structural Shapes, Steel Plate A36 Structural Steel	8,807.84	1,045.47
Note: Up to 21.5 LB per SF		
For ASTM A242 Type 2 High Strength Steel, Add	593.41	
For Hot Dip Galvanizing, Add	2,076.93	
For >21.5 To 50 LB/LF, Deduct	-950.30	
For >10 To 25 Tons, Deduct	-630.50	
For >25 To 50 Tons, Deduct	-1,298.08	
For >50 Tons, Deduct	-1,854.40	
05 12 23 00-0105 LB Structural Shapes, Primed Pipe Supports (Up To 20 LB/LF).....	5.15	0.23
05 12 23 00-0106 LB Structural Shapes, Galvanized Pipe Supports	6.31	0.23
05 12 23 00-0107 Built-Up Trusses (05 12 23 00-0048)		
05 12 23 00-0108 TON Up To 50 LF Span Average Weight 100 LB/LF Trusses, Built-up	9,822.39	364.08
For >10 To 25 Tons, Deduct	-801.89	
For >25 To 50 Tons, Deduct	-1,650.96	
For >50 Tons, Deduct	-2,358.51	
05 12 23 00-0109 TON >50-100 LF Span Average Weight 120 LB/LF Trusses, Built-up	9,742.51	202.19
For >10 To 25 Tons, Deduct	-809.77	
For >25 To 50 Tons, Deduct	-1,667.18	
For >50 Tons, Deduct	-2,381.69	
05 12 23 00-0110 TON >100-200 LF Span Average Weight 150 LB/LF Trusses, Built-up	8,690.62	107.04
For >10 To 25 Tons, Deduct	-728.99	
For >25 To 50 Tons, Deduct	-1,500.87	
For >50 Tons, Deduct	-2,144.10	
05 12 23 00-0111 TON >200 LF Span Average Weight 180 LB/LF Trusses, Built-up	8,452.49	101.22
For >10 To 25 Tons, Deduct	-709.29	
For >25 To 50 Tons, Deduct	-1,460.31	
For >50 Tons, Deduct	-2,086.15	
05 12 23 00-0112 Masonry Plates, Filler Plates, Sole Plates And Anchor Straps (05 12 23 00-0048)		
Note: Includes shop fabrication, welds, drilling and shop primer.		
05 12 23 00-0113 SF 1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	31.54	7.53
05 12 23 00-0114 SF 3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	47.31	11.26
05 12 23 00-0115 SF 1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	63.08	15.01
05 12 23 00-0116 SF 5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	78.85	18.76
05 12 23 00-0117 SF 3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	94.61	22.40
05 12 23 00-0118 SF 7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	110.38	26.26
05 12 23 00-0119 SF 1" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	126.15	30.01
05 12 23 00-0120 SF 1-1/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	141.92	33.77
05 12 23 00-0121 SF 1-1/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	157.69	37.52
05 12 23 00-0122 SF 1-3/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	173.47	41.27
05 12 23 00-0123 SF 1-1/2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	189.24	45.03
05 12 23 00-0124 SF 1-5/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	205.01	48.78
05 12 23 00-0125 SF 1-3/4" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	220.79	52.52
05 12 23 00-0126 SF 1-7/8" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	236.56	56.28
05 12 23 00-0127 SF 2" Masonry Plates, Filler Plates, Sole Plates And Anchor Straps	252.32	60.03
05 12 23 00-0128 Accessories For Steel (05 12 23)		
05 12 23 00-0129 Field Painting For Touch-Up Of Shop Prime Coat (05 12 23 00-0128)		
05 12 23 00-0130 SF Touch Up Paint - Type 1 Red Oxide Field Painting Prime Coat.....		1.17
05 12 23 00-0131 Connection And Stiffener Plates (05 12 23 00-0128)		
Note: For field fabrication of additional structural metal connections.		
05 12 23 00-0132 TON 1/8" Plate Weight 6.16 LB/SF Connection And Stiffener Plates	21,413.84	
For >10 To 25 Tons, Deduct	-1,820.18	
For >25 To 50 Tons, Deduct	-3,747.42	
For >50 Tons, Deduct	-5,353.46	
05 12 23 00-0133 TON 3/16" Plate Weight 8.71 LB/SF Connection And Stiffener Plates	18,270.20	
For >10 To 25 Tons, Deduct	-1,552.97	
For >25 To 50 Tons, Deduct	-3,197.29	
For >50 Tons, Deduct	-4,567.55	
05 12 23 00-0134 TON 1/4" Plate Weight 11.26 LB/SF Connection And Stiffener Plates	14,128.72	
For >10 To 25 Tons, Deduct	-1,200.94	
For >25 To 50 Tons, Deduct	-2,472.53	
For >50 Tons, Deduct	-3,532.18	
05 12 23 00-0135 TON 5/16" Plate Weight 13.81 LB/SF Connection And Stiffener Plates	14,128.72	
For >10 To 25 Tons, Deduct	-1,200.94	
For >25 To 50 Tons, Deduct	-2,472.53	
For >50 Tons, Deduct	-3,532.18	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 12 23 00-0136	TON		3/8" Plate Weight 16.37 LB/SF Connection And Stiffener Plates..... <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	14,128.72 -1,200.94 -2,472.53 -3,532.18	
	05 12 23 00-0137	TON		1/2" Plate Weight 21.47 LB/SF Connection And Stiffener Plates..... <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	14,128.72 -1,200.94 -2,472.53 -3,532.18	
	05 12 23 00-0138	TON		9/16" Plate Weight 24.02 LB/SF Connection And Stiffener Plates..... <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	14,128.72 -1,200.94 -2,472.53 -3,532.18	
	05 12 23 00-0139	TON		5/8" Plate Weight 26.58 LB/SF Connection And Stiffener Plates..... <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	14,128.72 -1,200.94 -2,472.53 -3,532.18	
	05 12 23 00-0140	TON		3/4" Plate Weight 31.68 LB/SF Connection And Stiffener Plates..... <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	13,245.67 -1,125.88 -2,317.99 -3,311.42	
	05 12 23 00-0141	TON		7/8" Plate Weight 36.78 LB/SF Connection And Stiffener Plates..... <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	13,245.67 -1,125.88 -2,317.99 -3,311.42	
	05 12 23 00-0142	TON		1" Plate Weight 41.89 LB/SF Connection And Stiffener Plates..... <i>For >10 To 25 Tons, Deduct</i> <i>For >25 To 50 Tons, Deduct</i> <i>For >50 Tons, Deduct</i>	13,245.67 -1,125.88 -2,317.99 -3,311.42	
	05 12 23 00-0143			Field Applied Cold Galvanizing <small>(05 12 23 00-0128)</small>		
	05 12 23 00-0144	SF		Brush Applied Cold Galvanizing		1.72
	05 12 23 00-0145			Metal Grinding <small>(05 12 23 00-0128)</small> Note: For use to prepare existing metal for welding by removing of rust or scale and smoothing surface after torch cutting.		
	05 12 23 00-0146	SI		Metal Grinding Up To 1/32" Thickness To Be Removed..... Note: Includes rust or scale removal on metal and smoothing surface.		1.31
	05 12 23 00-0147			Structural Steel For Buildings And Structures <small>(05 12 23)</small> Note: Prices by Ton (or LB) are based on ASTM A992/A36 steel with bolted standard beam connections and shop primed with red primer paint. Stock cross-sections only. Includes shop fabrication into sub-assemblies and delivery to site, all connecting bolts, connecting welds, and crane for erection (or demolition). Excludes moment connection welding.		
	05 12 23 00-0148			First Tier A992/A36 Structural Steel Columns, W Shapes <small>(05 12 23 00-0147)</small> Note: With base plate. Includes material delivery and erection.		
	05 12 23 00-0149	LF		W14 x 730 A992/A36 Structural Column	1,678.55	72.50
				<i>For Hot Dip Galvanizing, Add</i>	444.35	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	151.07	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	335.71	
	05 12 23 00-0150	LF		W14 x 665 A992/A36 Structural Column	1,530.72	67.57
				<i>For Hot Dip Galvanizing, Add</i>	404.79	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	137.76	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	306.14	
	05 12 23 00-0151	LF		W14 x 605 A992/A36 Structural Column	1,394.14	62.89
				<i>For Hot Dip Galvanizing, Add</i>	368.26	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	125.47	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	278.83	
	05 12 23 00-0152	LF		W14 x 550 A992/A36 Structural Column	1,268.81	58.50
				<i>For Hot Dip Galvanizing, Add</i>	334.79	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	114.19	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	253.76	
	05 12 23 00-0153	LF		W14 x 500 A992/A36 Structural Column	1,164.11	63.11
				<i>For Hot Dip Galvanizing, Add</i>	304.35	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	104.77	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	232.82	
	05 12 23 00-0154	LF		W14 x 426 A992/A36 Structural Column	993.16	55.10
				<i>For Hot Dip Galvanizing, Add</i>	259.31	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	89.38	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	198.63	
	05 12 23 00-0155	LF		W14 x 342 A992/A36 Structural Column	802.87	47.69
				<i>For Hot Dip Galvanizing, Add</i>	208.70	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	72.26	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	160.57	
	05 12 23 00-0156	LF		W14 x 311 A992/A36 Structural Column	722.99	44.54
				<i>For Hot Dip Galvanizing, Add</i>	187.44	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	65.07	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	144.60	
	05 12 23 00-0157	LF		W14 x 283 A992/A36 Structural Column	656.14	41.99
				<i>For Hot Dip Galvanizing, Add</i>	169.67	
				<i>For High Strength Low Alloy A572-50 Steel, Add</i>	59.05	
				<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	131.23	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0158	LF	W14 x 257 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	576.52 148.21 51.89 115.30	39.81
05 12 23 00-0159	LF	W14 x 233 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	530.53 136.28 47.75 106.11	37.02
05 12 23 00-0160	LF	W14 x 211 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	471.77 120.72 42.46 94.35	34.46
05 12 23 00-0161	LF	W14 x 193 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	426.60 108.68 38.39 85.32	32.77
05 12 23 00-0162	LF	W14 x 176 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	384.37 97.40 34.59 76.87	31.31
05 12 23 00-0163	LF	W14 x 159 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	347.39 87.48 31.27 69.48	30.22
05 12 23 00-0164	LF	W14 x 145 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	335.72 84.51 30.21 67.14	29.25
05 12 23 00-0165	LF	W14 x 132 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	286.90 71.36 25.82 57.38	27.92
05 12 23 00-0166	LF	W14 x 120 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	268.93 66.58 24.20 53.79	27.18
05 12 23 00-0167	LF	W14 x 109 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	240.68 59.07 21.66 48.14	26.09
05 12 23 00-0168	LF	W14 x 99 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	219.50 53.43 19.76 43.90	25.36
05 12 23 00-0169	LF	W14 x 90 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	203.82 49.25 18.34 40.76	24.76
05 12 23 00-0170	LF	W14 x 82 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	187.66 44.97 16.89 37.53	24.03
05 12 23 00-0171	LF	W14 x 74 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	169.34 40.09 15.24 33.87	23.42
05 12 23 00-0172	LF	W14 x 68 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	158.08 37.07 14.23 31.62	23.06
05 12 23 00-0173	LF	W14 x 61 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	144.05 33.34 12.96 28.81	22.45
05 12 23 00-0174	LF	W14 x 53 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	131.10 29.91 11.80 26.22	21.85
05 12 23 00-0175	LF	W14 x 48 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	122.75 27.70 11.05 24.55	21.48
05 12 23 00-0176	LF	W14 x 43 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	110.65 24.48 9.96 22.13	21.12
05 12 23 00-0177	LF	W12 x 336 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	765.50 202.88 68.90 153.10	32.29
05 12 23 00-0178	LF	W12 x 305 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	697.38 184.16 62.76 139.48	31.64
05 12 23 00-0179	LF	W12 x 279 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	640.39 168.46 57.64 128.08	31.26

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0180 LF W12 x 252 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	580.81 152.16 52.27 116.16	30.48
05 12 23 00-0181 LF W12 x 230 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	532.48 138.87 47.92 106.50	30.04
05 12 23 00-0182 LF W12 x 210 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	488.50 126.80 43.97 97.70	29.62
05 12 23 00-0183 LF W12 x 190 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	449.23 114.72 40.43 89.85	33.49
05 12 23 00-0184 LF W12 x 170 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	405.79 103.01 36.52 81.16	32.52
05 12 23 00-0185 LF W12 x 152 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	365.72 92.56 32.91 73.14	30.22
05 12 23 00-0186 LF W12 x 136 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	347.63 87.78 31.29 69.53	29.37
05 12 23 00-0187 LF W12 x 120 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	262.82 64.92 23.65 52.56	26.94
05 12 23 00-0188 LF W12 x 106 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	242.13 59.48 21.79 48.43	26.09
05 12 23 00-0189 LF W12 x 96 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	216.48 52.63 19.48 43.30	25.24
05 12 23 00-0190 LF W12 x 87 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	199.59 48.15 17.96 39.92	24.39
05 12 23 00-0191 LF W12 x 79 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	174.96 41.55 15.75 34.99	23.67
05 12 23 00-0192 LF W12 x 72 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	160.02 37.57 14.40 32.00	23.06
05 12 23 00-0193 LF W12 x 65 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	146.17 33.89 13.16 29.23	22.57
05 12 23 00-0194 LF W12 x 58 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	141.39 32.63 12.73 28.28	22.33
05 12 23 00-0195 LF W12 x 53 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	131.10 29.91 11.80 26.22	21.85
05 12 23 00-0196 LF W12 x 50 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	126.99 28.81 11.43 25.40	21.73
05 12 23 00-0197 LF W12 x 45 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	115.26 25.69 10.37 23.05	21.24
05 12 23 00-0198 LF W12 x 40 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	103.15 22.46 9.28 20.63	20.76
05 12 23 00-0199 LF W10 x 112 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	253.32 62.45 22.80 50.66	26.57
05 12 23 00-0200 LF W10 x 110 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	229.00 56.00 20.61 45.80	25.48
05 12 23 00-0201 LF W10 x 88 A992/A36 Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	205.70 49.81 18.51 41.14	24.63

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0202	LF	W10 x 77 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	182.77 43.71 16.45 36.55	23.67
05 12 23 00-0203	LF	W10 x 68 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	164.43 38.83 14.80 32.89	23.06
05 12 23 00-0204	LF	W10 x 60 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	144.05 33.34 12.96 28.81	22.45
05 12 23 00-0205	LF	W10 x 54 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	143.09 33.14 12.88 28.62	22.09
05 12 23 00-0206	LF	W10 x 49 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	125.42 28.40 11.29 25.08	21.73
05 12 23 00-0207	LF	W10 x 45 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	121.00 27.24 10.89 24.20	21.36
05 12 23 00-0208	LF	W10 x 39 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	105.09 22.97 9.46 21.02	21.00
05 12 23 00-0209	LF	W10 x 33 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	91.42 19.34 8.23 18.28	20.39
05 12 23 00-0210	LF	W8 x 67 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	158.26 37.12 14.24 31.65	23.06
05 12 23 00-0211	LF	W8 x 58 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	141.93 32.78 12.77 28.39	22.33
05 12 23 00-0212	LF	W8 x 48 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	126.87 28.81 11.42 25.37	21.73
05 12 23 00-0213	LF	W8 x 40 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	108.65 23.92 9.78 21.73	21.12
05 12 23 00-0214	LF	W8 x 35 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	98.01 21.10 8.82 19.60	20.63
05 12 23 00-0215	LF	W8 x 31 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	89.42 18.78 8.05 17.88	20.39
05 12 23 00-0216	LF	W8 x 28 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	84.09 17.37 7.57 16.82	20.15
05 12 23 00-0217	LF	W8 x 24 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	77.68 15.66 6.99 15.54	19.91
05 12 23 00-0218	LF	W8 x 21 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	73.45 14.55 6.61 14.69	19.79
05 12 23 00-0219	LF	W8 x 18 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	65.40 12.39 5.89 13.08	19.41
05 12 23 00-0220	LF	W6 x 25 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	81.67 16.77 7.35 16.33	19.91
05 12 23 00-0221	LF	W6 x 20 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	68.79 13.30 6.19 13.76	19.53
05 12 23 00-0222	LF	W6 x 15 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	58.74 10.68 5.29 11.75	18.93
05 12 23 00-0223	LF	W6 x 12 A992/A36	Structural Column <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	54.93 9.62 4.94 10.99	18.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0224 LF W6 x 9 A992/A36 Structural Column	50.09	18.81
<i>For Hot Dip Galvanizing, Add</i>	8.31	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.51	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	10.02	
05 12 23 00-0225 LF W5 x 19 A992/A36 Structural Column	67.70	19.53
<i>For Hot Dip Galvanizing, Add</i>	12.99	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.09	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.54	
05 12 23 00-0226 LF W5 x 16 A992/A36 Structural Column	62.20	19.41
<i>For Hot Dip Galvanizing, Add</i>	11.53	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.60	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	12.44	
05 12 23 00-0227 LF W4 x 13 A992/A36 Structural Column	58.14	19.17
<i>For Hot Dip Galvanizing, Add</i>	10.48	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.23	
<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	11.63	
05 12 23 00-0228 A992/A36 Structural Steel Beams And Girders, W Shapes <small>(05 12 23 00-0147)</small>		
Note: Includes material delivery and erection.		
05 12 23 00-0229 LF W36 x 300 A992/A36 Structural Beam Or Girder	599.97	79.39
<i>For Hot Dip Galvanizing, Add</i>	142.99	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	54.00	
<i>For High Strength Low Alloy A588 Steel, Add</i>	119.99	
<i>For Each Additional Top Copes >2, Add</i>	5.15	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-197.29	
<i>For Skewed Or Sloped Connections, Add</i>	72.00	
05 12 23 00-0230 LF W36 x 280 A992/A36 Structural Beam Or Girder	578.01	91.02
<i>For Hot Dip Galvanizing, Add</i>	133.46	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	52.02	
<i>For High Strength Low Alloy A588 Steel, Add</i>	115.60	
<i>For Each Additional Top Copes >2, Add</i>	4.81	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-187.74	
<i>For Skewed Or Sloped Connections, Add</i>	69.36	
05 12 23 00-0231 LF W36 x 260 A992/A36 Structural Beam Or Girder	546.91	89.92
<i>For Hot Dip Galvanizing, Add</i>	125.16	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	49.22	
<i>For High Strength Low Alloy A588 Steel, Add</i>	109.38	
<i>For Each Additional Top Copes >2, Add</i>	4.51	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-177.04	
<i>For Skewed Or Sloped Connections, Add</i>	65.63	
05 12 23 00-0232 LF W36 x 240 A992/A36 Structural Beam Or Girder	509.96	76.52
<i>For Hot Dip Galvanizing, Add</i>	118.86	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	45.90	
<i>For High Strength Low Alloy A588 Steel, Add</i>	101.99	
<i>For Each Additional Top Copes >2, Add</i>	4.28	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-166.24	
<i>For Skewed Or Sloped Connections, Add</i>	61.20	
05 12 23 00-0233 LF W36 x 230 A992/A36 Structural Beam Or Girder	493.26	77.61
<i>For Hot Dip Galvanizing, Add</i>	113.91	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	44.39	
<i>For High Strength Low Alloy A588 Steel, Add</i>	98.65	
<i>For Each Additional Top Copes >2, Add</i>	4.10	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-160.23	
<i>For Skewed Or Sloped Connections, Add</i>	59.19	
05 12 23 00-0234 LF W36 x 210 A992/A36 Structural Beam Or Girder	467.62	87.01
<i>For Hot Dip Galvanizing, Add</i>	104.00	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	42.09	
<i>For High Strength Low Alloy A588 Steel, Add</i>	93.52	
<i>For Each Additional Top Copes >2, Add</i>	3.75	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-149.74	
<i>For Skewed Or Sloped Connections, Add</i>	56.11	
05 12 23 00-0235 LF W36 x 194 A992/A36 Structural Beam Or Girder	441.15	74.22
<i>For Hot Dip Galvanizing, Add</i>	100.45	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	39.70	
<i>For High Strength Low Alloy A588 Steel, Add</i>	88.23	
<i>For Each Additional Top Copes >2, Add</i>	3.62	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-142.53	
<i>For Skewed Or Sloped Connections, Add</i>	52.94	
05 12 23 00-0236 LF W36 x 182 A992/A36 Structural Beam Or Girder	418.18	73.68
<i>For Hot Dip Galvanizing, Add</i>	94.24	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	37.64	
<i>For High Strength Low Alloy A588 Steel, Add</i>	83.64	
<i>For Each Additional Top Copes >2, Add</i>	3.40	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-134.58	
<i>For Skewed Or Sloped Connections, Add</i>	50.18	
05 12 23 00-0237 LF W36 x 170 A992/A36 Structural Beam Or Girder	394.89	72.83
<i>For Hot Dip Galvanizing, Add</i>	88.03	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	35.54	
<i>For High Strength Low Alloy A588 Steel, Add</i>	78.98	
<i>For Each Additional Top Copes >2, Add</i>	3.17	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-126.56	
<i>For Skewed Or Sloped Connections, Add</i>	47.39	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0238	LF		W36 x 160 A992/A36 Structural Beam Or Girder	388.35	84.23
			<i>For Hot Dip Galvanizing, Add</i>	82.85	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	34.95	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	77.67	
			<i>For Each Additional Top Copes >2, Add</i>	2.99	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-122.45	
			<i>For Skewed Or Sloped Connections, Add</i>	46.60	
05 12 23 00-0239	LF		W36 x 150 A992/A36 Structural Beam Or Girder	372.11	83.62
			<i>For Hot Dip Galvanizing, Add</i>	78.50	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	33.49	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	74.42	
			<i>For Each Additional Top Copes >2, Add</i>	2.83	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-116.86	
			<i>For Skewed Or Sloped Connections, Add</i>	44.65	
05 12 23 00-0240	LF		W36 x 135 A992/A36 Structural Beam Or Girder	349.38	82.89
			<i>For Hot Dip Galvanizing, Add</i>	72.44	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	31.44	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	69.88	
			<i>For Each Additional Top Copes >2, Add</i>	2.61	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-109.03	
			<i>For Skewed Or Sloped Connections, Add</i>	41.93	
05 12 23 00-0241	LF		W33 x 241 A992/A36 Structural Beam Or Girder	516.24	78.93
			<i>For Hot Dip Galvanizing, Add</i>	119.90	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	46.46	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	103.25	
			<i>For Each Additional Top Copes >2, Add</i>	4.32	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-168.06	
			<i>For Skewed Or Sloped Connections, Add</i>	61.95	
05 12 23 00-0242	LF		W33 x 221 A992/A36 Structural Beam Or Girder	478.32	76.99
			<i>For Hot Dip Galvanizing, Add</i>	109.95	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	43.05	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	95.66	
			<i>For Each Additional Top Copes >2, Add</i>	3.96	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-155.09	
			<i>For Skewed Or Sloped Connections, Add</i>	57.40	
05 12 23 00-0243	LF		W33 x 201 A992/A36 Structural Beam Or Girder	452.59	86.41
			<i>For Hot Dip Galvanizing, Add</i>	100.00	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	40.73	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	90.52	
			<i>For Each Additional Top Copes >2, Add</i>	3.60	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-144.57	
			<i>For Skewed Or Sloped Connections, Add</i>	54.31	
05 12 23 00-0244	LF		W33 x 170 A992/A36 Structural Beam Or Girder	405.83	84.83
			<i>For Hot Dip Galvanizing, Add</i>	87.53	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	36.52	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	81.17	
			<i>For Each Additional Top Copes >2, Add</i>	3.15	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-128.48	
			<i>For Skewed Or Sloped Connections, Add</i>	48.70	
05 12 23 00-0245	LF		W33 x 152 A992/A36 Structural Beam Or Girder	369.00	72.60
			<i>For Hot Dip Galvanizing, Add</i>	80.91	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	33.21	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	73.80	
			<i>For Each Additional Top Copes >2, Add</i>	2.92	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-117.53	
			<i>For Skewed Or Sloped Connections, Add</i>	44.28	
05 12 23 00-0246	LF		W33 x 141 A992/A36 Structural Beam Or Girder	359.17	83.14
			<i>For Hot Dip Galvanizing, Add</i>	75.05	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	32.33	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	71.83	
			<i>For Each Additional Top Copes >2, Add</i>	2.70	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-112.40	
			<i>For Skewed Or Sloped Connections, Add</i>	43.10	
05 12 23 00-0247	LF		W33 x 130 A992/A36 Structural Beam Or Girder	340.80	82.52
			<i>For Hot Dip Galvanizing, Add</i>	70.15	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	30.67	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	68.16	
			<i>For Each Additional Top Copes >2, Add</i>	2.53	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-106.08	
			<i>For Skewed Or Sloped Connections, Add</i>	40.90	
05 12 23 00-0248	LF		W33 x 118 A992/A36 Structural Beam Or Girder	319.40	81.79
			<i>For Hot Dip Galvanizing, Add</i>	64.42	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	28.75	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	63.88	
			<i>For Each Additional Top Copes >2, Add</i>	2.32	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-98.70	
			<i>For Skewed Or Sloped Connections, Add</i>	38.33	
05 12 23 00-0249	LF		W30 x 211 A992/A36 Structural Beam Or Girder	458.32	76.84
			<i>For Hot Dip Galvanizing, Add</i>	104.44	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	41.25	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	91.66	
			<i>For Each Additional Top Copes >2, Add</i>	3.76	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-148.12	
			<i>For Skewed Or Sloped Connections, Add</i>	55.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0250 LF W30 x 191 A992/A36 Structural Beam Or Girder	432.32	85.80
<i>For Hot Dip Galvanizing, Add</i>	94.54	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	38.91	
<i>For High Strength Low Alloy A588 Steel, Add</i>	86.46	
<i>For Each Additional Top Copes >2, Add</i>	3.41	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-137.57	
<i>For Skewed Or Sloped Connections, Add</i>	51.88	
05 12 23 00-0251 LF W30 x 173 A992/A36 Structural Beam Or Girder	396.25	73.34
<i>For Hot Dip Galvanizing, Add</i>	88.25	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	35.66	
<i>For High Strength Low Alloy A588 Steel, Add</i>	79.25	
<i>For Each Additional Top Copes >2, Add</i>	3.18	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-126.95	
<i>For Skewed Or Sloped Connections, Add</i>	47.55	
05 12 23 00-0252 LF W30 x 154 A992/A36 Structural Beam Or Girder	372.42	83.74
<i>For Hot Dip Galvanizing, Add</i>	78.56	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	33.52	
<i>For High Strength Low Alloy A588 Steel, Add</i>	74.48	
<i>For Each Additional Top Copes >2, Add</i>	2.83	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-116.95	
<i>For Skewed Or Sloped Connections, Add</i>	44.69	
05 12 23 00-0253 LF W30 x 132 A992/A36 Structural Beam Or Girder	332.10	70.75
<i>For Hot Dip Galvanizing, Add</i>	71.21	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	29.89	
<i>For High Strength Low Alloy A588 Steel, Add</i>	66.42	
<i>For Each Additional Top Copes >2, Add</i>	2.57	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-104.91	
<i>For Skewed Or Sloped Connections, Add</i>	39.85	
05 12 23 00-0254 LF W30 x 124 A992/A36 Structural Beam Or Girder	316.50	70.71
<i>For Hot Dip Galvanizing, Add</i>	66.90	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	28.49	
<i>For High Strength Low Alloy A588 Steel, Add</i>	63.30	
<i>For Each Additional Top Copes >2, Add</i>	2.41	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-99.46	
<i>For Skewed Or Sloped Connections, Add</i>	37.98	
05 12 23 00-0255 LF W30 x 116 A992/A36 Structural Beam Or Girder	312.66	81.67
<i>For Hot Dip Galvanizing, Add</i>	62.58	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	28.14	
<i>For High Strength Low Alloy A588 Steel, Add</i>	62.53	
<i>For Each Additional Top Copes >2, Add</i>	2.26	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-96.36	
<i>For Skewed Or Sloped Connections, Add</i>	37.52	
05 12 23 00-0256 LF W30 x 108 A992/A36 Structural Beam Or Girder	289.47	73.54
<i>For Hot Dip Galvanizing, Add</i>	58.57	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	26.05	
<i>For High Strength Low Alloy A588 Steel, Add</i>	57.89	
<i>For Each Additional Top Copes >2, Add</i>	2.11	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-89.55	
<i>For Skewed Or Sloped Connections, Add</i>	34.74	
05 12 23 00-0257 LF W30 x 99 A992/A36 Structural Beam Or Girder	276.34	73.18
<i>For Hot Dip Galvanizing, Add</i>	55.06	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	24.87	
<i>For High Strength Low Alloy A588 Steel, Add</i>	55.27	
<i>For Each Additional Top Copes >2, Add</i>	1.98	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-85.03	
<i>For Skewed Or Sloped Connections, Add</i>	33.16	
05 12 23 00-0258 LF W27 x 178 A992/A36 Structural Beam Or Girder	439.98	85.86
<i>For Hot Dip Galvanizing, Add</i>	96.68	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	39.60	
<i>For High Strength Low Alloy A588 Steel, Add</i>	88.00	
<i>For Each Additional Top Copes >2, Add</i>	3.48	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-140.25	
<i>For Skewed Or Sloped Connections, Add</i>	52.80	
05 12 23 00-0259 LF W27 x 161 A992/A36 Structural Beam Or Girder	403.25	82.63
<i>For Hot Dip Galvanizing, Add</i>	87.44	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	36.29	
<i>For High Strength Low Alloy A588 Steel, Add</i>	80.65	
<i>For Each Additional Top Copes >2, Add</i>	3.15	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-127.92	
<i>For Skewed Or Sloped Connections, Add</i>	48.39	
05 12 23 00-0260 LF W27 x 146 A992/A36 Structural Beam Or Girder	370.76	79.70
<i>For Hot Dip Galvanizing, Add</i>	79.30	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	33.37	
<i>For High Strength Low Alloy A588 Steel, Add</i>	74.15	
<i>For Each Additional Top Copes >2, Add</i>	2.86	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-117.01	
<i>For Skewed Or Sloped Connections, Add</i>	44.49	
05 12 23 00-0261 LF W27 x 114 A992/A36 Structural Beam Or Girder	293.74	66.21
<i>For Hot Dip Galvanizing, Add</i>	61.92	
<i>For High Strength Low Alloy A572-50 Steel, Add</i>	26.44	
<i>For High Strength Low Alloy A588 Steel, Add</i>	58.75	
<i>For Each Additional Top Copes >2, Add</i>	2.23	
<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-92.22	
<i>For Skewed Or Sloped Connections, Add</i>	35.25	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0262	LF		W27 x 102 A992/A36 Structural Beam Or Girder	277.67	73.18
			For Hot Dip Galvanizing, Add	55.40	
			For High Strength Low Alloy A572-50 Steel, Add	24.99	
			For High Strength Low Alloy A588 Steel, Add	55.53	
			For Each Additional Top Copes >2, Add	2.00	
			For Structural Tees, WT, MT Or ST, Deduct	-85.48	
			For Skewed Or Sloped Connections, Add	33.32	
05 12 23 00-0263	LF		W27 x 94 A992/A36 Structural Beam Or Girder	265.35	72.69
			For Hot Dip Galvanizing, Add	52.11	
			For High Strength Low Alloy A572-50 Steel, Add	23.88	
			For High Strength Low Alloy A588 Steel, Add	53.07	
			For Each Additional Top Copes >2, Add	1.88	
			For Structural Tees, WT, MT Or ST, Deduct	-81.24	
			For Skewed Or Sloped Connections, Add	31.84	
05 12 23 00-0264	LF		W27 x 84 A992/A36 Structural Beam Or Girder	250.29	72.21
			For Hot Dip Galvanizing, Add	48.10	
			For High Strength Low Alloy A572-50 Steel, Add	22.53	
			For High Strength Low Alloy A588 Steel, Add	50.06	
			For Each Additional Top Copes >2, Add	1.73	
			For Structural Tees, WT, MT Or ST, Deduct	-76.06	
			For Skewed Or Sloped Connections, Add	30.03	
05 12 23 00-0265	LF		W24 x 162 A992/A36 Structural Beam Or Girder	388.43	79.22
			For Hot Dip Galvanizing, Add	84.34	
			For High Strength Low Alloy A572-50 Steel, Add	34.96	
			For High Strength Low Alloy A588 Steel, Add	77.69	
			For Each Additional Top Copes >2, Add	3.04	
			For Structural Tees, WT, MT Or ST, Deduct	-123.28	
			For Skewed Or Sloped Connections, Add	46.61	
05 12 23 00-0266	LF		W24 x 146 A992/A36 Structural Beam Or Girder	354.93	75.94
			For Hot Dip Galvanizing, Add	76.01	
			For High Strength Low Alloy A572-50 Steel, Add	31.94	
			For High Strength Low Alloy A588 Steel, Add	70.99	
			For Each Additional Top Copes >2, Add	2.74	
			For Structural Tees, WT, MT Or ST, Deduct	-112.07	
			For Skewed Or Sloped Connections, Add	42.59	
05 12 23 00-0267	LF		W24 x 131 A992/A36 Structural Beam Or Girder	323.10	72.50
			For Hot Dip Galvanizing, Add	68.20	
			For High Strength Low Alloy A572-50 Steel, Add	29.08	
			For High Strength Low Alloy A588 Steel, Add	64.62	
			For Each Additional Top Copes >2, Add	2.46	
			For Structural Tees, WT, MT Or ST, Deduct	-101.49	
			For Skewed Or Sloped Connections, Add	38.77	
05 12 23 00-0268	LF		W24 x 117 A992/A36 Structural Beam Or Girder	292.98	68.88
			For Hot Dip Galvanizing, Add	60.92	
			For High Strength Low Alloy A572-50 Steel, Add	26.37	
			For High Strength Low Alloy A588 Steel, Add	58.60	
			For Each Additional Top Copes >2, Add	2.20	
			For Structural Tees, WT, MT Or ST, Deduct	-91.52	
			For Skewed Or Sloped Connections, Add	35.16	
05 12 23 00-0269	LF		W24 x 104 A992/A36 Structural Beam Or Girder	264.59	65.13
			For Hot Dip Galvanizing, Add	54.15	
			For High Strength Low Alloy A572-50 Steel, Add	23.81	
			For High Strength Low Alloy A588 Steel, Add	52.92	
			For Each Additional Top Copes >2, Add	1.95	
			For Structural Tees, WT, MT Or ST, Deduct	-82.19	
			For Skewed Or Sloped Connections, Add	31.75	
05 12 23 00-0270	LF		W24 x 94 A992/A36 Structural Beam Or Girder	253.91	72.69
			For Hot Dip Galvanizing, Add	48.94	
			For High Strength Low Alloy A572-50 Steel, Add	22.85	
			For High Strength Low Alloy A588 Steel, Add	50.78	
			For Each Additional Top Copes >2, Add	1.76	
			For Structural Tees, WT, MT Or ST, Deduct	-77.24	
			For Skewed Or Sloped Connections, Add	30.47	
05 12 23 00-0271	LF		W24 x 84 A992/A36 Structural Beam Or Girder	231.73	64.44
			For Hot Dip Galvanizing, Add	45.21	
			For High Strength Low Alloy A572-50 Steel, Add	20.86	
			For High Strength Low Alloy A588 Steel, Add	46.35	
			For Each Additional Top Copes >2, Add	1.63	
			For Structural Tees, WT, MT Or ST, Deduct	-70.78	
			For Skewed Or Sloped Connections, Add	27.81	
05 12 23 00-0272	LF		W24 x 76 A992/A36 Structural Beam Or Girder	220.21	63.96
			For Hot Dip Galvanizing, Add	42.15	
			For High Strength Low Alloy A572-50 Steel, Add	19.82	
			For High Strength Low Alloy A588 Steel, Add	44.04	
			For Each Additional Top Copes >2, Add	1.52	
			For Structural Tees, WT, MT Or ST, Deduct	-66.82	
			For Skewed Or Sloped Connections, Add	26.43	
05 12 23 00-0273	LF		W24 x 68 A992/A36 Structural Beam Or Girder	205.68	63.59
			For Hot Dip Galvanizing, Add	38.25	
			For High Strength Low Alloy A572-50 Steel, Add	18.51	
			For High Strength Low Alloy A588 Steel, Add	41.14	
			For Each Additional Top Copes >2, Add	1.38	
			For Structural Tees, WT, MT Or ST, Deduct	-61.81	
			For Skewed Or Sloped Connections, Add	24.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0274 LF W24 x 62 A992/A36 Structural Beam Or Girder	198.10	63.23
For Hot Dip Galvanizing, Add	36.25	
For High Strength Low Alloy A572-50 Steel, Add	17.83	
For High Strength Low Alloy A588 Steel, Add	39.62	
For Each Additional Top Copes >2, Add	1.31	
For Structural Tees, WT, MT Or ST, Deduct	-59.21	
For Skewed Or Sloped Connections, Add	23.77	
05 12 23 00-0275 LF W24 x 55 A992/A36 Structural Beam Or Girder	187.69	62.99
For Hot Dip Galvanizing, Add	33.46	
For High Strength Low Alloy A572-50 Steel, Add	16.89	
For High Strength Low Alloy A588 Steel, Add	37.54	
For Each Additional Top Copes >2, Add	1.21	
For Structural Tees, WT, MT Or ST, Deduct	-55.63	
For Skewed Or Sloped Connections, Add	22.52	
05 12 23 00-0276 LF W21 x 147 A992/A36 Structural Beam Or Girder	340.33	65.14
For Hot Dip Galvanizing, Add	75.16	
For High Strength Low Alloy A572-50 Steel, Add	30.63	
For High Strength Low Alloy A588 Steel, Add	68.07	
For Each Additional Top Copes >2, Add	2.71	
For Structural Tees, WT, MT Or ST, Deduct	-108.69	
For Skewed Or Sloped Connections, Add	40.84	
05 12 23 00-0277 LF W21 x 132 A992/A36 Structural Beam Or Girder	309.59	62.24
For Hot Dip Galvanizing, Add	67.49	
For High Strength Low Alloy A572-50 Steel, Add	27.86	
For High Strength Low Alloy A588 Steel, Add	61.92	
For Each Additional Top Copes >2, Add	2.43	
For Structural Tees, WT, MT Or ST, Deduct	-98.40	
For Skewed Or Sloped Connections, Add	37.15	
05 12 23 00-0278 LF W21 x 122 A992/A36 Structural Beam Or Girder	290.05	61.19
For Hot Dip Galvanizing, Add	62.38	
For High Strength Low Alloy A572-50 Steel, Add	26.10	
For High Strength Low Alloy A588 Steel, Add	58.01	
For Each Additional Top Copes >2, Add	2.25	
For Structural Tees, WT, MT Or ST, Deduct	-91.73	
For Skewed Or Sloped Connections, Add	34.81	
05 12 23 00-0279 LF W21 x 111 A992/A36 Structural Beam Or Girder	267.69	59.23
For Hot Dip Galvanizing, Add	56.75	
For High Strength Low Alloy A572-50 Steel, Add	24.09	
For High Strength Low Alloy A588 Steel, Add	53.54	
For Each Additional Top Copes >2, Add	2.05	
For Structural Tees, WT, MT Or ST, Deduct	-84.21	
For Skewed Or Sloped Connections, Add	32.12	
05 12 23 00-0280 LF W21 x 101 A992/A36 Structural Beam Or Girder	247.24	57.33
For Hot Dip Galvanizing, Add	51.64	
For High Strength Low Alloy A572-50 Steel, Add	22.25	
For High Strength Low Alloy A588 Steel, Add	49.45	
For Each Additional Top Copes >2, Add	1.86	
For Structural Tees, WT, MT Or ST, Deduct	-77.36	
For Skewed Or Sloped Connections, Add	29.67	
05 12 23 00-0281 LF W21 x 93 A992/A36 Structural Beam Or Girder	240.89	65.17
For Hot Dip Galvanizing, Add	47.55	
For High Strength Low Alloy A572-50 Steel, Add	21.68	
For High Strength Low Alloy A588 Steel, Add	48.18	
For Each Additional Top Copes >2, Add	1.71	
For Structural Tees, WT, MT Or ST, Deduct	-73.88	
For Skewed Or Sloped Connections, Add	28.91	
05 12 23 00-0282 LF W21 x 83 A992/A36 Structural Beam Or Girder	227.32	64.44
For Hot Dip Galvanizing, Add	43.99	
For High Strength Low Alloy A572-50 Steel, Add	20.46	
For High Strength Low Alloy A588 Steel, Add	45.46	
For Each Additional Top Copes >2, Add	1.59	
For Structural Tees, WT, MT Or ST, Deduct	-69.24	
For Skewed Or Sloped Connections, Add	27.28	
05 12 23 00-0283 LF W21 x 73 A992/A36 Structural Beam Or Girder	210.66	63.96
For Hot Dip Galvanizing, Add	39.53	
For High Strength Low Alloy A572-50 Steel, Add	18.96	
For High Strength Low Alloy A588 Steel, Add	42.13	
For Each Additional Top Copes >2, Add	1.42	
For Structural Tees, WT, MT Or ST, Deduct	-63.50	
For Skewed Or Sloped Connections, Add	25.28	
05 12 23 00-0284 LF W21 x 68 A992/A36 Structural Beam Or Girder	202.27	63.59
For Hot Dip Galvanizing, Add	37.30	
For High Strength Low Alloy A572-50 Steel, Add	18.20	
For High Strength Low Alloy A588 Steel, Add	40.45	
For Each Additional Top Copes >2, Add	1.34	
For Structural Tees, WT, MT Or ST, Deduct	-60.62	
For Skewed Or Sloped Connections, Add	24.27	
05 12 23 00-0285 LF W21 x 62 A992/A36 Structural Beam Or Girder	194.69	63.23
For Hot Dip Galvanizing, Add	35.30	
For High Strength Low Alloy A572-50 Steel, Add	17.52	
For High Strength Low Alloy A588 Steel, Add	38.94	
For Each Additional Top Copes >2, Add	1.27	
For Structural Tees, WT, MT Or ST, Deduct	-58.02	
For Skewed Or Sloped Connections, Add	23.36	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0286	LF	W21 x 57 A992/A36	Structural Beam Or Girder	187.82	63.11
			<i>For Hot Dip Galvanizing, Add</i>	33.46	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.90	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	37.56	
			<i>For Each Additional Top Copes >2, Add</i>	1.21	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-55.65	
			<i>For Skewed Or Sloped Connections, Add</i>	22.54	
05 12 23 00-0287	LF	W21 x 50 A992/A36	Structural Beam Or Girder	166.63	54.73
			<i>For Hot Dip Galvanizing, Add</i>	30.01	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.00	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	33.33	
			<i>For Each Additional Top Copes >2, Add</i>	1.08	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-49.55	
			<i>For Skewed Or Sloped Connections, Add</i>	20.00	
05 12 23 00-0288	LF	W21 x 44 A992/A36	Structural Beam Or Girder	158.66	54.49
			<i>For Hot Dip Galvanizing, Add</i>	27.89	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.28	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	31.73	
			<i>For Each Additional Top Copes >2, Add</i>	1.01	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-46.81	
			<i>For Skewed Or Sloped Connections, Add</i>	19.04	
05 12 23 00-0289	LF	W18 x 119 A992/A36	Structural Beam Or Girder	281.90	60.98
			<i>For Hot Dip Galvanizing, Add</i>	60.18	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	25.37	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	56.38	
			<i>For Each Additional Top Copes >2, Add</i>	2.17	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-88.91	
			<i>For Skewed Or Sloped Connections, Add</i>	33.83	
05 12 23 00-0290	LF	W18 x 106 A992/A36	Structural Beam Or Girder	254.80	57.79
			<i>For Hot Dip Galvanizing, Add</i>	53.60	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	22.93	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	50.96	
			<i>For Each Additional Top Copes >2, Add</i>	1.93	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-79.93	
			<i>For Skewed Or Sloped Connections, Add</i>	30.58	
05 12 23 00-0291	LF	W18 x 97 A992/A36	Structural Beam Or Girder	246.42	65.17
			<i>For Hot Dip Galvanizing, Add</i>	49.05	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	22.18	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	49.28	
			<i>For Each Additional Top Copes >2, Add</i>	1.77	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-75.80	
			<i>For Skewed Or Sloped Connections, Add</i>	29.57	
05 12 23 00-0292	LF	W18 x 86 A992/A36	Structural Beam Or Girder	230.85	64.56
			<i>For Hot Dip Galvanizing, Add</i>	44.93	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	20.78	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	46.17	
			<i>For Each Additional Top Copes >2, Add</i>	1.62	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-70.46	
			<i>For Skewed Or Sloped Connections, Add</i>	27.70	
05 12 23 00-0293	LF	W18 x 76 A992/A36	Structural Beam Or Girder	216.80	63.96
			<i>For Hot Dip Galvanizing, Add</i>	41.20	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	19.51	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	43.36	
			<i>For Each Additional Top Copes >2, Add</i>	1.48	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-65.63	
			<i>For Skewed Or Sloped Connections, Add</i>	26.02	
05 12 23 00-0294	LF	W18 x 71 A992/A36	Structural Beam Or Girder	206.53	63.83
			<i>For Hot Dip Galvanizing, Add</i>	38.42	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.59	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	41.31	
			<i>For Each Additional Top Copes >2, Add</i>	1.38	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-62.07	
			<i>For Skewed Or Sloped Connections, Add</i>	24.78	
05 12 23 00-0295	LF	W18 x 65 A992/A36	Structural Beam Or Girder	196.53	63.59
			<i>For Hot Dip Galvanizing, Add</i>	35.74	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	17.69	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	39.31	
			<i>For Each Additional Top Copes >2, Add</i>	1.29	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-58.63	
			<i>For Skewed Or Sloped Connections, Add</i>	23.58	
05 12 23 00-0296	LF	W18 x 60 A992/A36	Structural Beam Or Girder	187.53	63.11
			<i>For Hot Dip Galvanizing, Add</i>	33.35	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.88	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	37.51	
			<i>For Each Additional Top Copes >2, Add</i>	1.20	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-55.53	
			<i>For Skewed Or Sloped Connections, Add</i>	22.50	
05 12 23 00-0297	LF	W18 x 55 A992/A36	Structural Beam Or Girder	178.46	62.99
			<i>For Hot Dip Galvanizing, Add</i>	30.90	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.06	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	35.69	
			<i>For Each Additional Top Copes >2, Add</i>	1.11	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-52.39	
			<i>For Skewed Or Sloped Connections, Add</i>	21.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0298 LF W18 x 50 A992/A36 Structural Beam Or Girder	161.02	54.73
For Hot Dip Galvanizing, Add	28.45	
For High Strength Low Alloy A572-50 Steel, Add	14.49	
For High Strength Low Alloy A588 Steel, Add	32.20	
For Each Additional Top Copes >2, Add	1.03	
For Structural Tees, WT, MT Or ST, Deduct	-47.58	
For Skewed Or Sloped Connections, Add	19.32	
05 12 23 00-0299 LF W18 x 46 A992/A36 Structural Beam Or Girder	153.96	54.61
For Hot Dip Galvanizing, Add	26.56	
For High Strength Low Alloy A572-50 Steel, Add	13.86	
For High Strength Low Alloy A588 Steel, Add	30.79	
For Each Additional Top Copes >2, Add	0.96	
For Structural Tees, WT, MT Or ST, Deduct	-45.15	
For Skewed Or Sloped Connections, Add	18.48	
05 12 23 00-0300 LF W18 x 40 A992/A36 Structural Beam Or Girder	134.82	46.60
For Hot Dip Galvanizing, Add	23.61	
For High Strength Low Alloy A572-50 Steel, Add	12.13	
For High Strength Low Alloy A588 Steel, Add	26.96	
For Each Additional Top Copes >2, Add	0.85	
For Structural Tees, WT, MT Or ST, Deduct	-39.72	
For Skewed Or Sloped Connections, Add	16.18	
05 12 23 00-0301 LF W18 x 35 A992/A36 Structural Beam Or Girder	125.95	46.48
For Hot Dip Galvanizing, Add	21.21	
For High Strength Low Alloy A572-50 Steel, Add	11.34	
For High Strength Low Alloy A588 Steel, Add	25.19	
For Each Additional Top Copes >2, Add	0.76	
For Structural Tees, WT, MT Or ST, Deduct	-36.66	
For Skewed Or Sloped Connections, Add	15.11	
05 12 23 00-0302 LF W16 x 100 A992/A36 Structural Beam Or Girder	235.16	42.35
For Hot Dip Galvanizing, Add	52.73	
For High Strength Low Alloy A572-50 Steel, Add	21.16	
For High Strength Low Alloy A588 Steel, Add	47.03	
For Each Additional Top Copes >2, Add	1.90	
For Structural Tees, WT, MT Or ST, Deduct	-75.53	
For Skewed Or Sloped Connections, Add	28.22	
05 12 23 00-0303 LF W16 x 89 A992/A36 Structural Beam Or Girder	215.16	41.62
For Hot Dip Galvanizing, Add	47.38	
For High Strength Low Alloy A572-50 Steel, Add	19.36	
For High Strength Low Alloy A588 Steel, Add	43.03	
For Each Additional Top Copes >2, Add	1.71	
For Structural Tees, WT, MT Or ST, Deduct	-68.64	
For Skewed Or Sloped Connections, Add	25.82	
05 12 23 00-0304 LF W16 x 77 A992/A36 Structural Beam Or Girder	193.70	41.14
For Hot Dip Galvanizing, Add	41.59	
For High Strength Low Alloy A572-50 Steel, Add	17.43	
For High Strength Low Alloy A588 Steel, Add	38.74	
For Each Additional Top Copes >2, Add	1.50	
For Structural Tees, WT, MT Or ST, Deduct	-61.22	
For Skewed Or Sloped Connections, Add	23.24	
05 12 23 00-0305 LF W16 x 67 A992/A36 Structural Beam Or Girder	175.42	40.53
For Hot Dip Galvanizing, Add	36.69	
For High Strength Low Alloy A572-50 Steel, Add	15.79	
For High Strength Low Alloy A588 Steel, Add	35.08	
For Each Additional Top Copes >2, Add	1.32	
For Structural Tees, WT, MT Or ST, Deduct	-54.92	
For Skewed Or Sloped Connections, Add	21.05	
05 12 23 00-0306 LF W16 x 57 A992/A36 Structural Beam Or Girder	157.36	39.93
For Hot Dip Galvanizing, Add	31.85	
For High Strength Low Alloy A572-50 Steel, Add	14.16	
For High Strength Low Alloy A588 Steel, Add	31.47	
For Each Additional Top Copes >2, Add	1.15	
For Structural Tees, WT, MT Or ST, Deduct	-48.69	
For Skewed Or Sloped Connections, Add	18.88	
05 12 23 00-0307 LF W16 x 50 A992/A36 Structural Beam Or Girder	144.76	39.56
For Hot Dip Galvanizing, Add	28.45	
For High Strength Low Alloy A572-50 Steel, Add	13.03	
For High Strength Low Alloy A588 Steel, Add	28.95	
For Each Additional Top Copes >2, Add	1.03	
For Structural Tees, WT, MT Or ST, Deduct	-44.33	
For Skewed Or Sloped Connections, Add	17.37	
05 12 23 00-0308 LF W16 x 45 A992/A36 Structural Beam Or Girder	135.89	39.32
For Hot Dip Galvanizing, Add	26.06	
For High Strength Low Alloy A572-50 Steel, Add	12.23	
For High Strength Low Alloy A588 Steel, Add	27.18	
For Each Additional Top Copes >2, Add	0.94	
For Structural Tees, WT, MT Or ST, Deduct	-41.26	
For Skewed Or Sloped Connections, Add	16.31	
05 12 23 00-0309 LF W16 x 40 A992/A36 Structural Beam Or Girder	126.69	38.96
For Hot Dip Galvanizing, Add	23.61	
For High Strength Low Alloy A572-50 Steel, Add	11.40	
For High Strength Low Alloy A588 Steel, Add	25.34	
For Each Additional Top Copes >2, Add	0.85	
For Structural Tees, WT, MT Or ST, Deduct	-38.10	
For Skewed Or Sloped Connections, Add	15.20	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0310	LF		W16 x 36 A992/A36 Structural Beam Or Girder	119.51	38.71
			<i>For Hot Dip Galvanizing, Add</i>	21.71	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	10.76	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	23.90	
			<i>For Each Additional Top Copes >2, Add</i>	0.78	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-35.64	
			<i>For Skewed Or Sloped Connections, Add</i>	14.34	
05 12 23 00-0311	LF		W16 x 31 A992/A36 Structural Beam Or Girder	102.31	30.83
			<i>For Hot Dip Galvanizing, Add</i>	19.26	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.21	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.46	
			<i>For Each Additional Top Copes >2, Add</i>	0.69	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-30.88	
			<i>For Skewed Or Sloped Connections, Add</i>	12.28	
05 12 23 00-0312	LF		W16 x 26 A992/A36 Structural Beam Or Girder	90.73	30.46
			<i>For Hot Dip Galvanizing, Add</i>	16.15	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.17	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	18.15	
			<i>For Each Additional Top Copes >2, Add</i>	0.58	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-26.88	
			<i>For Skewed Or Sloped Connections, Add</i>	10.89	
05 12 23 00-0313	LF		W14 x 99 A992/A36 Structural Beam Or Girder	225.22	34.70
			<i>For Hot Dip Galvanizing, Add</i>	52.23	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	20.27	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	45.04	
			<i>For Each Additional Top Copes >2, Add</i>	1.88	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-73.27	
			<i>For Skewed Or Sloped Connections, Add</i>	27.03	
05 12 23 00-0314	LF		W14 x 90 A992/A36 Structural Beam Or Girder	208.95	34.10
			<i>For Hot Dip Galvanizing, Add</i>	47.88	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	18.81	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	41.79	
			<i>For Each Additional Top Copes >2, Add</i>	1.73	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-67.67	
			<i>For Skewed Or Sloped Connections, Add</i>	25.07	
05 12 23 00-0315	LF		W14 x 82 A992/A36 Structural Beam Or Girder	194.44	33.74
			<i>For Hot Dip Galvanizing, Add</i>	43.99	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	17.50	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	38.89	
			<i>For Each Additional Top Copes >2, Add</i>	1.59	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-62.66	
			<i>For Skewed Or Sloped Connections, Add</i>	23.33	
05 12 23 00-0316	LF		W14 x 74 A992/A36 Structural Beam Or Girder	179.91	33.25
			<i>For Hot Dip Galvanizing, Add</i>	40.09	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	16.19	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	35.98	
			<i>For Each Additional Top Copes >2, Add</i>	1.44	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-57.65	
			<i>For Skewed Or Sloped Connections, Add</i>	21.59	
05 12 23 00-0317	LF		W14 x 68 A992/A36 Structural Beam Or Girder	169.10	32.89
			<i>For Hot Dip Galvanizing, Add</i>	37.19	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	15.22	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	33.82	
			<i>For Each Additional Top Copes >2, Add</i>	1.34	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-53.92	
			<i>For Skewed Or Sloped Connections, Add</i>	20.29	
05 12 23 00-0318	LF		W14 x 61 A992/A36 Structural Beam Or Girder	156.49	32.52
			<i>For Hot Dip Galvanizing, Add</i>	33.80	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.08	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	31.30	
			<i>For Each Additional Top Copes >2, Add</i>	1.22	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-49.57	
			<i>For Skewed Or Sloped Connections, Add</i>	18.78	
05 12 23 00-0319	LF		W14 x 53 A992/A36 Structural Beam Or Girder	142.16	32.04
			<i>For Hot Dip Galvanizing, Add</i>	29.95	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.79	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	28.43	
			<i>For Each Additional Top Copes >2, Add</i>	1.08	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-44.62	
			<i>For Skewed Or Sloped Connections, Add</i>	17.06	
05 12 23 00-0320	LF		W14 x 48 A992/A36 Structural Beam Or Girder	132.98	31.67
			<i>For Hot Dip Galvanizing, Add</i>	27.51	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.97	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	26.60	
			<i>For Each Additional Top Copes >2, Add</i>	0.99	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-41.46	
			<i>For Skewed Or Sloped Connections, Add</i>	15.96	
05 12 23 00-0321	LF		W14 x 43 A992/A36 Structural Beam Or Girder	123.90	31.55
			<i>For Hot Dip Galvanizing, Add</i>	25.06	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.15	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	24.78	
			<i>For Each Additional Top Copes >2, Add</i>	0.90	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-38.32	
			<i>For Skewed Or Sloped Connections, Add</i>	14.87	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0322 LF W14 x 38 A992/A36 Structural Beam Or Girder	114.91	31.31
For Hot Dip Galvanizing, Add	22.66	
For High Strength Low Alloy A572-50 Steel, Add	10.34	
For High Strength Low Alloy A588 Steel, Add	22.98	
For Each Additional Top Copes >2, Add	0.82	
For Structural Tees, WT, MT Or ST, Deduct	-35.23	
For Skewed Or Sloped Connections, Add	13.79	
05 12 23 00-0323 LF W14 x 34 A992/A36 Structural Beam Or Girder	107.65	30.95
For Hot Dip Galvanizing, Add	20.71	
For High Strength Low Alloy A572-50 Steel, Add	9.69	
For High Strength Low Alloy A588 Steel, Add	21.53	
For Each Additional Top Copes >2, Add	0.75	
For Structural Tees, WT, MT Or ST, Deduct	-32.73	
For Skewed Or Sloped Connections, Add	12.92	
05 12 23 00-0324 LF W14 x 30 A992/A36 Structural Beam Or Girder	100.39	30.83
For Hot Dip Galvanizing, Add	18.76	
For High Strength Low Alloy A572-50 Steel, Add	9.04	
For High Strength Low Alloy A588 Steel, Add	20.08	
For Each Additional Top Copes >2, Add	0.68	
For Structural Tees, WT, MT Or ST, Deduct	-30.22	
For Skewed Or Sloped Connections, Add	12.05	
05 12 23 00-0325 LF W14 x 26 A992/A36 Structural Beam Or Girder	93.11	30.46
For Hot Dip Galvanizing, Add	16.81	
For High Strength Low Alloy A572-50 Steel, Add	8.38	
For High Strength Low Alloy A588 Steel, Add	18.62	
For Each Additional Top Copes >2, Add	0.61	
For Structural Tees, WT, MT Or ST, Deduct	-27.71	
For Skewed Or Sloped Connections, Add	11.17	
05 12 23 00-0326 LF W14 x 22 A992/A36 Structural Beam Or Girder	86.05	30.34
For Hot Dip Galvanizing, Add	14.92	
For High Strength Low Alloy A572-50 Steel, Add	7.74	
For High Strength Low Alloy A588 Steel, Add	17.21	
For Each Additional Top Copes >2, Add	0.54	
For Structural Tees, WT, MT Or ST, Deduct	-25.28	
For Skewed Or Sloped Connections, Add	10.33	
05 12 23 00-0327 LF W12 x 87 A992/A36 Structural Beam Or Girder	203.62	33.98
For Hot Dip Galvanizing, Add	46.43	
For High Strength Low Alloy A572-50 Steel, Add	18.33	
For High Strength Low Alloy A588 Steel, Add	40.72	
For Each Additional Top Copes >2, Add	1.67	
For Structural Tees, WT, MT Or ST, Deduct	-65.82	
For Skewed Or Sloped Connections, Add	24.43	
05 12 23 00-0328 LF W12 x 79 A992/A36 Structural Beam Or Girder	189.10	33.49
For Hot Dip Galvanizing, Add	42.54	
For High Strength Low Alloy A572-50 Steel, Add	17.02	
For High Strength Low Alloy A588 Steel, Add	37.82	
For Each Additional Top Copes >2, Add	1.53	
For Structural Tees, WT, MT Or ST, Deduct	-60.81	
For Skewed Or Sloped Connections, Add	22.69	
05 12 23 00-0329 LF W12 x 72 A992/A36 Structural Beam Or Girder	176.36	33.13
For Hot Dip Galvanizing, Add	39.14	
For High Strength Low Alloy A572-50 Steel, Add	15.87	
For High Strength Low Alloy A588 Steel, Add	35.27	
For Each Additional Top Copes >2, Add	1.41	
For Structural Tees, WT, MT Or ST, Deduct	-56.43	
For Skewed Or Sloped Connections, Add	21.16	
05 12 23 00-0330 LF W12 x 65 A992/A36 Structural Beam Or Girder	163.76	32.77
For Hot Dip Galvanizing, Add	35.74	
For High Strength Low Alloy A572-50 Steel, Add	14.74	
For High Strength Low Alloy A588 Steel, Add	32.75	
For Each Additional Top Copes >2, Add	1.29	
For Structural Tees, WT, MT Or ST, Deduct	-52.07	
For Skewed Or Sloped Connections, Add	19.65	
05 12 23 00-0331 LF W12 x 58 A992/A36 Structural Beam Or Girder	151.03	32.28
For Hot Dip Galvanizing, Add	32.35	
For High Strength Low Alloy A572-50 Steel, Add	13.59	
For High Strength Low Alloy A588 Steel, Add	30.21	
For Each Additional Top Copes >2, Add	1.17	
For Structural Tees, WT, MT Or ST, Deduct	-47.69	
For Skewed Or Sloped Connections, Add	18.12	
05 12 23 00-0332 LF W12 x 53 A992/A36 Structural Beam Or Girder	142.16	32.04
For Hot Dip Galvanizing, Add	29.95	
For High Strength Low Alloy A572-50 Steel, Add	12.79	
For High Strength Low Alloy A588 Steel, Add	28.43	
For Each Additional Top Copes >2, Add	1.08	
For Structural Tees, WT, MT Or ST, Deduct	-44.62	
For Skewed Or Sloped Connections, Add	17.06	
05 12 23 00-0333 LF W12 x 50 A992/A36 Structural Beam Or Girder	136.51	31.92
For Hot Dip Galvanizing, Add	28.45	
For High Strength Low Alloy A572-50 Steel, Add	12.29	
For High Strength Low Alloy A588 Steel, Add	27.30	
For Each Additional Top Copes >2, Add	1.03	
For Structural Tees, WT, MT Or ST, Deduct	-42.68	
For Skewed Or Sloped Connections, Add	16.38	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0334	LF		W12 x 45 A992/A36 Structural Beam Or Girder	127.64	31.67
			<i>For Hot Dip Galvanizing, Add</i>	26.06	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	11.49	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	25.53	
			<i>For Each Additional Top Copes >2, Add</i>	0.94	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-39.61	
			<i>For Skewed Or Sloped Connections, Add</i>	15.32	
05 12 23 00-0335	LF		W12 x 40 A992/A36 Structural Beam Or Girder	110.19	23.54
			<i>For Hot Dip Galvanizing, Add</i>	23.61	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.92	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	22.04	
			<i>For Each Additional Top Copes >2, Add</i>	0.85	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-34.80	
			<i>For Skewed Or Sloped Connections, Add</i>	13.22	
05 12 23 00-0336	LF		W12 x 35 A992/A36 Structural Beam Or Girder	101.32	23.42
			<i>For Hot Dip Galvanizing, Add</i>	21.21	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	9.12	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	20.26	
			<i>For Each Additional Top Copes >2, Add</i>	0.76	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-31.73	
			<i>For Skewed Or Sloped Connections, Add</i>	12.16	
05 12 23 00-0337	LF		W12 x 30 A992/A36 Structural Beam Or Girder	92.13	23.06
			<i>For Hot Dip Galvanizing, Add</i>	18.76	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.29	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	18.43	
			<i>For Each Additional Top Copes >2, Add</i>	0.68	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-28.57	
			<i>For Skewed Or Sloped Connections, Add</i>	11.06	
05 12 23 00-0338	LF		W12 x 26 A992/A36 Structural Beam Or Girder	84.86	22.82
			<i>For Hot Dip Galvanizing, Add</i>	16.81	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.64	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	16.97	
			<i>For Each Additional Top Copes >2, Add</i>	0.61	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-26.06	
			<i>For Skewed Or Sloped Connections, Add</i>	10.18	
05 12 23 00-0339	LF		W12 x 22 A992/A36 Structural Beam Or Girder	77.80	22.57
			<i>For Hot Dip Galvanizing, Add</i>	14.92	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.00	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	15.56	
			<i>For Each Additional Top Copes >2, Add</i>	0.54	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-23.63	
			<i>For Skewed Or Sloped Connections, Add</i>	9.34	
05 12 23 00-0340	LF		W12 x 19 A992/A36 Structural Beam Or Girder	72.26	22.45
			<i>For Hot Dip Galvanizing, Add</i>	13.42	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.50	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	14.45	
			<i>For Each Additional Top Copes >2, Add</i>	0.48	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-21.70	
			<i>For Skewed Or Sloped Connections, Add</i>	8.67	
05 12 23 00-0341	LF		W12 x 16 A992/A36 Structural Beam Or Girder	66.81	22.09
			<i>For Hot Dip Galvanizing, Add</i>	11.97	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.01	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	13.36	
			<i>For Each Additional Top Copes >2, Add</i>	0.43	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-19.83	
			<i>For Skewed Or Sloped Connections, Add</i>	8.02	
05 12 23 00-0342	LF		W12 x 14 A992/A36 Structural Beam Or Girder	63.27	22.09
			<i>For Hot Dip Galvanizing, Add</i>	11.03	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.69	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	12.65	
			<i>For Each Additional Top Copes >2, Add</i>	0.40	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-18.61	
			<i>For Skewed Or Sloped Connections, Add</i>	7.59	
05 12 23 00-0343	LF		W10 x 68 A992/A36 Structural Beam Or Girder	161.37	25.36
			<i>For Hot Dip Galvanizing, Add</i>	37.30	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	14.52	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	32.27	
			<i>For Each Additional Top Copes >2, Add</i>	1.34	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-52.44	
			<i>For Skewed Or Sloped Connections, Add</i>	19.36	
05 12 23 00-0344	LF		W10 x 60 A992/A36 Structural Beam Or Girder	147.03	24.88
			<i>For Hot Dip Galvanizing, Add</i>	33.46	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	13.23	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	29.41	
			<i>For Each Additional Top Copes >2, Add</i>	1.21	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-47.49	
			<i>For Skewed Or Sloped Connections, Add</i>	17.64	
05 12 23 00-0345	LF		W10 x 54 A992/A36 Structural Beam Or Girder	136.04	24.39
			<i>For Hot Dip Galvanizing, Add</i>	30.51	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	12.24	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	27.21	
			<i>For Each Additional Top Copes >2, Add</i>	1.10	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-43.70	
			<i>For Skewed Or Sloped Connections, Add</i>	16.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0346 LF W10 x 49 A992/A36 Structural Beam Or Girder	127.05	24.15
For Hot Dip Galvanizing, Add	28.12	
For High Strength Low Alloy A572-50 Steel, Add	11.43	
For High Strength Low Alloy A588 Steel, Add	25.41	
For Each Additional Top Copes >2, Add	1.01	
For Structural Tees, WT, MT Or ST, Deduct	-40.61	
For Skewed Or Sloped Connections, Add	15.25	
05 12 23 00-0347 LF W10 x 45 A992/A36 Structural Beam Or Girder	119.78	24.03
For Hot Dip Galvanizing, Add	26.17	
For High Strength Low Alloy A572-50 Steel, Add	10.78	
For High Strength Low Alloy A588 Steel, Add	23.96	
For Each Additional Top Copes >2, Add	0.94	
For Structural Tees, WT, MT Or ST, Deduct	-38.10	
For Skewed Or Sloped Connections, Add	14.37	
05 12 23 00-0348 LF W10 x 39 A992/A36 Structural Beam Or Girder	108.99	23.54
For Hot Dip Galvanizing, Add	23.27	
For High Strength Low Alloy A572-50 Steel, Add	9.81	
For High Strength Low Alloy A588 Steel, Add	21.80	
For Each Additional Top Copes >2, Add	0.84	
For Structural Tees, WT, MT Or ST, Deduct	-34.38	
For Skewed Or Sloped Connections, Add	13.08	
05 12 23 00-0349 LF W10 x 33 A992/A36 Structural Beam Or Girder	98.19	23.18
For Hot Dip Galvanizing, Add	20.38	
For High Strength Low Alloy A572-50 Steel, Add	8.84	
For High Strength Low Alloy A588 Steel, Add	19.64	
For Each Additional Top Copes >2, Add	0.73	
For Structural Tees, WT, MT Or ST, Deduct	-30.65	
For Skewed Or Sloped Connections, Add	11.78	
05 12 23 00-0350 LF W10 x 30 A992/A36 Structural Beam Or Girder	92.65	23.06
For Hot Dip Galvanizing, Add	18.88	
For High Strength Low Alloy A572-50 Steel, Add	8.34	
For High Strength Low Alloy A588 Steel, Add	18.53	
For Each Additional Top Copes >2, Add	0.68	
For Structural Tees, WT, MT Or ST, Deduct	-28.73	
For Skewed Or Sloped Connections, Add	11.12	
05 12 23 00-0351 LF W10 x 26 A992/A36 Structural Beam Or Girder	85.59	22.94
For Hot Dip Galvanizing, Add	16.98	
For High Strength Low Alloy A572-50 Steel, Add	7.70	
For High Strength Low Alloy A588 Steel, Add	17.12	
For Each Additional Top Copes >2, Add	0.61	
For Structural Tees, WT, MT Or ST, Deduct	-26.30	
For Skewed Or Sloped Connections, Add	10.27	
05 12 23 00-0352 LF W10 x 22 A992/A36 Structural Beam Or Girder	78.20	22.57
For Hot Dip Galvanizing, Add	15.03	
For High Strength Low Alloy A572-50 Steel, Add	7.04	
For High Strength Low Alloy A588 Steel, Add	15.64	
For Each Additional Top Copes >2, Add	0.54	
For Structural Tees, WT, MT Or ST, Deduct	-23.77	
For Skewed Or Sloped Connections, Add	9.38	
05 12 23 00-0353 LF W10 x 19 A992/A36 Structural Beam Or Girder	72.87	22.45
For Hot Dip Galvanizing, Add	13.59	
For High Strength Low Alloy A572-50 Steel, Add	6.56	
For High Strength Low Alloy A588 Steel, Add	14.57	
For Each Additional Top Copes >2, Add	0.49	
For Structural Tees, WT, MT Or ST, Deduct	-21.92	
For Skewed Or Sloped Connections, Add	8.74	
05 12 23 00-0354 LF W10 x 17 A992/A36 Structural Beam Or Girder	69.13	22.33
For Hot Dip Galvanizing, Add	12.58	
For High Strength Low Alloy A572-50 Steel, Add	6.22	
For High Strength Low Alloy A588 Steel, Add	13.83	
For Each Additional Top Copes >2, Add	0.45	
For Structural Tees, WT, MT Or ST, Deduct	-20.63	
For Skewed Or Sloped Connections, Add	8.30	
05 12 23 00-0355 LF W10 x 15 A992/A36 Structural Beam Or Girder	65.60	22.09
For Hot Dip Galvanizing, Add	11.64	
For High Strength Low Alloy A572-50 Steel, Add	5.90	
For High Strength Low Alloy A588 Steel, Add	13.12	
For Each Additional Top Copes >2, Add	0.42	
For Structural Tees, WT, MT Or ST, Deduct	-19.41	
For Skewed Or Sloped Connections, Add	7.87	
05 12 23 00-0356 LF W10 x 12 A992/A36 Structural Beam Or Girder	60.26	22.09
For Hot Dip Galvanizing, Add	10.19	
For High Strength Low Alloy A572-50 Steel, Add	5.42	
For High Strength Low Alloy A588 Steel, Add	12.05	
For Each Additional Top Copes >2, Add	0.37	
For Structural Tees, WT, MT Or ST, Deduct	-17.56	
For Skewed Or Sloped Connections, Add	7.23	
05 12 23 00-0357 LF W8 x 35 A992/A36 Structural Beam Or Girder	101.72	23.42
For Hot Dip Galvanizing, Add	21.32	
For High Strength Low Alloy A572-50 Steel, Add	9.15	
For High Strength Low Alloy A588 Steel, Add	20.34	
For Each Additional Top Copes >2, Add	0.77	
For Structural Tees, WT, MT Or ST, Deduct	-31.87	
For Skewed Or Sloped Connections, Add	12.21	

05 Metals

05 10 Structural Metal Framing

05 12 Structural Steel Framing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0358	LF	W8 x 31 A992/A36	Structural Beam Or Girder	94.45	23.06
			<i>For Hot Dip Galvanizing, Add</i>	19.38	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.50	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	18.89	
			<i>For Each Additional Top Copes >2, Add</i>	0.70	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.36	
			<i>For Skewed Or Sloped Connections, Add</i>	11.33	
05 12 23 00-0359	LF	W8 x 28 A992/A36	Structural Beam Or Girder	92.96	21.73
			<i>For Hot Dip Galvanizing, Add</i>	19.36	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	8.37	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	18.59	
			<i>For Each Additional Top Copes >2, Add</i>	0.70	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-29.06	
			<i>For Skewed Or Sloped Connections, Add</i>	11.16	
05 12 23 00-0360	LF	W8 x 24 A992/A36	Structural Beam Or Girder	84.60	20.39
			<i>For Hot Dip Galvanizing, Add</i>	17.45	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.61	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	16.92	
			<i>For Each Additional Top Copes >2, Add</i>	0.63	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-26.35	
			<i>For Skewed Or Sloped Connections, Add</i>	10.15	
05 12 23 00-0361	LF	W8 x 21 A992/A36	Structural Beam Or Girder	78.71	18.93
			<i>For Hot Dip Galvanizing, Add</i>	16.22	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	7.08	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	15.74	
			<i>For Each Additional Top Copes >2, Add</i>	0.58	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-24.51	
			<i>For Skewed Or Sloped Connections, Add</i>	9.45	
05 12 23 00-0362	LF	W8 x 18 A992/A36	Structural Beam Or Girder	68.57	17.59
			<i>For Hot Dip Galvanizing, Add</i>	13.81	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.17	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	13.71	
			<i>For Each Additional Top Copes >2, Add</i>	0.50	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-21.18	
			<i>For Skewed Or Sloped Connections, Add</i>	8.23	
05 12 23 00-0363	LF	W8 x 10 A992/A36	Structural Beam Or Girder	37.95	12.63
			<i>For Hot Dip Galvanizing, Add</i>	6.83	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.42	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	7.59	
			<i>For Each Additional Top Copes >2, Add</i>	0.25	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-11.28	
			<i>For Skewed Or Sloped Connections, Add</i>	4.55	
05 12 23 00-0364	LF	W6 x 9 A992/A36	Structural Beam Or Girder	35.20	10.31
			<i>For Hot Dip Galvanizing, Add</i>	6.74	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.17	
			<i>For High Strength Low Alloy A588 Steel, Add</i>	7.04	
			<i>For Each Additional Top Copes >2, Add</i>	0.24	
			<i>For Structural Tees, WT, MT Or ST, Deduct</i>	-10.68	
			<i>For Skewed Or Sloped Connections, Add</i>	4.22	
05 12 23 00-0365			A992/A36 Structural Steel, M Shapes (05 12 23 00-0147)		
			Note: Includes material delivery and erection.		
05 12 23 00-0366	LF	M14 x 18 A992/A36	Structural Steel	67.65	16.07
			<i>For Hot Dip Galvanizing, Add</i>	14.02	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.09	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	13.53	
05 12 23 00-0367	LF	M12 x 11.8 A992/A36	Structural Steel	48.27	14.21
			<i>For Hot Dip Galvanizing, Add</i>	9.19	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	4.34	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	9.65	
05 12 23 00-0368	LF	M10 x 9 A992/A36	Structural Steel	37.42	11.41
			<i>For Hot Dip Galvanizing, Add</i>	7.01	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	3.37	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	7.48	
05 12 23 00-0369	LF	M8 x 6.5 A992/A36	Structural Steel	27.03	8.23
			<i>For Hot Dip Galvanizing, Add</i>	5.06	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	2.43	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	5.41	
05 12 23 00-0370	LF	M6 x 20 A992/A36	Structural Steel	76.76	19.53
			<i>For Hot Dip Galvanizing, Add</i>	15.58	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.91	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	15.35	
05 12 23 00-0371	LF	M6 x 4.4 A992/A36	Structural Steel	18.28	5.57
			<i>For Hot Dip Galvanizing, Add</i>	3.42	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	1.65	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	3.66	
05 12 23 00-0372	LF	M5 x 18.9 A992/A36	Structural Steel	73.84	19.53
			<i>For Hot Dip Galvanizing, Add</i>	14.70	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	6.65	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	14.77	
05 12 23 00-0373	LF	M4 x 13 A992/A36	Structural Steel	60.32	19.17
			<i>For Hot Dip Galvanizing, Add</i>	11.08	
			<i>For High Strength Low Alloy A572-50 Steel, Add</i>	5.43	
			<i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	12.06	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23	00-0374			A992/A36 Structural Steel, S Shapes <small>(05 12 23 00-0147)</small>		
				Note: Includes material delivery and erection.		
05 12 23	00-0375	LF		S24 x 121 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	408.49 89.28 36.76 81.70	81.38
05 12 23	00-0376	LF		S24 x 106 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	361.85 78.21 32.57 72.37	75.05
05 12 23	00-0377	LF		S24 x 100 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	345.34 73.78 31.08 69.07	74.52
05 12 23	00-0378	LF		S24 x 90 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	314.57 66.41 28.31 62.91	70.60
05 12 23	00-0379	LF		S24 x 80 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	283.13 59.03 25.48 56.63	66.07
05 12 23	00-0380	LF		S20 x 96 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	331.53 70.83 29.84 66.31	71.54
05 12 23	00-0381	LF		S20 x 86 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	300.59 63.45 27.05 60.12	67.47
05 12 23	00-0382	LF		S20 x 75 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	265.44 55.34 23.89 53.09	61.94
05 12 23	00-0383	LF		S20 x 66 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	236.65 48.70 21.30 47.33	57.36
05 12 23	00-0384	LF		S18 x 70 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	250.99 51.65 22.59 50.20	60.85
05 12 23	00-0385	LF		S18 x 54.7 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	198.80 40.36 17.89 39.76	50.04
05 12 23	00-0386	LF		S15 x 50 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	184.28 36.89 16.59 36.86	48.15
05 12 23	00-0387	LF		S15 x 42.9 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	160.44 31.65 14.44 32.09	43.49
05 12 23	00-0388	LF		S12 x 50 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	181.72 36.89 16.35 36.34	45.75
05 12 23	00-0389	LF		S12 x 40.8 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	150.37 30.10 13.53 30.07	39.30
05 12 23	00-0390	LF		S12 x 35 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	130.88 25.82 11.78 26.18	35.48
05 12 23	00-0391	LF		S12 x 31.8 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	120.74 23.46 10.87 24.15	33.93
05 12 23	00-0392	LF		S10 x 35 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	132.89 25.82 11.96 26.58	37.36
05 12 23	00-0393	LF		S10 x 25.4 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	97.96 18.74 8.82 19.59	28.53
05 12 23	00-0394	LF		S8 x 23 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	88.70 16.97 7.98 17.74	25.83
05 12 23	00-0395	LF		S8 x 18.4 A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	72.12 13.58 6.49 14.42	21.76

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0396	LF	S7 x 20	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	78.39 14.76 7.06 15.68	23.65
05 12 23 00-0397	LF	S7 x 15.3	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	60.99 11.29 5.49 12.20	19.05
05 12 23 00-0398	LF	S6 x 17.25	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	67.72 12.73 6.09 13.54	20.49
05 12 23 00-0399	LF	S6 x 12.5	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	57.89 10.44 5.21 11.58	18.93
05 12 23 00-0400	LF	S5 x 14.75	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	61.76 11.45 5.56 12.35	19.29
05 12 23 00-0401	LF	S5 x 10	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	52.16 8.88 4.69 10.43	18.81
05 12 23 00-0402	LF	S4 x 9.5	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	50.67 8.47 4.56 10.13	18.81
05 12 23 00-0403	LF	S4 x 7.7	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	47.25 7.55 4.25 9.45	18.81
05 12 23 00-0404	LF	S3 x 7.5	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	46.92 7.46 4.22 9.38	18.81
05 12 23 00-0405	LF	S3 x 5.7	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	42.84 6.36 3.86 8.57	18.69
05 12 23 00-0406			A992/A36 Structural Steel, HP Shapes <small>(05 12 23 00-0147)</small>		
			Note: Includes material delivery and erection.		
05 12 23 00-0407	LF	HP14 x 117	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	254.20 63.41 22.88 50.84	24.11
05 12 23 00-0408	LF	HP14 x 102	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	222.30 55.05 20.01 44.46	22.43
05 12 23 00-0409	LF	HP14 x 89	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	197.95 48.71 17.82 39.59	21.04
05 12 23 00-0410	LF	HP14 x 73	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	163.65 39.55 14.73 32.73	19.83
05 12 23 00-0411	LF	HP13 x 100	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	217.95 53.97 19.62 43.59	22.00
05 12 23 00-0412	LF	HP13 x 87	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	193.51 47.61 17.42 38.70	20.58
05 12 23 00-0413	LF	HP13 x 73	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	163.65 39.55 14.73 32.73	19.83
05 12 23 00-0414	LF	HP13 x 60	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	138.44 32.79 12.46 27.69	19.01
05 12 23 00-0415	LF	HP12 x 84	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	182.33 44.18 16.41 36.47	21.70
05 12 23 00-0416	LF	HP12 x 74	A992/A36 Structural Steel <i>For Hot Dip Galvanizing, Add</i> <i>For High Strength Low Alloy A572-50 Steel, Add</i> <i>For High Strength Low Alloy A588 Grade B Steel, Add</i>	160.96 38.61 14.49 32.19	20.46

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0417 LF HP12 x 63 A992/A36 Structural Steel	138.44	18.81
For Hot Dip Galvanizing, Add	32.85	
For High Strength Low Alloy A572-50 Steel, Add	12.46	
For High Strength Low Alloy A588 Grade B Steel, Add	27.69	
05 12 23 00-0418 LF HP12 x 53 A992/A36 Structural Steel	126.87	17.89
For Hot Dip Galvanizing, Add	29.91	
For High Strength Low Alloy A572-50 Steel, Add	11.42	
For High Strength Low Alloy A588 Grade B Steel, Add	25.37	
05 12 23 00-0419 LF HP10 x 57 A992/A36 Structural Steel	133.70	18.36
For Hot Dip Galvanizing, Add	31.67	
For High Strength Low Alloy A572-50 Steel, Add	12.03	
For High Strength Low Alloy A588 Grade B Steel, Add	26.74	
05 12 23 00-0420 LF HP10 x 42 A992/A36 Structural Steel	109.99	17.21
For Hot Dip Galvanizing, Add	25.43	
For High Strength Low Alloy A572-50 Steel, Add	9.90	
For High Strength Low Alloy A588 Grade B Steel, Add	22.00	
05 12 23 00-0421 LF HP8 x 36 A992/A36 Structural Steel	95.50	16.22
For Hot Dip Galvanizing, Add	21.70	
For High Strength Low Alloy A572-50 Steel, Add	8.60	
For High Strength Low Alloy A588 Grade B Steel, Add	19.10	
 05 12 23 00-0422 Lightweight Framing Steel Shapes <small>(05 12 23)</small>		
Note: Includes cutting to length. Excludes fasteners or welds. When used with structural steel shapes by TON, connecting bolts or welds are considered included with structural steel tasks by TON.		
 05 12 23 00-0423 Angle Iron - L <small>(05 12 23 00-0422)</small>		
 05 12 23 00-0424 1/8" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0425 LF 1/2" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	2.78	1.64
For >100 To 250, Deduct	-0.17	
For >250 To 500, Deduct	-0.23	
For >500 To 1,000, Deduct	-0.36	
For >1,000, Deduct	-0.48	
For Galvanized Steel, Add	0.36	
For 304 Stainless Steel, Add	1.65	
For High Strength Steel (HSS), Add	0.56	
05 12 23 00-0426 LF 3/4" x 1/2" x 1/8" Thick, Plain Steel Angle Iron	3.22	1.86
For >100 To 250, Deduct	-0.19	
For >250 To 500, Deduct	-0.27	
For >500 To 1,000, Deduct	-0.41	
For >1,000, Deduct	-0.55	
For Galvanized Steel, Add	0.45	
For 304 Stainless Steel, Add	2.08	
For High Strength Steel (HSS), Add	0.64	
05 12 23 00-0427 LF 3/4" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	3.64	2.06
For >100 To 250, Deduct	-0.21	
For >250 To 500, Deduct	-0.30	
For >500 To 1,000, Deduct	-0.46	
For >1,000, Deduct	-0.62	
For Galvanized Steel, Add	0.56	
For 304 Stainless Steel, Add	2.57	
For High Strength Steel (HSS), Add	0.73	
05 12 23 00-0428 LF 1" x 3/4" x 1/8" Thick, Plain Steel Angle Iron	4.10	2.29
For >100 To 250, Deduct	-0.23	
For >250 To 500, Deduct	-0.33	
For >500 To 1,000, Deduct	-0.51	
For >1,000, Deduct	-0.69	
For Galvanized Steel, Add	0.65	
For 304 Stainless Steel, Add	2.99	
For High Strength Steel (HSS), Add	0.82	
05 12 23 00-0429 LF 1" x 1" x 1/8" Thick, Plain Steel Angle Iron	4.52	2.47
For >100 To 250, Deduct	-0.25	
For >250 To 500, Deduct	-0.36	
For >500 To 1,000, Deduct	-0.56	
For >1,000, Deduct	-0.75	
For Galvanized Steel, Add	0.76	
For 304 Stainless Steel, Add	3.48	
For High Strength Steel (HSS), Add	0.90	
05 12 23 00-0430 LF 1-1/4" x 1-1/4" x 1/8" Thick, Plain Steel Angle Iron	5.43	2.91
For >100 To 250, Deduct	-0.29	
For >250 To 500, Deduct	-0.43	
For >500 To 1,000, Deduct	-0.66	
For >1,000, Deduct	-0.89	
For Galvanized Steel, Add	0.96	
For 304 Stainless Steel, Add	4.42	
For High Strength Steel (HSS), Add	1.09	
05 12 23 00-0431 LF 1-1/2" x 1" x 1/8" Thick, Plain Steel Angle Iron	5.43	2.91
For >100 To 250, Deduct	-0.29	
For >250 To 500, Deduct	-0.43	
For >500 To 1,000, Deduct	-0.66	
For >1,000, Deduct	-0.89	
For Galvanized Steel, Add	0.96	
For 304 Stainless Steel, Add	4.42	
For High Strength Steel (HSS), Add	1.09	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0432	LF		1-1/2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.02	3.12
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.46	
			<i>For >500 To 1,000, Deduct</i>	-0.72	
			<i>For >1,000, Deduct</i>	-0.97	
			<i>For Galvanized Steel, Add</i>	1.15	
			<i>For 304 Stainless Steel, Add</i>	5.30	
			<i>For High Strength Steel (HSS), Add</i>	1.20	
05 12 23 00-0433	LF		1-3/4" x 1-3/4" x 1/8" Thick, Plain Steel Angle Iron	6.52	3.23
			<i>For >100 To 250, Deduct</i>	-0.32	
			<i>For >250 To 500, Deduct</i>	-0.49	
			<i>For >500 To 1,000, Deduct</i>	-0.76	
			<i>For >1,000, Deduct</i>	-1.03	
			<i>For 316 Stainless Steel, Add</i>	7.07	
			<i>For Aluminum, Add</i>	0.40	
			<i>For Galvanized Steel, Add</i>	1.37	
			<i>For 304 Stainless Steel, Add</i>	6.30	
			<i>For High Strength Steel (HSS), Add</i>	1.30	
05 12 23 00-0434	LF		2" x 1-1/2" x 1/8" Thick, Plain Steel Angle Iron	6.52	3.23
			<i>For >100 To 250, Deduct</i>	-0.32	
			<i>For >250 To 500, Deduct</i>	-0.49	
			<i>For >500 To 1,000, Deduct</i>	-0.76	
			<i>For >1,000, Deduct</i>	-1.03	
			<i>For 316 Stainless Steel, Add</i>	7.07	
			<i>For Aluminum, Add</i>	0.40	
			<i>For Galvanized Steel, Add</i>	1.37	
			<i>For 304 Stainless Steel, Add</i>	6.30	
			<i>For High Strength Steel (HSS), Add</i>	1.30	
05 12 23 00-0435	LF		2" x 2" x 1/8" Thick, Plain Steel Angle Iron.....	6.98	3.34
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.51	
			<i>For >500 To 1,000, Deduct</i>	-0.79	
			<i>For >1,000, Deduct</i>	-1.08	
			<i>For Galvanized Steel, Add</i>	1.57	
			<i>For 304 Stainless Steel, Add</i>	7.21	
			<i>For High Strength Steel (HSS), Add</i>	1.40	
05 12 23 00-0436			3/16" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0437	LF		1" x 1" x 3/16" Thick, Plain Steel Angle Iron.....	5.26	2.61
			<i>For >100 To 250, Deduct</i>	-0.26	
			<i>For >250 To 500, Deduct</i>	-0.39	
			<i>For >500 To 1,000, Deduct</i>	-0.61	
			<i>For >1,000, Deduct</i>	-0.83	
			<i>For 316 Stainless Steel, Add</i>	5.70	
			<i>For Aluminum, Add</i>	0.32	
			<i>For Galvanized Steel, Add</i>	1.10	
			<i>For 304 Stainless Steel, Add</i>	5.07	
			<i>For High Strength Steel (HSS), Add</i>	1.05	
05 12 23 00-0438	LF		1-1/4" x 1-1/4" x 3/16" Thick, Plain Steel Angle Iron	6.37	3.07
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.47	
			<i>For >500 To 1,000, Deduct</i>	-0.73	
			<i>For >1,000, Deduct</i>	-0.99	
			<i>For Galvanized Steel, Add</i>	1.41	
			<i>For 304 Stainless Steel, Add</i>	6.47	
			<i>For High Strength Steel (HSS), Add</i>	1.27	
05 12 23 00-0439	LF		1-1/2" x 1" x 3/16" Thick, Plain Steel Angle Iron	6.37	3.07
			<i>For >100 To 250, Deduct</i>	-0.31	
			<i>For >250 To 500, Deduct</i>	-0.47	
			<i>For >500 To 1,000, Deduct</i>	-0.73	
			<i>For >1,000, Deduct</i>	-0.99	
			<i>For Galvanized Steel, Add</i>	1.41	
			<i>For 304 Stainless Steel, Add</i>	6.47	
			<i>For High Strength Steel (HSS), Add</i>	1.27	
05 12 23 00-0440	LF		1-1/2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.15	3.30
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.51	
			<i>For >500 To 1,000, Deduct</i>	-0.80	
			<i>For >1,000, Deduct</i>	-1.09	
			<i>For Galvanized Steel, Add</i>	1.71	
			<i>For 304 Stainless Steel, Add</i>	7.87	
			<i>For High Strength Steel (HSS), Add</i>	1.43	
05 12 23 00-0441	LF		1-3/4" x 1-3/4" x 3/16" Thick, Plain Steel Angle Iron	7.80	3.41
			<i>For >100 To 250, Deduct</i>	-0.34	
			<i>For >250 To 500, Deduct</i>	-0.54	
			<i>For >500 To 1,000, Deduct</i>	-0.85	
			<i>For >1,000, Deduct</i>	-1.15	
			<i>For 316 Stainless Steel, Add</i>	10.40	
			<i>For Aluminum, Add</i>	0.59	
			<i>For Galvanized Steel, Add</i>	2.02	
			<i>For 304 Stainless Steel, Add</i>	9.26	
			<i>For High Strength Steel (HSS), Add</i>	1.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0442 LF 2" x 1-1/2" x 3/16" Thick, Plain Steel Angle Iron	7.80	3.42
For >100 To 250, Deduct	-0.34	
For >250 To 500, Deduct	-0.54	
For >500 To 1,000, Deduct	-0.85	
For >1,000, Deduct	-1.15	
For 316 Stainless Steel, Add	10.40	
For Aluminum, Add	0.59	
For Galvanized Steel, Add	2.02	
For 304 Stainless Steel, Add	9.26	
For High Strength Steel (HSS), Add	1.56	
05 12 23 00-0443 LF 2" x 2" x 3/16" Thick, Plain Steel Angle Iron	8.46	3.53
For >100 To 250, Deduct	-0.35	
For >250 To 500, Deduct	-0.56	
For >500 To 1,000, Deduct	-0.89	
For >1,000, Deduct	-1.22	
For Galvanized Steel, Add	2.33	
For 304 Stainless Steel, Add	10.69	
For High Strength Steel (HSS), Add	1.69	
05 12 23 00-0444 LF 2-1/2" x 2" x 3/16" Thick, Plain Steel Angle Iron	9.26	3.78
For >100 To 250, Deduct	-0.38	
For >250 To 500, Deduct	-0.61	
For >500 To 1,000, Deduct	-0.97	
For >1,000, Deduct	-1.32	
For Galvanized Steel, Add	2.62	
For 304 Stainless Steel, Add	12.03	
For High Strength Steel (HSS), Add	1.85	
05 12 23 00-0445 LF 2-1/2" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	10.13	4.05
For >100 To 250, Deduct	-0.41	
For >250 To 500, Deduct	-0.66	
For >500 To 1,000, Deduct	-1.05	
For >1,000, Deduct	-1.43	
For Galvanized Steel, Add	2.93	
For 304 Stainless Steel, Add	13.48	
For High Strength Steel (HSS), Add	2.03	
05 12 23 00-0446 LF 3" x 2" x 3/16" Thick, Plain Steel Angle Iron	10.11	4.05
For >100 To 250, Deduct	-0.41	
For >250 To 500, Deduct	-0.66	
For >500 To 1,000, Deduct	-1.05	
For >1,000, Deduct	-1.43	
For Galvanized Steel, Add	2.92	
For 304 Stainless Steel, Add	13.42	
For High Strength Steel (HSS), Add	2.02	
05 12 23 00-0447 LF 3" x 2-1/2" x 3/16" Thick, Plain Steel Angle Iron	11.17	4.47
For >100 To 250, Deduct	-0.45	
For >250 To 500, Deduct	-0.73	
For >500 To 1,000, Deduct	-1.16	
For >1,000, Deduct	-1.58	
For Galvanized Steel, Add	3.22	
For 304 Stainless Steel, Add	14.82	
For High Strength Steel (HSS), Add	2.23	
05 12 23 00-0448 LF 3" x 3" x 3/16" Thick, Plain Steel Angle Iron	12.22	4.90
For >100 To 250, Deduct	-0.49	
For >250 To 500, Deduct	-0.80	
For >500 To 1,000, Deduct	-1.26	
For >1,000, Deduct	-1.73	
For Galvanized Steel, Add	3.53	
For 304 Stainless Steel, Add	16.22	
For High Strength Steel (HSS), Add	2.44	
05 12 23 00-0449 1/4" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0450 LF 1" x 1" x 1/4" Thick, Plain Steel Angle Iron	6.29	3.02
For >100 To 250, Deduct	-0.30	
For >250 To 500, Deduct	-0.46	
For >500 To 1,000, Deduct	-0.72	
For >1,000, Deduct	-0.98	
For 316 Stainless Steel, Add	7.23	
For Aluminum, Add	0.41	
For Galvanized Steel, Add	1.40	
For 304 Stainless Steel, Add	6.44	
For High Strength Steel (HSS), Add	1.26	
05 12 23 00-0451 LF 1-1/4" x 1-1/4" x 1/4" Thick, Plain Steel Angle Iron	7.25	3.24
For >100 To 250, Deduct	-0.32	
For >250 To 500, Deduct	-0.51	
For >500 To 1,000, Deduct	-0.80	
For >1,000, Deduct	-1.09	
For 316 Stainless Steel, Add	9.34	
For Aluminum, Add	0.53	
For Galvanized Steel, Add	1.81	
For 304 Stainless Steel, Add	8.32	
For High Strength Steel (HSS), Add	1.45	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0452	LF		1-1/2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.24	3.24
			<i>For >100 To 250, Deduct</i>	-0.32	
			<i>For >250 To 500, Deduct</i>	-0.51	
			<i>For >500 To 1,000, Deduct</i>	-0.80	
			<i>For >1,000, Deduct</i>	-1.08	
			<i>For Galvanized Steel, Add</i>	1.80	
			<i>For 304 Stainless Steel, Add</i>	8.29	
			<i>For High Strength Steel (HSS), Add</i>	1.45	
05 12 23 00-0453	LF		1-1/2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	8.19	3.48
			<i>For >100 To 250, Deduct</i>	-0.35	
			<i>For >250 To 500, Deduct</i>	-0.55	
			<i>For >500 To 1,000, Deduct</i>	-0.87	
			<i>For >1,000, Deduct</i>	-1.19	
			<i>For Galvanized Steel, Add</i>	2.20	
			<i>For 304 Stainless Steel, Add</i>	10.12	
			<i>For High Strength Steel (HSS), Add</i>	1.64	
05 12 23 00-0454	LF		1-3/4" x 1-3/4" x 1/4" Thick, Plain Steel Angle Iron	9.05	3.59
			<i>For >100 To 250, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500 To 1,000, Deduct</i>	-0.93	
			<i>For >1,000, Deduct</i>	-1.28	
			<i>For 316 Stainless Steel, Add</i>	13.63	
			<i>For Aluminum, Add</i>	0.77	
			<i>For Galvanized Steel, Add</i>	2.64	
			<i>For 304 Stainless Steel, Add</i>	12.14	
			<i>For High Strength Steel (HSS), Add</i>	1.81	
05 12 23 00-0455	LF		2" x 1" x 1/4" Thick, Plain Steel Angle Iron	7.99	3.37
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.53	
			<i>For >500 To 1,000, Deduct</i>	-0.84	
			<i>For >1,000, Deduct</i>	-1.15	
			<i>For 316 Stainless Steel, Add</i>	11.46	
			<i>For Aluminum, Add</i>	0.64	
			<i>For Galvanized Steel, Add</i>	2.22	
			<i>For 304 Stainless Steel, Add</i>	10.20	
			<i>For High Strength Steel (HSS), Add</i>	1.60	
05 12 23 00-0456	LF		2" x 1-1/2" x 1/4" Thick, Plain Steel Angle Iron	9.03	3.59
			<i>For >100 To 250, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-0.59	
			<i>For >500 To 1,000, Deduct</i>	-0.93	
			<i>For >1,000, Deduct</i>	-1.28	
			<i>For 316 Stainless Steel, Add</i>	13.57	
			<i>For Aluminum, Add</i>	0.76	
			<i>For Galvanized Steel, Add</i>	2.63	
			<i>For 304 Stainless Steel, Add</i>	12.08	
			<i>For High Strength Steel (HSS), Add</i>	1.81	
05 12 23 00-0457	LF		2" x 2" x 1/4" Thick, Plain Steel Angle Iron	9.83	3.71
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.62	
			<i>For >500 To 1,000, Deduct</i>	-0.99	
			<i>For >1,000, Deduct</i>	-1.35	
			<i>For Galvanized Steel, Add</i>	3.03	
			<i>For 304 Stainless Steel, Add</i>	13.94	
			<i>For High Strength Steel (HSS), Add</i>	1.97	
05 12 23 00-0458	LF		2-1/2" x 2" x 1/4" Thick, Plain Steel Angle Iron	11.03	4.10
			<i>For >100 To 250, Deduct</i>	-0.41	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500 To 1,000, Deduct</i>	-1.10	
			<i>For >1,000, Deduct</i>	-1.51	
			<i>For Galvanized Steel, Add</i>	3.45	
			<i>For 304 Stainless Steel, Add</i>	15.85	
			<i>For High Strength Steel (HSS), Add</i>	2.21	
05 12 23 00-0459	LF		2-1/2" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	12.28	4.50
			<i>For >100 To 250, Deduct</i>	-0.45	
			<i>For >250 To 500, Deduct</i>	-0.76	
			<i>For >500 To 1,000, Deduct</i>	-1.21	
			<i>For >1,000, Deduct</i>	-1.67	
			<i>For Galvanized Steel, Add</i>	3.89	
			<i>For 304 Stainless Steel, Add</i>	17.90	
			<i>For High Strength Steel (HSS), Add</i>	2.46	
05 12 23 00-0460	LF		3" x 2" x 1/4" Thick, Plain Steel Angle Iron	12.28	4.50
			<i>For >100 To 250, Deduct</i>	-0.45	
			<i>For >250 To 500, Deduct</i>	-0.76	
			<i>For >500 To 1,000, Deduct</i>	-1.21	
			<i>For >1,000, Deduct</i>	-1.67	
			<i>For Galvanized Steel, Add</i>	3.89	
			<i>For 304 Stainless Steel, Add</i>	17.90	
			<i>For High Strength Steel (HSS), Add</i>	2.46	
05 12 23 00-0461	LF		3" x 2-1/2" x 1/4" Thick, Plain Steel Angle Iron	13.57	5.00
			<i>For >100 To 250, Deduct</i>	-0.50	
			<i>For >250 To 500, Deduct</i>	-0.84	
			<i>For >500 To 1,000, Deduct</i>	-1.34	
			<i>For >1,000, Deduct</i>	-1.85	
			<i>For Galvanized Steel, Add</i>	4.28	
			<i>For 304 Stainless Steel, Add</i>	19.69	
			<i>For High Strength Steel (HSS), Add</i>	2.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0462 LF 3" x 3" x 1/4" Thick, Plain Steel Angle Iron	14.82	5.49
For >100 To 250, Deduct	-0.55	
For >250 To 500, Deduct	-0.92	
For >500 To 1,000, Deduct	-1.47	
For >1,000, Deduct	-2.03	
For Galvanized Steel, Add	4.65	
For 304 Stainless Steel, Add	21.38	
For High Strength Steel (HSS), Add	2.96	
05 12 23 00-0463 LF 3-1/2" x 3" x 1/4" Thick, Plain Steel Angle Iron	16.14	5.91
For >100 To 250, Deduct	-0.59	
For >250 To 500, Deduct	-0.99	
For >500 To 1,000, Deduct	-1.59	
For >1,000, Deduct	-2.19	
For Galvanized Steel, Add	5.13	
For 304 Stainless Steel, Add	23.57	
For High Strength Steel (HSS), Add	3.23	
05 12 23 00-0464 LF 3-1/2" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	17.12	0.61
For >100 To 250, Deduct	-0.62	
For >250 To 500, Deduct	-1.04	
For >500 To 1,000, Deduct	-1.68	
For >1,000, Deduct	-2.31	
For Galvanized Steel, Add	5.52	
For 304 Stainless Steel, Add	25.37	
For High Strength Steel (HSS), Add	3.42	
05 12 23 00-0465 LF 4" x 3" x 1/4" Thick, Plain Steel Angle Iron	17.12	6.17
For >100 To 250, Deduct	-0.62	
For >250 To 500, Deduct	-1.04	
For >500 To 1,000, Deduct	-1.68	
For >1,000, Deduct	-2.31	
For Galvanized Steel, Add	5.52	
For 304 Stainless Steel, Add	25.37	
For High Strength Steel (HSS), Add	3.42	
05 12 23 00-0466 LF 4" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	18.06	6.42
For >100 To 250, Deduct	-0.64	
For >250 To 500, Deduct	-1.09	
For >500 To 1,000, Deduct	-1.76	
For >1,000, Deduct	-2.43	
For Galvanized Steel, Add	5.88	
For 304 Stainless Steel, Add	27.05	
For High Strength Steel (HSS), Add	3.61	
05 12 23 00-0467 LF 4" x 4" x 1/4" Thick, Plain Steel Angle Iron	19.06	6.69
For >100 To 250, Deduct	-0.67	
For >250 To 500, Deduct	-1.15	
For >500 To 1,000, Deduct	-1.85	
For >1,000, Deduct	-2.55	
For Galvanized Steel, Add	6.28	
For 304 Stainless Steel, Add	28.87	
For High Strength Steel (HSS), Add	3.81	
05 12 23 00-0468 LF 5" x 3" x 1/4" Thick, Plain Steel Angle Iron	19.06	6.69
For >100 To 250, Deduct	-0.67	
For >250 To 500, Deduct	-1.15	
For >500 To 1,000, Deduct	-1.85	
For >1,000, Deduct	-2.55	
For Galvanized Steel, Add	6.28	
For 304 Stainless Steel, Add	28.87	
For High Strength Steel (HSS), Add	3.81	
05 12 23 00-0469 LF 5" x 3-1/2" x 1/4" Thick, Plain Steel Angle Iron	20.13	7.05
For >100 To 250, Deduct	-0.71	
For >250 To 500, Deduct	-1.21	
For >500 To 1,000, Deduct	-1.95	
For >1,000, Deduct	-2.69	
For Galvanized Steel, Add	6.65	
For 304 Stainless Steel, Add	30.55	
For High Strength Steel (HSS), Add	4.03	
05 12 23 00-0470 5/16" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0471 LF 2-1/2" x 2" x 5/16" Thick, Plain Steel Angle Iron	13.27	4.77
For >100 To 250, Deduct	-0.48	
For >250 To 500, Deduct	-0.81	
For >500 To 1,000, Deduct	-1.30	
For >1,000, Deduct	-1.79	
For Galvanized Steel, Add	4.28	
For 304 Stainless Steel, Add	19.69	
For High Strength Steel (HSS), Add	2.65	
05 12 23 00-0472 LF 2-1/2" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	14.41	5.06
For >100 To 250, Deduct	-0.51	
For >250 To 500, Deduct	-0.87	
For >500 To 1,000, Deduct	-1.39	
For >1,000, Deduct	-1.92	
For Galvanized Steel, Add	4.76	
For 304 Stainless Steel, Add	21.86	
For High Strength Steel (HSS), Add	2.88	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0473	LF		3" x 2" x 5/16" Thick, Plain Steel Angle Iron.....	14.41	5.06
			<i>For >100 To 250, Deduct</i>	-0.51	
			<i>For >250 To 500, Deduct</i>	-0.87	
			<i>For >500 To 1,000, Deduct</i>	-1.39	
			<i>For >1,000, Deduct</i>	-1.92	
			<i>For Galvanized Steel, Add</i>	4.76	
			<i>For 304 Stainless Steel, Add</i>	21.86	
			<i>For High Strength Steel (HSS), Add</i>	2.88	
05 12 23 00-0474	LF		3" x 2-1/2" x 5/16" Thick, Plain Steel Angle Iron	16.00	5.54
			<i>For >100 To 250, Deduct</i>	-0.56	
			<i>For >250 To 500, Deduct</i>	-0.96	
			<i>For >500 To 1,000, Deduct</i>	-1.54	
			<i>For >1,000, Deduct</i>	-2.13	
			<i>For Galvanized Steel, Add</i>	5.33	
			<i>For 304 Stainless Steel, Add</i>	24.51	
			<i>For High Strength Steel (HSS), Add</i>	3.20	
05 12 23 00-0475	LF		3" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	17.40	6.03
			<i>For >100 To 250, Deduct</i>	-0.60	
			<i>For >250 To 500, Deduct</i>	-1.04	
			<i>For >500 To 1,000, Deduct</i>	-1.67	
			<i>For >1,000, Deduct</i>	-2.31	
			<i>For Galvanized Steel, Add</i>	5.80	
			<i>For 304 Stainless Steel, Add</i>	26.68	
			<i>For High Strength Steel (HSS), Add</i>	3.48	
05 12 23 00-0476	LF		3-1/2" x 3" x 5/16" Thick, Plain Steel Angle Iron	18.57	6.33
			<i>For >100 To 250, Deduct</i>	-0.63	
			<i>For >250 To 500, Deduct</i>	-1.10	
			<i>For >500 To 1,000, Deduct</i>	-1.77	
			<i>For >1,000, Deduct</i>	-2.45	
			<i>For Galvanized Steel, Add</i>	6.28	
			<i>For 304 Stainless Steel, Add</i>	28.87	
			<i>For High Strength Steel (HSS), Add</i>	3.71	
05 12 23 00-0477	LF		3-1/2" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	19.88	6.64
			<i>For >100 To 250, Deduct</i>	-0.66	
			<i>For >250 To 500, Deduct</i>	-1.16	
			<i>For >500 To 1,000, Deduct</i>	-1.88	
			<i>For >1,000, Deduct</i>	-2.60	
			<i>For Galvanized Steel, Add</i>	6.83	
			<i>For 304 Stainless Steel, Add</i>	31.41	
			<i>For High Strength Steel (HSS), Add</i>	3.98	
05 12 23 00-0478	LF		4" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	19.88	6.64
			<i>For >100 To 250, Deduct</i>	-0.66	
			<i>For >250 To 500, Deduct</i>	-1.16	
			<i>For >500 To 1,000, Deduct</i>	-1.88	
			<i>For >1,000, Deduct</i>	-2.60	
			<i>For Galvanized Steel, Add</i>	6.83	
			<i>For 304 Stainless Steel, Add</i>	31.41	
			<i>For High Strength Steel (HSS), Add</i>	3.98	
05 12 23 00-0479	LF		4" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	21.16	7.02
			<i>For >100 To 250, Deduct</i>	-0.70	
			<i>For >250 To 500, Deduct</i>	-1.23	
			<i>For >500 To 1,000, Deduct</i>	-2.00	
			<i>For >1,000, Deduct</i>	-2.76	
			<i>For Galvanized Steel, Add</i>	7.31	
			<i>For 304 Stainless Steel, Add</i>	33.60	
			<i>For High Strength Steel (HSS), Add</i>	4.23	
05 12 23 00-0480	LF		4" x 4" x 5/16" Thick, Plain Steel Angle Iron.....	22.38	7.34
			<i>For >100 To 250, Deduct</i>	-0.73	
			<i>For >250 To 500, Deduct</i>	-1.29	
			<i>For >500 To 1,000, Deduct</i>	-2.10	
			<i>For >1,000, Deduct</i>	-2.90	
			<i>For Galvanized Steel, Add</i>	7.81	
			<i>For 304 Stainless Steel, Add</i>	35.88	
			<i>For High Strength Steel (HSS), Add</i>	4.48	
05 12 23 00-0481	LF		5" x 3" x 5/16" Thick, Plain Steel Angle Iron.....	22.38	7.34
			<i>For >100 To 250, Deduct</i>	-0.73	
			<i>For >250 To 500, Deduct</i>	-1.29	
			<i>For >500 To 1,000, Deduct</i>	-2.10	
			<i>For >1,000, Deduct</i>	-2.90	
			<i>For Galvanized Steel, Add</i>	7.81	
			<i>For 304 Stainless Steel, Add</i>	35.88	
			<i>For High Strength Steel (HSS), Add</i>	4.48	
05 12 23 00-0482	LF		5" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	23.51	7.65
			<i>For >100 To 250, Deduct</i>	-0.76	
			<i>For >250 To 500, Deduct</i>	-1.35	
			<i>For >500 To 1,000, Deduct</i>	-2.19	
			<i>For >1,000, Deduct</i>	-3.04	
			<i>For Galvanized Steel, Add</i>	8.26	
			<i>For 304 Stainless Steel, Add</i>	37.96	
			<i>For High Strength Steel (HSS), Add</i>	4.70	
05 12 23 00-0483	LF		5" x 5" x 5/16" Thick, Plain Steel Angle Iron.....	26.43	7.97
			<i>For >100 To 250, Deduct</i>	-0.80	
			<i>For >250 To 500, Deduct</i>	-1.46	
			<i>For >500 To 1,000, Deduct</i>	-2.38	
			<i>For >1,000, Deduct</i>	-3.31	
			<i>For Galvanized Steel, Add</i>	9.80	
			<i>For 304 Stainless Steel, Add</i>	45.06	
			<i>For High Strength Steel (HSS), Add</i>	5.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0484 LF 6" x 3-1/2" x 5/16" Thick, Plain Steel Angle Iron	26.07	8.30
For >100 To 250, Deduct	-0.83	
For >250 To 500, Deduct	-1.48	
For >500 To 1,000, Deduct	-2.41	
For >1,000, Deduct	-3.34	
For Galvanized Steel, Add	9.30	
For 304 Stainless Steel, Add	42.75	
For High Strength Steel (HSS), Add	5.21	
05 12 23 00-0485 3/8" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0486 LF 3" x 2" x 3/8" Thick, Plain Steel Angle Iron	16.08	5.29
For >100 To 250, Deduct	-0.53	
For >250 To 500, Deduct	-0.93	
For >500 To 1,000, Deduct	-1.51	
For >1,000, Deduct	-2.09	
For Galvanized Steel, Add	5.60	
For 304 Stainless Steel, Add	25.74	
For High Strength Steel (HSS), Add	3.22	
05 12 23 00-0487 LF 3" x 2-1/2" x 3/8" Thick, Plain Steel Angle Iron	17.78	5.73
For >100 To 250, Deduct	-0.57	
For >250 To 500, Deduct	-1.02	
For >500 To 1,000, Deduct	-1.65	
For >1,000, Deduct	-2.29	
For Galvanized Steel, Add	6.28	
For 304 Stainless Steel, Add	28.87	
For High Strength Steel (HSS), Add	3.56	
05 12 23 00-0488 LF 3" x 3" x 3/8" Thick, Plain Steel Angle Iron	19.25	6.18
For >100 To 250, Deduct	-0.62	
For >250 To 500, Deduct	-1.10	
For >500 To 1,000, Deduct	-1.79	
For >1,000, Deduct	-2.47	
For Galvanized Steel, Add	6.83	
For 304 Stainless Steel, Add	31.41	
For High Strength Steel (HSS), Add	3.85	
05 12 23 00-0489 LF 3-1/2" x 3" x 3/8" Thick, Plain Steel Angle Iron	20.59	6.35
For >100 To 250, Deduct	-0.63	
For >250 To 500, Deduct	-1.15	
For >500 To 1,000, Deduct	-1.88	
For >1,000, Deduct	-2.60	
For Galvanized Steel, Add	7.52	
For 304 Stainless Steel, Add	34.57	
For High Strength Steel (HSS), Add	4.12	
05 12 23 00-0490 LF 3-1/2" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	21.93	6.69
For >100 To 250, Deduct	-0.67	
For >250 To 500, Deduct	-1.22	
For >500 To 1,000, Deduct	-1.99	
For >1,000, Deduct	-2.76	
For Galvanized Steel, Add	8.07	
For 304 Stainless Steel, Add	37.08	
For High Strength Steel (HSS), Add	4.39	
05 12 23 00-0491 LF 4" x 3" x 3/8" Thick, Plain Steel Angle Iron	21.93	6.69
For >100 To 250, Deduct	-0.67	
For >250 To 500, Deduct	-1.22	
For >500 To 1,000, Deduct	-1.99	
For >1,000, Deduct	-2.76	
For Galvanized Steel, Add	8.07	
For 304 Stainless Steel, Add	37.08	
For High Strength Steel (HSS), Add	4.39	
05 12 23 00-0492 LF 4" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	23.65	7.30
For >100 To 250, Deduct	-0.73	
For >250 To 500, Deduct	-1.32	
For >500 To 1,000, Deduct	-2.15	
For >1,000, Deduct	-2.99	
For Galvanized Steel, Add	8.64	
For 304 Stainless Steel, Add	39.70	
For High Strength Steel (HSS), Add	4.73	
05 12 23 00-0493 LF 4" x 4" x 3/8" Thick, Plain Steel Angle Iron	25.01	7.51
For >100 To 250, Deduct	-0.75	
For >250 To 500, Deduct	-1.38	
For >500 To 1,000, Deduct	-2.25	
For >1,000, Deduct	-3.13	
For Galvanized Steel, Add	9.30	
For 304 Stainless Steel, Add	42.75	
For High Strength Steel (HSS), Add	5.00	
05 12 23 00-0494 LF 5" x 3" x 3/8" Thick, Plain Steel Angle Iron	25.40	7.80
For >100 To 250, Deduct	-0.78	
For >250 To 500, Deduct	-1.42	
For >500 To 1,000, Deduct	-2.31	
For >1,000, Deduct	-3.21	
For Galvanized Steel, Add	9.30	
For 304 Stainless Steel, Add	42.75	
For High Strength Steel (HSS), Add	5.08	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0495	LF	5" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	27.14	8.40
		<i>For >100 To 250, Deduct</i>	-0.84	
		<i>For >250 To 500, Deduct</i>	-1.52	
		<i>For >500 To 1,000, Deduct</i>	-2.48	
		<i>For >1,000, Deduct</i>	-3.44	
		<i>For Galvanized Steel, Add</i>	9.87	
		<i>For 304 Stainless Steel, Add</i>	45.37	
		<i>For High Strength Steel (HSS), Add</i>	5.43	
05 12 23 00-0496	LF	5" x 5" x 3/8" Thick, Plain Steel Angle Iron.....	31.94	9.80
		<i>For >100 To 250, Deduct</i>	-0.98	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500 To 1,000, Deduct</i>	-2.90	
		<i>For >1,000, Deduct</i>	-4.03	
		<i>For Galvanized Steel, Add</i>	11.71	
		<i>For 304 Stainless Steel, Add</i>	53.81	
		<i>For High Strength Steel (HSS), Add</i>	6.39	
05 12 23 00-0497	LF	6" x 3-1/2" x 3/8" Thick, Plain Steel Angle Iron	30.05	9.11
		<i>For >100 To 250, Deduct</i>	-0.91	
		<i>For >250 To 500, Deduct</i>	-1.66	
		<i>For >500 To 1,000, Deduct</i>	-2.72	
		<i>For >1,000, Deduct</i>	-3.77	
		<i>For Galvanized Steel, Add</i>	11.10	
		<i>For 304 Stainless Steel, Add</i>	51.04	
		<i>For High Strength Steel (HSS), Add</i>	6.01	
05 12 23 00-0498	LF	6" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	31.94	9.80
		<i>For >100 To 250, Deduct</i>	-0.98	
		<i>For >250 To 500, Deduct</i>	-1.78	
		<i>For >500 To 1,000, Deduct</i>	-2.90	
		<i>For >1,000, Deduct</i>	-4.03	
		<i>For Galvanized Steel, Add</i>	11.71	
		<i>For 304 Stainless Steel, Add</i>	53.81	
		<i>For High Strength Steel (HSS), Add</i>	6.39	
05 12 23 00-0499	LF	6" x 6" x 3/8" Thick, Plain Steel Angle Iron.....	38.54	11.76
		<i>For >100 To 250, Deduct</i>	-1.18	
		<i>For >250 To 500, Deduct</i>	-2.14	
		<i>For >500 To 1,000, Deduct</i>	-3.49	
		<i>For >1,000, Deduct</i>	-4.85	
		<i>For Galvanized Steel, Add</i>	14.18	
		<i>For 304 Stainless Steel, Add</i>	65.18	
		<i>For High Strength Steel (HSS), Add</i>	7.71	
05 12 23 00-0500	LF	7" x 4" x 3/8" Thick, Plain Steel Angle Iron.....	35.24	10.78
		<i>For >100 To 250, Deduct</i>	-1.08	
		<i>For >250 To 500, Deduct</i>	-1.96	
		<i>For >500 To 1,000, Deduct</i>	-3.20	
		<i>For >1,000, Deduct</i>	-4.44	
		<i>For Galvanized Steel, Add</i>	12.94	
		<i>For 304 Stainless Steel, Add</i>	59.48	
		<i>For High Strength Steel (HSS), Add</i>	7.05	
05 12 23 00-0501		1/2" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0502	LF	3" x 3" x 1/2" Thick, Plain Steel Angle Iron.....	22.84	6.31
		<i>For >100 To 250, Deduct</i>	-0.63	
		<i>For >250 To 500, Deduct</i>	-1.20	
		<i>For >500 To 1,000, Deduct</i>	-1.98	
		<i>For >1,000, Deduct</i>	-2.76	
		<i>For Galvanized Steel, Add</i>	8.95	
		<i>For 304 Stainless Steel, Add</i>	41.13	
		<i>For High Strength Steel (HSS), Add</i>	4.57	
05 12 23 00-0503	LF	4" x 3" x 1/2" Thick, Plain Steel Angle Iron.....	26.98	7.45
		<i>For >100 To 250, Deduct</i>	-0.75	
		<i>For >250 To 500, Deduct</i>	-1.42	
		<i>For >500 To 1,000, Deduct</i>	-2.34	
		<i>For >1,000, Deduct</i>	-3.27	
		<i>For Galvanized Steel, Add</i>	10.56	
		<i>For 304 Stainless Steel, Add</i>	48.56	
		<i>For High Strength Steel (HSS), Add</i>	5.40	
05 12 23 00-0504	LF	4" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	28.92	7.98
		<i>For >100 To 250, Deduct</i>	-0.80	
		<i>For >250 To 500, Deduct</i>	-1.52	
		<i>For >500 To 1,000, Deduct</i>	-2.51	
		<i>For >1,000, Deduct</i>	-3.50	
		<i>For Galvanized Steel, Add</i>	11.33	
		<i>For 304 Stainless Steel, Add</i>	52.07	
		<i>For High Strength Steel (HSS), Add</i>	5.78	
05 12 23 00-0505	LF	4" x 4" x 1/2" Thick, Plain Steel Angle Iron.....	31.11	8.60
		<i>For >100 To 250, Deduct</i>	-0.86	
		<i>For >250 To 500, Deduct</i>	-1.64	
		<i>For >500 To 1,000, Deduct</i>	-2.70	
		<i>For >1,000, Deduct</i>	-3.77	
		<i>For Galvanized Steel, Add</i>	12.18	
		<i>For 304 Stainless Steel, Add</i>	56.00	
		<i>For High Strength Steel (HSS), Add</i>	6.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0506 LF 5" x 3" x 1/2" Thick, Plain Steel Angle Iron	31.11	8.60
For >100 To 250, Deduct	-0.86	
For >250 To 500, Deduct	-1.64	
For >500 To 1,000, Deduct	-2.70	
For >1,000, Deduct	-3.77	
For Galvanized Steel, Add	12.18	
For 304 Stainless Steel, Add	56.00	
For High Strength Steel (HSS), Add	6.22	
05 12 23 00-0507 LF 5" x 3-1/2" x 1/2" Thick, Plain Steel Angle Iron	33.05	9.13
For >100 To 250, Deduct	-0.91	
For >250 To 500, Deduct	-1.74	
For >500 To 1,000, Deduct	-2.87	
For >1,000, Deduct	-4.00	
For Galvanized Steel, Add	12.95	
For 304 Stainless Steel, Add	59.51	
For High Strength Steel (HSS), Add	6.61	
05 12 23 00-0508 LF 5" x 5" x 1/2" Thick, Plain Steel Angle Iron	39.37	10.87
For >100 To 250, Deduct	-1.09	
For >250 To 500, Deduct	-2.07	
For >500 To 1,000, Deduct	-3.42	
For >1,000, Deduct	-4.77	
For Galvanized Steel, Add	15.42	
For 304 Stainless Steel, Add	70.88	
For High Strength Steel (HSS), Add	7.87	
05 12 23 00-0509 LF 6" x 4" x 1/2" Thick, Plain Steel Angle Iron	39.37	10.87
For >100 To 250, Deduct	-1.09	
For >250 To 500, Deduct	-2.07	
For >500 To 1,000, Deduct	-3.42	
For >1,000, Deduct	-4.77	
For Galvanized Steel, Add	15.42	
For 304 Stainless Steel, Add	70.88	
For High Strength Steel (HSS), Add	7.87	
05 12 23 00-0510 LF 6" x 6" x 1/2" Thick, Plain Steel Angle Iron	47.62	13.15
For >100 To 250, Deduct	-1.32	
For >250 To 500, Deduct	-2.51	
For >500 To 1,000, Deduct	-4.14	
For >1,000, Deduct	-5.76	
For Galvanized Steel, Add	18.65	
For 304 Stainless Steel, Add	85.73	
For High Strength Steel (HSS), Add	9.52	
05 12 23 00-0511 LF 7" x 4" x 1/2" Thick, Plain Steel Angle Iron	43.48	12.01
For >100 To 250, Deduct	-1.20	
For >250 To 500, Deduct	-2.29	
For >500 To 1,000, Deduct	-3.78	
For >1,000, Deduct	-5.26	
For Galvanized Steel, Add	17.03	
For 304 Stainless Steel, Add	78.29	
For High Strength Steel (HSS), Add	8.70	
05 12 23 00-0512 LF 8" x 4" x 1/2" Thick, Plain Steel Angle Iron	47.62	13.15
For >100 To 250, Deduct	-1.32	
For >250 To 500, Deduct	-2.51	
For >500 To 1,000, Deduct	-4.14	
For >1,000, Deduct	-5.76	
For Galvanized Steel, Add	18.65	
For 304 Stainless Steel, Add	85.73	
For High Strength Steel (HSS), Add	9.52	
05 12 23 00-0513 LF 8" x 6" x 1/2" Thick, Plain Steel Angle Iron	55.90	15.44
For >100 To 250, Deduct	-1.54	
For >250 To 500, Deduct	-2.94	
For >500 To 1,000, Deduct	-4.85	
For >1,000, Deduct	-6.77	
For Galvanized Steel, Add	21.89	
For 304 Stainless Steel, Add	100.63	
For High Strength Steel (HSS), Add	11.18	
05 12 23 00-0514 LF 8" x 8" x 1/2" Thick, Plain Steel Angle Iron	64.14	17.72
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-3.38	
For >500 To 1,000, Deduct	-5.57	
For >1,000, Deduct	-7.76	
For Galvanized Steel, Add	25.12	
For 304 Stainless Steel, Add	115.45	
For High Strength Steel (HSS), Add	12.83	
05 12 23 00-0515 5/8" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0516 LF 4" x 4" x 5/8" Thick, Plain Steel Angle Iron	37.23	9.85
For >100 To 250, Deduct	-0.98	
For >250 To 500, Deduct	-1.92	
For >500 To 1,000, Deduct	-3.17	
For >1,000, Deduct	-4.43	
For Galvanized Steel, Add	14.94	
For High Strength Steel (HSS), Add	7.45	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0517	LF		5" x 3-1/2" x 5/8" Thick, Plain Steel Angle Iron	39.84	10.54
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-2.05	
			<i>For >500 To 1,000, Deduct</i>	-3.40	
			<i>For >1,000, Deduct</i>	-4.74	
			<i>For Galvanized Steel, Add</i>	15.99	
			<i>For High Strength Steel (HSS), Add</i>	7.97	
05 12 23 00-0518	LF		5" x 5" x 5/8" Thick, Plain Steel Angle Iron.....	47.42	12.55
			<i>For >100 To 250, Deduct</i>	-1.25	
			<i>For >250 To 500, Deduct</i>	-2.44	
			<i>For >500 To 1,000, Deduct</i>	-4.04	
			<i>For >1,000, Deduct</i>	-5.65	
			<i>For Galvanized Steel, Add</i>	19.03	
			<i>For High Strength Steel (HSS), Add</i>	9.48	
05 12 23 00-0519	LF		6" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	47.42	12.55
			<i>For >100 To 250, Deduct</i>	-1.25	
			<i>For >250 To 500, Deduct</i>	-2.44	
			<i>For >500 To 1,000, Deduct</i>	-4.04	
			<i>For >1,000, Deduct</i>	-5.65	
			<i>For Galvanized Steel, Add</i>	19.03	
			<i>For High Strength Steel (HSS), Add</i>	9.48	
05 12 23 00-0520	LF		6" x 6" x 5/8" Thick, Plain Steel Angle Iron.....	57.39	15.18
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-2.95	
			<i>For >500 To 1,000, Deduct</i>	-4.89	
			<i>For >1,000, Deduct</i>	-6.83	
			<i>For Galvanized Steel, Add</i>	23.03	
			<i>For High Strength Steel (HSS), Add</i>	11.48	
05 12 23 00-0521	LF		7" x 4" x 5/8" Thick, Plain Steel Angle Iron.....	52.40	13.87
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-2.70	
			<i>For >500 To 1,000, Deduct</i>	-4.47	
			<i>For >1,000, Deduct</i>	-6.24	
			<i>For Galvanized Steel, Add</i>	21.03	
			<i>For High Strength Steel (HSS), Add</i>	10.48	
05 12 23 00-0522	LF		8" x 6" x 5/8" Thick, Plain Steel Angle Iron.....	67.57	17.88
			<i>For >100 To 250, Deduct</i>	-1.79	
			<i>For >250 To 500, Deduct</i>	-3.48	
			<i>For >500 To 1,000, Deduct</i>	-5.76	
			<i>For >1,000, Deduct</i>	-8.05	
			<i>For Galvanized Steel, Add</i>	27.12	
			<i>For High Strength Steel (HSS), Add</i>	13.51	
05 12 23 00-0523	LF		8" x 8" x 5/8" Thick, Plain Steel Angle Iron.....	77.55	20.51
			<i>For >100 To 250, Deduct</i>	-2.05	
			<i>For >250 To 500, Deduct</i>	-3.99	
			<i>For >500 To 1,000, Deduct</i>	-6.61	
			<i>For >1,000, Deduct</i>	-9.24	
			<i>For Galvanized Steel, Add</i>	31.12	
			<i>For High Strength Steel (HSS), Add</i>	15.51	
05 12 23 00-0524			3/4" Thick (05 12 23 00-0423)		
05 12 23 00-0525	LF		4" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	42.92	10.88
			<i>For >100 To 250, Deduct</i>	-1.09	
			<i>For >250 To 500, Deduct</i>	-2.16	
			<i>For >500 To 1,000, Deduct</i>	-3.60	
			<i>For >1,000, Deduct</i>	-5.03	
			<i>For Galvanized Steel, Add</i>	17.61	
			<i>For High Strength Steel (HSS), Add</i>	8.58	
05 12 23 00-0526	LF		5" x 3-1/2" x 3/4" Thick, Plain Steel Angle Iron	45.92	11.65
			<i>For >100 To 250, Deduct</i>	-1.16	
			<i>For >250 To 500, Deduct</i>	-2.31	
			<i>For >500 To 1,000, Deduct</i>	-3.85	
			<i>For >1,000, Deduct</i>	-5.39	
			<i>For Galvanized Steel, Add</i>	18.84	
			<i>For High Strength Steel (HSS), Add</i>	9.18	
05 12 23 00-0527	LF		5" x 5" x 3/4" Thick, Plain Steel Angle Iron.....	54.73	13.89
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-2.76	
			<i>For >500 To 1,000, Deduct</i>	-4.59	
			<i>For >1,000, Deduct</i>	-6.42	
			<i>For Galvanized Steel, Add</i>	22.46	
			<i>For High Strength Steel (HSS), Add</i>	10.95	
05 12 23 00-0528	LF		6" x 4" x 3/4" Thick, Plain Steel Angle Iron.....	54.73	13.89
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-2.76	
			<i>For >500 To 1,000, Deduct</i>	-4.59	
			<i>For >1,000, Deduct</i>	-6.42	
			<i>For Galvanized Steel, Add</i>	22.46	
			<i>For High Strength Steel (HSS), Add</i>	10.95	
05 12 23 00-0529	LF		6" x 6" x 3/4" Thick, Plain Steel Angle Iron.....	66.56	16.87
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-3.35	
			<i>For >500 To 1,000, Deduct</i>	-5.58	
			<i>For >1,000, Deduct</i>	-7.81	
			<i>For Galvanized Steel, Add</i>	27.31	
			<i>For High Strength Steel (HSS), Add</i>	13.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0530 LF 7" x 4" x 3/4" Thick, Plain Steel Angle Iron	60.76	15.41
For >100 To 250, Deduct	-1.54	
For >250 To 500, Deduct	-3.06	
For >500 To 1,000, Deduct	-5.09	
For >1,000, Deduct	-7.13	
For Galvanized Steel, Add	24.93	
For High Strength Steel (HSS), Add	12.15	
05 12 23 00-0531 LF 8" x 4" x 3/4" Thick, Plain Steel Angle Iron	66.56	16.87
For >100 To 250, Deduct	-1.69	
For >250 To 500, Deduct	-3.35	
For >500 To 1,000, Deduct	-5.58	
For >1,000, Deduct	-7.81	
For Galvanized Steel, Add	27.31	
For High Strength Steel (HSS), Add	13.31	
05 12 23 00-0532 LF 8" x 6" x 3/4" Thick, Plain Steel Angle Iron	78.39	19.87
For >100 To 250, Deduct	-1.99	
For >250 To 500, Deduct	-3.95	
For >500 To 1,000, Deduct	-6.57	
For >1,000, Deduct	-9.19	
For Galvanized Steel, Add	32.17	
For High Strength Steel (HSS), Add	15.68	
05 12 23 00-0533 LF 8" x 8" x 3/4" Thick, Plain Steel Angle Iron	90.21	22.88
For >100 To 250, Deduct	-2.29	
For >250 To 500, Deduct	-4.54	
For >500 To 1,000, Deduct	-7.56	
For >1,000, Deduct	-10.58	
For Galvanized Steel, Add	37.02	
For High Strength Steel (HSS), Add	18.04	
05 12 23 00-0534 7/8" Thick <small>(05 12 23 00-0423)</small>		
05 12 23 00-0535 LF 5" x 5" x 7/8" Thick, Plain Steel Angle Iron	61.64	14.92
For >100 To 250, Deduct	-1.49	
For >250 To 500, Deduct	-3.03	
For >500 To 1,000, Deduct	-5.07	
For >1,000, Deduct	-7.11	
For Galvanized Steel, Add	25.88	
For High Strength Steel (HSS), Add	12.33	
05 12 23 00-0536 LF 6" x 4" x 7/8" Thick, Plain Steel Angle Iron	61.64	14.92
For >100 To 250, Deduct	-1.49	
For >250 To 500, Deduct	-3.03	
For >500 To 1,000, Deduct	-5.07	
For >1,000, Deduct	-7.11	
For Galvanized Steel, Add	25.88	
For High Strength Steel (HSS), Add	12.33	
05 12 23 00-0537 LF 6" x 6" x 7/8" Thick, Plain Steel Angle Iron	75.04	18.17
For >100 To 250, Deduct	-1.82	
For >250 To 500, Deduct	-3.69	
For >500 To 1,000, Deduct	-6.18	
For >1,000, Deduct	-8.66	
For Galvanized Steel, Add	31.50	
For High Strength Steel (HSS), Add	15.01	
05 12 23 00-0538 LF 8" x 6" x 7/8" Thick, Plain Steel Angle Iron	88.63	21.46
For >100 To 250, Deduct	-2.15	
For >250 To 500, Deduct	-4.36	
For >500 To 1,000, Deduct	-7.29	
For >1,000, Deduct	-10.22	
For Galvanized Steel, Add	37.21	
For High Strength Steel (HSS), Add	17.73	
05 12 23 00-0539 LF 8" x 8" x 7/8" Thick, Plain Steel Angle Iron	101.99	24.70
For >100 To 250, Deduct	-2.47	
For >250 To 500, Deduct	-5.02	
For >500 To 1,000, Deduct	-8.39	
For >1,000, Deduct	-11.77	
For Galvanized Steel, Add	42.82	
For High Strength Steel (HSS), Add	20.40	
05 12 23 00-0540 Bar Channel <small>(05 12 23 00-0422)</small>		
05 12 23 00-0541 LF 1" x 1/2" x 1/8" Thick Bar Channel.....	4.97	
For 316 Stainless Steel, Add	5.34	
For Aluminum, Add	0.30	
For Galvanized Steel, Add	1.04	
For 304 Stainless Steel, Add	4.76	
For High Strength Steel (HSS), Add	0.99	
05 12 23 00-0542 LF 1-1/4" x 1/2" x 1/8" Thick Bar Channel.....	5.59	
For 316 Stainless Steel, Add	6.40	
For Aluminum, Add	0.36	
For Galvanized Steel, Add	1.24	
For 304 Stainless Steel, Add	5.70	
For High Strength Steel (HSS), Add	1.12	
05 12 23 00-0543 LF 1-1/2" x 1/2" x 1/8" Thick Bar Channel.....	6.09	
For 316 Stainless Steel, Add	7.07	
For Aluminum, Add	0.40	
For Galvanized Steel, Add	1.37	
For 304 Stainless Steel, Add	6.30	
For High Strength Steel (HSS), Add	1.22	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

05 12 23 00-0544	LF	1-1/2" x 3/4" x 1/8" Thick Bar Channel.....	6.95	
		<i>For 316 Stainless Steel, Add</i>	7.39	
		<i>For Aluminum, Add</i>	0.42	
		<i>For Galvanized Steel, Add</i>	1.43	
		<i>For 304 Stainless Steel, Add</i>	6.58	
		<i>For High Strength Steel (HSS), Add</i>	1.39	
05 12 23 00-0545	LF	2" x 1/2" x 1/8" Thick Bar Channel.....	7.47	
		<i>For 316 Stainless Steel, Add</i>	9.06	
		<i>For Aluminum, Add</i>	0.51	
		<i>For Galvanized Steel, Add</i>	1.75	
		<i>For 304 Stainless Steel, Add</i>	8.07	
05 12 23 00-0546	LF	2" x 1" x 1/8" Thick Bar Channel.....	9.79	
		<i>For 316 Stainless Steel, Add</i>	10.11	
		<i>For Aluminum, Add</i>	0.57	
		<i>For Galvanized Steel, Add</i>	1.96	
		<i>For 304 Stainless Steel, Add</i>	9.01	
05 12 23 00-0547		Channels - C <small>(05 12 23 00-0422)</small>		
05 12 23 00-0548	LF	C2 x 1.78 - 2" Wide Channel.....	8.13	4.09
		<i>For >100 To 250, Deduct</i>	-0.41	
		<i>For >250 To 500, Deduct</i>	-0.61	
		<i>For >500 To 1,000, Deduct</i>	-0.95	
		<i>For >1,000, Deduct</i>	-1.29	
		<i>For 316 Stainless Steel, Add</i>	8.58	
		<i>For Aluminum, Add</i>	0.48	
		<i>For Galvanized Steel, Add</i>	1.66	
		<i>For 304 Stainless Steel, Add</i>	7.64	
05 12 23 00-0549	LF	C3 x 4.1 - 3" Wide Channel.....	14.13	5.88
		<i>For >100 To 250, Deduct</i>	-0.59	
		<i>For >250 To 500, Deduct</i>	-0.94	
		<i>For >500 To 1,000, Deduct</i>	-1.49	
		<i>For >1,000, Deduct</i>	-2.04	
		<i>For 316 Stainless Steel, Add</i>	20.13	
		<i>For Aluminum, Add</i>	1.13	
		<i>For Galvanized Steel, Add</i>	3.90	
		<i>For 304 Stainless Steel, Add</i>	17.93	
05 12 23 00-0550	LF	C3 x 5 - 3" Wide Channel.....	17.23	7.18
		<i>For >100 To 250, Deduct</i>	-0.72	
		<i>For >250 To 500, Deduct</i>	-1.15	
		<i>For >500 To 1,000, Deduct</i>	-1.82	
		<i>For >1,000, Deduct</i>	-2.49	
		<i>For 316 Stainless Steel, Add</i>	24.54	
		<i>For Aluminum, Add</i>	1.38	
		<i>For Galvanized Steel, Add</i>	4.76	
		<i>For 304 Stainless Steel, Add</i>	21.86	
05 12 23 00-0551	LF	C3 x 6 - 3" Wide Channel.....	20.69	8.61
		<i>For >100 To 250, Deduct</i>	-0.86	
		<i>For >250 To 500, Deduct</i>	-1.38	
		<i>For >500 To 1,000, Deduct</i>	-2.18	
		<i>For >1,000, Deduct</i>	-2.99	
		<i>For 316 Stainless Steel, Add</i>	29.47	
		<i>For Aluminum, Add</i>	1.66	
		<i>For Galvanized Steel, Add</i>	5.71	
		<i>For 304 Stainless Steel, Add</i>	26.25	
05 12 23 00-0552	LF	C4 x 5.4 - 4" Wide Channel.....	17.70	7.05
		<i>For >100 To 250, Deduct</i>	-0.71	
		<i>For >250 To 500, Deduct</i>	-1.15	
		<i>For >500 To 1,000, Deduct</i>	-1.83	
		<i>For >1,000, Deduct</i>	-2.50	
		<i>For 316 Stainless Steel, Add</i>	26.53	
		<i>For Aluminum, Add</i>	1.49	
		<i>For Galvanized Steel, Add</i>	5.14	
		<i>For 304 Stainless Steel, Add</i>	23.63	
05 12 23 00-0553	LF	C4 x 7.25 - 4" Wide Channel.....	23.76	9.47
		<i>For >100 To 250, Deduct</i>	-0.95	
		<i>For >250 To 500, Deduct</i>	-1.54	
		<i>For >500 To 1,000, Deduct</i>	-2.45	
		<i>For >1,000, Deduct</i>	-3.36	
		<i>For 316 Stainless Steel, Add</i>	35.62	
		<i>For Aluminum, Add</i>	2.00	
		<i>For Galvanized Steel, Add</i>	6.90	
		<i>For 304 Stainless Steel, Add</i>	31.72	
05 12 23 00-0554	LF	C5 x 6.7 - 5" Wide Channel.....	21.25	8.22
		<i>For >100 To 250, Deduct</i>	-0.82	
		<i>For >250 To 500, Deduct</i>	-1.35	
		<i>For >500 To 1,000, Deduct</i>	-2.16	
		<i>For >1,000, Deduct</i>	-2.97	
		<i>For 316 Stainless Steel, Add</i>	32.90	
		<i>For Aluminum, Add</i>	1.85	
		<i>For Galvanized Steel, Add</i>	6.37	
		<i>For 304 Stainless Steel, Add</i>	29.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0555 LF C5 x 9 - 5" Wide Channel	28.55	11.06
For >100 To 250, Deduct	-1.11	
For >250 To 500, Deduct	-1.82	
For >500 To 1,000, Deduct	-2.90	
For >1,000, Deduct	-3.98	
For 316 Stainless Steel, Add	44.19	
For Aluminum, Add	2.49	
For Galvanized Steel, Add	8.56	
For 304 Stainless Steel, Add	39.36	
05 12 23 00-0556 LF C6 x 8.2 - 6" Wide Channel	25.75	9.88
For >100 To 250, Deduct	-0.99	
For >250 To 500, Deduct	-1.63	
For >500 To 1,000, Deduct	-2.60	
For >1,000, Deduct	-3.58	
For 316 Stainless Steel, Add	40.26	
For Aluminum, Add	2.26	
For Galvanized Steel, Add	7.80	
For 304 Stainless Steel, Add	35.85	
05 12 23 00-0557 LF C6 x 10.5 - 6" Wide Channel	32.97	12.65
For >100 To 250, Deduct	-1.26	
For >250 To 500, Deduct	-2.09	
For >500 To 1,000, Deduct	-3.33	
For >1,000, Deduct	-4.58	
For 316 Stainless Steel, Add	51.55	
For Aluminum, Add	2.90	
For Galvanized Steel, Add	9.99	
For 304 Stainless Steel, Add	45.91	
05 12 23 00-0558 LF C6 x 13 - 6" Wide Channel	40.84	15.66
For >100 To 250, Deduct	-1.57	
For >250 To 500, Deduct	-2.59	
For >500 To 1,000, Deduct	-4.13	
For >1,000, Deduct	-5.67	
For 316 Stainless Steel, Add	63.84	
For Aluminum, Add	3.59	
For Galvanized Steel, Add	12.37	
For 304 Stainless Steel, Add	56.86	
05 12 23 00-0559 LF C7 x 9.8 - 7" Wide Channel	30.72	11.76
For >100 To 250, Deduct	-1.18	
For >250 To 500, Deduct	-1.94	
For >500 To 1,000, Deduct	-3.10	
For >1,000, Deduct	-4.26	
For 316 Stainless Steel, Add	48.13	
For Aluminum, Add	2.71	
For Galvanized Steel, Add	9.32	
For 304 Stainless Steel, Add	42.86	
05 12 23 00-0560 LF C7 x 12.25 - 7" Wide Channel	38.40	14.70
For >100 To 250, Deduct	-1.47	
For >250 To 500, Deduct	-2.43	
For >500 To 1,000, Deduct	-3.88	
For >1,000, Deduct	-5.33	
For 316 Stainless Steel, Add	60.16	
For Aluminum, Add	3.38	
For Galvanized Steel, Add	11.66	
For 304 Stainless Steel, Add	53.58	
05 12 23 00-0561 LF C7 x 14.75 - 7" Wide Channel	46.25	17.70
For >100 To 250, Deduct	-1.77	
For >250 To 500, Deduct	-2.93	
For >500 To 1,000, Deduct	-4.67	
For >1,000, Deduct	-6.42	
For 316 Stainless Steel, Add	72.45	
For Aluminum, Add	4.08	
For Galvanized Steel, Add	14.04	
For 304 Stainless Steel, Add	64.52	
05 12 23 00-0562 LF C8 x 11.5 - 8" Wide Channel	34.90	12.94
For >100 To 250, Deduct	-1.29	
For >250 To 500, Deduct	-2.17	
For >500 To 1,000, Deduct	-3.47	
For >1,000, Deduct	-4.77	
For 316 Stainless Steel, Add	56.48	
For Aluminum, Add	3.18	
For Galvanized Steel, Add	10.94	
For 304 Stainless Steel, Add	50.30	
05 12 23 00-0563 LF C8 x 13.75 - 8" Wide Channel	41.73	15.47
For >100 To 250, Deduct	-1.55	
For >250 To 500, Deduct	-2.59	
For >500 To 1,000, Deduct	-4.15	
For >1,000, Deduct	-5.71	
For 316 Stainless Steel, Add	67.52	
For Aluminum, Add	3.80	
For Galvanized Steel, Add	13.08	
For 304 Stainless Steel, Add	60.14	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0564	LF		C8 x 18.75 - 8" Wide Channel.....	56.90	21.10
			<i>For >100 To 250, Deduct</i>	-2.11	
			<i>For >250 To 500, Deduct</i>	-3.53	
			<i>For >500 To 1,000, Deduct</i>	-5.66	
			<i>For >1,000, Deduct</i>	-7.78	
			<i>For 316 Stainless Steel, Add</i>	92.06	
			<i>For Aluminum, Add</i>	5.18	
			<i>For Galvanized Steel, Add</i>	17.84	
			<i>For 304 Stainless Steel, Add</i>	81.99	
05 12 23 00-0565	LF		C9 x 13.4 - 9" Wide Channel.....	40.66	15.08
			<i>For >100 To 250, Deduct</i>	-1.51	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500 To 1,000, Deduct</i>	-4.04	
			<i>For >1,000, Deduct</i>	-5.56	
			<i>For 316 Stainless Steel, Add</i>	65.79	
			<i>For Aluminum, Add</i>	3.70	
			<i>For Galvanized Steel, Add</i>	12.75	
			<i>For 304 Stainless Steel, Add</i>	58.60	
05 12 23 00-0566	LF		C9 x 15 - 9" Wide Channel.....	45.52	16.87
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.83	
			<i>For >500 To 1,000, Deduct</i>	-4.53	
			<i>For >1,000, Deduct</i>	-6.23	
			<i>For 316 Stainless Steel, Add</i>	73.66	
			<i>For Aluminum, Add</i>	4.14	
			<i>For Galvanized Steel, Add</i>	14.27	
			<i>For 304 Stainless Steel, Add</i>	65.61	
05 12 23 00-0567	LF		C9 x 20 - 9" Wide Channel.....	60.69	22.50
			<i>For >100 To 250, Deduct</i>	-2.25	
			<i>For >250 To 500, Deduct</i>	-3.77	
			<i>For >500 To 1,000, Deduct</i>	-6.03	
			<i>For >1,000, Deduct</i>	-8.30	
			<i>For 316 Stainless Steel, Add</i>	98.21	
			<i>For Aluminum, Add</i>	5.52	
			<i>For Galvanized Steel, Add</i>	19.03	
			<i>For 304 Stainless Steel, Add</i>	87.47	
05 12 23 00-0568	LF		C10 x 15.3 - 10" Wide Channel.....	46.43	17.21
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.88	
			<i>For >500 To 1,000, Deduct</i>	-4.62	
			<i>For >1,000, Deduct</i>	-6.35	
			<i>For 316 Stainless Steel, Add</i>	75.14	
			<i>For Aluminum, Add</i>	4.23	
			<i>For Galvanized Steel, Add</i>	14.56	
			<i>For 304 Stainless Steel, Add</i>	66.92	
05 12 23 00-0569	LF		C10 x 20 - 10" Wide Channel.....	60.69	22.50
			<i>For >100 To 250, Deduct</i>	-2.25	
			<i>For >250 To 500, Deduct</i>	-3.77	
			<i>For >500 To 1,000, Deduct</i>	-6.03	
			<i>For >1,000, Deduct</i>	-8.30	
			<i>For 316 Stainless Steel, Add</i>	98.21	
			<i>For Aluminum, Add</i>	5.52	
			<i>For Galvanized Steel, Add</i>	19.03	
			<i>For 304 Stainless Steel, Add</i>	87.47	
05 12 23 00-0570	LF		C10 x 25 - 10" Wide Channel.....	75.87	28.13
			<i>For >100 To 250, Deduct</i>	-2.81	
			<i>For >250 To 500, Deduct</i>	-4.71	
			<i>For >500 To 1,000, Deduct</i>	-7.54	
			<i>For >1,000, Deduct</i>	-10.38	
			<i>For 316 Stainless Steel, Add</i>	122.78	
			<i>For Aluminum, Add</i>	6.91	
			<i>For Galvanized Steel, Add</i>	23.79	
			<i>For 304 Stainless Steel, Add</i>	109.35	
05 12 23 00-0571	LF		C10 x 30 - 10" Wide Channel.....	91.04	33.75
			<i>For >100 To 250, Deduct</i>	-3.38	
			<i>For >250 To 500, Deduct</i>	-5.65	
			<i>For >500 To 1,000, Deduct</i>	-9.05	
			<i>For >1,000, Deduct</i>	-12.45	
			<i>For 316 Stainless Steel, Add</i>	147.33	
			<i>For Aluminum, Add</i>	8.29	
			<i>For Galvanized Steel, Add</i>	28.54	
			<i>For 304 Stainless Steel, Add</i>	131.21	
05 12 23 00-0572	LF		C12 x 20.7 - 12" Wide Channel.....	62.82	23.29
			<i>For >100 To 250, Deduct</i>	-2.33	
			<i>For >250 To 500, Deduct</i>	-3.90	
			<i>For >500 To 1,000, Deduct</i>	-6.25	
			<i>For >1,000, Deduct</i>	-8.59	
			<i>For 316 Stainless Steel, Add</i>	101.66	
			<i>For Aluminum, Add</i>	5.72	
			<i>For Galvanized Steel, Add</i>	19.70	
			<i>For 304 Stainless Steel, Add</i>	90.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0573 LF C12 x 25 - 12" Wide Channel	75.87	28.13
For >100 To 250, Deduct	-2.81	
For >250 To 500, Deduct	-4.71	
For >500 To 1,000, Deduct	-7.54	
For >1,000, Deduct	-10.38	
For 316 Stainless Steel, Add	122.78	
For Aluminum, Add	6.91	
For Galvanized Steel, Add	23.79	
For 304 Stainless Steel, Add	109.35	
05 12 23 00-0574 LF C12 x 30 - 12" Wide Channel	91.04	33.75
For >100 To 250, Deduct	-3.38	
For >250 To 500, Deduct	-5.65	
For >500 To 1,000, Deduct	-9.05	
For >1,000, Deduct	-12.45	
For 316 Stainless Steel, Add	147.33	
For Aluminum, Add	8.29	
For Galvanized Steel, Add	28.54	
For 304 Stainless Steel, Add	131.21	
05 12 23 00-0575 LF C15 x 33.9 - 15" Wide Channel	102.87	38.14
For >100 To 250, Deduct	-3.81	
For >250 To 500, Deduct	-6.39	
For >500 To 1,000, Deduct	-10.23	
For >1,000, Deduct	-14.07	
For 316 Stainless Steel, Add	166.46	
For Aluminum, Add	9.36	
For Galvanized Steel, Add	32.25	
For 304 Stainless Steel, Add	148.26	
05 12 23 00-0576 LF C15 x 40 - 15" Wide Channel	121.39	45.00
For >100 To 250, Deduct	-4.50	
For >250 To 500, Deduct	-7.53	
For >500 To 1,000, Deduct	-12.07	
For >1,000, Deduct	-16.60	
For 316 Stainless Steel, Add	196.45	
For Aluminum, Add	11.05	
For Galvanized Steel, Add	38.06	
For 304 Stainless Steel, Add	174.96	
05 12 23 00-0577 LF C15 x 50 - 15" Wide Channel	151.73	56.24
For >100 To 250, Deduct	-5.63	
For >250 To 500, Deduct	-9.42	
For >500 To 1,000, Deduct	-15.09	
For >1,000, Deduct	-20.75	
For 316 Stainless Steel, Add	245.54	
For Aluminum, Add	13.81	
For Galvanized Steel, Add	47.57	
For 304 Stainless Steel, Add	218.68	
05 12 23 00-0578 Miscellaneous Channels - MC <small>(05 12 23 00-0422)</small>		
05 12 23 00-0579 LF MC6 x 12 - 6" Wide Channel	37.70	14.46
For >100 To 250, Deduct	-1.45	
For >250 To 500, Deduct	-2.39	
For >500 To 1,000, Deduct	-3.81	
For >1,000, Deduct	-5.24	
For 316 Stainless Steel, Add	58.94	
For Aluminum, Add	3.32	
For Galvanized Steel, Add	11.42	
For 304 Stainless Steel, Add	52.50	
05 12 23 00-0580 LF MC6 x 15.1 - 6" Wide Channel	47.43	18.19
For >100 To 250, Deduct	-1.82	
For >250 To 500, Deduct	-3.01	
For >500 To 1,000, Deduct	-4.80	
For >1,000, Deduct	-6.59	
For 316 Stainless Steel, Add	74.14	
For Aluminum, Add	4.17	
For Galvanized Steel, Add	14.37	
For 304 Stainless Steel, Add	66.03	
05 12 23 00-0581 LF MC6 x 15.3 - 6" Wide Channel	48.06	18.43
For >100 To 250, Deduct	-1.84	
For >250 To 500, Deduct	-3.05	
For >500 To 1,000, Deduct	-4.86	
For >1,000, Deduct	-6.68	
For 316 Stainless Steel, Add	75.14	
For Aluminum, Add	4.23	
For Galvanized Steel, Add	14.56	
For 304 Stainless Steel, Add	66.92	
05 12 23 00-0582 LF MC6 x 16.3 - 6" Wide Channel	51.20	19.63
For >100 To 250, Deduct	-1.96	
For >250 To 500, Deduct	-3.24	
For >500 To 1,000, Deduct	-5.18	
For >1,000, Deduct	-7.11	
For 316 Stainless Steel, Add	80.03	
For Aluminum, Add	4.50	
For Galvanized Steel, Add	15.51	
For 304 Stainless Steel, Add	71.28	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0583	LF		MC6 x 18 - 6" Wide Channel.....	56.54	21.69
			<i>For >100 To 250, Deduct</i>	-2.17	
			<i>For >250 To 500, Deduct</i>	-3.58	
			<i>For >500 To 1,000, Deduct</i>	-5.72	
			<i>For >1,000, Deduct</i>	-7.86	
			<i>For 316 Stainless Steel, Add</i>	88.38	
			<i>For Aluminum, Add</i>	4.97	
			<i>For Galvanized Steel, Add</i>	17.12	
			<i>For 304 Stainless Steel, Add</i>	78.72	
05 12 23 00-0584	LF		MC7 x 17.6 - 7" Wide Channel.....	55.18	21.13
			<i>For >100 To 250, Deduct</i>	-2.11	
			<i>For >250 To 500, Deduct</i>	-3.49	
			<i>For >500 To 1,000, Deduct</i>	-5.58	
			<i>For >1,000, Deduct</i>	-7.66	
			<i>For 316 Stainless Steel, Add</i>	86.43	
			<i>For Aluminum, Add</i>	4.86	
			<i>For Galvanized Steel, Add</i>	16.75	
			<i>For 304 Stainless Steel, Add</i>	76.98	
05 12 23 00-0585	LF		MC7 x 19.1 - 7" Wide Channel.....	59.88	22.93
			<i>For >100 To 250, Deduct</i>	-2.29	
			<i>For >250 To 500, Deduct</i>	-3.79	
			<i>For >500 To 1,000, Deduct</i>	-6.05	
			<i>For >1,000, Deduct</i>	-8.31	
			<i>For 316 Stainless Steel, Add</i>	93.79	
			<i>For Aluminum, Add</i>	5.28	
			<i>For Galvanized Steel, Add</i>	18.17	
			<i>For 304 Stainless Steel, Add</i>	83.53	
05 12 23 00-0586	LF		MC7 x 22.7 - 7" Wide Channel.....	71.17	27.25
			<i>For >100 To 250, Deduct</i>	-2.72	
			<i>For >250 To 500, Deduct</i>	-4.50	
			<i>For >500 To 1,000, Deduct</i>	-7.19	
			<i>For >1,000, Deduct</i>	-9.88	
			<i>For 316 Stainless Steel, Add</i>	111.49	
			<i>For Aluminum, Add</i>	6.27	
			<i>For Galvanized Steel, Add</i>	21.60	
			<i>For 304 Stainless Steel, Add</i>	99.29	
05 12 23 00-0587	LF		MC8 x 8.5 - 8" Wide Channel.....	25.80	9.56
			<i>For >100 To 250, Deduct</i>	-0.96	
			<i>For >250 To 500, Deduct</i>	-1.60	
			<i>For >500 To 1,000, Deduct</i>	-2.57	
			<i>For >1,000, Deduct</i>	-3.53	
			<i>For 316 Stainless Steel, Add</i>	41.73	
			<i>For Aluminum, Add</i>	2.35	
			<i>For Galvanized Steel, Add</i>	8.08	
			<i>For 304 Stainless Steel, Add</i>	37.16	
05 12 23 00-0588	LF		MC8 x 18.7 - 8" Wide Channel.....	56.75	21.03
			<i>For >100 To 250, Deduct</i>	-2.10	
			<i>For >250 To 500, Deduct</i>	-3.52	
			<i>For >500 To 1,000, Deduct</i>	-5.64	
			<i>For >1,000, Deduct</i>	-7.76	
			<i>For 316 Stainless Steel, Add</i>	91.84	
			<i>For Aluminum, Add</i>	5.17	
			<i>For Galvanized Steel, Add</i>	17.79	
			<i>For 304 Stainless Steel, Add</i>	81.80	
05 12 23 00-0589	LF		MC8 x 20 - 8" Wide Channel.....	60.69	22.50
			<i>For >100 To 250, Deduct</i>	-2.25	
			<i>For >250 To 500, Deduct</i>	-3.77	
			<i>For >500 To 1,000, Deduct</i>	-6.03	
			<i>For >1,000, Deduct</i>	-8.30	
			<i>For 316 Stainless Steel, Add</i>	98.21	
			<i>For Aluminum, Add</i>	5.52	
			<i>For Galvanized Steel, Add</i>	19.03	
			<i>For 304 Stainless Steel, Add</i>	87.47	
05 12 23 00-0590	LF		MC8 x 21.4 - 8" Wide Channel.....	64.95	24.08
			<i>For >100 To 250, Deduct</i>	-2.41	
			<i>For >250 To 500, Deduct</i>	-4.03	
			<i>For >500 To 1,000, Deduct</i>	-6.46	
			<i>For >1,000, Deduct</i>	-8.89	
			<i>For 316 Stainless Steel, Add</i>	105.09	
			<i>For Aluminum, Add</i>	5.91	
			<i>For Galvanized Steel, Add</i>	20.36	
			<i>For 304 Stainless Steel, Add</i>	93.59	
05 12 23 00-0591	LF		MC8 x 22.8 - 8" Wide Channel.....	69.18	25.66
			<i>For >100 To 250, Deduct</i>	-2.56	
			<i>For >250 To 500, Deduct</i>	-4.29	
			<i>For >500 To 1,000, Deduct</i>	-6.88	
			<i>For >1,000, Deduct</i>	-9.46	
			<i>For 316 Stainless Steel, Add</i>	111.97	
			<i>For Aluminum, Add</i>	6.30	
			<i>For Galvanized Steel, Add</i>	21.69	
			<i>For 304 Stainless Steel, Add</i>	99.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0592 LF MC9 x 23.9 - 9" Wide Channel	72.53	26.89
For >100 To 250, Deduct	-2.69	
For >250 To 500, Deduct	-4.50	
For >500 To 1,000, Deduct	-7.21	
For >1,000, Deduct	-9.92	
For 316 Stainless Steel, Add	117.38	
For Aluminum, Add	6.60	
For Galvanized Steel, Add	22.74	
For 304 Stainless Steel, Add	104.54	
05 12 23 00-0593 LF MC9 x 25.4 - 9" Wide Channel	77.07	28.57
For >100 To 250, Deduct	-2.86	
For >250 To 500, Deduct	-4.78	
For >500 To 1,000, Deduct	-7.66	
For >1,000, Deduct	-10.54	
For 316 Stainless Steel, Add	124.74	
For Aluminum, Add	7.02	
For Galvanized Steel, Add	24.17	
For 304 Stainless Steel, Add	111.09	
05 12 23 00-0594 LF MC10 x 6.5 - 10" Wide Channel	19.74	7.31
For >100 To 250, Deduct	-0.73	
For >250 To 500, Deduct	-1.23	
For >500 To 1,000, Deduct	-1.96	
For >1,000, Deduct	-2.70	
For 316 Stainless Steel, Add	31.94	
For Aluminum, Add	1.80	
For Galvanized Steel, Add	6.19	
For 304 Stainless Steel, Add	28.44	
05 12 23 00-0595 LF MC10 x 8.4 - 10" Wide Channel	25.49	9.45
For >100 To 250, Deduct	-0.95	
For >250 To 500, Deduct	-1.58	
For >500 To 1,000, Deduct	-2.53	
For >1,000, Deduct	-3.49	
For 316 Stainless Steel, Add	41.25	
For Aluminum, Add	2.32	
For Galvanized Steel, Add	7.99	
For 304 Stainless Steel, Add	36.74	
05 12 23 00-0596 LF MC10 x 21.9 - 10" Wide Channel	66.46	24.64
For >100 To 250, Deduct	-2.46	
For >250 To 500, Deduct	-4.13	
For >500 To 1,000, Deduct	-6.61	
For >1,000, Deduct	-9.09	
For 316 Stainless Steel, Add	107.55	
For Aluminum, Add	6.05	
For Galvanized Steel, Add	20.84	
For 304 Stainless Steel, Add	95.79	
05 12 23 00-0597 LF MC10 x 24.9 - 10" Wide Channel	75.57	28.02
For >100 To 250, Deduct	-2.80	
For >250 To 500, Deduct	-4.69	
For >500 To 1,000, Deduct	-7.51	
For >1,000, Deduct	-10.34	
For 316 Stainless Steel, Add	122.27	
For Aluminum, Add	6.88	
For Galvanized Steel, Add	23.69	
For 304 Stainless Steel, Add	108.90	
05 12 23 00-0598 LF MC10 x 25.3 - 10" Wide Channel	76.78	28.47
For >100 To 250, Deduct	-2.85	
For >250 To 500, Deduct	-4.77	
For >500 To 1,000, Deduct	-7.63	
For >1,000, Deduct	-10.50	
For 316 Stainless Steel, Add	124.26	
For Aluminum, Add	6.99	
For Galvanized Steel, Add	24.07	
For 304 Stainless Steel, Add	110.67	
05 12 23 00-0599 LF MC10 x 28.3 - 10" Wide Channel	85.89	31.83
For >100 To 250, Deduct	-3.18	
For >250 To 500, Deduct	-5.33	
For >500 To 1,000, Deduct	-8.54	
For >1,000, Deduct	-11.75	
For 316 Stainless Steel, Add	138.98	
For Aluminum, Add	7.82	
For Galvanized Steel, Add	26.93	
For 304 Stainless Steel, Add	123.78	
05 12 23 00-0600 LF MC10 x 28.5 - 10" Wide Channel	86.49	32.07
For >100 To 250, Deduct	-3.21	
For >250 To 500, Deduct	-5.37	
For >500 To 1,000, Deduct	-8.60	
For >1,000, Deduct	-11.83	
For 316 Stainless Steel, Add	139.97	
For Aluminum, Add	7.87	
For Galvanized Steel, Add	27.12	
For 304 Stainless Steel, Add	124.66	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0601	LF		MC10 x 33.6 - 10" Wide Channel.....	101.96	37.80
			<i>For >100 To 250, Deduct</i>	-3.78	
			<i>For >250 To 500, Deduct</i>	-6.33	
			<i>For >500 To 1,000, Deduct</i>	-10.14	
			<i>For >1,000, Deduct</i>	-13.95	
			<i>For 316 Stainless Steel, Add</i>	164.99	
			<i>For Aluminum, Add</i>	9.28	
			<i>For Galvanized Steel, Add</i>	31.97	
			<i>For 304 Stainless Steel, Add</i>	146.95	
05 12 23 00-0602	LF		MC10 x 41.1 - 10" Wide Channel.....	124.72	46.25
			<i>For >100 To 250, Deduct</i>	-4.62	
			<i>For >250 To 500, Deduct</i>	-7.74	
			<i>For >500 To 1,000, Deduct</i>	-12.40	
			<i>For >1,000, Deduct</i>	-17.06	
			<i>For 316 Stainless Steel, Add</i>	201.82	
			<i>For Aluminum, Add</i>	11.35	
			<i>For Galvanized Steel, Add</i>	39.10	
			<i>For 304 Stainless Steel, Add</i>	179.75	
05 12 23 00-0603	LF		MC12 x 30.9 - 12" Wide Channel.....	93.78	34.76
			<i>For >100 To 250, Deduct</i>	-3.48	
			<i>For >250 To 500, Deduct</i>	-5.82	
			<i>For >500 To 1,000, Deduct</i>	-9.33	
			<i>For >1,000, Deduct</i>	-12.83	
			<i>For 316 Stainless Steel, Add</i>	151.74	
			<i>For Aluminum, Add</i>	8.54	
			<i>For Galvanized Steel, Add</i>	29.40	
			<i>For 304 Stainless Steel, Add</i>	135.15	
05 12 23 00-0604	LF		MC12 x 32.9 - 12" Wide Channel.....	99.85	37.00
			<i>For >100 To 250, Deduct</i>	-3.70	
			<i>For >250 To 500, Deduct</i>	-6.20	
			<i>For >500 To 1,000, Deduct</i>	-9.93	
			<i>For >1,000, Deduct</i>	-13.66	
			<i>For 316 Stainless Steel, Add</i>	161.57	
			<i>For Aluminum, Add</i>	9.09	
			<i>For Galvanized Steel, Add</i>	31.30	
			<i>For 304 Stainless Steel, Add</i>	143.90	
05 12 23 00-0605	LF		MC12 x 35 - 12" Wide Channel.....	106.21	39.37
			<i>For >100 To 250, Deduct</i>	-3.94	
			<i>For >250 To 500, Deduct</i>	-6.59	
			<i>For >500 To 1,000, Deduct</i>	-10.56	
			<i>For >1,000, Deduct</i>	-14.53	
			<i>For 316 Stainless Steel, Add</i>	171.87	
			<i>For Aluminum, Add</i>	9.67	
			<i>For Galvanized Steel, Add</i>	33.30	
			<i>For 304 Stainless Steel, Add</i>	153.07	
05 12 23 00-0606	LF		MC12 x 37 - 12" Wide Channel.....	112.29	41.63
			<i>For >100 To 250, Deduct</i>	-4.16	
			<i>For >250 To 500, Deduct</i>	-6.97	
			<i>For >500 To 1,000, Deduct</i>	-11.17	
			<i>For >1,000, Deduct</i>	-15.36	
			<i>For 316 Stainless Steel, Add</i>	181.70	
			<i>For Aluminum, Add</i>	10.22	
			<i>For Galvanized Steel, Add</i>	35.20	
			<i>For 304 Stainless Steel, Add</i>	161.82	
05 12 23 00-0607	LF		MC12 x 40 - 12" Wide Channel.....	121.39	45.00
			<i>For >100 To 250, Deduct</i>	-4.50	
			<i>For >250 To 500, Deduct</i>	-7.53	
			<i>For >500 To 1,000, Deduct</i>	-12.07	
			<i>For >1,000, Deduct</i>	-16.60	
			<i>For 316 Stainless Steel, Add</i>	196.45	
			<i>For Aluminum, Add</i>	11.05	
			<i>For Galvanized Steel, Add</i>	38.06	
			<i>For 304 Stainless Steel, Add</i>	174.96	
05 12 23 00-0608	LF		MC12 x 45 - 12" Wide Channel.....	136.57	50.63
			<i>For >100 To 250, Deduct</i>	-5.06	
			<i>For >250 To 500, Deduct</i>	-8.48	
			<i>For >500 To 1,000, Deduct</i>	-13.58	
			<i>For >1,000, Deduct</i>	-18.68	
			<i>For 316 Stainless Steel, Add</i>	220.99	
			<i>For Aluminum, Add</i>	12.43	
			<i>For Galvanized Steel, Add</i>	42.82	
			<i>For 304 Stainless Steel, Add</i>	196.82	
05 12 23 00-0609	LF		MC12 x 50 - 12" Wide Channel.....	151.73	56.25
			<i>For >100 To 250, Deduct</i>	-5.63	
			<i>For >250 To 500, Deduct</i>	-9.42	
			<i>For >500 To 1,000, Deduct</i>	-15.09	
			<i>For >1,000, Deduct</i>	-20.75	
			<i>For 316 Stainless Steel, Add</i>	245.54	
			<i>For Aluminum, Add</i>	13.81	
			<i>For Galvanized Steel, Add</i>	47.57	
			<i>For 304 Stainless Steel, Add</i>	218.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0610 LF MC13 x 31.8 - 13" Wide Channel	96.51	35.78
For >100 To 250, Deduct	-3.58	
For >250 To 500, Deduct	-5.99	
For >500 To 1,000, Deduct	-9.60	
For >1,000, Deduct	-13.20	
For 316 Stainless Steel, Add	156.16	
For Aluminum, Add	8.78	
For Galvanized Steel, Add	30.26	
For 304 Stainless Steel, Add	139.08	
05 12 23 00-0611 LF MC13 x 35 - 13" Wide Channel	106.21	39.37
For >100 To 250, Deduct	-3.94	
For >250 To 500, Deduct	-6.59	
For >500 To 1,000, Deduct	-10.56	
For >1,000, Deduct	-14.53	
For 316 Stainless Steel, Add	171.87	
For Aluminum, Add	9.67	
For Galvanized Steel, Add	33.30	
For 304 Stainless Steel, Add	153.07	
05 12 23 00-0612 LF MC13 x 40 - 13" Wide Channel	121.39	45.00
For >100 To 250, Deduct	-4.50	
For >250 To 500, Deduct	-7.53	
For >500 To 1,000, Deduct	-12.07	
For >1,000, Deduct	-16.60	
For 316 Stainless Steel, Add	196.45	
For Aluminum, Add	11.05	
For Galvanized Steel, Add	38.06	
For 304 Stainless Steel, Add	174.96	
05 12 23 00-0613 LF MC13 x 50 - 13" Wide Channel	151.73	56.25
For >100 To 250, Deduct	-5.63	
For >250 To 500, Deduct	-9.42	
For >500 To 1,000, Deduct	-15.09	
For >1,000, Deduct	-20.75	
For 316 Stainless Steel, Add	245.54	
For Aluminum, Add	13.81	
For Galvanized Steel, Add	47.57	
For 304 Stainless Steel, Add	218.68	
05 12 23 00-0614 LF MC18 x 42.7 - 18" Wide Channel	129.58	48.04
For >100 To 250, Deduct	-4.80	
For >250 To 500, Deduct	-8.04	
For >500 To 1,000, Deduct	-12.88	
For >1,000, Deduct	-17.72	
For 316 Stainless Steel, Add	209.70	
For Aluminum, Add	11.80	
For Galvanized Steel, Add	40.63	
For 304 Stainless Steel, Add	186.76	
05 12 23 00-0615 LF MC18 x 45.8 - 18" Wide Channel	138.99	51.53
For >100 To 250, Deduct	-5.15	
For >250 To 500, Deduct	-8.63	
For >500 To 1,000, Deduct	-13.82	
For >1,000, Deduct	-19.01	
For 316 Stainless Steel, Add	224.93	
For Aluminum, Add	12.65	
For Galvanized Steel, Add	43.58	
For 304 Stainless Steel, Add	200.33	
05 12 23 00-0616 LF MC18 x 51.9 - 18" Wide Channel	157.51	58.39
For >100 To 250, Deduct	-5.84	
For >250 To 500, Deduct	-9.78	
For >500 To 1,000, Deduct	-15.66	
For >1,000, Deduct	-21.55	
For 316 Stainless Steel, Add	254.88	
For Aluminum, Add	14.34	
For Galvanized Steel, Add	49.38	
For 304 Stainless Steel, Add	227.00	
05 12 23 00-0617 LF MC18 x 58 - 18" Wide Channel	176.01	65.25
For >100 To 250, Deduct	-6.53	
For >250 To 500, Deduct	-10.93	
For >500 To 1,000, Deduct	-17.50	
For >1,000, Deduct	-24.08	
For 316 Stainless Steel, Add	284.83	
For Aluminum, Add	16.02	
For Galvanized Steel, Add	55.19	
For 304 Stainless Steel, Add	253.68	
05 12 23 00-0618 Structural Bar Tees (05 12 23 00-0422)		
05 12 23 00-0619 LF 3/4" x 3/4" x 1/8" Structural Bar Tee	5.23	2.99
For >100 To 250, Deduct	-0.30	
For >250 To 500, Deduct	-0.43	
For >500 To 1,000, Deduct	-0.66	
For >1,000, Deduct	-0.89	
For 316 Stainless Steel, Add	3.97	
For Aluminum, Add	0.22	
For Galvanized Steel, Add	0.77	
For 304 Stainless Steel, Add	3.53	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0620	LF		1" x 1" x 1/8" Structural Bar Tee	6.41	3.53
			<i>For >100 To 250, Deduct</i>	-0.35	
			<i>For >250 To 500, Deduct</i>	-0.51	
			<i>For >500 To 1,000, Deduct</i>	-0.79	
			<i>For >1,000, Deduct</i>	-1.07	
			<i>For 316 Stainless Steel, Add</i>	5.44	
			<i>For Aluminum, Add</i>	0.31	
			<i>For Galvanized Steel, Add</i>	1.05	
			<i>For 304 Stainless Steel, Add</i>	4.85	
05 12 23 00-0621	LF		1-1/2" x 1-1/2" x 1/4" Structural Bar Tee	10.30	4.07
			<i>For >100 To 250, Deduct</i>	-0.41	
			<i>For >250 To 500, Deduct</i>	-0.66	
			<i>For >500 To 1,000, Deduct</i>	-1.06	
			<i>For >1,000, Deduct</i>	-1.45	
			<i>For 316 Stainless Steel, Add</i>	15.58	
			<i>For Aluminum, Add</i>	0.88	
			<i>For Galvanized Steel, Add</i>	3.02	
			<i>For 304 Stainless Steel, Add</i>	13.88	
05 12 23 00-0622	LF		2" x 2" x 1/4" Structural Bar Tee	14.35	5.33
			<i>For >100 To 250, Deduct</i>	-0.53	
			<i>For >250 To 500, Deduct</i>	-0.89	
			<i>For >500 To 1,000, Deduct</i>	-1.43	
			<i>For >1,000, Deduct</i>	-1.96	
			<i>For 316 Stainless Steel, Add</i>	23.20	
			<i>For Aluminum, Add</i>	1.31	
			<i>For Galvanized Steel, Add</i>	4.50	
			<i>For 304 Stainless Steel, Add</i>	20.66	
05 12 23 00-0623	LF		2-1/2" x 2-1/2" x 3/8" Structural Bar Tee	21.59	6.43
			<i>For >100 To 250, Deduct</i>	-0.64	
			<i>For >250 To 500, Deduct</i>	-1.18	
			<i>For >500 To 1,000, Deduct</i>	-1.94	
			<i>For >1,000, Deduct</i>	-2.69	
			<i>For 316 Stainless Steel, Add</i>	41.63	
			<i>For Aluminum, Add</i>	2.34	
			<i>For Galvanized Steel, Add</i>	8.07	
			<i>For 304 Stainless Steel, Add</i>	37.08	
05 12 23 00-0624	LF		3" x 3" x 3/8" Structural Bar Tee	26.59	8.23
			<i>For >100 To 250, Deduct</i>	-0.82	
			<i>For >250 To 500, Deduct</i>	-1.49	
			<i>For >500 To 1,000, Deduct</i>	-2.43	
			<i>For >1,000, Deduct</i>	-3.37	
			<i>For 316 Stainless Steel, Add</i>	49.98	
			<i>For Aluminum, Add</i>	2.81	
			<i>For Galvanized Steel, Add</i>	9.68	
			<i>For 304 Stainless Steel, Add</i>	44.52	
05 12 23 00-0625			Structural Zees <small>(05 12 23 00-0422)</small>		
05 12 23 00-0626	LF		1-1/4" x 1-3/4" x 1-3/4" x 3/16" Structural Zee.....	12.68	4.07
			<i>For >100 To 250, Deduct</i>	-0.41	
			<i>For >250 To 500, Deduct</i>	-0.72	
			<i>For >500 To 1,000, Deduct</i>	-1.18	
			<i>For >1,000, Deduct</i>	-1.63	
			<i>For 316 Stainless Steel, Add</i>	23.20	
			<i>For Aluminum, Add</i>	1.31	
			<i>For Galvanized Steel, Add</i>	4.50	
			<i>For 304 Stainless Steel, Add</i>	20.66	
05 12 23 00-0627	LF		2-11/16" x 3" x 2-11/16" x 1/4" Structural Zee.....	23.84	4.86
			<i>For >100 To 250, Deduct</i>	-0.49	
			<i>For >250 To 500, Deduct</i>	-1.08	
			<i>For >500 To 1,000, Deduct</i>	-1.84	
			<i>For >1,000, Deduct</i>	-2.60	
			<i>For 316 Stainless Steel, Add</i>	55.55	
			<i>For Aluminum, Add</i>	3.12	
			<i>For Galvanized Steel, Add</i>	10.76	
			<i>For 304 Stainless Steel, Add</i>	49.48	
05 12 23 00-0628	LF		3-1/16" x 4" x 3-1/16" x 1/4" Structural Zee.....	28.57	5.49
			<i>For >100 To 250, Deduct</i>	-0.55	
			<i>For >250 To 500, Deduct</i>	-1.26	
			<i>For >500 To 1,000, Deduct</i>	-2.16	
			<i>For >1,000, Deduct</i>	-3.06	
			<i>For 316 Stainless Steel, Add</i>	68.00	
			<i>For Aluminum, Add</i>	3.83	
			<i>For Galvanized Steel, Add</i>	13.18	
			<i>For 304 Stainless Steel, Add</i>	60.56	
05 12 23 00-0629	LF		3-1/4" x 5" x 3-1/4" x 5/16" Structural Zee.....	38.42	6.27
			<i>For >100 To 250, Deduct</i>	-0.63	
			<i>For >250 To 500, Deduct</i>	-1.59	
			<i>For >500 To 1,000, Deduct</i>	-2.76	
			<i>For >1,000, Deduct</i>	-3.93	
			<i>For 316 Stainless Steel, Add</i>	96.19	
			<i>For Aluminum, Add</i>	5.41	
			<i>For Galvanized Steel, Add</i>	18.64	
			<i>For 304 Stainless Steel, Add</i>	85.67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0630 LF 3-1/2" x 6" x 3-1/2" x 3/8" Structural Zee.....	49.78	6.82
For >100 To 250, Deduct	-0.68	
For >250 To 500, Deduct	-1.93	
For >500 To 1,000, Deduct	-3.40	
For >1,000, Deduct	-4.87	
For 316 Stainless Steel, Add	130.18	
For Aluminum, Add	7.32	
For Galvanized Steel, Add	25.22	
For 304 Stainless Steel, Add	115.94	
05 12 23 00-0631 Junior I-Beams (05 12 23 00-0422)		
05 12 23 00-0632 LF 3" Junior I-Beam, 2.9 LB/LF.....	17.40	5.88
For >100 To 250, Deduct	-0.59	
For >250 To 500, Deduct	-1.02	
For >500 To 1,000, Deduct	-1.65	
For >1,000, Deduct	-2.29	
For 316 Stainless Steel, Add	30.59	
For Aluminum, Add	1.72	
For Galvanized Steel, Add	5.93	
For 304 Stainless Steel, Add	27.25	
05 12 23 00-0633 LF 4" Junior I-Beam, 3.2 LB/LF.....	19.13	6.43
For >100 To 250, Deduct	-0.64	
For >250 To 500, Deduct	-1.12	
For >500 To 1,000, Deduct	-1.81	
For >1,000, Deduct	-2.51	
For 316 Stainless Steel, Add	33.76	
For Aluminum, Add	1.90	
For Galvanized Steel, Add	6.54	
For 304 Stainless Steel, Add	30.07	
05 12 23 00-0634 LF 5" Junior I-Beam, 3.8 LB/LF.....	21.94	7.05
For >100 To 250, Deduct	-0.71	
For >250 To 500, Deduct	-1.25	
For >500 To 1,000, Deduct	-2.04	
For >1,000, Deduct	-2.82	
For 316 Stainless Steel, Add	40.10	
For Aluminum, Add	2.26	
For Galvanized Steel, Add	7.77	
For 304 Stainless Steel, Add	35.71	
05 12 23 00-0635 LF 6" Junior I-Beam, 4.4 LB/LF.....	24.76	7.69
For >100 To 250, Deduct	-0.77	
For >250 To 500, Deduct	-1.39	
For >500 To 1,000, Deduct	-2.26	
For >1,000, Deduct	-3.14	
For 316 Stainless Steel, Add	46.43	
For Aluminum, Add	2.61	
For Galvanized Steel, Add	9.00	
For 304 Stainless Steel, Add	41.35	
05 12 23 00-0636 LF 7" Junior I-Beam, 5.5 LB/LF.....	29.11	8.23
For >100 To 250, Deduct	-0.82	
For >250 To 500, Deduct	-1.55	
For >500 To 1,000, Deduct	-2.55	
For >1,000, Deduct	-3.55	
For 316 Stainless Steel, Add	58.05	
For Aluminum, Add	3.27	
For Galvanized Steel, Add	11.25	
For 304 Stainless Steel, Add	51.70	
05 12 23 00-0637 LF 8" Junior I-Beam, 6.5 LB/LF.....	33.15	8.78
For >100 To 250, Deduct	-0.88	
For >250 To 500, Deduct	-1.71	
For >500 To 1,000, Deduct	-2.83	
For >1,000, Deduct	-3.95	
For 316 Stainless Steel, Add	68.61	
For Aluminum, Add	3.86	
For Galvanized Steel, Add	13.29	
For 304 Stainless Steel, Add	61.10	
05 12 23 00-0638 LF 10" Junior I-Beam, 9 LB/LF.....	43.06	10.04
For >100 To 250, Deduct	-1.00	
For >250 To 500, Deduct	-2.08	
For >500 To 1,000, Deduct	-3.49	
For >1,000, Deduct	-4.90	
For 316 Stainless Steel, Add	94.98	
For Aluminum, Add	5.34	
For Galvanized Steel, Add	18.40	
For 304 Stainless Steel, Add	84.59	
05 12 23 00-0639 LF 12" Junior I-Beam, 11.8 LB/LF.....	54.80	11.92
For >100 To 250, Deduct	-1.19	
For >250 To 500, Deduct	-2.56	
For >500 To 1,000, Deduct	-4.33	
For >1,000, Deduct	-6.10	
For 316 Stainless Steel, Add	124.51	
For Aluminum, Add	7.00	
For Galvanized Steel, Add	24.12	
For 304 Stainless Steel, Add	110.89	
05 12 23 00-0640 Round Stock (05 12 23 00-0422)		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0641	LF		1/4" Carbon Steel Rounds, ASTM A108	2.45	
			<i>For 316 Stainless Steel, Add</i>	4.48	
			<i>For Aluminum, Add</i>	0.25	
			<i>For Galvanized Steel, Add</i>	0.87	
			<i>For 304 Stainless Steel, Add</i>	3.99	
05 12 23 00-0642	LF		3/8" Carbon Steel Rounds, ASTM A108	3.95	
			<i>For 316 Stainless Steel, Add</i>	8.83	
			<i>For Aluminum, Add</i>	0.50	
			<i>For Galvanized Steel, Add</i>	1.71	
			<i>For 304 Stainless Steel, Add</i>	7.87	
05 12 23 00-0643	LF		1/2" Carbon Steel Rounds, ASTM A108	5.51	
			<i>For 316 Stainless Steel, Add</i>	13.44	
			<i>For Aluminum, Add</i>	0.76	
			<i>For Galvanized Steel, Add</i>	2.60	
			<i>For 304 Stainless Steel, Add</i>	11.97	
05 12 23 00-0644	LF		5/8" Carbon Steel Rounds, ASTM A108	8.45	
			<i>For 316 Stainless Steel, Add</i>	22.40	
			<i>For Aluminum, Add</i>	1.26	
			<i>For Galvanized Steel, Add</i>	4.34	
			<i>For 304 Stainless Steel, Add</i>	19.95	
05 12 23 00-0645	LF		3/4" Carbon Steel Rounds, ASTM A108	10.06	
			<i>For 316 Stainless Steel, Add</i>	26.62	
			<i>For Aluminum, Add</i>	1.50	
			<i>For Galvanized Steel, Add</i>	5.16	
			<i>For 304 Stainless Steel, Add</i>	23.71	
05 12 23 00-0646	LF		7/8" Carbon Steel Rounds, ASTM A108	11.74	
			<i>For 316 Stainless Steel, Add</i>	31.10	
			<i>For Aluminum, Add</i>	1.75	
			<i>For Galvanized Steel, Add</i>	6.03	
			<i>For 304 Stainless Steel, Add</i>	27.70	
05 12 23 00-0647	LF		1" Carbon Steel Rounds, ASTM A108	17.19	
			<i>For 316 Stainless Steel, Add</i>	47.39	
			<i>For Aluminum, Add</i>	2.67	
			<i>For Galvanized Steel, Add</i>	9.18	
			<i>For 304 Stainless Steel, Add</i>	42.21	
05 12 23 00-0648	LF		1-1/8" Carbon Steel Rounds, ASTM A108	20.89	
			<i>For 316 Stainless Steel, Add</i>	57.57	
			<i>For Aluminum, Add</i>	3.24	
			<i>For Galvanized Steel, Add</i>	11.15	
			<i>For 304 Stainless Steel, Add</i>	51.27	
05 12 23 00-0649	LF		1-1/4" Carbon Steel Rounds, ASTM A108	24.91	
			<i>For 316 Stainless Steel, Add</i>	67.74	
			<i>For Aluminum, Add</i>	3.81	
			<i>For Galvanized Steel, Add</i>	13.13	
			<i>For 304 Stainless Steel, Add</i>	60.33	
05 12 23 00-0650	LF		1-3/8" Carbon Steel Rounds, ASTM A108	30.19	
			<i>For 316 Stainless Steel, Add</i>	82.69	
			<i>For Aluminum, Add</i>	4.65	
			<i>For Galvanized Steel, Add</i>	16.02	
			<i>For 304 Stainless Steel, Add</i>	73.64	
05 12 23 00-0651	LF		1-1/2" Carbon Steel Rounds, ASTM A108	33.58	
			<i>For 316 Stainless Steel, Add</i>	90.72	
			<i>For Aluminum, Add</i>	5.10	
			<i>For Galvanized Steel, Add</i>	17.58	
			<i>For 304 Stainless Steel, Add</i>	80.80	
05 12 23 00-0652	LF		1-5/8" Carbon Steel Rounds, ASTM A108	38.65	
			<i>For 316 Stainless Steel, Add</i>	102.78	
			<i>For Aluminum, Add</i>	5.78	
			<i>For Galvanized Steel, Add</i>	19.91	
			<i>For 304 Stainless Steel, Add</i>	91.54	
05 12 23 00-0653	LF		1-3/4" Carbon Steel Rounds, ASTM A108	46.10	
			<i>For 316 Stainless Steel, Add</i>	119.62	
			<i>For Aluminum, Add</i>	6.73	
			<i>For Galvanized Steel, Add</i>	23.18	
			<i>For 304 Stainless Steel, Add</i>	106.53	
05 12 23 00-0654	LF		1-7/8" Carbon Steel Rounds, ASTM A108	55.29	
			<i>For 316 Stainless Steel, Add</i>	140.13	
			<i>For Aluminum, Add</i>	7.88	
			<i>For Galvanized Steel, Add</i>	27.15	
			<i>For 304 Stainless Steel, Add</i>	124.80	
05 12 23 00-0655	LF		2" Carbon Steel Rounds, ASTM A108	62.94	
			<i>For 316 Stainless Steel, Add</i>	155.87	
			<i>For Aluminum, Add</i>	8.77	
			<i>For Galvanized Steel, Add</i>	30.20	
			<i>For 304 Stainless Steel, Add</i>	138.82	
05 12 23 00-0656	LF		2-1/8" Carbon Steel Rounds, ASTM A108	73.31	
			<i>For 316 Stainless Steel, Add</i>	178.02	
			<i>For Aluminum, Add</i>	10.01	
			<i>For Galvanized Steel, Add</i>	34.49	
			<i>For 304 Stainless Steel, Add</i>	158.55	
05 12 23 00-0657	LF		2-1/4" Carbon Steel Rounds, ASTM A108	82.88	
			<i>For 316 Stainless Steel, Add</i>	200.16	
			<i>For Aluminum, Add</i>	11.26	
			<i>For Galvanized Steel, Add</i>	38.78	
			<i>For 304 Stainless Steel, Add</i>	178.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0658 LF 2-3/8" Carbon Steel Rounds, ASTM A108	94.92	
<i>For 316 Stainless Steel, Add</i>	228.93	
<i>For Aluminum, Add</i>	12.88	
<i>For Galvanized Steel, Add</i>	44.35	
<i>For 304 Stainless Steel, Add</i>	203.89	
05 12 23 00-0659 LF 2-1/2" Carbon Steel Rounds, ASTM A108	104.55	
<i>For 316 Stainless Steel, Add</i>	246.72	
<i>For Aluminum, Add</i>	13.88	
<i>For Galvanized Steel, Add</i>	47.80	
<i>For 304 Stainless Steel, Add</i>	219.74	
05 12 23 00-0660 LF 2-5/8" Carbon Steel Rounds, ASTM A108	128.44	
<i>For 316 Stainless Steel, Add</i>	313.41	
<i>For Aluminum, Add</i>	17.63	
<i>For Galvanized Steel, Add</i>	60.72	
<i>For 304 Stainless Steel, Add</i>	279.13	
05 12 23 00-0661 LF 2-3/4" Carbon Steel Rounds, ASTM A108	146.26	
<i>For 316 Stainless Steel, Add</i>	357.41	
<i>For Aluminum, Add</i>	20.10	
<i>For Galvanized Steel, Add</i>	69.25	
<i>For 304 Stainless Steel, Add</i>	318.32	
05 12 23 00-0662 LF 2-7/8 Carbon Steel Rounds, ASTM A108	163.10	
<i>For 316 Stainless Steel, Add</i>	398.27	
<i>For Aluminum, Add</i>	22.40	
<i>For Galvanized Steel, Add</i>	77.17	
<i>For 304 Stainless Steel, Add</i>	354.71	
05 12 23 00-0663 LF 3" Carbon Steel Rounds, ASTM A108	170.89	
<i>For 316 Stainless Steel, Add</i>	410.21	
<i>For Aluminum, Add</i>	23.07	
<i>For Galvanized Steel, Add</i>	79.48	
<i>For 304 Stainless Steel, Add</i>	365.34	
05 12 23 00-0664 LF 3-1/8" Carbon Steel Rounds, ASTM A108	177.81	
<i>For 316 Stainless Steel, Add</i>	419.33	
<i>For Aluminum, Add</i>	23.59	
<i>For Galvanized Steel, Add</i>	81.24	
<i>For 304 Stainless Steel, Add</i>	373.46	
05 12 23 00-0665 LF 3-1/4" Carbon Steel Rounds, ASTM A108	187.22	
<i>For 316 Stainless Steel, Add</i>	436.42	
<i>For Aluminum, Add</i>	24.55	
<i>For Galvanized Steel, Add</i>	84.56	
<i>For 304 Stainless Steel, Add</i>	388.68	
05 12 23 00-0666 LF 3-1/2" Carbon Steel Rounds, ASTM A108	228.97	
<i>For 316 Stainless Steel, Add</i>	553.76	
<i>For Aluminum, Add</i>	31.15	
<i>For Galvanized Steel, Add</i>	107.29	
<i>For 304 Stainless Steel, Add</i>	493.19	
05 12 23 00-0667 LF 3-5/8" Carbon Steel Rounds, ASTM A108	254.59	
<i>For 316 Stainless Steel, Add</i>	619.46	
<i>For Aluminum, Add</i>	34.84	
<i>For Galvanized Steel, Add</i>	120.02	
<i>For 304 Stainless Steel, Add</i>	551.70	
05 12 23 00-0668 LF 3-3/4" Carbon Steel Rounds, ASTM A108	273.17	
<i>For 316 Stainless Steel, Add</i>	662.66	
<i>For Aluminum, Add</i>	37.27	
<i>For Galvanized Steel, Add</i>	128.39	
<i>For 304 Stainless Steel, Add</i>	590.18	
05 12 23 00-0669 LF 4" Carbon Steel Rounds, ASTM A108	306.93	
<i>For 316 Stainless Steel, Add</i>	754.43	
<i>For Aluminum, Add</i>	42.44	
<i>For Galvanized Steel, Add</i>	146.17	
<i>For 304 Stainless Steel, Add</i>	671.92	
 05 12 23 00-0670 Square Stock <small>(05 12 23 00-0422)</small>		
05 12 23 00-0671 LF 3/8" Square Bar Stock	1.92	
<i>For 316 Stainless Steel, Add</i>	2.34	
<i>For Aluminum, Add</i>	0.13	
<i>For Galvanized Steel, Add</i>	0.45	
<i>For 304 Stainless Steel, Add</i>	2.08	
05 12 23 00-0672 LF 1/2" Square Bar Stock	2.61	
<i>For 316 Stainless Steel, Add</i>	4.16	
<i>For Aluminum, Add</i>	0.23	
<i>For Galvanized Steel, Add</i>	0.81	
<i>For 304 Stainless Steel, Add</i>	3.71	
05 12 23 00-0673 LF 5/8" Square Bar Stock	3.48	
<i>For 316 Stainless Steel, Add</i>	6.50	
<i>For Aluminum, Add</i>	0.37	
<i>For Galvanized Steel, Add</i>	1.26	
<i>For 304 Stainless Steel, Add</i>	5.79	
05 12 23 00-0674 LF 3/4" Square Bar Stock	4.66	
<i>For 316 Stainless Steel, Add</i>	9.34	
<i>For Aluminum, Add</i>	0.53	
<i>For Galvanized Steel, Add</i>	1.81	
<i>For 304 Stainless Steel, Add</i>	8.32	
05 12 23 00-0675 LF 7/8" Square Bar Stock	6.10	
<i>For 316 Stainless Steel, Add</i>	13.06	
<i>For Aluminum, Add</i>	0.73	
<i>For Galvanized Steel, Add</i>	2.53	
<i>For 304 Stainless Steel, Add</i>	11.63	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0676	LF		1" Square Bar Stock	7.59	
			For 316 Stainless Steel, Add	16.67	
			For Aluminum, Add	0.94	
			For Galvanized Steel, Add	3.23	
			For 304 Stainless Steel, Add	14.85	
05 12 23 00-0677	LF		1-1/4" Square Bar Stock	11.87	
			For 316 Stainless Steel, Add	26.02	
			For Aluminum, Add	1.46	
			For Galvanized Steel, Add	5.04	
			For 304 Stainless Steel, Add	23.17	
05 12 23 00-0678	LF		1-1/2" Square Bar Stock	16.94	
			For 316 Stainless Steel, Add	37.47	
			For Aluminum, Add	2.11	
			For Galvanized Steel, Add	7.26	
			For 304 Stainless Steel, Add	33.37	
05 12 23 00-0679	LF		1-3/4" Square Bar Stock	25.00	
			For 316 Stainless Steel, Add	52.10	
			For Aluminum, Add	2.93	
			For Galvanized Steel, Add	10.09	
			For 304 Stainless Steel, Add	46.40	
05 12 23 00-0680	LF		2" Square Bar Stock	35.45	
			For 316 Stainless Steel, Add	66.62	
			For Aluminum, Add	3.75	
			For Galvanized Steel, Add	12.91	
			For 304 Stainless Steel, Add	59.34	
05 12 23 00-0681			Steel Tubing <small>(05 12 23 00-0422)</small>		
			Note: General purpose low-carbon steel.		
05 12 23 00-0682			Square Steel Tubing <small>(05 12 23 00-0681)</small>		
05 12 23 00-0683			0.06" Wall Thickness <small>(05 12 23 00-0682)</small>		
05 12 23 00-0684	LF		1/2" x 1/2" x 0.06" Square Steel Tubing	2.66	0.56
			For >100 To 250, Deduct	-0.06	
			For >250 To 500, Deduct	-0.12	
			For >500 To 1,000, Deduct	-0.21	
			For >1,000, Deduct	-0.29	
			For Galvanized Steel, Add	1.18	
05 12 23 00-0685	LF		3/4" x 3/4" x 0.06" Square Steel Tubing	4.09	0.89
			For >100 To 250, Deduct	-0.09	
			For >250 To 500, Deduct	-0.19	
			For >500 To 1,000, Deduct	-0.32	
			For >1,000, Deduct	-0.45	
			For Galvanized Steel, Add	1.80	
05 12 23 00-0686	LF		1" x 1" x 0.06" Square Steel Tubing	5.50	1.60
			For >100 To 250, Deduct	-0.12	
			For >250 To 500, Deduct	-0.26	
			For >500 To 1,000, Deduct	-0.44	
			For >1,000, Deduct	-0.61	
			For Galvanized Steel, Add	2.42	
05 12 23 00-0687	LF		1-1/4" x 1-1/4" x 0.06" Square Steel Tubing	7.29	1.52
			For >100 To 250, Deduct	-0.15	
			For >250 To 500, Deduct	-0.34	
			For >500 To 1,000, Deduct	-0.57	
			For >1,000, Deduct	-0.80	
			For Galvanized Steel, Add	3.26	
05 12 23 00-0688	LF		1-1/2" x 1-1/2" x 0.06" Square Steel Tubing	8.62	1.84
			For >100 To 250, Deduct	-0.18	
			For >250 To 500, Deduct	-0.40	
			For >500 To 1,000, Deduct	-0.68	
			For >1,000, Deduct	-0.95	
			For Galvanized Steel, Add	3.82	
05 12 23 00-0689			0.083" Wall Thickness <small>(05 12 23 00-0682)</small>		
05 12 23 00-0690	LF		3/4" x 3/4" x 0.083" Square Steel Tubing	4.76	1.04
			For >100 To 250, Deduct	-0.10	
			For >250 To 500, Deduct	-0.22	
			For >500 To 1,000, Deduct	-0.38	
			For >1,000, Deduct	-0.53	
			For Galvanized Steel, Add	2.10	
05 12 23 00-0691	LF		1" x 1" x 0.083" Square Steel Tubing	6.95	1.42
			For >100 To 250, Deduct	-0.14	
			For >250 To 500, Deduct	-0.32	
			For >500 To 1,000, Deduct	-0.54	
			For >1,000, Deduct	-0.76	
			For Galvanized Steel, Add	3.14	
05 12 23 00-0692	LF		1-1/4" x 1-1/4" x 0.083" Square Steel Tubing	8.38	1.80
			For >100 To 250, Deduct	-0.18	
			For >250 To 500, Deduct	-0.39	
			For >500 To 1,000, Deduct	-0.66	
			For >1,000, Deduct	-0.93	
			For Galvanized Steel, Add	3.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0693 LF 1-1/2" x 1-1/2" x 0.083" Square Steel Tubing	10.13	2.20
<i>For >100 To 250, Deduct</i>	-0.22	
<i>For >250 To 500, Deduct</i>	-0.47	
<i>For >500 To 1,000, Deduct</i>	-0.80	
<i>For >1,000, Deduct</i>	-1.13	
<i>For Galvanized Steel, Add</i>	4.46	
05 12 23 00-0694 LF 2" x 2" x 0.083" Square Steel Tubing.....	12.97	2.93
<i>For >100 To 250, Deduct</i>	-0.29	
<i>For >250 To 500, Deduct</i>	-0.62	
<i>For >500 To 1,000, Deduct</i>	-1.04	
<i>For >1,000, Deduct</i>	-1.46	
<i>For Galvanized Steel, Add</i>	5.62	
05 12 23 00-0695 0.12" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0696 LF 1" x 1" x 0.12" Square Steel Tubing.....	7.65	1.69
<i>For >100 To 250, Deduct</i>	-0.17	
<i>For >250 To 500, Deduct</i>	-0.36	
<i>For >500 To 1,000, Deduct</i>	-0.61	
<i>For >1,000, Deduct</i>	-0.86	
<i>For Galvanized Steel, Add</i>	3.34	
05 12 23 00-0697 LF 1-1/4" x 1-1/4" x 0.12" Square Steel Tubing	9.85	2.17
<i>For >100 To 250, Deduct</i>	-0.22	
<i>For >250 To 500, Deduct</i>	-0.46	
<i>For >500 To 1,000, Deduct</i>	-0.78	
<i>For >1,000, Deduct</i>	-1.10	
<i>For Galvanized Steel, Add</i>	4.32	
05 12 23 00-0698 LF 1-1/2" x 1-1/2" x 0.12" Square Steel Tubing	12.10	2.65
<i>For >100 To 250, Deduct</i>	-0.27	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >500 To 1,000, Deduct</i>	-0.96	
<i>For >1,000, Deduct</i>	-1.35	
<i>For Galvanized Steel, Add</i>	5.31	
05 12 23 00-0699 LF 2" x 2" x 0.12" Square Steel Tubing.....	16.37	3.61
<i>For >100 To 250, Deduct</i>	-0.36	
<i>For >250 To 500, Deduct</i>	-0.77	
<i>For >500 To 1,000, Deduct</i>	-1.30	
<i>For >1,000, Deduct</i>	-1.83	
<i>For Galvanized Steel, Add</i>	7.16	
05 12 23 00-0700 1/8" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0701 LF 2" x 2" x 1/8" Square Steel Tubing.....	14.64	3.75
<i>For >100 To 250, Deduct</i>	-0.38	
<i>For >250 To 500, Deduct</i>	-0.74	
<i>For >500 To 1,000, Deduct</i>	-1.23	
<i>For >1,000, Deduct</i>	-1.72	
<i>For Galvanized Steel, Add</i>	5.97	
05 12 23 00-0702 LF 2-1/2" x 2-1/2" x 1/8" Square Steel Tubing	19.34	4.76
<i>For >100 To 250, Deduct</i>	-0.48	
<i>For >250 To 500, Deduct</i>	-0.96	
<i>For >500 To 1,000, Deduct</i>	-1.60	
<i>For >1,000, Deduct</i>	-2.24	
<i>For Galvanized Steel, Add</i>	8.06	
05 12 23 00-0703 LF 3" x 3" x 1/8" Square Steel Tubing.....	22.62	5.75
<i>For >100 To 250, Deduct</i>	-0.58	
<i>For >250 To 500, Deduct</i>	-1.14	
<i>For >500 To 1,000, Deduct</i>	-1.90	
<i>For >1,000, Deduct</i>	-2.66	
<i>For Galvanized Steel, Add</i>	9.27	
05 12 23 00-0704 LF 3-1/2" x 3-1/2" x 1/8" Square Steel Tubing	26.20	6.75
<i>For >100 To 250, Deduct</i>	-0.68	
<i>For >250 To 500, Deduct</i>	-1.33	
<i>For >500 To 1,000, Deduct</i>	-2.21	
<i>For >1,000, Deduct</i>	-3.09	
<i>For Galvanized Steel, Add</i>	10.66	
05 12 23 00-0705 LF 4" x 4" x 1/8" Square Steel Tubing.....	28.80	7.76
<i>For >100 To 250, Deduct</i>	-0.78	
<i>For >250 To 500, Deduct</i>	-1.50	
<i>For >500 To 1,000, Deduct</i>	-2.47	
<i>For >1,000, Deduct</i>	-3.45	
<i>For Galvanized Steel, Add</i>	11.45	
05 12 23 00-0706 3/16" Wall Thickness (05 12 23 00-0682)		
05 12 23 00-0707 LF 2" x 2" x 3/16" Square Steel Tubing.....	16.59	4.23
<i>For >100 To 250, Deduct</i>	-0.42	
<i>For >250 To 500, Deduct</i>	-0.84	
<i>For >500 To 1,000, Deduct</i>	-1.39	
<i>For >1,000, Deduct</i>	-1.95	
<i>For Galvanized Steel, Add</i>	6.79	
05 12 23 00-0708 LF 2-1/2" x 2-1/2" x 3/16" Square Steel Tubing	21.48	5.48
<i>For >100 To 250, Deduct</i>	-0.55	
<i>For >250 To 500, Deduct</i>	-1.09	
<i>For >500 To 1,000, Deduct</i>	-1.81	
<i>For >1,000, Deduct</i>	-2.52	
<i>For Galvanized Steel, Add</i>	8.79	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0709	LF		3" x 3" x 3/16" Square Steel Tubing.....	26.40	6.73
			<i>For >100 To 250, Deduct</i>	-0.67	
			<i>For >250 To 500, Deduct</i>	-1.33	
			<i>For >500 To 1,000, Deduct</i>	-2.22	
			<i>For >1,000, Deduct</i>	-3.10	
			<i>For Galvanized Steel, Add</i>	10.80	
05 12 23 00-0710	LF		3-1/2" x 3-1/2" x 3/16" Square Steel Tubing.....	31.32	7.99
			<i>For >100 To 250, Deduct</i>	-0.80	
			<i>For >250 To 500, Deduct</i>	-1.58	
			<i>For >500 To 1,000, Deduct</i>	-2.63	
			<i>For >1,000, Deduct</i>	-3.68	
			<i>For Galvanized Steel, Add</i>	12.82	
05 12 23 00-0711	LF		4" x 4" x 3/16" Square Steel Tubing.....	36.20	9.23
			<i>For >100 To 250, Deduct</i>	-0.92	
			<i>For >250 To 500, Deduct</i>	-1.83	
			<i>For >500 To 1,000, Deduct</i>	-3.04	
			<i>For >1,000, Deduct</i>	-4.25	
			<i>For Galvanized Steel, Add</i>	14.81	
05 12 23 00-0712	LF		4-1/2" x 4-1/2" x 3/16" Square Steel Tubing.....	41.12	10.49
			<i>For >100 To 250, Deduct</i>	-1.05	
			<i>For >250 To 500, Deduct</i>	-2.08	
			<i>For >500 To 1,000, Deduct</i>	-3.46	
			<i>For >1,000, Deduct</i>	-4.83	
			<i>For Galvanized Steel, Add</i>	16.82	
05 12 23 00-0713	LF		5" x 5" x 3/16" Square Steel Tubing.....	45.99	11.73
			<i>For >100 To 250, Deduct</i>	-1.17	
			<i>For >250 To 500, Deduct</i>	-2.32	
			<i>For >500 To 1,000, Deduct</i>	-3.86	
			<i>For >1,000, Deduct</i>	-5.40	
			<i>For Galvanized Steel, Add</i>	18.82	
05 12 23 00-0714	LF		6" x 6" x 3/16" Square Steel Tubing.....	55.83	14.24
			<i>For >100 To 250, Deduct</i>	-1.42	
			<i>For >250 To 500, Deduct</i>	-2.82	
			<i>For >500 To 1,000, Deduct</i>	-4.69	
			<i>For >1,000, Deduct</i>	-6.56	
			<i>For Galvanized Steel, Add</i>	22.84	
05 12 23 00-0715			1/4" Wall Thickness <small>(05 12 23 00-0682)</small>		
05 12 23 00-0716	LF		2" x 2" x 1/4" Square Steel Tubing.....	17.76	4.24
			<i>For >100 To 250, Deduct</i>	-0.42	
			<i>For >250 To 500, Deduct</i>	-0.87	
			<i>For >500 To 1,000, Deduct</i>	-1.45	
			<i>For >1,000, Deduct</i>	-2.04	
			<i>For Galvanized Steel, Add</i>	7.51	
05 12 23 00-0717	LF		2-1/2" x 2-1/2" x 1/4" Square Steel Tubing.....	23.35	5.57
			<i>For >100 To 250, Deduct</i>	-0.56	
			<i>For >250 To 500, Deduct</i>	-1.14	
			<i>For >500 To 1,000, Deduct</i>	-1.91	
			<i>For >1,000, Deduct</i>	-2.68	
			<i>For Galvanized Steel, Add</i>	9.86	
05 12 23 00-0718	LF		3" x 3" x 1/4" Square Steel Tubing.....	28.93	6.90
			<i>For >100 To 250, Deduct</i>	-0.69	
			<i>For >250 To 500, Deduct</i>	-1.41	
			<i>For >500 To 1,000, Deduct</i>	-2.37	
			<i>For >1,000, Deduct</i>	-3.32	
			<i>For Galvanized Steel, Add</i>	12.23	
05 12 23 00-0719	LF		3-1/2" x 3-1/2" x 1/4" Square Steel Tubing.....	34.50	8.24
			<i>For >100 To 250, Deduct</i>	-0.82	
			<i>For >250 To 500, Deduct</i>	-1.69	
			<i>For >500 To 1,000, Deduct</i>	-2.82	
			<i>For >1,000, Deduct</i>	-3.96	
			<i>For Galvanized Steel, Add</i>	14.58	
05 12 23 00-0720	LF		4" x 4" x 1/4" Square Steel Tubing.....	40.09	9.57
			<i>For >100 To 250, Deduct</i>	-0.96	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500 To 1,000, Deduct</i>	-3.28	
			<i>For >1,000, Deduct</i>	-4.60	
			<i>For Galvanized Steel, Add</i>	16.94	
05 12 23 00-0721	LF		4-1/2" x 4-1/2" x 1/4" Square Steel Tubing.....	45.67	10.90
			<i>For >100 To 250, Deduct</i>	-1.09	
			<i>For >250 To 500, Deduct</i>	-2.23	
			<i>For >500 To 1,000, Deduct</i>	-3.74	
			<i>For >1,000, Deduct</i>	-5.24	
			<i>For Galvanized Steel, Add</i>	19.30	
05 12 23 00-0722	LF		5" x 5" x 1/4" Square Steel Tubing.....	51.29	12.24
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500 To 1,000, Deduct</i>	-4.20	
			<i>For >1,000, Deduct</i>	-5.89	
			<i>For Galvanized Steel, Add</i>	21.68	
05 12 23 00-0723	LF		6" x 6" x 1/4" Square Steel Tubing.....	62.45	14.91
			<i>For >100 To 250, Deduct</i>	-1.49	
			<i>For >250 To 500, Deduct</i>	-3.05	
			<i>For >500 To 1,000, Deduct</i>	-5.11	
			<i>For >1,000, Deduct</i>	-7.17	
			<i>For Galvanized Steel, Add</i>	26.39	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0724	Rectangular Steel Tubing <small>(05 12 23 00-0681)</small>		
05 12 23 00-0725	3/16" Wall Thickness <small>(05 12 23 00-0724)</small>		
05 12 23 00-0726	LF 3" x 2" x 3/16" Square Steel Tubing.....	21.48	5.48
	For >100 To 250, Deduct	-0.55	
	For >250 To 500, Deduct	-1.09	
	For >500 To 1,000, Deduct	-1.81	
	For >1,000, Deduct	-2.52	
	For Galvanized Steel, Add	8.79	
05 12 23 00-0727	LF 4" x 2" x 3/16" Square Steel Tubing.....	26.40	6.73
	For >100 To 250, Deduct	-0.67	
	For >250 To 500, Deduct	-1.33	
	For >500 To 1,000, Deduct	-2.22	
	For >1,000, Deduct	-3.10	
	For Galvanized Steel, Add	10.80	
05 12 23 00-0728	LF 4" x 3" x 3/16" Square Steel Tubing.....	31.32	7.99
	For >100 To 250, Deduct	-0.80	
	For >250 To 500, Deduct	-1.58	
	For >500 To 1,000, Deduct	-2.63	
	For >1,000, Deduct	-3.68	
	For Galvanized Steel, Add	12.82	
05 12 23 00-0729	LF 5" x 2" x 3/16" Square Steel Tubing.....	31.32	7.99
	For >100 To 250, Deduct	-0.80	
	For >250 To 500, Deduct	-1.58	
	For >500 To 1,000, Deduct	-2.63	
	For >1,000, Deduct	-3.68	
	For Galvanized Steel, Add	12.82	
05 12 23 00-0730	LF 5" x 3" x 3/16" Square Steel Tubing.....	36.20	9.23
	For >100 To 250, Deduct	-0.92	
	For >250 To 500, Deduct	-1.83	
	For >500 To 1,000, Deduct	-3.04	
	For >1,000, Deduct	-4.25	
	For Galvanized Steel, Add	14.81	
05 12 23 00-0731	LF 5" x 4" x 3/16" Square Steel Tubing.....	41.12	10.49
	For >100 To 250, Deduct	-1.05	
	For >250 To 500, Deduct	-2.08	
	For >500 To 1,000, Deduct	-3.46	
	For >1,000, Deduct	-4.83	
	For Galvanized Steel, Add	16.82	
05 12 23 00-0732	LF 6" x 2" x 3/16" Square Steel Tubing.....	36.20	9.23
	For >100 To 250, Deduct	-0.92	
	For >250 To 500, Deduct	-1.83	
	For >500 To 1,000, Deduct	-3.04	
	For >1,000, Deduct	-4.25	
	For Galvanized Steel, Add	14.81	
05 12 23 00-0733	LF 6" x 3" x 3/16" Square Steel Tubing.....	41.12	10.49
	For >100 To 250, Deduct	-1.05	
	For >250 To 500, Deduct	-2.08	
	For >500 To 1,000, Deduct	-3.46	
	For >1,000, Deduct	-4.83	
	For Galvanized Steel, Add	16.82	
05 12 23 00-0734	LF 6" x 4" x 3/16" Square Steel Tubing.....	45.99	11.73
	For >100 To 250, Deduct	-1.17	
	For >250 To 500, Deduct	-2.32	
	For >500 To 1,000, Deduct	-3.86	
	For >1,000, Deduct	-5.40	
	For Galvanized Steel, Add	18.82	
05 12 23 00-0735	1/4" Wall Thickness <small>(05 12 23 00-0724)</small>		
05 12 23 00-0736	LF 3" x 2" x 1/4" Square Steel Tubing.....	23.35	5.57
	For >100 To 250, Deduct	-0.56	
	For >250 To 500, Deduct	-1.14	
	For >500 To 1,000, Deduct	-1.91	
	For >1,000, Deduct	-2.68	
	For Galvanized Steel, Add	9.86	
05 12 23 00-0737	LF 4" x 2" x 1/4" Square Steel Tubing.....	28.93	6.90
	For >100 To 250, Deduct	-0.69	
	For >250 To 500, Deduct	-1.41	
	For >500 To 1,000, Deduct	-2.37	
	For >1,000, Deduct	-3.32	
	For Galvanized Steel, Add	12.23	
05 12 23 00-0738	LF 4" x 3" x 1/4" Square Steel Tubing.....	34.50	8.24
	For >100 To 250, Deduct	-0.82	
	For >250 To 500, Deduct	-1.69	
	For >500 To 1,000, Deduct	-2.82	
	For >1,000, Deduct	-3.96	
	For Galvanized Steel, Add	14.58	
05 12 23 00-0739	LF 5" x 2" x 1/4" Square Steel Tubing.....	34.50	8.24
	For >100 To 250, Deduct	-0.82	
	For >250 To 500, Deduct	-1.69	
	For >500 To 1,000, Deduct	-2.82	
	For >1,000, Deduct	-3.96	
	For Galvanized Steel, Add	14.58	

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0740	LF		5" x 3" x 1/4" Square Steel Tubing.....	40.09	9.57
			<i>For >100 To 250, Deduct</i>	-0.96	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500 To 1,000, Deduct</i>	-3.28	
			<i>For >1,000, Deduct</i>	-4.60	
			<i>For Galvanized Steel, Add</i>	16.94	
05 12 23 00-0741	LF		5" x 4" x 1/4" Square Steel Tubing.....	45.67	10.90
			<i>For >100 To 250, Deduct</i>	-1.09	
			<i>For >250 To 500, Deduct</i>	-2.23	
			<i>For >500 To 1,000, Deduct</i>	-3.74	
			<i>For >1,000, Deduct</i>	-5.24	
			<i>For Galvanized Steel, Add</i>	19.30	
05 12 23 00-0742	LF		6" x 2" x 1/4" Square Steel Tubing.....	40.09	9.57
			<i>For >100 To 250, Deduct</i>	-0.96	
			<i>For >250 To 500, Deduct</i>	-1.96	
			<i>For >500 To 1,000, Deduct</i>	-3.28	
			<i>For >1,000, Deduct</i>	-4.60	
			<i>For Galvanized Steel, Add</i>	16.94	
05 12 23 00-0743	LF		6" x 3" x 1/4" Square Steel Tubing.....	45.67	10.90
			<i>For >100 To 250, Deduct</i>	-1.09	
			<i>For >250 To 500, Deduct</i>	-2.23	
			<i>For >500 To 1,000, Deduct</i>	-3.74	
			<i>For >1,000, Deduct</i>	-5.24	
			<i>For Galvanized Steel, Add</i>	19.30	
05 12 23 00-0744	LF		6" x 4" x 1/4" Square Steel Tubing.....	51.29	12.24
			<i>For >100 To 250, Deduct</i>	-1.22	
			<i>For >250 To 500, Deduct</i>	-2.51	
			<i>For >500 To 1,000, Deduct</i>	-4.20	
			<i>For >1,000, Deduct</i>	-5.89	
			<i>For Galvanized Steel, Add</i>	21.68	
05 12 23 00-0745			Round Steel Tubing (05 12 23 00-0681)		
05 12 23 00-0746			0.065" Wall Thickness (05 12 23 00-0745)		
05 12 23 00-0747	LF		1" Diameter x 0.065" Round Steel Tubing	4.76	1.02
			<i>For >100 To 250, Deduct</i>	-0.10	
			<i>For >250 To 500, Deduct</i>	-0.22	
			<i>For >500 To 1,000, Deduct</i>	-0.37	
			<i>For >1,000, Deduct</i>	-0.53	
			<i>For Galvanized Steel, Add</i>	2.11	
05 12 23 00-0748	LF		1-1/4" Diameter x 0.065" Round Steel Tubing	6.03	1.29
			<i>For >100 To 250, Deduct</i>	-0.13	
			<i>For >250 To 500, Deduct</i>	-0.28	
			<i>For >500 To 1,000, Deduct</i>	-0.47	
			<i>For >1,000, Deduct</i>	-0.67	
			<i>For Galvanized Steel, Add</i>	2.67	
05 12 23 00-0749	LF		1-1/2" Diameter x 0.065" Round Steel Tubing	7.31	1.56
			<i>For >100 To 250, Deduct</i>	-0.16	
			<i>For >250 To 500, Deduct</i>	-0.34	
			<i>For >500 To 1,000, Deduct</i>	-0.57	
			<i>For >1,000, Deduct</i>	-0.81	
			<i>For Galvanized Steel, Add</i>	3.24	
05 12 23 00-0750	LF		2" Diameter x 0.065" Round Steel Tubing	9.85	2.11
			<i>For >100 To 250, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.46	
			<i>For >500 To 1,000, Deduct</i>	-0.77	
			<i>For >1,000, Deduct</i>	-1.09	
			<i>For Galvanized Steel, Add</i>	4.36	
05 12 23 00-0751	LF		2-1/2" Diameter x 0.065" Round Steel Tubing	12.40	2.65
			<i>For >100 To 250, Deduct</i>	-0.27	
			<i>For >250 To 500, Deduct</i>	-0.58	
			<i>For >500 To 1,000, Deduct</i>	-0.97	
			<i>For >1,000, Deduct</i>	-1.37	
			<i>For Galvanized Steel, Add</i>	5.49	
05 12 23 00-0752	LF		3" Diameter x 0.065" Round Steel Tubing	14.94	3.19
			<i>For >100 To 250, Deduct</i>	-0.32	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500 To 1,000, Deduct</i>	-1.17	
			<i>For >1,000, Deduct</i>	-1.65	
			<i>For Galvanized Steel, Add</i>	6.62	
05 12 23 00-0753	LF		3-1/2" Diameter x 0.065" Round Steel Tubing	17.49	3.74
			<i>For >100 To 250, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-0.81	
			<i>For >500 To 1,000, Deduct</i>	-1.37	
			<i>For >1,000, Deduct</i>	-1.94	
			<i>For Galvanized Steel, Add</i>	7.75	
05 12 23 00-0754	LF		4" Diameter x 0.065" Round Steel Tubing	20.03	4.28
			<i>For >100 To 250, Deduct</i>	-0.43	
			<i>For >250 To 500, Deduct</i>	-0.93	
			<i>For >500 To 1,000, Deduct</i>	-1.57	
			<i>For >1,000, Deduct</i>	-2.22	
			<i>For Galvanized Steel, Add</i>	8.88	
05 12 23 00-0755			0.083" Wall Thickness (05 12 23 00-0745)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 12 23 00-0756 LF 1" Diameter x 0.083" Round Steel Tubing	5.17	1.12
For >100 To 250, Deduct	-0.11	
For >250 To 500, Deduct	-0.24	
For >500 To 1,000, Deduct	-0.41	
For >1,000, Deduct	-0.57	
For Galvanized Steel, Add	2.28	
05 12 23 00-0757 LF 1-1/4" Diameter x 0.083" Round Steel Tubing	6.57	1.42
For >100 To 250, Deduct	-0.14	
For >250 To 500, Deduct	-0.31	
For >500 To 1,000, Deduct	-0.52	
For >1,000, Deduct	-0.73	
For Galvanized Steel, Add	2.90	
05 12 23 00-0758 LF 1-1/2" Diameter x 0.083" Round Steel Tubing	7.99	1.72
For >100 To 250, Deduct	-0.17	
For >250 To 500, Deduct	-0.37	
For >500 To 1,000, Deduct	-0.63	
For >1,000, Deduct	-0.89	
For Galvanized Steel, Add	3.53	
05 12 23 00-0759 LF 2" Diameter x 0.083" Round Steel Tubing	10.79	2.33
For >100 To 250, Deduct	-0.23	
For >250 To 500, Deduct	-0.50	
For >500 To 1,000, Deduct	-0.85	
For >1,000, Deduct	-1.20	
For Galvanized Steel, Add	4.77	
05 12 23 00-0760 LF 2-1/2" Diameter x 0.083" Round Steel Tubing	13.62	2.94
For >100 To 250, Deduct	-0.29	
For >250 To 500, Deduct	-0.63	
For >500 To 1,000, Deduct	-1.07	
For >1,000, Deduct	-1.51	
For Galvanized Steel, Add	6.01	
05 12 23 00-0761 LF 3" Diameter x 0.083" Round Steel Tubing	16.44	3.55
For >100 To 250, Deduct	-0.35	
For >250 To 500, Deduct	-0.77	
For >500 To 1,000, Deduct	-1.30	
For >1,000, Deduct	-1.82	
For Galvanized Steel, Add	7.26	
05 12 23 00-0762 LF 3-1/2" Diameter x 0.083" Round Steel Tubing	19.26	4.15
For >100 To 250, Deduct	-0.42	
For >250 To 500, Deduct	-0.90	
For >500 To 1,000, Deduct	-1.52	
For >1,000, Deduct	-2.14	
For Galvanized Steel, Add	8.51	
05 12 23 00-0763 LF 4" Diameter x 0.083" Round Steel Tubing	22.07	4.77
For >100 To 250, Deduct	-0.48	
For >250 To 500, Deduct	-1.03	
For >500 To 1,000, Deduct	-1.74	
For >1,000, Deduct	-2.45	
For Galvanized Steel, Add	9.75	
05 12 23 00-0764 0.125" Wall Thickness <small>(05 12 23 00-0745)</small>		
05 12 23 00-0765 LF 2" Diameter x 0.125" Round Steel Tubing	11.48	2.94
For >100 To 250, Deduct	-0.29	
For >250 To 500, Deduct	-0.58	
For >500 To 1,000, Deduct	-0.97	
For >1,000, Deduct	-1.35	
For Galvanized Steel, Add	4.68	
05 12 23 00-0766 LF 2-1/2" Diameter x 0.125" Round Steel Tubing	14.54	3.73
For >100 To 250, Deduct	-0.37	
For >250 To 500, Deduct	-0.74	
For >500 To 1,000, Deduct	-1.22	
For >1,000, Deduct	-1.71	
For Galvanized Steel, Add	5.93	
05 12 23 00-0767 LF 3" Diameter x 0.125" Round Steel Tubing	17.60	4.51
For >100 To 250, Deduct	-0.45	
For >250 To 500, Deduct	-0.89	
For >500 To 1,000, Deduct	-1.48	
For >1,000, Deduct	-2.07	
For Galvanized Steel, Add	7.18	
05 12 23 00-0768 LF 3-1/2" Diameter x 0.125" Round Steel Tubing	20.65	5.30
For >100 To 250, Deduct	-0.53	
For >250 To 500, Deduct	-1.05	
For >500 To 1,000, Deduct	-1.74	
For >1,000, Deduct	-2.43	
For Galvanized Steel, Add	8.43	
05 12 23 00-0769 LF 4" Diameter x 0.125" Round Steel Tubing	23.71	6.09
For >100 To 250, Deduct	-0.61	
For >250 To 500, Deduct	-1.20	
For >500 To 1,000, Deduct	-2.00	
For >1,000, Deduct	-2.79	
For Galvanized Steel, Add	9.67	
05 12 23 00-0770 Flat Steel Bar <small>(05 12 23 00-0422)</small>		
05 12 23 00-0771 1/8" Thick <small>(05 12 23 00-0770)</small>		

05 Metals**05 10 Structural Metal Framing****05 12 Structural Steel Framing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 12 23 00-0772	LF	1/8" Thick x 1" Wide Flat Steel Bar	3.24	1.46
		<i>For Galvanized Steel, Add</i>	0.64	
05 12 23 00-0773	LF	1/8" Thick x 2" Wide Flat Steel Bar	5.03	2.20
		<i>For Galvanized Steel, Add</i>	1.07	
05 12 23 00-0774	LF	1/8" Thick x 4" Wide Flat Steel Bar	7.79	3.09
		<i>For Galvanized Steel, Add</i>	1.95	
05 12 23 00-0775	LF	1/8" Thick x 6" Wide Flat Steel Bar	10.56	4.20
		<i>For Galvanized Steel, Add</i>	2.64	
05 12 23 00-0776		3/16" Thick <small>(05 12 23 00-0770)</small>		
05 12 23 00-0777	LF	3/16" Thick x 1" Wide Flat Steel Bar	4.31	1.82
		<i>For Galvanized Steel, Add</i>	0.98	
05 12 23 00-0778	LF	3/16" Thick x 2" Wide Flat Steel Bar	6.83	2.73
		<i>For Galvanized Steel, Add</i>	1.69	
05 12 23 00-0779	LF	3/16" Thick x 4" Wide Flat Steel Bar	9.32	3.13
		<i>For Galvanized Steel, Add</i>	2.86	
05 12 23 00-0780	LF	3/16" Thick x 6" Wide Flat Steel Bar	12.89	4.35
		<i>For Galvanized Steel, Add</i>	3.95	
05 12 23 00-0781		1/4" Thick <small>(05 12 23 00-0770)</small>		
05 12 23 00-0782	LF	1/4" Thick x 1" Wide Flat Steel Bar	4.44	1.92
		<i>For Galvanized Steel, Add</i>	0.97	
05 12 23 00-0783	LF	1/4" Thick x 2" Wide Flat Steel Bar	7.48	2.88
		<i>For Galvanized Steel, Add</i>	1.96	
05 12 23 00-0784	LF	1/4" Thick x 4" Wide Flat Steel Bar	11.07	3.30
		<i>For Galvanized Steel, Add</i>	3.79	
05 12 23 00-0785	LF	1/4" Thick x 6" Wide Flat Steel Bar	15.99	4.87
		<i>For Galvanized Steel, Add</i>	5.38	
05 12 23 00-0786		3/8" Thick <small>(05 12 23 00-0770)</small>		
05 12 23 00-0787	LF	3/8" Thick x 1" Wide Flat Steel Bar	5.70	2.17
		<i>For Galvanized Steel, Add</i>	1.52	
05 12 23 00-0788	LF	3/8" Thick x 2" Wide Flat Steel Bar	9.40	3.24
		<i>For Galvanized Steel, Add</i>	2.81	
05 12 23 00-0789	LF	3/8" Thick x 4" Wide Flat Steel Bar	14.61	3.70
		<i>For Galvanized Steel, Add</i>	5.61	
05 12 23 00-0790	LF	3/8" Thick x 6" Wide Flat Steel Bar	20.97	5.48
		<i>For Galvanized Steel, Add</i>	7.90	
05 12 23 00-0791		1/2" Thick <small>(05 12 23 00-0770)</small>		
05 12 23 00-0792	LF	1/2" Thick x 1" Wide Flat Steel Bar	6.72	2.38
		<i>For Galvanized Steel, Add</i>	1.95	
05 12 23 00-0793	LF	1/2" Thick x 2" Wide Flat Steel Bar	11.14	3.58
		<i>For Galvanized Steel, Add</i>	3.58	
05 12 23 00-0794	LF	1/2" Thick x 4" Wide Flat Steel Bar	15.96	4.07
		<i>For Galvanized Steel, Add</i>	6.10	
05 12 23 00-0795	LF	1/2" Thick x 6" Wide Flat Steel Bar	28.68	6.04
		<i>For Galvanized Steel, Add</i>	12.17	
05 12 23 00-0796		Flat Steel Plate <small>(05 12 23 00-0422)</small>		
05 12 23 00-0797	SF	1/8" Thick Flat Steel Plate	16.87	6.31
		<i>For 316 Stainless Steel, Add</i>	23.71	
		<i>For Aluminum, Add</i>	1.33	
		<i>For Galvanized Steel, Add</i>	4.59	
		<i>For 304 Stainless Steel, Add</i>	21.12	
05 12 23 00-0798	SF	3/16" Thick Flat Steel Plate	19.07	6.52
		<i>For 316 Stainless Steel, Add</i>	29.66	
		<i>For Aluminum, Add</i>	1.67	
		<i>For Galvanized Steel, Add</i>	5.75	
		<i>For 304 Stainless Steel, Add</i>	26.42	
05 12 23 00-0799	SF	1/4" Thick Flat Steel Plate	22.79	7.31
		<i>For 316 Stainless Steel, Add</i>	37.82	
		<i>For Aluminum, Add</i>	2.13	
		<i>For Galvanized Steel, Add</i>	7.33	
		<i>For 304 Stainless Steel, Add</i>	33.69	
05 12 23 00-0800	SF	3/8" Thick Flat Steel Plate	30.89	8.22
		<i>For 316 Stainless Steel, Add</i>	59.36	
		<i>For Aluminum, Add</i>	3.34	
		<i>For Galvanized Steel, Add</i>	11.50	
		<i>For 304 Stainless Steel, Add</i>	52.87	
05 12 23 00-0801	SF	1/2" Thick Flat Steel Plate	36.69	9.04
		<i>For 316 Stainless Steel, Add</i>	73.95	
		<i>For Aluminum, Add</i>	4.16	
		<i>For Galvanized Steel, Add</i>	14.33	
		<i>For 304 Stainless Steel, Add</i>	65.86	
05 12 23 00-0802	SF	3/4" Thick Flat Steel Plate	60.31	11.21
		<i>For 316 Stainless Steel, Add</i>	138.66	
		<i>For Aluminum, Add</i>	7.80	
		<i>For Galvanized Steel, Add</i>	26.86	
		<i>For 304 Stainless Steel, Add</i>	123.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 12 23 00-0803	SF 1" Thick Flat Steel Plate.....	80.55	14.01
	<i>For 316 Stainless Steel, Add</i>	<i>189.86</i>	
	<i>For Aluminum, Add</i>	<i>10.68</i>	
	<i>For Galvanized Steel, Add</i>	<i>36.78</i>	
	<i>For 304 Stainless Steel, Add</i>	<i>169.09</i>	

05 14 Structural Aluminum Framing (05 10)

05 14 13 Architecturally-Exposed Structural Aluminum Framing (05 14)

05 14 13 00-0001 Rolled Or Plate Shapes (05 14 13)

Note: 1" through 10" member.

05 14 13 00-0002	LB Structural Aluminum, Up To 2,000 LB / Order 1" To 10" Rolled / Plate Structural Members	9.02	0.85
05 14 13 00-0003	LB Structural Aluminum, >2,000 - 9,999 LB / Order 1" To 10" Rolled / Plate Structural Members	7.94	0.79

05 14 13 00-0004 Aluminum Extrusions (05 14 13)

05 14 13 00-0005	LB Aluminum Extrusions, Stock Shapes 1" To 10" Rolled / Plate Structural Members	14.63	3.52
05 14 13 00-0006	LB Aluminum Extrusions, Custom Shapes 1" To 10" Rolled / Plate Structural Members	15.50	3.52

05 14 13 00-0007 Aluminum Tubing (05 14 13)

05 14 13 00-0008	LB Aluminum Extrusions, Tubular Shapes 1" To 10" Rolled / Plate Structural Members	13.11	2.15
05 14 13 00-0009	LF 1" x 1" Aluminum Tubing, 1/8" Wall Thickness	11.62	3.49
05 14 13 00-0010	LF 1-1/4" x 1-1/4" Aluminum Tubing, 1/8" Wall Thickness	14.07	3.80
05 14 13 00-0011	LF 1-1/2" x 1-1/2" Aluminum Tubing, 1/8" Wall Thickness	16.16	4.43
05 14 13 00-0012	LF 2" x 2" Aluminum Tubing, 1/8" Wall Thickness	19.26	4.76
05 14 13 00-0013	LF 4" x 4" Aluminum Tubing, 1/4" Wall Thickness	56.91	6.03
05 14 13 00-0014	LF 2" x 5" Aluminum Tubing, 1/4" Wall Thickness	46.57	5.39

05 14 13 00-0015 Columns (05 14 13)

Note: Baked on paint finish, load bearing.

05 14 13 00-0016 Round Columns (05 14 13 00-0015)

05 14 13 00-0017	LF 6" Diameter Aluminum Column	52.23	6.81
05 14 13 00-0018	LF 8" Diameter Aluminum Column	69.45	9.76
05 14 13 00-0019	LF 10" Diameter Aluminum Column	84.96	10.98
05 14 13 00-0020	LF 12" Diameter Aluminum Column	128.65	11.49
05 14 13 00-0021	LF 15" Diameter Aluminum Column	164.49	13.32
05 14 13 00-0022	EA 6" Diameter Aluminum Base And Cap	101.75	12.71
05 14 13 00-0023	EA 8" Diameter Aluminum Base And Cap	116.66	13.73
05 14 13 00-0024	EA 10" Diameter Aluminum Base And Cap	147.76	15.25
05 14 13 00-0025	EA 12" Diameter Aluminum Base And Cap	257.86	16.27
05 14 13 00-0026	EA 15" Diameter Aluminum Base And Cap	396.56	17.80

05 14 13 00-0027 Octagonal Columns (05 14 13 00-0015)

05 14 13 00-0028	LF 6" Diameter Aluminum Column	58.48	6.81
05 14 13 00-0029	LF 8" Diameter Aluminum Column	79.43	9.76
05 14 13 00-0030	LF 10" Diameter Aluminum Column	97.56	10.98
05 14 13 00-0031	LF 12" Diameter Aluminum Column	149.80	11.49
05 14 13 00-0032	LF 15" Diameter Aluminum Column	192.08	13.32
05 14 13 00-0033	EA 6" Diameter Aluminum Base And Cap	117.02	12.71
05 14 13 00-0034	EA 8" Diameter Aluminum Base And Cap	134.50	13.73
05 14 13 00-0035	EA 10" Diameter Aluminum Base And Cap	171.21	15.25
05 14 13 00-0036	EA 12" Diameter Aluminum Base And Cap	302.92	16.27
05 14 13 00-0037	EA 15" Diameter Aluminum Base And Cap	468.75	17.80

05 14 13 00-0038 Fluted Columns (05 14 13 00-0015)

05 14 13 00-0039	LF 6" Diameter Aluminum Column	65.23	6.81
05 14 13 00-0040	LF 8" Diameter Aluminum Column	88.41	9.76
05 14 13 00-0041	LF 10" Diameter Aluminum Column	108.90	10.98
05 14 13 00-0042	LF 12" Diameter Aluminum Column	168.84	11.49
05 14 13 00-0043	LF 15" Diameter Aluminum Column	216.91	13.32
05 14 13 00-0044	EA 6" Diameter Aluminum Base And Cap	130.76	12.71
05 14 13 00-0045	EA 8" Diameter Aluminum Base And Cap	150.56	13.73
05 14 13 00-0046	EA 10" Diameter Aluminum Base And Cap	192.32	15.25
05 14 13 00-0047	EA 12" Diameter Aluminum Base And Cap	343.48	16.27
05 14 13 00-0048	EA 15" Diameter Aluminum Base And Cap	533.73	17.80

05 14 13 00-0049 Square Columns (05 14 13 00-0015)

05 14 13 00-0050	LF 6" Aluminum Column	69.84	6.81
05 14 13 00-0051	LF 8" Aluminum Column	94.55	9.76
05 14 13 00-0052	LF 10" Aluminum Column	116.65	10.98
05 14 13 00-0053	LF 12" Aluminum Column	181.86	11.49
05 14 13 00-0054	LF 15" Aluminum Column	233.89	13.32
05 14 13 00-0055	EA 6" Aluminum Base And Cap	140.16	12.71
05 14 13 00-0056	EA 8" Aluminum Base And Cap	161.54	13.73

05 Metals**05 10 Structural Metal Framing****05 14 Structural Aluminum Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 14 13 00-0057	EA		10" Aluminum Base And Cap.....	206.75	15.25
05 14 13 00-0058	EA		12" Aluminum Base And Cap.....	371.21	16.27
05 14 13 00-0059	EA		15" Aluminum Base And Cap.....	578.16	17.80
05 14 13 00-0060			Ornamental Or Decorative Cap And Bases <small>(05 14 13 00-0015)</small>		
05 14 13 00-0061	EA		8" Corinthian Capital And Base.....	807.62	15.25
05 14 13 00-0062	EA		10" Corinthian Capital And Base.....	1,189.64	17.80
05 14 13 00-0063	EA		12" Corinthian Capital And Base.....	1,883.83	20.34
05 14 13 00-0064	EA		8" Scamozzi Capital And Base.....	399.13	15.25
05 14 13 00-0065	EA		10" Scamozzi Capital And Base.....	535.40	17.80
05 14 13 00-0066	EA		12" Scamozzi Capital And Base.....	1,080.81	20.34
05 15 Wire Rope Assemblies					
05 15 16 Steel Wire Rope Assemblies					
05 15 16 00-0001			6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <small>(05 15 16)</small>		
05 15 16 00-0002	LF		1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.55	0.10
			<i>For >500, Deduct</i>	-0.27	
05 15 16 00-0003	LF		5/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.08	0.10
			<i>For >500, Deduct</i>	-0.36	
05 15 16 00-0004	LF		3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.47	0.21
			<i>For >500, Deduct</i>	-0.41	
05 15 16 00-0005	LF		7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.98	0.21
			<i>For >500, Deduct</i>	-0.49	
05 15 16 00-0006	LF		1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.43	0.31
			<i>For >500, Deduct</i>	-0.54	
05 15 16 00-0007	LF		9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.21	0.42
			<i>For >500, Deduct</i>	-0.66	
05 15 16 00-0008	LF		5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.03	0.42
			<i>For >500, Deduct</i>	-0.78	
05 15 16 00-0009	LF		3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	6.97	0.74
			<i>For >500, Deduct</i>	-1.06	
05 15 16 00-0010	LF		7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.36	0.84
			<i>For >500, Deduct</i>	-1.43	
05 15 16 00-0011	LF		1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.65	1.15
			<i>For >500, Deduct</i>	-1.74	
05 15 16 00-0012	LF		1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	14.41	1.46
			<i>For >500, Deduct</i>	-2.15	
05 15 16 00-0013	LF		1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	17.57	1.77
			<i>For >500, Deduct</i>	-2.62	
05 15 16 00-0014			6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <small>(05 15 16)</small>		
05 15 16 00-0015	LF		1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.82	0.10
			<i>For >500, Deduct</i>	-0.33	
05 15 16 00-0016	LF		5/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.35	0.10
			<i>For >500, Deduct</i>	-0.41	
05 15 16 00-0017	LF		3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.92	0.21
			<i>For >500, Deduct</i>	-0.50	
05 15 16 00-0018	LF		7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.32	0.21
			<i>For >500, Deduct</i>	-0.55	
05 15 16 00-0019	LF		1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.94	0.31
			<i>For >500, Deduct</i>	-0.64	
05 15 16 00-0020	LF		9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.54	0.42
			<i>For >500, Deduct</i>	-0.72	
05 15 16 00-0021	LF		5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.30	0.42
			<i>For >500, Deduct</i>	-0.83	
05 15 16 00-0022	LF		3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.78	0.74
			<i>For >500, Deduct</i>	-1.23	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0023	LF		7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.97	0.84
			For >500, Deduct	-1.55	
05 15 16 00-0024	LF		1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	12.26	1.15
			For >500, Deduct	-1.87	
05 15 16 00-0025	LF		1-1/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	15.69	1.46
			For >500, Deduct	-2.39	
05 15 16 00-0026	LF		1-1/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	19.10	1.77
			For >500, Deduct	-2.92	
05 15 16 00-0027			6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope <small>(05 15 16)</small>		
05 15 16 00-0028	LF		1/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.44	0.10
			For >500, Deduct	-0.25	
05 15 16 00-0029	LF		5/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	1.95	0.10
			For >500, Deduct	-0.33	
05 15 16 00-0030	LF		3/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.32	0.21
			For >500, Deduct	-0.38	
05 15 16 00-0031	LF		7/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	2.72	0.21
			For >500, Deduct	-0.43	
05 15 16 00-0032	LF		1/2" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	3.27	0.31
			For >500, Deduct	-0.51	
05 15 16 00-0033	LF		9/16" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.14	0.42
			For >500, Deduct	-0.64	
05 15 16 00-0034	LF		5/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	4.83	0.42
			For >500, Deduct	-0.74	
05 15 16 00-0035	LF		3/4" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	6.78	0.74
			For >500, Deduct	-1.03	
05 15 16 00-0036	LF		7/8" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	8.29	0.84
			For >500, Deduct	-1.21	
05 15 16 00-0037	LF		1" Diameter, 6x19, Fiber Core (FC), Improved Plow Steel (IPS), Bright Finish, Wire Rope.....	10.52	1.15
			For >500, Deduct	-1.51	
05 15 16 00-0038			6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope <small>(05 15 16)</small>		
05 15 16 00-0039	LF		1/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.42	0.10
			For >500, Deduct	-0.25	
05 15 16 00-0040	LF		5/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	1.88	0.10
			For >500, Deduct	-0.32	
05 15 16 00-0041	LF		3/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.32	0.21
			For >500, Deduct	-0.38	
05 15 16 00-0042	LF		7/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	2.72	0.21
			For >500, Deduct	-0.43	
05 15 16 00-0043	LF		1/2" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	3.42	0.31
			For >500, Deduct	-0.54	
05 15 16 00-0044	LF		9/16" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	4.07	0.42
			For >500, Deduct	-0.63	
05 15 16 00-0045	LF		5/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	5.10	0.42
			For >500, Deduct	-0.79	
05 15 16 00-0046	LF		3/4" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	7.11	0.74
			For >500, Deduct	-1.09	
05 15 16 00-0047	LF		7/8" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	9.29	0.84
			For >500, Deduct	-1.41	
05 15 16 00-0048	LF		1" Diameter, 6x37, Fiber Core (FC), Extra Improved Plow Steel (EIPS), Bright Finish, Wire Rope.....	11.46	1.15
			For >500, Deduct	-1.71	
05 15 16 00-0049			6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <small>(05 15 16)</small>		
05 15 16 00-0050	LF		3/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	2.63	0.21
			For >500, Deduct	-0.45	
05 15 16 00-0051	LF		7/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.09	0.21
			For >500, Deduct	-0.51	
05 15 16 00-0052	LF		1/2" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.60	0.31
			For >500, Deduct	-0.58	
05 15 16 00-0053	LF		9/16" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	4.85	0.42
			For >500, Deduct	-0.79	
05 15 16 00-0054	LF		5/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	5.34	0.42
			For >500, Deduct	-0.84	
05 15 16 00-0055	LF		3/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	7.28	0.74
			For >500, Deduct	-1.13	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0056	LF	7/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	9.33	0.84
		<i>For >500, Deduct</i>	-1.42	
05 15 16 00-0057	LF	1" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	12.29	1.15
		<i>For >500, Deduct</i>	-1.87	
05 15 16 00-0058	LF	1-1/8" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	14.89	1.46
		<i>For >500, Deduct</i>	-2.24	
05 15 16 00-0059	LF	1-1/4" Diameter, 6x19, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	17.97	1.77
		<i>For >500, Deduct</i>	-2.70	
05 15 16 00-0060		6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope <small>(05 15 16)</small>		
05 15 16 00-0061	LF	3/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	2.70	0.21
		<i>For >500, Deduct</i>	-0.46	
05 15 16 00-0062	LF	7/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.27	0.21
		<i>For >500, Deduct</i>	-0.54	
05 15 16 00-0063	LF	1/2" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	3.85	0.31
		<i>For >500, Deduct</i>	-0.63	
05 15 16 00-0064	LF	9/16" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	5.40	0.42
		<i>For >500, Deduct</i>	-0.90	
05 15 16 00-0065	LF	5/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	5.43	0.42
		<i>For >500, Deduct</i>	-0.86	
05 15 16 00-0066	LF	3/4" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	7.46	0.74
		<i>For >500, Deduct</i>	-1.16	
05 15 16 00-0067	LF	7/8" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	9.87	0.84
		<i>For >500, Deduct</i>	-1.53	
05 15 16 00-0068	LF	1" Diameter, 6x37, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Galvanized Finish, Wire Rope.....	12.47	1.15
		<i>For >500, Deduct</i>	-1.90	
05 15 16 00-0069		19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope <small>(05 15 16)</small>		
05 15 16 00-0070	LF	1/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	2.81	0.10
		<i>For >500, Deduct</i>	-0.52	
05 15 16 00-0071	LF	5/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	3.03	0.10
		<i>For >500, Deduct</i>	-0.55	
05 15 16 00-0072	LF	3/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	3.56	0.21
		<i>For >500, Deduct</i>	-0.63	
05 15 16 00-0073	LF	7/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	4.78	0.21
		<i>For >500, Deduct</i>	-0.85	
05 15 16 00-0074	LF	1/2" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	5.45	0.21
		<i>For >500, Deduct</i>	-0.98	
05 15 16 00-0075	LF	9/16" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	6.28	0.42
		<i>For >500, Deduct</i>	-1.07	
05 15 16 00-0076	LF	5/8" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	7.46	0.42
		<i>For >500, Deduct</i>	-1.27	
05 15 16 00-0077	LF	3/4" Diameter, 19x7, Independent Wire Rope Core (IWRC), Extra Improved Plow Steel (EIPS), Bright Finish, Rotation Resistant Wire Rope.....	10.27	0.62
		<i>For >500, Deduct</i>	-1.73	
05 15 16 00-0078		7x7, Galvanized Finish, Aircraft Cable <small>(05 15 16)</small>		
05 15 16 00-0079	LF	1/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.31	0.07
		<i>For >500, Deduct</i>	-0.04	
05 15 16 00-0080	LF	3/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.35	0.08
		<i>For >500, Deduct</i>	-0.04	
05 15 16 00-0081	LF	1/8" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.40	0.09
		<i>For >500, Deduct</i>	-0.05	
05 15 16 00-0082	LF	5/32" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.47	0.10
		<i>For >500, Deduct</i>	-0.06	
05 15 16 00-0083	LF	3/16" Diameter, 7x7, Galvanized Finish, Aircraft Cable.....	0.57	0.10
		<i>For >500, Deduct</i>	-0.08	
05 15 16 00-0084		7x19, Galvanized Finish, Aircraft Cable <small>(05 15 16)</small>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 15 16 00-0085	LF		1/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable <i>For >500, Deduct</i>	0.56 -0.08	0.09
	05 15 16 00-0086	LF		5/32" Diameter, 7x19, Galvanized Finish, Aircraft Cable <i>For >500, Deduct</i>	0.61 -0.09	0.10
	05 15 16 00-0087	LF		3/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable <i>For >500, Deduct</i>	0.70 -0.10	0.10
	05 15 16 00-0088	LF		1/4" Diameter, 7x19, Galvanized Finish, Aircraft Cable <i>For >500, Deduct</i>	0.82 -0.13	0.10
	05 15 16 00-0089	LF		5/16" Diameter, 7x19, Galvanized Finish, Aircraft Cable <i>For >500, Deduct</i>	1.24 -0.19	0.10
	05 15 16 00-0090	LF		3/8" Diameter, 7x19, Galvanized Finish, Aircraft Cable <i>For >500, Deduct</i>	1.67 -0.25	0.10
05 15 16 00-0091	Heavy Duty, Galvanized Steel, Wire Rope Thimbles (05 15 16)					
	05 15 16 00-0092	EA		1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	13.43	3.13
	05 15 16 00-0093	EA		5/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	15.27	3.13
	05 15 16 00-0094	EA		3/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	17.31	3.13
	05 15 16 00-0095	EA		7/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	22.92	3.13
	05 15 16 00-0096	EA		1/2" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	22.95	3.13
	05 15 16 00-0097	EA		9/16" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	22.95	3.13
	05 15 16 00-0098	EA		5/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	24.84	3.13
	05 15 16 00-0099	EA		3/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	45.48	4.81
	05 15 16 00-0100	EA		7/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	53.65	5.85
	05 15 16 00-0101	EA		1" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	95.59	9.61
	05 15 16 00-0102	EA		1-1/8" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	137.28	13.07
	05 15 16 00-0103	EA		1-1/4" Diameter, Heavy Duty, Galvanized Steel, Wire Rope Thimble.....	137.28	13.07
05 15 16 00-0104	Galvanized Steel, Wire Rope Clips (05 15 16)					
	05 15 16 00-0105	EA		1/8" Diameter, Galvanized Steel, Wire Rope Clip.....	15.55	3.13
	05 15 16 00-0106	EA		3/16" Diameter, Galvanized Steel, Wire Rope Clip.....	15.86	3.13
	05 15 16 00-0107	EA		1/4" Diameter, Galvanized Steel, Wire Rope Clip.....	18.03	3.13
	05 15 16 00-0108	EA		5/16" Diameter, Galvanized Steel, Wire Rope Clip.....	18.36	3.13
	05 15 16 00-0109	EA		3/8" Diameter, Galvanized Steel, Wire Rope Clip.....	18.84	3.13
	05 15 16 00-0110	EA		7/16" Diameter, Galvanized Steel, Wire Rope Clip.....	23.48	3.13
	05 15 16 00-0111	EA		1/2" Diameter, Galvanized Steel, Wire Rope Clip.....	23.84	3.13
	05 15 16 00-0112	EA		9/16" Diameter, Galvanized Steel, Wire Rope Clip.....	27.21	3.13
	05 15 16 00-0113	EA		5/8" Diameter, Galvanized Steel, Wire Rope Clip.....	27.70	3.13
	05 15 16 00-0114	EA		3/4" Diameter, Galvanized Steel, Wire Rope Clip.....	38.05	4.18
	05 15 16 00-0115	EA		7/8" Diameter, Galvanized Steel, Wire Rope Clip.....	57.02	6.27
	05 15 16 00-0116	EA		1" Diameter, Galvanized Steel, Wire Rope Clip.....	62.57	6.27
	05 15 16 00-0117	EA		1-1/8" Diameter, Galvanized Steel, Wire Rope Clip.....	73.69	8.36
	05 15 16 00-0118	EA		1-1/4" Diameter, Galvanized Steel, Wire Rope Clip.....	107.06	12.55
05 15 16 00-0119	Steel, Open Swage Sockets (05 15 16)					
	05 15 16 00-0120	EA		1/4" Diameter, Steel, Open Swage Socket.....	91.56	3.13
	05 15 16 00-0121	EA		5/16" Diameter, Steel, Open Swage Socket.....	146.35	3.13
	05 15 16 00-0122	EA		3/8" Diameter, Steel, Open Swage Socket.....	150.48	4.18
	05 15 16 00-0123	EA		7/16" Diameter, Steel, Open Swage Socket.....	178.74	5.23
	05 15 16 00-0124	EA		1/2" Diameter, Steel, Open Swage Socket.....	178.74	5.23
	05 15 16 00-0125	EA		9/16" Diameter, Steel, Open Swage Socket.....	260.52	11.50
	05 15 16 00-0126	EA		5/8" Diameter, Steel, Open Swage Socket.....	260.52	11.50
	05 15 16 00-0127	EA		3/4" Diameter, Steel, Open Swage Socket.....	331.18	21.96
	05 15 16 00-0128	EA		7/8" Diameter, Steel, Open Swage Socket.....	445.43	31.36
	05 15 16 00-0129	EA		1" Diameter, Steel, Open Swage Socket.....	625.94	48.09
	05 15 16 00-0130	EA		1-1/8" Diameter, Steel, Open Swage Socket.....	818.83	75.27
	05 15 16 00-0131	EA		1-1/4" Diameter, Steel, Open Swage Socket.....	953.31	86.78
05 15 16 00-0132	Steel, Closed Swage Sockets (05 15 16)					
	05 15 16 00-0133	EA		1/4" Diameter, Steel, Closed Swage Socket.....	73.52	3.13
	05 15 16 00-0134	EA		5/16" Diameter, Steel, Closed Swage Socket.....	99.76	3.13
	05 15 16 00-0135	EA		3/8" Diameter, Steel, Closed Swage Socket.....	99.76	3.13
	05 15 16 00-0136	EA		7/16" Diameter, Steel, Closed Swage Socket.....	124.24	4.18
	05 15 16 00-0137	EA		1/2" Diameter, Steel, Closed Swage Socket.....	125.39	4.18
	05 15 16 00-0138	EA		9/16" Diameter, Steel, Closed Swage Socket.....	171.54	7.32
	05 15 16 00-0139	EA		5/8" Diameter, Steel, Closed Swage Socket.....	176.52	8.36
	05 15 16 00-0140	EA		3/4" Diameter, Steel, Closed Swage Socket.....	217.70	13.59
	05 15 16 00-0141	EA		7/8" Diameter, Steel, Closed Swage Socket.....	280.78	19.86
	05 15 16 00-0142	EA		1" Diameter, Steel, Closed Swage Socket.....	401.64	27.18
	05 15 16 00-0143	EA		1-1/8" Diameter, Steel, Closed Swage Socket.....	496.94	37.64
	05 15 16 00-0144	EA		1-1/4" Diameter, Steel, Closed Swage Socket.....	671.72	58.55
05 15 16 00-0145	Galvanized Steel, Open Spelter Sockets (05 15 16)					
	05 15 16 00-0146	EA		1/4" Galvanized Steel, Open Spelter Socket.....	153.78	3.13
	05 15 16 00-0147	EA		5/16" Galvanized Steel, Open Spelter Socket.....	157.56	3.13
	05 15 16 00-0148	EA		3/8" Galvanized Steel, Open Spelter Socket.....	157.56	3.13
	05 15 16 00-0149	EA		7/16" Galvanized Steel, Open Spelter Socket.....	175.42	6.27
	05 15 16 00-0150	EA		1/2" Galvanized Steel, Open Spelter Socket.....	175.42	6.27

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0151	EA		9/16" Galvanized Steel, Open Spelter Socket.....	229.38	10.45
05 15 16 00-0152	EA		5/8" Galvanized Steel, Open Spelter Socket	229.38	10.45
05 15 16 00-0153	EA		3/4" Galvanized Steel, Open Spelter Socket	289.76	15.68
05 15 16 00-0154	EA		7/8" Galvanized Steel, Open Spelter Socket	432.83	26.14
05 15 16 00-0155	EA		1" Galvanized Steel, Open Spelter Socket	789.20	40.77
05 15 16 00-0156	EA		1-1/8" Galvanized Steel, Open Spelter Socket	922.69	65.87
05 15 16 00-0157	EA		1-1/4" Galvanized Steel, Open Spelter Socket	1,247.50	86.78
05 15 16 00-0158 Galvanized Steel, Closed Spelter Sockets (05 15 16)					
05 15 16 00-0159	EA		1/4" Galvanized Steel, Closed Spelter Socket.....	128.82	3.13
05 15 16 00-0160	EA		5/16" Galvanized Steel, Closed Spelter Socket	129.32	3.13
05 15 16 00-0161	EA		3/8" Galvanized Steel, Closed Spelter Socket	129.32	3.13
05 15 16 00-0162	EA		7/16" Galvanized Steel, Closed Spelter Socket.....	144.44	5.23
05 15 16 00-0163	EA		1/2" Galvanized Steel, Closed Spelter Socket.....	144.44	5.23
05 15 16 00-0164	EA		9/16" Galvanized Steel, Closed Spelter Socket	201.48	9.41
05 15 16 00-0165	EA		5/8" Galvanized Steel, Closed Spelter Socket	201.48	9.41
05 15 16 00-0166	EA		3/4" Galvanized Steel, Closed Spelter Socket	246.35	13.59
05 15 16 00-0167	EA		7/8" Galvanized Steel, Closed Spelter Socket	359.46	20.91
05 15 16 00-0168	EA		1" Galvanized Steel, Closed Spelter Socket	542.54	32.41
05 15 16 00-0169	EA		1-1/8" Galvanized Steel, Closed Spelter Socket.....	710.01	43.91
05 15 16 00-0170	EA		1-1/4" Galvanized Steel, Closed Spelter Socket.....	893.65	58.55
05 15 16 00-0171 Forged Steel, Jaw And Jaw Turnbuckles (05 15 16)					
05 15 16 00-0172	EA		1/4" x 4", Forged Steel, Jaw And Jaw Turnbuckle	88.35	3.13
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-11.69	
05 15 16 00-0173	EA		5/16" x 4-1/2", Forged Steel, Jaw And Jaw Turnbuckle.....	94.83	3.13
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-12.66	
05 15 16 00-0174	EA		3/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	106.83	3.13
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-14.46	
05 15 16 00-0175	EA		1/2" x 6", Forged Steel, Jaw And Jaw Turnbuckle	117.84	4.18
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-15.04	
05 15 16 00-0176	EA		1/2" x 9", Forged Steel, Jaw And Jaw Turnbuckle	155.21	5.23
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-20.01	
05 15 16 00-0177	EA		1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	176.29	6.27
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-22.67	
05 15 16 00-0178	EA		5/8" x 6", Forged Steel, Jaw And Jaw Turnbuckle	178.80	8.36
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-21.99	
05 15 16 00-0179	EA		5/8" x 9", Forged Steel, Jaw And Jaw Turnbuckle	221.71	8.36
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-28.03	
05 15 16 00-0180	EA		5/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	251.97	9.41
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-32.19	
05 15 16 00-0181	EA		3/4" x 6", Forged Steel, Jaw And Jaw Turnbuckle	240.99	11.50
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-29.48	
05 15 16 00-0182	EA		3/4" x 9", Forged Steel, Jaw And Jaw Turnbuckle	273.88	13.59
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-32.83	
05 15 16 00-0183	EA		3/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	339.10	14.63
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-41.90	
05 15 16 00-0184	EA		3/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	407.93	17.78
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-50.37	
05 15 16 00-0185	EA		7/8" x 12", Forged Steel, Jaw And Jaw Turnbuckle	462.46	25.09
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-54.43	
05 15 16 00-0186	EA		7/8" x 18", Forged Steel, Jaw And Jaw Turnbuckle	561.42	29.28
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-66.79	
05 15 16 00-0187	EA		1" x 6", Forged Steel, Jaw And Jaw Turnbuckle	480.83	25.09
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-57.19	
05 15 16 00-0188	EA		1" x 12", Forged Steel, Jaw And Jaw Turnbuckle	548.41	32.41
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-62.66	
05 15 16 00-0189	EA		1" x 18", Forged Steel, Jaw And Jaw Turnbuckle	753.90	40.77
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-88.96	
05 15 16 00-0190	EA		1" x 24", Forged Steel, Jaw And Jaw Turnbuckle	841.97	48.09
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-97.78	
05 15 16 00-0191	EA		1-1/4" x 12", Forged Steel, Jaw And Jaw Turnbuckle	936.01	58.55
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-105.55	
05 15 16 00-0192	EA		1-1/4" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,132.15	65.87
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-130.62	
05 15 16 00-0193	EA		1-1/4" x 24", Forged Steel, Jaw And Jaw Turnbuckle	1,470.72	75.27
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-175.80	
05 15 16 00-0194	EA		1-1/2" x 12", Forged Steel, Jaw And Jaw Turnbuckle	1,451.32	80.50
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-169.45	
05 15 16 00-0195	EA		1-1/2" x 18", Forged Steel, Jaw And Jaw Turnbuckle	1,590.20	104.54
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-175.80	
05 15 16 00-0196	EA		1-1/2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	2,887.94	135.91
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-354.78	
05 15 16 00-0197	EA		2" x 24", Forged Steel, Jaw And Jaw Turnbuckle	4,716.83	261.37
			<i>For "Eye And Eye" Or "Hook and Hook" Turnbuckle, Deduct</i>	-550.70	
05 15 16 00-0198 Galvanized Steel, Drop Forged, Shoulder Eye Bolts (05 15 16)					
05 15 16 00-0199	EA		1/4" Diameter Thread, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	18.30	
05 15 16 00-0200	EA		5/16" Diameter Thread, 7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	18.39	
05 15 16 00-0201	EA		3/8" Diameter Thread, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	20.83	
05 15 16 00-0202	EA		7/16" Diameter Thread, 1-3/32" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt.....	24.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 15 16 00-0203 EA 1/2" Diameter Thread, 1-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	24.80	
05 15 16 00-0204 EA 5/8" Diameter Thread, 1-3/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	34.15	
05 15 16 00-0205 EA 3/4" Diameter Thread, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	41.23	
05 15 16 00-0206 EA 7/8" Diameter Thread, 1-11/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	55.97	
05 15 16 00-0207 EA 1" Diameter Thread, 1-13/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	75.48	
05 15 16 00-0208 EA 1-1/8" Diameter Thread, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	110.26	
05 15 16 00-0209 EA 1-1/4" Diameter Thread, 2-3/16" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	131.31	
05 15 16 00-0210 EA 1-1/2" Diameter Thread, 2-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	239.75	
05 15 16 00-0211 EA 1-3/4" Diameter Thread, 2-7/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	275.09	
05 15 16 00-0212 EA 2" Diameter Thread, 3-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Shoulder Eye Bolt	340.50	
05 15 16 00-0213 Galvanized Steel, Drop Forged, Eye Bolts <small>(05 15 16)</small>		
05 15 16 00-0214 EA 1/4" Diameter Thread, 3" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.31	
05 15 16 00-0215 EA 1/4" Diameter Thread, 4" Shank Length, 1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	21.82	
05 15 16 00-0216 EA 5/16" Diameter Thread, 2-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	29.95	
05 15 16 00-0217 EA 5/16" Diameter Thread, 4-1/4" Shank Length, 5/8" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	19.79	
05 15 16 00-0218 EA 3/8" Diameter Thread, 2-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	27.06	
05 15 16 00-0219 EA 3/8" Diameter Thread, 3" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	41.23	
05 15 16 00-0220 EA 3/8" Diameter Thread, 4" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	39.92	
05 15 16 00-0221 EA 3/8" Diameter Thread, 4-1/2" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	37.89	
05 15 16 00-0222 EA 3/8" Diameter Thread, 5" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.87	
05 15 16 00-0223 EA 3/8" Diameter Thread, 6" Shank Length, 3/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	34.98	
05 15 16 00-0224 EA 1/2" Diameter Thread, 2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	30.76	
05 15 16 00-0225 EA 1/2" Diameter Thread, 3" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	24.31	
05 15 16 00-0226 EA 1/2" Diameter Thread, 3-1/4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	31.96	
05 15 16 00-0227 EA 1/2" Diameter Thread, 4" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	43.98	
05 15 16 00-0228 EA 1/2" Diameter Thread, 4-1/2" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	33.15	
05 15 16 00-0229 EA 1/2" Diameter Thread, 6" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	53.95	
05 15 16 00-0230 EA 1/2" Diameter Thread, 8" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	47.34	
05 15 16 00-0231 EA 1/2" Diameter Thread, 10" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	43.08	
05 15 16 00-0232 EA 1/2" Diameter Thread, 12" Shank Length, 1" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	50.86	
05 15 16 00-0233 EA 5/8" Diameter Thread, 4" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	51.59	
05 15 16 00-0234 EA 5/8" Diameter Thread, 4-1/2" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	45.81	
05 15 16 00-0235 EA 5/8" Diameter Thread, 6" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	57.90	
05 15 16 00-0236 EA 5/8" Diameter Thread, 8" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	66.52	
05 15 16 00-0237 EA 5/8" Diameter Thread, 10" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	76.88	
05 15 16 00-0238 EA 5/8" Diameter Thread, 12" Shank Length, 1-1/4" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	63.30	
05 15 16 00-0239 EA 3/4" Diameter Thread, 4-1/2" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	63.34	
05 15 16 00-0240 EA 3/4" Diameter Thread, 6" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	64.60	
05 15 16 00-0241 EA 3/4" Diameter Thread, 8" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	71.51	
05 15 16 00-0242 EA 3/4" Diameter Thread, 10" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	77.20	
05 15 16 00-0243 EA 3/4" Diameter Thread, 12" Shank Length, 1-1/2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	90.42	
05 15 16 00-0244 EA 1" Diameter Thread, 8" Shank Length, 2" Inside Eye Diameter, Galvanized Steel, Drop Forged, Eye Bolt	120.04	
05 15 19 Stainless Steel Wire Rope Assemblies <small>(05 15 19)</small>		
05 15 19 00-0001 7x7, 304 Stainless Steel, Aircraft Cable <small>(05 15 19)</small>		
05 15 19 00-0002 LF 1/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.26	0.07
<i>For >500, Deduct</i>	-0.03	
05 15 19 00-0003 LF 3/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.33	0.08
<i>For >500, Deduct</i>	-0.04	
05 15 19 00-0004 LF 1/8" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.43	0.09
<i>For >500, Deduct</i>	-0.06	
05 15 19 00-0005 LF 5/32" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.56	0.10
<i>For >500, Deduct</i>	-0.08	
05 15 19 00-0006 LF 3/16" Diameter, 7x7, 304 Stainless Steel, Aircraft Cable	0.70	0.10
<i>For >500, Deduct</i>	-0.10	
05 15 19 00-0007 7x19, 304 Stainless Steel, Aircraft Cable <small>(05 15 19)</small>		
05 15 19 00-0008 LF 1/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.49	0.09
<i>For >500, Deduct</i>	-0.07	
05 15 19 00-0009 LF 5/32" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.57	0.10
<i>For >500, Deduct</i>	-0.08	
05 15 19 00-0010 LF 3/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.66	0.10
<i>For >500, Deduct</i>	-0.09	
05 15 19 00-0011 LF 1/4" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	0.83	0.10
<i>For >500, Deduct</i>	-0.13	
05 15 19 00-0012 LF 5/16" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.26	0.10
<i>For >500, Deduct</i>	-0.20	
05 15 19 00-0013 LF 3/8" Diameter, 7x19, 304 Stainless Steel, Aircraft Cable	1.89	0.21
<i>For >500, Deduct</i>	-0.30	
05 15 19 00-0014 7x7, 316 Stainless Steel, Aircraft Cable <small>(05 15 19)</small>		
05 15 19 00-0015 LF 1/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.26	0.07
<i>For >500, Deduct</i>	-0.03	
05 15 19 00-0016 LF 3/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.33	0.08
<i>For >500, Deduct</i>	-0.04	
05 15 19 00-0017 LF 1/8" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable	0.43	0.09
<i>For >500, Deduct</i>	-0.06	

05 Metals**05 10 Structural Metal Framing****05 15 Wire Rope Assemblies**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 15 19 00-0018	LF	5/32" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.56		0.10
		<i>For >500, Deduct</i>	-0.08		
05 15 19 00-0019	LF	3/16" Diameter, 7x7, 316 Stainless Steel, Aircraft Cable.....	0.70		0.10
		<i>For >500, Deduct</i>	-0.10		
05 15 19 00-0020		7x19, 316 Stainless Steel, Aircraft Cable <small>(05 15 19)</small>			
05 15 19 00-0021	LF	1/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.49		0.09
		<i>For >500, Deduct</i>	-0.07		
05 15 19 00-0022	LF	5/32" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.57		0.10
		<i>For >500, Deduct</i>	-0.08		
05 15 19 00-0023	LF	3/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.66		0.10
		<i>For >500, Deduct</i>	-0.09		
05 15 19 00-0024	LF	1/4" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	0.83		0.10
		<i>For >500, Deduct</i>	-0.13		
05 15 19 00-0025	LF	5/16" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	1.26		0.10
		<i>For >500, Deduct</i>	-0.20		
05 15 19 00-0026	LF	3/8" Diameter, 7x19, 316 Stainless Steel, Aircraft Cable.....	1.89		0.10
		<i>For >500, Deduct</i>	-0.30		

05 20 Metal Joists (05)

Note: Includes all connecting bolts and welds.

05 21 Steel Joist Framing (05 20)**05 21 19 Open Web Steel Joist Framing** (05 21)**05 21 19 00-0001 Open Web Joists** (05 21 19)

05 21 19 00-0002	TON	H, J Or K Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,640.92		185.07
		<i>For Welded Cross Bridging, Add</i>	231.34		
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	224.37		
05 21 19 00-0003	TON	H, J Or K Open Web Joist, >30' To 50' Span, Steel, Horizontal Bridging.....	2,421.67		173.51
		<i>For Welded Cross Bridging, Add</i>	205.63		
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	208.35		
05 21 19 00-0004	TON	LJ Or LH Open Web Joist, Up To 96' Span, Steel, Bolted Cross Bridging.....	2,912.22		173.51
		<i>For Welded Cross Bridging, Add</i>	213.54		
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	264.05		
05 21 19 00-0005	TON	DLJ Or DLH Open Web Joist, Up To 144' Span, Steel, Bolted Cross Bridging.....	3,303.40		173.51
		<i>For Welded Cross Bridging, Add</i>	213.54		
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	310.99		
05 21 19 00-0006	TON	CS Open Web Joist, Up To 30' Span, Steel, Horizontal Bridging.....	2,922.64		173.51
		<i>For Welded Cross Bridging, Add</i>	231.34		
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	258.18		
05 21 19 00-0007	TON	SLH Open Web Joist, Up To 200' Span, Steel, Bolted Cross Bridging.....	3,645.69		173.51
		<i>For Welded Cross Bridging, Add</i>	213.54		
		<i>For Shop Prime Paint Other Than Manufacturer's Standard, Add</i>	352.07		

05 30 Metal Decking (05)

Note: Includes all connecting bolts and welds.

05 31 Steel Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete where required.

05 31 13 Steel Floor Decking (05 31)

Note: Floor or roof decking

05 31 13 00-0001 Open Ribbed Galvanized Steel Deck (05 31 13)

05 31 13 00-0002	SF	1" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.14		0.47
		<i>For Painted, Deduct</i>	-0.13		
		<i>For Perforated Or Slotted, Add</i>	0.13		
		<i>For Site Installed Insulation Between Ribs, Add</i>	0.83		
		<i>For Up To 100, Add</i>	0.85		
		<i>For >100 To 500, Add</i>	0.49		
		<i>For >500 To 1,500, Add</i>	0.15		
05 31 13 00-0003	SF	1" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	3.58		0.55
		<i>For Painted, Deduct</i>	-0.14		
		<i>For Perforated Or Slotted, Add</i>	0.14		
		<i>For Site Installed Insulation Between Ribs, Add</i>	0.95		
		<i>For Up To 100, Add</i>	0.98		
		<i>For >100 To 500, Add</i>	0.57		
		<i>For >500 To 1,500, Add</i>	0.17		
05 31 13 00-0004	SF	1" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	4.48		0.67
		<i>For Painted, Deduct</i>	-0.18		
		<i>For Perforated Or Slotted, Add</i>	0.18		
		<i>For Site Installed Insulation Between Ribs, Add</i>	1.18		
		<i>For Up To 100, Add</i>	1.20		
		<i>For >100 To 500, Add</i>	0.70		
		<i>For >500 To 1,500, Add</i>	0.21		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0005 SF 1-1/2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.44	0.53
For Painted, Deduct	-0.14	
For Perforated Or Slotted, Add	0.14	
For Site Installed Insulation Between Ribs, Add	0.91	
For Up To 100, Add	0.94	
For >100 To 500, Add	0.54	
For >500 To 1,500, Add	0.17	
05 31 13 00-0006 SF 1-1/2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	3.96	0.61
For Painted, Deduct	-0.16	
For Perforated Or Slotted, Add	0.16	
For Site Installed Insulation Between Ribs, Add	1.05	
For Up To 100, Add	1.08	
For >100 To 500, Add	0.62	
For >500 To 1,500, Add	0.19	
05 31 13 00-0007 SF 1-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	4.98	0.74
For Painted, Deduct	-0.20	
For Perforated Or Slotted, Add	0.20	
For Site Installed Insulation Between Ribs, Add	1.31	
For Up To 100, Add	1.34	
For >100 To 500, Add	0.78	
For >500 To 1,500, Add	0.24	
05 31 13 00-0008 SF 2" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	3.90	0.56
For Painted, Deduct	-0.16	
For Perforated Or Slotted, Add	0.16	
For Site Installed Insulation Between Ribs, Add	1.03	
For Up To 100, Add	1.02	
For >100 To 500, Add	0.60	
For >500 To 1,500, Add	0.18	
05 31 13 00-0009 SF 2" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	4.53	0.65
For Painted, Deduct	-0.19	
For Perforated Or Slotted, Add	0.19	
For Site Installed Insulation Between Ribs, Add	1.19	
For Up To 100, Add	1.17	
For >100 To 500, Add	0.69	
For >500 To 1,500, Add	0.20	
05 31 13 00-0010 SF 2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	5.58	0.73
For Painted, Deduct	-0.23	
For Perforated Or Slotted, Add	0.23	
For Site Installed Insulation Between Ribs, Add	1.46	
For Up To 100, Add	1.37	
For >100 To 500, Add	0.83	
For >500 To 1,500, Add	0.23	
05 31 13 00-0011 SF 2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	7.03	0.78
For Painted, Deduct	-0.30	
For Perforated Or Slotted, Add	0.30	
For Site Installed Insulation Between Ribs, Add	1.83	
For Up To 100, Add	1.59	
For >100 To 500, Add	1.00	
For >500 To 1,500, Add	0.25	
05 31 13 00-0012 SF 3" Deep, 22 Gauge Open Ribbed Galvanized Steel Deck.....	4.36	0.59
For Painted, Deduct	-0.18	
For Perforated Or Slotted, Add	0.18	
For Site Installed Insulation Between Ribs, Add	1.15	
For Up To 100, Add	1.10	
For >100 To 500, Add	0.66	
For >500 To 1,500, Add	0.19	
05 31 13 00-0013 SF 3" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	5.09	0.67
For Painted, Deduct	-0.21	
For Perforated Or Slotted, Add	0.21	
For Site Installed Insulation Between Ribs, Add	1.34	
For Up To 100, Add	1.26	
For >100 To 500, Add	0.76	
For >500 To 1,500, Add	0.21	
05 31 13 00-0014 SF 3" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	6.35	0.82
For Painted, Deduct	-0.27	
For Perforated Or Slotted, Add	0.27	
For Site Installed Insulation Between Ribs, Add	1.66	
For Up To 100, Add	1.57	
For >100 To 500, Add	0.95	
For >500 To 1,500, Add	0.26	
05 31 13 00-0015 SF 3" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	7.99	1.01
For Painted, Deduct	-0.34	
For Perforated Or Slotted, Add	0.34	
For Site Installed Insulation Between Ribs, Add	2.09	
For Up To 100, Add	1.92	
For >100 To 500, Add	1.17	
For >500 To 1,500, Add	0.31	
05 31 13 00-0016 SF 4-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	11.60	
For Painted, Deduct	-0.54	
For Perforated Or Slotted, Add	0.54	
For Site Installed Insulation Between Ribs, Add	2.97	
For Up To 100, Add	1.97	
For >100 To 500, Add	1.43	
For >500 To 1,500, Add	0.23	

05 Metals**05 30 Metal Decking****05 31 Steel Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31	13 00-0017	SF	4-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	14.65	0.82
			<i>For Painted, Deduct</i>	-0.68	
			<i>For Perforated Or Slotted, Add</i>	0.68	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.74	
			<i>For Up To 100, Add</i>	-2.40	
			<i>For >100 To 500, Add</i>	1.78	
			<i>For >500 To 1,500, Add</i>	0.26	
05 31	13 00-0018	SF	6" Deep, 20 Gauge Open Ribbed Galvanized Steel Deck.....	13.60	0.82
			<i>For Painted, Deduct</i>	-0.63	
			<i>For Perforated Or Slotted, Add</i>	0.63	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.48	
			<i>For Up To 100, Add</i>	2.30	
			<i>For >100 To 500, Add</i>	1.67	
			<i>For >500 To 1,500, Add</i>	0.26	
05 31	13 00-0019	SF	6" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	14.24	1.01
			<i>For Painted, Deduct</i>	-0.65	
			<i>For Perforated Or Slotted, Add</i>	0.65	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.65	
			<i>For Up To 100, Add</i>	2.55	
			<i>For >100 To 500, Add</i>	1.80	
			<i>For >500 To 1,500, Add</i>	0.31	
05 31	13 00-0020	SF	6" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	17.79	1.22
			<i>For Painted, Deduct</i>	-0.81	
			<i>For Perforated Or Slotted, Add</i>	0.81	
			<i>For Site Installed Insulation Between Ribs, Add</i>	4.56	
			<i>For Up To 100, Add</i>	3.16	
			<i>For >100 To 500, Add</i>	2.24	
			<i>For >500 To 1,500, Add</i>	0.38	
05 31	13 00-0021	SF	7-1/2" Deep, 18 Gauge Open Ribbed Galvanized Steel Deck.....	15.74	1.10
			<i>For Painted, Deduct</i>	-0.72	
			<i>For Perforated Or Slotted, Add</i>	0.72	
			<i>For Site Installed Insulation Between Ribs, Add</i>	4.04	
			<i>For Up To 100, Add</i>	2.81	
			<i>For >100 To 500, Add</i>	1.99	
			<i>For >500 To 1,500, Add</i>	0.34	
05 31	13 00-0022	SF	7-1/2" Deep, 16 Gauge Open Ribbed Galvanized Steel Deck.....	19.62	1.33
			<i>For Painted, Deduct</i>	-0.90	
			<i>For Perforated Or Slotted, Add</i>	0.90	
			<i>For Site Installed Insulation Between Ribs, Add</i>	5.03	
			<i>For Up To 100, Add</i>	3.47	
			<i>For >100 To 500, Add</i>	2.46	
			<i>For >500 To 1,500, Add</i>	0.42	
05 31	13 00-0023		Cellular Galvanized Steel Deck <small>(05 31 13)</small>		
			Note: Cellular decking is made of a top ribbed sheet and a flat bottom sheet welded together to create hollow longitudinal cells within the panels.		
05 31	13 00-0024	SF	1" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	10.40	0.84
			<i>For Painted, Deduct</i>	-0.47	
			<i>For Perforated Or Slotted, Add</i>	0.47	
			<i>For Insulated Cells, Add</i>	2.10	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.68	
			<i>For Up To 100, Add</i>	1.99	
			<i>For >100 To 500, Add</i>	1.36	
			<i>For >500 To 1,500, Add</i>	0.27	
05 31	13 00-0025	SF	1" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	11.29	1.12
			<i>For Painted, Deduct</i>	-0.49	
			<i>For Perforated Or Slotted, Add</i>	0.49	
			<i>For Insulated Cells, Add</i>	2.23	
			<i>For Site Installed Insulation Between Ribs, Add</i>	2.93	
			<i>For Up To 100, Add</i>	2.39	
			<i>For >100 To 500, Add</i>	1.55	
			<i>For >500 To 1,500, Add</i>	0.35	
05 31	13 00-0026	SF	1-1/2" Deep, 22/18 Gauge Cellular Galvanized Steel Deck.....	12.77	0.88
			<i>For Painted, Deduct</i>	-0.58	
			<i>For Perforated Or Slotted, Add</i>	0.58	
			<i>For Insulated Cells, Add</i>	2.62	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.27	
			<i>For Up To 100, Add</i>	2.28	
			<i>For >100 To 500, Add</i>	1.61	
			<i>For >500 To 1,500, Add</i>	0.28	
05 31	13 00-0027	SF	1-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	13.80	1.18
			<i>For Painted, Deduct</i>	-0.62	
			<i>For Perforated Or Slotted, Add</i>	0.62	
			<i>For Insulated Cells, Add</i>	2.77	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.56	
			<i>For Up To 100, Add</i>	2.70	
			<i>For >100 To 500, Add</i>	1.82	
			<i>For >500 To 1,500, Add</i>	0.37	
05 31	13 00-0028	SF	3" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	14.62	1.08
			<i>For Painted, Deduct</i>	-0.66	
			<i>For Perforated Or Slotted, Add</i>	0.66	
			<i>For Insulated Cells, Add</i>	2.99	
			<i>For Site Installed Insulation Between Ribs, Add</i>	3.75	
			<i>For Up To 100, Add</i>	2.66	
			<i>For >100 To 500, Add</i>	1.86	
			<i>For >500 To 1,500, Add</i>	0.33	

	Metals	05	
	Metal Decking	05 30	05
	Steel Decking	05 31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 13 00-0029 SF 3" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	17.48	1.24
For Painted, Deduct	-0.80	
For Perforated Or Slotted, Add	0.80	
For Insulated Cells, Add	3.58	
For Site Installed Insulation Between Ribs, Add	4.48	
For Up To 100, Add	3.14	
For >100 To 500, Add	2.21	
For >500 To 1,500, Add	0.39	
05 31 13 00-0030 SF 3" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	19.60	1.33
For Painted, Deduct	-0.90	
For Perforated Or Slotted, Add	0.90	
For Insulated Cells, Add	4.03	
For Site Installed Insulation Between Ribs, Add	5.02	
For Up To 100, Add	3.46	
For >100 To 500, Add	2.46	
For >500 To 1,500, Add	0.42	
05 31 13 00-0031 SF 3" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	21.19	1.43
For Painted, Deduct	-0.97	
For Perforated Or Slotted, Add	0.97	
For Insulated Cells, Add	4.37	
For Site Installed Insulation Between Ribs, Add	5.43	
For Up To 100, Add	3.73	
For >100 To 500, Add	2.66	
For >500 To 1,500, Add	0.45	
05 31 13 00-0032 SF 4-1/2" Deep, 20/18 Gauge Cellular Galvanized Steel Deck.....	22.72	1.08
For Painted, Deduct	-1.07	
For Perforated Or Slotted, Add	1.07	
For Insulated Cells, Add	4.81	
For Site Installed Insulation Between Ribs, Add	5.78	
For Up To 100, Add	3.49	
For >100 To 500, Add	2.68	
For >500 To 1,500, Add	0.34	
05 31 13 00-0033 SF 4-1/2" Deep, 18/18 Gauge Cellular Galvanized Steel Deck.....	24.16	1.26
For Painted, Deduct	-1.13	
For Perforated Or Slotted, Add	1.13	
For Insulated Cells, Add	5.08	
For Site Installed Insulation Between Ribs, Add	6.16	
For Up To 100, Add	3.84	
For >100 To 500, Add	2.89	
For >500 To 1,500, Add	0.40	
05 31 13 00-0034 SF 4-1/2" Deep, 18/16 Gauge Cellular Galvanized Steel Deck.....	25.53	1.35
For Painted, Deduct	-1.19	
For Perforated Or Slotted, Add	1.19	
For Insulated Cells, Add	5.36	
For Site Installed Insulation Between Ribs, Add	6.51	
For Up To 100, Add	4.08	
For >100 To 500, Add	3.06	
For >500 To 1,500, Add	0.43	
05 31 13 00-0035 SF 4-1/2" Deep, 16/16 Gauge Cellular Galvanized Steel Deck.....	27.22	1.45
For Painted, Deduct	-1.27	
For Perforated Or Slotted, Add	1.27	
For Insulated Cells, Add	5.72	
For Site Installed Insulation Between Ribs, Add	6.94	
For Up To 100, Add	4.36	
For >100 To 500, Add	3.27	
For >500 To 1,500, Add	0.46	

05 31 23 Steel Roof Decking (05 31)
See CSI section 05 31 13 00-0000 for Steel floor or roof decking.

05 31 33 Steel Form Decking (05 31)

05 31 33 00-0001 Open Ribbed Galvanized Steel Form Deck (05 31 33)

05 31 33 00-0002 SF 9/16" Deep, 28 Gauge Open Ribbed Galvanized Steel Form Deck.....	2.81	
For Painted, Deduct	-0.10	
For Perforated Or Slotted, Add	0.10	
For Up To 100, Add	1.07	
For >100 To 500, Add	0.55	
For >500 To 1,500, Add	0.22	
05 31 33 00-0003 SF 9/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.00	
For Painted, Deduct	-0.10	
For Perforated Or Slotted, Add	0.10	
For Up To 100, Add	1.15	
For >100 To 500, Add	0.58	
For >500 To 1,500, Add	0.24	
05 31 33 00-0004 SF 9/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.31	
For Painted, Deduct	-0.11	
For Perforated Or Slotted, Add	0.11	
For Up To 100, Add	1.30	
For >100 To 500, Add	0.66	
For >500 To 1,500, Add	0.27	
05 31 33 00-0005 SF 9/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.58	
For Painted, Deduct	-0.12	
For Perforated Or Slotted, Add	0.12	
For Up To 100, Add	1.47	
For >100 To 500, Add	0.73	
For >500 To 1,500, Add	0.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 31 33 00-0006	SF		15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.40	
			<i>For Painted, Deduct</i>	-0.12	
			<i>For Perforated Or Slotted, Add</i>	0.12	
			<i>For Up To 100, Add</i>	1.19	
			<i>For >100 To 500, Add</i>	0.62	
			<i>For >500 To 1,500, Add</i>	0.24	
05 31 33 00-0007	SF		15/16" Deep, 25 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.57	
			<i>For Painted, Deduct</i>	-0.13	
			<i>For Perforated Or Slotted, Add</i>	0.13	
			<i>For Up To 100, Add</i>	1.25	
			<i>For >100 To 500, Add</i>	0.65	
			<i>For >500 To 1,500, Add</i>	0.25	
05 31 33 00-0008	SF		15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	3.75	
			<i>For Painted, Deduct</i>	-0.13	
			<i>For Perforated Or Slotted, Add</i>	0.13	
			<i>For Up To 100, Add</i>	1.35	
			<i>For >100 To 500, Add</i>	0.70	
			<i>For >500 To 1,500, Add</i>	0.27	
05 31 33 00-0009	SF		15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.00	
			<i>For Painted, Deduct</i>	-0.14	
			<i>For Perforated Or Slotted, Add</i>	0.14	
			<i>For Up To 100, Add</i>	1.51	
			<i>For >100 To 500, Add</i>	0.77	
			<i>For >500 To 1,500, Add</i>	0.31	
05 31 33 00-0010	SF		1-15/16" Deep, 26 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.22	
			<i>For Painted, Deduct</i>	-0.15	
			<i>For Perforated Or Slotted, Add</i>	0.15	
			<i>For Up To 100, Add</i>	1.57	
			<i>For >100 To 500, Add</i>	0.81	
			<i>For >500 To 1,500, Add</i>	0.32	
05 31 33 00-0011	SF		1-15/16" Deep, 24 Gauge Open Ribbed Galvanized Steel Form Deck.....	4.61	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Up To 100, Add</i>	1.66	
			<i>For >100 To 500, Add</i>	0.86	
			<i>For >500 To 1,500, Add</i>	0.33	
05 31 33 00-0012	SF		1-15/16" Deep, 22 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.28	
			<i>For Painted, Deduct</i>	-0.19	
			<i>For Perforated Or Slotted, Add</i>	0.19	
			<i>For Up To 100, Add</i>	1.81	
			<i>For >100 To 500, Add</i>	0.95	
			<i>For >500 To 1,500, Add</i>	0.36	
05 31 33 00-0013	SF		1-15/16" Deep, 20 Gauge Open Ribbed Galvanized Steel Form Deck.....	5.86	
			<i>For Painted, Deduct</i>	-0.21	
			<i>For Perforated Or Slotted, Add</i>	0.21	
			<i>For Up To 100, Add</i>	2.05	
			<i>For >100 To 500, Add</i>	1.08	
			<i>For >500 To 1,500, Add</i>	0.41	

05 36 Composite Metal Decking (05 30)

See CSI section 03 30 00 00-0000 for concrete.

05 36 00 00-0001			Composite Open Ribbed Galvanized Steel Deck <small>(05 36)</small>		
			Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab.		
05 36 00 00-0002	SF		1-1/2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.26	
			<i>For Painted, Deduct</i>	-0.15	
			<i>For Perforated Or Slotted, Add</i>	0.15	
			<i>For Up To 100, Add</i>	1.58	
			<i>For >100 To 500, Add</i>	0.81	
			<i>For >500 To 1,500, Add</i>	0.32	
05 36 00 00-0003	SF		1-1/2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.54	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Up To 100, Add</i>	1.73	
			<i>For >100 To 500, Add</i>	0.88	
			<i>For >500 To 1,500, Add</i>	0.36	
05 36 00 00-0004	SF		1-1/2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.07	
			<i>For Painted, Deduct</i>	-0.17	
			<i>For Perforated Or Slotted, Add</i>	0.17	
			<i>For Up To 100, Add</i>	2.10	
			<i>For >100 To 500, Add</i>	1.04	
			<i>For >500 To 1,500, Add</i>	0.44	
05 36 00 00-0005	SF		1-1/2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.52	
			<i>For Painted, Deduct</i>	-0.17	
			<i>For Perforated Or Slotted, Add</i>	0.17	
			<i>For Up To 100, Add</i>	2.45	
			<i>For >100 To 500, Add</i>	1.19	
			<i>For >500 To 1,500, Add</i>	0.53	
05 36 00 00-0006	SF		2" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.54	
			<i>For Painted, Deduct</i>	-0.16	
			<i>For Perforated Or Slotted, Add</i>	0.16	
			<i>For Up To 100, Add</i>	1.73	
			<i>For >100 To 500, Add</i>	0.88	
			<i>For >500 To 1,500, Add</i>	0.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0007 SF 2" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.92	
<i>For Painted, Deduct</i>	-0.17	
<i>For Perforated Or Slotted, Add</i>	0.17	
<i>For Up To 100, Add</i>	1.91	
<i>For >100 To 500, Add</i>	0.97	
<i>For >500 To 1,500, Add</i>	0.40	
05 36 00 00-0008 SF 2" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.44	
<i>For Painted, Deduct</i>	-0.18	
<i>For Perforated Or Slotted, Add</i>	0.18	
<i>For Up To 100, Add</i>	2.27	
<i>For >100 To 500, Add</i>	1.12	
<i>For >500 To 1,500, Add</i>	0.48	
05 36 00 00-0009 SF 2" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.92	
<i>For Painted, Deduct</i>	-0.18	
<i>For Perforated Or Slotted, Add</i>	0.18	
<i>For Up To 100, Add</i>	2.63	
<i>For >100 To 500, Add</i>	1.27	
<i>For >500 To 1,500, Add</i>	0.57	
05 36 00 00-0010 SF 3" Deep, 22 Gauge Composite Open Ribbed Galvanized Steel Deck.....	4.77	
<i>For Painted, Deduct</i>	-0.17	
<i>For Perforated Or Slotted, Add</i>	0.17	
<i>For Up To 100, Add</i>	1.80	
<i>For >100 To 500, Add</i>	0.92	
<i>For >500 To 1,500, Add</i>	0.37	
05 36 00 00-0011 SF 3" Deep, 20 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.12	
<i>For Painted, Deduct</i>	-0.17	
<i>For Perforated Or Slotted, Add</i>	0.17	
<i>For Up To 100, Add</i>	2.02	
<i>For >100 To 500, Add</i>	1.01	
<i>For >500 To 1,500, Add</i>	0.42	
05 36 00 00-0012 SF 3" Deep, 18 Gauge Composite Open Ribbed Galvanized Steel Deck.....	5.72	
<i>For Painted, Deduct</i>	-0.18	
<i>For Perforated Or Slotted, Add</i>	0.18	
<i>For Up To 100, Add</i>	2.43	
<i>For >100 To 500, Add</i>	1.19	
<i>For >500 To 1,500, Add</i>	0.52	
05 36 00 00-0013 SF 3" Deep, 16 Gauge Composite Open Ribbed Galvanized Steel Deck.....	6.38	
<i>For Painted, Deduct</i>	-0.20	
<i>For Perforated Or Slotted, Add</i>	0.20	
<i>For Up To 100, Add</i>	2.85	
<i>For >100 To 500, Add</i>	1.38	
<i>For >500 To 1,500, Add</i>	0.62	
05 36 00 00-0014 Composite Cellular Galvanized Steel Deck <small>(05 36)</small>		
Note: Composite decking has rolled-in embossments or ridges designed to interlock with the concrete slab. Cellular decking is made of a top ribbed sheet and a bottom flat sheet welded together to create hollow longitudinal cells within the panels.		
05 36 00 00-0015 SF 1-1/2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	7.81	
<i>For Painted, Deduct</i>	-0.28	
<i>For Perforated Or Slotted, Add</i>	0.28	
<i>For Insulated Cells, Add</i>	1.24	
<i>For Up To 100, Add</i>	2.86	
<i>For >100 To 500, Add</i>	1.47	
<i>For >500 To 1,500, Add</i>	0.58	
05 36 00 00-0016 SF 1-1/2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.33	
<i>For Painted, Deduct</i>	-0.29	
<i>For Perforated Or Slotted, Add</i>	0.29	
<i>For Insulated Cells, Add</i>	1.30	
<i>For Up To 100, Add</i>	3.13	
<i>For >100 To 500, Add</i>	1.60	
<i>For >500 To 1,500, Add</i>	0.64	
05 36 00 00-0017 SF 1-1/2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.43	
<i>For Painted, Deduct</i>	-0.29	
<i>For Perforated Or Slotted, Add</i>	0.29	
<i>For Insulated Cells, Add</i>	1.30	
<i>For Up To 100, Add</i>	3.23	
<i>For >100 To 500, Add</i>	1.64	
<i>For >500 To 1,500, Add</i>	0.66	
05 36 00 00-0018 SF 1-1/2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.95	
<i>For Painted, Deduct</i>	-0.30	
<i>For Perforated Or Slotted, Add</i>	0.30	
<i>For Insulated Cells, Add</i>	1.35	
<i>For Up To 100, Add</i>	3.55	
<i>For >100 To 500, Add</i>	1.78	
<i>For >500 To 1,500, Add</i>	0.74	
05 36 00 00-0019 SF 1-1/2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.58	
<i>For Painted, Deduct</i>	-0.32	
<i>For Perforated Or Slotted, Add</i>	0.32	
<i>For Insulated Cells, Add</i>	1.44	
<i>For Up To 100, Add</i>	3.83	
<i>For >100 To 500, Add</i>	1.92	
<i>For >500 To 1,500, Add</i>	0.80	

05 Metals**05 30 Metal Decking****05 36 Composite Metal Decking**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0020	SF		1-1/2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.68	
			<i>For Painted, Deduct</i>	-0.32	
			<i>For Perforated Or Slotted, Add</i>	0.32	
			<i>For Insulated Cells, Add</i>	1.44	
			<i>For Up To 100, Add</i>	3.93	
			<i>For >100 To 500, Add</i>	1.96	
			<i>For >500 To 1,500, Add</i>	0.82	
05 36 00 00-0021	SF		1-1/2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.20	
			<i>For Painted, Deduct</i>	-0.33	
			<i>For Perforated Or Slotted, Add</i>	0.33	
			<i>For Insulated Cells, Add</i>	1.49	
			<i>For Up To 100, Add</i>	4.25	
			<i>For >100 To 500, Add</i>	2.10	
			<i>For >500 To 1,500, Add</i>	0.90	
05 36 00 00-0022	SF		2" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.06	
			<i>For Painted, Deduct</i>	-0.28	
			<i>For Perforated Or Slotted, Add</i>	0.28	
			<i>For Insulated Cells, Add</i>	1.26	
			<i>For Up To 100, Add</i>	3.02	
			<i>For >100 To 500, Add</i>	1.54	
			<i>For >500 To 1,500, Add</i>	0.62	
05 36 00 00-0023	SF		2" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.50	
			<i>For Painted, Deduct</i>	-0.29	
			<i>For Perforated Or Slotted, Add</i>	0.29	
			<i>For Insulated Cells, Add</i>	1.32	
			<i>For Up To 100, Add</i>	3.24	
			<i>For >100 To 500, Add</i>	1.65	
			<i>For >500 To 1,500, Add</i>	0.66	
05 36 00 00-0024	SF		2" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.61	
			<i>For Painted, Deduct</i>	-0.29	
			<i>For Perforated Or Slotted, Add</i>	0.29	
			<i>For Insulated Cells, Add</i>	1.32	
			<i>For Up To 100, Add</i>	3.35	
			<i>For >100 To 500, Add</i>	1.69	
			<i>For >500 To 1,500, Add</i>	0.69	
05 36 00 00-0025	SF		2" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.23	
			<i>For Painted, Deduct</i>	-0.31	
			<i>For Perforated Or Slotted, Add</i>	0.31	
			<i>For Insulated Cells, Add</i>	1.39	
			<i>For Up To 100, Add</i>	3.67	
			<i>For >100 To 500, Add</i>	1.84	
			<i>For >500 To 1,500, Add</i>	0.76	
05 36 00 00-0026	SF		2" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.75	
			<i>For Painted, Deduct</i>	-0.32	
			<i>For Perforated Or Slotted, Add</i>	0.32	
			<i>For Insulated Cells, Add</i>	1.45	
			<i>For Up To 100, Add</i>	3.94	
			<i>For >100 To 500, Add</i>	1.96	
			<i>For >500 To 1,500, Add</i>	0.82	
05 36 00 00-0027	SF		2" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.90	
			<i>For Painted, Deduct</i>	-0.32	
			<i>For Perforated Or Slotted, Add</i>	0.32	
			<i>For Insulated Cells, Add</i>	1.45	
			<i>For Up To 100, Add</i>	4.09	
			<i>For >100 To 500, Add</i>	2.02	
			<i>For >500 To 1,500, Add</i>	0.86	
05 36 00 00-0028	SF		2" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.44	
			<i>For Painted, Deduct</i>	-0.34	
			<i>For Perforated Or Slotted, Add</i>	0.34	
			<i>For Insulated Cells, Add</i>	1.52	
			<i>For Up To 100, Add</i>	4.37	
			<i>For >100 To 500, Add</i>	2.15	
			<i>For >500 To 1,500, Add</i>	0.92	
05 36 00 00-0029	SF		3" Deep, 20/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.10	
			<i>For Painted, Deduct</i>	-0.28	
			<i>For Perforated Or Slotted, Add</i>	0.28	
			<i>For Insulated Cells, Add</i>	1.27	
			<i>For Up To 100, Add</i>	3.02	
			<i>For >100 To 500, Add</i>	1.55	
			<i>For >500 To 1,500, Add</i>	0.62	
05 36 00 00-0030	SF		3" Deep, 20/18 Gauge Composite Cellular Galvanized Steel Deck.....	8.55	
			<i>For Painted, Deduct</i>	-0.29	
			<i>For Perforated Or Slotted, Add</i>	0.29	
			<i>For Insulated Cells, Add</i>	1.32	
			<i>For Up To 100, Add</i>	3.29	
			<i>For >100 To 500, Add</i>	1.67	
			<i>For >500 To 1,500, Add</i>	0.68	
05 36 00 00-0031	SF		3" Deep, 18/20 Gauge Composite Cellular Galvanized Steel Deck.....	8.70	
			<i>For Painted, Deduct</i>	-0.29	
			<i>For Perforated Or Slotted, Add</i>	0.29	
			<i>For Insulated Cells, Add</i>	1.32	
			<i>For Up To 100, Add</i>	3.44	
			<i>For >100 To 500, Add</i>	1.73	
			<i>For >500 To 1,500, Add</i>	0.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 36 00 00-0032 SF 3" Deep, 18/18 Gauge Composite Cellular Galvanized Steel Deck.....	9.31	
<i>For Painted, Deduct</i>	-0.31	
<i>For Perforated Or Slotted, Add</i>	0.31	
<i>For Insulated Cells, Add</i>	1.40	
<i>For Up To 100, Add</i>	3.72	
<i>For >100 To 500, Add</i>	1.86	
<i>For >500 To 1,500, Add</i>	0.78	
05 36 00 00-0033 SF 3" Deep, 18/16 Gauge Composite Cellular Galvanized Steel Deck.....	9.92	
<i>For Painted, Deduct</i>	-0.33	
<i>For Perforated Or Slotted, Add</i>	0.33	
<i>For Insulated Cells, Add</i>	1.48	
<i>For Up To 100, Add</i>	4.01	
<i>For >100 To 500, Add</i>	2.00	
<i>For >500 To 1,500, Add</i>	0.84	
05 36 00 00-0034 SF 3" Deep, 16/18 Gauge Composite Cellular Galvanized Steel Deck.....	10.11	
<i>For Painted, Deduct</i>	-0.33	
<i>For Perforated Or Slotted, Add</i>	0.33	
<i>For Insulated Cells, Add</i>	1.48	
<i>For Up To 100, Add</i>	4.20	
<i>For >100 To 500, Add</i>	2.07	
<i>For >500 To 1,500, Add</i>	0.89	
05 36 00 00-0035 SF 3" Deep, 16/16 Gauge Composite Cellular Galvanized Steel Deck.....	10.53	
<i>For Painted, Deduct</i>	-0.34	
<i>For Perforated Or Slotted, Add</i>	0.34	
<i>For Insulated Cells, Add</i>	1.52	
<i>For Up To 100, Add</i>	4.46	
<i>For >100 To 500, Add</i>	2.19	
<i>For >500 To 1,500, Add</i>	0.95	

05 36 00 00-0036 Non-Cellular, Composite Deck, Galvanized ^(05 36)

05 36 00 00-0037 SF 1" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.06
05 36 00 00-0038 SF 1" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.97
05 36 00 00-0039 SF 1" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.11
05 36 00 00-0040 SF 1" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	3.53
05 36 00 00-0041 SF 1-1/2" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.67
05 36 00 00-0042 SF 1-1/2" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	5.41
05 36 00 00-0043 SF 1-1/2" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.49
05 36 00 00-0044 SF 1-1/2" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	3.85
05 36 00 00-0045 SF 3" Deep x 16 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	7.68
05 36 00 00-0046 SF 3" Deep x 18 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	6.14
05 36 00 00-0047 SF 3" Deep x 20 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	5.14
05 36 00 00-0048 SF 3" Deep x 22 Gauge Composite Metal Deck Galvanized, Non-Cellular.....	4.64

05 40 Cold-Formed Metal Framing ⁽⁰⁵⁾

Note: Includes all connecting bolts and welds.

05 41 Structural Metal Stud Framing ^(05 40)

Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.

05 41 00 00-0001 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ^(05 41)

05 41 00 00-0002 SF 2-1/2" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	4.72	0.98
<i>For Walls >10' High, Add</i>	0.94	
<i>For Curved Wall, Add</i>	0.68	
<i>For Up To 200, Add</i>	1.40	
<i>For >200 To 500, Add</i>	0.70	
<i>For 12" On Center, Add</i>	0.83	
<i>For 24" On Center, Deduct</i>	-0.83	
05 41 00 00-0003 SF 3-5/8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.26	0.98
<i>For Walls >10' High, Add</i>	1.05	
<i>For Curved Wall, Add</i>	0.72	
<i>For Up To 200, Add</i>	1.53	
<i>For >200 To 500, Add</i>	0.77	
<i>For 12" On Center, Add</i>	0.93	
<i>For 24" On Center, Deduct</i>	-0.93	
05 41 00 00-0004 SF 4" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	5.49	0.98
<i>For Walls >10' High, Add</i>	1.10	
<i>For Curved Wall, Add</i>	0.75	
<i>For Up To 200, Add</i>	1.60	
<i>For >200 To 500, Add</i>	0.80	
<i>For 12" On Center, Add</i>	0.97	
<i>For 24" On Center, Deduct</i>	-0.97	
05 41 00 00-0005 SF 6" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.90	1.09
<i>For Walls >10' High, Add</i>	1.38	
<i>For Curved Wall, Add</i>	0.78	
<i>For Up To 200, Add</i>	1.90	
<i>For >200 To 500, Add</i>	0.95	
<i>For 12" On Center, Add</i>	1.25	
<i>For 24" On Center, Deduct</i>	-1.25	

05 Metals**05 40 Cold-Formed Metal Framing****05 41 Structural Metal Stud Framing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
05 41 00 00-0006	SF	8" Width, 16" On Center, 18 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	7.68	1.20
		<i>For Walls >10' High, Add</i>	1.54	
		<i>For Curved Wall, Add</i>	0.81	
		<i>For Up To 200, Add</i>	2.08	
		<i>For >200 To 500, Add</i>	1.04	
		<i>For 12" On Center, Add</i>	1.40	
		<i>For 24" On Center, Deduct</i>	-1.40	
05 41 00 00-0007		16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ^(05 41)		
05 41 00 00-0008	SF	2-1/2" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.07	0.98
		<i>For Walls >10' High, Add</i>	1.01	
		<i>For Curved Wall, Add</i>	0.72	
		<i>For Up To 200, Add</i>	1.49	
		<i>For >200 To 500, Add</i>	0.75	
		<i>For 12" On Center, Add</i>	0.89	
		<i>For 24" On Center, Deduct</i>	-0.89	
05 41 00 00-0009	SF	3-5/8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	5.83	0.99
		<i>For Walls >10' High, Add</i>	1.17	
		<i>For Curved Wall, Add</i>	0.76	
		<i>For Up To 200, Add</i>	1.67	
		<i>For >200 To 500, Add</i>	0.84	
		<i>For 12" On Center, Add</i>	1.04	
		<i>For 24" On Center, Deduct</i>	-1.04	
05 41 00 00-0010	SF	4" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	6.14	0.99
		<i>For Walls >10' High, Add</i>	1.23	
		<i>For Curved Wall, Add</i>	0.78	
		<i>For Up To 200, Add</i>	1.75	
		<i>For >200 To 500, Add</i>	0.88	
		<i>For 12" On Center, Add</i>	1.10	
		<i>For 24" On Center, Deduct</i>	-1.10	
05 41 00 00-0011	SF	6" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	7.70	1.20
		<i>For Walls >10' High, Add</i>	1.54	
		<i>For Curved Wall, Add</i>	0.82	
		<i>For Up To 200, Add</i>	2.09	
		<i>For >200 To 500, Add</i>	1.04	
		<i>For 12" On Center, Add</i>	1.40	
		<i>For 24" On Center, Deduct</i>	-1.40	
05 41 00 00-0012	SF	8" Width, 16" On Center, 16 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	8.47	1.31
		<i>For Walls >10' High, Add</i>	1.69	
		<i>For Curved Wall, Add</i>	0.86	
		<i>For Up To 200, Add</i>	2.27	
		<i>For >200 To 500, Add</i>	1.14	
		<i>For 12" On Center, Add</i>	1.55	
		<i>For 24" On Center, Deduct</i>	-1.55	
05 41 00 00-0013		14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners ^(05 41)		
05 41 00 00-0014	SF	3-5/8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners	6.93	1.36
		<i>For Walls >10' High, Add</i>	1.39	
		<i>For Curved Wall, Add</i>	0.91	
		<i>For Up To 200, Add</i>	1.99	
		<i>For >200 To 500, Add</i>	1.00	
		<i>For 12" On Center, Add</i>	1.24	
		<i>For 24" On Center, Deduct</i>	-1.24	
05 41 00 00-0015	SF	4" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	7.12	1.38
		<i>For Walls >10' High, Add</i>	1.42	
		<i>For Curved Wall, Add</i>	0.92	
		<i>For Up To 200, Add</i>	2.04	
		<i>For >200 To 500, Add</i>	1.02	
		<i>For 12" On Center, Add</i>	1.27	
		<i>For 24" On Center, Deduct</i>	-1.27	
05 41 00 00-0016	SF	6" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	8.86	1.46
		<i>For Walls >10' High, Add</i>	1.77	
		<i>For Curved Wall, Add</i>	0.97	
		<i>For Up To 200, Add</i>	2.42	
		<i>For >200 To 500, Add</i>	1.21	
		<i>For 12" On Center, Add</i>	1.61	
		<i>For 24" On Center, Deduct</i>	-1.61	
05 41 00 00-0017	SF	8" Width, 16" On Center, 14 Gauge, Load Bearing, Structural Metal Stud Framing With Tracks And Runners.....	9.70	1.52
		<i>For Walls >10' High, Add</i>	1.94	
		<i>For Curved Wall, Add</i>	1.01	
		<i>For Up To 200, Add</i>	2.62	
		<i>For >200 To 500, Add</i>	1.31	
		<i>For 12" On Center, Add</i>	1.77	
		<i>For 24" On Center, Deduct</i>	-1.77	

05 42 Cold-Formed Metal Joist Framing ^(05 40)**05 42 13 Cold-Formed Metal Floor Joist Framing** ^(05 42)

Note: Floor or roof joist framing

05 42 13 00-0001 Steel Joists, 20 Gauge ^(05 42 13)

05 42 13 00-0002	LF	5-1/2" - 20 Gauge Steel Joists	9.85	2.33
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 42 13 00-0003 LF 6" - 20 Gauge Steel Joists	10.79	2.94
05 42 13 00-0004 LF 7-1/4" - 20 Gauge Steel Joists	11.63	3.22
05 42 13 00-0005 LF 8" - 20 Gauge Steel Joists	13.02	3.42
05 42 13 00-0006 Steel Joists, 18 Gauge <small>(05 42 13)</small>		
05 42 13 00-0007 LF 5-1/2" - 18 Gauge Steel Joists	10.97	2.59
05 42 13 00-0008 LF 6" - 18 Gauge Steel Joists	12.03	3.26
05 42 13 00-0009 LF 7-1/4" - 18 Gauge Steel Joists	13.02	3.58
05 42 13 00-0010 LF 8" - 18 Gauge Steel Joists	13.41	3.80
05 42 13 00-0011 Steel Joists, 16 Gauge <small>(05 42 13)</small>		
05 42 13 00-0012 LF 7-1/4" - 16 Gauge Steel Joists	14.03	3.61
05 42 13 00-0013 LF 8" - 16 Gauge Steel Joists	14.82	3.80
05 42 13 00-0014 Steel Joists, 14 Gauge <small>(05 42 13)</small>		
05 42 13 00-0015 LF 9-1/4" - 14 Gauge Steel Joists	16.66	3.80
05 42 13 00-0016 LF 11-1/2" - 14 Gauge Steel Joists	18.08	4.01
05 42 13 00-0017 Steel Joists, 12 Gauge <small>(05 42 13)</small>		
05 42 13 00-0018 LF 9-1/4" - 12 Gauge Steel Joists	19.77	4.18
05 42 13 00-0019 LF 11-1/2" - 12 Gauge Steel Joists	21.60	4.41
05 42 13 00-0020 Steel Joists, 10 Gauge <small>(05 42 13)</small>		
05 42 13 00-0021 LF 9-1/4" - 10 Gauge Steel Joists	22.95	4.60
05 42 13 00-0022 LF 11-1/2" - 10 Gauge Steel Joists	25.18	4.85
05 42 13 00-0023 Steel Joists, 8 Gauge <small>(05 42 13)</small>		
05 42 13 00-0024 LF 9-1/4" - 8 Gauge Steel Joists	26.18	5.07
05 42 13 00-0025 LF 11-1/2" - 8 Gauge Steel Joists	28.80	5.34
05 42 23 Cold-Formed Metal Roof Joist Framing <small>(05 42)</small>		
<small>See CSI section 05 42 13 00-0000 for metal joist framing.</small>		
05 43 Slotted Channel Framing <small>(05 40)</small>		
05 43 00 00-0001 Unistrut Channel <small>(05 43)</small>		
<small>Note: Excludes fasteners and accessories.</small>		
05 43 00 00-0002 Steel Unistrut Channel <small>(05 43 00 00-0001)</small>		
05 43 00 00-0003 LF 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel	13.15	2.36
<small>For Powder Coating, Add</small>		1.26
<small>For Galvanizing, Add</small>		1.43
05 43 00 00-0004 LF 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel	13.56	2.36
<small>For Powder Coating, Add</small>		1.33
<small>For Galvanizing, Add</small>		1.50
05 43 00 00-0005 LF 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel	14.19	2.36
<small>For Powder Coating, Add</small>		1.42
<small>For Galvanizing, Add</small>		1.61
05 43 00 00-0006 LF 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel	12.33	2.36
<small>For Powder Coating, Add</small>		1.14
<small>For Galvanizing, Add</small>		1.29
05 43 00 00-0007 LF 1-5/8" Wide x 13/16" High, 14 Gauge, Steel Unistrut Channel	10.54	2.36
<small>For Powder Coating, Add</small>		0.87
<small>For Galvanizing, Add</small>		0.99
05 43 00 00-0008 Stainless Steel Unistrut Channel <small>(05 43 00 00-0001)</small>		
05 43 00 00-0009 304 Stainless Steel Unistrut Channel <small>(05 43 00 00-0008)</small>		
05 43 00 00-0010 LF 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	35.06	2.36
05 43 00 00-0011 LF 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	42.47	2.36
05 43 00 00-0012 LF 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel	40.63	2.36
05 43 00 00-0013 LF 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel	52.08	2.36
05 43 00 00-0014 316 Stainless Steel Unistrut Channel <small>(05 43 00 00-0008)</small>		
05 43 00 00-0015 LF 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel	59.10	2.36
05 43 00 00-0016 Accessories For Unistrut Channel <small>(05 43)</small>		
05 43 00 00-0017 EA Trolley Truck Hanger, 1-5/8" Channel P1834	57.21	7.84
05 43 00 00-0018 EA Flat Plate Fitting, One Hole, 1-5/8" Channel P1064	13.91	5.23
05 43 00 00-0019 EA 60 Degree Angle, 1-5/8" Channel P2097	14.60	5.23

05 Metals**05 40 Cold-Formed Metal Framing****05 43 Slotted Channel Framing**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
05 43 00 00-0020		Bases For Unistrut Channel (05 43)			
05 43 00 00-0021		Steel Bases For Unistrut Channel (05 43 00 00-0020)			
		Note: Includes straight or angled post mounting and fasteners.			
05 43 00 00-0022	EA	6" x 6", 1-5/8" Height, Single Post, Steel Base For Unistrut Channel	111.21		26.14
05 43 00 00-0023	EA	6" x 6", 3-1/2" Height, Single Post, Steel Base For Unistrut Channel	112.79		26.14
05 43 00 00-0024	EA	6" x 6", 1-5/8" Height, Double Post, Steel Base For Unistrut Channel	161.98		26.14
05 43 00 00-0025	EA	6" x 6", 3-1/2" Height, Double Post, Steel Base For Unistrut Channel	133.46		26.14
05 43 00 00-0026		Stainless Steel Bases For Unistrut Channel (05 43 00 00-0020)			
		Note: Includes straight or angled post mounting and fasteners.			
05 43 00 00-0027	EA	6" x 6", 1-5/8" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	225.89		26.14
05 43 00 00-0028	EA	6" x 6", 3-1/2" Height, Single Post, 304 Stainless Steel Base For Unistrut Channel	410.33		26.14
05 43 00 00-0029	EA	6" x 6", 3-1/2" Height, Double Post, 304 Stainless Steel Base For Unistrut Channel	313.92		26.14
05 43 00 00-0030	EA	6" x 6", 1-5/8" Height, Single Post, 316 Stainless Steel Base For Unistrut Channel	462.89		26.14
05 43 00 00-0031	EA	6" x 6", 3-1/2" Height, Double Post, 316 Stainless Steel Base For Unistrut Channel	409.90		26.14
05 43 00 00-0032		Unistrut Closure Strips (05 43)			
05 43 00 00-0033	LF	Steel Raceway Closure Strip For Unistrut Channel	7.38		0.52
05 43 00 00-0034		Lock Nuts With Spring For Unistrut Channel (05 43)			
		Note: Includes hex bolt.			
05 43 00 00-0035		Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0034)			
		Note: Includes hex bolt.			
05 43 00 00-0036	EA	1/4-20, Steel Lock Nut With Spring For Unistrut Channel	7.68		
05 43 00 00-0037	EA	3/8-16, Steel Lock Nut With Spring For Unistrut Channel	8.55		
05 43 00 00-0038	EA	1/2-13, Steel Lock Nut With Spring For Unistrut Channel	9.21		
05 43 00 00-0039	EA	5/8-11, Steel Lock Nut With Spring For Unistrut Channel	12.73		
05 43 00 00-0040		Stainless Steel Lock Nuts With Spring For Unistrut Channel (05 43 00 00-0034)			
		Note: Includes hex bolt.			
05 43 00 00-0041	EA	1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	19.16		
05 43 00 00-0042	EA	3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.51		
05 43 00 00-0043	EA	1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	29.84		
05 43 00 00-0044	EA	5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	52.42		
05 43 00 00-0045		Lock Nuts Without Spring For Unistrut Channel (05 43)			
		Note: Includes hex bolt.			
05 43 00 00-0046		Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0045)			
		Note: Includes hex bolt.			
05 43 00 00-0047	EA	1/4-20, Steel Lock Nut Without Spring For Unistrut Channel	7.71		
05 43 00 00-0048	EA	3/8-16, Steel Lock Nut Without Spring For Unistrut Channel	8.67		
05 43 00 00-0049	EA	1/2-13, Steel Lock Nut Without Spring For Unistrut Channel	9.26		
05 43 00 00-0050	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	13.74		
05 43 00 00-0051		Stainless Steel Lock Nuts Without Spring For Unistrut Channel (05 43 00 00-0045)			
		Note: Includes hex bolt.			
05 43 00 00-0052	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	13.18		
05 43 00 00-0053	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	16.29		
05 43 00 00-0054	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	17.93		
05 43 00 00-0055	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel	51.01		
05 43 00 00-0056		Beam Clamp For Unistrut Channel (05 43)			
05 43 00 00-0057	EA	1-5/8" Channel, P2675 Unistrut Beam Clamp	23.00		7.84
05 43 00 00-0058	EA	1-5/8" Channel, P2676 Unistrut Beam Clamp	29.82		7.84
05 43 00 00-0059	EA	Add For Unistrut Swivel Nut, P2676	3.71		
05 43 00 00-0060		Beam Clamp Clevis Hangers For Unistrut Channel (05 43)			
05 43 00 00-0061	EA	Up To 3/8" Rod, Beam Clamp Clevis Hanger (Unistrut P2674)	25.37		7.84
05 43 00 00-0062	EA	Up To 1/2" Rod, Beam Clamp Clevis Hanger (Unistrut P2677)	30.79		7.84
05 43 00 00-0063	EA	Add For Unistrut Swivel Nut	3.71		
05 43 00 00-0064	EA	6-Hole ElectroGalvanized Steel Shelf Bracket For Unistrut	175.22		10.45
05 43 00 00-0065		Pipe And Rigid Conduit Clamps (05 43)			
05 43 00 00-0066		Pipe And Rigid Conduit Clamps (05 43 00 00-0065)			
		Note: Includes stainless steel (316) hardware.			
05 43 00 00-0067	PR	1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.49		2.07
05 43 00 00-0068	PR	3/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	6.63		2.07
05 43 00 00-0069	PR	1" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	7.65		2.50
05 43 00 00-0070	PR	1-1/4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	8.10		2.72
05 43 00 00-0071	PR	1-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	10.28		3.04

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 43 00 00-0072	PR		2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	10.28	3.04
	05 43 00 00-0073	PR		2-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	15.80	5.10
	05 43 00 00-0074	PR		3" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	16.09	5.10
	05 43 00 00-0075	PR		3-1/2" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware	17.20	5.64
	05 43 00 00-0076	PR		4" Pipe And Rigid Steel Conduit Clamps With Stainless Steel (316) Hardware.....	19.04	6.09
	05 43 00 00-0077			Pipe And Rigid Conduit Clamps (05 43 00 00-0065) Note: Includes nylon hardware.		
	05 43 00 00-0078	PR		1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	10.44	2.07
	05 43 00 00-0079	PR		3/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	10.82	2.07
	05 43 00 00-0080	PR		1" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	11.84	2.50
	05 43 00 00-0081	PR		1-1/4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	12.44	2.72
	05 43 00 00-0082	PR		1-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.07	3.04
	05 43 00 00-0083	PR		2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	17.07	3.04
	05 43 00 00-0084	PR		2-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	24.96	5.10
	05 43 00 00-0085	PR		3" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	25.72	5.10
	05 43 00 00-0086	PR		3-1/2" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	26.99	5.64
	05 43 00 00-0087	PR		4" Pipe And Rigid Steel Conduit Clamps With Nylon Hardware	30.17	6.09
	05 45			Metal Support Assemblies (05 40)		
	05 45 13			Mechanical Metal Supports (05 45) See CSI section 23 05 29 00-0000 for metal supports.		
	05 45 16			Electrical Metal Supports (05 45) See CSI section 26 05 29 00-0000 for metal supports.		
	05 50			Metal Fabrications (05)		
	05 51			Metal Stairs (05 50)		
	05 51 13			Metal Pan Stairs (05 51) Note: Open concrete filled metal pan stair and landing including steel stringer, safety nosing and concrete. Excludes handrail. See CSI section 05 52 13 00-0000 for handrails.		
	05 51 13 00-0001			Open Concrete Filled Metal Pan Stair And Landing (05 51 13) Note: Includes steel stringer, safety nosing and concrete. Excludes handrail.		
	05 51 13 00-0002	RSR		3'-6" Wide Open Concrete Filled Metal Pan Tread Stair.....	1,060.27	30.50
				For Closed Riser, Add	123.05	
	05 51 13 00-0003	RSR		4'-0" Wide Open Concrete Filled Metal Pan Tread Stair.....	1,204.36	35.59
				For Closed Riser, Add	139.64	
	05 51 13 00-0004	RSR		5'-0" Wide Open Concrete Filled Metal Pan Tread Stair.....	1,340.53	41.69
				For Closed Riser, Add	155.14	
	05 51 13 00-0005	SF		Concrete Filled Steel Pan Landing	84.11	5.08
				Note: Conventional shape.		
	05 51 19			Metal Grating Stairs (05 51) Note: Open steel grating tread metal stair and landing including steel stringers, safety nosing and 2 pipe handrail.		
	05 51 19 00-0001			Open Steel Grating Tread Metal Stair And Landing (05 51 19) Note: Includes steel stringers, safety nosing and 2 pipe handrail.		
	05 51 19 00-0002	RSR		3'-6" Wide Open Steel Grating Tread Metal Stair	509.21	40.67
				For Closed Riser, Add	61.72	
				For Galvanized Steel, Add	106.97	
	05 51 19 00-0003	RSR		4'-0" Wide Open Steel Grating Tread Metal Stair	541.78	46.77
				For Closed Riser, Add	65.29	
				For Galvanized Steel, Add	112.06	
	05 51 19 00-0004	RSR		5'-0" Wide Open Steel Grating Tread Metal Stair	598.80	54.90
				For Closed Riser, Add	71.80	
				For Galvanized Steel, Add	122.25	
	05 51 19 00-0005	SF		Steel Grating Landing With Framing And 2 Pipe Handrail.....	93.69	5.08
				Note: Conventional shape.		
				For Galvanized Steel, Add	18.34	
	05 51 33			Metal Ladders (05 51) Note: Includes factory prime.		
	05 51 33 13			Vertical Metal Ladders (05 51 33)		
	05 51 33 13-0001			Vertical Ladders (05 51 33 13) Note: Climbing rungs are 3/4" corrugated steel round rungs on 12" centers. Stand-off brackets are 7"		
	05 51 33 13-0002	VL		20" Wide Vertical Steel Ladder Primed.....	89.50	12.20
				For Galvanized Steel, Add	12.81	
				For Aluminum, Add	25.61	
	05 51 33 13-0003	VL		24" Wide Vertical Steel Ladder Primed.....	102.48	12.20
				For Galvanized Steel, Add	16.05	
				For Aluminum, Add	32.10	
	05 51 33 13-0004	VL		20" Wide Vertical Steel Caged Ladder Primed	213.61	20.34
				For Galvanized Steel, Add	37.20	
				For Aluminum, Add	74.40	
	05 51 33 13-0005	VL		24" Wide Vertical Steel Caged Ladder Primed	239.57	20.34
				For Galvanized Steel, Add	43.69	
				For Aluminum, Add	87.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 51 33 13-0006	Vertical Ladders Options (05 51 33 13)				
05 51 33 13-0007	EA	20" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	359.96	38.13	
		Note: Extends 42" above landing surface. Includes mounting bracket.			
		<i>For Galvanized Steel, Add</i>	70.93		
		<i>For Aluminum, Add</i>	141.85		
05 51 33 13-0008	EA	24" Wide Vertical Steel Ladder Walk-Thru Handrails, Primed	394.24	40.67	
		Note: Extends 42" above landing surface. Includes mounting bracket.			
		<i>For Galvanized Steel, Add</i>	78.23		
		<i>For Aluminum, Add</i>	156.45		
05 51 33 13-0009	EA	Security Cage Entry Gate With Lockable Hasp	546.92	12.71	
05 51 33 13-0010	EA	6' Powder Coated, Security Ladder Guard	1,160.07	76.26	
05 51 33 13-0011	EA	8' Powder Coated, Security Ladder Guard	1,387.83	88.97	
05 51 33 13-0012	EA	Safety Chain Attachment	212.25		

05 51 33 13-0013	Welded Steel Ladder Cages (05 51 33 13)				
		Note: For existing fixed ladders up to 20" wide. Excludes the ladder.			
05 51 33 13-0014	Powder Coated, Welded Steel Ladder Cages (05 51 33 13-0013)				
05 51 33 13-0015	EA	7-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,119.92	152.52	
05 51 33 13-0016	EA	8-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,304.25	157.61	
05 51 33 13-0017	EA	9-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,450.72	162.69	
05 51 33 13-0018	EA	10-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,607.29	167.77	
05 51 33 13-0019	EA	11-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,698.24	172.86	
05 51 33 13-0020	EA	12-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,847.23	177.94	
05 51 33 13-0021	EA	13-1/2' Length, Powder Coated, Welded Steel Ladder Cage	2,978.56	183.03	
05 51 33 13-0022	EA	14-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,150.27	188.11	
05 51 33 13-0023	EA	15-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,316.95	193.19	
05 51 33 13-0024	EA	16-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,453.32	198.28	
05 51 33 13-0025	EA	17-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,619.99	203.36	
05 51 33 13-0026	EA	18-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,781.61	208.44	
05 51 33 13-0027	EA	19-1/2' Length, Powder Coated, Welded Steel Ladder Cage	3,940.70	213.53	
05 51 33 13-0028	EA	20-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,231.05	218.61	
05 51 33 13-0029	EA	21-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,316.94	223.70	
05 51 33 13-0030	EA	22-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,465.94	228.78	
05 51 33 13-0031	EA	23-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,602.32	233.86	
05 51 33 13-0032	EA	24-1/2' Length, Powder Coated, Welded Steel Ladder Cage	4,728.60	238.95	
05 51 33 13-0033	EA	25-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,011.37	244.03	
05 51 33 13-0034	EA	26-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,162.90	249.12	
05 51 33 13-0035	EA	27-1/2' Length, Powder Coated, Welded Steel Ladder Cage	5,304.32	254.20	

05 51 33 13-0036	Welded Stainless Steel Ladder Cages (05 51 33 13-0013)				
05 51 33 13-0037	EA	7-1/2' Length, Welded Stainless Steel Ladder Cage	5,104.63	152.52	
05 51 33 13-0038	EA	8-1/2' Length, Welded Stainless Steel Ladder Cage	5,454.52	157.61	
05 51 33 13-0039	EA	9-1/2' Length, Welded Stainless Steel Ladder Cage	6,038.14	162.69	
05 51 33 13-0040	EA	10-1/2' Length, Welded Stainless Steel Ladder Cage	6,325.40	167.77	
05 51 33 13-0041	EA	11-1/2' Length, Welded Stainless Steel Ladder Cage	6,566.87	172.86	
05 51 33 13-0042	EA	12-1/2' Length, Welded Stainless Steel Ladder Cage	6,887.85	177.94	
05 51 33 13-0043	EA	13-1/2' Length, Welded Stainless Steel Ladder Cage	7,466.64	183.03	
05 51 33 13-0044	EA	14-1/2' Length, Welded Stainless Steel Ladder Cage	7,758.72	188.11	
05 51 33 13-0045	EA	15-1/2' Length, Welded Stainless Steel Ladder Cage	8,060.44	193.19	
05 51 33 13-0046	EA	16-1/2' Length, Welded Stainless Steel Ladder Cage	8,391.06	198.28	
05 51 33 13-0047	EA	17-1/2' Length, Welded Stainless Steel Ladder Cage	8,981.90	203.36	
05 51 33 13-0048	EA	18-1/2' Length, Welded Stainless Steel Ladder Cage	9,276.38	208.44	
05 51 33 13-0049	EA	19-1/2' Length, Welded Stainless Steel Ladder Cage	9,556.41	213.53	
05 51 33 13-0050	EA	20-1/2' Length, Welded Stainless Steel Ladder Cage	10,021.95	218.61	
05 51 33 13-0051	EA	21-1/2' Length, Welded Stainless Steel Ladder Cage	10,545.33	223.70	
05 51 33 13-0052	EA	22-1/2' Length, Welded Stainless Steel Ladder Cage	10,835.00	228.78	
05 51 33 13-0053	EA	23-1/2' Length, Welded Stainless Steel Ladder Cage	11,131.89	233.86	
05 51 33 13-0054	EA	24-1/2' Length, Welded Stainless Steel Ladder Cage	11,409.51	238.95	
05 51 33 13-0055	EA	25-1/2' Length, Welded Stainless Steel Ladder Cage	12,125.63	244.03	
05 51 33 13-0056	EA	26-1/2' Length, Welded Stainless Steel Ladder Cage	12,403.25	249.12	
05 51 33 13-0057	EA	27-1/2' Length, Welded Stainless Steel Ladder Cage	12,688.09	254.20	

05 51 33 16	Inclined Metal Ladders (05 51 33)				
05 51 33 16-0001	Industrial Ship Ladder, Incline Stairs (05 51 33 16)				
		Note: Includes factory prime.			
05 51 33 16-0002	RSR	3' Wide Industrial Steel Ship Ladder With 2 Rails Each Side	357.77	50.84	
		<i>For Aluminum, Add</i>	128.05		

05 51 33 23	Alternating Tread Ladders (05 51 33)				
05 51 33 23-0001	Vertical Ladders With Alternating Tread (05 51 33 23)				
05 51 33 23-0002	EA	4' Vertical Height Aluminum Alternating Tread Ladder	2,612.73	152.52	
		<i>For Stainless Steel, Add</i>	252.52		
		<i>For Primed Steel, Deduct</i>	-210.43		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 51 33 23-0003 EA 5' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	3,003.82 307.69 -240.00	161.67
05 51 33 23-0004 EA 6' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	3,352.16 365.28 -266.94	161.67
05 51 33 23-0005 EA 7' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	3,809.93 422.83 -289.72	203.15
05 51 33 23-0006 EA 8' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	4,196.21 489.30 -314.55	210.35
05 51 33 23-0007 EA 9' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	4,504.00 551.40 -332.74	210.35
05 51 33 23-0008 EA 10' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	4,942.62 624.07 -353.64	234.64
05 51 33 23-0009 EA 11' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	5,287.47 698.32 -371.69	234.64
05 51 33 23-0010 EA 12' Vertical Height Aluminum Alternating Tread Ladder <i>For Stainless Steel, Add</i> <i>For Primed Steel, Deduct</i>	5,555.78 763.78 -381.89	234.64

05 52 Metal Railings (05 50)

05 52 13 Pipe and Tube Railings (05 52)

Note: Includes embedded steel sleeves, grouting, connection bolts (where necessary) and drilling of bolt (where necessary).

05 52 13 00-0001 **Welded Steel Pipe Railing** (05 52 13)
Note: Includes field welds and touch-up of welds.

05 52 13 00-0002 **One Rail, Up To 42" High, Welded Steel Pipe Railings** (05 52 13 00-0001)
Note: Includes factory primed posts and one rail.

05 52 13 00-0003 LF 1" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	35.94	10.17
<i>For Schedule 80 Handrail, Add</i>	7.68	
<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-3.43	
<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-3.90	
<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-5.15	
<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-6.08	
<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	13.43	
<i>For Aluminum, Satin Finish, Add</i>	6.55	
<i>For Aluminum, Clear Anodized Finish, Add</i>	10.14	
<i>For Aluminum, Dark Anodized Finish, Add</i>	11.70	
<i>For Galvanizing, Add</i>	6.24	
<i>For Wrought Iron, Add</i>	3.59	
<i>For Solid Steel Rails, Add</i>	7.19	
<i>For 304 Stainless Steel, Add</i>	49.92	
<i>For 316 Stainless Steel, Add</i>	56.16	
<i>For 2" Wheel Guard, Add</i>	1.48	
<i>For 4" High Kick Plate, Add</i>	1.95	
<i>For 6" High Kick Plate, Add</i>	3.12	
<i>For Curved Rail, Add</i>	15.46	
<i>For Mounting On Stairs, Add</i>	10.78	
<i>For Mounting On Slopes, Add</i>	3.59	
<i>For Post Base Flange With Screws, Add Per Post</i>	19.53	
<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	12.89	
<i>For Nylon Coating, Add</i>	2.34	
05 52 13 00-0004 LF 1-1/4" Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	38.63	10.17
<i>For Schedule 80 Handrail, Add</i>	13.27	
<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.02	
<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-4.57	
<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-6.04	
<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-7.13	
<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	15.04	
<i>For Aluminum, Satin Finish, Add</i>	7.68	
<i>For Aluminum, Clear Anodized Finish, Add</i>	11.89	
<i>For Aluminum, Dark Anodized Finish, Add</i>	13.72	
<i>For Galvanizing, Add</i>	7.32	
<i>For Wrought Iron, Add</i>	3.86	
<i>For Solid Steel Rails, Add</i>	7.73	
<i>For 304 Stainless Steel, Add</i>	58.53	
<i>For 316 Stainless Steel, Add</i>	65.84	
<i>For 2" Wheel Guard, Add</i>	1.74	
<i>For 4" High Kick Plate, Add</i>	2.29	
<i>For 6" High Kick Plate, Add</i>	3.66	
<i>For Curved Rail, Add</i>	17.08	
<i>For Mounting On Stairs, Add</i>	11.59	
<i>For Mounting On Slopes, Add</i>	3.86	
<i>For Post Base Flange With Screws, Add Per Post</i>	19.53	
<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	14.23	
<i>For Nylon Coating, Add</i>	2.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0005	LF	1-1/2"	Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	41.32	10.17
			<i>For Schedule 80 Handrail, Add</i>	13.27	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.62	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.25	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-6.92	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-8.18	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	16.66	
			<i>For Aluminum, Satin Finish, Add</i>	8.81	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	13.64	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	15.74	
			<i>For Galvanizing, Add</i>	8.39	
			<i>For Wrought Iron, Add</i>	4.13	
			<i>For Solid Steel Rails, Add</i>	8.26	
			<i>For 304 Stainless Steel, Add</i>	67.14	
			<i>For 316 Stainless Steel, Add</i>	75.53	
			<i>For 2" Wheel Guard, Add</i>	1.99	
			<i>For 4" High Kick Plate, Add</i>	2.62	
			<i>For 6" High Kick Plate, Add</i>	4.20	
			<i>For Curved Rail, Add</i>	18.69	
			<i>For Mounting On Stairs, Add</i>	12.40	
			<i>For Mounting On Slopes, Add</i>	4.13	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.53	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	15.58	
			<i>For Nylon Coating, Add</i>	3.15	
05 52 13 00-0006	LF	2"	Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing.....	45.98	10.17
			<i>For Schedule 80 Handrail, Add</i>	15.53	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.64	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-6.41	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-8.46	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-10.00	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	19.45	
			<i>For Aluminum, Satin Finish, Add</i>	10.77	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	16.67	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	19.23	
			<i>For Galvanizing, Add</i>	10.26	
			<i>For Wrought Iron, Add</i>	4.60	
			<i>For Solid Steel Rails, Add</i>	9.20	
			<i>For 304 Stainless Steel, Add</i>	82.05	
			<i>For 316 Stainless Steel, Add</i>	92.30	
			<i>For 2" Wheel Guard, Add</i>	2.44	
			<i>For 4" High Kick Plate, Add</i>	3.21	
			<i>For 6" High Kick Plate, Add</i>	5.13	
			<i>For Curved Rail, Add</i>	21.49	
			<i>For Mounting On Stairs, Add</i>	13.79	
			<i>For Mounting On Slopes, Add</i>	4.60	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.53	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	17.91	
			<i>For Nylon Coating, Add</i>	3.85	
05 52 13 00-0007	LF	2-1/2"	Diameter, Schedule 40, One Rail, Up To 42" High, Welded Steel Pipe Railing	51.57	10.17
			<i>For Schedule 80 Handrail, Add</i>	17.82	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.87	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.81	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.31	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.18	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	22.81	
			<i>For Aluminum, Satin Finish, Add</i>	13.12	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	20.30	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	23.42	
			<i>For Galvanizing, Add</i>	12.49	
			<i>For Wrought Iron, Add</i>	5.16	
			<i>For Solid Steel Rails, Add</i>	10.31	
			<i>For 304 Stainless Steel, Add</i>	99.94	
			<i>For 316 Stainless Steel, Add</i>	112.43	
			<i>For 2" Wheel Guard, Add</i>	2.97	
			<i>For 4" High Kick Plate, Add</i>	3.90	
			<i>For 6" High Kick Plate, Add</i>	6.25	
			<i>For Curved Rail, Add</i>	24.84	
			<i>For Mounting On Stairs, Add</i>	15.47	
			<i>For Mounting On Slopes, Add</i>	5.16	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.53	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	20.70	
			<i>For Nylon Coating, Add</i>	4.68	

05 52 13 00-0008 Two Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)

Note: Includes factory primed posts and two rails.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0009 LF 1" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	48.94	10.17
For Schedule 80 Handrail, Add	7.68	
For 11 Gauge A513 Steel Tubing, Deduct	-6.29	
For 12 Gauge A513 Steel Tubing, Deduct	-7.15	
For 14 Gauge A513 Steel Tubing, Deduct	-9.44	
For 16 Gauge A513 Steel Tubing, Deduct	-11.15	
For Additional Off Set Handrail, ADA Attachment, Add	13.43	
For Aluminum, Satin Finish, Add	12.01	
For Aluminum, Clear Anodized Finish, Add	18.59	
For Aluminum, Dark Anodized Finish, Add	21.45	
For Galvanizing, Add	11.44	
For Wrought Iron, Add	4.89	
For Solid Steel Rails, Add	9.79	
For 304 Stainless Steel, Add	91.52	
For 316 Stainless Steel, Add	102.96	
For 2" Wheel Guard, Add	2.72	
For 4" High Kick Plate, Add	3.58	
For 6" High Kick Plate, Add	5.72	
For Curved Rail, Add	23.26	
For Mounting On Stairs, Add	14.68	
For Mounting On Slopes, Add	4.89	
For Post Base Flange With Screws, Add Per Post	19.53	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
For Custom Design Or Shapes (Square Tops, etc), Add	19.39	
For Nylon Coating, Add	4.29	
05 52 13 00-0010 LF 1-1/4" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	53.87	10.17
For Schedule 80 Handrail, Add	13.27	
For 11 Gauge A513 Steel Tubing, Deduct	-7.38	
For 12 Gauge A513 Steel Tubing, Deduct	-8.38	
For 14 Gauge A513 Steel Tubing, Deduct	-11.06	
For 16 Gauge A513 Steel Tubing, Deduct	-13.08	
For Additional Off Set Handrail, ADA Attachment, Add	15.04	
For Aluminum, Satin Finish, Add	14.08	
For Aluminum, Clear Anodized Finish, Add	21.79	
For Aluminum, Dark Anodized Finish, Add	25.15	
For Galvanizing, Add	13.41	
For Wrought Iron, Add	5.39	
For Solid Steel Rails, Add	10.77	
For 304 Stainless Steel, Add	107.30	
For 316 Stainless Steel, Add	120.71	
For 2" Wheel Guard, Add	3.19	
For 4" High Kick Plate, Add	4.19	
For 6" High Kick Plate, Add	6.71	
For Curved Rail, Add	26.22	
For Mounting On Stairs, Add	16.16	
For Mounting On Slopes, Add	5.39	
For Post Base Flange With Screws, Add Per Post	19.53	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
For Custom Design Or Shapes (Square Tops, etc), Add	21.85	
For Nylon Coating, Add	5.03	
05 52 13 00-0011 LF 1-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	58.80	10.17
For Schedule 80 Handrail, Add	13.27	
For 11 Gauge A513 Steel Tubing, Deduct	-8.46	
For 12 Gauge A513 Steel Tubing, Deduct	-9.62	
For 14 Gauge A513 Steel Tubing, Deduct	-12.69	
For 16 Gauge A513 Steel Tubing, Deduct	-15.00	
For Additional Off Set Handrail, ADA Attachment, Add	16.66	
For Aluminum, Satin Finish, Add	16.15	
For Aluminum, Clear Anodized Finish, Add	25.00	
For Aluminum, Dark Anodized Finish, Add	28.85	
For Galvanizing, Add	15.38	
For Wrought Iron, Add	5.88	
For Solid Steel Rails, Add	11.76	
For 304 Stainless Steel, Add	123.07	
For 316 Stainless Steel, Add	138.46	
For 2" Wheel Guard, Add	3.65	
For 4" High Kick Plate, Add	4.81	
For 6" High Kick Plate, Add	7.69	
For Curved Rail, Add	29.18	
For Mounting On Stairs, Add	17.64	
For Mounting On Slopes, Add	5.88	
For Post Base Flange With Screws, Add Per Post	19.53	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	29.55	
For Custom Design Or Shapes (Square Tops, etc), Add	24.32	
For Nylon Coating, Add	5.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0012	LF		2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing.....	67.34	10.17
			<i>For Schedule 80 Handrail, Add</i>	15.53	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-10.34	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-11.75	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-15.51	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-18.33	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	19.45	
			<i>For Aluminum, Satin Finish, Add</i>	19.74	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	30.55	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	35.25	
			<i>For Galvanizing, Add</i>	18.80	
			<i>For Wrought Iron, Add</i>	6.73	
			<i>For Solid Steel Rails, Add</i>	13.47	
			<i>For 304 Stainless Steel, Add</i>	150.40	
			<i>For 316 Stainless Steel, Add</i>	169.20	
			<i>For 2" Wheel Guard, Add</i>	4.47	
			<i>For 4" High Kick Plate, Add</i>	5.88	
			<i>For 6" High Kick Plate, Add</i>	9.40	
			<i>For Curved Rail, Add</i>	34.30	
			<i>For Mounting On Stairs, Add</i>	20.20	
			<i>For Mounting On Slopes, Add</i>	6.73	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.53	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	28.59	
			<i>For Nylon Coating, Add</i>	7.05	
05 52 13 00-0013	LF		2-1/2" Diameter, Schedule 40, Two Rail, Up To 42" High, Welded Steel Pipe Railing	77.58	10.17
			<i>For Schedule 80 Handrail, Add</i>	17.82	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-12.59	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-14.31	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-18.89	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-22.32	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	22.81	
			<i>For Aluminum, Satin Finish, Add</i>	24.04	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	37.21	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	42.93	
			<i>For Galvanizing, Add</i>	22.90	
			<i>For Wrought Iron, Add</i>	7.76	
			<i>For Solid Steel Rails, Add</i>	15.52	
			<i>For 304 Stainless Steel, Add</i>	183.17	
			<i>For 316 Stainless Steel, Add</i>	206.06	
			<i>For 2" Wheel Guard, Add</i>	5.44	
			<i>For 4" High Kick Plate, Add</i>	7.16	
			<i>For 6" High Kick Plate, Add</i>	11.45	
			<i>For Curved Rail, Add</i>	40.45	
			<i>For Mounting On Stairs, Add</i>	23.27	
			<i>For Mounting On Slopes, Add</i>	7.76	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.53	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	29.55	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	33.71	
			<i>For Nylon Coating, Add</i>	8.59	
05 52 13 00-0014			Three Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)		
			Note: Includes factory primed posts and three rails.		
05 52 13 00-0015	LF		1" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing	74.57	12.20
			<i>For Schedule 80 Handrail, Add</i>	10.76	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-11.04	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-12.54	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-16.56	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-19.57	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	14.24	
			<i>For Aluminum, Satin Finish, Add</i>	21.07	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	32.61	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	37.63	
			<i>For Galvanizing, Add</i>	20.07	
			<i>For Wrought Iron, Add</i>	7.46	
			<i>For Solid Steel Rails, Add</i>	14.91	
			<i>For 304 Stainless Steel, Add</i>	160.54	
			<i>For 316 Stainless Steel, Add</i>	180.61	
			<i>For 2" Wheel Guard, Add</i>	4.77	
			<i>For 4" High Kick Plate, Add</i>	6.27	
			<i>For 6" High Kick Plate, Add</i>	10.03	
			<i>For Curved Rail, Add</i>	37.42	
			<i>For Mounting On Stairs, Add</i>	22.37	
			<i>For Mounting On Slopes, Add</i>	7.46	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.94	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	30.16	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	31.19	
			<i>For Nylon Coating, Add</i>	7.53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0016 LF 1-1/4" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	83.20	12.20
For Schedule 80 Handrail, Add	18.22	
For 11 Gauge A513 Steel Tubing, Deduct	-12.94	
For 12 Gauge A513 Steel Tubing, Deduct	-14.70	
For 14 Gauge A513 Steel Tubing, Deduct	-19.40	
For 16 Gauge A513 Steel Tubing, Deduct	-22.93	
For Additional Off Set Handrail, ADA Attachment, Add	15.85	
For Aluminum, Satin Finish, Add	24.70	
For Aluminum, Clear Anodized Finish, Add	38.22	
For Aluminum, Dark Anodized Finish, Add	44.10	
For Galvanizing, Add	23.52	
For Wrought Iron, Add	8.32	
For Solid Steel Rails, Add	16.64	
For 304 Stainless Steel, Add	188.16	
For 316 Stainless Steel, Add	211.68	
For 2" Wheel Guard, Add	5.59	
For 4" High Kick Plate, Add	7.35	
For 6" High Kick Plate, Add	11.76	
For Curved Rail, Add	42.60	
For Mounting On Stairs, Add	24.96	
For Mounting On Slopes, Add	8.32	
For Post Base Flange With Screws, Add Per Post	19.94	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
For Custom Design Or Shapes (Square Tops, etc), Add	35.50	
For Nylon Coating, Add	8.82	
05 52 13 00-0017 LF 1-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	91.84	12.20
For Schedule 80 Handrail, Add	18.22	
For 11 Gauge A513 Steel Tubing, Deduct	-14.84	
For 12 Gauge A513 Steel Tubing, Deduct	-16.86	
For 14 Gauge A513 Steel Tubing, Deduct	-22.26	
For 16 Gauge A513 Steel Tubing, Deduct	-26.30	
For Additional Off Set Handrail, ADA Attachment, Add	17.47	
For Aluminum, Satin Finish, Add	28.32	
For Aluminum, Clear Anodized Finish, Add	43.84	
For Aluminum, Dark Anodized Finish, Add	50.58	
For Galvanizing, Add	26.98	
For Wrought Iron, Add	9.18	
For Solid Steel Rails, Add	18.37	
For 304 Stainless Steel, Add	215.81	
For 316 Stainless Steel, Add	242.78	
For 2" Wheel Guard, Add	6.41	
For 4" High Kick Plate, Add	8.43	
For 6" High Kick Plate, Add	13.49	
For Curved Rail, Add	47.78	
For Mounting On Stairs, Add	27.55	
For Mounting On Slopes, Add	9.18	
For Post Base Flange With Screws, Add Per Post	19.94	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
For Custom Design Or Shapes (Square Tops, etc), Add	39.82	
For Nylon Coating, Add	10.12	
05 52 13 00-0018 LF 2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	106.85	12.20
For Schedule 80 Handrail, Add	21.23	
For 11 Gauge A513 Steel Tubing, Deduct	-18.14	
For 12 Gauge A513 Steel Tubing, Deduct	-20.61	
For 14 Gauge A513 Steel Tubing, Deduct	-27.21	
For 16 Gauge A513 Steel Tubing, Deduct	-32.16	
For Additional Off Set Handrail, ADA Attachment, Add	20.26	
For Aluminum, Satin Finish, Add	34.63	
For Aluminum, Clear Anodized Finish, Add	53.59	
For Aluminum, Dark Anodized Finish, Add	61.84	
For Galvanizing, Add	32.98	
For Wrought Iron, Add	10.69	
For Solid Steel Rails, Add	21.37	
For 304 Stainless Steel, Add	263.84	
For 316 Stainless Steel, Add	296.82	
For 2" Wheel Guard, Add	7.83	
For 4" High Kick Plate, Add	10.31	
For 6" High Kick Plate, Add	16.49	
For Curved Rail, Add	56.79	
For Mounting On Stairs, Add	32.06	
For Mounting On Slopes, Add	10.69	
For Post Base Flange With Screws, Add Per Post	19.94	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.16	
For Custom Design Or Shapes (Square Tops, etc), Add	47.33	
For Nylon Coating, Add	12.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0019	LF		2-1/2" Diameter, Schedule 40, Three Rail, Up To 42" High, Welded Steel Pipe Railing.....	124.73	12.20
			<i>For Schedule 80 Handrail, Add</i>	24.28	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-22.07	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-25.08	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-33.11	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-39.13	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	23.62	
			<i>For Aluminum, Satin Finish, Add</i>	42.14	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	65.21	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	75.25	
			<i>For Galvanizing, Add</i>	40.13	
			<i>For Wrought Iron, Add</i>	12.47	
			<i>For Solid Steel Rails, Add</i>	24.95	
			<i>For 304 Stainless Steel, Add</i>	321.06	
			<i>For 316 Stainless Steel, Add</i>	361.19	
			<i>For 2" Wheel Guard, Add</i>	9.53	
			<i>For 4" High Kick Plate, Add</i>	12.54	
			<i>For 6" High Kick Plate, Add</i>	20.07	
			<i>For Curved Rail, Add</i>	67.52	
			<i>For Mounting On Stairs, Add</i>	37.42	
			<i>For Mounting On Slopes, Add</i>	12.47	
			<i>For Post Base Flange With Screws, Add Per Post</i>	19.94	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	30.16	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	56.27	
			<i>For Nylon Coating, Add</i>	15.05	
05 52 13 00-0020			Four Rail, Up To 42" High, Welded Steel Pipe Railings (05 52 13 00-0001)		
			Note: Includes factory primed posts and four rails.		
05 52 13 00-0021	LF		1" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	90.04	14.23
			<i>For Schedule 80 Handrail, Add</i>	14.10	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-13.55	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-15.39	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-20.32	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-24.01	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	15.05	
			<i>For Aluminum, Satin Finish, Add</i>	25.86	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	40.02	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	46.18	
			<i>For Galvanizing, Add</i>	24.63	
			<i>For Wrought Iron, Add</i>	9.00	
			<i>For Solid Steel Rails, Add</i>	18.01	
			<i>For 304 Stainless Steel, Add</i>	197.02	
			<i>For 316 Stainless Steel, Add</i>	221.65	
			<i>For 2" Wheel Guard, Add</i>	5.85	
			<i>For 4" High Kick Plate, Add</i>	7.70	
			<i>For 6" High Kick Plate, Add</i>	12.31	
			<i>For Curved Rail, Add</i>	45.48	
			<i>For Mounting On Stairs, Add</i>	27.01	
			<i>For Mounting On Slopes, Add</i>	9.00	
			<i>For Post Base Flange With Screws, Add Per Post</i>	20.35	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	30.77	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	37.90	
			<i>For Nylon Coating, Add</i>	9.24	
05 52 13 00-0022	LF		1-1/4" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	97.71	14.23
			<i>For Schedule 80 Handrail, Add</i>	23.42	
			<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-15.23	
			<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-17.31	
			<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-22.85	
			<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-27.00	
			<i>For Additional Off Set Handrail, ADA Attachment, Add</i>	16.66	
			<i>For Aluminum, Satin Finish, Add</i>	29.08	
			<i>For Aluminum, Clear Anodized Finish, Add</i>	45.01	
			<i>For Aluminum, Dark Anodized Finish, Add</i>	51.93	
			<i>For Galvanizing, Add</i>	27.70	
			<i>For Wrought Iron, Add</i>	9.77	
			<i>For Solid Steel Rails, Add</i>	19.54	
			<i>For 304 Stainless Steel, Add</i>	221.57	
			<i>For 316 Stainless Steel, Add</i>	249.26	
			<i>For 2" Wheel Guard, Add</i>	6.58	
			<i>For 4" High Kick Plate, Add</i>	8.66	
			<i>For 6" High Kick Plate, Add</i>	13.85	
			<i>For Curved Rail, Add</i>	50.09	
			<i>For Mounting On Stairs, Add</i>	29.31	
			<i>For Mounting On Slopes, Add</i>	9.77	
			<i>For Post Base Flange With Screws, Add Per Post</i>	20.35	
			<i>For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post</i>	30.77	
			<i>For Custom Design Or Shapes (Square Tops, etc), Add</i>	41.74	
			<i>For Nylon Coating, Add</i>	10.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 52 13 00-0023 LF 1-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	105.38	14.23
For Schedule 80 Handrail, Add	23.42	
For 11 Gauge A513 Steel Tubing, Deduct	-16.92	
For 12 Gauge A513 Steel Tubing, Deduct	-19.23	
For 14 Gauge A513 Steel Tubing, Deduct	-25.38	
For 16 Gauge A513 Steel Tubing, Deduct	-29.99	
For Additional Off Set Handrail, ADA Attachment, Add	18.28	
For Aluminum, Satin Finish, Add	32.30	
For Aluminum, Clear Anodized Finish, Add	49.99	
For Aluminum, Dark Anodized Finish, Add	57.68	
For Galvanizing, Add	30.76	
For Wrought Iron, Add	10.54	
For Solid Steel Rails, Add	21.08	
For 304 Stainless Steel, Add	246.11	
For 316 Stainless Steel, Add	276.88	
For 2" Wheel Guard, Add	7.31	
For 4" High Kick Plate, Add	9.61	
For 6" High Kick Plate, Add	15.38	
For Curved Rail, Add	54.69	
For Mounting On Stairs, Add	31.61	
For Mounting On Slopes, Add	10.54	
For Post Base Flange With Screws, Add Per Post	20.35	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.77	
For Custom Design Or Shapes (Square Tops, etc), Add	45.57	
For Nylon Coating, Add	11.54	
05 52 13 00-0024 LF 2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	122.46	14.23
For Schedule 80 Handrail, Add	27.19	
For 11 Gauge A513 Steel Tubing, Deduct	-20.68	
For 12 Gauge A513 Steel Tubing, Deduct	-23.50	
For 14 Gauge A513 Steel Tubing, Deduct	-31.02	
For 16 Gauge A513 Steel Tubing, Deduct	-36.66	
For Additional Off Set Handrail, ADA Attachment, Add	21.07	
For Aluminum, Satin Finish, Add	39.48	
For Aluminum, Clear Anodized Finish, Add	61.09	
For Aluminum, Dark Anodized Finish, Add	70.49	
For Galvanizing, Add	37.60	
For Wrought Iron, Add	12.25	
For Solid Steel Rails, Add	24.49	
For 304 Stainless Steel, Add	300.77	
For 316 Stainless Steel, Add	338.36	
For 2" Wheel Guard, Add	8.93	
For 4" High Kick Plate, Add	11.75	
For 6" High Kick Plate, Add	18.80	
For Curved Rail, Add	64.94	
For Mounting On Stairs, Add	36.74	
For Mounting On Slopes, Add	12.25	
For Post Base Flange With Screws, Add Per Post	20.35	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.77	
For Custom Design Or Shapes (Square Tops, etc), Add	54.11	
For Nylon Coating, Add	14.10	
05 52 13 00-0025 LF 2-1/2" Diameter, Schedule 40, Four Rail, Up To 42" High, Welded Steel Pipe Railing.....	142.48	14.23
For Schedule 80 Handrail, Add	31.00	
For 11 Gauge A513 Steel Tubing, Deduct	-25.08	
For 12 Gauge A513 Steel Tubing, Deduct	-28.50	
For 14 Gauge A513 Steel Tubing, Deduct	-37.62	
For 16 Gauge A513 Steel Tubing, Deduct	-44.46	
For Additional Off Set Handrail, ADA Attachment, Add	24.43	
For Aluminum, Satin Finish, Add	47.88	
For Aluminum, Clear Anodized Finish, Add	74.11	
For Aluminum, Dark Anodized Finish, Add	85.51	
For Galvanizing, Add	45.60	
For Wrought Iron, Add	14.25	
For Solid Steel Rails, Add	28.50	
For 304 Stainless Steel, Add	364.83	
For 316 Stainless Steel, Add	410.44	
For 2" Wheel Guard, Add	10.83	
For 4" High Kick Plate, Add	14.25	
For 6" High Kick Plate, Add	22.80	
For Curved Rail, Add	76.95	
For Mounting On Stairs, Add	42.74	
For Mounting On Slopes, Add	14.25	
For Post Base Flange With Screws, Add Per Post	20.35	
For Embedded Stainless Steel Post Sleeves (Excludes Core Drilling), Add Per Post	30.77	
For Custom Design Or Shapes (Square Tops, etc), Add	64.12	
For Nylon Coating, Add	17.10	
05 52 13 00-0026 Railing Infill Panels <small>(05 52 13)</small>		
Note: Includes field welds and touch-up of welds.		
05 52 13 00-0027 Wire Mesh Or Welded Wire Mesh, Railing Infill Panels <small>(05 52 13 00-0026)</small>		
Note: Square weave or square welded wire mesh.		
05 52 13 00-0028 SF Powder Coated Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	14.63	
05 52 13 00-0029 SF Galvanized Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	15.54	
05 52 13 00-0030 SF Aluminum, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	16.34	
05 52 13 00-0031 SF Stainless Steel, Wire Mesh Or Welded Wire Mesh, Railing Infill Panel	27.62	

05 Metals**05 50 Metal Fabrications****05 52 Metal Railings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
05 52 13 00-0032		Perforated Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>			
05 52 13 00-0033	SF	Powder Coated Steel, Perforated Metal, Railing Infill Panel	14.35		
05 52 13 00-0034	SF	Galvanized Steel, Perforated Metal, Railing Infill Panel	14.84		
05 52 13 00-0035	SF	Aluminum, Perforated Metal, Railing Infill Panel	15.88		
05 52 13 00-0036	SF	Stainless Steel, Perforated Metal, Railing Infill Panel	31.87		
05 52 13 00-0037		Expanded Metal, Railing Infill Panels <small>(05 52 13 00-0026)</small>			
05 52 13 00-0038	SF	Powder Coated Steel, Expanded Metal, Railing Infill Panel	6.47		
05 52 13 00-0039	SF	Galvanized Steel, Expanded Metal, Railing Infill Panel	13.23		
05 52 13 00-0040	SF	Aluminum, Expanded Metal, Railing Infill Panel	17.37		
05 52 13 00-0041	SF	Stainless Steel, Expanded Metal, Railing Infill Panel	25.90		
05 52 13 00-0042		Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13)</small>			
Note: Includes factory primed, fasteners and field touch-up of welds.					
05 52 13 00-0043	LF	1" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	37.14		6.10
		<i>For Schedule 80 Handrail, Add</i>	3.50		
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.82		
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.47		
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.22		
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-8.54		
		<i>For Stainless Steel, Add</i>	43.78		
		<i>For Aluminum, Satin Finish, Add</i>	9.19		
		<i>For Curved Rail, Add</i>	11.14		
		<i>For Aluminum, Clear Anodized Finish, Add</i>	14.23		
		<i>For Aluminum, Dark Anodized Finish, Add</i>	16.42		
		<i>For Galvanized Finish, Add</i>	6.57		
05 52 13 00-0044	LF	1-1/4" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	37.85		6.10
		<i>For Schedule 80 Handrail, Add</i>	4.41		
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-4.97		
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.65		
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.46		
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-8.81		
		<i>For Stainless Steel, Add</i>	45.20		
		<i>For Aluminum, Satin Finish, Add</i>	9.49		
		<i>For Curved Rail, Add</i>	11.36		
		<i>For Aluminum, Clear Anodized Finish, Add</i>	14.69		
		<i>For Aluminum, Dark Anodized Finish, Add</i>	16.95		
		<i>For Galvanized Finish, Add</i>	6.78		
05 52 13 00-0045	LF	1-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	38.56		6.10
		<i>For Schedule 80 Handrail, Add</i>	16.85		
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-5.13		
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-5.83		
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-7.69		
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-9.09		
		<i>For Stainless Steel, Add</i>	46.62		
		<i>For Aluminum, Satin Finish, Add</i>	9.79		
		<i>For Curved Rail, Add</i>	11.57		
		<i>For Aluminum, Clear Anodized Finish, Add</i>	15.15		
		<i>For Aluminum, Dark Anodized Finish, Add</i>	17.48		
		<i>For Galvanized Finish, Add</i>	6.99		
05 52 13 00-0046	LF	2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	46.68		6.10
		<i>For Schedule 80 Handrail, Add</i>	6.11		
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.91		
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.86		
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.37		
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.26		
		<i>For Stainless Steel, Add</i>	62.86		
		<i>For Aluminum, Satin Finish, Add</i>	13.20		
		<i>For Curved Rail, Add</i>	14.00		
		<i>For Aluminum, Clear Anodized Finish, Add</i>	20.43		
		<i>For Aluminum, Dark Anodized Finish, Add</i>	23.57		
		<i>For Galvanized Finish, Add</i>	9.43		
05 52 13 00-0047	LF	2-1/2" Diameter, Schedule 40, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing	53.39		6.10
		<i>For Schedule 80 Handrail, Add</i>	6.88		
		<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-8.39		
		<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-9.54		
		<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-12.59		
		<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-14.87		
		<i>For Stainless Steel, Add</i>	76.28		
		<i>For Aluminum, Satin Finish, Add</i>	16.02		
		<i>For Curved Rail, Add</i>	16.02		
		<i>For Aluminum, Clear Anodized Finish, Add</i>	24.79		
		<i>For Aluminum, Dark Anodized Finish, Add</i>	28.61		
		<i>For Galvanized Finish, Add</i>	11.44		
05 52 13 00-0048		Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railings <small>(05 52 13)</small>			
Note: Includes factory primed, fasteners and field touch-up of welds.					

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 52 13 00-0049	LF		1" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....45.44		6.41
				<i>For Schedule 80 Handrail, Add</i>	3.50	
				<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.64	
				<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.55	
				<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-9.96	
				<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-11.77	
				<i>For Stainless Steel, Add</i>	60.38	
				<i>For Aluminum, Satin Finish, Add</i>	12.68	
				<i>For Curved Rail, Add</i>	13.63	
				<i>For Aluminum, Clear Anodized Finish, Add</i>	19.62	
				<i>For Aluminum, Dark Anodized Finish, Add</i>	22.64	
				<i>For Galvanized Finish, Add</i>	9.06	
	05 52 13 00-0050	LF		1-1/4" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....46.43		6.41
				<i>For Schedule 80 Handrail, Add</i>	4.41	
				<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-6.86	
				<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.80	
				<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.29	
				<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.16	
				<i>For Stainless Steel, Add</i>	62.36	
				<i>For Aluminum, Satin Finish, Add</i>	13.10	
				<i>For Curved Rail, Add</i>	13.93	
				<i>For Aluminum, Clear Anodized Finish, Add</i>	20.27	
				<i>For Aluminum, Dark Anodized Finish, Add</i>	23.39	
				<i>For Galvanized Finish, Add</i>	9.35	
	05 52 13 00-0051	LF		1-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....47.17		6.41
				<i>For Schedule 80 Handrail, Add</i>	16.85	
				<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-7.02	
				<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-7.98	
				<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-10.53	
				<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-12.45	
				<i>For Stainless Steel, Add</i>	63.84	
				<i>For Aluminum, Satin Finish, Add</i>	13.41	
				<i>For Curved Rail, Add</i>	14.15	
				<i>For Aluminum, Clear Anodized Finish, Add</i>	20.75	
				<i>For Aluminum, Dark Anodized Finish, Add</i>	23.94	
				<i>For Galvanized Finish, Add</i>	9.58	
	05 52 13 00-0052	LF		2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....58.51		6.41
				<i>For Schedule 80 Handrail, Add</i>	6.11	
				<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-9.52	
				<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-10.82	
				<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-14.28	
				<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-16.87	
				<i>For Stainless Steel, Add</i>	86.52	
				<i>For Aluminum, Satin Finish, Add</i>	18.17	
				<i>For Curved Rail, Add</i>	17.55	
				<i>For Aluminum, Clear Anodized Finish, Add</i>	28.12	
				<i>For Aluminum, Dark Anodized Finish, Add</i>	32.45	
				<i>For Galvanized Finish, Add</i>	12.98	
	05 52 13 00-0053	LF		2-1/2" Diameter, Custom Shapes, Wall Bracket Mounted, Up To 42" High, Welded Steel Pipe Railing.....65.92		6.41
				<i>For Schedule 80 Handrail, Add</i>	6.88	
				<i>For 11 Gauge A513 Steel Tubing, Deduct</i>	-11.15	
				<i>For 12 Gauge A513 Steel Tubing, Deduct</i>	-12.67	
				<i>For 14 Gauge A513 Steel Tubing, Deduct</i>	-16.72	
				<i>For 16 Gauge A513 Steel Tubing, Deduct</i>	-19.76	
				<i>For Stainless Steel, Add</i>	101.34	
				<i>For Aluminum, Satin Finish, Add</i>	21.28	
				<i>For Curved Rail, Add</i>	19.78	
				<i>For Aluminum, Clear Anodized Finish, Add</i>	32.94	
				<i>For Aluminum, Dark Anodized Finish, Add</i>	38.00	
				<i>For Galvanized Finish, Add</i>	15.20	
	05 52 13 00-0054			Railing Accessories (05 52 13)		
	05 52 13 00-0055	EA		Anti-Skateboard Devise Attached To Stair Railing.....46.98		21.49
	05 52 13 00-0056			Remove And Reinstall Pipe Railing (05 52 13)		
	05 52 13 00-0057	LF		Removal And Reinstallation Of Wall Bracket Mounted Pipe Railing.....22.88		
	05 52 13 00-0058	LF		Removal And Reinstallation Of Floor Mounted Pipe Railing.....30.79		
	05 52 13 00-0059	EA		Install New Galvanized Steel Pipe Railing Bracket.....62.67		
				<i>For Stainless Steel, Add</i>	64.34	

05 53 Metal Gratings (05 50)

05 53 13 Bar Gratings (05 53)

05 53 13 00-0001 **Welded Grating** (05 53 13)

Note: Sizes are for height and width of bearing bars. Welded grating is open grid grating which has bearing bars and cross bars locked in place by resistance welding, or conventional hand welding. Resistance welded grating is produced on precise automated production equipment by combining hydraulic pressure with a powerful electric current to fuse - electroforge - the cross bar and bearing bar into a single rigid panel.

05 53 13 00-0002 **Steel, Welded Grating** (05 53 13 00-0001)

Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0003	SF	3/4" x 1/8" Steel, Welded Grating	.....	13.53	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		1.92	
		For 304 Stainless Steel, Add		36.24	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		3.30	
		For Crossbars At 2" On-Center, Add		1.22	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-1.78	
05 53 13 00-0004	SF	3/4" x 3/16" Steel, Welded Grating	.....	18.21	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		2.71	
		For 304 Stainless Steel, Add		51.26	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		4.66	
		For Crossbars At 2" On-Center, Add		1.72	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-1.90	
05 53 13 00-0005	SF	1" x 1/8" Steel, Welded Grating	.....	16.54	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		2.43	
		For 304 Stainless Steel, Add		45.90	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		4.18	
		For Crossbars At 2" On-Center, Add		1.54	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-1.86	
05 53 13 00-0006	SF	1" x 3/16" Steel, Welded Grating	.....	22.88	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		3.51	
		For 304 Stainless Steel, Add		66.25	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		6.03	
		For Crossbars At 2" On-Center, Add		2.23	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-2.02	
05 53 13 00-0007	SF	1" x 1/4" Steel, Welded Grating	.....	29.23	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		4.59	
		For 304 Stainless Steel, Add		86.64	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		7.88	
		For Crossbars At 2" On-Center, Add		2.91	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-2.18	
05 53 13 00-0008	SF	1-1/4" x 1/8" Steel, Welded Grating	.....	19.58	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		2.95	
		For 304 Stainless Steel, Add		55.66	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		5.06	
		For Crossbars At 2" On-Center, Add		1.87	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-1.93	
05 53 13 00-0009	SF	1-1/4" x 3/16" Steel, Welded Grating	.....	27.29	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		4.26	
		For 304 Stainless Steel, Add		80.41	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		7.31	
		For Crossbars At 2" On-Center, Add		2.71	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-2.13	
05 53 13 00-0010	SF	1-1/2" x 1/8" Steel, Welded Grating	.....	22.62	1.12
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		3.46	
		For 304 Stainless Steel, Add		65.42	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		5.95	
		For Crossbars At 2" On-Center, Add		2.20	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-2.01	
05 53 13 00-0011	SF	1-1/2" x 3/16" Steel, Welded Grating	.....	32.43	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		5.05	
		For 304 Stainless Steel, Add		95.30	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		8.67	
		For Crossbars At 2" On-Center, Add		3.21	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-2.58	
05 53 13 00-0012	SF	1-1/2" x 1/4" Steel, Welded Grating	.....	42.09	1.37
		For One Coat Of Shop Applied Paint (Red Or Black), Add		0.22	
		For Galvanized Steel, Add		6.69	
		For 304 Stainless Steel, Add		126.31	
		Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center			
		For Bearing Bars At 15/16" On-Center, Add		11.49	
		For Crossbars At 2" On-Center, Add		4.25	
		For Serrated Wear Surface, Add		0.16	
		For Set In Place Without Bolting Or Tack Welding, Deduct		-2.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0013 SF 1-3/4" x 3/16" Steel, Welded Grating	37.14	1.37
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	5.85	
For 304 Stainless Steel, Add	110.42	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	10.04	
For Crossbars At 2" On-Center, Add	3.72	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.70	
05 53 13 00-0014 SF 2" x 3/16" Steel, Welded Grating	41.55	1.37
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	6.60	
For 304 Stainless Steel, Add	124.58	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	11.33	
For Crossbars At 2" On-Center, Add	4.19	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.81	
05 53 13 00-0015 SF 2-1/4" x 3/16" Steel, Welded Grating	46.23	1.37
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	7.39	
For 304 Stainless Steel, Add	139.60	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	12.70	
For Crossbars At 2" On-Center, Add	4.70	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.92	
05 53 13 00-0016 SF 2-1/2" x 3/16" Steel, Welded Grating	50.64	1.37
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	8.14	
For 304 Stainless Steel, Add	153.76	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	13.99	
For Crossbars At 2" On-Center, Add	5.17	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.03	
05 53 13 00-0017 Pressure Locked Grating <small>(05 53 13)</small>		
Note: Sizes are for height and width of bearing bars. Pressure locked grating is an open grid grating which is an assembly of tight-fitting, slotted bearing bars and cross bars, interlocked together. The permanent locking of the bars is accomplished by slotting the bearing bars with a wider 'dovetail' shape at the bottom of the slot. The bearing bar slot is usually 1/2 the depth of the cross bar. The cross bars are slotted to a depth slightly less than half its depth. When the bars are pressed together under hydraulic pressure, the cross bar material is forced into the 'dovetail' shape of the bearing bar notch, forming a strong, rigid unit.		
05 53 13 00-0018 Steel, Pressure Locked Grating <small>(05 53 13 00-0017)</small>		
Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.		
05 53 13 00-0019 SF 3/4" x 1/8" Steel, Pressure Locked Grating.....	25.79	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	3.86	
For 304 Stainless Steel, Add	44.06	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	6.88	
For Crossbars At 2" On-Center, Add	2.54	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.09	
05 53 13 00-0020 SF 3/4" x 3/16" Steel, Pressure Locked Grating.....	31.80	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.85	
For 304 Stainless Steel, Add	55.31	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	8.63	
For Crossbars At 2" On-Center, Add	3.19	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.24	
05 53 13 00-0021 SF 1" x 1/8" Steel, Pressure Locked Grating.....	28.36	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.28	
For 304 Stainless Steel, Add	48.87	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 15/16" On-Center, Add	7.63	
For Crossbars At 2" On-Center, Add	2.82	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.15	
05 53 13 00-0022 SF 1" x 3/16" Steel, Pressure Locked Grating.....	38.68	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	5.98	
For 304 Stainless Steel, Add	68.18	
Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center		
For Bearing Bars At 7/16" On-Center, Add	52.84	
For Bearing Bars At 15/16" On-Center, Add	10.64	
For Crossbars At 2" On-Center, Add	3.94	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-2.41	

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0023	SF	1-1/4" x 1/8" Steel, Pressure Locked Grating.....	31.80	1.12	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	4.85		
		<i>For 304 Stainless Steel, Add</i>	55.31		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	8.63		
		<i>For Crossbars At 2" On-Center, Add</i>	3.19		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.24		
05 53 13 00-0024	SF	1-1/4" x 3/16" Steel, Pressure Locked Grating.....	43.46	1.12	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	6.76		
		<i>For 304 Stainless Steel, Add</i>	77.12		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	12.04		
		<i>For Crossbars At 2" On-Center, Add</i>	4.45		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.53		
05 53 13 00-0025	SF	1-1/2" x 1/8" Steel, Pressure Locked Grating.....	35.41	1.12	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	5.44		
		<i>For 304 Stainless Steel, Add</i>	62.06		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	9.69		
		<i>For Crossbars At 2" On-Center, Add</i>	3.58		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.33		
05 53 13 00-0026	SF	1-1/2" x 3/16" Steel, Pressure Locked Grating.....	48.97	1.37	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	7.58		
		<i>For 304 Stainless Steel, Add</i>	86.50		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 7/16" On-Center, Add</i>	67.03		
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	13.50		
		<i>For Crossbars At 2" On-Center, Add</i>	4.99		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.99		
05 53 13 00-0027	SF	1-3/4" x 3/16" Steel, Pressure Locked Grating.....	54.01	1.37	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	8.41		
		<i>For 304 Stainless Steel, Add</i>	95.93		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	14.97		
		<i>For Crossbars At 2" On-Center, Add</i>	5.54		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-3.12		
05 53 13 00-0028	SF	2" x 3/16" Steel, Pressure Locked Grating.....	58.12	1.37	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	9.08		
		<i>For 304 Stainless Steel, Add</i>	103.62		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	16.17		
		<i>For Crossbars At 2" On-Center, Add</i>	5.98		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-3.22		
05 53 13 00-0029	SF	2-1/4" x 3/16" Steel, Pressure Locked Grating.....	62.06	1.37	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	9.73		
		<i>For 304 Stainless Steel, Add</i>	110.99		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	17.32		
		<i>For Crossbars At 2" On-Center, Add</i>	6.41		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-3.32		
05 53 13 00-0030	SF	2-1/2" x 3/16" Steel, Pressure Locked Grating.....	65.47	1.37	
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22		
		<i>For Galvanized Steel, Add</i>	10.29		
		<i>For 304 Stainless Steel, Add</i>	117.37		
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	18.32		
		<i>For Crossbars At 2" On-Center, Add</i>	6.77		
		<i>For Serrated Wear Surface, Add</i>	0.16		
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-3.40		
05 53 13 00-0031		Aluminum, Type 6063, Pressure Locked Grating <small>(05 53 13 00-0017)</small>			
		<i>Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.</i>			
05 53 13 00-0032	SF	3/4" x 1/8" Aluminum, Pressure Locked Grating.....	16.94	1.12	
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	4.29		
		<i>For Crossbars At 2" On-Center, Add</i>	1.59		
		<i>For Set In Place Without Bolting, Deduct</i>	-1.87		
		<i>For Powder Coating, Add</i>	2.21		
05 53 13 00-0033	SF	3/4" x 3/16" Aluminum, Pressure Locked Grating.....	22.97	1.12	
		<i>For Bearing Bars At 15/16" On-Center, Add</i>	6.05		
		<i>For Crossbars At 2" On-Center, Add</i>	2.24		
		<i>For Set In Place Without Bolting, Deduct</i>	-2.02		
		<i>For Powder Coating, Add</i>	3.11		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0034 SF 1" x 1/8" Aluminum, Pressure Locked Grating.....	21.67	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	5.67	
<i>For Crossbars At 2" On-Center, Add</i>	2.10	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-1.99	
<i>For Powder Coating, Add</i>	2.91	
05 53 13 00-0035 SF 1" x 3/16" Aluminum, Pressure Locked Grating.....	29.46	1.12
<i>For Bearing Bars At 7/16" On-Center, Add</i>	39.47	
<i>For Bearing Bars At 15/16" On-Center, Add</i>	7.95	
<i>For Crossbars At 2" On-Center, Add</i>	2.94	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.18	
<i>For Powder Coating, Add</i>	4.08	
05 53 13 00-0036 SF 1-1/4" x 1/8" Aluminum, Pressure Locked Grating.....	25.10	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	6.68	
<i>For Crossbars At 2" On-Center, Add</i>	2.47	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.07	
<i>For Powder Coating, Add</i>	3.43	
05 53 13 00-0037 SF 1-1/4" x 3/16" Aluminum, Pressure Locked Grating.....	33.59	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	9.15	
<i>For Crossbars At 2" On-Center, Add</i>	3.39	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.28	
<i>For Powder Coating, Add</i>	4.70	
05 53 13 00-0038 SF 1-1/2" x 1/8" Aluminum, Pressure Locked Grating.....	28.32	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	7.62	
<i>For Crossbars At 2" On-Center, Add</i>	2.82	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.15	
<i>For Powder Coating, Add</i>	3.91	
05 53 13 00-0039 SF 1-1/2" x 3/16" Aluminum, Pressure Locked Grating.....	37.85	1.12
<i>For Bearing Bars At 7/16" On-Center, Add</i>	51.63	
<i>For Bearing Bars At 15/16" On-Center, Add</i>	10.40	
<i>For Crossbars At 2" On-Center, Add</i>	3.85	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.39	
<i>For Powder Coating, Add</i>	5.34	
05 53 13 00-0040 SF 1-3/4" x 3/16" Aluminum, Pressure Locked Grating.....	41.93	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	11.59	
<i>For Crossbars At 2" On-Center, Add</i>	4.29	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.49	
<i>For Powder Coating, Add</i>	5.95	
05 53 13 00-0041 SF 2" x 3/16" Aluminum, Pressure Locked Grating.....	46.76	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	13.00	
<i>For Crossbars At 2" On-Center, Add</i>	4.81	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.61	
<i>For Powder Coating, Add</i>	6.68	
05 53 13 00-0042 SF 2-1/4" x 3/16" Aluminum, Pressure Locked Grating.....	50.55	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	14.11	
<i>For Crossbars At 2" On-Center, Add</i>	5.22	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.71	
<i>For Powder Coating, Add</i>	7.25	
05 53 13 00-0043 SF 2-1/2" x 3/16" Aluminum, Pressure Locked Grating.....	55.07	1.12
<i>For Bearing Bars At 15/16" On-Center, Add</i>	15.43	
<i>For Crossbars At 2" On-Center, Add</i>	5.71	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting, Deduct</i>	-2.82	
<i>For Powder Coating, Add</i>	7.92	
05 53 13 00-0044 Swage Locked Grating <small>(05 53 13)</small>		
<small>Note: Sizes are for height and width of bearing bars. Swage locked grating is an open grid grating where bearing bars are pre-punched to receive a cross bar without penetrating or cutting the top surface of the bearing bar. The cross bar is then inserted through the pre-punched hole and deformed by swaging or squeezing under hydraulic pressure to permanently lock the bars in place.</small>		
05 53 13 00-0045 Steel, Swage Locked Grating <small>(05 53 13 00-0044)</small>		
<small>Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted or tack welded, unpainted steel, and in all sizes.</small>		
05 53 13 00-0046 SF 1" x 3/16" Steel, Swaged Grating.....	42.36	1.12
<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>	0.22	
<i>For Galvanized Steel, Add</i>	3.69	
<i>For 304 Stainless Steel, Add</i>	66.52	
<small>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</small>		
<i>For Bearing Bars At 15/16" On-Center, Add</i>	25.68	
<i>For Crossbars At 2" On-Center, Add</i>	3.21	
<i>For Serrated Wear Surface, Add</i>	0.16	
<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>	-2.50	

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0047	SF	1-1/4" x 3/16" Steel, Swaged Grating.....		47.30	1.12
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		4.15	
		<i>For 304 Stainless Steel, Add</i>		74.71	
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		28.84	
		<i>For Crossbars At 2" On-Center, Add</i>		3.60	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-2.63	
05 53 13 00-0048	SF	1-1/2" x 3/16" Steel, Swaged Grating.....		51.67	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		4.50	
		<i>For 304 Stainless Steel, Add</i>		81.13	
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		31.32	
		<i>For Crossbars At 2" On-Center, Add</i>		3.91	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-3.06	
05 53 13 00-0049	SF	1-3/4" x 3/16" Steel, Swaged Grating.....		59.26	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		5.20	
		<i>For 304 Stainless Steel, Add</i>		93.71	
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		36.17	
		<i>For Crossbars At 2" On-Center, Add</i>		4.52	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-3.25	
05 53 13 00-0050	SF	2" x 3/16" Steel, Swaged Grating.....		66.87	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		5.90	
		<i>For 304 Stainless Steel, Add</i>		106.33	
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		41.04	
		<i>For Crossbars At 2" On-Center, Add</i>		5.13	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-3.44	
05 53 13 00-0051	SF	2-1/4" x 3/16" Steel, Swaged Grating.....		74.46	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		6.60	
		<i>For 304 Stainless Steel, Add</i>		118.91	
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		45.90	
		<i>For Crossbars At 2" On-Center, Add</i>		5.74	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-3.63	
05 53 13 00-0052	SF	2-1/2" x 3/16" Steel, Swaged Grating.....		82.07	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		7.30	
		<i>For 304 Stainless Steel, Add</i>		131.53	
		<i>Note: Bearing bars at 1-3/16" on-center and crossbars at 4" on-center</i>			
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		50.77	
		<i>For Crossbars At 2" On-Center, Add</i>		6.35	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-3.82	
05 53 13 00-0053		Aluminum Grating, Type 6063, Swage Locked (05 53 13 00-0044)			
		<i>Note: Bearing bars at 1-3/16" on-center, crossbars at 4" on-center, bolted in place, and in all sizes.</i>			
05 53 13 00-0054	SF	1" x 1/8" Aluminum, Swaged Grating.....		20.01	1.12
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		11.37	
		<i>For Crossbars At 2" On-Center, Add</i>		1.42	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting, Deduct</i>		-1.95	
		<i>For Powder Coating, Add</i>		2.67	
05 53 13 00-0055	SF	1" x 3/16" Aluminum, Swaged Grating.....		25.96	1.12
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		15.18	
		<i>For Crossbars At 2" On-Center, Add</i>		1.90	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.09	
		<i>For Powder Coating, Add</i>		3.56	
05 53 13 00-0056	SF	1-1/4" x 1/8" Aluminum, Swaged Grating.....		22.68	1.12
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		13.08	
		<i>For Crossbars At 2" On-Center, Add</i>		1.64	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.01	
		<i>For Powder Coating, Add</i>		3.07	
05 53 13 00-0057	SF	1-1/4" x 3/16" Aluminum, Swaged Grating.....		29.96	1.12
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		17.74	
		<i>For Crossbars At 2" On-Center, Add</i>		2.22	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.19	
		<i>For Powder Coating, Add</i>		4.16	
05 53 13 00-0058	SF	1-1/2" x 1/8" Aluminum, Swaged Grating.....		25.85	1.12
		<i>For Bearing Bars At 15/16" On-Center, Add</i>		15.11	
		<i>For Crossbars At 2" On-Center, Add</i>		1.89	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.09	
		<i>For Powder Coating, Add</i>		3.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0059 SF 1-1/2" x 3/16" Aluminum, Swaged Grating.....	34.24	1.12
For Bearing Bars At 15/16" On-Center, Add	20.48	
For Crossbars At 2" On-Center, Add	2.56	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.30	
For Powder Coating, Add	4.80	
05 53 13 00-0060 SF 1-3/4" x 3/16" Aluminum, Swaged Grating.....	39.18	1.12
For Bearing Bars At 15/16" On-Center, Add	23.64	
For Crossbars At 2" On-Center, Add	2.96	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.42	
For Powder Coating, Add	5.54	
05 53 13 00-0061 SF 2" x 3/16" Aluminum, Swaged Grating.....	44.09	1.12
For Bearing Bars At 15/16" On-Center, Add	26.78	
For Crossbars At 2" On-Center, Add	3.35	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.55	
For Powder Coating, Add	6.28	
05 53 13 00-0062 SF 2-1/4" x 3/16" Aluminum, Swaged Grating.....	49.02	1.12
For Bearing Bars At 15/16" On-Center, Add	29.94	
For Crossbars At 2" On-Center, Add	3.74	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.67	
For Powder Coating, Add	7.02	
05 53 13 00-0063 SF 2-1/2" x 3/16" Aluminum, Swaged Grating.....	53.93	1.12
For Bearing Bars At 15/16" On-Center, Add	33.08	
For Crossbars At 2" On-Center, Add	4.14	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting, Deduct	-2.79	
For Powder Coating, Add	7.75	
05 53 13 00-0064 Riveted Grating <small>(05 53 13)</small>		
Note: Riveted grating is an open grid grating where bearing bars are pre-punched to receive a solid round rivet. Crimp/lacing bars are pre-punched as well and then formed into a reticulated shape. Bearing bars and crimp bars are then assembled and clamped in place by rivets which are cold driven under hydraulic pressure to permanently lock the assembly together.		
05 53 13 00-0065 Steel, Riveted Grating <small>(05 53 13 00-0064)</small>		
Note: 1" clear opening, bolted or tack welded in place, unpainted steel, all sizes.		
05 53 13 00-0066 SF 3/4" x 1/8", 7.0 LB/SF, Steel, Riveted Grating.....	80.70	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	3.77	
For 304 Stainless Steel, Add	67.40	
For 5/8" Clear Opening, Add	27.07	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.46	
05 53 13 00-0067 SF 3/4" x 3/16", 8.5 LB/SF, Steel, Riveted Grating.....	95.07	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.46	
For 304 Stainless Steel, Add	79.74	
For 5/8" Clear Opening, Add	32.03	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.82	
05 53 13 00-0068 SF 1" x 1/8", 8.0 LB/SF, Steel, Riveted Grating.....	87.32	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.08	
For 304 Stainless Steel, Add	73.08	
For 5/8" Clear Opening, Add	29.35	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.63	
05 53 13 00-0069 SF 1" x 3/16", 9.5 LB/SF, Steel, Riveted Grating.....	100.54	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.72	
For 304 Stainless Steel, Add	84.44	
For 5/8" Clear Opening, Add	33.91	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.96	
05 53 13 00-0070 SF 1-1/4" x 1/8", 9.0 LB/SF, Steel, Riveted Grating.....	92.79	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.35	
For 304 Stainless Steel, Add	77.78	
For 5/8" Clear Opening, Add	31.24	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-3.76	
05 53 13 00-0071 SF 1-1/4" x 3/16", 11.1 LB/SF, Steel, Riveted Grating.....	110.73	1.12
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	5.21	
For 304 Stainless Steel, Add	93.19	
For 5/8" Clear Opening, Add	37.43	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-4.21	
05 53 13 00-0072 SF 1-1/2" x 1/8", 10.1 LB/SF, Steel, Riveted Grating.....	98.57	1.37
For One Coat Of Shop Applied Paint (Red Or Black), Add	0.22	
For Galvanized Steel, Add	4.60	
For 304 Stainless Steel, Add	82.32	
For 5/8" Clear Opening, Add	33.06	
For Serrated Wear Surface, Add	0.16	
For Set In Place Without Bolting Or Tack Welding, Deduct	-4.23	

05 Metals**05 50 Metal Fabrications****05 53 Metal Gratings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0073	SF	1-1/2" x 3/16", 12.5 LB/SF, Steel, Riveted Grating	.....	117.75	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		5.52	
		<i>For 304 Stainless Steel, Add</i>		98.79	
		<i>For 5/8" Clear Opening, Add</i>		39.68	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-4.71	
05 53 13 00-0074	SF	1-3/4" x 3/16", 14.0 LB/SF, Steel, Riveted Grating	.....	127.53	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		5.99	
		<i>For 304 Stainless Steel, Add</i>		107.19	
		<i>For 5/8" Clear Opening, Add</i>		43.05	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-4.96	
05 53 13 00-0075	SF	2" x 3/16", 17.0 LB/SF, Steel, Riveted Grating	.....	149.38	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		7.04	
		<i>For 304 Stainless Steel, Add</i>		125.96	
		<i>For 5/8" Clear Opening, Add</i>		50.59	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-5.50	
05 53 13 00-0076	SF	2-1/4" x 3/16", 18.5 LB/SF, Steel, Riveted Grating	.....	156.99	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		7.40	
		<i>For 304 Stainless Steel, Add</i>		132.50	
		<i>For 5/8" Clear Opening, Add</i>		53.22	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-5.69	
05 53 13 00-0077	SF	2-1/2" x 3/16", 20.0 LB/SF, Steel, Riveted Grating	.....	163.77	1.37
		<i>For One Coat Of Shop Applied Paint (Red Or Black), Add</i>		0.22	
		<i>For Galvanized Steel, Add</i>		7.73	
		<i>For 304 Stainless Steel, Add</i>		138.32	
		<i>For 5/8" Clear Opening, Add</i>		55.56	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Set In Place Without Bolting Or Tack Welding, Deduct</i>		-5.86	
05 53 13 00-0078		Aluminum, Riveted Grating <small>(05 53 13 00-0064)</small>			
		Note: 1" clear opening, bolted in place and in all sizes.			
05 53 13 00-0079	SF	3/4" x 1/8", 2.4 LB/SF, Aluminum, Riveted Grating	.....	42.81	1.12
		<i>For 5/8" Clear Opening, Add</i>		14.00	
		<i>For Powder Coating, Add</i>		6.09	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.52	
05 53 13 00-0080	SF	3/4" x 3/16", 2.9 LB/SF, Aluminum, Riveted Grating	.....	50.84	1.12
		<i>For 5/8" Clear Opening, Add</i>		16.77	
		<i>For Powder Coating, Add</i>		7.29	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.72	
05 53 13 00-0081	SF	1" x 1/8", 2.7 LB/SF, Aluminum, Riveted Grating	.....	47.10	1.12
		<i>For 5/8" Clear Opening, Add</i>		15.48	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		6.73	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.62	
05 53 13 00-0082	SF	1" x 3/16", 3.2 LB/SF, Aluminum, Riveted Grating	.....	54.94	1.12
		<i>For 5/8" Clear Opening, Add</i>		18.18	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		7.91	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.82	
05 53 13 00-0083	SF	1-1/4" x 1/8", 3.1 LB/SF, Aluminum, Riveted Grating	.....	52.84	1.12
		<i>For 5/8" Clear Opening, Add</i>		17.46	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		7.59	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.77	
05 53 13 00-0084	SF	1-1/4" x 3/16", 3.8 LB/SF, Aluminum, Riveted Grating	.....	63.72	1.12
		<i>For 5/8" Clear Opening, Add</i>		21.21	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		9.22	
		<i>For Set In Place Without Bolting, Deduct</i>		-3.04	
05 53 13 00-0085	SF	1-1/2" x 1/8", 3.4 LB/SF, Aluminum, Riveted Grating	.....	56.76	1.12
		<i>For 5/8" Clear Opening, Add</i>		18.81	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		8.18	
		<i>For Set In Place Without Bolting, Deduct</i>		-2.86	
05 53 13 00-0086	SF	1-1/2" x 3/16", 4.3 LB/SF, Aluminum, Riveted Grating	.....	70.58	1.12
		<i>For 5/8" Clear Opening, Add</i>		23.58	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		10.25	
		<i>For Set In Place Without Bolting, Deduct</i>		-3.21	
05 53 13 00-0087	SF	1-3/4" x 3/16", 4.8 LB/SF, Aluminum, Riveted Grating	.....	77.83	1.12
		<i>For 5/8" Clear Opening, Add</i>		26.08	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		11.34	
		<i>For Set In Place Without Bolting, Deduct</i>		-3.39	
05 53 13 00-0088	SF	2" x 3/16", 5.8 LB/SF, Aluminum, Riveted Grating	.....	92.71	1.12
		<i>For 5/8" Clear Opening, Add</i>		31.21	
		<i>For Serrated Wear Surface, Add</i>		0.16	
		<i>For Powder Coating, Add</i>		13.57	
		<i>For Set In Place Without Bolting, Deduct</i>		-3.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 53 13 00-0089	SF		2-1/4" x 3/16", 6.4 LB/SF, Aluminum, Riveted Grating.....	101.16	1.12
			<i>For 5/8" Clear Opening, Add</i>	34.13	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Powder Coating, Add</i>	14.84	
			<i>For Set In Place Without Bolting, Deduct</i>	-3.97	
05 53 13 00-0090	SF		2-1/2" x 3/16", 7.2 LB/SF, Aluminum, Riveted Grating.....	112.48	1.12
			<i>For 5/8" Clear Opening, Add</i>	38.03	
			<i>For Serrated Wear Surface, Add</i>	0.16	
			<i>For Powder Coating, Add</i>	16.54	
			<i>For Set In Place Without Bolting, Deduct</i>	-4.26	
05 53 16 Plank Gratings (05 53)					
05 53 16 00-0001 Gate-Lock Steel Plank Grating (05 53 16)					
Note: Smooth or traction grip surface.					
05 53 16 00-0002	SF		1-1/2" Height, 18 Gauge Steel Gate-Lock Plank Grating.....	17.25	0.87
			<i>For Stair Tread Application, Add</i>	1.98	
05 53 16 00-0003	SF		2-1/2" Height, 18 Gauge Steel Gate-Lock Plank Grating.....	18.40	1.07
			<i>For Stair Tread Application, Add</i>	2.16	
05 53 16 00-0004	SF		3" Height, 18 Gauge Steel Gate-Lock Plank Grating.....	19.40	1.16
			<i>For Stair Tread Application, Add</i>	2.29	
05 53 16 00-0005	SF		4" Height, 18 Gauge Steel Gate-Lock Plank Grating.....	21.19	1.27
			<i>For Stair Tread Application, Add</i>	2.50	
05 53 16 00-0006	SF		1-1/2" Height, 16 Gauge Steel Gate-Lock Plank Grating.....	21.01	0.97
			<i>For Stair Tread Application, Add</i>	2.39	
05 53 16 00-0007	SF		2-1/2" Height, 16 Gauge Steel Gate-Lock Plank Grating.....	22.34	1.16
			<i>For Stair Tread Application, Add</i>	2.59	
05 53 16 00-0008	SF		1-1/2" Height, 14 Gauge Steel Gate-Lock Plank Grating.....	25.81	1.12
			<i>For Stair Tread Application, Add</i>	2.92	
05 53 16 00-0009	SF		2-1/2" Height, 14 Gauge Steel Gate-Lock Plank Grating.....	27.45	1.37
			<i>For Stair Tread Application, Add</i>	3.16	
05 53 16 00-0010	SF		3" Height, 14 Gauge Steel Gate-Lock Plank Grating.....	29.36	1.73
			<i>For Stair Tread Application, Add</i>	3.46	
05 53 16 00-0011	SF		4" Height, 14 Gauge Steel Gate-Lock Plank Grating.....	32.39	1.93
			<i>For Stair Tread Application, Add</i>	3.82	
05 54 Metal Floor Plates (05 50)					
05 54 00 00-0001 Steel Floor Plates (05 54)					
05 54 00 00-0002	SF		16 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	20.67	1.32
05 54 00 00-0003	SF		14 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	23.72	1.32
05 54 00 00-0004	SF		12 Gauge Steel Raised Or Diamond Pattern Floor Plates.....	29.88	1.32
05 54 00 00-0005	SF		1/8" Steel Raised Or Diamond Pattern Floor Plates.....	40.05	1.42
05 54 00 00-0006	SF		1/4" Steel Raised Or Diamond Pattern Floor Plates.....	51.09	1.53
05 54 00 00-0007 Aluminum Alloy Floor Plates (05 54)					
05 54 00 00-0008	SF		0.125" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	29.38	1.12
			<i>For Powder Coating, Add</i>	4.07	
05 54 00 00-0009	SF		0.188" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	33.72	1.32
			<i>For Powder Coating, Add</i>	4.68	
05 54 00 00-0010	SF		0.25" Aluminum Alloy Raised Or Diamond Pattern Floor Plate.....	38.06	1.42
			<i>For Powder Coating, Add</i>	5.28	
05 54 00 00-0011 Type 304 Stainless Steel Floor Plates (05 54)					
05 54 00 00-0012	SF		1/8" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	39.03	1.53
05 54 00 00-0013	SF		3/16" Type 304 Stainless Steel Raised Or Diamond Pattern Floor Plate.....	46.68	1.73
05 54 00 00-0014	SF		1/4" Type 304 Stainless Raised Or Diamond Pattern Steel Floor Plate.....	60.51	2.03
05 55 Metal Stair Treads and Nosings (05 50)					
05 55 13 Metal Stair Treads (05 55)					
05 55 13 00-0001 Abrasive Cast Aluminum Stair Treads (05 55 13)					
Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.					
05 55 13 00-0002	LF		8" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	70.19	6.28
			<i>For 3/8" Thick, Add</i>	15.03	
05 55 13 00-0003	LF		9" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	77.41	6.28
			<i>For 3/8" Thick, Add</i>	16.84	
05 55 13 00-0004	LF		10" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	84.60	6.28
			<i>For 3/8" Thick, Add</i>	18.64	
05 55 13 00-0005	LF		11" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	91.84	6.28
			<i>For 3/8" Thick, Add</i>	20.45	
05 55 13 00-0006	LF		12" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Stair Tread.....	99.02	6.28
			<i>For 3/8" Thick, Add</i>	22.24	
05 55 13 00-0007 Abrasive Cast Iron Stair Treads (05 55 13)					
Note: Includes abrasive diamond pattern surface and anchors. Excludes stringers.					
05 55 13 00-0008	LF		8" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread.....	98.18	6.28

05 Metals**05 50 Metal Fabrications****05 55 Metal Stair Treads and Nosings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 13 00-0009	LF		9" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	108.87	6.28
05 55 13 00-0010	LF		10" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	119.58	6.28
05 55 13 00-0011	LF		11" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	130.27	6.28
05 55 13 00-0012	LF		12" Depth, 3/8" Thick, 1/4" Lip, Abrasive Cast Iron Stair Tread	140.98	6.28
05 55 13 00-0013			Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Treads <small>(05 55 13)</small>		
			Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0014	LF		6-1/2" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	36.45	6.28
05 55 13 00-0015	LF		9" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	42.98	6.28
05 55 13 00-0016	LF		11" Depth, 5/32" Thick, 1-1/16" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Safety Stair Tread.....	45.86	6.28
05 55 13 00-0017			Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Treads <small>(05 55 13)</small>		
			Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors. Excludes stringers.		
05 55 13 00-0018	LF		8" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	54.49	6.28
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.54	
			<i>For Two Color Tread, Add</i>	3.40	
05 55 13 00-0019	LF		9" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	55.03	6.28
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.54	
			<i>For Two Color Tread, Add</i>	3.40	
05 55 13 00-0020	LF		11" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	66.79	6.28
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.54	
			<i>For Two Color Tread, Add</i>	3.40	
05 55 13 00-0021	LF		12" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	77.09	6.28
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.54	
			<i>For Two Color Tread, Add</i>	3.40	
05 55 13 00-0022	LF		15" Depth, 9/32" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Tread.....	90.53	6.28
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.54	
			<i>For Two Color Tread, Add</i>	3.40	
05 55 13 00-0023			Stair Landing Treads <small>(05 55 13)</small>		
05 55 13 00-0024			Abrasive Cast Aluminum Stair Landing Treads <small>(05 55 13 00-0023)</small>		
			Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0025	SF		5/16" Thick, Abrasive Cast Aluminum Landing Treads.....	99.02	6.28
			<i>For 3/8" Thick, Add</i>	22.24	
05 55 13 00-0026			Abrasive Cast Iron Stair Landing Treads <small>(05 55 13 00-0023)</small>		
			Note: Includes abrasive diamond pattern surface and anchors.		
05 55 13 00-0027	SF		3/8" Thick, Abrasive Cast Iron Landing Treads.....	140.98	6.28
05 55 13 00-0028			Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads <small>(05 55 13 00-0023)</small>		
			Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 13 00-0029	SF		9/32" Thick, Aluminum/Ceramic Grit Coating, Extruded Aluminum Renovation Stair Landing Treads	91.71	6.28
			<i>For Epoxy Sealed For Corrosive Environment, Add</i>	4.54	
05 55 13 00-0030			Open Cast Iron Stair Tread <small>(05 55 13)</small>		
			Note: Includes steel stringers, safety nosing and 2 pipe handrail. Excludes landings.		
05 55 13 00-0031	RSR		3'-6" Wide, Open Cast Iron Stair Tread.....	725.49	40.67
			<i>For Closed Riser, Add</i>	62.25	
05 55 13 00-0032	RSR		4'-0" Wide, Open Cast Iron Stair Tread.....	812.04	46.77
			<i>For Closed Riser, Add</i>	69.53	
05 55 13 00-0033	RSR		5'-0" Wide, Open Cast Iron Stair Tread.....	893.63	54.90
			<i>For Closed Riser, Add</i>	76.43	
05 55 16 Metal Stair Nosings <small>(05 55)</small>					
05 55 16 00-0001			Abrasive Cast Aluminum Nosings <small>(05 55 16)</small>		
			Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0002	LF		3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	29.31	4.29
			<i>For 3/8" Thick, Add</i>	5.61	
05 55 16 00-0003	LF		4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing	36.28	4.29
			<i>For 3/8" Thick, Add</i>	7.36	
05 55 16 00-0004	LF		6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Aluminum Nosing.....	51.80	4.29
			<i>For 3/8" Thick, Add</i>	11.24	
05 55 16 00-0005			Abrasive Cast Iron Nosings <small>(05 55 16)</small>		
			Note: Includes abrasive diamond pattern surface and anchors.		
05 55 16 00-0006	LF		3" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	34.40	4.29
			<i>For 3/8" Thick, Add</i>	6.89	
05 55 16 00-0007	LF		4" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing.....	42.98	4.29
			<i>For 3/8" Thick, Add</i>	9.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 55 16 00-0008 LF 6" Depth, 5/16" Thick, 1/4" Lip, Abrasive Cast Iron Nosing..... <i>For 3/8" Thick, Add</i>	59.93 13.27	4.29
05 55 16 00-0009 Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosings <small>(05 55 16)</small> Note: Includes extruded aluminum base with diamond hard aluminum oxide abrasive filler/surface. Includes anchors.		
05 55 16 00-0010 LF 1-7/8" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	24.59	4.29
05 55 16 00-0011 LF 3" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	27.95	4.29
05 55 16 00-0012 LF 4" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	30.52	4.29
05 55 16 00-0013 LF 6" Depth, 1/4" Thick, 1/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing.....	38.48	4.29
05 55 16 00-0014 LF 1-7/8" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	25.50	4.29
05 55 16 00-0015 LF 3" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	28.36	4.29
05 55 16 00-0016 LF 4" Depth, 1/4" Thick, 1-1/8" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	31.20	4.29
05 55 16 00-0017 LF 3" Depth, 1/4" Thick, 1-3/4" Lip, Aluminum/Ceramic Grit Coating, Extruded Aluminum Nosing	29.47	4.29
05 56 Metal Castings <small>(05 50)</small>		
05 56 00 00-0001 Castings <small>(05 56)</small>		
05 56 00 00-0002 LB Up To 150 LB, Miscellaneous Castings, Light Section	5.66	0.51
05 56 00 00-0003 LB >150 LB, Miscellaneous Castings, Heavy Section.....	9.81	0.40
05 58 Formed Metal Fabrications <small>(05 50)</small>		
05 58 16 Formed Metal Enclosures <small>(05 58)</small>		
05 58 16 00-0001 Drip Pan <small>(05 58 16)</small>		
05 58 16 00-0002 SF Stainless Steel Drip Pan.....	113.35	7.62
05 58 16 00-0003 SF Galvanized Steel Drip Pan.....	111.99	7.62
05 58 16 00-0004 SF Aluminum Drip Pan.....	78.79	6.09
05 58 16 00-0005 SF Plastic Drip Pan	21.32	5.34
05 58 23 Formed Metal Guards <small>(05 58)</small>		
05 58 23 00-0001 Protective Guard Rails <small>(05 58 23)</small> Note: Includes painted finish.		
05 58 23 00-0002 2-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0001)</small> Note: Steel King Armor Guard.		
05 58 23 00-0003 Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0002)</small> Note: Excludes posts. Includes fasteners.		
05 58 23 00-0004 EA 1' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	202.52	20.58
05 58 23 00-0005 EA 2' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	238.60	20.58
05 58 23 00-0006 EA 3' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	272.64	20.58
05 58 23 00-0007 EA 4' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	308.72	20.58
05 58 23 00-0008 EA 5' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	342.96	20.58
05 58 23 00-0009 EA 6' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	387.33	20.58
05 58 23 00-0010 EA 7' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	417.56	20.58
05 58 23 00-0011 EA 8' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	464.37	20.58
05 58 23 00-0012 EA 9' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail	495.09	20.58
05 58 23 00-0013 EA 10' Length, 10-1/2" Height, Bolt-On, 2-Rib, 11 Gauge Steel, Protective Guard Rail.....	517.04	20.58
05 58 23 00-0014 Posts For 2-Rib Guard Rails <small>(05 58 23 00-0002)</small> Note: Includes drilling, surface mounting plate and anchors.		
05 58 23 00-0015 EA 12" Height, Single Rail Post For 2-Rib Guard Rails	405.61	42.87
05 58 23 00-0016 EA 42" Height, Triple Rail Post For 2-Rib Guard Rails	530.93	42.87
05 58 23 00-0017 3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0001)</small> Note: Steel King Steel Guard.		
05 58 23 00-0018 Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0017)</small> Note: Excludes posts. Includes fasteners.		
05 58 23 00-0019 EA 1' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	224.27	20.58
05 58 23 00-0020 EA 2' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	248.26	20.58
05 58 23 00-0021 EA 3' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	278.20	20.58
05 58 23 00-0022 EA 4' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	306.19	20.58
05 58 23 00-0023 EA 5' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	338.57	20.58
05 58 23 00-0024 EA 6' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	354.17	20.58
05 58 23 00-0025 EA 7' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	391.72	20.58
05 58 23 00-0026 EA 8' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	423.41	20.58
05 58 23 00-0027 EA 9' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	457.06	20.58
05 58 23 00-0028 EA 10' Length, 15" Height, Bolt-On, 3-Rib, 11 Gauge Steel, Protective Guard Rail	491.19	20.58
05 58 23 00-0029 Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rails <small>(05 58 23 00-0017)</small> Note: Excludes posts. Includes fasteners and lift-out mounting plate.		
05 58 23 00-0030 EA 1' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	332.23	20.58
05 58 23 00-0031 EA 2' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail	358.56	20.58

05 Metals**05 50 Metal Fabrications****05 58 Formed Metal Fabrications**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
05 58 23 00-0032	EA	3' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		385.87	20.58
05 58 23 00-0033	EA	4' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		417.56	20.58
05 58 23 00-0034	EA	5' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		449.26	20.58
05 58 23 00-0035	EA	6' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		475.10	20.58
05 58 23 00-0036	EA	7' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		504.85	20.58
05 58 23 00-0037	EA	8' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		538.49	20.58
05 58 23 00-0038	EA	9' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		574.58	20.58
05 58 23 00-0039	EA	10' Length, 15" Height, Lift-Out, 3-Rib, 11 Gauge Steel, Protective Guard Rail.....		606.27	20.58
05 58 23 00-0040		Posts For 3-Rib Guard Rails (05 58 23 00-0017)			
		Note: Includes drilling, surface mounting plate and anchors.			
05 58 23 00-0041	EA	18" Height, Single Rail Post For 3-Rib Guard Rails		355.68	42.87
05 58 23 00-0042	EA	42" Height, Double Rail Post For 3-Rib Guard Rails.....		457.30	42.87
05 58 23 00-0043		All-Welded, Protective Guards (05 58 23)			
		Note: Surface mounted inverted-U style protective barriers. Includes painted finish, drilling, surface mounting plate and anchors.			
05 58 23 00-0044		All-Welded, Protective Guards (05 58 23 00-0043)			
05 58 23 00-0045	EA	36" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		463.94	57.15
05 58 23 00-0046	EA	48" Length, 9" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		488.32	57.15
05 58 23 00-0047	EA	36" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		502.46	57.15
05 58 23 00-0048	EA	48" Length, 16" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		523.43	57.15
05 58 23 00-0049	EA	36" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		518.55	57.15
05 58 23 00-0050	EA	48" Length, 24" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		544.39	57.15
05 58 23 00-0051	EA	36" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		551.71	57.15
05 58 23 00-0052	EA	48" Length, 36" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		560.00	57.15
05 58 23 00-0053	EA	48" Length, 42" Height, 4-1/2" Diameter Steel Pipe, All-Welded, Protective Guard.....		599.50	57.15
05 58 23 00-0054		Corner Style, All-Welded, Protective Guards (05 58 23 00-0043)			
05 58 23 00-0055	EA	24" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....		615.10	57.15
05 58 23 00-0056	EA	30" Length, 24" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....		644.36	57.15
05 58 23 00-0057	EA	24" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....		656.55	57.15
05 58 23 00-0058	EA	30" Length, 36" Height, 4-1/2" Diameter Steel Pipe, Corner Style, All-Welded, Protective Guard.....		716.53	57.15
05 58 23 00-0059		Warehouse Safety Bollards (05 58 23)			
		Note: Includes painted finish, drilling, surface mounting plate and anchors.			
05 58 23 00-0060	EA	24" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard		291.71	42.87
05 58 23 00-0061	EA	36" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard		339.89	42.87
05 58 23 00-0062	EA	42" Height, 4-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard		390.89	42.87
05 58 23 00-0063	EA	36" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard		404.84	42.87
05 58 23 00-0064	EA	42" Height, 5-1/2" Diameter Steel Pipe, Bolt Down, Warehouse Safety Bollard		437.02	42.87
05 59 Metal Specialties (05 59)					
05 59 65 Metal Chain (05 59)					
05 59 65 00-0001		Alloy Steel Chain, Self Colored, Cut Length (05 59 65)			
		Note: Includes all connecting links, double clevis mid-Links, slip or grab hooks, or shackles as required.			
05 59 65 00-0002	LF	3/16" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		6.51	0.98
		<i>For Plastic Dipped, Add</i>		0.68	
05 59 65 00-0003	LF	1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		7.66	1.31
		<i>For Plastic Dipped, Add</i>		0.76	
05 59 65 00-0004	LF	3/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		12.04	2.61
		<i>For Plastic Dipped, Add</i>		1.02	
05 59 65 00-0005	LF	1/2" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		19.29	4.41
		<i>For Plastic Dipped, Add</i>		1.57	
05 59 65 00-0006	LF	5/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		32.56	7.45
		<i>For Plastic Dipped, Add</i>		2.65	
05 59 65 00-0007	LF	3/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		45.69	10.45
		<i>For Plastic Dipped, Add</i>		3.72	
05 59 65 00-0008	LF	7/8" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		62.47	13.07
		<i>For Plastic Dipped, Add</i>		5.45	
05 59 65 00-0009	LF	1" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		90.55	17.42
		<i>For Plastic Dipped, Add</i>		8.36	
05 59 65 00-0010	LF	1-1/4" Diameter Alloy Steel Chain, Cut Length, Self Colored.....		147.60	26.14
		<i>For Plastic Dipped, Add</i>		14.30	
05 59 65 00-0011		316L Stainless Steel Chain, Cut Length (05 59 65)			
05 59 65 00-0012	CLF	1/8" Diameter 316L Stainless Steel Chain, Cut Length.....		2,673.46	87.09
05 59 65 00-0013	CLF	3/16" Diameter 316L Stainless Steel Chain, Cut Length.....		3,290.40	104.54
05 59 65 00-0014	CLF	9/32" Diameter 316L Stainless Steel Chain, Cut Length.....		4,124.68	130.68
05 59 65 00-0015	CLF	5/16" Diameter 316L Stainless Steel Chain, Cut Length.....		5,572.67	174.28
05 59 65 00-0016	CLF	3/8" Diameter 316L Stainless Steel Chain, Cut Length.....		6,327.37	261.37
05 59 65 00-0017	CLF	1/2" Diameter 316L Stainless Steel Chain, Cut Length.....		9,541.09	435.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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05 59 69 Metal Panels (05 59)

<p>05 59 69 00-0001 Woven And Welded Wire Cloth <small>(05 59 69)</small> <small>Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.</small></p> <p>05 59 69 00-0002 Plain Steel Woven And Welded Wire Cloth Panels <small>(05 59 69 00-0001)</small></p> <p>05 59 69 00-0003 2" Square Wire Spacing <small>(05 59 69 00-0002)</small></p>	<p>05 59 69 00-0004 SF 0.12" Thick Wire, 2" Spacing, 0.44 LB/SF Woven And Welded Wire Cloth Panels9.64</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 2.67</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.52</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.30</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -0.89</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 2.60</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 3.55</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 14.21</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 16.28</p> <p>05 59 69 00-0005 SF 0.135" Thick Wire, 2" Spacing, 0.55 LB/SF Woven And Welded Wire Cloth Panels10.38</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 2.85</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.62</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.33</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -0.98</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 2.86</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 3.90</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 15.60</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 17.88</p> <p>05 59 69 00-0006 SF 0.148" Thick Wire, 2" Spacing, 0.65 LB/SF Woven And Welded Wire Cloth Panels11.02</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 3.06</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.75</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.34</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.01</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 2.96</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 4.04</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 16.15</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 18.51</p> <p>05 59 69 00-0007 SF 0.162" Thick Wire, 2" Spacing, 0.78 LB/SF Woven And Welded Wire Cloth Panels11.62</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 3.22</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 1.83</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.36</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.07</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 3.15</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 4.29</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 17.16</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 19.66</p> <p>05 59 69 00-0008 SF 0.177" Thick Wire, 2" Spacing, 0.92 LB/SF Woven And Welded Wire Cloth Panels12.70</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 3.54</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.02</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.38</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.15</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 3.38</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 4.61</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 18.43</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 21.12</p> <p>05 59 69 00-0009 SF 0.192" Thick Wire, 2" Spacing, 1.08 LB/SF Woven And Welded Wire Cloth Panels14.61</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 4.04</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.30</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.45</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.35</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 3.97</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 5.41</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 21.65</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 24.81</p> <p>05 59 69 00-0010 SF 0.207" Thick Wire, 2" Spacing, 1.25 LB/SF Woven And Welded Wire Cloth Panels16.59</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 4.55</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.58</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.52</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.57</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 4.59</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 6.26</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 25.06</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 28.71</p> <p>05 59 69 00-0011 SF 0.225" Thick Wire, 2" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels19.01</p> <p style="margin-left: 20px;"><i>For Up To 2, Add</i> 5.17</p> <p style="margin-left: 20px;"><i>For >2 To 6, Add</i> 2.92</p> <p style="margin-left: 20px;"><i>For >15 To 40, Deduct</i> -0.61</p> <p style="margin-left: 20px;"><i>For >40, Deduct</i> -1.83</p> <p style="margin-left: 20px;"><i>For Galvanized, Add</i> 5.36</p> <p style="margin-left: 20px;"><i>For Aluminum, Add</i> 7.31</p> <p style="margin-left: 20px;"><i>For 304 Stainless Steel, Add</i> 29.26</p> <p style="margin-left: 20px;"><i>For 316 Stainless Steel, Add</i> 33.52</p>	<p>2.79</p> <p>2.90</p> <p>3.23</p> <p>3.36</p> <p>3.76</p> <p>4.19</p> <p>4.62</p> <p>5.12</p>
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05 59 69 00-0012 1-3/4" Square Wire Spacing (05 59 69 00-0002)

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0013	SF		0.12" Thick Wire, 1-3/4" Spacing, 0.49 LB/SF Woven And Welded Wire Cloth Panels	10.11	2.96
			For Up To 2, Add	2.81	
			For >2 To 6, Add	1.60	
			For >15 To 40, Deduct	-0.31	
			For >40, Deduct	-0.93	
			For Galvanized, Add	2.71	
			For Aluminum, Add	3.70	
			For 304 Stainless Steel, Add	14.81	
			For 316 Stainless Steel, Add	16.97	
05 59 69 00-0014	SF		0.135" Thick Wire, 1-3/4" Spacing, 0.62 LB/SF Woven And Welded Wire Cloth Panels	11.14	3.11
			For Up To 2, Add	3.06	
			For >2 To 6, Add	1.74	
			For >15 To 40, Deduct	-0.35	
			For >40, Deduct	-1.05	
			For Galvanized, Add	3.07	
			For Aluminum, Add	4.19	
			For 304 Stainless Steel, Add	16.75	
			For 316 Stainless Steel, Add	19.20	
05 59 69 00-0015	SF		0.148" Thick Wire, 1-3/4" Spacing, 0.74 LB/SF Woven And Welded Wire Cloth Panels	11.96	3.49
			For Up To 2, Add	3.33	
			For >2 To 6, Add	1.90	
			For >15 To 40, Deduct	-0.36	
			For >40, Deduct	-1.09	
			For Galvanized, Add	3.21	
			For Aluminum, Add	4.37	
			For 304 Stainless Steel, Add	17.50	
			For 316 Stainless Steel, Add	20.05	
05 59 69 00-0016	SF		0.162" Thick Wire, 1-3/4" Spacing, 0.88 LB/SF Woven And Welded Wire Cloth Panels	12.50	3.61
			For Up To 2, Add	3.46	
			For >2 To 6, Add	1.97	
			For >15 To 40, Deduct	-0.38	
			For >40, Deduct	-1.15	
			For Galvanized, Add	3.38	
			For Aluminum, Add	4.61	
			For 304 Stainless Steel, Add	18.46	
			For 316 Stainless Steel, Add	21.15	
05 59 69 00-0017	SF		0.177" Thick Wire, 1-3/4" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	13.66	4.04
			For Up To 2, Add	3.81	
			For >2 To 6, Add	2.17	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.24	
			For Galvanized, Add	3.64	
			For Aluminum, Add	4.96	
			For 304 Stainless Steel, Add	19.85	
			For 316 Stainless Steel, Add	22.74	
05 59 69 00-0018	SF		0.192" Thick Wire, 1-3/4" Spacing, 1.22 LB/SF Woven And Welded Wire Cloth Panels	15.73	4.52
			For Up To 2, Add	4.35	
			For >2 To 6, Add	2.48	
			For >15 To 40, Deduct	-0.49	
			For >40, Deduct	-1.46	
			For Galvanized, Add	4.27	
			For Aluminum, Add	5.82	
			For 304 Stainless Steel, Add	23.28	
			For 316 Stainless Steel, Add	26.68	
05 59 69 00-0019	SF		0.207" Thick Wire, 1-3/4" Spacing, 1.41 LB/SF Woven And Welded Wire Cloth Panels	17.83	4.96
			For Up To 2, Add	4.89	
			For >2 To 6, Add	2.77	
			For >15 To 40, Deduct	-0.56	
			For >40, Deduct	-1.68	
			For Galvanized, Add	4.94	
			For Aluminum, Add	6.73	
			For 304 Stainless Steel, Add	26.93	
			For 316 Stainless Steel, Add	30.86	
05 59 69 00-0020	SF		0.225" Thick Wire, 1-3/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	20.47	5.51
			For Up To 2, Add	5.56	
			For >2 To 6, Add	3.15	
			For >15 To 40, Deduct	-0.66	
			For >40, Deduct	-1.97	
			For Galvanized, Add	5.77	
			For Aluminum, Add	7.87	
			For 304 Stainless Steel, Add	31.49	
			For 316 Stainless Steel, Add	36.08	
05 59 69 00-0021			1-1/2" Square Wire Spacing (05 59 69 00-0002)		
05 59 69 00-0022	SF		0.12" Thick Wire, 1-1/2" Spacing, 0.57 LB/SF Woven And Welded Wire Cloth Panels	11.20	3.29
			For Up To 2, Add	3.11	
			For >2 To 6, Add	1.78	
			For >15 To 40, Deduct	-0.34	
			For >40, Deduct	-1.02	
			For Galvanized, Add	3.01	
			For Aluminum, Add	4.10	
			For 304 Stainless Steel, Add	16.39	
			For 316 Stainless Steel, Add	18.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0023 SF 0.135" Thick Wire, 1-1/2" Spacing, 0.72 LB/SF Woven And Welded Wire Cloth Panels	12.32	3.45
For Up To 2, Add	3.38	
For >2 To 6, Add	1.92	
For >15 To 40, Deduct	-0.39	
For >40, Deduct	-1.16	
For Galvanized, Add	3.40	
For Aluminum, Add	4.63	
For 304 Stainless Steel, Add	18.53	
For 316 Stainless Steel, Add	21.23	
05 59 69 00-0024 SF 0.148" Thick Wire, 1-1/2" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.08	3.83
For Up To 2, Add	3.64	
For >2 To 6, Add	2.07	
For >15 To 40, Deduct	-0.40	
For >40, Deduct	-1.20	
For Galvanized, Add	3.51	
For Aluminum, Add	4.79	
For 304 Stainless Steel, Add	19.15	
For 316 Stainless Steel, Add	21.95	
05 59 69 00-0025 SF 0.162" Thick Wire, 1-1/2" Spacing, 1.02 LB/SF Woven And Welded Wire Cloth Panels	13.80	3.98
For Up To 2, Add	3.82	
For >2 To 6, Add	2.18	
For >15 To 40, Deduct	-0.42	
For >40, Deduct	-1.27	
For Galvanized, Add	3.74	
For Aluminum, Add	5.09	
For 304 Stainless Steel, Add	20.38	
For 316 Stainless Steel, Add	23.35	
05 59 69 00-0026 SF 0.177" Thick Wire, 1-1/2" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	15.03	4.45
For Up To 2, Add	4.19	
For >2 To 6, Add	2.39	
For >15 To 40, Deduct	-0.45	
For >40, Deduct	-1.36	
For Galvanized, Add	4.00	
For Aluminum, Add	5.45	
For 304 Stainless Steel, Add	21.82	
For 316 Stainless Steel, Add	25.00	
05 59 69 00-0027 SF 0.192" Thick Wire, 1-1/2" Spacing, 1.4 LB/SF Woven And Welded Wire Cloth Panels	17.19	4.94
For Up To 2, Add	4.75	
For >2 To 6, Add	2.71	
For >15 To 40, Deduct	-0.53	
For >40, Deduct	-1.59	
For Galvanized, Add	4.67	
For Aluminum, Add	6.37	
For 304 Stainless Steel, Add	25.46	
For 316 Stainless Steel, Add	29.18	
05 59 69 00-0028 SF 0.207" Thick Wire, 1-1/2" Spacing, 1.62 LB/SF Woven And Welded Wire Cloth Panels	19.50	5.42
For Up To 2, Add	5.35	
For >2 To 6, Add	3.03	
For >15 To 40, Deduct	-0.61	
For >40, Deduct	-1.84	
For Galvanized, Add	5.40	
For Aluminum, Add	7.36	
For 304 Stainless Steel, Add	29.45	
For 316 Stainless Steel, Add	33.74	
05 59 69 00-0029 SF 0.225" Thick Wire, 1-1/2" Spacing, 1.89 LB/SF Woven And Welded Wire Cloth Panels	22.33	6.02
For Up To 2, Add	6.07	
For >2 To 6, Add	3.43	
For >15 To 40, Deduct	-0.72	
For >40, Deduct	-2.15	
For Galvanized, Add	6.30	
For Aluminum, Add	8.59	
For 304 Stainless Steel, Add	34.37	
For 316 Stainless Steel, Add	39.38	
05 59 69 00-0030 1-1/4" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0031 SF 0.105" Thick Wire, 1-1/4" Spacing, 0.52 LB/SF Woven And Welded Wire Cloth Panels	11.43	3.55
For Up To 2, Add	3.23	
For >2 To 6, Add	1.85	
For >15 To 40, Deduct	-0.33	
For >40, Deduct	-1.00	
For Galvanized, Add	2.94	
For Aluminum, Add	4.01	
For 304 Stainless Steel, Add	16.06	
For 316 Stainless Steel, Add	18.40	
05 59 69 00-0032 SF 0.12" Thick Wire, 1-1/4" Spacing, 0.68 LB/SF Woven And Welded Wire Cloth Panels	12.38	3.72
For Up To 2, Add	3.47	
For >2 To 6, Add	1.98	
For >15 To 40, Deduct	-0.37	
For >40, Deduct	-1.11	
For Galvanized, Add	3.26	
For Aluminum, Add	4.45	
For 304 Stainless Steel, Add	17.78	
For 316 Stainless Steel, Add	20.38	

05 Metals**05 50 Metal Fabrications**

05 59 Metal Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0033	SF		0.135" Thick Wire, 1-1/4" Spacing, 0.85 LB/SF Woven And Welded Wire Cloth Panels	13.47	3.88
			For Up To 2, Add	3.73	
			For >2 To 6, Add	2.12	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.24	
			For Galvanized, Add	3.65	
			For Aluminum, Add	4.97	
			For 304 Stainless Steel, Add	19.90	
			For 316 Stainless Steel, Add	22.80	
05 59 69 00-0034	SF		0.148" Thick Wire, 1-1/4" Spacing, 1.01 LB/SF Woven And Welded Wire Cloth Panels	13.89	3.95
			For Up To 2, Add	3.83	
			For >2 To 6, Add	2.18	
			For >15 To 40, Deduct	-0.43	
			For >40, Deduct	-1.29	
			For Galvanized, Add	3.79	
			For Aluminum, Add	5.17	
			For 304 Stainless Steel, Add	20.69	
			For 316 Stainless Steel, Add	23.71	
05 59 69 00-0035	SF		0.162" Thick Wire, 1-1/4" Spacing, 1.2 LB/SF Woven And Welded Wire Cloth Panels	15.03	4.46
			For Up To 2, Add	4.20	
			For >2 To 6, Add	2.40	
			For >15 To 40, Deduct	-0.45	
			For >40, Deduct	-1.36	
			For Galvanized, Add	4.00	
			For Aluminum, Add	5.45	
			For 304 Stainless Steel, Add	21.79	
			For 316 Stainless Steel, Add	24.97	
05 59 69 00-0036	SF		0.177" Thick Wire, 1-1/4" Spacing, 1.42 LB/SF Woven And Welded Wire Cloth Panels	16.93	5.02
			For Up To 2, Add	4.72	
			For >2 To 6, Add	2.70	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.54	
			For Galvanized, Add	4.51	
			For Aluminum, Add	6.14	
			For 304 Stainless Steel, Add	24.58	
			For 316 Stainless Steel, Add	28.16	
05 59 69 00-0037	SF		0.192" Thick Wire, 1-1/4" Spacing, 1.65 LB/SF Woven And Welded Wire Cloth Panels	19.28	5.54
			For Up To 2, Add	5.33	
			For >2 To 6, Add	3.04	
			For >15 To 40, Deduct	-0.60	
			For >40, Deduct	-1.79	
			For Galvanized, Add	5.24	
			For Aluminum, Add	7.14	
			For 304 Stainless Steel, Add	28.56	
			For 316 Stainless Steel, Add	32.73	
05 59 69 00-0038	SF		0.207" Thick Wire, 1-1/4" Spacing, 1.9 LB/SF Woven And Welded Wire Cloth Panels	21.78	6.06
			For Up To 2, Add	5.97	
			For >2 To 6, Add	3.39	
			For >15 To 40, Deduct	-0.69	
			For >40, Deduct	-2.06	
			For Galvanized, Add	6.03	
			For Aluminum, Add	8.23	
			For 304 Stainless Steel, Add	32.90	
			For 316 Stainless Steel, Add	37.70	
05 59 69 00-0039	SF		0.225" Thick Wire, 1-1/4" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	24.98	6.72
			For Up To 2, Add	6.79	
			For >2 To 6, Add	3.84	
			For >15 To 40, Deduct	-0.80	
			For >40, Deduct	-2.40	
			For Galvanized, Add	7.05	
			For Aluminum, Add	9.61	
			For 304 Stainless Steel, Add	38.45	
			For 316 Stainless Steel, Add	44.06	
05 59 69 00-0040			1" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0041	SF		0.105" Thick Wire, 1" Spacing, 0.64 LB/SF Woven And Welded Wire Cloth Panels	13.03	4.16
			For Up To 2, Add	3.71	
			For >2 To 6, Add	2.13	
			For >15 To 40, Deduct	-0.37	
			For >40, Deduct	-1.12	
			For Galvanized, Add	3.30	
			For Aluminum, Add	4.49	
			For 304 Stainless Steel, Add	17.98	
			For 316 Stainless Steel, Add	20.60	
05 59 69 00-0042	SF		0.12" Thick Wire, 1" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	13.99	4.32
			For Up To 2, Add	3.95	
			For >2 To 6, Add	2.26	
			For >15 To 40, Deduct	-0.41	
			For >40, Deduct	-1.23	
			For Galvanized, Add	3.62	
			For Aluminum, Add	4.93	
			For 304 Stainless Steel, Add	19.73	
			For 316 Stainless Steel, Add	22.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0043 SF 0.135" Thick Wire, 1" Spacing, 1.04 LB/SF Woven And Welded Wire Cloth Panels	14.58	4.52
<i>For Up To 2, Add</i>	4.12	
<i>For >2 To 6, Add</i>	2.36	
<i>For >15 To 40, Deduct</i>	-0.43	
<i>For >40, Deduct</i>	-1.28	
<i>For Galvanized, Add</i>	3.76	
<i>For Aluminum, Add</i>	5.12	
<i>For 304 Stainless Steel, Add</i>	20.50	
<i>For 316 Stainless Steel, Add</i>	23.49	
05 59 69 00-0044 SF 0.148" Thick Wire, 1" Spacing, 1.23 LB/SF Woven And Welded Wire Cloth Panels	15.66	4.58
<i>For Up To 2, Add</i>	4.36	
<i>For >2 To 6, Add</i>	2.48	
<i>For >15 To 40, Deduct</i>	-0.48	
<i>For >40, Deduct</i>	-1.43	
<i>For Galvanized, Add</i>	4.20	
<i>For Aluminum, Add</i>	5.72	
<i>For 304 Stainless Steel, Add</i>	22.90	
<i>For 316 Stainless Steel, Add</i>	26.24	
05 59 69 00-0045 SF 0.162" Thick Wire, 1" Spacing, 1.46 LB/SF Woven And Welded Wire Cloth Panels	17.41	5.16
<i>For Up To 2, Add</i>	4.86	
<i>For >2 To 6, Add</i>	2.77	
<i>For >15 To 40, Deduct</i>	-0.53	
<i>For >40, Deduct</i>	-1.58	
<i>For Galvanized, Add</i>	4.63	
<i>For Aluminum, Add</i>	6.31	
<i>For 304 Stainless Steel, Add</i>	25.25	
<i>For 316 Stainless Steel, Add</i>	28.93	
05 59 69 00-0046 SF 0.177" Thick Wire, 1" Spacing, 1.72 LB/SF Woven And Welded Wire Cloth Panels	19.54	5.79
<i>For Up To 2, Add</i>	5.45	
<i>For >2 To 6, Add</i>	3.11	
<i>For >15 To 40, Deduct</i>	-0.59	
<i>For >40, Deduct</i>	-1.77	
<i>For Galvanized, Add</i>	5.20	
<i>For Aluminum, Add</i>	7.09	
<i>For 304 Stainless Steel, Add</i>	28.37	
<i>For 316 Stainless Steel, Add</i>	32.51	
05 59 69 00-0047 SF 0.192" Thick Wire, 1" Spacing, 2.01 LB/SF Woven And Welded Wire Cloth Panels	22.38	6.42
<i>For Up To 2, Add</i>	6.19	
<i>For >2 To 6, Add</i>	3.52	
<i>For >15 To 40, Deduct</i>	-0.69	
<i>For >40, Deduct</i>	-2.07	
<i>For Galvanized, Add</i>	6.08	
<i>For Aluminum, Add</i>	8.29	
<i>For 304 Stainless Steel, Add</i>	33.14	
<i>For 316 Stainless Steel, Add</i>	37.98	
05 59 69 00-0048 SF 0.207" Thick Wire, 1" Spacing, 2.31 LB/SF Woven And Welded Wire Cloth Panels	25.21	7.01
<i>For Up To 2, Add</i>	6.91	
<i>For >2 To 6, Add</i>	3.92	
<i>For >15 To 40, Deduct</i>	-0.79	
<i>For >40, Deduct</i>	-2.38	
<i>For Galvanized, Add</i>	6.98	
<i>For Aluminum, Add</i>	9.52	
<i>For 304 Stainless Steel, Add</i>	38.09	
<i>For 316 Stainless Steel, Add</i>	43.64	
05 59 69 00-0049 SF 0.225" Thick Wire, 1" Spacing, 2.69 LB/SF Woven And Welded Wire Cloth Panels	28.82	7.76
<i>For Up To 2, Add</i>	7.83	
<i>For >2 To 6, Add</i>	4.43	
<i>For >15 To 40, Deduct</i>	-0.92	
<i>For >40, Deduct</i>	-2.77	
<i>For Galvanized, Add</i>	8.13	
<i>For Aluminum, Add</i>	11.09	
<i>For 304 Stainless Steel, Add</i>	44.35	
<i>For 316 Stainless Steel, Add</i>	50.82	
05 59 69 00-0050 3/4" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0051 SF 0.105" Thick Wire, 3/4" Spacing, 0.83 LB/SF Woven And Welded Wire Cloth Panels	13.20	4.15
<i>For Up To 2, Add</i>	3.75	
<i>For >2 To 6, Add</i>	2.15	
<i>For >15 To 40, Deduct</i>	-0.38	
<i>For >40, Deduct</i>	-1.15	
<i>For Galvanized, Add</i>	3.37	
<i>For Aluminum, Add</i>	4.60	
<i>For 304 Stainless Steel, Add</i>	18.41	
<i>For 316 Stainless Steel, Add</i>	21.09	
05 59 69 00-0052 SF 0.12" Thick Wire, 3/4" Spacing, 1.07 LB/SF Woven And Welded Wire Cloth Panels	14.74	4.66
<i>For Up To 2, Add</i>	4.19	
<i>For >2 To 6, Add</i>	2.40	
<i>For >15 To 40, Deduct</i>	-0.43	
<i>For >40, Deduct</i>	-1.28	
<i>For Galvanized, Add</i>	3.76	
<i>For Aluminum, Add</i>	5.12	
<i>For 304 Stainless Steel, Add</i>	20.50	
<i>For 316 Stainless Steel, Add</i>	23.49	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0053	SF		0.135" Thick Wire, 3/4" Spacing, 1.33 LB/SF Woven And Welded Wire Cloth Panels	16.29	5.26
			For Up To 2, Add	4.66	
			For >2 To 6, Add	2.68	
			For >15 To 40, Deduct	-0.46	
			For >40, Deduct	-1.39	
			For Galvanized, Add	4.09	
			For Aluminum, Add	5.57	
			For 304 Stainless Steel, Add	22.30	
			For 316 Stainless Steel, Add	25.55	
05 59 69 00-0054	SF		0.148" Thick Wire, 3/4" Spacing, 1.58 LB/SF Woven And Welded Wire Cloth Panels	17.64	5.60
			For Up To 2, Add	5.02	
			For >2 To 6, Add	2.89	
			For >15 To 40, Deduct	-0.51	
			For >40, Deduct	-1.52	
			For Galvanized, Add	4.47	
			For Aluminum, Add	6.10	
			For 304 Stainless Steel, Add	24.38	
			For 316 Stainless Steel, Add	27.94	
05 59 69 00-0055	SF		0.162" Thick Wire, 3/4" Spacing, 1.87 LB/SF Woven And Welded Wire Cloth Panels	20.43	6.31
			For Up To 2, Add	5.77	
			For >2 To 6, Add	3.30	
			For >15 To 40, Deduct	-0.60	
			For >40, Deduct	-1.80	
			For Galvanized, Add	5.29	
			For Aluminum, Add	7.21	
			For 304 Stainless Steel, Add	28.85	
			For 316 Stainless Steel, Add	33.06	
05 59 69 00-0056	SF		0.177" Thick Wire, 3/4" Spacing, 2.2 LB/SF Woven And Welded Wire Cloth Panels	23.54	7.05
			For Up To 2, Add	6.59	
			For >2 To 6, Add	3.76	
			For >15 To 40, Deduct	-0.71	
			For >40, Deduct	-2.12	
			For Galvanized, Add	6.22	
			For Aluminum, Add	8.48	
			For 304 Stainless Steel, Add	33.94	
			For 316 Stainless Steel, Add	38.89	
05 59 69 00-0057	SF		0.192" Thick Wire, 3/4" Spacing, 2.56 LB/SF Woven And Welded Wire Cloth Panels	26.84	7.79
			For Up To 2, Add	7.45	
			For >2 To 6, Add	4.24	
			For >15 To 40, Deduct	-0.82	
			For >40, Deduct	-2.47	
			For Galvanized, Add	7.24	
			For Aluminum, Add	9.87	
			For 304 Stainless Steel, Add	39.48	
			For 316 Stainless Steel, Add	45.24	
05 59 69 00-0058	SF		0.207" Thick Wire, 3/4" Spacing, 2.93 LB/SF Woven And Welded Wire Cloth Panels	30.12	8.47
			For Up To 2, Add	8.28	
			For >2 To 6, Add	4.71	
			For >15 To 40, Deduct	-0.94	
			For >40, Deduct	-2.82	
			For Galvanized, Add	8.29	
			For Aluminum, Add	11.30	
			For 304 Stainless Steel, Add	45.19	
			For 316 Stainless Steel, Add	51.78	
05 59 69 00-0059	SF		0.225" Thick Wire, 3/4" Spacing, 3.41 LB/SF Woven And Welded Wire Cloth Panels	34.41	9.37
			For Up To 2, Add	9.38	
			For >2 To 6, Add	5.31	
			For >15 To 40, Deduct	-1.10	
			For >40, Deduct	-3.29	
			For Galvanized, Add	9.64	
			For Aluminum, Add	13.15	
			For 304 Stainless Steel, Add	52.61	
			For 316 Stainless Steel, Add	60.28	
05 59 69 00-0060			1/2" Square Wire Spacing <small>(05 59 69 00-0002)</small>		
05 59 69 00-0061	SF		0.105" Thick Wire, 1/2" Spacing, 1.18 LB/SF Woven And Welded Wire Cloth Panels	13.77	4.44
			For Up To 2, Add	3.94	
			For >2 To 6, Add	2.27	
			For >15 To 40, Deduct	-0.39	
			For >40, Deduct	-1.18	
			For Galvanized, Add	3.45	
			For Aluminum, Add	4.71	
			For 304 Stainless Steel, Add	18.84	
			For 316 Stainless Steel, Add	21.59	
05 59 69 00-0062	SF		0.12" Thick Wire, 1/2" Spacing, 1.51 LB/SF Woven And Welded Wire Cloth Panels	16.08	5.39
			For Up To 2, Add	4.66	
			For >2 To 6, Add	2.69	
			For >15 To 40, Deduct	-0.44	
			For >40, Deduct	-1.33	
			For Galvanized, Add	3.90	
			For Aluminum, Add	5.32	
			For 304 Stainless Steel, Add	21.29	
			For 316 Stainless Steel, Add	24.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0063 SF 0.135" Thick Wire, 1/2" Spacing, 1.88 LB/SF Woven And Welded Wire Cloth Panels	19.45	6.39
For Up To 2, Add	5.59	
For >2 To 6, Add	3.22	
For >15 To 40, Deduct	-0.55	
For >40, Deduct	-1.64	
For Galvanized, Add	4.81	
For Aluminum, Add	6.56	
For 304 Stainless Steel, Add	26.26	
For 316 Stainless Steel, Add	30.09	
05 59 69 00-0064 SF 0.148" Thick Wire, 1/2" Spacing, 2.22 LB/SF Woven And Welded Wire Cloth Panels	22.47	7.17
For Up To 2, Add	6.40	
For >2 To 6, Add	3.68	
For >15 To 40, Deduct	-0.65	
For >40, Deduct	-1.94	
For Galvanized, Add	5.68	
For Aluminum, Add	7.75	
For 304 Stainless Steel, Add	31.01	
For 316 Stainless Steel, Add	35.53	
05 59 69 00-0065 SF 0.162" Thick Wire, 1/2" Spacing, 2.61 LB/SF Woven And Welded Wire Cloth Panels	25.85	8.00
For Up To 2, Add	7.30	
For >2 To 6, Add	4.18	
For >15 To 40, Deduct	-0.76	
For >40, Deduct	-2.28	
For Galvanized, Add	6.68	
For Aluminum, Add	9.11	
For 304 Stainless Steel, Add	36.46	
For 316 Stainless Steel, Add	41.77	
05 59 69 00-0066 SF 0.177" Thick Wire, 1/2" Spacing, 3.06 LB/SF Woven And Welded Wire Cloth Panels	29.69	8.91
For Up To 2, Add	8.32	
For >2 To 6, Add	4.75	
For >15 To 40, Deduct	-0.89	
For >40, Deduct	-2.67	
For Galvanized, Add	7.83	
For Aluminum, Add	10.68	
For 304 Stainless Steel, Add	42.72	
For 316 Stainless Steel, Add	48.95	
05 59 69 00-0067 SF 0.192" Thick Wire, 1/2" Spacing, 3.54 LB/SF Woven And Welded Wire Cloth Panels	33.66	9.80
For Up To 2, Add	9.34	
For >2 To 6, Add	5.33	
For >15 To 40, Deduct	-1.03	
For >40, Deduct	-3.09	
For Galvanized, Add	9.06	
For Aluminum, Add	12.36	
For 304 Stainless Steel, Add	49.44	
For 316 Stainless Steel, Add	56.65	
05 59 69 00-0068 SF 0.207" Thick Wire, 1/2" Spacing, 4.04 LB/SF Woven And Welded Wire Cloth Panels	37.66	10.62
For Up To 2, Add	10.36	
For >2 To 6, Add	5.89	
For >15 To 40, Deduct	-1.18	
For >40, Deduct	-3.53	
For Galvanized, Add	10.34	
For Aluminum, Add	14.10	
For 304 Stainless Steel, Add	56.40	
For 316 Stainless Steel, Add	64.63	
05 59 69 00-0069 SF 0.225" Thick Wire, 1/2" Spacing, 4.68 LB/SF Woven And Welded Wire Cloth Panels	39.08	11.69
For Up To 2, Add	10.93	
For >2 To 6, Add	6.25	
For >15 To 40, Deduct	-1.18	
For >40, Deduct	-3.53	
For Galvanized, Add	10.34	
For Aluminum, Add	14.10	
For 304 Stainless Steel, Add	56.40	
For 316 Stainless Steel, Add	64.63	
05 59 69 00-0070 Expanded Metal Panels <small>(05 59 69)</small>		
Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0071 Plain Flattened Expanded Metal Diamond Shape Panels <small>(05 59 69 00-0070)</small>		
Note: Excludes frame and fastening to frame. See CSI section 05 05 21 00-0004 for spot welding.		
05 59 69 00-0072 SF 1/4" #20-F Plain Expanded Metal Panel, 0.82 LB/SF	10.80	3.83
For Galvanized, Add	2.51	
For Aluminum, Add	3.42	
For 304 Stainless Steel, Add	13.68	
For 316 Stainless Steel, Add	15.68	
05 59 69 00-0073 SF 1/4" #18-F Plain Expanded Metal Panel, 1.08 LB/SF	13.65	4.19
For Galvanized, Add	3.55	
For Aluminum, Add	4.84	
For 304 Stainless Steel, Add	19.34	
For 316 Stainless Steel, Add	22.17	
05 59 69 00-0074 SF 1/2" #20-F Plain Expanded Metal Panel, 0.40 LB/SF	7.77	2.96
For Galvanized, Add	1.69	
For Aluminum, Add	2.30	
For 304 Stainless Steel, Add	9.19	
For 316 Stainless Steel, Add	10.53	

05 Metals**05 50 Metal Fabrications****05 59 Metal Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 59 69 00-0075	SF		1/2" #18-F Plain Expanded Metal Panel, 0.66 LB/SF	8.48	3.23
			For Galvanized, Add	1.84	
			For Aluminum, Add	2.51	
			For 304 Stainless Steel, Add	10.06	
			For 316 Stainless Steel, Add	11.52	
05 59 69 00-0076	SF		1/2" #16-F Plain Expanded Metal Panel, 0.82 LB/SF	9.58	3.83
			For Galvanized, Add	1.97	
			For Aluminum, Add	2.69	
			For 304 Stainless Steel, Add	10.75	
			For 316 Stainless Steel, Add	12.32	
05 59 69 00-0077	SF		1/2" #13-F Plain Expanded Metal Panel, 1.4 LB/SF	12.27	4.94
			For Galvanized, Add	2.50	
			For Aluminum, Add	3.41	
			For 304 Stainless Steel, Add	13.66	
			For 316 Stainless Steel, Add	15.65	
05 59 69 00-0078	SF		3/4" #16-F Plain Expanded Metal Panel, 0.51 LB/SF	6.74	2.90
			For Galvanized, Add	1.26	
			For Aluminum, Add	1.72	
			For 304 Stainless Steel, Add	6.86	
			For 316 Stainless Steel, Add	7.87	
05 59 69 00-0079	SF		3/4" #14-F Plain Expanded Metal Panel, 0.63 LB/SF	7.56	3.11
			For Galvanized, Add	1.50	
			For Aluminum, Add	2.04	
			For 304 Stainless Steel, Add	8.16	
			For 316 Stainless Steel, Add	9.35	
05 59 69 00-0080	SF		3/4" #13-F Plain Expanded Metal Panel, 0.75 LB/SF	8.65	3.49
			For Galvanized, Add	1.75	
			For Aluminum, Add	2.39	
			For 304 Stainless Steel, Add	9.55	
			For 316 Stainless Steel, Add	10.95	
05 59 69 00-0081	SF		3/4" #9-F Plain Expanded Metal Panel, 1.50 LB/SF	13.60	5.79
			For Galvanized, Add	2.59	
			For Aluminum, Add	3.53	
			For 304 Stainless Steel, Add	14.11	
			For 316 Stainless Steel, Add	16.17	
05 59 69 00-0082	SF		1" #16-F Plain Expanded Metal Panel, 0.41 LB/SF	7.51	3.55
			For Galvanized, Add	1.22	
			For Aluminum, Add	1.66	
			For 304 Stainless Steel, Add	6.65	
			For 316 Stainless Steel, Add	7.62	
05 59 69 00-0083	SF		1-1/2" #16-F Plain Expanded Metal Panel, 0.38 LB/SF	6.50	2.79
			For Galvanized, Add	1.22	
			For Aluminum, Add	1.67	
			For 304 Stainless Steel, Add	6.67	
			For 316 Stainless Steel, Add	7.65	
05 59 69 00-0084	SF		1-1/2" #13-F Plain Expanded Metal Panel, 0.57 LB/SF	7.50	3.29
			For Galvanized, Add	1.38	
			For Aluminum, Add	1.88	
			For 304 Stainless Steel, Add	7.51	
			For 316 Stainless Steel, Add	8.61	
05 59 69 00-0085	SF		1-1/2" #9-F Plain Expanded Metal Panel, 1.14 LB/SF	11.70	4.44
			For Galvanized, Add	2.54	
			For Aluminum, Add	3.47	
			For 304 Stainless Steel, Add	13.87	
			For 316 Stainless Steel, Add	15.90	

05 70 Decorative Metal ⁽⁰⁵⁾

Note: Includes anchors and related accessories.

05 71 Decorative Metal Stairs ^(05 70)**05 71 13 Fabricated Metal Spiral Stairs** ^(05 71)

Note: Includes factory prime.

05 71 13 00-0001 Spiral Stairs, Stock Units ^(05 71 13)

Note: Includes factory prime.

05 71 13 00-0002 Steel Tread ^(05 71 13 00-0001)

05 71 13 00-0003	VLF		3'-6" Diameter, Spiral Steel Stair With Rails	466.61	50.84
			For Galvanized, Add	255.45	
05 71 13 00-0004	VLF		4' Diameter, Spiral Steel Stair With Rails	531.94	55.92
			For Galvanized, Add	294.07	
05 71 13 00-0005	VLF		4'-6" Diameter, Spiral Steel Stair With Rails	588.78	61.01
			For Galvanized, Add	326.74	
05 71 13 00-0006	VLF		5' Diameter, Spiral Steel Stair With Rails	630.79	66.09
			For Galvanized, Add	349.02	

05 73 Decorative Metal Railings ^(05 70)

Note: Factory primed. Includes brackets.

05 73 23 Decorative Metal Railings ^(05 73)**05 73 23 00-0001 Railings; Vertical Square Bars At 6"** ^(05 73 23)

Note: Centers with shaped top rails (round, square, rectangular, diamond, triangular or other shape).

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 73 23 00-0002 LF Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	69.07	11.18
For Rake Or Angle Railings, Add	9.70	
For Curved Railings, Add	18.04	
For 4" On Center Standards, Add	1.80	
For 4-1/2" On Center Standards, Add	1.44	
For 5" On Center Standards, Add	0.96	
For 5-1/2" On Center Standards, Add	0.48	
For Each Field Bending Of Rails, Add	13.77	
For Galvanized, Add	3.36	
05 73 23 00-0003 LF Aluminum Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	172.53	15.25
For Rake Or Angle Railings, Add	18.45	
For Curved Railings, Add	61.26	
For 4" On Center Standards, Add	8.29	
For 4-1/2" On Center Standards, Add	6.63	
For 5" On Center Standards, Add	4.42	
For 5-1/2" On Center Standards, Add	2.21	
For Each Field Bending Of Rails, Add	18.00	
05 73 23 00-0004 LF Bronze Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	249.67	25.42
For Rake Or Angle Railings, Add	26.68	
For Curved Railings, Add	88.71	
For 4" On Center Standards, Add	12.01	
For 4-1/2" On Center Standards, Add	9.61	
For 5" On Center Standards, Add	6.41	
For 5-1/2" On Center Standards, Add	3.20	
For Each Field Bending Of Rails, Add	24.87	
05 73 23 00-0005 LF Stainless Steel Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	288.65	20.34
For Rake Or Angle Railings, Add	28.47	
For Curved Railings, Add	109.24	
For 4" On Center Standards, Add	15.46	
For 4-1/2" On Center Standards, Add	12.36	
For 5" On Center Standards, Add	8.24	
For 5-1/2" On Center Standards, Add	4.12	
For Each Field Bending Of Rails, Add	23.15	
05 73 23 00-0006 LF Black Wrought Iron Ornamental Handrail Vertical Square Bars At 6", Shaped Top Rail, Up To 42" High	243.78	31.02
For Rake Or Angle Railings, Add	23.16	
For Curved Railings, Add	94.73	
For 4" On Center Standards, Add	13.63	
For 4-1/2" On Center Standards, Add	10.91	
For 5" On Center Standards, Add	7.27	
For 5-1/2" On Center Standards, Add	3.64	
For Each Field Bending Of Rails, Add	18.01	
05 73 23 00-0007 Laminated Metal Or Wood Handrails With Metal Supports (05 73 23)		
05 73 23 00-0008 LF 2-1/2" Laminated Metal Or Wood Handrail Round/Oval Shape With Metal Supports	168.23	5.08
For Rake Or Angle Railings, Add	13.16	
For Curved Railings, Add	73.29	
For 4" On Center Standards, Add	11.26	
For 4-1/2" On Center Standards, Add	9.01	
For 5" On Center Standards, Add	6.01	
For 5-1/2" On Center Standards, Add	3.00	
For Each Field Bending Of Rails, Add	7.02	
05 73 23 00-0009 Plain Handrails (05 73 23)		
05 73 23 00-0010 LF 2" Brass Handrail	55.75	10.95
05 73 23 00-0011 EA 90 Degree Angle For 2" Brass Handrail	113.60	40.18
05 73 23 00-0012 EA End Cap For 2" Brass Handrail	51.02	20.14
05 73 23 00-0013 EA Brass Bracket And Joint For 2" Brass Handrail	85.56	40.18
05 73 23 00-0014 LF 2" Stainless Steel Handrail	69.58	13.68
05 73 23 00-0015 Restoration Of Existing Metal Handrail And Railing (05 73 23)		
Note: Task includes rust removal by grinding, cleaning, surface prep and one coat of protective primer. See CSI section 09 91 13 00-0365 for painting.		
05 73 23 00-0016 LF Refinish Metal Handrail	9.74	
05 73 23 00-0017 LF Refinish Wrought Iron Balustrade	9.70	
05 73 23 00-0018 Remove And Reinstall Ornamental Railing (05 73 23)		
05 73 23 00-0019 LF Removal And Reinstallation Of Ornamental Handrail And Pickets	93.54	
05 75 Decorative Formed Metal (05 70)		
05 75 00 00-0001 Metal Sheets, Installed On Walls (05 75)		
Note: Includes field fabrication (bending) where noted.		
05 75 00 00-0002 Copper Sheets, Installed On Walls (05 75 00 00-0001)		
Note: Includes field fabrication.		
05 75 00 00-0003 SF 0.0162" (12 Ounce) Thick Copper Sheet, Installed On Walls	28.01	2.23
For >16 To 200, Deduct	-1.57	
For >200 To 500, Deduct	-3.14	
For >500, Deduct	-4.54	

05 Metals**05 70 Decorative Metal**

05 75 Decorative Formed Metal

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0004	SF		0.0215" (16 Ounce) Thick Copper Sheet, Installed On Walls	35.07	2.49
			<i>For >16 To 200, Deduct</i>	-1.94	
			<i>For >200 To 500, Deduct</i>	-3.88	
			<i>For >500, Deduct</i>	-5.63	
05 75 00 00-0005	SF		0.0242" (18 Ounce) Thick Copper Sheet, Installed On Walls	38.40	2.69
			<i>For >16 To 200, Deduct</i>	-2.12	
			<i>For >200 To 500, Deduct</i>	-4.24	
			<i>For >500, Deduct</i>	-6.16	
05 75 00 00-0006	SF		0.027" (20 Ounce) Thick Copper Sheet, Installed On Walls	41.49	2.82
			<i>For >16 To 200, Deduct</i>	-2.29	
			<i>For >200 To 500, Deduct</i>	-4.57	
			<i>For >500, Deduct</i>	-6.65	
05 75 00 00-0007	SF		0.0323" (24 Ounce) Thick Copper Sheet, Installed On Walls	47.40	2.95
			<i>For >16 To 200, Deduct</i>	-2.59	
			<i>For >200 To 500, Deduct</i>	-5.18	
			<i>For >500, Deduct</i>	-7.55	
05 75 00 00-0008	SF		0.0431" (32 Ounce) Thick Copper Sheet, Installed On Walls	60.26	3.09
			<i>For >16 To 200, Deduct</i>	-3.25	
			<i>For >200 To 500, Deduct</i>	-6.49	
			<i>For >500, Deduct</i>	-9.50	
05 75 00 00-0009	SF		0.052" (40 Ounce) Thick Copper Sheet, Installed On Walls	70.73	3.23
			<i>For >16 To 200, Deduct</i>	-3.78	
			<i>For >200 To 500, Deduct</i>	-7.56	
			<i>For >500, Deduct</i>	-11.09	
05 75 00 00-0010	SF		0.0646" (48 Ounce) Thick Copper Sheet, Installed On Walls	85.77	3.49
			<i>For >16 To 200, Deduct</i>	-4.55	
			<i>For >200 To 500, Deduct</i>	-9.10	
			<i>For >500, Deduct</i>	-13.39	
05 75 00 00-0011	SF		0.08" Thick Copper Sheet, Installed On Walls	105.53	3.76
			<i>For >16 To 200, Deduct</i>	-5.56	
			<i>For >200 To 500, Deduct</i>	-11.12	
			<i>For >500, Deduct</i>	-16.39	
05 75 00 00-0012	SF		0.125" Thick Copper Sheet, Installed On Walls	155.43	4.03
			<i>For >16 To 200, Deduct</i>	-8.07	
			<i>For >200 To 500, Deduct</i>	-16.15	
			<i>For >500, Deduct</i>	-23.92	
05 75 00 00-0013			Stainless Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
			Note: Includes field fabrication.		
05 75 00 00-0014	SF		0.026" Thick (24 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	13.75	2.26
			<i>For >16 To 200, Deduct</i>	-0.86	
			<i>For >200 To 500, Deduct</i>	-1.71	
			<i>For >500, Deduct</i>	-2.40	
05 75 00 00-0015	SF		0.0312" Thick (22 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	15.55	2.44
			<i>For >16 To 200, Deduct</i>	-0.96	
			<i>For >200 To 500, Deduct</i>	-1.92	
			<i>For >500, Deduct</i>	-2.70	
05 75 00 00-0016	SF		0.0375" Thick (20 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	16.92	2.56
			<i>For >16 To 200, Deduct</i>	-1.04	
			<i>For >200 To 500, Deduct</i>	-2.08	
			<i>For >500, Deduct</i>	-2.92	
05 75 00 00-0017	SF		0.050" Thick (18 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	19.77	2.68
			<i>For >16 To 200, Deduct</i>	-1.19	
			<i>For >200 To 500, Deduct</i>	-2.38	
			<i>For >500, Deduct</i>	-3.37	
05 75 00 00-0018	SF		0.0625" Thick (16 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	22.54	2.80
			<i>For >16 To 200, Deduct</i>	-1.34	
			<i>For >200 To 500, Deduct</i>	-2.67	
			<i>For >500, Deduct</i>	-3.80	
05 75 00 00-0019	SF		0.078" Thick (14 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	26.03	2.92
			<i>For >16 To 200, Deduct</i>	-1.52	
			<i>For >200 To 500, Deduct</i>	-3.04	
			<i>For >500, Deduct</i>	-4.34	
05 75 00 00-0020	SF		0.125" Thick (11 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	37.35	3.41
			<i>For >16 To 200, Deduct</i>	-2.12	
			<i>For >200 To 500, Deduct</i>	-4.25	
			<i>For >500, Deduct</i>	-6.12	
05 75 00 00-0021	SF		3/16" Thick (7 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	50.37	3.62
			<i>For >16 To 200, Deduct</i>	-2.79	
			<i>For >200 To 500, Deduct</i>	-5.58	
			<i>For >500, Deduct</i>	-8.10	
05 75 00 00-0022	SF		1/4" Thick (3 Gauge) 304 Brushed Stainless Steel Sheet, Installed On Walls	68.88	4.39
			<i>For >16 To 200, Deduct</i>	-3.77	
			<i>For >200 To 500, Deduct</i>	-7.55	
			<i>For >500, Deduct</i>	-10.99	
05 75 00 00-0023	SF		3/8" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	114.79	4.71
			<i>For >16 To 200, Deduct</i>	-6.09	
			<i>For >200 To 500, Deduct</i>	-12.19	
			<i>For >500, Deduct</i>	-17.92	
05 75 00 00-0024	SF		1/2" Thick 304 Brushed Stainless Steel Sheet, Installed On Walls	146.80	5.48
			<i>For >16 To 200, Deduct</i>	-7.75	
			<i>For >200 To 500, Deduct</i>	-15.50	
			<i>For >500, Deduct</i>	-22.84	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	05 75 00 00-0025			Aluminum Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
				Note: Includes field fabrication.		
	05 75 00 00-0026	SF		0.016" Thick (26 Gauge) Aluminum Sheet, Installed On Walls.....	10.03	2.23
				For >16 To 200, Deduct	-0.67	
				For >200 To 500, Deduct	-1.34	
				For >500, Deduct	-1.84	
	05 75 00 00-0027	SF		0.020" Thick (24 Gauge) Aluminum Sheet, Installed On Walls.....	11.36	2.49
				For >16 To 200, Deduct	-0.75	
				For >200 To 500, Deduct	-1.51	
				For >500, Deduct	-2.08	
	05 75 00 00-0028	SF		0.025" Thick (22 Gauge) Aluminum Sheet, Installed On Walls.....	12.64	2.69
				For >16 To 200, Deduct	-0.83	
				For >200 To 500, Deduct	-1.67	
				For >500, Deduct	-2.30	
	05 75 00 00-0029	SF		0.032" Thick (20 Gauge) Aluminum Sheet, Installed On Walls.....	13.94	2.82
				For >16 To 200, Deduct	-0.91	
				For >200 To 500, Deduct	-1.82	
				For >500, Deduct	-2.51	
	05 75 00 00-0030	SF		0.040" Thick (18 Gauge) Aluminum Sheet, Installed On Walls.....	15.23	2.95
				For >16 To 200, Deduct	-0.98	
				For >200 To 500, Deduct	-1.97	
				For >500, Deduct	-2.73	
	05 75 00 00-0031	SF		0.050" Thick (16 Gauge) Aluminum Sheet, Installed On Walls.....	16.66	3.09
				For >16 To 200, Deduct	-1.07	
				For >200 To 500, Deduct	-2.13	
				For >500, Deduct	-2.96	
	05 75 00 00-0032	SF		0.064" Thick (14 Gauge) Aluminum Sheet, Installed On Walls.....	18.38	3.23
				For >16 To 200, Deduct	-1.16	
				For >200 To 500, Deduct	-2.32	
				For >500, Deduct	-3.24	
	05 75 00 00-0033	SF		0.090" Thick (11 Gauge) Aluminum Sheet, Installed On Walls.....	21.84	3.76
				For >16 To 200, Deduct	-1.37	
				For >200 To 500, Deduct	-2.75	
				For >500, Deduct	-3.84	
	05 75 00 00-0034			Galvanized Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
				Note: Includes field fabrication.		
	05 75 00 00-0035	SF		0.0217" (26 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	9.40	2.23
				For >16 To 200, Deduct	-0.64	
				For >200 To 500, Deduct	-1.28	
				For >500, Deduct	-1.75	
	05 75 00 00-0036	SF		0.0276" (24 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	10.43	2.49
				For >16 To 200, Deduct	-0.71	
				For >200 To 500, Deduct	-1.42	
				For >500, Deduct	-1.94	
	05 75 00 00-0037	SF		0.0336" (22 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	11.10	2.69
				For >16 To 200, Deduct	-0.76	
				For >200 To 500, Deduct	-1.51	
				For >500, Deduct	-2.07	
	05 75 00 00-0038	SF		0.0396" (20 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	11.77	2.82
				For >16 To 200, Deduct	-0.80	
				For >200 To 500, Deduct	-1.60	
				For >500, Deduct	-2.19	
	05 75 00 00-0039	SF		0.0516" (18 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	12.65	2.95
				For >16 To 200, Deduct	-0.85	
				For >200 To 500, Deduct	-1.71	
				For >500, Deduct	-2.34	
	05 75 00 00-0040	SF		0.0635" (16 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	13.62	3.09
				For >16 To 200, Deduct	-0.91	
				For >200 To 500, Deduct	-1.83	
				For >500, Deduct	-2.51	
	05 75 00 00-0041	SF		0.0785" (14 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	15.13	3.23
				For >16 To 200, Deduct	-1.00	
				For >200 To 500, Deduct	-2.00	
				For >500, Deduct	-2.75	
	05 75 00 00-0042	SF		0.1084" (12 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	17.32	3.49
				For >16 To 200, Deduct	-1.13	
				For >200 To 500, Deduct	-2.26	
				For >500, Deduct	-3.12	
	05 75 00 00-0043	SF		0.1382" (10 Gauge) Thick Galvanized Steel Sheet, Installed On Walls.....	19.96	4.03
				For >16 To 200, Deduct	-1.30	
				For >200 To 500, Deduct	-2.60	
				For >500, Deduct	-3.60	
	05 75 00 00-0044			Galvanized Zinc-Plated Steel Sheets, Installed On Walls <small>(05 75 00 00-0001)</small>		
				Note: Includes field fabrication.		
	05 75 00 00-0045	SF		0.013" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	12.47	2.12
				For >16 To 200, Deduct	-0.84	
				For >200 To 500, Deduct	-1.67	
				For >500, Deduct	-2.29	
	05 75 00 00-0046	SF		0.016" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls.....	14.40	2.40
				For >16 To 200, Deduct	-0.96	
				For >200 To 500, Deduct	-1.92	
				For >500, Deduct	-2.64	

05 Metals**05 70 Decorative Metal**

05 75 Decorative Formed Metal

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
05 75 00 00-0047	SF		0.019" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	16.31	2.66
			<i>For >16 To 200, Deduct</i>	-1.08	
			<i>For >200 To 500, Deduct</i>	-2.16	
			<i>For >500, Deduct</i>	-2.98	
05 75 00 00-0048	SF		0.024" Thick Galvanized Zinc Plated Steel Sheet, Installed On Walls	18.01	2.88
			<i>For >16 To 200, Deduct</i>	-1.19	
			<i>For >200 To 500, Deduct</i>	-2.38	
			<i>For >500, Deduct</i>	-3.28	

END OF SECTION 05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 Wood, Plastics, and Composites

06 01 Maintenance of Wood, Plastics, and Composites ⁽⁰⁶⁾

06 01 20 Maintenance of Finish Carpentry ^(06 01)

06 01 20 91 Finish Carpentry Restoration ^(06 01 20)

06 01 20 91-0001 Wood Trim Repair ^(06 01 20 91)

06 01 20 91-0002	SF	Restoration Of Existing Decorative Woodwork	8.75
Note: Includes stripping to bare wood, filling or patching, stain or paint to match existing.			

06 01 40 Maintenance of Architectural Woodwork ^(06 01)

06 01 40 91 Architectural Woodwork Restoration ^(06 01 40)

06 01 40 91-0001 Cabinet Hardware Replacement ^(06 01 40 91)

06 01 40 91-0002	EA	Removal And Replacement Of Concealed, Full Or Half Overlay, Self Closing, Steel Cabinet Hinges	47.34
06 01 40 91-0003	EA	Removal And Replacement Of Semi Concealed, Brass Cabinet Hinges	41.03

06 05 Common Work Results for Wood, Plastics, and Composites ⁽⁰⁶⁾

06 05 23 Wood, Plastic, and Composite Fastenings ^(06 05)

Note: For additional fasteners above normal conditions, for replacing existing fasteners, for relocating existing materials or fixtures, or for different fasteners required due to load limits on standard fasteners.

06 05 23 00-0001 Threaded Anchor Bolts ^(06 05 23)

Note: Threaded on two ends with two nuts and flat washers.

06 05 23 00-0002	EA	1/2" Diameter x 4" Long, Threaded Anchor Bolt	14.95
		For >10 To 50, Deduct	-0.41
		For >50 To 100, Deduct	-0.99
		For >100 To 250, Deduct	-1.97
		For >250 To 500, Deduct	-3.37
		For >500, Deduct	-4.76
06 05 23 00-0003	EA	1/2" Diameter x 7-1/2" Long, Threaded Anchor Bolt	20.62
		For >10 To 50, Deduct	-0.44
		For >50 To 100, Deduct	-1.17
		For >100 To 250, Deduct	-2.35
		For >250 To 500, Deduct	-3.96
		For >500, Deduct	-5.58
06 05 23 00-0004	EA	3/4" Diameter x 7-1/2" Long, Threaded Anchor Bolt	22.95
		For >10 To 50, Deduct	-0.44
		For >50 To 100, Deduct	-1.23
		For >100 To 250, Deduct	-2.47
		For >250 To 500, Deduct	-4.14
		For >500, Deduct	-5.81
06 05 23 00-0005	EA	3/4" Diameter x 12" Long, Threaded Anchor Bolt	47.31
		For >10 To 50, Deduct	-0.60
		For >50 To 100, Deduct	-2.09
		For >100 To 250, Deduct	-4.17
		For >250 To 500, Deduct	-6.86
		For >500, Deduct	-9.54

06 05 23 00-0006 Framing Anchors ^(06 05 23)

Note: Including nails.

06 05 23 00-0007	EA	1-7/16" x 2-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A34)	7.20	3.43
		For >10 To 50, Deduct	-0.33	
		For >50 To 100, Deduct	-0.67	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-2.34	
		For >500, Deduct	-3.33	
06 05 23 00-0008	EA	1-7/16" x 4-1/2", 18 Gauge, Galvanized Framing Angle Anchor (Simpson Strong Tie® A35)	8.04	3.77
		For >10 To 50, Deduct	-0.37	
		For >50 To 100, Deduct	-0.75	
		For >100 To 250, Deduct	-1.50	
		For >250 To 500, Deduct	-2.62	
		For >500, Deduct	-3.74	

06 05 23 00-0009 Angle Anchors ^(06 05 23)

Note: Including nails.

06 05 23 00-0010	EA	2" x 1-1/2" x 1-3/8" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A21)	7.29	3.43
		For >10 To 50, Deduct	-0.33	
		For >50 To 100, Deduct	-0.67	
		For >100 To 250, Deduct	-1.34	
		For >250 To 500, Deduct	-2.34	
		For >500, Deduct	-3.34	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0011	EA		2" x 1-1/2" x 2-3/4" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A23).....	7.98	3.65
			<i>For >10 To 50, Deduct</i>	-0.35	
			<i>For >50 To 100, Deduct</i>	-0.72	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-2.52	
			<i>For >500, Deduct</i>	-3.59	
06 05 23 00-0012	EA		3-7/8" x 2" x 2-1/2" Wide, 12 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A24).....	13.47	3.77
			<i>For >10 To 50, Deduct</i>	-0.37	
			<i>For >50 To 100, Deduct</i>	-0.89	
			<i>For >100 To 250, Deduct</i>	-1.77	
			<i>For >250 To 500, Deduct</i>	-3.03	
			<i>For >500, Deduct</i>	-4.28	
06 05 23 00-0013	EA		3" x 3" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A33).....	12.18	3.77
			<i>For >10 To 50, Deduct</i>	-0.37	
			<i>For >50 To 100, Deduct</i>	-0.86	
			<i>For >100 To 250, Deduct</i>	-1.71	
			<i>For >250 To 500, Deduct</i>	-2.93	
			<i>For >500, Deduct</i>	-4.15	
06 05 23 00-0014	EA		4-9/16" x 4-9/16" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A44).....	13.32	4.23
			<i>For >10 To 50, Deduct</i>	-0.40	
			<i>For >50 To 100, Deduct</i>	-0.94	
			<i>For >100 To 250, Deduct</i>	-1.88	
			<i>For >250 To 500, Deduct</i>	-3.22	
			<i>For >500, Deduct</i>	-4.57	
06 05 23 00-0015	EA		5-7/8" x 5-7/8" x 1-1/2" Wide, 18 Gauge Galvanized Angle Anchor (Simpson Strong Tie® A66).....	15.07	4.46
			<i>For >10 To 50, Deduct</i>	-0.44	
			<i>For >50 To 100, Deduct</i>	-1.03	
			<i>For >100 To 250, Deduct</i>	-2.06	
			<i>For >250 To 500, Deduct</i>	-3.52	
			<i>For >500, Deduct</i>	-4.99	
06 05 23 00-0016			Reinforcing Angle Wood Construction Connectors (06 05 23)		
			Note: Including nails.		
06 05 23 00-0017	EA		3" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L30).....	7.97	3.20
			<i>For >10 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.69	
			<i>For >100 To 250, Deduct</i>	-1.38	
			<i>For >250 To 500, Deduct</i>	-2.39	
			<i>For >500, Deduct</i>	-3.41	
06 05 23 00-0018	EA		5" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L50).....	9.78	3.43
			<i>For >10 To 50, Deduct</i>	-0.35	
			<i>For >50 To 100, Deduct</i>	-0.76	
			<i>For >100 To 250, Deduct</i>	-1.53	
			<i>For >250 To 500, Deduct</i>	-2.64	
			<i>For >500, Deduct</i>	-3.75	
06 05 23 00-0019	EA		7" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L70).....	11.09	3.54
			<i>For >10 To 50, Deduct</i>	-0.36	
			<i>For >50 To 100, Deduct</i>	-0.81	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.80	
			<i>For >500, Deduct</i>	-3.97	
06 05 23 00-0020	EA		9" x 3-3/4", 16 Gauge, Galvanized Reinforcing Angle Wood Construction Connectors (Simpson Strong Tie® L90).....	12.28	3.65
			<i>For >10 To 50, Deduct</i>	-0.38	
			<i>For >50 To 100, Deduct</i>	-0.87	
			<i>For >100 To 250, Deduct</i>	-1.74	
			<i>For >250 To 500, Deduct</i>	-2.98	
			<i>For >500, Deduct</i>	-4.23	
06 05 23 00-0021	EA		3-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS30).....	8.67	3.20
			<i>For >10 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.71	
			<i>For >100 To 250, Deduct</i>	-1.41	
			<i>For >250 To 500, Deduct</i>	-2.45	
			<i>For >500, Deduct</i>	-3.48	
06 05 23 00-0022	EA		4-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS50).....	9.54	3.43
			<i>For >10 To 50, Deduct</i>	-0.35	
			<i>For >50 To 100, Deduct</i>	-0.76	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.72	
06 05 23 00-0023	EA		6-3/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS70).....	11.03	3.54
			<i>For >10 To 50, Deduct</i>	-0.36	
			<i>For >50 To 100, Deduct</i>	-0.81	
			<i>For >100 To 250, Deduct</i>	-1.62	
			<i>For >250 To 500, Deduct</i>	-2.79	
			<i>For >500, Deduct</i>	-3.96	
06 05 23 00-0024	EA		7-7/8" x 3-3/4", 18 Gauge, Galvanized Reinforcing Skewable Angle Wood Construction Connectors (Simpson Strong Tie® LS90).....	13.02	3.65
			<i>For >10 To 50, Deduct</i>	-0.38	
			<i>For >50 To 100, Deduct</i>	-0.89	
			<i>For >100 To 250, Deduct</i>	-1.78	
			<i>For >250 To 500, Deduct</i>	-3.04	
			<i>For >500, Deduct</i>	-4.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0025 Hold Down Anchors <small>(06 05 23)</small>		
Note: Including nails.		
06 05 23 00-0026 EA 8-5/8" High x 2-1/2" Wide x 2-1/4" Deep, 12 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD3B).....	56.89	
For >10 To 50, Deduct	-1.77	
For >50 To 100, Deduct	-4.08	
For >100 To 250, Deduct	-8.16	
For >250 To 500, Deduct	-14.01	
For >500, Deduct	-19.86	
06 05 23 00-0027 EA 9-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD5B).....	78.77	
For >10 To 50, Deduct	-1.83	
For >50 To 100, Deduct	-4.71	
For >100 To 250, Deduct	-9.42	
For >250 To 500, Deduct	-15.96	
For >500, Deduct	-22.50	
06 05 23 00-0028 EA 12-3/8" High x 2-1/2" Wide x 2-1/2" Deep, 10 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD7B).....	96.73	
For >10 To 50, Deduct	-1.94	
For >50 To 100, Deduct	-5.33	
For >100 To 250, Deduct	-10.66	
For >250 To 500, Deduct	-17.94	
For >500, Deduct	-25.21	
06 05 23 00-0029 EA 14" High x 2-1/2" Wide x 2-1/2" Deep, 7 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD9B).....	113.99	
For >10 To 50, Deduct	-2.17	
For >50 To 100, Deduct	-6.11	
For >100 To 250, Deduct	-12.21	
For >250 To 500, Deduct	-20.49	
For >500, Deduct	-28.76	
06 05 23 00-0030 EA 20-5/16" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD12).....	183.59	
For >10 To 50, Deduct	-2.74	
For >50 To 100, Deduct	-8.70	
For >100 To 250, Deduct	-17.41	
For >250 To 500, Deduct	-28.85	
For >500, Deduct	-40.30	
06 05 23 00-0031 EA 24-1/2" High x 3-1/2" Wide x 4-1/2" Deep, 3 Gauge, Galvanized Hold Downs (Simpson Strong Tie® HD19).....	246.10	
For >10 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-10.44	
For >100 To 250, Deduct	-20.87	
For >250 To 500, Deduct	-34.17	
For >500, Deduct	-47.46	
06 05 23 00-0032 EA 8-11/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Preflected Holdown With Screws (Simpson Strong Tie® HDU2-SDS2.5).....	66.54	
For >10 To 50, Deduct	-1.77	
For >50 To 100, Deduct	-4.32	
For >100 To 250, Deduct	-8.64	
For >250 To 500, Deduct	-14.73	
For >500, Deduct	-20.82	
06 05 23 00-0033 EA 10-15/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Preflected Holdown With Screws (Simpson Strong Tie® HDU4-SDS2.5).....	73.44	
For >10 To 50, Deduct	-1.83	
For >50 To 100, Deduct	-4.58	
For >100 To 250, Deduct	-9.16	
For >250 To 500, Deduct	-15.56	
For >500, Deduct	-21.97	
06 05 23 00-0034 EA 13-3/16" Height x 3" Wide x 3-1/4" Deep, 14 Gauge, Galvanized Preflected Holdown With Screws (Simpson Strong Tie® HDU5-SDS2.5).....	82.12	
For >10 To 50, Deduct	-1.94	
For >50 To 100, Deduct	-4.97	
For >100 To 250, Deduct	-9.93	
For >250 To 500, Deduct	-16.84	
For >500, Deduct	-23.75	
06 05 23 00-0035 EA 16-5/8" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Preflected Holdown With Screws (Simpson Strong Tie® HDU8-SDS2.5).....	101.07	
For >10 To 50, Deduct	-2.17	
For >50 To 100, Deduct	-5.78	
For >100 To 250, Deduct	-11.57	
For >250 To 500, Deduct	-19.52	
For >500, Deduct	-27.47	
06 05 23 00-0036 EA 22-1/4" Height x 3" Wide x 3-1/2" Deep, 10 Gauge, Galvanized Preflected Holdown With Screws (Simpson Strong Tie® HDU11-SDS2.5).....	130.09	
For >10 To 50, Deduct	-2.74	
For >50 To 100, Deduct	-7.37	
For >100 To 250, Deduct	-14.73	
For >250 To 500, Deduct	-24.84	
For >500, Deduct	-34.95	
06 05 23 00-0037 EA 25-11/16" Height x 3" Wide x 3-1/2" Deep, 7 Gauge, Galvanized Preflected Holdown With Screws (Simpson Strong Tie® HDU14-SDS2.5).....	145.04	
For >10 To 50, Deduct	-2.86	
For >50 To 100, Deduct	-7.91	
For >100 To 250, Deduct	-15.82	
For >250 To 500, Deduct	-26.59	
For >500, Deduct	-37.36	
06 05 23 00-0038 Joist And Beam Hangers <small>(06 05 23)</small>		
Note: Including nails.		

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0039	EA		18 Gauge, Galvanized Joist Hanger, For 2" x 4" Joist Also Acceptable For Beam Hangers (Simpson Strong Tie® LU24).....	7.63	3.20
			<i>For >10 To 50, Deduct</i>	-0.33	
			<i>For >50 To 100, Deduct</i>	-0.68	
			<i>For >100 To 250, Deduct</i>	-1.36	
			<i>For >250 To 500, Deduct</i>	-2.37	
			<i>For >500, Deduct</i>	-3.38	
06 05 23 00-0040	EA		18 Gauge, Galvanized Joist Hanger, For 2" x 6" To 2" x 10" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LU28).....	8.48	3.43
			<i>For >10 To 50, Deduct</i>	-0.35	
			<i>For >50 To 100, Deduct</i>	-0.73	
			<i>For >100 To 250, Deduct</i>	-1.46	
			<i>For >250 To 500, Deduct</i>	-2.54	
			<i>For >500, Deduct</i>	-3.62	
06 05 23 00-0041	EA		16 Gauge, Galvanized Joist Hanger, For 3" x 6" To 3" x 9" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS36).....	11.72	3.54
			<i>For >10 To 50, Deduct</i>	-0.36	
			<i>For >50 To 100, Deduct</i>	-0.83	
			<i>For >100 To 250, Deduct</i>	-1.66	
			<i>For >250 To 500, Deduct</i>	-2.85	
			<i>For >500, Deduct</i>	-4.03	
06 05 23 00-0042	EA		16 Gauge, Galvanized Joist Hanger, For 3" x 10" To 3" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® LUS310).....	12.73	3.65
			<i>For >10 To 50, Deduct</i>	-0.38	
			<i>For >50 To 100, Deduct</i>	-0.88	
			<i>For >100 To 250, Deduct</i>	-1.76	
			<i>For >250 To 500, Deduct</i>	-3.02	
			<i>For >500, Deduct</i>	-4.27	
06 05 23 00-0043	EA		14 Gauge, Galvanized Joist Hanger, For 4" x 6" To 4" x 8" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS46).....	19.21	3.88
			<i>For >10 To 50, Deduct</i>	-0.39	
			<i>For >50 To 100, Deduct</i>	-1.06	
			<i>For >100 To 250, Deduct</i>	-2.12	
			<i>For >250 To 500, Deduct</i>	-3.56	
			<i>For >500, Deduct</i>	-5.01	
06 05 23 00-0044	EA		14 Gauge, Galvanized Joist Hanger, For 4" x 10" To 4" x 14" Joist, Also Acceptable For Beam Hangers (Simpson Strong Tie® HUS412).....	22.81	4.00
			<i>For >10 To 50, Deduct</i>	-0.40	
			<i>For >50 To 100, Deduct</i>	-1.16	
			<i>For >100 To 250, Deduct</i>	-2.33	
			<i>For >250 To 500, Deduct</i>	-3.89	
			<i>For >500, Deduct</i>	-5.45	
06 05 23 00-0045			Anchor And Ties (06 05 23)		
			Note: Including nails.		
06 05 23 00-0046	EA		12-3/8" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT4).....	34.36	
			Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0047	EA		16" Long, 11 Gauge, Galvanized Heavy Tension Tie (Simpson Strong Tie® HTT5).....	42.55	
			Note: Includes nails. Excludes anchor bolt.		
06 05 23 00-0048	EA		16 Gauge, Zinc Galvanized Finish Mud sill Anchor (Simpson Strong Tie® MASAZ).....	4.66	
06 05 23 00-0049	EA		16 Gauge, Zinc Galvanized Finish Mud sill Anchor (Simpson Strong Tie® MASBZ).....	5.22	
06 05 23 00-0050			Hurricane Ties (06 05 23)		
06 05 23 00-0051	EA		6" x 1-3/8" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5A).....	8.41	3.54
			<i>For >10 To 50, Deduct</i>	-0.39	
			<i>For >50 To 100, Deduct</i>	-0.80	
			<i>For >100 To 250, Deduct</i>	-1.60	
			<i>For >250 To 500, Deduct</i>	-2.80	
			<i>For >500, Deduct</i>	-3.99	
06 05 23 00-0052	EA		6" x 1-3/8" Wide, 18 Gauge, Zinc Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2.5AZ).....	3.01	
06 05 23 00-0053	EA		6" x 1-3/8" Wide, 18 Gauge, Stainless Steel Hurricane Ties (Simpson Strong Tie® H2.5ASS).....	7.90	
06 05 23 00-0054	EA		10-7/16" x 1-1/2" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H2A).....	10.22	3.54
			<i>For >10 To 50, Deduct</i>	-0.39	
			<i>For >50 To 100, Deduct</i>	-0.85	
			<i>For >100 To 250, Deduct</i>	-1.69	
			<i>For >250 To 500, Deduct</i>	-2.93	
			<i>For >500, Deduct</i>	-4.17	
06 05 23 00-0055	EA		19-3/16" x 2-1/4" Wide, 18 Gauge, Galvanized Finish Hurricane Ties (Simpson Strong Tie® H6).....	16.59	
06 05 23 00-0056			Post Column Bases (06 05 23)		
			Note: Including nails.		
06 05 23 00-0057	EA		Adjustable And Standoff 4" x 4" Post Base, With Bolts (Simpson Strong Tie® ABA44).....	32.90	
06 05 23 00-0058	EA		Adjustable And Standoff 4" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA46).....	49.40	
06 05 23 00-0059	EA		Adjustable And Standoff 6" x 6" Post Base, With Bolts (Simpson Strong Tie® ABA66).....	50.83	
06 05 23 00-0060			Post Column Caps (06 05 23)		
			Note: Including nails.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0061 EA 4" Beam, 4" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC4).....	17.20	4.00
<i>For >10 To 50, Deduct</i>	-0.44	
<i>For >50 To 100, Deduct</i>	-1.09	
<i>For >100 To 250, Deduct</i>	-2.18	
<i>For >250 To 500, Deduct</i>	-3.71	
<i>For >500, Deduct</i>	-5.24	
06 05 23 00-0062 EA 6" Beam, 6" Post Flange, 18 Gauge, Galvanized Post Cap (Simpson Strong Tie® BC6).....	37.15	4.00
<i>For >10 To 50, Deduct</i>	-0.46	
<i>For >50 To 100, Deduct</i>	-1.62	
<i>For >100 To 250, Deduct</i>	-3.25	
<i>For >250 To 500, Deduct</i>	-5.34	
<i>For >500, Deduct</i>	-7.43	
06 05 23 00-0063 EA 3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-4).....	184.00	
Note: Excludes field welding		
<i>For >10 To 50, Deduct</i>	-1.14	
<i>For >50 To 100, Deduct</i>	-6.31	
<i>For >100 To 250, Deduct</i>	-12.63	
<i>For >250 To 500, Deduct</i>	-20.08	
<i>For >500, Deduct</i>	-27.54	
<i>For Hot Dipped Galvanized, Add</i>	72.52	
06 05 23 00-0064 EA 3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC3 1/4-6).....	192.81	
<i>For >10 To 50, Deduct</i>	-1.29	
<i>For >50 To 100, Deduct</i>	-6.75	
<i>For >100 To 250, Deduct</i>	-13.50	
<i>For >250 To 500, Deduct</i>	-21.53	
<i>For >500, Deduct</i>	-29.57	
<i>For Hot Dipped Galvanized, Add</i>	75.20	
06 05 23 00-0065 EA 4" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC44).....	119.65	
Note: Excludes field welding		
<i>For >10 To 50, Deduct</i>	-1.14	
<i>For >50 To 100, Deduct</i>	-4.71	
<i>For >100 To 250, Deduct</i>	-9.41	
<i>For >250 To 500, Deduct</i>	-15.26	
<i>For >500, Deduct</i>	-21.11	
<i>For Hot Dipped Galvanized, Add</i>	43.56	
06 05 23 00-0066 EA 4" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC46).....	188.90	
<i>For >10 To 50, Deduct</i>	-1.29	
<i>For >50 To 100, Deduct</i>	-6.65	
<i>For >100 To 250, Deduct</i>	-13.30	
<i>For >250 To 500, Deduct</i>	-21.24	
<i>For >500, Deduct</i>	-29.17	
<i>For Hot Dipped Galvanized, Add</i>	73.44	
06 05 23 00-0067 EA 4" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC48).....	197.35	
Note: Excludes field welding		
<i>For >10 To 50, Deduct</i>	-1.29	
<i>For >50 To 100, Deduct</i>	-6.86	
<i>For >100 To 250, Deduct</i>	-13.72	
<i>For >250 To 500, Deduct</i>	-21.87	
<i>For >500, Deduct</i>	-30.02	
<i>For Hot Dipped Galvanized, Add</i>	77.24	
06 05 23 00-0068 EA 6" Beam, 4" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC64).....	201.49	
<i>For >10 To 50, Deduct</i>	-1.23	
<i>For >50 To 100, Deduct</i>	-6.88	
<i>For >100 To 250, Deduct</i>	-13.76	
<i>For >250 To 500, Deduct</i>	-21.87	
<i>For >500, Deduct</i>	-29.98	
<i>For Hot Dipped Galvanized, Add</i>	79.61	
06 05 23 00-0069 EA 6" Beam, 6" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC66).....	203.77	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-7.11	
<i>For >100 To 250, Deduct</i>	-14.22	
<i>For >250 To 500, Deduct</i>	-22.67	
<i>For >500, Deduct</i>	-31.12	
<i>For Hot Dipped Galvanized, Add</i>	79.61	
06 05 23 00-0070 EA 6" Beam, 8" Post, 7 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC68).....	203.77	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-7.11	
<i>For >100 To 250, Deduct</i>	-14.22	
<i>For >250 To 500, Deduct</i>	-22.67	
<i>For >500, Deduct</i>	-31.12	
<i>For Hot Dipped Galvanized, Add</i>	79.61	
06 05 23 00-0071 EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-4).....	234.64	
<i>For >10 To 50, Deduct</i>	-1.23	
<i>For >50 To 100, Deduct</i>	-7.71	
<i>For >100 To 250, Deduct</i>	-15.42	
<i>For >250 To 500, Deduct</i>	-24.35	
<i>For >500, Deduct</i>	-33.29	
<i>For Hot Dipped Galvanized, Add</i>	94.53	
06 05 23 00-0072 EA 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-6).....	236.92	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-7.94	
<i>For >100 To 250, Deduct</i>	-15.87	
<i>For >250 To 500, Deduct</i>	-25.15	
<i>For >500, Deduct</i>	-34.43	
<i>For Hot Dipped Galvanized, Add</i>	94.53	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0073	EA		5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC5 1/4-8)	236.92	
			<i>For >10 To 50, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-7.94	
			<i>For >100 To 250, Deduct</i>	-15.87	
			<i>For >250 To 500, Deduct</i>	-25.15	
			<i>For >500, Deduct</i>	-34.43	
			<i>For Hot Dipped Galvanized, Add</i>	94.53	
06 05 23 00-0074	EA		8" Beam, 4" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC84).....	285.97	
			<i>For >10 To 50, Deduct</i>	-1.23	
			<i>For >50 To 100, Deduct</i>	-8.99	
			<i>For >100 To 250, Deduct</i>	-17.98	
			<i>For >250 To 500, Deduct</i>	-28.20	
			<i>For >500, Deduct</i>	-38.43	
			<i>For Hot Dipped Galvanized, Add</i>	117.63	
06 05 23 00-0075	EA		8" Beam, 6" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC86).....	288.25	
			<i>For >10 To 50, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-9.22	
			<i>For >100 To 250, Deduct</i>	-18.44	
			<i>For >250 To 500, Deduct</i>	-29.00	
			<i>For >500, Deduct</i>	-39.57	
			<i>For Hot Dipped Galvanized, Add</i>	117.63	
06 05 23 00-0076	EA		8" Beam, 8" Post, 3 Gauge, Gray Paint Column Cap With Bolts (Simpson Strong Tie® CC88).....	288.25	
			<i>For >10 To 50, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-9.22	
			<i>For >100 To 250, Deduct</i>	-18.44	
			<i>For >250 To 500, Deduct</i>	-29.00	
			<i>For >500, Deduct</i>	-39.57	
			<i>For Hot Dipped Galvanized, Add</i>	117.63	
06 05 23 00-0077	EA		3-1/8" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-4).....	184.00	
			Note: Excludes field welding		
			<i>For >10 To 50, Deduct</i>	-1.14	
			<i>For >50 To 100, Deduct</i>	-6.31	
			<i>For >100 To 250, Deduct</i>	-12.63	
			<i>For >250 To 500, Deduct</i>	-20.08	
			<i>For >500, Deduct</i>	-27.54	
			<i>For Hot Dipped Galvanized, Add</i>	72.52	
06 05 23 00-0078	EA		3-1/8" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC3 1/4-6).....	192.81	
			<i>For >10 To 50, Deduct</i>	-1.29	
			<i>For >50 To 100, Deduct</i>	-6.75	
			<i>For >100 To 250, Deduct</i>	-13.50	
			<i>For >250 To 500, Deduct</i>	-21.53	
			<i>For >500, Deduct</i>	-29.57	
			<i>For Hot Dipped Galvanized, Add</i>	75.20	
06 05 23 00-0079	EA		4" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC44).....	119.65	
			Note: Excludes field welding		
			<i>For >10 To 50, Deduct</i>	-1.14	
			<i>For >50 To 100, Deduct</i>	-4.71	
			<i>For >100 To 250, Deduct</i>	-9.41	
			<i>For >250 To 500, Deduct</i>	-15.26	
			<i>For >500, Deduct</i>	-21.11	
			<i>For Hot Dipped Galvanized, Add</i>	43.56	
06 05 23 00-0080	EA		4" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC46).....	188.90	
			<i>For >10 To 50, Deduct</i>	-1.29	
			<i>For >50 To 100, Deduct</i>	-6.65	
			<i>For >100 To 250, Deduct</i>	-13.30	
			<i>For >250 To 500, Deduct</i>	-21.24	
			<i>For >500, Deduct</i>	-29.17	
			<i>For Hot Dipped Galvanized, Add</i>	73.44	
06 05 23 00-0081	EA		4" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC48).....	197.35	
			Note: Excludes field welding		
			<i>For >10 To 50, Deduct</i>	-1.29	
			<i>For >50 To 100, Deduct</i>	-6.86	
			<i>For >100 To 250, Deduct</i>	-13.72	
			<i>For >250 To 500, Deduct</i>	-21.87	
			<i>For >500, Deduct</i>	-30.02	
			<i>For Hot Dipped Galvanized, Add</i>	77.24	
06 05 23 00-0082	EA		6" Beam, 4" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC64).....	201.49	
			<i>For >10 To 50, Deduct</i>	-1.23	
			<i>For >50 To 100, Deduct</i>	-6.88	
			<i>For >100 To 250, Deduct</i>	-13.76	
			<i>For >250 To 500, Deduct</i>	-21.87	
			<i>For >500, Deduct</i>	-29.98	
			<i>For Hot Dipped Galvanized, Add</i>	79.61	
06 05 23 00-0083	EA		6" Beam, 6" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC66).....	203.77	
			<i>For >10 To 50, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-7.11	
			<i>For >100 To 250, Deduct</i>	-14.22	
			<i>For >250 To 500, Deduct</i>	-22.67	
			<i>For >500, Deduct</i>	-31.12	
			<i>For Hot Dipped Galvanized, Add</i>	79.61	
06 05 23 00-0084	EA		6" Beam, 8" Post, 7 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC68).....	203.77	
			<i>For >10 To 50, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-7.11	
			<i>For >100 To 250, Deduct</i>	-14.22	
			<i>For >250 To 500, Deduct</i>	-22.67	
			<i>For >500, Deduct</i>	-31.12	
			<i>For Hot Dipped Galvanized, Add</i>	79.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0085 EA 5-1/8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-4).....	234.64	
<i>For >10 To 50, Deduct</i>	-1.23	
<i>For >50 To 100, Deduct</i>	-7.71	
<i>For >100 To 250, Deduct</i>	-15.42	
<i>For >250 To 500, Deduct</i>	-24.35	
<i>For >500, Deduct</i>	-33.29	
<i>For Hot Dipped Galvanized, Add</i>	94.53	
06 05 23 00-0086 EA 5-1/8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-6).....	236.92	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-7.94	
<i>For >100 To 250, Deduct</i>	-15.87	
<i>For >250 To 500, Deduct</i>	-25.15	
<i>For >500, Deduct</i>	-34.43	
<i>For Hot Dipped Galvanized, Add</i>	94.53	
06 05 23 00-0087 EA 5-1/8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC5 1/4-8).....	236.92	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-7.94	
<i>For >100 To 250, Deduct</i>	-15.87	
<i>For >250 To 500, Deduct</i>	-25.15	
<i>For >500, Deduct</i>	-34.43	
<i>For Hot Dipped Galvanized, Add</i>	94.53	
06 05 23 00-0088 EA 8" Beam, 4" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC84).....	285.97	
<i>For >10 To 50, Deduct</i>	-1.23	
<i>For >50 To 100, Deduct</i>	-8.99	
<i>For >100 To 250, Deduct</i>	-17.98	
<i>For >250 To 500, Deduct</i>	-28.20	
<i>For >500, Deduct</i>	-38.43	
<i>For Hot Dipped Galvanized, Add</i>	117.63	
06 05 23 00-0089 EA 8" Beam, 6" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC86).....	288.25	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-9.22	
<i>For >100 To 250, Deduct</i>	-18.44	
<i>For >250 To 500, Deduct</i>	-29.00	
<i>For >500, Deduct</i>	-39.57	
<i>For Hot Dipped Galvanized, Add</i>	117.63	
06 05 23 00-0090 EA 8" Beam, 8" Post, 3 Gauge, Gray Paint End Column Cap With Bolts (Simpson Strong Tie® ECC88).....	288.25	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-9.22	
<i>For >100 To 250, Deduct</i>	-18.44	
<i>For >250 To 500, Deduct</i>	-29.00	
<i>For >500, Deduct</i>	-39.57	
<i>For Hot Dipped Galvanized, Add</i>	117.63	
06 05 23 00-0091 Rafter Connectors <small>(06 05 23)</small>		
06 05 23 00-0092 EA Galvanized Rigid Rafter Connector, For 2" x 6" (Simpson Strong Tie® RR).....	9.94	3.54
<i>For >10 To 50, Deduct</i>	-0.39	
<i>For >50 To 100, Deduct</i>	-0.84	
<i>For >100 To 250, Deduct</i>	-1.68	
<i>For >250 To 500, Deduct</i>	-2.91	
<i>For >500, Deduct</i>	-4.15	
06 05 23 00-0093 Bolts And Fasteners <small>(06 05 23)</small>		
06 05 23 00-0094 Carriage Bolts <small>(06 05 23 00-0093)</small>		
<small>Note: Includes drilling of holes in any material. Includes nut and washer.</small>		
06 05 23 00-0095 Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolts <small>(06 05 23 00-0094)</small>		
06 05 23 00-0096 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.29	
<i>For >10 To 50, Deduct</i>	-0.74	
<i>For >50 To 100, Deduct</i>	-1.50	
<i>For >100 To 250, Deduct</i>	-2.99	
<i>For >250 To 500, Deduct</i>	-5.23	
<i>For >500, Deduct</i>	-7.47	
06 05 23 00-0097 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.49	
<i>For >10 To 50, Deduct</i>	-0.74	
<i>For >50 To 100, Deduct</i>	-1.50	
<i>For >100 To 250, Deduct</i>	-3.00	
<i>For >250 To 500, Deduct</i>	-5.25	
<i>For >500, Deduct</i>	-7.49	
06 05 23 00-0098 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	15.61	
<i>For >10 To 50, Deduct</i>	-0.74	
<i>For >50 To 100, Deduct</i>	-1.50	
<i>For >100 To 250, Deduct</i>	-3.01	
<i>For >250 To 500, Deduct</i>	-5.25	
<i>For >500, Deduct</i>	-7.50	
06 05 23 00-0099 EA 1/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt.....	18.25	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.74	
<i>For >100 To 250, Deduct</i>	-3.48	
<i>For >250 To 500, Deduct</i>	-6.08	
<i>For >500, Deduct</i>	-8.68	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0100 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	16.96	
For >10 To 50, Deduct	-0.80	
For >50 To 100, Deduct	-1.62	
For >100 To 250, Deduct	-3.25	
For >250 To 500, Deduct	-5.67	
For >500, Deduct	-8.10	
06 05 23 00-0101 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.42	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-1.75	
For >100 To 250, Deduct	-3.49	
For >250 To 500, Deduct	-6.10	
For >500, Deduct	-8.70	
06 05 23 00-0102 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	18.73	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-1.75	
For >100 To 250, Deduct	-3.51	
For >250 To 500, Deduct	-6.12	
For >500, Deduct	-8.73	
06 05 23 00-0103 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.39	
For >10 To 50, Deduct	-1.03	
For >50 To 100, Deduct	-2.10	
For >100 To 250, Deduct	-4.21	
For >250 To 500, Deduct	-7.34	
For >500, Deduct	-10.47	
06 05 23 00-0104 EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	24.46	
For >10 To 50, Deduct	-1.09	
For >50 To 100, Deduct	-2.24	
For >100 To 250, Deduct	-4.48	
For >250 To 500, Deduct	-7.80	
For >500, Deduct	-11.13	
06 05 23 00-0105 EA 3/8" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	27.68	
For >10 To 50, Deduct	-1.20	
For >50 To 100, Deduct	-2.49	
For >100 To 250, Deduct	-4.98	
For >250 To 500, Deduct	-8.67	
For >500, Deduct	-12.36	
06 05 23 00-0106 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	19.08	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-1.76	
For >100 To 250, Deduct	-3.53	
For >250 To 500, Deduct	-6.14	
For >500, Deduct	-8.76	
06 05 23 00-0107 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	21.04	
For >10 To 50, Deduct	-0.91	
For >50 To 100, Deduct	-1.90	
For >100 To 250, Deduct	-3.80	
For >250 To 500, Deduct	-6.61	
For >500, Deduct	-9.42	
06 05 23 00-0108 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	22.43	
For >10 To 50, Deduct	-0.97	
For >50 To 100, Deduct	-2.02	
For >100 To 250, Deduct	-4.03	
For >250 To 500, Deduct	-7.02	
For >500, Deduct	-10.01	
06 05 23 00-0109 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	25.16	
For >10 To 50, Deduct	-1.09	
For >50 To 100, Deduct	-2.26	
For >100 To 250, Deduct	-4.51	
For >250 To 500, Deduct	-7.86	
For >500, Deduct	-11.20	
06 05 23 00-0110 EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.68	
For >10 To 50, Deduct	-1.26	
For >50 To 100, Deduct	-2.63	
For >100 To 250, Deduct	-5.26	
For >250 To 500, Deduct	-9.14	
For >500, Deduct	-13.02	
06 05 23 00-0111 EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	33.42	
For >10 To 50, Deduct	-1.37	
For >50 To 100, Deduct	-2.89	
For >100 To 250, Deduct	-5.78	
For >250 To 500, Deduct	-10.05	
For >500, Deduct	-14.31	
06 05 23 00-0112 EA 3/4" Diameter x 2" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	26.76	
For >10 To 50, Deduct	-1.03	
For >50 To 100, Deduct	-2.21	
For >100 To 250, Deduct	-4.42	
For >250 To 500, Deduct	-7.66	
For >500, Deduct	-10.90	
06 05 23 00-0113 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	29.15	
For >10 To 50, Deduct	-1.09	
For >50 To 100, Deduct	-2.36	
For >100 To 250, Deduct	-4.71	
For >250 To 500, Deduct	-8.16	
For >500, Deduct	-11.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0114 EA 3/4" Diameter x 6" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	35.14	
<i>For >10 To 50, Deduct</i>	-1.26	
<i>For >50 To 100, Deduct</i>	-2.76	
<i>For >100 To 250, Deduct</i>	-5.53	
<i>For >250 To 500, Deduct</i>	-9.55	
<i>For >500, Deduct</i>	-13.57	
06 05 23 00-0115 EA 3/4" Diameter x 8" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	39.98	
<i>For >10 To 50, Deduct</i>	-1.31	
<i>For >50 To 100, Deduct</i>	-2.97	
<i>For >100 To 250, Deduct</i>	-5.94	
<i>For >250 To 500, Deduct</i>	-10.23	
<i>For >500, Deduct</i>	-14.51	
06 05 23 00-0116 EA 3/4" Diameter x 10" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	43.40	
<i>For >10 To 50, Deduct</i>	-1.43	
<i>For >50 To 100, Deduct</i>	-3.23	
<i>For >100 To 250, Deduct</i>	-6.45	
<i>For >250 To 500, Deduct</i>	-11.11	
<i>For >500, Deduct</i>	-15.76	
06 05 23 00-0117 EA 3/4" Diameter x 12" Length, Zinc Plated Steel, Low Carbon/Grade 2, Carriage Bolt	44.13	
<i>For >10 To 50, Deduct</i>	-1.49	
<i>For >50 To 100, Deduct</i>	-3.33	
<i>For >100 To 250, Deduct</i>	-6.66	
<i>For >250 To 500, Deduct</i>	-11.48	
<i>For >500, Deduct</i>	-16.30	
06 05 23 00-0118 Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolts <small>(06 05 23 00-0094)</small>		
06 05 23 00-0119 EA 1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	15.64	
<i>For >10 To 50, Deduct</i>	-0.74	
<i>For >50 To 100, Deduct</i>	-1.50	
<i>For >100 To 250, Deduct</i>	-3.01	
<i>For >250 To 500, Deduct</i>	-5.26	
<i>For >500, Deduct</i>	-7.50	
06 05 23 00-0120 EA 1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.00	
<i>For >10 To 50, Deduct</i>	-0.74	
<i>For >50 To 100, Deduct</i>	-1.51	
<i>For >100 To 250, Deduct</i>	-3.03	
<i>For >250 To 500, Deduct</i>	-5.28	
<i>For >500, Deduct</i>	-7.54	
06 05 23 00-0121 EA 1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	16.41	
<i>For >10 To 50, Deduct</i>	-0.74	
<i>For >50 To 100, Deduct</i>	-1.52	
<i>For >100 To 250, Deduct</i>	-3.05	
<i>For >250 To 500, Deduct</i>	-5.31	
<i>For >500, Deduct</i>	-7.58	
06 05 23 00-0122 EA 1/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.60	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.78	
<i>For >100 To 250, Deduct</i>	-3.55	
<i>For >250 To 500, Deduct</i>	-6.18	
<i>For >500, Deduct</i>	-8.82	
06 05 23 00-0123 EA 3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	17.45	
<i>For >10 To 50, Deduct</i>	-0.80	
<i>For >50 To 100, Deduct</i>	-1.64	
<i>For >100 To 250, Deduct</i>	-3.27	
<i>For >250 To 500, Deduct</i>	-5.71	
<i>For >500, Deduct</i>	-8.15	
06 05 23 00-0124 EA 3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.18	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.77	
<i>For >100 To 250, Deduct</i>	-3.53	
<i>For >250 To 500, Deduct</i>	-6.15	
<i>For >500, Deduct</i>	-8.77	
06 05 23 00-0125 EA 3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	19.63	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.78	
<i>For >100 To 250, Deduct</i>	-3.55	
<i>For >250 To 500, Deduct</i>	-6.19	
<i>For >500, Deduct</i>	-8.82	
06 05 23 00-0126 EA 3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.75	
<i>For >10 To 50, Deduct</i>	-1.03	
<i>For >50 To 100, Deduct</i>	-2.14	
<i>For >100 To 250, Deduct</i>	-4.27	
<i>For >250 To 500, Deduct</i>	-7.44	
<i>For >500, Deduct</i>	-10.60	
06 05 23 00-0127 EA 3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	25.99	
<i>For >10 To 50, Deduct</i>	-1.09	
<i>For >50 To 100, Deduct</i>	-2.28	
<i>For >100 To 250, Deduct</i>	-4.56	
<i>For >250 To 500, Deduct</i>	-7.92	
<i>For >500, Deduct</i>	-11.28	
06 05 23 00-0128 EA 3/8" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	29.09	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-2.53	
<i>For >100 To 250, Deduct</i>	-5.05	
<i>For >250 To 500, Deduct</i>	-8.78	
<i>For >500, Deduct</i>	-12.51	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0129 EA 1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	20.22	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-1.79	
For >100 To 250, Deduct	-3.58	
For >250 To 500, Deduct	-6.23	
For >500, Deduct	-8.88	
06 05 23 00-0130 EA 1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	21.94	
For >10 To 50, Deduct	-0.91	
For >50 To 100, Deduct	-1.92	
For >100 To 250, Deduct	-3.84	
For >250 To 500, Deduct	-6.68	
For >500, Deduct	-9.51	
06 05 23 00-0131 EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	23.50	
For >10 To 50, Deduct	-0.97	
For >50 To 100, Deduct	-2.04	
For >100 To 250, Deduct	-4.09	
For >250 To 500, Deduct	-7.10	
For >500, Deduct	-10.12	
06 05 23 00-0132 EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	26.70	
For >10 To 50, Deduct	-1.09	
For >50 To 100, Deduct	-2.30	
For >100 To 250, Deduct	-4.59	
For >250 To 500, Deduct	-7.97	
For >500, Deduct	-11.35	
06 05 23 00-0133 EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	31.18	
For >10 To 50, Deduct	-1.26	
For >50 To 100, Deduct	-2.67	
For >100 To 250, Deduct	-5.33	
For >250 To 500, Deduct	-9.25	
For >500, Deduct	-13.17	
06 05 23 00-0134 EA 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	34.58	
For >10 To 50, Deduct	-1.37	
For >50 To 100, Deduct	-2.92	
For >100 To 250, Deduct	-5.84	
For >250 To 500, Deduct	-10.13	
For >500, Deduct	-14.43	
06 05 23 00-0135 EA 3/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	30.18	
For >10 To 50, Deduct	-1.03	
For >50 To 100, Deduct	-2.30	
For >100 To 250, Deduct	-4.59	
For >250 To 500, Deduct	-7.92	
For >500, Deduct	-11.25	
06 05 23 00-0136 EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	31.54	
For >10 To 50, Deduct	-1.09	
For >50 To 100, Deduct	-2.42	
For >100 To 250, Deduct	-4.83	
For >250 To 500, Deduct	-8.34	
For >500, Deduct	-11.84	
06 05 23 00-0137 EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	36.84	
For >10 To 50, Deduct	-1.26	
For >50 To 100, Deduct	-2.81	
For >100 To 250, Deduct	-5.61	
For >250 To 500, Deduct	-9.68	
For >500, Deduct	-13.74	
06 05 23 00-0138 EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	39.85	
For >10 To 50, Deduct	-1.31	
For >50 To 100, Deduct	-2.97	
For >100 To 250, Deduct	-5.93	
For >250 To 500, Deduct	-10.22	
For >500, Deduct	-14.50	
06 05 23 00-0139 EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	45.61	
For >10 To 50, Deduct	-1.43	
For >50 To 100, Deduct	-3.28	
For >100 To 250, Deduct	-6.56	
For >250 To 500, Deduct	-11.27	
For >500, Deduct	-15.99	
06 05 23 00-0140 EA 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Low Carbon/Grade 2, Carriage Bolt	48.73	
For >10 To 50, Deduct	-1.49	
For >50 To 100, Deduct	-3.45	
For >100 To 250, Deduct	-6.89	
For >250 To 500, Deduct	-11.83	
For >500, Deduct	-16.76	
06 05 23 00-0141 304/18-8 Stainless Steel, Carriage Bolts (06 05 23 00-0094)		
06 05 23 00-0142 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	16.88	
For >10 To 50, Deduct	-0.74	
For >50 To 100, Deduct	-1.54	
For >100 To 250, Deduct	-3.07	
For >250 To 500, Deduct	-5.35	
For >500, Deduct	-7.63	
06 05 23 00-0143 EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	19.09	
For >10 To 50, Deduct	-0.74	
For >50 To 100, Deduct	-1.59	
For >100 To 250, Deduct	-3.18	
For >250 To 500, Deduct	-5.52	
For >500, Deduct	-7.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0144 EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.55	
<i>For >10 To 50, Deduct</i>	-0.74	
<i>For >50 To 100, Deduct</i>	-1.63	
<i>For >100 To 250, Deduct</i>	-3.26	
<i>For >250 To 500, Deduct</i>	-5.63	
<i>For >500, Deduct</i>	-8.00	
06 05 23 00-0145 EA 1/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	38.47	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-2.25	
<i>For >100 To 250, Deduct</i>	-4.49	
<i>For >250 To 500, Deduct</i>	-7.60	
<i>For >500, Deduct</i>	-10.70	
06 05 23 00-0146 EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	20.08	
<i>For >10 To 50, Deduct</i>	-0.80	
<i>For >50 To 100, Deduct</i>	-1.70	
<i>For >100 To 250, Deduct</i>	-3.40	
<i>For >250 To 500, Deduct</i>	-5.91	
<i>For >500, Deduct</i>	-8.41	
06 05 23 00-0147 EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	24.44	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.90	
<i>For >100 To 250, Deduct</i>	-3.79	
<i>For >250 To 500, Deduct</i>	-6.55	
<i>For >500, Deduct</i>	-9.30	
06 05 23 00-0148 EA 3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	25.14	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.91	
<i>For >100 To 250, Deduct</i>	-3.83	
<i>For >250 To 500, Deduct</i>	-6.60	
<i>For >500, Deduct</i>	-9.37	
06 05 23 00-0149 EA 3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	51.71	
<i>For >10 To 50, Deduct</i>	-1.03	
<i>For >50 To 100, Deduct</i>	-2.84	
<i>For >100 To 250, Deduct</i>	-5.67	
<i>For >250 To 500, Deduct</i>	-9.54	
<i>For >500, Deduct</i>	-13.40	
06 05 23 00-0150 EA 3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	64.40	
<i>For >10 To 50, Deduct</i>	-1.09	
<i>For >50 To 100, Deduct</i>	-3.24	
<i>For >100 To 250, Deduct</i>	-6.48	
<i>For >250 To 500, Deduct</i>	-10.80	
<i>For >500, Deduct</i>	-15.12	
06 05 23 00-0151 EA 3/8" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	72.30	
<i>For >10 To 50, Deduct</i>	-1.20	
<i>For >50 To 100, Deduct</i>	-3.61	
<i>For >100 To 250, Deduct</i>	-7.21	
<i>For >250 To 500, Deduct</i>	-12.02	
<i>For >500, Deduct</i>	-16.83	
06 05 23 00-0152 EA 1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Carriage Bolt	27.03	
<i>For >10 To 50, Deduct</i>	-0.86	
<i>For >50 To 100, Deduct</i>	-1.96	
<i>For >100 To 250, Deduct</i>	-3.92	
<i>For >250 To 500, Deduct</i>	-6.74	
<i>For >500, Deduct</i>	-9.56	
06 05 23 00-0153 EA 1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	31.27	
<i>For >10 To 50, Deduct</i>	-0.91	
<i>For >50 To 100, Deduct</i>	-2.15	
<i>For >100 To 250, Deduct</i>	-4.31	
<i>For >250 To 500, Deduct</i>	-7.38	
<i>For >500, Deduct</i>	-10.44	
06 05 23 00-0154 EA 1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	39.14	
<i>For >10 To 50, Deduct</i>	-0.97	
<i>For >50 To 100, Deduct</i>	-2.44	
<i>For >100 To 250, Deduct</i>	-4.87	
<i>For >250 To 500, Deduct</i>	-8.28	
<i>For >500, Deduct</i>	-11.68	
06 05 23 00-0155 EA 1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	66.44	
<i>For >10 To 50, Deduct</i>	-1.09	
<i>For >50 To 100, Deduct</i>	-3.29	
<i>For >100 To 250, Deduct</i>	-6.58	
<i>For >250 To 500, Deduct</i>	-10.95	
<i>For >500, Deduct</i>	-15.33	
06 05 23 00-0156 EA 1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt	74.77	
<i>For >10 To 50, Deduct</i>	-1.26	
<i>For >50 To 100, Deduct</i>	-3.75	
<i>For >100 To 250, Deduct</i>	-7.51	
<i>For >250 To 500, Deduct</i>	-12.52	
<i>For >500, Deduct</i>	-17.53	
06 05 23 00-0157 EA 1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt	122.91	
<i>For >10 To 50, Deduct</i>	-1.37	
<i>For >50 To 100, Deduct</i>	-5.13	
<i>For >100 To 250, Deduct</i>	-10.26	
<i>For >250 To 500, Deduct</i>	-16.76	
<i>For >500, Deduct</i>	-23.26	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0158 EA 3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Carriage Bolt	95.27	
For >10 To 50, Deduct	-1.09	
For >50 To 100, Deduct	-4.01	
For >100 To 250, Deduct	-8.02	
For >250 To 500, Deduct	-13.12	
For >500, Deduct	-18.21	
06 05 23 00-0159 EA 3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Carriage Bolt	137.47	
For >10 To 50, Deduct	-1.26	
For >50 To 100, Deduct	-5.32	
For >100 To 250, Deduct	-10.64	
For >250 To 500, Deduct	-17.22	
For >500, Deduct	-23.80	
06 05 23 00-0160 EA 3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Carriage Bolt	153.05	
For >10 To 50, Deduct	-1.31	
For >50 To 100, Deduct	-5.80	
For >100 To 250, Deduct	-11.59	
For >250 To 500, Deduct	-18.71	
For >500, Deduct	-25.82	
06 05 23 00-0161 EA 3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	230.61	
For >10 To 50, Deduct	-1.43	
For >50 To 100, Deduct	-7.91	
For >100 To 250, Deduct	-15.81	
For >250 To 500, Deduct	-25.15	
For >500, Deduct	-34.49	
06 05 23 00-0162 EA 3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Carriage Bolt.....	242.74	
For >10 To 50, Deduct	-1.49	
For >50 To 100, Deduct	-8.30	
For >100 To 250, Deduct	-16.59	
For >250 To 500, Deduct	-26.38	
For >500, Deduct	-36.16	
06 05 23 00-0163 316 Stainless Steel, Carriage Bolts <small>(06 05 23 00-0094)</small>		
06 05 23 00-0164 EA 1/4" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	27.13	
For >10 To 50, Deduct	-0.74	
For >50 To 100, Deduct	-1.79	
For >100 To 250, Deduct	-3.58	
For >250 To 500, Deduct	-6.12	
For >500, Deduct	-8.65	
06 05 23 00-0165 EA 1/4" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	31.02	
For >10 To 50, Deduct	-0.74	
For >50 To 100, Deduct	-1.89	
For >100 To 250, Deduct	-3.78	
For >250 To 500, Deduct	-6.41	
For >500, Deduct	-9.04	
06 05 23 00-0166 EA 3/8" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	33.50	
For >10 To 50, Deduct	-0.80	
For >50 To 100, Deduct	-2.04	
For >100 To 250, Deduct	-4.08	
For >250 To 500, Deduct	-6.91	
For >500, Deduct	-9.75	
06 05 23 00-0167 EA 3/8" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	40.04	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-2.29	
For >100 To 250, Deduct	-4.57	
For >250 To 500, Deduct	-7.72	
For >500, Deduct	-10.86	
06 05 23 00-0168 EA 1/2" Diameter x 2" Length, 316 Stainless Steel, Carriage Bolt.....	57.37	
For >10 To 50, Deduct	-0.86	
For >50 To 100, Deduct	-2.72	
For >100 To 250, Deduct	-5.44	
For >250 To 500, Deduct	-9.02	
For >500, Deduct	-12.59	
06 05 23 00-0169 EA 1/2" Diameter x 4" Length, 316 Stainless Steel, Carriage Bolt.....	62.72	
For >10 To 50, Deduct	-0.91	
For >50 To 100, Deduct	-2.94	
For >100 To 250, Deduct	-5.88	
For >250 To 500, Deduct	-9.73	
For >500, Deduct	-13.59	
06 05 23 00-0170 EA 1/2" Diameter x 6" Length, 316 Stainless Steel, Carriage Bolt.....	67.72	
For >10 To 50, Deduct	-0.97	
For >50 To 100, Deduct	-3.15	
For >100 To 250, Deduct	-6.30	
For >250 To 500, Deduct	-10.42	
For >500, Deduct	-14.54	
06 05 23 00-0171 Hex Lag Bolts <small>(06 05 23 00-0093)</small>		
Note: Includes drilling of holes in any material.		
06 05 23 00-0172 Zinc Plated Steel, Hex Lag Bolts <small>(06 05 23 00-0171)</small>		
06 05 23 00-0173 EA 1/4" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt.....	14.55	
For >10 To 50, Deduct	-0.71	
For >50 To 100, Deduct	-1.43	
For >100 To 250, Deduct	-2.87	
For >250 To 500, Deduct	-5.02	
For >500, Deduct	-7.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0174 EA 1/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	14.72	
<i>For >10 To 50, Deduct</i>	-0.71	
<i>For >50 To 100, Deduct</i>	-1.44	
<i>For >100 To 250, Deduct</i>	-2.88	
<i>For >250 To 500, Deduct</i>	-5.03	
<i>For >500, Deduct</i>	-7.18	
06 05 23 00-0175 EA 1/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	15.06	
<i>For >10 To 50, Deduct</i>	-0.71	
<i>For >50 To 100, Deduct</i>	-1.45	
<i>For >100 To 250, Deduct</i>	-2.90	
<i>For >250 To 500, Deduct</i>	-5.06	
<i>For >500, Deduct</i>	-7.22	
06 05 23 00-0176 EA 3/8" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	16.08	
<i>For >10 To 50, Deduct</i>	-0.78	
<i>For >50 To 100, Deduct</i>	-1.57	
<i>For >100 To 250, Deduct</i>	-3.14	
<i>For >250 To 500, Deduct</i>	-5.49	
<i>For >500, Deduct</i>	-7.84	
06 05 23 00-0177 EA 3/8" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	17.52	
<i>For >10 To 50, Deduct</i>	-0.83	
<i>For >50 To 100, Deduct</i>	-1.69	
<i>For >100 To 250, Deduct</i>	-3.38	
<i>For >250 To 500, Deduct</i>	-5.90	
<i>For >500, Deduct</i>	-8.42	
06 05 23 00-0178 EA 3/8" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	17.90	
<i>For >10 To 50, Deduct</i>	-0.83	
<i>For >50 To 100, Deduct</i>	-1.70	
<i>For >100 To 250, Deduct</i>	-3.40	
<i>For >250 To 500, Deduct</i>	-5.93	
<i>For >500, Deduct</i>	-8.46	
06 05 23 00-0179 EA 3/8" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	22.00	
<i>For >10 To 50, Deduct</i>	-1.00	
<i>For >50 To 100, Deduct</i>	-2.05	
<i>For >100 To 250, Deduct</i>	-4.10	
<i>For >250 To 500, Deduct</i>	-7.15	
<i>For >500, Deduct</i>	-10.20	
06 05 23 00-0180 EA 3/8" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	23.33	
<i>For >10 To 50, Deduct</i>	-1.06	
<i>For >50 To 100, Deduct</i>	-2.17	
<i>For >100 To 250, Deduct</i>	-4.33	
<i>For >250 To 500, Deduct</i>	-7.56	
<i>For >500, Deduct</i>	-10.78	
06 05 23 00-0181 EA 1/2" Diameter x 2" Length, Zinc Plated Steel, Hex Lag Bolt	17.90	
<i>For >10 To 50, Deduct</i>	-0.84	
<i>For >50 To 100, Deduct</i>	-1.71	
<i>For >100 To 250, Deduct</i>	-3.42	
<i>For >250 To 500, Deduct</i>	-5.97	
<i>For >500, Deduct</i>	-8.51	
06 05 23 00-0182 EA 1/2" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	19.55	
<i>For >10 To 50, Deduct</i>	-0.90	
<i>For >50 To 100, Deduct</i>	-1.83	
<i>For >100 To 250, Deduct</i>	-3.67	
<i>For >250 To 500, Deduct</i>	-6.39	
<i>For >500, Deduct</i>	-9.12	
06 05 23 00-0183 EA 1/2" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt	21.38	
<i>For >10 To 50, Deduct</i>	-0.95	
<i>For >50 To 100, Deduct</i>	-1.96	
<i>For >100 To 250, Deduct</i>	-3.93	
<i>For >250 To 500, Deduct</i>	-6.84	
<i>For >500, Deduct</i>	-9.75	
06 05 23 00-0184 EA 1/2" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt	24.42	
<i>For >10 To 50, Deduct</i>	-1.06	
<i>For >50 To 100, Deduct</i>	-2.21	
<i>For >100 To 250, Deduct</i>	-4.41	
<i>For >250 To 500, Deduct</i>	-7.68	
<i>For >500, Deduct</i>	-10.95	
06 05 23 00-0185 EA 1/2" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt	28.88	
<i>For >10 To 50, Deduct</i>	-1.23	
<i>For >50 To 100, Deduct</i>	-2.57	
<i>For >100 To 250, Deduct</i>	-5.14	
<i>For >250 To 500, Deduct</i>	-8.94	
<i>For >500, Deduct</i>	-12.75	
06 05 23 00-0186 EA 1/2" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt	31.50	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-2.80	
<i>For >100 To 250, Deduct</i>	-5.61	
<i>For >250 To 500, Deduct</i>	-9.75	
<i>For >500, Deduct</i>	-13.90	
06 05 23 00-0187 EA 3/4" Diameter x 4" Length, Zinc Plated Steel, Hex Lag Bolt	26.71	
<i>For >10 To 50, Deduct</i>	-1.06	
<i>For >50 To 100, Deduct</i>	-2.26	
<i>For >100 To 250, Deduct</i>	-4.53	
<i>For >250 To 500, Deduct</i>	-7.86	
<i>For >500, Deduct</i>	-11.18	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0188	EA		3/4" Diameter x 6" Length, Zinc Plated Steel, Hex Lag Bolt.....	32.05	
			<i>For >10 To 50, Deduct</i>	-1.23	
			<i>For >50 To 100, Deduct</i>	-2.65	
			<i>For >100 To 250, Deduct</i>	-5.30	
			<i>For >250 To 500, Deduct</i>	-9.18	
			<i>For >500, Deduct</i>	-13.07	
06 05 23 00-0189	EA		3/4" Diameter x 8" Length, Zinc Plated Steel, Hex Lag Bolt.....	35.77	
			<i>For >10 To 50, Deduct</i>	-1.29	
			<i>For >50 To 100, Deduct</i>	-2.83	
			<i>For >100 To 250, Deduct</i>	-5.65	
			<i>For >250 To 500, Deduct</i>	-9.77	
			<i>For >500, Deduct</i>	-13.88	
06 05 23 00-0190	EA		3/4" Diameter x 10" Length, Zinc Plated Steel, Hex Lag Bolt.....	40.40	
			<i>For >10 To 50, Deduct</i>	-1.40	
			<i>For >50 To 100, Deduct</i>	-3.11	
			<i>For >100 To 250, Deduct</i>	-6.22	
			<i>For >250 To 500, Deduct</i>	-10.73	
			<i>For >500, Deduct</i>	-15.24	
06 05 23 00-0191	EA		3/4" Diameter x 12" Length, Zinc Plated Steel, Hex Lag Bolt.....	45.71	
			<i>For >10 To 50, Deduct</i>	-1.46	
			<i>For >50 To 100, Deduct</i>	-3.33	
			<i>For >100 To 250, Deduct</i>	-6.65	
			<i>For >250 To 500, Deduct</i>	-11.44	
			<i>For >500, Deduct</i>	-16.22	
06 05 23 00-0192			Hot Dipped Galvanized Steel, Hex Lag Bolts <small>(06 05 23 00-0171)</small>		
06 05 23 00-0193	EA		1/4" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.63	
			<i>For >10 To 50, Deduct</i>	-0.71	
			<i>For >50 To 100, Deduct</i>	-1.44	
			<i>For >100 To 250, Deduct</i>	-2.87	
			<i>For >250 To 500, Deduct</i>	-5.02	
			<i>For >500, Deduct</i>	-7.18	
06 05 23 00-0194	EA		1/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	14.89	
			<i>For >10 To 50, Deduct</i>	-0.71	
			<i>For >50 To 100, Deduct</i>	-1.44	
			<i>For >100 To 250, Deduct</i>	-2.89	
			<i>For >250 To 500, Deduct</i>	-5.04	
			<i>For >500, Deduct</i>	-7.20	
06 05 23 00-0195	EA		1/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	15.16	
			<i>For >10 To 50, Deduct</i>	-0.71	
			<i>For >50 To 100, Deduct</i>	-1.45	
			<i>For >100 To 250, Deduct</i>	-2.90	
			<i>For >250 To 500, Deduct</i>	-5.06	
			<i>For >500, Deduct</i>	-7.23	
06 05 23 00-0196	EA		3/8" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	16.23	
			<i>For >10 To 50, Deduct</i>	-0.78	
			<i>For >50 To 100, Deduct</i>	-1.57	
			<i>For >100 To 250, Deduct</i>	-3.15	
			<i>For >250 To 500, Deduct</i>	-5.50	
			<i>For >500, Deduct</i>	-7.85	
06 05 23 00-0197	EA		3/8" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	17.75	
			<i>For >10 To 50, Deduct</i>	-0.83	
			<i>For >50 To 100, Deduct</i>	-1.69	
			<i>For >100 To 250, Deduct</i>	-3.39	
			<i>For >250 To 500, Deduct</i>	-5.92	
			<i>For >500, Deduct</i>	-8.45	
06 05 23 00-0198	EA		3/8" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.17	
			<i>For >10 To 50, Deduct</i>	-0.83	
			<i>For >50 To 100, Deduct</i>	-1.71	
			<i>For >100 To 250, Deduct</i>	-3.41	
			<i>For >250 To 500, Deduct</i>	-5.95	
			<i>For >500, Deduct</i>	-8.49	
06 05 23 00-0199	EA		3/8" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	22.51	
			<i>For >10 To 50, Deduct</i>	-1.00	
			<i>For >50 To 100, Deduct</i>	-2.06	
			<i>For >100 To 250, Deduct</i>	-4.13	
			<i>For >250 To 500, Deduct</i>	-7.19	
			<i>For >500, Deduct</i>	-10.26	
06 05 23 00-0200	EA		3/8" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	24.19	
			<i>For >10 To 50, Deduct</i>	-1.06	
			<i>For >50 To 100, Deduct</i>	-2.19	
			<i>For >100 To 250, Deduct</i>	-4.38	
			<i>For >250 To 500, Deduct</i>	-7.62	
			<i>For >500, Deduct</i>	-10.87	
06 05 23 00-0201	EA		1/2" Diameter x 2" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	18.28	
			<i>For >10 To 50, Deduct</i>	-0.84	
			<i>For >50 To 100, Deduct</i>	-1.72	
			<i>For >100 To 250, Deduct</i>	-3.44	
			<i>For >250 To 500, Deduct</i>	-5.99	
			<i>For >500, Deduct</i>	-8.55	
06 05 23 00-0202	EA		1/2" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	19.77	
			<i>For >10 To 50, Deduct</i>	-0.90	
			<i>For >50 To 100, Deduct</i>	-1.84	
			<i>For >100 To 250, Deduct</i>	-3.68	
			<i>For >250 To 500, Deduct</i>	-6.41	
			<i>For >500, Deduct</i>	-9.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0203 EA 1/2" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	21.76	
<i>For >10 To 50, Deduct</i>	-0.95	
<i>For >50 To 100, Deduct</i>	-1.97	
<i>For >100 To 250, Deduct</i>	-3.94	
<i>For >250 To 500, Deduct</i>	-6.87	
<i>For >500, Deduct</i>	-9.79	
06 05 23 00-0204 EA 1/2" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	25.58	
<i>For >10 To 50, Deduct</i>	-1.06	
<i>For >50 To 100, Deduct</i>	-2.24	
<i>For >100 To 250, Deduct</i>	-4.47	
<i>For >250 To 500, Deduct</i>	-7.77	
<i>For >500, Deduct</i>	-11.07	
06 05 23 00-0205 EA 1/2" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	29.44	
<i>For >10 To 50, Deduct</i>	-1.23	
<i>For >50 To 100, Deduct</i>	-2.58	
<i>For >100 To 250, Deduct</i>	-5.17	
<i>For >250 To 500, Deduct</i>	-8.99	
<i>For >500, Deduct</i>	-12.80	
06 05 23 00-0206 EA 1/2" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	32.89	
<i>For >10 To 50, Deduct</i>	-1.34	
<i>For >50 To 100, Deduct</i>	-2.84	
<i>For >100 To 250, Deduct</i>	-5.68	
<i>For >250 To 500, Deduct</i>	-9.86	
<i>For >500, Deduct</i>	-14.04	
06 05 23 00-0207 EA 3/4" Diameter x 4" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	27.57	
<i>For >10 To 50, Deduct</i>	-1.06	
<i>For >50 To 100, Deduct</i>	-2.29	
<i>For >100 To 250, Deduct</i>	-4.57	
<i>For >250 To 500, Deduct</i>	-7.92	
<i>For >500, Deduct</i>	-11.27	
06 05 23 00-0208 EA 3/4" Diameter x 6" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	32.83	
<i>For >10 To 50, Deduct</i>	-1.23	
<i>For >50 To 100, Deduct</i>	-2.67	
<i>For >100 To 250, Deduct</i>	-5.34	
<i>For >250 To 500, Deduct</i>	-9.24	
<i>For >500, Deduct</i>	-13.14	
06 05 23 00-0209 EA 3/4" Diameter x 8" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	37.07	
<i>For >10 To 50, Deduct</i>	-1.29	
<i>For >50 To 100, Deduct</i>	-2.86	
<i>For >100 To 250, Deduct</i>	-5.72	
<i>For >250 To 500, Deduct</i>	-9.86	
<i>For >500, Deduct</i>	-14.01	
06 05 23 00-0210 EA 3/4" Diameter x 10" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	43.47	
<i>For >10 To 50, Deduct</i>	-1.40	
<i>For >50 To 100, Deduct</i>	-3.19	
<i>For >100 To 250, Deduct</i>	-6.38	
<i>For >250 To 500, Deduct</i>	-10.96	
<i>For >500, Deduct</i>	-15.55	
06 05 23 00-0211 EA 3/4" Diameter x 12" Length, Hot Dipped Galvanized Steel, Hex Lag Bolt.....	48.99	
<i>For >10 To 50, Deduct</i>	-1.46	
<i>For >50 To 100, Deduct</i>	-3.41	
<i>For >100 To 250, Deduct</i>	-6.82	
<i>For >250 To 500, Deduct</i>	-11.68	
<i>For >500, Deduct</i>	-16.55	
06 05 23 00-0212 304/18-8 Stainless Steel, Hex Lag Bolts <small>(06 05 23 00-0171)</small>		
06 05 23 00-0213 EA 1/4" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	15.67	
<i>For >10 To 50, Deduct</i>	-0.71	
<i>For >50 To 100, Deduct</i>	-1.46	
<i>For >100 To 250, Deduct</i>	-2.93	
<i>For >250 To 500, Deduct</i>	-5.10	
<i>For >500, Deduct</i>	-7.28	
06 05 23 00-0214 EA 1/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	16.72	
<i>For >10 To 50, Deduct</i>	-0.71	
<i>For >50 To 100, Deduct</i>	-1.49	
<i>For >100 To 250, Deduct</i>	-2.98	
<i>For >250 To 500, Deduct</i>	-5.18	
<i>For >500, Deduct</i>	-7.38	
06 05 23 00-0215 EA 1/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	19.54	
<i>For >10 To 50, Deduct</i>	-0.71	
<i>For >50 To 100, Deduct</i>	-1.56	
<i>For >100 To 250, Deduct</i>	-3.12	
<i>For >250 To 500, Deduct</i>	-5.39	
<i>For >500, Deduct</i>	-7.67	
06 05 23 00-0216 EA 3/8" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	19.13	
<i>For >10 To 50, Deduct</i>	-0.78	
<i>For >50 To 100, Deduct</i>	-1.65	
<i>For >100 To 250, Deduct</i>	-3.29	
<i>For >250 To 500, Deduct</i>	-5.72	
<i>For >500, Deduct</i>	-8.14	
06 05 23 00-0217 EA 3/8" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	21.82	
<i>For >10 To 50, Deduct</i>	-0.83	
<i>For >50 To 100, Deduct</i>	-1.80	
<i>For >100 To 250, Deduct</i>	-3.59	
<i>For >250 To 500, Deduct</i>	-6.22	
<i>For >500, Deduct</i>	-8.85	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0218	EA		3/8" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	23.62	
			<i>For >10 To 50, Deduct</i>	-0.83	
			<i>For >50 To 100, Deduct</i>	-1.84	
			<i>For >100 To 250, Deduct</i>	-3.68	
			<i>For >250 To 500, Deduct</i>	-6.36	
			<i>For >500, Deduct</i>	-9.03	
06 05 23 00-0219	EA		3/8" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	52.11	
			<i>For >10 To 50, Deduct</i>	-1.00	
			<i>For >50 To 100, Deduct</i>	-2.80	
			<i>For >100 To 250, Deduct</i>	-5.61	
			<i>For >250 To 500, Deduct</i>	-9.41	
			<i>For >500, Deduct</i>	-13.22	
06 05 23 00-0220	EA		3/8" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	75.24	
			<i>For >10 To 50, Deduct</i>	-1.06	
			<i>For >50 To 100, Deduct</i>	-3.47	
			<i>For >100 To 250, Deduct</i>	-6.93	
			<i>For >250 To 500, Deduct</i>	-11.45	
			<i>For >500, Deduct</i>	-15.97	
06 05 23 00-0221	EA		1/2" Diameter x 2" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	23.82	
			<i>For >10 To 50, Deduct</i>	-0.84	
			<i>For >50 To 100, Deduct</i>	-1.86	
			<i>For >100 To 250, Deduct</i>	-3.71	
			<i>For >250 To 500, Deduct</i>	-6.41	
			<i>For >500, Deduct</i>	-9.11	
06 05 23 00-0222	EA		1/2" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	28.69	
			<i>For >10 To 50, Deduct</i>	-0.90	
			<i>For >50 To 100, Deduct</i>	-2.06	
			<i>For >100 To 250, Deduct</i>	-4.12	
			<i>For >250 To 500, Deduct</i>	-7.08	
			<i>For >500, Deduct</i>	-10.04	
06 05 23 00-0223	EA		1/2" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	36.33	
			<i>For >10 To 50, Deduct</i>	-0.95	
			<i>For >50 To 100, Deduct</i>	-2.34	
			<i>For >100 To 250, Deduct</i>	-4.67	
			<i>For >250 To 500, Deduct</i>	-7.96	
			<i>For >500, Deduct</i>	-11.25	
06 05 23 00-0224	EA		1/2" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	80.50	
			<i>For >10 To 50, Deduct</i>	-1.06	
			<i>For >50 To 100, Deduct</i>	-3.61	
			<i>For >100 To 250, Deduct</i>	-7.22	
			<i>For >250 To 500, Deduct</i>	-11.89	
			<i>For >500, Deduct</i>	-16.56	
06 05 23 00-0225	EA		1/2" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	110.82	
			<i>For >10 To 50, Deduct</i>	-1.23	
			<i>For >50 To 100, Deduct</i>	-4.62	
			<i>For >100 To 250, Deduct</i>	-9.24	
			<i>For >250 To 500, Deduct</i>	-15.09	
			<i>For >500, Deduct</i>	-20.94	
06 05 23 00-0226	EA		1/2" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	129.99	
			<i>For >10 To 50, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-5.27	
			<i>For >100 To 250, Deduct</i>	-10.53	
			<i>For >250 To 500, Deduct</i>	-17.14	
			<i>For >500, Deduct</i>	-23.75	
06 05 23 00-0227	EA		3/4" Diameter x 4" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	121.65	
			<i>For >10 To 50, Deduct</i>	-1.06	
			<i>For >50 To 100, Deduct</i>	-4.64	
			<i>For >100 To 250, Deduct</i>	-9.27	
			<i>For >250 To 500, Deduct</i>	-14.98	
			<i>For >500, Deduct</i>	-20.68	
06 05 23 00-0228	EA		3/4" Diameter x 6" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	138.97	
			<i>For >10 To 50, Deduct</i>	-1.23	
			<i>For >50 To 100, Deduct</i>	-5.32	
			<i>For >100 To 250, Deduct</i>	-10.65	
			<i>For >250 To 500, Deduct</i>	-17.20	
			<i>For >500, Deduct</i>	-23.76	
06 05 23 00-0229	EA		3/4" Diameter x 8" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	144.56	
			<i>For >10 To 50, Deduct</i>	-1.29	
			<i>For >50 To 100, Deduct</i>	-5.55	
			<i>For >100 To 250, Deduct</i>	-11.09	
			<i>For >250 To 500, Deduct</i>	-17.93	
			<i>For >500, Deduct</i>	-24.76	
06 05 23 00-0230	EA		3/4" Diameter x 10" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	202.53	
			<i>For >10 To 50, Deduct</i>	-1.40	
			<i>For >50 To 100, Deduct</i>	-7.16	
			<i>For >100 To 250, Deduct</i>	-14.33	
			<i>For >250 To 500, Deduct</i>	-22.89	
			<i>For >500, Deduct</i>	-31.46	
06 05 23 00-0231	EA		3/4" Diameter x 12" Length, 304/18-8 Stainless Steel, Hex Lag Bolt.....	221.40	
			<i>For >10 To 50, Deduct</i>	-1.46	
			<i>For >50 To 100, Deduct</i>	-7.72	
			<i>For >100 To 250, Deduct</i>	-15.44	
			<i>For >250 To 500, Deduct</i>	-24.61	
			<i>For >500, Deduct</i>	-33.79	
06 05 23 00-0232			Stainless Steel Screws <small>(06 05 23 00-0093)</small>		
06 05 23 00-0233	EA		#8 x 1-1/2" Stainless Steel Screw.....	2.34	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0234 EA #9 x 1-1/2" Stainless Steel Screw	2.39	
06 05 23 00-0235 EA #10 x 1-1/2" Stainless Steel Screw	2.46	
06 05 23 00-0236 EA #12 x 1-1/2" Stainless Steel Screw	2.68	
06 05 23 00-0237 Galvanized Steel Screws <small>(06 05 23 00-0093)</small>		
06 05 23 00-0238 EA #8 x 1-1/2" Galvanized Steel Screw	2.11	
06 05 23 00-0239 EA #9 x 1-1/2" Galvanized Steel Screw	2.16	
06 05 23 00-0240 EA #10 x 1-1/2" Galvanized Steel Screw	2.22	
06 05 23 00-0241 EA #12 x 1-1/2" Galvanized Steel Screw	2.41	
06 05 23 00-0242 EA #8 x 2-1/2" Galvanized Steel Screw	2.16	
06 05 23 00-0243 EA #9 x 2-1/2" Galvanized Steel Screw	2.21	
06 05 23 00-0244 EA #10 x 2-1/2" Galvanized Steel Screw	2.28	
06 05 23 00-0245 EA #12 x 2-1/2" Galvanized Steel Screw	2.52	
06 05 23 00-0246 Timber Bolts <small>(06 05 23 00-0093)</small>		
<small>Note: Includes drilling of holes in any material.</small>		
06 05 23 00-0247 EA 5/8" - 11 x 4" Threaded x 8" OAL A153 Galvanized Timber Bolt (Fastenal #11103914)	38.60	
<i>For >10 To 50, Deduct</i>	-1.18	
<i>For >50 To 100, Deduct</i>	-2.74	
<i>For >100 To 250, Deduct</i>	-5.48	
<i>For >250 To 500, Deduct</i>	-9.41	
<i>For >500, Deduct</i>	-13.33	
06 05 23 00-0248 EA 5/8" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103915)	43.67	
<i>For >10 To 50, Deduct</i>	-1.33	
<i>For >50 To 100, Deduct</i>	-3.08	
<i>For >100 To 250, Deduct</i>	-6.16	
<i>For >250 To 500, Deduct</i>	-10.57	
<i>For >500, Deduct</i>	-14.97	
06 05 23 00-0249 EA 5/8" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103916)	47.26	
<i>For >10 To 50, Deduct</i>	-1.41	
<i>For >50 To 100, Deduct</i>	-3.30	
<i>For >100 To 250, Deduct</i>	-6.60	
<i>For >250 To 500, Deduct</i>	-11.31	
<i>For >500, Deduct</i>	-16.02	
06 05 23 00-0250 EA 5/8" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103917)	52.99	
<i>For >10 To 50, Deduct</i>	-1.49	
<i>For >50 To 100, Deduct</i>	-3.56	
<i>For >100 To 250, Deduct</i>	-7.13	
<i>For >250 To 500, Deduct</i>	-12.18	
<i>For >500, Deduct</i>	-17.24	
06 05 23 00-0251 EA 5/8" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103918)	56.47	
<i>For >10 To 50, Deduct</i>	-1.57	
<i>For >50 To 100, Deduct</i>	-3.77	
<i>For >100 To 250, Deduct</i>	-7.54	
<i>For >250 To 500, Deduct</i>	-12.89	
<i>For >500, Deduct</i>	-18.24	
06 05 23 00-0252 EA 5/8" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103919)	58.60	
<i>For >10 To 50, Deduct</i>	-1.64	
<i>For >50 To 100, Deduct</i>	-3.93	
<i>For >100 To 250, Deduct</i>	-7.86	
<i>For >250 To 500, Deduct</i>	-13.43	
<i>For >500, Deduct</i>	-19.00	
06 05 23 00-0253 EA 3/4" - 11 x 4" Threaded x 10" OAL A153 Galvanized Timber Bolt (Fastenal #11103920)	52.81	
<i>For >10 To 50, Deduct</i>	-1.41	
<i>For >50 To 100, Deduct</i>	-3.44	
<i>For >100 To 250, Deduct</i>	-6.88	
<i>For >250 To 500, Deduct</i>	-11.73	
<i>For >500, Deduct</i>	-16.58	
06 05 23 00-0254 EA 3/4" - 11 x 6" Threaded x 12" OAL A153 Galvanized Timber Bolt (Fastenal #11103921)	55.27	
<i>For >10 To 50, Deduct</i>	-1.47	
<i>For >50 To 100, Deduct</i>	-3.59	
<i>For >100 To 250, Deduct</i>	-7.17	
<i>For >250 To 500, Deduct</i>	-12.23	
<i>For >500, Deduct</i>	-17.28	
06 05 23 00-0255 EA 3/4" - 11 x 6" Threaded x 14" OAL A153 Galvanized Timber Bolt (Fastenal #11103922)	61.51	
<i>For >10 To 50, Deduct</i>	-1.56	
<i>For >50 To 100, Deduct</i>	-3.87	
<i>For >100 To 250, Deduct</i>	-7.74	
<i>For >250 To 500, Deduct</i>	-13.17	
<i>For >500, Deduct</i>	-18.60	
06 05 23 00-0256 EA 3/4" - 11 x 6" Threaded x 16" OAL A153 Galvanized Timber Bolt (Fastenal #11103923)	66.17	
<i>For >10 To 50, Deduct</i>	-1.64	
<i>For >50 To 100, Deduct</i>	-4.11	
<i>For >100 To 250, Deduct</i>	-8.22	
<i>For >250 To 500, Deduct</i>	-13.96	
<i>For >500, Deduct</i>	-19.71	
06 05 23 00-0257 EA 3/4" - 11 x 6" Threaded x 18" OAL A153 Galvanized Timber Bolt (Fastenal #11103924)	71.27	
<i>For >10 To 50, Deduct</i>	-1.72	
<i>For >50 To 100, Deduct</i>	-4.36	
<i>For >100 To 250, Deduct</i>	-8.71	
<i>For >250 To 500, Deduct</i>	-14.79	
<i>For >500, Deduct</i>	-20.86	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 05 23 00-0258		Supports <small>(06 05 23)</small>		
06 05 23 00-0259		Shear Plates <small>(06 05 23 00-0258)</small>		
06 05 23 00-0260	EA	2-5/8" Diameter, Shear Plate	16.08	4.23
		<i>For >10 To 50, Deduct</i>	-0.48	
		<i>For >50 To 100, Deduct</i>	-1.12	
		<i>For >100 To 250, Deduct</i>	-2.23	
		<i>For >250 To 500, Deduct</i>	-3.82	
		<i>For >500, Deduct</i>	-5.42	
06 05 23 00-0261	EA	4" Diameter, Shear Plate	15.43	4.46
		<i>For >10 To 50, Deduct</i>	-0.50	
		<i>For >50 To 100, Deduct</i>	-1.13	
		<i>For >100 To 250, Deduct</i>	-2.26	
		<i>For >250 To 500, Deduct</i>	-3.89	
		<i>For >500, Deduct</i>	-5.52	
06 05 23 00-0262		Sill Anchors <small>(06 05 23 00-0258)</small>		
06 05 23 00-0263	EA	Sill Anchor Embedded In Concrete	13.65	4.46
		<i>For >10 To 50, Deduct</i>	-0.50	
		<i>For >50 To 100, Deduct</i>	-1.09	
		<i>For >100 To 250, Deduct</i>	-2.17	
		<i>For >250 To 500, Deduct</i>	-3.75	
		<i>For >500, Deduct</i>	-5.34	
06 05 23 00-0264		Spike Grids <small>(06 05 23 00-0258)</small>		
06 05 23 00-0265	EA	3" x 6" Flat Or Curved Spike Grid	12.13	4.23
		<i>For >10 To 50, Deduct</i>	-0.48	
		<i>For >50 To 100, Deduct</i>	-1.02	
		<i>For >100 To 250, Deduct</i>	-2.03	
		<i>For >250 To 500, Deduct</i>	-3.53	
		<i>For >500, Deduct</i>	-5.02	
06 05 23 00-0266		Split Rings <small>(06 05 23 00-0258)</small>		
06 05 23 00-0267	EA	2-1/2" Diameter Split Ring	16.30	4.23
		<i>For >10 To 50, Deduct</i>	-0.48	
		<i>For >50 To 100, Deduct</i>	-1.12	
		<i>For >100 To 250, Deduct</i>	-2.24	
		<i>For >250 To 500, Deduct</i>	-3.84	
		<i>For >500, Deduct</i>	-5.44	
06 05 23 00-0268	EA	4" Diameter Split Ring	17.53	4.69
		<i>For >10 To 50, Deduct</i>	-0.52	
		<i>For >50 To 100, Deduct</i>	-1.22	
		<i>For >100 To 250, Deduct</i>	-2.44	
		<i>For >250 To 500, Deduct</i>	-4.17	
		<i>For >500, Deduct</i>	-5.91	
06 05 23 00-0269		Toothed Rings <small>(06 05 23 00-0258)</small>		
06 05 23 00-0270	EA	2-5/8" Or 4" Toothed Ring	12.91	4.23
		<i>For >10 To 50, Deduct</i>	-0.48	
		<i>For >50 To 100, Deduct</i>	-1.04	
		<i>For >100 To 250, Deduct</i>	-2.07	
		<i>For >250 To 500, Deduct</i>	-3.59	
		<i>For >500, Deduct</i>	-5.10	
06 05 23 00-0271		Straps And Shields <small>(06 05 23)</small>		
06 05 23 00-0272		Shield Plate <small>(06 05 23 00-0271)</small>		
06 05 23 00-0273	EA	5" Wide x 8" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN58Z)	8.48	
		<i>For >10 To 50, Deduct</i>	-0.07	
		<i>For >50 To 100, Deduct</i>	-0.28	
		<i>For >100 To 250, Deduct</i>	-0.57	
		<i>For >250 To 500, Deduct</i>	-0.99	
		<i>For >500, Deduct</i>	-1.51	
06 05 23 00-0274	EA	5" Wide x 16" Long, 16 Gauge, Galvanized Shield Plate (Simpson Strong Tie® PSPN516Z)	13.45	
		<i>For >10 To 50, Deduct</i>	-0.09	
		<i>For >50 To 100, Deduct</i>	-0.42	
		<i>For >100 To 250, Deduct</i>	-0.84	
		<i>For >250 To 500, Deduct</i>	-1.44	
		<i>For >500, Deduct</i>	-2.13	
06 05 23 00-0275		Strap Ties <small>(06 05 23 00-0271)</small>		
06 05 23 00-0276	EA	1-1/4" Wide x 9" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA9)	3.31	
		<i>For >10 To 50, Deduct</i>	-0.06	
		<i>For >50 To 100, Deduct</i>	-0.14	
		<i>For >100 To 250, Deduct</i>	-0.28	
		<i>For >250 To 500, Deduct</i>	-0.53	
		<i>For >500, Deduct</i>	-0.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0277 EA 1-1/4" Wide x 12" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA12).....	3.40	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.14	
<i>For >100 To 250, Deduct</i>	-0.28	
<i>For >250 To 500, Deduct</i>	-0.54	
<i>For >500, Deduct</i>	-0.86	
06 05 23 00-0278 EA 1-1/4" Wide x 15" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA15).....	4.34	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.18	
<i>For >100 To 250, Deduct</i>	-0.36	
<i>For >250 To 500, Deduct</i>	-0.68	
<i>For >500, Deduct</i>	-1.09	
06 05 23 00-0279 EA 1-1/4" Wide x 18" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA18).....	4.50	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.18	
<i>For >100 To 250, Deduct</i>	-0.37	
<i>For >250 To 500, Deduct</i>	-0.70	
<i>For >500, Deduct</i>	-1.11	
06 05 23 00-0280 EA 1-1/4" Wide x 21" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA21).....	4.67	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.19	
<i>For >100 To 250, Deduct</i>	-0.38	
<i>For >250 To 500, Deduct</i>	-0.71	
<i>For >500, Deduct</i>	-1.12	
06 05 23 00-0281 EA 1-1/4" Wide x 24" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA24).....	5.37	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.22	
<i>For >100 To 250, Deduct</i>	-0.44	
<i>For >250 To 500, Deduct</i>	-0.83	
<i>For >500, Deduct</i>	-1.33	
06 05 23 00-0282 EA 1-1/4" Wide x 30" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA30).....	6.93	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.26	
<i>For >100 To 250, Deduct</i>	-0.52	
<i>For >250 To 500, Deduct</i>	-0.95	
<i>For >500, Deduct</i>	-1.48	
06 05 23 00-0283 EA 1-1/4" Wide x 36" Long, 20 Gauge, Galvanized Strap Tie (Simpson Strong Tie® LSTA36).....	8.03	
<i>For >10 To 50, Deduct</i>	-0.10	
<i>For >50 To 100, Deduct</i>	-0.30	
<i>For >100 To 250, Deduct</i>	-0.60	
<i>For >250 To 500, Deduct</i>	-1.10	
<i>For >500, Deduct</i>	-1.72	
06 05 23 00-0284 EA 1-1/4" Wide x 9" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A9).....	3.66	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.15	
<i>For >100 To 250, Deduct</i>	-0.30	
<i>For >250 To 500, Deduct</i>	-0.56	
<i>For >500, Deduct</i>	-0.89	
06 05 23 00-0285 EA 1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A12).....	3.79	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.15	
<i>For >100 To 250, Deduct</i>	-0.30	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >500, Deduct</i>	-0.90	
06 05 23 00-0286 EA 1-1/4" Wide x 15" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A15).....	4.83	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.19	
<i>For >100 To 250, Deduct</i>	-0.38	
<i>For >250 To 500, Deduct</i>	-0.72	
<i>For >500, Deduct</i>	-1.14	
06 05 23 00-0287 EA 1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A18).....	5.03	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.20	
<i>For >100 To 250, Deduct</i>	-0.39	
<i>For >250 To 500, Deduct</i>	-0.73	
<i>For >500, Deduct</i>	-1.16	
06 05 23 00-0288 EA 1-1/4" Wide x 21" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A21).....	5.13	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.20	
<i>For >100 To 250, Deduct</i>	-0.40	
<i>For >250 To 500, Deduct</i>	-0.74	
<i>For >500, Deduct</i>	-1.17	
06 05 23 00-0289 EA 1-1/4" Wide x 24" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A24).....	5.87	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.23	
<i>For >100 To 250, Deduct</i>	-0.47	
<i>For >250 To 500, Deduct</i>	-0.87	
<i>For >500, Deduct</i>	-1.38	
06 05 23 00-0290 EA 1-1/4" Wide x 30" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST A30).....	7.26	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.27	
<i>For >100 To 250, Deduct</i>	-0.53	
<i>For >250 To 500, Deduct</i>	-0.97	
<i>For >500, Deduct</i>	-1.51	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0291	EA		1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST36).....	8.04	
			<i>For >10 To 50, Deduct</i>	-0.10	
			<i>For >50 To 100, Deduct</i>	-0.30	
			<i>For >100 To 250, Deduct</i>	-0.60	
			<i>For >250 To 500, Deduct</i>	-1.10	
			<i>For >500, Deduct</i>	-1.72	
06 05 23 00-0292	EA		1-1/4" Wide x 36" Long, 18 Gauge, Galvanized Strap Tie (Simpson Strong Tie® MST49).....	12.64	
			<i>For >10 To 50, Deduct</i>	-0.11	
			<i>For >50 To 100, Deduct</i>	-0.43	
			<i>For >100 To 250, Deduct</i>	-0.86	
			<i>For >250 To 500, Deduct</i>	-1.52	
			<i>For >500, Deduct</i>	-2.32	
06 05 23 00-0293	EA		1-1/4" Wide x 9" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST9).....	4.31	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.16	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.61	
			<i>For >500, Deduct</i>	-0.96	
06 05 23 00-0294	EA		1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST12).....	4.32	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.17	
			<i>For >100 To 250, Deduct</i>	-0.33	
			<i>For >250 To 500, Deduct</i>	-0.61	
			<i>For >500, Deduct</i>	-0.96	
06 05 23 00-0295	EA		1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST18).....	5.26	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.20	
			<i>For >100 To 250, Deduct</i>	-0.41	
			<i>For >250 To 500, Deduct</i>	-0.75	
			<i>For >500, Deduct</i>	-1.18	
06 05 23 00-0296	EA		1-1/4" Wide x 22" Long, 16 Gauge, Galvanized Strap Tie (Simpson Strong Tie® ST22).....	7.26	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >100 To 250, Deduct</i>	-0.53	
			<i>For >250 To 500, Deduct</i>	-0.97	
			<i>For >500, Deduct</i>	-1.51	
06 05 23 00-0297	EA		1-3/8" Wide x 6" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS6).....	6.17	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.21	
			<i>For >100 To 250, Deduct</i>	-0.42	
			<i>For >250 To 500, Deduct</i>	-0.75	
			<i>For >500, Deduct</i>	-1.14	
06 05 23 00-0298	EA		1-3/8" Wide x 8" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS8).....	6.79	
			<i>For >10 To 50, Deduct</i>	-0.06	
			<i>For >50 To 100, Deduct</i>	-0.23	
			<i>For >100 To 250, Deduct</i>	-0.45	
			<i>For >250 To 500, Deduct</i>	-0.79	
			<i>For >500, Deduct</i>	-1.20	
06 05 23 00-0299	EA		1-3/8" Wide x 12" Long, 12 Gauge, Galvanized Strap Tie (Simpson Strong Tie® HRS12).....	8.91	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.29	
			<i>For >100 To 250, Deduct</i>	-0.59	
			<i>For >250 To 500, Deduct</i>	-1.03	
			<i>For >500, Deduct</i>	-1.55	
06 05 23 00-0300	EA		2-1/16" Wide x 27" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST27).....	13.22	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.42	
			<i>For >100 To 250, Deduct</i>	-0.83	
			<i>For >250 To 500, Deduct</i>	-1.42	
			<i>For >500, Deduct</i>	-2.11	
06 05 23 00-0301	EA		2-1/16" Wide x 37" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST37).....	16.46	
			<i>For >10 To 50, Deduct</i>	-0.10	
			<i>For >50 To 100, Deduct</i>	-0.51	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.73	
			<i>For >500, Deduct</i>	-2.57	
06 05 23 00-0302	EA		2-1/16" Wide x 48" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST48).....	24.30	
			<i>For >10 To 50, Deduct</i>	-0.11	
			<i>For >50 To 100, Deduct</i>	-0.72	
			<i>For >100 To 250, Deduct</i>	-1.44	
			<i>For >250 To 500, Deduct</i>	-2.39	
			<i>For >500, Deduct</i>	-3.48	
06 05 23 00-0303	EA		2-1/16" Wide x 60" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST60).....	42.20	
			<i>For >10 To 50, Deduct</i>	-0.13	
			<i>For >50 To 100, Deduct</i>	-1.18	
			<i>For >100 To 250, Deduct</i>	-2.37	
			<i>For >250 To 500, Deduct</i>	-3.81	
			<i>For >500, Deduct</i>	-5.40	
06 05 23 00-0304	EA		2-1/16" Wide x 72" Long, 12 Gauge, Galvanized Medium Strap Tie (Simpson Strong Tie® MST72).....	54.37	
			<i>For >10 To 50, Deduct</i>	-0.14	
			<i>For >50 To 100, Deduct</i>	-1.50	
			<i>For >100 To 250, Deduct</i>	-3.00	
			<i>For >250 To 500, Deduct</i>	-4.79	
			<i>For >500, Deduct</i>	-6.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0305 EA 3" Wide x 28-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC28).....	15.74	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.48	
<i>For >100 To 250, Deduct</i>	-0.96	
<i>For >250 To 500, Deduct</i>	-1.61	
<i>For >500, Deduct</i>	-2.36	
06 05 23 00-0306 EA 3" Wide x 40-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC40).....	20.30	
<i>For >10 To 50, Deduct</i>	-0.10	
<i>For >50 To 100, Deduct</i>	-0.61	
<i>For >100 To 250, Deduct</i>	-1.22	
<i>For >250 To 500, Deduct</i>	-2.02	
<i>For >500, Deduct</i>	-2.95	
06 05 23 00-0307 EA 3" Wide x 52-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC52).....	23.70	
<i>For >10 To 50, Deduct</i>	-0.11	
<i>For >50 To 100, Deduct</i>	-0.71	
<i>For >100 To 250, Deduct</i>	-1.41	
<i>For >250 To 500, Deduct</i>	-2.35	
<i>For >500, Deduct</i>	-3.42	
06 05 23 00-0308 EA 3" Wide x 66-1/4" Long, 16 Gauge, Galvanized Strap Ties (Simpson Strong Tie® MSTC66).....	36.01	
<i>For >10 To 50, Deduct</i>	-0.13	
<i>For >50 To 100, Deduct</i>	-1.03	
<i>For >100 To 250, Deduct</i>	-2.06	
<i>For >250 To 500, Deduct</i>	-3.34	
<i>For >500, Deduct</i>	-4.78	
06 05 23 00-0309 Twist Strap Ties <small>(06 05 23 00-0271)</small>		
06 05 23 00-0310 EA 1-1/4" Wide x 12" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS12).....	3.86	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.15	
<i>For >100 To 250, Deduct</i>	-0.31	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >500, Deduct</i>	-0.91	
06 05 23 00-0311 EA 1-1/4" Wide x 16" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS16).....	4.84	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.19	
<i>For >100 To 250, Deduct</i>	-0.37	
<i>For >250 To 500, Deduct</i>	-0.68	
<i>For >500, Deduct</i>	-1.08	
06 05 23 00-0312 EA 1-1/4" Wide x 18" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS18).....	5.58	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.21	
<i>For >100 To 250, Deduct</i>	-0.42	
<i>For >250 To 500, Deduct</i>	-0.78	
<i>For >500, Deduct</i>	-1.22	
06 05 23 00-0313 EA 1-1/4" Wide x 20" Long, 18 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® LTS20).....	6.04	
<i>For >10 To 50, Deduct</i>	-0.08	
<i>For >50 To 100, Deduct</i>	-0.23	
<i>For >100 To 250, Deduct</i>	-0.46	
<i>For >250 To 500, Deduct</i>	-0.85	
<i>For >500, Deduct</i>	-1.33	
06 05 23 00-0314 EA 1-1/4" Wide x 12" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS12).....	3.82	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.15	
<i>For >100 To 250, Deduct</i>	-0.31	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >500, Deduct</i>	-0.91	
06 05 23 00-0315 EA 1-1/4" Wide x 16" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS16).....	4.92	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.19	
<i>For >100 To 250, Deduct</i>	-0.37	
<i>For >250 To 500, Deduct</i>	-0.69	
<i>For >500, Deduct</i>	-1.08	
06 05 23 00-0316 EA 1-1/4" Wide x 18" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS18).....	5.72	
<i>For >10 To 50, Deduct</i>	-0.07	
<i>For >50 To 100, Deduct</i>	-0.21	
<i>For >100 To 250, Deduct</i>	-0.43	
<i>For >250 To 500, Deduct</i>	-0.79	
<i>For >500, Deduct</i>	-1.23	
06 05 23 00-0317 EA 1-1/4" Wide x 20" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS20).....	6.09	
<i>For >10 To 50, Deduct</i>	-0.08	
<i>For >50 To 100, Deduct</i>	-0.23	
<i>For >100 To 250, Deduct</i>	-0.46	
<i>For >250 To 500, Deduct</i>	-0.85	
<i>For >500, Deduct</i>	-1.33	
06 05 23 00-0318 EA 1-1/4" Wide x 24" Long, 16 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® MTS24).....	8.30	
<i>For >10 To 50, Deduct</i>	-0.09	
<i>For >50 To 100, Deduct</i>	-0.29	
<i>For >100 To 250, Deduct</i>	-0.59	
<i>For >250 To 500, Deduct</i>	-1.05	
<i>For >500, Deduct</i>	-1.62	
06 05 23 00-0319 EA 1-1/4" Wide x 16" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS16).....	6.34	
<i>For >10 To 50, Deduct</i>	-0.06	
<i>For >50 To 100, Deduct</i>	-0.22	
<i>For >100 To 250, Deduct</i>	-0.45	
<i>For >250 To 500, Deduct</i>	-0.80	
<i>For >500, Deduct</i>	-1.23	

06 Wood, Plastics, and Composites**06 05 Common Work Results for Wood, Plastics, and Composites****06 05 23 Wood, Plastic, and Composite Fastenings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0320	EA		1-1/4" Wide x 20" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS20)	7.59	
			<i>For >10 To 50, Deduct</i>	-0.08	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >100 To 250, Deduct</i>	-0.54	
			<i>For >250 To 500, Deduct</i>	-0.96	
			<i>For >500, Deduct</i>	-1.48	
06 05 23 00-0321	EA		1-1/4" Wide x 24" Long, 14 Gauge, Galvanized Twist Strap Tie (Simpson Strong Tie® HTS24)	8.82	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.31	
			<i>For >100 To 250, Deduct</i>	-0.61	
			<i>For >250 To 500, Deduct</i>	-1.09	
			<i>For >500, Deduct</i>	-1.67	
06 05 23 00-0322			Retrofit Plate Strap <small>(06 05 23 00-0271)</small>		
06 05 23 00-0323	EA		1-3/8" Wide x 18-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS18).....	6.36	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.23	
			<i>For >100 To 250, Deduct</i>	-0.46	
			<i>For >250 To 500, Deduct</i>	-0.83	
			<i>For >500, Deduct</i>	-1.29	
06 05 23 00-0324	EA		1-3/8" Wide x 22-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS22).....	7.26	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.25	
			<i>For >100 To 250, Deduct</i>	-0.51	
			<i>For >250 To 500, Deduct</i>	-0.90	
			<i>For >500, Deduct</i>	-1.38	
06 05 23 00-0325	EA		1-3/8" Wide x 28-5/16" Long, 16 Gauge, Galvanized Retrofit Plate Strap (Simpson Strong Tie® RPS28).....	8.69	
			<i>For >10 To 50, Deduct</i>	-0.07	
			<i>For >50 To 100, Deduct</i>	-0.29	
			<i>For >100 To 250, Deduct</i>	-0.58	
			<i>For >250 To 500, Deduct</i>	-1.01	
			<i>For >500, Deduct</i>	-1.53	
06 05 23 00-0326			Stud Shoe <small>(06 05 23 00-0271)</small>		
06 05 23 00-0327	EA		6" High With 3-1/4" Wide Tabs For 2X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS1.5).....	10.82	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.36	
			<i>For >100 To 250, Deduct</i>	-0.71	
			<i>For >250 To 500, Deduct</i>	-1.24	
			<i>For >500, Deduct</i>	-1.87	
06 05 23 00-0328	EA		6" High With 3-1/4" Wide Tabs For 3X Stud, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS2.5).....	21.34	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.62	
			<i>For >100 To 250, Deduct</i>	-1.24	
			<i>For >250 To 500, Deduct</i>	-2.03	
			<i>For >500, Deduct</i>	-2.92	
06 05 23 00-0329	EA		6" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS3).....	21.43	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.62	
			<i>For >100 To 250, Deduct</i>	-1.24	
			<i>For >250 To 500, Deduct</i>	-2.04	
			<i>For >500, Deduct</i>	-2.93	
06 05 23 00-0330	EA		6" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® SS4.5).....	28.74	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.80	
			<i>For >100 To 250, Deduct</i>	-1.61	
			<i>For >250 To 500, Deduct</i>	-2.58	
			<i>For >500, Deduct</i>	-3.66	
06 05 23 00-0331	EA		7-1/8" High With 3-1/4" Wide Tabs For 2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-SDS1.5).....	27.00	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.76	
			<i>For >100 To 250, Deduct</i>	-1.52	
			<i>For >250 To 500, Deduct</i>	-2.45	
			<i>For >500, Deduct</i>	-3.49	
06 05 23 00-0332	EA		7-1/8" High With 3-1/4" Wide Tabs For 2-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie HSS2-2-SDS3).....	29.26	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.82	
			<i>For >100 To 250, Deduct</i>	-1.63	
			<i>For >250 To 500, Deduct</i>	-2.62	
			<i>For >500, Deduct</i>	-3.71	
06 05 23 00-0333	EA		7-1/8" High With 3-1/4" Wide Tabs For 3-2X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS2-3-SDS3).....	30.98	
			<i>For >10 To 50, Deduct</i>	-0.09	
			<i>For >50 To 100, Deduct</i>	-0.86	
			<i>For >100 To 250, Deduct</i>	-1.72	
			<i>For >250 To 500, Deduct</i>	-2.75	
			<i>For >500, Deduct</i>	-3.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 05 23 00-0334 EA 7-1/8" High With 3-1/4" Wide Tabs For 4X Studs, 16 Gauge, Galvanized Stud Shoe (Simpson Strong Tie® HSS4-SDS3).....	46.83	
For >10 To 50, Deduct	-0.09	
For >50 To 100, Deduct	-1.26	
For >100 To 250, Deduct	-2.51	
For >250 To 500, Deduct	-3.94	
For >500, Deduct	-5.47	
06 05 23 00-0335 Nail Stops <small>(06 05 23 00-0271)</small>		
06 05 23 00-0336 EA 1-1/2" Wide x 3" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS1).....	3.05	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.13	
For >100 To 250, Deduct	-0.27	
For >250 To 500, Deduct	-0.51	
For >500, Deduct	-0.83	
06 05 23 00-0337 EA 1-1/2" Wide x 6" Long, 16 Gauge, Galvanized Nail Stops (Simpson Strong Tie® NS2).....	3.19	
For >10 To 50, Deduct	-0.06	
For >50 To 100, Deduct	-0.14	
For >100 To 250, Deduct	-0.27	
For >250 To 500, Deduct	-0.52	
For >500, Deduct	-0.84	
06 05 73 Wood Treatment <small>(06 05)</small>		
06 05 73 13 Fire-Retardant Wood Treatment <small>(06 05 73)</small>		
06 05 73 13-0001 Preservative Treated Lumber <small>(06 05 73 13)</small>		
06 05 73 13-0002 Fire Retardant Treatment (FRT) For Lumber <small>(06 05 73 13-0001)</small>		
06 05 73 13-0003 MBF Fire Retardant Treatment (FRT) For Lumber.....	754.04	
06 05 73 33 Preservative Wood Treatment <small>(06 05 73)</small>		
06 05 73 33-0001 Preservative Treatment For Marine And Fresh Water Uses <small>(06 05 73 33)</small>		
06 05 73 33-0002 MBF Preservative Treatment For Marine And Fresh Water Lumber.....	109.16	
06 10 Rough Carpentry <small>(06)</small>		
06 11 Wood Framing <small>(06 10)</small>		
<small>Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal. See CSI section 06 05 23 00-0000 for anchors and supports.</small>		
06 11 13 Engineered Wood Products <small>(06 11)</small>		
<small>Note: All framing lumber is grade #2 or better unless otherwise listed. Dimensions are nominal.</small>		
06 11 13 00-0001 Built-Up Members <small>(06 11 13)</small>		
<small>Note: A structural framing member made from fastening separate pieces of lumber together.</small>		
06 11 13 00-0002 Built-Up Beams Or Joists <small>(06 11 13 00-0001)</small>		
06 11 13 00-0003 LF Two 2" x 6" Built-up Wood Beam Or Joist.....	4.34	1.96
For Each Additional 2" x_ " In The Built Up Member, Add	0.67	
06 11 13 00-0004 LF Two 2" x 8" Built-up Wood Beam Or Joist.....	5.35	2.31
For Each Additional 2" x_ " In The Built Up Member, Add	0.95	
06 11 13 00-0005 LF Two 2" x 10" Built-up Wood Beam Or Joist.....	6.79	2.76
For Each Additional 2" x_ " In The Built Up Member, Add	1.33	
06 11 13 00-0006 Built-Up Posts <small>(06 11 13 00-0001)</small>		
06 11 13 00-0007 LF Two 2" x 6" Built-up Wood Post.....	4.34	1.96
For Each Additional 2" x_ " In The Built Up Member, Add	0.67	
06 11 13 00-0008 LF Two 2" x 8" Built-up Wood Post.....	5.35	2.31
For Each Additional 2" x_ " In The Built Up Member, Add	0.95	
06 11 13 00-0009 LF Two 2" x 10" Built-up Wood Post.....	6.79	2.76
For Each Additional 2" x_ " In The Built Up Member, Add	1.33	
06 11 16 Mechanically Graded Lumber <small>(06 11)</small>		
06 11 16 00-0001 Rafters And Joists <small>(06 11 16)</small>		
06 11 16 00-0002 Rafters <small>(06 11 16 00-0001)</small>		
<small>Note: An inclined roof framing member to which a roof covering is attached.</small>		
06 11 16 00-0003 LF 2" x 6" Wood Rafter.....	2.51	1.38
06 11 16 00-0004 LF 2" x 8" Wood Rafter.....	2.91	1.49
06 11 16 00-0005 LF 2" x 10" Wood Rafter.....	4.19	2.18
06 11 16 00-0006 LF 2" x 12" Wood Rafter.....	4.82	2.42
06 11 16 00-0007 LF 2" x 14" Wood Rafter.....	5.23	2.65
06 11 16 00-0008 LF 2" x 6" Pressure Treated Wood Rafter.....	3.01	1.38
06 11 16 00-0009 LF 2" x 8" Pressure Treated Wood Rafter.....	3.61	1.49
06 11 16 00-0010 LF 2" x 10" Pressure Treated Wood Rafter.....	4.91	2.18
06 11 16 00-0011 LF 2" x 12" Pressure Treated Wood Rafter.....	5.88	2.42

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
06 11 16 00-0012		Joists (06 11 16 00-0001)			
		Note: A series of parallel beams to support floors or ceilings.			
06 11 16 00-0013	LF	2" x 6" Wood Floor Joist.....	2.16		1.15
06 11 16 00-0014	LF	2" x 8" Wood Floor Joist.....	2.68		1.27
06 11 16 00-0015	LF	2" x 10" Wood Floor Joist.....	3.39		1.62
06 11 16 00-0016	LF	2" x 12" Wood Floor Joist.....	4.02		1.84
06 11 16 00-0017	LF	2" x 14" Wood Floor Joist.....	4.43		1.96
06 11 16 00-0018	LF	2" x 6" Pressure Treated Wood Floor Joist.....	2.66		1.15
06 11 16 00-0019	LF	2" x 8" Pressure Treated Wood Floor Joist.....	3.38		1.27
06 11 16 00-0020	LF	2" x 10" Pressure Treated Wood Floor Joist.....	4.11		1.62
06 11 16 00-0021	LF	2" x 12" Pressure Treated Wood Floor Joist.....	5.08		1.84
06 11 16 00-0022		Purlins (06 11 16 00-0001)			
		Note: A horizontal structural member in a roof, supporting the loads from the roof deck or sheathing.			
06 11 16 00-0023	LF	2" x 4" Wood Purlin.....	1.78		0.69
06 11 16 00-0024	LF	2" x 6" Wood Purlin.....	2.19		0.76
06 11 16 00-0025	LF	2" x 8" Wood Purlin.....	2.62		0.84
06 11 16 00-0026	LF	2" x 10" Wood Purlin.....	3.16		0.92
06 11 16 00-0027	LF	2" x 4" Pressure Treated Wood Purlin.....	2.08		0.69
06 11 16 00-0028	LF	2" x 6" Pressure Treated Wood Purlin.....	2.69		0.76
06 11 16 00-0029	LF	2" x 8" Pressure Treated Wood Purlin.....	3.32		0.84
06 11 16 00-0030	LF	2" x 10" Pressure Treated Wood Purlin.....	3.88		0.92
06 11 16 00-0031		Exposed Rafters Or Joists (06 11 16 00-0001)			
06 11 16 00-0032		Redwood Rafters Or Joists (06 11 16 00-0031)			
06 11 16 00-0033	LF	2" x 6" Redwood Rafter Or Joist.....	3.15		1.15
06 11 16 00-0034	LF	2" x 8" Redwood Rafter Or Joist.....	3.83		1.27
06 11 16 00-0035	LF	2" x 10" Redwood Rafter Or Joist.....	4.75		1.62
06 11 16 00-0036	LF	2" x 12" Redwood Rafter Or Joist.....	5.74		1.84
06 11 16 00-0037		Cedar Rafters Or Joists (06 11 16 00-0031)			
06 11 16 00-0038	LF	2" x 6" Cedar Rafter Or Joist.....	2.17		1.15
06 11 16 00-0039	LF	2" x 8" Cedar Rafter Or Joist.....	2.45		1.27
06 11 16 00-0040	LF	2" x 10" Cedar Rafter Or Joist.....	2.84		1.62
06 11 16 00-0041	LF	2" x 12" Cedar Rafter Or Joist.....	3.23		1.84
06 11 16 00-0042		Oak Rafters Or Joists (06 11 16 00-0031)			
06 11 16 00-0043	LF	2" x 6" Oak Rafter Or Joist.....	2.57		1.15
06 11 16 00-0044	LF	2" x 8" Oak Rafter Or Joist.....	3.47		1.27
06 11 16 00-0045	LF	2" x 10" Oak Rafter Or Joist.....	4.46		1.62
06 11 16 00-0046	LF	2" x 12" Oak Rafter Or Joist.....	5.47		1.84
06 11 16 00-0047		Framing (06 11 16)			
06 11 16 00-0048		Partition Framing (06 11 16 00-0047)			
06 11 16 00-0049	LF	2" x 4" Wood Stud Framing, For Partition Walls.....	1.72		0.92
06 11 16 00-0050	LF	2" x 6" Wood Stud Framing, For Partition Walls.....	2.05		0.98
06 11 16 00-0051	LF	2" x 8" Wood Stud Framing, For Partition Walls.....	2.39		1.04
06 11 16 00-0052	LF	2" x 4" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.02		0.92
06 11 16 00-0053	LF	2" x 6" Pressure Treated Wood Stud Framing, For Partition Walls.....	2.55		0.98
06 11 16 00-0054	LF	2" x 8" Pressure Treated Wood Stud Framing, For Partition Walls.....	3.09		1.04
06 11 16 00-0055		Wall Framing Assemblies By The SF (06 11 16 00-0047)			
		Note: Includes single bottom and double top plates, center support bracing, vertical studs and appropriate fastening devices. Excludes blocking for wall mounted fixtures or cabinets. Per SF of wall area measures one side. Do not deduct for openings of less than 25 SF when calculating total wall square footage.			
06 11 16 00-0056		Wall Framing By The SF, 12" On Center (06 11 16 00-0055)			
06 11 16 00-0057	SF	2" x 4" Wood Wall Framing At 12" On Center.....	2.22		1.11
		For Up To 200, Add	0.77		
		For >200 To 500, Add	0.39		
06 11 16 00-0058	SF	2" x 6" Wood Wall Framing At 12" On Center.....	2.96		1.42
		For Up To 200, Add	1.01		
		For >200 To 500, Add	0.51		
06 11 16 00-0059	SF	2" x 8" Wood Wall Framing At 12" On Center.....	3.96		1.90
		For Up To 200, Add	1.35		
		For >200 To 500, Add	0.68		
06 11 16 00-0060		Wall Framing By The SF, 16" On Center (06 11 16 00-0055)			
06 11 16 00-0061	SF	2" x 4" Wood Wall Framing At 16" On Center.....	1.81		0.89
		For Up To 200, Add	0.63		
		For >200 To 500, Add	0.31		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0062 SF 2" x 6" Wood Wall Framing At 16" On Center..... <i>For Up To 200, Add 0.84</i> <i>For >200 To 500, Add 0.42</i>	2.47	1.19
06 11 16 00-0063 SF 2" x 8" Wood Wall Framing At 16" On Center..... <i>For Up To 200, Add 1.13</i> <i>For >200 To 500, Add 0.56</i>	3.29	1.58
06 11 16 00-0064 Wall Framing By The SF, 24" On Center (06 11 16 00-0055)		
06 11 16 00-0065 SF 2" x 4" Wood Wall Framing At 24" On Center..... <i>For Up To 200, Add 0.49</i> <i>For >200 To 500, Add 0.25</i>	1.42	0.70
06 11 16 00-0066 SF 2" x 6" Wood Wall Framing At 24" On Center..... <i>For Up To 200, Add 0.66</i> <i>For >200 To 500, Add 0.33</i>	1.93	0.92
06 11 16 00-0067 SF 2" x 8" Wood Wall Framing At 24" On Center..... <i>For Up To 200, Add 0.88</i> <i>For >200 To 500, Add 0.44</i>	2.59	1.24
06 11 16 00-0068 Sills And Plates (06 11 16)		
06 11 16 00-0069 Sills (06 11 16 00-0068) Note: A horizontal member which rests on and is attached to the foundation.		
06 11 16 00-0070 LF 2" x 4" Wood Sill	2.99	1.73
06 11 16 00-0071 LF 2" x 6" Wood Sill	3.54	1.96
06 11 16 00-0072 LF 2" x 8" Wood Sill	4.20	2.18
06 11 16 00-0073 LF 2" x 4" Pressure Treated Wood Sill.....	3.29	1.73
06 11 16 00-0074 LF 2" x 6" Pressure Treated Wood Sill.....	4.04	1.96
06 11 16 00-0075 LF 2" x 8" Pressure Treated Wood Sill.....	4.90	2.18
06 11 16 00-0076 Plates (06 11 16 00-0068) Note: A horizontal member connecting and terminating studs, posts, joists, rafters, etc. such as the top and bottom plate on a stud framed partition wall.		
06 11 16 00-0077 LF 2" x 4" Wood Plate.....	2.99	1.73
06 11 16 00-0078 LF 2" x 6" Wood Plate.....	3.54	1.96
06 11 16 00-0079 LF 2" x 8" Wood Plate.....	4.17	2.18
06 11 16 00-0080 LF 2" x 4" Pressure Treated Wood Plate	3.29	1.73
06 11 16 00-0081 LF 2" x 6" Pressure Treated Wood Plate	4.04	1.96
06 11 16 00-0082 LF 2" x 8" Pressure Treated Wood Plate	4.87	2.18
06 11 16 00-0083 Sills And Plates From Redwood (06 11 16 00-0068)		
06 11 16 00-0084 Construction Grade/Rough (06 11 16 00-0083)		
06 11 16 00-0085 LF 2" x 6" Redwood, Construction Grade/Rough.....	6.05	1.96
06 11 16 00-0086 LF 2" x 8" Redwood, Construction Grade/Rough.....	8.10	2.18
06 11 16 00-0087 LF 2" x 10" Redwood, Construction Grade/Rough.....	9.85	2.42
06 11 16 00-0088 LF 2" x 12" Redwood, Construction Grade/Rough.....	11.89	2.65
06 11 16 00-0089 Con Heart/Smooth (06 11 16 00-0083)		
06 11 16 00-0090 LF 2" x 6" Redwood, Con Heart/Smooth.....	7.40	1.96
06 11 16 00-0091 LF 2" x 8" Redwood, Con Heart/Smooth.....	10.13	2.18
06 11 16 00-0092 LF 2" x 10" Redwood, Con Heart/Smooth.....	13.29	2.42
06 11 16 00-0093 LF 2" x 12" Redwood, Con Heart/Smooth.....	15.97	2.65
06 11 16 00-0094 Suspended Ceiling Framing (06 11 16)		
06 11 16 00-0095 LF 1" x 2" Wood Suspended Ceiling Framing	2.49	1.49
06 11 16 00-0096 LF 1" x 3" Wood Suspended Ceiling Framing	2.70	1.62
06 11 16 00-0097 LF 1" x 4" Wood Suspended Ceiling Framing	2.82	1.73
06 11 16 00-0098 LF 2" x 2" Wood Suspended Ceiling Framing	2.90	1.73
06 11 16 00-0099 LF 2" x 4" Wood Suspended Ceiling Framing	3.44	1.96
06 11 16 00-0100 LF 1" x 2" Pressure Treated Wood Suspended Ceiling Framing	2.73	1.49
06 11 16 00-0101 LF 1" x 3" Pressure Treated Wood Suspended Ceiling Framing	2.71	1.62
06 11 16 00-0102 LF 1" x 4" Pressure Treated Wood Suspended Ceiling Framing	2.99	1.73
06 11 16 00-0103 LF 2" x 2" Pressure Treated Wood Suspended Ceiling Framing	3.16	1.73
06 11 16 00-0104 LF 2" x 4" Pressure Treated Wood Suspended Ceiling Framing	3.70	1.96
06 11 16 00-0105 Posts And Girts (06 11 16)		
06 11 16 00-0106 Posts (06 11 16 00-0105) Note: A vertical, upright framing member.		
06 11 16 00-0107 LF 4" x 4" Wood Post.....	4.27	2.18
06 11 16 00-0108 LF 4" x 5" Wood Post.....	4.88	2.53
06 11 16 00-0109 LF 4" x 6" Wood Post.....	5.37	2.76
06 11 16 00-0110 LF 6" x 6" Wood Post.....	5.97	3.00
06 11 16 00-0111 LF 8" x 8" Wood Post.....	6.57	3.11
06 11 16 00-0112 LF 10" x 10" Wood Post.....	7.16	3.57
06 11 16 00-0113 LF 4" x 4" Pressure Treated Wood Post	5.91	2.18

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0114	LF		3" x 6" Pressure Treated Wood Post	6.81	2.76
06 11 16 00-0115	LF		4" x 6" Pressure Treated Wood Post	8.30	2.76
06 11 16 00-0116	LF		6" x 6" Pressure Treated Wood Post	11.57	3.00
06 11 16 00-0117			Girts <small>(06 11 16 00-0105)</small>		
			Note: A horizontal member at intermediate level between columns, studs, or posts.		
06 11 16 00-0118	LF		2" x 4" Wood Girt	2.06	0.83
06 11 16 00-0119	LF		2" x 6" Wood Girt	2.49	0.91
06 11 16 00-0120	LF		2" x 8" Wood Girt	2.95	1.01
06 11 16 00-0121	LF		2" x 10" Wood Girt	3.53	1.11
06 11 16 00-0122	LF		4" x 4" Wood Girt	4.16	1.66
06 11 16 00-0123	LF		4" x 5" Wood Girt	4.76	1.87
06 11 16 00-0124	LF		4" x 6" Wood Girt	5.35	2.07
06 11 16 00-0125	LF		6" x 6" Wood Girt	5.95	2.28
06 11 16 00-0126	LF		8" x 8" Wood Girt	6.56	2.49
06 11 16 00-0127	LF		10" x 10" Wood Girt	7.14	2.70
06 11 16 00-0128	LF		2" x 4" Pressure Treated Wood Girt.....	2.36	0.83
06 11 16 00-0129	LF		2" x 6" Pressure Treated Wood Girt.....	2.99	0.91
06 11 16 00-0130	LF		2" x 8" Pressure Treated Wood Girt.....	3.65	1.01
06 11 16 00-0131	LF		2" x 10" Pressure Treated Wood Girt.....	4.25	1.11
06 11 16 00-0132	LF		4" x 4" Pressure Treated Wood Girt.....	5.91	1.66
06 11 16 00-0133	LF		3" x 6" Pressure Treated Wood Girt.....	6.81	2.07
06 11 16 00-0134	LF		4" x 6" Pressure Treated Wood Girt.....	8.30	2.07
06 11 16 00-0135	LF		6" x 6" Pressure Treated Wood Girt.....	11.57	2.28
06 11 16 00-0136			Construction Grade/Rough Redwood Posts <small>(06 11 16 00-0105)</small>		
06 11 16 00-0137	LF		4" x 4" Redwood, Construction Grade/Rough Post.....	9.44	2.18
			For Smooth "Clear", Add	1.23	
06 11 16 00-0138	LF		4" x 5" Redwood, Construction Grade/Rough Post.....	11.39	2.53
			For Smooth "Clear", Add	1.53	
06 11 16 00-0139	LF		4" x 6" Redwood, Construction Grade/Rough Post.....	13.36	2.76
			For Smooth "Clear", Add	1.84	
06 11 16 00-0140	LF		4" x 8" Redwood, Construction Grade/Rough Post.....	16.62	2.84
			For Smooth "Clear", Add	2.46	
06 11 16 00-0141	LF		4" x 10" Redwood, Construction Grade/Rough Post.....	19.95	3.03
			For Smooth "Clear", Add	3.07	
06 11 16 00-0142	LF		6" x 6" Redwood, Construction Grade/Rough Post.....	18.39	3.00
			For Smooth "Clear", Add	2.77	
06 11 16 00-0143	LF		6" x 8" Redwood, Construction Grade/Rough Post.....	23.17	3.11
			For Smooth "Clear", Add	3.69	
06 11 16 00-0144	LF		6" x 10" Redwood, Construction Grade/Rough Post.....	27.91	2.92
			For Smooth "Clear", Add	4.61	
06 11 16 00-0145	LF		8" x 8" Redwood, Construction Grade/Rough Post.....	29.57	3.11
			For Smooth "Clear", Add	4.92	
06 11 16 00-0146			Stair Stringers <small>(06 11 16)</small>		
06 11 16 00-0147	LF		2" x 10" Wood Stair Stringer	8.21	4.60
06 11 16 00-0148	LF		2" x 12" Wood Stair Stringer	9.68	5.41
06 11 16 00-0149	LF		2" x 10" Pressure Treated Wood Stair Stringer.....	8.95	4.60
06 11 16 00-0150	LF		2" x 12" Pressure Treated Wood Stair Stringer.....	10.72	5.41
06 11 16 00-0151			Blocking And Sleepers <small>(06 11 16)</small>		
06 11 16 00-0152			Blocking <small>(06 11 16 00-0151)</small>		
06 11 16 00-0153			Blocking To Wood <small>(06 11 16 00-0152)</small>		
06 11 16 00-0154	LF		2" x 4" Pressure Treated Wood Blocking To Wood.....	6.55	2.76
06 11 16 00-0155	LF		2" x 6" Pressure Treated Wood Blocking To Wood.....	7.77	3.05
06 11 16 00-0156	LF		2" x 8" Pressure Treated Wood Blocking To Wood.....	8.88	3.34
06 11 16 00-0157	LF		4" x 4" Pressure Treated Wood Blocking To Wood.....	10.30	3.67
06 11 16 00-0158	LF		4" x 6" Pressure Treated Wood Blocking To Wood.....	12.46	4.05
06 11 16 00-0159	LF		2" x 4" Wood Blocking To Wood	5.93	2.76
06 11 16 00-0160	LF		2" x 6" Wood Blocking To Wood	6.75	3.05
06 11 16 00-0161	LF		2" x 8" Wood Blocking To Wood	7.65	3.34
06 11 16 00-0162	LF		4" x 4" Wood Blocking To Wood	8.34	3.67
06 11 16 00-0163	LF		4" x 6" Wood Blocking To Wood	9.33	4.05
06 11 16 00-0164			Blocking To Steel <small>(06 11 16 00-0152)</small>		
06 11 16 00-0165	LF		2" x 4" Pressure Treated Wood Blocking To Steel.....	7.48	3.18
06 11 16 00-0166	LF		2" x 6" Pressure Treated Wood Blocking To Steel.....	8.85	3.50
06 11 16 00-0167	LF		2" x 8" Pressure Treated Wood Blocking To Steel.....	10.09	3.85
06 11 16 00-0168	LF		2" x 4" Wood Blocking To Steel	6.80	3.18
06 11 16 00-0169	LF		2" x 6" Wood Blocking To Steel	7.73	3.50
06 11 16 00-0170	LF		2" x 8" Wood Blocking To Steel	8.74	3.85
06 11 16 00-0171			Blocking To Concrete <small>(06 11 16 00-0152)</small>		
06 11 16 00-0172	LF		2" x 4" Pressure Treated Wood Blocking To Concrete	7.48	3.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0173 LF 2" x 6" Pressure Treated Wood Blocking To Concrete	8.85	3.50
06 11 16 00-0174 LF 2" x 8" Pressure Treated Wood Blocking To Concrete	10.09	3.85
06 11 16 00-0175 LF 2" x 4" Wood Blocking To Concrete	6.80	3.18
06 11 16 00-0176 LF 2" x 6" Wood Blocking To Concrete	7.73	3.50
06 11 16 00-0177 LF 2" x 8" Wood Blocking To Concrete	8.74	3.85
06 11 16 00-0178 Pressure Treated Lattice (06 11 16 00-0151)		
06 11 16 00-0179 SF 3/4" Thick Pressure Treated Wood Lattice	6.24	2.42
06 11 16 00-0180 Sleepers (06 11 16 00-0151)		
06 11 16 00-0181 Sleepers To Wood (06 11 16 00-0180)		
06 11 16 00-0182 LF 1" x 2" Pressure Treated Wood Sleeper On Wood	1.22	0.41
06 11 16 00-0183 LF 1" x 3" Pressure Treated Wood Sleeper On Wood	1.21	0.46
06 11 16 00-0184 LF 1" x 4" Pressure Treated Wood Sleeper On Wood	1.42	0.52
06 11 16 00-0185 LF 2" x 4" Pressure Treated Wood Sleeper On Wood	2.29	0.63
06 11 16 00-0186 LF 2" x 6" Pressure Treated Wood Sleeper On Wood	3.07	0.69
06 11 16 00-0187 Sleepers To Concrete (06 11 16 00-0180)		
06 11 16 00-0188 LF 1" x 2" Pressure Treated Wood Sleeper On Concrete	1.26	0.41
06 11 16 00-0189 LF 1" x 3" Pressure Treated Wood Sleeper On Concrete	1.24	0.46
06 11 16 00-0190 LF 1" x 4" Pressure Treated Wood Sleeper On Concrete	1.46	0.52
06 11 16 00-0191 LF 2" x 4" Pressure Treated Wood Sleeper On Concrete	2.39	0.63
06 11 16 00-0192 LF 2" x 6" Pressure Treated Wood Sleeper On Concrete	3.24	0.69
06 11 16 00-0193 Roofing Nailers (06 11 16)		
06 11 16 00-0194 LF 2" x 4" Pressure Treated Lumber, For Roofing Nailers	3.35	0.92
06 11 16 00-0195 LF 2" x 6" Pressure Treated Lumber, For Roofing Nailers	3.93	0.98
06 11 16 00-0196 LF 2" x 8" Pressure Treated Lumber, For Roofing Nailers	4.52	1.04
06 11 16 00-0197 Roofing Sleepers (06 11 16)		
06 11 16 00-0198 LF 2" x 4" Pressure Treated Lumber, For Roofing Sleepers	1.56	
06 11 16 00-0199 LF 4" x 4" Pressure Treated Lumber, For Roofing Sleepers	4.28	
06 11 16 00-0200 LF 4" x 6" Pressure Treated Lumber, For Roofing Sleepers	6.23	
06 11 16 00-0201 LF 6" x 6" Pressure Treated Lumber, For Roofing Sleepers	9.32	
06 11 16 00-0202 Canopy Framing, Bridging, And Furring (06 11 16)		
06 11 16 00-0203 Wood And Steel Bridging (06 11 16 00-0202)		
06 11 16 00-0204 Wood Bridging (06 11 16 00-0203)		
06 11 16 00-0205 EA 1 Pair Wood Bridging, 1" x 3" Cross Type	9.21	4.03
Note: For joists spaced at 16" on center.		
06 11 16 00-0206 EA 1 Pair Wood Bridging, 2" x 3" Cross Type	9.43	4.03
Note: For joists spaced at 16" on center.		
06 11 16 00-0207 Steel Bridging (06 11 16 00-0203)		
06 11 16 00-0208 EA 1 Pair Steel Bridging, Wood Joists At 16" On Center	11.57	4.03
06 11 16 00-0209 EA 1 Pair Steel Bridging, Wood Joists At 24" On Center	11.53	4.03
06 11 16 00-0210 Light Framing, Trim And Furring (06 11 16 00-0202)		
06 11 16 00-0211 Pine/Spruce/Fir Light Framing, Trim And Furring (06 11 16 00-0210)		
Note: S4S board, select grade 1		
06 11 16 00-0212 LF 1" x 1" Pine/Spruce/Fir Light Framing, Trim And Furring	2.02	0.94
06 11 16 00-0213 LF 1" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.25	1.04
06 11 16 00-0214 LF 1" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	2.57	1.14
06 11 16 00-0215 LF 1" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	2.86	1.26
06 11 16 00-0216 LF 1" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	3.17	1.38
06 11 16 00-0217 LF 1" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	3.50	1.52
06 11 16 00-0218 LF 2" x 2" Pine/Spruce/Fir Light Framing, Trim And Furring	2.88	1.26
06 11 16 00-0219 LF 2" x 4" Pine/Spruce/Fir Light Framing, Trim And Furring	3.20	1.38
06 11 16 00-0220 LF 2" x 6" Pine/Spruce/Fir Light Framing, Trim And Furring	3.71	1.52
06 11 16 00-0221 LF 2" x 8" Pine/Spruce/Fir Light Framing, Trim And Furring	4.29	1.67
06 11 16 00-0222 LF 2" x 10" Pine/Spruce/Fir Light Framing, Trim And Furring	4.99	1.84
06 11 16 00-0223 Cedar Light Framing, Trim And Furring (06 11 16 00-0210)		
Note: S4S board, select grade 1		
06 11 16 00-0224 LF 1" x 1" Cedar Light Framing, Trim And Furring	2.04	0.94
06 11 16 00-0225 LF 1" x 2" Cedar Light Framing, Trim And Furring	2.36	1.04
06 11 16 00-0226 LF 1" x 4" Cedar Light Framing, Trim And Furring	3.00	1.14
06 11 16 00-0227 LF 1" x 6" Cedar Light Framing, Trim And Furring	3.59	1.26
06 11 16 00-0228 LF 1" x 8" Cedar Light Framing, Trim And Furring	5.10	1.38

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 11 Wood Framing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 11 16 00-0229	LF		1" x 10" Cedar Light Framing, Trim And Furring	5.96	1.52
06 11 16 00-0230	LF		2" x 2" Cedar Light Framing, Trim And Furring	3.15	1.26
06 11 16 00-0231	LF		2" x 4" Cedar Light Framing, Trim And Furring	3.62	1.38
06 11 16 00-0232			Oak Light Framing, Trim And Furring (06 11 16 00-0210)		
			Note: S4S board, select grade 1		
06 11 16 00-0233	LF		1" x 1" Oak Light Framing, Trim And Furring	2.04	0.94
06 11 16 00-0234	LF		1" x 2" Oak Light Framing, Trim And Furring	2.38	1.04
06 11 16 00-0235	LF		1" x 4" Oak Light Framing, Trim And Furring	2.90	1.14
06 11 16 00-0236	LF		1" x 6" Oak Light Framing, Trim And Furring	3.43	1.26
06 11 16 00-0237	LF		1" x 8" Oak Light Framing, Trim And Furring	3.99	1.38
06 11 16 00-0238	LF		1" x 10" Oak Light Framing, Trim And Furring	4.58	1.52
06 11 16 00-0239	LF		2" x 2" Oak Light Framing, Trim And Furring	3.13	1.26
06 11 16 00-0240	LF		2" x 4" Oak Light Framing, Trim And Furring	3.99	1.38
06 11 16 00-0241			Redwood Light Framing, Trim And Furring (06 11 16 00-0210)		
			Note: S4S board, select grade 1		
06 11 16 00-0242	LF		1" x 1" Redwood Light Framing, Trim And Furring	2.00	0.94
06 11 16 00-0243	LF		1" x 2" Redwood Light Framing, Trim And Furring	2.29	1.04
06 11 16 00-0244	LF		1" x 4" Redwood Light Framing, Trim And Furring	2.75	1.14
06 11 16 00-0245	LF		1" x 6" Redwood Light Framing, Trim And Furring	3.25	1.26
06 11 16 00-0246	LF		1" x 8" Redwood Light Framing, Trim And Furring	3.80	1.38
06 11 16 00-0247	LF		1" x 10" Redwood Light Framing, Trim And Furring	4.40	1.52
06 11 16 00-0248	LF		2" x 2" Redwood Light Framing, Trim And Furring	3.26	1.26
06 11 16 00-0249	LF		2" x 4" Redwood Light Framing, Trim And Furring	3.82	1.38
06 11 16 00-0250			Poplar Light Framing, Trim And Furring (06 11 16 00-0210)		
			Note: S4S board, select grade 1		
06 11 16 00-0251	LF		1" x 1" Poplar Light Framing, Trim And Furring	2.26	0.94
06 11 16 00-0252	LF		1" x 2" Poplar Light Framing, Trim And Furring	2.70	1.04
06 11 16 00-0253	LF		1" x 4" Poplar Light Framing, Trim And Furring	3.32	1.14
06 11 16 00-0254	LF		1" x 6" Poplar Light Framing, Trim And Furring	4.14	1.26
06 11 16 00-0255	LF		1" x 8" Poplar Light Framing, Trim And Furring	4.77	1.38
06 11 16 00-0256	LF		1" x 10" Poplar Light Framing, Trim And Furring	6.15	1.52
06 11 16 00-0257	LF		1" x 12" Poplar Light Framing, Trim And Furring	6.59	1.52
06 11 16 00-0258	LF		2" x 2" Poplar Light Framing, Trim And Furring	5.24	1.26
06 11 16 00-0259	LF		2" x 4" Poplar Light Framing, Trim And Furring	5.87	1.38
06 11 16 00-0260	LF		2" x 6" Poplar Light Framing, Trim And Furring	7.69	1.52
06 11 16 00-0261			Maple Light Framing, Trim And Furring (06 11 16 00-0210)		
			Note: S4S board, select grade 1		
06 11 16 00-0262	LF		1" x 4" Maple Light Framing, Trim And Furring	4.01	1.14
06 11 16 00-0263	LF		1" x 6" Maple Light Framing, Trim And Furring	5.21	1.26
06 11 16 00-0264	LF		1" x 8" Maple Light Framing, Trim And Furring	6.44	1.38
06 13 Heavy Timber Construction (06 10)					
06 13 23 Heavy Timber Framing (06 13)					
06 13 23 00-0001 Heavy Timber Framing (06 13 23)					
			Note: Excludes fasteners. See CSI section 06 05 23 00-0093 for bolts and fasteners.		
06 13 23 00-0002 Heavy Timber Beams (06 13 23 00-0001)					
06 13 23 00-0003 Pine, Heavy Timber Beams (06 13 23 00-0002)					
06 13 23 00-0004	LF		4" x 4", Pine, Heavy Timber Beam	6.56	2.04
06 13 23 00-0005	LF		4" x 6", Pine, Heavy Timber Beam	7.98	2.13
06 13 23 00-0006	LF		4" x 8", Pine, Heavy Timber Beam	9.39	2.21
06 13 23 00-0007	LF		4" x 10", Pine, Heavy Timber Beam	12.24	2.36
06 13 23 00-0008	LF		4" x 12", Pine, Heavy Timber Beam	14.58	2.50
06 13 23 00-0009	LF		6" x 6", Pine, Heavy Timber Beam	10.14	2.31
06 13 23 00-0010	LF		6" x 8", Pine, Heavy Timber Beam	12.20	2.42
06 13 23 00-0011	LF		6" x 10", Pine, Heavy Timber Beam	16.47	2.59
06 13 23 00-0012	LF		6" x 12", Pine, Heavy Timber Beam	19.63	2.65
06 13 23 00-0013	LF		8" x 8", Pine, Heavy Timber Beam	14.92	2.50
06 13 23 00-0014	LF		8" x 10", Pine, Heavy Timber Beam	20.23	2.59
06 13 23 00-0015	LF		8" x 12", Pine, Heavy Timber Beam	24.51	2.65
06 13 23 00-0016	LF		10" x 10", Pine, Heavy Timber Beam	24.22	2.65
06 13 23 00-0017	LF		10" x 12", Pine, Heavy Timber Beam	29.67	2.87
06 13 23 00-0018	LF		12" x 12", Pine, Heavy Timber Beam	35.01	3.17
06 13 23 00-0019 Douglas Fir, Heavy Timber Beams (06 13 23 00-0002)					
06 13 23 00-0020	LF		4" x 4", Douglas Fir, Heavy Timber Beam	6.81	2.04
06 13 23 00-0021	LF		4" x 6", Douglas Fir, Heavy Timber Beam	8.35	2.13
06 13 23 00-0022	LF		4" x 8", Douglas Fir, Heavy Timber Beam	9.89	2.21
06 13 23 00-0023	LF		4" x 10", Douglas Fir, Heavy Timber Beam	13.00	2.36
06 13 23 00-0024	LF		4" x 12", Douglas Fir, Heavy Timber Beam	15.52	2.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 13 23 00-0025 LF 6" x 6", Douglas Fir, Heavy Timber Beam.....	10.69	2.31
06 13 23 00-0026 LF 6" x 8", Douglas Fir, Heavy Timber Beam.....	12.93	2.42
06 13 23 00-0027 LF 6" x 10", Douglas Fir, Heavy Timber Beam.....	17.59	2.59
06 13 23 00-0028 LF 6" x 12", Douglas Fir, Heavy Timber Beam.....	21.07	2.65
06 13 23 00-0029 LF 8" x 8", Douglas Fir, Heavy Timber Beam.....	15.91	2.50
06 13 23 00-0030 LF 8" x 10", Douglas Fir, Heavy Timber Beam.....	21.74	2.59
06 13 23 00-0031 LF 8" x 12", Douglas Fir, Heavy Timber Beam.....	26.42	2.65
06 13 23 00-0032 LF 10" x 10", Douglas Fir, Heavy Timber Beam.....	26.09	2.65
06 13 23 00-0033 LF 10" x 12", Douglas Fir, Heavy Timber Beam.....	32.04	2.87
06 13 23 00-0034 LF 12" x 12", Douglas Fir, Heavy Timber Beam.....	37.87	3.17
06 13 23 00-0035 Pressure Treated, Heavy Timber Beams (06 13 23 00-0002)		
06 13 23 00-0036 LF 4" x 4", Pressure Treated, Heavy Timber Beam.....	6.69	2.04
06 13 23 00-0037 LF 4" x 6", Pressure Treated, Heavy Timber Beam.....	8.42	2.13
06 13 23 00-0038 LF 4" x 8", Pressure Treated, Heavy Timber Beam.....	9.91	2.21
06 13 23 00-0039 LF 4" x 10", Pressure Treated, Heavy Timber Beam.....	13.03	2.36
06 13 23 00-0040 LF 4" x 12", Pressure Treated, Heavy Timber Beam.....	15.57	2.50
06 13 23 00-0041 LF 6" x 6", Pressure Treated, Heavy Timber Beam.....	11.57	2.31
06 13 23 00-0042 LF 6" x 8", Pressure Treated, Heavy Timber Beam.....	14.14	2.42
06 13 23 00-0043 LF 6" x 10", Pressure Treated, Heavy Timber Beam.....	16.94	2.59
06 13 23 00-0044 LF 6" x 12", Pressure Treated, Heavy Timber Beam.....	20.73	2.65
06 13 23 00-0045 LF 8" x 8", Pressure Treated, Heavy Timber Beam.....	20.92	2.50
06 13 23 00-0046 LF 8" x 10", Pressure Treated, Heavy Timber Beam.....	24.28	2.59
06 13 23 00-0047 LF 8" x 12", Pressure Treated, Heavy Timber Beam.....	28.55	2.65
06 13 23 00-0048 LF 10" x 10", Pressure Treated, Heavy Timber Beam.....	28.68	2.65
06 13 23 00-0049 LF 10" x 12", Pressure Treated, Heavy Timber Beam.....	37.89	2.87
06 13 23 00-0050 LF 12" x 12", Pressure Treated, Heavy Timber Beam.....	44.90	3.17
06 13 23 00-0051 Heavy Timber Columns (06 13 23 00-0001)		
06 13 23 00-0052 Pine, Heavy Timber Columns (06 13 23 00-0051)		
06 13 23 00-0053 LF 4" x 4", Pine, Heavy Timber Column.....	4.63	1.08
06 13 23 00-0054 LF 4" x 6", Pine, Heavy Timber Column.....	6.00	1.14
06 13 23 00-0055 LF 4" x 8", Pine, Heavy Timber Column.....	7.30	1.17
06 13 23 00-0056 LF 4" x 10", Pine, Heavy Timber Column.....	10.01	1.24
06 13 23 00-0057 LF 4" x 12", Pine, Heavy Timber Column.....	12.20	1.32
06 13 23 00-0058 LF 6" x 6", Pine, Heavy Timber Column.....	7.98	1.20
06 13 23 00-0059 LF 6" x 8", Pine, Heavy Timber Column.....	9.95	1.25
06 13 23 00-0060 LF 6" x 10", Pine, Heavy Timber Column.....	14.01	1.36
06 13 23 00-0061 LF 6" x 12", Pine, Heavy Timber Column.....	17.12	1.39
06 13 23 00-0062 LF 8" x 8", Pine, Heavy Timber Column.....	12.54	1.32
06 13 23 00-0063 LF 8" x 10", Pine, Heavy Timber Column.....	17.77	1.36
06 13 23 00-0064 LF 8" x 12", Pine, Heavy Timber Column.....	21.96	1.42
06 13 23 00-0065 LF 10" x 10", Pine, Heavy Timber Column.....	21.66	1.42
06 13 23 00-0066 LF 10" x 12", Pine, Heavy Timber Column.....	26.94	1.51
06 13 23 00-0067 LF 12" x 12", Pine, Heavy Timber Column.....	32.01	1.67
06 13 23 00-0068 Douglas Fir, Heavy Timber Columns (06 13 23 00-0051)		
06 13 23 00-0069 LF 4" x 4", Douglas Fir, Heavy Timber Column.....	4.88	1.08
06 13 23 00-0070 LF 4" x 6", Douglas Fir, Heavy Timber Column.....	6.37	1.14
06 13 23 00-0071 LF 4" x 8", Douglas Fir, Heavy Timber Column.....	7.80	1.17
06 13 23 00-0072 LF 4" x 10", Douglas Fir, Heavy Timber Column.....	10.77	1.24
06 13 23 00-0073 LF 4" x 12", Douglas Fir, Heavy Timber Column.....	13.14	1.32
06 13 23 00-0074 LF 6" x 6", Douglas Fir, Heavy Timber Column.....	8.53	1.20
06 13 23 00-0075 LF 6" x 8", Douglas Fir, Heavy Timber Column.....	10.68	1.25
06 13 23 00-0076 LF 6" x 10", Douglas Fir, Heavy Timber Column.....	15.13	1.36
06 13 23 00-0077 LF 6" x 12", Douglas Fir, Heavy Timber Column.....	18.56	1.39
06 13 23 00-0078 LF 8" x 8", Douglas Fir, Heavy Timber Column.....	13.53	1.32
06 13 23 00-0079 LF 8" x 10", Douglas Fir, Heavy Timber Column.....	19.28	1.36
06 13 23 00-0080 LF 8" x 12", Douglas Fir, Heavy Timber Column.....	23.87	1.42
06 13 23 00-0081 LF 10" x 10", Douglas Fir, Heavy Timber Column.....	23.53	1.42
06 13 23 00-0082 LF 10" x 12", Douglas Fir, Heavy Timber Column.....	29.31	1.51
06 13 23 00-0083 LF 12" x 12", Douglas Fir, Heavy Timber Column.....	34.87	1.67
06 13 23 00-0084 Pressure Treated, Heavy Timber Columns (06 13 23 00-0051)		
06 13 23 00-0085 LF 4" x 4", Pressure Treated, Heavy Timber Column.....	4.76	1.08
06 13 23 00-0086 LF 4" x 6", Pressure Treated, Heavy Timber Column.....	6.44	1.14
06 13 23 00-0087 LF 4" x 8", Pressure Treated, Heavy Timber Column.....	7.82	1.17
06 13 23 00-0088 LF 4" x 10", Pressure Treated, Heavy Timber Column.....	10.80	1.24
06 13 23 00-0089 LF 4" x 12", Pressure Treated, Heavy Timber Column.....	13.19	1.32
06 13 23 00-0090 LF 6" x 6", Pressure Treated, Heavy Timber Column.....	9.41	1.20
06 13 23 00-0091 LF 6" x 8", Pressure Treated, Heavy Timber Column.....	11.89	1.25
06 13 23 00-0092 LF 6" x 10", Pressure Treated, Heavy Timber Column.....	14.48	1.36
06 13 23 00-0093 LF 6" x 12", Pressure Treated, Heavy Timber Column.....	18.22	1.39
06 13 23 00-0094 LF 8" x 8", Pressure Treated, Heavy Timber Column.....	18.54	1.32
06 13 23 00-0095 LF 8" x 10", Pressure Treated, Heavy Timber Column.....	21.82	1.36
06 13 23 00-0096 LF 8" x 12", Pressure Treated, Heavy Timber Column.....	26.00	1.42
06 13 23 00-0097 LF 10" x 10", Pressure Treated, Heavy Timber Column.....	26.12	1.42

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 13 Heavy Timber Construction**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 13 23 00-0098	LF	10" x 12", Pressure Treated, Heavy Timber Column		35.16	1.51
06 13 23 00-0099	LF	12" x 12", Pressure Treated, Heavy Timber Column		41.90	1.67
06 15 Wood Decking <small>(06 10)</small>					
06 15 13 Wood Floor Decking <small>(06 15)</small>					
06 15 13 00-0001		Wood Deck Systems <small>(06 15 13)</small>			
Note: Includes the deck, joists, girders, railing posts 8' on-center, pickets and railing. Excludes ground posts.					
06 15 13 00-0002		Pressure Treated Wood Deck System <small>(06 15 13 00-0001)</small>			
06 15 13 00-0003		2" x 8" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>			
06 15 13 00-0004	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		37.78	7.12
06 15 13 00-0005	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		36.69	6.77
06 15 13 00-0006	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		39.27	7.31
06 15 13 00-0007	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		38.19	6.94
06 15 13 00-0008		2" x 10" Joists At 16" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>			
06 15 13 00-0009	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System		39.11	7.31
06 15 13 00-0010	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System		37.97	6.93
06 15 13 00-0011	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System		40.61	7.49
06 15 13 00-0012	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 16" On Center		39.52	7.11
06 15 13 00-0013		2" x 10" Joists At 24" On Center, Pressure Treated Wood Deck System <small>(06 15 13 00-0002)</small>			
06 15 13 00-0014	SF	5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		37.78	7.12
06 15 13 00-0015	SF	5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		36.69	6.77
06 15 13 00-0016	SF	2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		39.27	7.31
06 15 13 00-0017	SF	2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		38.19	6.94
06 15 13 00-0018		Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0001)</small>			
06 15 13 00-0019		2" x 8" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>			
06 15 13 00-0020	SF	5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		40.75	7.12
06 15 13 00-0021	SF	5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		39.80	6.93
06 15 13 00-0022	SF	2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		42.99	7.31
06 15 13 00-0023	SF	2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists 16" On Center, Wood Deck System		41.69	6.94
06 15 13 00-0024		2" x 10" Joists At 16" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>			
06 15 13 00-0025	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System		43.77	7.31
06 15 13 00-0026	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System		42.77	6.93
06 15 13 00-0027	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System		46.18	7.49
06 15 13 00-0028	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 16" On Center, Wood Deck System		44.90	7.11
06 15 13 00-0029		2" x 10" Joists At 24" On Center, Redwood With Pressure Treated Joists, Wood Deck System <small>(06 15 13 00-0018)</small>			
06 15 13 00-0030	SF	5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		41.95	7.12
06 15 13 00-0031	SF	5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		40.99	6.77
06 15 13 00-0032	SF	2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		44.25	7.31
06 15 13 00-0033	SF	2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists 24" On Center, Wood Deck System		43.91	6.94
06 15 13 00-0034		Wood Ramp Systems <small>(06 15 13)</small>			
Note: Includes the decking, joists, girders, railing posts at corners and along ramp, pickets and railing. Excludes ground posts.					
06 15 13 00-0035		Pressure Treated Wood Ramp System <small>(06 15 13 00-0034)</small>			
06 15 13 00-0036		2" x 6" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0035)</small>			
06 15 13 00-0037	SF	5/4" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System		43.66	6.94
06 15 13 00-0038	SF	5/4" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System		42.22	6.60
06 15 13 00-0039	SF	2" x 4" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System		45.25	7.12
06 15 13 00-0040	SF	2" x 6" Pressure Treated Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System		43.83	6.77
06 15 13 00-0041		2" x 8" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0035)</small>			
06 15 13 00-0042	SF	5/4" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System		45.07	7.12
06 15 13 00-0043	SF	5/4" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System		43.62	6.77
06 15 13 00-0044	SF	2" x 4" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System		46.76	7.31
06 15 13 00-0045	SF	2" x 6" Pressure Treated Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System		45.31	6.94
06 15 13 00-0046		2" x 10" Joists, Pressure Treated Wood Ramp System <small>(06 15 13 00-0035)</small>			

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	06 15 13 00-0047	SF		5/4" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.57	7.30
	06 15 13 00-0048	SF		5/4" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	45.09	6.93
	06 15 13 00-0049	SF		2" x 4" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.29	7.49
	06 15 13 00-0050	SF		2" x 6" Pressure Treated Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.82	7.11
06 15 13 00-0051				Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0052				2" x 6" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0051)</small>		
	06 15 13 00-0053	SF		5/4" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	46.45	6.94
	06 15 13 00-0054	SF		5/4" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	45.14	6.60
	06 15 13 00-0055	SF		2" x 4" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	48.75	7.12
	06 15 13 00-0056	SF		2" x 6" Redwood Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System.....	47.13	6.77
06 15 13 00-0057				2" x 8" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0051)</small>		
	06 15 13 00-0058	SF		5/4" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.04	7.12
	06 15 13 00-0059	SF		5/4" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	46.73	6.77
	06 15 13 00-0060	SF		2" x 4" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	50.48	7.31
	06 15 13 00-0061	SF		2" x 6" Redwood Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System.....	48.81	6.94
06 15 13 00-0062				2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0051)</small>		
	06 15 13 00-0063	SF		5/4" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	51.25	7.30
	06 15 13 00-0064	SF		5/4" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	49.89	6.93
	06 15 13 00-0065	SF		2" x 4" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	53.87	7.49
	06 15 13 00-0066	SF		2" x 6" Redwood Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	52.81	7.11
06 15 13 00-0067				Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0034)</small>		
06 15 13 00-0068				2" x 6" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0067)</small>		
	06 15 13 00-0069	SF		5/4" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.65	6.94
	06 15 13 00-0070	SF		5/4" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	43.25	6.60
	06 15 13 00-0071	SF		2" x 4" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	46.32	7.12
	06 15 13 00-0072	SF		2" x 6" Cedar Decking, 2" x 6" Pressure Treated Joists, Wood Ramp System	44.96	6.77
06 15 13 00-0073				2" x 8" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0067)</small>		
	06 15 13 00-0074	SF		5/4" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.13	7.12
	06 15 13 00-0075	SF		5/4" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	44.72	6.77
	06 15 13 00-0076	SF		2" x 4" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	47.90	7.31
	06 15 13 00-0077	SF		2" x 6" Cedar Decking, 2" x 8" Pressure Treated Joists, Wood Ramp System	46.50	6.94
06 15 13 00-0078				2" x 10" Joists, Cedar With Pressure Treated Joists, Wood Ramp System <small>(06 15 13 00-0067)</small>		
	06 15 13 00-0079	SF		5/4" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System.....	47.72	7.30
	06 15 13 00-0080	SF		5/4" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	46.26	6.93
	06 15 13 00-0081	SF		2" x 4" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	49.50	7.49
	06 15 13 00-0082	SF		2" x 6" Cedar Decking, 2" x 10" Pressure Treated Joists, Wood Ramp System	48.08	7.11
06 15 13 00-0083				Wood Stair Systems <small>(06 15 13)</small>		
				Note: Includes the decking, joists, girders, railing posts at corners and along stairs, pickets and railing. Excludes ground posts.		
06 15 13 00-0084				Pressure Treated Wood Stair System <small>(06 15 13 00-0083)</small>		
06 15 13 00-0085				2" x 10" Joists, Pressure Treated Wood Stair System <small>(06 15 13 00-0084)</small>		
	06 15 13 00-0086	RSR		3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	120.56	17.10
	06 15 13 00-0087	RSR		3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	118.10	16.24
	06 15 13 00-0088	RSR		3' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.39	17.54
	06 15 13 00-0089	RSR		3' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	121.26	16.66
	06 15 13 00-0090	RSR		3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	126.60	17.96
	06 15 13 00-0091	RSR		3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	124.01	17.06
	06 15 13 00-0092	RSR		3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.62	18.41
	06 15 13 00-0093	RSR		3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	127.32	17.50
	06 15 13 00-0094	RSR		4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	132.76	18.85
	06 15 13 00-0095	RSR		4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	130.03	17.91
	06 15 13 00-0096	RSR		4' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	136.97	19.34
	06 15 13 00-0097	RSR		4' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	133.50	18.37
	06 15 13 00-0098	RSR		5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	141.21	19.80
	06 15 13 00-0099	RSR		5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	138.45	18.80
	06 15 13 00-0100	RSR		5' Wide, 2" x 4" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	145.71	20.30
	06 15 13 00-0101	RSR		5' Wide, 2" x 6" Pressure Treated Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	142.14	19.29
06 15 13 00-0102				2" x 12" Joists, Pressure Treated Wood Stair System <small>(06 15 13 00-0084)</small>		
	06 15 13 00-0103	RSR		3' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	123.08	17.53

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 15 Wood Decking**
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06 15 13 00-0104	RSR	3' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	119.98	16.65
06 15 13 00-0105	RSR	3' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	127.14	17.97
06 15 13 00-0106	RSR	3' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	124.01	17.08
06 15 13 00-0107	RSR	3'-6" Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	129.23	18.40
06 15 13 00-0108	RSR	3'-6" Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	125.99	17.49
06 15 13 00-0109	RSR	3'-6" Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	133.50	18.87
06 15 13 00-0110	RSR	3'-6" Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	130.20	17.93
06 15 13 00-0111	RSR	4' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	135.53	19.32
06 15 13 00-0112	RSR	4' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	132.11	18.36
06 15 13 00-0113	RSR	4' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.99	19.82
06 15 13 00-0114	RSR	4' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.52	18.83
06 15 13 00-0115	RSR	5' Wide, 5/4" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	144.13	20.29
06 15 13 00-0116	RSR	5' Wide, 5/4" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	140.62	19.28
06 15 13 00-0117	RSR	5' Wide, 2" x 4" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	148.91	20.81
06 15 13 00-0118	RSR	5' Wide, 2" x 6" Pressure Treated Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	145.34	19.77

06 15 13 00-0119 Redwood With Pressure Treated Joists, Wood Stair System (06 15 13 00-0083)
06 15 13 00-0120 2" x 10" Joists, Redwood With Pressure Treated Joists, Wood Stair System

06 15 13 00-0121	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	137.07	17.10
06 15 13 00-0122	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	134.46	16.24
06 15 13 00-0123	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	141.93	17.54
06 15 13 00-0124	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	139.31	16.66
06 15 13 00-0125	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	143.93	17.96
06 15 13 00-0126	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	141.18	17.06
06 15 13 00-0127	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	149.03	18.41
06 15 13 00-0128	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	146.27	17.50
06 15 13 00-0129	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	150.87	18.85
06 15 13 00-0130	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	147.97	17.91
06 15 13 00-0131	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	156.21	19.34
06 15 13 00-0132	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	153.30	18.37
06 15 13 00-0133	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System	161.12	19.80
06 15 13 00-0134	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	158.19	18.80
06 15 13 00-0135	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	166.88	20.30
06 15 13 00-0136	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 10" Pressure Treated Joists, Wood Stair System.....	163.92	19.29

06 15 13 00-0137 2" x 12" Joists, Redwood With Pressure Treated Joists, Wood Stair System

06 15 13 00-0138	RSR	3' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	134.72	17.53
06 15 13 00-0139	RSR	3' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	132.03	16.65
06 15 13 00-0140	RSR	3' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	139.25	17.97
06 15 13 00-0141	RSR	3' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System	136.69	17.08
06 15 13 00-0142	RSR	3'-6" Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	141.45	18.40
06 15 13 00-0143	RSR	3'-6" Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	138.65	17.49
06 15 13 00-0144	RSR	3'-6" Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	146.22	18.87
06 15 13 00-0145	RSR	3'-6" Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	143.52	17.93
06 15 13 00-0146	RSR	4' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	148.30	19.32
06 15 13 00-0147	RSR	4' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	145.34	18.36
06 15 13 00-0148	RSR	4' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	153.29	19.82
06 15 13 00-0149	RSR	4' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	150.43	18.83
06 15 13 00-0150	RSR	5' Wide, 5/4" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	158.18	20.29
06 15 13 00-0151	RSR	5' Wide, 5/4" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	155.16	19.28
06 15 13 00-0152	RSR	5' Wide, 2" x 4" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	163.53	20.81
06 15 13 00-0153	RSR	5' Wide, 2" x 6" Redwood Decking With 2" x 12" Pressure Treated Joists, Wood Stair System.....	160.65	19.77

06 15 13 00-0154 Wood Deck And Ramp Systems Repairs (06 15 13)

Note: Includes removal of material and screws. Excludes anchors and bolts.

06 15 13 00-0155 Deck Joist Or Girt (06 15 13 00-0154)

See CSI section 06 11 16 00-0012 for treated wood joist replacement, 06 51 13 00-0012 for plastic/composite lumber joist replacement.

06 15 13 00-0156 Deck Boards (06 15 13 00-0154)

See CSI section 06 51 13 00-0035 for plastic/composite lumber decking replacement.

06 15 13 00-0157	LF	5/4" x 4" Round Edge Pressure Treated Deck Boards.....	2.15	0.88
06 15 13 00-0158	LF	5/4" x 6" Round Edge Pressure Treated Deck Boards.....	2.37	1.05
06 15 13 00-0159	LF	2" x 4" Round Edge Pressure Treated Deck Boards.....	2.27	1.05
06 15 13 00-0160	LF	2" x 6" Round Edge Pressure Treated Deck Boards.....	2.98	1.21
06 15 13 00-0161	LF	2" x 8" Round Edge Pressure Treated Deck Boards.....	3.79	1.45
06 15 13 00-0162	LF	2" x 10" Round Edge Pressure Treated Deck Boards.....	4.65	1.77
06 15 13 00-0163	LF	2" x 12" Round Edge Pressure Treated Deck Boards.....	5.74	2.09
06 15 13 00-0164	LF	2" x 4" Round Edge Cedar Deck Boards	2.42	1.05
06 15 13 00-0165	LF	2" x 6" Round Edge Cedar Deck Boards	3.09	1.21
06 15 13 00-0166	LF	2" x 4" Round Edge Redwood Deck Boards	2.62	1.05
06 15 13 00-0167	LF	2" x 6" Round Edge Redwood Deck Boards	3.39	1.21

06 15 13 00-0168 Deck Posts (06 15 13 00-0154)

See CSI section 06 11 16 00-0105 for treated wood post replacement, 06 51 13 00-0024 for plastic/composite lumber column replacement.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 15 13 00-0169	Deck Railing And Pickets <small>(06 15 13 00-0154)</small> See CSI section 06 51 13 00-0035 for plastic/composite lumber railing replacement.		
06 15 13 00-0170	LF 2" x 4" Pressure Treated Deck Railing.....	2.27	1.05
06 15 13 00-0171	LF 2" x 2" Pressure Treated Deck Railing Picket.....	1.55	0.80
06 15 13 00-0172	LF 2" x 4" Cedar Deck Railing.....	2.42	1.05
06 15 13 00-0173	LF 2" x 2" Cedar Deck Railing Picket.....	1.83	0.80
06 15 13 00-0174	LF 2" x 4" Redwood Deck Railing.....	2.62	1.05
06 15 13 00-0175	LF 2" x 2" Redwood Deck Railing Picket.....	1.98	0.80

06 16 Sheathing (06 10)

06 16 23 Subflooring (06 16)

06 16 23 00-0001 Board Type Subflooring (06 16 23)

06 16 23 00-0002	SF 1" x 8" Regular Surface Board Type Subfloor..... Note: 4 Sides Laid In A Regular Pattern. <i>For Water Resistant Coating Or Treatment, Add</i> 0.06 <i>For Foil Backing, Add</i> 0.10 <i>For Tongue And Groove, Add</i> 0.07	3.11	
06 16 23 00-0003	SF 1" x 8" Diagonal Surface Board Type Subfloor..... Note: 4 Sides Laid In A Diagonal Pattern. <i>For Water Resistant Coating Or Treatment, Add</i> 0.06 <i>For Foil Backing, Add</i> 0.11 <i>For Tongue And Groove, Add</i> 0.07	3.49	1.15
06 16 23 00-0004	SF 1" x 10" Regular Surface Board Type Subfloor..... Note: 4 sides laid in a regular pattern. <i>For Water Resistant Coating Or Treatment, Add</i> 0.06 <i>For Foil Backing, Add</i> 0.11 <i>For Tongue And Groove, Add</i> 0.08	2.97	0.80
06 16 23 00-0005	SF 1" x 10" Diagonal Surface Board Type Subfloor..... Note: 4 sides laid in a diagonal pattern. <i>For Water Resistant Coating Or Treatment, Add</i> 0.06 <i>For Foil Backing, Add</i> 0.11 <i>For Tongue And Groove, Add</i> 0.08	3.23	0.92

06 16 33 Wood Board Sheathing (06 16)

06 16 33 00-0001 Plywood (06 16 33)

06 16 33 00-0002 Roof Decking (06 16 33 00-0001)

06 16 33 00-0003	SF 3/8" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. <i>For Shear Wall Construction, Add</i> 0.27 <i>For Exterior CC Grade Plywood, Add</i> 0.08 <i>For Application To Metal Studs, Joists, Or Rafters, Add</i> 0.27 <i>For ACQ Preservative Treatment, Add</i> 0.25 <i>For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i> 2.03 <i>For Fire Retardant Treatment, Add</i> 0.41 <i>For >1,696 To 3,200, Deduct</i> -0.03 <i>For >3,200 To 6,400, Deduct</i> -0.05 <i>For >6,400 To 12,800, Deduct</i> -0.09 <i>For >12,800, Deduct</i> -0.13	1.87	0.58
06 16 33 00-0004	SF 1/2" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. <i>For Shear Wall Construction, Add</i> 0.30 <i>For Exterior CC Grade Plywood, Add</i> 0.09 <i>For Application To Metal Studs, Joists, Or Rafters, Add</i> 0.30 <i>For ACQ Preservative Treatment, Add</i> 0.30 <i>For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i> 2.22 <i>For Fire Retardant Treatment, Add</i> 0.50 <i>For >1,696 To 3,200, Deduct</i> -0.04 <i>For >3,200 To 6,400, Deduct</i> -0.06 <i>For >6,400 To 12,800, Deduct</i> -0.11 <i>For >12,800, Deduct</i> -0.15	2.11	0.69
06 16 33 00-0005	SF 5/8" Thick CDX Plywood Roof Decking..... Note: Applied to wood rafters. <i>For Shear Wall Construction, Add</i> 0.32 <i>For Exterior CC Grade Plywood, Add</i> 0.10 <i>For Application To Metal Studs, Joists, Or Rafters, Add</i> 0.32 <i>For ACQ Preservative Treatment, Add</i> 0.32 <i>For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add</i> 2.39 <i>For Fire Retardant Treatment, Add</i> 0.53 <i>For >1,696 To 3,200, Deduct</i> -0.04 <i>For >3,200 To 6,400, Deduct</i> -0.06 <i>For >6,400 To 12,800, Deduct</i> -0.11 <i>For >12,800, Deduct</i> -0.16 <i>For Tongue And Groove, Add</i> 0.05	2.26	0.69

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 16 33 00-0006	SF	3/4" Thick CDX Plywood Roof Decking	2.49		0.80
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add	0.34		
		For Exterior CC Grade Plywood, Add	0.12		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.34		
		For ACQ Preservative Treatment, Add	0.37		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.58		
		For Fire Retardant Treatment, Add	0.61		
		For >1,696 To 3,200, Deduct	-0.05		
		For >3,200 To 6,400, Deduct	-0.07		
		For >6,400 To 12,800, Deduct	-0.13		
		For >12,800, Deduct	-0.18		
		For Tongue And Groove, Add	0.05		
06 16 33 00-0007	SF	1" Thick CDX Plywood Roof Decking	2.92		0.92
		Note: Applied to wood rafters.			
		For Shear Wall Construction, Add	0.38		
		For Exterior CC Grade Plywood, Add	0.16		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.38		
		For ACQ Preservative Treatment, Add	0.50		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.82		
		For Fire Retardant Treatment, Add	0.82		
		For >1,696 To 3,200, Deduct	-0.06		
		For >3,200 To 6,400, Deduct	-0.09		
		For >6,400 To 12,800, Deduct	-0.16		
		For >12,800, Deduct	-0.22		
		For Tongue And Groove, Add	0.07		
06 16 33 00-0008		Wall Sheathing (06 16 33 00-0001)			
06 16 33 00-0009	SF	1/4" Interior BC Plywood Wall Sheathing.....	2.23		0.80
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.34		
		For Exterior CC Grade Plywood, Add	0.08		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.34		
		For Ceiling Installation, Add	0.17		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.58		
		For Fire Retardant Treatment, Add	0.40		
		For >1,696 To 3,200, Deduct	-0.03		
		For >3,200 To 6,400, Deduct	-0.05		
		For >6,400 To 12,800, Deduct	-0.10		
		For >12,800, Deduct	-0.15		
06 16 33 00-0010	SF	5/16" Interior BC Plywood Wall Sheathing.....	2.26		0.80
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.34		
		For Exterior CC Grade Plywood, Add	0.08		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.34		
		For Ceiling Installation, Add	0.17		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.58		
		For Fire Retardant Treatment, Add	0.43		
		For >1,696 To 3,200, Deduct	-0.03		
		For >3,200 To 6,400, Deduct	-0.05		
		For >6,400 To 12,800, Deduct	-0.10		
		For >12,800, Deduct	-0.15		
06 16 33 00-0011	SF	3/8" Interior BC Plywood Wall Sheathing.....	2.31		0.92
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.34		
		For Exterior CC Grade Plywood, Add	0.09		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.34		
		For Ceiling Installation, Add	0.17		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.58		
		For Fire Retardant Treatment, Add	0.47		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.05		
		For >6,400 To 12,800, Deduct	-0.11		
		For >12,800, Deduct	-0.16		
06 16 33 00-0012	SF	1/2" Interior BC Plywood Wall Sheathing.....	2.57		0.92
		Note: Applied to wall studs.			
		For Shear Wall Construction, Add	0.37		
		For Exterior CC Grade Plywood, Add	0.11		
		For Application To Metal Studs, Joists, Or Rafters, Add	0.37		
		For Ceiling Installation, Add	0.18		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.75		
		For Fire Retardant Treatment, Add	0.58		
		For >1,696 To 3,200, Deduct	-0.04		
		For >3,200 To 6,400, Deduct	-0.07		
		For >6,400 To 12,800, Deduct	-0.13		
		For >12,800, Deduct	-0.18		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0013 SF 5/8" Interior BC Plywood Wall Sheathing.....	2.73	1.04
Note: Applied to wall studs.		
For Shear Wall Construction, Add	0.39	
For Exterior CC Grade Plywood, Add	0.11	
For Application To Metal Studs, Joists, Or Rafters, Add	0.39	
For Ceiling Installation, Add	0.20	
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.96	
For Fire Retardant Treatment, Add	0.60	
For >1,696 To 3,200, Deduct	-0.05	
For >3,200 To 6,400, Deduct	-0.07	
For >6,400 To 12,800, Deduct	-0.13	
For >12,800, Deduct	-0.19	
06 16 33 00-0014 SF 3/4" Interior BC Plywood Wall Sheathing.....	2.99	1.15
Note: Applied to wall studs.		
For Shear Wall Construction, Add	0.42	
For Exterior CC Grade Plywood, Add	0.13	
For Application To Metal Studs, Joists, Or Rafters, Add	0.42	
For Ceiling Installation, Add	0.21	
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	3.18	
For Fire Retardant Treatment, Add	0.69	
For >1,696 To 3,200, Deduct	-0.05	
For >3,200 To 6,400, Deduct	-0.08	
For >6,400 To 12,800, Deduct	-0.15	
For >12,800, Deduct	-0.21	
06 16 33 00-0015 Floor Decking <small>(06 16 33 00-0001)</small>		
Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0016 SF 5/16" CD Grade Plywood Floor Decking.....	1.62	0.69
Note: Applied to floor or joists.		
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	1.94	
For Fire Retardant Treatment, Add	0.26	
For >1,696 To 3,200, Deduct	-0.02	
For >3,200 To 6,400, Deduct	-0.03	
For >6,400 To 12,800, Deduct	-0.07	
For >12,800, Deduct	-0.10	
For ACQ Preservative Treatment, Add	0.16	
For Fir Plywood, Add	0.06	
For BC Grade Plywood, Add	0.05	
For Exterior Glue, Add	0.03	
For Marine Grade, Add	0.26	
06 16 33 00-0017 SF 3/8" CD Grade Plywood Floor Decking.....	1.79	0.69
Note: Applied to floor or joists.		
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.04	
For Fire Retardant Treatment, Add	0.34	
For >1,696 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.08	
For >12,800, Deduct	-0.12	
For ACQ Preservative Treatment, Add	0.21	
For Fir Plywood, Add	0.08	
For BC Grade Plywood, Add	0.06	
For Exterior Glue, Add	0.04	
For Marine Grade, Add	0.34	
06 16 33 00-0018 SF 1/2" CD Grade Plywood Floor Decking.....	2.00	0.69
Note: Applied to floor or joists.		
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.16	
For Fire Retardant Treatment, Add	0.44	
For >1,696 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.05	
For >6,400 To 12,800, Deduct	-0.10	
For >12,800, Deduct	-0.14	
For ACQ Preservative Treatment, Add	0.27	
For Fir Plywood, Add	0.10	
For BC Grade Plywood, Add	0.08	
For Exterior Glue, Add	0.05	
For Marine Grade, Add	0.44	
06 16 33 00-0019 SF 5/8" CD Grade Plywood Floor Decking.....	2.15	0.69
Note: Applied to floor or joists.		
For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.36	
For Fire Retardant Treatment, Add	0.46	
For >1,696 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.05	
For >6,400 To 12,800, Deduct	-0.10	
For >12,800, Deduct	-0.15	
For ACQ Preservative Treatment, Add	0.28	
For Fir Plywood, Add	0.11	
For BC Grade Plywood, Add	0.09	
For Exterior Glue, Add	0.05	
For Marine Grade, Add	0.45	

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MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 16 33 00-0020	SF	3/4" CD Grade Plywood Floor Decking.....	2.40	0.69
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.49	
		For Fire Retardant Treatment, Add	0.58	
		For >1,696 To 3,200, Deduct	-0.04	
		For >3,200 To 6,400, Deduct	-0.07	
		For >6,400 To 12,800, Deduct	-0.12	
		For >12,800, Deduct	-0.17	
		For ACQ Preservative Treatment, Add	0.36	
		For Fir Plywood, Add	0.14	
		For BC Grade Plywood, Add	0.11	
		For Exterior Glue, Add	0.07	
		For Marine Grade, Add	0.58	
06 16 33 00-0021	SF	1-1/8" CD Grade Plywood Floor Decking.....	3.38	1.04
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.97	
		For Fire Retardant Treatment, Add	1.11	
		For >1,696 To 3,200, Deduct	-0.08	
		For >3,200 To 6,400, Deduct	-0.13	
		For >6,400 To 12,800, Deduct	-0.20	
		For >12,800, Deduct	-0.27	
		For ACQ Preservative Treatment, Add	0.67	
		For Fir Plywood, Add	0.26	
		For BC Grade Plywood, Add	0.21	
		For Exterior Glue, Add	0.13	
		For Marine Grade, Add	1.10	
06 16 33 00-0022	SF	1/2" AC Fir Plywood Floor Decking.....	2.34	0.69
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.16	
		For Fire Retardant Treatment, Add	0.71	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.08	
		For >6,400 To 12,800, Deduct	-0.14	
		For >12,800, Deduct	-0.18	
		For ACQ Preservative Treatment, Add	0.43	
		For Exterior Glue, Add	0.08	
		For Marine Grade, Add	0.70	
		For Tongue And Groove, Add	0.06	
06 16 33 00-0023	SF	5/8" AC Fir Plywood Floor Decking.....	2.47	0.69
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.36	
		For Fire Retardant Treatment, Add	0.71	
		For >1,696 To 3,200, Deduct	-0.05	
		For >3,200 To 6,400, Deduct	-0.08	
		For >6,400 To 12,800, Deduct	-0.14	
		For >12,800, Deduct	-0.19	
		For ACQ Preservative Treatment, Add	0.43	
		For Exterior Glue, Add	0.08	
		For Marine Grade, Add	0.70	
		For Tongue And Groove, Add	0.06	
06 16 33 00-0024	SF	3/4" AC Fir Plywood Floor Decking.....	2.63	0.69
		Note: Applied to floor or joists.		
		For Selective Replacement <400 (Includes Removal Of Damaged Plywood And Fitting New Plywood To Size), Add	2.49	
		For Fire Retardant Treatment, Add	0.77	
		For >1,696 To 3,200, Deduct	-0.06	
		For >3,200 To 6,400, Deduct	-0.09	
		For >6,400 To 12,800, Deduct	-0.15	
		For >12,800, Deduct	-0.20	
		For ACQ Preservative Treatment, Add	0.47	
		For Exterior Glue, Add	0.09	
		For Marine Grade, Add	0.76	
		For Tongue And Groove, Add	0.07	
06 16 33 00-0025		Underlayment Grade <small>(06 16 33 00-0001)</small>		
		Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0026	SF	1/4" Thick Plywood Underlayment BC Grade.....	1.72	0.69
		For Fire Retardant Treatment, Add	0.31	
		For >1,696 To 3,200, Deduct	-0.02	
		For >3,200 To 6,400, Deduct	-0.04	
		For >6,400 To 12,800, Deduct	-0.07	
		For >12,800, Deduct	-0.11	
06 16 33 00-0027	SF	3/8" Thick Plywood Underlayment BC Grade.....	1.83	0.69
		For Fire Retardant Treatment, Add	0.34	
		For >1,696 To 3,200, Deduct	-0.03	
		For >3,200 To 6,400, Deduct	-0.04	
		For >6,400 To 12,800, Deduct	-0.07	
		For >12,800, Deduct	-0.12	
06 16 33 00-0028	SF	1/2" Thick Plywood Underlayment BC Grade.....	1.88	0.80
		For Fire Retardant Treatment, Add	0.36	
		For >1,696 To 3,200, Deduct	-0.03	
		For >3,200 To 6,400, Deduct	-0.04	
		For >6,400 To 12,800, Deduct	-0.08	
		For >12,800, Deduct	-0.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0029 SF 5/8" Thick Plywood Underlayment BC Grade	2.14	0.80
For Fire Retardant Treatment, Add	0.43	
For >1,696 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.05	
For >6,400 To 12,800, Deduct	-0.09	
For >12,800, Deduct	-0.15	
For Tongue And Groove, Add	0.04	
06 16 33 00-0030 SF 3/4" Thick Plywood Underlayment BC Grade	2.26	0.80
For Fire Retardant Treatment, Add	0.53	
For >1,696 To 3,200, Deduct	-0.04	
For >3,200 To 6,400, Deduct	-0.06	
For >6,400 To 12,800, Deduct	-0.10	
For >12,800, Deduct	-0.16	
For Tongue And Groove, Add	0.05	
06 16 33 00-0031 SF 1-1/8" Thick Plywood Underlayment BC Grade	2.79	0.92
For Fire Retardant Treatment, Add	0.80	
For >1,696 To 3,200, Deduct	-0.06	
For >3,200 To 6,400, Deduct	-0.09	
For >6,400 To 12,800, Deduct	-0.14	
For >12,800, Deduct	-0.21	
For Tongue And Groove, Add	0.07	
06 16 33 00-0032 SF 3/8" Thick CDX Plywood Underlayment Grade.....	1.92	0.69
For Fire Retardant Treatment, Add	0.41	
For >1,696 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.05	
For >6,400 To 12,800, Deduct	-0.08	
For >12,800, Deduct	-0.13	
06 16 33 00-0033 SF 5/8" Thick CDX Plywood Underlayment Grade.....	2.36	0.80
For Fire Retardant Treatment, Add	0.62	
For >1,696 To 3,200, Deduct	-0.05	
For >3,200 To 6,400, Deduct	-0.07	
For >6,400 To 12,800, Deduct	-0.11	
For >12,800, Deduct	-0.17	
06 16 33 00-0034 Oriented Strand Board (06 16 33)		
06 16 33 00-0035 On Roof (06 16 33 00-0034)		
06 16 33 00-0036 SF 3/8" Thick Structural Oriented Strand Board (OSB) On Roof.....	1.74	0.69
For >1,408 To 3,200, Deduct	-0.02	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.08	
For >12,800, Deduct	-0.11	
For Fire Retardant Treatment, Add	0.31	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.03	
06 16 33 00-0037 SF 1/2" Thick Structural Oriented Strand Board (OSB) On Roof.....	1.93	0.69
For >1,408 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.09	
For >12,800, Deduct	-0.13	
For Fire Retardant Treatment, Add	0.36	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.22	
06 16 33 00-0038 SF 5/8" Thick Structural Oriented Strand Board (OSB) On Roof.....	2.25	0.80
For >1,408 To 3,200, Deduct	-0.04	
For >3,200 To 6,400, Deduct	-0.06	
For >6,400 To 12,800, Deduct	-0.11	
For >12,800, Deduct	-0.16	
For Fire Retardant Treatment, Add	0.52	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.39	
06 16 33 00-0039 SF 3/4" Thick Structural Oriented Strand Board (OSB) On Roof.....	2.59	0.80
For >1,408 To 3,200, Deduct	-0.05	
For >3,200 To 6,400, Deduct	-0.08	
For >6,400 To 12,800, Deduct	-0.14	
For >12,800, Deduct	-0.19	
For Fire Retardant Treatment, Add	0.69	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.58	
06 16 33 00-0040 On Walls (06 16 33 00-0034)		
06 16 33 00-0041 SF 3/8" Thick Structural Oriented Strand Board (OSB) On Walls	2.11	0.80
For >1,408 To 3,200, Deduct	-0.02	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.09	
For >12,800, Deduct	-0.13	
For Fire Retardant Treatment, Add	0.31	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.58	
06 16 33 00-0042 SF 1/2" Thick Structural Oriented Strand Board (OSB) On Walls	2.28	0.92
For >1,408 To 3,200, Deduct	-0.03	
For >3,200 To 6,400, Deduct	-0.04	
For >6,400 To 12,800, Deduct	-0.10	
For >12,800, Deduct	-0.15	
For Fire Retardant Treatment, Add	0.36	
For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add	2.75	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 16 Sheathing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0043	SF		5/8" Thick Structural Oriented Strand Board (OSB) On Walls.....	2.63	1.04
			<i>For >1,408 To 3,200, Deduct</i>	-0.04	
			<i>For >3,200 To 6,400, Deduct</i>	-0.06	
			<i>For >6,400 To 12,800, Deduct</i>	-0.12	
			<i>For >12,800, Deduct</i>	-0.18	
			<i>For Fire Retardant Treatment, Add</i>	0.52	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.96	
06 16 33 00-0044	SF		3/4" Thick Structural Oriented Strand Board (OSB) On Walls.....	2.99	1.04
			<i>For >1,408 To 3,200, Deduct</i>	-0.05	
			<i>For >3,200 To 6,400, Deduct</i>	-0.08	
			<i>For >6,400 To 12,800, Deduct</i>	-0.15	
			<i>For >12,800, Deduct</i>	-0.21	
			<i>For Fire Retardant Treatment, Add</i>	0.69	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	3.18	
06 16 33 00-0045			On Floors <small>(06 16 33 00-0034)</small>		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0046	SF		3/8" Thick Structural Oriented Strand Board (OSB) On Floors	1.77	0.69
			<i>For >1,408 To 3,200, Deduct</i>	-0.02	
			<i>For >3,200 To 6,400, Deduct</i>	-0.04	
			<i>For >6,400 To 12,800, Deduct</i>	-0.08	
			<i>For >12,800, Deduct</i>	-0.12	
			<i>For Fire Retardant Treatment, Add</i>	0.31	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.07	
06 16 33 00-0047	SF		1/2" Thick Structural Oriented Strand Board (OSB) On Floors	2.11	0.80
			<i>For >1,408 To 3,200, Deduct</i>	-0.03	
			<i>For >3,200 To 6,400, Deduct</i>	-0.04	
			<i>For >6,400 To 12,800, Deduct</i>	-0.09	
			<i>For >12,800, Deduct</i>	-0.14	
			<i>For Fire Retardant Treatment, Add</i>	0.36	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.49	
06 16 33 00-0048	SF		5/8" Thick Structural Oriented Strand Board (OSB) On Floors	2.47	0.92
			<i>For >1,408 To 3,200, Deduct</i>	-0.04	
			<i>For >3,200 To 6,400, Deduct</i>	-0.06	
			<i>For >6,400 To 12,800, Deduct</i>	-0.12	
			<i>For >12,800, Deduct</i>	-0.17	
			<i>For Fire Retardant Treatment, Add</i>	0.52	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.72	
06 16 33 00-0049	SF		3/4" Thick Structural Oriented Strand Board (OSB) On Floors	2.84	1.04
			<i>For >1,408 To 3,200, Deduct</i>	-0.05	
			<i>For >3,200 To 6,400, Deduct</i>	-0.08	
			<i>For >6,400 To 12,800, Deduct</i>	-0.14	
			<i>For >12,800, Deduct</i>	-0.20	
			<i>For Fire Retardant Treatment, Add</i>	0.69	
			<i>For Selective Replacement <400 (Includes Removal Of Damaged OSB And Fitting New OSB To Size), Add</i>	2.96	
06 16 33 00-0050			Particle Board <small>(06 16 33)</small>		
06 16 33 00-0051			Particle Board Floor Decking <small>(06 16 33 00-0050)</small>		
			Note: Includes patching of seams and all fastener holes where necessary.		
06 16 33 00-0052	SF		3/8" Particle Board Floor Decking	1.86	0.58
			Note: Applied to plywood subfloor.		
			<i>For Fire Retardant Treatment Add</i>	0.40	
			<i>For >1,536 To 3,200, Deduct</i>	-0.03	
			<i>For >3,200 To 6,400, Deduct</i>	-0.05	
			<i>For >6,400 To 12,800, Deduct</i>	-0.09	
			<i>For >12,800, Deduct</i>	-0.13	
			<i>For Tongue And Groove, Add</i>	0.04	
06 16 33 00-0053	SF		1/2" Particle Board Floor Decking.....	2.11	0.58
			Note: Applied to plywood subfloor.		
			<i>For Fire Retardant Treatment Add</i>	0.54	
			<i>For >1,536 To 3,200, Deduct</i>	-0.04	
			<i>For >3,200 To 6,400, Deduct</i>	-0.06	
			<i>For >6,400 To 12,800, Deduct</i>	-0.11	
			<i>For >12,800, Deduct</i>	-0.15	
			<i>For Tongue And Groove, Add</i>	0.05	
06 16 33 00-0054	SF		5/8" Particle Board Floor Decking.....	2.37	0.69
			Note: Applied to plywood subfloor.		
			<i>For Fire Retardant Treatment Add</i>	0.68	
			<i>For >1,536 To 3,200, Deduct</i>	-0.05	
			<i>For >3,200 To 6,400, Deduct</i>	-0.08	
			<i>For >6,400 To 12,800, Deduct</i>	-0.13	
			<i>For >12,800, Deduct</i>	-0.18	
			<i>For Tongue And Groove, Add</i>	0.06	
06 16 33 00-0055	SF		3/4" Particle Board Floor Decking	2.61	0.69
			Note: Applied to plywood subfloor.		
			<i>For Fire Retardant Treatment Add</i>	0.80	
			<i>For >1,536 To 3,200, Deduct</i>	-0.06	
			<i>For >3,200 To 6,400, Deduct</i>	-0.09	
			<i>For >6,400 To 12,800, Deduct</i>	-0.15	
			<i>For >12,800, Deduct</i>	-0.20	
			<i>For Tongue And Groove, Add</i>	0.07	
06 16 33 00-0056			PureBond Hardwood Plywood <small>(06 16 33)</small>		
			Note: Soy-based Purebond formaldehyde free assembly.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 16 33 00-0057 SF 1/4" Interior Birch Or Red Oak Hardwood Plywood (PureBond)	3.67	0.80
06 16 33 00-0058 SF 1/2" Interior Birch Or Red Oak Hardwood Plywood (PureBond)	4.76	0.92
06 16 33 00-0059 SF 3/4" Interior Birch Or Red Oak Hardwood Plywood (PureBond)	5.24	1.15
06 16 33 00-0060 SF 1/4" Interior Maple Hardwood Plywood (PureBond)	4.09	0.80
06 16 33 00-0061 SF 1/2" Interior Maple Hardwood Plywood (PureBond)	5.18	0.92
06 16 33 00-0062 SF 3/4" Interior Maple Hardwood Plywood (PureBond)	5.96	1.15
06 16 33 00-0063 SF 1/4" Interior Mahogany Hardwood Plywood (PureBond)	4.71	0.80
06 16 33 00-0064 SF 1/2" Interior Mahogany Hardwood Plywood (PureBond)	5.92	0.92
06 16 33 00-0065 SF 3/4" Interior Mahogany Hardwood Plywood (PureBond)	7.07	1.15
06 16 33 00-0066 SF 1/4" Interior Cherry Hardwood Plywood (PureBond)	5.09	0.80
06 16 33 00-0067 SF 1/2" Interior Cherry Hardwood Plywood (PureBond)	6.38	0.92
06 16 33 00-0068 SF 3/4" Interior Cherry Hardwood Plywood (PureBond)	7.48	1.15
06 16 33 00-0069 SF 1/4" Interior Walnut Hardwood Plywood (PureBond)	5.52	0.80
06 16 33 00-0070 SF 1/2" Interior Walnut Hardwood Plywood (PureBond)	6.90	0.92
06 16 33 00-0071 SF 3/4" Interior Walnut Hardwood Plywood (PureBond)	8.00	1.15
 06 16 43 Gypsum Sheathing (06 16)		
06 16 43 00-0001 Exterior Gypsum Sheathing (06 16 43)		
Note: Includes moisture resistant core and fiberglass mats on both sides and long edges.		
06 16 43 00-0002 SF 1/2" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.10	0.92
For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add		2.75
For Application To Metal Studs, Joists, Or Rafters, Add		0.37
For Ceiling Installation, Add		0.18
For >1,696 To 3,200, Deduct		-0.08
For >3,200 To 6,400, Deduct		-0.11
For >6,400 To 12,800, Deduct		-0.19
For >12,800, Deduct		-0.24
06 16 43 00-0003 SF 5/8" Exterior Gypsum Sheathing (GP Dens-Glass Gold)	3.35	1.15
For Selective Replacement <400 (Includes Removal Of Damaged Gypsum And Fitting New Gypsum To Size), Add		2.96
For Application To Metal Studs, Joists, Or Rafters, Add		0.39
For Ceiling Installation, Add		0.20
For >1,696 To 3,200, Deduct		-0.08
For >3,200 To 6,400, Deduct		-0.12
For >6,400 To 12,800, Deduct		-0.20
For >12,800, Deduct		-0.26
 06 17 Shop-Fabricated Structural Wood (06 10)		
06 17 13 Laminated Veneer Lumber (06 17)		
06 17 13 00-0001 Laminated Veneer Lumber (LVL) (06 17 13)		
06 17 13 00-0002 LF 1-3/4" Wide x 5-1/2" Deep Laminated Veneer Lumber (LVL)	6.90	1.99
06 17 13 00-0003 LF 1-3/4" Wide x 7-1/4" Deep Laminated Veneer Lumber (LVL)	7.48	2.02
06 17 13 00-0004 LF 1-3/4" Wide x 9-1/2" Deep Laminated Veneer Lumber (LVL)	8.16	2.05
06 17 13 00-0005 LF 1-3/4" Wide x 11-7/8" Deep Laminated Veneer Lumber (LVL)	9.00	2.09
06 17 13 00-0006 LF 1-3/4" Wide x 14" Deep Laminated Veneer Lumber (LVL)	9.65	2.12
06 17 13 00-0007 LF 1-3/4" Wide x 16" Deep Laminated Veneer Lumber (LVL)	10.56	2.19
06 17 13 00-0008 LF 1-3/4" Wide x 18" Deep Laminated Veneer Lumber (LVL)	11.83	2.23
06 17 13 00-0009 LF 1-3/4" Wide x 24" Deep Laminated Veneer Lumber (LVL)	15.92	2.53
 06 17 23 Parallel Strand Lumber (06 17)		
06 17 23 00-0001 Laminated Strand Lumber (LSL) (06 17 23)		
06 17 23 00-0002 LF 2" x 4" Laminated Strand Lumber (LSL)	2.37	0.92
06 17 23 00-0003 LF 2" x 6" Laminated Strand Lumber (LSL)	3.09	0.98
 06 17 33 Wood I-Joists (06 17)		
06 17 33 00-0001 Prefabricated Wood I-Joists (06 17 33)		
06 17 33 00-0002 LF 9-1/2" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.26	1.28
For I-Joists 30' To 40' In Length, Add		0.56
For I-Joists >40' In Length, Add		1.37
06 17 33 00-0003 LF 11-7/8" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	4.62	1.42
For I-Joists 30' To 40' In Length, Add		0.62
For I-Joists >40' In Length, Add		1.53
06 17 33 00-0004 LF 14" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	5.39	1.60
For I-Joists 30' To 40' In Length, Add		0.70
For I-Joists >40' In Length, Add		1.73
06 17 33 00-0005 LF 16" Deep, 3/8" Web With 1-1/2" x 1-3/4" Flanges Prefabricated Wood I-Joist, Up To 30' Length	6.05	1.77
For I-Joists 30' To 40' In Length, Add		0.78
For I-Joists >40' In Length, Add		1.92
 06 17 43 Rim Boards (06 17)		
06 17 43 00-0001 Oriented Strand Board (OSB) Rim Board (06 17 43)		
06 17 43 00-0002 LF 1-1/8" Wide x 9-1/2" Deep, Oriented Strand Board (OSB) Rim Board	5.84	2.05
06 17 43 00-0003 LF 1-1/8" Wide x 11-7/8" Deep, Oriented Strand Board (OSB) Rim Board	6.29	2.09
06 17 43 00-0004 LF 1-1/8" Wide x 14" Deep, Oriented Strand Board (OSB) Rim Board	6.84	2.12

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
06 17 53 Shop-Fabricated Wood Trusses (06 17)

Note: Includes temporary and permanent bracing, and fastening with truss tie-downs.

		TOTAL DIRECT	DEMOLITION
		UNIT COST	UNIT COST
06 17 53 00-0001	Pre-Assembled Wood Roof Trusses <small>(06 17 53)</small>		
Note: For King Post, Queen Post, Fink or Howe types. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.			
06 17 53 00-0002	EA 10' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	180.88	74.59
	For Up To 15, Add	2.38	
	For >35, Deduct	-1.59	
	For 3 In 12 Slope, Add	0.95	
	For 5 In 12 Slope, Add	2.54	
	For 6 In 12 Slope, Add	4.76	
	For 7 In 12 Slope, Add	6.34	
	For 8 In 12 Slope, Add	7.61	
06 17 53 00-0003	EA 12' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	200.41	81.69
	For Up To 15, Add	2.78	
	For >35, Deduct	-1.85	
	For 3 In 12 Slope, Add	1.11	
	For 5 In 12 Slope, Add	2.96	
	For 6 In 12 Slope, Add	5.55	
	For 7 In 12 Slope, Add	7.41	
	For 8 In 12 Slope, Add	8.89	
06 17 53 00-0004	EA 14' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	222.14	88.79
	For Up To 15, Add	3.34	
	For >35, Deduct	-2.23	
	For 3 In 12 Slope, Add	1.34	
	For 5 In 12 Slope, Add	3.56	
	For 6 In 12 Slope, Add	6.68	
	For 7 In 12 Slope, Add	8.91	
	For 8 In 12 Slope, Add	10.69	
06 17 53 00-0005	EA 16' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	249.70	95.90
	For Up To 15, Add	4.34	
	For >35, Deduct	-2.90	
	For 3 In 12 Slope, Add	1.74	
	For 5 In 12 Slope, Add	4.63	
	For 6 In 12 Slope, Add	8.69	
	For 7 In 12 Slope, Add	11.58	
	For 8 In 12 Slope, Add	13.90	
06 17 53 00-0006	EA 18' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	273.90	102.99
	For Up To 15, Add	5.09	
	For >35, Deduct	-3.40	
	For 3 In 12 Slope, Add	2.04	
	For 5 In 12 Slope, Add	5.43	
	For 6 In 12 Slope, Add	10.19	
	For 7 In 12 Slope, Add	13.58	
	For 8 In 12 Slope, Add	16.30	
06 17 53 00-0007	EA 20' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	290.71	113.65
	For Up To 15, Add	4.76	
	For >35, Deduct	-3.17	
	For 3 In 12 Slope, Add	1.90	
	For 5 In 12 Slope, Add	5.07	
	For 6 In 12 Slope, Add	9.51	
	For 7 In 12 Slope, Add	12.68	
	For 8 In 12 Slope, Add	15.22	
06 17 53 00-0008	EA 22' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	306.76	181.14
	For Up To 15, Add	4.89	
	For >35, Deduct	-3.26	
	For 3 In 12 Slope, Add	1.96	
	For 5 In 12 Slope, Add	5.22	
	For 6 In 12 Slope, Add	9.79	
	For 7 In 12 Slope, Add	13.05	
	For 8 In 12 Slope, Add	15.66	
06 17 53 00-0009	EA 24' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	326.51	127.86
	For Up To 15, Add	5.31	
	For >35, Deduct	-3.54	
	For 3 In 12 Slope, Add	2.12	
	For 5 In 12 Slope, Add	5.66	
	For 6 In 12 Slope, Add	10.62	
	For 7 In 12 Slope, Add	14.16	
	For 8 In 12 Slope, Add	16.99	
06 17 53 00-0010	EA 26' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	346.84	202.45
	For Up To 15, Add	5.77	
	For >35, Deduct	-3.85	
	For 3 In 12 Slope, Add	2.31	
	For 5 In 12 Slope, Add	6.15	
	For 6 In 12 Slope, Add	11.54	
	For 7 In 12 Slope, Add	15.38	
	For 8 In 12 Slope, Add	18.46	
06 17 53 00-0011	EA 28' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	367.97	142.07
	For Up To 15, Add	6.29	
	For >35, Deduct	-4.19	
	For 3 In 12 Slope, Add	2.52	
	For 5 In 12 Slope, Add	6.71	
	For 6 In 12 Slope, Add	12.58	
	For 7 In 12 Slope, Add	16.77	
	For 8 In 12 Slope, Add	20.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0012 EA 30' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	384.84	223.76
For Up To 15, Add	6.49	
For >35, Deduct	-4.33	
For 3 In 12 Slope, Add	2.60	
For 5 In 12 Slope, Add	6.92	
For 6 In 12 Slope, Add	12.98	
For 7 In 12 Slope, Add	17.30	
For 8 In 12 Slope, Add	20.76	
06 17 53 00-0013 EA 32' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	400.60	152.72
For Up To 15, Add	7.14	
For >35, Deduct	-4.76	
For 3 In 12 Slope, Add	2.85	
For 5 In 12 Slope, Add	7.61	
For 6 In 12 Slope, Add	14.27	
For 7 In 12 Slope, Add	19.03	
For 8 In 12 Slope, Add	22.84	
06 17 53 00-0014 EA 34' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	433.74	239.81
For Up To 15, Add	8.56	
For >35, Deduct	-5.70	
For 3 In 12 Slope, Add	3.42	
For 5 In 12 Slope, Add	9.13	
For 6 In 12 Slope, Add	17.11	
For 7 In 12 Slope, Add	22.82	
For 8 In 12 Slope, Add	27.38	
06 17 53 00-0015 EA 36' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	449.83	163.38
For Up To 15, Add	9.23	
For >35, Deduct	-6.15	
For 3 In 12 Slope, Add	3.69	
For 5 In 12 Slope, Add	9.85	
For 6 In 12 Slope, Add	18.46	
For 7 In 12 Slope, Add	24.61	
For 8 In 12 Slope, Add	29.54	
06 17 53 00-0016 EA 38' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	472.43	255.73
For Up To 15, Add	9.86	
For >35, Deduct	-6.57	
For 3 In 12 Slope, Add	3.94	
For 5 In 12 Slope, Add	10.52	
For 6 In 12 Slope, Add	19.72	
For 7 In 12 Slope, Add	26.29	
For 8 In 12 Slope, Add	31.55	
06 17 53 00-0017 EA 40' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	489.46	177.58
For Up To 15, Add	10.07	
For >35, Deduct	-6.71	
For 3 In 12 Slope, Add	4.03	
For 5 In 12 Slope, Add	10.74	
For 6 In 12 Slope, Add	20.14	
For 7 In 12 Slope, Add	26.86	
For 8 In 12 Slope, Add	32.23	
06 17 53 00-0018 EA 42' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	532.06	277.04
For Up To 15, Add	12.20	
For >35, Deduct	-8.13	
For 3 In 12 Slope, Add	4.88	
For 5 In 12 Slope, Add	13.01	
For 6 In 12 Slope, Add	24.40	
For 7 In 12 Slope, Add	32.54	
For 8 In 12 Slope, Add	39.04	
06 17 53 00-0019 EA 44' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	573.89	191.80
For Up To 15, Add	14.27	
For >35, Deduct	-9.52	
For 3 In 12 Slope, Add	5.71	
For 5 In 12 Slope, Add	15.22	
For 6 In 12 Slope, Add	28.55	
For 7 In 12 Slope, Add	38.06	
For 8 In 12 Slope, Add	45.67	
06 17 53 00-0020 EA 46' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	594.23	198.89
For Up To 15, Add	14.73	
For >35, Deduct	-9.82	
For 3 In 12 Slope, Add	5.89	
For 5 In 12 Slope, Add	15.72	
For 6 In 12 Slope, Add	29.47	
For 7 In 12 Slope, Add	39.29	
For 8 In 12 Slope, Add	47.15	
06 17 53 00-0021 EA 48' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	621.98	206.00
For Up To 15, Add	15.75	
For >35, Deduct	-10.50	
For 3 In 12 Slope, Add	6.30	
For 5 In 12 Slope, Add	16.80	
For 6 In 12 Slope, Add	31.50	
For 7 In 12 Slope, Add	42.00	
For 8 In 12 Slope, Add	50.40	
06 17 53 00-0022 EA 50' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	694.99	213.11
For Up To 15, Add	20.16	
For >35, Deduct	-13.44	
For 3 In 12 Slope, Add	8.06	
For 5 In 12 Slope, Add	21.50	
For 6 In 12 Slope, Add	40.32	
For 7 In 12 Slope, Add	53.76	
For 8 In 12 Slope, Add	64.51	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0023	EA		52' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	666.61	191.65
			<i>For Up To 15, Add</i>	18.03	
			<i>For >35, Deduct</i>	-12.02	
			<i>For 3 In 12 Slope, Add</i>	7.21	
			<i>For 5 In 12 Slope, Add</i>	19.23	
			<i>For 6 In 12 Slope, Add</i>	36.06	
			<i>For 7 In 12 Slope, Add</i>	48.08	
			<i>For 8 In 12 Slope, Add</i>	57.70	
06 17 53 00-0024	EA		54' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	699.53	223.76
			<i>For Up To 15, Add</i>	18.90	
			<i>For >35, Deduct</i>	-12.60	
			<i>For 3 In 12 Slope, Add</i>	7.56	
			<i>For 5 In 12 Slope, Add</i>	20.16	
			<i>For 6 In 12 Slope, Add</i>	37.80	
			<i>For 7 In 12 Slope, Add</i>	50.40	
			<i>For 8 In 12 Slope, Add</i>	60.48	
06 17 53 00-0025	EA		56' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	726.13	207.42
			<i>For Up To 15, Add</i>	19.83	
			<i>For >35, Deduct</i>	-13.22	
			<i>For 3 In 12 Slope, Add</i>	7.93	
			<i>For 5 In 12 Slope, Add</i>	21.15	
			<i>For 6 In 12 Slope, Add</i>	39.66	
			<i>For 7 In 12 Slope, Add</i>	52.88	
			<i>For 8 In 12 Slope, Add</i>	63.46	
06 17 53 00-0026	EA		58' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	747.90	234.42
			<i>For Up To 15, Add</i>	20.93	
			<i>For >35, Deduct</i>	-13.95	
			<i>For 3 In 12 Slope, Add</i>	8.37	
			<i>For 5 In 12 Slope, Add</i>	22.33	
			<i>For 6 In 12 Slope, Add</i>	41.86	
			<i>For 7 In 12 Slope, Add</i>	55.82	
			<i>For 8 In 12 Slope, Add</i>	66.98	
06 17 53 00-0027	EA		60' Pre-Assembled Wood Roof Truss, 4 In 12 Slope.....	762.58	237.97
			<i>For Up To 15, Add</i>	21.50	
			<i>For >35, Deduct</i>	-14.33	
			<i>For 3 In 12 Slope, Add</i>	8.60	
			<i>For 5 In 12 Slope, Add</i>	22.93	
			<i>For 6 In 12 Slope, Add</i>	43.00	
			<i>For 7 In 12 Slope, Add</i>	57.33	
			<i>For 8 In 12 Slope, Add</i>	68.80	
06 17 53 00-0028			Pre-Assembled Wood Gable End Roof Trusses <small>(06 17 53)</small>		
			Note: 24" on center gable studs. Includes 2" x 4" top and bottom chords up to 42' and with 2" x 6" top and bottom chords >42'.		
06 17 53 00-0029	EA		10' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	184.90	74.59
			<i>For 3 In 12 Slope, Add</i>	1.07	
			<i>For 5 In 12 Slope, Add</i>	2.86	
			<i>For 6 In 12 Slope, Add</i>	5.36	
			<i>For 7 In 12 Slope, Add</i>	7.15	
			<i>For 8 In 12 Slope, Add</i>	8.58	
			<i>For 16" On Center Gable Studs, Add</i>	7.15	
06 17 53 00-0030	EA		12' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	205.12	81.69
			<i>For 3 In 12 Slope, Add</i>	1.25	
			<i>For 5 In 12 Slope, Add</i>	3.34	
			<i>For 6 In 12 Slope, Add</i>	6.26	
			<i>For 7 In 12 Slope, Add</i>	8.35	
			<i>For 8 In 12 Slope, Add</i>	10.02	
			<i>For 16" On Center Gable Studs, Add</i>	8.35	
06 17 53 00-0031	EA		14' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	227.80	88.79
			<i>For 3 In 12 Slope, Add</i>	1.51	
			<i>For 5 In 12 Slope, Add</i>	4.02	
			<i>For 6 In 12 Slope, Add</i>	7.53	
			<i>For 7 In 12 Slope, Add</i>	10.04	
			<i>For 8 In 12 Slope, Add</i>	12.05	
			<i>For 16" On Center Gable Studs, Add</i>	10.04	
06 17 53 00-0032	EA		16' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	257.06	95.90
			<i>For 3 In 12 Slope, Add</i>	1.96	
			<i>For 5 In 12 Slope, Add</i>	5.22	
			<i>For 6 In 12 Slope, Add</i>	9.79	
			<i>For 7 In 12 Slope, Add</i>	13.05	
			<i>For 8 In 12 Slope, Add</i>	15.66	
			<i>For 16" On Center Gable Studs, Add</i>	13.05	
06 17 53 00-0033	EA		18' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	282.54	102.99
			<i>For 3 In 12 Slope, Add</i>	2.30	
			<i>For 5 In 12 Slope, Add</i>	6.12	
			<i>For 6 In 12 Slope, Add</i>	11.48	
			<i>For 7 In 12 Slope, Add</i>	15.31	
			<i>For 8 In 12 Slope, Add</i>	18.37	
			<i>For 16" On Center Gable Studs, Add</i>	15.31	
06 17 53 00-0034	EA		20' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	307.84	113.65
			<i>For 3 In 12 Slope, Add</i>	2.42	
			<i>For 5 In 12 Slope, Add</i>	6.44	
			<i>For 6 In 12 Slope, Add</i>	12.08	
			<i>For 7 In 12 Slope, Add</i>	16.11	
			<i>For 8 In 12 Slope, Add</i>	19.33	
			<i>For 16" On Center Gable Studs, Add</i>	16.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0035 EA 22' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	324.39	120.76
<i>For 3 In 12 Slope, Add</i>	2.49	
<i>For 5 In 12 Slope, Add</i>	6.63	
<i>For 6 In 12 Slope, Add</i>	12.43	
<i>For 7 In 12 Slope, Add</i>	16.58	
<i>For 8 In 12 Slope, Add</i>	19.89	
<i>For 16" On Center Gable Studs, Add</i>	16.58	
06 17 53 00-0036 EA 24' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	345.63	127.86
<i>For 3 In 12 Slope, Add</i>	2.70	
<i>For 5 In 12 Slope, Add</i>	7.19	
<i>For 6 In 12 Slope, Add</i>	13.49	
<i>For 7 In 12 Slope, Add</i>	17.98	
<i>For 8 In 12 Slope, Add</i>	21.58	
<i>For 16" On Center Gable Studs, Add</i>	17.98	
06 17 53 00-0037 EA 26' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	367.61	134.96
<i>For 3 In 12 Slope, Add</i>	2.93	
<i>For 5 In 12 Slope, Add</i>	7.81	
<i>For 6 In 12 Slope, Add</i>	14.65	
<i>For 7 In 12 Slope, Add</i>	19.54	
<i>For 8 In 12 Slope, Add</i>	23.44	
<i>For 16" On Center Gable Studs, Add</i>	19.54	
06 17 53 00-0038 EA 28' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	390.63	142.07
<i>For 3 In 12 Slope, Add</i>	3.20	
<i>For 5 In 12 Slope, Add</i>	8.52	
<i>For 6 In 12 Slope, Add</i>	15.98	
<i>For 7 In 12 Slope, Add</i>	21.30	
<i>For 8 In 12 Slope, Add</i>	25.56	
<i>For 16" On Center Gable Studs, Add</i>	21.30	
06 17 53 00-0039 EA 30' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	409.15	149.17
<i>For 3 In 12 Slope, Add</i>	3.32	
<i>For 5 In 12 Slope, Add</i>	8.86	
<i>For 6 In 12 Slope, Add</i>	16.62	
<i>For 7 In 12 Slope, Add</i>	22.16	
<i>For 8 In 12 Slope, Add</i>	26.59	
<i>For 16" On Center Gable Studs, Add</i>	22.16	
06 17 53 00-0040 EA 32' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	427.34	152.72
<i>For 3 In 12 Slope, Add</i>	3.66	
<i>For 5 In 12 Slope, Add</i>	9.75	
<i>For 6 In 12 Slope, Add</i>	18.28	
<i>For 7 In 12 Slope, Add</i>	24.38	
<i>For 8 In 12 Slope, Add</i>	29.25	
<i>For 16" On Center Gable Studs, Add</i>	24.38	
06 17 53 00-0041 EA 34' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	465.79	159.83
<i>For 3 In 12 Slope, Add</i>	4.38	
<i>For 5 In 12 Slope, Add</i>	11.69	
<i>For 6 In 12 Slope, Add</i>	21.92	
<i>For 7 In 12 Slope, Add</i>	29.23	
<i>For 8 In 12 Slope, Add</i>	35.07	
<i>For 16" On Center Gable Studs, Add</i>	29.23	
06 17 53 00-0042 EA 36' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	484.42	163.38
<i>For 3 In 12 Slope, Add</i>	4.73	
<i>For 5 In 12 Slope, Add</i>	12.61	
<i>For 6 In 12 Slope, Add</i>	23.65	
<i>For 7 In 12 Slope, Add</i>	31.53	
<i>For 8 In 12 Slope, Add</i>	37.84	
<i>For 16" On Center Gable Studs, Add</i>	31.53	
06 17 53 00-0043 EA 38' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	509.37	170.48
<i>For 3 In 12 Slope, Add</i>	5.05	
<i>For 5 In 12 Slope, Add</i>	13.47	
<i>For 6 In 12 Slope, Add</i>	25.26	
<i>For 7 In 12 Slope, Add</i>	33.68	
<i>For 8 In 12 Slope, Add</i>	40.42	
<i>For 16" On Center Gable Studs, Add</i>	33.68	
06 17 53 00-0044 EA 40' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	538.03	177.58
<i>For 3 In 12 Slope, Add</i>	5.49	
<i>For 5 In 12 Slope, Add</i>	14.63	
<i>For 6 In 12 Slope, Add</i>	27.43	
<i>For 7 In 12 Slope, Add</i>	36.57	
<i>For 8 In 12 Slope, Add</i>	43.89	
<i>For 16" On Center Gable Studs, Add</i>	36.57	
06 17 53 00-0045 EA 42' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	590.91	184.69
<i>For 3 In 12 Slope, Add</i>	6.65	
<i>For 5 In 12 Slope, Add</i>	17.72	
<i>For 6 In 12 Slope, Add</i>	33.23	
<i>For 7 In 12 Slope, Add</i>	44.31	
<i>For 8 In 12 Slope, Add</i>	53.17	
<i>For 16" On Center Gable Studs, Add</i>	44.31	
06 17 53 00-0046 EA 44' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	642.73	191.80
<i>For 3 In 12 Slope, Add</i>	7.77	
<i>For 5 In 12 Slope, Add</i>	20.73	
<i>For 6 In 12 Slope, Add</i>	38.87	
<i>For 7 In 12 Slope, Add</i>	51.83	
<i>For 8 In 12 Slope, Add</i>	62.20	
<i>For 16" On Center Gable Studs, Add</i>	51.83	

06 Wood, Plastics, and Composites**06 10 Rough Carpentry****06 17 Shop-Fabricated Structural Wood**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 17 53 00-0047	EA		46' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	665.29	198.89
			<i>For 3 In 12 Slope, Add</i>	8.03	
			<i>For 5 In 12 Slope, Add</i>	21.40	
			<i>For 6 In 12 Slope, Add</i>	40.13	
			<i>For 7 In 12 Slope, Add</i>	53.50	
			<i>For 8 In 12 Slope, Add</i>	64.20	
			<i>For 16" On Center Gable Studs, Add</i>	53.50	
06 17 53 00-0048	EA		48' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	697.93	206.00
			<i>For 3 In 12 Slope, Add</i>	8.58	
			<i>For 5 In 12 Slope, Add</i>	22.87	
			<i>For 6 In 12 Slope, Add</i>	42.89	
			<i>For 7 In 12 Slope, Add</i>	57.19	
			<i>For 8 In 12 Slope, Add</i>	68.62	
			<i>For 16" On Center Gable Studs, Add</i>	57.19	
06 17 53 00-0049	EA		50' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	754.30	213.11
			<i>For 3 In 12 Slope, Add</i>	9.84	
			<i>For 5 In 12 Slope, Add</i>	26.25	
			<i>For 6 In 12 Slope, Add</i>	49.22	
			<i>For 7 In 12 Slope, Add</i>	65.62	
			<i>For 8 In 12 Slope, Add</i>	78.74	
			<i>For 16" On Center Gable Studs, Add</i>	65.62	
06 17 53 00-0050	EA		52' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	772.89	220.20
			<i>For 3 In 12 Slope, Add</i>	9.97	
			<i>For 5 In 12 Slope, Add</i>	26.60	
			<i>For 6 In 12 Slope, Add</i>	49.87	
			<i>For 7 In 12 Slope, Add</i>	66.49	
			<i>For 8 In 12 Slope, Add</i>	79.79	
			<i>For 16" On Center Gable Studs, Add</i>	66.49	
06 17 53 00-0051	EA		54' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	796.05	223.76
			<i>For 3 In 12 Slope, Add</i>	10.46	
			<i>For 5 In 12 Slope, Add</i>	27.88	
			<i>For 6 In 12 Slope, Add</i>	52.28	
			<i>For 7 In 12 Slope, Add</i>	69.71	
			<i>For 8 In 12 Slope, Add</i>	83.65	
			<i>For 16" On Center Gable Studs, Add</i>	69.71	
06 17 53 00-0052	EA		56' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	827.39	230.86
			<i>For 3 In 12 Slope, Add</i>	10.97	
			<i>For 5 In 12 Slope, Add</i>	29.25	
			<i>For 6 In 12 Slope, Add</i>	54.85	
			<i>For 7 In 12 Slope, Add</i>	73.13	
			<i>For 8 In 12 Slope, Add</i>	87.76	
			<i>For 16" On Center Gable Studs, Add</i>	73.13	
06 17 53 00-0053	EA		58' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	854.78	234.42
			<i>For 3 In 12 Slope, Add</i>	11.58	
			<i>For 5 In 12 Slope, Add</i>	30.88	
			<i>For 6 In 12 Slope, Add</i>	57.89	
			<i>For 7 In 12 Slope, Add</i>	77.19	
			<i>For 8 In 12 Slope, Add</i>	92.63	
			<i>For 16" On Center Gable Studs, Add</i>	77.19	
06 17 53 00-0054	EA		60' Pre-Assembled Wood Gable End Roof Truss, 4 In 12 Slope.....	872.35	237.97
			<i>For 3 In 12 Slope, Add</i>	11.89	
			<i>For 5 In 12 Slope, Add</i>	31.71	
			<i>For 6 In 12 Slope, Add</i>	59.46	
			<i>For 7 In 12 Slope, Add</i>	79.28	
			<i>For 8 In 12 Slope, Add</i>	95.14	
			<i>For 16" On Center Gable Studs, Add</i>	79.28	

06 18 Glued-Laminated Construction (06 10)**06 18 13 Glued-Laminated Beams** (06 18)**06 18 13 00-0001 Glue Laminated Straight Beams** (06 18 13)

Note: Based on southern yellow pine or hemlock lumber with waterproof glue and factor applied sealer.

06 18 13 00-0002	LF		3-1/2" x 6" Glue Laminated Straight Beam	8.72	3.09
06 18 13 00-0003	LF		3-1/2" x 7-1/2" Glue Laminated Straight Beam	10.90	3.87
06 18 13 00-0004	LF		3-1/2" x 9" Glue Laminated Straight Beam	13.10	4.65
06 18 13 00-0005	LF		3-1/2" x 9-1/2" Glue Laminated Straight Beam	13.83	4.90
06 18 13 00-0006	LF		3-1/2" x 10-1/2" Glue Laminated Straight Beam	15.27	5.42
06 18 13 00-0007	LF		3-1/2" x 12" Glue Laminated Straight Beam	17.46	6.19
06 18 13 00-0008	LF		3-1/2" x 13-1/2" Glue Laminated Straight Beam	19.64	6.96
06 18 13 00-0009	LF		3-1/2" x 14" Glue Laminated Straight Beam	20.36	7.23
06 18 13 00-0010	LF		3-1/2" x 15" Glue Laminated Straight Beam	21.83	7.74
06 18 13 00-0011	LF		3-1/2" x 16" Glue Laminated Straight Beam	23.27	8.27
06 18 13 00-0012	LF		3-1/2" x 16-1/2" Glue Laminated Straight Beam	24.00	8.53
06 18 13 00-0013	LF		3-1/2" x 18" Glue Laminated Straight Beam	26.17	9.30
06 18 13 00-0014	LF		3-1/2" x 19-1/2" Glue Laminated Straight Beam	28.36	10.08
06 18 13 00-0015	LF		3-1/2" x 21" Glue Laminated Straight Beam	30.53	10.85
06 18 13 00-0016	LF		3-1/2" x 22.5" Glue Laminated Straight Beam	32.74	11.62
06 18 13 00-0017	LF		5-1/2" x 6" Glue Laminated Straight Beam	13.72	4.87
06 18 13 00-0018	LF		5-1/2" x 7-1/2" Glue Laminated Straight Beam	17.15	6.09
06 18 13 00-0019	LF		5-1/2" x 9" Glue Laminated Straight Beam	20.57	7.31
06 18 13 00-0020	LF		5-1/2" x 9-1/2" Glue Laminated Straight Beam	21.71	7.72
06 18 13 00-0021	LF		5-1/2" x 10-1/2" Glue Laminated Straight Beam	24.00	8.53
06 18 13 00-0022	LF		5-1/2" x 12" Glue Laminated Straight Beam	27.43	9.73
06 18 13 00-0023	LF		5-1/2" x 13-1/2" Glue Laminated Straight Beam	30.87	10.96
06 18 13 00-0024	LF		5-1/2" x 14" Glue Laminated Straight Beam	32.00	11.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 18 13 00-0025 LF 5-1/2" x 15" Glue Laminated Straight Beam	34.28	12.17
06 18 13 00-0026 LF 5-1/2" x 16" Glue Laminated Straight Beam	36.56	12.99
06 18 13 00-0027 LF 5-1/2" x 16-1/2" Glue Laminated Straight Beam	37.72	13.40
06 18 13 00-0028 LF 5-1/2" x 18" Glue Laminated Straight Beam	41.15	14.61
06 18 13 00-0029 LF 5-1/2" x 19-1/2" Glue Laminated Straight Beam	44.58	15.83
06 18 13 00-0030 LF 5-1/2" x 21" Glue Laminated Straight Beam	48.00	17.04
06 18 13 00-0031 LF 5-1/2" x 22.5" Glue Laminated Straight Beam	51.44	18.26
06 18 13 00-0032 LF 5-1/2" x 24" Glue Laminated Straight Beam	54.86	19.48
06 18 13 00-0033 LF 6-3/4" x 9" Glue Laminated Straight Beam	25.26	8.97
06 18 13 00-0034 LF 6-3/4" x 9-1/2" Glue Laminated Straight Beam	26.64	9.46
06 18 13 00-0035 LF 6-3/4" x 10-1/2" Glue Laminated Straight Beam	29.46	10.47
06 18 13 00-0036 LF 6-3/4" x 12" Glue Laminated Straight Beam	33.67	11.94
06 18 13 00-0037 LF 6-3/4" x 13-1/2" Glue Laminated Straight Beam	37.87	13.44
06 18 13 00-0038 LF 6-3/4" x 14" Glue Laminated Straight Beam	39.27	13.95
06 18 13 00-0039 LF 6-3/4" x 15" Glue Laminated Straight Beam	42.08	14.94
06 18 13 00-0040 LF 6-3/4" x 16" Glue Laminated Straight Beam	44.89	15.93
06 18 13 00-0041 LF 6-3/4" x 16-1/2" Glue Laminated Straight Beam	46.29	16.43
06 18 13 00-0042 LF 6-3/4" x 18" Glue Laminated Straight Beam	50.49	17.92
06 18 13 00-0043 LF 6-3/4" x 19-1/2" Glue Laminated Straight Beam	54.71	19.42
06 18 13 00-0044 LF 6-3/4" x 21" Glue Laminated Straight Beam	58.91	20.91
06 18 13 00-0045 LF 6-3/4" x 22.5" Glue Laminated Straight Beam	63.12	22.41
06 18 13 00-0046 LF 6-3/4" x 24" Glue Laminated Straight Beam	67.33	23.91
06 18 13 00-0047 LF 8-3/4" x 9" Glue Laminated Straight Beam	32.74	11.62
06 18 13 00-0048 LF 8-3/4" x 9-1/2" Glue Laminated Straight Beam	34.54	12.26
06 18 13 00-0049 LF 8-3/4" x 10-1/2" Glue Laminated Straight Beam	38.18	13.56
06 18 13 00-0050 LF 8-3/4" x 12" Glue Laminated Straight Beam	43.63	15.49
06 18 13 00-0051 LF 8-3/4" x 13-1/2" Glue Laminated Straight Beam	49.10	17.43
06 18 13 00-0052 LF 8-3/4" x 14" Glue Laminated Straight Beam	50.90	18.08
06 18 13 00-0053 LF 8-3/4" x 15" Glue Laminated Straight Beam	54.54	19.36
06 18 13 00-0054 LF 8-3/4" x 16" Glue Laminated Straight Beam	58.18	20.66
06 18 13 00-0055 LF 8-3/4" x 16-1/2" Glue Laminated Straight Beam	60.01	21.30
06 18 13 00-0056 LF 8-3/4" x 18" Glue Laminated Straight Beam	65.46	23.23
06 18 13 00-0057 LF 8-3/4" x 19-1/2" Glue Laminated Straight Beam	70.92	25.17
06 18 13 00-0058 LF 8-3/4" x 21" Glue Laminated Straight Beam	76.37	27.12
06 18 13 00-0059 LF 8-3/4" x 22.5" Glue Laminated Straight Beam	81.82	29.05
06 18 13 00-0060 LF 8-3/4" x 24" Glue Laminated Straight Beam	87.27	30.99
06 18 13 00-0061 Glue Laminated Decking <small>(06 18 13)</small>		
06 18 13 00-0062 LF 2" - 4" Thick x 4" Wide Glue Laminated Decking	4.50	1.97
06 18 13 00-0063 LF 2" - 4" Thick x 6" Wide Glue Laminated Decking	4.67	1.97
06 18 13 00-0064 LF 2" - 4" Thick x 8" Wide Glue Laminated Decking	4.82	1.86
06 18 16 Glued-Laminated Columns <small>(06 18)</small>		
06 18 16 00-0001 Glue Laminated Structural Units <small>(06 18 16)</small>		
Note: Based on southern yellow pine or hemlock lumber in 2" laminations with waterproof glue and factor applied sealer.		
06 18 16 00-0002 LF 3-1/4" x 7-1/2" Glue Laminated Purlin Or Column	12.81	4.03
06 18 16 00-0003 LF 3-1/4" x 9-1/4" Glue Laminated Purlin Or Column	14.42	4.47
06 18 16 00-0004 LF 5-1/4" x 9-1/4" Glue Laminated Purlin Or Column	27.47	9.56
06 18 16 00-0005 LF 5-1/4" x 13" Glue Laminated Purlin Or Column	30.03	10.02
06 20 Finish Carpentry <small>(06)</small>		
06 22 Millwork <small>(06 20)</small>		
06 22 13 Standard Pattern Wood Trim <small>(06 22)</small>		
06 22 13 00-0001 Pine Moldings (All Dimensions Are Nominal) <small>(06 22 13)</small>		
06 22 13 00-0002 LF 1/4" x 1-1/4" Wood Lattice Strip	3.34	1.15
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	0.43	
06 22 13 00-0003 LF 1/4" x 1-5/8" Wood Lattice Strip	3.51	0.92
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	0.43	
06 22 13 00-0004 LF 1/4" x 2-1/2" Wood Lattice Strip	4.49	0.92
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	0.43	
06 22 13 00-0005 LF 1/4" x 3-1/2" Wood Lattice Strip	5.06	0.92
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	0.43	
06 22 13 00-0006 Ceilings (All Dimensions Are Nominal) <small>(06 22 13)</small>		
06 22 13 00-0007 White Pine <small>(06 22 13 00-0006)</small>		
06 22 13 00-0008 LF 9/16" x 3-5/8" White Pine Crown Or Bed Molding	15.93	4.00
<i>For Birch, Add</i>		
	3.68	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>		
	5.17	
<i>For Poplar, Add</i>		
	2.04	
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	1.32	
<i>For Stain Grade Material (No Finger Joints), Add</i>		
	1.33	

06 Wood, Plastics, and Composites**06 20 Finish Carpentry****06 22 Millwork**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0009	LF		11/16" x 4-5/8" White Pine Crown Or Bed Molding	21.42	4.80
			<i>For Birch, Add</i>	5.25	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	7.24	
			<i>For Poplar, Add</i>	2.91	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.58	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	1.89	
06 22 13 00-0010	LF		3/4" x 3/4" White Pine Crown Or Bed Molding	7.61	2.74
			<i>For Birch, Add</i>	1.09	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.83	
			<i>For Poplar, Add</i>	0.61	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.40	
06 22 13 00-0011	LF		9/16" x 1-5/8" White Pine Crown Or Bed Molding	8.71	2.74
			<i>For Birch, Add</i>	1.49	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.32	
			<i>For Poplar, Add</i>	0.83	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.54	
06 22 13 00-0012	LF		9/16" x 2-1/4" White Pine Crown Or Bed Molding	11.46	3.43
			<i>For Birch, Add</i>	2.07	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.16	
			<i>For Poplar, Add</i>	1.15	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.32	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.75	
06 22 13 00-0013	LF		3/4" x 3-1/2" White Pine Crown Or Bed Molding	13.29	3.43
			<i>For Birch, Add</i>	2.73	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.98	
			<i>For Poplar, Add</i>	1.51	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.32	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.98	
06 22 13 00-0014	LF		5/8" x 4-1/4" White Pine Crown Or Bed Molding	16.52	4.12
			<i>For Birch, Add</i>	3.48	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	5.04	
			<i>For Poplar, Add</i>	1.93	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.58	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	1.26	
06 22 13 00-0015	LF		1" x 2" White Pine Dentil Molding	7.90	3.20
			<i>For Birch, Add</i>	1.20	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.96	
			<i>For Poplar, Add</i>	0.67	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.05	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.43	
06 22 13 00-0016	LF		9/16" x 1-3/4" White Pine Cove Molding	6.70	2.40
			<i>For Birch, Add</i>	1.18	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.81	
			<i>For Poplar, Add</i>	0.65	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.79	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.43	
06 22 13 00-0017	LF		11/16" x 2-3/4" White Pine Cove Molding	10.20	2.40
			<i>For Birch, Add</i>	2.44	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	3.39	
			<i>For Poplar, Add</i>	1.35	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.79	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.88	
06 22 13 00-0018	LF		3/8" x 3/8" White Pine Cove Molding	3.94	1.37
			<i>For Birch, Add</i>	0.56	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	0.94	
			<i>For Poplar, Add</i>	0.31	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.55	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.20	
06 22 13 00-0019	LF		1/2" x 1/2" White Pine Cove Molding	4.32	1.37
			<i>For Birch, Add</i>	0.69	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.11	
			<i>For Poplar, Add</i>	0.39	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.55	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.25	
06 22 13 00-0020	LF		5/8" x 5/8" White Pine Cove Molding	5.79	1.71
			<i>For Birch, Add</i>	1.05	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.60	
			<i>For Poplar, Add</i>	0.59	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.38	
06 22 13 00-0021	LF		3/4" x 3/4" White Pine Cove Molding	5.79	1.71
			<i>For Birch, Add</i>	1.05	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	1.60	
			<i>For Poplar, Add</i>	0.59	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.38	
06 22 13 00-0022	LF		15/16" x 15/16" White Pine Cove Molding	7.55	1.71
			<i>For Birch, Add</i>	1.69	
			<i>For Mahogany, Oak, Maple Or Walnut, Add</i>	2.40	
			<i>For Poplar, Add</i>	0.94	
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.66	
			<i>For Stain Grade Material (No Finger Joints), Add</i>	0.61	
06 22 13 00-0023	LF		7-1/2" Wide White Pine Mullion Covers	50.17	2.05
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	
06 22 13 00-0024	LF		Three Piece White Pine Mullion Trim, 2 Cove Moldings	63.59	2.05
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 22 13 00-0025 LF 2-1/2" - 3-1/2" White Pine Staff Molding <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.84 0.55	1.15
06 22 13 00-0026 LF 2-1/2" - 3-1/2" White Pine Cove Staff Molding <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.32 0.55	1.15
06 22 13 00-0027 Cedar Trim <small>(06 22 13 00-0006)</small>		
06 22 13 00-0028 LF 2" x 4" Cedar Ceiling Trim <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.28 1.91	5.76
06 22 13 00-0029 Oak Trim <small>(06 22 13 00-0006)</small>		
06 22 13 00-0030 LF 1" x 8" Clear Oak Ceiling Trim <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.87 1.77	5.30
06 22 13 00-0031 Closet Poles <small>(06 22 13)</small>		
06 22 13 00-0032 LF 1-1/8" Diameter Pine Closet Poles	11.65	2.97
06 22 13 00-0033 LF 1-5/8" Diameter Pine Closet Poles	14.27	2.97
06 22 13 00-0034 LF 2" Diameter Pine Closet Poles.....	19.66	3.31
 06 25 Prefinished Paneling <small>(06 20)</small>		
06 25 16 Prefinished Plywood Paneling <small>(06 25)</small>		
06 25 16 00-0001 Hardboard Panels <small>(06 25 16)</small> Note: Excludes furring and trim.		
06 25 16 00-0002 Tempered Hardboard Panels <small>(06 25 16 00-0001)</small>		
06 25 16 00-0003 SF 1/4" Tempered Hardboard Panels <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	5.82 0.08 1.41 0.29 -0.52 1.16 1.40 1.70 0.88	2.07
06 25 16 00-0004 SF 1/4" Plastic Faced Tempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	6.54 0.07 1.66 0.33 -0.56 1.21 1.42 1.69 0.80	2.53
06 25 16 00-0005 SF 1/4" Pegboard Tempered Hardboard Panels..... <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	6.57 0.13 1.41 0.33 -0.64 1.57 1.96 2.46 1.47	2.07
06 25 16 00-0006 SF 1/4" Plastic Faced Pegboard Tempered Hardboard <i>For Waterproof Glue, Add</i> <i>For Ceiling Installation, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For 1/8" Thick Paneling, Deduct</i> <i>For 1/2" Thick Paneling, Add</i> <i>For 5/8" Thick Paneling, Add</i> <i>For 3/4" Thick Paneling, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	6.77 0.09 1.66 0.34 -0.59 1.33 1.59 1.93 0.98	2.53
06 25 16 00-0007 Untempered Hardboard Panels <small>(06 25 16 00-0001)</small>		
06 25 16 00-0008 SF 1/4" Untempered Hardboard Panels <i>For Waterproof Glue, Add</i> <i>For Glue Laminated Installation, Add</i> <i>For Lumber Core, Add</i> <i>For Fire Retardant Treatment (Class I), Add</i>	5.58 0.06 0.28 0.10 0.69	2.07
 06 40 Architectural Woodwork <small>(06)</small>		
06 41 Architectural Wood Casework <small>(06 40)</small>		
06 41 13 Wood-Veneer-Faced Architectural Cabinets <small>(06 41)</small>		
06 41 13 00-0001 Removal And Reinstallation Of Cabinet Or Counters <small>(06 41 13)</small> Note: Includes storage, cleaning and supply materials. Any height or width.		
06 41 13 00-0002 LF Removal And Reinstallation Of Wood Base Cabinets	87.45	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0003	LF		Removal And Reinstallation Of Wall Cabinets	76.04	
06 41 13 00-0004	LF		Removal And Reinstallation Of Plastic Laminated Countertops	18.03	
06 41 13 00-0005			Wood-Veneer Faced Wall And Base Cabinets <small>(06 41 13)</small> Note: Kitchen cabinets are constructed of 3/8" and 1/2" thick laminated particleboard with corner braces. Shelves are 3/4" laminated particleboard. The face frame is 3/4" x 1-1/2" solid wood. Hinges are 6 way adjustable, fully concealed steel. Drawers are 1/2" thick laminated particleboard boxes with 3/8" laminated particleboard bottoms. Drawer guides are side mounted, epoxy coated double rails. Excludes door or drawer pull hardware.		
06 41 13 00-0006			Solid Maple Face Frame And Door, Wall And Base Cabinets <small>(06 41 13 00-0005)</small>		
06 41 13 00-0007			Base Cabinets, 35" High, 23-3/4" Deep <small>(06 41 13 00-0006)</small>		
06 41 13 00-0008	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	393.38	22.86
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0009	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	418.60	28.57
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0010	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	437.72	34.29
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0011	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	460.57	40.01
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0012	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	524.35	45.72
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0013	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	548.24	51.44
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0014	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	593.11	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0015	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	624.85	62.87
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0016	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	644.26	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0017	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Maple Face Frame, Door and Drawer Front, Base Cabinet.....	735.05	91.45
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0018	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	814.78	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0019	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	904.52	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0020	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	855.35	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0021	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Maple Face Frame and Drawer Fronts, Base Cabinet	954.99	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0022	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	399.32	22.86
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0023	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	408.71	28.57
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0024	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	446.62	34.29
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0025	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	475.41	40.01
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0026 EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	495.65	45.72
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0027 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	520.53	51.44
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0028 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	853.37	57.15
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0029 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	899.96	62.87
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0030 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	946.09	68.58
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0031 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	490.36	22.86
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0032 EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	500.74	28.57
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0033 EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	543.60	34.29
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0034 EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	578.33	40.01
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0035 EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	608.47	45.72
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0036 EA 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	639.28	51.44
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0037 EA 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	894.94	57.15
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0038 EA 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	946.47	62.87
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0039 EA 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Maple Face Frame and Drawer Fronts, Base Cabinet.....	999.52	68.58
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0040 Wall Cabinet, 12" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0041 EA 30" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	352.81	57.15
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0042 EA 33" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	376.47	62.87
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0043 EA 36" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	415.05	68.58
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0044 EA 39" Wide, 12" High x 12" Deep, Double Door, Solid Maple Face Frame and Doors, Wall Cabinet.....	442.76	74.30
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0045 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0046 EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	299.31	22.86
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0047 EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	306.54	28.57
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0048 EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	321.69	34.29
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0049 EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	329.91	40.01
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0050 EA 24" Wide, 14" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet.....	339.13	45.72
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0051 EA 30" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	355.27	57.15
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0052 EA 33" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	380.32	62.87
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0053 EA 36" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet.....	415.05	68.58
For All Plywood Box Construction, Add	65.31	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0054	EA		39" Wide, 14" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	442.76 65.31	74.30
06 41 13 00-0055			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0056	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	311.19 65.31	22.86
06 41 13 00-0057	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	327.32 65.31	28.57
06 41 13 00-0058	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	339.51 65.31	34.29
06 41 13 00-0059	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	352.67 65.31	40.01
06 41 13 00-0060	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	370.79 65.31	45.72
06 41 13 00-0061	EA		27" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	391.73 65.31	51.46
06 41 13 00-0062	EA		30" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	410.69 65.31	57.15
06 41 13 00-0063	EA		33" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	425.84 65.31	62.87
06 41 13 00-0064	EA		36" Wide, 18" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	434.84 65.31	68.58
06 41 13 00-0065			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0066	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	338.45 65.31	22.86
06 41 13 00-0067	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	368.48 65.31	28.57
06 41 13 00-0068	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	393.29 65.31	34.29
06 41 13 00-0069	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	423.26 65.31	40.01
06 41 13 00-0070	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	452.29 65.31	45.72
06 41 13 00-0071	EA		27" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	495.96 65.31	51.46
06 41 13 00-0072	EA		30" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	507.99 65.31	57.15
06 41 13 00-0073	EA		33" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	554.00 65.31	62.87
06 41 13 00-0074	EA		36" Wide, 30" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	570.30 65.31	68.58
06 41 13 00-0075			Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0076	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	381.00 65.31	22.86
06 41 13 00-0077	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	413.01 65.31	28.57
06 41 13 00-0078	EA		18" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	440.79 65.31	34.29
06 41 13 00-0079	EA		21" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	472.74 65.31	40.01
06 41 13 00-0080	EA		24" Wide, 36" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	554.21 65.31	45.72
06 41 13 00-0081	EA		27" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	557.31 65.31	51.46
06 41 13 00-0082	EA		30" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	577.26 65.31	57.15
06 41 13 00-0083	EA		33" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	631.18 65.31	62.87
06 41 13 00-0084	EA		36" Wide, 36" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	647.49 65.31	68.58
06 41 13 00-0085			Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0006)		
06 41 13 00-0086	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	425.53 65.31	22.86
06 41 13 00-0087	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	464.47 65.31	28.57
06 41 13 00-0088	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	494.23 65.31	34.29
06 41 13 00-0089	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	525.18 65.31	40.01
06 41 13 00-0090	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	572.03 65.31	45.72
06 41 13 00-0091	EA		27" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	610.75 65.31	51.46
06 41 13 00-0092	EA		30" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	642.58 65.31	57.15
06 41 13 00-0093	EA		33" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	703.42 65.31	62.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0094 EA 36" Wide, 42" High x 12" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	724.67 65.31	68.58
06 41 13 00-0095 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0006)		
06 41 13 00-0096 EA 30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	404.10 65.31	57.15
06 41 13 00-0097 EA 33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	433.86 65.31	62.87
06 41 13 00-0098 EA 36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	466.14 65.31	68.58
06 41 13 00-0099 EA 39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Maple Face Frame and Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	503.99 65.31	74.30
06 41 13 00-0100 EA 48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Maple Face Frame and Door, Wall Cabinet..... <i>For All Plywood Box Construction, Add</i>	595.37 65.31	91.45
06 41 13 00-0101 Utility Cabinets, 84" High (06 41 13 00-0006)		
06 41 13 00-0102 EA 15" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	772.68 241.46	50.80
06 41 13 00-0103 EA 18" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	874.00 241.46	60.96
06 41 13 00-0104 EA 21" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	982.27 241.46	477.55
06 41 13 00-0105 EA 24" Wide, 84" High x 12" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	1,032.15 241.46	81.29
06 41 13 00-0106 EA 30" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,249.26 241.46	101.60
06 41 13 00-0107 EA 36" Wide, 84" High x 12" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,440.64 241.46	121.93
06 41 13 00-0108 EA 15" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	873.62 241.46	50.80
06 41 13 00-0109 EA 18" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	966.03 241.46	60.96
06 41 13 00-0110 EA 21" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	1,103.00 241.46	71.13
06 41 13 00-0111 EA 24" Wide, 84" High x 24" Deep, Two Door, Solid Maple Face Frame and Door, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	1,171.68 241.46	81.29
06 41 13 00-0112 EA 30" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,454.11 241.46	101.60
06 41 13 00-0113 EA 36" Wide, 84" High x 24" Deep, Four Door, Solid Maple Face Frame and Door, Pantry Cabinet..... <i>For All Plywood Box Construction, Add</i>	1,662.30 241.46	121.93
06 41 13 00-0114 Solid Oak Face Frame And Door, Wall And Base Cabinets (06 41 13 00-0005)		
06 41 13 00-0115 Base Cabinets, 35" High, 23-3/4" Deep (06 41 13 00-0114)		
06 41 13 00-0116 EA 12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	354.79 116.77 121.72	22.86
06 41 13 00-0117 EA 15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	377.04 116.77 121.72	28.57
06 41 13 00-0118 EA 18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	394.18 116.77 121.72	34.29
06 41 13 00-0119 EA 21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	415.05 116.77 121.72	40.01
06 41 13 00-0120 EA 24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	470.91 116.77 121.72	45.72
06 41 13 00-0121 EA 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	492.83 116.77 121.72	51.44
06 41 13 00-0122 EA 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	531.76 116.77 121.72	57.15
06 41 13 00-0123 EA 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	560.53 116.77 121.72	62.87
06 41 13 00-0124 EA 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet..... <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	577.96 116.77 121.72	68.58

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0125	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Oak Face Frame, Door and Drawer Front, Base Cabinet.....	658.85	91.45
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0126	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	727.70	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0127	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	806.56	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0128	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	763.32	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0129	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	851.09	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0130	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	360.73	22.86
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0131	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	369.13	28.57
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0132	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	402.09	34.29
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0133	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	427.91	40.01
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0134	EA		24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	446.18	45.72
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0135	EA		27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	468.09	51.44
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0136	EA		30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	761.34	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0137	EA		33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	801.99	62.87
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0138	EA		36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	843.17	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0139	EA		12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	439.89	22.86
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0140	EA		15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	450.27	28.57
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0141	EA		18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	488.19	34.29
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0142	EA		21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	518.95	40.01
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0143	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	545.13	45.72
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0144	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	572.98	51.44
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0145	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	797.96	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0146	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	843.55	62.87
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0147	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Oak Face Frame and Drawer Fronts, Base Cabinet.....	890.67	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0148			Wall Cabinets, 12" High, 12" Deep <small>(06 41 13 00-0144)</small>		
06 41 13 00-0149	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	319.17	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0150	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	339.86	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0151	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	374.48	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0152	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Oak Face Frame and Doors, Wall Cabinet.....	399.21	74.30
			<i>For All Plywood Box Construction, Add</i>	65.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0153 Wall Cabinets, 14" High, 12" Deep <small>(06 41 13 00-0114)</small>		
06 41 13 00-0154 EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	271.60	22.86
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0155 EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	277.84	28.57
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0156 EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	291.02	34.29
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0157 EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	299.23	40.01
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0158 EA 24" Wide, 14" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	307.46	45.72
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0159 EA 30" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	321.63	57.15
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0160 EA 33" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	343.71	62.87
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0161 EA 36" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	374.48	68.58
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0162 EA 39" Wide, 14" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	399.21	74.30
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0163 Wall Cabinets, 18" High, 12" Deep <small>(06 41 13 00-0114)</small>		
06 41 13 00-0164 EA 12" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	281.50	22.86
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0165 EA 15" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	295.65	28.57
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0166 EA 18" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	306.85	34.29
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0167 EA 21" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	319.03	40.01
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0168 EA 24" Wide, 18" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	335.17	45.72
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0169 EA 27" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	354.12	51.46
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0170 EA 30" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	370.12	57.15
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0171 EA 33" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	384.28	62.87
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0172 EA 36" Wide, 18" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	392.29	68.58
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0173 Wall Cabinets, 30" High, 12" Deep <small>(06 41 13 00-0114)</small>		
06 41 13 00-0174 EA 12" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	307.77	22.86
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0175 EA 15" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	334.83	28.57
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0176 EA 18" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	356.68	34.29
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0177 EA 21" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	382.69	40.01
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0178 EA 24" Wide, 30" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	408.74	45.72
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0179 EA 27" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	447.47	51.46
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0180 EA 30" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	458.51	57.15
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0181 EA 33" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	498.58	62.87
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0182 EA 36" Wide, 30" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	513.89	68.58
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0183 Wall Cabinets, 36" High, 12" Deep <small>(06 41 13 00-0114)</small>		
06 41 13 00-0184 EA 12" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	345.38	22.86
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0185 EA 15" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	373.43	28.57
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0186 EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	398.24	34.29
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0187 EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	426.23	40.01
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0188 EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	498.80	45.72
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0189 EA 27" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	500.91	51.46
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0190 EA 30" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	518.88	57.15
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0191 EA 33" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	566.86	62.87
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	
06 41 13 00-0192 EA 36" Wide, 36" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	581.18	68.58
<i>For All Plywood Box Construction, Add</i>	<i>65.31</i>	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0193			Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0114)		
06 41 13 00-0194	EA		12" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	383.97	22.86
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0195	EA		15" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	418.95	28.57
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0196	EA		18" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	445.74	34.29
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0197	EA		21" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	472.74	40.01
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0198	EA		24" Wide, 42" High x 12" Deep, Single Door, Solid Oak Face Frame and Door, Wall Cabinet.....	514.63	45.72
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0199	EA		27" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	548.41	51.46
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0200	EA		30" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	576.27	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0201	EA		33" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	630.19	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0202	EA		36" Wide, 42" High x 12" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet.....	649.47	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0203			Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0114)		
06 41 13 00-0204	EA		30" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	365.51	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0205	EA		33" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	392.30	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0206	EA		36" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	420.62	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0207	EA		39" Wide, 12" High x 23-3/4" Deep, Double Door, Solid Oak Face Frame and Door, Wall Cabinet	454.51	74.30
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0208	EA		48" Wide, 12" High x 23-3/4" Deep, Triple Door, Solid Oak Face Frame and Door, Wall Cabinet.....	535.00	91.45
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0209			Utility Cabinets, 84" High (06 41 13 00-0114)		
06 41 13 00-0210	EA		15" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	701.43	50.80
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0211	EA		18" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	792.86	60.96
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0212	EA		21" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	890.24	477.55
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0213	EA		24" Wide, 84" High x 12" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	936.16	81.29
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0214	EA		30" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,128.53	101.60
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0215	EA		36" Wide, 84" High x 12" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,299.13	121.93
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0216	EA		15" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	790.49	50.80
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0217	EA		18" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	874.00	60.96
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0218	EA		21" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	996.13	71.13
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0219	EA		24" Wide, 84" High x 24" Deep, Two Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,058.87	81.29
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0220	EA		30" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,308.64	101.60
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0221	EA		36" Wide, 84" High x 24" Deep, Four Door, Solid Oak Face Frame and Door, Pantry Cabinet.....	1,494.08	121.93
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0222			Solid Wood Face Frame And Thermofoil Door, Wall And Base Cabinets (06 41 13 00-0005)		
06 41 13 00-0224	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	354.79	22.86
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0225	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	377.04	28.57
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0226	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	394.18	34.29
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0227	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet.....	415.05	40.01
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0228	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet	470.91	45.72
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0229 EA 27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	492.83 116.77 121.72	51.44
06 41 13 00-0230 EA 30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	531.76 116.77 121.72	57.15
06 41 13 00-0231 EA 33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	560.53 116.77 121.72	62.87
06 41 13 00-0232 EA 36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	577.96 116.77 121.72	68.58
06 41 13 00-0233 EA 48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Thermofoil Door and Drawer Front, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	658.85 233.54 121.72	91.45
06 41 13 00-0234 EA 30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	727.70 233.54 121.72	57.15
06 41 13 00-0235 EA 36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	806.56 233.54 121.72	68.58
06 41 13 00-0236 EA 30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	763.32 350.31 121.72	57.15
06 41 13 00-0237 EA 36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	851.09 350.31 121.72	68.58
06 41 13 00-0238 EA 12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	360.73 350.31 121.72	22.86
06 41 13 00-0239 EA 15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	369.13 350.31 121.72	28.57
06 41 13 00-0240 EA 18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	402.09 350.31 121.72	34.29
06 41 13 00-0241 EA 21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	427.91 350.31 121.72	40.01
06 41 13 00-0242 EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	446.18 350.31 121.72	45.72
06 41 13 00-0243 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	468.09 350.31 121.72	51.44
06 41 13 00-0244 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	761.34 350.31 121.72	57.15
06 41 13 00-0245 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	801.99 350.31 121.72	62.87
06 41 13 00-0246 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	843.17 350.31 121.72	68.58
06 41 13 00-0247 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	439.89 467.08 121.72	22.86
06 41 13 00-0248 EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	450.27 467.08 121.72	28.57
06 41 13 00-0249 EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	488.19 467.08 121.72	34.29
06 41 13 00-0250 EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet <i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i> <i>For All Plywood Box Construction, Add</i>	518.95 467.08 121.72	40.01

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0251	EA		24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	545.13	45.72
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0252	EA		27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	572.98	51.44
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0253	EA		30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	797.96	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0254	EA		33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	843.55	62.87
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0255	EA		36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Thermofoil Drawer Fronts, Base Cabinet.....	890.67	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	467.08	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0256			Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0257	EA		30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	319.17	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0258	EA		33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	339.86	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0259	EA		36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	374.48	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0260	EA		39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	399.21	74.30
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0261			Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0262	EA		12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	271.60	22.86
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0263	EA		15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	277.84	28.57
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0264	EA		18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	291.02	34.29
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0265	EA		21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	299.23	40.01
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0266	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	307.46	45.72
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0267	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	321.63	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0268	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	343.71	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0269	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	374.48	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0270	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	399.21	74.30
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0271			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0272	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	281.50	22.86
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0273	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	295.65	28.57
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0274	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	306.85	34.29
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0275	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	319.03	40.01
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0276	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	335.17	45.72
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0277	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	354.12	51.46
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0278	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	370.12	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0279	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	384.28	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0280	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet.....	392.29	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0281			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0282	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	307.77	22.86
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0283	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	334.83	28.57
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0284	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	356.68	34.29
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0285	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet.....	382.69	40.01
			<i>For All Plywood Box Construction, Add</i>	65.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0286 EA 24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	408.74 65.31	45.72
06 41 13 00-0287 EA 27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	447.47 65.31	51.46
06 41 13 00-0288 EA 30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	458.51 65.31	57.15
06 41 13 00-0289 EA 33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	498.58 65.31	62.87
06 41 13 00-0290 EA 36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	513.89 65.31	68.58
06 41 13 00-0291 Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0292 EA 12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	345.38 65.31	22.86
06 41 13 00-0293 EA 15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	373.43 65.31	28.57
06 41 13 00-0294 EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	398.24 65.31	34.29
06 41 13 00-0295 EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	426.23 65.31	40.01
06 41 13 00-0296 EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	498.80 65.31	45.72
06 41 13 00-0297 EA 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	500.91 65.31	51.46
06 41 13 00-0298 EA 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	518.88 65.31	57.15
06 41 13 00-0299 EA 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	566.86 65.31	62.87
06 41 13 00-0300 EA 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	581.18 65.31	68.58
06 41 13 00-0301 Wall Cabinets, 42" High, 12" Deep (06 41 13 00-0222)		
06 41 13 00-0302 EA 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	383.97 65.31	22.86
06 41 13 00-0303 EA 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	418.95 65.31	28.57
06 41 13 00-0304 EA 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	445.74 65.31	34.29
06 41 13 00-0305 EA 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	472.74 65.31	40.01
06 41 13 00-0306 EA 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Thermofoil Door, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	514.63 65.31	45.72
06 41 13 00-0307 EA 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	548.41 65.31	51.46
06 41 13 00-0308 EA 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	576.27 65.31	57.15
06 41 13 00-0309 EA 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	630.19 65.31	62.87
06 41 13 00-0310 EA 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	649.47 65.31	68.58
06 41 13 00-0311 Wall Cabinets, 12" High, 23-3/4" Deep (06 41 13 00-0222)		
06 41 13 00-0312 EA 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	365.51 65.31	57.15
06 41 13 00-0313 EA 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	392.30 65.31	62.87
06 41 13 00-0314 EA 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	420.62 65.31	68.58
06 41 13 00-0315 EA 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	454.51 65.31	74.30
06 41 13 00-0316 EA 48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Thermofoil Doors, Wall Cabinet <i>For All Plywood Box Construction, Add</i>	535.00 65.31	91.45
06 41 13 00-0317 Utility Cabinets, 84" High (06 41 13 00-0222)		
06 41 13 00-0318 EA 15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	701.43 241.46	50.80
06 41 13 00-0319 EA 18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	792.86 241.46	60.96
06 41 13 00-0320 EA 21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	890.24 241.46	477.55
06 41 13 00-0321 EA 24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	936.16 241.46	81.29
06 41 13 00-0322 EA 30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	1,128.53 241.46	101.60
06 41 13 00-0323 EA 36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	1,299.13 241.46	121.93
06 41 13 00-0324 EA 15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	790.49 241.46	50.80
06 41 13 00-0325 EA 18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet <i>For All Plywood Box Construction, Add</i>	874.00 241.46	60.96

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0326	EA		21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	996.13	71.13
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0327	EA		24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,058.87	81.29
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0328	EA		30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,308.64	101.60
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0329	EA		36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Thermofoil Doors, Pantry Cabinet.....	1,494.08	121.93
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0330			Solid Wood Face Frame And Decorative Laminate Veneer Door, Wall And		
			Base Cabinets <small>(06 41 13 00-0005)</small>		
06 41 13 00-0331			Base Cabinets, 35" High, 23-3/4" Deep <small>(06 41 13 00-0330)</small>		
06 41 13 00-0332	EA		12" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	354.79	22.86
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0333	EA		15" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	377.04	28.57
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0334	EA		18" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	394.18	34.29
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0335	EA		21" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	415.05	40.01
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0336	EA		24" Wide, 35" High x 23-3/4" Deep, Single Drawer and Single Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	470.91	45.72
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0337	EA		27" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	492.83	51.44
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0338	EA		30" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	531.76	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0339	EA		33" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	560.53	62.87
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0340	EA		36" Wide, 35" High x 23-3/4" Deep, Single Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	577.96	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	116.77	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0341	EA		48" Wide, 35" High x 23-3/4" Deep, Double Drawer and Double Door, Solid Wood Face Frame, Decorative Laminate Veneer Door and Drawer Front, Base Cabinet	658.85	91.45
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0342	EA		30" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	727.70	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0343	EA		36" Wide, 35" High x 23-3/4" Deep, Double Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	806.56	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	233.54	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0344	EA		30" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	763.32	57.15
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0345	EA		36" Wide, 35" High x 23-3/4" Deep, Triple Drawer with False Panel Drawer Front, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	851.09	68.58
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0346	EA		12" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	360.73	22.86
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0347	EA		15" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	369.13	28.57
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0348	EA		18" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	402.09	34.29
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	
06 41 13 00-0349	EA		21" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet	427.91	40.01
			<i>For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add</i>	350.31	
			<i>For All Plywood Box Construction, Add</i>	121.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0350 EA 24" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	446.18	45.72
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0351 EA 27" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	468.09	51.44
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0352 EA 30" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	761.34	57.15
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0353 EA 33" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	801.99	62.87
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0354 EA 36" Wide, 35" High x 23-3/4" Deep, Three Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	843.17	68.58
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	350.31	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0355 EA 12" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	439.89	22.86
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0356 EA 15" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	450.27	28.57
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0357 EA 18" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	488.19	34.29
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0358 EA 21" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	518.95	40.01
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0359 EA 24" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	545.13	45.72
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0360 EA 27" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	572.98	51.44
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0361 EA 30" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	797.96	57.15
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0362 EA 33" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	843.55	62.87
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0363 EA 36" Wide, 35" High x 23-3/4" Deep, Four Drawer Base, Solid Wood Face Frame and Decorative Laminate Veneer Drawer Fronts, Base Cabinet.....	890.67	68.58
For Solid Wood Drawers, Dovetail Joints And Full Extension Drawer Guides, Add	467.08	
For All Plywood Box Construction, Add	121.72	
06 41 13 00-0364 Wall Cabinets, 12" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0365 EA 30" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	319.17	57.15
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0366 EA 33" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	339.86	62.87
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0367 EA 36" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	374.48	68.58
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0368 EA 39" Wide, 12" High x 12" Deep, Double Door, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	399.21	74.30
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0369 Wall Cabinets, 14" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0370 EA 12" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	271.60	22.86
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0371 EA 15" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	277.84	28.57
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0372 EA 18" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	291.02	34.29
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0373 EA 21" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	299.23	40.01
For All Plywood Box Construction, Add	65.31	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0374	EA		24" Wide, 14" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	307.46	45.72
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0375	EA		30" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	321.63	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0376	EA		33" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	343.71	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0377	EA		36" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	374.48	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0378	EA		39" Wide, 14" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	399.21	74.30
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0379			Wall Cabinets, 18" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0380	EA		12" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	281.50	22.86
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0381	EA		15" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	295.65	28.57
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0382	EA		18" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	306.85	34.29
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0383	EA		21" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	319.03	40.01
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0384	EA		24" Wide, 18" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	335.17	45.72
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0385	EA		27" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	354.12	51.46
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0386	EA		30" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	370.12	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0387	EA		33" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	384.28	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0388	EA		36" Wide, 18" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	392.29	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0389			Wall Cabinets, 30" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0390	EA		12" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	307.77	22.86
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0391	EA		15" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	334.83	28.57
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0392	EA		18" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	356.68	34.29
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0393	EA		21" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	382.69	40.01
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0394	EA		24" Wide, 30" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	408.74	45.72
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0395	EA		27" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	447.47	51.46
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0396	EA		30" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	458.51	57.15
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0397	EA		33" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	498.58	62.87
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0398	EA		36" Wide, 30" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	513.89	68.58
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0399			Wall Cabinets, 36" High, 12" Deep (06 41 13 00-0330)		
06 41 13 00-0400	EA		12" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	345.38	22.86
			<i>For All Plywood Box Construction, Add</i>	65.31	
06 41 13 00-0401	EA		15" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	373.43	28.57
			<i>For All Plywood Box Construction, Add</i>	65.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0402 EA 18" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	398.24	34.29
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0403 EA 21" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	426.23	40.01
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0404 EA 24" Wide, 36" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	498.80	45.72
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0405 EA 27" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	500.91	51.46
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0406 EA 30" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	518.88	57.15
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0407 EA 33" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	566.86	62.87
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0408 EA 36" Wide, 36" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	581.18	68.58
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0409 Wall Cabinets, 42" High, 12" Deep <small>(06 41 13 00-0330)</small>		
06 41 13 00-0410 EA 12" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	383.97	22.86
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0411 EA 15" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	418.95	28.57
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0412 EA 18" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	445.74	34.29
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0413 EA 21" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	472.74	40.01
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0414 EA 24" Wide, 42" High x 12" Deep, Single Door, Solid Wood Face Frame and Decorative Laminate Veneer Door, Wall Cabinet.....	514.63	45.72
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0415 EA 27" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	548.41	51.46
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0416 EA 30" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	576.27	57.15
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0417 EA 33" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	630.19	62.87
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0418 EA 36" Wide, 42" High x 12" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	649.47	68.58
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0419 Wall Cabinets, 12" High, 23-3/4" Deep <small>(06 41 13 00-0330)</small>		
06 41 13 00-0420 EA 30" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	365.51	57.15
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0421 EA 33" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	392.30	62.87
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0422 EA 36" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	420.62	68.58
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0423 EA 39" Wide, 12" High x 23-3/4" Deep, Double Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	454.51	74.30
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0424 EA 48" Wide, 12" High x 23-3/4" Deep, Triple Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Wall Cabinet.....	535.00	91.45
For All Plywood Box Construction, Add	65.31	
06 41 13 00-0425 Utility Cabinets, 84" High <small>(06 41 13 00-0330)</small>		
06 41 13 00-0426 EA 15" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	701.43	50.80
For All Plywood Box Construction, Add	241.46	
06 41 13 00-0427 EA 18" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	792.86	60.96
For All Plywood Box Construction, Add	241.46	
06 41 13 00-0428 EA 21" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	890.24	477.55
For All Plywood Box Construction, Add	241.46	
06 41 13 00-0429 EA 24" Wide, 84" High x 12" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	936.16	81.29
For All Plywood Box Construction, Add	241.46	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 41 Architectural Wood Casework**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 41 13 00-0430	EA		30" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,128.53	101.60
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0431	EA		36" Wide, 84" High x 12" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,299.13	121.93
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0432	EA		15" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	790.49	50.80
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0433	EA		18" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	874.00	60.96
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0434	EA		21" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	996.13	71.13
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0435	EA		24" Wide, 84" High x 24" Deep, Two Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,058.87	81.29
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0436	EA		30" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,308.64	101.60
			<i>For All Plywood Box Construction, Add</i>	241.46	
06 41 13 00-0437	EA		36" Wide, 84" High x 24" Deep, Four Doors, Solid Wood Face Frame and Decorative Laminate Veneer Doors, Pantry Cabinet.....	1,494.08	121.93
			<i>For All Plywood Box Construction, Add</i>	241.46	

06 41 93 Cabinet and Drawer Hardware (06 41)**06 41 93 00-0001 Cabinet Hardware (06 41 93)**

Note: Includes all finishes, and mounting screws.

06 41 93 00-0002	EA		4" To 6" Long, 1/2" Diameter, Cabinet Bar Pull.....	27.52	9.72
06 41 93 00-0003	EA		7" To 9" Long, 1/2" Diameter, Cabinet Bar Pull.....	28.38	9.72
06 41 93 00-0004	EA		10" To 12" Long, 1/2" Diameter, Cabinet Bar Pull.....	29.90	9.72
06 41 93 00-0005	EA		3" To 4-1/2", Flat Cabinet Pull Handle.....	31.58	9.72
06 41 93 00-0006	EA		5" To 6-1/2", Flat Cabinet Pull Handle.....	32.45	9.72
06 41 93 00-0007	EA		7" To 8-1/2", Flat Cabinet Pull Handle.....	41.76	9.72
06 41 93 00-0008	EA		12" To 12-1/2", Flat Cabinet Pull Handle.....	80.31	9.72
06 41 93 00-0009	EA		1-7/16" Diameter, Mushroom Cabinet Pull Knobs.....	21.43	7.43
06 41 93 00-0010	EA		3-7/16" x 1-5/8" x 1" Projection, Cabinet Cup Pull.....	21.28	7.43
06 41 93 00-0011	EA		1-1/4" Long, Finger Cabinet Pull.....	28.98	8.58
06 41 93 00-0012	EA		3" Long, Finger Cabinet Pull.....	33.04	8.58
06 41 93 00-0013	EA		4" Long, Finger Cabinet Pull.....	35.81	8.58
06 41 93 00-0014	EA		6" Long, Finger Cabinet Pull.....	39.60	8.58
06 41 93 00-0015	EA		12" Long, Finger Cabinet Pull.....	57.19	8.58
06 41 93 00-0016	EA		Cabinet Spring Loaded Adjustable Barrel Ball Catch.....	41.93	11.43
06 41 93 00-0017	EA		Cabinet Surface Mounted Slide or Barrel Bolt Latch.....	37.43	9.72
06 41 93 00-0018	EA		Cabinet Surface Mounted Square or Matchbook Latch.....	61.58	11.43
06 41 93 00-0019	EA		Cabinet Door or Drawer Rim Lock with 2 Keys.....	49.35	9.72
06 41 93 00-0020	EA		Cabinet Door or Drawer Bored Lock with 2 Keys.....	55.43	9.72
06 41 93 00-0021	EA		Cabinet Door or Drawer Mortised Lock With 2 Keys.....	162.65	17.15
06 41 93 00-0022	EA		Cabinet Door or Drawer Bored 4-Pin, Cam Lock With 2 Keys.....	93.54	
06 41 93 00-0023	EA		5/8" Rotary Combination Cam Lock For Cabinet Door Or Drawer (CK2113).....	45.02	
			Note: Straight (CFL1500) or 1/4" offset (COF2500) cams.		
06 41 93 00-0024	EA		7/8" Rotary Combination Cam Lock For Cabinet Door Or Drawer (CK3113).....	46.89	
			Note: Straight (CFL1500) or 1/4" offset (COF2500) cams.		
06 41 93 00-0025	EA		1-1/8" Rotary Combination Cam Lock For Cabinet Door Or Drawer (CK4113).....	48.16	
06 41 93 00-0026	EA		Satin Chrome Plated Finish (US26D), Cabinet Deadbolt Door Lock (Olympus 100DR).....	60.07	
06 41 93 00-0027	EA		Satin Chrome Plated Finish (US26D), Cabinet Deadbolt Drawer Lock (Olympus 200DW).....	60.07	
06 41 93 00-0028	EA		Aluminum Finish (A92), Elbow Catch (Ives 2).....	30.05	11.43
06 41 93 00-0029	EA		Bright Brass Finish (A3), Elbow Catch (Ives 2).....	30.05	11.43
06 41 93 00-0030	EA		Chrome Finish (A26), Elbow Catch (Ives 2).....	30.95	11.43

06 42 Wood Paneling (06 40)

Note: Includes glue for installation.

06 42 13 Wood Board Paneling (06 42)**06 42 13 00-0001 Solid Wood Paneling (06 42 13)****06 42 13 00-0002 7/16" Solid Wood Paneling, Tongue And Groove, 3" To 5" Wide (06 42 13 00-0001)**

06 42 13 00-0003	SF		Homestead Cedar Paneling Tongue And Groove, 7/16".....	9.64	2.40
06 42 13 00-0004	SF		Homestead Juniper Paneling Tongue And Groove, 7/16".....	10.11	2.40

06 42 13 00-0005 7/16" Solid Wood Paneling, Tongue And Groove, 6" To 10" Wide (06 42 13 00-0001)

06 42 13 00-0006	SF		8" Random Plank Tongue And Groove, 7/16".....	12.84	2.28
06 42 13 00-0007	SF		8" Solid Plank Tongue And Groove, 7/16".....	11.92	2.28

06 42 13 00-0008 1/2" Solid Wood Paneling, Tongue And Groove, 4" To 6" Wide (06 42 13 00-0001)

06 42 13 00-0009	SF		Alder Wood Tongue And Groove Paneling, 1/2".....	11.04	2.40
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 13 00-0010 1" Solid Wood Paneling, Shiplap, 6" To 8" Wide <small>(06 42 13 00-0001)</small>		
06 42 13 00-0011 SF 1" Teredo (Driftwood) Wood Shiplap	7.27	2.05
06 42 16 Flush Wood Paneling <small>(06 42)</small>		
06 42 16 00-0001 Veneer Hardboard Panels <small>(06 42 16)</small>		
06 42 16 00-0002 SF 1/4" Maple Veneer Paneling	6.45	2.07
<i>For Waterproof Glue, Add</i>	0.12	
<i>For Ceiling Installation, Add</i>	1.41	
06 42 16 00-0003 Plywood Unfinished With Trim 1/4" Thick <small>(06 42 16)</small>		
06 42 16 00-0004 Birch <small>(06 42 16 00-0003)</small>		
06 42 16 00-0005 SF 1/4" Unfinished Birch Plywood, Natural Faced With Trim	5.23	1.84
<i>For Waterproof Glue, Add</i>	0.08	
<i>For Ceiling Installation, Add</i>	1.24	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.46	
<i>For Glue Laminated Installation, Add</i>	0.26	
<i>For Lumber Core, Add</i>	0.12	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.47	
<i>For 1/2" Thick Paneling, Add</i>	1.09	
<i>For 5/8" Thick Paneling, Add</i>	1.31	
<i>For 3/4" Thick Paneling, Add</i>	1.61	
<i>For Fire Retardant Treatment (Class I), Add</i>	0.86	
06 42 16 00-0006 SF 1/4" Unfinished Birch Plywood, Select With Trim	5.31	1.84
<i>For Waterproof Glue, Add</i>	0.08	
<i>For Ceiling Installation, Add</i>	1.24	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.46	
<i>For Glue Laminated Installation, Add</i>	0.27	
<i>For Lumber Core, Add</i>	0.13	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.49	
<i>For 1/2" Thick Paneling, Add</i>	1.13	
<i>For 5/8" Thick Paneling, Add</i>	1.37	
<i>For 3/4" Thick Paneling, Add</i>	1.69	
<i>For Fire Retardant Treatment (Class I), Add</i>	0.92	
06 42 16 00-0007 Knotty Pine <small>(06 42 16 00-0003)</small>		
06 42 16 00-0008 SF 1/4" Knotty Pine Plywood, Grade AA Unfinished With Trim	6.04	2.07
<i>For Waterproof Glue, Add</i>	0.10	
<i>For Ceiling Installation, Add</i>	1.38	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.51	
<i>For Glue Laminated Installation, Add</i>	0.30	
<i>For Lumber Core, Add</i>	0.16	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.56	
<i>For 1/2" Thick Paneling, Add</i>	1.33	
<i>For 5/8" Thick Paneling, Add</i>	1.63	
<i>For 3/4" Thick Paneling, Add</i>	2.02	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.14	
06 42 16 00-0009 SF 1/4" Knotty Pine Plywood, Grade AD Unfinished With Trim	5.98	2.07
<i>For Waterproof Glue, Add</i>	0.10	
<i>For Ceiling Installation, Add</i>	1.38	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.51	
<i>For Glue Laminated Installation, Add</i>	0.30	
<i>For Lumber Core, Add</i>	0.15	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.55	
<i>For 1/2" Thick Paneling, Add</i>	1.30	
<i>For 5/8" Thick Paneling, Add</i>	1.59	
<i>For 3/4" Thick Paneling, Add</i>	1.96	
<i>For Fire Retardant Treatment (Class I), Add</i>	1.09	
06 42 16 00-0010 Cedar (Aromatic - Closet Lining) <small>(06 42 16 00-0003)</small>		
06 42 16 00-0011 SF 1/4" Cedar Plywood, Standard Grade Unfinished With Trim, Closet Lining	6.10	2.31
<i>For Waterproof Glue, Add</i>	0.06	
<i>For Ceiling Installation, Add</i>	1.55	
<i>For Installation On Metal Studs Or Furring, Add</i>	0.57	
<i>For Glue Laminated Installation, Add</i>	0.31	
<i>For Lumber Core, Add</i>	0.10	
<i>For 1/8" Thick Paneling, Deduct</i>	-0.52	
<i>For 1/2" Thick Paneling, Add</i>	1.12	
<i>For 5/8" Thick Paneling, Add</i>	1.31	
<i>For 3/4" Thick Paneling, Add</i>	1.56	
<i>For Fire Retardant Treatment (Class I), Add</i>	0.73	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 42 16 00-0012	SF	1/4" Cedar Plywood, Particle Board Unfinished With Trim, Closet Lining	6.08	2.31
		<i>For Waterproof Glue, Add</i>	0.06	
		<i>For Ceiling Installation, Add</i>	1.55	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.57	
		<i>For Glue Laminated Installation, Add</i>	0.30	
		<i>For Lumber Core, Add</i>	0.10	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.51	
		<i>For 1/2" Thick Paneling, Add</i>	1.11	
		<i>For 5/8" Thick Paneling, Add</i>	1.30	
		<i>For 3/4" Thick Paneling, Add</i>	1.54	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.71	
06 42 16 00-0013		Top Grade Plywood Prefinished With Trim 1/4" Thick (06 42 16)		
06 42 16 00-0014	SF	1/4" Top Grade Plywood, Birch Veneer Prefinished With Trim	5.82	2.07
		<i>For Flitch Matched Veneer, Add</i>	0.61	
		<i>For Second Grade Veneer, Deduct</i>	-0.12	
		<i>For Third Grade Veneer, Deduct</i>	-0.18	
		<i>For Waterproof Glue, Add</i>	0.09	
		<i>For Ceiling Installation, Add</i>	1.38	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.51	
		<i>For Glue Laminated Installation, Add</i>	0.29	
		<i>For Lumber Core, Add</i>	0.13	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.53	
		<i>For 1/2" Thick Paneling, Add</i>	1.21	
		<i>For 5/8" Thick Paneling, Add</i>	1.47	
		<i>For 3/4" Thick Paneling, Add</i>	1.80	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.96	
06 42 16 00-0015	SF	1/4" Top Grade Plywood, Cherry Veneer Prefinished With Trim	6.36	2.07
		<i>For Flitch Matched Veneer, Add</i>	0.88	
		<i>For Second Grade Veneer, Deduct</i>	-0.18	
		<i>For Third Grade Veneer, Deduct</i>	-0.26	
		<i>For Waterproof Glue, Add</i>	0.12	
		<i>For Ceiling Installation, Add</i>	1.38	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.51	
		<i>For Glue Laminated Installation, Add</i>	0.32	
		<i>For Lumber Core, Add</i>	0.19	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.62	
		<i>For 1/2" Thick Paneling, Add</i>	1.50	
		<i>For 5/8" Thick Paneling, Add</i>	1.87	
		<i>For 3/4" Thick Paneling, Add</i>	2.35	
		<i>For Fire Retardant Treatment (Class I), Add</i>	1.39	
06 42 16 00-0016	SF	1/4" Top Grade Plywood, Chestnut Veneer Prefinished With Trim	9.30	2.07
		<i>For Flitch Matched Veneer, Add</i>	1.90	
		<i>For Second Grade Veneer, Deduct</i>	-0.38	
		<i>For Third Grade Veneer, Deduct</i>	-0.57	
		<i>For Waterproof Glue, Add</i>	0.27	
		<i>For Ceiling Installation, Add</i>	1.65	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.61	
		<i>For Glue Laminated Installation, Add</i>	0.47	
		<i>For Lumber Core, Add</i>	0.42	
		<i>For 1/8" Thick Paneling, Deduct</i>	-1.02	
		<i>For 1/2" Thick Paneling, Add</i>	2.71	
		<i>For 5/8" Thick Paneling, Add</i>	3.50	
		<i>For 3/4" Thick Paneling, Add</i>	4.53	
		<i>For Fire Retardant Treatment (Class I), Add</i>	2.99	
06 42 16 00-0017	SF	1/4" Top Grade Plywood, Lauan Veneer Prefinished With Trim	4.94	2.07
		<i>For Flitch Matched Veneer, Add</i>	0.41	
		<i>For Second Grade Veneer, Deduct</i>	-0.08	
		<i>For Third Grade Veneer, Deduct</i>	-0.12	
		<i>For Waterproof Glue, Add</i>	0.06	
		<i>For Ceiling Installation, Add</i>	1.24	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.45	
		<i>For Glue Laminated Installation, Add</i>	0.25	
		<i>For Lumber Core, Add</i>	0.09	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.42	
		<i>For 1/2" Thick Paneling, Add</i>	0.93	
		<i>For 5/8" Thick Paneling, Add</i>	1.10	
		<i>For 3/4" Thick Paneling, Add</i>	1.32	
		<i>For Fire Retardant Treatment (Class I), Add</i>	0.64	
06 42 16 00-0018	SF	1/4" Top Grade Plywood, Mahogany Veneer Prefinished With Trim	8.23	2.07
		<i>For Flitch Matched Veneer, Add</i>	1.53	
		<i>For Second Grade Veneer, Deduct</i>	-0.31	
		<i>For Third Grade Veneer, Deduct</i>	-0.46	
		<i>For Waterproof Glue, Add</i>	0.21	
		<i>For Ceiling Installation, Add</i>	1.55	
		<i>For Installation On Metal Studs Or Furring, Add</i>	0.57	
		<i>For Glue Laminated Installation, Add</i>	0.41	
		<i>For Lumber Core, Add</i>	0.34	
		<i>For 1/8" Thick Paneling, Deduct</i>	-0.87	
		<i>For 1/2" Thick Paneling, Add</i>	2.27	
		<i>For 5/8" Thick Paneling, Add</i>	2.91	
		<i>For 3/4" Thick Paneling, Add</i>	3.73	
		<i>For Fire Retardant Treatment (Class I), Add</i>	2.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 42 16 00-0019 SF 1/4" Top Grade Plywood, Red Oak Veneer Prefinished With Trim	5.95	2.07
For Flitch Matched Veneer, Add	0.68	
For Second Grade Veneer, Deduct	-0.14	
For Third Grade Veneer, Deduct	-0.20	
For Waterproof Glue, Add	0.09	
For Ceiling Installation, Add	1.38	
For Installation On Metal Studs Or Furring, Add	0.51	
For Glue Laminated Installation, Add	0.30	
For Lumber Core, Add	0.15	
For 1/8" Thick Paneling, Deduct	-0.55	
For 1/2" Thick Paneling, Add	1.28	
For 5/8" Thick Paneling, Add	1.56	
For 3/4" Thick Paneling, Add	1.93	
For Fire Retardant Treatment (Class I), Add	1.07	
06 42 16 00-0020 SF 1/4" Top Grade Plywood, Pecan Veneer Prefinished With Trim	6.97	2.07
For Flitch Matched Veneer, Add	0.90	
For Second Grade Veneer, Deduct	-0.18	
For Third Grade Veneer, Deduct	-0.27	
For Waterproof Glue, Add	0.13	
For Ceiling Installation, Add	1.55	
For Installation On Metal Studs Or Furring, Add	0.57	
For Glue Laminated Installation, Add	0.35	
For Lumber Core, Add	0.20	
For 1/8" Thick Paneling, Deduct	-0.66	
For 1/2" Thick Paneling, Add	1.59	
For 5/8" Thick Paneling, Add	1.96	
For 3/4" Thick Paneling, Add	2.45	
For Fire Retardant Treatment (Class I), Add	1.41	
06 42 16 00-0021 SF 1/4" Top Grade Plywood, Rosewood Veneer Prefinished With Trim	10.79	2.07
For Flitch Matched Veneer, Add	2.16	
For Second Grade Veneer, Deduct	-0.43	
For Third Grade Veneer, Deduct	-0.65	
For Waterproof Glue, Add	0.30	
For Ceiling Installation, Add	1.94	
For Installation On Metal Studs Or Furring, Add	0.71	
For Glue Laminated Installation, Add	0.54	
For Lumber Core, Add	0.48	
For 1/8" Thick Paneling, Deduct	-1.17	
For 1/2" Thick Paneling, Add	3.11	
For 5/8" Thick Paneling, Add	4.02	
For 3/4" Thick Paneling, Add	5.18	
For Fire Retardant Treatment (Class I), Add	3.41	
06 42 16 00-0022 SF 1/4" Top Grade Plywood, Teak Veneer Prefinished With Trim	8.22	2.07
For Flitch Matched Veneer, Add	1.52	
For Second Grade Veneer, Deduct	-0.30	
For Third Grade Veneer, Deduct	-0.46	
For Waterproof Glue, Add	0.21	
For Ceiling Installation, Add	1.55	
For Installation On Metal Studs Or Furring, Add	0.57	
For Glue Laminated Installation, Add	0.41	
For Lumber Core, Add	0.33	
For 1/8" Thick Paneling, Deduct	-0.87	
For 1/2" Thick Paneling, Add	2.26	
For 5/8" Thick Paneling, Add	2.90	
For 3/4" Thick Paneling, Add	3.72	
For Fire Retardant Treatment (Class I), Add	2.40	
06 42 16 00-0023 SF 1/4" Top Grade Plywood, Walnut Veneer Prefinished With Trim	7.19	2.07
For Flitch Matched Veneer, Add	1.30	
For Second Grade Veneer, Deduct	-0.26	
For Third Grade Veneer, Deduct	-0.39	
For Waterproof Glue, Add	0.18	
For Ceiling Installation, Add	1.38	
For Installation On Metal Studs Or Furring, Add	0.51	
For Glue Laminated Installation, Add	0.36	
For Lumber Core, Add	0.28	
For 1/8" Thick Paneling, Deduct	-0.75	
For 1/2" Thick Paneling, Add	1.95	
For 5/8" Thick Paneling, Add	2.49	
For 3/4" Thick Paneling, Add	3.19	
For Fire Retardant Treatment (Class I), Add	2.05	
06 42 16 00-0024 SF 1/4" Top Grade Plywood, Maple Veneer Prefinished With Trim	5.98	2.07
For Flitch Matched Veneer, Add	0.69	
For Second Grade Veneer, Deduct	-0.14	
For Third Grade Veneer, Deduct	-0.21	
For Waterproof Glue, Add	0.10	
For Ceiling Installation, Add	1.38	
For Installation On Metal Studs Or Furring, Add	0.51	
For Glue Laminated Installation, Add	0.30	
For Lumber Core, Add	0.15	
For 1/8" Thick Paneling, Deduct	-0.55	
For 1/2" Thick Paneling, Add	1.30	
For 5/8" Thick Paneling, Add	1.59	
For 3/4" Thick Paneling, Add	1.96	
For Fire Retardant Treatment (Class I), Add	1.09	
06 42 16 00-0025 Accessories (06 42 16)		
06 42 16 00-0026 EA Aluminum Panel Retainer "J" With Bolt	40.26	

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 42 Wood Paneling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
06 42 19 Plastic-Laminate-Faced Wood Paneling (06 42)

06 42 19 00-0001	Plastic Laminate (06 42 19)		
	Note: Standard colors and patterns.		
06 42 19 00-0002	SF 1/16" Plastic Laminate Faced Panel	11.00	4.00
	Note: Includes cutting to fit.		

06 43 Wood Stairs and Railings (06 40)**06 43 13 Wood Stairs (06 43)****06 43 13 00-0001 Stair Parts (06 43 13)**

06 43 13 00-0002	EA 30" Baluster, Pine	59.43	23.20
06 43 13 00-0003	EA 30" Baluster, Birch	70.70	23.20
06 43 13 00-0004	EA 42" Baluster, Pine	67.33	23.99
06 43 13 00-0005	EA 42" Baluster, Birch	79.35	23.99
06 43 13 00-0006	EA 3-1/4" Wide Newels, Starting	355.62	91.18
06 43 13 00-0007	EA 3-1/4" Wide Newels, Landing	520.87	127.97
06 43 13 00-0008	LF Oak Gooseneck, 1 Riser	211.47	79.99
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.26	
06 43 13 00-0009	LF Oak Gooseneck, 2 Riser	248.16	87.87
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	28.87	
06 43 13 00-0010	LF Oak Handrail, 2-1/2" x 3" With Quarter Turn	43.33	12.00
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.94	
06 43 13 00-0011	LF 1-1/16" x 9-1/2" Oak Stair Tread	56.98	6.74
	For Beech, Add	13.07	
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.08	
06 43 13 00-0012	LF 1-1/16" x 11-1/2" Oak Stair Tread	69.38	6.74
	For Beech, Add	16.79	
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.08	
06 43 13 00-0013	LF 1-1/16" x 11-1/2" Pine Stair Tread	30.98	6.74
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.08	
06 43 13 00-0014	LF 3/4" x 7-1/2" High Beech Riser	42.54	6.97
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.22	
06 43 13 00-0015	LF 3/4" x 7-1/2" High Oak Riser	39.91	6.97
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.22	
06 43 13 00-0016	LF 3/4" x 7-1/2" High Fir Riser	23.01	6.97
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.22	
06 43 13 00-0017	LF 3/4" x 7-1/2" High Pine Riser	22.18	6.97
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	3.22	
06 43 13 00-0018	SF Framed Stair Landings, 3/4" Plywood Surface, Per SF Of Landing	47.43	

06 43 13 00-0019 Interior Box Stairs (06 43 13)

Note: Factory cut and assembled straight closed box stairs, unfinished.

06 43 13 00-0020	EA 30" Wide Pine Box Stair, Per Riser	312.80	69.58
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	22.86	
	For Prefinished Stair Rail With Balusters And Newel, Add	73.82	
	For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	24.42	
	For Oak Or Maple Treads, Add	96.03	
06 43 13 00-0021	EA 32" Wide Pine Box Stair, Per Riser	331.87	71.18
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.38	
	For Prefinished Stair Rail With Balusters And Newel, Add	74.50	
	For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	24.71	
	For Oak Or Maple Treads, Add	103.60	
06 43 13 00-0022	EA 34" Wide Pine Box Stair, Per Riser	349.86	71.99
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.65	
	For Prefinished Stair Rail With Balusters And Newel, Add	74.85	
	For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	24.85	
	For Oak Or Maple Treads, Add	111.16	
06 43 13 00-0023	EA 36" Wide Pine Box Stair, Per Riser	370.68	72.78
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	23.91	
	For Prefinished Stair Rail With Balusters And Newel, Add	75.19	
	For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	24.99	
	For Oak Or Maple Treads, Add	120.03	
06 43 13 00-0024	EA 38" Wide Pine Box Stair, Per Riser	382.96	73.59
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.17	
	For Prefinished Stair Rail With Balusters And Newel, Add	75.53	
	For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	25.14	
	For Oak Or Maple Treads, Add	125.04	
06 43 13 00-0025	EA 40" Wide Pine Box Stair, Per Riser	396.40	75.19
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.70	
	For Prefinished Stair Rail With Balusters And Newel, Add	76.22	
	For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	25.42	
	For Oak Or Maple Treads, Add	130.05	
06 43 13 00-0026	EA 42" Wide Pine Box Stair, Per Riser	408.68	75.98
	For Curved Surfaces With A 2'-0" Maximum Radius, Add	24.96	
	For Prefinished Stair Rail With Balusters And Newel, Add	76.56	
	For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	25.57	
	For Oak Or Maple Treads, Add	135.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 43 13 00-0027 EA 44" Wide Pine Box Stair, Per Riser.....	420.98	76.79
For Curved Surfaces With A 2'-0" Maximum Radius, Add	25.23	
For Prefinished Stair Rail With Balusters And Newel, Add	76.91	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	25.71	
For Oak Or Maple Treads, Add	140.08	
06 43 13 00-0028 EA 46" Wide Pine Box Stair, Per Riser.....	433.23	77.58
For Curved Surfaces With A 2'-0" Maximum Radius, Add	25.48	
For Prefinished Stair Rail With Balusters And Newel, Add	77.24	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	25.85	
For Oak Or Maple Treads, Add	145.09	
06 43 13 00-0029 EA 48" Wide Pine Box Stair, Per Riser.....	447.71	79.99
For Curved Surfaces With A 2'-0" Maximum Radius, Add	26.28	
For Prefinished Stair Rail With Balusters And Newel, Add	78.28	
For Each LF Of Prefinished Handrail, Brackets And Baluster, Add	26.28	
For Oak Or Maple Treads, Add	150.05	

06 43 16 Wood Railings (06 43)

06 43 16 00-0001 Handrails (06 43 16)		
06 43 16 00-0002 Wood Handrail With Brackets (06 43 16 00-0001)		
Note: Includes pine, fir or red oak interior grade or pressure treated exterior grade handrail with brackets.		
06 43 16 00-0003 LF 1-1/2" x 1-11/16", Wood Handrail With Brackets.....	18.84	5.72
For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.63	
06 43 16 00-0004 LF 1-7/8" x 2-5/8", Wood Handrail With Brackets.....	20.34	5.72
For Curved Surfaces With A 2'-0" Maximum Radius, Add	2.63	
06 43 16 00-0005 LF 1-1/2" Diameter, Wood Handrail With Brackets.....	25.33	5.72
06 43 16 00-0006 LF 1-3/4" Diameter, Wood Handrail With Brackets.....	26.58	5.72
06 43 16 00-0007 LF 2" Diameter, Wood Handrail With Brackets.....	31.07	5.72
06 43 16 00-0008 LF 2-1/2" Diameter, Wood Handrail With Brackets.....	44.92	5.72

06 44 Ornamental Woodwork (06 40)

06 44 39 Wood Posts and Columns (06 44)

06 44 39 00-0001 Columns (06 44 39)		
06 44 39 00-0002 Pine Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0003 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	77.91	6.61
06 44 39 00-0004 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	97.04	9.66
06 44 39 00-0005 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	119.39	11.18
06 44 39 00-0006 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	143.52	11.70
06 44 39 00-0007 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	324.87	13.22
06 44 39 00-0008 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	377.84	14.23
06 44 39 00-0009 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	455.49	15.25
06 44 39 00-0010 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	544.53	16.27
06 44 39 00-0011 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	90.06	6.61
06 44 39 00-0012 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	106.79	9.66
06 44 39 00-0013 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	132.85	11.18
06 44 39 00-0014 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	157.90	11.70
06 44 39 00-0015 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	354.10	13.22
06 44 39 00-0016 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	482.69	14.23
06 44 39 00-0017 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	520.45	15.25
06 44 39 00-0018 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	586.29	16.27
06 44 39 00-0019 Pine Colonial Columns, Round Non-Tapered With Cap And Base (06 44 39 00-0001)		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0020 LF 6" Diameter Plain Column, Pine Colonial Columns, Round Tapered With Cap And Base.....	94.24	6.61
06 44 39 00-0021 LF 8" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	115.60	9.66
06 44 39 00-0022 LF 10" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	143.52	11.18
06 44 39 00-0023 LF 12" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	173.68	11.70
06 44 39 00-0024 LF 14" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	400.54	13.22
06 44 39 00-0025 LF 16" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	466.46	14.23
06 44 39 00-0026 LF 18" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	563.27	15.25
06 44 39 00-0027 LF 20" Diameter Plain Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	674.35	16.27
06 44 39 00-0028 LF 6" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	109.46	6.61
06 44 39 00-0029 LF 8" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	128.92	9.66
06 44 39 00-0030 LF 10" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	160.96	11.18
06 44 39 00-0031 LF 12" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	192.15	11.70
06 44 39 00-0032 LF 14" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	437.15	13.22
06 44 39 00-0033 LF 16" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	597.90	14.23
06 44 39 00-0034 LF 18" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	644.70	15.25
06 44 39 00-0035 LF 20" Diameter Fluted Column, Pine Colonial Columns, Round Non-Tapered With Cap And Base.....	726.73	16.27
06 44 39 00-0036 Pine Classical Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
Note: Paint grade/finger jointed pine.		
06 44 39 00-0037 LF 6" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	83.69	6.61
06 44 39 00-0038 LF 8" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	103.99	9.66
06 44 39 00-0039 LF 10" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	128.13	11.18
06 44 39 00-0040 LF 12" Diameter Plain Column, Pine Classical Columns, Round Tapered With Cap And Base.....	154.34	11.70

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 44 Ornamental Woodwork**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 44 39 00-0041	LF		6" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	96.93	6.61
06 44 39 00-0042	LF		8" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	114.61	9.66
06 44 39 00-0043	LF		10" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	142.80	11.18
06 44 39 00-0044	LF		12" Diameter Fluted Column, Pine Classical Columns, Round Tapered With Cap And Base	170.02	11.70
06 44 39 00-0045			Redwood Colonial Columns, Round Tapered With Cap And Base (06 44 39 00-0001)		
			Note: Paint grade/finger jointed redwood.		
06 44 39 00-0046	LF		6" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	132.29	6.61
06 44 39 00-0047	LF		8" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	158.29	9.66
06 44 39 00-0048	LF		10" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	197.80	11.18
06 44 39 00-0049	LF		12" Diameter Plain Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	242.81	11.70
06 44 39 00-0050	LF		6" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	152.70	6.61
06 44 39 00-0051	LF		8" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	180.09	9.66
06 44 39 00-0052	LF		10" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	223.32	11.18
06 44 39 00-0053	LF		12" Diameter Fluted Column, Redwood Colonial Columns, Round Tapered With Cap And Base.....	276.22	11.70
06 44 39 00-0054			Ornamental Or Decorative Cap And Bases, Resin (06 44 39 00-0001)		
			Note: For tapered wood columns.		
06 44 39 00-0055	EA		6" Resin Corinthian Capital And Base	417.18	13.73
06 44 39 00-0056	EA		8" Resin Corinthian Capital And Base	633.66	15.25
06 44 39 00-0057	EA		10" Resin Corinthian Capital And Base	884.65	17.80
06 44 39 00-0058	EA		12" Resin Corinthian Capital And Base	1,131.00	20.34
06 44 39 00-0059	EA		6" Resin Greek Erectheum Cap And Base	370.79	13.73
06 44 39 00-0060	EA		8" Resin Greek Erectheum Cap And Base	517.67	15.25
06 44 39 00-0061	EA		10" Resin Greek Erectheum Cap And Base	643.39	17.80
06 44 39 00-0062	EA		12" Resin Greek Erectheum Cap And Base	843.33	20.34
06 44 39 00-0063	EA		6" Resin Roman Ionic Capital And Base.....	390.37	14.23
06 44 39 00-0064	EA		8" Resin Roman Ionic Capital And Base.....	517.67	15.25
06 44 39 00-0065	EA		10" Resin Roman Ionic Capital And Base.....	643.39	17.80
06 44 39 00-0066	EA		12" Resin Roman Ionic Capital And Base.....	820.14	20.34
06 44 39 00-0067	EA		6" Resin Scamozzi Capital And Base	395.00	14.23
06 44 39 00-0068	EA		8" Resin Scamozzi Capital And Base	564.06	15.25
06 44 39 00-0069	EA		10" Resin Scamozzi Capital And Base	666.59	17.80
06 44 39 00-0070	EA		12" Resin Scamozzi Capital And Base	917.57	20.34
06 44 39 00-0071	EA		6" Resin Temple Of Winds Cap And Base.....	395.00	14.23
06 44 39 00-0072	EA		8" Resin Temple Of Winds Cap And Base.....	615.10	15.25
06 44 39 00-0073	EA		10" Resin Temple Of Winds Cap And Base.....	815.06	17.80
06 44 39 00-0074	EA		12" Resin Temple Of Winds Cap And Base.....	1,010.36	20.34
06 44 39 00-0075			Ornamental Or Decorative Cap And Bases, Plaster (06 44 39 00-0001)		
			Note: For tapered wood columns.		
06 44 39 00-0076	EA		6" Plaster Corinthian Capital And Base	848.67	13.73
06 44 39 00-0077	EA		8" Plaster Corinthian Capital And Base	953.80	15.25
06 44 39 00-0078	EA		10" Plaster Corinthian Capital And Base	1,214.07	17.80
06 44 39 00-0079	EA		12" Plaster Corinthian Capital And Base	1,335.14	20.34
06 44 39 00-0080	EA		6" Plaster Greek Erectheum Cap And Base	561.01	13.73
06 44 39 00-0081	EA		8" Plaster Greek Erectheum Cap And Base	652.22	15.25
06 44 39 00-0082	EA		10" Plaster Greek Erectheum Cap And Base	805.78	17.80
06 44 39 00-0083	EA		12" Plaster Greek Erectheum Cap And Base	1,015.00	20.34
06 44 39 00-0084	EA		6" Plaster Roman Ionic Capital And Base.....	538.83	14.23
06 44 39 00-0085	EA		8" Plaster Roman Ionic Capital And Base.....	707.89	15.25
06 44 39 00-0086	EA		10" Plaster Roman Ionic Capital And Base.....	856.81	17.80
06 44 39 00-0087	EA		12" Plaster Roman Ionic Capital And Base.....	1,015.00	20.34
06 44 39 00-0088	EA		6" Plaster Scamozzi Capital And Base	640.91	14.23
06 44 39 00-0089	EA		8" Plaster Scamozzi Capital And Base	851.72	15.25
06 44 39 00-0090	EA		10" Plaster Scamozzi Capital And Base	958.89	17.80
06 44 39 00-0091	EA		12" Plaster Scamozzi Capital And Base	1,219.15	20.34
06 44 39 00-0092	EA		6" Plaster Temple Of Winds Cap And Base.....	538.83	14.23
06 44 39 00-0093	EA		8" Plaster Temple Of Winds Cap And Base.....	698.61	15.25
06 44 39 00-0094	EA		10" Plaster Temple Of Winds Cap And Base.....	912.49	17.80
06 44 39 00-0095	EA		12" Plaster Temple Of Winds Cap And Base.....	1,168.11	20.34
06 44 39 00-0096	EA		6" Plaster Empire Capital And Base	608.43	14.23
06 44 39 00-0097	EA		8" Plaster Empire Capital And Base	745.01	15.25
06 44 39 00-0098	EA		10" Plaster Empire Capital And Base	907.85	17.80
06 44 39 00-0099	EA		12" Plaster Empire Capital And Base	1,015.00	20.34
06 46 Wood Trim (06 40)					
06 46 13 Wood Door and Window Casings (06 46)					
06 46 13 00-0001 Door and Window Casings (06 46 13)					
06 46 13 00-0002	LF		1-1/8" Wide Plain Pine Door And Window Molding.....	5.48	1.83
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94	
06 46 13 00-0003	LF		1-1/8" Wide Detailed Pine Door And Window Molding.....	5.54	1.83
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94	
06 46 13 00-0004	LF		2-1/2" Wide Pine Complete Door And Window Trim.....	7.05	1.83
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 46 19 Wood Base and Shoe Moldings (06 46)

06 46 19 00-0001 Base And Shoe Molding (06 46 19)		
06 46 19 00-0002 LF 1/2" x 1/2" Pine Quarter Round Trim	5.62	2.17
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	1.09	
06 46 19 00-0003 LF 3/4" x 3/4" Pine Quarter Round Trim	6.05	2.17
<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>		
	1.09	
06 46 19 00-0004 LF 3-1/2" High White Pine Base Molding, All Dimensions Are Nominal	7.33	1.37
<i>For Clear Birch, Add</i>		
	0.88	
<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>		
	1.70	
<i>For Stain Grade Material (No Finger Joints), Add</i>		
	0.50	
<i>For Clear Poplar, Add</i>		
	0.55	
06 46 19 00-0005 LF 4-1/2" High White Pine Base Molding, All Dimensions Are Nominal	8.90	1.71
<i>For Clear Birch, Add</i>		
	1.02	
<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>		
	2.00	
<i>For Stain Grade Material (No Finger Joints), Add</i>		
	0.57	
<i>For Clear Poplar, Add</i>		
	0.64	
06 46 19 00-0006 LF 5-1/2" High White Pine Base Molding, All Dimensions Are Nominal	11.20	1.94
<i>For Clear Birch, Add</i>		
	1.57	
<i>For Clear Mahogany, Oak, Maple Or Walnut, Add</i>		
	2.84	
<i>For Stain Grade Material (No Finger Joints), Add</i>		
	0.89	
<i>For Clear Poplar, Add</i>		
	0.98	
06 46 19 00-0007 LF 3/4" x 1" Oak Base Shoe	7.17	2.17
06 46 19 00-0008 LF 3/4" x 1" White Pine Base Shoe, Stain Grade	6.92	2.17
06 46 19 00-0009 LF 3/4" x 1" White Pine Base Shoe, Paint Grade	6.37	2.17

06 46 23 Wood Chair Rails (06 46)

06 46 23 00-0001 Chair Rails (06 46 23)		
06 46 23 00-0002 LF 5/8" x 2-1/2" White Pine Shaped Chair Rail	9.10	2.05
<i>For Birch, Add</i>		
	1.45	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>		
	2.50	
<i>For Poplar, Add</i>		
	0.91	
06 46 23 00-0003 LF 5/8" x 3-1/2" White Pine Shaped Chair Rail	11.39	2.05
<i>For Birch, Add</i>		
	2.18	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>		
	3.53	
<i>For Poplar, Add</i>		
	1.36	
06 46 23 00-0004 LF 1/2" x 1-5/8" White Pine Shaped Chair Rail	6.74	2.05
<i>For Birch, Add</i>		
	1.06	
<i>For Mahogany, Oak, Maple Or Walnut, Add</i>		
	1.83	
<i>For Poplar, Add</i>		
	0.66	

06 46 26 Wood Cornices (06 46)

06 46 26 00-0001 Wood Cornices (06 46 26)		
06 46 26 00-0002 LF 1" x 2" White Pine Cornices, All Dimensions Are Nominal	6.63	2.05
<i>For Birch, Add</i>		
	0.74	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>		
	1.38	
<i>For Poplar, Add</i>		
	0.93	
06 46 26 00-0003 LF 1" x 4" White Pine Cornices, All Dimensions Are Nominal	8.49	2.17
<i>For Birch, Add</i>		
	1.34	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>		
	2.15	
<i>For Poplar, Add</i>		
	1.68	
06 46 26 00-0004 LF 1" x 6" White Pine Cornices, All Dimensions Are Nominal	12.08	2.28
<i>For Birch, Add</i>		
	2.56	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>		
	3.70	
<i>For Poplar, Add</i>		
	3.20	
06 46 26 00-0005 LF 1" x 8" White Pine Cornices, All Dimensions Are Nominal	14.02	2.28
<i>For Birch, Add</i>		
	3.18	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>		
	4.49	
<i>For Poplar, Add</i>		
	3.97	
06 46 26 00-0006 LF 1" x 10" White Pine Cornices, All Dimensions Are Nominal	16.28	2.40
<i>For Birch, Add</i>		
	3.90	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>		
	5.42	
<i>For Poplar, Add</i>		
	4.88	
06 46 26 00-0007 LF 1" x 12" White Pine Cornices, All Dimensions Are Nominal	21.14	2.63
<i>For Birch, Add</i>		
	5.55	
<i>For Mahogany, Oak, Maple, Or Walnut, Add</i>		
	7.51	
<i>For Poplar, Add</i>		
	6.94	

06 46 29 Wood Fasciae and Soffits (06 46)

06 46 29 00-0001 Fascia Board (06 46 29)		
06 46 29 00-0002 Pine Fascia Board (06 46 29 00-0001)		
06 46 29 00-0003 LF 1" x 6" Pine Fascia Board	5.20	2.28
06 46 29 00-0004 LF 1" x 8" Pine Fascia Board	5.91	2.54
06 46 29 00-0005 LF 1" x 10" Pine Fascia Board	6.35	2.67
06 46 29 00-0006 LF 1" x 12" Pine Fascia Board	7.41	2.98
06 46 29 00-0007 LF 2" x 6" Pine Fascia Board	5.15	2.28
06 46 29 00-0008 LF 2" x 8" Pine Fascia Board	5.85	2.54
06 46 29 00-0009 LF 2" x 10" Pine Fascia Board	6.45	2.67
06 46 29 00-0010 LF 2" x 12" Pine Fascia Board	7.70	2.98

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 29 00-0011	LF		2" x 6" Trim, Exterior, Pine, Resawn Fascia	7.07	2.28
06 46 29 00-0012	LF		2" x 8" Trim, Exterior, Pine, Resawn Fascia	8.37	2.54
06 46 29 00-0013	LF		2" x 10" Trim, Exterior, Pine, Resawn Fascia	9.52	2.67
06 46 29 00-0014	LF		2" x 12" Trim, Exterior, Pine, Resawn Fascia	12.28	2.98
06 46 29 00-0015			Cedar Fascia Board (06 46 29 00-0001)		
06 46 29 00-0016	LF		1" x 6" Cedar Fascia Board.....	5.49	2.28
06 46 29 00-0017	LF		1" x 8" Cedar Fascia Board.....	6.38	2.54
06 46 29 00-0018	LF		1" x 10" Cedar Fascia Board.....	7.25	2.67
06 46 29 00-0019	LF		1" x 12" Cedar Fascia Board.....	8.67	2.98
06 46 29 00-0020			Engineered Wood Fascia Board (06 46 29 00-0001)		
06 46 29 00-0021	LF		1" x 6" Engineered Wood Fascia Board.....	5.02	2.28
06 46 29 00-0022	LF		1" x 8" Engineered Wood Fascia Board.....	5.68	2.54
06 46 29 00-0023	LF		1" x 12" Engineered Wood Fascia Board.....	6.87	2.98
06 46 29 00-0024			Soffit (06 46 29)		
06 46 29 00-0025			Sanded Plywood Soffit (06 46 29 00-0024)		
06 46 29 00-0026	SF		3/8" Thick, Sanded Plywood Soffit.....	4.35	1.73
06 46 29 00-0027	SF		1/2" Thick, Sanded Plywood Soffit.....	4.74	1.82
06 46 29 00-0028	SF		5/8" Thick, Sanded Plywood Soffit.....	4.98	1.90
06 46 29 00-0029	SF		3/4" Thick, Sanded Plywood Soffit.....	5.45	2.00
06 46 29 00-0030			MDO Plywood Soffit (06 46 29 00-0024)		
06 46 29 00-0031	SF		3/8" Thick, MDO Plywood Soffit.....	4.76	1.73
06 46 29 00-0032	SF		1/2" Thick, MDO Plywood Soffit.....	5.27	1.82
06 46 29 00-0033	SF		3/4" Thick, MDO Plywood Soffit.....	6.47	2.00
06 46 29 00-0034			Exterior Ceiling Gypsum Board Soffit (06 46 29 00-0024)		
06 46 29 00-0035	SF		1/2" Thick, Exterior Ceiling Gypsum Board Soffit.....	3.67	1.50
06 46 29 00-0036	SF		5/8" Thick, Fire Rated, Exterior Ceiling Gypsum Board Soffit.....	3.96	1.58
06 46 36			Custom Wood Molding (06 46)		
			Note: Includes set-up, knife charge, gluing (Where necessary for widths over 7-1/2"). All dimensions are nominal.		
06 46 36 00-0001			Ash (06 46 36)		
06 46 36 00-0002	LF		3/4" x 1-1/2" Custom Shaped Ash.....	8.67	1.26
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.93	
06 46 36 00-0003	LF		3/4" x 2-1/2" Custom Shaped Ash.....	11.11	1.26
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.95	
06 46 36 00-0004	LF		3/4" x 3-1/2" Custom Shaped Ash.....	13.57	1.26
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.99	
06 46 36 00-0005	LF		3/4" x 4-1/2" Custom Shaped Ash.....	16.01	1.37
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.01	
06 46 36 00-0006	LF		3/4" x 5-1/2" Custom Shaped Ash.....	18.59	1.37
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.07	
06 46 36 00-0007	LF		3/4" x 6-1/2" Custom Shaped Ash.....	21.16	1.49
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.13	
06 46 36 00-0008	LF		3/4" x 7-1/2" Custom Shaped Ash.....	23.60	1.49
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.16	
06 46 36 00-0009	LF		3/4" x 8-1/2" Custom Shaped Ash.....	26.07	1.49
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.19	
06 46 36 00-0010	LF		3/4" x 9-1/2" Custom Shaped Ash.....	28.46	1.60
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.21	
06 46 36 00-0011	LF		3/4" x 10-1/2" Custom Shaped Ash.....	31.06	1.60
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.27	
06 46 36 00-0012	LF		3/4" x 11-1/2" Custom Shaped Ash.....	33.56	1.71
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.32	
06 46 36 00-0013	LF		1" x 1-1/2" Custom Shaped Ash	10.38	1.26
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.95	
06 46 36 00-0014	LF		1" x 2-1/2" Custom Shaped Ash	13.60	1.26
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.98	
06 46 36 00-0015	LF		1" x 3-1/2" Custom Shaped Ash	16.83	1.37
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.01	
06 46 36 00-0016	LF		1" x 4-1/2" Custom Shaped Ash	20.05	1.37
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.04	
06 46 36 00-0017	LF		1" x 5-1/2" Custom Shaped Ash	23.45	1.49
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.10	
06 46 36 00-0018	LF		1" x 6-1/2" Custom Shaped Ash	26.80	1.49
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.16	
06 46 36 00-0019	LF		1" x 7-1/2" Custom Shaped Ash	30.01	1.49
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.18	
06 46 36 00-0020	LF		1" x 8-1/2" Custom Shaped Ash	33.25	1.60
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.22	
06 46 36 00-0021	LF		1" x 9-1/2" Custom Shaped Ash	36.47	1.60
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	1.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0022	LF	1" x 10-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.85 1.30	1.71
06 46 36 00-0023	LF	1" x 11-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.12 1.34	1.71
06 46 36 00-0024	LF	1-1/4" x 1-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.54 0.98	1.26
06 46 36 00-0025	LF	1-1/4" x 2-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.81 1.01	1.26
06 46 36 00-0026	LF	1-1/4" x 3-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.08 1.04	1.37
06 46 36 00-0027	LF	1-1/4" x 4-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.35 1.07	1.37
06 46 36 00-0028	LF	1-1/4" x 5-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.75 1.12	1.49
06 46 36 00-0029	LF	1-1/4" x 6-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.15 1.18	1.49
06 46 36 00-0030	LF	1-1/4" x 7-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.40 1.21	1.60
06 46 36 00-0031	LF	1-1/4" x 8-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.70 1.25	1.60
06 46 36 00-0032	LF	1-1/4" x 9-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.92 1.26	1.60
06 46 36 00-0033	LF	1-1/4" x 10-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	51.34 1.33	1.71
06 46 36 00-0034	LF	1-1/4" x 11-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.66 1.37	1.83
06 46 36 00-0035	LF	1-1/2" x 1-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.64 1.01	1.26
06 46 36 00-0036	LF	1-1/2" x 2-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.40 1.04	1.37
06 46 36 00-0037	LF	1-1/2" x 3-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.16 1.06	1.37
06 46 36 00-0038	LF	1-1/2" x 4-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.92 1.09	1.49
06 46 36 00-0039	LF	1-1/2" x 5-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.69 1.12	1.49
06 46 36 00-0040	LF	1-1/2" x 6-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.70 1.21	1.60
06 46 36 00-0041	LF	1-1/2" x 7-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.56 1.24	1.60
06 46 36 00-0042	LF	1-1/2" x 8-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.25 1.27	1.60
06 46 36 00-0043	LF	1-1/2" x 9-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	61.95 1.29	1.71
06 46 36 00-0044	LF	1-1/2" x 10-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	68.42 1.35	1.71
06 46 36 00-0045	LF	1-1/2" x 11-1/2"	Custom Shaped Ash <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	73.67 1.39	1.83
06 46 36 00-0046			Basswood <small>(06 46 36)</small>		
06 46 36 00-0047	LF	3/4" x 1-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.12 0.93	1.26
06 46 36 00-0048	LF	3/4" x 2-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.79 0.95	1.26
06 46 36 00-0049	LF	3/4" x 3-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.48 0.99	1.26
06 46 36 00-0050	LF	3/4" x 4-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.14 1.01	1.37
06 46 36 00-0051	LF	3/4" x 5-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.95 1.07	1.37
06 46 36 00-0052	LF	3/4" x 6-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.75 1.13	1.49
06 46 36 00-0053	LF	3/4" x 7-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.41 1.16	1.49
06 46 36 00-0054	LF	3/4" x 8-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.11 1.19	1.60
06 46 36 00-0055	LF	3/4" x 9-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.73 1.21	1.60
06 46 36 00-0056	LF	3/4" x 10-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.55 1.27	1.71
06 46 36 00-0057	LF	3/4" x 11-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.28 1.32	1.71
06 46 36 00-0058	LF	1" x 1-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.17 0.95	1.26
06 46 36 00-0059	LF	1" x 2-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.29 0.98	1.26
06 46 36 00-0060	LF	1" x 3-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.41 1.01	1.37
06 46 36 00-0061	LF	1" x 4-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.53 1.04	1.37
06 46 36 00-0062	LF	1" x 5-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.82 1.10	1.49
06 46 36 00-0063	LF	1" x 6-1/2"	Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.07 1.16	1.49

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0064	LF		1" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.17 1.18	1.60
06 46 36 00-0065	LF		1" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.31 1.22	1.60
06 46 36 00-0066	LF		1" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.42 1.24	1.60
06 46 36 00-0067	LF		1" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.70 1.30	1.71
06 46 36 00-0068	LF		1" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.87 1.34	1.71
06 46 36 00-0069	LF		1-1/2" x 1-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.32 0.98	1.26
06 46 36 00-0070	LF		1-1/2" x 2-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.98 1.01	1.26
06 46 36 00-0071	LF		1-1/2" x 3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.65 1.04	1.37
06 46 36 00-0072	LF		1-1/2" x 4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.32 1.07	1.37
06 46 36 00-0073	LF		1-1/2" x 5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.10 1.12	1.49
06 46 36 00-0074	LF		1-1/2" x 6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.89 1.18	1.60
06 46 36 00-0075	LF		1-1/2" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.54 1.21	1.60
06 46 36 00-0076	LF		1-1/2" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.24 1.25	1.60
06 46 36 00-0077	LF		1-1/2" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.84 1.26	1.60
06 46 36 00-0078	LF		1-1/2" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.65 1.33	1.71
06 46 36 00-0079	LF		1-1/2" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.37 1.37	1.83
06 46 36 00-0080	LF		3-1/2" x 3-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.57 1.13	1.49
06 46 36 00-0081	LF		3-1/2" x 4-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.96 1.18	1.49
06 46 36 00-0082	LF		3-1/2" x 5-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	66.24 1.21	1.60
06 46 36 00-0083	LF		3-1/2" x 6-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.74 1.29	1.71
06 46 36 00-0084	LF		3-1/2" x 7-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	87.02 1.32	1.71
06 46 36 00-0085	LF		3-1/2" x 8-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	97.52 1.37	1.83
06 46 36 00-0086	LF		3-1/2" x 9-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	107.68 1.39	1.83
06 46 36 00-0087	LF		3-1/2" x 10-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	117.96 1.42	1.83
06 46 36 00-0088	LF		3-1/2" x 11-1/2" Custom Shaped Basswood <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	128.48 1.50	1.94
06 46 36 00-0089			Birch <small>(06 46 36)</small>		
06 46 36 00-0090	LF		3/4" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.68 0.93	1.26
06 46 36 00-0091	LF		3/4" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.62 0.95	1.26
06 46 36 00-0092	LF		3/4" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.58 0.99	1.26
06 46 36 00-0093	LF		3/4" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.52 1.01	1.37
06 46 36 00-0094	LF		3/4" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.61 1.07	1.37
06 46 36 00-0095	LF		3/4" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.68 1.13	1.49
06 46 36 00-0096	LF		3/4" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.62 1.16	1.49
06 46 36 00-0097	LF		3/4" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.59 1.19	1.49
06 46 36 00-0098	LF		3/4" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.49 1.21	1.60
06 46 36 00-0099	LF		3/4" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.59 1.27	1.60
06 46 36 00-0100	LF		3/4" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.59 1.32	1.71
06 46 36 00-0101	LF		1" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.00 0.95	1.26
06 46 36 00-0102	LF		1" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.51 0.98	1.26
06 46 36 00-0103	LF		1" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.07 1.01	1.37
06 46 36 00-0104	LF		1" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.63 1.04	1.37
06 46 36 00-0105	LF		1" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.31 1.10	1.49

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0106 LF 1" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.94 1.16	1.49
06 46 36 00-0107 LF 1" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.48 1.18	1.49
06 46 36 00-0108 LF 1" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.06 1.22	1.60
06 46 36 00-0109 LF 1" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.56 1.24	1.60
06 46 36 00-0110 LF 1" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.23 1.30	1.71
06 46 36 00-0111 LF 1" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.84 1.34	1.71
06 46 36 00-0112 LF 1-1/4" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.55 0.98	1.26
06 46 36 00-0113 LF 1-1/4" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.83 1.01	1.26
06 46 36 00-0114 LF 1-1/4" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.10 1.04	1.37
06 46 36 00-0115 LF 1-1/4" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.38 1.07	1.37
06 46 36 00-0116 LF 1-1/4" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.78 1.12	1.49
06 46 36 00-0117 LF 1-1/4" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.19 1.18	1.49
06 46 36 00-0118 LF 1-1/4" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.45 1.21	1.60
06 46 36 00-0119 LF 1-1/4" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.76 1.25	1.60
06 46 36 00-0120 LF 1-1/4" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.97 1.26	1.60
06 46 36 00-0121 LF 1-1/4" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.40 1.33	1.71
06 46 36 00-0122 LF 1-1/4" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.73 1.37	1.83
06 46 36 00-0123 LF 1-1/2" x 1-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.99 1.01	1.26
06 46 36 00-0124 LF 1-1/2" x 2-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.42 1.04	1.37
06 46 36 00-0125 LF 1-1/2" x 3-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.85 1.06	1.37
06 46 36 00-0126 LF 1-1/2" x 4-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.29 1.09	1.49
06 46 36 00-0127 LF 1-1/2" x 5-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.74 1.12	1.49
06 46 36 00-0128 LF 1-1/2" x 6-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.42 1.21	1.60
06 46 36 00-0129 LF 1-1/2" x 7-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.85 1.24	1.60
06 46 36 00-0130 LF 1-1/2" x 8-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.31 1.27	1.60
06 46 36 00-0131 LF 1-1/2" x 9-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.69 1.29	1.71
06 46 36 00-0132 LF 1-1/2" x 10-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	53.83 1.35	1.71
06 46 36 00-0133 LF 1-1/2" x 11-1/2" Custom Shaped Birch <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.76 1.39	1.83
06 46 36 00-0134 Clear Western Cedar (06 46 36)		
06 46 36 00-0135 LF 3/4" x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.68 0.93	1.26
06 46 36 00-0136 LF 3/4" x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.62 0.95	1.26
06 46 36 00-0137 LF 3/4" x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.58 0.99	1.26
06 46 36 00-0138 LF 3/4" x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.52 1.01	1.37
06 46 36 00-0139 LF 3/4" x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.61 1.07	1.37
06 46 36 00-0140 LF 3/4" x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.68 1.13	1.49
06 46 36 00-0141 LF 1" x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.11 0.95	1.26
06 46 36 00-0142 LF 1" x 2-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.73 0.98	1.26
06 46 36 00-0143 LF 1" x 3-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.34 1.01	1.37
06 46 36 00-0144 LF 1" x 4-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.96 1.04	1.37
06 46 36 00-0145 LF 1" x 5-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.69 1.10	1.49
06 46 36 00-0146 LF 1" x 6-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.44 1.16	1.49
06 46 36 00-0147 LF 1-1/4" x 1-1/2" Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.98 0.98	1.26

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0148	LF	1-1/4" x 2-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.98 1.01	1.26
06 46 36 00-0149	LF	1-1/4" x 3-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.98 1.04	1.37
06 46 36 00-0150	LF	1-1/4" x 4-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.97 1.07	1.37
06 46 36 00-0151	LF	1-1/4" x 5-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.09 1.12	1.49
06 46 36 00-0152	LF	1-1/4" x 6-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.21 1.18	1.49
06 46 36 00-0153	LF	1-1/2" x 1-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.32 1.01	1.26
06 46 36 00-0154	LF	1-1/2" x 2-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.43 1.04	1.37
06 46 36 00-0155	LF	1-1/2" x 3-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.53 1.06	1.37
06 46 36 00-0156	LF	1-1/2" x 4-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.63 1.09	1.49
06 46 36 00-0157	LF	1-1/2" x 5-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.75 1.12	1.49
06 46 36 00-0158	LF	1-1/2" x 6-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.10 1.21	1.60
06 46 36 00-0159	LF	3-1/2" x 3-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	40.27 1.13	1.49
06 46 36 00-0160	LF	3-1/2" x 4-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.33 1.18	1.49
06 46 36 00-0161	LF	3-1/2" x 5-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	58.28 1.21	1.60
06 46 36 00-0162	LF	3-1/2" x 6-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	67.46 1.29	1.71
06 46 36 00-0163	LF	3-1/2" x 7-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.42 1.32	1.71
06 46 36 00-0164	LF	3-1/2" x 8-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	85.48 1.37	1.83
06 46 36 00-0165	LF	3-1/2" x 9-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	94.42 1.39	1.83
06 46 36 00-0166	LF	3-1/2" x 10-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	103.38 1.42	1.83
06 46 36 00-0167	LF	3-1/2" x 11-1/2"	Custom Shaped Clear West Cedar <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	112.57 1.50	1.94
06 46 36 00-0168		Cherry <small>(06 46 36)</small>			
06 46 36 00-0169	LF	3/4" x 1-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.44 0.93	1.26
06 46 36 00-0170	LF	3/4" x 2-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.27 0.95	1.26
06 46 36 00-0171	LF	3/4" x 3-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.12 0.99	1.26
06 46 36 00-0172	LF	3/4" x 4-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.94 1.01	1.37
06 46 36 00-0173	LF	3/4" x 5-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.91 1.07	1.37
06 46 36 00-0174	LF	3/4" x 6-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.87 1.13	1.49
06 46 36 00-0175	LF	3/4" x 7-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.69 1.16	1.49
06 46 36 00-0176	LF	3/4" x 8-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.55 1.19	1.49
06 46 36 00-0177	LF	3/4" x 9-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.32 1.21	1.60
06 46 36 00-0178	LF	3/4" x 10-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.31 1.27	1.60
06 46 36 00-0179	LF	3/4" x 11-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.20 1.32	1.71
06 46 36 00-0180	LF	1" x 1-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.32 0.95	1.26
06 46 36 00-0181	LF	1" x 2-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.04 0.98	1.26
06 46 36 00-0182	LF	1" x 3-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.76 1.01	1.37
06 46 36 00-0183	LF	1" x 4-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.48 1.04	1.37
06 46 36 00-0184	LF	1" x 5-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.32 1.10	1.49
06 46 36 00-0185	LF	1" x 6-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.17 1.16	1.49
06 46 36 00-0186	LF	1" x 7-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.87 1.18	1.49
06 46 36 00-0187	LF	1" x 8-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.67 1.22	1.60
06 46 36 00-0188	LF	1" x 9-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.27 1.24	1.60
06 46 36 00-0189	LF	1" x 10-1/2"	Custom Shaped Cherry <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.15 1.30	1.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0190 LF 1" x 11-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	48.92 1.34	1.71
06 46 36 00-0191 LF 1-1/4" x 1-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.36 0.98	1.26
06 46 36 00-0192 LF 1-1/4" x 2-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.08 1.01	1.26
06 46 36 00-0193 LF 1-1/4" x 3-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.74 1.04	1.37
06 46 36 00-0194 LF 1-1/4" x 4-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.45 1.07	1.37
06 46 36 00-0195 LF 1-1/4" x 5-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.23 1.12	1.49
06 46 36 00-0196 LF 1-1/4" x 6-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.08 1.18	1.49
06 46 36 00-0197 LF 1-1/4" x 7-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.71 1.21	1.60
06 46 36 00-0198 LF 1-1/4" x 8-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.46 1.25	1.60
06 46 36 00-0199 LF 1-1/4" x 9-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	51.06 1.26	1.60
06 46 36 00-0200 LF 1-1/4" x 10-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.92 1.33	1.71
06 46 36 00-0201 LF 1-1/4" x 11-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	60.63 1.37	1.83
06 46 36 00-0202 LF 1-1/2" x 1-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.18 1.01	1.26
06 46 36 00-0203 LF 1-1/2" x 2-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.72 1.04	1.37
06 46 36 00-0204 LF 1-1/2" x 3-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.25 1.06	1.37
06 46 36 00-0205 LF 1-1/2" x 4-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.79 1.09	1.49
06 46 36 00-0206 LF 1-1/2" x 5-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.33 1.12	1.49
06 46 36 00-0207 LF 1-1/2" x 6-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.11 1.21	1.60
06 46 36 00-0208 LF 1-1/2" x 7-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	56.64 1.24	1.60
06 46 36 00-0209 LF 1-1/2" x 8-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	63.20 1.27	1.60
06 46 36 00-0210 LF 1-1/2" x 9-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	69.68 1.29	1.71
06 46 36 00-0211 LF 1-1/2" x 10-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.48 1.35	1.71
06 46 36 00-0212 LF 1-1/2" x 11-1/2" Custom Shaped Cherry..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	82.95 1.39	1.83
06 46 36 00-0213 Cypress (06 46 36)		
06 46 36 00-0214 LF 3/4" x 1-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	7.12 0.93	1.26
06 46 36 00-0215 LF 3/4" x 2-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.79 0.95	1.26
06 46 36 00-0216 LF 3/4" x 3-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.48 0.99	1.26
06 46 36 00-0217 LF 3/4" x 4-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.14 1.01	1.37
06 46 36 00-0218 LF 3/4" x 5-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.95 1.07	1.37
06 46 36 00-0219 LF 3/4" x 6-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.75 1.13	1.49
06 46 36 00-0220 LF 3/4" x 7-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.85 1.16	1.49
06 46 36 00-0221 LF 3/4" x 8-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.61 1.19	1.49
06 46 36 00-0222 LF 3/4" x 9-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.94 1.21	1.60
06 46 36 00-0223 LF 3/4" x 10-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.98 1.27	1.60
06 46 36 00-0224 LF 1" x 1-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.55 0.95	1.26
06 46 36 00-0225 LF 1" x 2-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.33 0.98	1.26
06 46 36 00-0226 LF 1" x 3-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.17 1.01	1.37
06 46 36 00-0227 LF 1" x 4-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.01 1.04	1.37
06 46 36 00-0228 LF 1" x 5-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.96 1.10	1.49
06 46 36 00-0229 LF 1" x 6-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.87 1.16	1.49
06 46 36 00-0230 LF 1" x 7-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.69 1.18	1.49
06 46 36 00-0231 LF 1" x 8-1/2" Custom Shaped Cypress..... <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.55 1.22	1.60

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0232	LF		1" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.32 1.24	1.60
06 46 36 00-0233	LF		1" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.38 1.30	1.71
06 46 36 00-0234	LF		1" x 11-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.15 1.34	1.71
06 46 36 00-0235	LF		1-1/2" x 1-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	11.22 1.01	1.26
06 46 36 00-0236	LF		1-1/2" x 2-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.77 1.04	1.37
06 46 36 00-0237	LF		1-1/2" x 3-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.32 1.06	1.37
06 46 36 00-0238	LF		1-1/2" x 4-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	21.87 1.09	1.49
06 46 36 00-0239	LF		1-1/2" x 5-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.44 1.12	1.49
06 46 36 00-0240	LF		1-1/2" x 6-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.23 1.21	1.60
06 46 36 00-0241	LF		1-1/2" x 7-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.78 1.24	1.60
06 46 36 00-0242	LF		1-1/2" x 8-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.36 1.27	1.60
06 46 36 00-0243	LF		1-1/2" x 9-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	43.17 1.29	1.71
06 46 36 00-0244	LF		1-1/2" x 10-1/2" Custom Shaped Cypress <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	47.09 1.35	1.71
06 46 36 00-0245	Fir	<small>(06 46 36)</small>			
06 46 36 00-0246	LF		3/4" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	8.01 0.93	1.26
06 46 36 00-0247	LF		3/4" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.12 0.95	1.26
06 46 36 00-0248	LF		3/4" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.24 0.99	1.26
06 46 36 00-0249	LF		3/4" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.35 1.01	1.37
06 46 36 00-0250	LF		3/4" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.60 1.07	1.37
06 46 36 00-0251	LF		3/4" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.84 1.13	1.49
06 46 36 00-0252	LF		3/4" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.95 1.16	1.49
06 46 36 00-0253	LF		3/4" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.09 1.19	1.49
06 46 36 00-0254	LF		3/4" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.14 1.21	1.60
06 46 36 00-0255	LF		3/4" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.41 1.27	1.71
06 46 36 00-0256	LF		1" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	9.55 0.95	1.26
06 46 36 00-0257	LF		1" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.33 0.98	1.26
06 46 36 00-0258	LF		1" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	15.17 1.01	1.37
06 46 36 00-0259	LF		1" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	18.01 1.04	1.37
06 46 36 00-0260	LF		1" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.96 1.10	1.49
06 46 36 00-0261	LF		1" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	23.87 1.16	1.49
06 46 36 00-0262	LF		1" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.69 1.18	1.49
06 46 36 00-0263	LF		1" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.55 1.22	1.60
06 46 36 00-0264	LF		1" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.32 1.24	1.60
06 46 36 00-0265	LF		1" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.38 1.30	1.71
06 46 36 00-0266	LF		1" x 11-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.15 1.34	1.71
06 46 36 00-0267	LF		1-1/4" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.71 0.98	1.26
06 46 36 00-0268	LF		1-1/4" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.10 1.01	1.26
06 46 36 00-0269	LF		1-1/4" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.43 1.04	1.37
06 46 36 00-0270	LF		1-1/4" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.82 1.07	1.37
06 46 36 00-0271	LF		1-1/4" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.28 1.12	1.49
06 46 36 00-0272	LF		1-1/4" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	27.80 1.18	1.49
06 46 36 00-0273	LF		1-1/4" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	31.11 1.21	1.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0274	LF		1-1/4" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.53 1.25	1.60
06 46 36 00-0275	LF		1-1/4" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.80 1.26	1.60
06 46 36 00-0276	LF		1-1/4" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.34 1.33	1.71
06 46 36 00-0277	LF		1-1/4" x 11-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.72 1.37	1.83
06 46 36 00-0278	LF		1-1/2" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.32 1.01	1.26
06 46 36 00-0279	LF		1-1/2" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.43 1.04	1.37
06 46 36 00-0280	LF		1-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.53 1.06	1.37
06 46 36 00-0281	LF		1-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.63 1.09	1.49
06 46 36 00-0282	LF		1-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.75 1.12	1.49
06 46 36 00-0283	LF		1-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.10 1.21	1.60
06 46 36 00-0284	LF		1-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.20 1.24	1.60
06 46 36 00-0285	LF		1-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.33 1.27	1.71
06 46 36 00-0286	LF		1-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.38 1.29	1.71
06 46 36 00-0287	LF		1-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.64 1.35	1.83
06 46 36 00-0288	LF		1-1/2" x 11-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	53.78 1.39	1.83
06 46 36 00-0289	LF		2-1/2" x 1-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.48 1.05	1.37
06 46 36 00-0290	LF		2-1/2" x 2-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	28.55 1.08	1.37
06 46 36 00-0291	LF		2-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	36.62 1.10	1.49
06 46 36 00-0292	LF		2-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.79 1.15	1.49
06 46 36 00-0293	LF		2-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	52.86 1.18	1.49
06 46 36 00-0294	LF		2-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	61.16 1.26	1.60
06 46 36 00-0295	LF		2-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	69.23 1.29	1.71
06 46 36 00-0296	LF		2-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	77.52 1.34	1.71
06 46 36 00-0297	LF		2-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	85.48 1.37	1.83
06 46 36 00-0298	LF		2-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	93.55 1.39	1.83
06 46 36 00-0299	LF		3-1/2" x 3-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.68 1.13	1.49
06 46 36 00-0300	LF		3-1/2" x 4-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.96 1.18	1.49
06 46 36 00-0301	LF		3-1/2" x 5-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	66.24 1.21	1.60
06 46 36 00-0302	LF		3-1/2" x 6-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	76.74 1.29	1.71
06 46 36 00-0303	LF		3-1/2" x 7-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	87.02 1.32	1.71
06 46 36 00-0304	LF		3-1/2" x 8-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	97.41 1.37	1.83
06 46 36 00-0305	LF		3-1/2" x 9-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	107.68 1.39	1.83
06 46 36 00-0306	LF		3-1/2" x 10-1/2" Custom Shaped Fir <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	117.96 1.42	1.83
06 46 36 00-0307			Honduran Mahogany <small>(06 46 36)</small>		
06 46 36 00-0308	LF		3/4" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	10.11 0.93	1.26
06 46 36 00-0309	LF		3/4" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	13.26 0.95	1.26
06 46 36 00-0310	LF		3/4" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.44 0.99	1.26
06 46 36 00-0311	LF		3/4" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.60 1.01	1.37
06 46 36 00-0312	LF		3/4" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	22.90 1.07	1.37
06 46 36 00-0313	LF		3/4" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	26.19 1.13	1.49
06 46 36 00-0314	LF		3/4" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.34 1.16	1.49
06 46 36 00-0315	LF		3/4" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	32.53 1.19	1.60

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0316	LF	3/4" x 9-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	35.64 1.21	1.60
06 46 36 00-0317	LF	3/4" x 10-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	38.96 1.27	1.71
06 46 36 00-0318	LF	3/4" x 11-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	42.17 1.32	1.71
06 46 36 00-0319	LF	1" x 1-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	12.31 0.95	1.26
06 46 36 00-0320	LF	1" x 2-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	16.48 0.98	1.26
06 46 36 00-0321	LF	1" x 3-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.69 1.01	1.37
06 46 36 00-0322	LF	1" x 4-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.91 1.04	1.37
06 46 36 00-0323	LF	1" x 5-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.25 1.10	1.49
06 46 36 00-0324	LF	1" x 6-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	33.54 1.16	1.49
06 46 36 00-0325	LF	1" x 7-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.74 1.18	1.60
06 46 36 00-0326	LF	1" x 8-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	41.98 1.22	1.60
06 46 36 00-0327	LF	1" x 9-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	46.13 1.24	1.60
06 46 36 00-0328	LF	1" x 10-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.46 1.30	1.71
06 46 36 00-0329	LF	1" x 11-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	55.27 1.34	1.71
06 46 36 00-0330	LF	1-1/4" x 1-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	14.03 0.98	1.26
06 46 36 00-0331	LF	1-1/4" x 2-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	19.07 1.01	1.26
06 46 36 00-0332	LF	1-1/4" x 3-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.06 1.04	1.37
06 46 36 00-0333	LF	1-1/4" x 4-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.11 1.07	1.37
06 46 36 00-0334	LF	1-1/4" x 5-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.22 1.12	1.49
06 46 36 00-0335	LF	1-1/4" x 6-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	39.40 1.18	1.60
06 46 36 00-0336	LF	1-1/4" x 7-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.37 1.21	1.60
06 46 36 00-0337	LF	1-1/4" x 8-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	49.44 1.25	1.60
06 46 36 00-0338	LF	1-1/4" x 9-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	53.27 1.26	1.60
06 46 36 00-0339	LF	1-1/4" x 10-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	59.57 1.33	1.71
06 46 36 00-0340	LF	1-1/4" x 11-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.61 1.37	1.83
06 46 36 00-0341	LF	1-1/2" x 1-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	17.41 1.01	1.26
06 46 36 00-0342	LF	1-1/2" x 2-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	24.05 1.04	1.37
06 46 36 00-0343	LF	1-1/2" x 3-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	30.69 1.06	1.37
06 46 36 00-0344	LF	1-1/2" x 4-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.34 1.09	1.37
06 46 36 00-0345	LF	1-1/2" x 5-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.00 1.12	1.49
06 46 36 00-0346	LF	1-1/2" x 6-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	50.88 1.21	1.60
06 46 36 00-0347	LF	1-1/2" x 7-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	57.52 1.24	1.60
06 46 36 00-0348	LF	1-1/2" x 8-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.20 1.27	1.71
06 46 36 00-0349	LF	1-1/2" x 9-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	70.79 1.29	1.71
06 46 36 00-0350	LF	1-1/2" x 10-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	77.58 1.35	1.71
06 46 36 00-0351	LF	1-1/2" x 11-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	84.38 1.39	1.83
06 46 36 00-0352	LF	2" x 1-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	20.75 1.03	1.37
06 46 36 00-0353	LF	2" x 2-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	29.05 1.05	1.37
06 46 36 00-0354	LF	2" x 3-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	37.28 1.08	1.37
06 46 36 00-0355	LF	2" x 4-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	45.67 1.13	1.49
06 46 36 00-0356	LF	2" x 5-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	53.91 1.16	1.49
06 46 36 00-0357	LF	2" x 6-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	62.43 1.24	1.60
06 46 36 00-0358	LF	2" x 7-1/2"	Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	70.66 1.26	1.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0359	LF		2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	79.06 1.31	1.71
06 46 36 00-0360	LF		2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	87.29 1.34	1.71
06 46 36 00-0361	LF		2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	95.59 1.37	1.83
06 46 36 00-0362	LF		2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	104.05 1.45	1.94
06 46 36 00-0363	LF		2-1/2" x 1-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	25.56 1.05	1.37
06 46 36 00-0364	LF		2-1/2" x 2-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	34.52 1.08	1.37
06 46 36 00-0365	LF		2-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	44.57 1.10	1.49
06 46 36 00-0366	LF		2-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	54.73 1.15	1.49
06 46 36 00-0367	LF		2-1/2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	64.79 1.18	1.49
06 46 36 00-0368	LF		2-1/2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	75.08 1.26	1.60
06 46 36 00-0369	LF		2-1/2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	85.14 1.29	1.71
06 46 36 00-0370	LF		2-1/2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	95.31 1.34	1.71
06 46 36 00-0371	LF		2-1/2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	105.36 1.37	1.83
06 46 36 00-0372	LF		2-1/2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	115.42 1.39	1.83
06 46 36 00-0373	LF		2-1/2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	125.71 1.47	1.94
06 46 36 00-0374	LF		3-1/2" x 3-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	60.60 1.13	1.49
06 46 36 00-0375	LF		3-1/2" x 4-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	74.74 1.18	1.49
06 46 36 00-0376	LF		3-1/2" x 5-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	88.77 1.21	1.60
06 46 36 00-0377	LF		3-1/2" x 6-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	103.03 1.29	1.71
06 46 36 00-0378	LF		3-1/2" x 7-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	117.07 1.32	1.71
06 46 36 00-0379	LF		3-1/2" x 8-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	131.21 1.37	1.83
06 46 36 00-0380	LF		3-1/2" x 9-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	145.24 1.39	1.83
06 46 36 00-0381	LF		3-1/2" x 10-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	159.28 1.42	1.83
06 46 36 00-0382	LF		3-1/2" x 11-1/2" Custom Shaped Honduras Mahogany <i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	173.55 1.50	1.94
06 46 36 00-0383			Maple (06 46 36)		
06 46 36 00-0384	LF		3/4" x 1-1/2" Custom Shaped Maple	7.57	1.26
06 46 36 00-0385	LF		3/4" x 2-1/2" Custom Shaped Maple	9.45	1.26
06 46 36 00-0386	LF		3/4" x 3-1/2" Custom Shaped Maple	11.36	1.26
06 46 36 00-0387	LF		3/4" x 4-1/2" Custom Shaped Maple	13.25	1.37
06 46 36 00-0388	LF		3/4" x 5-1/2" Custom Shaped Maple	15.27	1.37
06 46 36 00-0389	LF		3/4" x 6-1/2" Custom Shaped Maple	17.29	1.49
06 46 36 00-0390	LF		3/4" x 7-1/2" Custom Shaped Maple	19.18	1.49
06 46 36 00-0391	LF		3/4" x 8-1/2" Custom Shaped Maple	21.10	1.49
06 46 36 00-0392	LF		3/4" x 9-1/2" Custom Shaped Maple	22.94	1.60
06 46 36 00-0393	LF		3/4" x 10-1/2" Custom Shaped Maple	24.98	1.71
06 46 36 00-0394	LF		3/4" x 11-1/2" Custom Shaped Maple	26.93	1.71
06 46 36 00-0395	LF		1" x 1-1/2" Custom Shaped Maple	9.00	1.26
06 46 36 00-0396	LF		1" x 2-1/2" Custom Shaped Maple	11.51	1.26
06 46 36 00-0397	LF		1" x 3-1/2" Custom Shaped Maple	14.07	1.37
06 46 36 00-0398	LF		1" x 4-1/2" Custom Shaped Maple	16.63	1.37
06 46 36 00-0399	LF		1" x 5-1/2" Custom Shaped Maple	19.31	1.49
06 46 36 00-0400	LF		1" x 6-1/2" Custom Shaped Maple	21.94	1.49
06 46 36 00-0401	LF		1" x 7-1/2" Custom Shaped Maple	24.48	1.49
06 46 36 00-0402	LF		1" x 8-1/2" Custom Shaped Maple	27.06	1.60
06 46 36 00-0403	LF		1" x 9-1/2" Custom Shaped Maple	29.56	1.60
06 46 36 00-0404	LF		1" x 10-1/2" Custom Shaped Maple	31.12	1.71
06 46 36 00-0405	LF		1" x 11-1/2" Custom Shaped Maple	34.84	1.71
06 46 36 00-0406	LF		1-1/4" x 1-1/2" Custom Shaped Maple	10.22	1.26
06 46 36 00-0407	LF		1-1/4" x 2-1/2" Custom Shaped Maple	13.33	1.26
06 46 36 00-0408	LF		1-1/4" x 3-1/2" Custom Shaped Maple	16.44	1.37
06 46 36 00-0409	LF		1-1/4" x 4-1/2" Custom Shaped Maple	19.55	1.37
06 46 36 00-0410	LF		1-1/4" x 5-1/2" Custom Shaped Maple	22.79	1.49
06 46 36 00-0411	LF		1-1/4" x 6-1/2" Custom Shaped Maple	26.03	1.49
06 46 36 00-0412	LF		1-1/4" x 7-1/2" Custom Shaped Maple	29.12	1.60
06 46 36 00-0413	LF		1-1/4" x 8-1/2" Custom Shaped Maple	32.26	1.60
06 46 36 00-0414	LF		1-1/4" x 9-1/2" Custom Shaped Maple	35.32	1.60
06 46 36 00-0415	LF		1-1/4" x 10-1/2" Custom Shaped Maple	38.58	1.71
06 46 36 00-0416	LF		1-1/4" x 11-1/2" Custom Shaped Maple	41.74	1.83

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 46 36 00-0417	LF	1-1/2" x 1-1/2" Custom Shaped Maple.....	12.77	1.26
06 46 36 00-0418	LF	1-1/2" x 2-1/2" Custom Shaped Maple.....	17.09	1.37
06 46 36 00-0419	LF	1-1/2" x 3-1/2" Custom Shaped Maple.....	21.41	1.37
06 46 36 00-0420	LF	1-1/2" x 4-1/2" Custom Shaped Maple.....	25.74	1.49
06 46 36 00-0421	LF	1-1/2" x 5-1/2" Custom Shaped Maple.....	30.08	1.49
06 46 36 00-0422	LF	1-1/2" x 6-1/2" Custom Shaped Maple.....	34.64	1.60
06 46 36 00-0423	LF	1-1/2" x 7-1/2" Custom Shaped Maple.....	38.96	1.60
06 46 36 00-0424	LF	1-1/2" x 8-1/2" Custom Shaped Maple.....	43.87	1.71
06 46 36 00-0425	LF	1-1/2" x 9-1/2" Custom Shaped Maple.....	47.59	1.71
06 46 36 00-0426	LF	1-1/2" x 10-1/2" Custom Shaped Maple.....	52.18	1.83
06 46 36 00-0427	LF	1-1/2" x 11-1/2" Custom Shaped Maple.....	56.43	1.83
06 46 36 00-0428	LF	2" x 1-1/2" Custom Shaped Maple.....	16.89	1.37
06 46 36 00-0429	LF	2" x 2-1/2" Custom Shaped Maple.....	23.25	1.37
06 46 36 00-0430	LF	2" x 3-1/2" Custom Shaped Maple.....	29.55	1.37
06 46 36 00-0431	LF	2" x 4-1/2" Custom Shaped Maple.....	36.01	1.49
06 46 36 00-0432	LF	2" x 5-1/2" Custom Shaped Maple.....	42.31	1.49
06 46 36 00-0433	LF	2" x 6-1/2" Custom Shaped Maple.....	48.89	1.60
06 46 36 00-0434	LF	2" x 7-1/2" Custom Shaped Maple.....	55.19	1.60
06 46 36 00-0435	LF	2" x 8-1/2" Custom Shaped Maple.....	61.66	1.71
06 46 36 00-0436	LF	2" x 9-1/2" Custom Shaped Maple.....	67.96	1.71
06 46 36 00-0437	LF	2" x 10-1/2" Custom Shaped Maple.....	74.32	1.83
06 46 36 00-0438	LF	2" x 11-1/2" Custom Shaped Maple.....	81.41	1.94
06 46 36 00-0439	LF	3-1/2" x 3-1/2" Custom Shaped Maple.....	65.01	1.49
06 46 36 00-0440	LF	3-1/2" x 4-1/2" Custom Shaped Maple.....	80.26	1.49
06 46 36 00-0441	LF	3-1/2" x 5-1/2" Custom Shaped Maple.....	95.40	1.60
06 46 36 00-0442	LF	3-1/2" x 6-1/2" Custom Shaped Maple.....	110.77	1.71
06 46 36 00-0443	LF	3-1/2" x 7-1/2" Custom Shaped Maple.....	125.91	1.71
06 46 36 00-0444	LF	3-1/2" x 8-1/2" Custom Shaped Maple.....	141.15	1.83
06 46 36 00-0445	LF	3-1/2" x 9-1/2" Custom Shaped Maple.....	156.29	1.83
06 46 36 00-0446	LF	3-1/2" x 10-1/2" Custom Shaped Maple.....	171.43	1.83
06 46 36 00-0447	LF	3-1/2" x 11-1/2" Custom Shaped Maple.....	186.80	1.94

06 46 36 00-0448 Appl Soft Maple (06 46 36)

06 46 36 00-0449	LF	3/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	7.68	1.26
06 46 36 00-0450	LF	3/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	9.62	1.26
06 46 36 00-0451	LF	3/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	11.58	1.26
06 46 36 00-0452	LF	3/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	13.52	1.37
06 46 36 00-0453	LF	3/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	15.61	1.37
06 46 36 00-0454	LF	3/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	17.68	1.49
06 46 36 00-0455	LF	3/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	19.62	1.49
06 46 36 00-0456	LF	3/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	21.59	1.49
06 46 36 00-0457	LF	3/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	23.49	1.60
06 46 36 00-0458	LF	3/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	25.59	1.71
06 46 36 00-0459	LF	3/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	27.59	1.71
06 46 36 00-0460	LF	1" x 1-1/2" Custom Shaped Appl Soft Maple.....	8.72	1.26
06 46 36 00-0461	LF	1" x 2-1/2" Custom Shaped Appl Soft Maple.....	11.12	1.26
06 46 36 00-0462	LF	1" x 3-1/2" Custom Shaped Appl Soft Maple.....	13.51	1.37
06 46 36 00-0463	LF	1" x 4-1/2" Custom Shaped Appl Soft Maple.....	15.85	1.37
06 46 36 00-0464	LF	1" x 5-1/2" Custom Shaped Appl Soft Maple.....	18.48	1.49
06 46 36 00-0465	LF	1" x 6-1/2" Custom Shaped Appl Soft Maple.....	21.00	1.49
06 46 36 00-0466	LF	1" x 7-1/2" Custom Shaped Appl Soft Maple.....	23.38	1.49
06 46 36 00-0467	LF	1" x 8-1/2" Custom Shaped Appl Soft Maple.....	25.79	1.60
06 46 36 00-0468	LF	1" x 9-1/2" Custom Shaped Appl Soft Maple.....	28.18	1.60
06 46 36 00-0469	LF	1" x 10-1/2" Custom Shaped Appl Soft Maple.....	30.74	1.71
06 46 36 00-0470	LF	1" x 11-1/2" Custom Shaped Appl Soft Maple.....	33.18	1.71
06 46 36 00-0471	LF	1-1/4" x 1-1/2" Custom Shaped Appl Soft Maple.....	9.72	1.26
06 46 36 00-0472	LF	1-1/4" x 2-1/2" Custom Shaped Appl Soft Maple.....	12.61	1.26
06 46 36 00-0473	LF	1-1/4" x 3-1/2" Custom Shaped Appl Soft Maple.....	15.45	1.37
06 46 36 00-0474	LF	1-1/4" x 4-1/2" Custom Shaped Appl Soft Maple.....	18.34	1.37
06 46 36 00-0475	LF	1-1/4" x 5-1/2" Custom Shaped Appl Soft Maple.....	21.29	1.49
06 46 36 00-0476	LF	1-1/4" x 6-1/2" Custom Shaped Appl Soft Maple.....	24.32	1.49
06 46 36 00-0477	LF	1-1/4" x 7-1/2" Custom Shaped Appl Soft Maple.....	27.13	1.60
06 46 36 00-0478	LF	1-1/4" x 8-1/2" Custom Shaped Appl Soft Maple.....	30.05	1.60
06 46 36 00-0479	LF	1-1/4" x 9-1/2" Custom Shaped Appl Soft Maple.....	32.83	1.60
06 46 36 00-0480	LF	1-1/4" x 10-1/2" Custom Shaped Appl Soft Maple.....	35.87	1.71
06 46 36 00-0481	LF	1-1/4" x 11-1/2" Custom Shaped Appl Soft Maple.....	38.76	1.83
06 46 36 00-0482	LF	1-1/2" x 1-1/2" Custom Shaped Appl Soft Maple.....	11.66	1.26
06 46 36 00-0483	LF	1-1/2" x 2-1/2" Custom Shaped Appl Soft Maple.....	15.44	1.37
06 46 36 00-0484	LF	1-1/2" x 3-1/2" Custom Shaped Appl Soft Maple.....	19.20	1.37
06 46 36 00-0485	LF	1-1/2" x 4-1/2" Custom Shaped Appl Soft Maple.....	22.98	1.49
06 46 36 00-0486	LF	1-1/2" x 5-1/2" Custom Shaped Appl Soft Maple.....	26.76	1.49
06 46 36 00-0487	LF	1-1/2" x 6-1/2" Custom Shaped Appl Soft Maple.....	30.78	1.60
06 46 36 00-0488	LF	1-1/2" x 7-1/2" Custom Shaped Appl Soft Maple.....	34.54	1.60
06 46 36 00-0489	LF	1-1/2" x 8-1/2" Custom Shaped Appl Soft Maple.....	38.35	1.71
06 46 36 00-0490	LF	1-1/2" x 9-1/2" Custom Shaped Appl Soft Maple.....	42.06	1.71
06 46 36 00-0491	LF	1-1/2" x 10-1/2" Custom Shaped Appl Soft Maple.....	45.99	1.83
06 46 36 00-0492	LF	1-1/2" x 11-1/2" Custom Shaped Appl Soft Maple.....	49.81	1.83

06 46 36 00-0493 Red Oak (06 46 36)

06 46 36 00-0494	LF	3/4" x 1-1/2" Custom Shaped Red Oak.....	8.23	1.26
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0495	LF	3/4"	x 2-1/2" Custom Shaped Red Oak	10.45	1.26
06 46 36 00-0496	LF	3/4"	x 3-1/2" Custom Shaped Red Oak	12.69	1.26
06 46 36 00-0497	LF	3/4"	x 4-1/2" Custom Shaped Red Oak	14.90	1.37
06 46 36 00-0498	LF	3/4"	x 5-1/2" Custom Shaped Red Oak	17.26	1.37
06 46 36 00-0499	LF	3/4"	x 6-1/2" Custom Shaped Red Oak	19.61	1.49
06 46 36 00-0500	LF	3/4"	x 7-1/2" Custom Shaped Red Oak	21.83	1.49
06 46 36 00-0501	LF	3/4"	x 8-1/2" Custom Shaped Red Oak	24.08	1.49
06 46 36 00-0502	LF	3/4"	x 9-1/2" Custom Shaped Red Oak	26.25	1.60
06 46 36 00-0503	LF	3/4"	x 10-1/2" Custom Shaped Red Oak	28.63	1.71
06 46 36 00-0504	LF	3/4"	x 11-1/2" Custom Shaped Red Oak	30.91	1.71
06 46 36 00-0505	LF	1"	x 1-1/2" Custom Shaped Red Oak	9.94	1.26
06 46 36 00-0506	LF	1"	x 2-1/2" Custom Shaped Red Oak	13.00	1.26
06 46 36 00-0507	LF	1"	x 3-1/2" Custom Shaped Red Oak	16.00	1.37
06 46 36 00-0508	LF	1"	x 4-1/2" Custom Shaped Red Oak	20.16	1.37
06 46 36 00-0509	LF	1"	x 5-1/2" Custom Shaped Red Oak	22.18	1.49
06 46 36 00-0510	LF	1"	x 6-1/2" Custom Shaped Red Oak	25.37	1.49
06 46 36 00-0511	LF	1"	x 7-1/2" Custom Shaped Red Oak	28.35	1.49
06 46 36 00-0512	LF	1"	x 8-1/2" Custom Shaped Red Oak	31.37	1.60
06 46 36 00-0513	LF	1"	x 9-1/2" Custom Shaped Red Oak	34.37	1.60
06 46 36 00-0514	LF	1"	x 10-1/2" Custom Shaped Red Oak	37.59	1.71
06 46 36 00-0515	LF	1"	x 11-1/2" Custom Shaped Red Oak	40.64	1.71
06 46 36 00-0516	LF	1-1/4"	x 1-1/2" Custom Shaped Red Oak	12.37	1.26
06 46 36 00-0517	LF	1-1/4"	x 2-1/2" Custom Shaped Red Oak	16.59	1.26
06 46 36 00-0518	LF	1-1/4"	x 3-1/2" Custom Shaped Red Oak	20.75	1.37
06 46 36 00-0519	LF	1-1/4"	x 4-1/2" Custom Shaped Red Oak	24.97	1.37
06 46 36 00-0520	LF	1-1/4"	x 5-1/2" Custom Shaped Red Oak	29.25	1.49
06 46 36 00-0521	LF	1-1/4"	x 6-1/2" Custom Shaped Red Oak	33.60	1.49
06 46 36 00-0522	LF	1-1/4"	x 7-1/2" Custom Shaped Red Oak	37.74	1.60
06 46 36 00-0523	LF	1-1/4"	x 8-1/2" Custom Shaped Red Oak	41.99	1.60
06 46 36 00-0524	LF	1-1/4"	x 9-1/2" Custom Shaped Red Oak	46.09	1.60
06 46 36 00-0525	LF	1-1/4"	x 10-1/2" Custom Shaped Red Oak	50.45	1.71
06 46 36 00-0526	LF	1-1/4"	x 11-1/2" Custom Shaped Red Oak	54.67	1.83
06 46 36 00-0527	LF	1-1/2"	x 1-1/2" Custom Shaped Red Oak	17.41	1.26
06 46 36 00-0528	LF	1-1/2"	x 2-1/2" Custom Shaped Red Oak	24.05	1.37
06 46 36 00-0529	LF	1-1/2"	x 3-1/2" Custom Shaped Red Oak	30.69	1.37
06 46 36 00-0530	LF	1-1/2"	x 4-1/2" Custom Shaped Red Oak	37.34	1.37
06 46 36 00-0531	LF	1-1/2"	x 5-1/2" Custom Shaped Red Oak	44.00	1.49
06 46 36 00-0532	LF	1-1/2"	x 6-1/2" Custom Shaped Red Oak	50.99	1.60
06 46 36 00-0533	LF	1-1/2"	x 7-1/2" Custom Shaped Red Oak	57.52	1.60
06 46 36 00-0534	LF	1-1/2"	x 8-1/2" Custom Shaped Red Oak	65.30	1.71
06 46 36 00-0535	LF	1-1/2"	x 9-1/2" Custom Shaped Red Oak	70.79	1.71
06 46 36 00-0536	LF	1-1/2"	x 10-1/2" Custom Shaped Red Oak	77.58	1.71
06 46 36 00-0537	LF	1-1/2"	x 11-1/2" Custom Shaped Red Oak	84.27	1.83
06 46 36 00-0538	LF	2"	x 1-1/2" Custom Shaped Red Oak	26.83	1.37
06 46 36 00-0539	LF	2"	x 2-1/2" Custom Shaped Red Oak	38.16	1.37
06 46 36 00-0540	LF	2"	x 3-1/2" Custom Shaped Red Oak	49.43	1.37
06 46 36 00-0541	LF	2"	x 4-1/2" Custom Shaped Red Oak	60.86	1.49
06 46 36 00-0542	LF	2"	x 5-1/2" Custom Shaped Red Oak	72.14	1.49
06 46 36 00-0543	LF	2"	x 6-1/2" Custom Shaped Red Oak	83.69	1.60
06 46 36 00-0544	LF	2"	x 7-1/2" Custom Shaped Red Oak	94.96	1.60
06 46 36 00-0545	LF	2"	x 8-1/2" Custom Shaped Red Oak	106.40	1.71
06 46 36 00-0546	LF	2"	x 9-1/2" Custom Shaped Red Oak	117.67	1.71
06 46 36 00-0547	LF	2"	x 10-1/2" Custom Shaped Red Oak	129.00	1.83
06 46 36 00-0548	LF	2"	x 11-1/2" Custom Shaped Red Oak	140.51	1.94
06 46 36 00-0549 White Oak <small>(06 46 36)</small>					
06 46 36 00-0550	LF	3/4"	x 1-1/2" Custom Shaped White Oak	8.34	1.26
06 46 36 00-0551	LF	3/4"	x 2-1/2" Custom Shaped White Oak	10.61	1.26
06 46 36 00-0552	LF	3/4"	x 3-1/2" Custom Shaped White Oak	12.91	1.26
06 46 36 00-0553	LF	3/4"	x 4-1/2" Custom Shaped White Oak	15.18	1.37
06 46 36 00-0554	LF	3/4"	x 5-1/2" Custom Shaped White Oak	17.59	1.37
06 46 36 00-0555	LF	3/4"	x 6-1/2" Custom Shaped White Oak	20.00	1.49
06 46 36 00-0556	LF	3/4"	x 7-1/2" Custom Shaped White Oak	22.27	1.49
06 46 36 00-0557	LF	3/4"	x 8-1/2" Custom Shaped White Oak	24.58	1.49
06 46 36 00-0558	LF	3/4"	x 9-1/2" Custom Shaped White Oak	26.80	1.60
06 46 36 00-0559	LF	3/4"	x 10-1/2" Custom Shaped White Oak	29.24	1.71
06 46 36 00-0560	LF	3/4"	x 11-1/2" Custom Shaped White Oak	31.57	1.71
06 46 36 00-0561	LF	1"	x 1-1/2" Custom Shaped White Oak	9.94	1.26
06 46 36 00-0562	LF	1"	x 2-1/2" Custom Shaped White Oak	13.00	1.26
06 46 36 00-0563	LF	1"	x 3-1/2" Custom Shaped White Oak	16.00	1.37
06 46 36 00-0564	LF	1"	x 4-1/2" Custom Shaped White Oak	20.16	1.37
06 46 36 00-0565	LF	1"	x 5-1/2" Custom Shaped White Oak	22.18	1.49
06 46 36 00-0566	LF	1"	x 6-1/2" Custom Shaped White Oak	25.37	1.49
06 46 36 00-0567	LF	1"	x 7-1/2" Custom Shaped White Oak	28.35	1.49
06 46 36 00-0568	LF	1"	x 8-1/2" Custom Shaped White Oak	31.37	1.60
06 46 36 00-0569	LF	1"	x 9-1/2" Custom Shaped White Oak	34.37	1.60
06 46 36 00-0570	LF	1"	x 10-1/2" Custom Shaped White Oak	37.59	1.71
06 46 36 00-0571	LF	1"	x 11-1/2" Custom Shaped White Oak	40.64	1.71
06 46 36 00-0572	LF	1-1/4"	x 1-1/2" Custom Shaped White Oak	12.54	1.26
06 46 36 00-0573	LF	1-1/4"	x 2-1/2" Custom Shaped White Oak	16.81	1.26
06 46 36 00-0574	LF	1-1/4"	x 3-1/2" Custom Shaped White Oak	21.08	1.37

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
06 46 36 00-0575	LF	1-1/4" x 4-1/2" Custom Shaped White Oak.....		25.35	1.37
06 46 36 00-0576	LF	1-1/4" x 5-1/2" Custom Shaped White Oak.....		29.75	1.49
06 46 36 00-0577	LF	1-1/4" x 6-1/2" Custom Shaped White Oak.....		34.15	1.49
06 46 36 00-0578	LF	1-1/4" x 7-1/2" Custom Shaped White Oak.....		38.40	1.60
06 46 36 00-0579	LF	1-1/4" x 8-1/2" Custom Shaped White Oak.....		42.70	1.60
06 46 36 00-0580	LF	1-1/4" x 9-1/2" Custom Shaped White Oak.....		46.92	1.60
06 46 36 00-0581	LF	1-1/4" x 10-1/2" Custom Shaped White Oak.....		51.34	1.71
06 46 36 00-0582	LF	1-1/4" x 11-1/2" Custom Shaped White Oak.....		55.66	1.83
06 46 36 00-0583	LF	1-1/2" x 1-1/2" Custom Shaped White Oak.....		20.72	1.26
06 46 36 00-0584	LF	1-1/2" x 2-1/2" Custom Shaped White Oak.....		29.02	1.37
06 46 36 00-0585	LF	1-1/2" x 3-1/2" Custom Shaped White Oak.....		37.32	1.37
06 46 36 00-0586	LF	1-1/2" x 4-1/2" Custom Shaped White Oak.....		45.62	1.49
06 46 36 00-0587	LF	1-1/2" x 5-1/2" Custom Shaped White Oak.....		53.94	1.49
06 46 36 00-0588	LF	1-1/2" x 6-1/2" Custom Shaped White Oak.....		62.48	1.60
06 46 36 00-0589	LF	1-1/2" x 7-1/2" Custom Shaped White Oak.....		70.78	1.60
06 46 36 00-0590	LF	1-1/2" x 8-1/2" Custom Shaped White Oak.....		79.11	1.71
06 46 36 00-0591	LF	1-1/2" x 9-1/2" Custom Shaped White Oak.....		86.25	1.71
06 46 36 00-0592	LF	1-1/2" x 10-1/2" Custom Shaped White Oak.....		95.81	1.83
06 46 36 00-0593	LF	1-1/2" x 11-1/2" Custom Shaped White Oak.....		104.16	1.83
06 46 36 00-0594 White Pine <small>(06 46 36)</small>					
06 46 36 00-0595	LF	3/4" x 1-1/2" Custom Shaped White Pine.....		9.33	1.26
06 46 36 00-0596	LF	3/4" x 2-1/2" Custom Shaped White Pine.....		12.10	1.26
06 46 36 00-0597	LF	3/4" x 3-1/2" Custom Shaped White Pine.....		14.89	1.26
06 46 36 00-0598	LF	3/4" x 4-1/2" Custom Shaped White Pine.....		17.67	1.37
06 46 36 00-0599	LF	3/4" x 5-1/2" Custom Shaped White Pine.....		20.58	1.37
06 46 36 00-0600	LF	3/4" x 6-1/2" Custom Shaped White Pine.....		23.48	1.49
06 46 36 00-0601	LF	3/4" x 7-1/2" Custom Shaped White Pine.....		26.25	1.49
06 46 36 00-0602	LF	3/4" x 8-1/2" Custom Shaped White Pine.....		29.05	1.49
06 46 36 00-0603	LF	3/4" x 9-1/2" Custom Shaped White Pine.....		33.43	1.60
06 46 36 00-0604	LF	3/4" x 10-1/2" Custom Shaped White Pine.....		36.53	1.71
06 46 36 00-0605	LF	1" x 1-1/2" Custom Shaped White Pine.....		10.49	1.26
06 46 36 00-0606	LF	1" x 2-1/2" Custom Shaped White Pine.....		13.83	1.26
06 46 36 00-0607	LF	1" x 3-1/2" Custom Shaped White Pine.....		17.10	1.37
06 46 36 00-0608	LF	1" x 4-1/2" Custom Shaped White Pine.....		20.44	1.37
06 46 36 00-0609	LF	1" x 5-1/2" Custom Shaped White Pine.....		23.84	1.49
06 46 36 00-0610	LF	1" x 6-1/2" Custom Shaped White Pine.....		27.30	1.49
06 46 36 00-0611	LF	1" x 7-1/2" Custom Shaped White Pine.....		30.56	1.49
06 46 36 00-0612	LF	1" x 8-1/2" Custom Shaped White Pine.....		33.91	1.60
06 46 36 00-0613	LF	1" x 9-1/2" Custom Shaped White Pine.....		37.13	1.60
06 46 36 00-0614	LF	1" x 10-1/2" Custom Shaped White Pine.....		40.62	1.71
06 46 36 00-0615	LF	1" x 11-1/2" Custom Shaped White Pine.....		43.95	1.71
06 46 36 00-0616	LF	1-1/4" x 1-1/2" Custom Shaped White Pine.....		11.87	1.26
06 46 36 00-0617	LF	1-1/4" x 2-1/2" Custom Shaped White Pine.....		15.81	1.26
06 46 36 00-0618	LF	1-1/4" x 3-1/2" Custom Shaped White Pine.....		19.87	1.37
06 46 36 00-0619	LF	1-1/4" x 4-1/2" Custom Shaped White Pine.....		23.70	1.37
06 46 36 00-0620	LF	1-1/4" x 5-1/2" Custom Shaped White Pine.....		27.76	1.49
06 46 36 00-0621	LF	1-1/4" x 6-1/2" Custom Shaped White Pine.....		31.83	1.49
06 46 36 00-0622	LF	1-1/4" x 7-1/2" Custom Shaped White Pine.....		35.75	1.60
06 46 36 00-0623	LF	1-1/4" x 8-1/2" Custom Shaped White Pine.....		39.72	1.60
06 46 36 00-0624	LF	1-1/4" x 9-1/2" Custom Shaped White Pine.....		43.60	1.60
06 46 36 00-0625	LF	1-1/4" x 10-1/2" Custom Shaped White Pine.....		47.69	1.71
06 46 36 00-0626	LF	1-1/4" x 11-1/2" Custom Shaped White Pine.....		51.68	1.83
06 46 36 00-0627	LF	1-1/2" x 1-1/2" Custom Shaped White Pine.....		14.97	1.26
06 46 36 00-0628	LF	1-1/2" x 2-1/2" Custom Shaped White Pine.....		20.41	1.37
06 46 36 00-0629	LF	1-1/2" x 3-1/2" Custom Shaped White Pine.....		25.83	1.37
06 46 36 00-0630	LF	1-1/2" x 4-1/2" Custom Shaped White Pine.....		31.26	1.49
06 46 36 00-0631	LF	1-1/2" x 5-1/2" Custom Shaped White Pine.....		36.71	1.49
06 46 36 00-0632	LF	1-1/2" x 6-1/2" Custom Shaped White Pine.....		42.38	1.60
06 46 36 00-0633	LF	1-1/2" x 7-1/2" Custom Shaped White Pine.....		47.80	1.60
06 46 36 00-0634	LF	1-1/2" x 8-1/2" Custom Shaped White Pine.....		53.26	1.71
06 46 36 00-0635	LF	1-1/2" x 9-1/2" Custom Shaped White Pine.....		59.74	1.71
06 46 36 00-0636	LF	1-1/2" x 10-1/2" Custom Shaped White Pine.....		64.22	1.83
06 46 36 00-0637	LF	1-1/2" x 11-1/2" Custom Shaped White Pine.....		69.69	1.83
06 46 36 00-0638	LF	2" x 1-1/2" Custom Shaped White Pine.....		23.24	1.37
06 46 36 00-0639	LF	2" x 2-1/2" Custom Shaped White Pine.....		32.75	1.37
06 46 36 00-0640	LF	2" x 3-1/2" Custom Shaped White Pine.....		42.25	1.37
06 46 36 00-0641	LF	2" x 4-1/2" Custom Shaped White Pine.....		51.86	1.49
06 46 36 00-0642	LF	2" x 5-1/2" Custom Shaped White Pine.....		61.37	1.49
06 46 36 00-0643	LF	2" x 6-1/2" Custom Shaped White Pine.....		71.10	1.60
06 46 36 00-0644	LF	2" x 7-1/2" Custom Shaped White Pine.....		80.60	1.60
06 46 36 00-0645	LF	2" x 8-1/2" Custom Shaped White Pine.....		90.22	1.71
06 46 36 00-0646	LF	2" x 9-1/2" Custom Shaped White Pine.....		99.72	1.71
06 46 36 00-0647	LF	2" x 10-1/2" Custom Shaped White Pine.....		109.23	1.83
06 46 36 00-0648	LF	2" x 11-1/2" Custom Shaped White Pine.....		118.97	1.94
06 46 36 00-0649	LF	2-1/2" x 1-1/2" Custom Shaped White Pine.....		27.77	1.37
06 46 36 00-0650	LF	2-1/2" x 2-1/2" Custom Shaped White Pine.....		39.49	1.37
06 46 36 00-0651	LF	2-1/2" x 3-1/2" Custom Shaped White Pine.....		51.20	1.49
06 46 36 00-0652	LF	2-1/2" x 4-1/2" Custom Shaped White Pine.....		63.02	1.49
06 46 36 00-0653	LF	2-1/2" x 5-1/2" Custom Shaped White Pine.....		74.74	1.49
06 46 36 00-0654	LF	2-1/2" x 6-1/2" Custom Shaped White Pine.....		86.67	1.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0655	LF		2-1/2" x 7-1/2" Custom Shaped White Pine	98.39	1.71
06 46 36 00-0656	LF		2-1/2" x 8-1/2" Custom Shaped White Pine	110.22	1.71
06 46 36 00-0657	LF		2-1/2" x 9-1/2" Custom Shaped White Pine	121.93	1.83
06 46 36 00-0658	LF		2-1/2" x 10-1/2" Custom Shaped White Pine	133.65	1.83
06 46 36 00-0659	LF		2-1/2" x 11-1/2" Custom Shaped White Pine	145.59	1.94
06 46 36 00-0660	LF		3-1/2" x 3-1/2" Custom Shaped White Pine	71.20	1.49
06 46 36 00-0661	LF		3-1/2" x 4-1/2" Custom Shaped White Pine	87.99	1.49
06 46 36 00-0662	LF		3-1/2" x 5-1/2" Custom Shaped White Pine	104.68	1.60
06 46 36 00-0663	LF		3-1/2" x 6-1/2" Custom Shaped White Pine	121.59	1.71
06 46 36 00-0664	LF		3-1/2" x 7-1/2" Custom Shaped White Pine	138.28	1.71
06 46 36 00-0665	LF		3-1/2" x 8-1/2" Custom Shaped White Pine	155.07	1.83
06 46 36 00-0666	LF		3-1/2" x 9-1/2" Custom Shaped White Pine	171.75	1.83
06 46 36 00-0667	LF		3-1/2" x 10-1/2" Custom Shaped White Pine	188.44	1.83
06 46 36 00-0668	LF		3-1/2" x 11-1/2" Custom Shaped White Pine	205.36	1.94
06 46 36 00-0669 Clear Yellow Pine (06 46 36)					
06 46 36 00-0670	LF		3/4" x 1-1/2" Custom Shaped "C" Y Pine	6.24	1.26
06 46 36 00-0671	LF		3/4" x 2-1/2" Custom Shaped "C" Y Pine	7.46	1.26
06 46 36 00-0672	LF		3/4" x 3-1/2" Custom Shaped "C" Y Pine	8.71	1.26
06 46 36 00-0673	LF		3/4" x 4-1/2" Custom Shaped "C" Y Pine	9.93	1.37
06 46 36 00-0674	LF		3/4" x 5-1/2" Custom Shaped "C" Y Pine	11.30	1.37
06 46 36 00-0675	LF		3/4" x 6-1/2" Custom Shaped "C" Y Pine	12.65	1.49
06 46 36 00-0676	LF		3/4" x 7-1/2" Custom Shaped "C" Y Pine	13.88	1.49
06 46 36 00-0677	LF		3/4" x 8-1/2" Custom Shaped "C" Y Pine	15.13	1.49
06 46 36 00-0678	LF		1" x 1-1/2" Custom Shaped "C" Y Pine	7.18	1.26
06 46 36 00-0679	LF		1" x 2-1/2" Custom Shaped "C" Y Pine	8.85	1.26
06 46 36 00-0680	LF		1" x 3-1/2" Custom Shaped "C" Y Pine	10.48	1.37
06 46 36 00-0681	LF		1" x 4-1/2" Custom Shaped "C" Y Pine	12.15	1.37
06 46 36 00-0682	LF		1" x 5-1/2" Custom Shaped "C" Y Pine	13.89	1.49
06 46 36 00-0683	LF		1" x 6-1/2" Custom Shaped "C" Y Pine	15.70	1.49
06 46 36 00-0684	LF		1" x 7-1/2" Custom Shaped "C" Y Pine	17.85	1.49
06 46 36 00-0685	LF		1" x 8-1/2" Custom Shaped "C" Y Pine	19.61	1.60
06 46 36 00-0686	LF		1-1/2" x 1-1/2" Custom Shaped "C" Y Pine	8.35	1.26
06 46 36 00-0687	LF		1-1/2" x 2-1/2" Custom Shaped "C" Y Pine	10.47	1.37
06 46 36 00-0688	LF		1-1/2" x 3-1/2" Custom Shaped "C" Y Pine	12.57	1.37
06 46 36 00-0689	LF		1-1/2" x 4-1/2" Custom Shaped "C" Y Pine	14.69	1.49
06 46 36 00-0690	LF		1-1/2" x 5-1/2" Custom Shaped "C" Y Pine	16.82	1.49
06 46 36 00-0691	LF		1-1/2" x 6-1/2" Custom Shaped "C" Y Pine	19.18	1.60
06 46 36 00-0692	LF		1-1/2" x 7-1/2" Custom Shaped "C" Y Pine	21.29	1.60
06 46 36 00-0693	LF		1-1/2" x 8-1/2" Custom Shaped "C" Y Pine	23.44	1.71
06 46 36 00-0694	LF		1-1/2" x 9-1/2" Custom Shaped "C" Y Pine	27.15	1.71
06 46 36 00-0695	LF		1-1/2" x 10-1/2" Custom Shaped "C" Y Pine	27.98	1.83
06 46 36 00-0696 Poplar (06 46 36)					
06 46 36 00-0697	LF		3/4" x 1-1/2" Custom Shaped Poplar	6.57	1.26
06 46 36 00-0698	LF		3/4" x 2-1/2" Custom Shaped Poplar	7.96	1.26
06 46 36 00-0699	LF		3/4" x 3-1/2" Custom Shaped Poplar	9.37	1.26
06 46 36 00-0700	LF		3/4" x 4-1/2" Custom Shaped Poplar	10.76	1.37
06 46 36 00-0701	LF		3/4" x 5-1/2" Custom Shaped Poplar	12.29	1.37
06 46 36 00-0702	LF		3/4" x 6-1/2" Custom Shaped Poplar	13.81	1.49
06 46 36 00-0703	LF		3/4" x 7-1/2" Custom Shaped Poplar	15.20	1.49
06 46 36 00-0704	LF		3/4" x 8-1/2" Custom Shaped Poplar	16.62	1.49
06 46 36 00-0705	LF		3/4" x 9-1/2" Custom Shaped Poplar	17.96	1.60
06 46 36 00-0706	LF		3/4" x 10-1/2" Custom Shaped Poplar	19.51	1.71
06 46 36 00-0707	LF		3/4" x 11-1/2" Custom Shaped Poplar	21.08	1.71
06 46 36 00-0708	LF		1" x 1-1/2" Custom Shaped Poplar	7.62	1.26
06 46 36 00-0709	LF		1" x 2-1/2" Custom Shaped Poplar	9.46	1.26
06 46 36 00-0710	LF		1" x 3-1/2" Custom Shaped Poplar	11.30	1.37
06 46 36 00-0711	LF		1" x 4-1/2" Custom Shaped Poplar	13.15	1.37
06 46 36 00-0712	LF		1" x 5-1/2" Custom Shaped Poplar	15.16	1.49
06 46 36 00-0713	LF		1" x 6-1/2" Custom Shaped Poplar	17.14	1.49
06 46 36 00-0714	LF		1" x 7-1/2" Custom Shaped Poplar	18.96	1.49
06 46 36 00-0715	LF		1" x 8-1/2" Custom Shaped Poplar	20.82	1.60
06 46 36 00-0716	LF		1" x 9-1/2" Custom Shaped Poplar	22.66	1.60
06 46 36 00-0717	LF		1" x 10-1/2" Custom Shaped Poplar	24.66	1.71
06 46 36 00-0718	LF		1" x 11-1/2" Custom Shaped Poplar	26.55	1.71
06 46 36 00-0719	LF		1-1/4" x 1-1/2" Custom Shaped Poplar	8.56	1.26
06 46 36 00-0720	LF		1-1/4" x 2-1/2" Custom Shaped Poplar	10.84	1.26
06 46 36 00-0721	LF		1-1/4" x 3-1/2" Custom Shaped Poplar	13.13	1.37
06 46 36 00-0722	LF		1-1/4" x 4-1/2" Custom Shaped Poplar	15.41	1.37
06 46 36 00-0723	LF		1-1/4" x 5-1/2" Custom Shaped Poplar	17.81	1.49
06 46 36 00-0724	LF		1-1/4" x 6-1/2" Custom Shaped Poplar	20.23	1.49
06 46 36 00-0725	LF		1-1/4" x 7-1/2" Custom Shaped Poplar	22.49	1.60
06 46 36 00-0726	LF		1-1/4" x 8-1/2" Custom Shaped Poplar	24.81	1.60
06 46 36 00-0727	LF		1-1/4" x 9-1/2" Custom Shaped Poplar	27.03	1.60
06 46 36 00-0728	LF		1-1/4" x 10-1/2" Custom Shaped Poplar	29.47	1.71
06 46 36 00-0729	LF		1-1/4" x 11-1/2" Custom Shaped Poplar	31.80	1.83
06 46 36 00-0730	LF		1-1/2" x 1-1/2" Custom Shaped Poplar	10.78	1.26
06 46 36 00-0731	LF		1-1/2" x 2-1/2" Custom Shaped Poplar	14.11	1.37
06 46 36 00-0732	LF		1-1/2" x 3-1/2" Custom Shaped Poplar	17.43	1.37

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

06 46 36 00-0733	LF	1-1/2" x 4-1/2" Custom Shaped Poplar	20.77	1.49
06 46 36 00-0734	LF	1-1/2" x 5-1/2" Custom Shaped Poplar	24.11	1.49
06 46 36 00-0735	LF	1-1/2" x 6-1/2" Custom Shaped Poplar	27.69	1.60
06 46 36 00-0736	LF	1-1/2" x 7-1/2" Custom Shaped Poplar	31.01	1.60
06 46 36 00-0737	LF	1-1/2" x 8-1/2" Custom Shaped Poplar	34.37	1.71
06 46 36 00-0738	LF	1-1/2" x 9-1/2" Custom Shaped Poplar	37.65	1.71
06 46 36 00-0739	LF	1-1/2" x 10-1/2" Custom Shaped Poplar	41.13	1.83
06 46 36 00-0740	LF	1-1/2" x 11-1/2" Custom Shaped Poplar	44.50	1.83
06 46 36 00-0741	LF	2" x 1-1/2" Custom Shaped Poplar	14.13	1.37
06 46 36 00-0742	LF	2" x 2-1/2" Custom Shaped Poplar	19.11	1.37
06 46 36 00-0743	LF	2" x 3-1/2" Custom Shaped Poplar	24.02	1.37
06 46 36 00-0744	LF	2" x 4-1/2" Custom Shaped Poplar	29.10	1.49
06 46 36 00-0745	LF	2" x 5-1/2" Custom Shaped Poplar	34.03	1.49
06 46 36 00-0746	LF	2" x 6-1/2" Custom Shaped Poplar	39.23	1.60
06 46 36 00-0747	LF	2" x 7-1/2" Custom Shaped Poplar	44.14	1.60
06 46 36 00-0748	LF	2" x 8-1/2" Custom Shaped Poplar	49.23	1.71
06 46 36 00-0749	LF	2" x 9-1/2" Custom Shaped Poplar	54.15	1.71
06 46 36 00-0750	LF	2" x 10-1/2" Custom Shaped Poplar	59.13	1.83
06 46 36 00-0751	LF	2" x 11-1/2" Custom Shaped Poplar	64.29	1.94
06 46 36 00-0752	LF	2-1/2" x 1-1/2" Custom Shaped Poplar	17.49	1.37
06 46 36 00-0753	LF	2-1/2" x 2-1/2" Custom Shaped Poplar	24.08	1.37
06 46 36 00-0754	LF	2-1/2" x 3-1/2" Custom Shaped Poplar	30.65	1.49
06 46 36 00-0755	LF	2-1/2" x 4-1/2" Custom Shaped Poplar	37.33	1.49
06 46 36 00-0756	LF	2-1/2" x 5-1/2" Custom Shaped Poplar	43.91	1.49
06 46 36 00-0757	LF	2-1/2" x 6-1/2" Custom Shaped Poplar	50.72	1.60
06 46 36 00-0758	LF	2-1/2" x 7-1/2" Custom Shaped Poplar	57.30	1.71
06 46 36 00-0759	LF	2-1/2" x 8-1/2" Custom Shaped Poplar	63.99	1.71
06 46 36 00-0760	LF	2-1/2" x 9-1/2" Custom Shaped Poplar	70.56	1.83
06 46 36 00-0761	LF	2-1/2" x 10-1/2" Custom Shaped Poplar	77.15	1.83
06 46 36 00-0762	LF	2-1/2" x 11-1/2" Custom Shaped Poplar	83.95	1.94
06 46 36 00-0763	LF	3-1/2" x 3-1/2" Custom Shaped Poplar	42.04	1.49
06 46 36 00-0764	LF	3-1/2" x 4-1/2" Custom Shaped Poplar	51.54	1.49
06 46 36 00-0765	LF	3-1/2" x 5-1/2" Custom Shaped Poplar	60.94	1.60
06 46 36 00-0766	LF	3-1/2" x 6-1/2" Custom Shaped Poplar	70.67	1.71
06 46 36 00-0767	LF	3-1/2" x 7-1/2" Custom Shaped Poplar	79.95	1.71
06 46 36 00-0768	LF	3-1/2" x 8-1/2" Custom Shaped Poplar	89.45	1.83
06 46 36 00-0769	LF	3-1/2" x 9-1/2" Custom Shaped Poplar	98.84	1.83
06 46 36 00-0770	LF	3-1/2" x 10-1/2" Custom Shaped Poplar	108.24	1.83
06 46 36 00-0771	LF	3-1/2" x 11-1/2" Custom Shaped Poplar	117.87	1.94

06 46 36 00-0772 Clear Heart Redwood (06 46 36)

06 46 36 00-0773	LF	3/4" x 1-1/2" Custom Shaped Clear Heart Redwood	8.12	1.26
06 46 36 00-0774	LF	3/4" x 2-1/2" Custom Shaped Clear Heart Redwood	10.28	1.26
06 46 36 00-0775	LF	3/4" x 3-1/2" Custom Shaped Clear Heart Redwood	12.46	1.26
06 46 36 00-0776	LF	3/4" x 4-1/2" Custom Shaped Clear Heart Redwood	14.63	1.37
06 46 36 00-0777	LF	3/4" x 5-1/2" Custom Shaped Clear Heart Redwood	16.93	1.37
06 46 36 00-0778	LF	3/4" x 6-1/2" Custom Shaped Clear Heart Redwood	19.23	1.49
06 46 36 00-0779	LF	3/4" x 7-1/2" Custom Shaped Clear Heart Redwood	23.60	1.49
06 46 36 00-0780	LF	3/4" x 8-1/2" Custom Shaped Clear Heart Redwood	26.07	1.49
06 46 36 00-0781	LF	3/4" x 9-1/2" Custom Shaped Clear Heart Redwood	26.19	1.60
06 46 36 00-0782	LF	3/4" x 10-1/2" Custom Shaped Clear Heart Redwood	28.02	1.71
06 46 36 00-0783	LF	1" x 1-1/2" Custom Shaped Clear Heart Redwood	9.83	1.26
06 46 36 00-0784	LF	1" x 2-1/2" Custom Shaped Clear Heart Redwood	12.78	1.26
06 46 36 00-0785	LF	1" x 3-1/2" Custom Shaped Clear Heart Redwood	15.72	1.37
06 46 36 00-0786	LF	1" x 4-1/2" Custom Shaped Clear Heart Redwood	18.67	1.37
06 46 36 00-0787	LF	1" x 5-1/2" Custom Shaped Clear Heart Redwood	21.79	1.49
06 46 36 00-0788	LF	1" x 6-1/2" Custom Shaped Clear Heart Redwood	24.87	1.49
06 46 36 00-0789	LF	1" x 7-1/2" Custom Shaped Clear Heart Redwood	31.66	1.49
06 46 36 00-0790	LF	1" x 8-1/2" Custom Shaped Clear Heart Redwood	35.13	1.60
06 46 36 00-0791	LF	1" x 9-1/2" Custom Shaped Clear Heart Redwood	38.51	1.60
06 46 36 00-0792	LF	1" x 10-1/2" Custom Shaped Clear Heart Redwood	42.11	1.71
06 46 36 00-0793	LF	1-1/2" x 1-1/2" Custom Shaped Clear Heart Redwood	12.99	1.26
06 46 36 00-0794	LF	1-1/2" x 2-1/2" Custom Shaped Clear Heart Redwood	17.42	1.37
06 46 36 00-0795	LF	1-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	21.85	1.37
06 46 36 00-0796	LF	1-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	26.29	1.49
06 46 36 00-0797	LF	1-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	30.74	1.49
06 46 36 00-0798	LF	1-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	35.53	1.60
06 46 36 00-0799	LF	1-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	47.80	1.60
06 46 36 00-0800	LF	1-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	53.26	1.71
06 46 36 00-0801	LF	1-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	63.05	1.71
06 46 36 00-0802	LF	1-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	69.08	1.83
06 46 36 00-0803	LF	3-1/2" x 3-1/2" Custom Shaped Clear Heart Redwood	66.78	1.49
06 46 36 00-0804	LF	3-1/2" x 4-1/2" Custom Shaped Clear Heart Redwood	82.47	1.49
06 46 36 00-0805	LF	3-1/2" x 5-1/2" Custom Shaped Clear Heart Redwood	98.05	1.60
06 46 36 00-0806	LF	3-1/2" x 6-1/2" Custom Shaped Clear Heart Redwood	113.86	1.71
06 46 36 00-0807	LF	3-1/2" x 7-1/2" Custom Shaped Clear Heart Redwood	129.44	1.71
06 46 36 00-0808	LF	3-1/2" x 8-1/2" Custom Shaped Clear Heart Redwood	145.13	1.83
06 46 36 00-0809	LF	3-1/2" x 9-1/2" Custom Shaped Clear Heart Redwood	160.71	1.83
06 46 36 00-0810	LF	3-1/2" x 10-1/2" Custom Shaped Clear Heart Redwood	176.29	1.83
06 46 36 00-0811	LF	3-1/2" x 11-1/2" Custom Shaped Clear Heart Redwood	192.11	1.94

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
06 46 36 00-0812 Teak <small>(06 46 36)</small>				
06 46 36 00-0813	LF	3/4" x 1-1/2" Custom Shaped Teak.....	22.92	1.26
06 46 36 00-0814	LF	3/4" x 2-1/2" Custom Shaped Teak.....	32.49	1.26
06 46 36 00-0815	LF	3/4" x 3-1/2" Custom Shaped Teak.....	42.07	1.26
06 46 36 00-0816	LF	3/4" x 4-1/2" Custom Shaped Teak.....	51.64	1.37
06 46 36 00-0817	LF	3/4" x 5-1/2" Custom Shaped Teak.....	61.34	1.37
06 46 36 00-0818	LF	3/4" x 6-1/2" Custom Shaped Teak.....	71.04	1.49
06 46 36 00-0819	LF	3/4" x 7-1/2" Custom Shaped Teak.....	80.60	1.49
06 46 36 00-0820	LF	3/4" x 8-1/2" Custom Shaped Teak.....	90.20	1.49
06 46 36 00-0821	LF	3/4" x 9-1/2" Custom Shaped Teak.....	99.71	1.60
06 46 36 00-0822	LF	3/4" x 10-1/2" Custom Shaped Teak.....	109.44	1.71
06 46 36 00-0823	LF	3/4" x 11-1/2" Custom Shaped Teak.....	119.06	1.71
06 46 36 00-0824	LF	1-1/2" x 1-1/2" Custom Shaped Teak.....	53.20	1.26
06 46 36 00-0825	LF	1-1/2" x 2-1/2" Custom Shaped Teak.....	61.17	1.37
06 46 36 00-0826	LF	1-1/2" x 3-1/2" Custom Shaped Teak.....	80.18	1.37
06 46 36 00-0827	LF	1-1/2" x 4-1/2" Custom Shaped Teak.....	99.20	1.49
06 46 36 00-0828	LF	1-1/2" x 5-1/2" Custom Shaped Teak.....	118.23	1.49
06 46 36 00-0829	LF	1-1/2" x 6-1/2" Custom Shaped Teak.....	136.94	1.60
06 46 36 00-0830	LF	1-1/2" x 7-1/2" Custom Shaped Teak.....	156.50	1.60
06 46 36 00-0831	LF	1-1/2" x 8-1/2" Custom Shaped Teak.....	175.55	1.71
06 46 36 00-0832	LF	1-1/2" x 9-1/2" Custom Shaped Teak.....	194.51	1.71
06 46 36 00-0833	LF	1-1/2" x 10-1/2" Custom Shaped Teak.....	213.68	1.83
06 46 36 00-0834	LF	1-1/2" x 11-1/2" Custom Shaped Teak.....	232.74	1.83
06 46 36 00-0835 Walnut <small>(06 46 36)</small>				
06 46 36 00-0836	LF	3/4" x 1-1/2" Custom Shaped Walnut.....	12.43	1.26
06 46 36 00-0837	LF	3/4" x 2-1/2" Custom Shaped Walnut.....	16.74	1.26
06 46 36 00-0838	LF	3/4" x 3-1/2" Custom Shaped Walnut.....	21.08	1.26
06 46 36 00-0839	LF	3/4" x 4-1/2" Custom Shaped Walnut.....	25.40	1.37
06 46 36 00-0840	LF	3/4" x 5-1/2" Custom Shaped Walnut.....	29.86	1.37
06 46 36 00-0841	LF	3/4" x 6-1/2" Custom Shaped Walnut.....	34.30	1.49
06 46 36 00-0842	LF	3/4" x 7-1/2" Custom Shaped Walnut.....	38.62	1.49
06 46 36 00-0843	LF	3/4" x 8-1/2" Custom Shaped Walnut.....	42.97	1.49
06 46 36 00-0844	LF	3/4" x 9-1/2" Custom Shaped Walnut.....	47.24	1.60
06 46 36 00-0845	LF	3/4" x 10-1/2" Custom Shaped Walnut.....	51.72	1.71
06 46 36 00-0846	LF	3/4" x 11-1/2" Custom Shaped Walnut.....	56.09	1.71
06 46 36 00-0847	LF	1" x 1-1/2" Custom Shaped Walnut.....	14.91	1.26
06 46 36 00-0848	LF	1" x 2-1/2" Custom Shaped Walnut.....	20.45	1.26
06 46 36 00-0849	LF	1" x 3-1/2" Custom Shaped Walnut.....	25.94	1.37
06 46 36 00-0850	LF	1" x 4-1/2" Custom Shaped Walnut.....	31.48	1.37
06 46 36 00-0851	LF	1" x 5-1/2" Custom Shaped Walnut.....	37.09	1.49
06 46 36 00-0852	LF	1" x 6-1/2" Custom Shaped Walnut.....	42.76	1.49
06 46 36 00-0853	LF	1" x 7-1/2" Custom Shaped Walnut.....	48.23	1.49
06 46 36 00-0854	LF	1" x 8-1/2" Custom Shaped Walnut.....	53.80	1.60
06 46 36 00-0855	LF	1" x 9-1/2" Custom Shaped Walnut.....	59.22	1.60
06 46 36 00-0856	LF	1" x 10-1/2" Custom Shaped Walnut.....	64.93	1.71
06 46 36 00-0857	LF	1" x 11-1/2" Custom Shaped Walnut.....	70.46	1.71
06 46 36 00-0858	LF	1-1/4" x 1-1/2" Custom Shaped Walnut.....	18.33	1.26
06 46 36 00-0859	LF	1-1/4" x 2-1/2" Custom Shaped Walnut.....	25.53	1.26
06 46 36 00-0860	LF	1-1/4" x 3-1/2" Custom Shaped Walnut.....	32.68	1.37
06 46 36 00-0861	LF	1-1/4" x 4-1/2" Custom Shaped Walnut.....	39.88	1.37
06 46 36 00-0862	LF	1-1/4" x 5-1/2" Custom Shaped Walnut.....	47.14	1.49
06 46 36 00-0863	LF	1-1/4" x 6-1/2" Custom Shaped Walnut.....	54.47	1.49
06 46 36 00-0864	LF	1-1/4" x 7-1/2" Custom Shaped Walnut.....	61.60	1.60
06 46 36 00-0865	LF	1-1/4" x 8-1/2" Custom Shaped Walnut.....	68.83	1.60
06 46 36 00-0866	LF	1-1/4" x 9-1/2" Custom Shaped Walnut.....	75.91	1.60
06 46 36 00-0867	LF	1-1/4" x 10-1/2" Custom Shaped Walnut.....	83.26	1.71
06 46 36 00-0868	LF	1-1/4" x 11-1/2" Custom Shaped Walnut.....	90.46	1.83
06 46 36 00-0869	LF	1-1/2" x 1-1/2" Custom Shaped Walnut.....	24.92	1.26
06 46 36 00-0870	LF	1-1/2" x 2-1/2" Custom Shaped Walnut.....	35.32	1.37
06 46 36 00-0871	LF	1-1/2" x 3-1/2" Custom Shaped Walnut.....	45.71	1.37
06 46 36 00-0872	LF	1-1/2" x 4-1/2" Custom Shaped Walnut.....	56.12	1.49
06 46 36 00-0873	LF	1-1/2" x 5-1/2" Custom Shaped Walnut.....	66.53	1.49
06 46 36 00-0874	LF	1-1/2" x 6-1/2" Custom Shaped Walnut.....	77.18	1.60
06 46 36 00-0875	LF	1-1/2" x 7-1/2" Custom Shaped Walnut.....	87.57	1.60
06 46 36 00-0876	LF	1-1/2" x 8-1/2" Custom Shaped Walnut.....	98.00	1.71
06 46 36 00-0877	LF	1-1/2" x 9-1/2" Custom Shaped Walnut.....	109.45	1.71
06 46 36 00-0878	LF	1-1/2" x 10-1/2" Custom Shaped Walnut.....	118.90	1.83
06 46 36 00-0879	LF	1-1/2" x 11-1/2" Custom Shaped Walnut.....	129.34	1.83
06 46 36 00-0880	LF	2" x 1-1/2" Custom Shaped Walnut.....	42.02	1.37
06 46 36 00-0881	LF	2" x 2-1/2" Custom Shaped Walnut.....	60.92	1.37
06 46 36 00-0882	LF	2" x 3-1/2" Custom Shaped Walnut.....	79.81	1.37
06 46 36 00-0883	LF	2" x 4-1/2" Custom Shaped Walnut.....	98.81	1.49
06 46 36 00-0884	LF	2" x 5-1/2" Custom Shaped Walnut.....	117.71	1.49
06 46 36 00-0885	LF	2" x 6-1/2" Custom Shaped Walnut.....	136.83	1.60
06 46 36 00-0886	LF	2" x 7-1/2" Custom Shaped Walnut.....	155.72	1.60
06 46 36 00-0887	LF	2" x 8-1/2" Custom Shaped Walnut.....	174.73	1.71
06 46 36 00-0888	LF	2" x 9-1/2" Custom Shaped Walnut.....	193.62	1.71
06 46 36 00-0889	LF	2" x 10-1/2" Custom Shaped Walnut.....	212.52	1.83
06 46 36 00-0890	LF	2" x 11-1/2" Custom Shaped Walnut.....	231.65	1.94
06 46 36 00-0891	LF	2-1/2" x 1-1/2" Custom Shaped Walnut.....	52.62	1.37

06 Wood, Plastics, and Composites**06 40 Architectural Woodwork****06 46 Wood Trim**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 46 36 00-0892	LF		2-1/2" x 2-1/2" Custom Shaped Walnut	76.77	1.37
06 46 36 00-0893	LF		2-1/2" x 3-1/2" Custom Shaped Walnut	100.91	1.49
06 46 36 00-0894	LF		2-1/2" x 4-1/2" Custom Shaped Walnut	125.15	1.49
06 46 36 00-0895	LF		2-1/2" x 5-1/2" Custom Shaped Walnut	149.30	1.49
06 46 36 00-0896	LF		2-1/2" x 6-1/2" Custom Shaped Walnut	173.67	1.60
06 46 36 00-0897	LF		2-1/2" x 7-1/2" Custom Shaped Walnut	197.82	1.71
06 46 36 00-0898	LF		2-1/2" x 8-1/2" Custom Shaped Walnut	222.07	1.71
06 46 36 00-0899	LF		2-1/2" x 9-1/2" Custom Shaped Walnut	246.21	1.83
06 46 36 00-0900	LF		2-1/2" x 10-1/2" Custom Shaped Walnut	270.36	1.83
06 46 36 00-0901	LF		2-1/2" x 11-1/2" Custom Shaped Walnut	294.72	1.94

06 48 Wood Frames (06 40)

Note: Includes perimeter caulk, sealant (as required), anchors and silencers.

06 48 13 Exterior Wood Door Frames (06 48)**06 48 13 00-0001 Exterior Door Frames** (06 48 13)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made with threshold, includes all trim molding, up to 8" depth.

06 48 13 00-0002	EA		3' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	278.05	64.81
			<i>For Birch, Add</i>	51.99	
			<i>For Mahogany, Add</i>	126.27	
06 48 13 00-0003	EA		3'-6" x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	292.18	67.92
			<i>For Birch, Add</i>	54.94	
			<i>For Mahogany, Add</i>	133.42	
06 48 13 00-0004	EA		4' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	306.33	70.56
			<i>For Birch, Add</i>	57.87	
			<i>For Mahogany, Add</i>	140.55	
06 48 13 00-0005	EA		5' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	333.23	75.51
			<i>For Birch, Add</i>	63.75	
			<i>For Mahogany, Add</i>	154.81	
06 48 13 00-0006	EA		6' x 7' Pine Exterior Door Frame Custom Made With Threshold And Trim	360.81	80.92
			<i>For Birch, Add</i>	69.63	
			<i>For Mahogany, Add</i>	169.10	
06 48 13 00-0007	EA		3' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	402.94	65.03
06 48 13 00-0008	EA		3'-6" x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	410.94	67.92
06 48 13 00-0009	EA		4' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	418.90	70.79
06 48 13 00-0010	EA		5' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	432.66	75.39
06 48 13 00-0011	EA		6' x 7' Walnut Exterior Door Frame Custom Made With Threshold And Trim	448.80	81.15
06 48 13 00-0012	EA		3' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	321.21	65.03
06 48 13 00-0013	EA		3'-6" x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	336.59	67.92
06 48 13 00-0014	EA		4' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	352.07	70.79
06 48 13 00-0015	EA		5' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	380.56	75.39
06 48 13 00-0016	EA		6' x 7' Oak Exterior Door Frame Custom Made With Threshold And Trim	411.33	81.15

06 48 16 Interior Wood Door Frames (06 48)**06 48 16 00-0001 Interior Door Frames** (06 48 16)

Note: 6'-8" and 7'-2" frames are the same price as 7' frames. Custom made, includes all trim molding.

06 48 16 00-0002	EA		2'-0" Or 2'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	138.55	30.85
			<i>For Oak Or Maple, Add</i>	23.84	
			<i>For Birch, Add</i>	26.91	
			<i>For Mahogany, Add</i>	65.36	
			<i>For Walnut Frame, Add</i>	34.60	
06 48 16 00-0003	EA		2'-6" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	139.48	30.96
			<i>For Oak Or Maple, Add</i>	24.03	
			<i>For Birch, Add</i>	27.14	
			<i>For Mahogany, Add</i>	65.90	
			<i>For Walnut Frame, Add</i>	34.89	
06 48 16 00-0004	EA		2'-8" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	141.28	31.54
			<i>For Oak Or Maple, Add</i>	24.22	
			<i>For Birch, Add</i>	27.34	
			<i>For Mahogany, Add</i>	66.40	
			<i>For Walnut Frame, Add</i>	35.15	
06 48 16 00-0005	EA		3' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	143.64	32.34
			<i>For Oak Or Maple, Add</i>	24.46	
			<i>For Birch, Add</i>	27.61	
			<i>For Mahogany, Add</i>	67.06	
			<i>For Walnut Frame, Add</i>	35.50	
06 48 16 00-0006	EA		3'-4" x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	146.96	33.15
			<i>For Oak Or Maple, Add</i>	24.97	
			<i>For Birch, Add</i>	28.20	
			<i>For Mahogany, Add</i>	68.48	
			<i>For Walnut Frame, Add</i>	36.25	
06 48 16 00-0007	EA		4' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	155.32	35.22
			<i>For Oak Or Maple, Add</i>	26.29	
			<i>For Birch, Add</i>	29.69	
			<i>For Mahogany, Add</i>	72.10	
			<i>For Walnut Frame, Add</i>	38.17	
06 48 16 00-0008	EA		5' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	165.36	38.10
			<i>For Oak Or Maple, Add</i>	27.62	
			<i>For Birch, Add</i>	31.18	
			<i>For Mahogany, Add</i>	75.73	
			<i>For Walnut Frame, Add</i>	40.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 48 16 00-0009 EA 6' x 7' Pine Interior Door Frame Custom Made With Threshold And Trim	174.28	40.52
<i>For Oak Or Maple, Add</i>	28.94	
<i>For Birch, Add</i>	32.67	
<i>For Mahogany, Add</i>	79.35	
<i>For Walnut Frame, Add</i>	42.01	
06 48 16 00-0010 LF 4-9/16", Pine Interior Door Frame	6.94	2.76
<i>For Oak Or Maple, Add</i>	0.44	
<i>For Birch, Add</i>	0.49	
<i>For Mahogany, Add</i>	1.20	
<i>For Walnut Frame, Add</i>	0.63	

06 50 Structural Plastics (06)

06 51 Structural Plastic Shapes and Plates (06 50)

06 51 13 Plastic Lumber (06 51)

06 51 13 00-0001 Beams And Girders, Recycled Plastic Lumber (06 51 13)

06 51 13 00-0002 LF 2" x 6", Beam Or Girder, Recycled Plastic Lumber	11.50	1.85
<i>For Reinforced Structural Plastic Lumber, Add</i>	3.27	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	0.80	
<i>For White Color, Add</i>	3.76	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.19	
06 51 13 00-0003 LF 2" x 8", Beam Or Girder, Recycled Plastic Lumber	14.65	2.01
<i>For Reinforced Structural Plastic Lumber, Add</i>	4.35	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.06	
<i>For White Color, Add</i>	5.00	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.24	
06 51 13 00-0004 LF 2" x 10", Beam Or Girder, Recycled Plastic Lumber	17.52	2.17
<i>For Reinforced Structural Plastic Lumber, Add</i>	5.33	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.30	
<i>For White Color, Add</i>	6.12	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.19	
06 51 13 00-0005 LF 3" x 10", Beam Or Girder, Recycled Plastic Lumber	25.53	2.58
<i>For Reinforced Structural Plastic Lumber, Add</i>	8.08	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.97	
<i>For White Color, Add</i>	9.29	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.87	
06 51 13 00-0006 LF 3" x 12", Beam Or Girder, Recycled Plastic Lumber	30.54	2.91
<i>For Reinforced Structural Plastic Lumber, Add</i>	9.77	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.38	
<i>For White Color, Add</i>	11.22	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.50	
06 51 13 00-0007 LF 4" x 4", Beam Or Girder, Recycled Plastic Lumber	16.56	2.50
<i>For Reinforced Structural Plastic Lumber, Add</i>	4.81	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.17	
<i>For White Color, Add</i>	5.52	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.68	
06 51 13 00-0008 LF 4" x 6", Beam Or Girder, Recycled Plastic Lumber	22.26	2.66
<i>For Reinforced Structural Plastic Lumber, Add</i>	6.83	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.66	
<i>For White Color, Add</i>	7.85	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.65	
06 51 13 00-0009 LF 5" x 5", Beam Or Girder, Recycled Plastic Lumber	23.17	2.74
<i>For Reinforced Structural Plastic Lumber, Add</i>	7.12	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.73	
<i>For White Color, Add</i>	8.18	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.93	
06 51 13 00-0010 LF 6" x 6", Beam Or Girder, Recycled Plastic Lumber	31.90	2.98
<i>For Reinforced Structural Plastic Lumber, Add</i>	10.22	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.49	
<i>For White Color, Add</i>	11.74	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.95	
06 51 13 00-0011 LF 6" x 8", Beam Or Girder, Recycled Plastic Lumber	43.43	3.14
<i>For Reinforced Structural Plastic Lumber, Add</i>	14.40	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	3.50	
<i>For White Color, Add</i>	16.55	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	14.01	

06 51 13 00-0012 Joists, Recycled Plastic Lumber (06 51 13)

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0013	LF	2" x 4", Joist, Recycled Plastic Lumber	7.47	1.04	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	2.21		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.54		
		<i>For White Color, Add</i>	2.54		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.15		
06 51 13 00-0014	LF	2" x 6", Joist, Recycled Plastic Lumber	10.35	1.10	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	3.27		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	0.80		
		<i>For White Color, Add</i>	3.76		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.19		
06 51 13 00-0015	LF	2" x 8", Joist, Recycled Plastic Lumber	13.50	1.21	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	4.35		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.06		
		<i>For White Color, Add</i>	5.00		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.24		
06 51 13 00-0016	LF	2" x 10", Joist, Recycled Plastic Lumber	16.48	1.45	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	5.33		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.30		
		<i>For White Color, Add</i>	6.12		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.19		
06 51 13 00-0017	LF	3" x 10", Joist, Recycled Plastic Lumber	24.27	1.70	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	8.08		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.97		
		<i>For White Color, Add</i>	9.29		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.87		
06 51 13 00-0018	LF	3" x 12", Joist, Recycled Plastic Lumber	29.51	2.17	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	9.77		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.38		
		<i>For White Color, Add</i>	11.22		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.50		
06 51 13 00-0019	LF	4" x 4", Joist, Recycled Plastic Lumber	15.17	1.53	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	4.81		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.17		
		<i>For White Color, Add</i>	5.52		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.68		
06 51 13 00-0020	LF	4" x 6", Joist, Recycled Plastic Lumber	20.77	1.62	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	6.83		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.66		
		<i>For White Color, Add</i>	7.85		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.65		
06 51 13 00-0021	LF	5" x 5", Joist, Recycled Plastic Lumber	21.78	1.77	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.12		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.73		
		<i>For White Color, Add</i>	8.18		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.93		
06 51 13 00-0022	LF	6" x 6", Joist, Recycled Plastic Lumber	30.50	2.01	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	10.22		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	2.49		
		<i>For White Color, Add</i>	11.74		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.95		
06 51 13 00-0023	LF	6" x 8", Joist, Recycled Plastic Lumber	42.04	2.17	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	14.40		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	3.50		
		<i>For White Color, Add</i>	16.55		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	14.01		
06 51 13 00-0024		Columns, Recycled Plastic Lumber <small>(06 51 13)</small>			
06 51 13 00-0025	LF	4" x 4", Column, Recycled Plastic Lumber	17.71	3.30	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	4.81		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.17		
		<i>For White Color, Add</i>	5.52		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.68		
06 51 13 00-0026	LF	4" x 6", Column, Recycled Plastic Lumber	25.13	4.67	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	6.83		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.66		
		<i>For White Color, Add</i>	7.85		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.65		
06 51 13 00-0027	LF	5" x 5", Column, Recycled Plastic Lumber	26.74	5.24	
		<i>For Reinforced Structural Plastic Lumber, Add</i>	7.12		
		<i>Note: High density polyethylene combined with fiberglass.</i>			
		<i>For Brown Color, Add</i>	1.73		
		<i>For White Color, Add</i>	8.18		
		<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.93		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0028 LF 6" x 6", Column, Recycled Plastic Lumber.....	36.14	5.96
For Reinforced Structural Plastic Lumber, Add	10.22	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	2.49	
For White Color, Add	11.74	
For All Other Colors (Except Black, Brown Or White), Add	9.95	
06 51 13 00-0029 LF 6" x 8", Column, Recycled Plastic Lumber.....	49.40	7.33
For Reinforced Structural Plastic Lumber, Add	14.40	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	3.50	
For White Color, Add	16.55	
For All Other Colors (Except Black, Brown Or White), Add	14.01	
06 51 13 00-0030 Walls, Recycled Plastic Lumber <small>(06 51 13)</small>		
06 51 13 00-0031 LF 2" x 3", Walls, Recycled Plastic Lumber	6.72	1.04
For Reinforced Structural Plastic Lumber, Add	1.93	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.47	
For White Color, Add	2.22	
For All Other Colors (Except Black, Brown Or White), Add	1.88	
06 51 13 00-0032 LF 2" x 4", Walls, Recycled Plastic Lumber	7.70	1.21
For Reinforced Structural Plastic Lumber, Add	2.21	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.54	
For White Color, Add	2.54	
For All Other Colors (Except Black, Brown Or White), Add	2.15	
06 51 13 00-0033 LF 2" x 6", Walls, Recycled Plastic Lumber	10.69	1.29
For Reinforced Structural Plastic Lumber, Add	3.27	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.80	
For White Color, Add	3.76	
For All Other Colors (Except Black, Brown Or White), Add	3.19	
06 51 13 00-0034 LF 2" x 8", Walls, Recycled Plastic Lumber	13.72	1.37
For Reinforced Structural Plastic Lumber, Add	4.35	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	1.06	
For White Color, Add	5.00	
For All Other Colors (Except Black, Brown Or White), Add	4.24	
06 51 13 00-0035 Other Shapes, Recycled Plastic Lumber <small>(06 51 13)</small>		
06 51 13 00-0036 LF 5/4" x 4", Other Shapes, Recycled Plastic Lumber	6.55	0.92
For Reinforced Structural Plastic Lumber, Add	1.90	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.46	
For White Color, Add	2.18	
For All Other Colors (Except Black, Brown Or White), Add	1.85	
06 51 13 00-0037 LF 5/4" x 6", Other Shapes, Recycled Plastic Lumber	8.31	1.04
For Reinforced Structural Plastic Lumber, Add	2.52	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.61	
For White Color, Add	2.90	
For All Other Colors (Except Black, Brown Or White), Add	2.46	
06 51 13 00-0038 LF 5/4" x 8", Recycled Plastic Lumber	10.85	1.04
For Reinforced Structural Plastic Lumber, Add	3.46	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.84	
For White Color, Add	3.98	
For All Other Colors (Except Black, Brown Or White), Add	3.37	
06 51 13 00-0039 LF 1" x 4", Other Shapes, Recycled Plastic Lumber	6.59	0.92
For Reinforced Structural Plastic Lumber, Add	1.92	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.47	
For White Color, Add	2.20	
For All Other Colors (Except Black, Brown Or White), Add	1.86	
06 51 13 00-0040 LF 1" x 6", Other Shapes, Recycled Plastic Lumber	7.27	1.04
For Reinforced Structural Plastic Lumber, Add	2.14	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.52	
For White Color, Add	2.46	
For All Other Colors (Except Black, Brown Or White), Add	2.08	
06 51 13 00-0041 LF 1" x 6", Tongue And Grooved, Other Shapes, Recycled Plastic Lumber.....	7.40	1.04
For Reinforced Structural Plastic Lumber, Add	2.19	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.53	
For White Color, Add	2.51	
For All Other Colors (Except Black, Brown Or White), Add	2.13	
06 51 13 00-0042 LF 2" x 2", Other Shapes, Recycled Plastic Lumber	4.57	0.88
For Reinforced Structural Plastic Lumber, Add	1.22	
Note: High density polyethylene combined with fiberglass.		
For Brown Color, Add	0.30	
For White Color, Add	1.40	
For All Other Colors (Except Black, Brown Or White), Add	1.19	

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0043	LF		2" x 3", Other Shapes, Recycled Plastic Lumber	6.72	1.04
			<i>For Reinforced Structural Plastic Lumber, Add</i>	1.93	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.47	
			<i>For White Color, Add</i>	2.22	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.88	
06 51 13 00-0044	LF		2" x 4", Other Shapes, Recycled Plastic Lumber	7.70	1.21
			<i>For Reinforced Structural Plastic Lumber, Add</i>	2.21	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.54	
			<i>For White Color, Add</i>	2.54	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	2.15	
06 51 13 00-0045	LF		2" x 6", Other Shapes, Recycled Plastic Lumber	10.69	1.29
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.27	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.80	
			<i>For White Color, Add</i>	3.76	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.19	
06 51 13 00-0046	LF		2" x 8", Other Shapes, Recycled Plastic Lumber	13.72	1.37
			<i>For Reinforced Structural Plastic Lumber, Add</i>	4.35	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.06	
			<i>For White Color, Add</i>	5.00	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.24	
06 51 13 00-0047	LF		2" x 10", Other Shapes, Recycled Plastic Lumber	16.48	1.45
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.33	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.30	
			<i>For White Color, Add</i>	6.12	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.19	
06 51 13 00-0048	LF		2" x 12", Other Shapes, Recycled Plastic Lumber	19.89	1.53
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.56	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.59	
			<i>For White Color, Add</i>	7.53	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.38	
06 51 13 00-0049	LF		3" x 4", Other Shapes, Recycled Plastic Lumber	11.00	1.41
			<i>For Reinforced Structural Plastic Lumber, Add</i>	3.32	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	0.81	
			<i>For White Color, Add</i>	3.82	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	3.23	
06 51 13 00-0050	LF		3" x 6", Other Shapes, Recycled Plastic Lumber	16.09	1.50
			<i>For Reinforced Structural Plastic Lumber, Add</i>	5.16	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.25	
			<i>For White Color, Add</i>	5.92	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	5.02	
06 51 13 00-0051	LF		3" x 8", Other Shapes, Recycled Plastic Lumber	20.92	1.62
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.90	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.68	
			<i>For White Color, Add</i>	7.92	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.71	
06 51 13 00-0052	LF		3" x 10", Other Shapes, Recycled Plastic Lumber	24.27	1.70
			<i>For Reinforced Structural Plastic Lumber, Add</i>	8.08	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.97	
			<i>For White Color, Add</i>	9.29	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	7.87	
06 51 13 00-0053	LF		3" x 12", Other Shapes, Recycled Plastic Lumber	29.51	2.17
			<i>For Reinforced Structural Plastic Lumber, Add</i>	9.77	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.38	
			<i>For White Color, Add</i>	11.22	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.50	
06 51 13 00-0054	LF		4" x 4", Other Shapes, Recycled Plastic Lumber	15.17	1.53
			<i>For Reinforced Structural Plastic Lumber, Add</i>	4.81	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.17	
			<i>For White Color, Add</i>	5.52	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.68	
06 51 13 00-0055	LF		4" x 6", Other Shapes, Recycled Plastic Lumber	20.77	1.62
			<i>For Reinforced Structural Plastic Lumber, Add</i>	6.83	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	1.66	
			<i>For White Color, Add</i>	7.85	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.65	
06 51 13 00-0056	LF		4" x 8", Other Shapes, Recycled Plastic Lumber	27.88	1.75
			<i>For Reinforced Structural Plastic Lumber, Add</i>	9.39	
			<i>Note: High density polyethylene combined with fiberglass.</i>		
			<i>For Brown Color, Add</i>	2.29	
			<i>For White Color, Add</i>	10.79	
			<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 13 00-0057 LF 5" x 5", Other Shapes, Recycled Plastic Lumber.....	21.78	1.77
<i>For Reinforced Structural Plastic Lumber, Add</i>	7.12	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.73	
<i>For White Color, Add</i>	8.18	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.93	
06 51 13 00-0058 LF 6" x 6", Other Shapes, Recycled Plastic Lumber.....	30.50	2.01
<i>For Reinforced Structural Plastic Lumber, Add</i>	10.22	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	2.49	
<i>For White Color, Add</i>	11.74	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	9.95	
06 51 13 00-0059 LF 6" x 8", Other Shapes, Recycled Plastic Lumber.....	42.04	2.17
<i>For Reinforced Structural Plastic Lumber, Add</i>	14.40	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	3.50	
<i>For White Color, Add</i>	16.55	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	14.01	
06 51 13 00-0060 LF 6" x 12", Other Shapes, Recycled Plastic Lumber.....	59.31	2.42
<i>For Reinforced Structural Plastic Lumber, Add</i>	20.67	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	5.03	
<i>For White Color, Add</i>	23.74	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	20.11	
06 51 13 00-0061 LF 8" x 8", Other Shapes, Recycled Plastic Lumber.....	52.75	2.33
<i>For Reinforced Structural Plastic Lumber, Add</i>	18.29	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	4.45	
<i>For White Color, Add</i>	21.01	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	17.79	
06 51 13 00-0062 LF 8" x 10", Other Shapes, Recycled Plastic Lumber.....	90.00	2.42
<i>For Reinforced Structural Plastic Lumber, Add</i>	32.02	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	7.79	
<i>For White Color, Add</i>	36.78	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	31.16	
06 51 13 00-0063 LF 10" x 10", Other Shapes, Recycled Plastic Lumber.....	124.80	2.53
<i>For Reinforced Structural Plastic Lumber, Add</i>	44.84	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	10.91	
<i>For White Color, Add</i>	51.51	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	43.63	
06 51 13 00-0064 LF 2" Diameter, Other Shapes, Recycled Plastic Lumber.....	4.88	0.80
<i>For Reinforced Structural Plastic Lumber, Add</i>	1.38	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	0.34	
<i>For White Color, Add</i>	1.59	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	1.34	
06 51 13 00-0065 LF 3-1/2" Diameter, Other Shapes, Recycled Plastic Lumber.....	13.92	1.04
<i>For Reinforced Structural Plastic Lumber, Add</i>	4.60	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.12	
<i>For White Color, Add</i>	5.28	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.47	
06 51 13 00-0066 LF 4" Diameter, Other Shapes, Recycled Plastic Lumber.....	15.36	1.21
<i>For Reinforced Structural Plastic Lumber, Add</i>	5.04	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.23	
<i>For White Color, Add</i>	5.79	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	4.91	
06 51 13 00-0067 LF 5" Diameter, Other Shapes, Recycled Plastic Lumber.....	19.01	1.45
<i>For Reinforced Structural Plastic Lumber, Add</i>	6.27	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	1.53	
<i>For White Color, Add</i>	7.20	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	6.10	
06 51 13 00-0068 LF 6" Diameter, Other Shapes, Recycled Plastic Lumber.....	41.97	1.70
<i>For Reinforced Structural Plastic Lumber, Add</i>	14.63	
<i>Note: High density polyethylene combined with fiberglass.</i>		
<i>For Brown Color, Add</i>	3.56	
<i>For White Color, Add</i>	16.81	
<i>For All Other Colors (Except Black, Brown Or White), Add</i>	14.24	
06 51 13 00-0069 SF 1/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	3.96	0.88
06 51 13 00-0070 SF 1/4" Thick, Other Shapes, Recycled Plastic Sheeting.....	5.78	0.92
06 51 13 00-0071 SF 3/8" Thick, Other Shapes, Recycled Plastic Sheeting.....	8.31	0.98
06 51 13 00-0072 SF 1/2" Thick, Other Shapes, Recycled Plastic Sheeting.....	10.58	1.02

06 51 23 Plastic Channel and Shapes (06 51)

06 51 23 00-0001 Channel <small>(06 51 23)</small>		
06 51 23 00-0002 LF 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22).....	17.45	2.06
06 51 23 00-0003 LF 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22H1-7/8).....	32.17	2.06
06 51 23 00-0004 LF 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22SH).....	32.17	2.06
06 51 23 00-0005 LF 1-5/8" x 1-5/8" Plastic Polyester Channel (B-Line BFP22A).....	41.99	2.06
06 51 23 00-0006 LF 1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22).....	21.77	2.06
06 51 23 00-0007 LF 1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22H1-7/8).....	36.69	2.06

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 51 Structural Plastic Shapes and Plates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

06 51 23 00-0008	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22SH)	36.69	2.06
06 51 23 00-0009	LF	1-5/8" x 1-5/8" Vinyl Ester Resin Channel (B-Line BFV22A)	46.11	2.06
06 51 23 00-0010	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42)	17.65	2.06
06 51 23 00-0011	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42H1-7/8)	28.05	2.06
06 51 23 00-0012	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42SH)	28.05	2.06
06 51 23 00-0013	LF	1-5/8" x 1" Plastic Polyester Channel (B-Line BFP42A)	37.86	2.06
06 51 23 00-0014	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42)	21.38	2.06
06 51 23 00-0015	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42H1-7/8)	32.17	2.06
06 51 23 00-0016	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42SH)	32.17	2.06
06 51 23 00-0017	LF	1-5/8" x 1" Vinyl Ester Resin Channel (B-Line BFV42A)	39.63	2.06

06 51 33 Carbon Fiber Plates (06 51)**06 51 33 00-0001****Carbon Fiber Plates (06 51 33)**

Note: Outer Material: 2x2 Twill Carbon Fiber Prepreg, Inner Material: 0/90 (Balanced) Unidirectional Carbon Fiber Prepreg, Exterior Finish: Matte/Matte

06 51 33 00-0002	EA	6" x 6", 0.039" Thickness, Carbon Fiber Plates	19.05	
06 51 33 00-0003	EA	6" x 12", 0.039" Thickness, Carbon Fiber Plates	30.04	
06 51 33 00-0004	EA	6" x 24", 0.039" Thickness, Carbon Fiber Plates	51.90	
06 51 33 00-0005	EA	12" x 12", 0.039" Thickness, Carbon Fiber Plates	51.90	
06 51 33 00-0006	EA	12" x 24", 0.039" Thickness, Carbon Fiber Plates	92.64	
06 51 33 00-0007	EA	12" x 48", 0.039" Thickness, Carbon Fiber Plates	172.00	
06 51 33 00-0008	EA	24" x 24", 0.039" Thickness, Carbon Fiber Plates	172.57	
06 51 33 00-0009	EA	24" x 48", 0.039" Thickness, Carbon Fiber Plates	328.86	
06 51 33 00-0010	EA	38" x 48", 0.039" Thickness, Carbon Fiber Plates	493.66	
06 51 33 00-0011	EA	38" x 96", 0.039" Thickness, Carbon Fiber Plates	983.70	
06 51 33 00-0012	EA	6" x 6", 1/16" Thickness, Carbon Fiber Plates	23.88	
06 51 33 00-0013	EA	6" x 12", 1/16" Thickness, Carbon Fiber Plates	42.13	
06 51 33 00-0014	EA	6" x 24", 1/16" Thickness, Carbon Fiber Plates	72.45	
06 51 33 00-0015	EA	12" x 12", 1/16" Thickness, Carbon Fiber Plates	72.45	
06 51 33 00-0016	EA	12" x 24", 1/16" Thickness, Carbon Fiber Plates	128.89	
06 51 33 00-0017	EA	12" x 48", 1/16" Thickness, Carbon Fiber Plates	243.29	
06 51 33 00-0018	EA	24" x 24", 1/16" Thickness, Carbon Fiber Plates	243.86	
06 51 33 00-0019	EA	24" x 48", 1/16" Thickness, Carbon Fiber Plates	461.78	
06 51 33 00-0020	EA	38" x 48", 1/16" Thickness, Carbon Fiber Plates	699.09	
06 51 33 00-0021	EA	38" x 96", 1/16" Thickness, Carbon Fiber Plates	1,394.55	
06 51 33 00-0022	EA	6" x 6", 0.079" Thickness, Carbon Fiber Plates	28.71	
06 51 33 00-0023	EA	6" x 12", 0.079" Thickness, Carbon Fiber Plates	46.96	
06 51 33 00-0024	EA	6" x 24", 0.079" Thickness, Carbon Fiber Plates	83.32	
06 51 33 00-0025	EA	12" x 12", 0.079" Thickness, Carbon Fiber Plates	83.32	
06 51 33 00-0026	EA	12" x 24", 0.079" Thickness, Carbon Fiber Plates	166.35	
06 51 33 00-0027	EA	12" x 48", 0.079" Thickness, Carbon Fiber Plates	318.21	
06 51 33 00-0028	EA	24" x 24", 0.079" Thickness, Carbon Fiber Plates	318.78	
06 51 33 00-0029	EA	24" x 48", 0.079" Thickness, Carbon Fiber Plates	528.24	
06 51 33 00-0030	EA	38" x 48", 0.079" Thickness, Carbon Fiber Plates	803.01	
06 51 33 00-0031	EA	38" x 96", 0.079" Thickness, Carbon Fiber Plates	1,591.52	
06 51 33 00-0032	EA	6" x 6", 3/32" Thickness, Carbon Fiber Plates	32.34	
06 51 33 00-0033	EA	6" x 12", 3/32" Thickness, Carbon Fiber Plates	55.42	
06 51 33 00-0034	EA	6" x 24", 3/32" Thickness, Carbon Fiber Plates	91.78	
06 51 33 00-0035	EA	12" x 12", 3/32" Thickness, Carbon Fiber Plates	91.78	
06 51 33 00-0036	EA	12" x 24", 3/32" Thickness, Carbon Fiber Plates	168.77	
06 51 33 00-0037	EA	12" x 48", 3/32" Thickness, Carbon Fiber Plates	317.01	
06 51 33 00-0038	EA	24" x 24", 3/32" Thickness, Carbon Fiber Plates	317.58	
06 51 33 00-0039	EA	24" x 48", 3/32" Thickness, Carbon Fiber Plates	606.79	
06 51 33 00-0040	EA	38" x 48", 3/32" Thickness, Carbon Fiber Plates	917.81	
06 51 33 00-0041	EA	38" x 96", 3/32" Thickness, Carbon Fiber Plates	1,829.58	
06 51 33 00-0042	EA	6" x 6", 0.119" Thickness, Carbon Fiber Plates	37.17	
06 51 33 00-0043	EA	6" x 12", 0.119" Thickness, Carbon Fiber Plates	67.50	
06 51 33 00-0044	EA	6" x 24", 0.119" Thickness, Carbon Fiber Plates	108.70	
06 51 33 00-0045	EA	12" x 12", 0.119" Thickness, Carbon Fiber Plates	108.70	
06 51 33 00-0046	EA	12" x 24", 0.119" Thickness, Carbon Fiber Plates	195.35	
06 51 33 00-0047	EA	12" x 48", 0.119" Thickness, Carbon Fiber Plates	372.59	
06 51 33 00-0048	EA	24" x 24", 0.119" Thickness, Carbon Fiber Plates	373.16	
06 51 33 00-0049	EA	24" x 48", 0.119" Thickness, Carbon Fiber Plates	708.29	
06 51 33 00-0050	EA	38" x 48", 0.119" Thickness, Carbon Fiber Plates	1,073.69	
06 51 33 00-0051	EA	38" x 96", 0.119" Thickness, Carbon Fiber Plates	2,137.72	
06 51 33 00-0052	EA	6" x 6", 1/8" Thickness, Carbon Fiber Plates	35.96	
06 51 33 00-0053	EA	6" x 12", 1/8" Thickness, Carbon Fiber Plates	63.88	
06 51 33 00-0054	EA	6" x 24", 1/8" Thickness, Carbon Fiber Plates	108.70	
06 51 33 00-0055	EA	12" x 12", 1/8" Thickness, Carbon Fiber Plates	108.70	
06 51 33 00-0056	EA	12" x 24", 1/8" Thickness, Carbon Fiber Plates	182.06	
06 51 33 00-0057	EA	12" x 48", 1/8" Thickness, Carbon Fiber Plates	353.26	
06 51 33 00-0058	EA	24" x 24", 1/8" Thickness, Carbon Fiber Plates	353.83	
06 51 33 00-0059	EA	24" x 48", 1/8" Thickness, Carbon Fiber Plates	672.04	
06 51 33 00-0060	EA	38" x 48", 1/8" Thickness, Carbon Fiber Plates	1,061.61	
06 51 33 00-0061	EA	38" x 96", 1/8" Thickness, Carbon Fiber Plates	2,076.09	
06 51 33 00-0062	EA	6" x 6", 0.157" Thickness, Carbon Fiber Plates	44.42	
06 51 33 00-0063	EA	6" x 12", 0.157" Thickness, Carbon Fiber Plates	88.04	
06 51 33 00-0064	EA	6" x 24", 0.157" Thickness, Carbon Fiber Plates	132.87	
06 51 33 00-0065	EA	12" x 12", 0.157" Thickness, Carbon Fiber Plates	132.87	
06 51 33 00-0066	EA	12" x 24", 0.157" Thickness, Carbon Fiber Plates	230.40	
06 51 33 00-0067	EA	12" x 48", 0.157" Thickness, Carbon Fiber Plates	439.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 51 33 00-0068 EA 24" x 24", 0.157" Thickness, Carbon Fiber Plates	439.62	
06 51 33 00-0069 EA 24" x 48", 0.157" Thickness, Carbon Fiber Plates	841.22	
06 51 33 00-0070 EA 38" x 48", 0.157" Thickness, Carbon Fiber Plates	1,274.29	
06 51 33 00-0071 EA 38" x 96", 0.157" Thickness, Carbon Fiber Plates	2,542.53	
06 51 33 00-0072 EA 6" x 6", 3/16" Thickness, Carbon Fiber Plates	50.46	
06 51 33 00-0073 EA 6" x 12", 3/16" Thickness, Carbon Fiber Plates	90.46	
06 51 33 00-0074 EA 6" x 24", 3/16" Thickness, Carbon Fiber Plates	152.20	
06 51 33 00-0075 EA 12" x 12", 3/16" Thickness, Carbon Fiber Plates	152.20	
06 51 33 00-0076 EA 12" x 24", 3/16" Thickness, Carbon Fiber Plates	261.82	
06 51 33 00-0077 EA 12" x 48", 3/16" Thickness, Carbon Fiber Plates	505.52	
06 51 33 00-0078 EA 24" x 24", 3/16" Thickness, Carbon Fiber Plates	506.09	
06 51 33 00-0079 EA 24" x 48", 3/16" Thickness, Carbon Fiber Plates	962.06	
06 51 33 00-0080 EA 38" x 48", 3/16" Thickness, Carbon Fiber Plates	1,455.55	
06 51 33 00-0081 EA 38" x 96", 3/16" Thickness, Carbon Fiber Plates	2,892.97	
06 51 33 00-0082 EA 6" x 6", 0.197" Thickness, Carbon Fiber Plates	51.67	
06 51 33 00-0083 EA 6" x 12", 0.197" Thickness, Carbon Fiber Plates	96.50	
06 51 33 00-0084 EA 6" x 24", 0.197" Thickness, Carbon Fiber Plates	165.49	
06 51 33 00-0085 EA 12" x 12", 0.197" Thickness, Carbon Fiber Plates	144.95	
06 51 33 00-0086 EA 12" x 24", 0.197" Thickness, Carbon Fiber Plates	290.82	
06 51 33 00-0087 EA 12" x 48", 0.197" Thickness, Carbon Fiber Plates	510.35	
06 51 33 00-0088 EA 24" x 24", 0.197" Thickness, Carbon Fiber Plates	510.92	
06 51 33 00-0089 EA 24" x 48", 0.197" Thickness, Carbon Fiber Plates	969.31	
06 51 33 00-0090 EA 38" x 48", 0.197" Thickness, Carbon Fiber Plates	1,472.47	
06 51 33 00-0091 EA 38" x 96", 0.197" Thickness, Carbon Fiber Plates	2,923.18	
06 51 33 00-0092 EA 6" x 6", 1/4" Thickness, Carbon Fiber Plates	60.13	
06 51 33 00-0093 EA 6" x 12", 1/4" Thickness, Carbon Fiber Plates	108.59	
06 51 33 00-0094 EA 6" x 24", 1/4" Thickness, Carbon Fiber Plates	181.20	
06 51 33 00-0095 EA 12" x 12", 1/4" Thickness, Carbon Fiber Plates	181.20	
06 51 33 00-0096 EA 12" x 24", 1/4" Thickness, Carbon Fiber Plates	327.07	
06 51 33 00-0097 EA 12" x 48", 1/4" Thickness, Carbon Fiber Plates	625.15	
06 51 33 00-0098 EA 24" x 24", 1/4" Thickness, Carbon Fiber Plates	625.72	
06 51 33 00-0099 EA 24" x 48", 1/4" Thickness, Carbon Fiber Plates	1,191.65	
06 51 33 00-0100 EA 38" x 48", 1/4" Thickness, Carbon Fiber Plates	1,810.82	
06 51 33 00-0101 EA 38" x 96", 1/4" Thickness, Carbon Fiber Plates	3,598.68	

06 52 Plastic Structural Assemblies (06 50)

06 52 13 Plastic Columns (06 52)

06 52 13 00-0001 Round Fiberglass Columns (06 52 13)

06 52 13 00-0002 LF 6" Diameter, Round Fiberglass Column	19.59	6.71
06 52 13 00-0003 LF 8" Diameter, Round Fiberglass Column	27.65	9.76
06 52 13 00-0004 LF 10" Diameter, Round Fiberglass Column	32.17	10.98
06 52 13 00-0005 LF 12" Diameter, Round Fiberglass Column	40.04	11.49
06 52 13 00-0006 LF 15" Diameter, Round Fiberglass Column	48.91	13.27
06 52 13 00-0007 EA 6" Diameter, Base And Cap For Round Fiberglass Columns	37.80	12.71
06 52 13 00-0008 EA 8" Diameter, Base And Cap For Round Fiberglass Columns	41.91	13.73
06 52 13 00-0009 EA 10" Diameter, Base And Cap For Round Fiberglass Columns	49.51	15.25
06 52 13 00-0010 EA 12" Diameter, Base And Cap For Round Fiberglass Columns	69.07	16.27
06 52 13 00-0011 EA 15" Diameter, Base And Cap For Round Fiberglass Columns	94.11	17.80

06 52 13 00-0012 Fluted Fiberglass Columns (06 52 13)

06 52 13 00-0013 LF 6" Diameter, Fluted Fiberglass Column	20.80	6.71
06 52 13 00-0014 LF 8" Diameter, Fluted Fiberglass Column	29.27	9.76
06 52 13 00-0015 LF 10" Diameter, Fluted Fiberglass Column	34.22	10.98
06 52 13 00-0016 LF 12" Diameter, Fluted Fiberglass Column	43.47	11.49
06 52 13 00-0017 LF 15" Diameter, Fluted Fiberglass Column	53.38	13.32
06 52 13 00-0018 EA 6" Diameter, Base And Cap For Fluted Fiberglass Columns	40.27	12.71
06 52 13 00-0019 EA 8" Diameter, Base And Cap For Fluted Fiberglass Columns	44.81	13.73
06 52 13 00-0020 EA 10" Diameter, Base And Cap For Fluted Fiberglass Columns	53.31	15.25
06 52 13 00-0021 EA 12" Diameter, Base And Cap For Fluted Fiberglass Columns	76.38	16.27
06 52 13 00-0022 EA 15" Diameter, Base And Cap For Fluted Fiberglass Columns	105.82	17.80

06 52 13 00-0023 Ornamental Or Decorative Cap And Base For Fiberglass Columns (06 52 13)

06 52 13 00-0024 EA 8" Roman Ionic Cap And Base For Fiberglass Columns	161.38	15.25
06 52 13 00-0025 EA 10" Roman Ionic Cap And Base For Fiberglass Columns	215.35	17.80
06 52 13 00-0026 EA 12" Roman Ionic Cap And Base For Fiberglass Columns	275.93	20.34
06 52 13 00-0027 EA 8" Scamozzi Cap And Base For Fiberglass Columns	192.03	15.25
06 52 13 00-0028 EA 10" Scamozzi Cap And Base For Fiberglass Columns	231.09	17.80
06 52 13 00-0029 EA 12" Scamozzi Cap And Base For Fiberglass Columns	337.23	20.34
06 52 13 00-0030 EA 8" Corinthian Cap And Base For Fiberglass Columns	241.74	15.25
06 52 13 00-0031 EA 10" Corinthian Cap And Base For Fiberglass Columns	293.22	17.80
06 52 13 00-0032 EA 12" Corinthian Cap And Base For Fiberglass Columns	388.59	20.34
06 52 13 00-0033 EA 8" Temple Of Winds Cap And Base For Fiberglass Columns	163.87	15.25
06 52 13 00-0034 EA 10" Temple Of Winds Cap And Base For Fiberglass Columns	220.32	17.80
06 52 13 00-0035 EA 12" Temple Of Winds Cap And Base For Fiberglass Columns	280.90	20.34
06 52 13 00-0036 EA 8" Greek Erectheum Cap And Base For Fiberglass Columns	163.87	15.25
06 52 13 00-0037 EA 10" Greek Erectheum Cap And Base For Fiberglass Columns	197.12	17.80
06 52 13 00-0038 EA 12" Greek Erectheum Cap And Base For Fiberglass Columns	260.19	20.34

06 Wood, Plastics, and Composites**06 50 Structural Plastics****06 52 Plastic Structural Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
06 53 Plastic Decking (06 50)**06 53 16 Plastic Stair Treads** (06 53)**06 53 16 00-0001** Fiberglass Reinforced Plastic Stair Treads (06 53 16)

Note: Includes standard colors and anchors. Excludes stringers.

06 53 16 00-0002	LF	1" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	44.32	2.61
06 53 16 00-0003	LF	1-1/2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	60.13	3.13
06 53 16 00-0004	LF	2" Thick, 12" Wide, Fiberglass Reinforced Plastic Stair Tread With Safety Nosing, Excluding Stringer	85.91	3.45

06 60 Plastic Fabrications (06)**06 65 Plastic Trim** (06 60)**06 65 00 00-0001** Plastic Moldings (06 65)

Note: All dimensions are nominal.

06 65 00 00-0002 Base, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0003	LF	3-1/2" High, Base, Plastic Molding	8.52	2.28
06 65 00 00-0004	LF	4-1/2" High, Base, Plastic Molding	10.27	2.86
06 65 00 00-0005	LF	3/4" x 1", Base Shoe, Plastic Molding	7.46	2.40

06 65 00 00-0006 Cornice, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0007	LF	1" x 2" Cornice, Plastic Molding	7.52	2.28
06 65 00 00-0008	LF	1" x 4" Cornice, Plastic Molding	10.09	2.40
06 65 00 00-0009	LF	1" x 6" Cornice, Plastic Molding	15.14	2.52
06 65 00 00-0010	LF	1" x 8" Cornice, Plastic Molding	17.82	2.63
06 65 00 00-0011	LF	1" x 10" Cornice, Plastic Molding	20.94	2.74
06 65 00 00-0012	LF	1" x 12" Cornice, Plastic Molding	27.79	2.86

06 65 00 00-0013 Crown Or Bed, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0014	LF	9/16" x 1-5/8" Crown Or Bed, Plastic Molding	16.42	2.28
06 65 00 00-0015	LF	9/16" x 2-1/4" Crown Or Bed, Plastic Molding	22.32	2.86
06 65 00 00-0016	LF	9/16" x 3-1/2" Crown Or Bed, Plastic Molding	23.46	2.86
06 65 00 00-0017	LF	9/16" x 3-5/8" Crown Or Bed, Plastic Molding	24.60	2.86
06 65 00 00-0018	LF	5/8" x 4-1/4" Crown Or Bed, Plastic Molding	32.56	3.43
06 65 00 00-0019	LF	11/16" x 4-5/8" Crown Or Bed, Plastic Molding	39.62	3.43

06 65 00 00-0020 Dentil, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0021	LF	11/16" x 1-3/8" Dentil, Plastic Molding	13.40	2.28
06 65 00 00-0022	LF	5/8" x 2-1/2" Dentil, Plastic Molding	15.56	2.28
06 65 00 00-0023	LF	1-3/8" x 3-3/8" Dentil, Plastic Molding	20.43	2.28
06 65 00 00-0024	LF	1-1/2" x 4-1/2" Dentil, Plastic Molding	28.83	2.28

06 65 00 00-0025 Cove, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0026	LF	3/8" x 3/8" Cove, Plastic Molding	4.60	1.26
06 65 00 00-0027	LF	1/2" x 1/2" Cove, Plastic Molding	5.18	1.26
06 65 00 00-0028	LF	5/8" x 5/8" Cove, Plastic Molding	7.05	1.49
06 65 00 00-0029	LF	3/4" x 3/4" Cove, Plastic Molding	7.05	1.49
06 65 00 00-0030	LF	15/16" x 15/16" Cove, Plastic Molding	9.57	1.49
06 65 00 00-0031	LF	9/16" x 1-3/4" Cove, Plastic Molding	12.77	1.71
06 65 00 00-0032	LF	11/16" x 2-3/4" Cove, Plastic Molding	18.11	1.71

06 65 00 00-0033 Chair Rail, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0034	LF	1/2" x 1-5/8" Chair Rail, Plastic Molding	8.17	1.71
06 65 00 00-0035	LF	5/8" x 2-1/2" Chair Rail, Plastic Molding	11.05	2.28
06 65 00 00-0036	LF	5/8" x 3-1/2" Chair Rail, Plastic Molding	14.34	2.28

06 65 00 00-0037 Door, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0038	LF	1-1/8" Wide, Door, Plastic Molding	6.09	2.05
06 65 00 00-0039	LF	1-1/8" Wide, Detailed Door, Plastic Molding	6.16	2.05

06 65 00 00-0040 Trim, Plastic Moldings (06 65 00 00-0001)

06 65 00 00-0041	LF	1/2" x 1/2" Quarter Round Trim, Plastic Molding	6.00	2.40
06 65 00 00-0042	LF	3/4" x 3/4" Quarter Round Trim, Plastic Molding	7.19	2.40
06 65 00 00-0043	LF	1-1/4" x 2" Brick Mould, Plastic Molding	6.58	2.28
06 65 00 00-0044	LF	1-17/32" x 1-1/2" x 1-3/8" Sill Nose, Plastic Molding	7.52	2.28
06 65 00 00-0045	LF	11/16" x 1-5/8" Drip Cap, Plastic Molding	5.67	2.28
06 65 00 00-0046	LF	2-3/4" x 2" Water Table, Plastic Molding	8.21	2.28
06 65 00 00-0047	LF	3/8" x 2" Garage Door Stop, Plastic Molding	6.18	2.28

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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06 65 00 00-0048		Extruded Polyvinyl Chloride (PVC) Trimboard <small>(06 65)</small>		
<small>Note: As manufactured by Azek or Kleer. All dimensions are nominal.</small>				
06 65 00 00-0049	LF	1" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	3.88	0.92
06 65 00 00-0050	LF	1" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	5.50	1.03
06 65 00 00-0051	LF	1" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	7.18	1.15
06 65 00 00-0052	LF	1" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.62	1.17
06 65 00 00-0053	LF	1" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.20	1.20
06 65 00 00-0054	LF	5/4" x 4" Extruded Polyvinyl Chloride (PVC) Trimboard.....	4.72	0.92
06 65 00 00-0055	LF	5/4" x 6" Extruded Polyvinyl Chloride (PVC) Trimboard.....	6.80	1.03
06 65 00 00-0056	LF	5/4" x 8" Extruded Polyvinyl Chloride (PVC) Trimboard.....	8.63	1.15
06 65 00 00-0057	LF	5/4" x 10" Extruded Polyvinyl Chloride (PVC) Trimboard.....	10.60	1.17
06 65 00 00-0058	LF	5/4" x 12" Extruded Polyvinyl Chloride (PVC) Trimboard.....	12.41	1.20
06 65 00 00-0059	LF	3-1/2" x 3-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	10.14	1.17
06 65 00 00-0060	LF	5-1/2" x 5-1/2" Extruded Polyvinyl Chloride (PVC) Corner Board.....	13.40	1.20
06 65 00 00-0061	SF	1/2" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	7.13	1.03
06 65 00 00-0062	SF	3/4" Smooth/Wood Grain Reversible Extruded Polyvinyl Chloride (PVC) Sheets.....	10.21	1.15

06 70 Structural Composites (06)

06 74 Composite Gratings (06 70)

06 74 13 Fiberglass Reinforced Gratings (06 74)

06 74 13 00-0001 Molded Fiberglass Gratings And Coverings (06 74 13)

06 74 13 00-0002 Vi-Corr Resin System (06 74 13 00-0001)

<small>Note: Orange or dark gray.</small>				
06 74 13 00-0003	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Vi-Corr Resin, Meniscus Top.....	42.91	1.88
06 74 13 00-0004	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	41.67	1.88
06 74 13 00-0005	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Meniscus Top.....	54.45	1.88
06 74 13 00-0006	SF	2" Molded Fiberglass Grate, 2" x 2" Mesh, Vi-Corr Resin, Meniscus Top.....	58.93	2.41
06 74 13 00-0007	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Vi-Corr Resin, Applied Grit Top.....	45.04	1.88
06 74 13 00-0008	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	43.76	1.88
06 74 13 00-0009	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Vi-Corr Resin, Applied Grit Top.....	57.53	1.88
06 74 13 00-0010	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Vi-Corr Resin, Applied Grit Top.....	61.83	2.41
06 74 13 00-0011	SF	1/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	40.68	1.50
06 74 13 00-0012	SF	1/2" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	66.00	1.65
06 74 13 00-0013	SF	3/4" Vi-Corr Resin Polyester Resin, Fiberplate Covering.....	90.50	1.82

06 74 13 00-0014 IFR Fire Retardant Isophthalic Resin (06 74 13 00-0001)

06 74 13 00-0015	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	39.45	1.88
06 74 13 00-0016	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	36.93	1.88
06 74 13 00-0017	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	47.59	1.88
06 74 13 00-0018	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Meniscus Top.....	51.32	2.41
06 74 13 00-0019	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	41.19	1.88
06 74 13 00-0020	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	37.92	1.88
06 74 13 00-0021	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	51.68	2.41
06 74 13 00-0022	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, IFR Fire Retardant Isophthalic Resin, Applied Grit Top.....	54.19	2.41
06 74 13 00-0023	SF	1/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	35.84	1.50
06 74 13 00-0024	SF	1/2" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	50.80	1.65
06 74 13 00-0025	SF	3/4" IFR Fire Retardant Isophthalic Resin Polyester Resin, Fiberplate Covering.....	69.84	1.82

06 74 13 00-0026 Corvex Polyester Resin (06 74 13 00-0001)

<small>Note: Dark gray.</small>				
06 74 13 00-0027	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, Corvex Polyester Resin, Meniscus Top.....	33.43	1.88
06 74 13 00-0028	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	32.10	1.88
06 74 13 00-0029	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Meniscus Top.....	38.97	1.88
06 74 13 00-0030	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Meniscus Top.....	44.78	2.41
06 74 13 00-0031	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh, Corvex Polyester Resin, Applied Grit Top.....	35.65	1.88
06 74 13 00-0032	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	34.30	1.88
06 74 13 00-0033	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, Corvex Polyester Resin, Applied Grit Top.....	41.53	1.88
06 74 13 00-0034	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, Corvex Polyester Resin, Applied Grit Top.....	46.97	2.41
06 74 13 00-0035	SF	1/4" Corvex Polyester Resin, Fiberplate Covering.....	31.63	1.50
06 74 13 00-0036	SF	1/2" Corvex Polyester Resin, Fiberplate Covering.....	50.58	1.65
06 74 13 00-0037	SF	3/4" Corvex Polyester Resin, Fiberplate Covering.....	70.21	1.82

06 74 13 00-0038 XFR Extra Fire Retardant (06 74 13 00-0001)

06 74 13 00-0039	SF	1" Molded Fiberglass Grate, 1" x 4" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	49.30	1.88
06 74 13 00-0040	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	47.86	1.88
06 74 13 00-0041	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Meniscus Top.....	65.61	1.88
06 74 13 00-0042	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Meniscus Top.....	70.06	2.41
06 74 13 00-0043	SF	1" Molded Fiberglass Grating, 1" x 4" Mesh XFR Extra Fire Retardant, Applied Grit Top.....	51.47	1.88
06 74 13 00-0044	SF	1" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	50.06	1.88
06 74 13 00-0045	SF	1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	68.17	1.88
06 74 13 00-0046	SF	2" Molded Fiberglass Grating, 2" x 2" Mesh, XFR Extra Fire Retardant, Applied Grit Top.....	73.17	2.41
06 74 13 00-0047	SF	1/4" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	46.63	1.50
06 74 13 00-0048	SF	1/2" XFR Extra Fire Retardant Resin, Fiberplate Covering.....	75.52	1.65

06 Wood, Plastics, and Composites**06 70 Structural Composites****06 74 Composite Gratings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 74 13 00-0049			ELS Extremely Low Smoke Resin (06 74 13 00-0001)		
06 74 13 00-0050	SF		1" Molded Fiberglass Grate, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	50.57	1.88
06 74 13 00-0051	SF		1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	49.03	1.88
06 74 13 00-0052	SF		1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	63.84	1.88
06 74 13 00-0053	SF		2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Meniscus Top.....	68.39	2.41
06 74 13 00-0054	SF		1" Molded Fiberglass Grating, 1" x 4" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	52.57	1.88
06 74 13 00-0055	SF		1" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	51.31	1.88
06 74 13 00-0056	SF		1-1/2" Molded Fiberglass Grate, 1-1/2" Square Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	66.31	1.88
06 74 13 00-0057	SF		2" Molded Fiberglass Grating, 2" x 2" Mesh, ELS Extremity Low Smoke Resin, Applied Grit Top.....	70.89	2.41
06 74 13 00-0058	SF		1/4" ELS Extremity Low Smoke Resin, Fiberplate Covering.....	52.15	1.50
06 74 13 00-0059	SF		1/2 ELS Extremity Low Smoke Resin, Fiberplate Covering.....	94.17	1.65
06 74 13 00-0060			Pultruded Fiberglass Grating (06 74 13)		
06 74 13 00-0061			ISOFR Isophthalic Polyester Resin System (06 74 13 00-0060)		
			Note: For moderately corrosive environments, green.		
06 74 13 00-0062			1" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)		
06 74 13 00-0063	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	35.89	2.41
06 74 13 00-0064	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	31.82	1.88
06 74 13 00-0065	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	40.62	2.41
06 74 13 00-0066	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	37.54	1.88
06 74 13 00-0067	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	27.94	2.41
06 74 13 00-0068	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, ISOFR Isophthalic Polyester Resin.....	24.71	1.88
06 74 13 00-0069	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	32.04	2.41
06 74 13 00-0070	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	28.90	1.88
06 74 13 00-0071			1-1/2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)		
06 74 13 00-0072	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	40.57	2.41
06 74 13 00-0073	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	36.61	1.88
06 74 13 00-0074	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	45.63	2.41
06 74 13 00-0075	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, ISOFR Isophthalic Polyester Resin.....	42.80	1.88
06 74 13 00-0076	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	35.63	2.41
06 74 13 00-0077	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, ISOFR Isophthalic Polyester Resin.....	32.49	1.88
06 74 13 00-0078			2" ISOFR Isophthalic Polyester Resin System (06 74 13 00-0061)		
06 74 13 00-0079	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	35.11	2.41
06 74 13 00-0080	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, ISOFR Isophthalic Polyester Resin.....	38.89	2.41
06 74 13 00-0081	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	47.08	2.41
06 74 13 00-0082	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, ISOFR Isophthalic Polyester Resin.....	44.41	2.41
06 74 13 00-0083			VERF Vinyl Ester Resin System (06 74 13 00-0060)		
06 74 13 00-0084			1" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0085	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	38.02	1.88
06 74 13 00-0086	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	33.96	1.88
06 74 13 00-0087	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	42.80	1.88
06 74 13 00-0088	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	49.18	1.88
06 74 13 00-0089	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 38% Open, VERF Vinyl Ester Resin.....	29.11	1.88
06 74 13 00-0090	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 38% Open, VERF Vinyl Ester Resin.....	25.98	1.88
06 74 13 00-0091	SF		1" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	33.47	1.88
06 74 13 00-0092	SF		1" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	30.68	1.88
06 74 13 00-0093			1-1/2" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0094	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	41.77	1.88
06 74 13 00-0095	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	37.76	1.88
06 74 13 00-0096	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	47.80	1.88
06 74 13 00-0097	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 40% Open, VERF Vinyl Ester Resin.....	44.61	1.88
06 74 13 00-0098	SF		1-1/2" Pultruded Fiberglass Grate, 6" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	37.51	1.88
06 74 13 00-0099	SF		1-1/2" Pultruded Fiberglass Grate, 12" Bar Space, 25% Open, VERF Vinyl Ester Resin.....	34.52	1.88
06 74 13 00-0100			2" VERF Vinyl Ester Resin System (06 74 13 00-0083)		
06 74 13 00-0101	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	36.91	2.41
06 74 13 00-0102	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 50% Open, VERF Vinyl Ester Resin.....	34.00	2.41
06 74 13 00-0103	SF		2" Pultruded Fiberglass Grate, 6" Bar Space, 33% Open, VERF Vinyl Ester Resin.....	49.60	2.41
06 74 13 00-0104	SF		2" Pultruded Fiberglass Grate, 12" Bar Space, 33% Open, VERF Vinyl Ester Resin.....	48.16	2.41

06 80 Composite Fabrications (06)**06 82 Composite Trim** (06 80)

06 82 00 00-0001 Fiberglass Castings (06 82)

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	06 82 00 00-0002	Fiberglass Angle, Equal Legs <small>(06 82 00 00-0001)</small>		
	06 82 00 00-0003	LF 1" x 1" x 1/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	9.04	3.13
	06 82 00 00-0004	LF 1" x 1" x 1/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	9.49	3.13
	06 82 00 00-0005	LF 3" x 3" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	17.06	3.76
	06 82 00 00-0006	LF 3" x 3" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	18.88	3.76
	06 82 00 00-0007	LF 4" x 4" x 1/4" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	18.99	3.76
	06 82 00 00-0008	LF 4" x 4" x 1/4" Thick Fiberglass Angle, VERF Vinyl Ester Resin	20.30	3.76
	06 82 00 00-0009	LF 4" x 4" x 3/8" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	22.07	3.76
	06 82 00 00-0010	LF 4" x 4" x 3/8" Thick Fiberglass Angle, VERF Vinyl Ester Resin	24.87	3.76
	06 82 00 00-0011	LF 6" x 6" x 1/2" Thick Fiberglass Angle, ISOFR Isophthalic Polyester Resin	59.90	4.71
	06 82 00 00-0012	LF 6" x 6" x 1/2" Thick Fiberglass Angle, VERF Vinyl Ester Resin	68.96	4.71
	06 82 00 00-0013	Fiberglass Channels <small>(06 82 00 00-0001)</small>		
	06 82 00 00-0014	LF 3" x 1" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	10.43	4.71
	06 82 00 00-0015	LF 3" x 1" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin.....	10.88	4.71
	06 82 00 00-0016	LF 4" x 1 1/8" x 1/4" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	22.07	5.33
	06 82 00 00-0017	LF 4" x 1 1/8" x 1/4" Fiberglass Channel, VERF Vinyl Ester Resin.....	22.07	5.33
	06 82 00 00-0018	LF 6" x 1 11/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	34.79	5.33
	06 82 00 00-0019	LF 6" x 1 11/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....	40.51	5.33
	06 82 00 00-0020	LF 8" x 2 3/16" x 3/8" Fiberglass Channel, ISOFR Isophthalic Polyester Resin.....	32.65	5.33
	06 82 00 00-0021	LF 8" x 2 3/16" x 3/8" Fiberglass Channel, VERF Vinyl Ester Resin.....	39.48	5.33
	06 82 00 00-0022	LF 10" x 2-3/4" x 1/2" Fiberglass Channel, ISOFR Isophthalic Polyester Resin	49.74	7.32
	06 82 00 00-0023	LF 10" x 2-3/4" x 1/2" Fiberglass Channel, VERF Vinyl Ester Resin.....	57.11	7.32
	06 82 00 00-0024	Fiberglass Wide Flange Beams <small>(06 82 00 00-0001)</small>		
	06 82 00 00-0025	LF 4" x 4" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	30.15	6.27
	06 82 00 00-0026	LF 4" x 4" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	33.00	6.27
	06 82 00 00-0027	LF 6" x 6" x 1/4" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	38.61	7.53
	06 82 00 00-0028	LF 6" x 6" x 1/4" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	39.97	7.53
	06 82 00 00-0029	LF 8" x 8" x 3/8" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin	62.48	9.41
	06 82 00 00-0030	LF 8" x 8" x 3/8" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin.....	78.57	9.41
	06 82 00 00-0031	LF 10" x 10" x 1/2" Fiberglass Wide Flange Beam, ISOFR Isophthalic Polyester Resin.....	139.46	11.50
	06 82 00 00-0032	LF 10" x 10" x 1/2" Fiberglass Wide Flange Beam, VERF Vinyl Ester Resin	157.07	11.50
	06 82 00 00-0033	Fiberglass Flat Sheet <small>(06 82 00 00-0001)</small>		
		Note: Not to be used for bathroom board.		
	06 82 00 00-0034	SF 1/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	24.90	5.33
	06 82 00 00-0035	SF 1/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	26.02	5.33
	06 82 00 00-0036	SF 1/4" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	39.28	6.27
	06 82 00 00-0037	SF 1/4" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	45.26	6.27
	06 82 00 00-0038	SF 3/8" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	53.37	7.53
	06 82 00 00-0039	SF 3/8" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	62.35	7.53
	06 82 00 00-0040	SF 1/2" Thick Fiberglass Flat Sheet, ISOFR Isophthalic Polyester Resin	72.03	9.41
	06 82 00 00-0041	SF 1/2" Thick Fiberglass Flat Sheet, VERF Vinyl Ester Resin	85.77	9.41
	06 82 00 00-0042	Fiberglass Bars <small>(06 82 00 00-0001)</small>		
	06 82 00 00-0043	Square Bars <small>(06 82 00 00-0042)</small>		
	06 82 00 00-0044	LF 1" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	14.77	3.76
	06 82 00 00-0045	LF 1-1/4" Square Fiberglass Solid Square Bar, ISO Isophthalic Polyester Resin	21.27	5.54
	06 82 00 00-0046	LF 1-1/2" Square Fiberglass Solid Square Bar, ISOFR Isophthalic Polyester Resin	24.96	7.32
	06 82 00 00-0047	Round Bars <small>(06 82 00 00-0042)</small>		
	06 82 00 00-0048	LF 1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	9.44	3.13
	06 82 00 00-0049	LF 1" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	20.39	4.71
	06 82 00 00-0050	LF 1" Diameter Fiberglass Solid Round Bar, VERF Vinyl Ester Resin.....	23.11	4.71
	06 82 00 00-0051	LF 1-1/4" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	30.74	4.71
	06 82 00 00-0052	LF 1-1/2" Diameter Fiberglass Solid Round Bar, ISOFR Isophthalic Polyester Resin	36.76	5.33
	06 82 00 00-0053	Fiberglass Tubes <small>(06 82 00 00-0001)</small>		
	06 82 00 00-0054	Square Tube <small>(06 82 00 00-0053)</small>		
	06 82 00 00-0055	LF 1" x 1" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	10.67	3.13
	06 82 00 00-0056	LF 1" x 1" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	11.55	3.13
	06 82 00 00-0057	LF 2" x 2" x 1/8" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	15.85	3.76
	06 82 00 00-0058	LF 2" x 2" x 1/8" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	17.40	3.76
	06 82 00 00-0059	LF 3" x 3" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	30.41	4.71
	06 82 00 00-0060	LF 3" x 3" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	34.00	4.71
	06 82 00 00-0061	LF 4" x 4" x 1/4" Thick Fiberglass Square Tube, ISOFR Isophthalic Polyester Resin.....	35.78	5.64
	06 82 00 00-0062	LF 4" x 4" x 1/4" Thick Fiberglass Square Tube, VERF Vinyl Ester Resin	45.78	5.64
	06 82 00 00-0063	Round Tube <small>(06 82 00 00-0053)</small>		
	06 82 00 00-0064	LF 1" Diameter x 1/8" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	10.21	3.13
	06 82 00 00-0065	LF 1" Diameter x 1/8" Thick Fiberglass Round Tube, VERF Vinyl Ester Resin	10.61	3.13

06 Wood, Plastics, and Composites**06 80 Composite Fabrications****06 82 Composite Trim**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
06 82 00 00-0066 LF 2" Diameter x 1/4" Thick Fiberglass Round Tube, ISOFR Isophthalic Polyester Resin	19.31	3.76
06 82 00 00-0067 LF 2" Diameter x 1/4" Thick Fiberglass Round Tube, VEFV Vinyl Ester Resin.....	20.62	3.76
06 82 00 00-0068 Fiberglass Threaded Rods (06 82 00 00-0001)		
06 82 00 00-0069 LF 3/8" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin	13.93	2.41
06 82 00 00-0070 LF 1/2" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	14.85	2.41
06 82 00 00-0071 LF 5/8" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin	17.04	2.72
06 82 00 00-0072 LF 3/4" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	18.80	2.72
06 82 00 00-0073 LF 1" Diameter Fiberglass Threaded Rod, VEFV Vinyl Ester Resin.....	20.81	2.72
06 82 00 00-0074 Grating Support Legs, VEFV Resin (06 82 00 00-0001)		
06 82 00 00-0075 EA Grating Support Legs, Fixed Height With Base Miscellaneous Fiberglass Castings	18.51	
06 82 00 00-0076 EA Grate Support Legs Fixed Height Without Base Miscellaneous Fiberglass Castings	7.93	
06 82 00 00-0077 EA Grating Support Legs, Adjustable To 60" Miscellaneous Fiberglass Castings.....	29.83	
06 82 00 00-0078 Fiberglass Netting (06 82 00 00-0001)		
06 82 00 00-0079 SF 1/2" x 1/2" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0080 SF 1/2" x 2" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0081 SF 3/4" x 5/8" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0082 SF 7/8" x 7/8" Mesh, Clear Flexible Fiberglass Netting	0.70	0.33
06 82 00 00-0083 SF 1" x 1" Mesh, Clear Flexible Fiberglass Netting.....	0.70	0.33
06 82 00 00-0084 SF 1/2" x 1/2" Mesh, Green Flexible Fiberglass Netting.....	0.68	0.33
06 82 00 00-0085 SF 1/2" x 2" Mesh, Green Flexible Fiberglass Netting.....	0.68	0.33
06 82 00 00-0086 SF 3/4" x 5/8" Mesh, Green Flexible Fiberglass Netting.....	0.68	0.33
06 82 00 00-0087 SF 7/8" x 7/8" Mesh, Green Flexible Fiberglass Netting.....	0.68	0.33
06 82 00 00-0088 SF 1" x 1" Mesh, Green Flexible Fiberglass Netting.....	0.68	0.33
06 82 00 00-0089 Fiberglass Stair Treads (06 82)		
06 82 00 00-0090 Fiberglass Stair Treads (06 82 00 00-0089)		
06 82 00 00-0091 10-1/2" Deep Isophthalic Resin System (06 82 00 00-0090)		
06 82 00 00-0092 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	102.99	16.42
06 82 00 00-0093 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	120.56	16.42
06 82 00 00-0094 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	138.15	16.42
06 82 00 00-0095 EA 1" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	155.72	16.42
06 82 00 00-0096 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	113.53	16.42
06 82 00 00-0097 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	133.75	16.42
06 82 00 00-0098 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	153.97	16.42
06 82 00 00-0099 EA 1-1/2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	174.18	16.42
06 82 00 00-0100 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 24" Wide Isophthalic Resin System	129.71	16.42
06 82 00 00-0101 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 30" Wide Isophthalic Resin System	153.96	16.42
06 82 00 00-0102 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 36" Wide Isophthalic Resin System	178.22	16.42
06 82 00 00-0103 EA 2" Fiberglass Stair Tread, 10-1/2" Deep x 42" Wide Isophthalic Resin System	202.48	16.42
06 82 00 00-0104 12" Deep Isophthalic Resin System (06 82 00 00-0090)		
06 82 00 00-0105 EA 1" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	113.03	16.42
06 82 00 00-0106 EA 1" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	133.12	16.42
06 82 00 00-0107 EA 1" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	153.22	16.42
06 82 00 00-0108 EA 1" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	173.31	16.42
06 82 00 00-0109 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	125.09	16.42
06 82 00 00-0110 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	148.19	16.42
06 82 00 00-0111 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	171.30	16.42
06 82 00 00-0112 EA 1-1/2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	194.40	16.42
06 82 00 00-0113 EA 2" Fiberglass Stair Tread, 12" Deep x 24" Wide Isophthalic Resin System	143.57	16.42
06 82 00 00-0114 EA 2" Fiberglass Stair Tread, 12" Deep x 30" Wide Isophthalic Resin System	171.30	16.42
06 82 00 00-0115 EA 2" Fiberglass Stair Tread, 12" Deep x 36" Wide Isophthalic Resin System	199.02	16.42
06 82 00 00-0116 EA 2" Fiberglass Stair Tread, 12" Deep x 42" Wide Isophthalic Resin System	226.75	16.42
06 82 00 00-0117 Other Fiberglass (06 82)		
06 82 00 00-0118 Fiberglass Splash Blocks (06 82 00 00-0117)		
06 82 00 00-0119 EA Standard Size Fiberglass Splash Block.....	17.67	3.29

06 83 Composite Paneling (06 80)**06 83 16 Fiberglass Reinforced Paneling (06 83)****06 83 16 00-0001 Fiberglass Reinforced Polyester (FRP) Panels (06 83 16)**

Note: Includes adhesive and trim.

06 83 16 00-0002 SF Fiberglass Reinforced Polyester (FRP) Paneling.....	4.01	1.65
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Note: Including Adhesive And Trim

Wood, Plastics, and Composites	06	06
Composite Fabrications	06 80	
Composite Paneling	06 83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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END OF SECTION 06

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 Thermal And Moisture Protection

07 01 Operation and Maintenance of Thermal and Moisture Protection ⁽⁰⁷⁾

07 01 50 Maintenance of Membrane Roofing ^(07 01)

07 01 50 19 Preparation for Re-Roofing ^(07 01 50)

07 01 50 19-0001 Preparation For Re-Roofing ^(07 01 50 19)

07 01 50 19-0002	SQ	Removal Of Pea Gravel Ballast From Roof, Vacuum And Disposal	35.70
07 01 50 19-0003	SQ	Removal Of Gravel Ballast From Roof, Vacuum And Disposal	62.99

07 01 50 81 Roof Replacement ^(07 01 50)

07 01 50 81-0001 Roof Repair ^(07 01 50 81)

Note: Less than 100 SF areas. Excludes mobilization of crew for small quantity of roof work. See CSI section 07 05 13 00-0001 for mobilization of crew for small quantity of roof work.

07 01 50 81-0002	SF	Up To 10 SF Roof Repair, Built-Up Roofing	19.92
07 01 50 81-0003	SF	>10 To 25 SF Roof Repair, Built-Up Roofing	17.76
07 01 50 81-0004	SF	>25 To 50 SF Roof Repair, Built-Up Roofing	16.13
07 01 50 81-0005	SF	>50 To 100 SF Roof Repair, Built-Up Roofing	15.00
07 01 50 81-0006	SF	Up To 10 SF Roof Repair, Membrane Roofing	22.29
07 01 50 81-0007	SF	>10 To 25 SF Roof Repair, Membrane Roofing	20.14
07 01 50 81-0008	SF	>25 To 50 SF Roof Repair, Membrane Roofing	18.50
07 01 50 81-0009	SF	>50 To 100 SF Roof Repair, Membrane Roofing	17.38
07 01 50 81-0010	SF	Up To 10 SF Roof Repair, Shingle Roofing	17.55
07 01 50 81-0011	SF	>10 To 25 SF Roof Repair, Shingle Roofing	15.63
07 01 50 81-0012	SF	>25 To 50 SF Roof Repair, Shingle Roofing	14.23
07 01 50 81-0013	SF	>50 To 100 SF Roof Repair, Shingle Roofing	13.34
07 01 50 81-0014	LF	Heat Weld Roofing Seams For Repair	6.66

07 01 50 81-0015 Emergency Roof Patch ^(07 01 50 81)

Note: 4 Hour response time.

07 01 50 81-0016	EA	Mobilize For Emergency Roof Patching	643.88
07 01 50 81-0017	EA	Granule Emergency Roof Patch Cover 16 SF	79.70

07 01 50 81-0018 Adhesives ^(07 01 50 81)

Note: For repair of seams.

07 01 50 81-0019 Mastic Sealer ^(07 01 50 81-0018)

07 01 50 81-0020 Applied At Joints Only ^(07 01 50 81-0019)

07 01 50 81-0021	LF	Mastic Sealer, 1/4" Bead At Joint	4.27
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1.83

07 01 50 91 Roofing Restoration ^(07 01 50)

07 01 50 91-0001 Pressure Wash Membrane Roofing ^(07 01 50 91)

07 01 50 91-0002	SF	Up To 2,500 PSI, Pressure Wash Membrane Roofing	0.15
		<i>For Up To 100, Add</i>	<i>0.11</i>
		<i>For >100 To 250, Add</i>	<i>0.05</i>
		<i>For >250 To 500, Add</i>	<i>0.02</i>
		<i>For >5,000 To 10,000, Deduct</i>	<i>-0.01</i>
		<i>For >10,000 To 15,000, Deduct</i>	<i>-0.02</i>
		<i>For >15,000 To 30,000, Deduct</i>	<i>-0.02</i>
		<i>For >30,000, Deduct</i>	<i>-0.03</i>

07 05 Common Work Results for Thermal and Moisture Protection ⁽⁰⁷⁾

07 05 13 Mobilization Of Crew For Small Quantity Of Roof Work ^(07 05)

07 05 13 00-0001 Mobilization Of Crew For Small Quantity Of Roof Work ^(07 05 13)

Note: For use with all roofing tasks where the total quantity of roof work is 4 squares or less.

07 05 13 00-0002	EA	Up To 1 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	1,289.81
07 05 13 00-0003	EA	>1 To 2 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	965.04
07 05 13 00-0004	EA	>2 To 3 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	644.91
07 05 13 00-0005	EA	>3 To 4 SQ, Mobilization Of Crew For Small Quantity Of Roof Work	321.68

07 10 Dampproofing and Waterproofing ⁽⁰⁷⁾

Note: The following tasks are for application to vertical (walls and foundations) surfaces. For horizontal (flat) surfaces apply the appropriate modifier to reduce the labor cost (where listed). Waterproofing is the treatment of a surface or structure to PREVENT the passage of water under hydrostatic pressure. Dampproofing is the treatment of a surface or structure to RESIST the passage of water in the absence of hydrostatic pressure.

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 11 Dampproofing**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**07 11 Dampproofing** (07 10)**07 11 13 Bituminous Dampproofing** (07 11)

07 11 13 00-0001	Fibrous Asphalt Dampproofing, Brush, Roller Or Spray	(07 11 13)		
07 11 13 00-0002	CSF 1 Coat, Fibrous Asphalt Dampproofing, Brush, Roller Or Spray		169.31	
07 11 13 00-0003	CSF 2 Coats, Brush, Roller Or Spray, Fibrous Asphalt Dampproofing		255.15	
07 11 13 00-0004	Fibrous Asphalt Dampproofing, Troweled On	(07 11 13)		
07 11 13 00-0005	CSF Primer And 1 Coat, Fibrous Asphalt Dampproofing, Troweled On		295.53	
07 11 13 00-0006	CSF Primer And 2 Coats, Troweled On, Fibrous Asphalt Dampproofing		465.35	
07 11 13 00-0007	Asphaltic Paint Dampproofing	(07 11 13)		
07 11 13 00-0008	CSF 1 Coat, Asphaltic Paint Dampproofing, Brushed On		134.07	
07 11 13 00-0009	CSF 2 Coats, Brushed On, Asphaltic Paint Dampproofing		248.81	
07 11 19	Sheet Dampproofing	(07 11)		
07 11 19 00-0001	Neoprene	(07 11 19)		
07 11 19 00-0002	SF 1/16" Patch Neoprene Roof (5 To 20 SF)		34.83	

07 13 Sheet Waterproofing (07 10)**07 13 13 Bituminous Sheet Waterproofing** (07 13)

07 13 13 00-0001	15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped	(07 13 13)		
07 13 13 00-0002	CSF 1 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		308.65	103.04
	For 30 LB Felt, Add		76.93	
	For Application To Horizontal Surfaces, Deduct		-30.91	
07 13 13 00-0003	CSF 2 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		393.24	115.92
	For 30 LB Felt, Add		121.05	
	For Application To Horizontal Surfaces, Deduct		-34.78	
07 13 13 00-0004	CSF 3 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		477.83	128.80
	For 30 LB Felt, Add		165.18	
	For Application To Horizontal Surfaces, Deduct		-38.64	
07 13 13 00-0005	CSF 4 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		562.42	141.68
	For 30 LB Felt, Add		209.30	
	For Application To Horizontal Surfaces, Deduct		-42.50	
07 13 13 00-0006	CSF 5 Ply, 15 LB Asphalt Saturated Organic Felt Sheet Waterproofing, Hot-Mopped		647.02	154.56
	For 30 LB Felt, Add		253.43	
	For Application To Horizontal Surfaces, Deduct		-46.37	
07 13 13 00-0007	Asphalt Coated Protective Board	(07 13 13)		
07 13 13 00-0008	CSF 1/8" Asphalt Coated Protective Board		251.85	103.34
	For Application To Horizontal Surfaces, Deduct		-34.47	
07 13 13 00-0009	CSF 1/4" Asphalt Coated Protective Board		321.97	107.32
	For Application To Horizontal Surfaces, Deduct		-35.77	
07 13 13 00-0010	CSF 3/8" Asphalt Coated Protective Board		406.36	111.82
	For Application To Horizontal Surfaces, Deduct		-37.26	
07 13 13 00-0011	CSF 1/2" Asphalt Coated Protective Board		450.35	116.33
	For Application To Horizontal Surfaces, Deduct		-38.78	
07 13 53	Elastomeric Sheet Waterproofing	(07 13)		
07 13 53 00-0001	Rubberized Membrane Sheet	(07 13 53)		
07 13 53 00-0002	SF 215 Mil Rubberized Asphalt Membrane Sheet, Vertical Surface		6.71	1.07
	For Floor Surfaces, Deduct		-1.04	
07 13 53 00-0003	Ethylene Propylene Diene Monomer (EPDM)	(07 13 53)		
07 13 53 00-0004	CSF 45 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane		460.39	150.24
	For Application To Horizontal Surfaces, Deduct		-45.06	
07 13 53 00-0005	CSF 60 Mil Ethylene Propylene Diene Monomer (EPDM) Membrane		534.23	150.24
	For Application To Horizontal Surfaces, Deduct		-45.06	
07 13 53 00-0006	Butyl Sheet Waterproofing	(07 13 53)		
07 13 53 00-0007	CSF 1/32" Butyl Sheet Waterproofing		98.00	37.56
	For Joint Taping, Add		13.55	
	For Each Additional Ply, Add		72.36	
	For Application To Horizontal Surfaces, Deduct		-5.64	
07 13 53 00-0008	CSF 1/16" Butyl Sheet Waterproofing		117.21	37.56
	For Joint Taping, Add		14.52	
	For Each Additional Ply, Add		85.81	
	For Application To Horizontal Surfaces, Deduct		-5.64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 13 53 00-0009 Butyl With Nylon <small>(07 13 53)</small>		
07 13 53 00-0010 CSF 1/32" Butyl Elastomeric Waterproofing With Nylon	108.98	37.56
<i>For Joint Taping, Add</i>	14.10	
<i>For Each Additional Ply, Add</i>	80.05	
<i>For Application To Horizontal Surfaces, Deduct</i>	-5.64	
07 13 53 00-0011 CSF 1/16" Butyl Elastomeric Waterproofing With Nylon	121.33	37.56
<i>For Joint Taping, Add</i>	14.72	
<i>For Each Additional Ply, Add</i>	88.69	
<i>For Application To Horizontal Surfaces, Deduct</i>	-5.64	
07 13 53 00-0012 Neoprene Sheet Waterproofing <small>(07 13 53)</small>		
07 13 53 00-0013 CSF 1/32" Neoprene Sheet Waterproofing	172.16	37.56
<i>For Joint Taping, Add</i>	17.26	
<i>For Each Additional Ply, Add</i>	124.28	
<i>For Application To Horizontal Surfaces, Deduct</i>	-5.64	
07 13 53 00-0014 CSF 1/16" Neoprene Sheet Waterproofing	253.93	37.56
<i>For Joint Taping, Add</i>	21.35	
<i>For Each Additional Ply, Add</i>	181.51	
<i>For Application To Horizontal Surfaces, Deduct</i>	-5.64	
07 13 53 00-0015 Neoprene With Nylon <small>(07 13 53)</small>		
07 13 53 00-0016 CSF 1/32" Neoprene Elastomeric Waterproofing With Nylon	180.69	37.56
<i>For Joint Taping, Add</i>	17.69	
<i>For Each Additional Ply, Add</i>	130.25	
<i>For Application To Horizontal Surfaces, Deduct</i>	-5.64	
07 13 53 00-0017 CSF 1/16" Neoprene Elastomeric Waterproofing With Nylon	267.56	37.56
<i>For Joint Taping, Add</i>	22.03	
<i>For Each Additional Ply, Add</i>	191.06	
<i>For Application To Horizontal Surfaces, Deduct</i>	-5.64	
07 13 53 00-0018 Plastic Vapor Barrier (Polyethylene) <small>(07 13 53)</small>		
07 13 53 00-0019 CSF 4 Mil Polyethylene Vapor Barrier	37.98	13.94
<i>For Joint Taping, Add</i>	8.99	
<i>For Each Additional Ply, Add</i>	29.67	
<i>For Application To Horizontal Surfaces, Deduct</i>	-4.63	
07 13 53 00-0020 CSF 6 Mil Polyethylene Vapor Barrier	39.01	13.94
<i>For Joint Taping, Add</i>	9.05	
<i>For Each Additional Ply, Add</i>	30.39	
<i>For Application To Horizontal Surfaces, Deduct</i>	-4.63	
07 13 53 00-0021 CSF 10 Mil Polyethylene Vapor Barrier	65.20	13.94
<i>For Joint Taping, Add</i>	10.36	
<i>For Each Additional Ply, Add</i>	48.73	
<i>For Application To Horizontal Surfaces, Deduct</i>	-4.63	
07 13 53 00-0022 CSF 60 Mil Polyethylene Vapor Barrier With Bentonite	100.55	13.94
Note: Includes seam tape, liquid mastic, anchors and termination bar.		
<i>For Each Additional Ply, Add</i>	73.81	
<i>For Application To Horizontal Surfaces, Deduct</i>	-5.14	
07 13 53 00-0023 Plastic Vapor Barrier (PVC) <small>(07 13 53)</small>		
07 13 53 00-0024 CSF 10 Mil Polyvinyl Chloride (PVC) Vapor Barrier	44.86	15.43
<i>For Joint Taping, Add</i>	9.34	
<i>For Each Additional Ply, Add</i>	34.49	
<i>For Application To Horizontal Surfaces, Deduct</i>	-4.63	
07 13 53 00-0025 CSF 20 Mil Polyvinyl Chloride (PVC) Vapor Barrier	56.22	16.00
<i>For Joint Taping, Add</i>	10.18	
<i>For Each Additional Ply, Add</i>	42.56	
<i>For Application To Horizontal Surfaces, Deduct</i>	-4.80	
07 13 53 00-0026 CSF 30 Mil Polyvinyl Chloride (PVC) Vapor Barrier	71.35	16.56
<i>For Joint Taping, Add</i>	11.19	
<i>For Each Additional Ply, Add</i>	53.26	
<i>For Application To Horizontal Surfaces, Deduct</i>	-4.97	
07 13 53 00-0027 Vinyl Plastic Vapor Barrier <small>(07 13 53)</small>		
07 13 53 00-0028 CSF 4 Mil Vinyl Plastic Vapor Barrier With Fiberglass Insulation At Joints (Tu-Tuf #4)	44.80	14.28
07 14 Fluid-Applied Waterproofing <small>(07 10)</small>		
07 14 13 Hot Fluid-Applied Rubberized Asphalt Waterproofing <small>(07 14)</small>		
07 14 13 00-0001 Hot Applied Rubberized Asphalt Waterproofing Coating <small>(07 14 13)</small>		
07 14 13 00-0002 SF 90 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.31	
Note: Includes primer.		
<i>For Application To Horizontal Surfaces, Deduct</i>	-0.20	
<i>For Reinforcing Fabric, Add</i>	0.52	
07 14 13 00-0003 SF 125 Mil Hot Applied Rubberized Asphalt Waterproofing Coating, Vertical Surface	2.73	
Note: Includes primer.		
<i>For Application To Horizontal Surfaces, Deduct</i>	-0.21	
<i>For Reinforcing Fabric, Add</i>	0.52	

07 Thermal And Moisture Protection**07 10 Dampproofing and Waterproofing****07 14 Fluid-Applied Waterproofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
07 14 16 Cold Fluid-Applied Waterproofing (07 14)

07 14 16 00-0001	Fluid Applied Rubber Based Polyurethane (07 14 16)		
07 14 16 00-0002	SF 60 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	3.90	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-0.45	
07 14 16 00-0003	SF 90 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	4.48	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-0.48	
07 14 16 00-0004	SF 120 Mil Thick, Applied In 2 Coats, Fluid Applied, Rubber Base, Polyurethane Waterproofing.....	5.12	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-0.51	
07 14 16 00-0005	One Part Solution Of Chlorosulfonated Polyethylene Polymer (07 14 16)		
07 14 16 00-0006	SF 15 Mil Finish Coat, 1 Part Solution, Chlorosulfonated Polyethylene (CSM) Polymer.....	2.61	
07 14 16 00-0007	Copolymer Compound (07 14 16)		
07 14 16 00-0008	SF 32 Mil, Fluid Elastomeric Copolymer Compound For Slabs.....	4.13	
07 14 16 00-0009	Fluid Applied Neoprene (07 14 16)		
07 14 16 00-0010	CSF 1/8" Fiberglass Reinforced, Fluid Applied Neoprene.....	507.85	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-54.73	
07 14 16 00-0011	CSF 50 Mil, 4 Coats, Fluid Applied Neoprene.....	998.66	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-107.37	
07 14 16 00-0012	CSF 90 Mil, 4 Coats, Fluid Applied Neoprene.....	1,638.88	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-160.97	

07 16 Cementitious and Reactive Waterproofing (07 10)

07 16 13	Polymer Modified Cement Waterproofing (07 16)		
07 16 13 00-0001	SF Polymer Modified Cementitious Waterproofing Assembly, 2 Coats.....	4.44	
	Note: As manufactured by Thoro Consumer Products. Includes Thoroseal, Acryl 60, acrylic waterproof coating and white pigmented acrylic copolymer primer.		
07 16 16	Crystalline Waterproofing (07 16)		
07 16 16 00-0001	SF Crystalline Cementitious Waterproofing, 2 Coats (Xypex Concentrate).....	6.03	
07 16 19	Metal Oxide Waterproofing (07 16)		
07 16 19 00-0001	Metallic Oxide Waterproofing (07 16 19)		
	Note: Includes one broom applied bond coat and three brush applied waterproof coats. Excludes concrete repairs to subbase and final protective concrete surface coat. See CSI section 03 54 16 00-0001 for self leveling underlayment for concrete floors, 09 24 33 00-0001 for cement parging.		
07 16 19 00-0002	CSF Catalyzed Metallic Waterproofing Treatment, Metal Oxide Waterproofing (Euclid Iron Waterpeller).....	474.43	
	<i>For Application To Horizontal Surfaces, Deduct</i>	-58.92	

07 17 Bentonite Waterproofing (07 10)

07 17 13	Bentonite Panel Waterproofing (07 17)		
07 17 13 00-0001	CSF 3/16" Bentonite Waterproofing Panels.....	394.43	123.31
	<i>For Application To Horizontal Surfaces, Deduct</i>	-37.00	
07 17 13 00-0002	CSF 1/4" Bentonite Waterproofing Panels.....	370.22	130.28
	<i>For Application To Horizontal Surfaces, Deduct</i>	-40.04	
07 17 13 00-0003	CSF 5/8" Bentonite Waterproofing Panels.....	487.45	135.86
	<i>For Application To Horizontal Surfaces, Deduct</i>	-40.75	
07 17 13 00-0004	CSF 3/8" Granular Bentonite, Troweled.....	394.78	113.00
	<i>For Application To Horizontal Surfaces, Deduct</i>	-33.89	

07 18 Traffic Coatings (07 10)

07 18 13	Pedestrian Traffic Coatings (07 18)		
07 18 13 00-0001	Elastomeric Plaza Deck System (Garland Dura-Walk®) (07 18 13)		
	Note: For pedestrian and vehicular traffic. Includes 10 year warranty. Excludes surface preparation, deck crack repair, joint sealants or markings.		
07 18 13 00-0002	SQ Porous Concrete Primer (Garland Dura-Walk® FC Primer Kit).....	161.34	
07 18 13 00-0003	SQ 32 mils, Base Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	475.25	
07 18 13 00-0004	SQ 16 mils, Wear Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	270.73	
07 18 13 00-0005	SQ 16 mils, Top Coat, One-Component, Polyurethane, Elastomeric Plaza Deck System (Garland Dura-Walk®).....	325.35	
07 18 13 00-0006	LF 6" Wide, Poly Joint Tape (Garland Dura-Walk®).....	1.53	
07 18 16	Vehicular Traffic Coatings (07 18)		
07 18 16 00-0001	Preparation For Vehicular Traffic Coating (07 18 16)		
	See CSI section 03 01 30 71-0038 for crack repairs, 32 17 23 00-0000 for pavement markings.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 18 16 00-0002 SF Grinding Of Existing Concrete Floor Prior To Installation Of Deck Coating	1.12	
07 18 16 00-0003 SF Shot Blasting Concrete Surface For Vehicular Traffic Coating	2.47	
07 18 16 00-0004 Vehicular Traffic Coating (Sika) <small>(07 18 16)</small>		
<small>Note: Excludes surface preparation, deck crack repair, joint sealants or pavement markings. See CSI section 03 01 30 71-0038 for crack repairs, 07 18 16 00-0001 for surface preparation, 32 17 23 00-0000 for pavement markings.</small>		
07 18 16 00-0005 SF 23 Mil Thick, Traffic Coating, Two-Component, Elastomeric Polyurethane Waterproofing, Concrete Coating With Primer (Sika Sikalastic® 720)	3.68	
<small>Note: Excludes crack repair or caulking.</small>		
07 18 16 00-0006 SF 12 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	2.25	
<small>Note: Excludes crack repair or caulking.</small>		
07 18 16 00-0007 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	2.39	
<small>Note: Excludes crack repair or caulking.</small>		
07 18 16 00-0008 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	2.55	
<small>Note: Excludes crack repair or caulking.</small>		
07 18 16 00-0009 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Protective Concrete Coating (Sika Sikalastic®-745 AL)	2.69	
<small>Note: Excludes crack repair or caulking.</small>		
07 18 16 00-0010 SF 14 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	2.61	
<small>Note: Excludes crack repair or caulking.</small>		
07 18 16 00-0011 SF 16 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	2.84	
<small>Note: Excludes crack repair or caulking.</small>		
07 18 16 00-0012 SF 18 Mil Thick, Vehicular Traffic Bearing Two-Component Aliphatic, Elastomeric Polyurethane, Wear And Top Concrete Coating (Sika Sikalastic®-745 Textured)	3.08	
<small>Note: Excludes crack repair or caulking.</small>		
07 19 Water Repellents <small>(07 19)</small>		
07 19 13 Acrylic Sealer <small>(07 19)</small>		
<small>Note: Per coat.</small>		
07 19 13 00-0001 SF Spray On Concrete, Acrylic Sealer	2.37	
07 19 13 00-0002 SF Spray On Concrete Block/Brick, Acrylic Sealer	2.82	
07 19 13 00-0003 SF Spray On Stone, Acrylic Sealer	3.10	
07 19 16 Silane Water Repellents <small>(07 19)</small>		
07 19 16 00-0001 Silane Concrete Sealer <small>(07 19 16)</small>		
07 19 16 00-0002 SF Spray On Concrete, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	0.70	
07 19 16 00-0003 SF Spray On Concrete Block/Brick, Water Based, Silane Penetrating Water Repellent Sealer (Specchem SpecSilane 40 WB)	1.05	
07 19 16 00-0004 Silane/Siloxane Concrete Sealer <small>(07 19 16)</small>		
07 19 16 00-0005 SF Spray On Concrete, Solvent Based, Silane/Siloxane Concrete Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.28	
<small>Note: 40% silane, alcohol based.</small>		
07 19 16 00-0006 SF Spray On Concrete Block/Brick, Solvent Based, Silane/Siloxane Penetrating Water Repellent Sealer (Anti-Hydro Aridox 40)	1.87	
<small>Note: 40% silane, alcohol based.</small>		
07 19 16 00-0007 SF Spray On Concrete, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.48	
<small>Note: 200 SF/GAL</small>		
07 19 16 00-0008 SF Spray On Concrete Block/Masonry, Water-Based, Silane/Siloxane Penetrating Water Repellent Sealer (Prosoco Saltguard WB)	0.71	
07 20 Thermal Protection <small>(07)</small>		
07 21 Thermal Insulation <small>(07 20)</small>		
07 21 13 Board Insulation <small>(07 21)</small>		
<small>Note: Types are stock sizes, mastic applied.</small>		
07 21 13 13 Foam Board Insulation <small>(07 21 13)</small>		
07 21 13 13-0001 Cold Adhesive Applied Foam Board Insulation <small>(07 21 13 13)</small>		
07 21 13 13-0002 Cold Adhesive Applied, Foam Glass (Cellular Glass), Foam Board Insulation <small>(07 21 13 13-0001)</small>		
07 21 13 13-0003 SF 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	4.14	0.39
<small>For Horizontal Surface Application, Deduct</small>		
<small>For Vapor Barrier, Integral With Insulation, Add</small>		
07 21 13 13-0004 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied	5.82	0.40
<small>For Horizontal Surface Application, Deduct</small>		
<small>For Vapor Barrier, Integral With Insulation, Add</small>		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0005	SF	2"	Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	6.95	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0006	SF	2-3/4"	Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Cold Adhesive Applied.....	9.20	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0007			Cold Adhesive Applied, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0001)		
07 21 13 13-0008	SF	3/8"	Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.78	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0009	SF	1/2"	Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	1.87	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0010	SF	3/4"	Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	2.13	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0011	SF	1"	Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	2.40	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0012	SF	2"	Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	3.50	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0013	SF	3"	Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	4.59	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0014	SF	4"	Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	5.67	0.42
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0015	SF	5"	Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	6.76	0.43
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0016	SF	6"	Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS), Cold Adhesive Applied.....	7.86	0.44
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
07 21 13 13-0017			Cold Adhesive Applied, Extruded Polystyrene, Foam Board Insulation (07 21 13 13-0001)		
			Note: 15 PSI compressive strength.		
07 21 13 13-0018	SF	3/8"	Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.05	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.22	
			<i>For 40 PSI Compressive Strength, Add</i>	0.53	
			<i>For 60 PSI Compressive Strength, Add</i>	0.84	
			<i>For 115 PSI Compressive Strength, Add</i>	3.66	
07 21 13 13-0019	SF	1/2"	Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.41	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.28	
			<i>For 40 PSI Compressive Strength, Add</i>	0.67	
			<i>For 60 PSI Compressive Strength, Add</i>	1.05	
			<i>For 115 PSI Compressive Strength, Add</i>	4.59	
07 21 13 13-0020	SF	3/4"	Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.70	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.33	
			<i>For 40 PSI Compressive Strength, Add</i>	0.78	
			<i>For 60 PSI Compressive Strength, Add</i>	1.22	
			<i>For 115 PSI Compressive Strength, Add</i>	5.33	
07 21 13 13-0021	SF	1"	Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	2.80	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.34	
			<i>For 40 PSI Compressive Strength, Add</i>	0.82	
			<i>For 60 PSI Compressive Strength, Add</i>	1.28	
			<i>For 115 PSI Compressive Strength, Add</i>	5.59	
07 21 13 13-0022	SF	2"	Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	4.28	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.58	
			<i>For 40 PSI Compressive Strength, Add</i>	1.37	
			<i>For 60 PSI Compressive Strength, Add</i>	2.13	
			<i>For 115 PSI Compressive Strength, Add</i>	9.34	
07 21 13 13-0023	SF	3"	Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	5.77	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.81	
			<i>For 40 PSI Compressive Strength, Add</i>	1.93	
			<i>For 60 PSI Compressive Strength, Add</i>	2.98	
			<i>For 115 PSI Compressive Strength, Add</i>	13.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0024 SF 4" Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Cold Adhesive Applied.....	6.51	0.42
<i>For Horizontal Surface Application, Deduct</i>	-0.07	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For 25 PSI Compressive Strength, Add</i>	0.93	
<i>For 40 PSI Compressive Strength, Add</i>	2.21	
<i>For 60 PSI Compressive Strength, Add</i>	3.40	
<i>For 115 PSI Compressive Strength, Add</i>	15.00	
07 21 13 13-0025 Mechanically Fastened Foam Board Insulation (07 21 13 13)		
Note: Mechanically fastened to wood or steel.		
07 21 13 13-0026 Mechanically Fastened, Foam Glass (Cellular Glass), Foam Board Insulation (07 21 13 13-0025)		
Note: Mechanically fastened to wood or steel.		
07 21 13 13-0027 SF 1" Thick, R3.44, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	4.08	0.39
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 13-0028 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	5.86	0.40
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 13-0029 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	7.00	0.40
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 21 13 13-0030 SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Foam Board Insulation, Mechanically Fastened.....	9.33	0.41
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 21 13 13-0031 Mechanically Fastened, Expanded Polystyrene, Foam Board Insulation (07 21 13 13-0025)		
07 21 13 13-0032 SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.71	0.39
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 13-0033 SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Foam Board Insulation (MEPS)	1.80	0.39
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 21 13 13-0034	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.07	0.39
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 13-0035	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	2.34	0.39
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 13-0036	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	3.54	0.40
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 21 13 13-0037	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	4.73	0.41
	<i>For Horizontal Surface Application, Deduct</i>	-0.08	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 21 13 13-0038	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	5.96	0.42
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.94	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.76	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.15	
07 21 13 13-0039	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	7.24	0.43
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
	<i>For Mechanically Fastened To Gypsum, Add</i>	2.28	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	7.41	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 21 13 13-0040	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Foam Board Insulation (MEPS).....	8.61	0.44
	<i>For Horizontal Surface Application, Deduct</i>	-0.09	
	<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	

07 21 13 13-0041 Mechanically Fastened, Extruded Polystyrene, Foam Board Insulation (07 21 13

13-0025)

Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0042 SF 3/8" Thick, R1.9, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	1.98	0.39
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.19	
For 40 PSI Compressive Strength, Add	0.46	
For 60 PSI Compressive Strength, Add	0.74	
For 115 PSI Compressive Strength, Add	3.19	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.99	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 21 13 13-0043 SF 1/2" Thick, R2.5, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.34	0.39
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.25	
For 40 PSI Compressive Strength, Add	0.60	
For 60 PSI Compressive Strength, Add	0.95	
For 115 PSI Compressive Strength, Add	4.11	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.99	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 21 13 13-0044 SF 3/4" Thick, R3.7, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.63	0.39
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.30	
For 40 PSI Compressive Strength, Add	0.71	
For 60 PSI Compressive Strength, Add	1.12	
For 115 PSI Compressive Strength, Add	4.86	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.99	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 21 13 13-0045 SF 1" Thick, R5.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	2.74	0.39
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.31	
For 40 PSI Compressive Strength, Add	0.74	
For 60 PSI Compressive Strength, Add	1.18	
For 115 PSI Compressive Strength, Add	5.12	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	1.99	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	2.99	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 21 13 13-0046 SF 2" Thick, R10.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened.....	4.33	0.40
For Horizontal Surface Application, Deduct	-0.08	
For Vapor Barrier, Integral With Insulation, Add	0.05	
For 25 PSI Compressive Strength, Add	0.56	
For 40 PSI Compressive Strength, Add	1.33	
For 60 PSI Compressive Strength, Add	2.08	
For 115 PSI Compressive Strength, Add	9.10	
For Mechanically Fastened To Concrete, Add	1.47	
For Mechanically Fastened To Gypsum, Add	1.86	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.44	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.06	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.67	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 13-0047	SF	3"	Thick, R15.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	5.91	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.81	
			<i>For 40 PSI Compressive Strength, Add</i>	1.93	
			<i>For 60 PSI Compressive Strength, Add</i>	2.98	
			<i>For 115 PSI Compressive Strength, Add</i>	13.11	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 21 13 13-0048	SF	4"	Thick, R20.0, Extruded Polystyrene, Foam Board Insulation, Mechanically Fastened	6.81	0.42
			<i>For Horizontal Surface Application, Deduct</i>	-0.09	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For 25 PSI Compressive Strength, Add</i>	0.95	
			<i>For 40 PSI Compressive Strength, Add</i>	2.26	
			<i>For 60 PSI Compressive Strength, Add</i>	3.50	
			<i>For 115 PSI Compressive Strength, Add</i>	15.40	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.94	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.15	
07 21 13 16			Fibrous Board Insulation <small>(07 21 13)</small>		
07 21 13 16-0001			Cold Adhesive Applied Fibrous Board Insulation <small>(07 21 13 16)</small>		
07 21 13 16-0002			Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation <small>(07 21 13 16-0001)</small>		
07 21 13 16-0003	SF	1"	Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	2.61	0.49
			<i>For Horizontal Surface Application, Deduct</i>	-0.08	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0004	SF	2"	Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	3.87	0.59
			<i>For Horizontal Surface Application, Deduct</i>	-0.10	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0005	SF	3"	Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Cold Adhesive Applied	5.12	0.69
			<i>For Horizontal Surface Application, Deduct</i>	-0.12	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0006			Cold Adhesive Applied, Fiberglass, Fibrous Board Insulation <small>(07 21 13 16-0001)</small>		
07 21 13 16-0007	SF	1"	Thick, R4.2, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	4.78	0.39
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0008	SF	1-1/2"	Thick, R6.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	5.54	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0009	SF	2"	Thick, R8.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	6.85	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0010	SF	2-1/2"	Thick, R10.0, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	7.91	0.40
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0011	SF	3"	Thick, R12.4, Fiberglass, Fibrous Board Insulation, Cold Adhesive Applied	8.98	0.41
			<i>For Horizontal Surface Application, Deduct</i>	-0.07	
			<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
			<i>For Factory Painted On One Surface Add</i>	0.17	
07 21 13 16-0012			Mechanically Fastened Fibrous Board Insulation <small>(07 21 13 16)</small> Note: Mechanically fastened to wood or steel.		
07 21 13 16-0013			Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation <small>(07 21 13 16-0012)</small> Note: Mechanically fastened to wood or steel.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 16-0014 SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	2.42	0.49
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 16-0015 SF 2" Thick, R5.2, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	3.77	0.59
<i>For Horizontal Surface Application, Deduct</i>	-0.10	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 21 13 16-0016 SF 3" Thick, R7.8, Wood Fiber (Cellulosic-Fiber), Fibrous Board Insulation, Mechanically Fastened.....	5.11	0.69
<i>For Horizontal Surface Application, Deduct</i>	-0.12	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 21 13 16-0017 Mechanically Fastened, Fiberglass, Fibrous Board Insulation (07 21 13 16-0012)		
Note: Mechanically fastened to wood or steel.		
07 21 13 16-0018 SF 1" Thick, R4.2, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	4.72	0.39
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 16-0019 SF 1-1/2" Thick, R6.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	5.57	0.40
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 16-0020 SF 2" Thick, R8.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	6.90	0.40
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 21 13 16-0021 SF 2-1/2" Thick, R10.0, Fiberglass, Fibrous Board Insulation, Mechanically Fastened	8.06	0.40
<i>For Horizontal Surface Application, Deduct</i>	-0.08	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.85	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
07 21 13 16-0022	SF	3" Thick, R12.4, Fiberglass, Fibrous Board Insulation, Mechanically Fastened.....	9.12		0.41
		<i>For Horizontal Surface Application, Deduct</i>	-0.08		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.61		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93		
07 21 13 19		Mineral Board Insulation (07 21 13)			
07 21 13 19-0001		Cold Adhesive Applied Mineral Board Insulation (07 21 13 19)			
07 21 13 19-0002		Cold Adhesive Applied, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0001)			
07 21 13 19-0003	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	1.96		0.44
		<i>For Horizontal Surface Application, Deduct</i>	-0.07		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
07 21 13 19-0004	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.34		0.47
		<i>For Horizontal Surface Application, Deduct</i>	-0.08		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
07 21 13 19-0005	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	2.74		0.49
		<i>For Horizontal Surface Application, Deduct</i>	-0.08		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
07 21 13 19-0006	SF	1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	3.44		0.54
		<i>For Horizontal Surface Application, Deduct</i>	-0.09		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
07 21 13 19-0007	SF	2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	4.13		0.59
		<i>For Horizontal Surface Application, Deduct</i>	-0.10		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
07 21 13 19-0008	SF	3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Cold Adhesive Applied	5.52		0.69
		<i>For Horizontal Surface Application, Deduct</i>	-0.12		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
07 21 13 19-0009		Mechanically Fastened Mineral Board Insulation (07 21 13 19)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 19-0010		Mechanically Fastened, High-Density Fiberboard, Mineral Board Insulation (07 21 13 19-0009)			
		Note: Mechanically fastened to wood or steel.			
07 21 13 19-0011	SF	1/2" Thick, R1.3, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	1.77		0.44
		<i>For Horizontal Surface Application, Deduct</i>	-0.07		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63		
07 21 13 19-0012	SF	25/32" Thick, R1.9, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.16		0.47
		<i>For Horizontal Surface Application, Deduct</i>	-0.08		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63		
07 21 13 19-0013	SF	1" Thick, R2.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	2.55		0.49
		<i>For Horizontal Surface Application, Deduct</i>	-0.08		
		<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05		
		<i>For Factory Painted On One Surface Add</i>	0.17		
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43		
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92		
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70		
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	1.99		
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41		
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06		
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	2.99		
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 13 19-0014 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened	3.34	0.54
<i>For Horizontal Surface Application, Deduct</i>	-0.09	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 21 13 19-0015 SF 2" Thick, R5.0, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	4.03	0.59
<i>For Horizontal Surface Application, Deduct</i>	-0.10	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.06	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 21 13 19-0016 SF 3" Thick, R7.5, High-Density Fiberboard, Mineral Board Insulation, Mechanically Fastened.....	5.51	0.69
<i>For Horizontal Surface Application, Deduct</i>	-0.12	
<i>For Vapor Barrier, Integral With Insulation, Add</i>	0.05	
<i>For Factory Painted On One Surface Add</i>	0.17	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 21 16 Blanket Insulation (07 21)		
<i>Note: All insulation rolls or batts applied to wood or steel studs or between rafters or between metal building "skin" and framing.</i>		
07 21 16 00-0001 Fiberglass Flexible Insulation (07 21 16)		
<i>Note: Rolls or batts.</i>		
07 21 16 00-0002 Kraft Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0003 SF 3-1/2" Thick, Kraft Faced, R-11 Fiberglass Flexible Insulation	1.57	0.46
<i>For >1,600, Deduct</i>	-0.18	
07 21 16 00-0004 SF 3-1/2" Thick, Kraft Faced, R-13 Fiberglass Flexible Insulation	1.70	0.46
<i>For >1,600, Deduct</i>	-0.20	
07 21 16 00-0005 SF 3-1/2" Thick, Kraft Faced, R-15 Fiberglass Flexible Insulation	1.75	0.46
<i>For >1,600, Deduct</i>	-0.21	
07 21 16 00-0006 SF 5-1/2" Thick, Kraft Faced, R-21 Fiberglass Flexible Insulation	2.36	0.46
<i>For >1,600, Deduct</i>	-0.33	
07 21 16 00-0007 SF 6-1/4" Thick, Kraft Faced, R-19 Fiberglass Flexible Insulation	1.98	0.46
<i>For >1,600, Deduct</i>	-0.25	
07 21 16 00-0008 SF 9-1/2" Thick, Kraft Faced, R-30 Fiberglass Flexible Insulation	2.78	0.58
<i>For >1,600, Deduct</i>	-0.39	
07 21 16 00-0009 SF 12" Thick, Kraft Faced, R-38 Fiberglass Flexible Insulation.....	3.15	0.58
<i>For >1,600, Deduct</i>	-0.44	
07 21 16 00-0010 Unfaced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0011 SF 3-1/2" Thick, Unfaced, R-11 Fiberglass Flexible Insulation.....	1.48	0.46
<i>For >1,600, Deduct</i>	-0.16	
07 21 16 00-0012 SF 3-1/2" Thick, Unfaced, R-13 Fiberglass Flexible Insulation.....	1.64	0.46
<i>For >1,600, Deduct</i>	-0.19	
07 21 16 00-0013 SF 3-1/2" Thick, Unfaced, R-15 Fiberglass Flexible Insulation.....	2.21	0.46
<i>For >1,600, Deduct</i>	-0.31	
07 21 16 00-0014 SF 5-1/2" Thick, Unfaced, R-21 Fiberglass Flexible Insulation.....	2.26	0.46
<i>For >1,600, Deduct</i>	-0.31	
07 21 16 00-0015 SF 6-1/4" Thick, Unfaced, R-19 Fiberglass Flexible Insulation.....	1.91	0.46
<i>For >1,600, Deduct</i>	-0.23	
07 21 16 00-0016 SF 9-1/2" Thick, Unfaced, R-30 Fiberglass Flexible Insulation.....	2.60	0.58
<i>For >1,600, Deduct</i>	-0.35	
07 21 16 00-0017 SF 12" Thick, Unfaced, R-38 Fiberglass Flexible Insulation.....	3.04	0.58
<i>For >1,600, Deduct</i>	-0.41	
07 21 16 00-0018 Foil Faced, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0019 SF 3-1/2" Thick, Foil Faced, R-11 Fiberglass Flexible Insulation	1.81	0.46
<i>For >1,600, Deduct</i>	-0.23	
07 21 16 00-0020 SF 3-1/2" Thick, Foil Faced, R-13 Fiberglass Flexible Insulation	2.03	0.46
<i>For >1,600, Deduct</i>	-0.27	
07 21 16 00-0021 SF 6-1/4" Thick, Foil Faced, R-19 Fiberglass Flexible Insulation	2.29	0.46
<i>For >1,600, Deduct</i>	-0.31	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 16 00-0022	SF		10-1/4" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	3.25 -0.46	0.58
07 21 16 00-0023	SF		12" Thick, Foil Faced, R-38 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	3.56 -0.52	0.58
07 21 16 00-0024			Poly-Encapsulated, Fiberglass Flexible Insulation (07 21 16 00-0001)		
07 21 16 00-0025	SF		3-1/2" Thick, Poly-Encapsulated, R-11 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	1.61 -0.19	0.46
07 21 16 00-0026	SF		3-1/2" Thick, Poly-Encapsulated, R-13 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	1.75 -0.21	0.46
07 21 16 00-0027	SF		5-1/2" Thick, Poly-Encapsulated, R-21 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.44 -0.35	0.46
07 21 16 00-0028	SF		6-1/2" Thick, Poly-Encapsulated, R-19 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.00 -0.25	0.46
07 21 16 00-0029	SF		8-1/4" Thick, Poly-Encapsulated, R-25 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	2.71 -0.38	0.58
07 21 16 00-0030	SF		10-1/4" Thick, Poly-Encapsulated, R-30 Fiberglass Flexible Insulation <i>For >1,600, Deduct</i>	3.04 -0.41	0.58
07 21 16 00-0031			Mineral Wool Flexible Insulation (07 21 16)		
07 21 16 00-0032			Kraft Faced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0033	SF		3-1/2" Kraft Faced, R-11 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	1.77 -0.22	0.46
07 21 16 00-0034	SF		6-1/4" Kraft Faced, R-19 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	2.38 -0.33	0.46
07 21 16 00-0035	SF		9-1/2" Kraft Faced, R-30 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.77 -0.58	0.46
07 21 16 00-0036	SF		12" Kraft Faced, R-38 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	4.49 -0.70	0.46
07 21 16 00-0037			Unfaced, Mineral Wool Flexible Insulation (07 21 16 00-0031)		
07 21 16 00-0038	SF		3-1/2" Unfaced, R-11 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	1.64 -0.19	0.46
07 21 16 00-0039	SF		6-1/4" Unfaced, R-19 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	2.18 -0.29	0.46
07 21 16 00-0040	SF		9-1/2" Unfaced, R-30 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	3.37 -0.50	0.46
07 21 16 00-0041	SF		12" Unfaced, R-38 Mineral Wool Flexible Insulation..... <i>For >1,600, Deduct</i>	4.01 -0.61	0.46
07 21 16 00-0042			Natural Cotton Insulation (07 21 16)		
07 21 16 00-0043			UltraTouch™ Natural Cotton Insulation (07 21 16 00-0042) Note: 85% recycled denim cotton.		
07 21 16 00-0044	SF		3-1/2", R-13 UltraTouch™ Natural Cotton Insulation <i>For >1,600, Deduct</i>	2.46 -0.36	0.46
07 21 16 00-0045	SF		5-1/2", R-19 UltraTouch™ Natural Cotton Insulation <i>For >1,600, Deduct</i>	2.75 -0.41	0.46
07 21 16 00-0046	SF		5-1/2", R-21 UltraTouch™ Natural Cotton Insulation <i>For >1,600, Deduct</i>	3.09 -0.48	0.46
07 21 16 00-0047	SF		8", R-30 UltraTouch™ Natural Cotton Insulation <i>For >1,600, Deduct</i>	4.14 -0.67	0.46
07 21 19			Foamed-In-Place Insulation (07 21)		
07 21 19 00-0001			Polyurethane Foam Insulation, Sprayed On (07 21 19)		
07 21 19 00-0002	EA		Foamed-In-Place, Spray Polyurethane Insulation Minimum Charge Note: For projects where the total foamed-in-place insulation charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	1,368.79	
07 21 19 00-0003	SF		1" Thick, R3.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation..... <i>For Up To 250 SF, Add</i> <i>For >250 To 500 SF, Add</i> <i>For >500 To 1,000 SF, Add</i> <i>For >5,000 To 10,000 SF, Deduct</i> <i>For >10,000 SF, Deduct</i>	1.44 0.54 0.27 0.11 -0.17 -0.42	
07 21 19 00-0004	SF		1-1/2" Thick, R5.7, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation <i>For Up To 250 SF, Add</i> <i>For >250 To 500 SF, Add</i> <i>For >500 To 1,000 SF, Add</i> <i>For >5,000 To 10,000 SF, Deduct</i> <i>For >10,000 SF, Deduct</i>	1.95 0.70 0.35 0.15 -0.22 -0.55	
07 21 19 00-0005	SF		2" Thick, R7.6, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation..... <i>For Up To 250 SF, Add</i> <i>For >250 To 500 SF, Add</i> <i>For >500 To 1,000 SF, Add</i> <i>For >5,000 To 10,000 SF, Deduct</i> <i>For >10,000 SF, Deduct</i>	2.46 0.87 0.43 0.19 -0.28 -0.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0006 SF 2-1/2" Thick, R9.5, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	2.97	
For Up To 250 SF, Add	1.03	
For >250 To 500 SF, Add	0.52	
For >500 To 1,000 SF, Add	0.22	
For >5,000 To 10,000 SF, Deduct	-0.33	
For >10,000 SF, Deduct	-0.81	
07 21 19 00-0007 SF 3" Thick, R11.4, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	3.48	
For Up To 250 SF, Add	1.19	
For >250 To 500 SF, Add	0.60	
For >500 To 1,000 SF, Add	0.26	
For >5,000 To 10,000 SF, Deduct	-0.39	
For >10,000 SF, Deduct	-0.94	
07 21 19 00-0008 SF 3-1/2" Thick, R13.3, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	3.99	
For Up To 250 SF, Add	1.36	
For >250 To 500 SF, Add	0.68	
For >500 To 1,000 SF, Add	0.29	
For >5,000 To 10,000 SF, Deduct	-0.44	
For >10,000 SF, Deduct	-1.07	
07 21 19 00-0009 SF 4" Thick, R15.2, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	4.50	
For Up To 250 SF, Add	1.52	
For >250 To 500 SF, Add	0.76	
For >500 To 1,000 SF, Add	0.33	
For >5,000 To 10,000 SF, Deduct	-0.49	
For >10,000 SF, Deduct	-1.20	
07 21 19 00-0010 SF 4-1/2" Thick, R17.1, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	5.00	
For Up To 250 SF, Add	1.68	
For >250 To 500 SF, Add	0.84	
For >500 To 1,000 SF, Add	0.36	
For >5,000 To 10,000 SF, Deduct	-0.55	
For >10,000 SF, Deduct	-1.32	
07 21 19 00-0011 SF 5" Thick, R19.0, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	5.52	
For Up To 250 SF, Add	1.85	
For >250 To 500 SF, Add	0.93	
For >500 To 1,000 SF, Add	0.40	
For >5,000 To 10,000 SF, Deduct	-0.60	
For >10,000 SF, Deduct	-1.45	
07 21 19 00-0012 SF 5-1/2" Thick, R20.9, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation	6.04	
For Up To 250 SF, Add	2.02	
For >250 To 500 SF, Add	1.01	
For >500 To 1,000 SF, Add	0.44	
For >5,000 To 10,000 SF, Deduct	-0.66	
For >10,000 SF, Deduct	-1.58	
07 21 19 00-0013 SF 6" Thick, R22.8, 0.5 PCF, Open Cell, Spray Polyurethane Foam Insulation.....	6.54	
For Up To 250 SF, Add	2.18	
For >250 To 500 SF, Add	1.09	
For >500 To 1,000 SF, Add	0.47	
For >5,000 To 10,000 SF, Deduct	-0.71	
For >10,000 SF, Deduct	-1.71	
07 21 19 00-0014 SF 1" Thick, R6.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	2.77	
For Up To 250 SF, Add	1.02	
For >250 To 500 SF, Add	0.51	
For >500 To 1,000 SF, Add	0.22	
For >5,000 To 10,000 SF, Deduct	-0.32	
For >10,000 SF, Deduct	-0.81	
07 21 19 00-0015 SF 1-1/2" Thick, R9.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	3.69	
For Up To 250 SF, Add	1.30	
For >250 To 500 SF, Add	0.65	
For >500 To 1,000 SF, Add	0.28	
For >5,000 To 10,000 SF, Deduct	-0.42	
For >10,000 SF, Deduct	-1.02	
07 21 19 00-0016 SF 2" Thick, R13.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	4.50	
For Up To 250 SF, Add	1.52	
For >250 To 500 SF, Add	0.76	
For >500 To 1,000 SF, Add	0.33	
For >5,000 To 10,000 SF, Deduct	-0.49	
For >10,000 SF, Deduct	-1.20	
07 21 19 00-0017 SF 2-1/2" Thick, R16.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	5.42	
For Up To 250 SF, Add	1.80	
For >250 To 500 SF, Add	0.90	
For >500 To 1,000 SF, Add	0.39	
For >5,000 To 10,000 SF, Deduct	-0.59	
For >10,000 SF, Deduct	-1.41	
07 21 19 00-0018 SF 3" Thick, R19.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	6.22	
For Up To 250 SF, Add	2.02	
For >250 To 500 SF, Add	1.01	
For >500 To 1,000 SF, Add	0.44	
For >5,000 To 10,000 SF, Deduct	-0.66	
For >10,000 SF, Deduct	-1.58	
07 21 19 00-0019 SF 3-1/2" Thick, R22.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.15	
For Up To 250 SF, Add	2.30	
For >250 To 500 SF, Add	1.15	
For >500 To 1,000 SF, Add	0.50	
For >5,000 To 10,000 SF, Deduct	-0.75	
For >10,000 SF, Deduct	-1.80	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 21 Thermal Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 19 00-0020	SF		4" Thick, R26.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	7.96	
			<i>For Up To 250 SF, Add</i>	2.53	
			<i>For >250 To 500 SF, Add</i>	1.26	
			<i>For >500 To 1,000 SF, Add</i>	0.55	
			<i>For >5,000 To 10,000 SF, Deduct</i>	-0.83	
			<i>For >10,000 SF, Deduct</i>	-1.97	
07 21 19 00-0021	SF		4-1/2" Thick, R29.25, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	8.88	
			<i>For Up To 250 SF, Add</i>	2.81	
			<i>For >250 To 500 SF, Add</i>	1.40	
			<i>For >500 To 1,000 SF, Add</i>	0.62	
			<i>For >5,000 To 10,000 SF, Deduct</i>	-0.92	
			<i>For >10,000 SF, Deduct</i>	-2.19	
07 21 19 00-0022	SF		5" Thick, R32.5, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	9.69	
			<i>For Up To 250 SF, Add</i>	3.03	
			<i>For >250 To 500 SF, Add</i>	1.52	
			<i>For >500 To 1,000 SF, Add</i>	0.67	
			<i>For >5,000 To 10,000 SF, Deduct</i>	-1.00	
			<i>For >10,000 SF, Deduct</i>	-2.36	
07 21 19 00-0023	SF		5-1/2" Thick, R35.75, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	10.61	
			<i>For Up To 250 SF, Add</i>	3.31	
			<i>For >250 To 500 SF, Add</i>	1.65	
			<i>For >500 To 1,000 SF, Add</i>	0.73	
			<i>For >5,000 To 10,000 SF, Deduct</i>	-1.09	
			<i>For >10,000 SF, Deduct</i>	-2.58	
07 21 19 00-0024	SF		6" Thick, R39.0, 2.0 PCF, Closed Cell, Spray Polyurethane Foam Insulation	11.42	
			<i>For Up To 250 SF, Add</i>	3.53	
			<i>For >250 To 500 SF, Add</i>	1.77	
			<i>For >500 To 1,000 SF, Add</i>	0.78	
			<i>For >5,000 To 10,000 SF, Deduct</i>	-1.17	
			<i>For >10,000 SF, Deduct</i>	-2.75	
07 21 19 00-0025			Expanding Foam Insulation To Fill Hollow Metal Door Frames (07 21 19)		
07 21 19 00-0026	LF		Expanding Foam Insulation To Fill 4-3/4" Deep Hollow Metal Door Frame	4.78	
07 21 19 00-0027	LF		Expanding Foam Insulation To Fill 5-3/4" Deep Hollow Metal Door Frame	5.97	
07 21 19 00-0028	LF		Expanding Foam Insulation To Fill 6-3/4" Deep Hollow Metal Door Frame	7.16	
07 21 19 00-0029	LF		Expanding Foam Insulation To Fill 6-3/4" Through 8-3/4" Deep Hollow Metal Door Frame	8.40	
07 21 19 00-0030	LF		Expanding Foam Insulation To Fill 8-7/8" Through 13" Deep Hollow Metal Door Frame	9.72	
07 21 19 00-0031			Expanding Foam Insulation To Fill Window Frames (07 21 19)		
07 21 19 00-0032	LF		Expanding Foam Insulation To Fill Window Frame	4.67	
07 21 23			Loose-Fill Insulation (07 21)		
07 21 23 00-0001			Poured Type, Loose Fill Insulation (07 21 23)		
07 21 23 00-0002	CF		R-4/Inch, Poured Type, Fiberglass Loose Fill Insulation	6.82	2.67
07 21 23 00-0003	CF		R-3.8/Inch, Poured Type, Cellulose Loose Fill Insulation	7.08	2.67
07 21 23 00-0004			Concrete Block Wall Cavity Insulation (07 21 23)		
07 21 23 00-0005	CF		R-2.7, Vermiculite Or Perlite, Concrete Block Wall Cavity Insulation	10.10	2.67
07 21 23 00-0006	CF		R-4, Polystyrene Foam, Concrete Block Wall Cavity Insulation	10.00	2.67
07 21 26			Blown Insulation (07 21)		
07 21 26 00-0001			Fiberglass Blown-In Insulation (07 21 26)		
07 21 26 00-0002			Attic, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0003	SF		4-1/2" Thick, R-11 Attic, Fiberglass Blown In Insulation	1.43	1.16
07 21 26 00-0004	SF		5-1/4" Thick, R-13 Attic, Fiberglass Blown In Insulation	1.59	1.27
07 21 26 00-0005	SF		6-1/2" Thick, R-17 Attic, Fiberglass Blown In Insulation	1.76	1.38
07 21 26 00-0006	SF		7-1/2" Thick, R-19 Attic, Fiberglass Blown In Insulation	1.97	1.50
07 21 26 00-0007	SF		8-1/2" Thick, R-22 Attic, Fiberglass Blown In Insulation	2.10	1.56
07 21 26 00-0008	SF		10-1/4" Thick, R-26 Attic, Fiberglass Blown In Insulation	2.27	1.62
07 21 26 00-0009	SF		11-1/2" Thick, R-30 Attic, Fiberglass Blown In Insulation	2.43	1.67
07 21 26 00-0010	SF		12-1/2" Thick, R-32 Attic, Fiberglass Blown In Insulation	2.55	1.73
07 21 26 00-0011	SF		13-1/2" Thick, R-35 Attic, Fiberglass Blown In Insulation	2.74	1.85
07 21 26 00-0012	SF		14-1/2" Thick, R-38 Attic, Fiberglass Blown In Insulation	2.89	1.91
07 21 26 00-0013	SF		16-1/2" Thick, R-44 Attic, Fiberglass Blown In Insulation	3.10	1.96
07 21 26 00-0014	SF		18-1/2" Thick, R-49 Attic, Fiberglass Blown In Insulation	3.37	2.08
07 21 26 00-0015	SF		21-3/4" Thick, R-60 Attic, Fiberglass Blown In Insulation	3.90	2.31
07 21 26 00-0016			New Wall, Fiberglass Blown-In Insulation (07 21 26 00-0001)		
07 21 26 00-0017	SF		3-1/2" Thick, R-15 New Wall, Fiberglass Blown In Insulation	2.11	1.16
07 21 26 00-0018	SF		5-1/2" Thick, R-23 New Wall, Fiberglass Blown In Insulation	2.80	1.38
07 21 26 00-0019	SF		7-1/4" Thick, R-31 New Wall, Fiberglass Blown In Insulation	3.31	1.50
07 21 26 00-0020	SF		9-1/4" Thick, R-39 New Wall, Fiberglass Blown In Insulation	3.94	1.62

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 21 26 00-0021 Existing Wall, Fiberglass Blown-In Insulation <small>(07 21 26 00-0001)</small>		
<small>Note: Includes drilling. Excludes patching.</small>		
07 21 26 00-0022 SF 3-1/2" Thick, R-15 Existing Wall, Fiberglass Blown In Insulation	1.99	1.16
07 21 26 00-0023 SF 5-1/2" Thick, R-23 Existing Wall, Fiberglass Blown In Insulation	2.67	1.38
07 21 26 00-0024 SF 7-1/4" Thick, R-31 Existing Wall, Fiberglass Blown In Insulation	3.19	1.50
07 21 26 00-0025 SF 9-1/4" Thick, R-39 Existing Wall, Fiberglass Blown In Insulation	3.81	1.62
07 21 26 00-0026 Cellulose Blown-In Insulation <small>(07 21 26)</small>		
07 21 26 00-0027 Attic, Cellulose Blown-In Insulation <small>(07 21 26 00-0026)</small>		
07 21 26 00-0028 SF 3-3/4" Thick, R-13 Attic, Cellulose Blown In Insulation	1.47	1.16
07 21 26 00-0029 SF 5-1/2" Thick, R-19 Attic, Cellulose Blown In Insulation	1.75	1.27
07 21 26 00-0030 SF 6-1/4" Thick, R-22 Attic, Cellulose Blown In Insulation	1.94	1.38
07 21 26 00-0031 SF 7-3/4" Thick, R-28 Attic, Cellulose Blown In Insulation	2.25	1.50
07 21 26 00-0032 SF 8-1/2" Thick, R-30 Attic, Cellulose Blown In Insulation	2.29	1.50
07 21 26 00-0033 SF 10-3/4" Thick, R-38 Attic, Cellulose Blown In Insulation	2.66	1.62
07 21 26 00-0034 SF 11-1/4" Thick, R-40 Attic, Cellulose Blown In Insulation	2.72	1.62
07 21 26 00-0035 SF 12-1/2" Thick, R-45 Attic, Cellulose Blown In Insulation	2.97	1.73
07 21 26 00-0036 SF 13-3/4" Thick, R-50 Attic, Cellulose Blown In Insulation	3.15	1.73
07 21 26 00-0037 SF 15-1/2" Thick, R-55 Attic, Cellulose Blown In Insulation	3.41	1.85
07 21 26 00-0038 SF 16-1/2" Thick, R-60 Attic, Cellulose Blown In Insulation	3.57	1.85
07 21 26 00-0039 New Wall, Cellulose Blown-In Insulation <small>(07 21 26 00-0026)</small>		
07 21 26 00-0040 SF 3-1/2" Thick, R-13 New Wall, Cellulose Blown In Insulation	1.95	1.16
07 21 26 00-0041 SF 5-1/2" Thick, R-20 New Wall, Cellulose Blown In Insulation	2.55	1.38
07 21 26 00-0042 SF 7-1/4" Thick, R-27 New Wall, Cellulose Blown In Insulation	2.99	1.50
07 21 26 00-0043 SF 9-1/4" Thick, R-34 New Wall, Cellulose Blown In Insulation	3.51	1.62
07 21 26 00-0044 Existing Wall, Cellulose Blown-In Insulation <small>(07 21 26 00-0026)</small>		
<small>Note: Includes drilling. Excludes patching.</small>		
07 21 26 00-0045 SF 3-1/2" Thick, R-13 Existing Wall, Cellulose Blown In Insulation	1.82	1.16
07 21 26 00-0046 SF 5-1/2" Thick, R-20 Existing Wall, Cellulose Blown In Insulation	2.43	1.38
07 21 26 00-0047 SF 7-1/4" Thick, R-27 Existing Wall, Cellulose Blown In Insulation	2.86	1.50
07 21 26 00-0048 SF 9-1/4" Thick, R-34 Existing Wall, Cellulose Blown In Insulation	3.38	1.62
07 21 29 Sprayed Insulation <small>(07 21)</small>		
07 21 29 00-0001 Fiber Sprayed On Insulation <small>(07 21 29)</small>		
<small>Note: Per each 1" of thickness.</small>		
07 21 29 00-0002 SF 1" Thick, R2.7, Spray-on Perlite Insulation	2.53	0.69
07 21 29 00-0003 SF 1" Thick, R3.7, Spray-on Fibrous/Cementitious Insulation	1.84	0.69
07 21 29 00-0004 Cellulose Sprayed On Insulation <small>(07 21 29)</small>		
07 21 29 00-0005 SF 1" Thick, Spray-on Cellulose Insulation	3.72	0.69
07 21 53 Reflective Insulation <small>(07 21)</small>		
07 21 53 00-0001 Reflective Barrier Insulation (Foil - Single Bubble - Foil) <small>(07 21 53)</small>		
07 21 53 00-0002 SF 3/16" Nominal Thickness, Reflective Barrier Insulation, With Single Bubble Air Space	1.15	
07 22 Roof and Deck Insulation <small>(07 20)</small>		
07 22 16 Roof Board Insulation <small>(07 22)</small>		
<small>Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. Types are stock sizes set in cold applied adhesive. Apply modifiers for specified alternate attachment.</small>		
07 22 16 00-0001 Rigid Board Roofing Insulation <small>(07 22 16)</small>		
<small>Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements. See CSI section 07 22 16 00-0466 for demolition of insulation board.</small>		
07 22 16 00-0002 Cold Adhesive Applied Rigid Board Roofing Insulation <small>(07 22 16 00-0001)</small>		
07 22 16 00-0003 Cold Adhesive Applied, High-Density Fiberboard, Roof Board Insulation <small>(07 22 16 00-0002)</small>		
07 22 16 00-0004 SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.37	
07 22 16 00-0005 SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	2.79	
07 22 16 00-0006 SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.20	
07 22 16 00-0007 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	3.95	
07 22 16 00-0008 SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Cold Adhesive Applied	4.69	
07 22 16 00-0009 Cold Adhesive Applied, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation <small>(07 22 16 00-0002)</small>		
07 22 16 00-0010 SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	2.57	
07 22 16 00-0011 SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Cold Adhesive Applied	3.07	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0012	Cold Adhesive Applied, Perlite, Roof Board Insulation <small>(07 22 16 00-0002)</small>		
07 22 16 00-0013	SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.32	
07 22 16 00-0014	SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.32	
07 22 16 00-0015	SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.58	
07 22 16 00-0016	SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Cold Adhesive Applied	2.88	
07 22 16 00-0017	SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Cold Adhesive Applied	3.61	
07 22 16 00-0018	SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Cold Adhesive Applied	4.07	
07 22 16 00-0019	Cold Adhesive Applied, Basalt Mineral Wool, Roof Board Insulation <small>(07 22 16 00-0002)</small>		
07 22 16 00-0020	SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	3.28	
07 22 16 00-0021	SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	4.44	
07 22 16 00-0022	SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Cold Adhesive Applied	5.82	
07 22 16 00-0023	Cold Adhesive Applied, Foam Glass (Cellular Glass), Roof Board Insulation <small>(07 22 16 00-0002)</small>		
07 22 16 00-0024	SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	6.20	
07 22 16 00-0025	SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	7.33	
07 22 16 00-0026	SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	9.59	
07 22 16 00-0027	SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Cold Adhesive Applied	12.30	
07 22 16 00-0028	Cold Adhesive Applied, Molded Expanded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0002)</small>		
07 22 16 00-0029	SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.22	
	<i>For Loose-Laid, Deduct</i>	-1.23	
07 22 16 00-0030	SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.31	
	<i>For Loose-Laid, Deduct</i>	-1.23	
07 22 16 00-0031	SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.57	
	<i>For Loose-Laid, Deduct</i>	-1.23	
07 22 16 00-0032	SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	2.85	
	<i>For Loose-Laid, Deduct</i>	-1.23	
07 22 16 00-0033	SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	3.96	
	<i>For Loose-Laid, Deduct</i>	-1.25	
07 22 16 00-0034	SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	5.05	
	<i>For Loose-Laid, Deduct</i>	-1.26	
07 22 16 00-0035	SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	6.15	
	<i>For Loose-Laid, Deduct</i>	-1.27	
07 22 16 00-0036	SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	7.25	
	<i>For Loose-Laid, Deduct</i>	-1.29	
07 22 16 00-0037	SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Cold Adhesive Applied	8.36	
	<i>For Loose-Laid, Deduct</i>	-1.30	
07 22 16 00-0038	Cold Adhesive Applied, Extruded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0002)</small>		
	Note: 15 PSI compressive strength.		
07 22 16 00-0039	SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.07	
	<i>For Loose-Laid, Deduct</i>	-1.19	
	<i>For 25 PSI Compressive Strength, Add</i>	0.33	
	<i>For 40 PSI Compressive Strength, Add</i>	0.78	
	<i>For 60 PSI Compressive Strength, Add</i>	1.24	
	<i>For 115 PSI Compressive Strength, Add</i>	5.37	
07 22 16 00-0040	SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	3.18	
	<i>For Loose-Laid, Deduct</i>	-1.20	
	<i>For 25 PSI Compressive Strength, Add</i>	0.34	
	<i>For 40 PSI Compressive Strength, Add</i>	0.82	
	<i>For 60 PSI Compressive Strength, Add</i>	1.30	
	<i>For 115 PSI Compressive Strength, Add</i>	5.63	
07 22 16 00-0041	SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.01	
	<i>For Loose-Laid, Deduct</i>	-1.20	
	<i>For 25 PSI Compressive Strength, Add</i>	0.48	
	<i>For 40 PSI Compressive Strength, Add</i>	1.13	
	<i>For 60 PSI Compressive Strength, Add</i>	1.78	
	<i>For 100 PSI Compressive Strength, Add</i>	2.29	
	<i>For 115 PSI Compressive Strength, Add</i>	7.76	
07 22 16 00-0042	SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	4.66	
	<i>For Loose-Laid, Deduct</i>	-1.21	
	<i>For 25 PSI Compressive Strength, Add</i>	0.58	
	<i>For 40 PSI Compressive Strength, Add</i>	1.37	
	<i>For 60 PSI Compressive Strength, Add</i>	2.15	
	<i>For 115 PSI Compressive Strength, Add</i>	9.38	
07 22 16 00-0043	SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	5.56	
	<i>For Loose-Laid, Deduct</i>	-1.21	
	<i>For 25 PSI Compressive Strength, Add</i>	0.72	
	<i>For 40 PSI Compressive Strength, Add</i>	1.71	
	<i>For 60 PSI Compressive Strength, Add</i>	2.67	
	<i>For 100 PSI Compressive Strength, Add</i>	3.44	
	<i>For 115 PSI Compressive Strength, Add</i>	11.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0044 SF 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.16	
<i>For Loose-Laid, Deduct</i>	-1.22	
<i>For 25 PSI Compressive Strength, Add</i>	0.81	
<i>For 40 PSI Compressive Strength, Add</i>	1.93	
<i>For 60 PSI Compressive Strength, Add</i>	3.00	
<i>For 115 PSI Compressive Strength, Add</i>	13.16	
07 22 16 00-0045 SF 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Cold Adhesive Applied	6.91	
<i>For Loose-Laid, Deduct</i>	-1.23	
<i>For 25 PSI Compressive Strength, Add</i>	0.93	
<i>For 40 PSI Compressive Strength, Add</i>	2.21	
<i>For 60 PSI Compressive Strength, Add</i>	3.42	
<i>For 115 PSI Compressive Strength, Add</i>	15.04	
07 22 16 00-0046 Cold Adhesive Applied, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0002)		
07 22 16 00-0047 SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	2.74	
<i>For Loose-Laid, Deduct</i>	-1.19	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.17	
07 22 16 00-0048 SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	2.86	
<i>For Loose-Laid, Deduct</i>	-1.20	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.18	
07 22 16 00-0049 SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	3.02	
<i>For Loose-Laid, Deduct</i>	-1.20	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.20	
07 22 16 00-0050 SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	3.46	
<i>For Loose-Laid, Deduct</i>	-1.21	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.24	
07 22 16 00-0051 SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	3.91	
<i>For Loose-Laid, Deduct</i>	-1.21	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.29	
07 22 16 00-0052 SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	4.36	
<i>For Loose-Laid, Deduct</i>	-1.22	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.33	
07 22 16 00-0053 SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	4.84	
<i>For Loose-Laid, Deduct</i>	-1.23	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.38	
07 22 16 00-0054 SF 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Cold Adhesive Applied.....	5.27	
<i>For Loose-Laid, Deduct</i>	-1.23	
<i>For Foil Facer, Add</i>	0.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.42	
07 22 16 00-0055 Cold Adhesive Applied, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0002)		
07 22 16 00-0056 SF 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Cold Adhesive Applied.....	3.10	
07 22 16 00-0057 Cold Adhesive Applied, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0002)		
07 22 16 00-0058 SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	2.93	
07 22 16 00-0059 SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.11	
07 22 16 00-0060 SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.24	
07 22 16 00-0061 SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Cold Adhesive Applied	3.30	
07 22 16 00-0062 Cold Adhesive Applied, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0002)		
07 22 16 00-0063 SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	2.87	
07 22 16 00-0064 SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.14	
07 22 16 00-0065 SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Cold Adhesive Applied	3.21	
07 22 16 00-0066 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation (07 22 16 00-0002)		
<i>Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.</i>		
07 22 16 00-0067 SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.02	
07 22 16 00-0068 SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.28	
07 22 16 00-0069 SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.63	
07 22 16 00-0070 SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.85	
07 22 16 00-0071 SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.36	
07 22 16 00-0072 SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.58	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0073 SF 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Cold Adhesive Applied.....	6.91	
07 22 16 00-0074 Cold Adhesive Applied, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0002) Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer.		
07 22 16 00-0075 SF 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.07	
07 22 16 00-0076 SF 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	5.53	
07 22 16 00-0077 SF 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.08	
07 22 16 00-0078 SF 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.43	
07 22 16 00-0079 SF 4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	6.88	
07 22 16 00-0080 SF 5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	7.37	
07 22 16 00-0081 SF 5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Cold Adhesive Applied	8.24	
07 22 16 00-0082 Hot-Mopped Rigid Board Roofing Insulation (07 22 16 00-0001)		
07 22 16 00-0083 Hot-Mopped, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0084 SF 1/2" Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	2.11	
07 22 16 00-0085 SF 25/32" Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	2.52	
07 22 16 00-0086 SF 1" Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	2.94	
07 22 16 00-0087 SF 1-1/2" Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	3.69	
07 22 16 00-0088 SF 2" Thick, R5, High-Density Fiberboard, Roof Board Insulation, Hot-Mopped.....	4.45	
07 22 16 00-0089 Hot-Mopped, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0090 SF 1/2" Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.30	
07 22 16 00-0091 SF 1" Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Hot-Mopped	2.81	
07 22 16 00-0092 Hot-Mopped, Perlite, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0093 SF 1/2" Thick, R1.32, Perlite, Roof Board Insulation, Hot-Mopped	2.04	
07 22 16 00-0094 SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Hot-Mopped	2.28	
07 22 16 00-0095 SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Hot-Mopped	2.59	
07 22 16 00-0096 SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Hot-Mopped	3.31	
07 22 16 00-0097 SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Hot-Mopped	3.78	
07 22 16 00-0098 Hot-Mopped, Basalt Mineral Wool, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0099 SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	2.99	
07 22 16 00-0100 SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	4.14	
07 22 16 00-0101 SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Hot-Mopped.....	5.55	
07 22 16 00-0102 Hot-Mopped, Foam Glass (Cellular Glass), Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0103 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	5.91	
07 22 16 00-0104 SF 2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped.....	7.04	
07 22 16 00-0105 SF 2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	9.31	
07 22 16 00-0106 SF 3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Hot-Mopped	12.03	
07 22 16 00-0107 Hot-Mopped, Molded Expanded Polystyrene, Roof Board Insulation (07 22 16 00-0082)		
07 22 16 00-0108 SF 3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped.....	1.94	
07 22 16 00-0109 SF 1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped.....	2.02	
07 22 16 00-0110 SF 3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped.....	2.18	
07 22 16 00-0111 SF 1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	2.56	
07 22 16 00-0112 SF 2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	3.66	
07 22 16 00-0113 SF 3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	4.78	
07 22 16 00-0114 SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	5.88	
07 22 16 00-0115 SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	6.98	
07 22 16 00-0116 SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Hot-Mopped	8.08	
07 22 16 00-0117 Hot-Mopped, Extruded Polystyrene, Roof Board Insulation (07 22 16 00-0082) Note: 15 PSI compressive strength.		
07 22 16 00-0118 SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped	2.78	
For 25 PSI Compressive Strength, Add	0.27	
For 40 PSI Compressive Strength, Add	0.63	
For 60 PSI Compressive Strength, Add	1.02	
For 115 PSI Compressive Strength, Add	4.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0119 SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	2.88 0.28 0.67 1.07 4.61	
07 22 16 00-0120 SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 100 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	3.72 0.41 0.98 1.56 2.00 6.77	
07 22 16 00-0121 SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	4.50 0.52 1.22 1.93 8.40	
07 22 16 00-0122 SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 100 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	15.69 0.66 1.57 2.97 3.67 11.75	
07 22 16 00-0123 SF 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	5.89 0.75 1.78 2.78 12.17	
07 22 16 00-0124 SF 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Hot-Mopped <i>For 25 PSI Compressive Strength, Add</i> <i>For 40 PSI Compressive Strength, Add</i> <i>For 60 PSI Compressive Strength, Add</i> <i>For 115 PSI Compressive Strength, Add</i>	6.64 0.87 2.06 3.20 14.05	
07 22 16 00-0125 Hot-Mopped, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0082)		
07 22 16 00-0126 SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	2.45 0.36 0.13	
07 22 16 00-0127 SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	2.56 0.36 0.14	
07 22 16 00-0128 SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	2.73 0.36 0.16	
07 22 16 00-0129 SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	3.17 0.36 0.20	
07 22 16 00-0130 SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	3.65 0.36 0.25	
07 22 16 00-0131 SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	4.09 0.36 0.29	
07 22 16 00-0132 SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	4.45 0.36 0.34	
07 22 16 00-0133 SF 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Hot-Mopped <i>For Foil Facer, Add</i> <i>For 25 PSI Compressive Strength, Add</i>	5.00 0.36 0.38	
07 22 16 00-0134 Hot-Mopped, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0082)		
07 22 16 00-0135 SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.67	
07 22 16 00-0136 SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.85	
07 22 16 00-0137 SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	2.98	
07 22 16 00-0138 SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Hot-Mopped	3.04	
07 22 16 00-0139 Hot-Mopped, Glass-Mat, Roof Board Insulation (USG Securock) (07 22 16 00-0082)		
07 22 16 00-0140 SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.61	
07 22 16 00-0141 SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.88	
07 22 16 00-0142 SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Hot-Mopped	2.94	
07 22 16 00-0143 Mechanically Fastened Rigid Board Roofing Insulation (07 22 16 00-0001)		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0144 Mechanically Fastened, High-Density Fiberboard, Roof Board Insulation (07 22 16 00-0143)		
Note: Mechanically fastened to wood or steel.		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0145	SF	1/2"	Thick, R1.3, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	2.18	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.27	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0146	SF	25/32"	Thick, R1.9, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	2.61	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.32	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.30	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0147	SF	1"	Thick, R2.5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	3.01	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.34	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.32	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0148	SF	1-1/2"	Thick, R3.8, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	3.85	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0149	SF	2"	Thick, R5, High-Density Fiberboard, Roof Board Insulation, Mechanically Fastened.....	4.59	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 22 16 00-0150			Mechanically Fastened, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation <small>(07 22 16 00-0143)</small>		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0151	SF	1/2"	Thick, R1.3, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened.....	2.38	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.34	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.32	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0152	SF	1"	Thick, R2.6, Wood Fiber (Cellulosic-Fiber), Roof Board Insulation, Mechanically Fastened.....	2.88	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.34	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.32	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0153			Mechanically Fastened, Perlite, Roof Board Insulation <small>(07 22 16 00-0143)</small>		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0154	SF	1/2"	Thick, R1.32, Perlite, Roof Board Insulation, Mechanically Fastened.....	2.13	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.24	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.22	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0155 SF 3/4" Thick, R2.08, Perlite, Roof Board Insulation, Mechanically Fastened	2.39	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.25	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0156 SF 1" Thick, R2.78, Perlite, Roof Board Insulation, Mechanically Fastened	2.69	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.25	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0157 SF 1-1/2" Thick, R4.17, Perlite, Roof Board Insulation, Mechanically Fastened	3.51	
For Mechanically Fastened To Concrete, Add	1.47	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0158 SF 2" Thick, R5.56, Perlite, Roof Board Insulation, Mechanically Fastened	3.97	
For Mechanically Fastened To Concrete, Add	1.47	
For Mechanically Fastened To Gypsum, Add	1.86	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.44	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.67	
07 22 16 00-0159 Mechanically Fastened, Basalt Mineral Wool, Roof Board Insulation <small>(07 22 16 00-0143)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0160 SF 1" Thick, R3.5, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	3.09	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.25	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0161 SF 2" Thick, R7.4, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	4.33	
For Mechanically Fastened To Concrete, Add	1.47	
For Mechanically Fastened To Gypsum, Add	1.86	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.44	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.67	
07 22 16 00-0162 SF 3" Thick, R11.1, Basalt Mineral Wool, Roof Board Insulation, Mechanically Fastened	5.81	
For Mechanically Fastened To Concrete, Add	1.52	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.55	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.65	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.65	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.93	
07 22 16 00-0163 Mechanically Fastened, Foam Glass (Cellular Glass), Roof Board Insulation <small>(07 22 16 00-0143)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0164 SF 1-1/2" Thick, R5.16, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened	6.10	
For Mechanically Fastened To Concrete, Add	1.47	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 22 16 00-0165	SF	2" Thick, R6.88, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	7.23	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 22 16 00-0166	SF	2-3/4" Thick, R8.17, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	9.58	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.55	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.65	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.65	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0167	SF	3-1/2" Thick, R12.04, Foam Glass (Cellular Glass), Roof Board Insulation, Mechanically Fastened.....	12.44	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.87	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.05	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.41	
07 22 16 00-0168		Mechanically Fastened, Molded Expanded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0143)</small>		
		Note: Mechanically fastened to wood or steel.		
07 22 16 00-0169	SF	3/8" Thick, R1.44, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.03	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.27	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.25	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0170	SF	1/2" Thick, R1.93, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.12	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.27	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.25	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0171	SF	3/4" Thick, R2.89, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.39	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.27	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.25	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0172	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	2.66	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.27	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.25	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0173	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	3.85	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 22 16 00-0174	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened.....	5.04	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
		<i>For Mechanically Fastened To Gypsum, Add</i>	1.95	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.57	
		<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.65	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.67	
		<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0175 SF 4" Thick, R15.40, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	6.29	
For Mechanically Fastened To Concrete, Add	1.56	
For Mechanically Fastened To Gypsum, Add	1.94	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.76	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.15	
07 22 16 00-0176 SF 5" Thick, R19.25, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	7.58	
For Mechanically Fastened To Concrete, Add	1.60	
For Mechanically Fastened To Gypsum, Add	1.90	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.60	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.31	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.92	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.77	
07 22 16 00-0177 SF 6" Thick, R23.1, Molded Expanded Polystyrene, Roof Board Insulation (MEPS), Mechanically Fastened	9.20	
For Mechanically Fastened To Concrete, Add	1.65	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.92	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.57	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.55	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	4.39	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	5.15	
07 22 16 00-0178 Mechanically Fastened, Extruded Polystyrene, Roof Board Insulation <small>(07 22 16 00-0143)</small>		
Note: 15 PSI compressive strength. Mechanically fastened to wood or steel.		
07 22 16 00-0179 SF 3/4" Thick, R3.7, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.88	
For 25 PSI Compressive Strength, Add	0.30	
For 40 PSI Compressive Strength, Add	0.71	
For 60 PSI Compressive Strength, Add	1.13	
For 115 PSI Compressive Strength, Add	4.88	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.25	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0180 SF 1" Thick, R5.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	2.99	
For 25 PSI Compressive Strength, Add	0.31	
For 40 PSI Compressive Strength, Add	0.74	
For 60 PSI Compressive Strength, Add	1.19	
For 115 PSI Compressive Strength, Add	5.14	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.25	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0181 SF 1-1/2" Thick, R7.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	3.91	
For 25 PSI Compressive Strength, Add	0.46	
For 40 PSI Compressive Strength, Add	1.09	
For 60 PSI Compressive Strength, Add	1.72	
For 100 PSI Compressive Strength, Add	2.21	
For 115 PSI Compressive Strength, Add	7.50	
For Mechanically Fastened To Concrete, Add	1.47	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0182 SF 2" Thick, R10.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	4.56	
For 25 PSI Compressive Strength, Add	0.56	
For 40 PSI Compressive Strength, Add	1.33	
For 60 PSI Compressive Strength, Add	2.09	
For 115 PSI Compressive Strength, Add	9.13	
For Mechanically Fastened To Concrete, Add	1.47	
For Mechanically Fastened To Gypsum, Add	1.86	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.44	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.67	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0183	SF 2-1/2" Thick, R12.5, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened	5.55
	For 25 PSI Compressive Strength, Add	0.72
	For 40 PSI Compressive Strength, Add	1.71
	For 60 PSI Compressive Strength, Add	2.66
	For 100 PSI Compressive Strength, Add	3.43
	For 115 PSI Compressive Strength, Add	11.67
	For Mechanically Fastened To Concrete, Add	1.52
	For Mechanically Fastened To Gypsum, Add	1.89
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.56
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.85
07 22 16 00-0184	SF 3" Thick, R15.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	6.15
	For 25 PSI Compressive Strength, Add	0.81
	For 40 PSI Compressive Strength, Add	1.93
	For 60 PSI Compressive Strength, Add	2.99
	For 115 PSI Compressive Strength, Add	13.14
	For Mechanically Fastened To Concrete, Add	1.52
	For Mechanically Fastened To Gypsum, Add	1.95
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.55
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.65
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.65
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.93
07 22 16 00-0185	SF 4" Thick, R20.0, Extruded Polystyrene, Roof Board Insulation, Mechanically Fastened.....	7.06
	For 25 PSI Compressive Strength, Add	0.95
	For 40 PSI Compressive Strength, Add	2.26
	For 60 PSI Compressive Strength, Add	3.51
	For 115 PSI Compressive Strength, Add	15.43
	For Mechanically Fastened To Concrete, Add	1.56
	For Mechanically Fastened To Gypsum, Add	1.94
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.76
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.15
07 22 16 00-0186	Mechanically Fastened, Polyisocyanurate Board Roofing Insulation (07 22 16 00-0143)	
	Note: Mechanically fastened to wood or steel.	
07 22 16 00-0187	SF 3/4" Thick, R4.3, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.56
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.15
	For Mechanically Fastened To Concrete, Add	1.43
	For Mechanically Fastened To Gypsum, Add	1.92
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.25
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63
07 22 16 00-0188	SF 1" Thick, R5.7, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.67
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.16
	For Mechanically Fastened To Concrete, Add	1.43
	For Mechanically Fastened To Gypsum, Add	1.92
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.25
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.23
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63
07 22 16 00-0189	SF 1-1/2" Thick, R8.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	2.92
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.19
	For Mechanically Fastened To Concrete, Add	1.47
	For Mechanically Fastened To Gypsum, Add	1.92
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63
07 22 16 00-0190	SF 2" Thick, R11.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.36
	For Foil Facer, Add	0.36
	For 25 PSI Compressive Strength, Add	0.23
	For Mechanically Fastened To Concrete, Add	1.47
	For Mechanically Fastened To Gypsum, Add	1.86
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05
	For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.44
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09
	For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.67

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0191 SF 2-1/2" Thick, R14.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	3.90	
For Foil Facer, Add	0.36	
For 25 PSI Compressive Strength, Add	0.28	
For Mechanically Fastened To Concrete, Add	1.52	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.54	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.56	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.64	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.85	
07 22 16 00-0192 SF 3" Thick, R17.4, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.35	
For Foil Facer, Add	0.36	
For 25 PSI Compressive Strength, Add	0.33	
For Mechanically Fastened To Concrete, Add	1.52	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.55	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.65	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.65	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.93	
07 22 16 00-0193 SF 3-1/2" Thick, R20.5, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	4.98	
For Foil Facer, Add	0.36	
For 25 PSI Compressive Strength, Add	0.39	
For Mechanically Fastened To Concrete, Add	1.56	
For Mechanically Fastened To Gypsum, Add	1.87	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.05	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.41	
07 22 16 00-0194 SF 4" Thick, R23.6, Polyisocyanurate, Roof Board Insulation, Mechanically Fastened	5.41	
For Foil Facer, Add	0.36	
For 25 PSI Compressive Strength, Add	0.43	
For Mechanically Fastened To Concrete, Add	1.56	
For Mechanically Fastened To Gypsum, Add	1.94	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.76	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.15	
07 22 16 00-0195 Mechanically Fastened, High-Density Polyisocyanurate Cover Board And Roofing Insulation (07 22 16 00-0143)		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0196 SF 1/2" Thick, R2.5, High-Density Polyisocyanurate Cover Board And Roofing Insulation, Mechanically Fastened	2.91	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.29	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.27	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0197 Mechanically Fastened, Gypsum-Fiber, Roof Board Insulation (USG Securock) (07 22 16 00-0143)		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0198 SF 1/4" Thick, R0.2, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.74	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.29	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.27	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0199 SF 3/8" Thick, R0.3, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened	2.92	
For Mechanically Fastened To Concrete, Add	1.43	
For Mechanically Fastened To Gypsum, Add	1.92	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.70	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.29	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.41	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.06	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.27	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.63	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
07 22 16 00-0200	SF 1/2" Thick, R0.5, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	3.05	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0201	SF 5/8" Thick, R0.6, Gypsum-Fiber, Roof Board Insulation (USG Securock Gypsum), Mechanically Fastened.....	3.11	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0202	Mechanically Fastened, Glass-Mat, Roof Board Insulation (USG Securock)		
	<small>(07 22 16 00-0143)</small>		
	Note: Mechanically fastened to wood or steel.		
07 22 16 00-0203	SF 1/4" Thick, R0.36, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	2.68	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0204	SF 1/2" Thick, R0.53, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	2.96	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0205	SF 5/8" Thick, R0.54, Glass-Mat, Roof Board Insulation (USG Securock Glass-Mat), Mechanically Fastened.....	3.02	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.29	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.27	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0206	Mechanically Fastened, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation		
	<small>(07 22 16 00-0143)</small>		
	Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.		
07 22 16 00-0207	SF 1.5" Thick, R6.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	4.92	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 22 16 00-0208	SF 2" Thick, R9.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.18	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.86	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.44	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.67	
07 22 16 00-0209	SF 2.5" Thick, R12.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.62	
	<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
	<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
	<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
	<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.71	
	<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
	<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
	<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.81	
	<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0210 SF 3" Thick, R15.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	5.84	
For Mechanically Fastened To Concrete, Add	1.52	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.71	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.65	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.81	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.93	
07 22 16 00-0211 SF 3.5" Thick, R18.0, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.50	
For Mechanically Fastened To Concrete, Add	1.56	
For Mechanically Fastened To Gypsum, Add	1.87	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.22	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.58	
07 22 16 00-0212 SF 4" Thick, R21.1, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	6.72	
For Mechanically Fastened To Concrete, Add	1.56	
For Mechanically Fastened To Gypsum, Add	1.94	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.76	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.15	
07 22 16 00-0213 SF 4.5" Thick, R24.2, Polyisocyanurate And Oriented Strand Board, Nailbase Roof Board Insulation, Mechanically Fastened	7.24	
For Mechanically Fastened To Concrete, Add	1.60	
For Mechanically Fastened To Gypsum, Add	1.90	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.60	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.49	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.92	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.95	
07 22 16 00-0214 Mechanically Fastened, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation (07 22 16 00-0143)		
Note: Includes a polyisocyanurate foam core bonded to a 7/16" oriented strand board (OSB) facer. Mechanically fastened to wood or steel.		
07 22 16 00-0215 SF 2.5" Thick, R5.7, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.06	
For Mechanically Fastened To Concrete, Add	1.52	
For Mechanically Fastened To Gypsum, Add	1.89	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.69	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.56	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.79	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.85	
07 22 16 00-0216 SF 3" Thick, R8.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	5.52	
For Mechanically Fastened To Concrete, Add	1.52	
For Mechanically Fastened To Gypsum, Add	1.95	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.70	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.65	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.80	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	3.93	
07 22 16 00-0217 SF 3.5" Thick, R11.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.22	
For Mechanically Fastened To Concrete, Add	1.56	
For Mechanically Fastened To Gypsum, Add	1.87	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	3.21	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.57	
07 22 16 00-0218 SF 4" Thick, R14.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	6.57	
For Mechanically Fastened To Concrete, Add	1.56	
For Mechanically Fastened To Gypsum, Add	1.94	
For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add	2.76	
For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add	4.15	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0219	SF		4.5" Thick, R17.4, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	7.20	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.90	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.44	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.90	
07 22 16 00-0220	SF		5" Thick, R20.5, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	7.69	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.90	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.45	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	4.91	
07 22 16 00-0221	SF		5.5" Thick, R23.6, Polyisocyanurate And Oriented Strand Board With Air Vent Spacer Strips, Nailbase Roof Board Insulation, Mechanically Fastened.....	8.83	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.89	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	3.74	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	5.32	
07 22 16 00-0222			Rigid Board Tapered Roofing Insulation <small>(07 22 16)</small> Note: Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or cover board. See CSI section 07 22 16 00-0466 for demolition of insulation board.		
07 22 16 00-0223			Cold Adhesive Applied Rigid Board Tapered Roofing Insulation <small>(07 22 16 00-0222)</small>		
07 22 16 00-0224			Cold Adhesive Applied, Tapered Polyisocyanurate Board <small>(07 22 16 00-0223)</small> Note: Includes polyurethane adhesive.		
07 22 16 00-0225			Cold Adhesive Applied, 1/8" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0224)</small>		
07 22 16 00-0226	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	4.85	
			<i>For 25 PSI Compressive Strength, Add</i>	0.33	
07 22 16 00-0227	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	6.66	
			<i>For 25 PSI Compressive Strength, Add</i>	0.39	
07 22 16 00-0228	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.25	
			<i>For 25 PSI Compressive Strength, Add</i>	0.45	
07 22 16 00-0229	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	7.84	
			<i>For 25 PSI Compressive Strength, Add</i>	0.51	
07 22 16 00-0230	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.43	
			<i>For 25 PSI Compressive Strength, Add</i>	0.57	
07 22 16 00-0231	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.26	
			<i>For 25 PSI Compressive Strength, Add</i>	0.63	
07 22 16 00-0232	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	10.85	
			<i>For 25 PSI Compressive Strength, Add</i>	0.69	
07 22 16 00-0233	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	11.44	
			<i>For 25 PSI Compressive Strength, Add</i>	0.75	
07 22 16 00-0234	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	12.03	
			<i>For 25 PSI Compressive Strength, Add</i>	0.81	
07 22 16 00-0235	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	13.84	
			<i>For 25 PSI Compressive Strength, Add</i>	0.87	
07 22 16 00-0236			Cold Adhesive Applied, 1/4" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0224)</small>		
07 22 16 00-0237	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	4.55	
			<i>For 25 PSI Compressive Strength, Add</i>	0.30	
07 22 16 00-0238	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	6.96	
			<i>For 25 PSI Compressive Strength, Add</i>	0.42	
07 22 16 00-0239	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied.....	8.14	
			<i>For 25 PSI Compressive Strength, Add</i>	0.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0240 SF 5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	10.56	
For 25 PSI Compressive Strength, Add	0.66	
07 22 16 00-0241 SF 6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.74	
For 25 PSI Compressive Strength, Add	0.78	
07 22 16 00-0242 SF 7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.13	
For 25 PSI Compressive Strength, Add	0.90	
07 22 16 00-0243 Cold Adhesive Applied, 1/2" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0224)</small>		
07 22 16 00-0244 SF 3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	7.55	
For 25 PSI Compressive Strength, Add	0.48	
07 22 16 00-0245 SF 5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	11.15	
For 25 PSI Compressive Strength, Add	0.72	
07 22 16 00-0246 SF 7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	14.72	
For 25 PSI Compressive Strength, Add	0.96	
07 22 16 00-0247 SF 9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Cold Adhesive Applied	18.33	
For 25 PSI Compressive Strength, Add	1.20	
07 22 16 00-0248 Cold Adhesive Applied, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0223)</small>		
<small>Note: Includes polyurethane adhesive.</small>		
07 22 16 00-0249 Cold Adhesive Applied, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0248)</small>		
07 22 16 00-0250 SF 2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	4.18	
07 22 16 00-0251 SF 2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.01	
07 22 16 00-0252 SF 3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.45	
07 22 16 00-0253 SF 3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.89	
07 22 16 00-0254 SF 4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.34	
07 22 16 00-0255 SF 4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.17	
07 22 16 00-0256 SF 5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.61	
07 22 16 00-0257 SF 5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.05	
07 22 16 00-0258 SF 6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.50	
07 22 16 00-0259 SF 6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.31	
07 22 16 00-0260 Cold Adhesive Applied, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0248)</small>		
07 22 16 00-0261 SF 2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	3.96	
07 22 16 00-0262 SF 3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.23	
07 22 16 00-0263 SF 4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	7.11	
07 22 16 00-0264 SF 5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.39	
07 22 16 00-0265 SF 6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	10.27	
07 22 16 00-0266 SF 7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.53	
07 22 16 00-0267 Cold Adhesive Applied, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0248)</small>		
07 22 16 00-0268 SF 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	6.67	
07 22 16 00-0269 SF 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	9.83	
07 22 16 00-0270 SF 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	12.98	
07 22 16 00-0271 SF 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Cold Adhesive Applied	16.59	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0272		Cold Adhesive Applied, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0223)</small>	
		Note: Includes polyurethane adhesive.	
07 22 16 00-0273		Cold Adhesive Applied, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0272)</small>	
07 22 16 00-0274	SF	2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	4.71
07 22 16 00-0275	SF	2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	6.53
07 22 16 00-0276	SF	3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.09
07 22 16 00-0277	SF	3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.65
07 22 16 00-0278	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	8.21
07 22 16 00-0279	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.04
07 22 16 00-0280	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.60
07 22 16 00-0281	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.16
07 22 16 00-0282	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.72
07 22 16 00-0283	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	13.53
07 22 16 00-0284		Cold Adhesive Applied, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0272)</small>	
07 22 16 00-0285	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	4.43
07 22 16 00-0286	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	6.81
07 22 16 00-0287	SF	4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.93
07 22 16 00-0288	SF	5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.32
07 22 16 00-0289	SF	6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	11.44
07 22 16 00-0290	SF	7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	13.81
07 22 16 00-0291		Cold Adhesive Applied, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0272)</small>	
07 22 16 00-0292	SF	3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	7.37
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95
07 22 16 00-0293	SF	5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	10.88
07 22 16 00-0294	SF	7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	14.37
07 22 16 00-0295	SF	9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Cold Adhesive Applied.....	17.89
07 22 16 00-0296		Cold Adhesive Applied, Tapered Perlite Board <small>(07 22 16 00-0223)</small>	
		Note: Includes polyurethane adhesive.	
07 22 16 00-0297		Cold Adhesive Applied, 1/8" Slope, Tapered Perlite Board <small>(07 22 16 00-0296)</small>	
07 22 16 00-0298	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	7.08
07 22 16 00-0299	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	8.23
07 22 16 00-0300	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	9.47
07 22 16 00-0301	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.03
07 22 16 00-0302	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	11.27
07 22 16 00-0303	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	12.41
07 22 16 00-0304	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.65
07 22 16 00-0305	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	14.22
07 22 16 00-0306	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	15.45
07 22 16 00-0307	SF	6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	16.60
07 22 16 00-0308		Cold Adhesive Applied, 1/4" Slope, Tapered Perlite Board <small>(07 22 16 00-0296)</small>	
07 22 16 00-0309	SF	2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	6.46
07 22 16 00-0310	SF	3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	8.85
07 22 16 00-0311	SF	4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	10.65
07 22 16 00-0312	SF	5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	13.03
07 22 16 00-0313	SF	6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	14.83
07 22 16 00-0314	SF	7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Cold Adhesive Applied.....	17.21

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	07 22 16 00-0315			Cold Adhesive Applied, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0296)		
	07 22 16 00-0316	SF		3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	10.08	
	07 22 16 00-0317	SF		5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	14.26	
	07 22 16 00-0318	SF		7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	18.45	
	07 22 16 00-0319	SF		9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Cold Adhesive Applied	22.64	
	07 22 16 00-0320			Hot-Mopped Rigid Board Tapered Roofing Insulation (07 22 16 00-0222)		
	07 22 16 00-0321			Hot-Mopped, Tapered Polyisocyanurate Board (07 22 16 00-0320)		
	07 22 16 00-0322			Hot-Mopped, 1/8" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
	07 22 16 00-0323	SF		2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.45	
				<i>For 25 PSI Compressive Strength, Add</i>	0.29	
	07 22 16 00-0324	SF		2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.20	
				<i>For 25 PSI Compressive Strength, Add</i>	0.32	
	07 22 16 00-0325	SF		3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.80	
				<i>For 25 PSI Compressive Strength, Add</i>	0.38	
	07 22 16 00-0326	SF		3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.11	
				<i>For 25 PSI Compressive Strength, Add</i>	0.44	
	07 22 16 00-0327	SF		4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.98	
				<i>For 25 PSI Compressive Strength, Add</i>	0.50	
	07 22 16 00-0328	SF		4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.58	
				<i>For 25 PSI Compressive Strength, Add</i>	0.52	
	07 22 16 00-0329	SF		5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.17	
				<i>For 25 PSI Compressive Strength, Add</i>	0.58	
	07 22 16 00-0330	SF		5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.76	
				<i>For 25 PSI Compressive Strength, Add</i>	0.64	
	07 22 16 00-0331	SF		6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.35	
				<i>For 25 PSI Compressive Strength, Add</i>	0.70	
	07 22 16 00-0332	SF		6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	12.94	
				<i>For 25 PSI Compressive Strength, Add</i>	0.73	
	07 22 16 00-0333			Hot-Mopped, 1/4" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
	07 22 16 00-0334	SF		2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	4.31	
				<i>For 25 PSI Compressive Strength, Add</i>	0.27	
	07 22 16 00-0335	SF		3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	6.50	
				<i>For 25 PSI Compressive Strength, Add</i>	0.35	
	07 22 16 00-0336	SF		4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.68	
				<i>For 25 PSI Compressive Strength, Add</i>	0.47	
	07 22 16 00-0337	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	9.87	
				<i>For 25 PSI Compressive Strength, Add</i>	0.55	
	07 22 16 00-0338	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	11.05	
				<i>For 25 PSI Compressive Strength, Add</i>	0.67	
	07 22 16 00-0339	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.23	
				<i>For 25 PSI Compressive Strength, Add</i>	0.76	
	07 22 16 00-0340			Hot-Mopped, 1/2" Slope, Tapered Polyisocyanurate Board (07 22 16 00-0321)		
	07 22 16 00-0341	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	7.09	
				<i>For 25 PSI Compressive Strength, Add</i>	0.41	
	07 22 16 00-0342	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	10.46	
				<i>For 25 PSI Compressive Strength, Add</i>	0.61	
	07 22 16 00-0343	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	13.83	
				<i>For 25 PSI Compressive Strength, Add</i>	0.82	
	07 22 16 00-0344	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Hot-Mopped	17.20	
				<i>For 25 PSI Compressive Strength, Add</i>	1.02	
	07 22 16 00-0345			Hot-Mopped, Tapered Perlite Board (07 22 16 00-0320)		
	07 22 16 00-0346			Hot-Mopped, 1/8" Slope, Tapered Perlite Board (07 22 16 00-0345)		
	07 22 16 00-0347	SF		2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	6.20	
	07 22 16 00-0348	SF		2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	7.77	
	07 22 16 00-0349	SF		3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	9.01	
	07 22 16 00-0350	SF		3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	8.94	
	07 22 16 00-0351	SF		4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	10.18	
	07 22 16 00-0352	SF		4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	11.73	
	07 22 16 00-0353	SF		5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	12.96	
	07 22 16 00-0354	SF		5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	12.90	
	07 22 16 00-0355	SF		6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	14.14	
	07 22 16 00-0356	SF		6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Hot-Mopped	15.70	
	07 22 16 00-0357			Hot-Mopped, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0345)		
	07 22 16 00-0358	SF		2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	5.58	
	07 22 16 00-0359	SF		3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	8.39	
	07 22 16 00-0360	SF		4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	9.56	
	07 22 16 00-0361	SF		5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	12.35	
	07 22 16 00-0362	SF		6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	13.52	
	07 22 16 00-0363	SF		7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Hot-Mopped	16.32	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0364	Hot-Mopped, 1/2" Slope, Tapered Perlite Board <small>(07 22 16 00-0345)</small>		
07 22 16 00-0365	SF 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	9.62	
07 22 16 00-0366	SF 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	13.58	
07 22 16 00-0367	SF 7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	68.61	
07 22 16 00-0368	SF 9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Hot-Mopped.....	21.50	
07 22 16 00-0369	Mechanically Fastened Tapered Roofing Insulation <small>(07 22 16 00-0222)</small>		
	Note: Mechanically fastened to wood or steel. Includes tapered board and filler board required to maintain slope starting at 1/2" minimum thickness. Excludes base layer of board, if required. Average thickness and average R-value of tapered system excludes thickness and R-value of base layer insulation and/or coverboard.		
07 22 16 00-0370	Mechanically Fastened, Tapered Polyisocyanurate Board <small>(07 22 16 00-0369)</small>		
	Note: Mechanically fastened to wood or steel.		
07 22 16 00-0371	Mechanically Fastened, 1/8" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0370)</small>		
07 22 16 00-0372	SF 2.25" Average Thickness (12.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	4.75	
	For 25 PSI Compressive Strength, Add	0.32	
	For Mechanically Fastened To Concrete, Add	1.47	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.83	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.87	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.05	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.41	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.30	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.09	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.63	
07 22 16 00-0373	SF 2.75" Average Thickness (15.7 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.02	
	For 25 PSI Compressive Strength, Add	0.33	
	For Mechanically Fastened To Concrete, Add	1.52	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.89	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.19	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.56	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.29	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.85	
07 22 16 00-0374	SF 3.25" Average Thickness (18.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.61	
	For 25 PSI Compressive Strength, Add	0.39	
	For Mechanically Fastened To Concrete, Add	1.52	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.95	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	0.99	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.19	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.61	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.48	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.29	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	3.93	
07 22 16 00-0375	SF 3.75" Average Thickness (21.4 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.35	
	For 25 PSI Compressive Strength, Add	0.46	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.87	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.69	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.05	
07 22 16 00-0376	SF 4.25" Average Thickness (24.2 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	7.94	
	For 25 PSI Compressive Strength, Add	0.52	
	For Mechanically Fastened To Concrete, Add	1.56	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.94	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.17	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.38	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.76	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	1.76	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.58	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.15	
07 22 16 00-0377	SF 4.75" Average Thickness (27.1 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.32	
	For 25 PSI Compressive Strength, Add	0.54	
	For Mechanically Fastened To Concrete, Add	1.60	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add	1.90	
	For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add	1.40	
	For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add	2.60	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add	2.91	
	For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add	2.10	
	For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add	3.92	
	For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add	4.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0378 SF 5.25" Average Thickness (30.0 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	9.91	
<i>For 25 PSI Compressive Strength, Add</i>	0.60	
<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0379 SF 5.75" Average Thickness (32.8 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	10.77	
<i>For 25 PSI Compressive Strength, Add</i>	0.68	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	
07 22 16 00-0380 SF 6.25" Average Thickness (35.6 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	11.36	
<i>For 25 PSI Compressive Strength, Add</i>	0.74	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	
07 22 16 00-0381 SF 6.75" Average Thickness (38.5 Average R-Value), 1/8" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	12.83	
<i>For 25 PSI Compressive Strength, Add</i>	0.77	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0382 Mechanically Fastened, 1/4" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0370)</small>		
07 22 16 00-0383 SF 2" Average Thickness (11.4 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	4.45	
<i>For 25 PSI Compressive Strength, Add</i>	0.29	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.83	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0384 SF 3" Average Thickness (17.1 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	6.31	
<i>For 25 PSI Compressive Strength, Add</i>	0.36	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.85	
07 22 16 00-0385 SF 4" Average Thickness (22.8 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened	7.65	
<i>For 25 PSI Compressive Strength, Add</i>	0.49	
<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.87	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.69	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.05	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0386	SF		5" Average Thickness (28.5 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.61	
			<i>For 25 PSI Compressive Strength, Add</i>	0.57	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0387	SF		6" Average Thickness (34.2 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	11.06	
			<i>For 25 PSI Compressive Strength, Add</i>	0.71	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	
07 22 16 00-0388	SF		7" Average Thickness (39.9 Average R-Value), 1/4" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.12	
			<i>For 25 PSI Compressive Strength, Add</i>	0.80	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0389			Mechanically Fastened, 1/2" Slope, Tapered Polyisocyanurate Board <small>(07 22 16 00-0370)</small>		
07 22 16 00-0390	SF		3.5" Average Thickness (20.0 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	6.91	
			<i>For 25 PSI Compressive Strength, Add</i>	0.42	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0391	SF		5.5" Average Thickness (31.4 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	9.83	
			<i>For 25 PSI Compressive Strength, Add</i>	0.59	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0392	SF		7.5" Average Thickness (42.8 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	13.72	
			<i>For 25 PSI Compressive Strength, Add</i>	0.86	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0393	SF		9.5" Average Thickness (54.2 Average R-Value), 1/2" Slope, Tapered Polyisocyanurate Board, Mechanically Fastened.....	17.47	
			<i>For 25 PSI Compressive Strength, Add</i>	1.11	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.83	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.81	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	4.18	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	4.22	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	6.27	
07 22 16 00-0394			Mechanically Fastened, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0389)</small>		
			Note: Mechanically fastened to wood or steel.		
07 22 16 00-0395			Mechanically Fastened, 1/8" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0394)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0396	SF		2.25" Average Thickness (10.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	4.08	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.83	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0397	SF		2.75" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.36	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.85	
07 22 16 00-0398	SF		3.25" Average Thickness (14.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.81	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0399	SF		3.75" Average Thickness (16.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.40	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.87	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.69	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.05	
07 22 16 00-0400	SF		4.25" Average Thickness (19.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.84	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.94	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.76	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.15	
07 22 16 00-0401	SF		4.75" Average Thickness (21.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.23	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0402	SF		5.25" Average Thickness (23.63 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.67	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0403	SF		5.75" Average Thickness (25.88 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.38	
			<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
			<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0404	SF	6.25" Average Thickness (28.13 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.82
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74
07 22 16 00-0405	SF	6.75" Average Thickness (30.38 Average R-Value), 1/8" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.30
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31
07 22 16 00-0406		Mechanically Fastened, 1/4" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0394)</small>	
07 22 16 00-0407	SF	2" Average Thickness (9 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	3.86
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.83
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.63
07 22 16 00-0408	SF	3" Average Thickness (13.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	5.59
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.56
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.85
07 22 16 00-0409	SF	4" Average Thickness (18 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.62
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.87
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.69
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.05
07 22 16 00-0410	SF	5" Average Thickness (22.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.45
		<i>For Mechanically Fastened To Concrete, Add</i>	1.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37
07 22 16 00-0411	SF	6" Average Thickness (27 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	9.60
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74
07 22 16 00-0412	SF	7" Average Thickness (31.5 Average R-Value), 1/4" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.52
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0413 Mechanically Fastened, 1/2" Slope, Tapered Expanded Polystyrene Board (EPS) <small>(07 22 16 00-0394)</small>		
07 22 16 00-0414 SF 3.5" Average Thickness (15.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	6.03	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0415 SF 5.5" Average Thickness (24.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	8.89	
<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0416 SF 7.5" Average Thickness (33.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	11.97	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0417 SF 9.5" Average Thickness (42.75 Average R-Value), 1/2" Slope, Tapered Expanded Polystyrene Board (EPS), Mechanically Fastened.....	15.73	
<i>For Mechanically Fastened To Concrete, Add</i>	1.83	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.81	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	4.18	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	4.22	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	6.27	
07 22 16 00-0418 Mechanically Fastened, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0369)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0419 Mechanically Fastened, 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>		
07 22 16 00-0420 SF 2.25" Average Thickness (12.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.61	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.83	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0421 SF 2.75" Average Thickness (15.125 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	5.89	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.85	
07 22 16 00-0422 SF 3.25" Average Thickness (17.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.76	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0423 SF 3.75" Average Thickness (20.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.16	
<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.87	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.69	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.05	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0424	SF	4.25" Average Thickness (23.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.72
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.94
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.76
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.15
07 22 16 00-0425	SF	4.75" Average Thickness (26.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.10
		<i>For Mechanically Fastened To Concrete, Add</i>	1.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37
07 22 16 00-0426	SF	5.25" Average Thickness (28.88 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.66
		<i>For Mechanically Fastened To Concrete, Add</i>	1.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37
07 22 16 00-0427	SF	5.75" Average Thickness (31.63 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.49
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74
07 22 16 00-0428	SF	6.25" Average Thickness (34.38 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	11.05
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74
07 22 16 00-0429	SF	6.75" Average Thickness (37.13 Average R-Value), 1/8" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	12.52
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31
07 22 16 00-0430		Mechanically Fastened, 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>	
07 22 16 00-0431	SF	2" Average Thickness (11 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	4.33
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.83
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.63
07 22 16 00-0432	SF	3" Average Thickness (16.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.17
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.56
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.85

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0433 SF 4" Average Thickness (22 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	7.44	
<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.87	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.69	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.05	
07 22 16 00-0434 SF 5" Average Thickness (27.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.38	
<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0435 SF 6" Average Thickness (33 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	10.77	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	
07 22 16 00-0436 SF 7" Average Thickness (38.5 Average R-Value), 1/4" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	12.80	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0437 Mechanically Fastened, 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS) <small>(07 22 16 00-0418)</small>		
07 22 16 00-0438 SF 3.5" Average Thickness (19.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	6.73	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0439 SF 5.5" Average Thickness (30.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	9.94	
<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0440 SF 7.5" Average Thickness (41.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	13.37	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0441 SF 9.5" Average Thickness (52.25 Average R-Value), 1/2" Slope, Tapered Extruded Polystyrene Board (XEPS), Mechanically Fastened.....	16.79	
<i>For Mechanically Fastened To Concrete, Add</i>	1.63	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.81	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	4.18	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	4.22	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	6.27	
07 22 16 00-0442 Mechanically Fastened, Tapered Perlite Board <small>(07 22 16 00-0369)</small>		
Note: Mechanically fastened to wood or steel.		
07 22 16 00-0443 Mechanically Fastened, 1/8" Slope, Tapered Perlite Board <small>(07 22 16 00-0442)</small>		

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0444	SF	2.25" Average Thickness (6.26 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	6.34	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.83	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0445	SF	2.75" Average Thickness (7.65 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	7.59	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.85	
07 22 16 00-0446	SF	3.25" Average Thickness (9.04 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.82	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0447	SF	3.75" Average Thickness (10.43 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.91	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.87	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.69	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.05	
07 22 16 00-0448	SF	4.25" Average Thickness (11.82 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	10.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.94	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.76	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.15	
07 22 16 00-0449	SF	4.75" Average Thickness (13.21 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	11.47	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0450	SF	5.25" Average Thickness (14.60 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.71	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0451	SF	5.75" Average Thickness (15.99 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.91	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	
07 22 16 00-0452	SF	6.25" Average Thickness (17.38 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	14.14	
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 22 16 00-0453 SF 6.75" Average Thickness (18.77 Average R-Value), 1/8" Slope, Tapered Perlite Board, Mechanically Fastened.....	15.59	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0454 Mechanically Fastened, 1/4" Slope, Tapered Perlite Board (07 22 16 00-0442)	5.73	
07 22 16 00-0455 SF 2" Average Thickness (5.56 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	5.73	
<i>For Mechanically Fastened To Concrete, Add</i>	1.47	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.83	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.87	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.05	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.30	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.09	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 22 16 00-0456 SF 3" Average Thickness (8.34 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	8.21	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.56	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.85	
07 22 16 00-0457 SF 4" Average Thickness (11.12 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.53	
<i>For Mechanically Fastened To Concrete, Add</i>	1.56	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.87	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.17	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.38	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.69	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.76	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.58	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.05	
07 22 16 00-0458 SF 5" Average Thickness (13.9 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	12.09	
<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	
07 22 16 00-0459 SF 6" Average Thickness (16.68 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.53	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.89	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.16	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.55	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.39	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.74	
07 22 16 00-0460 SF 7" Average Thickness (19.46 Average R-Value), 1/4" Slope, Tapered Perlite Board, Mechanically Fastened.....	16.21	
<i>For Mechanically Fastened To Concrete, Add</i>	1.65	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31	
07 22 16 00-0461 Mechanically Fastened, 1/2" Slope, Tapered Perlite Board (07 22 16 00-0442)		
07 22 16 00-0462 SF 3.5" Average Thickness (9.73 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	9.44	
<i>For Mechanically Fastened To Concrete, Add</i>	1.52	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.95	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.99	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.19	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.61	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.48	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.29	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	3.93	
07 22 16 00-0463 SF 5.5" Average Thickness (15.29 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	13.32	
<i>For Mechanically Fastened To Concrete, Add</i>	1.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.90	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	1.40	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.60	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	2.91	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.10	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.92	
<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	4.37	

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 22 Roof and Deck Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 22 16 00-0464	SF	7.5" Average Thickness (20.85 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	17.44
		<i>For Mechanically Fastened To Concrete, Add</i>	1.65
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, Add</i>	1.97
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.00
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	3.22
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	2.99
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	4.83
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31
07 22 16 00-0465	SF	9.5" Average Thickness (26.41 Average R-Value), 1/2" Slope, Tapered Perlite Board, Mechanically Fastened.....	21.78
		<i>For Mechanically Fastened To Concrete, Add</i>	1.83
		<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	2.81
		<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	4.18
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >90 To 120 MPH Wind, Add</i>	3.54
		<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	4.22
		<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	6.27
		<i>For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum, >120 To 135 MPH Wind, Add</i>	5.31

07 22 16 00-0466 Demolish Rigid Board Roofing Insulation (07 22 16)

Note: Includes removing any combination of roofing insulation systems and/or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).

07 22 16 00-0467	SF	Demolish Up To 1/2" Average Thickness, Rigid Board Roofing Insulation	0.56
07 22 16 00-0468	SF	Demolish >1/2" To 1" Average Thickness, Rigid Board Roofing Insulation	0.58
07 22 16 00-0469	SF	Demolish >1" To 2" Average Thickness, Rigid Board Roofing Insulation	0.59
07 22 16 00-0470	SF	Demolish >2" To 3" Average Thickness, Rigid Board Roofing Insulation	0.62
07 22 16 00-0471	SF	Demolish >3" To 4" Average Thickness, Rigid Board Roofing Insulation	0.63
07 22 16 00-0472	SF	Demolish >4" To 5" Average Thickness, Rigid Board Roofing Insulation	0.65
07 22 16 00-0473	SF	Demolish >5" To 6" Average Thickness, Rigid Board Roofing Insulation	0.66
07 22 16 00-0474	SF	Demolish >6" To 7" Average Thickness, Rigid Board Roofing Insulation	0.68
07 22 16 00-0475	SF	Demolish >7" To 8" Average Thickness, Rigid Board Roofing Insulation	0.69
07 22 16 00-0476	SF	Demolish >8" To 9" Average Thickness, Rigid Board Roofing Insulation	0.71
07 22 16 00-0477	SF	Demolish >9" To 10" Average Thickness, Rigid Board Roofing Insulation	0.72
07 22 16 00-0478	SF	Demolish >10" To 11" Average Thickness, Rigid Board Roofing Insulation.....	0.74
07 22 16 00-0479	SF	Demolish >11" To 12" Average Thickness, Rigid Board Roofing Insulation.....	0.76

07 24 Exterior Insulation and Finish Systems (07 20)**07 24 13 Polymer-Based Exterior Insulation and Finish System (07 24)****07 24 13 00-0001 Exterior Insulation Finishing System (EIFS) (07 24 13)****07 24 13 00-0002 Insulation For Exterior Insulation Finishing Systems (EIFS) (07 24 13 00-0001)**

07 24 13 00-0003	SF	1" Thick, R3.85, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.12
		<i>For Up To 100, Add</i>	0.85
		<i>For >100 To 500, Add</i>	0.43
		<i>For >5,000, Deduct</i>	-0.17
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.41
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.10
07 24 13 00-0004	SF	1-1/2" Thick, R5.78, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	4.68
		<i>For Up To 100, Add</i>	0.87
		<i>For >100 To 500, Add</i>	0.43
		<i>For >5,000, Deduct</i>	-0.17
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.44
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.11
07 24 13 00-0005	SF	2" Thick, R7.70, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.24
		<i>For Up To 100, Add</i>	0.88
		<i>For >100 To 500, Add</i>	0.44
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.60
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.26
07 24 13 00-0006	SF	2-1/2" Thick, R9.63, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	5.80
		<i>For Up To 100, Add</i>	0.89
		<i>For >100 To 500, Add</i>	0.44
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.68
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.38
07 24 13 00-0007	SF	3" Thick, R11.55, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	6.35
		<i>For Up To 100, Add</i>	0.90
		<i>For >100 To 500, Add</i>	0.45
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.68
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.38
07 24 13 00-0008	SF	4" Thick, R15.40, Molded Expanded Polystyrene, Foam Board Insulation For Exterior Insulation Finishing Systems (EIFS), Adhesive Applied.....	7.45
		<i>For Up To 100, Add</i>	0.91
		<i>For >100 To 500, Add</i>	0.45
		<i>For >5,000, Deduct</i>	-0.18
		<i>For Adhesive And Mechanically Fastened To Wood Or Steel, Add</i>	1.89
		<i>For Adhesive And Mechanically Fastened To Concrete Or Masonry, Add</i>	2.55

07 Thermal And Moisture Protection**07 20 Thermal Protection****07 24 Exterior Insulation and Finish Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 24 13 00-0027	SF		Flexible Elastomeric, 100% Acrylic-Based Textured Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Weatherlastic®).....	5.25	
			<i>For Up To 100, Add</i>	1.70	
			<i>For >100 To 500, Add</i>	0.85	
			<i>For >5,000, Deduct</i>	-0.34	
07 24 13 00-0028	SF		100% Acrylic-Based Finish With Multi-Colored Quartz Aggregates, Finish Coat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Ameristone™)	10.62	
			<i>For Up To 100, Add</i>	1.70	
			<i>For >100 To 500, Add</i>	0.85	
			<i>For >5,000, Deduct</i>	-0.34	
07 24 13 00-0029			Primer And Sealers For Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0030	SF		100% Acrylic-Based Primer/Adhesion Promoter For Exterior Insulation Finishing Systems (EIFS) (Dryvit Prymit®).....	1.33	
			<i>For Up To 100, Add</i>	0.48	
			<i>For >100 To 500, Add</i>	0.24	
			<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0031	SF		100% Acrylic Emulsion Primer/Sealer For Exterior Insulation Finishing Systems (EIFS) (Dryvit SealClear™).....	1.36	
			<i>For Up To 100, Add</i>	0.48	
			<i>For >100 To 500, Add</i>	0.24	
			<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0032			Air/Water/Vapor Barriers For Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0033	SF		Smooth, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	1.83	
			<i>For Up To 100, Add</i>	0.48	
			<i>For >100 To 500, Add</i>	0.24	
			<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0034	SF		Texture, High Performance, Polymer-Based, Non-Cementitious Water-Resistive Membrane And Air Barrier For Exterior Insulation Finishing Systems (EIFS) (Dryvit Backstop® NT™), Per Coat	2.27	
			<i>For Up To 100, Add</i>	0.48	
			<i>For >100 To 500, Add</i>	0.24	
			<i>For >5,000, Deduct</i>	-0.10	
07 24 13 00-0035			Drainage Accessories For Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0036	SF		1/8" Thick, Flexible Polyamide Drainage Mat For Exterior Insulation Finishing Systems (EIFS) (Dryvit Drainage Mat)	2.82	
			<i>For Up To 100, Add</i>	0.53	
			<i>For >100 To 500, Add</i>	0.27	
			<i>For >5,000, Deduct</i>	-0.11	
07 24 13 00-0037			Starter Tracks For Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0038	LF		1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.11	
07 24 13 00-0039	LF		1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.43	
07 24 13 00-0040	LF		2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	4.82	
07 24 13 00-0041	LF		3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track (Dryvit Starter Trac STWP).....	5.60	
07 24 13 00-0042	LF		1" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	4.43	
07 24 13 00-0043	LF		1-1/2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	4.82	
07 24 13 00-0044	LF		2" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	5.19	
07 24 13 00-0045	LF		3" Width, Polyvinyl Chloride (PVC) Perforated "J" Channel Drainage Track With Drip Edge (Dryvit Starter Trac STDE).....	6.06	
07 24 13 00-0046			Demolish Exterior Insulation Finishing Systems (EIFS) ^(07 24 13 00-0001)		
07 24 13 00-0047	SF		Demolish Exterior Insulation Finishing Systems (EIFS).....	7.13	
			Note: Includes demolition of all finish coats, base coats, reinforcing layers and insulation layers down to the substrate. Excludes demolition of sheathing.		
			<i>For Up To 100, Add</i>	3.57	
			<i>For >100 To 500, Add</i>	1.78	
			<i>For >5,000, Deduct</i>	-0.71	
07 25 Weather Barriers ⁽⁰⁷⁾					
07 26 Vapor Retarders ^(07 25)					
07 26 13 Above-Grade Vapor Retarders ^(07 26)					
07 26 13 00-0001	CSF		Two Layer Kraft Paper Laminated With Asphalt, Grade "B" Building Paper (Aquabar B)	31.18	
07 26 13 00-0002	CSF		Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Jumbo Tex).....	28.96	
07 26 13 00-0003	CSF		60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Super Jumbo Tex 60 Minute)	36.05	
07 26 13 00-0004	CSF		Two Ply 60 Minute Asphalt Saturated Kraft Building Paper, Grade D (Fortifiber Two Ply Super Jumbo Tex 60 Minute).....	46.46	
07 26 13 00-0005	CSF		Regular Weight Red Rosin Sized Sheathing	26.68	
07 26 13 00-0006	CLF		6" Wide Two Layer Kraft Paper Laminated With Asphalt, Building Flashing Paper (Bond Beam Paper).....	89.80	
07 26 13 00-0007	CLF		4" Wide Self Adhering Butyl Sealing Tape	135.75	
07 26 13 00-0008	CLF		6" Wide Self Adhesive Butyl Sealing Tape	195.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 26 13 00-0009 CLF 9" Wide Self Adhesive Butyl Sealing Tape	271.04	
07 26 13 00-0010 CSF Building Wrap (Tyvek)	85.22	

07 27 Air Barriers (07 25)

07 27 23 Board Product Air Barriers (07 27)

07 27 23 00-0001 Barriers For Plenums (07 27 23)

07 27 23 00-0002	SF	0.5" Thick Leaded Vinyl Acoustic Plenum Barrier 0.48 LB/SF	12.95	3.43
		<i>For Up To 50, Add</i>	4.63	
		<i>For >50 To 200, Add</i>	2.64	
		<i>For >200 To 500, Add</i>	0.98	
		<i>For >2,500, Deduct</i>	-0.65	
07 27 23 00-0003	SF	0.625" Thick Leaded Vinyl Acoustic Plenum Barrier 0.87 LB/SF	14.00	3.43
		<i>For Up To 50, Add</i>	5.05	
		<i>For >50 To 200, Add</i>	2.87	
		<i>For >200 To 500, Add</i>	1.07	
		<i>For >2,500, Deduct</i>	-0.70	
07 27 23 00-0004	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Parallel With Joists 1" Thick	4.99	2.28
		<i>For Up To 50, Add</i>	2.41	
		<i>For >50 To 200, Add</i>	1.33	
		<i>For >200 To 500, Add</i>	0.46	
		<i>For >2,500, Deduct</i>	-0.25	
07 27 23 00-0005	SF	Aluminum Foil Fiberglass Reinforced Plenum Bar Perpendicular With Joists 1" Thick	9.12	3.43
		<i>For Up To 50, Add</i>	4.32	
		<i>For >50 To 200, Add</i>	2.39	
		<i>For >200 To 500, Add</i>	0.82	
		<i>For >2,500, Deduct</i>	-0.46	
07 27 23 00-0006	SF	Aluminum Mesh Barrier For Plenum Kraft Paper Backed	6.40	2.28
		<i>For Up To 50, Add</i>	2.62	
		<i>For >50 To 200, Add</i>	1.47	
		<i>For >200 To 500, Add</i>	0.53	
		<i>For >2,500, Deduct</i>	-0.32	
07 27 23 00-0007	SF	1/64" Thick Sheet Lead Barrier For Plenum 1 LB/SF	9.98	2.28
		<i>For Up To 50, Add</i>	3.02	
		<i>For >50 To 200, Add</i>	1.76	
		<i>For >200 To 500, Add</i>	0.69	
		<i>For >2,500, Deduct</i>	-0.50	

07 27 23 00-0008 Under Slab Insulation, Extruded Polystyrene (XPS) Sheets (07 27 23)

07 27 23 00-0009	SF	1" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	2.29	
07 27 23 00-0010	SF	2" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	3.55	
07 27 23 00-0011	SF	3" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	4.69	
07 27 23 00-0012	SF	4" Extruded Polystyrene Foam (XPS) Sheet Under Slab Insulation	5.82	

07 30 Steep Slope Roofing (07)

Note: Includes starter strips and manufacturer's product specific warranties.

07 31 Shingles and Shakes (07 30)

07 31 13 Asphalt Shingles (07 31)

07 31 13 13 Fiberglass-Reinforced Asphalt Shingles (07 31 13)

07 31 13 13-0001 Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 31 13 13-0002	SQ	200 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed CT 20)	281.87	185.40
		<i>For >35 To 75, Deduct</i>	-11.33	
		<i>For >75 To 100, Deduct</i>	-17.81	
		<i>For >100 To 200, Deduct</i>	-26.55	
		<i>For >200, Deduct</i>	-39.51	
		<i>For Steep Roof, Over 7 To 12, Add</i>	53.96	
07 31 13 13-0003	SQ	220 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 25)	295.60	194.70
		<i>For >35 To 75, Deduct</i>	-11.86	
		<i>For >75 To 100, Deduct</i>	-18.66	
		<i>For >100 To 200, Deduct</i>	-27.83	
		<i>For >200, Deduct</i>	-41.42	
		<i>For Steep Roof, Over 7 To 12, Add</i>	56.64	
07 31 13 13-0004	SQ	230 LB/SQ, 5" Exposure, Three Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed XT 30)	342.16	204.41
		<i>For >35 To 75, Deduct</i>	-15.63	
		<i>For >75 To 100, Deduct</i>	-23.40	
		<i>For >100 To 200, Deduct</i>	-34.30	
		<i>For >200, Deduct</i>	-49.84	
		<i>For Steep Roof, Over 7 To 12, Add</i>	59.49	

07 31 13 13-0005 Architectural Fiberglass Reinforced, Asphalt Composition Shingle (07 31 13 13)

Note: Excludes underlayment, drip edges, and ridge vent/shingles.

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13	13-0006	SQ	245 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark).....	351.53	236.67
			<i>For >35 To 75, Deduct</i>	-13.64	
			<i>For >75 To 100, Deduct</i>	-21.75	
			<i>For >100 To 200, Deduct</i>	-32.58	
			<i>For >200, Deduct</i>	-48.79	
			<i>For Steep Roof, Over 7 To 12, Add</i>	68.84	
07 31 13	13-0007	SQ	240 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Highland Slate).....	372.20	225.34
			<i>For >35 To 75, Deduct</i>	-16.73	
			<i>For >75 To 100, Deduct</i>	-25.20	
			<i>For >100 To 200, Deduct</i>	-37.01	
			<i>For >200, Deduct</i>	-53.95	
			<i>For Steep Roof, Over 7 To 12, Add</i>	65.57	
07 31 13	13-0008	SQ	265 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Plus).....	403.18	248.51
			<i>For >35 To 75, Deduct</i>	-17.72	
			<i>For >75 To 100, Deduct</i>	-26.92	
			<i>For >100 To 200, Deduct</i>	-39.65	
			<i>For >200, Deduct</i>	-58.04	
			<i>For Steep Roof, Over 7 To 12, Add</i>	72.30	
07 31 13	13-0009	SQ	235 LB/SQ, 8" Exposure, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Hatteras).....	389.41	214.62
			<i>For >35 To 75, Deduct</i>	-19.43	
			<i>For >75 To 100, Deduct</i>	-28.19	
			<i>For >100 To 200, Deduct</i>	-40.84	
			<i>For >200, Deduct</i>	-58.37	
			<i>For Steep Roof, Over 7 To 12, Add</i>	62.43	
07 31 13	13-0010	SQ	300 LB/SQ, 5" Exposure, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Premium).....	437.44	260.95
			<i>For >35 To 75, Deduct</i>	-20.03	
			<i>For >75 To 100, Deduct</i>	-29.96	
			<i>For >100 To 200, Deduct</i>	-43.90	
			<i>For >200, Deduct</i>	-63.77	
			<i>For Steep Roof, Over 7 To 12, Add</i>	75.90	
07 31 13	13-0011	SQ	300 LB/SQ, 5" Exposure, Random Laminated Tabs, One Piece, Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Independence).....	466.79	260.95
			<i>For >35 To 75, Deduct</i>	-22.96	
			<i>For >75 To 100, Deduct</i>	-33.48	
			<i>For >100 To 200, Deduct</i>	-48.60	
			<i>For >200, Deduct</i>	-69.64	
			<i>For Steep Roof, Over 7 To 12, Add</i>	75.90	
07 31 13	13-0012	SQ	355 LB/SQ, 4" Exposure, Sculpted Edge, Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake).....	509.76	287.65
			<i>For >35 To 75, Deduct</i>	-24.82	
			<i>For >75 To 100, Deduct</i>	-36.32	
			<i>For >100 To 200, Deduct</i>	-52.79	
			<i>For >200, Deduct</i>	-75.80	
			<i>For Steep Roof, Over 7 To 12, Add</i>	83.70	
07 31 13	13-0013	SQ	340 LB/SQ, 5" Exposure, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark TL).....	505.58	273.99
			<i>For >35 To 75, Deduct</i>	-25.66	
			<i>For >75 To 100, Deduct</i>	-37.01	
			<i>For >100 To 200, Deduct</i>	-53.50	
			<i>For >200, Deduct</i>	-76.22	
			<i>For Steep Roof, Over 7 To 12, Add</i>	79.68	
07 31 13	13-0014	SQ	300 LB/SQ, 5" Exposure, Reflective Two Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Landmark Solaris).....	502.89	260.95
			<i>For >35 To 75, Deduct</i>	-26.57	
			<i>For >75 To 100, Deduct</i>	-37.81	
			<i>For >100 To 200, Deduct</i>	-54.37	
			<i>For >200, Deduct</i>	-76.86	
			<i>For Steep Roof, Over 7 To 12, Add</i>	75.90	
07 31 13	13-0015	SQ	355 LB/SQ, 8" Exposure, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Centennial Slate).....	588.79	287.65
			<i>For >35 To 75, Deduct</i>	-32.72	
			<i>For >75 To 100, Deduct</i>	-45.81	
			<i>For >100 To 200, Deduct</i>	-65.43	
			<i>For >200, Deduct</i>	-91.60	
			<i>For Steep Roof, Over 7 To 12, Add</i>	83.70	
07 31 13	13-0016	SQ	355 LB/SQ, 8" Exposure, Scalloped Cut, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Carriage House).....	609.36	287.65
			<i>For >35 To 75, Deduct</i>	-34.78	
			<i>For >75 To 100, Deduct</i>	-48.28	
			<i>For >100 To 200, Deduct</i>	-68.73	
			<i>For >200, Deduct</i>	-95.72	
			<i>For Steep Roof, Over 7 To 12, Add</i>	83.70	
07 31 13	13-0017	SQ	480 LB/SQ, 4" Exposure, Sculpted Edge, Three Layer Laminated Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed Presidential Shake TL).....	676.98	317.19
			<i>For >35 To 75, Deduct</i>	-38.86	
			<i>For >75 To 100, Deduct</i>	-53.84	
			<i>For >100 To 200, Deduct</i>	-76.60	
			<i>For >200, Deduct</i>	-106.56	
			<i>For Steep Roof, Over 7 To 12, Add</i>	92.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 13 13-0018 SQ 425 LB/SQ, 8" Exposure, Random Laminated Tabs, Two Full Size Layers, Four Tab Fiberglass Reinforced, Asphalt Composition Shingle (CertainTeed GrandManor).....	666.79	302.01
<i>For >35 To 75, Deduct</i>	-39.22	
<i>For >75 To 100, Deduct</i>	-53.93	
<i>For >100 To 200, Deduct</i>	-76.48	
<i>For >200, Deduct</i>	-105.90	
<i>For Steep Roof, Over 7 To 12, Add</i>	87.87	
07 31 13 13-0019 Asphalt Shingle Accessories (07 31 13 13)		
07 31 13 13-0020 LF Hip And Ridge Roll Vent.....	8.47	1.11
Note: Excludes shingles.		
07 31 13 13-0021 LF Three Tab Hip And Ridge Shingles	3.95	2.76
07 31 13 13-0022 LF Architectural Hip And Ridge Shingles	4.78	3.07
07 31 13 13-0023 SQ Demolish Each Additional Layer Of Shingles	85.97	
07 31 16 Metal Shingles (07 31)		
07 31 16 00-0001 Aluminum Shingles (07 31 16)		
07 31 16 00-0002 SQ Aluminum Shingles, Mill Finish, 0.020" Thick	748.61	178.89
<i>For Colors, Anodized Finish, Add</i>	30.00	
<i>For Bonderized Finish, Add</i>	47.00	
<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0003 SQ Aluminum Shingles, Mill Finish, 0.030" Thick	1,019.78	195.52
<i>For Colors, Anodized Finish, Add</i>	30.00	
<i>For Bonderized Finish, Add</i>	47.00	
<i>For 1" Factory Applied Polystyrene, Add</i>	37.00	
07 31 16 00-0004 LF Aluminum Shingles, Ridge Cap, 0.020" Thick	13.66	2.57
07 31 16 00-0005 LF Aluminum Shingles, Ridge Cap, 0.030" Thick	14.30	2.57
07 31 16 00-0006 LF Aluminum Shingles, Valley Section, 0.020" Thick.....	8.90	2.57
07 31 16 00-0007 LF Aluminum Shingles, Valley Section, 0.030" Thick.....	10.17	2.57
07 31 16 00-0008 Galvanized Steel Shingles (07 31 16)		
07 31 16 00-0009 SQ 24 Gauge, 0.0276" Thickness, Galvanized Steel Shingles.....	554.26	152.84
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For >50 To 75, Deduct</i>	-9.94	
<i>For >75 To 100, Deduct</i>	-25.04	
<i>For >100 To 200, Deduct</i>	-42.63	
<i>For >200, Deduct</i>	-57.72	
<i>For Steep Roof, Over 7 To 12, Add</i>	97.83	
07 31 16 00-0010 SQ 26 Gauge, 0.0217" Thickness, Galvanized Steel Shingles.....	531.19	151.61
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For >50 To 75, Deduct</i>	-9.12	
<i>For >75 To 100, Deduct</i>	-23.54	
<i>For >100 To 200, Deduct</i>	-40.24	
<i>For >200, Deduct</i>	-54.66	
<i>For Steep Roof, Over 7 To 12, Add</i>	97.00	
07 31 16 00-0011 SQ 24 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	916.60	152.84
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For >50 To 75, Deduct</i>	-24.44	
<i>For >75 To 100, Deduct</i>	-50.40	
<i>For >100 To 200, Deduct</i>	-82.48	
<i>For >200, Deduct</i>	-108.45	
<i>For Steep Roof, Over 7 To 12, Add</i>	97.83	
07 31 16 00-0012 SQ 26 Gauge, 0.0276" Thickness, Galvanized And Bonderized Steel Shingles.....	838.69	151.61
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For >50 To 75, Deduct</i>	-21.42	
<i>For >75 To 100, Deduct</i>	-45.07	
<i>For >100 To 200, Deduct</i>	-74.07	
<i>For >200, Deduct</i>	-97.71	
<i>For Steep Roof, Over 7 To 12, Add</i>	97.00	
07 31 16 00-0013 LF Galvanized Steel Shingles, Ridge Or Valley.....	9.23	2.04
<i>For Factory Applied 1" Polystyrene Insulation, Add</i>	24.75	
<i>For >50 To 75, Deduct</i>	-0.21	
<i>For >75 To 100, Deduct</i>	-0.47	
<i>For >100 To 200, Deduct</i>	-0.78	
<i>For >200, Deduct</i>	-1.03	
<i>For Steep Roof, Over 7 To 12, Add</i>	1.28	
07 31 26 Slate Shingles (07 31)		
Note: Includes 30 LB felt and fasteners.		
07 31 26 00-0001 Shingles Including 30 LB Felt And Nails (07 31 26)		
07 31 26 00-0002 SQ Slate Shingles, Buckingham, Virginia Black, 3/16" Thick.....	1,469.38	260.72
<i>For >50 To 75, Deduct</i>	-35.60	
<i>For >75 To 100, Deduct</i>	-76.79	
<i>For >100 To 200, Deduct</i>	-126.87	
<i>For >200, Deduct</i>	-168.06	
<i>For Graduated Shapes, Add</i>	133.51	
<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 26 00-0003	SQ		Slate Shingles, Buckingham, Virginia Black, 1/4" Thick.....	1,715.06	260.72
			<i>For >50 To 75, Deduct</i>	-45.43	
			<i>For >75 To 100, Deduct</i>	-93.98	
			<i>For >100 To 200, Deduct</i>	-153.90	
			<i>For >200, Deduct</i>	-202.45	
			<i>For Graduated Shapes, Add</i>	170.36	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	
07 31 26 00-0004	SQ		Slate Shingles, Penn Black Bangor.....	1,641.35	260.72
			<i>For >50 To 75, Deduct</i>	-42.48	
			<i>For >75 To 100, Deduct</i>	-88.82	
			<i>For >100 To 200, Deduct</i>	-145.79	
			<i>For >200, Deduct</i>	-192.13	
			<i>For Graduated Shapes, Add</i>	159.30	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	
07 31 26 00-0005	SQ		Slate Shingles, Vermont, Unfading Colors, Green.....	1,665.92	260.72
			<i>For >50 To 75, Deduct</i>	-43.46	
			<i>For >75 To 100, Deduct</i>	-90.54	
			<i>For >100 To 200, Deduct</i>	-148.49	
			<i>For >200, Deduct</i>	-195.57	
			<i>For Graduated Shapes, Add</i>	162.99	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	
07 31 26 00-0006	SQ		Slate Shingles, Vermont, Unfading Colors, Semi-Weathered, Green/Gray.....	1,764.19	260.72
			<i>For >50 To 75, Deduct</i>	-47.39	
			<i>For >75 To 100, Deduct</i>	-97.42	
			<i>For >100 To 200, Deduct</i>	-159.30	
			<i>For >200, Deduct</i>	-209.33	
			<i>For Graduated Shapes, Add</i>	177.73	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	
07 31 26 00-0007	SQ		Slate Shingles, Vermont, Unfading Color, Purple.....	1,641.35	260.72
			<i>For >50 To 75, Deduct</i>	-42.48	
			<i>For >75 To 100, Deduct</i>	-88.82	
			<i>For >100 To 200, Deduct</i>	-145.79	
			<i>For >200, Deduct</i>	-192.13	
			<i>For Graduated Shapes, Add</i>	159.30	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	
07 31 26 00-0008	SQ		Slate Shingles, Vermont, Unfading Color, Black Or Gray.....	1,567.65	260.72
			<i>For >50 To 75, Deduct</i>	-39.53	
			<i>For >75 To 100, Deduct</i>	-83.67	
			<i>For >100 To 200, Deduct</i>	-137.68	
			<i>For >200, Deduct</i>	-181.81	
			<i>For Graduated Shapes, Add</i>	148.25	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	
07 31 26 00-0009	SQ		Slate Shingles, Vermont, Unfading Color, Red.....	3,102.80	260.72
			<i>For >50 To 75, Deduct</i>	-100.94	
			<i>For >75 To 100, Deduct</i>	-191.13	
			<i>For >100 To 200, Deduct</i>	-306.55	
			<i>For >200, Deduct</i>	-396.74	
			<i>For Graduated Shapes, Add</i>	378.52	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	
07 31 26 00-0010	SQ		Slate Shingles, Vermont, Unfading Color, Variegated Purple.....	1,641.35	260.72
			<i>For >50 To 75, Deduct</i>	-42.48	
			<i>For >75 To 100, Deduct</i>	-88.82	
			<i>For >100 To 200, Deduct</i>	-145.79	
			<i>For >200, Deduct</i>	-192.13	
			<i>For Graduated Shapes, Add</i>	159.30	
			<i>For Steep Roof, Over 7 To 12, Add</i>	185.39	

07 31 29 Wood Shingles and Shakes (07 31)**07 31 29 13 Wood Shingles (07 31 29)****07 31 29 13-0001 #1 Grade, Red Cedar Shingles (07 31 29 13)****07 31 29 13-0002 #1 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0001)**

07 31 29 13-0003	SQ		3-3/4" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	925.81	228.51
			<i>For Steep Roof, Over 7 To 12, Add</i>	146.25	
			<i>For Pressure-Impregnated Treated (Preservative), Add</i>	70.32	
07 31 29 13-0004	SQ		5" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	670.92	171.39
			<i>For Steep Roof, Over 7 To 12, Add</i>	109.69	
			<i>For Pressure-Impregnated Treated (Preservative), Add</i>	49.22	
07 31 29 13-0005	SQ		4-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	822.09	194.24
			<i>For Steep Roof, Over 7 To 12, Add</i>	124.32	
			<i>For Pressure-Impregnated Treated (Preservative), Add</i>	65.04	
07 31 29 13-0006	SQ		5-1/2" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	673.30	159.96
			<i>For Steep Roof, Over 7 To 12, Add</i>	102.37	
			<i>For Pressure-Impregnated Treated (Preservative), Add</i>	53.01	
07 31 29 13-0007	SQ		5-3/4" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	893.47	151.40
			<i>For Steep Roof, Over 7 To 12, Add</i>	96.89	
			<i>For Pressure-Impregnated Treated (Preservative), Add</i>	88.60	
07 31 29 13-0008	SQ		7-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Roof.....	691.24	128.54
			<i>For Steep Roof, Over 7 To 12, Add</i>	82.27	
			<i>For Pressure-Impregnated Treated (Preservative), Add</i>	65.12	

07 31 29 13-0009 #1 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0001)

07 31 29 13-0010	SQ		7" Exposure, 16" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall.....	645.72	205.67
			<i>For Pressure-Impregnated Treated (Preservative), Add</i>	35.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 29 13-0011 SQ 8" Exposure, 18" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	632.20 36.56	194.24
07 31 29 13-0012 SQ 10-1/2" Exposure, 24" Shingle, #1 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	647.17 46.52	168.54
07 31 29 13-0013 #2 Grade, Red Cedar Shingles (07 31 29 13)		
07 31 29 13-0014 #2 Grade, Red Cedar Shingles Installed On Roofs (07 31 29 13-0013)		
07 31 29 13-0015 SQ 3-1/2" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	858.52 153.56 56.79	239.95
07 31 29 13-0016 SQ 4" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	765.48 138.94 49.70	217.09
07 31 29 13-0017 SQ 4" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	817.16 138.94 57.45	217.09
07 31 29 13-0018 SQ 4-1/2" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	729.18 124.32 51.10	194.24
07 31 29 13-0019 SQ 5-3/4" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	714.89 96.89 61.82	151.40
07 31 29 13-0020 SQ 6-1/2" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	583.79 84.10 48.15	131.40
07 31 29 13-0021 #2 Grade, Red Cedar Shingles Installed On Walls (07 31 29 13-0013)		
07 31 29 13-0022 SQ 6" Exposure, 16" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	623.49 28.40	217.09
07 31 29 13-0023 SQ 7" Exposure, 18" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	602.82 28.72	205.67
07 31 29 13-0024 SQ 9" Exposure, 24" Shingle, #2 Grade, Red Cedar Shingles Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	581.99 32.45	182.82
07 31 29 16 Wood Shakes (07 31 29)		
07 31 29 16-0001 #1 Grade, Red Cedar Shakes (07 31 29 16)		
07 31 29 16-0002 #1 Grade, Red Cedar Shakes Installed On Roofs (07 31 29 16-0001)		
07 31 29 16-0003 SQ 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	674.25 118.83 45.44	185.67
07 31 29 16-0004 SQ 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Roof <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	775.22 118.83 60.58	185.67
07 31 29 16-0005 SQ 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	719.27 96.89 62.47	151.40
07 31 29 16-0006 SQ 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Roof..... <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative), Add</i>	762.18 96.89 68.91	151.40
07 31 29 16-0007 #1 Grade, Red Cedar Shakes Installed On Walls (07 31 29 16-0001)		
07 31 29 16-0008 SQ 8-1/2" Exposure, 1/2" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	702.81 45.44	199.95
07 31 29 16-0009 SQ 8-1/2" Exposure, 3/4" Thick, 18" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	803.78 60.58	199.95
07 31 29 16-0010 SQ 10" Exposure, 1/2" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	759.27 62.47	171.39
07 31 29 16-0011 SQ 10" Exposure, 3/4" Thick, 24" Shake, #1 Grade, Red Cedar Shakes Installed On Wall <i>For Pressure-Impregnated Treated (Preservative), Add</i>	802.18 68.91	171.39
07 31 29 19 Wood Shingles And Shakes Cap (07 31 29)		
07 31 29 19-0001 Accessories (07 31 29 19)		
07 31 29 19-0002 LF Hip Or Ridge Cap For Wood Shingles Or Shakes <i>For Steep Roof, Over 7 To 12, Add</i> <i>For Pressure-Impregnated Treated (Preservative) Ridge, Add</i>	11.45 1.11 1.20	1.49
07 31 33 Composite Rubber Shingles (07 31)		
07 31 33 00-0001 Synthetic Polymeric Rubber Slate Shingles (07 31 33) Note: As manufactured by EcoStar.		

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 31 Shingles and Shakes**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 31 33 00-0002	SQ		Class C Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Gray or black. For Purple Or Green Color, Add For Brown Or Red Color, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	1,306.40 132.32 339.07 153.41 -20.67 -53.33 -85.99 -130.64 91.03 182.06	239.74
07 31 33 00-0003	SQ		Class A Rectangular Edges Polymeric Rubber Slate Shingles, 7.0" Exposure Note: Fire resistant. Gray or black. For Purple, Green, Brown Or Red, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	1,857.73 206.75 153.41 -34.46 -80.90 -127.34 -185.77 130.41 260.82	239.74
07 31 33 00-0004	SQ		Class C Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Beaver tail, chisel point or beveled edges. Gray or black. For Purple, Green, Brown Or Red, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	1,533.42 379.44 153.41 -26.35 -64.69 -103.02 -153.34 107.25 214.49	239.74
07 31 33 00-0005	SQ		Class A Shaped Polymeric Rubber Slate Shingle, 7.0" Exposure Note: Fire resistant. Beaver tail, chisel point or beveled edges. Gray or black. For Purple, Green, Brown Or Red, Add For Steep Roof, Over 7 To 12, Add For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 6.5" Exposure, Add For 6.0" Exposure, Add	1,971.24 164.10 153.41 -37.30 -86.58 -135.86 -197.12 138.52 277.04	239.74
07 31 33 00-0006	LF		Hip Or Ridge Polymeric Rubber Slate Shingle Note: Beveled or pointed edges, gray or black.	15.40	1.61

07 32 Roof Tiles (07 30)**07 32 13 Clay Roof Tiles** (07 32)

Note: 8-1/4" x 11" exposure. Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0001 Clay Roofing Tile 8-1/4" x 11" Exposure (07 32 13)

Note: Includes mortar, battens, fasteners, felt underlayment and 90# cap sheet.

07 32 13 00-0002	SQ		Lanai Or Classic Tile, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,280.03 -47.13 -90.91 -126.84 -154.91 -175.13 54.98	247.26
07 32 13 00-0003	SQ		Americana (Most Colors) Tile Roofing, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,531.79 -62.23 -116.09 -159.57 -192.68 -215.41 72.60	247.26
07 32 13 00-0004	SQ		Americana (Green, Gray Or Brown) Tile, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,531.79 -62.23 -116.09 -159.57 -192.68 -215.41 72.60	247.26
07 32 13 00-0005	SQ		Americana (Blue) Tile, 158 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,745.40 -75.05 -137.45 -187.34 -224.72 -249.59 87.56	247.26
07 32 13 00-0006	SQ		French Tile Roofing, Red, 133 Piece Per SQ For >25 To 50, Deduct For >50 To 75, Deduct For >75 To 100, Deduct For >100 To 200, Deduct For >200, Deduct For 20 Year Warranty, Add	1,525.43 -55.25 -107.20 -149.94 -183.47 -207.79 64.46	302.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0007 SQ French Tile Roofing, Blue Or Green, 133 Piece Per SQ	1,901.21	302.32
<i>For >25 To 50, Deduct</i>	-77.80	
<i>For >50 To 75, Deduct</i>	-144.77	
<i>For >75 To 100, Deduct</i>	-198.79	
<i>For >100 To 200, Deduct</i>	-239.84	
<i>For >200, Deduct</i>	-267.92	
<i>For 20 Year Warranty, Add</i>	90.76	
07 32 13 00-0008 SQ Norman Tile Roofing, 317 Piece Per SQ	2,424.83	407.85
<i>For >25 To 50, Deduct</i>	-96.56	
<i>For >50 To 75, Deduct</i>	-181.32	
<i>For >75 To 100, Deduct</i>	-249.99	
<i>For >100 To 200, Deduct</i>	-302.57	
<i>For >200, Deduct</i>	-339.05	
<i>For 20 Year Warranty, Add</i>	112.66	
07 32 13 00-0009 SQ Williamsburg Tile Roofing, Aged Cedar, 158 Piece Per SQ	1,337.42	302.32
<i>For >25 To 50, Deduct</i>	-43.97	
<i>For >50 To 75, Deduct</i>	-88.40	
<i>For >75 To 100, Deduct</i>	-125.50	
<i>For >100 To 200, Deduct</i>	-155.27	
<i>For >200, Deduct</i>	-177.71	
<i>For 20 Year Warranty, Add</i>	51.30	
07 32 13 00-0010 SQ Williamsburg Tile Roofing, Gray Or Green, 158 Piece Per SQ	1,641.83	302.32
<i>For >25 To 50, Deduct</i>	-62.23	
<i>For >50 To 75, Deduct</i>	-118.84	
<i>For >75 To 100, Deduct</i>	-165.07	
<i>For >100 To 200, Deduct</i>	-200.93	
<i>For >200, Deduct</i>	-226.42	
<i>For 20 Year Warranty, Add</i>	72.60	
07 32 13 00-0011 SQ Spanish Tile Roofing, Red, 171 Piece Per SQ	1,146.67	226.36
<i>For >25 To 50, Deduct</i>	-41.63	
<i>For >50 To 75, Deduct</i>	-80.71	
<i>For >75 To 100, Deduct</i>	-112.85	
<i>For >100 To 200, Deduct</i>	-138.04	
<i>For >200, Deduct</i>	-156.30	
<i>For 20 Year Warranty, Add</i>	48.57	
07 32 13 00-0012 SQ Spanish Tile Roofing, Blend, 171 Piece Per SQ	1,474.72	226.36
<i>For >25 To 50, Deduct</i>	-61.32	
<i>For >50 To 75, Deduct</i>	-113.51	
<i>For >75 To 100, Deduct</i>	-155.49	
<i>For >100 To 200, Deduct</i>	-187.25	
<i>For >200, Deduct</i>	-208.79	
<i>For 20 Year Warranty, Add</i>	71.54	
07 32 13 00-0013 SQ Spanish Tile Roofing, Glazed White, 171 Piece Per SQ	1,756.99	226.36
<i>For >25 To 50, Deduct</i>	-78.25	
<i>For >50 To 75, Deduct</i>	-141.74	
<i>For >75 To 100, Deduct</i>	-192.19	
<i>For >100 To 200, Deduct</i>	-229.59	
<i>For >200, Deduct</i>	-253.95	
<i>For 20 Year Warranty, Add</i>	91.30	
07 32 13 00-0014 SQ Two Piece Mission Tile Roofing, 192 Piece Per SQ	2,128.31	354.83
<i>For >25 To 50, Deduct</i>	-85.12	
<i>For >50 To 75, Deduct</i>	-159.61	
<i>For >75 To 100, Deduct</i>	-219.91	
<i>For >100 To 200, Deduct</i>	-266.02	
<i>For >200, Deduct</i>	-297.95	
<i>For 20 Year Warranty, Add</i>	99.31	
07 32 13 00-0015 SQ One Piece Mission Tile Roofing, 75 Piece Per SQ	951.98	247.26
<i>For >25 To 50, Deduct</i>	-27.44	
<i>For >50 To 75, Deduct</i>	-58.10	
<i>For >75 To 100, Deduct</i>	-84.19	
<i>For >100 To 200, Deduct</i>	-105.70	
<i>For >200, Deduct</i>	-122.64	
<i>For 20 Year Warranty, Add</i>	32.02	
07 32 13 00-0016 SQ One Piece Mission Tile Roofing, 134 Piece Per SQ	1,270.04	354.83
<i>For >25 To 50, Deduct</i>	-33.62	
<i>For >50 To 75, Deduct</i>	-73.78	
<i>For >75 To 100, Deduct</i>	-108.33	
<i>For >100 To 200, Deduct</i>	-137.28	
<i>For >200, Deduct</i>	-160.63	
<i>For 20 Year Warranty, Add</i>	39.23	
07 32 13 00-0017 SQ MCA BABY "S" Tiles 9" x 13" 199 Piece Per SQ	3,422.97	354.83
<i>For >25 To 50, Deduct</i>	-161.15	
<i>For >50 To 75, Deduct</i>	-287.01	
<i>For >75 To 100, Deduct</i>	-386.01	
<i>For >100 To 200, Deduct</i>	-458.16	
<i>For >200, Deduct</i>	-503.44	
<i>For 20 Year Warranty, Add</i>	188.00	
07 32 13 00-0018 SQ MCA BABY "S" Tiles 10 3/4" X 13 1/2" 170 Piece Per SQ	3,052.66	354.83
<i>For >25 To 50, Deduct</i>	-138.93	
<i>For >50 To 75, Deduct</i>	-249.98	
<i>For >75 To 100, Deduct</i>	-337.87	
<i>For >100 To 200, Deduct</i>	-402.61	
<i>For >200, Deduct</i>	-444.19	
<i>For 20 Year Warranty, Add</i>	162.08	

07 Thermal And Moisture Protection**07 30 Steep Slope Roofing****07 32 Roof Tiles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 32 13 00-0019	SQ		MCA BABY "S" Tiles 11 1/2" X 14" 139 Piece Per SQ	2,640.35	354.83
			<i>For >25 To 50, Deduct</i>	-114.19	
			<i>For >50 To 75, Deduct</i>	-208.75	
			<i>For >75 To 100, Deduct</i>	-284.27	
			<i>For >100 To 200, Deduct</i>	-340.76	
			<i>For >200, Deduct</i>	-378.22	
			<i>For 20 Year Warranty, Add</i>	133.22	
07 32 16			Concrete Roof Tiles <small>(07 32)</small>		
07 32 16 00-0001			Corrugated Tiles And Shakes Nailed To Wood <small>(07 32 16)</small>		
			Note: Includes 30 lb felt underlayment.		
07 32 16 00-0002	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Earthtone Colors, Corrugated	991.59	374.82
			<i>For >50 To 75, Deduct</i>	-9.67	
			<i>For >75 To 100, Deduct</i>	-35.67	
			<i>For >100 To 200, Deduct</i>	-64.09	
			<i>For >200, Deduct</i>	-90.09	
			<i>For Steep Roof, Over 7 To 12, Add</i>	239.91	
07 32 16 00-0003	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Blues, Corrugated	1,226.79	374.82
			<i>For >50 To 75, Deduct</i>	-19.08	
			<i>For >75 To 100, Deduct</i>	-52.14	
			<i>For >100 To 200, Deduct</i>	-89.96	
			<i>For >200, Deduct</i>	-123.02	
			<i>For Steep Roof, Over 7 To 12, Add</i>	239.91	
07 32 16 00-0004	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Custom Greens Corrugated	1,038.63	374.82
			<i>For >50 To 75, Deduct</i>	-11.56	
			<i>For >75 To 100, Deduct</i>	-38.97	
			<i>For >100 To 200, Deduct</i>	-69.27	
			<i>For >200, Deduct</i>	-96.68	
			<i>For Steep Roof, Over 7 To 12, Add</i>	239.91	
07 32 16 00-0005	SQ		13" x 16-1/2" Concrete Roof Tile, 90/SQ, 950 LB/SQ, Colors, Shakes	971.47	335.35
			<i>For >50 To 75, Deduct</i>	-12.03	
			<i>For >75 To 100, Deduct</i>	-37.82	
			<i>For >100 To 200, Deduct</i>	-66.61	
			<i>For >200, Deduct</i>	-92.40	
			<i>For Steep Roof, Over 7 To 12, Add</i>	214.66	
07 32 16 00-0006			Accessories <small>(07 32 16)</small>		
07 32 16 00-0007	EA		Ridge And Hip, 10" X 16-1/2", 8 LB Each For Concrete Tile Roof	3.97	
07 32 16 00-0008	EA		Rake, 6-1/2" X 16-3/4", 9 LB Each For Concrete Tile Roof	2.61	
07 32 16 00-0009	EA		Mansard Hip, 10" X 16-1/2", 9.2 LB Each For Concrete Tile Roof	3.95	
07 32 16 00-0010	EA		Hip Starter, 10" X 16-1/2", 10.5 LB Each For Concrete Tile Roof	4.52	
07 32 16 00-0011	EA		3 Or 4 Way Apex, 10" Each Side, 11.5 LB Each For Concrete Tile Roof	4.70	
07 34			Roofing Underlayment <small>(07 30)</small>		
07 34 00 00-0001			Mechanically Fastened, Roofing Underlayment <small>(07 34)</small>		
			Note: Standard slope.		
07 34 00 00-0002	SQ		15 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	37.92	7.72
			<i>For Steep Roof, Over 7 To 12, Add</i>	4.95	
			<i>For >50 To 75, Deduct</i>	-0.90	
			<i>For >75 To 100, Deduct</i>	-1.96	
			<i>For >100 To 200, Deduct</i>	-3.24	
			<i>For >200, Deduct</i>	-4.69	
07 34 00 00-0003	SQ		30 LB, Asphalt Saturated Organic Felt Roofing Underlayment, Mechanically Fastened	58.80	10.63
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.80	
			<i>For >50 To 75, Deduct</i>	-1.50	
			<i>For >75 To 100, Deduct</i>	-3.16	
			<i>For >100 To 200, Deduct</i>	-5.19	
			<i>For >200, Deduct</i>	-7.38	
07 34 00 00-0004	SQ		30 LB, Asphalt Saturated Organic Felt Shake Underlayment, Mechanically Fastened	65.87	10.63
			<i>For Steep Roof, Over 7 To 12, Add</i>	6.80	
			<i>For >50 To 75, Deduct</i>	-1.78	
			<i>For >75 To 100, Deduct</i>	-3.65	
			<i>For >100 To 200, Deduct</i>	-5.97	
			<i>For >200, Deduct</i>	-8.37	
07 34 00 00-0005	SQ		Fire Rated, Polypropylene Roofing Underlayment, Mechanically Fastened (Rex™ Synfelt)	72.29	16.10
			<i>For Steep Roof, Over 7 To 12, Add</i>	10.30	
			<i>For >50 To 75, Deduct</i>	-1.60	
			<i>For >75 To 100, Deduct</i>	-3.61	
			<i>For >100 To 200, Deduct</i>	-6.02	
			<i>For >200, Deduct</i>	-8.83	
07 34 00 00-0006	SQ		17 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 25)	80.66	16.10
			<i>For Steep Roof, Over 7 To 12, Add</i>	10.30	
			<i>For >50 To 75, Deduct</i>	-1.94	
			<i>For >75 To 100, Deduct</i>	-4.20	
			<i>For >100 To 200, Deduct</i>	-6.94	
			<i>For >200, Deduct</i>	-10.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 34 00 00-0007 SQ 25 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 30).....	94.46	16.10
<i>For Steep Roof, Over 7 To 12, Add</i>	10.30	
<i>For >50 To 75, Deduct</i>	-2.49	
<i>For >75 To 100, Deduct</i>	-5.16	
<i>For >100 To 200, Deduct</i>	-8.46	
<i>For >200, Deduct</i>	-11.94	
07 34 00 00-0008 SQ 30 Mil, Fire Rated, High Temperature, Coated Woven Synthetic Roofing Underlayment, Mechanically Fastened (TITANIUM™ UDL 50).....	87.56	16.10
<i>For Steep Roof, Over 7 To 12, Add</i>	10.30	
<i>For >50 To 75, Deduct</i>	-2.21	
<i>For >75 To 100, Deduct</i>	-4.68	
<i>For >100 To 200, Deduct</i>	-7.70	
<i>For >200, Deduct</i>	-10.97	
07 34 00 00-0009 Self-Adhering, Roofing Underlayment (07 34)		
Note: Standard slope.		
07 34 00 00-0010 SQ 48 Mil, Fire Rated, Polymeric Asphalt Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® Mat)	153.56	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-4.58	
<i>For >75 To 100, Deduct</i>	-8.99	
<i>For >100 To 200, Deduct</i>	-14.55	
<i>For >200, Deduct</i>	-19.94	
07 34 00 00-0011 SQ 60 Mil, Fire Rated, Granule Surfaced, Rubberized Asphalt Adhesive, Roofing Underlayment, Self-Adhering (Grace Basik®).....	233.55	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-7.78	
<i>For >75 To 100, Deduct</i>	-14.59	
<i>For >100 To 200, Deduct</i>	-23.35	
<i>For >200, Deduct</i>	-31.14	
07 34 00 00-0012 SQ 53 Mil, Fire Rated, Granule Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self-Adhering (Owens Corning® WeatherLock® G)	163.45	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-4.98	
<i>For >75 To 100, Deduct</i>	-9.69	
<i>For >100 To 200, Deduct</i>	-15.64	
<i>For >200, Deduct</i>	-21.32	
07 34 00 00-0013 SQ 65 Mil, Fire Rated, Polyester Non-Woven Fabric Surfaced, Fiberglass Mat Reinforced, Styrene-Butadiene-Styrene (SBS) Modified Roofing Underlayment, Self Adhering (Owens Corning® WeatherLock® Specialty Tile And Metal)	153.56	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-4.58	
<i>For >75 To 100, Deduct</i>	-8.99	
<i>For >100 To 200, Deduct</i>	-14.55	
<i>For >200, Deduct</i>	-19.94	
07 34 00 00-0014 SQ 45 Mil, Fire Rated, High Temperature, Synthetic Polymer Surfaced, Modified Rubberized Asphalt, Roofing Underlayment, Self-Adhering (TITANIUM™ PSU-30)	222.01	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-7.32	
<i>For >75 To 100, Deduct</i>	-13.78	
<i>For >100 To 200, Deduct</i>	-22.08	
<i>For >200, Deduct</i>	-29.52	
07 34 00 00-0015 SQ 25 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Select).....	185.87	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-5.87	
<i>For >75 To 100, Deduct</i>	-11.25	
<i>For >100 To 200, Deduct</i>	-18.10	
<i>For >200, Deduct</i>	-24.46	
07 34 00 00-0016 SQ 40 Mil, Fire Rated, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield®)	279.01	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-9.60	
<i>For >75 To 100, Deduct</i>	-17.77	
<i>For >100 To 200, Deduct</i>	-28.35	
<i>For >200, Deduct</i>	-37.50	
07 34 00 00-0017 SQ 40 Mil, Fire Rated, High Temperature, Embossed Surface, Rubberized Asphalt Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ice And Water Shield® HT)	319.81	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-11.23	
<i>For >75 To 100, Deduct</i>	-20.63	
<i>For >100 To 200, Deduct</i>	-32.84	
<i>For >200, Deduct</i>	-43.21	
07 34 00 00-0018 SQ 30 Mil, Fire Rated, High Temperature, Fire Rated, Embossed Surface, Butyl Rubber Based Adhesive, High Density Cross Laminated Polyethylene Reinforcement, Roofing Underlayment, Self-Adhering (Grace Ultra)	472.89	19.53
<i>For Steep Roof, Over 7 To 12, Add</i>	12.49	
<i>For >50 To 75, Deduct</i>	-17.35	
<i>For >75 To 100, Deduct</i>	-31.35	
<i>For >100 To 200, Deduct</i>	-49.68	
<i>For >200, Deduct</i>	-64.64	

07 40 Roofing and Siding Panels (07)

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
07 41 Roof Panels (07 40)

Note: Includes standard fasteners, grommets, cleats for installation.

07 41 13 Metal Roof Panels (07 41)

07 41 13 00-0001	Exposed Fastener Metal Roofing <small>(07 41 13)</small>		
	Note: Includes 15 year warranty and all warranties are no dollar limit to include material and labor.		
07 41 13 00-0002	Galvanized Exposed Fastener Metal Roofing <small>(07 41 13 00-0001)</small>		
07 41 13 00-0003	Galvanized Steel Exposed Fastener Metal Roof Panels <small>(07 41 13 00-0002)</small>		
07 41 13 00-0004	SF 18 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	9.14	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0005	SF 20 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	8.43	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0006	SF 22 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.93	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0007	SF 24 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.44	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0008	SF 26 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	7.03	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0009	SF 28 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.68	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0010	SF 30 Gauge, Corrugated Or Ribbed, Galvanized Exposed Fastener Metal Roof Panels.....	6.54	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0011	Galvanized Exposed Fastener Metal Roof Accessories <small>(07 41 13 00-0002)</small>		
	See CSI section 07 41 13 00-0038 for accessories.		
07 41 13 00-0012	LF Ridge Flashing For Galvanized Steel Exposed Fastener Roofing.....	29.42	3.32
	For Steep Roof, Over 7 To 12, Add	4.29	
	For Fluoropolymer (Kynar®) Coating, Add	1.60	
07 41 13 00-0013	LF 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Exposed Fastener Roofing.....	18.44	2.18
	For Steep Roof, Over 7 To 12, Add	2.86	
	For Fluoropolymer (Kynar®) Coating, Add	0.95	
07 41 13 00-0014	LF Valley Flashing For Galvanized Steel Exposed Fastener Roofing.....	35.71	3.32
	For Steep Roof, Over 7 To 12, Add	4.29	
	For Fluoropolymer (Kynar®) Coating, Add	2.23	
07 41 13 00-0015	LF Hip Flashing For Galvanized Steel Exposed Fastener Roofing.....	30.00	3.32
	For Steep Roof, Over 7 To 12, Add	4.29	
	For Fluoropolymer (Kynar®) Coating, Add	1.66	
07 41 13 00-0016	Aluminum Exposed Fastener Metal Roofing <small>(07 41 13 00-0001)</small>		
07 41 13 00-0017	Aluminum Exposed Fastener Metal Roof Panels <small>(07 41 13 00-0016)</small>		
07 41 13 00-0018	SF 0.0155", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	6.68	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0019	SF 0.018", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	6.94	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0020	SF 0.024", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	7.55	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0021	SF 0.032", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	8.36	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0022	SF 0.040", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	9.17	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0023	SF 0.050", Corrugated Or Ribbed, Aluminum Exposed Fastener Metal Roof Panels.....	10.18	3.19
	For Fluoropolymer (Kynar®) Coating, Add	1.31	
	For Steep Roof, Over 7 To 12, Add	1.64	
07 41 13 00-0024	Aluminum Exposed Fastener Metal Roof Accessories <small>(07 41 13 00-0016)</small>		
07 41 13 00-0025	LF Ridge Flashing For Aluminum Exposed Fastener Metal Roofing.....	33.28	3.32
	For Steep Roof, Over 7 To 12, Add	4.29	
	For Fluoropolymer (Kynar®) Coating, Add	1.99	
07 41 13 00-0026	LF 9" To 12" Girth, Eave Or Gable Flashing For Aluminum Exposed Fastener Metal Roofing.....	20.66	2.30
	For Steep Roof, Over 7 To 12, Add	2.86	
	For Fluoropolymer (Kynar®) Coating, Add	1.17	
07 41 13 00-0027	LF Valley Flashing For Aluminum Exposed Fastener Metal Roofing.....	41.14	3.32
	For Steep Roof, Over 7 To 12, Add	4.29	
	For Fluoropolymer (Kynar®) Coating, Add	2.77	
07 41 13 00-0028	LF Hip Flashing For Aluminum Exposed Fastener Metal Roofing.....	34.00	3.32
	For Steep Roof, Over 7 To 12, Add	4.29	
	For Fluoropolymer (Kynar®) Coating, Add	2.06	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0029 Standing Seam Roofs <small>(07 41 13)</small>		
<p>Note: Includes all profiles of vertical leg and batten style standing seam roofing. Includes all clips, neoprene closures, metal closures, battens, tape sealer, tube sealant, fasteners, vent material, panel starters and cleats. Based on Garland R-Mer Clad or R-Mer Seam architectural roofing, R-Mer Loc architectural/structural roofing, and R-Mer Span structural roofing. Architectural roofing requires a solid substrate and underlayment, requires a minimum 3:12 pitch, and includes a 20 year no dollar limit warranty. Architectural/structural roofing does not require a solid substrate or underlayment, requires a minimum 3:12 pitch, and includes a 25 year no dollar limit warranty. Structural roofing does not require a solid substrate or underlayment, requires a minimum 1/4" per foot slope, and includes a 25 year no dollar limit warranty.</p>		
07 41 13 00-0030 Galvanized Steel Standing Seam Concealed Fastener Roofing <small>(07 41 13 00-0029)</small>		
<p>Note: All steel is galvanized G90 rated or galvalume®. Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.</p>		
07 41 13 00-0031 Galvanized Steel Standing Seam Concealed Fastener Roofing <small>(07 41 13 00-0030)</small>		
07 41 13 00-0032 SF Architectural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	14.06	3.39
For Steep Roof, Over 6 To 12, Add	2.03	
For 140 MPH Wind Load, Add	0.82	
For Panels <16" Wide, Add	1.96	
For Up To 1,500, Add	3.52	
For >1,500 To 5,000, Add	2.11	
For >5,000 To 10,000, Add	0.35	
07 41 13 00-0033 SF Architectural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	14.75	3.39
For Steep Roof, Over 6 To 12, Add	2.03	
For 140 MPH Wind Load, Add	0.84	
For Panels <16" Wide, Add	1.99	
For Up To 1,500, Add	3.69	
For >1,500 To 5,000, Add	2.21	
For >5,000 To 10,000, Add	0.37	
07 41 13 00-0034 SF Architectural/Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	13.46	3.39
For Steep Roof, Over 6 To 12, Add	2.03	
For 140 MPH Wind Load, Add	0.81	
For Panels <16" Wide, Add	1.93	
For Up To 1,500, Add	3.37	
For >1,500 To 5,000, Add	2.02	
For >5,000 To 10,000, Add	0.34	
07 41 13 00-0035 SF Architectural/Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	13.70	3.39
For Steep Roof, Over 6 To 12, Add	2.03	
For 140 MPH Wind Load, Add	0.82	
For Panels <16" Wide, Add	1.94	
For Up To 1,500, Add	3.43	
For >1,500 To 5,000, Add	2.06	
For >5,000 To 10,000, Add	0.34	
07 41 13 00-0036 SF Structural 24 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	13.97	3.39
For Steep Roof, Over 6 To 12, Add	2.03	
For 140 MPH Wind Load, Add	0.82	
For Panels <16" Wide, Add	1.95	
For Up To 1,500, Add	3.49	
For >1,500 To 5,000, Add	2.10	
For >5,000 To 10,000, Add	0.35	
07 41 13 00-0037 SF Structural 22 Gauge Galvanized Steel Standing Seam Concealed Fastener Roofing.....	14.97	3.39
For Steep Roof, Over 6 To 12, Add	2.03	
For 140 MPH Wind Load, Add	0.84	
For Panels <16" Wide, Add	2.00	
For Up To 1,500, Add	3.74	
For >1,500 To 5,000, Add	2.25	
For >5,000 To 10,000, Add	0.37	
07 41 13 00-0038 Accessories For Galvanized Steel Standing Seam Roofing <small>(07 41 13 00-0030)</small>		
07 41 13 00-0039 LF Ridge Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	31.02	3.32
For Steep Roof, Over 6 To 12, Add	4.03	
For 140 MPH Wind Load, Add	1.69	
07 41 13 00-0040 LF 9" To 12" Girth, Eave Or Gable Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	19.39	2.30
For Steep Roof, Over 6 To 12, Add	2.69	
For 140 MPH Wind Load, Add	1.10	
07 41 13 00-0041 LF Valley Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	37.94	3.32
For Steep Roof, Over 6 To 12, Add	4.03	
For 140 MPH Wind Load, Add	1.83	
07 41 13 00-0042 LF Hip Flashing For Galvanized Steel Standing Seam Concealed Fastener Roofing.....	31.65	3.32
For Steep Roof, Over 6 To 12, Add	4.03	
For 140 MPH Wind Load, Add	1.71	
07 41 13 00-0043 Aluminum Standing Seam Concealed Fastener Roofing <small>(07 41 13 00-0029)</small>		
<p>Note: Factory paint finish is Kynar 500®, Hylar 5000® or equal polyvinylidene fluoride (PVDF) finish.</p>		
07 41 13 00-0044 Aluminum Standing Seam Concealed Fastener Roofing <small>(07 41 13 00-0043)</small>		
07 41 13 00-0045 SF Architectural 0.032" Aluminum Standing Seam Concealed Fastener Roofing.....	14.54	3.39
For Steep Roof, Over 6 To 12, Add	2.03	
For 140 MPH Wind Load, Add	0.83	
For Panels <16" Wide, Add	1.98	
For Up To 1,500, Add	3.64	
For >1,500 To 5,000, Add	2.18	
For >5,000 To 10,000, Add	0.36	

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 41 Roof Panels**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0046	SF		Architectural 0.040" Aluminum Standing Seam Concealed Fastener Roofing.....	15.13	3.39
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.03	
			<i>For 140 MPH Wind Load, Add</i>	0.84	
			<i>For Panels <16" Wide, Add</i>	2.01	
			<i>For Up To 1,500, Add</i>	3.78	
			<i>For >1,500 To 5,000, Add</i>	2.27	
			<i>For >5,000 To 10,000, Add</i>	0.38	
07 41 13 00-0047	SF		Architectural/Structural Or Structural 0.032" Aluminum Standing Seam Concealed Fastener Roofing	14.21	3.39
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.03	
			<i>For 140 MPH Wind Load, Add</i>	0.83	
			<i>For Panels <16" Wide, Add</i>	1.96	
			<i>For Up To 1,500, Add</i>	3.55	
			<i>For >1,500 To 5,000, Add</i>	2.13	
			<i>For >5,000 To 10,000, Add</i>	0.36	
07 41 13 00-0048	SF		Architectural/Structural Or Structural 0.040" Aluminum Standing Seam Concealed Fastener Roofing	15.29	3.39
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.03	
			<i>For 140 MPH Wind Load, Add</i>	0.85	
			<i>For Panels <16" Wide, Add</i>	2.02	
			<i>For Up To 1,500, Add</i>	3.82	
			<i>For >1,500 To 5,000, Add</i>	2.29	
			<i>For >5,000 To 10,000, Add</i>	0.38	
07 41 13 00-0049			Accessories For Aluminum Standing Seam Roofing <small>(07 41 13 00-0043)</small>		
07 41 13 00-0050	LF		Ridge Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	35.26	3.32
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.03	
			<i>For 140 MPH Wind Load, Add</i>	1.78	
07 41 13 00-0051	LF		9" To 12" Girth, Eave Or Gable Flashing For Aluminum Standing Seam Concealed Fastener Roofing	21.83	2.30
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.69	
			<i>For 140 MPH Wind Load, Add</i>	1.15	
07 41 13 00-0052	LF		Valley Flashing For Aluminum Standing Seam Concealed Fastener Roofing	43.91	3.32
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.03	
			<i>For 140 MPH Wind Load, Add</i>	1.95	
07 41 13 00-0053	LF		Hip Flashing For Aluminum Standing Seam Concealed Fastener Roofing.....	36.05	3.32
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.03	
			<i>For 140 MPH Wind Load, Add</i>	1.79	
07 41 13 00-0054			Stainless Steel Standing Seam Concealed Fastener Roofing <small>(07 41 13 00-0029)</small>		
07 41 13 00-0055			Stainless Steel Standing Seam Concealed Fastener Roofing <small>(07 41 13 00-0054)</small>		
07 41 13 00-0056	SF		Architectural 24 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	26.94	4.06
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.05	
			<i>For 140 MPH Wind Load, Add</i>	1.35	
			<i>For Panels <16" Wide, Add</i>	3.23	
			<i>For Up To 1,500, Add</i>	6.74	
			<i>For >1,500 To 5,000, Add</i>	4.04	
			<i>For >5,000 To 10,000, Add</i>	0.67	
07 41 13 00-0057	SF		Architectural 22 Gauge T304 Stainless Steel Standing Seam Concealed Fastener Roofing	30.51	4.06
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.05	
			<i>For 140 MPH Wind Load, Add</i>	1.42	
			<i>For Panels <16" Wide, Add</i>	3.41	
			<i>For Up To 1,500, Add</i>	7.63	
			<i>For >1,500 To 5,000, Add</i>	4.58	
			<i>For >5,000 To 10,000, Add</i>	0.76	
07 41 13 00-0058	SF		Architectural 24 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	34.74	4.06
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.05	
			<i>For 140 MPH Wind Load, Add</i>	1.51	
			<i>For Panels <16" Wide, Add</i>	3.62	
			<i>For Up To 1,500, Add</i>	8.69	
			<i>For >1,500 To 5,000, Add</i>	5.21	
			<i>For >5,000 To 10,000, Add</i>	0.87	
07 41 13 00-0059	SF		Architectural 22 Gauge T316 Stainless Steel Standing Seam Concealed Fastener Roofing	40.17	4.06
			<i>For Steep Roof, Over 6 To 12, Add</i>	3.05	
			<i>For 140 MPH Wind Load, Add</i>	1.62	
			<i>For Panels <16" Wide, Add</i>	3.89	
			<i>For Up To 1,500, Add</i>	10.04	
			<i>For >1,500 To 5,000, Add</i>	6.03	
			<i>For >5,000 To 10,000, Add</i>	1.00	
07 41 13 00-0060			Accessories For Stainless Steel Standing Seam Concealed Fastener Roofing <small>(07 41 13 00-0054)</small>		
07 41 13 00-0061	LF		Ridge Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	80.35	3.71
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.45	
			<i>For 140 MPH Wind Load, Add</i>	2.79	
07 41 13 00-0062	LF		9" To 12" Girth, Eave Or Gable Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing	43.63	2.43
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.95	
			<i>For 140 MPH Wind Load, Add</i>	1.66	
07 41 13 00-0063	LF		Valley Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	110.23	3.71
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.41	
			<i>For 140 MPH Wind Load, Add</i>	3.38	
07 41 13 00-0064	LF		Hip Flashing For Stainless Steel Standing Seam Concealed Fastener Roofing.....	82.72	3.71
			<i>For Steep Roof, Over 6 To 12, Add</i>	4.45	
			<i>For 140 MPH Wind Load, Add</i>	2.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 41 13 00-0065 Metal Roof Surfacing <small>(07 41 13)</small>		
07 41 13 00-0066 SF Acrylic, Metal Roof Primer, One Coat <i>For Steep Roof, Over 7 To 12, Add</i>	0.47 0.06	
07 41 13 00-0067 SF Acrylic Elastomeric, Surface Or Base Coating For Metal Roofing, One Coat <i>Note: 55% solids by volume. For Steep Roof, Over 7 To 12, Add</i>	0.71 0.06	
07 41 16 Insulated Metal Roof Panels <small>(07 41)</small>		
07 41 16 00-0001 Standing Seam Polyurethane Insulated Metal Roof Panels <small>(07 41 16)</small>		
07 41 16 00-0002 Standing Seam Polyurethane Insulated Metal Roof Panel <small>(07 41 16 00-0001)</small> <i>Note: Exterior face gauge shall be 24 gauge, galvanized steel; Interior liner shall be 24 gauge. Galvalume® AZ-55 coating designation with texture; Non-CFC polyurethane foam core.</i>		
07 41 16 00-0003 SF 2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels.....	25.68	4.17
07 41 16 00-0004 SF 2-1/2" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels.....	28.27	4.51
07 41 16 00-0005 SF 3" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels.....	30.04	4.90
07 41 16 00-0006 SF 4" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels.....	31.45	5.18
07 41 16 00-0007 SF 5" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels.....	32.96	5.45
07 41 16 00-0008 SF 6" Polyurethane Foam, 24 Gauge Galvanized Steel (Each Side), Insulated Standing Seam Metal Roof Panels.....	34.18	5.73
07 41 33 Plastic Roof Panels <small>(07 41)</small>		
07 41 33 00-0001 Polyvinyl Chloride (PVC) Roofing Panels <small>(07 41 33)</small>		
07 41 33 00-0002 Polyvinyl Chloride (PVC) Roofing Panels <small>(07 41 33 00-0001)</small>		
07 41 33 00-0003 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 8" Wide.....	8.22	2.15
07 41 33 00-0004 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, 10" Wide.....	8.08	1.93
07 41 33 00-0005 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 8" Wide.....	8.66	2.15
07 41 33 00-0006 SF Solid Polyvinyl Chloride (PVC) Roofing Panels, Double 10" Wide.....	8.46	1.93
07 41 33 00-0007 Polyvinyl Chloride (PVC) Roofing Accessories <small>(07 41 33 00-0001)</small>		
07 41 33 00-0008 LF 1" "J" Channel, Starter Strip Trim.....	4.60	1.61
07 41 33 00-0009 LF 3-1/2" "J" Channel, Starter Strip Trim.....	7.96	1.61
07 41 33 00-0010 LF Outside Corner Post, 7/8" Pocket.....	8.92	1.61
07 41 33 00-0011 LF Inside Corner Post, 7/8" Pocket.....	6.32	1.61
07 41 33 00-0012 Fiberglass Roofing Panel <small>(07 41 33)</small>		
07 41 33 00-0013 Corrugated Panels <small>(07 41 33 00-0012)</small>		
07 41 33 00-0014 SF 8 Ounce Corrugated Fiberglass Panel.....	6.82	1.72
07 41 33 00-0015 SF 12 Ounce Corrugated Fiberglass Panel.....	7.91	1.72
07 42 Wall Panels <small>(07 40)</small>		
07 42 13 Metal Wall Panels <small>(07 42)</small>		
07 42 13 19 Insulated Metal Wall Panels <small>(07 42 13)</small>		
07 42 13 19-0001 Insulated Panels For Sash/Window Replacement <small>(07 42 13 19)</small> <i>Note: Porcelain or polymer finish on aluminum panel with polystyrene core.</i>		
07 42 13 19-0002 SF 1" Insulated Panel For Sash Or Window Replacement <i>For Non-Insulated Panels, Deduct</i>	24.96 -3.94	4.57
07 42 13 19-0003 SF 1-1/4" Insulated Panel For Sash Or Window Replacement <i>For Non-Insulated Panels, Deduct</i>	27.02 -4.21	5.14
07 42 13 19-0004 SF 1-3/4" Insulated Panel For Sash Or Window Replacement <i>For Non-Insulated Panels, Deduct</i>	28.90 -4.48	5.72
07 42 13 19-0005 SF 2-1/4" Insulated Panel For Sash Or Window Replacement <i>For Non-Insulated Panels, Deduct</i>	30.90 -4.75	5.94
07 42 13 19-0006 SF 3-1/4" Insulated Panel For Sash Or Window Replacement <i>For Non-Insulated Panels, Deduct</i>	35.05 -5.52	6.51
07 42 13 19-0007 SF 4-1/4" Insulated Panel For Sash Or Window Replacement <i>For Non-Insulated Panels, Deduct</i>	40.76 -6.62	7.20
07 42 13 23 Metal Composite Material Wall Panels <small>(07 42 13)</small>		
07 42 13 23-0001 24 Gauge, Galvanized Steel Insulated Tongue And Groove Metal Siding Panels <small>(07 42 13 23)</small> <i>Note: G-90 galvanized steel, 24 gauge exterior face and 24 gauge interior liner. Galvalume® AZ-55 coating designation with texture. Non-CFC polyurethane foam core. Standard color on exterior and interior panels. CF Mesa Profile wall panels as manufactured by Metl-Span Corporation.</i>		
07 42 13 23-0002 SF 2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	23.76 0.24 0.12	2.94
07 42 13 23-0003 SF 2-1/2" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	26.71 0.24 0.12	3.32

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 42 Wall Panels**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 42 13 23-0004	SF		3" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	29.20	3.77
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 13 23-0005	SF		4" Polyurethane Foam, 24 Gauge (Each Side), Galvanized Steel Insulated Tongue And Groove Metal Siding Panels.....	32.64	4.99
			<i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i>	0.24	
			<i>For Premium Exterior Colors, Add</i>	0.12	
07 42 63 Fabricated Wall Panel Assemblies (07 42)					
07 42 63 00-0001			Insulated Freezer And Chiller Panels (07 42 63) Note: Excludes suspension system for ceiling support.		
07 42 63 00-0002			Polyurethane Sandwich Panel (07 42 63 00-0001) Note: With 22 gauge galvanized sheet metal face excludes painting.		
07 42 63 00-0003	SF		2" 22 Gauge Freezer Panel Sheet Metal Both Faces	26.60	1.67
07 42 63 00-0004	SF		3" 22 Gauge Freezer Panel Sheet Metal Both Faces	28.26	1.67
07 42 63 00-0005	SF		4" 22 Gauge Freezer Panel Sheet Metal Both Faces	33.90	1.67
07 42 63 00-0006	SF		5" 22 Gauge Freezer Panel Sheet Metal Both Faces	36.78	1.78
07 42 63 00-0007	SF		6" 22 Gauge Freezer Panel Sheet Metal Both Faces	39.11	1.78
07 42 63 00-0008	SF		2" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	23.91	1.38
07 42 63 00-0009	SF		3" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	26.13	1.38
07 42 63 00-0010	SF		4" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	31.74	1.48
07 42 63 00-0011	SF		5" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	30.71	1.48
07 42 63 00-0012	SF		6" 22 Gauge Freezer Panel Sheet Metal One Face (Liner)	36.34	1.48
07 42 63 00-0013			Polyurethane Sandwich Panel (07 42 63 00-0001) Note: With .040 aluminum baked enamel finish.		
07 42 63 00-0014	SF		2" Freezer Panel 0.040" Aluminum Finish Both Faces	15.21	1.67
07 42 63 00-0015	SF		3" Freezer Panel 0.040" Aluminum Finish Both Faces	16.30	1.67
07 42 63 00-0016	SF		4" Freezer Panel 0.040" Aluminum Finish Both Faces	19.10	1.67
07 42 63 00-0017	SF		5" Freezer Panel 0.040" Aluminum Finish Both Faces	20.83	1.78
07 42 63 00-0018	SF		6" Freezer Panel 0.040" Aluminum Finish Both Faces	22.02	1.78
07 42 63 00-0019	SF		2" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	13.66	1.38
07 42 63 00-0020	SF		3" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	14.74	1.38
07 42 63 00-0021	SF		4" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	15.89	1.48
07 42 63 00-0022	SF		5" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	18.68	1.48
07 42 63 00-0023	SF		6" Freezer Panel 0.040" Aluminum Finish One Face (Liner Panel)	20.39	1.48
07 42 93 Soffit Panels (07 42)					
07 42 93 00-0001			Aluminum Soffit And Fascia (07 42 93) Note: Excludes J-channel.		
07 42 93 00-0002	LF		6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	4.69	1.60
			<i>For 0.015" Thick, Deduct</i>	-0.09	
07 42 93 00-0003	LF		10" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	5.83	1.68
			<i>For 0.015" Thick, Deduct</i>	-0.16	
07 42 93 00-0004	LF		1" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	6.40	1.73
			<i>For 0.015" Thick, Deduct</i>	-0.20	
07 42 93 00-0005	LF		1'-6" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	8.06	1.82
			<i>For 0.015" Thick, Deduct</i>	-0.32	
07 42 93 00-0006	LF		2" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	9.89	1.99
			<i>For 0.015" Thick, Deduct</i>	-0.43	
07 42 93 00-0007	LF		3" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	13.25	2.19
			<i>For 0.015" Thick, Deduct</i>	-0.63	
07 42 93 00-0008	LF		4" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	16.64	2.42
			<i>For 0.015" Thick, Deduct</i>	-0.86	
07 42 93 00-0009	LF		5" Overhang, 0.019" Thick, Solid Or Vented Aluminum Soffit	20.06	2.66
			<i>For 0.015" Thick, Deduct</i>	-1.06	
07 42 93 00-0010	LF		4" Exposure, 0.024" Thick, Aluminum Fascia	5.54	1.56
07 42 93 00-0011	LF		6" Exposure, 0.024" Thick, Aluminum Fascia	6.08	1.60
07 42 93 00-0012	LF		8" Exposure, 0.024" Thick, Aluminum Fascia	7.16	1.65
07 42 93 00-0013	LF		10" Exposure, 0.024" Thick, Aluminum Fascia	8.33	1.68
07 46 Siding (07 40)					
07 46 16			Aluminum Siding (07 46) Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 16 00-0001			Aluminum Coil Stock Cladding (07 46 16) Note: Per SF of board, includes overlappage.		
07 46 16 00-0002	SF		0.016" Thick, Aluminum Clad Siding	13.96	4.72
07 46 16 00-0003	SF		0.019" Thick, Aluminum Clad Siding	14.13	4.72
07 46 16 00-0004	SF		0.024" Thick, Aluminum Clad Siding	14.41	4.72
07 46 16 00-0005			Aluminum Siding Panels (07 46 16)		
07 46 16 00-0006			Corrugated Aluminum Siding Panels (07 46 16 00-0005) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0007	SF		0.019", Painted Finish, Corrugated Aluminum Siding Panel	9.51	2.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 16 00-0008 SF 0.021", Painted Finish, Corrugated Aluminum Siding Panel.....	9.90	2.56
07 46 16 00-0009 SF 0.024", Painted Finish, Corrugated Aluminum Siding Panel.....	11.12	2.56
07 46 16 00-0010 SF 0.032", Painted Finish, Corrugated Aluminum Siding Panel.....	13.52	2.56
07 46 16 00-0011 V- Beam Aluminum Siding Panels (07 46 16 00-0005) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0012 SF 0.032", Painted Finish, V- Beam Aluminum Siding Panel.....	13.42	2.56
07 46 16 00-0013 SF 0.040", Painted Finish, V- Beam Aluminum Siding Panel.....	15.03	2.56
07 46 16 00-0014 SF 0.050", Painted Finish, V- Beam Aluminum Siding Panel.....	18.83	2.56
07 46 16 00-0015 Box Ribbed Aluminum Siding Panels (07 46 16 00-0005) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0016 SF 0.032", Painted Finish, Box Ribbed Aluminum Siding Panel.....	14.13	2.56
07 46 16 00-0017 SF 0.040", Painted Finish, Box Ribbed Aluminum Siding Panel.....	15.68	2.56
07 46 16 00-0018 SF 0.050", Painted Finish, Box Ribbed Aluminum Siding Panel.....	16.63	2.56
07 46 16 00-0019 Aluminum Siding Accessories (07 46 16) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 16 00-0020 LF 3/8" Pocket, Aluminum J-Channel.....	3.62	1.49
07 46 16 00-0021 LF 1/2" Pocket, Aluminum J-Channel.....	3.62	1.49
07 46 16 00-0022 LF 3/4" Pocket, Aluminum J-Channel.....	4.29	1.49
07 46 16 00-0023 LF 3/8" Pocket, Aluminum F-Channel.....	3.99	1.49
07 46 16 00-0024 LF 1/2" Pocket, Aluminum F-Channel.....	3.99	1.49
07 46 19 Steel Siding (07 46) Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 19 00-0001 Steel Siding Panels (07 46 19)		
07 46 19 00-0002 Corrugated Steel Siding Panels (07 46 19 00-0001) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0003 SF 20 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	13.30	2.56
For Galvanized Instead Of Painted Steel, Add	2.05	
07 46 19 00-0004 SF 22 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	12.25	2.56
For Galvanized Instead Of Painted Steel, Add	1.79	
07 46 19 00-0005 SF 24 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	11.98	2.56
For Galvanized Instead Of Painted Steel, Add	1.72	
07 46 19 00-0006 SF 26 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	8.87	2.56
For Galvanized Instead Of Painted Steel, Add	0.94	
07 46 19 00-0007 SF 28 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	8.65	2.56
For Galvanized Instead Of Painted Steel, Add	0.89	
07 46 19 00-0008 SF 30 Gauge, Painted Finish, Corrugated Steel Siding Panel.....	8.50	2.56
For Galvanized Instead Of Painted Steel, Add	0.85	
07 46 19 00-0009 Box Ribbed Steel Siding Panels (07 46 19 00-0001) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0010 SF 20 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	12.51	2.56
For Galvanized Instead Of Painted Steel, Add	1.85	
07 46 19 00-0011 SF 22 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	12.04	2.56
For Galvanized Instead Of Painted Steel, Add	1.73	
07 46 19 00-0012 SF 24 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	11.72	2.56
For Galvanized Instead Of Painted Steel, Add	1.65	
07 46 19 00-0013 SF 26 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	11.19	2.56
For Galvanized Instead Of Painted Steel, Add	1.52	
07 46 19 00-0014 SF 28 Gauge, Painted Finish, Box Ribbed Steel Siding Panel.....	10.06	2.56
For Galvanized Instead Of Painted Steel, Add	1.24	
07 46 19 00-0015 Clapboard Steel Siding Panels (07 46 19 00-0001) Note: Includes factory applied polyvinylidene fluoride (PVDF) paint finish.		
07 46 19 00-0016 SF 29 Gauge, Painted Finish, Clapboard Steel Siding Panel.....	10.43	1.28
07 46 23 Wood Siding (07 46) Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 23 00-0001 Wood Lap Siding (07 46 23)		
07 46 23 00-0002 LF 8" Wide Rough Sawn Cedar Lap Siding.....	3.92	1.56
07 46 23 00-0003 LF 10" Wide Rough Sawn Cedar Lap Siding.....	4.35	1.67
07 46 23 00-0004 LF 12" Wide Rough Sawn Cedar Lap Siding.....	4.80	1.77
07 46 23 00-0005 LF 6" To 8" Wide Southern Yellow Pine Lap Siding, D Grade.....	4.15	1.56
07 46 23 00-0006 LF 6" To 8" Wide Spruce Lap Siding, #2 Or Better.....	4.56	1.56
07 46 23 00-0007 LF 6" To 8" Wide Western Red Cedar, B Grade Lap Siding.....	5.43	1.56
07 46 23 00-0008 LF 6" To 8" Wide Western Red Cedar, A Grade Lap Siding.....	5.77	1.56
07 46 23 00-0009 LF 6" To 8" Wide Clear Heart Redwood Lap Siding.....	5.29	1.56
07 46 23 00-0010 LF 1" x 8" Cedar Round Or Flat Front Siding, Log Cabin.....	3.95	1.67
07 46 23 00-0011 LF 1" x 8" Cedar Beveled Siding, Channel, Rustic.....	3.95	1.67
07 46 23 00-0012 Tongue And Groove Siding (07 46 23)		

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels****07 46 Siding**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 23 00-0013	SF		1" x 6" Tongue And Groove Southern Yellow Pine Siding	3.90	1.56
07 46 23 00-0014	SF		1" x 8" Tongue And Groove Southern Yellow Pine Siding	4.26	1.56
07 46 23 00-0015	SF		1" x 6" 105 Southern Yellow Pine Siding	3.99	1.56
07 46 23 00-0016	SF		1" x 8" 105 Southern Yellow Pine Siding	4.48	1.56
07 46 29			Plywood Siding (07 46)		
			Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 29 00-0001			T-111 Siding (07 46 29)		
07 46 29 00-0002	SF		5/8" T-111, Fine Grade Siding, Paint Ready Applied To Blackboard / Stud.....	2.57	0.80
			For Pressure Treated, Add	0.18	
07 46 33			Plastic Siding (07 46)		
			Note: Includes fasteners, all necessary furring strips, trim for corners, windows and doors.		
07 46 33 00-0001			Vinyl Siding (07 46 33)		
			Note: Includes standard manufacturer's colors.		
07 46 33 00-0002			Vinyl Siding Panels (07 46 33 00-0001)		
			Note: Excludes J-channels, starter strips and trim.		
07 46 33 00-0003			Horizontal Vinyl Siding Panels (07 46 33 00-0002)		
			Note: Includes single, double or triple profiles. Includes traditional clapboard or dutch lap styles.		
07 46 33 00-0004	SF		7" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.44	1.96
			For 0.040" Thick, Deduct	-0.21	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.60	
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0005	SF		8" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.22	1.84
			For 0.040" Thick, Deduct	-0.21	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.60	
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0006	SF		9" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	5.04	1.76
			For 0.040" Thick, Deduct	-0.21	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.60	
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0007	SF		10" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.87	1.67
			For 0.040" Thick, Deduct	-0.21	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.60	
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0008	SF		12" Exposure, 0.044" Thick, Horizontal Vinyl Siding Panel.....	4.64	1.55
			For 0.040" Thick, Deduct	-0.21	
			For 0.042" Thick, Deduct	-0.08	
			For 0.046" Thick, Add	0.60	
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0009			Vertical Vinyl Siding Panels (07 46 33 00-0002)		
07 46 33 00-0010	SF		7" Exposure, 0.048" Thick, Board And Batten, Vinyl Siding Panel.....	6.63	1.96
			For Manufacturer's Custom Colors, Add	0.14	
07 46 33 00-0011			Vinyl Siding Accessories (07 46 33 00-0001)		
07 46 33 00-0012	LF		3/4" Pocket, Outside Corner Post For Vinyl Siding	6.90	1.49
			For Manufacturer's Custom Colors, Add	0.19	
07 46 33 00-0013	LF		1-1/8" Pocket, Outside Corner Post For Vinyl Siding	12.86	1.49
			For Manufacturer's Custom Colors, Add	0.49	
07 46 33 00-0014	LF		3/4" Pocket, Inside Corner Post For Vinyl Siding	5.40	1.49
			For Manufacturer's Custom Colors, Add	0.12	
07 46 33 00-0015	LF		1-1/8" Pocket, Inside Corner Post For Vinyl Siding	6.66	1.49
			For Manufacturer's Custom Colors, Add	0.18	
07 46 33 00-0016	LF		3/8" Pocket, J-Channel For Vinyl Siding	3.95	1.49
			For Manufacturer's Custom Colors, Add	0.06	
07 46 33 00-0017	LF		1/2" Pocket, J-Channel For Vinyl Siding	3.67	1.49
			For Manufacturer's Custom Colors, Add	0.05	
07 46 33 00-0018	LF		5/8" Pocket, J-Channel For Vinyl Siding	3.61	1.49
			For Manufacturer's Custom Colors, Add	0.04	
07 46 33 00-0019	LF		3/4" Pocket, J-Channel For Vinyl Siding	3.79	1.49
			For Manufacturer's Custom Colors, Add	0.05	
07 46 33 00-0020	LF		1" Pocket, J-Channel For Vinyl Siding	4.54	1.49
			For Manufacturer's Custom Colors, Add	0.08	
07 46 33 00-0021	LF		1-1/4" Pocket, J-Channel For Vinyl Siding	4.97	1.49
			For Manufacturer's Custom Colors, Add	0.10	
07 46 33 00-0022	LF		2-1/2" Pocket, J-Channel For Vinyl Siding	5.52	1.49
			For Manufacturer's Custom Colors, Add	0.09	
07 46 33 00-0023	LF		1/2" Pocket, F-Channel For Vinyl Siding	3.80	1.49
			For Manufacturer's Custom Colors, Add	0.07	
07 46 33 00-0024	LF		3/4" Pocket, 3-1/2" Lineal Trim For Vinyl Siding	8.73	2.07
			For Manufacturer's Custom Colors, Add	0.23	
07 46 33 00-0025	LF		3/4" Pocket, 5" Lineal Trim For Vinyl Siding	9.15	2.07
			For Manufacturer's Custom Colors, Add	0.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 46 33 00-0026 LF 1-1/8" Pocket, 3-1/2" Lineal Trim For Vinyl Siding <i>For Manufacturer's Custom Colors, Add</i>	10.08 0.30	2.07
07 46 33 00-0027 LF 3/8" Pocket, 1-7/8" H-Mold For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	5.16 0.11	1.49
07 46 33 00-0028 LF Vinyl Starter Strip For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	6.48 0.17	1.49
07 46 33 00-0029 LF Undersill Trim For Vinyl Siding..... <i>For Manufacturer's Custom Colors, Add</i>	5.53 0.13	1.49
07 46 33 00-0030 Vinyl Soffit And Fascia (07 46 33 00-0001) Note: Excludes J-channel.		
07 46 33 00-0031 LF 6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	4.61 -0.63 -0.54 0.07	1.60
07 46 33 00-0032 LF 10" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	5.71 -1.06 -0.90 0.12	1.68
07 46 33 00-0033 LF 1" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	6.26 -1.29 -1.08 0.14	1.73
07 46 33 00-0034 LF 1'-6" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit..... <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	7.84 -1.92 -1.62 0.21	1.82
07 46 33 00-0035 LF 2" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	9.61 -2.58 -2.15 0.28	1.99
07 46 33 00-0036 LF 3" Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	12.82 -3.87 -3.23 0.42	2.19
07 46 33 00-0037 LF 4' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	16.07 -5.15 -4.33 0.56	2.42
07 46 33 00-0038 LF 5' Overhang, 0.044" Thick, Solid Or Vented Vinyl Soffit <i>For 0.038" Thick, Deduct</i> <i>For 0.040" Thick, Deduct</i> <i>For Manufacturer's Custom Colors, Add</i>	19.35 -6.44 -5.40 0.70	2.66
07 46 33 00-0039 LF 4" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	4.82 0.08	1.56
07 46 33 00-0040 LF 6" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	5.39 0.11	1.60
07 46 33 00-0041 LF 8" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	5.32 0.10	1.65
07 46 33 00-0042 LF 10" Exposure, Vinyl Fascia..... <i>For Manufacturer's Custom Colors, Add</i>	6.12 0.14	1.68
07 46 33 00-0043 Fiberglass Siding (07 46 33)		
07 46 33 00-0044 Corrugated Panels (07 46 33 00-0043)		
07 46 33 00-0045 SF 6 Ounce Corrugated Fiberglass Panels.....	7.06	2.31
07 46 33 00-0046 SF 8 Ounce Corrugated Fiberglass Panels.....	7.52	2.07
07 46 33 00-0047 SF 12 Ounce Corrugated Fiberglass Panels.....	8.35	2.07
07 46 33 00-0048 Flat Panels (07 46 33 00-0043)		
07 46 33 00-0049 SF 6 Ounce Flat Fiberglass Panels.....	6.76	2.07
07 46 33 00-0050 SF 8 Ounce Flat Fiberglass Panels.....	7.52	2.07
07 46 46 Fiber-Cement Siding (07 46) Note: Smooth or patterns. Includes sealer and primer.		
07 46 46 00-0001 5/16" Thick, Fiber Cement Lap Siding (07 46 46)		
07 46 46 00-0002 SF 5-1/4" Board with 4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	6.32	2.42
07 46 46 00-0003 SF 6-1/4" Board with 5" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	6.01	2.31
07 46 46 00-0004 SF 7-1/4" Board with 6" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.88	2.24
07 46 46 00-0005 SF 8-1/4" Board with 7" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.74	2.18
07 46 46 00-0006 SF 9-1/2" Board with 8" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.47	2.07
07 46 46 00-0007 SF 12" Board with 10-3/4" Exposure, 5/16" Thick, Fiber Cement Lap Siding.....	5.21	1.96
07 46 46 00-0008 LF Starter Strip, Fiber Cement Lap Siding.....	1.38	0.58
07 46 46 00-0009 Fiber Cement Shingle Siding (07 46 46)		
07 46 46 00-0010 SF Fiber Cement Shingle Siding.....	8.80	2.13
07 46 46 00-0011 Fiber Cement Vertical Panel Siding (07 46 46)		

07 Thermal And Moisture Protection**07 40 Roofing and Siding Panels**

07 46 Siding

MINOR			TOTAL DIRECT DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 46 46 00-0012	SF	Fiber Cement Vertical Panel Siding.....	4.61	1.73
07 46 46 00-0013		Fiber Cement Trim Boards (07 46 46)		
07 46 46 00-0014		7/16" Thick, Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0015	LF	4" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.03	1.15
07 46 46 00-0016	LF	6" Wide, 7/16" Thick, Fiber Cement Trim Board.....	3.73	1.27
07 46 46 00-0017	LF	8" Wide, 7/16" Thick, Fiber Cement Trim Board.....	4.41	1.38
07 46 46 00-0018	LF	12" Wide, 7/16" Thick, Fiber Cement Trim Board.....	5.68	1.62
07 46 46 00-0019		3/4" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0020	LF	4" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.15	1.15
07 46 46 00-0021	LF	6" Wide, 3/4" Thick, Fiber Cement Trim Board.....	3.91	1.27
07 46 46 00-0022	LF	8" Wide, 3/4" Thick, Fiber Cement Trim Board.....	4.71	1.38
07 46 46 00-0023	LF	12" Wide, 3/4" Thick, Fiber Cement Trim Board.....	5.02	1.62
07 46 46 00-0024		1" Thick Fiber Cement Trim Boards (07 46 46 00-0013)		
07 46 46 00-0025	LF	4" Wide, 1" Thick, Fiber Cement Trim Board.....	3.30	1.15
07 46 46 00-0026	LF	6" Wide, 1" Thick, Fiber Cement Trim Board.....	4.18	1.27
07 46 46 00-0027	LF	8" Wide, 1" Thick, Fiber Cement Trim Board.....	5.10	1.38
07 46 46 00-0028	LF	12" Wide, 1" Thick, Fiber Cement Trim Board.....	6.68	1.62
07 46 46 00-0029		Fiber Cement Fascia Board (07 46 46)		
07 46 46 00-0030	LF	5/4" x 3-1/2" Fiber Cement Fascia Board.....	5.73	2.28
07 46 46 00-0031	LF	5/4" x 5-1/2" Fiber Cement Fascia Board.....	6.92	2.54
07 46 46 00-0032	LF	5/4" x 7-1/4" Fiber Cement Fascia Board.....	7.50	2.54
07 46 46 00-0033	LF	5/4" x 11-1/4" Fiber Cement Fascia Board.....	9.64	2.98
07 46 46 00-0034		Fiber Cement Soffit Boards (07 46 46)		
07 46 46 00-0035	SF	1/4" Thick, Non-Vented Fiber Cement Soffit.....	7.22	1.65
07 46 46 00-0036	SF	1/4" Thick, Vented Fiber Cement Soffit.....	7.73	1.65
07 46 63		Fabricated Panel Assemblies with Siding (07 46)		
07 46 63 00-0001		Metal Liner Panels (07 46 63)		
07 46 63 00-0002		Galvanized (07 46 63 00-0001)		
07 46 63 00-0003	SF	24 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	11.28	2.28
07 46 63 00-0004	SF	22 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	12.34	2.28
07 46 63 00-0005	SF	20 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	14.21	2.28
07 46 63 00-0006	SF	18 Gauge, 1-3/8" Thick Galvanized Metal Liner Panel.....	14.40	2.28
07 50 Membrane Roofing (07)				
See CSI section 07 22 16 00-0000 for insulation, 07 60 00 00-0000 for additional flashing, sheet metal and trim, 07 70 00 00-0000 for additional roof accessories.				
07 51 Built-Up Bituminous Roofing (07 50)				
07 51 13 Built-Up Asphalt Roofing (07 51)				
07 51 13 00-0001		Built-Up Asphalt Roofing Components (07 51 13)		
07 51 13 00-0002		Built-Up Asphalt Membrane Roofing (07 51 13 00-0001)		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0067 for built-up roofing demolition.				
07 51 13 00-0003		Cold Adhesive Applied, Built-Up Asphalt Membrane Roofing (07 51 13 00-0002)		
Note: Includes applying cold adhesive and embedding the membrane.				
07 51 13 00-0004		Cold Adhesive Applied, Built-Up Asphalt Roofing Base, Ply And Cap Sheets (07 51 13 00-0003)		
07 51 13 00-0005	SQ	Type IV, Asphalt Coated Fiberglass Ply Sheet, Cold Adhesive Applied.....	112.46	
		For Up To 10, Add	29.23	
		For >10 To 20, Add	16.30	
		For >20 To 40, Add	8.99	
		For >75 To 100, Deduct	-4.50	
		For >100 To 200, Deduct	-9.84	
		For >200, Deduct	-14.33	
07 51 13 00-0006	SQ	Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Cold Adhesive Applied.....	317.70	
		For Up To 10, Add	70.28	
		For >10 To 20, Add	36.83	
		For >20 To 40, Add	19.26	
		For >75 To 100, Deduct	-9.63	
		For >100 To 200, Deduct	-20.10	
		For >200, Deduct	-29.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0007 Cold Adhesive Applied, Built-Up Asphalt Roofing Flashing <small>(07 51 13 00-0003)</small>		
07 51 13 00-0008 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Cold Adhesive Applied.....	7.47	
07 51 13 00-0009 Hot-Mopped, Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0002)</small>		
Note: Includes mopping hot asphalt and embedding the membrane.		
07 51 13 00-0010 Hot-Mopped, Built-Up Asphalt Roofing Base, Ply And Cap Sheets <small>(07 51 13 00-0009)</small>		
07 51 13 00-0011 SQ Type IV, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	81.84	
For Up To 10, Add	23.24	
For >10 To 20, Add	13.34	
For >20 To 40, Add	7.53	
For >75 To 100, Deduct	-3.76	
For >100 To 200, Deduct	-8.39	
For >200, Deduct	-12.15	
07 51 13 00-0012 SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Hot-Mopped	87.69	
For Up To 10, Add	24.41	
For >10 To 20, Add	13.92	
For >20 To 40, Add	7.82	
For >75 To 100, Deduct	-3.91	
For >100 To 200, Deduct	-8.68	
For >200, Deduct	-12.59	
07 51 13 00-0013 SQ Fine Mineral Surfaced, Asphalt Coated Fiberglass Base Sheet, Hot-Mopped.....	94.34	
For Up To 10, Add	25.74	
For >10 To 20, Add	14.59	
For >20 To 40, Add	8.15	
For >75 To 100, Deduct	-4.08	
For >100 To 200, Deduct	-9.01	
For >200, Deduct	-13.09	
07 51 13 00-0014 SQ Asphalt Coated Fiberglass Venting Base Sheet, Hot-Mopped	168.09	
For Up To 10, Add	40.49	
For >10 To 20, Add	21.96	
For >20 To 40, Add	11.84	
For >75 To 100, Deduct	-5.92	
For >100 To 200, Deduct	-12.70	
For >200, Deduct	-18.62	
07 51 13 00-0015 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Hot-Mopped	287.09	
For Up To 10, Add	64.29	
For >10 To 20, Add	33.86	
For >20 To 40, Add	17.79	
For >75 To 100, Deduct	-8.89	
For >100 To 200, Deduct	-18.65	
For >200, Deduct	-27.54	
07 51 13 00-0016 SQ Granule Surfaced, Asphalt Coated Fiberglass Cap Sheet, Hot-Mopped	216.35	
For Up To 10, Add	50.79	
For >10 To 20, Add	27.28	
For >20 To 40, Add	14.58	
For >75 To 100, Deduct	-7.29	
For >100 To 200, Deduct	-15.52	
For >200, Deduct	-22.81	
07 51 13 00-0017 Hot-Mopped, Built-Up Asphalt Roofing Flashing <small>(07 51 13 00-0009)</small>		
07 51 13 00-0018 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Hot-Mopped	4.67	
07 51 13 00-0019 Mechanically Fastened, Built-Up Asphalt Membrane Roofing <small>(07 51 13 00-0002)</small>		
Note: Includes fasteners.		
07 51 13 00-0020 Mechanically Fastened, Built-Up Asphalt Roofing Base, Ply And Cap Sheets <small>(07 51 13 00-0019)</small>		
07 51 13 00-0021 SQ Type VI, Asphalt Coated Fiberglass Ply Sheet, Mechanically Fastened.....	88.15	
For Up To 10, Add	21.00	
For >10 To 20, Add	11.34	
For >20 To 40, Add	6.09	
For >75 To 100, Deduct	-3.05	
For >100 To 200, Deduct	-6.51	
For >200, Deduct	-9.56	
07 51 13 00-0022 SQ Asphalt Coated Fiberglass Venting Base Sheet, Mechanically Fastened.....	168.55	
For Up To 10, Add	37.08	
For >10 To 20, Add	19.38	
For >20 To 40, Add	10.11	
For >75 To 100, Deduct	-5.06	
For >100 To 200, Deduct	-10.53	
For >200, Deduct	-15.59	
07 51 13 00-0023 SQ Asphalt Coated Polyester And Fiberglass Scrim, Base Or Ply Sheet, Mechanically Fastened	287.54	
For Up To 10, Add	60.88	
For >10 To 20, Add	31.28	
For >20 To 40, Add	16.06	
For >75 To 100, Deduct	-8.03	
For >100 To 200, Deduct	-16.48	
For >200, Deduct	-24.51	
07 51 13 00-0024 Mechanically Fastened, Built-Up Asphalt Roofing Flashing <small>(07 51 13 00-0019)</small>		
07 51 13 00-0025 SF Asphalt Coated Polyester And Fiberglass Scrim, Flashing, Mechanically Fastened	5.71	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
07 51 13 00-0026		Asphalt Saturated Organic Felt (07 51 13 00-0001)			
07 51 13 00-0027		Cold Adhesive Applied, Asphalt Saturated Organic Felt (07 51 13 00-0026)			
		Note: Includes applying cold adhesive and embedding the felt.			
07 51 13 00-0028	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	108.80		
		For Up To 10, Add	28.50		
		For >10 To 20, Add	15.94		
		For >20 To 40, Add	8.81		
		For >75 To 100, Deduct	-4.41		
		For >100 To 200, Deduct	-9.65		
		For >200, Deduct	-14.06		
07 51 13 00-0029	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Cold Adhesive Applied	123.89		
		For Up To 10, Add	31.52		
		For >10 To 20, Add	17.45		
		For >20 To 40, Add	9.57		
		For >75 To 100, Deduct	-4.78		
		For >100 To 200, Deduct	-10.41		
		For >200, Deduct	-15.19		
07 51 13 00-0030		Hot-Mopped, Asphalt Saturated Organic Felt (07 51 13 00-0026)			
		Note: Includes mopping hot asphalt and embedding the felt.			
07 51 13 00-0031	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	78.18		
		For Up To 10, Add	22.51		
		For >10 To 20, Add	12.97		
		For >20 To 40, Add	7.34		
		For >75 To 100, Deduct	-3.67		
		For >100 To 200, Deduct	-8.20		
		For >200, Deduct	-11.87		
07 51 13 00-0032	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Hot-Mopped	93.27		
		For Up To 10, Add	25.52		
		For >10 To 20, Add	14.48		
		For >20 To 40, Add	8.10		
		For >75 To 100, Deduct	-4.05		
		For >100 To 200, Deduct	-8.96		
		For >200, Deduct	-13.01		
07 51 13 00-0033		Mechanically Fastened, Asphalt Saturated Organic Felt (07 51 13 00-0026)			
		Note: Includes fasteners.			
07 51 13 00-0034	SQ	15 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	39.30		
		For Up To 10, Add	11.23		
		For >10 To 20, Add	6.46		
		For >20 To 40, Add	3.65		
		For >75 To 100, Deduct	-1.82		
		For >100 To 200, Deduct	-4.07		
		For >200, Deduct	-5.89		
07 51 13 00-0035	SQ	30 LB, Asphalt Saturated Organic Base Or Ply Sheet, Mechanically Fastened.....	54.39		
		For Up To 10, Add	14.25		
		For >10 To 20, Add	7.97		
		For >20 To 40, Add	4.40		
		For >75 To 100, Deduct	-2.20		
		For >100 To 200, Deduct	-4.82		
		For >200, Deduct	-7.03		
07 51 13 00-0036		Surfacing (07 51 13 00-0001)			
07 51 13 00-0037	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Hot Asphalt Flood Coat	171.89		
		For Up To 10, Add	51.23		
		For >10 To 20, Add	29.83		
		For >20 To 40, Add	17.02		
		For >75 To 100, Deduct	-8.51		
		For >100 To 200, Deduct	-19.13		
		For >200, Deduct	-27.64		
07 51 13 00-0038	SQ	400 LB/SQ Gravel Roofing Ballast, Set In Cold Adhesive Flood Coat	260.70		
		For Up To 10, Add	69.00		
		For >10 To 20, Add	38.71		
		For >20 To 40, Add	21.46		
		For >75 To 100, Deduct	-10.73		
		For >100 To 200, Deduct	-23.57		
		For >200, Deduct	-34.30		
07 51 13 00-0039	CY	Gravel Roofing Ballast, Spread To Desired Thickness	176.86		
		Note: Excludes hot asphalt or cold adhesive.			
07 51 13 00-0040	SQ	Protective Polypropylene Fabric Mat, Loose Laid	50.76		
		Note: Installed as a separator mat (under membrane), a crushed stone mat (above membrane) or as a stone separator mat in ballasted systems.			
		For Up To 10, Add	12.38		
		For >10 To 20, Add	6.74		
		For >20 To 40, Add	3.65		
		For >75 To 100, Deduct	-1.83		
		For >100 To 200, Deduct	-3.93		
		For >200, Deduct	-5.75		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0041 SQ Clay-Stabilized, Water-Based Asphalt Emulsion With Reinforcing Fibers, Weather-Proofing Surface Coating, Price Per Coat 129.43 Note: Protective coating for use over built-up, SBS and APP modified bitumen, metal, concrete and wood roofs.		
For Up To 10, Add	29.93	
For >10 To 20, Add	15.98	
For >20 To 40, Add	8.49	
For >75 To 100, Deduct	-4.25	
For >100 To 200, Deduct	-9.00	
For >200, Deduct	-13.25	
07 51 13 00-0042 SQ Fibrated Aluminum, Asphalt-Based, Reflective Weather-Proofing Surface Coating, Price Per Coat..... 114.74 Note: Protective and reflective coating for use over built-up, SBS and APP modified bitumen and metal roofs.		
For Up To 10, Add	26.99	
For >10 To 20, Add	14.51	
For >20 To 40, Add	7.76	
For >75 To 100, Deduct	-3.88	
For >100 To 200, Deduct	-8.27	
For >200, Deduct	-12.15	
07 51 13 00-0043 SQ Aluminum Flakes And Reinforcing Fibers Suspended In Emulsified Asphalt, Reflective Surface Coating, Price Per Coat..... 154.82 Note: Reflective coating for use over smooth-surfaced built-up roofs.		
For Up To 10, Add	35.01	
For >10 To 20, Add	18.52	
For >20 To 40, Add	9.76	
For >75 To 100, Deduct	-4.88	
For >100 To 200, Deduct	-10.27	
For >200, Deduct	-15.15	
07 51 13 00-0044 SQ 100% Acrylic Elastomeric, Reflective Surface Coating, Price Per Coat..... 156.13 Note: Reflective coating for use over built-up, SBS and APP modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
For Up To 10, Add	35.27	
For >10 To 20, Add	18.65	
For >20 To 40, Add	9.83	
For >75 To 100, Deduct	-4.91	
For >100 To 200, Deduct	-10.34	
For >200, Deduct	-15.25	
For Installation Over Granule Surfaced Asphalt Roof Systems, Add	46.87	
07 51 13 00-0045 SQ 100% Acrylic Elastomeric, Bleed Blocking Base Coating, Price Per Coat..... 161.53 Note: Bleed blocking coating for use over built-up, Styrene-Butadiene-Styrene (SBS) and Atactic-Polypropylene (APP) modified bitumen roofs. For use on smooth or granule surfaced roofing systems.		
For Up To 10, Add	36.35	
For >10 To 20, Add	19.19	
For >20 To 40, Add	10.10	
For >75 To 100, Deduct	-5.05	
For >100 To 200, Deduct	-10.61	
For >200, Deduct	-15.66	
For Installation Over Granule Surfaced Asphalt Roof Systems, Add	48.65	
07 51 13 00-0046 SF Ceramic Coated Roofing Granules, Hand Broadcast 2.48 Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0047 SF Energy Star, Ceramic Coated UltraWhite Roofing Granules, Hand Broadcast..... 4.36 Note: For application over liquid flashing/membranes, asphalt bleed-out areas, modified or BUR membrane repairs, etc.		
07 51 13 00-0048 SQ Vapor Permeable Synthetic Underlayment (GAF Deck-Armor™)..... 38.28		
07 51 13 00-0049 Walkway Pads (07 51 13 00-0001) Note: Set in hot asphalt or cold adhesive.		
07 51 13 00-0050 LF 5/16" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad..... 32.55		
07 51 13 00-0051 LF 1/2" Thick, 32" Wide, Skid Resistant, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Walkway Pad..... 38.87		
07 51 13 00-0052 Cant And Tapered Edge Strips (07 51 13 00-0001)		
07 51 13 00-0053 LF 2" x 2" Perlite Cant Strip 4.17		
07 51 13 00-0054 LF 3" x 3" Perlite Cant Strip 4.32		
07 51 13 00-0055 LF 4" x 4" Perlite Cant Strip 5.01		
07 51 13 00-0056 LF 3" x 3" Pressure Treated Wood Cant Strip, Cut Diagonally 3.82		
07 51 13 00-0057 LF 4" x 4" Pressure Treated Wood Cant Strip, Cut Diagonally 3.92		
07 51 13 00-0058 LF 1/2" x 6" Perlite Tapered Edge Strip 4.66		
07 51 13 00-0059 LF 1/2" x 12" Perlite Tapered Edge Strip 5.45		
07 51 13 00-0060 LF 1" x 12" Perlite Tapered Edge Strip 5.67		
07 51 13 00-0061 LF 1" x 24" Perlite Tapered Edge Strip 6.49		
07 51 13 00-0062 LF 1-1/2" x 12" Perlite Tapered Edge Strip 6.41		
07 51 13 00-0063 LF 1-1/2" x 18" Perlite Tapered Edge Strip 7.91		
07 51 13 00-0064 LF 1-1/2" x 24" Perlite Tapered Edge Strip 8.99		
07 51 13 00-0065 Asphalt Primer (07 51 13 00-0001)		
07 51 13 00-0066 SQ Asphalt Primer For Roofing Systems..... 35.41 Note: Foundation coating for hot-mopped and cold applied asphalt coatings, roof cements, and asphalt based roof adhesives. For use on weathered roofing, asphalt, concrete, gypsum, masonry, block, brick and metal surfaces.		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
07 51 13 00-0067		Demolish Built-Up Roofing (07 51 13 00-0001) Note: For removing any asphalt, coal tar or modified bitumen roofing system, including surfacing material down to the insulation or recovery board. Includes removal of any basic roof accessories and any sheet metals; except special existing conditions (mechanical equipment piping, electrical, ducts, etc.).			
07 51 13 00-0068	SQ	Demolish Gravel/Slag Surfaced, Built Up Roofing System	354.00		
		For Up To 10, Add	87.76		
		For >10 To 25, Add	52.65		
07 51 13 00-0069	SQ	Demolish Cap Sheet Surfaced, Built Up Roofing System	273.09		
		Note: Includes protective surfacing.			
		For Up To 10, Add	67.70		
		For >10 To 25, Add	40.62		
07 51 13 00-0070		Roofing System Warranty (07 51 13 00-0001) Note: The warranty tasks below are only to be used in conjunction with the built-up bituminous and modified bituminous membrane roofing sections. The appropriate task is to be applied to the completed roofing membrane systems, not individual components. All warranties are no dollar limit to include material, equipment and labor.			
07 51 13 00-0071	EA	Up To 50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	620.24		
07 51 13 00-0072	SQ	>50 SQ, 10 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	8.86		
07 51 13 00-0073	EA	Up To 50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	708.84		
07 51 13 00-0074	SQ	>50 SQ, 15 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	14.18		
07 51 13 00-0075	EA	Up To 50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	974.66		
07 51 13 00-0076	SQ	>50 SQ, 20 Year, Built-Up Bituminous Or Modified Bituminous Membrane, Roofing System Warranty	19.49		
07 51 13 00-0077		Built-Up Roofing Components (Garland) (07 51 13) Note: All tasks presented as a single layer. Adhesives are priced separately.			
07 51 13 00-0078		Modified Cap Membranes (07 51 13 00-0077) See CSI section 07 51 13 00-0102 for base membrane.			
07 51 13 00-0079		Modified Cap Membranes, Hot/Cold Applied (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.			
07 51 13 00-0080	SQ	Stressply® FR Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane, Minimum 145 Mil	707.37		
07 51 13 00-0081	SQ	Stressply® Plus Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane With Recycled Rubber, 105 Mil	505.72		
07 51 13 00-0082	SQ	Stressply® Plus FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Fiberglass Reinforced Membrane With Recycled Rubber, Minimum 155 Mil	626.43		
07 51 13 00-0083	SQ	Stressply® E Eco-Responsible, Smooth Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials	651.00		
07 51 13 00-0084	SQ	Stressply® E FR Mineral Eco-Responsible, Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Membrane With High Recycled Content And Renewable Materials, Minimum 160 Mil	906.85		
07 51 13 00-0085	SQ	Stressply® EUV Fiberglass Reinforced, Minimum Poly/Fiberglass Reinforced White T-24 Styrene-Butadiene-Styrene (SBS)/Styrene-Isoprene-Styrene (SIS) Modified Membrane With Recycled Rubber, 160 Mil	1,019.60		
07 51 13 00-0086	SQ	Versiply® III 80 Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 80 Mil	427.92		
		Note: Low strength cap sheet for hot or cold modified systems used with gravel.			
07 51 13 00-0087	SQ	Versiply® III Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Minimum 145 Mil	539.70		
07 51 13 00-0088	SQ	BiFlex® Cap Fiberglass Reinforced, Mineral Surfaced Styrene-Butadiene-Styrene (SBS) Modified Membrane, 140 Mil	329.58		
07 51 13 00-0089		Modified Cap Membranes, Self-Adhering (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 25 year leak-free warranty.			
07 51 13 00-0090	SQ	Stressply® SA FR Mineral Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Fiberglass Reinforced Membrane, Minimum 140 Mil	640.15		
		Note: Self adhering system. One HPR SA FR base with one ply Stress Ply SA FR cap sheet.			
07 51 13 00-0091		Modified Cap Membranes, Torch-Applied (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.			
07 51 13 00-0092	SQ	Stressply® IV Dual Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	788.33		
		Note: Smooth surfaced Styrene-Butadiene-Styrene (SBS) torch modified top ply of torch system with gravel.			
07 51 13 00-0093	SQ	Stressply® IV Mineral Dual Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Minimum 195 Mil	857.71		
07 51 13 00-0094	SQ	Stressply® IV UV Mineral Fiberglass Reinforced, Starburst Surface Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, Title 24 Compliant, 195 Mil	903.96		
07 51 13 00-0095	SQ	Stressply® IV Plus Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Membrane, Torch Applied, 180 Mil	825.91		
07 51 13 00-0096	SQ	Stressply® IV Plus Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Mineral Surfaced Membrane, Torch Applied, 195 Mil	875.06		
07 51 13 00-0097	SQ	Stressply® IV Plus UV Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Reflective Mineral Membrane, Torch Applied, 195 Mil	918.43		
07 51 13 00-0098		Modified Cap Membranes, Coal Tar Pitch Systems (07 51 13 00-0078) Note: As manufactured by Garland. Pricing represents single ply per square. Includes 30 year leak-free warranty.			
07 51 13 00-0099	SQ	Millennium® Poly/Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 120 Mil	727.32		
07 51 13 00-0100	SQ	Millennium® FR Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Fiberglass Reinforced Membrane, Minimum 160 Mil	1,149.69		
07 51 13 00-0101	SQ	Millennium® Mineral Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Coal Tar Membrane, Minimum 160 Mil	935.77		

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 51 13 00-0102

Base Ply (07 51 13 00-0077)

Note: Used with modified cap membranes, underlayment for metal systems, and reinforcement for restoration systems. See CSI section 07 51 13 00-0078 for cap membrane.

07 51 13 00-0103	SQ	Flexbase® E120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 120 Mil.....	646.66
07 51 13 00-0104	SQ	Flexbase® 80 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet Used As Base Ply With Biflex Cap, 80 Mil.....	405.98
07 51 13 00-0105	SQ	HPR® Glasbase Heavy Duty Double Coated ASTM D 4601, Type II Fiberglass, Type II, 55 Mil.....	92.58
		Note: Glasbase used in cold system, nailed to deck, or inner ply 2 plies with cap.	
07 51 13 00-0106	SQ	HPR® Glasfelt Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type IV, 20 Mil.....	61.06
		Note: Inner ply felts for hot applied built up and modified BUR systems.	
07 51 13 00-0107	SQ	HPR® Premium Glasbase High Strength, Double Coated Premium Base Sheet, Far Exceeds ASTM D 4601 Type II, 55 Mil.....	74.50
07 51 13 00-0108	SQ	HPR® Premium Glasfelt Premium Asphalt Saturated Fiberglass Felt, ASTM D 2178 Type VI, 25 Mil.....	81.00
07 51 13 00-0109	SQ	HPR® Tribase Premium Poly/Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Base Sheet, 60 Mil.....	126.71
		Note: Inner plies for cold applied modified, Styrene-Butadiene-Styrene (SBS) modified, or 2 plies under cap sheet.	
07 51 13 00-0110	SQ	Millennium® Base Poly/Fiberglass Reinforced Coal Tar Base Sheet For Cold Millennium Systems, 80 Mil.....	412.20
07 51 13 00-0111	SQ	HPR® SA FR Base Sheet Styrene-Butadiene-Styrene (SBS) Modified Self-Adhering Underlayment Used In SP SA Fiberglass Reinforced Systems, Minimum 80 Mil.....	354.68
		Note: Self adhering base ply for self adhering 2 ply system.	
07 51 13 00-0112	SQ	SA Base IV Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With StressPly Cap Sheets, 110 Mil.....	331.25
07 51 13 00-0113	SQ	StressBase® 120 Fiberglass Reinforced Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 120 Mil.....	360.70
07 51 13 00-0114	SQ	StressBase® 80 Fiberglass Reinforced, Smooth Styrene-Butadiene-Styrene (SBS) Modified Underlayment Used With VersiPly And StressPly Cap Sheets, 80 Mil.....	299.28
07 51 13 00-0115	LF	Garmesh® 6" Styrene-Butadiene-Styrene (SBS) Coated Woven Fiberglass Reinforcing Fabric.....	5.01
07 51 13 00-0116	LF	Grip Polyester® Firm Polyester Reinforcement Used For Cold Application Over Smooth BUR Or Modified Roof Systems.....	14.24
07 51 13 00-0117	SQ	Grip Polyester® Soft Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	71.24
07 51 13 00-0118	LF	Grip Polyester® Soft 12" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	6.54
07 51 13 00-0119	LF	Grip Polyester® Soft 4" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	4.71
07 51 13 00-0120	LF	Grip Polyester® Soft 6" Polyester Reinforcement Used For Cold Applications Over Metal, Modified, Or Single Ply Roof Systems.....	5.56
07 51 13 00-0121	SQ	HPR® Polyscrim Plus Polyester Reinforcement For Hot Bitumen Applications.....	156.47

07 51 13 00-0122

Coatings And Mastics For Roof Installation, Restoration And Repairs (07 51 13 00-0077)

07 51 13 00-0123	SQ	Water Based Roof Primer, GarlaPrime VOC Primer.....	44.29
07 51 13 00-0124	SQ	Black-Knight® Primer.....	40.89
07 51 13 00-0125	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Interply.....	171.85
07 51 13 00-0126	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Flood Coat (4-5 GAL/SQ).....	181.20
07 51 13 00-0127	SQ	Black-Knight® Cold, Cold Process Polymer Modified Coal Tar, Restoration (6-8 GAL/SQ).....	288.68
07 51 13 00-0128	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Interply.....	467.56
07 51 13 00-0129	SQ	Black-Knight® LV Hot Applied Polymer Modified Lower Viscosity Coal Tar Adhesive, Flood Coat.....	480.05
07 51 13 00-0130	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	223.78
07 51 13 00-0131	SQ	Energizer® K Plus FR Cold Applied Styrene-Butadiene-Styrene (SBS) Modified Asphalt Coating With Kevlar® For Smooth And Mineral Restoration, Restoration.....	370.22
07 51 13 00-0132	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, One Coat (3 GAL/SQ).....	574.06
07 51 13 00-0133	SQ	Energizer® LO Low Odor Cold Applied Polyurethane Modified Asphalt Liquid Membrane For Smooth And Mineral Restoration, Restoration.....	954.19
07 51 13 00-0134	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Interply.....	398.83
07 51 13 00-0135	SQ	Garlastic® KM Plus Premium Hot Applied, Styrene-Ethylene-Butadiene-Styrene (SEBS) Modified Adhesive/Waterproofer, Flood Coat.....	411.32
07 51 13 00-0136	SQ	Green-Lock® Flashing Adhesive 100% Solids Polyether, Zero VOC, Flashing Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only.....	877.30
07 51 13 00-0137	SQ	Green-Lock® Membrane Adhesive 100% Solids Polyether, Zero VOC, Membrane Adhesive To Be Used With Styrene-Butadiene-Styrene (SBS) Sheets Only.....	378.62
07 51 13 00-0138	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Interply.....	183.99
07 51 13 00-0139	SQ	HPR® All-Temp Asphalt Hot Applied, High Softening Point, High Penetration Mopping Asphalt, Flood Coat.....	196.48
07 51 13 00-0140	SQ	Insul-Lock® E HR Bio-Based High Rise Urethane Insulation Adhesive For New Construction Or Gravel.....	170.26
07 51 13 00-0141	SQ	Insul-Lock® HR High Rise Urethane Insulation Adhesive For New Construction Or Gravel Recovers.....	158.78
07 51 13 00-0142	SQ	Insul-Lock® HR Universal Primer All-Purpose Water Based Primer Designed For Use With The Insul-Lock Products.....	19.28
		Note: Adheres all insulation layers for cold systems.	
07 51 13 00-0143	SQ	Pyramic® Plus LO White, Water-Based Acrylic, Low VOC, Reflective Roof Coating, Energy Star, Top Coat Required.....	195.15
07 51 13 00-0144	SQ	Pyramic® Plus LO Base Coat, Water-Based, Acrylic, Low VOC, Base Coating For A Pyramic System.....	189.14
07 51 13 00-0145	LF	Silver-Flash® Aluminized Asphalt Fibered Trowel Grade Mastic Used With GarMesh.....	23.33
07 51 13 00-0146	SQ	Solex® White, Kynar® Acrylic Topcoat Roof Coating Used With Pyramic Base Coat.....	252.99
07 51 13 00-0147	SQ	Tuff-Flash™ Multi-Purpose Asphaltic Polyurethane Liquid Flashing Membrane Used With Reinforcing Fabric.....	1,438.30
07 51 13 00-0148	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel, Flood Coat (4-5 GAL/SQ).....	320.98
07 51 13 00-0149	SQ	Weatherscreen™ Rubberized, Fiber-Reinforced Fire-Rated Restoration For Modified And Gravel.....	392.38

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0150	SQ		Weatherking® Cold Applied Rubber Modified Asphalt Interplay Adhesive For Slopes Up To 3:12, Interply.....	145.17	
07 51 13 00-0151	SQ		Weatherking® Flashing Adhesive Brush Grade, Cold Applied Asphalt Adhesive For Flashings In A Weatherking System.....	468.15	
07 51 13 00-0152	SQ		Weatherking® Plus WC Cold Applied Rubber Modified, VOC Compliant Asphalt Interply Adhesive For Slopes Up To 2:12, Interply.....	144.06	
			Note: Inner ply and flood coat SEBS modified adhesive for all cold systems with gravel.		
07 51 13 00-0153			Built-Up Roofing Components (Tremco) (07 51 13)		
			Note: All tasks presented as a single layer. Adhesives are priced separately.		
07 51 13 00-0154			Cold Applied BUR Base Plies And Ply Sheets (07 51 13 00-0153)		
07 51 13 00-0155	SQ		BURmastic Composite Ply, Cold Applied BUR Component.....	141.02	
			Note: Asphalt coated polyester/glass/polyester trilaminate reinforced ply sheet. Type II. 55 mils. Also used as a hot or cold applied base sheet.		
07 51 13 00-0156	SQ		BURmastic Premium Composite Ply, Cold Applied BUR Component.....	171.35	
			Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 57 mil. Also used as a hot or cold applied base sheet.		
07 51 13 00-0157	SQ		BURmastic Supreme Composite Ply, Cold Applied BUR Component.....	197.39	
			Note: Asphalt coated polyester/glass/polyester trilaminate reinforced high strength ply sheet. Type II. 51 mil. Also used as a hot or cold applied base sheet.		
07 51 13 00-0158	SQ		28 LB BURmastic Glass Ply, Cold Applied BUR Component.....	44.62	
			Note: Asphalt coated fiberglass base or ply sheet. Type II.		
07 51 13 00-0159	SQ		33 LB BURmastic Glass Ply, Cold Applied BUR Component.....	64.94	
			Note: Asphalt coated fiberglass base or ply sheet. Type II.		
07 51 13 00-0160	SQ		POWERply Modified HE Base Sheet, Hot Or Cold Applied BUR Component.....	271.50	
			Note: Smooth surfaced, high elongation polyester reinforced modified bitumen base sheet. Type I, Grade S. 94 mil.		
07 51 13 00-0161	SQ		POWERply Modified Heavy Duty Base Sheet, Hot Applied BUR Component.....	251.11	
			Note: A smooth surfaced, non-woven fiberglass/scrims fiberglass bilaminate reinforced modified bitumen membrane. 120 mil.		
07 51 13 00-0162			Hot Or Cold Applied Modified Bitumen Cap Membrane (07 51 13 00-0153)		
07 51 13 00-0163	SQ		POWERply Standard Smooth Cap Membrane, Hot Or Cold Applied BUR Component.....	152.59	
			Note: Fiberglass reinforced modified bitumen membrane. Type I, Grade S. 80 mils. Also used as a hot or cold applied ply.		
07 51 13 00-0164	SQ		POWERply Premium Smooth Cap Membrane, Hot Or Cold Applied BUR Component.....	406.36	
			Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 90 mils. Also used as a hot or cold applied ply.		
07 51 13 00-0165	SQ		POWERply Supreme Smooth Cap Membrane, Hot Or Cold Applied BUR Component.....	673.04	
			Note: Polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 98 mils. Also used as a hot or cold applied ply.		
07 51 13 00-0166	SQ		POWERply Standard Cap Membrane, Hot Or Cold Applied BUR Component.....	177.89	
			Note: Granule surface, fiberglass reinforced modified bitumen cap sheet membrane. 120 mils. Black or white surface.		
07 51 13 00-0167	SQ		POWERply Standard FR Cap Membrane, Hot Or Cold Applied BUR Component.....	273.99	
			Note: Fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane. Type I, Grade G. 120 mils.		
07 51 13 00-0168	SQ		POWERply Premium FR Cap Membrane, Hot Or Cold Applied BUR Component.....	667.16	
			Note: Fire rated, granule surfaced, polyester/glass bilaminate reinforced modified bitumen membrane. Type III, Grade S. 160 mils. Black or white surface.		
07 51 13 00-0169	SQ		POWERply Standard FR GT24W Cap Membrane, Hot Or Cold Applied BUR Component.....	484.78	
			Note: Highly reflective, fire rated, granule surfaced, fiberglass reinforced modified bitumen membrane meeting California's Title 24 requirements. Type I, Grade G. 120 mils.		
07 51 13 00-0170	SQ		POWERply HE FR Cap Sheet, Hot Applied BUR Component.....	482.29	
			Note: High elongation, fire rated, granule surfaced, polyester reinforced modified bitumen membrane. 160 mils.		
07 51 13 00-0171			Self Adhesive Base Plies And Ply Sheets (07 51 13 00-0153)		
07 51 13 00-0172	SQ		POWERply SA Base Sheet, Self Adhesive Roofing.....	279.78	
			Note: A self adhesive, fiberglass reinforced Styrene-Butadiene-Styrene (SBS) modified bitumen base sheet/underlayment. Type I, Grade S. 80 mils.		
07 51 13 00-0173	SQ		POWERply SA FR Membrane, Self Adhesive Roofing.....	552.78	
			Note: A fire rated, granule surfaced, polyester reinforced, self adhesive Styrene-Butadiene-Styrene (SBS) modified bitumen membrane. Type I, Grade G. 130 mils.		
07 51 13 00-0174			Flashings (07 51 13 00-0153)		
07 51 13 00-0175	LF		11-1/2" Hypalon Elastomeric Flashing.....	16.69	
			Note: 45 mils.		
07 51 13 00-0176	LF		19" Hypalon Elastomeric Flashing.....	26.96	
			Note: 45 mils.		
07 51 13 00-0177	LF		25" Hypalon Elastomeric Flashing.....	35.81	
			Note: 45 mils.		
07 51 13 00-0178	LF		38" Hypalon Elastomeric Flashing.....	52.60	
			Note: 45 mils.		
07 51 13 00-0179	LF		60-1/2" Hypalon Elastomeric Flashing.....	86.47	
			Note: 45 mils.		
07 51 13 00-0180	LF		12" TRA Elastomeric Flashing Membrane.....	13.08	
			Note: Polyester reinforced flashing membrane. 45 mils.		
07 51 13 00-0181	LF		18" TRA Elastomeric Flashing Membrane.....	21.18	
			Note: Polyester reinforced flashing membrane. 45 mils.		
07 51 13 00-0182	LF		24" TRA Elastomeric Flashing Membrane.....	28.23	
			Note: Polyester reinforced flashing membrane. 45 mils.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0183 LF 36" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	41.33	
07 51 13 00-0184 LF 60" TRA Elastomeric Flashing Membrane Note: Polyester reinforced flashing membrane. 45 mils.	69.51	
07 51 13 00-0185 LF 4" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.47	
07 51 13 00-0186 LF 6" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	3.64	
07 51 13 00-0187 LF 12" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	5.16	
07 51 13 00-0188 LF 36" BURmesh Fabric Note: Glass membrane for reinforcement or repair of roof membranes and flashings.	13.42	
07 51 13 00-0189 Cold Applied Adhesives (07 51 13 00-0153)		
07 51 13 00-0190 SQ BURmastic Inter-Ply Cold Applied Adhesive	171.42	
07 51 13 00-0191 SQ BURmastic Flood Coat Cold Applied Adhesive	282.94	
07 51 13 00-0192 SQ BURmastic SF Inter-Ply Cold Applied Adhesive	219.07	
07 51 13 00-0193 SQ BURmastic LV Inter-Ply Cold Applied Adhesive	171.42	
07 51 13 00-0194 SQ POWERply Standard Inter-Ply Cold Applied Adhesive.....	85.55	
07 51 13 00-0195 SQ POWERply Standard Flood Coat Cold Applied Adhesive.....	192.04	
07 51 13 00-0196 SQ POWERply White On White Cold Applied Adhesive.....	189.45	
07 51 13 00-0197 SQ Rock-It Cold Applied Adhesive For Gravel Applications.....	535.51	
07 51 13 00-0198 SQ FAS-n-FREE Cold Applied Adhesive (Beads 12" OC)..... Note: For insulation only.	296.47	
07 51 13 00-0199 SQ ECOLastic Cold Applied Adhesive.....	331.28	
07 51 13 00-0200 Hot Applied Adhesives (07 51 13 00-0153)		
07 51 13 00-0201 SQ Premium III Asphalt Inter-Ply Hot Applied Adhesive	59.77	
07 51 13 00-0202 SQ Premium III Asphalt Flood Coat Hot Applied Adhesive.....	112.67	
07 51 13 00-0203 Flashings Adhesives (07 51 13 00-0153)		
07 51 13 00-0204 LF Sheeting Bond Flashing Adhesive Note: Used to attach Hypalon sheeting to asphalt or coal-tar roofing membranes.	19.66	
07 51 13 00-0205 LF Polyroof SF Flashing Mastic Note: A solvent free, one part elastomeric roof mastic. Used to seal edges or as a repair mastic for split or cracked seals.	26.48	
07 51 13 00-0206 LF ELS Flashing Mastic..... Note: Used for repairing flashings and asphalt built-up roof defects.	15.56	
07 51 13 00-0207 LF TremSEAL D General Purpose Sealant	5.87	
07 51 13 00-0208 LF TremSEAL HP High Performance Sealant	6.04	
07 51 13 00-0209 LF TremSEAL S Silicone Sealant	5.90	
07 51 13 00-0210 Surfacing (07 51 13 00-0153)		
07 51 13 00-0211 SQ TremLastic SP Non-Fibered Elastomeric Emulsion Cold Applied Coating	256.84	
07 51 13 00-0212 SQ ICE Coating, Water Based, Heavy Bodied Elastomeric Roof Coating	573.06	
07 51 13 00-0213 SQ Polar Coat.....	144.75	
07 51 13 00-0214 SQ Alumination 301, Asphalt Based, Fibrated Aluminum Roof Coating	178.43	
07 51 13 00-0215 SQ Wall-Tite, Elastomeric Coating For Exterior Above-Grade Walls.....	524.76	
07 51 13 00-0216 SQ Solarguard Hy-Build, Elastomeric Coating For Exterior Above-Grade Walls.....	234.32	
07 51 13 00-0217 SQ 100% Stitchbonded, Polyester Fabric (Tremco PERMAFAB).....	67.86	
07 51 13 00-0218 Walkway Protection Pads (07 51 13 00-0153)		
07 51 13 00-0219 LF 36" Wide, Fiberglass Reinforced Asphaltic Walkway Protection Pad (Tremco Trem-Tred®).....	32.12	
07 51 13 00-0220 Primer (07 51 13 00-0153)		
07 51 13 00-0221 SQ TREMprime WB Primer	35.51	
Note: Water based polymer modified asphalt primer.		
07 51 13 00-0222 SQ Solarguard Masonry Primer, Acrylic Latex Primer For Wall Tite F Coating	83.29	
07 51 13 00-0223 Liquid Applied Roofing (07 51 13 00-0153)		
07 51 13 00-0224 SQ Trem-LAR LRM H Waterproofing (Horizontal)..... Note: One part liquid applied elastomeric roofing membrane. 60 mils.	435.53	
07 51 13 00-0225 SQ Trem-LAR LRM V Waterproofing (Vertical) Note: One part liquid applied elastomeric roofing membrane. 60 mils.	442.82	
07 51 13 00-0226 SQ AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Smooth BUR/MB, Concrete Or Single Ply Surfaces..... Note: Two part liquid applied polyurethane roof coating. 48 mils.	571.82	
07 51 13 00-0227 SQ AlphaGuard BIO Base Coat, High Performance, Two-Part, Polyurethane Roof Coating For Granule MB Surfaces..... Note: Two part liquid applied polyurethane roof coating. 64 mils.	745.79	
07 51 13 00-0228 SQ AlphaGuard BIO Top Coat, High Performance, Two-Part, Polyurethane Roof Coating..... Note: Two part liquid applied polyurethane roof coating. 32 mils.	432.34	
07 51 13 00-0229 SQ AlphaGuard Glass Mat	82.98	
Note: Reinforcement mat for AlphaGuard systems.		
07 51 13 00-0230 SQ AlphaGuard C-Prime Primer	82.66	
Note: 100% solids epoxy primer for concrete surfaces.		

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 51 Built-Up Bituminous Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 51 13 00-0231	SQ	AlphaGuard M-Prime Primer..... Note: Water based primer for metal and plastic surfaces.	89.04	
07 51 13 00-0232	SQ	Geogard Primer Note: Reactivation primer for cured AlphaGuard MT roof systems and coatings.	64.93	
07 51 13 00-0233	SQ	AlphaGuard Primer WB Note: Water based polymer modified primer which conditions a variety of roofing substrates prior to the application of AlphaGuard systems.	58.13	
07 51 13 00-0234		Atactic-Polypropylene (APP) Products (07 51 13 00-0153)		
07 51 13 00-0235	SQ	POWERply Atactic-Polypropylene (APP) Base Sheet	224.43	
07 51 13 00-0236	SQ	POWERply Atactic-Polypropylene (APP) FR.....	425.77	
07 51 13 00-0237	SQ	POWERply Atactic-Polypropylene (APP) Smooth	341.18	
07 51 13 00-0238		Tri-Polymer Alloy (TPA) White Membrane (07 51 13 00-0153)		
07 51 13 00-0239	SQ	45 Mil Tri-Polymer Alloy (TPA) White Membrane	594.55	
07 51 13 00-0240	SQ	60 Mil Tri-Polymer Alloy (TPA) White Membrane	820.61	
07 51 13 00-0241	SQ	80 Mil Tri-Polymer Alloy (TPA) White Membrane	934.70	
07 51 13 00-0242		Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane (07 51 13 00-0153)		
07 51 13 00-0243	SQ	45 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	686.42	
07 51 13 00-0244	SQ	60 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	845.24	
07 51 13 00-0245	SQ	80 Mil Tri-Polymer Alloy (TPA) Polyester Fleece Backed White Membrane	1,037.03	
07 51 13 00-0246		Tri-Polymer Alloy (TPA) Membrane Accessories (07 51 13 00-0153)		
07 51 13 00-0247	EA	>1" To 4" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco).....	122.39	
07 51 13 00-0248	EA	>4" To 8" Pipe Diameter, Prefabricated Tri-Polymer Alloy (TPA) Pipe Cone/Boot (Tremco).....	139.04	
07 51 13 00-0249	LF	36" Wide, Thermoplastic Tri-Polymer Alloy (TPA) Walkway Protection Pad (Tremco)	18.76	
07 51 13 00-0250	SQ	Factory Coated Steel Fasteners And Steel Or Plastic Membrane Plates (Tremco).....	63.57	
07 51 13 00-0251		Thermoplastic Polyolefin (TPO) Polyester White Membrane (07 51 13 00-0153)		
07 51 13 00-0252	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	314.41	
07 51 13 00-0253	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	319.74	
07 51 13 00-0254	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester White Membrane	576.13	
07 51 13 00-0255		Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane (07 51 13 00-0153)		
07 51 13 00-0256	SQ	45 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	368.36	
07 51 13 00-0257	SQ	60 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	417.29	
07 51 13 00-0258	SQ	80 Mil Thermoplastic Polyolefin (TPO) Polyester Fleece Backed White Membrane	612.13	
07 51 13 00-0259		Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremplly HP 4510) (07 51 13 00-0153)		
07 51 13 00-0260	SQ	45 Mil Chlorosulfonated Polyethylene (CSPE) White Membrane (Tremplly HP 4510)	1,009.18	
07 51 13 00-0261		Single Ply Adhesives (07 51 13 00-0153)		
07 51 13 00-0262	SQ	Low VOC, TPA Bonding Adhesive (Tremco)	160.33	
07 51 13 00-0263	SQ	Water Based, TPA Bonding Adhesive (Tremco).....	181.62	
07 51 13 00-0264	SQ	Water Based, Fleece Backed Single Ply Bonding Adhesive (Tremco)	157.24	
07 51 13 00-0265	SQ	Low VOC, TPO Bonding Adhesive (Tremco).....	103.55	
07 51 13 00-0266		Warranty (Tremco) (07 51 13 00-0153)		
07 51 13 00-0267	EA	Up To 10,000 SF 15 Year Roofing System Warranty	1,500.00	
07 51 13 00-0268	SF	>10,000 SF 15 Year Roofing System Warranty	0.15	
07 51 13 00-0269	EA	Up To 10,000 SF 20 Year Roofing System Warranty	2,000.00	
07 51 13 00-0270	SF	>10,000 SF 20 Year Roofing System Warranty	0.20	

07 52 Modified Bituminous Membrane Roofing (07 50)**07 52 13 Atactic-Polypropylene Modified Bituminous Membrane Roofing** (07 52)

Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.

07 52 13 11 Cold Adhesive Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)**07 52 13 11-0001 Cold Adhesive Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing** (07 52 13 11)

Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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07 52 13 11-0002 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 11-0001)

07 52 13 11-0003	SQ 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Cold Adhesive Applied	210.84	
	<i>For Up To 10, Add</i>	48.91	
	<i>For >10 To 20, Add</i>	26.14	
	<i>For >20 To 40, Add</i>	13.91	
	<i>For >75 To 100, Deduct</i>	-6.96	
	<i>For >100 To 200, Deduct</i>	-14.76	
	<i>For >200, Deduct</i>	-21.71	
07 52 13 11-0004	SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied	257.70	
	<i>For Up To 10, Add</i>	58.28	
	<i>For >10 To 20, Add</i>	30.83	
	<i>For >20 To 40, Add</i>	16.26	
	<i>For >75 To 100, Deduct</i>	-8.13	
	<i>For >100 To 200, Deduct</i>	-17.10	
	<i>For >200, Deduct</i>	-25.23	
07 52 13 11-0005	SQ 160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Cold Adhesive Applied	407.34	
	<i>For Up To 10, Add</i>	88.21	
	<i>For >10 To 20, Add</i>	45.79	
	<i>For >20 To 40, Add</i>	23.74	
	<i>For >75 To 100, Deduct</i>	-11.87	
	<i>For >100 To 200, Deduct</i>	-24.58	
	<i>For >200, Deduct</i>	-36.45	
07 52 13 11-0006	SQ 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	410.55	
	<i>For Up To 10, Add</i>	89.49	
	<i>For >10 To 20, Add</i>	46.59	
	<i>For >20 To 40, Add</i>	24.22	
	<i>For >75 To 100, Deduct</i>	-12.11	
	<i>For >100 To 200, Deduct</i>	-25.14	
	<i>For >200, Deduct</i>	-37.25	
07 52 13 11-0007	SQ 160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	292.36	
	<i>For Up To 10, Add</i>	65.86	
	<i>For >10 To 20, Add</i>	34.77	
	<i>For >20 To 40, Add</i>	18.31	
	<i>For >75 To 100, Deduct</i>	-9.16	
	<i>For >100 To 200, Deduct</i>	-19.23	
	<i>For >200, Deduct</i>	-28.39	
	<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 13 11-0008	SQ 160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	339.76	
	<i>For Up To 10, Add</i>	75.34	
	<i>For >10 To 20, Add</i>	39.51	
	<i>For >20 To 40, Add</i>	20.68	
	<i>For >75 To 100, Deduct</i>	-10.34	
	<i>For >100 To 200, Deduct</i>	-21.60	
	<i>For >200, Deduct</i>	-31.94	
	<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 13 11-0009	SQ 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Cold Adhesive Applied	468.91	
	<i>For Up To 10, Add</i>	101.17	
	<i>For >10 To 20, Add</i>	52.43	
	<i>For >20 To 40, Add</i>	27.14	
	<i>For >75 To 100, Deduct</i>	-13.57	
	<i>For >100 To 200, Deduct</i>	-28.06	
	<i>For >200, Deduct</i>	-41.63	
	<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	

07 52 13 11-0010 Cold Adhesive Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing (07 52 13 11-0001)

07 52 13 11-0011	SF 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	5.77	
07 52 13 11-0012	SF 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Cold Adhesive Applied	8.95	
	<i>For Factory Applied White Reflective Surfacing, Add</i>	1.03	

07 52 13 13 Torch-Applied Atactic-Polypropylene-Modified Bituminous Membrane Roofing (07 52 13)

07 52 13 13-0001 Torch-Applied Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing (07 52 13 13)

Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.

07 52 13 13-0002 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 13 13-0001)

07 52 13 13-0003	SQ 80 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Sheet, Torch-Applied	150.81	
	<i>For Up To 10, Add</i>	36.90	
	<i>For >10 To 20, Add</i>	20.13	
	<i>For >20 To 40, Add</i>	10.91	
	<i>For >75 To 100, Deduct</i>	-5.45	
	<i>For >100 To 200, Deduct</i>	-11.75	
	<i>For >200, Deduct</i>	-17.20	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0004	SQ		90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Torch-Applied	197.68	
			<i>For Up To 10, Add</i>	46.27	
			<i>For >10 To 20, Add</i>	24.82	
			<i>For >20 To 40, Add</i>	13.25	
			<i>For >75 To 100, Deduct</i>	-6.63	
			<i>For >100 To 200, Deduct</i>	-14.09	
			<i>For >200, Deduct</i>	-20.72	
07 52 13 13-0005	SQ		150 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	236.58	
			<i>For Up To 10, Add</i>	57.43	
			<i>For >10 To 20, Add</i>	31.25	
			<i>For >20 To 40, Add</i>	16.89	
			<i>For >75 To 100, Deduct</i>	-8.44	
			<i>For >100 To 200, Deduct</i>	-18.15	
			<i>For >200, Deduct</i>	-26.60	
07 52 13 13-0006	SQ		160 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	248.57	
			<i>For Up To 10, Add</i>	59.83	
			<i>For >10 To 20, Add</i>	32.44	
			<i>For >20 To 40, Add</i>	17.49	
			<i>For >75 To 100, Deduct</i>	-8.74	
			<i>For >100 To 200, Deduct</i>	-18.75	
			<i>For >200, Deduct</i>	-27.49	
07 52 13 13-0007	SQ		180 Mil, Atactic-Polypropylene (APP) Modified Bitumen Ply Sheet, Torch-Applied	345.92	
			<i>For Up To 10, Add</i>	79.30	
			<i>For >10 To 20, Add</i>	42.18	
			<i>For >20 To 40, Add</i>	22.35	
			<i>For >75 To 100, Deduct</i>	-11.18	
			<i>For >100 To 200, Deduct</i>	-23.62	
			<i>For >200, Deduct</i>	-34.80	
07 52 13 13-0008	SQ		150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	236.58	
			<i>For Up To 10, Add</i>	57.43	
			<i>For >10 To 20, Add</i>	31.25	
			<i>For >20 To 40, Add</i>	16.89	
			<i>For >75 To 100, Deduct</i>	-8.44	
			<i>For >100 To 200, Deduct</i>	-18.15	
			<i>For >200, Deduct</i>	-26.60	
07 52 13 13-0009	SQ		160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	251.57	
			<i>For Up To 10, Add</i>	60.43	
			<i>For >10 To 20, Add</i>	32.74	
			<i>For >20 To 40, Add</i>	17.64	
			<i>For >75 To 100, Deduct</i>	-8.82	
			<i>For >100 To 200, Deduct</i>	-18.90	
			<i>For >200, Deduct</i>	-27.72	
07 52 13 13-0010	SQ		180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	345.92	
			<i>For Up To 10, Add</i>	79.30	
			<i>For >10 To 20, Add</i>	42.18	
			<i>For >20 To 40, Add</i>	22.35	
			<i>For >75 To 100, Deduct</i>	-11.18	
			<i>For >100 To 200, Deduct</i>	-23.62	
			<i>For >200, Deduct</i>	-34.80	
07 52 13 13-0011	SQ		160 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	246.02	
			<i>For Up To 10, Add</i>	59.32	
			<i>For >10 To 20, Add</i>	32.19	
			<i>For >20 To 40, Add</i>	17.36	
			<i>For >75 To 100, Deduct</i>	-8.68	
			<i>For >100 To 200, Deduct</i>	-18.62	
			<i>For >200, Deduct</i>	-27.30	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 13 13-0012	SQ		170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	260.57	
			<i>For Up To 10, Add</i>	62.23	
			<i>For >10 To 20, Add</i>	33.64	
			<i>For >20 To 40, Add</i>	18.09	
			<i>For >75 To 100, Deduct</i>	-9.04	
			<i>For >100 To 200, Deduct</i>	-19.35	
			<i>For >200, Deduct</i>	-28.39	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 13 13-0013	SQ		160 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	296.27	
			<i>For Up To 10, Add</i>	69.37	
			<i>For >10 To 20, Add</i>	37.21	
			<i>For >20 To 40, Add</i>	19.87	
			<i>For >75 To 100, Deduct</i>	-9.94	
			<i>For >100 To 200, Deduct</i>	-21.14	
			<i>For >200, Deduct</i>	-31.07	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 13 13-0014	SQ		170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied	300.62	
			<i>For Up To 10, Add</i>	70.24	
			<i>For >10 To 20, Add</i>	37.65	
			<i>For >20 To 40, Add</i>	20.09	
			<i>For >75 To 100, Deduct</i>	-10.04	
			<i>For >100 To 200, Deduct</i>	-21.35	
			<i>For >200, Deduct</i>	-31.40	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 13 13-0015 SQ 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Cap Sheet, Torch-Applied.....	422.57	
<i>For Up To 10, Add</i>	94.63	
<i>For >10 To 20, Add</i>	49.84	
<i>For >20 To 40, Add</i>	26.19	
<i>For >75 To 100, Deduct</i>	-13.09	
<i>For >100 To 200, Deduct</i>	-27.45	
<i>For >200, Deduct</i>	-40.54	
<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 13 13-0016 Torch-Applied, Atactic-Polypropylene (APP) Modified Bitumen Roofing Flashing <small>(07 52 13 13-0001)</small>		
07 52 13 13-0017 SF 150 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.37	
07 52 13 13-0018 SF 160 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	3.52	
07 52 13 13-0019 SF 180 Mil, Smooth Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.46	
07 52 13 13-0020 SF 170 Mil, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied.....	3.61	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.03	
07 52 13 13-0021 SF 170 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	4.01	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.03	
07 52 13 13-0022 SF 180 Mil, Fire Rated, Granule Surfaced, Atactic-Polypropylene (APP) Modified Bitumen Flashing, Torch-Applied	5.23	
<i>For Factory Applied White Reflective Surfacing, Add</i>	1.03	
07 52 13 14 Mechanically Fastened Atactic-Polypropylene-Modified Bituminous Membrane Roofing <small>(07 52 13)</small>		
07 52 13 14-0001 Mechanically Fastened Atactic-Polypropylene (APP) Modified Bituminous Membrane Roofing <small>(07 52 13 14)</small>		
Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.		
07 52 13 14-0002 Mechanically Fastened, Atactic-Polypropylene (APP) Modified Bitumen Roofing Base And Ply Sheets <small>(07 52 13 14-0001)</small>		
07 52 13 14-0003 SQ 90 Mil, Atactic-Polypropylene (APP) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	227.55	
<i>For Up To 10, Add</i>	48.88	
<i>For >10 To 20, Add</i>	25.28	
<i>For >20 To 40, Add</i>	13.06	
<i>For >75 To 100, Deduct</i>	-6.53	
<i>For >100 To 200, Deduct</i>	-13.48	
<i>For >200, Deduct</i>	-20.01	
07 52 16 Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52)</small>		
Note: Includes all standard manufacturers' colors including white for granule and smooth surfaced cap sheets and flashing. See CSI section 07 51 13 00-0001 for additional components such as concrete primers, cant strips, surfacing, walkway boards, demolition and warranties.		
07 52 16 11 Cold Adhesive Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16)</small>		
07 52 16 11-0001 Cold Adhesive Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 11)</small>		
Note: Includes fiberglass and/or polyester reinforcement. Includes applying cold adhesive and embedding the membrane. Includes heat welding side and end laps when required.		
07 52 16 11-0002 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 11-0001)</small>		
07 52 16 11-0003 SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	164.96	
<i>For Up To 10, Add</i>	39.73	
<i>For >10 To 20, Add</i>	21.55	
<i>For >20 To 40, Add</i>	11.62	
<i>For >75 To 100, Deduct</i>	-5.81	
<i>For >100 To 200, Deduct</i>	-12.46	
<i>For >200, Deduct</i>	-18.27	
07 52 16 11-0004 SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	216.99	
<i>For Up To 10, Add</i>	50.14	
<i>For >10 To 20, Add</i>	26.76	
<i>For >20 To 40, Add</i>	14.22	
<i>For >75 To 100, Deduct</i>	-7.11	
<i>For >100 To 200, Deduct</i>	-15.06	
<i>For >200, Deduct</i>	-22.17	
07 52 16 11-0005 SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Cold Adhesive Applied	223.70	
<i>For Up To 10, Add</i>	51.48	
<i>For >10 To 20, Add</i>	27.43	
<i>For >20 To 40, Add</i>	14.56	
<i>For >75 To 100, Deduct</i>	-7.28	
<i>For >100 To 200, Deduct</i>	-15.40	
<i>For >200, Deduct</i>	-22.68	
07 52 16 11-0006 SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Cold Adhesive Applied.....	306.70	
<i>For Up To 10, Add</i>	68.08	
<i>For >10 To 20, Add</i>	35.73	
<i>For >20 To 40, Add</i>	18.71	
<i>For >75 To 100, Deduct</i>	-9.35	
<i>For >100 To 200, Deduct</i>	-19.55	
<i>For >200, Deduct</i>	-28.90	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0007	SQ		125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Cold Adhesive Applied.....	390.70	
			<i>For Up To 10, Add</i>	84.88	
			<i>For >10 To 20, Add</i>	44.13	
			<i>For >20 To 40, Add</i>	22.91	
			<i>For >75 To 100, Deduct</i>	-11.45	
			<i>For >100 To 200, Deduct</i>	-23.75	
			<i>For >200, Deduct</i>	-35.20	
07 52 16 11-0008	SQ		140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	324.28	
			<i>For Up To 10, Add</i>	72.24	
			<i>For >10 To 20, Add</i>	37.97	
			<i>For >20 To 40, Add</i>	19.91	
			<i>For >75 To 100, Deduct</i>	-9.95	
			<i>For >100 To 200, Deduct</i>	-20.83	
			<i>For >200, Deduct</i>	-30.78	
07 52 16 11-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	333.31	
			<i>For Up To 10, Add</i>	74.05	
			<i>For >10 To 20, Add</i>	38.87	
			<i>For >20 To 40, Add</i>	20.36	
			<i>For >75 To 100, Deduct</i>	-10.18	
			<i>For >100 To 200, Deduct</i>	-21.28	
			<i>For >200, Deduct</i>	-31.46	
07 52 16 11-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	291.01	
			<i>For Up To 10, Add</i>	65.59	
			<i>For >10 To 20, Add</i>	34.64	
			<i>For >20 To 40, Add</i>	18.24	
			<i>For >75 To 100, Deduct</i>	-9.12	
			<i>For >100 To 200, Deduct</i>	-19.17	
			<i>For >200, Deduct</i>	-28.29	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 11-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	294.91	
			<i>For Up To 10, Add</i>	66.37	
			<i>For >10 To 20, Add</i>	35.03	
			<i>For >20 To 40, Add</i>	18.44	
			<i>For >75 To 100, Deduct</i>	-9.22	
			<i>For >100 To 200, Deduct</i>	-19.36	
			<i>For >200, Deduct</i>	-28.58	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 11-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	330.91	
			<i>For Up To 10, Add</i>	73.57	
			<i>For >10 To 20, Add</i>	38.63	
			<i>For >20 To 40, Add</i>	20.24	
			<i>For >75 To 100, Deduct</i>	-10.12	
			<i>For >100 To 200, Deduct</i>	-21.16	
			<i>For >200, Deduct</i>	-31.28	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 11-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	336.91	
			<i>For Up To 10, Add</i>	74.77	
			<i>For >10 To 20, Add</i>	39.23	
			<i>For >20 To 40, Add</i>	20.54	
			<i>For >75 To 100, Deduct</i>	-10.27	
			<i>For >100 To 200, Deduct</i>	-21.46	
			<i>For >200, Deduct</i>	-31.73	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 11-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	389.41	
			<i>For Up To 10, Add</i>	85.27	
			<i>For >10 To 20, Add</i>	44.48	
			<i>For >20 To 40, Add</i>	23.16	
			<i>For >75 To 100, Deduct</i>	-11.58	
			<i>For >100 To 200, Deduct</i>	-24.09	
			<i>For >200, Deduct</i>	-35.67	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 11-0015	SQ		180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	485.05	
			<i>For Up To 10, Add</i>	104.39	
			<i>For >10 To 20, Add</i>	54.04	
			<i>For >20 To 40, Add</i>	27.94	
			<i>For >75 To 100, Deduct</i>	-13.97	
			<i>For >100 To 200, Deduct</i>	-28.87	
			<i>For >200, Deduct</i>	-42.84	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 11-0016	SQ		125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	297.52	
			<i>For Up To 10, Add</i>	66.89	
			<i>For >10 To 20, Add</i>	35.29	
			<i>For >20 To 40, Add</i>	18.57	
			<i>For >75 To 100, Deduct</i>	-9.28	
			<i>For >100 To 200, Deduct</i>	-19.49	
			<i>For >200, Deduct</i>	-28.78	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 11-0017 SQ 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	306.91	
For Up To 10, Add	68.77	
For >10 To 20, Add	36.23	
For >20 To 40, Add	19.04	
For >75 To 100, Deduct	-9.52	
For >100 To 200, Deduct	-19.96	
For >200, Deduct	-29.48	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 11-0018 SQ 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	357.91	
For Up To 10, Add	78.97	
For >10 To 20, Add	41.33	
For >20 To 40, Add	21.59	
For >75 To 100, Deduct	-10.79	
For >100 To 200, Deduct	-22.51	
For >200, Deduct	-33.30	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 11-0019 SQ 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	359.11	
For Up To 10, Add	79.21	
For >10 To 20, Add	41.45	
For >20 To 40, Add	21.65	
For >75 To 100, Deduct	-10.82	
For >100 To 200, Deduct	-22.57	
For >200, Deduct	-33.39	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 11-0020 SQ 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Cold Adhesive Applied.....	381.91	
For Up To 10, Add	83.77	
For >10 To 20, Add	43.73	
For >20 To 40, Add	22.79	
For >75 To 100, Deduct	-11.39	
For >100 To 200, Deduct	-23.71	
For >200, Deduct	-35.10	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 11-0021 Cold Adhesive Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 11-0001)		
07 52 16 11-0022 SF 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.00	
07 52 16 11-0023 SF 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.58	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0024 SF 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.62	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0025 SF 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.04	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0026 SF 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.56	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0027 SF 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	6.52	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0028 SF 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.64	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0029 SF 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	4.74	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0030 SF 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.26	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0031 SF 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	5.49	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 11-0032 SF 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	7.35	
07 52 16 11-0033 SF 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Cold Adhesive Applied.....	14.09	
07 52 16 12 Hot-Mopped Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)		
07 52 16 12-0001 Hot-Mopped Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing (07 52 16 12)		
Note: Includes fiberglass and/or polyester reinforcement. Includes mopping hot asphalt and embedding the membrane.		
07 52 16 12-0002 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets (07 52 16 12-0001)		
07 52 16 12-0003 SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	134.34	
For Up To 10, Add	33.74	
For >10 To 20, Add	18.59	
For >20 To 40, Add	10.15	
For >75 To 100, Deduct	-5.08	
For >100 To 200, Deduct	-11.01	
For >200, Deduct	-16.09	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0004	SQ		80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	186.38	
			<i>For Up To 10, Add</i>	44.15	
			<i>For >10 To 20, Add</i>	23.79	
			<i>For >20 To 40, Add</i>	12.75	
			<i>For >75 To 100, Deduct</i>	-6.38	
			<i>For >100 To 200, Deduct</i>	-13.61	
			<i>For >200, Deduct</i>	-19.99	
07 52 16 12-0005	SQ		90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Hot-Mopped.....	193.09	
			<i>For Up To 10, Add</i>	45.49	
			<i>For >10 To 20, Add</i>	24.46	
			<i>For >20 To 40, Add</i>	13.09	
			<i>For >75 To 100, Deduct</i>	-6.54	
			<i>For >100 To 200, Deduct</i>	-13.95	
			<i>For >200, Deduct</i>	-20.49	
07 52 16 12-0006	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Hot-Mopped	276.09	
			<i>For Up To 10, Add</i>	62.09	
			<i>For >10 To 20, Add</i>	32.76	
			<i>For >20 To 40, Add</i>	17.24	
			<i>For >75 To 100, Deduct</i>	-8.62	
			<i>For >100 To 200, Deduct</i>	-18.10	
			<i>For >200, Deduct</i>	-26.72	
07 52 16 12-0007	SQ		125 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Hot-Mopped	360.09	
			<i>For Up To 10, Add</i>	78.89	
			<i>For >10 To 20, Add</i>	41.16	
			<i>For >20 To 40, Add</i>	21.44	
			<i>For >75 To 100, Deduct</i>	-10.72	
			<i>For >100 To 200, Deduct</i>	-22.30	
			<i>For >200, Deduct</i>	-33.02	
07 52 16 12-0008	SQ		140 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	293.72	
			<i>For Up To 10, Add</i>	66.27	
			<i>For >10 To 20, Add</i>	35.01	
			<i>For >20 To 40, Add</i>	18.45	
			<i>For >75 To 100, Deduct</i>	-9.22	
			<i>For >100 To 200, Deduct</i>	-19.39	
			<i>For >200, Deduct</i>	-28.61	
07 52 16 12-0009	SQ		150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	302.75	
			<i>For Up To 10, Add</i>	68.07	
			<i>For >10 To 20, Add</i>	35.92	
			<i>For >20 To 40, Add</i>	18.90	
			<i>For >75 To 100, Deduct</i>	-9.45	
			<i>For >100 To 200, Deduct</i>	-19.84	
			<i>For >200, Deduct</i>	-29.29	
07 52 16 12-0010	SQ		125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	260.45	
			<i>For Up To 10, Add</i>	59.61	
			<i>For >10 To 20, Add</i>	31.69	
			<i>For >20 To 40, Add</i>	16.78	
			<i>For >75 To 100, Deduct</i>	-8.39	
			<i>For >100 To 200, Deduct</i>	-17.72	
			<i>For >200, Deduct</i>	-26.12	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 12-0011	SQ		140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	264.35	
			<i>For Up To 10, Add</i>	60.39	
			<i>For >10 To 20, Add</i>	32.08	
			<i>For >20 To 40, Add</i>	16.98	
			<i>For >75 To 100, Deduct</i>	-8.49	
			<i>For >100 To 200, Deduct</i>	-17.92	
			<i>For >200, Deduct</i>	-26.41	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 12-0012	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	300.35	
			<i>For Up To 10, Add</i>	67.59	
			<i>For >10 To 20, Add</i>	35.68	
			<i>For >20 To 40, Add</i>	18.78	
			<i>For >75 To 100, Deduct</i>	-9.39	
			<i>For >100 To 200, Deduct</i>	-19.72	
			<i>For >200, Deduct</i>	-29.11	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 12-0013	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	306.35	
			<i>For Up To 10, Add</i>	68.79	
			<i>For >10 To 20, Add</i>	36.28	
			<i>For >20 To 40, Add</i>	19.08	
			<i>For >75 To 100, Deduct</i>	-9.54	
			<i>For >100 To 200, Deduct</i>	-20.02	
			<i>For >200, Deduct</i>	-29.56	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 12-0014	SQ		170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped.....	358.85	
			<i>For Up To 10, Add</i>	79.29	
			<i>For >10 To 20, Add</i>	41.53	
			<i>For >20 To 40, Add</i>	21.70	
			<i>For >75 To 100, Deduct</i>	-10.85	
			<i>For >100 To 200, Deduct</i>	-22.64	
			<i>For >200, Deduct</i>	-33.50	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 12-0015 SQ 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	454.48	
For Up To 10, Add	98.42	
For >10 To 20, Add	51.09	
For >20 To 40, Add	26.49	
For >75 To 100, Deduct	-13.24	
For >100 To 200, Deduct	-27.43	
For >200, Deduct	-40.67	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 12-0016 SQ 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	266.96	
For Up To 10, Add	60.91	
For >10 To 20, Add	32.34	
For >20 To 40, Add	17.11	
For >75 To 100, Deduct	-8.55	
For >100 To 200, Deduct	-18.05	
For >200, Deduct	-26.60	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 12-0017 SQ 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	276.35	
For Up To 10, Add	62.79	
For >10 To 20, Add	33.28	
For >20 To 40, Add	17.58	
For >75 To 100, Deduct	-8.79	
For >100 To 200, Deduct	-18.52	
For >200, Deduct	-27.31	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 12-0018 SQ 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	327.35	
For Up To 10, Add	72.99	
For >10 To 20, Add	38.38	
For >20 To 40, Add	20.13	
For >75 To 100, Deduct	-10.06	
For >100 To 200, Deduct	-21.07	
For >200, Deduct	-31.13	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 12-0019 SQ 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	328.55	
For Up To 10, Add	73.23	
For >10 To 20, Add	38.50	
For >20 To 40, Add	20.19	
For >75 To 100, Deduct	-10.09	
For >100 To 200, Deduct	-21.13	
For >200, Deduct	-31.22	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 12-0020 SQ 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Hot-Mopped	351.35	
For Up To 10, Add	77.79	
For >10 To 20, Add	40.78	
For >20 To 40, Add	21.33	
For >75 To 100, Deduct	-10.66	
For >100 To 200, Deduct	-22.27	
For >200, Deduct	-32.93	
For Factory Applied White Reflective Surfacing, Add	102.75	
07 52 16 12-0021 Hot-Mopped, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 12-0001)</small>		
07 52 16 12-0022 SF 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.80	
07 52 16 12-0023 SF 125 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.38	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0024 SF 140 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.41	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0025 SF 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.77	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0026 SF 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.83	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0027 SF 170 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.36	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0028 SF 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	6.32	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0029 SF 125 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.44	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0030 SF 140 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.53	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0031 SF 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	4.96	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0032 SF 170 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	5.28	
For Factory Applied White Reflective Surfacing, Add	1.03	
07 52 16 12-0033 SF 145 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	7.15	
07 52 16 12-0034 SF 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Hot-Mopped	13.89	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 52 16 13 Torch-Applied Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing <small>(07 52 16)</small>		
07 52 16 13-0001	Torch-Applied Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 13)</small>	
	Note: Includes fiberglass and/or polyester reinforcement. Includes adhering the membrane with a torch.	
07 52 16 13-0002	Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 13-0001)</small>	
07 52 16 13-0003	SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Torch-Applied	278.57
	For Up To 10, Add	65.83
	For >10 To 20, Add	35.44
	For >20 To 40, Add	18.99
	For >75 To 100, Deduct	-9.49
	For >100 To 200, Deduct	-20.25
	For >200, Deduct	-29.74
07 52 16 13-0004	SQ 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	249.47
	For Up To 10, Add	60.01
	For >10 To 20, Add	32.53
	For >20 To 40, Add	17.53
	For >75 To 100, Deduct	-8.77
	For >100 To 200, Deduct	-18.80
	For >200, Deduct	-27.56
	For Factory Applied White Reflective Surfacing, Add	102.75
07 52 16 13-0005	SQ 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	283.67
	For Up To 10, Add	66.85
	For >10 To 20, Add	35.95
	For >20 To 40, Add	19.24
	For >75 To 100, Deduct	-9.62
	For >100 To 200, Deduct	-20.51
	For >200, Deduct	-30.13
	For Factory Applied White Reflective Surfacing, Add	102.75
07 52 16 13-0006	SQ 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	438.71
	For Up To 10, Add	97.86
	For >10 To 20, Add	51.46
	For >20 To 40, Add	26.99
	For >75 To 100, Deduct	-13.50
	For >100 To 200, Deduct	-28.26
	For >200, Deduct	-41.75
	For Factory Applied White Reflective Surfacing, Add	102.75
07 52 16 13-0007	SQ 150 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	259.25
	For Up To 10, Add	61.97
	For >10 To 20, Add	33.51
	For >20 To 40, Add	18.02
	For >75 To 100, Deduct	-9.01
	For >100 To 200, Deduct	-19.29
	For >200, Deduct	-28.30
	For Factory Applied White Reflective Surfacing, Add	102.75
07 52 16 13-0008	SQ 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	299.57
	For Up To 10, Add	70.03
	For >10 To 20, Add	37.54
	For >20 To 40, Add	20.04
	For >75 To 100, Deduct	-10.02
	For >100 To 200, Deduct	-21.30
	For >200, Deduct	-31.32
	For Factory Applied White Reflective Surfacing, Add	102.75
07 52 16 13-0009	SQ 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	312.51
	For Up To 10, Add	72.81
	For >10 To 20, Add	38.98
	For >20 To 40, Add	20.78
	For >75 To 100, Deduct	-10.39
	For >100 To 200, Deduct	-22.07
	For >200, Deduct	-32.45
	For Factory Applied White Reflective Surfacing, Add	102.75
07 52 16 13-0010	SQ 180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Torch-Applied	406.62
	For Up To 10, Add	91.63
	For >10 To 20, Add	48.39
	For >20 To 40, Add	25.48
	For >75 To 100, Deduct	-12.74
	For >100 To 200, Deduct	-26.77
	For >200, Deduct	-39.51
	For Factory Applied White Reflective Surfacing, Add	102.75
07 52 16 13-0011	Torch-Applied, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 13-0001)</small>	
07 52 16 13-0012	SF 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.87
07 52 16 13-0013	SF 150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	3.85
	For Factory Applied White Reflective Surfacing, Add	1.03
07 52 16 13-0014	SF 180 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.39
	For Factory Applied White Reflective Surfacing, Add	1.03

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 13-0015 SF 160 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied <i>For Factory Applied White Reflective Surfacing, Add</i>	4.04 1.03	
07 52 16 13-0016 SF 165 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied <i>For Factory Applied White Reflective Surfacing, Add</i>	4.12 1.03	
07 52 16 13-0017 SF 180 Mil, Fire Rated, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied <i>For Factory Applied White Reflective Surfacing, Add</i>	5.07 1.03	
07 52 16 13-0018 SF 150 Mil, Aluminum Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	5.27	
07 52 16 13-0019 SF 160 Mil, Copper Foil Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Torch-Applied	12.97	

07 52 16 14 Mechanically Fastened Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 14-0001	Mechanically Fastened Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 14)</small> <i>Note: Includes fiberglass and/or polyester reinforcement. Includes fasteners.</i>		
07 52 16 14-0002	Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base And Ply Sheets <small>(07 52 16 14-0001)</small>		
07 52 16 14-0003	SQ 35 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Ply Sheet, Mechanically Fastened	175.85	
	<i>For Up To 10, Add</i>	38.54	
	<i>For >10 To 20, Add</i>	20.11	
	<i>For >20 To 40, Add</i>	10.48	
	<i>For >75 To 100, Deduct</i>	-5.24	
	<i>For >100 To 200, Deduct</i>	-10.90	
	<i>For >200, Deduct</i>	-16.14	
07 52 16 14-0004	SQ 50 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	134.80	
	<i>For Up To 10, Add</i>	30.33	
	<i>For >10 To 20, Add</i>	16.01	
	<i>For >20 To 40, Add</i>	8.42	
	<i>For >75 To 100, Deduct</i>	-4.21	
	<i>For >100 To 200, Deduct</i>	-8.85	
	<i>For >200, Deduct</i>	-13.06	
07 52 16 14-0005	SQ 80 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	175.21	
	<i>For Up To 10, Add</i>	38.41	
	<i>For >10 To 20, Add</i>	20.05	
	<i>For >20 To 40, Add</i>	10.44	
	<i>For >75 To 100, Deduct</i>	-5.22	
	<i>For >100 To 200, Deduct</i>	-10.87	
	<i>For >200, Deduct</i>	-16.09	
07 52 16 14-0006	SQ 90 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Mechanically Fastened	219.85	
	<i>For Up To 10, Add</i>	47.34	
	<i>For >10 To 20, Add</i>	24.51	
	<i>For >20 To 40, Add</i>	12.68	
	<i>For >75 To 100, Deduct</i>	-6.34	
	<i>For >100 To 200, Deduct</i>	-13.10	
	<i>For >200, Deduct</i>	-19.44	
07 52 16 14-0007	SQ 120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Or Ply Sheet, Mechanically Fastened	276.55	
	<i>For Up To 10, Add</i>	58.68	
	<i>For >10 To 20, Add</i>	30.18	
	<i>For >20 To 40, Add</i>	15.51	
	<i>For >75 To 100, Deduct</i>	-7.76	
	<i>For >100 To 200, Deduct</i>	-15.93	
	<i>For >200, Deduct</i>	-23.69	
07 52 16 14-0008	Mechanically Fastened, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing <small>(07 52 16 14-0001)</small>		
07 52 16 14-0009	SF 150 Mil, Smooth Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.37	
07 52 16 14-0010	SF 160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Mechanically Fastened	3.45	

07 52 16 15 Self-Adhering Styrene-Butadiene-Styrene Modified Bituminous Membrane Roofing (07 52 16)

07 52 16 15-0001	Self-Adhering Styrene-Butadiene-Styrene (SBS) Modified Bituminous Membrane Roofing <small>(07 52 16 15)</small> <i>Note: Includes fiberglass and/or polyester reinforcement. Includes removing the release film(s) from the membrane and applying the membrane.</i>		
07 52 16 15-0002	Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Base, Ply And Cap Sheets <small>(07 52 16 15-0001)</small>		
07 52 16 15-0003	SQ 60 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering	140.12	
	<i>For Up To 10, Add</i>	32.07	
	<i>For >10 To 20, Add</i>	17.05	
	<i>For >20 To 40, Add</i>	9.03	
	<i>For >75 To 100, Deduct</i>	-4.51	
	<i>For >100 To 200, Deduct</i>	-9.53	
	<i>For >200, Deduct</i>	-14.05	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 52 Modified Bituminous Membrane Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 52 16 15-0004	SQ		70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	148.63	
			<i>For Up To 10, Add</i>	33.77	
			<i>For >10 To 20, Add</i>	17.90	
			<i>For >20 To 40, Add</i>	9.45	
			<i>For >75 To 100, Deduct</i>	-4.73	
			<i>For >100 To 200, Deduct</i>	-9.96	
			<i>For >200, Deduct</i>	-14.69	
07 52 16 15-0005	SQ		120 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Base Sheet, Self-Adhering.....	252.37	
			<i>For Up To 10, Add</i>	54.82	
			<i>For >10 To 20, Add</i>	28.50	
			<i>For >20 To 40, Add</i>	14.79	
			<i>For >75 To 100, Deduct</i>	-7.40	
			<i>For >100 To 200, Deduct</i>	-15.34	
			<i>For >200, Deduct</i>	-22.73	
07 52 16 15-0006	SQ		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	302.23	
			<i>For Up To 10, Add</i>	64.79	
			<i>For >10 To 20, Add</i>	33.48	
			<i>For >20 To 40, Add</i>	17.29	
			<i>For >75 To 100, Deduct</i>	-8.64	
			<i>For >100 To 200, Deduct</i>	-17.83	
			<i>For >200, Deduct</i>	-26.47	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	
07 52 16 15-0007	SQ		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Cap Sheet, Self-Adhering.....	449.23	
			<i>For Up To 10, Add</i>	94.19	
			<i>For >10 To 20, Add</i>	48.18	
			<i>For >20 To 40, Add</i>	24.64	
			<i>For >75 To 100, Deduct</i>	-12.32	
			<i>For >100 To 200, Deduct</i>	-25.18	
			<i>For >200, Deduct</i>	-37.50	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	102.75	

07 52 16 15-0008 Self-Adhering, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Roofing Flashing (07 52 16 15-0001)

07 52 16 15-0009	SF		70 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	3.83	
07 52 16 15-0010	SF		150 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	4.31	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.03	
07 52 16 15-0011	SF		160 Mil, Granule Surfaced, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Flashing, Self-Adhering.....	5.78	
			<i>For Factory Applied White Reflective Surfacing, Add</i>	1.03	

07 53 Elastomeric Membrane Roofing (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 53 16 Chlorosulfonate-Polyethylene Roofing (07 53)

07 53 16 00-0001 Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membranes (07 53 16)

Note: Includes hot air welding or adhesive bonding of seams.

07 53 16 00-0002	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Fully Adhered.....	586.87	80.91
			Note: Includes adhesive.		
			<i>For Up To 10, Add</i>	149.74	
			<i>For >10 To 20, Add</i>	82.96	
			<i>For >20 To 40, Add</i>	45.53	
			<i>For >75 To 100, Deduct</i>	-22.76	
			<i>For >100 To 200, Deduct</i>	-49.57	
			<i>For >200, Deduct</i>	-72.34	
			<i>For 15 Year Warranty, Add</i>	3.00	
07 53 16 00-0003	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Ballasted.....	456.03	40.46
			Note: Includes ballast.		
			<i>For Up To 10, Add</i>	107.39	
			<i>For >10 To 20, Add</i>	57.74	
			<i>For >20 To 40, Add</i>	30.89	
			<i>For >75 To 100, Deduct</i>	-15.45	
			<i>For >100 To 200, Deduct</i>	-32.92	
			<i>For >200, Deduct</i>	-48.36	
			<i>For 15 Year Warranty, Add</i>	3.00	
07 53 16 00-0004	SQ		45 Mil, Single Ply Chlorosulfonated Polyethylene-Hypalon (CSPE) Roofing Membrane, Mechanically Fastened.....	481.06	60.69
			Note: Includes fasteners.		
			<i>For Up To 10, Add</i>	120.49	
			<i>For >10 To 20, Add</i>	66.31	
			<i>For >20 To 40, Add</i>	36.19	
			<i>For >75 To 100, Deduct</i>	-18.10	
			<i>For >100 To 200, Deduct</i>	-39.22	
			<i>For >200, Deduct</i>	-57.32	
			<i>For 15 Year Warranty, Add</i>	3.00	

07 53 23 Ethylene-Propylene-Diene-Monomer Roofing (07 53)

07 53 23 00-0001 Ethylene Propylene Diene Monomer (EPDM) Roofing Membranes (07 53 23)

Note: Includes splicing of seams using adhesive or seam tape. Black ethylene propylene diene monomer (EPDM).

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0002 SQ 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	305.14	40.46
Note: Includes ballast.		
<i>For Up To 10, Add</i>	77.21	
<i>For >10 To 20, Add</i>	42.65	
<i>For >20 To 40, Add</i>	23.35	
<i>For >75 To 100, Deduct</i>	-11.67	
<i>For >100 To 200, Deduct</i>	-25.37	
<i>For >200, Deduct</i>	-37.04	
<i>For 15 Year Warranty, Add</i>	3.00	
<i>For Low Slope Fire Rated, Add</i>	8.25	
<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
07 53 23 00-0003 SQ 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	399.83	42.98
Note: Includes ballast.		
<i>For Up To 10, Add</i>	97.16	
<i>For >10 To 20, Add</i>	52.88	
<i>For >20 To 40, Add</i>	28.59	
<i>For >75 To 100, Deduct</i>	-14.29	
<i>For >100 To 200, Deduct</i>	-30.74	
<i>For >200, Deduct</i>	-45.03	
<i>For 15 Year Warranty, Add</i>	3.00	
<i>For 20 Year Warranty, Add</i>	7.00	
<i>For 25 Year Warranty, Add</i>	9.00	
<i>For Low Slope Fire Rated, Add</i>	8.25	
<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
07 53 23 00-0004 SQ 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Ballasted	545.96	45.51
Note: Includes ballast.		
<i>For Up To 10, Add</i>	127.40	
<i>For >10 To 20, Add</i>	68.25	
<i>For >20 To 40, Add</i>	36.40	
<i>For >75 To 100, Deduct</i>	-18.20	
<i>For >100 To 200, Deduct</i>	-38.68	
<i>For >200, Deduct</i>	-56.88	
<i>For 15 Year Warranty, Add</i>	3.00	
<i>For 20 Year Warranty, Add</i>	7.00	
<i>For 25 Year Warranty, Add</i>	9.00	
<i>For Low Slope Fire Rated, Add</i>	8.25	
07 53 23 00-0005 SQ 45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	364.33	60.69
Note: Includes adhesive and fasteners.		
<i>For Up To 10, Add</i>	97.14	
<i>For >10 To 20, Add</i>	54.64	
<i>For >20 To 40, Add</i>	30.35	
<i>For >75 To 100, Deduct</i>	-15.18	
<i>For >100 To 200, Deduct</i>	-33.39	
<i>For >200, Deduct</i>	-48.56	
<i>For 15 Year Warranty, Add</i>	3.00	
<i>For Low Slope Fire Rated, Add</i>	8.25	
<i>For Low VOC Adhesive, Add</i>	22.19	
<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
<i>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add</i>	78.78	
<i>For Integral Polyester Fleece-Backing, Add</i>	105.91	
07 53 23 00-0006 SQ 60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	459.03	63.21
Note: Includes adhesive and fasteners.		
<i>For Up To 10, Add</i>	117.09	
<i>For >10 To 20, Add</i>	64.87	
<i>For >20 To 40, Add</i>	35.59	
<i>For >75 To 100, Deduct</i>	-17.80	
<i>For >100 To 200, Deduct</i>	-38.76	
<i>For >200, Deduct</i>	-56.55	
<i>For 15 Year Warranty, Add</i>	3.00	
<i>For 20 Year Warranty, Add</i>	7.00	
<i>For 25 Year Warranty, Add</i>	9.00	
<i>For Low Slope Fire Rated, Add</i>	8.25	
<i>For Low VOC Adhesive, Add</i>	22.19	
<i>For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add</i>	31.49	
<i>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add</i>	78.78	
<i>For Integral Polyester Fleece-Backing, Add</i>	118.02	
07 53 23 00-0007 SQ 90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Partially Adhered (40%)	605.15	65.74
Note: Includes adhesive and fasteners.		
<i>For Up To 10, Add</i>	147.33	
<i>For >10 To 20, Add</i>	80.24	
<i>For >20 To 40, Add</i>	43.41	
<i>For >75 To 100, Deduct</i>	-21.70	
<i>For >100 To 200, Deduct</i>	-46.69	
<i>For >200, Deduct</i>	-68.40	
<i>For 15 Year Warranty, Add</i>	3.00	
<i>For 20 Year Warranty, Add</i>	7.00	
<i>For 25 Year Warranty, Add</i>	9.00	
<i>For Low Slope Fire Rated, Add</i>	8.25	
<i>For Low VOC Adhesive, Add</i>	22.19	
<i>For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add</i>	78.78	
<i>For Integral Polyester Fleece-Backing, Add</i>	131.23	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 53 Elastomeric Membrane Roofing**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0008	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	480.23	80.91
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	128.41	
			For >10 To 20, Add	72.30	
			For >20 To 40, Add	40.19	
			For >75 To 100, Deduct	-20.10	
			For >100 To 200, Deduct	-44.24	
			For >200, Deduct	-64.34	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.25	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
			For Low VOC Adhesive, Add	55.47	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	78.78	
			For Integral Polyester Fleece-Backing, Add	105.91	
07 53 23 00-0009	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	574.91	83.44
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	148.36	
			For >10 To 20, Add	82.52	
			For >20 To 40, Add	45.43	
			For >75 To 100, Deduct	-22.72	
			For >100 To 200, Deduct	-49.61	
			For >200, Deduct	-72.32	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.25	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
			For Low VOC Adhesive, Add	55.47	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	78.78	
			For Integral Polyester Fleece-Backing, Add	118.02	
07 53 23 00-0010	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Fully Adhered.....	721.04	85.97
			Note: Includes adhesive and fasteners.		
			For Up To 10, Add	178.60	
			For >10 To 20, Add	97.90	
			For >20 To 40, Add	53.25	
			For >75 To 100, Deduct	-26.62	
			For >100 To 200, Deduct	-57.55	
			For >200, Deduct	-84.17	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.25	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
			For Low VOC Adhesive, Add	55.47	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	78.78	
			For Integral Polyester Fleece-Backing, Add	131.23	
07 53 23 00-0011	SQ		45 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	329.93	60.69
			Note: Includes fasteners.		
			For Up To 10, Add	90.26	
			For >10 To 20, Add	51.20	
			For >20 To 40, Add	28.63	
			For >75 To 100, Deduct	-14.32	
			For >100 To 200, Deduct	-31.67	
			For >200, Deduct	-45.98	
			For 15 Year Warranty, Add	3.00	
			For Low Slope Fire Rated, Add	8.25	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	78.78	
07 53 23 00-0012	SQ		60 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	424.62	63.21
			Note: Includes fasteners.		
			For Up To 10, Add	110.21	
			For >10 To 20, Add	61.43	
			For >20 To 40, Add	33.87	
			For >75 To 100, Deduct	-16.94	
			For >100 To 200, Deduct	-37.03	
			For >200, Deduct	-53.97	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.25	
			For Reinforced Ethylene Propylene Diene Monomer (EPDM), Add	31.49	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	78.78	
07 53 23 00-0013	SQ		90 Mil, Single Ply Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane, Mechanically Fastened.....	570.75	65.74
			Note: Includes fasteners.		
			For Up To 10, Add	140.45	
			For >10 To 20, Add	76.80	
			For >20 To 40, Add	41.69	
			For >75 To 100, Deduct	-20.84	
			For >100 To 200, Deduct	-44.97	
			For >200, Deduct	-65.82	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low Slope Fire Rated, Add	8.25	
			For White Ethylene Propylene Diene Monomer (EPDM) Or Factory Applied White Coating, Add	78.78	

07 53 23 00-0014 Ethylene Propylene Diene Monomer (EPDM) Roofing Membrane Accessories (07 53 23)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 53 23 00-0015 SQ Acrylic, Ethylene Propylene Diene Monomer (EPDM) Roofing Primer, Price Per Coat	68.53	
For Up To 10, Add	17.75	
For >10 To 20, Add	9.89	
For >20 To 40, Add	5.45	
For >75 To 100, Deduct	-2.72	
For >100 To 200, Deduct	-5.96	
For >200, Deduct	-8.68	
07 53 23 00-0016 SQ Acrylic Elastomeric, Surface Or Base Coating For Ethylene Propylene Diene Monomer (EPDM) Roofing, Price Per Coat	70.94	
Note: 55% solids by volume.		
For Up To 10, Add	18.23	
For >10 To 20, Add	10.13	
For >20 To 40, Add	5.57	
For >75 To 100, Deduct	-2.79	
For >100 To 200, Deduct	-6.08	
For >200, Deduct	-8.86	
07 53 23 00-0017 EA Up To 4" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	42.67	9.61
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0018 EA >4" To 8" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	61.73	9.61
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0019 EA >8" To 13" Pipe Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Pipe Cone/Boot.....	116.74	9.61
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 53 23 00-0020 EA 6" Diameter, Prefabricated Ethylene Propylene Diene Monomer (EPDM) Penetration Pocket	155.15	10.62
Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 53 23 00-0021 LF 30" Wide, Ethylene Propylene Diene Monomer (EPDM) Walkway Protection Pad	33.42	5.87
Note: Includes factory installed peel and stick adhesive tape.		
07 53 23 00-0022 SF Ethylene Propylene Diene Monomer (EPDM) Membrane Base Flashing	6.29	1.51
07 53 23 00-0023 SF Ethylene Propylene Diene Monomer (EPDM) Membrane Curb Flashing	7.80	2.28

07 53 29 Polyisobutylene Roofing (07 53)

07 53 29 00-0001 Polyisobutylene (PIB) Roofing Membranes (07 53 29)

Note: Includes integral polyester fleece-backing. Includes splicing of seams using adhesive or seam tape.

07 53 29 00-0002 SQ 100 Mil, Single Ply PIB Roofing Membrane, Ballasted	502.47	45.51
Note: Includes ballast.		
For Up To 10, Add	118.70	
For >10 To 20, Add	63.90	
For >20 To 40, Add	34.23	
For >75 To 100, Deduct	-17.11	
For >100 To 200, Deduct	-36.50	
For >200, Deduct	-53.62	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
07 53 29 00-0003 SQ 100 Mil, Single Ply PIB Roofing Membrane, Partially Adhered (40%)	558.82	65.74
Note: Includes adhesive.		
For Up To 10, Add	138.06	
For >10 To 20, Add	75.61	
For >20 To 40, Add	41.09	
For >75 To 100, Deduct	-20.55	
For >100 To 200, Deduct	-44.38	
For >200, Deduct	-64.92	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
07 53 29 00-0004 SQ 100 Mil, Single Ply PIB Roofing Membrane, Fully Adhered	670.44	85.97
Note: Includes adhesive.		
For Up To 10, Add	168.48	
For >10 To 20, Add	92.84	
For >20 To 40, Add	50.72	
For >75 To 100, Deduct	-25.36	
For >100 To 200, Deduct	-55.02	
For >200, Deduct	-80.37	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	

07 54 Thermoplastic Membrane Roofing (07 50)

Note: Includes 10 year warranty. All warranties are no dollar limit to include material, equipment and labor. Excludes concrete primer, insulation, slip sheets, wood nailers, cant strips, coping removal and reinstallation, gravel stop, walkway pads and drainage devices. See CSI section 07 26 13 00-0000 for wood deck building paper.

07 54 19 Polyvinyl-Chloride Roofing (07 54)

07 54 19 00-0001 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19)

07 54 19 00-0002 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0001)

Note: Includes integral fiberglass mat reinforcement and hot air welding of seams. Sarnafil® G410 fully adhered membranes meet or exceed all of the requirements of ASTM D4434 Type II. Sarnafil® S327 mechanically attached membranes meet or exceed all of the requirements of ASTM D4434 Type III.

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54	19 00-0003	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	416.61	80.91
			Note: Includes adhesive.		
			For Up To 10, Add	115.69	
			For >10 To 20, Add	65.94	
			For >20 To 40, Add	37.01	
			For >75 To 100, Deduct	-18.51	
			For >100 To 200, Deduct	-41.06	
			For >200, Deduct	-59.57	
			For 15 Year Warranty, Add	2.78	
			For 20 Year Warranty, Add	9.72	
			For 25 Year Warranty, Add	18.05	
			For Integral Felt Backing, Add	48.60	
07 54	19 00-0004	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	446.74	83.44
			Note: Includes adhesive.		
			For Up To 10, Add	122.72	
			For >10 To 20, Add	69.71	
			For >20 To 40, Add	39.03	
			For >75 To 100, Deduct	-19.51	
			For >100 To 200, Deduct	-43.20	
			For >200, Deduct	-62.71	
			For 15 Year Warranty, Add	2.78	
			For 20 Year Warranty, Add	9.72	
			For 25 Year Warranty, Add	18.05	
			For Integral Felt Backing, Add	48.60	
07 54	19 00-0005	SQ	72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	475.92	84.71
			Note: Includes adhesive.		
			For Up To 10, Add	129.07	
			For >10 To 20, Add	73.00	
			For >20 To 40, Add	40.74	
			For >75 To 100, Deduct	-20.37	
			For >100 To 200, Deduct	-44.97	
			For >200, Deduct	-65.34	
			For 15 Year Warranty, Add	2.78	
			For 20 Year Warranty, Add	9.72	
			For 25 Year Warranty, Add	18.05	
			For Integral Felt Backing, Add	48.60	
07 54	19 00-0006	SQ	80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Fully Adhered	506.67	85.97
			Note: Includes adhesive.		
			For Up To 10, Add	135.72	
			For >10 To 20, Add	76.46	
			For >20 To 40, Add	42.53	
			For >75 To 100, Deduct	-21.26	
			For >100 To 200, Deduct	-46.83	
			For >200, Deduct	-68.09	
			For 15 Year Warranty, Add	2.78	
			For 20 Year Warranty, Add	9.72	
			For 25 Year Warranty, Add	18.05	
			For Integral Felt Backing, Add	48.60	
07 54	19 00-0007	SQ	48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	336.12	60.69
			Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
			For Up To 10, Add	91.50	
			For >10 To 20, Add	51.82	
			For >20 To 40, Add	28.94	
			For >75 To 100, Deduct	-14.47	
			For >100 To 200, Deduct	-31.98	
			For >200, Deduct	-46.45	
			For 15 Year Warranty, Add	2.78	
			For 20 Year Warranty, Add	9.72	
			For 25 Year Warranty, Add	18.05	
			For Mechanically Fastened To Concrete Decks, Add	30.34	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	31.59	
			For Integral Felt Backing, Add	48.60	
			For Mechanically Fastened With Sarnabar, Add	28.54	
07 54	19 00-0008	SQ	60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened	366.26	63.21
			Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
			For Up To 10, Add	98.54	
			For >10 To 20, Add	55.59	
			For >20 To 40, Add	30.96	
			For >75 To 100, Deduct	-15.48	
			For >100 To 200, Deduct	-34.12	
			For >200, Deduct	-49.59	
			For 15 Year Warranty, Add	2.78	
			For 20 Year Warranty, Add	9.72	
			For 25 Year Warranty, Add	18.05	
			For Mechanically Fastened To Concrete Decks, Add	31.61	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.86	
			For Integral Felt Backing, Add	48.60	
			For Mechanically Fastened With Sarnabar, Add	28.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0009 SQ 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened.....	395.43	64.48
Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
For Up To 10, Add	104.88	
For >10 To 20, Add	58.89	
For >20 To 40, Add	32.67	
For >75 To 100, Deduct	-16.33	
For >100 To 200, Deduct	-35.89	
For >200, Deduct	-52.22	
For 15 Year Warranty, Add	2.78	
For 20 Year Warranty, Add	9.72	
For 25 Year Warranty, Add	18.05	
For Mechanically Fastened To Concrete Decks, Add	32.24	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	33.49	
For Integral Felt Backing, Add	48.60	
For Mechanically Fastened With Sarnabar, Add	28.54	
07 54 19 00-0010 SQ 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane (Sika Sarnafil® EnergySmart Roof® Membranes), Mechanically Fastened.....	426.18	65.74
Note: Includes fasteners and plates for mechanically fastening to wood or steel decks.		
For Up To 10, Add	111.53	
For >10 To 20, Add	62.34	
For >20 To 40, Add	34.46	
For >75 To 100, Deduct	-17.23	
For >100 To 200, Deduct	-37.75	
For >200, Deduct	-54.97	
For 15 Year Warranty, Add	2.78	
For 20 Year Warranty, Add	9.72	
For 25 Year Warranty, Add	18.05	
For Mechanically Fastened To Concrete Decks, Add	32.87	
For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	34.12	
For Integral Felt Backing, Add	48.60	
For Mechanically Fastened With Sarnabar, Add	28.54	
07 54 19 00-0011 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (Sika Sarnafil® EnergySmart Roof® Membranes) (07 54 19 00-0001)		
07 54 19 00-0012 LF 3/4" Wide Multi-Purpose Tape (Sika Sarnafil®).....	0.98	
07 54 19 00-0013 LF Roofing Membrane Aluminum Termination Bar (Sika Sarnafil® Samastop).....	4.51	1.46
Note: Includes fasteners and caulking.		
07 54 19 00-0014 EA 4-1/2" Diameter, Polyvinyl Chloride (PVC) Membrane Prefabricated Patch (Sika Sarnafil® Samacircles).....	4.61	1.26
07 54 19 00-0015 LF 8" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....	5.03	1.26
Note: Includes aluminum tape.		
07 54 19 00-0016 LF 12" Polyvinyl Chloride (PVC) Membrane Cover Strip (Sika Sarnafil® Coverstrip).....	5.03	1.26
Note: Includes aluminum tape.		
07 54 19 00-0017 LF Surface Mount Vertical Termination Bar (Sika Sarnafil® Samareglet).....	6.72	1.61
Note: Includes fasteners, splice plates and caulking.		
07 54 19 00-0018 SF Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® G459).....	6.99	1.51
07 54 19 00-0019 SF Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Detail Membrane).....	8.49	2.28
07 54 19 00-0020 SF Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing (Sika Sarnafil® Sarnaclad).....	9.98	1.51
Note: 20 Mil white polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.		
For Colored PVC, Add	1.01	
07 54 19 00-0021 LF 39" Wide, 96 Mil, Polyester Reinforced, Polyvinyl Chloride (PVC) Walkway Protection Pad (Sika Sarnafil® Samatred -V).....	27.16	5.87
07 54 19 00-0022 EA Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Samastack).....	71.44	8.59
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0023 EA >3" To 5" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Samastack).....	73.47	9.61
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0024 EA >5" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot (Sika Sarnafil® Samastack).....	75.49	10.62
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 19 00-0025 EA 6" Diameter, Seamless Heavy-Duty Aluminum Roof Drain (Sika Sarnafil® Sarnadrain With U-Flow®).....	1,061.06	197.39
07 54 19 00-0026 EA Inside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Inside).....	21.03	
07 54 19 00-0027 EA Outside Corner, Prefabricated Polyvinyl Chloride (PVC) Membrane Flashing (Sika Sarnafil® Sarnacorners - Outside).....	21.03	
07 54 19 00-0028 SQ 9 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt NWP), Loose Laid.....	49.40	
07 54 19 00-0029 SQ 11 OZ/SY, Protective Polypropylene Fabric Separation Layer (Sika Sarnafil® Sarnafelt), Loose Laid.....	76.74	
07 54 19 00-0030 SQ 10 Mil, Low Density Polyethylene, Vapor/Air Barrier Sheet (Sika Sarnafil® Samavap - 10), Loose Laid.....	43.20	
07 54 19 00-0031 SQ 32 Mil, Styrene-Butadiene-Styrene (SBS) Modified Bitumen Vapor/Air Barrier Sheet (Sika Sarnafil® Samavap Self-Adhered), Self-Adhering.....	120.85	
07 54 19 00-0032 Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane Accessories (07 54 19 00-0001)		
07 54 19 00-0033 SQ Acrylic, Polyvinyl Chloride (PVC) Roofing Cleaner/Primer, Price Per Coat.....	68.53	
For Up To 10, Add	17.75	
For >10 To 20, Add	9.89	
For >20 To 40, Add	5.45	
For >75 To 100, Deduct	-2.72	
For >100 To 200, Deduct	-5.96	
For >200, Deduct	-8.68	
07 54 19 00-0034 SQ Acrylic Elastomeric, Surface Or Base Coating For Polyvinyl Chloride (PVC) Roofing, Price Per Coat.....	70.94	
Note: 55% solids by volume.		
For Up To 10, Add	18.23	
For >10 To 20, Add	10.13	
For >20 To 40, Add	5.57	
For >75 To 100, Deduct	-2.79	
For >100 To 200, Deduct	-6.08	
For >200, Deduct	-8.86	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 54 19 00-0035	EA	Up To 3" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	71.86		8.59
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.			
07 54 19 00-0036	EA	>3" To 7" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	101.28		9.61
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.			
07 54 19 00-0037	EA	>7" To 12" Pipe Diameter, Prefabricated Polyvinyl Chloride (PVC) Pipe Cone/Boot.....	129.80		10.62
		Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.			
07 54 19 00-0038	EA	6" Diameter, Prefabricated Polyvinyl Chloride (PVC) Penetration Pocket.....	165.60		10.62
		Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.			
07 54 19 00-0039	LF	36" Wide, Polyvinyl Chloride (PVC) Walkway Protection Pad.....	28.50		5.87
07 54 19 00-0040	SF	Polyvinyl Chloride (PVC) Membrane Base Flashing.....	7.53		1.51
07 54 19 00-0041	SF	Polyvinyl Chloride (PVC) Membrane Curb Flashing.....	9.04		2.28
07 54 19 00-0042	SF	Polyvinyl Chloride (PVC) Clad Edge Metal Or Base Flashing.....	10.26		1.51
		Note: 20 Mil polyvinyl chloride (PVC) membrane laminated to 24 gauge galvanized steel.			
07 54 19 00-0043		Snap-On Cover Fascia (Sika Sarnafil® Edge Grip) (07 54 19 00-0001)			
07 54 19 00-0044		Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0043)			
07 54 19 00-0045		Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0044)			
07 54 19 00-0046		Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0045)			
07 54 19 00-0047	LF	8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip).....	17.26		2.89
07 54 19 00-0048		Accessories For Mill Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0045)			
07 54 19 00-0049	EA	Fascia Overflow Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	105.75		10.73
07 54 19 00-0050	EA	Fascia Spillout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	105.75		10.73
07 54 19 00-0051	EA	Fascia Downspout Scupper For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	128.67		10.73
07 54 19 00-0052	EA	Inside/Outside Miter For 8.25" Face Height, Mill Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	48.35		2.89
07 54 19 00-0053		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0044)			
07 54 19 00-0054		KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0053)			
07 54 19 00-0055	LF	8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip).....	19.91		2.89
07 54 19 00-0056		Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 54 19 00-0053)			
07 54 19 00-0057	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	111.04		10.73
07 54 19 00-0058	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	111.04		10.73
07 54 19 00-0059	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	139.26		10.73
07 54 19 00-0060	EA	Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	53.66		2.89
07 54 19 00-0061		Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0043)			
07 54 19 00-0062		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0061)			
07 54 19 00-0063		KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip) (07 54 19 00-0062)			
07 54 19 00-0064	LF	8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Retainer Bar (Sika Sarnafil® Edge Grip).....	17.87		2.89
07 54 19 00-0065		Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip) (07 54 19 00-0062)			
07 54 19 00-0066	EA	Fascia Overflow Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	106.97		10.73
07 54 19 00-0067	EA	Fascia Spillout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	106.97		10.73
07 54 19 00-0068	EA	Fascia Downspout Scupper For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip).....	131.12		10.73

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 19 00-0069 EA Inside/Outside Miter For 8.25" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (Sika Sarnafil® Edge Grip)	49.58	2.89
07 54 19 00-0070 Reinforced Polyvinyl Chloride (RPVC) Roofing Membranes <small>(07 54 19)</small> Note: Includes polyester fabric reinforcement and hot air welding of seams. RPVC membranes meet or exceed all of the requirements of ASTM D4434 Type III.		
07 54 19 00-0071 SQ 48 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	198.39	40.46
Note: Includes ballast.		
For Up To 10, Add	55.86	
For >10 To 20, Add	31.98	
For >20 To 40, Add	18.01	
For >75 To 100, Deduct	-9.01	
For >100 To 200, Deduct	-20.03	
For >200, Deduct	-29.04	
For 15 Year Warranty, Add	3.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	30.28	
07 54 19 00-0072 SQ 60 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	219.29	42.98
Note: Includes ballast.		
For Up To 10, Add	61.05	
For >10 To 20, Add	34.82	
For >20 To 40, Add	19.56	
For >75 To 100, Deduct	-9.78	
For >100 To 200, Deduct	-21.71	
For >200, Deduct	-31.49	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	30.28	
07 54 19 00-0073 SQ 72 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	242.05	44.25
Note: Includes ballast.		
For Up To 10, Add	66.11	
For >10 To 20, Add	37.48	
For >20 To 40, Add	20.95	
For >75 To 100, Deduct	-10.48	
For >100 To 200, Deduct	-23.17	
For >200, Deduct	-33.64	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	30.28	
07 54 19 00-0074 SQ 80 Mil, Single Ply Reinforced Polyvinyl Chloride (RPVC) Roofing Membrane, Ballasted	253.38	45.51
Note: Includes ballast.		
For Up To 10, Add	68.88	
For >10 To 20, Add	38.99	
For >20 To 40, Add	21.77	
For >75 To 100, Deduct	-10.89	
For >100 To 200, Deduct	-24.05	
For >200, Deduct	-34.93	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Colors, Add	26.00	
For Integral Polyester Fleece-Backing, Add	30.28	
07 54 23 Thermoplastic-Polyolefin Roofing <small>(07 54)</small>		
07 54 23 00-0001 Thermoplastic Polyolefin (TPO) Roofing Membranes <small>(07 54 23)</small> Note: Includes polyester fabric reinforcement and hot air welding of seams.		
07 54 23 00-0002 SQ 45 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	423.68	80.91
Note: Includes adhesive.		
For Up To 10, Add	117.10	
For >10 To 20, Add	66.64	
For >20 To 40, Add	37.37	
For >75 To 100, Deduct	-18.68	
For >100 To 200, Deduct	-41.41	
For >200, Deduct	-60.10	
For 15 Year Warranty, Add	3.00	
For Low VOC Adhesive, Add	55.47	
For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0003 SQ 50 Mil, Single Ply TPO Roofing Membrane, Fully Adhered	443.85	82.18
Note: Includes adhesive.		
For Up To 10, Add	121.64	
For >10 To 20, Add	69.04	
For >20 To 40, Add	38.63	
For >75 To 100, Deduct	-19.31	
For >100 To 200, Deduct	-42.74	
For >200, Deduct	-62.05	
For 15 Year Warranty, Add	3.00	
For 20 Year Warranty, Add	7.00	
For 25 Year Warranty, Add	9.00	
For Low VOC Adhesive, Add	55.47	
For Integral Polyester Fleece-Backing, Add	33.25	

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 54 Thermoplastic Membrane Roofing**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0004	SQ		60 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	454.22	83.44
			Note: Includes adhesive.		
			For Up To 10, Add	124.22	
			For >10 To 20, Add	70.45	
			For >20 To 40, Add	39.40	
			For >75 To 100, Deduct	-19.70	
			For >100 To 200, Deduct	-43.57	
			For >200, Deduct	-63.27	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low VOC Adhesive, Add	55.47	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0005	SQ		80 Mil, Single Ply TPO Roofing Membrane, Fully Adhered.....	590.27	85.97
			Note: Includes adhesive.		
			For Up To 10, Add	152.44	
			For >10 To 20, Add	84.82	
			For >20 To 40, Add	46.71	
			For >75 To 100, Deduct	-23.35	
			For >100 To 200, Deduct	-51.01	
			For >200, Deduct	-74.36	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Low VOC Adhesive, Add	55.47	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0006	SQ		45 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	280.86	60.69
			Note: Includes fasteners.		
			For Up To 10, Add	80.45	
			For >10 To 20, Add	46.29	
			For >20 To 40, Add	26.18	
			For >75 To 100, Deduct	-13.09	
			For >100 To 200, Deduct	-29.21	
			For >200, Deduct	-42.30	
			For 15 Year Warranty, Add	3.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0007	SQ		50 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	301.02	61.95
			Note: Includes fasteners.		
			For Up To 10, Add	84.98	
			For >10 To 20, Add	48.69	
			For >20 To 40, Add	27.44	
			For >75 To 100, Deduct	-13.72	
			For >100 To 200, Deduct	-30.54	
			For >200, Deduct	-44.26	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
			For Mechanically Fastened To Concrete Decks, Add	30.98	
			For Mechanically Fastened To Cementitious Wood Fiber Or Gypsum Decks, Add	32.23	
07 54 23 00-0008	SQ		60 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	311.41	63.21
			Note: Includes fasteners.		
			For Up To 10, Add	87.57	
			For >10 To 20, Add	50.11	
			For >20 To 40, Add	28.21	
			For >75 To 100, Deduct	-14.11	
			For >100 To 200, Deduct	-31.37	
			For >200, Deduct	-45.48	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0009	SQ		80 Mil, Single Ply TPO Roofing Membrane, Mechanically Fastened	447.44	65.74
			Note: Includes fasteners.		
			For Up To 10, Add	115.79	
			For >10 To 20, Add	64.47	
			For >20 To 40, Add	35.52	
			For >75 To 100, Deduct	-17.76	
			For >100 To 200, Deduct	-38.81	
			For >200, Deduct	-56.57	
			For 15 Year Warranty, Add	3.00	
			For 20 Year Warranty, Add	7.00	
			For 25 Year Warranty, Add	9.00	
			For Integral Polyester Fleece-Backing, Add	33.25	
07 54 23 00-0010			Thermoplastic Polyolefin (TPO) Roofing Membrane Accessories (07 54 23)		
07 54 23 00-0011	SQ		Acrylic, Thermoplastic Polyolefin (TPO) Roofing Primer, Price Per Coat.....	81.81	
			For Up To 10, Add	20.41	
			For >10 To 20, Add	11.22	
			For >20 To 40, Add	6.11	
			For >75 To 100, Deduct	-3.06	
			For >100 To 200, Deduct	-6.62	
			For >200, Deduct	-9.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 54 23 00-0012 SQ Acrylic Elastomeric, Surface Or Base Coating For TPO Roofing, Price Per Coat.....	70.94	
Note: 55% solids by volume.		
For Up To 10, Add	18.23	
For >10 To 20, Add	10.13	
For >20 To 40, Add	5.57	
For >75 To 100, Deduct	-2.79	
For >100 To 200, Deduct	-6.08	
For >200, Deduct	-8.86	
For Tan Or Gray Color, Add	2.54	
07 54 23 00-0013 EA Up To 3" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....	61.72	8.59
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0014 EA >3" To 8" Pipe Diameter, Prefabricated Thermoplastic Polyolefin Pipe Cone/Boot.....	66.57	9.61
Note: Includes attaching the boot to the membrane, caulking around the pipe and installing a draw band.		
07 54 23 00-0015 EA 6" Diameter, Prefabricated TPO Penetration Pocket.....	123.34	10.62
Note: Includes attaching the pocket to the membrane, sealing around the penetration and filling the pocket with pourable sealer.		
07 54 23 00-0016 LF 30" Wide, TPO Walkway Protection Pad	28.13	5.87
07 54 23 00-0017 SF Thermoplastic Polyolefin Membrane Base Flashing	7.88	1.51
07 54 23 00-0018 SF Thermoplastic Polyolefin Curb Flashing	6.64	1.51
For Tan Or Gray Color, Add	0.10	
07 54 23 00-0019 SF Thermoplastic Polyolefin Clad Edge Metal Or Base Flashing.....	11.66	1.51
Note: 20 Mil TPO membrane laminated to 24 gauge galvanized steel.		

07 56 Fluid-Applied Roofing (07 50)

07 56 00 00-0001 Neoprene Hypalon Liquid Roofing, 5 Coats (07 56)		
07 56 00 00-0002 SQ 60 Mil 5 Coat Spray-on Neoprene Hypalon Liquid Roofing	1,016.02	135.22
For Each Additional Coat, Add	152.40	
07 56 00 00-0003 Vinyl Spray Liquid Roofing (07 56)		
07 56 00 00-0004 SQ 2 Mil Vinyl Liquid Roofing	1,150.95	142.50
07 56 00 00-0005 SQ 4 Mil Vinyl Liquid Roofing	1,288.02	159.14
07 56 00 00-0006 Silicone Elastomeric Liquid Roofing (07 56)		
07 56 00 00-0007 SQ 65% Solids, Silicone Elastomeric Spray-on Roofing, 3 Coats, 16 Mil Per Coat.....	430.86	81.65
07 56 00 00-0008 SQ 65% Solids, Silicone Elastomeric Rolled-on Roofing, 3 Coats, 16 Mil Per Coat.....	509.99	81.65
07 56 00 00-0009 SQ 65% Solids, Silicone Elastomeric Brushed-on Roofing, 3 Coats, 16 Mil Per Coat.....	569.51	81.65
07 56 00 00-0010 Elastomeric Asphalt/Urethane Liquid Roofing Membrane (07 56)		
07 56 00 00-0011 SQ 90 Mil, Elastomeric Asphalt/Urethane Liquid Roofing Membrane	1,788.37	81.65
Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 60 mil second coat.		
07 56 00 00-0012 Urethane Liquid Roofing Membrane (07 56)		
Note: Garland White Knight Energy Star single component urethane restoration system. 10 year warranty. Used for restoration of membrane, built up, metal and modified roofing systems.		
07 56 00 00-0013 SQ Ulti-Mat™ 38" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	95.08	
07 56 00 00-0014 LF Ulti-Mat™ 6" Non-Woven Fiberglass Reinforcing Membrane For White-Knight Systems.....	4.88	
07 56 00 00-0015 SQ White-Knight® Premium Multi-Purpose Urethane Restoration Reflective Coating For Metal, Membrane, BUR, Single-Ply (2 GAL/SQ).....	363.18	
07 56 00 00-0016 SQ White-Knight® Metal Primer One Component Metal Primer For Placement Under The White-Knight System	93.02	
07 56 00 00-0017 SQ White-Knight® Plus High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	898.89	
07 56 00 00-0018 SQ White-Knight® Plus Base Coat High Strength, Multi-Purpose Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	1,360.90	
07 56 00 00-0019 SQ White-Knight® Plus WC High Strength, Multi-Purpose, VOC Compliant, Urethane Restoration Coating For Metal, Membrane, BUR, Single-Ply	930.02	
07 56 00 00-0020 SQ White-Star Premium, White Polyurea Restoration Adhesive For Mineral And Smooth Modified And BUR (2 GAL/SQ).....	238.46	

07 57 Coated Foamed Roofing (07 50)

07 57 13 Sprayed Polyurethane Foam Roofing (07 57)

Note: Includes power washing. Excludes ballast removal and priming metal surfaces. Excludes walkways.

07 57 13 00-0001 Sprayed Polyurethane Foam Roofing Systems (07 57 13)		
07 57 13 00-0002 Sprayed Polyurethane Foam Roofing Systems With Acrylic Elastomeric Coating (07 57 13 00-0001)		
07 57 13 00-0003 Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating (07 57 13 00-0002)		
Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 5 year warranty.		
07 57 13 00-0004 SQ 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	329.35	50.08
07 57 13 00-0005 SQ 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating	394.53	53.65

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 57 Coated Foamed Roofing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0006	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	459.71	57.23
07 57 13 00-0007	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	531.34	60.81
07 57 13 00-0008	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	602.97	64.39
07 57 13 00-0009	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	661.71	67.97
07 57 13 00-0010	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	720.43	71.54
07 57 13 00-0011	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	785.62	75.12
07 57 13 00-0012	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	850.80	78.69
07 57 13 00-0013	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	915.98	82.28
07 57 13 00-0014	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 28 Mil Acrylic Elastomeric Coating.....	981.16	85.85
07 57 13 00-0015		Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating <small>(07 57 13 00-0002)</small> Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 10 year warranty.		
07 57 13 00-0016	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	339.38	50.08
07 57 13 00-0017	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	404.56	53.65
07 57 13 00-0018	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	469.74	57.23
07 57 13 00-0019	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	534.92	60.81
07 57 13 00-0020	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	600.10	64.39
07 57 13 00-0021	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	665.29	67.97
07 57 13 00-0022	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	730.46	71.54
07 57 13 00-0023	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	795.65	75.12
07 57 13 00-0024	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	860.83	78.69
07 57 13 00-0025	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	926.01	82.28
07 57 13 00-0026	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 32 Mil Acrylic Elastomeric Coating.....	991.19	85.85
07 57 13 00-0027		Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating <small>(07 57 13 00-0002)</small> Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with acrylic elastomeric coating. Includes 15 year warranty.		
07 57 13 00-0028	SQ	1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	363.74	50.08
07 57 13 00-0029	SQ	1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	426.77	53.65
07 57 13 00-0030	SQ	2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	489.80	57.23
07 57 13 00-0031	SQ	2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	554.98	60.81
07 57 13 00-0032	SQ	3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	620.16	64.39
07 57 13 00-0033	SQ	3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	712.15	67.97
07 57 13 00-0034	SQ	4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	804.12	71.54
07 57 13 00-0035	SQ	4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	874.75	75.12
07 57 13 00-0036	SQ	5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	945.38	78.69
07 57 13 00-0037	SQ	5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	1,016.00	82.28
07 57 13 00-0038	SQ	6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 40 Mil Acrylic Elastomeric Coating.....	1,086.63	85.85
07 57 13 00-0039		Sprayed Polyurethane Foam Roofing Systems With Silicone Elastomeric Coating <small>(07 57 13 00-0001)</small>		
07 57 13 00-0040		Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating <small>(07 57 13 00-0039)</small> Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 5 year warranty.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 57 13 00-0041 SQ 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	370.91	50.08
07 57 13 00-0042 SQ 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	441.53	53.65
07 57 13 00-0043 SQ 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	512.16	57.23
07 57 13 00-0044 SQ 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	582.78	60.81
07 57 13 00-0045 SQ 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	653.41	64.39
07 57 13 00-0046 SQ 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	724.04	67.97
07 57 13 00-0047 SQ 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	794.66	71.54
07 57 13 00-0048 SQ 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	865.29	75.12
07 57 13 00-0049 SQ 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	935.92	78.69
07 57 13 00-0050 SQ 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,006.54	82.28
07 57 13 00-0051 SQ 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 20 Mil Silicone Elastomeric Coating	1,077.17	85.85

07 57 13 00-0052 Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating (07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 10 year warranty.

07 57 13 00-0053 SQ 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	385.09	50.08
07 57 13 00-0054 SQ 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	455.72	53.65
07 57 13 00-0055 SQ 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	526.34	57.23
07 57 13 00-0056 SQ 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	596.97	60.81
07 57 13 00-0057 SQ 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	667.59	64.39
07 57 13 00-0058 SQ 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	738.23	67.97
07 57 13 00-0059 SQ 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	808.84	71.54
07 57 13 00-0060 SQ 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	879.48	75.12
07 57 13 00-0061 SQ 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	950.10	78.69
07 57 13 00-0062 SQ 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,020.73	82.28
07 57 13 00-0063 SQ 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 22 Mil Silicone Elastomeric Coating	1,091.35	85.85

07 57 13 00-0064 Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating (07 57 13 00-0039)

Note: Includes UL 790 fire rated 2.8 LB density polyurethane foam roofing system with 65% solids silicone elastomeric coating. Includes 15 year warranty.

07 57 13 00-0065 SQ 1" Thick, R6.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	396.13	50.08
07 57 13 00-0066 SQ 1-1/2" Thick, R9.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	466.75	53.65
07 57 13 00-0067 SQ 2" Thick, R13.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	537.38	57.23
07 57 13 00-0068 SQ 2-1/2" Thick, R16.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	608.00	60.81
07 57 13 00-0069 SQ 3" Thick, R19.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	678.63	64.39
07 57 13 00-0070 SQ 3-1/2" Thick, R22.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	749.26	67.97
07 57 13 00-0071 SQ 4" Thick, R26.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	819.88	71.54
07 57 13 00-0072 SQ 4-1/2" Thick, R29.25, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	890.51	75.12
07 57 13 00-0073 SQ 5" Thick, R32.5, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	961.14	78.69
07 57 13 00-0074 SQ 5-1/2" Thick, R35.75, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,031.76	82.28
07 57 13 00-0075 SQ 6" Thick, R39.0, 2.8 PCF, Closed Cell, Sprayed Polyurethane Foam Roofing System With 25 Mil Silicone Elastomeric Coating	1,102.39	85.85

07 58 Roll Roofing (07 50)

07 58 00 00-0001 Prepared Roll Roofing (07 58)

Note: Fastened with roofing nails and roofing cement. Includes fasteners and adhesive. Excludes warranty. See CSI section 07 51 13 00-0033 for underlayment.

07 Thermal And Moisture Protection**07 50 Membrane Roofing****07 58 Roll Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 58 00 00-0002	SQ		Granule Surfaced, 90 LB, Asphalt Saturated Organic Felt Roll Roofing.....	248.92	32.19
07 59 Membrane Roofing Termination Bar ^(07 50)					
07 59 00 00-0001			Membrane Roofing Termination Bar ^(07 59)		
07 59 00 00-0002	LF		Membrane Roofing Termination Bar..... Note: Includes fasteners and caulking.	4.73	1.46
07 60 Flashing and Sheet Metal ⁽⁰⁷⁾					
07 61 Sheet Metal Roofing ^(07 60)					
07 61 13 Standing Seam Sheet Metal Roofing ^(07 61)					
07 61 13 00-0001			Standing Seam Concealed Fastener Roofing ^(07 61 13)		
07 61 13 00-0002			Copper Standing Seam Concealed Fastener Roofing ^(07 61 13 00-0001)		
07 61 13 00-0003	SF		Architectural 16 Ounce Copper Standing Seam Concealed Fastener Roofing.....	36.73	3.94
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.36	
			<i>For 140 MPH Wind Load, Add</i>	1.36	
			<i>For Panels <16" Wide, Add</i>	3.29	
			<i>For Up To 1,500, Add</i>	9.18	
			<i>For >1,500 To 5,000, Add</i>	5.51	
			<i>For >5,000 To 10,000, Add</i>	0.92	
07 61 13 00-0004	SF		Architectural 18 Ounce Copper Standing Seam Concealed Fastener Roofing.....	40.21	4.27
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.56	
			<i>For 140 MPH Wind Load, Add</i>	1.49	
			<i>For Panels <16" Wide, Add</i>	3.59	
			<i>For Up To 1,500, Add</i>	10.05	
			<i>For >1,500 To 5,000, Add</i>	6.03	
			<i>For >5,000 To 10,000, Add</i>	1.01	
07 61 13 00-0005	SF		Architectural 20 Ounce Copper Standing Seam Concealed Fastener Roofing.....	47.33	4.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.79	
			<i>For 140 MPH Wind Load, Add</i>	1.69	
			<i>For Panels <16" Wide, Add</i>	4.09	
			<i>For Up To 1,500, Add</i>	11.83	
			<i>For >1,500 To 5,000, Add</i>	7.10	
			<i>For >5,000 To 10,000, Add</i>	1.18	
07 61 13 00-0006			Zinc/Copper Standing Seam Concealed Fastener Roofing ^(07 61 13 00-0001)		
07 61 13 00-0007	SF		0.020" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	42.89	4.27
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.56	
			<i>For 140 MPH Wind Load, Add</i>	1.54	
			<i>For Panels <16" Wide, Add</i>	3.72	
			<i>For Up To 1,500, Add</i>	10.72	
			<i>For >1,500 To 5,000, Add</i>	6.43	
			<i>For >5,000 To 10,000, Add</i>	1.07	
			<i>For Tin/Copper, Deduct</i>	-0.69	
07 61 13 00-0008	SF		0.027" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	51.85	4.44
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.67	
			<i>For 140 MPH Wind Load, Add</i>	1.75	
			<i>For Panels <16" Wide, Add</i>	4.24	
			<i>For Up To 1,500, Add</i>	12.96	
			<i>For >1,500 To 5,000, Add</i>	7.78	
			<i>For >5,000 To 10,000, Add</i>	1.30	
			<i>For Tin/Copper, Deduct</i>	-0.86	
07 61 13 00-0009	SF		0.032" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	58.88	4.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.79	
			<i>For 140 MPH Wind Load, Add</i>	1.92	
			<i>For Panels <16" Wide, Add</i>	4.66	
			<i>For Up To 1,500, Add</i>	14.72	
			<i>For >1,500 To 5,000, Add</i>	8.83	
			<i>For >5,000 To 10,000, Add</i>	1.47	
			<i>For Tin/Copper, Deduct</i>	-0.99	
07 61 13 00-0010	SF		0.040" Thick, Zinc/Copper Standing Seam Concealed Fastener Roofing.....	73.69	4.87
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.92	
			<i>For 140 MPH Wind Load, Add</i>	2.25	
			<i>For Panels <16" Wide, Add</i>	5.49	
			<i>For Up To 1,500, Add</i>	18.42	
			<i>For >1,500 To 5,000, Add</i>	11.05	
			<i>For >5,000 To 10,000, Add</i>	1.84	
			<i>For Tin/Copper, Deduct</i>	-1.28	
07 61 13 00-0011			Accessories For Copper Standing Seam Concealed Fastener Roofing ^(07 61 13 00-0001)		
07 61 13 00-0012	LF		Ridge Flashing For Copper Standing Seam Concealed Fastener Roofing.....	153.30	8.13
			<i>For Steep Roof, Over 6 To 12, Add</i>	6.10	
			<i>For 140 MPH Wind Load, Add</i>	4.69	
07 61 13 00-0013	LF		Eave Flashing For Copper Standing Seam Concealed Fastener Roofing.....	88.90	8.13
			<i>For Steep Roof, Over 6 To 12, Add</i>	6.10	
			<i>For 140 MPH Wind Load, Add</i>	3.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 13 00-0014 LF Valley Flashing For Copper Standing Seam Concealed Fastener Roofing	214.20	8.13
<i>For Steep Roof, Over 6 To 12, Add</i>	6.10	
<i>For 140 MPH Wind Load, Add</i>	5.91	
07 61 13 00-0015 LF Hip Flashing For Copper Standing Seam Concealed Fastener Roofing.....	158.12	8.13
<i>For Steep Roof, Over 6 To 12, Add</i>	6.10	
<i>For 140 MPH Wind Load, Add</i>	4.79	
 07 61 16 Batten Seam Sheet Metal Roofing (07 61)		
07 61 16 00-0001 Copper Batten Seam Concealed Fastener Roofing (07 61 16)		
07 61 16 00-0002 Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0003 SF 16 Ounce Copper Batten Seam Concealed Fastener Roofing	45.21	4.65
<i>For Steep Roof, Over 6 To 12, Add</i>	2.79	
<i>For 140 MPH Wind Load, Add</i>	1.65	
<i>For Panels <16" Wide, Add</i>	3.98	
<i>For Up To 1,500, Add</i>	11.30	
<i>For >1,500 To 5,000, Add</i>	6.78	
<i>For >5,000 To 10,000, Add</i>	1.13	
07 61 16 00-0004 SF 18 Ounce Copper Batten Seam Concealed Fastener Roofing	49.90	4.89
<i>For Steep Roof, Over 6 To 12, Add</i>	2.93	
<i>For 140 MPH Wind Load, Add</i>	1.78	
<i>For Panels <16" Wide, Add</i>	4.30	
<i>For Up To 1,500, Add</i>	12.48	
<i>For >1,500 To 5,000, Add</i>	7.49	
<i>For >5,000 To 10,000, Add</i>	1.25	
07 61 16 00-0005 SF 20 Ounce Copper Batten Seam Concealed Fastener Roofing	58.12	5.11
<i>For Steep Roof, Over 6 To 12, Add</i>	3.07	
<i>For 140 MPH Wind Load, Add</i>	1.98	
<i>For Panels <16" Wide, Add</i>	4.80	
<i>For Up To 1,500, Add</i>	14.53	
<i>For >1,500 To 5,000, Add</i>	8.72	
<i>For >5,000 To 10,000, Add</i>	1.45	
 07 61 16 00-0006 Zinc/Copper Batten Seam Concealed Fastener Roofing (07 61 16 00-0001)		
07 61 16 00-0007 SF 0.020" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	45.85	4.27
<i>For Steep Roof, Over 6 To 12, Add</i>	2.56	
<i>For 140 MPH Wind Load, Add</i>	1.60	
<i>For Panels <16" Wide, Add</i>	3.87	
<i>For Up To 1,500, Add</i>	11.46	
<i>For >1,500 To 5,000, Add</i>	6.88	
<i>For >5,000 To 10,000, Add</i>	1.15	
<i>For Tin/Copper, Deduct</i>	-0.75	
07 61 16 00-0008 SF 0.027" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	56.07	4.44
<i>For Steep Roof, Over 6 To 12, Add</i>	2.67	
<i>For 140 MPH Wind Load, Add</i>	1.83	
<i>For Panels <16" Wide, Add</i>	4.45	
<i>For Up To 1,500, Add</i>	14.02	
<i>For >1,500 To 5,000, Add</i>	8.41	
<i>For >5,000 To 10,000, Add</i>	1.40	
<i>For Tin/Copper, Deduct</i>	-0.94	
07 61 16 00-0009 SF 0.032" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	62.82	4.65
<i>For Steep Roof, Over 6 To 12, Add</i>	2.79	
<i>For 140 MPH Wind Load, Add</i>	2.00	
<i>For Panels <16" Wide, Add</i>	4.86	
<i>For Up To 1,500, Add</i>	15.71	
<i>For >1,500 To 5,000, Add</i>	9.42	
<i>For >5,000 To 10,000, Add</i>	1.57	
<i>For Tin/Copper, Deduct</i>	-1.07	
07 61 16 00-0010 SF 0.040" Thick, Zinc/Copper Batten Seam Concealed Fastener Roofing	78.76	4.87
<i>For Steep Roof, Over 6 To 12, Add</i>	2.92	
<i>For 140 MPH Wind Load, Add</i>	2.35	
<i>For Panels <16" Wide, Add</i>	5.74	
<i>For Up To 1,500, Add</i>	19.69	
<i>For >1,500 To 5,000, Add</i>	11.81	
<i>For >5,000 To 10,000, Add</i>	1.97	
<i>For Tin/Copper, Deduct</i>	-1.38	
 07 61 19 Flat Seam Sheet Metal Roofing (07 61)		
07 61 19 00-0001 Copper Flat Seam Concealed Fastener Roofing (07 61 19)		
07 61 19 00-0002 Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0003 SF 16 Ounce Copper Flat Seam Concealed Fastener Roofing.....	35.00	4.27
<i>For Steep Roof, Over 6 To 12, Add</i>	2.56	
<i>For 140 MPH Wind Load, Add</i>	1.38	
<i>For Panels <16" Wide, Add</i>	3.33	
<i>For Up To 1,500, Add</i>	8.75	
<i>For >1,500 To 5,000, Add</i>	5.25	
<i>For >5,000 To 10,000, Add</i>	0.88	

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 61 Sheet Metal Roofing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 61 19 00-0004	SF		18 Ounce Copper Flat Seam Concealed Fastener Roofing.....	38.47	4.44
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.67	
			<i>For 140 MPH Wind Load, Add</i>	1.48	
			<i>For Panels <16" Wide, Add</i>	3.57	
			<i>For Up To 1,500, Add</i>	9.62	
			<i>For >1,500 To 5,000, Add</i>	5.77	
			<i>For >5,000 To 10,000, Add</i>	0.96	
07 61 19 00-0005	SF		20 Ounce Copper Flat Seam Concealed Fastener Roofing.....	44.51	4.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.79	
			<i>For 140 MPH Wind Load, Add</i>	1.63	
			<i>For Panels <16" Wide, Add</i>	3.95	
			<i>For Up To 1,500, Add</i>	11.13	
			<i>For >1,500 To 5,000, Add</i>	6.68	
			<i>For >5,000 To 10,000, Add</i>	1.11	
07 61 19 00-0006			Zinc/Copper Flat Seam Concealed Fastener Roofing (07 61 19 00-0001)		
07 61 19 00-0007	SF		0.020" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	40.21	4.27
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.56	
			<i>For 140 MPH Wind Load, Add</i>	1.49	
			<i>For Panels <16" Wide, Add</i>	3.59	
			<i>For Up To 1,500, Add</i>	10.05	
			<i>For >1,500 To 5,000, Add</i>	6.03	
			<i>For >5,000 To 10,000, Add</i>	1.01	
			<i>For Tin/Copper, Deduct</i>	-0.63	
07 61 19 00-0008	SF		0.027" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	49.03	4.44
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.67	
			<i>For 140 MPH Wind Load, Add</i>	1.69	
			<i>For Panels <16" Wide, Add</i>	4.10	
			<i>For Up To 1,500, Add</i>	12.26	
			<i>For >1,500 To 5,000, Add</i>	7.35	
			<i>For >5,000 To 10,000, Add</i>	1.23	
			<i>For Tin/Copper, Deduct</i>	-0.80	
07 61 19 00-0009	SF		0.032" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	55.08	4.65
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.79	
			<i>For 140 MPH Wind Load, Add</i>	1.85	
			<i>For Panels <16" Wide, Add</i>	4.47	
			<i>For Up To 1,500, Add</i>	13.77	
			<i>For >1,500 To 5,000, Add</i>	8.26	
			<i>For >5,000 To 10,000, Add</i>	1.38	
			<i>For Tin/Copper, Deduct</i>	-0.92	
07 61 19 00-0010	SF		0.040" Thick, Zinc/Copper Flat Seam Concealed Fastener Roofing.....	68.90	4.87
			<i>For Steep Roof, Over 6 To 12, Add</i>	2.92	
			<i>For 140 MPH Wind Load, Add</i>	2.16	
			<i>For Panels <16" Wide, Add</i>	5.25	
			<i>For Up To 1,500, Add</i>	17.23	
			<i>For >1,500 To 5,000, Add</i>	10.34	
			<i>For >5,000 To 10,000, Add</i>	1.72	
			<i>For Tin/Copper, Deduct</i>	-1.18	
07 62 Sheet Metal Flashing and Trim (07 60)					
07 62 13 Fabricated Copings (07 62)					
07 62 13 00-0001 Lead Flashing And Trim (07 62 13)					
07 62 13 00-0002	SF		2.5 LB/SF Sheet Lead Flashing.....	25.29	6.86
			<i>For Up To 100, Add</i>	6.32	
07 62 13 00-0003	SF		4 LB/SF Sheet Lead Flashing.....	32.43	6.86
			<i>For Up To 100, Add</i>	8.11	
07 62 13 00-0004 Copper Flashing And Trim (07 62 13)					
07 62 13 00-0005 Copper Flashing And Trim (07 62 13 00-0004)					
07 62 13 00-0006	SF		16 Ounce, 0.021" Thick, Copper Flashing And Trim.....	40.99	6.70
			<i>For Up To 100, Add</i>	10.25	
			<i>For >500 To 2,000, Deduct</i>	-5.59	
			<i>For >2,000, Deduct</i>	-6.98	
			<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	2.65	
			<i>For Wrap Around Window Panning, Add</i>	13.25	
07 62 13 00-0007	SF		20 Ounce, 0.027" Thick, Copper Flashing And Trim.....	42.29	6.86
			<i>For Up To 100, Add</i>	10.57	
			<i>For >500 To 2,000, Deduct</i>	-5.77	
			<i>For >2,000, Deduct</i>	-7.20	
			<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	2.77	
			<i>For Wrap Around Window Panning, Add</i>	13.85	
07 62 13 00-0008	SF		24 Ounce, 0.032" Thick, Copper Flashing And Trim.....	48.64	7.32
			<i>For Up To 100, Add</i>	12.16	
			<i>For >500 To 2,000, Deduct</i>	-6.61	
			<i>For >2,000, Deduct</i>	-8.32	
			<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	2.90	
			<i>For Wrap Around Window Panning, Add</i>	14.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0009 SF 32 Ounce, 0.043" Thick, Copper Flashing And Trim.....	60.74	7.62
<i>For Up To 100, Add</i>	15.19	
<i>For >500 To 2,000, Deduct</i>	-8.20	
<i>For >2,000, Deduct</i>	-10.48	
<i>For Copper Valley For Steep Slope Roofing, Over 7 To 12, Add</i>	3.05	
<i>For Wrap Around Window Panning, Add</i>	15.24	
07 62 13 00-0010 Stainless Steel Flashing And Trim (07 62 13)		
07 62 13 00-0011 Stainless Steel Flashing And Trim (07 62 13 00-0010)		
07 62 13 00-0012 SF 32 Gauge, 0.010" Thick, Stainless Steel Flashing And Trim.....	12.54	3.66
<i>For Up To 100, Add</i>	3.14	
<i>For Wrap Around Window Panning, Add</i>	9.41	
<i>For Mechanically Keyed Flashing, Add</i>	1.25	
07 62 13 00-0013 SF 30 Gauge, 0.0125" Thick, Stainless Steel Flashing And Trim.....	13.47	4.11
<i>For Up To 100, Add</i>	3.37	
<i>For Wrap Around Window Panning, Add</i>	9.56	
<i>For Mechanically Keyed Flashing, Add</i>	1.56	
07 62 13 00-0014 SF 28 Gauge, 0.0156" Thick, Stainless Steel Flashing And Trim.....	14.40	4.57
<i>For Up To 100, Add</i>	3.60	
<i>For Wrap Around Window Panning, Add</i>	9.71	
<i>For Mechanically Keyed Flashing, Add</i>	1.88	
07 62 13 00-0015 SF 26 Gauge, 0.0187" Thick, Stainless Steel Flashing And Trim.....	15.89	5.03
<i>For Up To 100, Add</i>	3.97	
<i>For Wrap Around Window Panning, Add</i>	10.02	
<i>For Mechanically Keyed Flashing, Add</i>	2.35	
07 62 13 00-0016 SF 24 Gauge, 0.025" Thick, Stainless Steel Flashing And Trim.....	18.41	5.34
<i>For Up To 100, Add</i>	4.60	
<i>For Wrap Around Window Panning, Add</i>	10.59	
<i>For Mechanically Keyed Flashing, Add</i>	3.13	
07 62 13 00-0017 SF 22 Gauge, 0.031" Thick, Stainless Steel Flashing And Trim.....	20.02	5.60
<i>For Up To 100, Add</i>	5.01	
<i>For Wrap Around Window Panning, Add</i>	11.20	
<i>For Mechanically Keyed Flashing, Add</i>	3.53	
07 62 13 00-0018 SF 20 Gauge, 0.0375" Thick, Stainless Steel Flashing And Trim.....	21.41	5.94
<i>For Up To 100, Add</i>	5.35	
<i>For Wrap Around Window Panning, Add</i>	11.85	
<i>For Mechanically Keyed Flashing, Add</i>	3.82	
07 62 13 00-0019 Aluminum Flashing And Trim (07 62 13)		
07 62 13 00-0020 Aluminum Flashing And Trim (07 62 13 00-0019)		
07 62 13 00-0021 SF 0.013" Thick, Mill Finish, Aluminum Flashing And Trim	13.82	4.72
<i>For Up To 100, Add</i>	3.46	
<i>For Baked Aluminum Colors, Add</i>	0.33	
<i>For Wrap Around Window Panning, Add</i>	10.51	
07 62 13 00-0022 SF 0.016" Thick, Mill Finish, Aluminum Flashing And Trim	14.54	4.72
<i>For Up To 100, Add</i>	3.64	
<i>For Baked Aluminum Colors, Add</i>	0.40	
<i>For Wrap Around Window Panning, Add</i>	10.51	
07 62 13 00-0023 SF 0.019" Thick, Mill Finish, Aluminum Flashing And Trim	15.11	4.72
<i>For Up To 100, Add</i>	3.78	
<i>For Baked Aluminum Colors, Add</i>	0.46	
<i>For Wrap Around Window Panning, Add</i>	10.51	
07 62 13 00-0024 SF 0.024" Thick, Mill Finish, Aluminum Flashing And Trim	15.94	4.72
<i>For Up To 100, Add</i>	3.99	
<i>For Baked Aluminum Colors, Add</i>	0.54	
<i>For Wrap Around Window Panning, Add</i>	10.51	
07 62 13 00-0025 SF 0.032" Thick, Mill Finish, Aluminum Flashing And Trim	17.10	4.72
<i>For Up To 100, Add</i>	4.28	
<i>For Baked Aluminum Colors, Add</i>	0.66	
<i>For Wrap Around Window Panning, Add</i>	10.51	
07 62 13 00-0026 SF 0.040" Thick, Mill Finish, Aluminum Flashing And Trim	17.81	4.72
<i>For Up To 100, Add</i>	4.45	
<i>For Baked Aluminum Colors, Add</i>	0.73	
<i>For Wrap Around Window Panning, Add</i>	10.51	
07 62 13 00-0027 SF 0.050" Thick, Mill Finish, Aluminum Flashing And Trim	18.38	4.72
<i>For Up To 100, Add</i>	4.60	
<i>For Baked Aluminum Colors, Add</i>	0.79	
<i>For Wrap Around Window Panning, Add</i>	10.51	
07 62 13 00-0028 Steel Flashing And Trim (07 62 13)		
07 62 13 00-0029 Galvanized Steel Flashing And Trim (07 62 13 00-0028)		
07 62 13 00-0030 SF 28 Gauge, 0.019" Thick, Galvanized Steel Flashing.....	14.28	4.57
<i>For Up To 100, Add</i>	3.57	
<i>For Wrap Around Window Panning, Add</i>	9.71	
07 62 13 00-0031 SF 26 Gauge, 0.022" Thick, Galvanized Steel Flashing.....	14.84	5.03
<i>For Up To 100, Add</i>	3.71	
<i>For Wrap Around Window Panning, Add</i>	10.02	
07 62 13 00-0032 SF 24 Gauge, 0.028" Thick, Galvanized Steel Flashing.....	15.79	5.34
<i>For Up To 100, Add</i>	3.95	
<i>For Wrap Around Window Panning, Add</i>	10.59	

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 13 00-0033	SF	22 Gauge, 0.034" Thick, Galvanized Steel Flashing..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i>	16.78 4.20 11.20	5.60
07 62 13 00-0034	SF	20 Gauge, 0.04" Thick, Galvanized Steel Flashing..... <i>For Up To 100, Add</i> <i>For Wrap Around Window Panning, Add</i>	18.10 4.53 11.85	5.94
07 62 19 Fabricated Gravel Stops and Fasciae (07 62)				
07 62 19 00-0001		Drip Edge (07 62 19)		
07 62 19 00-0002		Aluminum Drip Edge (07 62 19 00-0001) Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0003		KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0004		0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0005	LF	Up To 5" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	12.15	1.61
07 62 19 00-0006	LF	>5" To 7" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.22	1.72
07 62 19 00-0007	LF	>7" To 9" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.20	1.93
07 62 19 00-0008	LF	>9" To 12" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.77	2.04
07 62 19 00-0009	LF	>12" To 15" Girth, 0.016" Thick, KYNAR 500® Finish, Aluminum Drip Edge	26.65	2.15
07 62 19 00-0010		0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0011	LF	Up To 5" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.03	1.61
07 62 19 00-0012	LF	>5" To 7" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.20	1.72
07 62 19 00-0013	LF	>7" To 9" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.67	1.93
07 62 19 00-0014	LF	>9" To 12" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.52	2.04
07 62 19 00-0015	LF	>12" To 15" Girth, 0.019" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.31	2.15
07 62 19 00-0016		0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0017	LF	Up To 5" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	13.91	1.61
07 62 19 00-0018	LF	>5" To 7" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	17.37	1.72
07 62 19 00-0019	LF	>7" To 9" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.08	1.93
07 62 19 00-0020	LF	>9" To 12" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.28	2.04
07 62 19 00-0021	LF	>12" To 15" Girth, 0.025" Thick, KYNAR 500® Finish, Aluminum Drip Edge	30.65	2.15
07 62 19 00-0022		0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0023	LF	Up To 5" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	15.67	1.61
07 62 19 00-0024	LF	>5" To 7" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	19.71	1.72
07 62 19 00-0025	LF	>7" To 9" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	22.86	1.93
07 62 19 00-0026	LF	>9" To 12" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.80	2.04
07 62 19 00-0027	LF	>12" To 15" Girth, 0.032" Thick, KYNAR 500® Finish, Aluminum Drip Edge	35.34	2.15
07 62 19 00-0028		0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0029	LF	Up To 5" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	16.25	1.61
07 62 19 00-0030	LF	>5" To 7" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	20.59	1.72
07 62 19 00-0031	LF	>7" To 9" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.79	1.93
07 62 19 00-0032	LF	>9" To 12" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	28.97	2.04
07 62 19 00-0033	LF	>12" To 15" Girth, 0.040" Thick, KYNAR 500® Finish, Aluminum Drip Edge	36.90	2.15
07 62 19 00-0034		0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0035	LF	Up To 5" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	18.30	1.61
07 62 19 00-0036	LF	>5" To 7" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	23.23	1.72
07 62 19 00-0037	LF	>7" To 9" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.01	1.93
07 62 19 00-0038	LF	>9" To 12" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	33.07	2.04
07 62 19 00-0039	LF	>12" To 15" Girth, 0.050" Thick, KYNAR 500® Finish, Aluminum Drip Edge	42.37	2.15
07 62 19 00-0040		0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0041	LF	Up To 5" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	21.23	1.61
07 62 19 00-0042	LF	>5" To 7" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	27.13	1.72
07 62 19 00-0043	LF	>7" To 9" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.65	1.93
07 62 19 00-0044	LF	>9" To 12" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	38.93	2.04
07 62 19 00-0045	LF	>12" To 15" Girth, 0.063" Thick, KYNAR 500® Finish, Aluminum Drip Edge	50.18	2.15
07 62 19 00-0046		0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge (07 62 19 00-0003)		
07 62 19 00-0047	LF	Up To 5" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	24.75	1.61
07 62 19 00-0048	LF	>5" To 7" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	31.82	1.72
07 62 19 00-0049	LF	>7" To 9" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	37.22	1.93
07 62 19 00-0050	LF	>9" To 12" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	45.96	2.04
07 62 19 00-0051	LF	>12" To 15" Girth, 0.080" Thick, KYNAR 500® Finish, Aluminum Drip Edge	59.55	2.15
07 62 19 00-0052		Mill Finish, Aluminum Drip Edge (07 62 19 00-0002)		

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0053		0.016" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0054	LF	Up To 5" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	9.88	1.61
07 62 19 00-0055	LF	>5" To 7" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	12.13	1.72
07 62 19 00-0056	LF	>7" To 9" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	13.63	1.93
07 62 19 00-0057	LF	>9" To 12" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	16.22	2.04
07 62 19 00-0058	LF	>12" To 15" Girth, 0.016" Thick, Mill Finish, Aluminum Drip Edge.....	20.38	2.15
07 62 19 00-0059		0.019" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0060	LF	Up To 5" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	10.49	1.61
07 62 19 00-0061	LF	>5" To 7" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	12.80	1.72
07 62 19 00-0062	LF	>7" To 9" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	14.64	1.93
07 62 19 00-0063	LF	>9" To 12" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	17.43	2.04
07 62 19 00-0064	LF	>12" To 15" Girth, 0.019" Thick, Mill Finish, Aluminum Drip Edge.....	21.52	2.15
07 62 19 00-0065		0.025" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0066	LF	Up To 5" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	11.09	1.61
07 62 19 00-0067	LF	>5" To 7" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	13.61	1.72
07 62 19 00-0068	LF	>7" To 9" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	15.61	1.93
07 62 19 00-0069	LF	>9" To 12" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	18.64	2.04
07 62 19 00-0070	LF	>12" To 15" Girth, 0.025" Thick, Mill Finish, Aluminum Drip Edge.....	23.14	2.15
07 62 19 00-0071		0.032" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0072	LF	Up To 5" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	12.30	1.61
07 62 19 00-0073	LF	>5" To 7" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	15.23	1.72
07 62 19 00-0074	LF	>7" To 9" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	17.53	1.93
07 62 19 00-0075	LF	>9" To 12" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	21.07	2.04
07 62 19 00-0076	LF	>12" To 15" Girth, 0.032" Thick, Mill Finish, Aluminum Drip Edge.....	26.37	2.15
07 62 19 00-0077		0.040" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0078	LF	Up To 5" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	12.71	1.61
07 62 19 00-0079	LF	>5" To 7" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	15.83	1.72
07 62 19 00-0080	LF	>7" To 9" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	18.17	1.93
07 62 19 00-0081	LF	>9" To 12" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	21.88	2.04
07 62 19 00-0082	LF	>12" To 15" Girth, 0.040" Thick, Mill Finish, Aluminum Drip Edge.....	27.45	2.15
07 62 19 00-0083		0.050" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0084	LF	Up To 5" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	14.12	1.61
07 62 19 00-0085	LF	>5" To 7" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	17.65	1.72
07 62 19 00-0086	LF	>7" To 9" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	20.39	1.93
07 62 19 00-0087	LF	>9" To 12" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	24.70	2.04
07 62 19 00-0088	LF	>12" To 15" Girth, 0.050" Thick, Mill Finish, Aluminum Drip Edge.....	31.22	2.15
07 62 19 00-0089		0.063" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0090	LF	Up To 5" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	16.14	1.61
07 62 19 00-0091	LF	>5" To 7" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	20.34	1.72
07 62 19 00-0092	LF	>7" To 9" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	23.59	1.93
07 62 19 00-0093	LF	>9" To 12" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	28.74	2.04
07 62 19 00-0094	LF	>12" To 15" Girth, 0.063" Thick, Mill Finish, Aluminum Drip Edge.....	36.61	2.15
07 62 19 00-0095		0.080" Thick, Mill Finish, Aluminum Drip Edge (07 62 19 00-0052)		
07 62 19 00-0096	LF	Up To 5" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	18.57	1.61
07 62 19 00-0097	LF	>5" To 7" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	23.58	1.72
07 62 19 00-0098	LF	>7" To 9" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	27.43	1.93
07 62 19 00-0099	LF	>9" To 12" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	33.59	2.04
07 62 19 00-0100	LF	>12" To 15" Girth, 0.080" Thick, Mill Finish, Aluminum Drip Edge.....	43.07	2.15
07 62 19 00-0101		Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0002)		
07 62 19 00-0102		0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0103	LF	Up To 5" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	12.59	1.61
07 62 19 00-0104	LF	>5" To 7" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	15.82	1.72
07 62 19 00-0105	LF	>7" To 9" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	17.89	1.93
07 62 19 00-0106	LF	>9" To 12" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.64	2.04
07 62 19 00-0107	LF	>12" To 15" Girth, 0.016" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	27.86	2.15
07 62 19 00-0108		0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)		
07 62 19 00-0109	LF	Up To 5" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	13.52	1.61
07 62 19 00-0110	LF	>5" To 7" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.85	1.72
07 62 19 00-0111	LF	>7" To 9" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.44	1.93
07 62 19 00-0112	LF	>9" To 12" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	23.51	2.04
07 62 19 00-0113	LF	>12" To 15" Girth, 0.019" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.62	2.15

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 62 Sheet Metal Flashing and Trim**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
07 62 19 00-0114		0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)			
07 62 19 00-0115	LF	Up To 5" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	14.46		1.61
07 62 19 00-0116	LF	>5" To 7" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	18.09		1.72
07 62 19 00-0117	LF	>7" To 9" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	20.95		1.93
07 62 19 00-0118	LF	>9" To 12" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.37		2.04
07 62 19 00-0119	LF	>12" To 15" Girth, 0.025" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	32.11		2.15
07 62 19 00-0120		0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)			
07 62 19 00-0121	LF	Up To 5" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.32		1.61
07 62 19 00-0122	LF	>5" To 7" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	20.58		1.72
07 62 19 00-0123	LF	>7" To 9" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	23.90		1.93
07 62 19 00-0124	LF	>9" To 12" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	29.10		2.04
07 62 19 00-0125	LF	>12" To 15" Girth, 0.032" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	37.07		2.15
07 62 19 00-0126		0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)			
07 62 19 00-0127	LF	Up To 5" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	16.94		1.61
07 62 19 00-0128	LF	>5" To 7" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	21.51		1.72
07 62 19 00-0129	LF	>7" To 9" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.88		1.93
07 62 19 00-0130	LF	>9" To 12" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	30.34		2.04
07 62 19 00-0131	LF	>12" To 15" Girth, 0.040" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	38.73		2.15
07 62 19 00-0132		0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)			
07 62 19 00-0133	LF	Up To 5" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	19.11		1.61
07 62 19 00-0134	LF	>5" To 7" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	24.30		1.72
07 62 19 00-0135	LF	>7" To 9" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.29		1.93
07 62 19 00-0136	LF	>9" To 12" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	34.68		2.04
07 62 19 00-0137	LF	>12" To 15" Girth, 0.050" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	44.53		2.15
07 62 19 00-0138		0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)			
07 62 19 00-0139	LF	Up To 5" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	22.22		1.61
07 62 19 00-0140	LF	>5" To 7" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	28.44		1.72
07 62 19 00-0141	LF	>7" To 9" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	33.21		1.93
07 62 19 00-0142	LF	>9" To 12" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	40.89		2.04
07 62 19 00-0143	LF	>12" To 15" Girth, 0.063" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	52.81		2.15
07 62 19 00-0144		0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge (07 62 19 00-0101)			
07 62 19 00-0145	LF	Up To 5" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	25.94		1.61
07 62 19 00-0146	LF	>5" To 7" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	33.41		1.72
07 62 19 00-0147	LF	>7" To 9" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	39.11		1.93
07 62 19 00-0148	LF	>9" To 12" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	48.35		2.04
07 62 19 00-0149	LF	>12" To 15" Girth, 0.080" Thick, Clear Anodized Finish, Aluminum Drip Edge.....	62.74		2.15
07 62 19 00-0150		Galvanized Steel Drip Edge (07 62 19 00-0001)			
		Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.			
07 62 19 00-0151		Galvanized Steel Drip Edge (07 62 19 00-0150)			
07 62 19 00-0152		26 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)			
07 62 19 00-0153	LF	Up To 5" Girth, 26 Gauge, Galvanized Steel Drip Edge	11.57		1.61
07 62 19 00-0154	LF	>5" To 7" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	14.30		1.72
07 62 19 00-0155	LF	>7" To 9" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	16.36		1.93
07 62 19 00-0156	LF	>9" To 12" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	19.59		2.04
07 62 19 00-0157	LF	>12" To 15" Girth, 26 Gauge, Galvanized Steel Drip Edge.....	24.40		2.15
07 62 19 00-0158		24 Gauge, Galvanized Steel Drip Edge (07 62 19 00-0151)			
07 62 19 00-0159	LF	Up To 5" Girth, 24 Gauge, Galvanized Steel Drip Edge	12.58		1.61
07 62 19 00-0160	LF	>5" To 7" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	15.66		1.72
07 62 19 00-0161	LF	>7" To 9" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	17.96		1.93
07 62 19 00-0162	LF	>9" To 12" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	21.62		2.04
07 62 19 00-0163	LF	>12" To 15" Girth, 24 Gauge, Galvanized Steel Drip Edge.....	27.09		2.15
07 62 19 00-0164		KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0150)			
07 62 19 00-0165		26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge (07 62 19 00-0164)			
07 62 19 00-0166	LF	Up To 5" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	14.60		1.61
07 62 19 00-0167	LF	>5" To 7" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	18.37		1.72
07 62 19 00-0168	LF	>7" To 9" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	21.17		1.93
07 62 19 00-0169	LF	>9" To 12" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	25.65		2.04
07 62 19 00-0170	LF	>12" To 15" Girth, 26 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	32.49		2.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 62 19 00-0171 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge <small>(07 62 19 00-0164)</small>		
07 62 19 00-0172 LF Up To 5" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	16.06	1.61
07 62 19 00-0173 LF >5" To 7" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	20.33	1.72
07 62 19 00-0174 LF >7" To 9" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	23.49	1.93
07 62 19 00-0175 LF >9" To 12" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	28.58	2.04
07 62 19 00-0176 LF >12" To 15" Girth, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Drip Edge.....	36.39	2.15
07 62 19 00-0177 Stainless Steel Drip Edge <small>(07 62 19 00-0001)</small> Note: Girth (stretch-out) equals the total (flattened) width of the drip edge.		
07 62 19 00-0178 26 Gauge, Stainless Steel Drip Edge <small>(07 62 19 00-0177)</small>		
07 62 19 00-0179 LF Up To 5" Girth, 26 Gauge, Stainless Steel Drip Edge.....	20.19	1.61
07 62 19 00-0180 LF >5" To 7" Girth, 26 Gauge, Stainless Steel Drip Edge.....	25.74	1.72
07 62 19 00-0181 LF >7" To 9" Girth, 26 Gauge, Stainless Steel Drip Edge.....	30.00	1.93
07 62 19 00-0182 LF >9" To 12" Girth, 26 Gauge, Stainless Steel Drip Edge.....	36.85	2.04
07 62 19 00-0183 LF >12" To 15" Girth, 26 Gauge, Stainless Steel Drip Edge.....	47.41	2.15
07 62 19 00-0184 24 Gauge, Stainless Steel Drip Edge <small>(07 62 19 00-0177)</small>		
07 62 19 00-0185 LF Up To 5" Girth, 24 Gauge, Stainless Steel Drip Edge.....	25.03	1.61
07 62 19 00-0186 LF >5" To 7" Girth, 24 Gauge, Stainless Steel Drip Edge.....	32.19	1.72
07 62 19 00-0187 LF >7" To 9" Girth, 24 Gauge, Stainless Steel Drip Edge.....	37.69	1.93
07 62 19 00-0188 LF >9" To 12" Girth, 24 Gauge, Stainless Steel Drip Edge.....	46.52	2.04
07 62 19 00-0189 LF >12" To 15" Girth, 24 Gauge, Stainless Steel Drip Edge.....	60.30	2.15
07 62 19 00-0190 22 Gauge, Stainless Steel Drip Edge <small>(07 62 19 00-0177)</small>		
07 62 19 00-0191 LF Up To 5" Girth, 22 Gauge, Stainless Steel Drip Edge.....	30.72	1.61
07 62 19 00-0192 LF >5" To 7" Girth, 22 Gauge, Stainless Steel Drip Edge.....	39.78	1.72
07 62 19 00-0193 LF >7" To 9" Girth, 22 Gauge, Stainless Steel Drip Edge.....	46.69	1.93
07 62 19 00-0194 LF >9" To 12" Girth, 22 Gauge, Stainless Steel Drip Edge.....	57.90	2.04
07 62 19 00-0195 LF >12" To 15" Girth, 22 Gauge, Stainless Steel Drip Edge.....	75.48	2.15

07 63 Sheet Metal Roofing Specialties (07 60)

07 63 00 00-0001 Pitch Pockets <small>(07 63)</small> Note: Cut into deck, filled with non-shrink grout, includes blocking.		
07 63 00 00-0002 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pockets <small>(07 63 00 00-0001)</small>		
07 63 00 00-0003 EA 4" x 4" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	96.03	
For Pourable Sealer Filled, Add	38.52	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.27	
07 63 00 00-0004 EA 6" x 6" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	114.61	
For Pourable Sealer Filled, Add	86.71	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	43.47	
07 63 00 00-0005 EA 8" x 8" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	138.79	
For Pourable Sealer Filled, Add	154.06	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	76.86	
07 63 00 00-0006 EA 8" x 10" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	152.74	
For Pourable Sealer Filled, Add	192.58	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	96.60	
07 63 00 00-0007 EA 8" x 12" 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	165.65	
For Pourable Sealer Filled, Add	231.10	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	115.57	
07 63 00 00-0008 SF 24 Gauge Galvanized Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	194.32	
For Pourable Sealer Filled, Add	346.64	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	172.25	
07 63 00 00-0009 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pockets <small>(07 63 00 00-0001)</small>		
07 63 00 00-0010 EA 4" x 4" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	106.12	
For Pourable Sealer Filled, Add	38.52	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	19.27	
07 63 00 00-0011 EA 6" x 6" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	126.44	
For Pourable Sealer Filled, Add	86.71	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	43.47	
07 63 00 00-0012 EA 8" x 8" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	152.97	
For Pourable Sealer Filled, Add	154.06	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	76.86	
07 63 00 00-0013 EA 8" x 10" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	170.52	
For Pourable Sealer Filled, Add	192.58	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	96.60	
07 63 00 00-0014 EA 8" x 12" 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	183.51	
For Pourable Sealer Filled, Add	231.10	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	115.57	
07 63 00 00-0015 SF 16 Ounce Copper Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	213.28	
For Pourable Sealer Filled, Add	346.64	
For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add	172.25	

07 Thermal And Moisture Protection**07 60 Flashing and Sheet Metal****07 63 Sheet Metal Roofing Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 63 00 00-0016			24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pockets <small>(07 63 00 00-0001)</small>		
07 63 00 00-0017	EA		4" x 4" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	109.12	
			<i>For Pourable Sealer Filled, Add</i>	38.52	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	19.27	
07 63 00 00-0018	EA		6" x 6" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	128.97	
			<i>For Pourable Sealer Filled, Add</i>	86.71	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	43.47	
07 63 00 00-0019	EA		8" x 8" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	149.64	
			<i>For Pourable Sealer Filled, Add</i>	154.06	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	76.86	
07 63 00 00-0020	EA		8" x 10" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	162.86	
			<i>For Pourable Sealer Filled, Add</i>	192.58	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	96.60	
07 63 00 00-0021	EA		8" x 12" 24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	174.88	
			<i>For Pourable Sealer Filled, Add</i>	231.10	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	115.57	
07 63 00 00-0022	SF		24 Gauge Stainless Steel Sheet Metal, Non-Shrink Grout Filled Pitch Pocket.....	201.64	
			<i>For Pourable Sealer Filled, Add</i>	346.64	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	172.25	
07 63 00 00-0023			Clean, Repair And Refill Existing Pitch Pockets With Non-Shrink Grout <small>(07 63 00 00-0001)</small>		
			Note: Includes removing existing filler and refilling with non-shrink grout.		
07 63 00 00-0024	EA		Clean, Repair And Refill Existing 4" x 4" Pitch Pocket With Non-Shrink Grout.....	71.70	
			<i>For Pourable Sealer Filled, Add</i>	38.52	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	19.27	
07 63 00 00-0025	EA		Clean, Repair And Refill Existing 6" x 6" Pitch Pocket With Non-Shrink Grout.....	82.94	
			<i>For Pourable Sealer Filled, Add</i>	86.71	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	43.47	
07 63 00 00-0026	EA		Clean, Repair And Refill Existing 8" x 8" Pitch Pocket With Non-Shrink Grout.....	97.94	
			<i>For Pourable Sealer Filled, Add</i>	154.06	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	76.86	
07 63 00 00-0027	EA		Clean, Repair And Refill Existing 8" x 10" Pitch Pocket With Non-Shrink Grout.....	107.40	
			<i>For Pourable Sealer Filled, Add</i>	192.58	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	96.60	
07 63 00 00-0028	EA		Clean, Repair And Refill Existing 8" x 12" Pitch Pocket With Non-Shrink Grout.....	116.86	
			<i>For Pourable Sealer Filled, Add</i>	231.10	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	115.57	
07 63 00 00-0029	SF		Clean, Repair And Refill Existing Pitch Pocket With Non-Shrink Grout.....	140.94	
			<i>For Pourable Sealer Filled, Add</i>	346.64	
			<i>For Pourable Sealer Top Filled (2" Non-Shrink Grout Topped With 2" Pourable Sealer), Add</i>	172.25	
07 63 00 00-0030			Lead Pipe Flashing For Roofs <small>(07 63)</small>		
			Note: Includes 6" skirt base.		
07 63 00 00-0031	EA		1-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3/4" Pipe.....	91.02	28.19
07 63 00 00-0032	EA		1-1/2" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 1" Pipe.....	91.02	28.19
07 63 00 00-0033	EA		2-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 2" Pipe.....	110.44	28.19
07 63 00 00-0034	EA		3-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3" Pipe.....	121.54	28.19
07 63 00 00-0035	EA		4-1/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 3-1/2" Pipe.....	127.09	28.19
07 63 00 00-0036	EA		4-3/4" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 4" Pipe.....	129.86	28.19
07 63 00 00-0037	EA		6-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 6" Pipe.....	157.60	28.19
07 63 00 00-0038	EA		8-7/8" ID x 12" Riser Pipe, 4 LB Lead Pipe Flashing For Roofs, Fits 8" Pipe.....	170.09	28.19
07 63 00 00-0039			Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing <small>(07 63)</small>		
07 63 00 00-0040	EA		2" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	74.36	18.21
07 63 00 00-0041	EA		3" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	75.47	18.21
07 63 00 00-0042	EA		4" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	79.49	18.21
07 63 00 00-0043	EA		6" Vent Through Roof, Galvanized Metal Flashing With Neoprene Collar, Shingle Roofing.....	82.95	18.21
07 65 Flexible Flashing <small>(07 60)</small>					
07 65 16 Modified Bituminous Sheet Flashing <small>(07 65)</small>					
07 65 16 00-0001			Liquid Flashing System For Modified And BUR Systems <small>(07 65 16)</small>		
			See CSI section 07 51 13 00-0036 for ceramic coated roofing granules.		
07 65 16 00-0002	SF		60 Mil, Urethane Elastomer Liquid Applied Flashing.....	13.99	2.03
			Note: Includes applying a 30 mil base coat, rolling in a stitchbonded polyester reinforcing scrim and applying a 30 mil second coat.		
07 65 19 Plastic Sheet Flashing <small>(07 65)</small>					
07 65 19 00-0001			Plastic Flashing And Trim <small>(07 65 19)</small>		
07 65 19 00-0002			Neoprene Flashing <small>(07 65 19 00-0001)</small>		
07 65 19 00-0003			60 Mil Neoprene Flashing <small>(07 65 19 00-0002)</small>		
07 65 19 00-0004	LF		6" Wide Strip, 60 Mil, Neoprene Flashing.....	9.26	2.89
07 65 19 00-0005	LF		12" Wide Strip, 60 Mil, Neoprene Flashing.....	12.42	3.11
07 65 19 00-0006	LF		18" Wide Strip, 60 Mil, Neoprene Flashing.....	15.91	3.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 65 19 00-0007 LF 24" Wide Strip, 60 Mil, Neoprene Flashing	19.59	3.87
07 65 33 Flexible Roof Boot <small>(07 65)</small>		
07 65 33 00-0001 Neoprene Roof Boot <small>(07 65 33)</small>		
07 65 33 00-0002 EA 2" Diameter Pipe, Neoprene Roof Boot	56.05	8.91
07 65 33 00-0003 EA 3" Diameter Pipe, Neoprene Roof Boot	67.39	9.98
07 65 33 00-0004 EA 4" Diameter Pipe, Neoprene Roof Boot	76.02	10.73
07 70 Roof and Wall Specialties and Accessories <small>(07)</small>		
07 71 Roof Specialties <small>(07 70)</small>		
07 71 13 Manufactured Copings <small>(07 71)</small>		
07 71 13 00-0001 Galvanized Steel Copings <small>(07 71 13)</small>		
07 71 13 00-0002 KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0001)</small>		
<small>Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.</small>		
07 71 13 00-0003 LF 10" To 14" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	33.36	2.32
<i>For Up To 25 LF, Add</i>	4.88	
<i>For >25 To 100 LF, Add</i>	2.44	
<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0004 LF >14" To 16" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	35.19	2.51
<i>For Up To 25 LF, Add</i>	5.20	
<i>For >25 To 100 LF, Add</i>	2.60	
<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0005 LF >16" To 22" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	40.13	2.64
<i>For Up To 25 LF, Add</i>	5.77	
<i>For >25 To 100 LF, Add</i>	2.89	
<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0006 LF >22" To 30" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	46.61	2.89
<i>For Up To 25 LF, Add</i>	6.59	
<i>For >25 To 100 LF, Add</i>	3.30	
<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0007 LF >30" To 42" Wide (Stretch-out), 24 Gauge, KYNAR 500® Finish, Galvanized Steel Coping System With Galvanized Steel Cleats	56.33	3.02
<i>For Up To 25 LF, Add</i>	7.65	
<i>For >25 To 100 LF, Add</i>	3.82	
<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0008 Aluminum Copings <small>(07 71 13)</small>		
07 71 13 00-0009 Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0008)</small>		
<small>Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.</small>		
07 71 13 00-0010 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0009)</small>		
07 71 13 00-0011 LF 10" To 14" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	26.48	2.32
<i>For Up To 25 LF, Add</i>	4.20	
<i>For >25 To 100 LF, Add</i>	2.10	
<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0012 LF >14" To 16" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	28.26	2.51
<i>For Up To 25 LF, Add</i>	4.50	
<i>For >25 To 100 LF, Add</i>	2.25	
<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0013 LF >16" To 22" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	32.94	2.64
<i>For Up To 25 LF, Add</i>	5.05	
<i>For >25 To 100 LF, Add</i>	2.53	
<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0014 LF >22" To 30" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	39.34	2.89
<i>For Up To 25 LF, Add</i>	5.87	
<i>For >25 To 100 LF, Add</i>	2.93	
<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0015 LF >30" To 42" Wide (Stretch-out), 0.040" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats	48.87	3.02
<i>For Up To 25 LF, Add</i>	6.90	
<i>For >25 To 100 LF, Add</i>	3.45	
<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0016 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0009)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0017	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....28.74	28.74	2.32
			<i>For Up To 25 LF, Add</i>	4.42	
			<i>For >25 To 100 LF, Add</i>	2.21	
			<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0018	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....30.67	30.67	2.51
			<i>For Up To 25 LF, Add</i>	4.74	
			<i>For >25 To 100 LF, Add</i>	2.37	
			<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0019	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....35.80	35.80	2.64
			<i>For Up To 25 LF, Add</i>	5.34	
			<i>For >25 To 100 LF, Add</i>	2.67	
			<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0020	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....42.79	42.79	2.89
			<i>For Up To 25 LF, Add</i>	6.21	
			<i>For >25 To 100 LF, Add</i>	3.11	
			<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0021	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....53.26	53.26	3.02
			<i>For Up To 25 LF, Add</i>	7.34	
			<i>For >25 To 100 LF, Add</i>	3.67	
			<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0022			0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0009)</small>		
07 71 13 00-0023	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....30.60	30.60	2.32
			<i>For Up To 25 LF, Add</i>	4.61	
			<i>For >25 To 100 LF, Add</i>	2.30	
			<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0024	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....32.82	32.82	2.51
			<i>For Up To 25 LF, Add</i>	4.96	
			<i>For >25 To 100 LF, Add</i>	2.48	
			<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0025	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....39.35	39.35	2.64
			<i>For Up To 25 LF, Add</i>	5.70	
			<i>For >25 To 100 LF, Add</i>	2.85	
			<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0026	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....49.15	49.15	2.89
			<i>For Up To 25 LF, Add</i>	6.85	
			<i>For >25 To 100 LF, Add</i>	3.42	
			<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0027	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Mill Finish, Aluminum Coping System With Galvanized Steel Cleats .....63.55	63.55	3.02
			<i>For Up To 25 LF, Add</i>	8.37	
			<i>For >25 To 100 LF, Add</i>	4.19	
			<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0028			KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0008)</small>		
			Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 13 00-0029			0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		
07 71 13 00-0030	LF		10" To 14" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....36.65	36.65	2.32
			<i>For Up To 25 LF, Add</i>	5.21	
			<i>For >25 To 100 LF, Add</i>	2.61	
			<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0031	LF		>14" To 16" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....39.10	39.10	2.51
			<i>For Up To 25 LF, Add</i>	5.59	
			<i>For >25 To 100 LF, Add</i>	2.79	
			<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0032	LF		>16" To 22" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....45.79	45.79	2.64
			<i>For Up To 25 LF, Add</i>	6.34	
			<i>For >25 To 100 LF, Add</i>	3.17	
			<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0033	LF		>22" To 30" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....54.86	54.86	2.89
			<i>For Up To 25 LF, Add</i>	7.42	
			<i>For >25 To 100 LF, Add</i>	3.71	
			<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0034	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats .....68.60	68.60	3.02
			<i>For Up To 25 LF, Add</i>	8.88	
			<i>For >25 To 100 LF, Add</i>	4.44	
			<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0035			0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0036 LF 10" To 14" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	39.93	2.32
<i>For Up To 25 LF, Add</i>	5.54	
<i>For >25 To 100 LF, Add</i>	2.77	
<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0037 LF >14" To 16" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.59	2.51
<i>For Up To 25 LF, Add</i>	5.94	
<i>For >25 To 100 LF, Add</i>	2.97	
<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0038 LF >16" To 22" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	49.93	2.64
<i>For Up To 25 LF, Add</i>	6.75	
<i>For >25 To 100 LF, Add</i>	3.38	
<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0039 LF >22" To 30" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	59.87	2.89
<i>For Up To 25 LF, Add</i>	7.92	
<i>For >25 To 100 LF, Add</i>	3.96	
<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0040 LF >30" To 42" Wide (Stretch-out), 0.050" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	74.95	3.02
<i>For Up To 25 LF, Add</i>	9.51	
<i>For >25 To 100 LF, Add</i>	4.76	
<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0041 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0028)</small>		
07 71 13 00-0042 LF 10" To 14" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	42.62	2.32
<i>For Up To 25 LF, Add</i>	5.81	
<i>For >25 To 100 LF, Add</i>	2.91	
<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0043 LF >14" To 16" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	45.71	2.51
<i>For Up To 25 LF, Add</i>	6.25	
<i>For >25 To 100 LF, Add</i>	3.12	
<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0044 LF >16" To 22" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	55.07	2.64
<i>For Up To 25 LF, Add</i>	7.27	
<i>For >25 To 100 LF, Add</i>	3.63	
<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0045 LF >22" To 30" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	69.09	2.89
<i>For Up To 25 LF, Add</i>	8.84	
<i>For >25 To 100 LF, Add</i>	4.42	
<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0046 LF >30" To 42" Wide (Stretch-out), 0.063" Thick, KYNAR 500® Finish, Aluminum Coping System With Galvanized Steel Cleats	89.88	3.02
<i>For Up To 25 LF, Add</i>	11.00	
<i>For >25 To 100 LF, Add</i>	5.50	
<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0047 Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0008)</small>		
<small>Note: Stretch-out width = face height + wall thickness + back leg. Coping system includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.</small>		
07 71 13 00-0048 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats <small>(07 71 13 00-0047)</small>		
07 71 13 00-0049 LF 10" To 14" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	38.62	2.32
<i>For Up To 25 LF, Add</i>	5.41	
<i>For >25 To 100 LF, Add</i>	2.71	
<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0050 LF >14" To 16" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	41.19	2.51
<i>For Up To 25 LF, Add</i>	5.80	
<i>For >25 To 100 LF, Add</i>	2.90	
<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0051 LF >16" To 22" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	48.27	2.64
<i>For Up To 25 LF, Add</i>	6.59	
<i>For >25 To 100 LF, Add</i>	3.29	
<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0052 LF >22" To 30" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	57.86	2.89
<i>For Up To 25 LF, Add</i>	7.72	
<i>For >25 To 100 LF, Add</i>	3.86	
<i>For >1,000 LF, Deduct</i>	-0.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 13 00-0053	LF		>30" To 42" Wide (Stretch-out), 0.040" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	72.41	3.02
			<i>For Up To 25 LF, Add</i>	9.26	
			<i>For >25 To 100 LF, Add</i>	4.63	
			<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0054			0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0055	LF		10" To 14" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	42.09	2.32
			<i>For Up To 25 LF, Add</i>	5.76	
			<i>For >25 To 100 LF, Add</i>	2.88	
			<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0056	LF		>14" To 16" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.89	2.51
			<i>For Up To 25 LF, Add</i>	6.17	
			<i>For >25 To 100 LF, Add</i>	3.08	
			<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0057	LF		>16" To 22" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	52.66	2.64
			<i>For Up To 25 LF, Add</i>	7.03	
			<i>For >25 To 100 LF, Add</i>	3.51	
			<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0058	LF		>22" To 30" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	63.17	2.89
			<i>For Up To 25 LF, Add</i>	8.25	
			<i>For >25 To 100 LF, Add</i>	4.12	
			<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0059	LF		>30" To 42" Wide (Stretch-out), 0.050" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	79.15	3.02
			<i>For Up To 25 LF, Add</i>	9.93	
			<i>For >25 To 100 LF, Add</i>	4.97	
			<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0060			0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats (07 71 13 00-0047)		
07 71 13 00-0061	LF		10" To 14" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	44.95	2.32
			<i>For Up To 25 LF, Add</i>	6.04	
			<i>For >25 To 100 LF, Add</i>	3.02	
			<i>For >1,000 LF, Deduct</i>	-0.39	
07 71 13 00-0062	LF		>14" To 16" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	48.20	2.51
			<i>For Up To 25 LF, Add</i>	6.50	
			<i>For >25 To 100 LF, Add</i>	3.25	
			<i>For >1,000 LF, Deduct</i>	-0.42	
07 71 13 00-0063	LF		>16" To 22" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	58.11	2.64
			<i>For Up To 25 LF, Add</i>	7.57	
			<i>For >25 To 100 LF, Add</i>	3.79	
			<i>For >1,000 LF, Deduct</i>	-0.44	
07 71 13 00-0064	LF		>22" To 30" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	72.94	2.89
			<i>For Up To 25 LF, Add</i>	9.23	
			<i>For >25 To 100 LF, Add</i>	4.61	
			<i>For >1,000 LF, Deduct</i>	-0.48	
07 71 13 00-0065	LF		>30" To 42" Wide (Stretch-out), 0.063" Thick, Clear Anodized Finish, Aluminum Coping System With Galvanized Steel Cleats	94.97	3.02
			<i>For Up To 25 LF, Add</i>	11.51	
			<i>For >25 To 100 LF, Add</i>	5.76	
			<i>For >1,000 LF, Deduct</i>	-0.50	
07 71 13 00-0066			Removal And Reinstallation Of Metal Coping (07 71 13)		
07 71 13 00-0067	LF		Removal And Reinstallation Of Metal Coping	10.59	
			<i>For Up To 25 LF, Add</i>	5.30	
			<i>For >25 To 100 LF, Add</i>	2.65	
			<i>For >1,000 LF, Deduct</i>	-1.06	
07 71 19			Manufactured Gravel Stops and Fasciae (07 71)		
07 71 19 00-0001			Gravel Stop (07 71 19)		
07 71 19 00-0002			Aluminum Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0003			Aluminum Gravel Stop (07 71 19 00-0002)		
07 71 19 00-0004			KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0005			0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0006	LF		4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop	38.55	1.83
			<i>For Up To 25 LF, Add</i>	5.98	
			<i>For >25 To 100 LF, Add</i>	2.99	
			<i>For >1,000 LF, Deduct</i>	-0.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0007 LF >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	39.59	2.15
<i>For Up To 25 LF, Add</i>	6.49	
<i>For >25 To 100 LF, Add</i>	3.25	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0008 LF >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	40.88	2.36
<i>For Up To 25 LF, Add</i>	6.96	
<i>For >25 To 100 LF, Add</i>	3.48	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0009 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0010 LF 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	40.78	1.83
<i>For Up To 25 LF, Add</i>	6.22	
<i>For >25 To 100 LF, Add</i>	3.11	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0011 LF >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	42.12	2.15
<i>For Up To 25 LF, Add</i>	6.74	
<i>For >25 To 100 LF, Add</i>	3.37	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0012 LF >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	43.55	2.36
<i>For Up To 25 LF, Add</i>	7.23	
<i>For >25 To 100 LF, Add</i>	3.62	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0013 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0014 LF 4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	43.94	1.83
<i>For Up To 25 LF, Add</i>	6.54	
<i>For >25 To 100 LF, Add</i>	3.27	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0015 LF >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	45.15	2.15
<i>For Up To 25 LF, Add</i>	7.05	
<i>For >25 To 100 LF, Add</i>	3.52	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0016 LF >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	46.92	2.36
<i>For Up To 25 LF, Add</i>	7.57	
<i>For >25 To 100 LF, Add</i>	3.78	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0017 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop (07 71 19 00-0004)		
07 71 19 00-0018 LF 4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	46.09	1.83
<i>For Up To 25 LF, Add</i>	6.75	
<i>For >25 To 100 LF, Add</i>	3.38	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0019 LF >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	47.38	2.15
<i>For Up To 25 LF, Add</i>	7.27	
<i>For >25 To 100 LF, Add</i>	3.64	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0020 LF >10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop.....	49.27	2.36
<i>For Up To 25 LF, Add</i>	7.80	
<i>For >25 To 100 LF, Add</i>	3.90	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0021 Mill Finish, Aluminum Gravel Stop (07 71 19 00-0003)		
07 71 19 00-0022 0.032" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0023 LF 4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	24.89	1.83
<i>For Up To 25 LF, Add</i>	4.63	
<i>For >25 To 100 LF, Add</i>	2.32	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0024 LF >6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	26.80	2.15
<i>For Up To 25 LF, Add</i>	5.21	
<i>For >25 To 100 LF, Add</i>	2.61	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0025 LF >10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop.....	28.74	2.36
<i>For Up To 25 LF, Add</i>	5.75	
<i>For >25 To 100 LF, Add</i>	2.88	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0026 0.040" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)		
07 71 19 00-0027 LF 4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	26.91	1.83
<i>For Up To 25 LF, Add</i>	4.84	
<i>For >25 To 100 LF, Add</i>	2.42	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0028 LF >6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	28.55	2.15
<i>For Up To 25 LF, Add</i>	5.39	
<i>For >25 To 100 LF, Add</i>	2.69	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0029 LF >10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop.....	30.08	2.36
<i>For Up To 25 LF, Add</i>	5.88	
<i>For >25 To 100 LF, Add</i>	2.94	
<i>For >1,000 LF, Deduct</i>	-0.72	

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 71	Roof Specialties

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
07 71 19 00-0030		0.050" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)			
07 71 19 00-0031	LF	4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	28.93		1.83
		For Up To 25 LF, Add	5.04		
		For >25 To 100 LF, Add	2.52		
		For >1,000 LF, Deduct	-0.54		
07 71 19 00-0032	LF	>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	30.57		2.15
		For Up To 25 LF, Add	5.59		
		For >25 To 100 LF, Add	2.79		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0033	LF	>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop	32.27		2.36
		For Up To 25 LF, Add	6.10		
		For >25 To 100 LF, Add	3.05		
		For >1,000 LF, Deduct	-0.72		
07 71 19 00-0034		0.063" Thick, Mill Finish, Aluminum Gravel Stop (07 71 19 00-0021)			
07 71 19 00-0035	LF	4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	31.12		1.83
		For Up To 25 LF, Add	5.26		
		For >25 To 100 LF, Add	2.63		
		For >1,000 LF, Deduct	-0.54		
07 71 19 00-0036	LF	>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	32.59		2.15
		For Up To 25 LF, Add	5.79		
		For >25 To 100 LF, Add	2.90		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0037	LF	>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop	33.90		2.36
		For Up To 25 LF, Add	6.27		
		For >25 To 100 LF, Add	3.13		
		For >1,000 LF, Deduct	-0.72		
07 71 19 00-0038		Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0003)			
07 71 19 00-0039		0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)			
07 71 19 00-0040	LF	4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	45.82		1.83
		For Up To 25 LF, Add	6.73		
		For >25 To 100 LF, Add	3.36		
		For >1,000 LF, Deduct	-0.54		
07 71 19 00-0041	LF	>6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	47.38		2.15
		For Up To 25 LF, Add	7.27		
		For >25 To 100 LF, Add	3.64		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0042	LF	>10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop	48.78		2.36
		For Up To 25 LF, Add	7.75		
		For >25 To 100 LF, Add	3.88		
		For >1,000 LF, Deduct	-0.72		
07 71 19 00-0043		0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)			
07 71 19 00-0044	LF	4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	48.74		1.83
		For Up To 25 LF, Add	7.02		
		For >25 To 100 LF, Add	3.51		
		For >1,000 LF, Deduct	-0.54		
07 71 19 00-0045	LF	>6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	50.42		2.15
		For Up To 25 LF, Add	7.57		
		For >25 To 100 LF, Add	3.79		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0046	LF	>10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop	51.97		2.36
		For Up To 25 LF, Add	8.07		
		For >25 To 100 LF, Add	4.04		
		For >1,000 LF, Deduct	-0.72		
07 71 19 00-0047		0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)			
07 71 19 00-0048	LF	4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	52.54		1.83
		For Up To 25 LF, Add	7.40		
		For >25 To 100 LF, Add	3.70		
		For >1,000 LF, Deduct	-0.54		
07 71 19 00-0049	LF	>6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	54.06		2.15
		For Up To 25 LF, Add	7.94		
		For >25 To 100 LF, Add	3.97		
		For >1,000 LF, Deduct	-0.63		
07 71 19 00-0050	LF	>10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.34		2.36
		For Up To 25 LF, Add	8.41		
		For >25 To 100 LF, Add	4.21		
		For >1,000 LF, Deduct	-0.72		
07 71 19 00-0051		0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop (07 71 19 00-0038)			
07 71 19 00-0052	LF	4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	55.11		1.83
		For Up To 25 LF, Add	7.66		
		For >25 To 100 LF, Add	3.83		
		For >1,000 LF, Deduct	-0.54		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0053 LF >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	56.73	2.15
<i>For Up To 25 LF, Add</i>	8.21	
<i>For >25 To 100 LF, Add</i>	4.10	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0054 LF >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop	58.11	2.36
<i>For Up To 25 LF, Add</i>	8.69	
<i>For >25 To 100 LF, Add</i>	4.34	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0055 Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0002)</small>		
Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0056 KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0055)</small>		
07 71 19 00-0057 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0056)</small>		
07 71 19 00-0058 LF 4" To 6" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	43.28	1.93
<i>For Up To 25 LF, Add</i>	6.69	
<i>For >25 To 100 LF, Add</i>	3.35	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0059 LF >6" To 10" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	45.95	2.31
<i>For Up To 25 LF, Add</i>	7.38	
<i>For >25 To 100 LF, Add</i>	3.69	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0060 LF >10" To 18" Face Height, 0.032" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	49.04	2.63
<i>For Up To 25 LF, Add</i>	8.08	
<i>For >25 To 100 LF, Add</i>	4.04	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0061 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0056)</small>		
07 71 19 00-0062 LF 4" To 6" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	45.71	1.93
<i>For Up To 25 LF, Add</i>	6.94	
<i>For >25 To 100 LF, Add</i>	3.47	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0063 LF >6" To 10" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	48.48	2.31
<i>For Up To 25 LF, Add</i>	7.64	
<i>For >25 To 100 LF, Add</i>	3.82	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0064 LF >10" To 18" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.71	2.63
<i>For Up To 25 LF, Add</i>	8.35	
<i>For >25 To 100 LF, Add</i>	4.17	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0065 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0056)</small>		
07 71 19 00-0066 LF 4" To 6" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	48.87	1.93
<i>For Up To 25 LF, Add</i>	7.25	
<i>For >25 To 100 LF, Add</i>	3.63	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0067 LF >6" To 10" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.51	2.31
<i>For Up To 25 LF, Add</i>	7.94	
<i>For >25 To 100 LF, Add</i>	3.97	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0068 LF >10" To 18" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	55.08	2.63
<i>For Up To 25 LF, Add</i>	8.68	
<i>For >25 To 100 LF, Add</i>	4.34	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0069 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0056)</small>		
07 71 19 00-0070 LF 4" To 6" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	51.02	1.93
<i>For Up To 25 LF, Add</i>	7.47	
<i>For >25 To 100 LF, Add</i>	3.73	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0071 LF >6" To 10" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat	53.74	2.31
<i>For Up To 25 LF, Add</i>	8.16	
<i>For >25 To 100 LF, Add</i>	4.08	
<i>For >1,000 LF, Deduct</i>	-0.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0072	LF		>10" To 18" Face Height, 0.063" Thick, KYNAR 500® Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.43	2.63
			<i>For Up To 25 LF, Add</i>	8.92	
			<i>For >25 To 100 LF, Add</i>	4.46	
			<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0073			Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0074			0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0075	LF		4" To 6" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	31.68	1.93
			<i>For Up To 25 LF, Add</i>	5.53	
			<i>For >25 To 100 LF, Add</i>	2.77	
			<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0076	LF		>6" To 10" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	33.85	2.31
			<i>For Up To 25 LF, Add</i>	6.17	
			<i>For >25 To 100 LF, Add</i>	3.09	
			<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0077	LF		>10" To 18" Face Height, 0.032" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	36.39	2.63
			<i>For Up To 25 LF, Add</i>	6.82	
			<i>For >25 To 100 LF, Add</i>	3.41	
			<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0078			0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0079	LF		4" To 6" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	33.36	1.93
			<i>For Up To 25 LF, Add</i>	5.70	
			<i>For >25 To 100 LF, Add</i>	2.85	
			<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0080	LF		>6" To 10" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	35.60	2.31
			<i>For Up To 25 LF, Add</i>	6.35	
			<i>For >25 To 100 LF, Add</i>	3.17	
			<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0081	LF		>10" To 18" Face Height, 0.040" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	38.24	2.63
			<i>For Up To 25 LF, Add</i>	7.00	
			<i>For >25 To 100 LF, Add</i>	3.50	
			<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0082			0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0083	LF		4" To 6" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	35.54	1.93
			<i>For Up To 25 LF, Add</i>	5.92	
			<i>For >25 To 100 LF, Add</i>	2.96	
			<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0084	LF		>6" To 10" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	37.69	2.31
			<i>For Up To 25 LF, Add</i>	6.56	
			<i>For >25 To 100 LF, Add</i>	3.28	
			<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0085	LF		>10" To 18" Face Height, 0.050" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	40.43	2.63
			<i>For Up To 25 LF, Add</i>	7.22	
			<i>For >25 To 100 LF, Add</i>	3.61	
			<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0086			0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0073)		
07 71 19 00-0087	LF		4" To 6" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	37.02	1.93
			<i>For Up To 25 LF, Add</i>	6.07	
			<i>For >25 To 100 LF, Add</i>	3.03	
			<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0088	LF		>6" To 10" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	39.23	2.31
			<i>For Up To 25 LF, Add</i>	6.71	
			<i>For >25 To 100 LF, Add</i>	3.36	
			<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0089	LF		>10" To 18" Face Height, 0.063" Thick, Mill Finish, Aluminum Gravel Stop System With Continuous Cleat.....	42.05	2.63
			<i>For Up To 25 LF, Add</i>	7.38	
			<i>For >25 To 100 LF, Add</i>	3.69	
			<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0090			Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0055)		
07 71 19 00-0091			0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat (07 71 19 00-0090)		
07 71 19 00-0092	LF		4" To 6" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	50.75	1.93
			<i>For Up To 25 LF, Add</i>	7.44	
			<i>For >25 To 100 LF, Add</i>	3.72	
			<i>For >1,000 LF, Deduct</i>	-0.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0093 LF >6" To 10" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	53.75	2.31
<i>For Up To 25 LF, Add</i>	8.16	
<i>For >25 To 100 LF, Add</i>	4.08	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0094 LF >10" To 18" Face Height, 0.032" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	56.94	2.63
<i>For Up To 25 LF, Add</i>	8.87	
<i>For >25 To 100 LF, Add</i>	4.44	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0095 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0096 LF 4" To 6" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	53.66	1.93
<i>For Up To 25 LF, Add</i>	7.73	
<i>For >25 To 100 LF, Add</i>	3.87	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0097 LF >6" To 10" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	56.79	2.31
<i>For Up To 25 LF, Add</i>	8.47	
<i>For >25 To 100 LF, Add</i>	4.23	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0098 LF >10" To 18" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.13	2.63
<i>For Up To 25 LF, Add</i>	9.19	
<i>For >25 To 100 LF, Add</i>	4.59	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0099 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0100 LF 4" To 6" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	57.46	1.93
<i>For Up To 25 LF, Add</i>	8.11	
<i>For >25 To 100 LF, Add</i>	4.06	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0101 LF >6" To 10" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.42	2.31
<i>For Up To 25 LF, Add</i>	8.83	
<i>For >25 To 100 LF, Add</i>	4.42	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0102 LF >10" To 18" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	63.49	2.63
<i>For Up To 25 LF, Add</i>	9.53	
<i>For >25 To 100 LF, Add</i>	4.76	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0103 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0090)</small>		
07 71 19 00-0104 LF 4" To 6" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	60.04	1.93
<i>For Up To 25 LF, Add</i>	8.37	
<i>For >25 To 100 LF, Add</i>	4.18	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0105 LF >6" To 10" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	63.09	2.31
<i>For Up To 25 LF, Add</i>	9.10	
<i>For >25 To 100 LF, Add</i>	4.55	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0106 LF >10" To 18" Face Height, 0.063" Thick, Clear Anodized Finish, Aluminum Gravel Stop System With Continuous Cleat.....	66.27	2.63
<i>For Up To 25 LF, Add</i>	9.80	
<i>For >25 To 100 LF, Add</i>	4.90	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0107 Stainless Steel Gravel Stop <small>(07 71 19 00-0001)</small>		
07 71 19 00-0108 Stainless Steel Gravel Stop <small>(07 71 19 00-0107)</small>		
07 71 19 00-0109 26 Gauge, Stainless Steel Gravel Stop <small>(07 71 19 00-0108)</small>		
07 71 19 00-0110 LF 4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	36.75	1.83
<i>For Up To 25 LF, Add</i>	5.82	
<i>For >25 To 100 LF, Add</i>	2.91	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0111 LF >6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	48.34	2.15
<i>For Up To 25 LF, Add</i>	7.37	
<i>For >25 To 100 LF, Add</i>	3.68	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0112 LF >10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop.....	71.86	2.36
<i>For Up To 25 LF, Add</i>	10.06	
<i>For >25 To 100 LF, Add</i>	5.03	
<i>For >1,000 LF, Deduct</i>	-0.72	

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 71	Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0113			24 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0114	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	45.85	1.83
			For Up To 25 LF, Add	6.73	
			For >25 To 100 LF, Add	3.36	
			For >1,000 LF, Deduct	-0.54	
07 71 19 00-0115	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	60.48	2.15
			For Up To 25 LF, Add	8.58	
			For >25 To 100 LF, Add	4.29	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0116	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop.....	90.07	2.36
			For Up To 25 LF, Add	11.88	
			For >25 To 100 LF, Add	5.94	
			For >1,000 LF, Deduct	-0.72	
07 71 19 00-0117			22 Gauge, Stainless Steel Gravel Stop (07 71 19 00-0108)		
07 71 19 00-0118	LF		4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	55.53	1.83
			For Up To 25 LF, Add	7.70	
			For >25 To 100 LF, Add	3.85	
			For >1,000 LF, Deduct	-0.54	
07 71 19 00-0119	LF		>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	73.38	2.15
			For Up To 25 LF, Add	9.87	
			For >25 To 100 LF, Add	4.94	
			For >1,000 LF, Deduct	-0.63	
07 71 19 00-0120	LF		>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop.....	109.42	2.36
			For Up To 25 LF, Add	13.82	
			For >25 To 100 LF, Add	6.91	
			For >1,000 LF, Deduct	-0.72	
07 71 19 00-0121			Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0107)		
			Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0122			26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0123	LF		4" To 6" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	43.46	1.93
			For Up To 25 LF, Add	6.71	
			For >25 To 100 LF, Add	3.36	
			For >1,000 LF, Deduct	-0.59	
07 71 19 00-0124	LF		>6" To 10" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	57.04	2.31
			For Up To 25 LF, Add	8.49	
			For >25 To 100 LF, Add	4.25	
			For >1,000 LF, Deduct	-0.70	
07 71 19 00-0125	LF		>10" To 18" Face Height, 26 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	83.05	2.63
			For Up To 25 LF, Add	11.48	
			For >25 To 100 LF, Add	5.74	
			For >1,000 LF, Deduct	-0.79	
07 71 19 00-0126			24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0127	LF		4" To 6" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	52.57	1.93
			For Up To 25 LF, Add	7.62	
			For >25 To 100 LF, Add	3.81	
			For >1,000 LF, Deduct	-0.59	
07 71 19 00-0128	LF		>6" To 10" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	69.18	2.31
			For Up To 25 LF, Add	9.71	
			For >25 To 100 LF, Add	4.85	
			For >1,000 LF, Deduct	-0.70	
07 71 19 00-0129	LF		>10" To 18" Face Height, 24 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	101.25	2.63
			For Up To 25 LF, Add	13.30	
			For >25 To 100 LF, Add	6.65	
			For >1,000 LF, Deduct	-0.79	
07 71 19 00-0130			22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat (07 71 19 00-0121)		
07 71 19 00-0131	LF		4" To 6" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	62.24	1.93
			For Up To 25 LF, Add	8.59	
			For >25 To 100 LF, Add	4.29	
			For >1,000 LF, Deduct	-0.59	
07 71 19 00-0132	LF		>6" To 10" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	82.08	2.31
			For Up To 25 LF, Add	11.00	
			For >25 To 100 LF, Add	5.50	
			For >1,000 LF, Deduct	-0.70	
07 71 19 00-0133	LF		>10" To 18" Face Height, 22 Gauge, Stainless Steel Gravel Stop System With Continuous Cleat.....	120.60	2.63
			For Up To 25 LF, Add	15.24	
			For >25 To 100 LF, Add	7.62	
			For >1,000 LF, Deduct	-0.79	
07 71 19 00-0134			Galvanized Steel Gravel Stop (07 71 19 00-0001)		
07 71 19 00-0135			Galvanized Steel Gravel Stop (07 71 19 00-0134)		
07 71 19 00-0136			KYNAR 500® Finish, Galvanized Steel Gravel Stop (07 71 19 00-0135)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0137 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop <small>(07 71 19 00-0136)</small>		
07 71 19 00-0138 LF 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	35.15	1.83
<i>For Up To 25 LF, Add</i>	5.66	
<i>For >25 To 100 LF, Add</i>	2.83	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0139 LF >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	36.33	2.15
<i>For Up To 25 LF, Add</i>	6.17	
<i>For >25 To 100 LF, Add</i>	3.08	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0140 LF >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop.....	37.78	2.36
<i>For Up To 25 LF, Add</i>	6.65	
<i>For >25 To 100 LF, Add</i>	3.33	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0141 Galvanized Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0134)</small>		
<small>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.</small>		
07 71 19 00-0142 KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0141)</small>		
07 71 19 00-0143 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0142)</small>		
07 71 19 00-0144 LF 4" To 6" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	40.22	1.93
<i>For Up To 25 LF, Add</i>	6.39	
<i>For >25 To 100 LF, Add</i>	3.19	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0145 LF >6" To 10" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	42.88	2.31
<i>For Up To 25 LF, Add</i>	7.08	
<i>For >25 To 100 LF, Add</i>	3.54	
<i>For >1,000 LF, Deduct</i>	-0.70	
07 71 19 00-0146 LF >10" To 18" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Gravel Stop System With Continuous Cleat.....	46.18	2.63
<i>For Up To 25 LF, Add</i>	7.79	
<i>For >25 To 100 LF, Add</i>	3.90	
<i>For >1,000 LF, Deduct</i>	-0.79	
07 71 19 00-0147 Copper Gravel Stop <small>(07 71 19 00-0001)</small>		
07 71 19 00-0148 Copper Gravel Stop <small>(07 71 19 00-0147)</small>		
07 71 19 00-0149 20 Ounce, Copper Gravel Stop <small>(07 71 19 00-0148)</small>		
07 71 19 00-0150 LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop.....	59.07	1.83
<i>For Up To 25 LF, Add</i>	8.05	
<i>For >25 To 100 LF, Add</i>	4.03	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0151 LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop.....	67.63	2.15
<i>For Up To 25 LF, Add</i>	9.30	
<i>For >25 To 100 LF, Add</i>	4.65	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0152 LF >10" To 18" Face Height, 20 Ounce, Copper Gravel Stop.....	78.14	2.36
<i>For Up To 25 LF, Add</i>	10.69	
<i>For >25 To 100 LF, Add</i>	5.35	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0153 16 Ounce, Copper Gravel Stop <small>(07 71 19 00-0148)</small>		
07 71 19 00-0154 LF 4" To 6" Face Height, 16 Ounce, Copper Gravel Stop.....	71.81	1.83
<i>For Up To 25 LF, Add</i>	9.33	
<i>For >25 To 100 LF, Add</i>	4.66	
<i>For >1,000 LF, Deduct</i>	-0.54	
07 71 19 00-0155 LF >6" To 10" Face Height, 16 Ounce, Copper Gravel Stop.....	83.20	2.15
<i>For Up To 25 LF, Add</i>	10.85	
<i>For >25 To 100 LF, Add</i>	5.43	
<i>For >1,000 LF, Deduct</i>	-0.63	
07 71 19 00-0156 LF >10" To 18" Face Height, 16 Ounce, Copper Gravel Stop.....	95.13	2.36
<i>For Up To 25 LF, Add</i>	12.39	
<i>For >25 To 100 LF, Add</i>	6.19	
<i>For >1,000 LF, Deduct</i>	-0.72	
07 71 19 00-0157 Copper Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0147)</small>		
<small>Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.</small>		
07 71 19 00-0158 20 Ounce, Copper Gravel Stop System With Continuous Cleat <small>(07 71 19 00-0157)</small>		
07 71 19 00-0159 LF 4" To 6" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	61.46	1.93
<i>For Up To 25 LF, Add</i>	8.51	
<i>For >25 To 100 LF, Add</i>	4.26	
<i>For >1,000 LF, Deduct</i>	-0.59	
07 71 19 00-0160 LF >6" To 10" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat.....	70.68	2.31
<i>For Up To 25 LF, Add</i>	9.86	
<i>For >25 To 100 LF, Add</i>	4.93	
<i>For >1,000 LF, Deduct</i>	-0.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0161	LF		>10" To 18" Face Height, 20 Ounce, Copper Gravel Stop System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	82.01 11.38 5.69 -0.79	2.63
07 71 19 00-0162			16 Ounce, Copper Gravel Stop System With Continuous Cleat (07 71 19 00-0157)		
07 71 19 00-0163	LF		4" To 6" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	74.20 9.78 4.89 -0.59	1.93
07 71 19 00-0164	LF		>6" To 10" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	86.25 11.41 5.71 -0.70	2.31
07 71 19 00-0165	LF		>10" To 18" Face Height, 16 Ounce, Copper Gravel Stop System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	99.00 13.08 6.54 -0.79	2.63
07 71 19 00-0166			Fascia (07 71 19)		
07 71 19 00-0167			Snap-On Cover Fascia (07 71 19 00-0166) Note: Includes matching joint splice plate, galvanized steel cleats and stainless steel fasteners.		
07 71 19 00-0168			Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0169			KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0168)		
07 71 19 00-0170			24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia (07 71 19 00-0169)		
07 71 19 00-0171	LF		3" To 5" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	43.06 6.45 3.23 -0.54	2.68
07 71 19 00-0172	LF		>5" To 7" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	48.48 7.08 3.54 -0.56	2.79
07 71 19 00-0173	LF		>7" To 9" Face Height, 24 Gauge, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	51.94 7.51 3.76 -0.58	2.89
07 71 19 00-0174			Accessories For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0169)		
07 71 19 00-0175			Fascia Sumps For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0176	EA		Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	302.09	3.76
07 71 19 00-0177	EA		Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	322.70	3.76
07 71 19 00-0178	EA		Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	335.64	3.76
07 71 19 00-0179			Fascia Spillout Scuppers For KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems (07 71 19 00-0174)		
07 71 19 00-0180	EA		Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	245.97	3.76
07 71 19 00-0181	EA		Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	256.37	3.76
07 71 19 00-0182	EA		Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Galvanized Steel Snap-On Cover Fascia Systems	262.71	3.76
07 71 19 00-0183			Aluminum Snap-On Cover Fascia (07 71 19 00-0167)		
07 71 19 00-0184			KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0185			0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0186	LF		3" To 5" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	23.57 4.50 2.25 -0.54	2.68
07 71 19 00-0187	LF		>5" To 7" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat <i>For Up To 25 LF, Add</i> <i>For >25 To 100 LF, Add</i> <i>For >1,000 LF, Deduct</i>	26.66 4.90 2.45 -0.56	2.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0188 LF >7" To 9" Face Height, 0.040" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	28.29	2.89
For Up To 25 LF, Add	5.15	
For >25 To 100 LF, Add	2.57	
For >1,000 LF, Deduct	-0.58	
07 71 19 00-0189 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0184)		
07 71 19 00-0190 LF 3" To 5" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	24.76	2.68
For Up To 25 LF, Add	4.62	
For >25 To 100 LF, Add	2.31	
For >1,000 LF, Deduct	-0.54	
07 71 19 00-0191 LF >5" To 7" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	28.19	2.79
For Up To 25 LF, Add	5.05	
For >25 To 100 LF, Add	2.53	
For >1,000 LF, Deduct	-0.56	
07 71 19 00-0192 LF >7" To 9" Face Height, 0.050" Thick, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	30.01	2.89
For Up To 25 LF, Add	5.32	
For >25 To 100 LF, Add	2.66	
For >1,000 LF, Deduct	-0.58	
07 71 19 00-0193 Accessories For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0184)		
07 71 19 00-0194 Fascia Sumps For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0195 EA Fascia Sump For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	152.39	3.76
07 71 19 00-0196 EA Fascia Sump For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	165.26	3.76
07 71 19 00-0197 EA Fascia Sump For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	170.89	3.76
07 71 19 00-0198 Fascia Spillout Scuppers For KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0193)		
07 71 19 00-0199 EA Fascia Spillout Scupper For 3" To 5" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	120.67	3.76
07 71 19 00-0200 EA Fascia Spillout Scupper For >5" To 7" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	127.08	3.76
07 71 19 00-0201 EA Fascia Spillout Scupper For >7" To 9" Face Height, KYNAR 500® Finish, Aluminum Snap-On Cover Fascia Systems.....	129.89	3.76
07 71 19 00-0202 Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0183)		
07 71 19 00-0203 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0204 LF 3" To 5" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	27.21	2.68
For Up To 25 LF, Add	4.87	
For >25 To 100 LF, Add	2.43	
For >1,000 LF, Deduct	-0.54	
07 71 19 00-0205 LF >5" To 7" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	30.87	2.79
For Up To 25 LF, Add	5.32	
For >25 To 100 LF, Add	2.66	
For >1,000 LF, Deduct	-0.56	
07 71 19 00-0206 LF >7" To 9" Face Height, 0.040" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	32.79	2.89
For Up To 25 LF, Add	5.60	
For >25 To 100 LF, Add	2.80	
For >1,000 LF, Deduct	-0.58	
07 71 19 00-0207 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat (07 71 19 00-0202)		
07 71 19 00-0208 LF 3" To 5" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	28.64	2.68
For Up To 25 LF, Add	5.01	
For >25 To 100 LF, Add	2.50	
For >1,000 LF, Deduct	-0.54	
07 71 19 00-0209 LF >5" To 7" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	32.71	2.79
For Up To 25 LF, Add	5.50	
For >25 To 100 LF, Add	2.75	
For >1,000 LF, Deduct	-0.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 19 00-0210	LF		>7" To 9" Face Height, 0.050" Thick, Clear Anodized Finish, Aluminum Snap-On Cover Fascia System With Continuous Cleat.....	34.85	2.89
			<i>For Up To 25 LF, Add</i>	5.81	
			<i>For >25 To 100 LF, Add</i>	2.90	
			<i>For >1,000 LF, Deduct</i>	-0.58	
07 71 19 00-0211			Accessories For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0202)		
07 71 19 00-0212			Fascia Sumps For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0213	EA		Fascia Sump For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	188.62	3.76
07 71 19 00-0214	EA		Fascia Sump For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	204.70	3.76
07 71 19 00-0215	EA		Fascia Sump For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	211.73	3.76
07 71 19 00-0216			Fascia Spillout Scuppers For Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems (07 71 19 00-0211)		
07 71 19 00-0217	EA		Fascia Spillout Scupper For 3" To 5" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	148.96	3.76
07 71 19 00-0218	EA		Fascia Spillout Scupper For >5" To 7" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	156.98	3.76
07 71 19 00-0219	EA		Fascia Spillout Scupper For >7" To 9" Face Height, Clear Anodized Finish, Aluminum Snap-On Cover Fascia Systems.....	160.48	3.76
07 71 23			Manufactured Gutters and Downspouts (07 71)		
			Note: Includes all necessary support straps.		
07 71 23 00-0001			Aluminum Gutters And Downspouts (07 71 23)		
07 71 23 00-0002			Aluminum Gutters (07 71 23 00-0001)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0003			K-Style Aluminum Gutters (07 71 23 00-0002)		
07 71 23 00-0004	LF		5", 0.027" Thick, K-Style Aluminum Gutter.....	12.32	5.64
			<i>For Up To 100', Add</i>	2.63	
			<i>For >100' To 250', Add</i>	1.08	
			<i>For >1,000', Deduct</i>	-0.93	
			<i>For Kynar 500® Finish, Add</i>	1.36	
07 71 23 00-0005	LF		6", 0.027" Thick, K-Style Aluminum Gutter.....	13.61	5.94
			<i>For Up To 100', Add</i>	2.82	
			<i>For >100' To 250', Add</i>	1.17	
			<i>For >1,000', Deduct</i>	-0.98	
			<i>For Kynar 500® Finish, Add</i>	1.74	
07 71 23 00-0006	LF		5", 0.032" Thick, K-Style Aluminum Gutter.....	12.76	5.64
			<i>For Up To 100', Add</i>	2.67	
			<i>For >100' To 250', Add</i>	1.10	
			<i>For >1,000', Deduct</i>	-0.93	
			<i>For Kynar 500® Finish, Add</i>	1.56	
07 71 23 00-0007	LF		6", 0.032" Thick, K-Style Aluminum Gutter.....	14.17	5.94
			<i>For Up To 100', Add</i>	2.88	
			<i>For >100' To 250', Add</i>	1.20	
			<i>For >1,000', Deduct</i>	-0.98	
			<i>For Kynar 500® Finish, Add</i>	1.99	
07 71 23 00-0008	LF		7", 0.032" Thick, K-Style Aluminum Gutter.....	24.78	6.25
			<i>For Up To 100', Add</i>	4.05	
			<i>For >100' To 250', Add</i>	1.76	
			<i>For >1,000', Deduct</i>	-1.05	
			<i>For Kynar 500® Finish, Add</i>	6.42	
07 71 23 00-0009	LF		8", 0.032" Thick, K-Style Aluminum Gutter.....	27.18	7.01
			<i>For Up To 100', Add</i>	4.46	
			<i>For >100' To 250', Add</i>	1.94	
			<i>For >1,000', Deduct</i>	-1.16	
			<i>For Kynar 500® Finish, Add</i>	7.02	
07 71 23 00-0010	LF		8", 0.040" Thick, K-Style Aluminum Gutter.....	30.19	7.01
			<i>For Up To 100', Add</i>	4.76	
			<i>For >100' To 250', Add</i>	2.09	
			<i>For >1,000', Deduct</i>	-1.16	
			<i>For Kynar 500® Finish, Add</i>	8.37	
07 71 23 00-0011			Half Round Aluminum Gutters (07 71 23 00-0002)		
07 71 23 00-0012	LF		5", 0.027" Thick, Half Round Aluminum Gutter.....	21.04	5.64
			<i>For Up To 100', Add</i>	3.50	
			<i>For >100' To 250', Add</i>	1.52	
			<i>For >1,000', Deduct</i>	-0.93	
			<i>For Kynar 500® Finish, Add</i>	5.28	
07 71 23 00-0013	LF		6", 0.032" Thick, Half Round Aluminum Gutter.....	25.04	5.94
			<i>For Up To 100', Add</i>	3.97	
			<i>For >100' To 250', Add</i>	1.74	
			<i>For >1,000', Deduct</i>	-0.98	
			<i>For Kynar 500® Finish, Add</i>	6.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0014 Box Style Aluminum Gutters (07 71 23 00-0002)		
07 71 23 00-0015 LF 6", 0.027" Thick, Box Style Aluminum Gutter.....	22.48	7.01
For Up To 100', Add	3.99	
For >100' To 250', Add	1.70	
For >1,000', Deduct	-1.16	
For Kynar 500® Finish, Add	4.91	
07 71 23 00-0016 LF 6", 0.032" Thick, Box Style Aluminum Gutter.....	22.53	7.01
For Up To 100', Add	3.99	
For >100' To 250', Add	1.71	
For >1,000', Deduct	-1.16	
For Kynar 500® Finish, Add	4.93	
07 71 23 00-0017 LF 7", 0.032" Thick, Box Style Aluminum Gutter.....	25.99	7.47
For Up To 100', Add	4.45	
For >100' To 250', Add	1.92	
For >1,000', Deduct	-1.23	
For Kynar 500® Finish, Add	6.14	
07 71 23 00-0018 LF 8", 0.032" Thick, Box Style Aluminum Gutter.....	29.18	7.92
For Up To 100', Add	4.88	
For >100' To 250', Add	2.11	
For >1,000', Deduct	-1.31	
For Kynar 500® Finish, Add	7.23	
07 71 23 00-0019 Aluminum Gutter End Caps (07 71 23 00-0001)		
07 71 23 00-0020 K-Style, Aluminum Gutter End Caps (07 71 23 00-0019)		
07 71 23 00-0021 EA 5", K-Style Aluminum Gutter End Cap	4.10	
For Kynar 500® Finish, Add	0.47	
07 71 23 00-0022 EA 6", K-Style Aluminum Gutter End Cap	4.95	
For Kynar 500® Finish, Add	0.86	
07 71 23 00-0023 EA 7", K-Style Aluminum Gutter End Cap	10.15	
For Kynar 500® Finish, Add	3.20	
07 71 23 00-0024 EA 8", K-Style Aluminum Gutter End Cap	11.74	
For Kynar 500® Finish, Add	3.91	
07 71 23 00-0025 Half Round, Aluminum Gutter End Caps (07 71 23 00-0019)		
07 71 23 00-0026 EA 5", Half Round Aluminum Gutter End Cap.....	6.28	
For Kynar 500® Finish, Add	1.45	
07 71 23 00-0027 EA 6", Half Round Aluminum Gutter End Cap.....	9.44	
For Kynar 500® Finish, Add	2.88	
07 71 23 00-0028 Box Style, Aluminum Gutter End Caps (07 71 23 00-0019)		
07 71 23 00-0029 EA 6", Box Style Aluminum Gutter End Cap.....	11.02	
For Kynar 500® Finish, Add	3.59	
07 71 23 00-0030 EA 7", Box Style Aluminum Gutter End Cap.....	11.93	
For Kynar 500® Finish, Add	4.00	
07 71 23 00-0031 EA 8", Box Style Aluminum Gutter End Cap.....	13.92	
For Kynar 500® Finish, Add	4.89	
07 71 23 00-0032 Aluminum Gutter Miters (07 71 23 00-0001)		
Note: Inside or outside miters.		
07 71 23 00-0033 K-Style, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0034 EA 5", K-Style Aluminum Gutter Miter	23.70	
For Kynar 500® Finish, Add	3.74	
07 71 23 00-0035 EA 6", K-Style Aluminum Gutter Miter	30.84	
For Kynar 500® Finish, Add	6.47	
07 71 23 00-0036 EA 7", K-Style Aluminum Gutter Miter	86.74	
For Kynar 500® Finish, Add	31.15	
07 71 23 00-0037 EA 8", K-Style Aluminum Gutter Miter	94.11	
For Kynar 500® Finish, Add	33.91	
07 71 23 00-0038 Half Round, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0039 EA 5", Half Round Aluminum Gutter Miter.....	38.95	
For Kynar 500® Finish, Add	10.60	
07 71 23 00-0040 EA 6", Half Round Aluminum Gutter Miter.....	59.85	
For Kynar 500® Finish, Add	19.53	
07 71 23 00-0041 Box Style, Aluminum Gutter Miters (07 71 23 00-0032)		
07 71 23 00-0042 EA 6", Box Style Aluminum Gutter Miter.....	70.70	
For Kynar 500® Finish, Add	24.41	
07 71 23 00-0043 EA 7", Box Style Aluminum Gutter Miter.....	104.05	
For Kynar 500® Finish, Add	38.94	
07 71 23 00-0044 EA 8", Box Style Aluminum Gutter Miter.....	112.95	
For Kynar 500® Finish, Add	42.39	
07 71 23 00-0045 Aluminum Gutter Wire Strainers (07 71 23 00-0001)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0046	EA		3" Diameter, Round Aluminum Wire Strainer.....	17.00	3.81
			<i>For Kynar 500® Finish, Add</i>	4.08	
			<i>For 0.024" Thick, Add</i>	1.27	
			<i>For 0.027" Thick, Add</i>	2.63	
			<i>For 0.031" Thick, Add</i>	3.81	
07 71 23 00-0047	EA		4" Diameter, Round Aluminum Wire Strainer.....	24.63	3.81
			<i>For Kynar 500® Finish, Add</i>	7.51	
			<i>For 0.024" Thick, Add</i>	2.34	
			<i>For 0.027" Thick, Add</i>	4.84	
			<i>For 0.031" Thick, Add</i>	7.01	
07 71 23 00-0048			Aluminum Downspouts (07 71 23 00-0001)		
			Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0049			Round Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0050	LF		3" Diameter, 0.019" Thick, Round Aluminum Downspout.....	8.10	3.66
			<i>For Up To 100', Add</i>	1.40	
			<i>For >100 To 250', Add</i>	0.60	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	1.86	
			<i>For 0.024" Thick, Add</i>	0.58	
			<i>For 0.027" Thick, Add</i>	1.20	
			<i>For 0.031" Thick, Add</i>	1.74	
07 71 23 00-0051	LF		4" Diameter, 0.019" Thick, Round Aluminum Downspout.....	9.07	3.66
			<i>For Up To 100', Add</i>	1.50	
			<i>For >100 To 250', Add</i>	0.65	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	2.30	
			<i>For 0.024" Thick, Add</i>	0.72	
			<i>For 0.027" Thick, Add</i>	1.48	
			<i>For 0.031" Thick, Add</i>	2.15	
07 71 23 00-0052			Rectangular Aluminum Downspouts (07 71 23 00-0048)		
07 71 23 00-0053	LF		2" x 3", 0.019" Thick, Rectangular Aluminum Downspout.....	6.08	3.66
			<i>For Up To 100', Add</i>	1.20	
			<i>For >100 To 250', Add</i>	0.50	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	0.95	
			<i>For 0.024" Thick, Add</i>	0.30	
			<i>For 0.027" Thick, Add</i>	0.61	
			<i>For 0.031" Thick, Add</i>	0.89	
07 71 23 00-0054	LF		3" x 4", 0.019" Thick, Rectangular Aluminum Downspout.....	7.32	3.66
			<i>For Up To 100', Add</i>	1.33	
			<i>For >100 To 250', Add</i>	0.56	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	1.51	
			<i>For 0.024" Thick, Add</i>	0.47	
			<i>For 0.027" Thick, Add</i>	0.97	
			<i>For 0.031" Thick, Add</i>	1.41	
07 71 23 00-0055	LF		4" x 5", 0.019" Thick, Rectangular Aluminum Downspout.....	12.52	3.66
			<i>For Up To 100', Add</i>	1.85	
			<i>For >100 To 250', Add</i>	0.82	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	3.85	
			<i>For 0.024" Thick, Add</i>	1.20	
			<i>For 0.027" Thick, Add</i>	2.48	
			<i>For 0.031" Thick, Add</i>	3.60	
07 71 23 00-0056			Aluminum Devices (07 71 23 00-0001)		
07 71 23 00-0057	EA		Thru-Wall Aluminum Scupper Outlet.....	250.30	24.14
			<i>For Kynar 500® Finish, Add</i>	76.41	
07 71 23 00-0058	EA		Aluminum Leader/Conductor Head.....	233.95	26.83
			<i>For Kynar 500® Finish, Add</i>	81.14	
07 71 23 00-0059			Copper Gutters And Downspouts (07 71 23)		
07 71 23 00-0060			Copper Gutters (07 71 23 00-0059)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0061			K-Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0062	LF		4", 16 Ounce, K-Style Copper Gutter.....	20.51	5.34
			<i>For Up To 100', Add</i>	3.38	
			<i>For >100' To 250', Add</i>	1.47	
			<i>For >1,000', Deduct</i>	-0.88	
07 71 23 00-0063	LF		5", 16 Ounce, K-Style Copper Gutter.....	28.25	5.64
			<i>For Up To 100', Add</i>	4.22	
			<i>For >100' To 250', Add</i>	1.88	
			<i>For >1,000', Deduct</i>	-0.93	
07 71 23 00-0064	LF		6", 16 Ounce, K-Style Copper Gutter.....	33.36	5.94
			<i>For Up To 100', Add</i>	4.80	
			<i>For >100' To 250', Add</i>	2.16	
			<i>For >1,000', Deduct</i>	-0.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0065 LF 5", 20 Ounce, K-Style Copper Gutter.....	35.07	5.64
<i>For Up To 100', Add</i>	4.90	
<i>For >100' To 250', Add</i>	2.22	
<i>For >1,000', Deduct</i>	-0.93	
07 71 23 00-0066 LF 6", 20 Ounce, K-Style Copper Gutter.....	43.01	5.94
<i>For Up To 100', Add</i>	5.76	
<i>For >100' To 250', Add</i>	2.64	
<i>For >1,000', Deduct</i>	-0.98	
07 71 23 00-0067 LF 7", 20 Ounce, K-Style Copper Gutter.....	49.98	6.25
<i>For Up To 100', Add</i>	6.57	
<i>For >100' To 250', Add</i>	3.02	
<i>For >1,000', Deduct</i>	-1.05	
07 71 23 00-0068 LF 8", 20 Ounce, K-Style Copper Gutter.....	55.54	7.01
<i>For Up To 100', Add</i>	7.29	
<i>For >100' To 250', Add</i>	3.36	
<i>For >1,000', Deduct</i>	-1.16	
07 71 23 00-0069 Half Round Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0070 LF 5", 16 Ounce, Half Round Copper Gutter	24.71	5.64
<i>For Up To 100', Add</i>	3.87	
<i>For >100' To 250', Add</i>	1.70	
<i>For >1,000', Deduct</i>	-0.93	
07 71 23 00-0071 LF 6", 16 Ounce, Half Round Copper Gutter	30.72	5.94
<i>For Up To 100', Add</i>	4.53	
<i>For >100' To 250', Add</i>	2.02	
<i>For >1,000', Deduct</i>	-0.98	
07 71 23 00-0072 LF 7", 16 Ounce, Half Round Copper Gutter	49.99	6.25
<i>For Up To 100', Add</i>	6.58	
<i>For >100' To 250', Add</i>	3.03	
<i>For >1,000', Deduct</i>	-1.05	
07 71 23 00-0073 LF 5", 20 Ounce, Half Round Copper Gutter	28.43	5.64
<i>For Up To 100', Add</i>	4.24	
<i>For >100' To 250', Add</i>	1.89	
<i>For >1,000', Deduct</i>	-0.93	
07 71 23 00-0074 LF 6", 20 Ounce, Half Round Copper Gutter	34.67	5.94
<i>For Up To 100', Add</i>	4.93	
<i>For >100' To 250', Add</i>	2.22	
<i>For >1,000', Deduct</i>	-0.98	
07 71 23 00-0075 LF 7", 20 Ounce, Half Round Copper Gutter	52.40	6.25
<i>For Up To 100', Add</i>	6.82	
<i>For >100' To 250', Add</i>	3.15	
<i>For >1,000', Deduct</i>	-1.05	
07 71 23 00-0076 LF 8", 20 Ounce, Half Round Copper Gutter	59.44	7.01
<i>For Up To 100', Add</i>	7.68	
<i>For >100' To 250', Add</i>	3.55	
<i>For >1,000', Deduct</i>	-1.16	
07 71 23 00-0077 Box Style Copper Gutters (07 71 23 00-0060)		
07 71 23 00-0078 LF 5", 16 Ounce, Box Style Copper Gutter	28.36	6.40
<i>For Up To 100', Add</i>	4.44	
<i>For >100' To 250', Add</i>	1.95	
<i>For >1,000', Deduct</i>	-1.07	
07 71 23 00-0079 LF 6", 16 Ounce, Box Style Copper Gutter	30.49	7.01
<i>For Up To 100', Add</i>	4.79	
<i>For >100' To 250', Add</i>	2.10	
<i>For >1,000', Deduct</i>	-1.16	
07 71 23 00-0080 LF 7", 16 Ounce, Box Style Copper Gutter	36.54	7.47
<i>For Up To 100', Add</i>	5.51	
<i>For >100' To 250', Add</i>	2.44	
<i>For >1,000', Deduct</i>	-1.23	
07 71 23 00-0081 LF 8", 16 Ounce, Box Style Copper Gutter	37.45	7.92
<i>For Up To 100', Add</i>	5.71	
<i>For >100' To 250', Add</i>	2.53	
<i>For >1,000', Deduct</i>	-1.31	
07 71 23 00-0082 LF 5", 20 Ounce, Box Style Copper Gutter	31.99	6.40
<i>For Up To 100', Add</i>	4.80	
<i>For >100' To 250', Add</i>	2.13	
<i>For >1,000', Deduct</i>	-1.07	
07 71 23 00-0083 LF 6", 20 Ounce, Box Style Copper Gutter	34.13	7.01
<i>For Up To 100', Add</i>	5.15	
<i>For >100' To 250', Add</i>	2.29	
<i>For >1,000', Deduct</i>	-1.16	
07 71 23 00-0084 LF 7", 20 Ounce, Box Style Copper Gutter	40.17	7.47
<i>For Up To 100', Add</i>	5.87	
<i>For >100' To 250', Add</i>	2.63	
<i>For >1,000', Deduct</i>	-1.23	
07 71 23 00-0085 LF 8", 20 Ounce, Box Style Copper Gutter	41.08	7.92
<i>For Up To 100', Add</i>	6.07	
<i>For >100' To 250', Add</i>	2.71	
<i>For >1,000', Deduct</i>	-1.31	
07 71 23 00-0086 Copper Gutter End Caps (07 71 23 00-0059)		
07 71 23 00-0087 K-Style, Copper Gutter End Caps (07 71 23 00-0086)		

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 71	Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0088	EA		4", K-Style Copper Gutter End Cap	7.07	
07 71 23 00-0089	EA		5", K-Style Copper Gutter End Cap	7.52	
07 71 23 00-0090	EA		6", K-Style Copper Gutter End Cap	7.96	
07 71 23 00-0091	EA		7", K-Style Copper Gutter End Cap	19.86	
07 71 23 00-0092	EA		8", K-Style Copper Gutter End Cap	24.04	
07 71 23 00-0093			Half Round, Copper Gutter End Caps (07 71 23 00-0086)		
07 71 23 00-0094	EA		4", Half Round Copper Gutter End Cap	8.39	
07 71 23 00-0095	EA		5", Half Round Copper Gutter End Cap	9.33	
07 71 23 00-0096	EA		6", Half Round Copper Gutter End Cap	13.69	
07 71 23 00-0097	EA		7", Half Round Copper Gutter End Cap	39.62	
07 71 23 00-0098	EA		8", Half Round Copper Gutter End Cap	46.65	
07 71 23 00-0099			Box Style, Copper Gutter End Caps (07 71 23 00-0086)		
07 71 23 00-0100	EA		5", Box Style Copper Gutter End Cap	15.40	
07 71 23 00-0101	EA		6", Box Style Copper Gutter End Cap	16.13	
07 71 23 00-0102	EA		7", Box Style Copper Gutter End Cap	16.86	
07 71 23 00-0103	EA		8", Box Style Copper Gutter End Cap	18.31	
07 71 23 00-0104			Copper Gutter Miters (07 71 23 00-0059)		
			Note: Inside or outside miters.		
07 71 23 00-0105			K-Style, Copper Gutter Miters (07 71 23 00-0104)		
07 71 23 00-0106	EA		4", K-Style Copper Gutter Miter	44.14	
07 71 23 00-0107	EA		5", K-Style Copper Gutter Miter	49.79	
07 71 23 00-0108	EA		6", K-Style Copper Gutter Miter	70.21	
07 71 23 00-0109	EA		7", K-Style Copper Gutter Miter	97.84	
07 71 23 00-0110	EA		8", K-Style Copper Gutter Miter	114.33	
07 71 23 00-0111			Half Round, Copper Gutter Miters (07 71 23 00-0104)		
07 71 23 00-0112	EA		4", Half Round Copper Gutter Miter	66.87	
07 71 23 00-0113	EA		5", Half Round Copper Gutter Miter	62.39	
07 71 23 00-0114	EA		6", Half Round Copper Gutter Miter	88.43	
07 71 23 00-0115	EA		7", Half Round Copper Gutter Miter	104.91	
07 71 23 00-0116	EA		8", Half Round Copper Gutter Miter	123.48	
07 71 23 00-0117			Box Style, Copper Gutter Miters (07 71 23 00-0104)		
07 71 23 00-0118	EA		5", 16 Ounce Box Style Copper Gutter Miter	73.45	
07 71 23 00-0119	EA		6", 16 Ounce Box Style Copper Gutter Miter	75.97	
07 71 23 00-0120	EA		7", 16 Ounce Box Style Copper Gutter Miter	82.84	
07 71 23 00-0121	EA		8", 16 Ounce Box Style Copper Gutter Miter	84.74	
07 71 23 00-0122	EA		5", 20 Ounce Box Style Copper Gutter Miter	80.71	
07 71 23 00-0123	EA		6", 20 Ounce Box Style Copper Gutter Miter	83.24	
07 71 23 00-0124	EA		7", 20 Ounce Box Style Copper Gutter Miter	90.11	
07 71 23 00-0125	EA		8", 20 Ounce Box Style Copper Gutter Miter	98.60	
07 71 23 00-0126			Copper Gutter Wire Strainers (07 71 23 00-0059)		
07 71 23 00-0127	EA		2" Diameter, Round Copper Wire Strainer	21.65	3.81
07 71 23 00-0128	EA		3" Diameter, Round Copper Wire Strainer	26.15	3.81
07 71 23 00-0129	EA		4" Diameter, Round Copper Wire Strainer	40.85	3.81
07 71 23 00-0130	EA		5" Diameter, Round Copper Wire Strainer	53.65	3.81
07 71 23 00-0131	EA		6" Diameter, Round Copper Wire Strainer	64.38	3.81
07 71 23 00-0132			Copper Downspouts (07 71 23 00-0059)		
			Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0133			Round Copper Downspouts (07 71 23 00-0132)		
07 71 23 00-0134	LF		2" Diameter, 16 Ounce, Round Copper Downspout	27.00	3.66
			For Up To 100', Add	3.29	
			For >100 To 250', Add	1.55	
			For >1,000', Deduct	-0.40	
07 71 23 00-0135	LF		3" Diameter, 16 Ounce, Round Copper Downspout	19.14	3.66
			For Up To 100', Add	2.51	
			For >100 To 250', Add	1.16	
			For >1,000', Deduct	-0.40	
07 71 23 00-0136	LF		4" Diameter, 16 Ounce, Round Copper Downspout	23.84	3.66
			For Up To 100', Add	2.98	
			For >100 To 250', Add	1.39	
			For >1,000', Deduct	-0.40	
07 71 23 00-0137	LF		5" Diameter, 16 Ounce, Round Copper Downspout	37.45	3.66
			For Up To 100', Add	4.34	
			For >100 To 250', Add	2.07	
			For >1,000', Deduct	-0.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0138 LF 6" Diameter, 16 Ounce, Round Copper Downspout	47.84	3.66
<i>For Up To 100', Add</i>	5.38	
<i>For >100 To 250', Add</i>	2.59	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0139 LF 3" Diameter, 20 Ounce, Round Copper Downspout	25.51	3.66
<i>For Up To 100', Add</i>	3.15	
<i>For >100 To 250', Add</i>	1.47	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0140 LF 4" Diameter, 20 Ounce, Round Copper Downspout	32.77	3.66
<i>For Up To 100', Add</i>	3.87	
<i>For >100 To 250', Add</i>	1.84	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0141 LF 5" Diameter, 20 Ounce, Round Copper Downspout	49.25	3.66
<i>For Up To 100', Add</i>	5.52	
<i>For >100 To 250', Add</i>	2.66	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0142 Square Copper Downspouts (07 71 23 00-0132)		
07 71 23 00-0143 LF 3" Diameter, 16 Ounce, Square Copper Downspout	13.59	3.66
<i>For Up To 100', Add</i>	1.95	
<i>For >100 To 250', Add</i>	0.88	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0144 LF 4" Diameter, 16 Ounce, Square Copper Downspout	16.71	3.66
<i>For Up To 100', Add</i>	2.27	
<i>For >100 To 250', Add</i>	1.03	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0145 LF 5" Diameter, 16 Ounce, Square Copper Downspout	23.45	3.66
<i>For Up To 100', Add</i>	2.94	
<i>For >100 To 250', Add</i>	1.37	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0146 LF 3" Diameter, 20 Ounce, Square Copper Downspout	15.52	3.66
<i>For Up To 100', Add</i>	2.15	
<i>For >100 To 250', Add</i>	0.97	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0147 LF 4" Diameter, 20 Ounce, Square Copper Downspout	19.42	3.66
<i>For Up To 100', Add</i>	2.54	
<i>For >100 To 250', Add</i>	1.17	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0148 LF 5" Diameter, 20 Ounce, Square Copper Downspout	27.42	3.66
<i>For Up To 100', Add</i>	3.34	
<i>For >100 To 250', Add</i>	1.57	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0149 Rectangular Copper Downspouts (07 71 23 00-0132)		
07 71 23 00-0150 LF 2" x 3", 16 Ounce, Rectangular Copper Downspout	19.62	3.66
<i>For Up To 100', Add</i>	2.56	
<i>For >100 To 250', Add</i>	1.18	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0151 LF 3" x 4", 16 Ounce, Rectangular Copper Downspout	24.53	3.66
<i>For Up To 100', Add</i>	3.05	
<i>For >100 To 250', Add</i>	1.42	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0152 LF 4" x 5", 16 Ounce, Rectangular Copper Downspout	34.43	3.66
<i>For Up To 100', Add</i>	4.04	
<i>For >100 To 250', Add</i>	1.92	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0153 LF 2" x 3", 20 Ounce, Rectangular Copper Downspout	22.67	3.66
<i>For Up To 100', Add</i>	2.86	
<i>For >100 To 250', Add</i>	1.33	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0154 LF 3" x 4", 20 Ounce, Rectangular Copper Downspout	28.76	3.66
<i>For Up To 100', Add</i>	3.47	
<i>For >100 To 250', Add</i>	1.64	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0155 LF 4" x 5", 20 Ounce, Rectangular Copper Downspout	40.82	3.66
<i>For Up To 100', Add</i>	4.68	
<i>For >100 To 250', Add</i>	2.24	
<i>For >1,000', Deduct</i>	-0.40	
07 71 23 00-0156 Copper Devices And Accessories (07 71 23 00-0059)		
07 71 23 00-0157 EA Thru-Wall Copper Scupper Outlet.....	211.64	24.14
07 71 23 00-0158 EA Copper Leader/Conductor Head.....	303.34	26.83
07 71 23 00-0159 EA Copper Eave Box.....	147.72	22.86
07 71 23 00-0160 Galvanized Steel Gutters And Downspouts (07 71 23)		
07 71 23 00-0161 Galvanized Steel Gutters (07 71 23 00-0160)		
Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0162 K-Style Galvanized Steel Gutters (07 71 23 00-0161)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0163	LF	5"	26 Gauge, K-Style Galvanized Steel Gutter	14.91	5.64
			<i>For Up To 100', Add</i>	2.89	
			<i>For >100' To 250', Add</i>	1.21	
			<i>For >1,000', Deduct</i>	-0.93	
			<i>For Kynar 500® Finish, Add</i>	2.52	
			<i>For 24 Gauge, Add</i>	1.57	
			<i>For 22 Gauge, Add</i>	3.09	
07 71 23 00-0164	LF	6"	26 Gauge, K-Style Galvanized Steel Gutter	17.07	5.94
			<i>For Up To 100', Add</i>	3.17	
			<i>For >100' To 250', Add</i>	1.34	
			<i>For >1,000', Deduct</i>	-0.98	
			<i>For Kynar 500® Finish, Add</i>	3.29	
			<i>For 24 Gauge, Add</i>	2.05	
			<i>For 22 Gauge, Add</i>	4.03	
07 71 23 00-0165	LF	7"	26 Gauge, K-Style Galvanized Steel Gutter	33.03	6.25
			<i>For Up To 100', Add</i>	4.88	
			<i>For >100' To 250', Add</i>	2.18	
			<i>For >1,000', Deduct</i>	-1.05	
			<i>For Kynar 500® Finish, Add</i>	10.13	
			<i>For 24 Gauge, Add</i>	6.31	
			<i>For 22 Gauge, Add</i>	12.39	
07 71 23 00-0166	LF	8"	26 Gauge, K-Style Galvanized Steel Gutter	34.96	7.01
			<i>For Up To 100', Add</i>	5.23	
			<i>For >100' To 250', Add</i>	2.33	
			<i>For >1,000', Deduct</i>	-1.16	
			<i>For Kynar 500® Finish, Add</i>	10.52	
			<i>For 24 Gauge, Add</i>	6.55	
			<i>For 22 Gauge, Add</i>	12.86	
07 71 23 00-0167 Half Round Galvanized Steel Gutters (07 71 23 00-0161)					
07 71 23 00-0168	LF	5"	26 Gauge, Half Round Galvanized Steel Gutter	20.70	5.64
			<i>For Up To 100', Add</i>	3.47	
			<i>For >100' To 250', Add</i>	1.50	
			<i>For >1,000', Deduct</i>	-0.93	
			<i>For Kynar 500® Finish, Add</i>	5.13	
			<i>For 24 Gauge, Add</i>	3.19	
			<i>For 22 Gauge, Add</i>	6.27	
07 71 23 00-0169	LF	6"	26 Gauge, Half Round Galvanized Steel Gutter	25.60	5.94
			<i>For Up To 100', Add</i>	4.02	
			<i>For >100' To 250', Add</i>	1.77	
			<i>For >1,000', Deduct</i>	-0.98	
			<i>For Kynar 500® Finish, Add</i>	7.13	
			<i>For 24 Gauge, Add</i>	4.44	
			<i>For 22 Gauge, Add</i>	8.72	
07 71 23 00-0170	LF	7"	26 Gauge, Half Round Galvanized Steel Gutter	61.00	6.25
			<i>For Up To 100', Add</i>	7.68	
			<i>For >100' To 250', Add</i>	3.58	
			<i>For >1,000', Deduct</i>	-1.05	
			<i>For Kynar 500® Finish, Add</i>	22.72	
			<i>For 24 Gauge, Add</i>	14.14	
			<i>For 22 Gauge, Add</i>	27.77	
07 71 23 00-0171	LF	8"	26 Gauge, Half Round Galvanized Steel Gutter	65.18	7.01
			<i>For Up To 100', Add</i>	8.26	
			<i>For >100' To 250', Add</i>	3.84	
			<i>For >1,000', Deduct</i>	-1.16	
			<i>For Kynar 500® Finish, Add</i>	24.12	
			<i>For 24 Gauge, Add</i>	15.01	
			<i>For 22 Gauge, Add</i>	29.48	
07 71 23 00-0172 Box Style Galvanized Steel Gutters (07 71 23 00-0161)					
07 71 23 00-0173	LF	5"	24 Gauge, Box Style Galvanized Steel Gutter	24.66	6.40
			<i>For Up To 100', Add</i>	4.07	
			<i>For >100' To 250', Add</i>	1.77	
			<i>For >1,000', Deduct</i>	-1.07	
			<i>For Kynar 500® Finish, Add</i>	6.30	
			<i>For 22 Gauge, Add</i>	3.08	
07 71 23 00-0174	LF	6"	24 Gauge, Box Style Galvanized Steel Gutter	28.70	7.01
			<i>For Up To 100', Add</i>	4.61	
			<i>For >100' To 250', Add</i>	2.01	
			<i>For >1,000', Deduct</i>	-1.16	
			<i>For Kynar 500® Finish, Add</i>	7.70	
			<i>For 22 Gauge, Add</i>	3.77	
07 71 23 00-0175	LF	7"	24 Gauge, Box Style Galvanized Steel Gutter	35.26	6.25
			<i>For Up To 100', Add</i>	5.10	
			<i>For >100' To 250', Add</i>	2.29	
			<i>For >1,000', Deduct</i>	-1.05	
			<i>For Kynar 500® Finish, Add</i>	11.14	
			<i>For 22 Gauge, Add</i>	5.45	
07 71 23 00-0176	LF	8"	24 Gauge, Box Style Galvanized Steel Gutter	39.52	7.92
			<i>For Up To 100', Add</i>	5.92	
			<i>For >100' To 250', Add</i>	2.63	
			<i>For >1,000', Deduct</i>	-1.31	
			<i>For Kynar 500® Finish, Add</i>	11.88	
			<i>For 22 Gauge, Add</i>	5.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0177 Galvanized Steel Gutter End Caps (07 71 23 00-0160)		
07 71 23 00-0178 K-Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0179 EA 5", K-Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	6.41 1.51	
07 71 23 00-0180 EA 6", K-Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	7.29 1.91	
07 71 23 00-0181 EA 7", K-Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	15.14 5.44	
07 71 23 00-0182 EA 8", K-Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	21.69 8.39	
07 71 23 00-0183 Half Round, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0184 EA 5", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	8.07 2.26	
07 71 23 00-0185 EA 6", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	9.20 2.77	
07 71 23 00-0186 EA 7", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	16.64 6.12	
07 71 23 00-0187 EA 8", Half Round Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	22.28 8.65	
07 71 23 00-0188 Box Style, Galvanized Steel Gutter End Caps (07 71 23 00-0177)		
07 71 23 00-0189 EA 5", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	14.01 4.93	
07 71 23 00-0190 EA 6", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	16.75 6.17	
07 71 23 00-0191 EA 7", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	18.69 7.04	
07 71 23 00-0192 EA 8", Box Style Galvanized Steel Gutter End Cap <i>For Kynar 500® Finish, Add</i>	24.84 9.81	
07 71 23 00-0193 Galvanized Steel Gutter Miters (07 71 23 00-0160) Note: Inside or outside miters.		
07 71 23 00-0194 K-Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0195 EA 5", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	38.16 10.25	
07 71 23 00-0196 EA 6", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	60.02 19.60	
07 71 23 00-0197 EA 7", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	94.13 34.47	
07 71 23 00-0198 EA 8", K-Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	105.62 39.09	
07 71 23 00-0199 Half Round, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0200 EA 5", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	51.03 16.04	
07 71 23 00-0201 EA 6", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	57.18 18.32	
07 71 23 00-0202 EA 7", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	155.98 62.31	
07 71 23 00-0203 EA 8", Half Round Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	164.90 65.77	
07 71 23 00-0204 Box Style, Galvanized Steel Gutter Miters (07 71 23 00-0193)		
07 71 23 00-0205 EA 5", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	48.45 14.88	
07 71 23 00-0206 EA 6", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	77.06 27.27	
07 71 23 00-0207 EA 7", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	99.26 36.78	
07 71 23 00-0208 EA 8", Box Style Galvanized Steel Gutter Miter <i>For Kynar 500® Finish, Add</i>	105.62 39.09	
07 71 23 00-0209 Galvanized Steel Gutter Wire Strainers (07 71 23 00-0160)		
07 71 23 00-0210 EA 3" Diameter, Round Galvanized Steel Wire Strainer <i>For Kynar 500® Finish, Add</i>	15.15 3.24	3.81
07 71 23 00-0211 EA 4" Diameter, Round Galvanized Steel Wire Strainer <i>For Kynar 500® Finish, Add</i>	21.30 6.01	3.81
07 71 23 00-0212 Galvanized Steel Downspouts (07 71 23 00-0160) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0213 Round Galvanized Steel Downspouts (07 71 23 00-0212)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0214	LF		3" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	8.05	3.66
			<i>For Up To 100', Add</i>	1.40	
			<i>For >100 To 250', Add</i>	0.60	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	1.84	
			<i>For 24 Gauge, Add</i>	1.15	
			<i>For 22 Gauge, Add</i>	2.25	
07 71 23 00-0215	LF		4" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	9.81	3.66
			<i>For Up To 100', Add</i>	1.58	
			<i>For >100 To 250', Add</i>	0.69	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	2.63	
			<i>For 24 Gauge, Add</i>	1.64	
			<i>For 22 Gauge, Add</i>	3.22	
07 71 23 00-0216	LF		5" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	13.05	3.66
			<i>For Up To 100', Add</i>	1.90	
			<i>For >100 To 250', Add</i>	0.85	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	4.09	
			<i>For 24 Gauge, Add</i>	2.55	
			<i>For 22 Gauge, Add</i>	5.00	
07 71 23 00-0217	LF		6" Diameter, 26 Gauge, Round Galvanized Steel Downspout.....	28.01	3.66
			<i>For Up To 100', Add</i>	3.40	
			<i>For >100 To 250', Add</i>	1.60	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	10.82	
			<i>For 24 Gauge, Add</i>	6.73	
			<i>For 22 Gauge, Add</i>	13.23	
07 71 23 00-0218			Square Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0219	LF		4" x 4", 26 Gauge, Square Galvanized Steel Downspout.....	9.03	3.66
			<i>For Up To 100', Add</i>	1.50	
			<i>For >100 To 250', Add</i>	0.65	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	2.28	
			<i>For 24 Gauge, Add</i>	1.42	
			<i>For 22 Gauge, Add</i>	2.79	
07 71 23 00-0220	LF		5" x 5", 26 Gauge, Square Galvanized Steel Downspout.....	11.34	3.66
			<i>For Up To 100', Add</i>	1.73	
			<i>For >100 To 250', Add</i>	0.77	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	3.32	
			<i>For 24 Gauge, Add</i>	2.07	
			<i>For 22 Gauge, Add</i>	4.06	
07 71 23 00-0221			Rectangular Galvanized Steel Downspouts (07 71 23 00-0212)		
07 71 23 00-0222	LF		2" x 3", 26 Gauge, Rectangular Galvanized Steel Downspout.....	8.19	3.66
			<i>For Up To 100', Add</i>	1.41	
			<i>For >100 To 250', Add</i>	0.61	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	1.90	
			<i>For 24 Gauge, Add</i>	1.18	
			<i>For 22 Gauge, Add</i>	2.33	
07 71 23 00-0223	LF		3" x 4", 26 Gauge, Rectangular Galvanized Steel Downspout.....	10.21	3.66
			<i>For Up To 100', Add</i>	1.62	
			<i>For >100 To 250', Add</i>	0.71	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	2.81	
			<i>For 24 Gauge, Add</i>	1.75	
			<i>For 22 Gauge, Add</i>	3.44	
07 71 23 00-0224	LF		4" x 5", 26 Gauge, Rectangular Galvanized Steel Downspout.....	18.25	3.66
			<i>For Up To 100', Add</i>	2.42	
			<i>For >100 To 250', Add</i>	1.11	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For Kynar 500® Finish, Add</i>	6.43	
			<i>For 24 Gauge, Add</i>	4.00	
			<i>For 22 Gauge, Add</i>	7.86	
07 71 23 00-0225			Galvanized Steel Devices (07 71 23 00-0160)		
07 71 23 00-0226	EA		Galvanized Steel Leader/Conductor Head.....	315.23	26.83
			<i>For Kynar 500® Finish, Add</i>	117.71	
07 71 23 00-0227	EA		Thru-Wall Galvanized Steel Scupper Outlet.....	177.88	24.14
			<i>For Kynar 500® Finish, Add</i>	43.83	
07 71 23 00-0228			Stainless Steel Gutters And Downspouts (07 71 23)		
			Note: AISI type 304 stainless steel.		
07 71 23 00-0229			Stainless Steel Gutters (07 71 23 00-0228)		
			Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0230			K-Style, Stainless Steel Gutters (07 71 23 00-0229)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0231 LF 5", 26 Gauge, K-Style Stainless Steel Gutter.....	30.50	5.64
For Up To 100', Add	4.45	
For >100' To 250', Add	1.99	
For >1,000', Deduct	-0.93	
For 316 Stainless Steel, Add	8.06	
For 24 Gauge, Add	7.00	
For 22 Gauge, Add	13.99	
For 20 Gauge, Add	20.99	
07 71 23 00-0232 LF 6", 26 Gauge, K-Style Stainless Steel Gutter.....	36.26	5.94
For Up To 100', Add	5.09	
For >100' To 250', Add	2.30	
For >1,000', Deduct	-0.98	
For 316 Stainless Steel, Add	10.07	
For 24 Gauge, Add	8.75	
For 22 Gauge, Add	17.50	
For 20 Gauge, Add	26.24	
07 71 23 00-0233 Half Round, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0234 LF 5", 26 Gauge, Half Round Stainless Steel Gutter	41.40	5.64
For Up To 100', Add	5.54	
For >100' To 250', Add	2.54	
For >1,000', Deduct	-0.93	
For 316 Stainless Steel, Add	12.20	
For 24 Gauge, Add	10.59	
For 22 Gauge, Add	21.19	
For 20 Gauge, Add	31.78	
07 71 23 00-0235 LF 6", 26 Gauge, Half Round Stainless Steel Gutter	49.81	5.94
For Up To 100', Add	6.44	
For >100' To 250', Add	2.98	
For >1,000', Deduct	-0.98	
For 316 Stainless Steel, Add	15.22	
For 24 Gauge, Add	13.22	
For 22 Gauge, Add	26.44	
For 20 Gauge, Add	39.66	
07 71 23 00-0236 Box Style, Stainless Steel Gutters (07 71 23 00-0229)		
07 71 23 00-0237 LF 5", 26 Gauge, Box Style Stainless Steel Gutter	40.90	6.40
For Up To 100', Add	5.69	
For >100' To 250', Add	2.58	
For >1,000', Deduct	-1.07	
For 316 Stainless Steel, Add	11.49	
For 24 Gauge, Add	9.98	
For 22 Gauge, Add	19.95	
For 20 Gauge, Add	29.93	
For 18 Gauge, Add	50.18	
For Seamless Gutter, Add	0.09	
07 71 23 00-0238 LF 6", 26 Gauge, Box Style Stainless Steel Gutter	49.56	7.01
For Up To 100', Add	6.69	
For >100' To 250', Add	3.06	
For >1,000', Deduct	-1.16	
For 316 Stainless Steel, Add	14.43	
For 24 Gauge, Add	12.53	
For 22 Gauge, Add	25.07	
For 20 Gauge, Add	37.60	
For 18 Gauge, Add	63.05	
For Seamless Gutter, Add	-0.16	
07 71 23 00-0239 LF 7", 26 Gauge, Box Style Stainless Steel Gutter	58.23	7.47
For Up To 100', Add	7.67	
For >100' To 250', Add	3.53	
For >1,000', Deduct	-1.23	
For 316 Stainless Steel, Add	17.44	
For 24 Gauge, Add	15.14	
For 22 Gauge, Add	30.29	
For 20 Gauge, Add	45.43	
For 18 Gauge, Add	76.18	
For Seamless Gutter, Add	-0.44	
07 71 23 00-0240 LF 8", 26 Gauge, Box Style Stainless Steel Gutter	63.25	7.92
For Up To 100', Add	8.29	
For >100' To 250', Add	3.82	
For >1,000', Deduct	-1.31	
For 316 Stainless Steel, Add	19.05	
For 24 Gauge, Add	16.55	
For 22 Gauge, Add	33.09	
For 20 Gauge, Add	49.64	
For 18 Gauge, Add	83.23	
For Seamless Gutter, Add	-0.54	
07 71 23 00-0241 Stainless Steel Gutter End Caps (07 71 23 00-0228)		
07 71 23 00-0242 K-Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0243 EA 5", K-Style Stainless Steel Gutter End Cap	9.68	
For 316 Stainless Steel, Add	2.52	
07 71 23 00-0244 EA 6", K-Style Stainless Steel Gutter End Cap	11.01	
For 316 Stainless Steel, Add	3.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0245			Half Round, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0246	EA		5", Half Round Stainless Steel Gutter End Cap.....	11.34	
			<i>For 316 Stainless Steel, Add</i>	3.15	
07 71 23 00-0247	EA		6", Half Round Stainless Steel Gutter End Cap.....	13.00	
			<i>For 316 Stainless Steel, Add</i>	3.78	
07 71 23 00-0248			Box Style, Stainless Steel Gutter End Caps (07 71 23 00-0241)		
07 71 23 00-0249	EA		5", Box Style Stainless Steel Gutter End Cap.....	12.10	
			<i>For 316 Stainless Steel, Add</i>	3.15	
07 71 23 00-0250	EA		6", Box Style Stainless Steel Gutter End Cap.....	13.76	
			<i>For 316 Stainless Steel, Add</i>	3.78	
07 71 23 00-0251	EA		7", Box Style Stainless Steel Gutter End Cap.....	14.29	
			<i>For 316 Stainless Steel, Add</i>	4.08	
07 71 23 00-0252	EA		8", Box Style Stainless Steel Gutter End Cap.....	17.28	
			<i>For 316 Stainless Steel, Add</i>	5.03	
07 71 23 00-0253			Stainless Steel Gutter Miters (07 71 23 00-0228)		
			Note: Inside or outside box miters.		
07 71 23 00-0254			K-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0255	EA		5", K-Style Stainless Steel Gutter Miter.....	49.65	
			<i>For 316 Stainless Steel, Add</i>	13.02	
07 71 23 00-0256	EA		6", K-Style Stainless Steel Gutter Miter.....	77.25	
			<i>For 316 Stainless Steel, Add</i>	23.10	
07 71 23 00-0257			Half Round, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0258	EA		5", Half Round Stainless Steel Gutter Miter.....	115.97	
			<i>For 316 Stainless Steel, Add</i>	38.22	
07 71 23 00-0259	EA		6", Half Round Stainless Steel Gutter Miter.....	141.31	
			<i>For 316 Stainless Steel, Add</i>	47.44	
07 71 23 00-0260			Box-Style, Stainless Steel Gutter Miters (07 71 23 00-0253)		
07 71 23 00-0261	EA		5", Box-Style Stainless Steel Gutter Miter.....	56.50	
			<i>For 316 Stainless Steel, Add</i>	15.62	
07 71 23 00-0262	EA		6", Box-Style Stainless Steel Gutter Miter.....	89.41	
			<i>For 316 Stainless Steel, Add</i>	27.72	
07 71 23 00-0263	EA		7", Box-Style Stainless Steel Gutter Miter.....	102.62	
			<i>For 316 Stainless Steel, Add</i>	32.34	
07 71 23 00-0264	EA		8", Box-Style Stainless Steel Gutter Miter.....	116.01	
			<i>For 316 Stainless Steel, Add</i>	36.96	
07 71 23 00-0265			Stainless Steel Gutter Wire Strainers (07 71 23 00-0228)		
07 71 23 00-0266	EA		3" Diameter, Round Stainless Steel Wire Strainer.....	46.74	3.81
07 71 23 00-0267	EA		4" Diameter, Round Stainless Steel Wire Strainer.....	47.81	3.81
07 71 23 00-0268			Stainless Steel Downspouts (07 71 23 00-0228)		
			Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0269			Round Stainless Steel Downspouts (07 71 23 00-0268)		
07 71 23 00-0270	LF		3" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	17.66	3.66
			<i>For Up To 100', Add</i>	2.36	
			<i>For >100 To 250', Add</i>	1.08	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For 316 Stainless Steel, Add</i>	5.21	
			<i>For 24 Gauge, Add</i>	4.52	
			<i>For 22 Gauge, Add</i>	9.04	
			<i>For 20 Gauge, Add</i>	13.56	
07 71 23 00-0271	LF		4" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	22.97	3.66
			<i>For Up To 100', Add</i>	2.89	
			<i>For >100 To 250', Add</i>	1.35	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For 316 Stainless Steel, Add</i>	7.22	
			<i>For 24 Gauge, Add</i>	6.27	
			<i>For 22 Gauge, Add</i>	12.55	
			<i>For 20 Gauge, Add</i>	18.82	
07 71 23 00-0272	LF		5" Diameter, 26 Gauge, Round Stainless Steel Downspout.....	33.00	3.66
			<i>For Up To 100', Add</i>	3.89	
			<i>For >100 To 250', Add</i>	1.85	
			<i>For >1,000', Deduct</i>	-0.40	
			<i>For 316 Stainless Steel, Add</i>	11.04	
			<i>For 24 Gauge, Add</i>	9.58	
			<i>For 22 Gauge, Add</i>	19.17	
			<i>For 20 Gauge, Add</i>	28.75	
07 71 23 00-0273			Rectangular Stainless Steel Downspouts (07 71 23 00-0268)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0274 LF 2" x 3", 26 Gauge, Rectangular Stainless Steel Downspout.....	18.05	3.66
<i>For Up To 100', Add</i>	2.40	
<i>For >100 To 250', Add</i>	1.10	
<i>For >1,000', Deduct</i>	-0.40	
<i>For 316 Stainless Steel, Add</i>	5.35	
<i>For 24 Gauge, Add</i>	4.65	
<i>For 22 Gauge, Add</i>	9.30	
<i>For 20 Gauge, Add</i>	13.95	
<i>For 18 Gauge, Add</i>	23.39	
07 71 23 00-0275 LF 3" x 4", 26 Gauge, Rectangular Stainless Steel Downspout.....	23.77	3.66
<i>For Up To 100', Add</i>	2.97	
<i>For >100 To 250', Add</i>	1.39	
<i>For >1,000', Deduct</i>	-0.40	
<i>For 316 Stainless Steel, Add</i>	7.53	
<i>For 24 Gauge, Add</i>	6.54	
<i>For 22 Gauge, Add</i>	13.07	
<i>For 20 Gauge, Add</i>	19.61	
<i>For 18 Gauge, Add</i>	32.88	
07 71 23 00-0276 LF 4" x 5", 26 Gauge, Rectangular Stainless Steel Downspout.....	30.45	3.66
<i>For Up To 100', Add</i>	3.64	
<i>For >100 To 250', Add</i>	1.72	
<i>For >1,000', Deduct</i>	-0.40	
<i>For 316 Stainless Steel, Add</i>	10.07	
<i>For 24 Gauge, Add</i>	8.74	
<i>For 22 Gauge, Add</i>	17.48	
<i>For 20 Gauge, Add</i>	26.23	
<i>For 18 Gauge, Add</i>	43.97	
07 71 23 00-0277 Stainless Steel Devices (07 71 23 00-0228)		
07 71 23 00-0278 EA Thru-Wall Stainless Steel Scupper Outlet.....	294.31	34.29
<i>For 316 Stainless Steel, Add</i>	68.41	
07 71 23 00-0279 EA Stainless Steel Leader/Conductor Head.....	442.41	34.29
<i>For 316 Stainless Steel, Add</i>	139.16	
07 71 23 00-0280 Vinyl Gutters And Downspouts (07 71 23)		
07 71 23 00-0281 Vinyl Gutters (07 71 23 00-0280)		
Note: Includes drop outlets, hangers and fasteners. Excludes end caps, miters and downspouts.		
07 71 23 00-0282 K-Style Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0283 LF 4", K-Style Vinyl Gutter.....	12.87	3.81
<i>For Up To 100', Add</i>	2.24	
<i>For >100' To 250', Add</i>	0.96	
<i>For >1,000', Deduct</i>	-0.64	
07 71 23 00-0284 LF 5", K-Style Vinyl Gutter.....	16.23	3.81
<i>For Up To 100', Add</i>	2.58	
<i>For >100' To 250', Add</i>	1.13	
<i>For >1,000', Deduct</i>	-0.64	
07 71 23 00-0285 Half Round Vinyl Gutters (07 71 23 00-0281)		
07 71 23 00-0286 LF 4", Half Round Vinyl Gutter.....	13.25	3.81
<i>For Up To 100', Add</i>	2.28	
<i>For >100' To 250', Add</i>	0.98	
<i>For >1,000', Deduct</i>	-0.64	
07 71 23 00-0287 LF 5", Half Round Vinyl Gutter.....	13.86	3.81
<i>For Up To 100', Add</i>	2.34	
<i>For >100' To 250', Add</i>	1.01	
<i>For >1,000', Deduct</i>	-0.64	
07 71 23 00-0288 Vinyl Gutter End Caps (07 71 23 00-0280)		
07 71 23 00-0289 K-Style, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0290 EA 4", K-Style Vinyl Gutter End Cap.....	7.78	
07 71 23 00-0291 EA 5", K-Style Vinyl Gutter End Cap.....	10.56	
07 71 23 00-0292 Half Round, Vinyl Gutter End Caps (07 71 23 00-0288)		
07 71 23 00-0293 EA 4", Half Round Vinyl Gutter End Cap.....	8.80	
07 71 23 00-0294 EA 5", Half Round Vinyl Gutter End Cap.....	8.34	
07 71 23 00-0295 Vinyl Gutter Miters (07 71 23 00-0280)		
Note: Inside or outside miters.		
07 71 23 00-0296 K-Style, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0297 EA 4", K-Style Vinyl Gutter Miter.....	18.93	
07 71 23 00-0298 EA 5", K-Style Vinyl Gutter Miter.....	27.92	
07 71 23 00-0299 Half Round, Vinyl Gutter Miters (07 71 23 00-0295)		
07 71 23 00-0300 EA 4", Half Round Vinyl Gutter Miter.....	18.93	

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 71	Roof Specialties

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0301	EA		5", Half Round Vinyl Gutter Miter	20.48	
07 71 23 00-0302			Vinyl Downspouts (07 71 23 00-0280) Note: Includes elbows, hangers and fasteners.		
07 71 23 00-0303			Round Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0304	LF		2-1/2" Diameter, Round Vinyl Downspout.....	8.41	3.66
			For Up To 100', Add	1.44	
			For >100 To 250', Add	0.62	
			For >1,000', Deduct	-0.40	
07 71 23 00-0305	LF		3" Diameter, Round Vinyl Downspout.....	8.73	3.66
			For Up To 100', Add	1.47	
			For >100 To 250', Add	0.63	
			For >1,000', Deduct	-0.40	
07 71 23 00-0306			Square Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0307	LF		2-1/2", Square Vinyl Downspout	8.27	3.66
			For Up To 100', Add	1.42	
			For >100 To 250', Add	0.61	
			For >1,000', Deduct	-0.40	
07 71 23 00-0308			Rectangular Vinyl Downspouts (07 71 23 00-0302)		
07 71 23 00-0309	LF		2" x 3", Rectangular Vinyl Downspout.....	10.38	3.66
			For Up To 100', Add	1.63	
			For >100 To 250', Add	0.72	
			For >1,000', Deduct	-0.40	
07 71 23 00-0310			Gutter And Downspout Boots (07 71 23)		
07 71 23 00-0311			Cast Iron Roof Drainage Downspout Boots (07 71 23 00-0310)		
07 71 23 00-0312	EA		2" x 3" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	331.43	5.49
07 71 23 00-0313	EA		3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot.....	431.87	5.49
07 71 23 00-0314	EA		4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot.....	515.39	5.49
07 71 23 00-0315			Cast Iron Roof Drainage Downspout Boots With Cleanouts (07 71 23 00-0310)		
07 71 23 00-0316	EA		3" x 4" x 18" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	572.26	5.49
07 71 23 00-0317	EA		4" x 5" x 24" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	699.01	5.49
07 71 23 00-0318	EA		5" x 7" x 30" Long, Cast Iron Roof Drainage Downspout Boot With Cleanout	1,268.19	5.49
07 71 23 00-0319			Wall Mounted Downspout Covers With Hinged Perforated Cover (07 71 23)		
07 71 23 00-0320	EA		3" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-03).....	1,135.36	26.65
			For Polished Brass Finish (-PB), Add	108.21	
			For Chrome Plated Finish (-CP), Add	162.31	
			For Vandal Proof (-U), Add	54.10	
07 71 23 00-0321	EA		4" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-04).....	1,153.12	35.53
			For Polished Brass Finish (-PB), Add	108.21	
			For Chrome Plated Finish (-CP), Add	162.31	
			For Vandal Proof (-U), Add	54.10	
07 71 23 00-0322	EA		6" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-06).....	1,235.96	46.58
			For Polished Brass Finish (-PB), Add	114.28	
			For Chrome Plated Finish (-CP), Add	171.42	
			For Vandal Proof (-U), Add	57.14	
07 71 23 00-0323	EA		8" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-08).....	1,315.42	58.81
			For Polished Brass Finish (-PB), Add	119.78	
			For Chrome Plated Finish (-CP), Add	179.67	
			For Vandal Proof (-U), Add	59.89	
07 71 23 00-0324	EA		10" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-10).....	1,412.36	72.45
			For Polished Brass Finish (-PB), Add	126.75	
			For Chrome Plated Finish (-CP), Add	190.12	
			For Vandal Proof (-U), Add	63.37	
07 71 23 00-0325	EA		12" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-12).....	1,546.76	101.14
			For Polished Brass Finish (-PB), Add	134.45	
			For Chrome Plated Finish (-CP), Add	201.67	
			For Vandal Proof (-U), Add	67.22	
07 71 23 00-0326	EA		15" Pipe Size, Type 304 Stainless Steel Downspout Cover With Hinged Perforated Cover (JR Smith 1775-15).....	1,701.73	140.67
			For Polished Brass Finish (-PB), Add	142.04	
			For Chrome Plated Finish (-CP), Add	213.06	
			For Vandal Proof (-U), Add	71.02	
07 71 23 00-0327			Wall Mounted Downspout Nozzle (07 71 23)		
07 71 23 00-0328	EA		3" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-03).....	286.89	26.65
			For Nickel Bronze Finish (-NB), Add	163.51	
			For Polished Bronze Finish (-PB), Add	128.47	
			For Chrome Plated Finish (-CP), Add	207.90	
07 71 23 00-0329	EA		4" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-04).....	304.65	35.53
			For Nickel Bronze Finish (-NB), Add	163.51	
			For Polished Bronze Finish (-PB), Add	128.47	
			For Chrome Plated Finish (-CP), Add	207.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 23 00-0330 EA 6" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-06).....	647.27	46.58
<i>For Nickel Bronze Finish (-NB), Add</i>	166.24	
<i>For Polished Bronze Finish (-PB), Add</i>	94.20	
<i>For Chrome Plated Finish (-CP), Add</i>	243.81	
07 71 23 00-0331 EA 8" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-08).....	958.75	58.81
<i>For Nickel Bronze Finish (-NB), Add</i>	142.99	
<i>For Polished Bronze Finish (-PB), Add</i>	109.35	
<i>For Chrome Plated Finish (-CP), Add</i>	243.93	
07 71 23 00-0332 EA 10" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-10).....	1,236.90	72.45
<i>For Nickel Bronze Finish (-NB), Add</i>	185.64	
<i>For Polished Bronze Finish (-PB), Add</i>	141.96	
<i>For Chrome Plated Finish (-CP), Add</i>	316.68	
07 71 23 00-0333 EA 12" Pipe Size, Rough Bronze Finish Downspout Nozzle (JR Smith 1770-12).....	1,576.09	101.14
<i>For Nickel Bronze Finish (-NB), Add</i>	233.54	
<i>For Polished Bronze Finish (-PB), Add</i>	178.59	
<i>For Chrome Plated Finish (-CP), Add</i>	398.40	
07 71 23 00-0334 Leaf Guards And Cleaning (07 71 23)		
07 71 23 00-0335 LF Aluminum Mesh Gutter Leaf Guard	3.88	0.92
<i>For Up To 100', Add</i>	0.66	
<i>For >100' To 250', Add</i>	0.29	
<i>For >1,000', Deduct</i>	-0.18	
07 71 23 00-0336 LF Vinyl Mesh Gutter Leaf Guard	2.99	0.92
<i>For Up To 100', Add</i>	0.57	
<i>For >100' To 250', Add</i>	0.24	
<i>For >1,000', Deduct</i>	-0.18	
07 71 23 00-0337 LF 6" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	16.79	1.15
<i>For Up To 100', Add</i>	2.03	
<i>For >100' To 250', Add</i>	0.96	
<i>For >1,000', Deduct</i>	-0.23	
07 71 23 00-0338 LF 9" Wide Stainless Steel Gutter Leaf Guard, 1/4" x 1/4" x 0.08" Wire	24.06	1.15
<i>For Up To 100', Add</i>	2.75	
<i>For >100' To 250', Add</i>	1.32	
<i>For >1,000', Deduct</i>	-0.23	
07 71 23 00-0339 LF 6" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	12.78	1.15
<i>For Up To 100', Add</i>	1.55	
<i>For >100' To 250', Add</i>	0.73	
<i>For >1,000', Deduct</i>	-0.18	
07 71 23 00-0340 LF 9" Wide Stainless Steel Gutter Leaf Guard, 3/8" x 3/8" Mesh	19.75	1.15
<i>For Up To 100', Add</i>	2.25	
<i>For >100' To 250', Add</i>	1.08	
<i>For >1,000', Deduct</i>	-0.18	
07 71 23 00-0341 EA Cleanout Roof Drain	147.69	
Note: Includes removing dome and flushing.		
07 71 23 00-0342 LF Cleanout Roof Gutters And Downspouts	1.72	
07 71 26 Reglets (07 71)		
07 71 26 00-0001 Counter Flashing With Reglet (07 71 26)		
Note: Includes reglet cut.		
07 71 26 00-0002 Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0003 Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0004 LF 28 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	15.93	4.77
07 71 26 00-0005 LF 26 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.11	4.77
07 71 26 00-0006 LF 24 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	16.41	4.77
07 71 26 00-0007 LF 22 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	17.57	4.77
07 71 26 00-0008 LF 20 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.23	4.77
07 71 26 00-0009 LF 18 Gauge, Up To 12" Wide, Galvanized Steel Counter Flashing With Reglet	18.99	4.77
07 71 26 00-0010 KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet (07 71 26 00-0002)		
07 71 26 00-0011 LF 28 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	18.80	4.77
07 71 26 00-0012 LF 26 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	19.06	4.77
07 71 26 00-0013 LF 24 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	19.50	4.77
07 71 26 00-0014 LF 22 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	21.18	4.77
07 71 26 00-0015 LF 20 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	22.13	4.77
07 71 26 00-0016 LF 18 Gauge, Up To 12" Wide, KYNAR 500® Finish, Galvanized Steel Counter Flashing With Reglet.....	23.23	4.77
07 71 26 00-0017 Aluminum Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0018 KYNAR 500® Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0019 LF 0.019" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	14.45	4.77
07 71 26 00-0020 LF 0.025" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	15.22	4.77
07 71 26 00-0021 LF 0.032" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	16.00	4.77
07 71 26 00-0022 LF 0.040" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	16.55	4.77
07 71 26 00-0023 LF 0.050" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	17.80	4.77
07 71 26 00-0024 LF 0.063" Thick, Up To 12" Wide, KYNAR 500® Finish, Aluminum Counter Flashing With Reglet.....	19.61	4.77
07 71 26 00-0025 Mill Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 71 26 00-0026	LF		0.019" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	12.68	4.77
07 71 26 00-0027	LF		0.025" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	13.17	4.77
07 71 26 00-0028	LF		0.032" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	13.67	4.77
07 71 26 00-0029	LF		0.040" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	14.02	4.77
07 71 26 00-0030	LF		0.050" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	14.82	4.77
07 71 26 00-0031	LF		0.063" Thick, Up To 12" Wide, Mill Finish, Aluminum Counter Flashing With Reglet.....	15.97	4.77
07 71 26 00-0032			Clear Anodized Finish, Aluminum Counter Flashing With Reglet (07 71 26 00-0017)		
07 71 26 00-0033	LF		0.019" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.09	4.77
07 71 26 00-0034	LF		0.025" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	14.80	4.77
07 71 26 00-0035	LF		0.032" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	15.52	4.77
07 71 26 00-0036	LF		0.040" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	16.04	4.77
07 71 26 00-0037	LF		0.050" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	17.19	4.77
07 71 26 00-0038	LF		0.063" Thick, Up To 12" Wide, Clear Anodized Finish, Aluminum Counter Flashing With Reglet	18.86	4.77
07 71 26 00-0039			Stainless Steel Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0040			Stainless Steel Counter Flashing With Reglet (07 71 26 00-0039)		
07 71 26 00-0041	LF		24 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	19.30	4.77
07 71 26 00-0042	LF		22 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	20.60	4.77
07 71 26 00-0043	LF		20 Gauge, Up To 12" Wide, Stainless Steel Counter Flashing With Reglet.....	21.03	4.77
07 71 26 00-0044			Copper Counter Flashing With Reglet (07 71 26 00-0001)		
07 71 26 00-0045			Copper Counter Flashing With Reglet (07 71 26 00-0044)		
07 71 26 00-0046	LF		16 Ounce, Up To 12" Wide, Copper Counter Flashing With Reglet.....	71.38	4.77
07 72			Roof Accessories (07 70)		
07 72 13			Manufactured Curbs (07 72)		
07 72 13 00-0001			Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13)		
			Note: Includes fasteners and sealants. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0002			Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0001)		
			Note: Includes pressure treated wood nailer, 1-1/2" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction, installation clips and 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips.		
07 72 13 00-0003			18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0004			9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		
07 72 13 00-0005	EA		26" x 26" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	903.50	217.65
			For Sloped Roofs Up To 1 In 12 Pitch, Add	63.14	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	153.49	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-30.76	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.32	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.42	
07 72 13 00-0006	EA		26" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	918.79	217.65
			For Sloped Roofs Up To 1 In 12 Pitch, Add	64.67	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	156.55	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-37.75	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	21.02	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	42.02	
07 72 13 00-0007	EA		26" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	994.44	244.86
			For Sloped Roofs Up To 1 In 12 Pitch, Add	68.84	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	168.28	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-46.16	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	27.33	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	42.03	
07 72 13 00-0008	EA		26" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,053.07	244.86
			For Sloped Roofs Up To 1 In 12 Pitch, Add	74.70	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	180.01	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-61.55	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	32.94	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	47.64	
07 72 13 00-0009	EA		26" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,096.39	244.86
			For Sloped Roofs Up To 1 In 12 Pitch, Add	79.03	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	188.67	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.21	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	122.10	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	134.70	
07 72 13 00-0010	EA		26" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,337.72	272.07
			For Sloped Roofs Up To 1 In 12 Pitch, Add	99.76	
			For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	233.54	
			For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-102.10	
			For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-7.61	
			For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	32.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0011 EA 38" x 38" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	923.89	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.18	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	157.57	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.02	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.02	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.81	
07 72 13 00-0012 EA 38" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	996.99	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.09	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	168.79	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-58.75	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.44	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.14	
07 72 13 00-0013 EA 38" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,030.13	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.41	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	175.42	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0014 EA 38" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,042.87	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	73.68	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	177.97	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0015 EA 38" x 98" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,296.95	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	95.69	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	225.38	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0016 EA 38" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,418.48	299.27
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	104.44	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	246.29	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.87	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	158.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	209.35	
07 72 13 00-0017 EA 50" x 50" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,114.23	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	80.82	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	192.24	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0018 EA 50" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,215.39	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	87.53	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	209.07	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-90.91	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-4.82	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.16	
07 72 13 00-0019 EA 50" x 74" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,243.42	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	90.33	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	214.68	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0020 EA 50" x 86" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,364.96	299.27
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	99.09	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	235.58	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-125.88	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-31.39	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.78	
07 72 13 00-0021 EA 51" x 99" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,463.57	326.47
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	105.55	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	251.90	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0022 EA 51" x 122" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,582.55	353.68
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.04	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	272.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-173.46	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-41.17	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	30.22	
07 72 13 00-0023 EA 62" x 62" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,243.42	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	90.33	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	214.68	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0024 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,336.92	299.27
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	96.28	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	229.98	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0025	EA	62" x 86"	Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,461.02 105.29 251.39 -170.66 -67.77 -6.86	326.47
07 72 13 00-0026	EA	62" x 98"	Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,486.51 107.84 256.49 38.43 141.32 246.31	326.47
07 72 13 00-0027	EA	62" x 122"	Outside Frame Dimensions, 9" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,610.59 116.85 277.91 -215.41 -110.42 23.95	353.68
07 72 13 00-0028		12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs <small>(07 72 13 00-0003)</small>			
07 72 13 00-0029	EA	26" x 26"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	936.63 66.46 160.12 -30.76 13.32 36.42	217.65
07 72 13 00-0030	EA	26" x 38"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	944.28 67.22 161.65 -37.75 21.02 42.02	217.65
07 72 13 00-0031	EA	26" x 50"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,019.93 71.39 173.38 -46.16 27.33 42.03	244.86
07 72 13 00-0032	EA	26" x 74"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,086.20 78.01 186.63 -61.55 32.94 47.64	244.86
07 72 13 00-0033	EA	26" x 98"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,134.62 82.86 196.32 19.21 122.10 134.70	244.86
07 72 13 00-0034	EA	26" x 122"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,368.31 102.82 239.65 -102.10 -7.61 32.27	272.07
07 72 13 00-0035	EA	38" x 38"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	946.82 67.48 162.16 11.02 95.02 132.81	217.65
07 72 13 00-0036	EA	38" x 50"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,065.81 75.97 182.56 -58.75 29.44 65.14	244.86
07 72 13 00-0037	EA	38" x 62"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,116.78 81.07 192.75 -72.74 19.65 49.05	244.86
07 72 13 00-0038	EA	38" x 74"	Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,175.40 86.93 204.47 19.53 120.32 147.62	244.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0039 EA 38" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,337.72	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	99.76	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	233.54	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	136.49	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.48	
07 72 13 00-0040 EA 38" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,469.45	299.27
For Sloped Roofs Up To 1 In 12 Pitch, Add	109.54	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	256.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	30.87	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	158.95	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	209.35	
07 72 13 00-0041 EA 50" x 50" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,144.82	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	83.88	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	198.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-75.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.95	
07 72 13 00-0042 EA 50" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,240.87	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	90.08	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	214.17	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-90.91	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-4.82	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.16	
07 72 13 00-0043 EA 50" x 74" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,281.65	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	94.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	222.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-107.71	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-34.22	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.17	
07 72 13 00-0044 EA 50" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,405.73	299.27
For Sloped Roofs Up To 1 In 12 Pitch, Add	103.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	243.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-125.88	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-31.39	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	35.78	
07 72 13 00-0045 EA 51" x 99" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,512.00	326.47
For Sloped Roofs Up To 1 In 12 Pitch, Add	110.39	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	261.59	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	32.44	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	150.03	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	202.53	
07 72 13 00-0046 EA 51" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,638.63	353.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	119.65	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	283.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-173.46	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-41.17	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	30.22	
07 72 13 00-0047 EA 62" x 62" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,281.65	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	94.16	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	222.32	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	95.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	174.91	
07 72 13 00-0048 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,377.70	299.27
For Sloped Roofs Up To 1 In 12 Pitch, Add	100.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	238.13	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-131.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.49	
07 72 13 00-0049 EA 62" x 86" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,504.35	326.47
For Sloped Roofs Up To 1 In 12 Pitch, Add	109.63	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	260.06	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-170.66	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-67.77	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	-6.86	
07 72 13 00-0050 EA 62" x 98" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,537.48	326.47
For Sloped Roofs Up To 1 In 12 Pitch, Add	112.94	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	266.69	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	38.43	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	141.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	246.31	
07 72 13 00-0051 EA 62" x 122" Outside Frame Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,666.66	353.68
For Sloped Roofs Up To 1 In 12 Pitch, Add	122.46	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	289.12	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-215.41	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-110.42	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	23.95	
07 72 13 00-0052 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0003)		

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0053	EA		26" x 26" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	954.47	217.65
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.24	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	163.69	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0054	EA		26" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	962.12	217.65
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.01	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	165.22	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-37.75	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.02	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.02	
07 72 13 00-0055	EA		26" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,032.68	244.86
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.66	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	175.93	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0056	EA		26" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,106.59	244.86
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	80.05	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	190.71	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-61.55	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.94	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	47.64	
07 72 13 00-0057	EA		26" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,162.66	244.86
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	85.66	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	201.93	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	
07 72 13 00-0058	EA		26" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,403.99	272.07
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	106.39	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	246.79	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-102.10	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-7.61	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	32.27	
07 72 13 00-0059	EA		38" x 38" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	962.12	217.65
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.01	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	165.22	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.02	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.02	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.81	
07 72 13 00-0060	EA		38" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,032.68	244.86
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.66	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	175.93	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-58.75	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.44	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.14	
07 72 13 00-0061	EA		38" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,162.66	244.86
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	85.66	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	201.93	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0062	EA		38" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,223.83	244.86
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	91.78	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	214.16	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0063	EA		38" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,368.31	272.07
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	102.82	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	239.65	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0064	EA		38" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,502.59	299.27
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	112.85	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	263.11	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.87	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	158.95	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	209.35	
07 72 13 00-0065	EA		50" x 50" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,165.21	244.86
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	85.91	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	202.44	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0066	EA		50" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,165.21	272.07
			<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.51	
			<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	199.03	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-90.91	
			<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-4.82	
			<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.16	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0067	EA		50" x 74" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,307.14 96.71 227.42 -107.71 -34.22 37.17	272.07
07 72 13 00-0068	EA		50" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,436.32 106.22 249.86 -125.88 -31.39 35.78	299.27
07 72 13 00-0069	EA		51" x 99" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,542.58 113.45 267.71 32.44 150.03 202.53	326.47
07 72 13 00-0070	EA		51" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,674.31 123.22 290.65 -173.46 -41.17 30.22	353.68
07 72 13 00-0071	EA		62" x 62" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,307.14 96.71 227.42 25.83 95.12 174.91	272.07
07 72 13 00-0072	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,405.73 103.16 243.74 -131.48 -28.60 36.49	299.27
07 72 13 00-0073	EA		62" x 86" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,537.48 112.94 266.69 -170.66 -67.77 -6.86	326.47
07 72 13 00-0074	EA		62" x 98" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,570.62 116.25 273.31 38.43 141.32 246.31	326.47
07 72 13 00-0075	EA		62" x 122" Outside Frame Dimensions, 14" Height, 18 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,704.89 126.28 296.77 -215.41 -110.42 23.95	353.68
07 72 13 00-0076			14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0002)		
07 72 13 00-0077			9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0078	EA		26" x 26" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	875.46 60.34 147.89 -30.76 13.32 36.42	217.65
07 72 13 00-0079	EA		26" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	908.59 63.65 154.51 -37.75 21.02 42.02	217.65
07 72 13 00-0080	EA		26" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,040.32 73.43 177.46 -46.16 27.33 42.03	244.86
07 72 13 00-0081	EA		26" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb..... <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,116.78 81.07 192.75 -61.55 32.94 47.64	244.86

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
07 72 13 00-0082	EA	26" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,172.85		244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.68		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	203.96		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70		
07 72 13 00-0083	EA	26" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,444.77		272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	110.47		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	254.95		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-102.10		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-7.61		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	32.27		
07 72 13 00-0084	EA	38" x 38" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	969.76		217.65
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.77		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	166.75		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.02		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.02		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.81		
07 72 13 00-0085	EA	38" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,060.71		244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.46		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	181.54		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-58.75		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.44		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.14		
07 72 13 00-0086	EA	38" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,086.20		244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	78.01		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	186.63		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05		
07 72 13 00-0087	EA	38" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,109.14		244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	80.31		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	191.22		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62		
07 72 13 00-0088	EA	38" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,383.60		272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	104.35		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	242.71		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48		
07 72 13 00-0089	EA	38" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,520.43		299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.63		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	266.68		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.87		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	158.95		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	209.35		
07 72 13 00-0090	EA	50" x 50" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,175.40		244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	86.93		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	204.47		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95		
07 72 13 00-0091	EA	50" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,279.10		272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	93.90		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	221.81		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-90.91		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-4.82		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.16		
07 72 13 00-0092	EA	50" x 74" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,319.88		272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	97.98		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	229.97		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17		
07 72 13 00-0093	EA	50" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,451.61		299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	107.75		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	252.91		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-125.88		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-31.39		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.78		
07 72 13 00-0094	EA	51" x 99" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,557.87		326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.98		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	270.76		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53		
07 72 13 00-0095	EA	51" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,692.15		353.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	125.00		
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	294.22		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-173.46		
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-41.17		
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	30.22		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0096 EA 62" x 62" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,319.88	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	97.98	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	229.97	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0097 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,418.48	299.27
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	104.44	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	246.29	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	
07 72 13 00-0098 EA 62" x 86" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,552.77	326.47
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	114.47	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	269.74	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-170.66	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-67.77	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	-6.86	
07 72 13 00-0099 EA 62" x 98" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,588.46	326.47
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	118.04	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	276.88	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	38.43	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	141.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	246.31	
07 72 13 00-0100 EA 62" x 122" Outside Frame Dimensions, 9" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,725.28	353.68
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	128.32	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	300.85	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-215.41	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-110.42	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	23.95	
07 72 13 00-0101 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0102 EA 26" x 26" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	898.40	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	62.63	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	152.47	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0103 EA 26" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	936.63	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	66.46	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	160.12	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-37.75	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.02	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.02	
07 72 13 00-0104 EA 26" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,078.55	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	77.25	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	185.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0105 EA 26" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,162.66	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	85.66	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	201.93	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-61.55	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.94	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	47.64	
07 72 13 00-0106 EA 26" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,231.47	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	92.54	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	215.69	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	
07 72 13 00-0107 EA 26" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,454.96	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	111.49	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	256.98	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-102.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-7.61	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	32.27	
07 72 13 00-0108 EA 38" x 38" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,002.90	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	73.08	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	173.37	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.02	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.02	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.81	
07 72 13 00-0109 EA 38" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,101.49	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	79.54	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	189.69	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-58.75	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.44	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.14	

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 72 13 00-0110	EA	38" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,134.62	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	82.86	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	196.32	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0111	EA	38" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,165.21	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	85.91	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	202.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0112	EA	38" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,444.77	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	110.47	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	254.95	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0113	EA	38" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,594.34	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	122.03	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	281.46	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.87	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	158.95	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	209.35	
07 72 13 00-0114	EA	50" x 50" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,221.28	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	91.52	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	213.65	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0115	EA	50" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,330.08	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	99.00	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	232.01	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-90.91	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-4.82	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.16	
07 72 13 00-0116	EA	50" x 74" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,378.50	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	103.84	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	241.69	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0117	EA	50" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,512.78	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	113.87	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	265.15	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-125.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-31.39	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.78	
07 72 13 00-0118	EA	51" x 99" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,629.24	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	122.11	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	285.04	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0119	EA	51" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,773.71	353.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	133.16	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	310.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-173.46	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-41.17	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	30.22	
07 72 13 00-0120	EA	62" x 62" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,378.50	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	103.84	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	241.69	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0121	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,484.74	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	111.07	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	259.54	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	
07 72 13 00-0122	EA	62" x 86" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,624.14	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	121.60	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	284.02	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-170.66	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-67.77	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	-6.86	
07 72 13 00-0123	EA	62" x 98" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,662.37	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	125.43	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	291.66	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	38.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	141.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	246.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0124 EA 62" x 122" Outside Frame Dimensions, 12" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,811.94	353.68
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	136.98	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	318.18	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-215.41	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-110.42	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	23.95	
07 72 13 00-0125 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curbs (07 72 13 00-0076)		
07 72 13 00-0126 EA 26" x 26" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	916.24	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	64.42	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	156.04	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0127 EA 26" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	957.02	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.50	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	164.20	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-37.75	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	21.02	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.02	
07 72 13 00-0128 EA 26" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,101.49	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	79.54	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	189.69	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0129 EA 26" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,193.24	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.72	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	208.04	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-61.55	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	32.94	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	47.64	
07 72 13 00-0130 EA 26" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,269.70	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	96.36	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	223.33	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	
07 72 13 00-0131 EA 26" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,536.52	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	119.64	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	273.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-102.10	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-7.61	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	32.27	
07 72 13 00-0132 EA 38" x 38" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,028.38	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.63	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	178.47	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	11.02	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.02	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	132.81	
07 72 13 00-0133 EA 38" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,144.82	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.88	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	198.36	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-58.75	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	29.44	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	65.14	
07 72 13 00-0134 EA 38" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,190.69	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	88.46	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	207.53	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0135 EA 38" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,200.89	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	89.48	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	209.57	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0136 EA 38" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,490.65	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	115.06	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	264.12	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0137 EA 38" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb.....	1,645.31	299.27
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	127.12	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	291.65	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	30.87	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	158.95	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	209.35	

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**
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07 72 13 00-0138	EA	50" x 50" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,251.86	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	94.58	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	219.77	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0139	EA	50" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,242.91	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	90.28	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	214.57	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-90.91	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-4.82	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.16	
07 72 13 00-0140	EA	50" x 74" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,416.73	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	107.67	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	249.34	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0141	EA	50" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,558.66	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	118.46	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	274.32	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-125.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-31.39	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	35.78	
07 72 13 00-0142	EA	51" x 99" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,675.11	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	126.70	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	294.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0143	EA	51" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,829.78	353.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	138.77	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	321.75	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-173.46	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-41.17	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	30.22	
07 72 13 00-0144	EA	62" x 62" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,416.73	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	107.67	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	249.34	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0145	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,530.62	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	115.65	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	268.72	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	
07 72 13 00-0146	EA	62" x 86" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,667.47	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	125.94	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	292.68	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-170.66	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-67.77	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	-6.86	
07 72 13 00-0147	EA	62" x 98" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,713.34	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	130.52	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	301.86	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	38.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	141.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	246.31	
07 72 13 00-0148	EA	62" x 122" Outside Frame Dimensions, 14" Height, 14 Gauge, Insulated Galvanized Steel, Prefabricated Roof Curb	1,868.01	353.68
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	142.59	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	329.39	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-215.41	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-110.42	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	23.95	

07 72 13 00-0149 Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0001)

Note: Includes 1" rigid foam insulation, mill finish galvanized steel exterior wall construction, painted galvanized steel interior wall construction and installation clips.

07 72 13 00-0150 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width
Prefabricated Roof Curbs (07 72 13 00-0149)

07 72 13 00-0151	EA	14-1/2" To 23" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	858.82	217.65
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	58.68	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	144.56	
07 72 13 00-0152	EA	23-1/2" To 32" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb	998.52	217.65
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.65	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	172.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0153 EA 32-1/2" To 41" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,144.22	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	83.82	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	198.24	
07 72 13 00-0154 EA 41" To 49-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,255.77	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	94.97	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	220.55	
07 72 13 00-0155 EA 50" To 58-1/2" Square Outside Dimensions, 6" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,388.65	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	104.86	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	243.72	
07 72 13 00-0156 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)		
07 72 13 00-0157 EA 14-1/2" To 23" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,063.38	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	79.13	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	185.47	
07 72 13 00-0158 EA 23-1/2" To 32" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,252.98	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	98.09	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	223.39	
07 72 13 00-0159 EA 32-1/2" To 41" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,326.33	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	102.03	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	234.66	
07 72 13 00-0160 EA 41" To 49-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,397.61	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	109.15	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	248.92	
07 72 13 00-0161 EA 50" To 58-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,565.42	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	122.53	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	279.08	
07 72 13 00-0162 EA 64" To 72-1/2" Square Outside Dimensions, 12" Height, 18 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	2,510.53	299.27
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	213.64	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	464.70	
07 72 13 00-0163 18" To 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curbs (07 72 13 00-0149)		
07 72 13 00-0164 EA 17-1/2" To 22" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,399.45	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	112.74	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	252.68	
07 72 13 00-0165 EA 24" To 29" Square Outside Dimensions, 24" Height, 16 Gauge, Ventilated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,593.32	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	132.13	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	291.46	
07 72 13 00-0166 EA 31" To 46" Square Outside Dimensions, 18" Height, 16 Gauge, Insulated Galvanized Steel, Adjustable Width Prefabricated Roof Curb.....	1,891.56	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	158.55	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	347.71	
07 72 13 00-0167 Wood, Prefabricated Roof Curbs (07 72 13) Note: Includes Douglas fir construction, galvanized steel corner straps, fasteners, sealants, and installation clips. Includes 3/16" wire mesh, 6" x 6" grids, safety security guard with installation clips. Excludes flashing. See CSI section 07 62 13 00-0000 for flashing and trim.		
07 72 13 00-0168 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0167)		
07 72 13 00-0169 2 x 6 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0169)		
07 72 13 00-0170 EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	714.21	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	44.21	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	115.64	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0171 EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	794.82	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	48.88	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	128.36	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0172 EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb.....	849.42	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	54.34	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	139.28	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**
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07 72 13 00-0173	EA	38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	843.12	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	53.71	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	138.02	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0174	EA	38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	857.82	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	55.18	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	140.96	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0175	EA	38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	961.53	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	62.15	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	158.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0176	EA	50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	853.62	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	54.76	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	140.12	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0177	EA	50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	980.43	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	64.04	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	162.08	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0178	EA	51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,116.47	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.84	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	182.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0179	EA	62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	942.64	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.26	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	154.52	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0180	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,035.84	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	66.18	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	169.76	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	
07 72 13 00-0181	EA	62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed, Prefabricated Roof Curb	1,158.47	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.04	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	190.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	38.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	141.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	246.31	
07 72 13 00-0182		2 x 8 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0168)		
07 72 13 00-0183	EA	26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	726.81	217.65
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	45.47	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	118.16	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0184	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	809.52	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	50.35	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	131.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0185	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	889.31	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	58.32	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	147.26	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	
07 72 13 00-0186	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	868.32	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	56.23	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	143.06	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0187	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	889.31	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	58.32	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	147.26	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0188 EA 38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	993.03	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	65.30	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	164.60	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	136.49	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.48	
07 72 13 00-0189 EA 50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	876.71	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	57.06	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	144.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-75.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.95	
07 72 13 00-0190 EA 50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,009.83	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	66.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	167.96	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-107.71	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-34.22	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.17	
07 72 13 00-0191 EA 51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,145.87	326.47
For Sloped Roofs Up To 1 In 12 Pitch, Add	73.78	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	188.36	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	32.44	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	150.03	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	202.53	
07 72 13 00-0192 EA 62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	965.73	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	62.57	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	159.14	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	95.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	174.91	
07 72 13 00-0193 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,063.14	299.27
For Sloped Roofs Up To 1 In 12 Pitch, Add	68.91	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	175.22	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-131.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.49	
07 72 13 00-0194 EA 62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed, Prefabricated Roof Curb	1,187.86	326.47
For Sloped Roofs Up To 1 In 12 Pitch, Add	77.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	196.76	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	38.43	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	141.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	246.31	
07 72 13 00-0195 2 x 10 Wood Framed, Prefabricated Roof Curbs (07 72 13 00-0188)		
07 72 13 00-0196 EA 26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	735.21	217.65
For Sloped Roofs Up To 1 In 12 Pitch, Add	46.31	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	119.84	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-30.76	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.42	
07 72 13 00-0197 EA 26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	824.22	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	51.82	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	134.24	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-46.16	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	27.33	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	42.03	
07 72 13 00-0198 EA 26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	893.51	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	58.74	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	148.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	122.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	134.70	
07 72 13 00-0199 EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	883.01	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	57.69	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	146.00	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	19.65	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	49.05	
07 72 13 00-0200 EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	908.21	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	60.21	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	151.04	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.53	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	120.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	147.62	
07 72 13 00-0201 EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,014.03	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	67.40	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	168.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	136.49	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.48	
07 72 13 00-0202 EA 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	891.41	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	58.53	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	147.68	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-75.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.95	

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
07 72 13 00-0203	EA	50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,028.73	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.87	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	171.74	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0204	EA	51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,164.77	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	75.67	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	192.14	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0205	EA	62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	980.43	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	64.04	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	162.08	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0206	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,079.94	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.59	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	178.58	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	
07 72 13 00-0207	EA	62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed, Prefabricated Roof Curb	1,208.86	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	80.08	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	200.96	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	38.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	141.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	246.31	
07 72 13 00-0208		2 x 12 Wood Framed, Prefabricated Roof Curbs <small>(07 72 13 00-0168)</small>		
07 72 13 00-0209	EA	26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	745.71	217.65
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	47.36	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	121.94	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0210	EA	26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	832.62	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	52.66	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	135.92	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0211	EA	26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	912.41	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.63	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	151.88	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	
07 72 13 00-0212	EA	38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	929.21	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	62.31	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	155.24	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0213	EA	38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,037.13	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.71	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	173.42	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0214	EA	50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	910.31	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.42	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	151.46	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0215	EA	50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,049.72	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	70.96	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	175.94	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0216	EA	51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,189.96	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	78.19	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	197.18	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0217	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed, Prefabricated Roof Curb	1,096.74	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.27	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	181.94	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0218 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0167)</small>		
07 72 13 00-0219 2 x 6 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0220 EA 26" x 26" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	731.01	217.65
For Sloped Roofs Up To 1 In 12 Pitch, Add	45.89	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	119.00	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-30.76	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.42	
07 72 13 00-0221 EA 26" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	809.52	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	50.35	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	131.30	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-46.16	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	27.33	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	42.03	
07 72 13 00-0222 EA 26" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	876.71	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	57.06	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	144.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.21	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	122.10	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	134.70	
07 72 13 00-0223 EA 38" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	862.02	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	55.60	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	141.80	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-72.74	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	19.65	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	49.05	
07 72 13 00-0224 EA 38" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	880.91	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	57.48	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	145.58	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	19.53	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	120.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	147.62	
07 72 13 00-0225 EA 38" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	986.73	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	64.67	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	163.34	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.20	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	136.49	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	178.48	
07 72 13 00-0226 EA 50" x 50" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	872.52	244.86
For Sloped Roofs Up To 1 In 12 Pitch, Add	56.65	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	143.90	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-75.52	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	16.85	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	39.95	
07 72 13 00-0227 EA 50" x 74" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,003.53	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	66.35	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	166.70	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-107.71	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-34.22	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	37.17	
07 72 13 00-0228 EA 51" x 99" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,139.57	326.47
For Sloped Roofs Up To 1 In 12 Pitch, Add	73.15	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	187.10	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	32.44	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	150.03	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	202.53	
07 72 13 00-0229 EA 62" x 62" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	967.83	272.07
For Sloped Roofs Up To 1 In 12 Pitch, Add	62.78	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	159.56	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	25.83	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	95.12	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	174.91	
07 72 13 00-0230 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,058.94	299.27
For Sloped Roofs Up To 1 In 12 Pitch, Add	68.49	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	174.38	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-131.48	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	-28.60	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.49	
07 72 13 00-0231 EA 62" x 98" Outside Frame Dimensions, 2 x 6 Wood Framed With Liner, Prefabricated Roof Curb	1,187.86	326.47
For Sloped Roofs Up To 1 In 12 Pitch, Add	77.98	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	196.76	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	38.43	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	141.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	246.31	
07 72 13 00-0232 2 x 8 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0233 EA 26" x 26" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	745.71	217.65
For Sloped Roofs Up To 1 In 12 Pitch, Add	47.36	
For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add	121.94	
For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add	-30.76	
For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add	13.32	
For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add	36.42	

07 Thermal And Moisture Protection**07 70 Roof and Wall Specialties and Accessories****07 72 Roof Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

07 72 13 00-0234	EA	26" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	826.32	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	52.03	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	134.66	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0235	EA	26" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	901.91	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	59.58	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	149.78	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	
07 72 13 00-0236	EA	38" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	887.21	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	58.11	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	146.84	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0237	EA	38" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	914.51	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.84	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	152.30	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0238	EA	38" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,024.53	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	68.45	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	170.90	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0239	EA	50" x 50" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	901.91	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	59.58	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	149.78	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0240	EA	50" x 74" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,039.23	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	69.92	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	173.84	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0241	EA	51" x 99" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,179.47	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	77.14	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	195.08	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0242	EA	62" x 62" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	995.13	272.07
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.51	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	165.02	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0243	EA	62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,090.44	299.27
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.64	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	180.68	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	
07 72 13 00-0244	EA	62" x 98" Outside Frame Dimensions, 2 x 8 Wood Framed With Liner, Prefabricated Roof Curb	1,223.56	326.47
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	81.55	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	203.90	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	38.43	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	141.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	246.31	
07 72 13 00-0245		2 x 10 Wood Framed With Liner, Prefabricated Roof Curbs <small>(07 72 13 00-0218)</small>		
07 72 13 00-0246	EA	26" x 26" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	758.31	217.65
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	48.62	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	124.46	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0247	EA	26" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	843.12	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	53.71	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	138.02	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0248	EA	26" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	927.11	244.86
		<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	62.10	
		<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	154.82	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
		<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
		<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0249 EA 38" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	906.11	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	60.00	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	150.62	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-72.74	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	19.65	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	49.05	
07 72 13 00-0250 EA 38" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	939.71	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	63.36	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	157.34	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0251 EA 38" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,051.82	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	71.17	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	176.36	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	
07 72 13 00-0252 EA 50" x 50" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	920.81	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	61.47	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	153.56	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-75.52	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	16.85	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	39.95	
07 72 13 00-0253 EA 50" x 74" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,062.32	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	72.22	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	178.46	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-107.71	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-34.22	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	37.17	
07 72 13 00-0254 EA 51" x 99" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,204.66	326.47
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	79.66	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	200.12	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	32.44	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	150.03	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	202.53	
07 72 13 00-0255 EA 62" x 62" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,016.13	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	67.61	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	169.22	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.83	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	95.12	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	174.91	
07 72 13 00-0256 EA 62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,113.54	299.27
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	73.95	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	185.30	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-131.48	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	-28.60	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.49	
07 72 13 00-0257 EA 62" x 98" Outside Frame Dimensions, 2 x 10 Wood Framed With Liner, Prefabricated Roof Curb	1,250.86	326.47
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	84.28	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	209.36	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	38.43	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	141.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	246.31	
07 72 13 00-0258 2 x 12 Wood Framed With Liner, Prefabricated Roof Curbs (07 72 13 00-0218)		
07 72 13 00-0259 EA 26" x 26" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	783.51	217.65
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	51.14	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	129.50	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-30.76	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	13.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	36.42	
07 72 13 00-0260 EA 26" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	855.72	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	54.97	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	140.54	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	-46.16	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	27.33	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	42.03	
07 72 13 00-0261 EA 26" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	946.01	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	63.99	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	158.60	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.21	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	122.10	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	134.70	
07 72 13 00-0262 EA 38" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	960.71	244.86
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	65.46	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	161.54	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	19.53	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	120.32	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	147.62	
07 72 13 00-0263 EA 38" x 98" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb	1,131.62	272.07
<i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i>	79.15	
<i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i>	192.32	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i>	25.20	
<i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i>	136.49	
<i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	178.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 13 00-0264	EA		50" x 50" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	981.70 67.56 165.73 -75.52 16.85 39.95	244.86
07 72 13 00-0265	EA		50" x 74" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,135.82 79.57 193.16 -107.71 -34.22 37.17	272.07
07 72 13 00-0266	EA		51" x 99" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,288.66 88.06 216.92 32.44 150.03 202.53	326.47
07 72 13 00-0267	EA		62-3/8" x 74-3/8" Outside Frame Dimensions, 2 x 12 Wood Framed With Liner, Prefabricated Roof Curb <i>For Sloped Roofs Up To 1 In 12 Pitch, Add</i> <i>For Sloped Roofs >1 In 12 To 3 In 12 Pitch, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Clip Attached, Safety Security Guard, Add</i> <i>For 3/16" Wire Diameter, 4" x 4" Grids, Z Channel Attached, Safety Security Guard, Add</i> <i>For 1/2" Diameter, 8" On Center, Hot Rolled Steel, Burglar Bars, Add</i>	1,191.23 81.71 200.84 -131.48 -28.60 36.49	299.27
07 72 23 Relief Vents (07 72)					
07 72 23 00-0001			Wind Driven Turbine Ventilators (07 72 23) Note: Excludes curb or flange base.		
07 72 23 00-0002			Galvanized Steel, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0003	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	180.92 210.45	42.60
07 72 23 00-0004	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	216.28 231.88	47.17
07 72 23 00-0005	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	235.06 260.30	56.31
07 72 23 00-0006	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	438.48 402.74	62.39
07 72 23 00-0007	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	599.54 437.44	70.00
07 72 23 00-0008	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	720.86 474.48	76.08
07 72 23 00-0009	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	917.75 577.07	85.21
07 72 23 00-0010	EA		36" Neck Diameter, 26 Gauge, Galvanized Steel, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	1,508.92 932.47	114.12
07 72 23 00-0011			Mill Finish Aluminum, Wind Driven Turbine Ventilators (07 72 23 00-0001)		
07 72 23 00-0012	EA		6" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	172.65 214.52	42.60
07 72 23 00-0013	EA		9" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	213.74 236.79	47.17
07 72 23 00-0014	EA		12" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	240.49 265.04	56.31
07 72 23 00-0015	EA		15" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	417.01 433.87	62.39
07 72 23 00-0016	EA		18" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	535.04 465.39	70.00
07 72 23 00-0017	EA		21" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	673.05 522.45	76.08
07 72 23 00-0018	EA		24" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	904.00 627.71	85.21
07 72 23 00-0019	EA		36" Neck Diameter, 0.025", Mill Finish Aluminum, Outside Braced, Wind Driven Turbine Ventilator <i>For Curb Or Flange Base, Add</i>	1,342.85 936.02	114.12
07 72 23 00-0020			Stationary Siphon Ventilators (07 72 23) Note: Excludes curb or flange base.		
07 72 23 00-0021			Galvanized Steel, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0022	EA		6" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	154.56 210.45	42.60
07 72 23 00-0023	EA		9" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	201.21 231.88	47.17
07 72 23 00-0024	EA		12" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	222.70 260.30	56.31
07 72 23 00-0025	EA		15" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	370.85 402.74	62.39
07 72 23 00-0026	EA		18" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	428.37 437.44	70.00
07 72 23 00-0027	EA		21" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	599.89 474.48	76.08
07 72 23 00-0028	EA		24" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	777.55 577.07	85.21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 23 00-0029 EA 36" Neck Diameter, 26 Gauge, Galvanized Steel, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	1,124.32 932.47	114.12
07 72 23 00-0030 Mill Finish Aluminum, Stationary Siphon Ventilators (07 72 23 00-0020)		
07 72 23 00-0031 EA 6" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	166.44 214.52	42.60
07 72 23 00-0032 EA 9" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	217.45 236.79	47.17
07 72 23 00-0033 EA 12" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	243.61 265.04	56.31
07 72 23 00-0034 EA 15" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	387.78 433.87	62.39
07 72 23 00-0035 EA 18" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	485.38 465.39	70.00
07 72 23 00-0036 EA 21" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	592.33 522.45	76.08
07 72 23 00-0037 EA 24" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	841.94 627.71	85.21
07 72 23 00-0038 EA 36" Neck Diameter, 0.025", Mill Finish Aluminum, Stationary Siphon Ventilator <i>For Curb Or Flange Base, Add</i>	1,263.52 936.02	114.12
07 72 23 00-0039 Spun Aluminum, Stationary Mushroom Gravity Ventilators (07 72 23)		
Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0040 EA 8" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	348.46 168.58 264.00	68.47
07 72 23 00-0041 EA 10" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	426.22 184.44 288.95	76.08
07 72 23 00-0042 EA 12" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	484.09 251.87 365.38	91.30
07 72 23 00-0043 EA 16" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	586.25 287.57 422.35	100.43
07 72 23 00-0044 EA 24" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	1,510.50 360.95 556.99	136.95
07 72 23 00-0045 EA 30" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	1,841.41 426.40 664.78	158.25
07 72 23 00-0046 EA 36" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	2,497.25 426.40 695.05	182.60
07 72 23 00-0047 EA 42" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	3,489.23 446.23 721.91	197.82
07 72 23 00-0048 EA 48" Orifice Diameter, Spun Aluminum, Stationary Mushroom Gravity Ventilator <i>For Backdraft Damper, Add For Curb Base, Add</i>	4,994.87 495.81 810.23	213.03
07 72 23 00-0049 Galvanized Steel, Stationary Gooseneck Ventilators (07 72 23)		
Note: Includes flange base and bird screen. Excludes curb.		
07 72 23 00-0050 EA 8" x 8", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	631.40	76.08
07 72 23 00-0051 EA 12" x 12", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	744.26	100.43
07 72 23 00-0052 EA 16" x 16", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,069.11	136.95
07 72 23 00-0053 EA 24" x 24", 26 Gauge, Galvanized Steel, Stationary Gooseneck Ventilator	1,641.50	158.25
07 72 26 Ridge Vents (07 72)		
07 72 26 00-0001 Aluminum Ridge Vents (07 72 26)		
07 72 26 00-0002 LF Aluminum Ridge Vent Strips	17.08	4.42
07 72 26 00-0003 EA Aluminum Ridge Univent Connectors	68.84	27.43
07 72 26 00-0004 EA Aluminum Ridge Univent End Cap	64.45	27.43
07 72 26 00-0005 Galvanized Ridge Vents (07 72 26)		
07 72 26 00-0006 LF Galvanized Sheet Metal Ridge Vent Strips	16.11	4.72
07 72 29 Rafter Vent (07 72)		
07 72 29 00-0001 Rafter Vent (07 72 29)		
Note: Built-in baffle is designed to help keep air flowing freely from soffits to ridge vents.		
07 72 29 00-0002 EA 22" x 4' Rafter Vent	10.80	
07 72 29 00-0003 EA 14" x 4' Rafter Vent	9.75	
07 72 33 Roof Hatches (07 72)		
Note: Includes curb with integral insulation, lockable hatch and gaskets.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 33 00-0001			Galvanized Steel Cover And Curb <small>(07 72 33)</small>		
07 72 33 00-0002	EA		2'-6" x 3'-0" Galvanized Steel Roof Hatch	1,339.05	184.03
07 72 33 00-0003	EA		2'-6" x 4'-6" Galvanized Steel Roof Hatch	1,938.59	204.49
07 72 33 00-0004	EA		2'-6" x 8'-0" Galvanized Steel Roof Hatch	3,390.10	278.86
07 72 33 00-0005	EA		3'-0" x 3'-0" Galvanized Steel Roof Hatch	1,905.97	204.49
07 72 33 00-0006	EA		4'-0" x 4'-0" Galvanized Steel Roof Hatch	2,149.35	227.24
07 72 33 00-0007	EA		3'-0" x 8'-0" Galvanized Steel Roof Hatch	3,502.08	309.92
07 72 33 00-0008			Aluminum Cover And Curb <small>(07 72 33)</small>		
07 72 33 00-0009	EA		2'-6" x 3'-0" Aluminum Roof Hatch	1,358.82	184.03
07 72 33 00-0010	EA		2'-6" x 4'-6" Aluminum Roof Hatch	1,756.37	204.49
07 72 33 00-0011	EA		2'-6" x 8'-0" Aluminum Roof Hatch	3,166.23	278.86
07 72 33 00-0012	EA		3'-0" x 3'-0" Aluminum Roof Hatch	1,715.56	204.49
07 72 33 00-0013	EA		4'-0" x 4'-0" Aluminum Roof Hatch	3,022.07	227.24
07 72 33 00-0014	EA		3'-0" x 8'-0" Aluminum Roof Hatch	3,334.85	309.92
07 72 33 00-0015	EA		3'-0" x 2'-6" Aluminum Roof Scuttle With Skylight.....	1,915.64	204.49
07 72 33 00-0016			Steel, Plain, Primed <small>(07 72 33)</small>		
07 72 33 00-0017	EA		2'-6" x 3'-0" Plain Steel Roof Hatch Primed	1,287.11	184.03
07 72 33 00-0018	EA		2'-6" x 4'-6" Plain Steel Roof Hatch Primed	1,722.83	204.49
07 72 33 00-0019	EA		2'-6" x 8'-0" Plain Steel Roof Hatch Primed	2,359.65	278.86
07 72 33 00-0020	EA		3'-0" x 3'-0" Plain Steel Roof Hatch Primed	1,599.24	204.49
07 72 33 00-0021	EA		4'-0" x 4'-0" Plain Steel Roof Hatch Primed	1,951.47	227.24
07 72 33 00-0022	EA		3'-0" x 8'-0" Plain Steel Roof Hatch Primed	2,651.16	309.92
07 72 33 00-0023			Stainless Steel <small>(07 72 33)</small>		
07 72 33 00-0024	EA		2'-6" x 3'-0" Stainless Steel Roof Hatch	2,979.07	184.03
07 72 33 00-0025	EA		2'-6" x 4'-6" Stainless Steel Roof Hatch	5,662.02	204.49
07 72 33 00-0026	EA		2'-6" x 8'-0" Stainless Steel Roof Hatch	8,506.89	278.86
07 72 33 00-0027	EA		3'-0" x 3'-0" Stainless Steel Roof Hatch	4,550.80	204.49
07 72 33 00-0028	EA		4'-0" x 4'-0" Stainless Steel Roof Hatch	9,567.96	227.24
07 72 33 00-0029	EA		3'-0" x 8'-0" Stainless Steel Roof Hatch	10,729.37	309.92
07 72 33 00-0030			Removal And Reinstallation Of Roof Hatch <small>(07 72 33)</small>		
			Note: Includes storage, cleaning and supply materials.		
07 72 33 00-0031	EA		Removal And Reinstallation Of Roof Hatch (All Types)	566.06	
07 72 33 00-0032			Aluminum Cover And Galvanized Steel Curb <small>(07 72 33)</small>		
07 72 33 00-0033	EA		Aluminum Cover, Galvanized Steel Curb 3'-0" x 2'-6" Roof	1,317.88	204.49
07 72 33 00-0034	EA		Aluminum Cover, Galvanized Steel Curb 2'-6" x 4'-6" Roof	1,715.42	227.24
07 72 33 00-0035	EA		Aluminum Cover, Galvanized Steel Curb 2'-6" x 8'-0" Roof	3,059.78	309.79
07 72 33 00-0036	EA		Aluminum Cover, Galvanized Steel Curb 3'-0" x 3'-0" Roof	1,682.80	210.87
07 72 33 00-0037	EA		Aluminum Cover, Galvanized Steel Curb 4'-0" x 4'-0" Roof	2,932.00	233.62
07 72 33 00-0038			Roof Hatch Accessories <small>(07 72 33)</small>		
07 72 33 00-0039	EA		Enamel Steel, Roof Hatch Ladderup Safety Post	823.06	95.86
07 72 33 00-0040			Roof Hatch Safety Railing <small>(07 72 33)</small>		
			Note: Included mounting bracket to attach to roof hatch		
07 72 33 00-0041	EA		24" x 24" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,060.96	
07 72 33 00-0042	EA		24" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,140.33	
07 72 33 00-0043	EA		30" x 30" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,192.35	
07 72 33 00-0044	EA		30" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,382.94	
07 72 33 00-0045	EA		36" x 36" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	2,603.22	
07 72 33 00-0046	EA		48" x 48" Painted Steel, Roof Hatch Safety Railing With Self Closing Gate	3,313.42	
07 72 36			Smoke Vents <small>(07 72)</small>		
07 72 36 00-0001			Fire Vent <small>(07 72 36)</small>		
07 72 36 00-0002			Galvanized Steel Covers And Curb <small>(07 72 36 00-0001)</small>		
07 72 36 00-0003	EA		4'-0" x 4'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,342.69	170.49
07 72 36 00-0004	EA		4'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	3,854.12	234.39
07 72 36 00-0005	EA		4'-0" x 7'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,390.69	255.73
07 72 36 00-0006	EA		4'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	4,479.12	268.51
07 72 36 00-0007	EA		5'-0" x 5'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,179.99	234.39
07 72 36 00-0008	EA		5'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,508.77	255.73
07 72 36 00-0009	EA		5'-0" x 7'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,817.75	277.08
07 72 36 00-0010	EA		5'-0" x 8'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,621.46	298.42
07 72 36 00-0011	EA		5'-0" x 10'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	8,206.85	319.63
07 72 36 00-0012	EA		5'-6" x 5'-6" Galvanized Steel Covers And Curb, Smoke And Fire Vent	5,511.02	277.08
07 72 36 00-0013	EA		5'-6" x 12'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	11,543.58	340.97
07 72 36 00-0014	EA		6'-0" x 6'-0" Galvanized Steel Covers And Curb, Smoke And Fire Vent	6,361.11	362.32

	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 36 00-0015 Aluminum Covers And Galvanized Steel Curb <small>(07 72 36 00-0001)</small>					
	07 72 36 00-0016	EA	4'-0" x 4'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	2,908.65	170.49
	07 72 36 00-0017	EA	4'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,340.24	234.39
	07 72 36 00-0018	EA	4'-0" x 7'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,757.04	255.73
	07 72 36 00-0019	EA	4'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,890.85	268.51
	07 72 36 00-0020	EA	5'-0" x 5'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	3,774.22	234.39
	07 72 36 00-0021	EA	5'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,813.34	255.73
	07 72 36 00-0022	EA	5'-0" x 7'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	5,148.25	277.08
	07 72 36 00-0023	EA	5'-0" x 8'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	5,016.42	298.42
	07 72 36 00-0024	EA	5'-0" x 10'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	7,029.97	319.63
	07 72 36 00-0025	EA	5'-6" x 5'-6" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,861.65	277.08
	07 72 36 00-0026	EA	5'-6" x 12'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	9,207.29	340.97
	07 72 36 00-0027	EA	6'-0" x 6'-0" Aluminum Covers And Galvanized Steel Curb, Smoke And Fire Vent	4,784.73	362.32
07 72 36 00-0028 Aluminum Covers And Curb <small>(07 72 36 00-0001)</small>					
	07 72 36 00-0029	EA	4'-0" x 4'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,170.68	170.49
	07 72 36 00-0030	EA	4'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,774.22	234.39
	07 72 36 00-0031	EA	4'-0" x 7'-6" Aluminum Covers And Curb, Smoke And Fire Vent	4,141.90	255.73
	07 72 36 00-0032	EA	4'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	4,382.15	268.51
	07 72 36 00-0033	EA	5'-0" x 5'-0" Aluminum Covers And Curb, Smoke And Fire Vent	3,970.74	234.39
	07 72 36 00-0034	EA	5'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,018.05	255.73
	07 72 36 00-0035	EA	5'-0" x 7'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,328.39	277.08
	07 72 36 00-0036	EA	5'-0" x 8'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,507.72	298.42
	07 72 36 00-0037	EA	5'-0" x 10'-0" Aluminum Covers And Curb, Smoke And Fire Vent	6,677.87	319.63
	07 72 36 00-0038	EA	5'-6" x 5'-6" Aluminum Covers And Curb, Smoke And Fire Vent	5,090.93	277.08
	07 72 36 00-0039	EA	5'-6" x 12'-0" Aluminum Covers And Curb, Smoke And Fire Vent	10,050.70	340.97
	07 72 36 00-0040	EA	6'-0" x 6'-0" Aluminum Covers And Curb, Smoke And Fire Vent	5,276.04	362.32
07 72 36 00-0041 Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb <small>(07 72 36)</small>					
	07 72 36 00-0042	EA	4'-0" x 4'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,137.93	169.98
	07 72 36 00-0043	EA	4'-0" x 6'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	3,978.91	234.39
	07 72 36 00-0044	EA	4'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,210.18	268.51
	07 72 36 00-0045	EA	5'-0" x 5'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,511.18	234.39
	07 72 36 00-0046	EA	5'-0" x 8'-0" Polycarbonate Translucent Cover With Aluminum Frame And Aluminum Curb, Smoke And Fire Vent	4,770.79	298.42
07 72 46 Roof Walkways <small>(07 72)</small>					
07 72 46 00-0001 Recycled Rubber Walkway Pads <small>(07 72 46)</small>					
	07 72 46 00-0002	SF	3/8" Thick, Button Surface, Recycled Rubber Walkway Pad	11.67	2.60
			<i>For Diamond Surface, Add</i>	1.10	
	07 72 46 00-0003	SF	1/2" Thick, Button Surface, Recycled Rubber Walkway Pad	13.04	3.12
			<i>For Diamond Surface, Add</i>	1.28	
	07 72 46 00-0004	SF	3/4" Thick, Button Surface, Recycled Rubber Walkway Pad	14.40	3.12
			<i>For Diamond Surface, Add</i>	1.43	
07 72 53 Snow Guards <small>(07 72)</small>					
07 72 53 00-0001 Snow Guards For Shingle And Tile Roofs <small>(07 72 53)</small>					
	07 72 53 00-0002	EA	6-5/8" Length, 1-1/2" Width, Copper Snow Guards For Shingle And Tile Roofs	23.64	2.68
	07 72 53 00-0003	EA	6-5/8" Length, 1-1/2" Width, Lead Coated Copper Snow Guards For Shingle And Tile Roofs	25.94	2.68
	07 72 53 00-0004	EA	6-5/8" Length, 1-1/2" Width, Stainless Steel Snow Guards For Shingle And Tile Roofs	24.42	2.68
	07 72 53 00-0005	EA	6-5/8" Length, 1-1/2" Width, Aluminum Snow Guards For Shingle And Tile Roofs	13.81	2.68
07 72 53 00-0006 Snow Guards For Metal Roofs <small>(07 72 53)</small>					
<i>Note: Aluminum construction.</i>					
	07 72 53 00-0007	EA	Mill Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	28.88	5.44
	07 72 53 00-0008	EA	Black Primer Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	32.05	5.44
	07 72 53 00-0009	EA	Bronze Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	47.04	5.44
	07 72 53 00-0010	EA	Painted Finish, Up To 9/32" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® RT 300)	46.37	5.44
	07 72 53 00-0011	EA	Mill Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	43.68	6.35
	07 72 53 00-0012	EA	Black Primer Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	47.66	6.35
	07 72 53 00-0013	EA	Painted Finish, Up To 1/2" Seams, Standing Seam Metal Roof Snow Guard (Berger Real Tool® AP 516)	59.39	6.35
	07 72 53 00-0014	EA	Mill Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	25.24	4.77
			<i>For Mechanically Fastened, Add</i>	9.53	
	07 72 53 00-0015	EA	Black Primer Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	28.53	4.77
			<i>For Mechanically Fastened, Add</i>	9.53	
	07 72 53 00-0016	EA	Painted Finish, Adhesive Surface Mount, Metal Roof Snow Guard (Berger Real Tool® SM)	39.71	4.77
			<i>For Mechanically Fastened, Add</i>	9.53	
	07 72 53 00-0017	EA	Polycarbonate, Adhesive Surface Mount, Metal Roof Snow Guard (Zaleski #15)	15.51	4.77
			<i>Note: Can be used for metal, rubber, PVC, TPO or glass roofing.</i>		
			<i>For Mechanically Fastened, Add</i>	12.70	
07 72 53 00-0018 Snow Breaker For Roofs <small>(07 72 53)</small>					

07	Thermal And Moisture Protection
07 70	Roof and Wall Specialties and Accessories
07 72	Roof Accessories

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 53 00-0019 EA Up To 50 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	19.48	6.35
07 72 53 00-0020 EA >50 To 150 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount.....	18.38	6.35
07 72 53 00-0021 EA >150 To 500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount.....	17.83	6.35
07 72 53 00-0022 EA >500 Each, 2.875" Tall Plastic Snow Breaker, Adhesive Mount	17.17	6.35
07 72 53 00-0023 Ice Breaker For Vents (07 72 53)		
07 72 53 00-0024 EA Ice Breaker For Vents Up to 4", Mechanically Fastened.....	150.36	
07 72 53 00-0025 EA Ice Breaker For Vents And Stacks >4" To 14" Diameter, Mechanically Fastened	172.53	
07 72 53 00-0026 Pipe Style, Snow Guards For Metal Roofs (07 72 53)		
07 72 53 00-0027 Pipe Style, Standing Seam Metal Roof Snow Guard Clamps (07 72 53 00-0026)		
Note: Aluminum construction. Includes clamp for attaching to standing seam. Excludes tubing.		
07 72 53 00-0028 EA Single Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	73.13	19.05
07 72 53 00-0029 EA Single Tube, "T2 or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 2000).....	86.63	19.05
07 72 53 00-0030 EA Double Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000)	97.41	19.05
07 72 53 00-0031 EA Double Tube, "T2K or Z2K" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 4000).....	120.60	19.05
07 72 53 00-0032 EA Triple Tube, "U" Clamp, Pipe Style, Standing Seam Metal Roof Snow Guard Clamp (Alpine SnowGuards® 6000).....	124.72	22.86
07 72 53 00-0033 Tubing For Snow Guard Clamps (07 72 53 00-0026)		
07 72 53 00-0034 LF 1" Outside Diameter Aluminum Tubing For Snow Guard Clamps (Alpine SnowGuards®).....	15.28	4.57
Note: Includes end caps, collars and couplings.		
07 72 53 00-0035 LF 1" Outside Diameter Brass Or Stainless Steel Tubing For Snow Guard Clamps (Alpine SnowGuards®)	29.61	4.57
Note: Includes end caps, collars and couplings.		
07 72 56 Snow/Ice Melt Cable (07 72)		
07 72 56 00-0001 Self Regulating Heating Cable For Roofs And Gutters (07 72 56)		
07 72 56 00-0002 LF 12 Watt, 120 Volt, Self Regulating Low Temperature Cable For Roofs And Gutters	16.50	1.08
Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0003 LF 12 Watt, 208/277 Volt Self Regulating Low Temperature Cable For Roofs And Gutters	17.76	1.08
Note: Nickel-coated copper braided cable with weatherproof jacket.		
07 72 56 00-0004 EA Power Connection, End Seal And Warning Labels Kit For Self Regulating Heating Cable For Roofs And Gutters.....	235.52	81.62
07 72 56 00-0005 EA Splice Kit For Self Regulating Heating Cable For Roofs And Gutters	180.52	59.86
07 72 56 00-0006 EA Edge Of Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	8.71	3.26
For >5, Deduct		
07 72 56 00-0007 EA Roof Cable Clips For Self Regulating Heating Cable For Roofs And Gutters	-0.65	
For >5, Deduct		
07 72 56 00-0008 EA Downspout Hanger Kit For Self Regulating Heating Cable For Roofs And Gutters	62.56	8.17
07 72 56 00-0009 EA 120 Volt AC, Snow Switch, Automatic Control For Melting Snow	1,037.00	65.30
07 72 56 00-0010 EA Automatic Gutter Ice Melting Control	1,425.32	81.62
07 72 63 Waste Containment Assemblies (07 72)		
07 72 63 00-0001 Rooftop Oil And Grease Containment System (07 72 63)		
07 72 63 00-0002 Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD-E) (07 72 63 00-0001)		
07 72 63 00-0003 EA 48" Length, 48" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100-E).....	2,991.09	214.62
07 72 63 00-0004 EA 60" Length, 60" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101-E).....	3,350.50	214.62
07 72 63 00-0005 EA 60" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106-E).....	4,122.02	223.21
07 72 63 00-0006 EA 72" Length, 72" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102-E).....	4,101.47	223.21
07 72 63 00-0007 EA 72" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103-E).....	5,372.36	241.45
07 72 63 00-0008 EA 72" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111-E).....	4,175.69	241.45
07 72 63 00-0009 EA 90" Length, 90" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105-E).....	4,648.79	286.09
07 72 63 00-0010 EA 108" Length, 108" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112-E).....	6,866.43	357.67
07 72 63 00-0011 EA 120" Length, 120" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107-E).....	8,551.01	357.67
07 72 63 00-0012 EA 144" Length, 144" Width, 3.5" Height, Light Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113-E).....	10,862.17	357.67
07 72 63 00-0013 Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD) (07 72 63 00-0001)		
07 72 63 00-0014 EA 48" Length, 48" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD100)	3,694.60	214.62
07 72 63 00-0015 EA 60" Length, 60" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD101)	4,161.99	214.62

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0016 EA 60" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD106)	5,154.34	223.21
07 72 63 00-0017 EA 72" Length, 72" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD102)	5,246.81	223.21
07 72 63 00-0018 EA 72" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD103)	7,514.03	241.45
07 72 63 00-0019 EA 72" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD111)	8,248.47	241.45
07 72 63 00-0020 EA 90" Length, 90" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD105)	7,648.16	286.09
07 72 63 00-0021 EA 108" Length, 108" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD112)	8,602.36	357.67
07 72 63 00-0022 EA 120" Length, 120" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD107)	10,795.40	357.67
07 72 63 00-0023 EA 144" Length, 144" Width, 3.5" Height, Heavy Duty, Rooftop Oil And Grease Containment System (Grease Guard® GRD113)	13,799.90	357.67
07 72 63 00-0024 Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63)</small> Note: Includes removing old filters and installing new filters.		
07 72 63 00-0025 Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0024)</small>		
07 72 63 00-0026 Light Duty, Top And Center Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0025)</small>		
07 72 63 00-0027 SET 48" Length, 48" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-E)	248.13	
07 72 63 00-0028 SET 60" Length, 60" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-E)	350.86	
07 72 63 00-0029 SET 60" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-E)	504.92	
07 72 63 00-0030 SET 72" Length, 72" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-E)	464.30	
07 72 63 00-0031 SET 72" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-E)	875.17	
07 72 63 00-0032 SET 72" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-E)	885.44	
07 72 63 00-0033 SET 90" Length, 90" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-E)	680.48	
07 72 63 00-0034 SET 108" Length, 108" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-E)	885.91	
07 72 63 00-0035 SET 120" Length, 120" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-E)	1,301.92	
07 72 63 00-0036 SET 144" Length, 144" Width, 3.5" Height, Light Duty, Top And Center Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-E)	1,717.93	
07 72 63 00-0037 Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0024)</small>		
07 72 63 00-0038 Light Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0037)</small>		
07 72 63 00-0039 SET 48" Length, 48" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-EC)	521.01	
07 72 63 00-0040 SET 60" Length, 60" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-EC)	695.64	
07 72 63 00-0041 SET 60" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-EC)	1,014.07	
07 72 63 00-0042 SET 72" Length, 72" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-EC)	942.63	
07 72 63 00-0043 SET 72" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-EC)	1,820.87	
07 72 63 00-0044 SET 72" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-EC)	1,831.13	
07 72 63 00-0045 SET 90" Length, 90" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-EC)	1,353.95	
07 72 63 00-0046 SET 108" Length, 108" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-EC)	1,831.60	
07 72 63 00-0047 SET 120" Length, 120" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-EC)	2,689.29	
07 72 63 00-0048 SET 144" Length, 144" Width, 3.5" Height, Light Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-EC)	3,582.94	
07 72 63 00-0049 Heavy Duty, Complete Replacement Filter Sets For Rooftop Oil And Grease Containment System <small>(07 72 63 00-0037)</small>		
07 72 63 00-0050 SET 48" Length, 48" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL100-C)	649.42	
07 72 63 00-0051 SET 60" Length, 60" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL101-C)	808.63	
07 72 63 00-0052 SET 60" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL106-C)	1,188.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 72 63 00-0053	SET		72" Length, 72" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL102-C).....	1,122.39	
07 72 63 00-0054	SET		72" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL103-C).....	2,195.78	
07 72 63 00-0055	SET		72" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL111-C).....	2,185.52	
07 72 63 00-0056	SET		90" Length, 90" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL105-C).....	1,590.22	
07 72 63 00-0057	SET		108" Length, 108" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL112-C).....	2,206.51	
07 72 63 00-0058	SET		120" Length, 120" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL107-C).....	3,100.17	
07 72 63 00-0059	SET		144" Length, 144" Width, 3.5" Height, Heavy Duty, Complete Replacement Filter Set For Rooftop Oil And Grease Containment System (Grease Guard® FIL113-C).....	4,317.38	

07 73 Roof Protection Board (07 70)

07 73 00 00-0001 Roof Protection Board (07 73)

Note: Use these items for specified related installations with systems per CSI section 07 50 00. Items are for single layer of panels attached per FM I-90 requirements.

07 73 00 00-0002 Cold Adhesive Applied, Roof Protection Board (Georgia-Pacific

DensDeck®) (07 73 00 00-0001)

07 73 00 00-0003	SF		1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	3.80	0.53
			<i>For No Adhesive, Deduct</i>	-0.90	
07 73 00 00-0004	SF		1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.29	0.59
			<i>For No Adhesive, Deduct</i>	-0.92	
07 73 00 00-0005	SF		5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck®).....	4.52	0.64
			<i>For No Adhesive, Deduct</i>	-0.94	
07 73 00 00-0006	SF		1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	3.86	0.53
			<i>For No Adhesive, Deduct</i>	-0.90	
07 73 00 00-0007	SF		1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.37	0.59
			<i>For No Adhesive, Deduct</i>	-0.92	
07 73 00 00-0008	SF		5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Cold Adhesive Applied (Georgia-Pacific DensDeck® Prime).....	4.60	0.64
			<i>For No Adhesive, Deduct</i>	-0.94	

07 73 00 00-0009 Hot-Mopped, Roof Protection Board (Georgia-Pacific DensDeck®) (07 73 00 00-0001)

07 73 00 00-0010	SF		1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	3.62	0.53
07 73 00 00-0011	SF		1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.14	0.59
07 73 00 00-0012	SF		5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck®).....	4.38	0.64
07 73 00 00-0013	SF		1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	3.68	0.53
07 73 00 00-0014	SF		1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.22	0.59
07 73 00 00-0015	SF		5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Hot-Mopped (Georgia-Pacific DensDeck® Prime).....	4.47	0.64

07 73 00 00-0016 Mechanically Fastened, Roof Protection Board (Georgia-Pacific

DensDeck®) (07 73 00 00-0001)

Note: Mechanically fastened to wood or steel.

07 73 00 00-0017	SF		1/4" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	3.61	0.53
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.62	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.60	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 73 00 00-0018	SF		1/2" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	4.10	0.59
			<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
			<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
			<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
			<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.70	
			<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
			<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
			<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.68	
			<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 73 00 00-0019 SF 5/8" Thick, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck®).....	4.33	0.64
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.75	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.73	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 73 00 00-0020 SF 1/4" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	3.67	0.53
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.62	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.60	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 73 00 00-0021 SF 1/2" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	4.19	0.59
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.70	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.68	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	
07 73 00 00-0022 SF 5/8" Thick, Surface Primed, Fiberglass Mat Faced, Moisture Resistant Gypsum Core, Roof Protection Board, Mechanically Fastened (Georgia-Pacific DensDeck® Prime).....	4.41	0.64
<i>For Mechanically Fastened To Concrete, Add</i>	1.43	
<i>For Mechanically Fastened To Gypsum, Add</i>	1.92	
<i>For Mechanically Fastened To Wood Or Steel, >90 To 120 MPH Wind, Add</i>	0.70	
<i>For Mechanically Fastened To Concrete, >90 To 120 MPH Wind, Add</i>	2.75	
<i>For Mechanically Fastened To Gypsum, >90 To 120 MPH Wind, Add</i>	2.41	
<i>For Mechanically Fastened To Wood Or Steel, >120 To 135 MPH Wind, Add</i>	1.06	
<i>For Mechanically Fastened To Concrete, >120 To 135 MPH Wind, Add</i>	3.73	
<i>For Mechanically Fastened To Gypsum, >120 To 135 MPH Wind, Add</i>	3.63	

07 76 Roof Pavers (07 70)

07 76 16 Roof Decking Pavers (07 76)

07 76 16 00-0001 Roof Pavers (07 76 16)

Note: For walkway application over roofing system.

07 76 16 00-0002 SF Up To 100 SF, 2" Concrete Roof Paver.....	11.87	6.76
<i>For 1-1/2" Thickness, Deduct</i>	-1.19	
<i>For 2-1/2" Thickness, Add</i>	1.34	
<i>For 3" Thickness, Add</i>	2.68	
07 76 16 00-0003 SF >100 To 200 SF, 2" Concrete Roof Paver.....	10.67	5.10
<i>For 1-1/2" Thickness, Deduct</i>	-1.07	
<i>For 2-1/2" Thickness, Add</i>	1.21	
<i>For 3" Thickness, Add</i>	2.42	
07 76 16 00-0004 SF >200 To 400 SF, 2" Concrete Roof Paver.....	9.99	4.06
<i>For 1-1/2" Thickness, Deduct</i>	-1.00	
<i>For 2-1/2" Thickness, Add</i>	1.13	
<i>For 3" Thickness, Add</i>	2.27	
07 76 16 00-0005 SF >400 To 1,000 SF, 2" Concrete Roof Paver.....	9.57	3.54
<i>For 1-1/2" Thickness, Deduct</i>	-0.96	
<i>For 2-1/2" Thickness, Add</i>	1.08	
<i>For 3" Thickness, Add</i>	2.17	
07 76 16 00-0006 SF >1,000 SF, 2" Concrete Roof Paver.....	9.05	3.22
<i>For 1-1/2" Thickness, Deduct</i>	-0.91	
<i>For 2-1/2" Thickness, Add</i>	1.02	
<i>For 3" Thickness, Add</i>	2.05	

07 76 16 00-0007 Roof Paver Pedestal (07 76 16)

07 76 16 00-0008 EA 2" To 3" High Adjustable Roof Paver Pedestal, 2" Base, 2" Top (Hanover Elevator).....	24.66	1.07
07 76 16 00-0009 EA 3" To 4-3/4" High Adjustable Roof Paver Pedestal, 3" Base, 3" Top (Hanover Elevator).....	25.73	1.07
07 76 16 00-0010 EA 4-3/4" To 7-3/4" High Adjustable Roof Paver Pedestal, 4" Base, 4" Top (Hanover Elevator).....	26.81	1.07
07 76 16 00-0011 EA Adjustable Roof Paver Pedestal Coupler, Adds 2-1/2" To 4" (Hanover Elevator).....	13.82	1.07
07 76 16 00-0012 EA Stay Bar, Used With Roof Paver Pedestals >16' High (Hanover Elevator).....	11.94	1.07
07 76 16 00-0013 EA 5/8" High Tab Roof Paver Pedestal (Hanover High Tab Pedestal).....	12.24	1.07
Note: Stackable.		
07 76 16 00-0014 EA 1/16" And 1/8" Flexible Leveling Plates For Roof Paver Pedestal.....	6.93	1.07
Note: Used with High Tab and Elevator pedestals.		
07 76 16 00-0015 EA Roof Paver Leveling System, Twist To Adjust Pitch (Hanover Compensator).....	9.00	1.07
Note: Each Compensator levels 1/8" of slope and are stackable. Used with High Tab and Elevator pedestals.		

07 76 19 Composite Insulation Concrete Protection Board (07 76)

Note: Manufactured by T. Clear Corp. 25 year warranty.

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

07 76 19 00-0001	Composite Insulation Concrete Protection Board <small>(07 76 19)</small>		
	Note: Manufactured by T. Clear Corp. 25 year warranty.		
07 76 19 00-0002	SF 2" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	5.77	
	<i>For 20 Year Warranty, Deduct</i>	-0.35	
	<i>For 15 Year Warranty, Deduct</i>	-0.71	
	<i>For 10 Year Warranty, Deduct</i>	-0.96	
	<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0003	SF 3" Extruded Polystyrene Insulation Board Lightguard Composite With 3/8" Latex Modified Concrete, 4.5 PSF.....	7.57	
	<i>For 20 Year Warranty, Deduct</i>	-0.50	
	<i>For 15 Year Warranty, Deduct</i>	-1.01	
	<i>For 10 Year Warranty, Deduct</i>	-1.37	
	<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0004	SF 2" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF.....	8.89	
	<i>For 20 Year Warranty, Deduct</i>	-0.58	
	<i>For 15 Year Warranty, Deduct</i>	-1.17	
	<i>For 10 Year Warranty, Deduct</i>	-1.59	
	<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	
07 76 19 00-0005	SF 3" Extruded Polystyrene Insulation Board Heavyguard Composite With 15/16" Latex Modified Concrete, 11 PSF.....	10.77	
	<i>For 20 Year Warranty, Deduct</i>	-0.73	
	<i>For 15 Year Warranty, Deduct</i>	-1.48	
	<i>For 10 Year Warranty, Deduct</i>	-2.00	
	<i>For Winds >90 MPH To 120 MPH Warranty, Add</i>	0.10	

07 80 Fire and Smoke Protection (07)

07 81 Applied Fireproofing (07 80)

Note: Includes bonding agents as required.

07 81 16 Cementitious Fireproofing (07 81)

07 81 16 00-0001	Monokote Fireproofing <small>(07 81 16)</small>		
07 81 16 00-0002	SF Monokote Fireproofing For Ceiling/Decking, Per Inch Of Thickness.....	2.17	0.73
07 81 16 00-0003	SF Monokote Fireproofing For Structural Steel, Per Inch Of Thickness.....	3.00	1.09
07 81 16 00-0004	Gunite Fireproofing <small>(07 81 16)</small>		
07 81 16 00-0005	SF 1" Thick, Non-Reinforced, Gunite Fireproofing.....	3.64	0.74
07 81 16 00-0006	SF 1" Thick, Reinforced, Gunite Fireproofing.....	5.23	0.74

07 81 23 Intumescent Fireproofing (07 81)

07 81 23 00-0001	Intumescent Thin Film Fireproofing (Albi Clad TF) <small>(07 81 23)</small>		
07 81 23 00-0002	Intumescent Thin Film Fireproofing For Beams (Albi Clad TF) <small>(07 81 23 00-0001)</small>		
	Note: Excludes primer.		
07 81 23 00-0003	SF 1 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....	16.85	
	<i>For >10,000, Deduct</i>	-1.63	
07 81 23 00-0004	SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Beams (Albi Clad TF).....	27.24	
	<i>For >10,000, Deduct</i>	-2.66	
07 81 23 00-0005	Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF) <small>(07 81 23 00-0001)</small>		
	Note: Excludes primer.		
07 81 23 00-0006	SF 1 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	10.82	
	<i>For >10,000, Deduct</i>	-1.02	
07 81 23 00-0007	SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	24.35	
	<i>For >10,000, Deduct</i>	-2.37	
07 81 23 00-0008	SF 2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	55.53	
	<i>For >10,000, Deduct</i>	-5.48	
07 81 23 00-0009	SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	76.54	
	<i>For >10,000, Deduct</i>	-7.58	
07 81 23 00-0010	SF 3 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	97.58	
	<i>For >10,000, Deduct</i>	-9.68	
07 81 23 00-0011	SF 3-1/2 Hour, Intumescent Thin Film Fireproofing For Wide Flange Columns (Albi Clad TF).....	118.65	
	<i>For >10,000, Deduct</i>	-11.78	
07 81 23 00-0012	Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF) <small>(07 81 23 00-0001)</small>		
	Note: Excludes primer.		
07 81 23 00-0013	SF 1 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	22.18	
	<i>For >10,000, Deduct</i>	-2.16	
07 81 23 00-0014	SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	41.47	
	<i>For >10,000, Deduct</i>	-4.08	
07 81 23 00-0015	SF 2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	66.01	
	<i>For >10,000, Deduct</i>	-6.53	
07 81 23 00-0016	SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	92.29	
	<i>For >10,000, Deduct</i>	-9.16	
07 81 23 00-0017	SF 3 Hour, Intumescent Thin Film Fireproofing For Hollow Section Columns (Albi Clad TF).....	116.83	
	<i>For >10,000, Deduct</i>	-11.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 81 23 00-0018 Intumescent Thin Film Fireproofing (Albi Clad FP) <small>(07 81 23)</small>		
07 81 23 00-0019 Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP) <small>(07 81 23 00-0018)</small>		
Note: Excludes primer.		
07 81 23 00-0020 SF 1 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	10.68	
For >10,000, Deduct	-1.03	
07 81 23 00-0021 SF 1-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	24.60	
For >10,000, Deduct	-2.42	
07 81 23 00-0022 SF 2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	56.68	
For >10,000, Deduct	-5.62	
07 81 23 00-0023 SF 2-1/2 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	78.30	
For >10,000, Deduct	-7.78	
07 81 23 00-0024 SF 3 Hour, Intumescent Thin Film Fireproofing For Exposed Wood, Wallboard And Non-Ferrous Substrates (Albi Clad FP)	99.94	
For >10,000, Deduct	-9.94	
07 81 33 Mineral-Fiber Fireproofing <small>(07 81)</small>		
07 81 33 00-0001 Cellulose Fireproofing <small>(07 81 33)</small>		
07 81 33 00-0002 SF Cellulose Fireproofing, Per Inch Of Thickness	2.71	0.74
07 84 Firestopping <small>(07 80)</small>		
07 84 13 Penetration Firestopping <small>(07 84)</small>		
07 84 13 16 Penetration Firestopping Devices <small>(07 84 13)</small>		
07 84 13 16-0001 Firestopping Systems For Cable Penetrations <small>(07 84 13 16)</small>		
07 84 13 16-0002 Intumescent Firestop Cable Sleeve For New Installations <small>(07 84 13 16-0001)</small>		
Note: Includes putty, escutcheon plates, gaskets and bushings.		
07 84 13 16-0003 EA 1" Diameter Intumescent Firestop Sleeve (STI FS100)	67.27	
07 84 13 16-0004 EA 2" Diameter Intumescent Firestop Sleeve (STI FS201)	91.33	
07 84 13 16-0005 EA 4" Diameter Intumescent Firestop Sleeve (STI FS401)	149.86	
07 84 13 16-0006 Intumescent Firestop Cable Pathway For New Or Existing Cable Installations <small>(07 84 13 16-0001)</small>		
Note: Includes pathway, putty and wall/floor mounting plates.		
07 84 13 16-0007 EA 1-1/64" x 1-1/64" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZD22)	125.19	
07 84 13 16-0008 EA 3" x 3" Intumescent Firestop Cable Pathway Through Up To 9" Thick Walls (STI EZDP33FWS)	221.20	
07 84 13 16-0009 EA 4" x 4-5/8" Intumescent Firestop Cable Pathway Through Up To 10" Thick Walls (STI EZDP44)	406.97	
07 84 13 16-0010 3M Intumescent Firestopping Multi-Trade Pass Through Device <small>(07 84 13 16)</small>		
07 84 13 16-0011 EA 2-1/2" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	282.88	
07 84 13 16-0012 EA 4" Square Opening, Intumescent Firestop Multi-Trade Pass Through Device (3M QP4SD)	261.62	
07 84 13 16-0013 EA 4" Diameter Intumescent Firestop Multi-Trade Pass Through Device (3M QP2.5SD)	269.70	
07 84 13 16-0014 Intumescent Firestopping Pipe Collar <small>(07 84 13 16)</small>		
07 84 13 16-0015 EA 1-1/2" Intumescent Firestop Pipe Collar (3M ULTRAPPD1.5)	39.93	10.72
07 84 13 16-0016 EA 2" Intumescent Firestop Pipe Collar (3M ULTRAPPD2.0)	48.83	10.72
07 84 13 16-0017 EA 3" Intumescent Firestop Pipe Collar (3M ULTRAPPD3.0)	57.01	11.79
07 84 13 16-0018 EA 4" Intumescent Firestop Pipe Collar (3M ULTRAPPD4.0)	90.81	13.40
07 84 13 16-0019 EA 8" Intumescent Firestop Pipe Collar (Hilti CP644 8")	461.81	16.08
07 84 13 16-0020 EA 10" Intumescent Firestop Pipe Collar (Hilti CP644 10")	597.60	17.68
07 84 13 16-0021 Fire Rated Enclosures (Fire Rated Product Specialties Corp.) <small>(07 84 13 16)</small>		
Note: Includes fasteners. Excludes additional perimeter caulk where required. See CSI section 07 84 43 00-0001 for perimeter sealant caulk where required.		
07 84 13 16-0022 EA 12.2" Wide x 20.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9)	167.19	
Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0023 EA 15.2" Wide x 16.2" Long x 9.5" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-15-16-9)	177.50	
Note: Used for recessed lighting, speakers, controls, valves, plumbing drain terminations, etc.		
07 84 13 16-0024 EA 11.8" Wide x 19.8" Long x 9.12" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-12-20-9-EXH)	352.01	
Note: Includes 4" duct connector. For use with bathroom ventilation and exhaust fans.		
07 84 13 16-0025 EA 14.0" Wide x 14.0" Long x 3.2" Deep Fire Rated Enclosure, 1 Hour Rated (FRPS #FN-Z-14-14-3)	222.89	
Note: Used for shut-off valves, shower and tub valves, washer boxes, icemaker water feeds, speakers, controls, junction boxes, etc.		
07 84 13 16-0026 Intumescent Firestopping Wrap Strips <small>(07 84 13 16)</small>		
07 84 13 16-0027 LF 1/8" Thick, 1-1/2" Wide, Intumescent Firestopping Wrap Strip (STI SpecSeal SSW Series)	6.79	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
07 84 13 19 Penetration Firestopping Caulk (07 84 13)

07 84 13 19-0001 Intumescent Firestopping For Sealing Pipe Penetrations (3M CP 25WB+) (07 84 13 19)		
Note: Includes firestop caulk and batt for floor or ceiling penetration or one side of a wall penetration. 1/2" thick caulk for annular spaces 1" and less. 1" thick caulk for annular spaces 1-1/4" or more.		
07 84 13 19-0002	EA 1" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	23.04
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.08
07 84 13 19-0003	EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.43
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.40
07 84 13 19-0004	EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	28.17
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.30
07 84 13 19-0005	EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	27.75
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.13
07 84 13 19-0006	EA 2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	33.02
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.86
07 84 13 19-0007	EA 2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.76
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.76
07 84 13 19-0008	EA 2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	32.34
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.59
07 84 13 19-0009	EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.68
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.33
07 84 13 19-0010	EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	31.12
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.10
07 84 13 19-0011	EA 2-1/2" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	40.19
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.45
07 84 13 19-0012	EA 2-1/2" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.94
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.35
07 84 13 19-0013	EA 2-1/2" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	39.50
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.18
07 84 13 19-0014	EA 2-1/2" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.84
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.91
07 84 13 19-0015	EA 2-1/2" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	38.29
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.69
07 84 13 19-0016	EA 2-1/2" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	36.96
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.16
07 84 13 19-0017	EA 3" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	55.47
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	3.91
07 84 13 19-0018	EA 3" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.88
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.07
07 84 13 19-0019	EA 3" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	50.45
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.90
07 84 13 19-0020	EA 3" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.79
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.64
07 84 13 19-0021	EA 3" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	49.23
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	1.41
07 84 13 19-0022	EA 3" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	47.90
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.88
07 84 13 19-0023	EA 3" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	46.18
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.19
07 84 13 19-0024	EA 4" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	75.16
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	7.21
07 84 13 19-0025	EA 4" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	74.69
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	7.02
07 84 13 19-0026	EA 4" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	73.93
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	6.72
07 84 13 19-0027	EA 4" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	72.74
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	6.24
07 84 13 19-0028	EA 4" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	71.73
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	5.84
07 84 13 19-0029	EA 4" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	63.91
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.71
07 84 13 19-0030	EA 4" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	62.20
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	2.03
07 84 13 19-0031	EA 4" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	59.59
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	0.98
07 84 13 19-0032	EA 6" Diameter Hole With 1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	121.59
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	16.64
07 84 13 19-0033	EA 6" Diameter Hole With 3/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	121.12
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	16.45
07 84 13 19-0034	EA 6" Diameter Hole With 1" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	120.36
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	16.15
07 84 13 19-0035	EA 6" Diameter Hole With 1-1/4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	119.17
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	15.67
07 84 13 19-0036	EA 6" Diameter Hole With 1-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	118.17
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	15.27
07 84 13 19-0037	EA 6" Diameter Hole With 2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	115.78
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	14.32
07 84 13 19-0038	EA 6" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	112.68
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	13.08
07 84 13 19-0039	EA 6" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	107.99
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	11.20
07 84 13 19-0040	EA 6" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)	90.31
	<i>For Intumescent Sealant For Plastic Pipe, Add</i>	4.13

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0041 EA 8" Diameter Hole With 2-1/2" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	162.81 26.28	
07 84 13 19-0042 EA 8" Diameter Hole With 3" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	158.11 24.40	
07 84 13 19-0043 EA 8" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	148.69 20.63	
07 84 13 19-0044 EA 8" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	110.25 5.25	
07 84 13 19-0045 EA 10" Diameter Hole With 4" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	208.27 37.60	
07 84 13 19-0046 EA 10" Diameter Hole With 6" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	180.32 26.42	
07 84 13 19-0047 EA 10" Diameter Hole With 8" Pipe, Sealed With Intumescent Firestop Sealant (3M CP 25WB+)..... <i>For Intumescent Sealant For Plastic Pipe, Add</i>	130.97 6.68	

07 84 13 19-0048 Smoke, Noise And Infectious/Dust Control Sealant For Sealing Pipe Penetrations (07 84 13 19)

Note: Includes sealant and fiberglass or mineral wool batt for floor, ceiling or wall penetrations.

07 84 13 19-0049 EA 1-1/2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.77	
07 84 13 19-0050 EA 1-1/2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.67	
07 84 13 19-0051 EA 1-1/2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	27.53	
07 84 13 19-0052 EA 2" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	31.58	
07 84 13 19-0053 EA 2" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	31.48	
07 84 13 19-0054 EA 2" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	31.35	
07 84 13 19-0055 EA 2" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	31.15	
07 84 13 19-0056 EA 2" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	30.96	
07 84 13 19-0057 EA 2.5" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.81	
07 84 13 19-0058 EA 2.5" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.72	
07 84 13 19-0059 EA 2.5" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.58	
07 84 13 19-0060 EA 2.5" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.37	
07 84 13 19-0061 EA 2.5" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	37.19	
07 84 13 19-0062 EA 2.5" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	36.74	
07 84 13 19-0063 EA 3" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.55	
07 84 13 19-0064 EA 3" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.46	
07 84 13 19-0065 EA 3" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.32	
07 84 13 19-0066 EA 3" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	47.11	
07 84 13 19-0067 EA 3" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	46.93	
07 84 13 19-0068 EA 3" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	46.48	
07 84 13 19-0069 EA 3" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	45.84	
07 84 13 19-0070 EA 4" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.57	
07 84 13 19-0071 EA 4" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.47	
07 84 13 19-0072 EA 4" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.34	
07 84 13 19-0073 EA 4" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	60.11	
07 84 13 19-0074 EA 4" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	59.90	
07 84 13 19-0075 EA 4" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	59.44	
07 84 13 19-0076 EA 4" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	58.87	
07 84 13 19-0077 EA 4" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	57.96	
07 84 13 19-0078 EA 6" Diameter Hole With 1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	87.92	
07 84 13 19-0079 EA 6" Diameter Hole With 3/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	87.82	
07 84 13 19-0080 EA 6" Diameter Hole With 1" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	87.69	
07 84 13 19-0081 EA 6" Diameter Hole With 1-1/4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	87.48	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 13 19-0082	EA		6" Diameter Hole With 1-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	87.30	
07 84 13 19-0083	EA		6" Diameter Hole With 2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	86.85	
07 84 13 19-0084	EA		6" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	86.21	
07 84 13 19-0085	EA		6" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	85.36	
07 84 13 19-0086	EA		6" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	83.50	
07 84 13 19-0087	EA		8" Diameter Hole With 2-1/2" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	109.65	
07 84 13 19-0088	EA		8" Diameter Hole With 3" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	108.79	
07 84 13 19-0089	EA		8" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	106.93	
07 84 13 19-0090	EA		8" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	101.66	
07 84 13 19-0091	EA		10" Diameter Hole With 4" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	132.19	
07 84 13 19-0092	EA		10" Diameter Hole With 6" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	126.92	
07 84 13 19-0093	EA		10" Diameter Hole With 8" Pipe, Sealed With Smoke, Noise And Infectious/Dust Control Sealant (STI SpecSeal Smoke 'N' Sound).....	119.95	

07 84 16 Annular Space Firestopping Protection (07 84)**07 84 16 00-0001 Intumescent Firestopping For Electrical Outlet Boxes (07 84 16)****07 84 16 00-0002 Intumescent Putty Pads For Wrapping Outlet Box Exteriors (07 84 16 00-0001)**

07 84 16 00-0003	EA		1 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	36.99	
07 84 16 00-0004	EA		2 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	53.41	
07 84 16 00-0005	EA		3 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	55.69	
07 84 16 00-0006	EA		4 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	57.98	
07 84 16 00-0007	EA		5 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	60.26	
07 84 16 00-0008	EA		6 Gang Outlet Box, Intumescent Firestop Putty Exterior Wrap (3M MPP+).....	76.69	

07 84 16 00-0009 Intumescent Firestop Gasket For Wall Plates (07 84 16 00-0001)

07 84 16 00-0010	EA		Single Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66276).....	14.83	
07 84 16 00-0011	EA		Double Switch Wall Plate, Intumescent Firestop Gasket (RectorSeal 66274).....	15.43	
07 84 16 00-0012	EA		Single Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66272).....	14.32	
07 84 16 00-0013	EA		Double Receptacle Wall Plate, Intumescent Firestop Gasket (RectorSeal 66270).....	15.47	
07 84 16 00-0014	EA		Single Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66266).....	15.02	
07 84 16 00-0015	EA		Double Decor Wall Plate, Intumescent Firestop Gasket (RectorSeal 66265).....	14.40	

07 84 16 00-0016 Intumescent Fire Barrier Pillows For Sealing Large Openings (07 84 16)

07 84 16 00-0017	EA		2" x 4" x 9" Intumescent Fire Barrier Pillow (3M FB249).....	39.58	
07 84 16 00-0018	EA		2" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB269).....	42.48	
07 84 16 00-0019	EA		3" x 6" x 9" Intumescent Fire Barrier Pillow (3M FB369).....	46.06	

07 84 16 00-0020 Intumescent Fire Barrier Sheets For Sealing Large Openings (07 84 16)

Note: Price includes intumescent sheet, mounting fasteners and caulk for sealing one side of an opening.

07 84 16 00-0021	EA		16" x 28" Intumescent Firestop Sheet (3M CS-195+16x28).....	356.74	
07 84 16 00-0022	EA		36" x 24" Intumescent Firestop Sheet (3M CS-195+3x2).....	505.42	
07 84 16 00-0023	EA		36" x 36" Intumescent Firestop Sheet (3M CS-195+3x3).....	686.22	

07 84 16 00-0024 Endothermic Mat Wrap Fire Barrier (07 84 16)

Note: Price includes endothermic mat wrap and sealant. Excludes cavity fill material; putty or fireproof caulk/sealant. See CSI section 07 84 16 00-0026 for filling openings.

07 84 16 00-0025	SF		0.408" Thick Aluminum Foil Faced Endothermic Mat (3M Interam E-5A-4).....	53.08	
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07 84 16 00-0026 Firestopping Caulk For Filling Opening (07 84 16)

07 84 16 00-0027	GAL		Latex Based Intumescent Fire Barrier Sealant (3M CP-25WB+).....	148.40	
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07 84 16 00-0028 Firestopping Mortar For Filling Opening (07 84 16)

07 84 16 00-0029	CF		Light-Weight Portland Cement-Based Firestop Mortar (STI SpecSeal SSM Series).....	181.23	
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07 84 23 Silicone Firestopping Foams (07 84)**07 84 23 00-0001 Silicone RTV Foam Seal For Blank Openings (07 84 23)**

Note: Includes 7" depth of silicone foam barrier and 1" depth backer board

07 84 23 00-0002	EA		2" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	44.28	
07 84 23 00-0003	EA		4" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	97.92	
07 84 23 00-0004	EA		6" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	176.26	
07 84 23 00-0005	EA		8" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	264.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 23 00-0006 EA 10" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	377.86	
07 84 23 00-0007 EA 12" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	512.67	
07 84 23 00-0008 EA 16" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	1,044.81	
07 84 23 00-0009 EA 20" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	1,563.45	
07 84 23 00-0010 EA 24" Diameter Hole Sealed With Room Temperature Vulcanizing Silicone Fire Barrier Foam.....	2,194.35	
 07 84 43 Joint Firestopping ^(07 84)		
07 84 43 00-0001 Intumescent Firestopping Sealant For Joints (3M CP 25WB+) ^(07 84 43)		
07 84 43 00-0002 CLF 1/4" x 1/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	408.58	102.83
<i>For Up To 6 CLF, Add</i>	22.93	
<i>For >30 CLF, Deduct</i>	-25.43	
07 84 43 00-0003 CLF 1/4" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	458.66	102.83
<i>For Up To 4 CLF, Add</i>	26.69	
<i>For >20 CLF, Deduct</i>	-30.44	
07 84 43 00-0004 CLF 1/4" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	520.12	106.26
<i>For Up To 3 CLF, Add</i>	31.01	
<i>For >15 CLF, Deduct</i>	-36.02	
07 84 43 00-0005 CLF 3/8" x 3/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	545.15	106.26
<i>For Up To 2.5 CLF, Add</i>	32.89	
<i>For >13 CLF, Deduct</i>	-38.52	
07 84 43 00-0006 CLF 3/8" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	620.22	106.26
<i>For Up To 2 CLF, Add</i>	38.52	
<i>For >10 CLF, Deduct</i>	-46.03	
07 84 43 00-0007 CLF 3/8" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	695.30	106.26
<i>For Up To 1.5 CLF, Add</i>	44.15	
<i>For >8 CLF, Deduct</i>	-53.53	
07 84 43 00-0008 CLF 3/8" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	781.81	110.83
<i>For Up To 1.3 CLF, Add</i>	50.35	
<i>For >7 CLF, Deduct</i>	-61.61	
07 84 43 00-0009 CLF 1/2" x 1/2" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	731.75	110.83
<i>For Up To 1.4 CLF, Add</i>	46.60	
<i>For >7.5 CLF, Deduct</i>	-56.61	
07 84 43 00-0010 CLF 1/2" x 5/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	843.29	114.26
<i>For Up To 1.15 CLF, Add</i>	54.68	
<i>For >6 CLF, Deduct</i>	-67.19	
07 84 43 00-0011 CLF 1/2" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	943.39	114.26
<i>For Up To 1 CLF, Add</i>	62.18	
<i>For >5 CLF, Deduct</i>	-77.20	
07 84 43 00-0012 CLF 1/2" x 7/8" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,054.92	117.68
<i>For Up To 0.8 CLF, Add</i>	70.26	
<i>For >4.5 CLF, Deduct</i>	-87.78	
07 84 43 00-0013 CLF 1/2" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,166.44	122.25
<i>For Up To 0.75 CLF, Add</i>	78.34	
<i>For >4 CLF, Deduct</i>	-98.36	
07 84 43 00-0014 CLF 3/4" x 3/4" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,277.96	125.68
<i>For Up To 0.65 CLF, Add</i>	86.42	
<i>For >3.5 CLF, Deduct</i>	-108.94	
07 84 43 00-0015 CLF 3/4" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	1,612.54	137.11
<i>For Up To 0.5 CLF, Add</i>	110.66	
<i>For >2.5 CLF, Deduct</i>	-140.69	
<i>For Silicone Sealant (Bio Fireshield BFS 100 or 200), add</i>	180.18	
07 84 43 00-0016 CLF 1" x 1" Joint, Intumescent Firestop Sealant (3M CP 25WB+)	2,058.66	151.96
<i>For Up To 0.4 CLF, Add</i>	142.97	
<i>For >2 CLF, Deduct</i>	-183.01	
 07 84 43 00-0017 Latex-Based, Intumescent Firestop Sealant For Joints (STI SSS Series) ^(07 84 43)		
07 84 43 00-0018 CLF 1/4" x 1/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	422.52	102.83
<i>For Up To 6 CLF, Add</i>	23.98	
<i>For >30 CLF, Deduct</i>	-26.83	
07 84 43 00-0019 CLF 1/4" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	479.53	102.83
<i>For Up To 4 CLF, Add</i>	28.25	
<i>For >20 CLF, Deduct</i>	-32.53	
07 84 43 00-0020 CLF 1/4" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	547.96	106.26
<i>For Up To 3 CLF, Add</i>	33.10	
<i>For >15 CLF, Deduct</i>	-38.80	
07 84 43 00-0021 CLF 3/8" x 3/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	576.46	106.26
<i>For Up To 2.5 CLF, Add</i>	35.24	
<i>For >13 CLF, Deduct</i>	-41.65	
07 84 43 00-0022 CLF 3/8" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	661.98	106.26
<i>For Up To 2 CLF, Add</i>	41.65	
<i>For >10 CLF, Deduct</i>	-50.20	
07 84 43 00-0023 CLF 3/8" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	747.49	106.26
<i>For Up To 1.5 CLF, Add</i>	48.06	
<i>For >8 CLF, Deduct</i>	-58.75	
07 84 43 00-0024 CLF 3/8" x 3/4" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	844.43	110.83
<i>For Up To 1.3 CLF, Add</i>	55.05	
<i>For >7 CLF, Deduct</i>	-67.88	
07 84 43 00-0025 CLF 1/2" x 1/2" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	787.43	110.83
<i>For Up To 1.4 CLF, Add</i>	50.77	
<i>For >7.5 CLF, Deduct</i>	-62.18	
07 84 43 00-0026 CLF 1/2" x 5/8" Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series)	912.87	114.26
<i>For Up To 1.15 CLF, Add</i>	59.90	
<i>For >6 CLF, Deduct</i>	-74.15	

07 Thermal And Moisture Protection**07 80 Fire and Smoke Protection****07 84 Firestopping**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 43 00-0027	CLF	1/2" x 3/4"	Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 1 CLF, Add</i> <i>For >5 CLF, Deduct</i>	1,026.89 68.45 -85.55	114.26
07 84 43 00-0028	CLF	1/2" x 7/8"	Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.8 CLF, Add</i> <i>For >4.5 CLF, Deduct</i>	1,152.34 77.57 -97.52	117.68
07 84 43 00-0029	CLF	1/2" x 1"	Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.75 CLF, Add</i> <i>For >4 CLF, Deduct</i>	1,277.78 86.69 -109.50	122.25
07 84 43 00-0030	CLF	3/4" x 3/4"	Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.65 CLF, Add</i> <i>For >3.5 CLF, Deduct</i>	1,403.22 95.82 -121.47	125.68
07 84 43 00-0031	CLF	3/4" x 1"	Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.5 CLF, Add</i> <i>For >2.5 CLF, Deduct</i>	1,779.56 123.18 -157.39	137.11
07 84 43 00-0032	CLF	1" x 1"	Joint, Latex-Based, Intumescent Firestop Sealant (STI SSS Series) <i>For Up To 0.4 CLF, Add</i> <i>For >2 CLF, Deduct</i>	2,281.34 159.67 -205.28	151.96
07 84 43 00-0033	Passive Smoke And Fire Protection Sealant For Joints (STI ES Series) ^(07 84 43)				
07 84 43 00-0034	CLF	1/4" x 1/4"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 6 CLF, Add</i> <i>For >30 CLF, Deduct</i>	367.48 19.85 -21.32	102.83
07 84 43 00-0035	CLF	1/4" x 3/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 4 CLF, Add</i> <i>For >20 CLF, Deduct</i>	396.96 22.06 -24.27	102.83
07 84 43 00-0036	CLF	1/4" x 1/2"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 3 CLF, Add</i> <i>For >15 CLF, Deduct</i>	437.87 24.84 -27.79	106.26
07 84 43 00-0037	CLF	3/8" x 3/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 2.5 CLF, Add</i> <i>For >13 CLF, Deduct</i>	452.61 25.95 -29.27	106.26
07 84 43 00-0038	CLF	3/8" x 1/2"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 2 CLF, Add</i> <i>For >10 CLF, Deduct</i>	496.85 29.27 -33.69	106.26
07 84 43 00-0039	CLF	3/8" x 5/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 1.5 CLF, Add</i> <i>For >8 CLF, Deduct</i>	541.08 32.58 -38.11	106.26
07 84 43 00-0040	CLF	3/8" x 3/4"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 1.3 CLF, Add</i> <i>For >7 CLF, Deduct</i>	596.74 36.47 -43.11	110.83
07 84 43 00-0041	CLF	1/2" x 1/2"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 1.4 CLF, Add</i> <i>For >7.5 CLF, Deduct</i>	567.25 34.26 -40.16	110.83
07 84 43 00-0042	CLF	1/2" x 5/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 1.15 CLF, Add</i> <i>For >6 CLF, Deduct</i>	637.66 39.26 -46.63	114.26
07 84 43 00-0043	CLF	1/2" x 3/4"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 1 CLF, Add</i> <i>For >5 CLF, Deduct</i>	696.63 43.68 -52.52	114.26
07 84 43 00-0044	CLF	1/2" x 7/8"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 0.8 CLF, Add</i> <i>For >4.5 CLF, Deduct</i>	767.04 48.67 -58.99	117.68
07 84 43 00-0045	CLF	1/2" x 1"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 0.75 CLF, Add</i> <i>For >4 CLF, Deduct</i>	837.43 53.67 -65.46	122.25
07 84 43 00-0046	CLF	3/4" x 3/4"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 0.65 CLF, Add</i> <i>For >3.5 CLF, Deduct</i>	907.83 58.66 -71.93	125.68
07 84 43 00-0047	CLF	3/4" x 1"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 0.5 CLF, Add</i> <i>For >2.5 CLF, Deduct</i>	1,119.03 73.64 -91.34	137.11
07 84 43 00-0048	CLF	1" x 1"	Joint, Non-Halogenated Latex-Based Elastomeric, Passive Smoke And Fire Protection Sealant (STI SpecSeal ES Series) <i>For Up To 0.4 CLF, Add</i> <i>For >2 CLF, Deduct</i>	1,400.64 93.62 -117.21	151.96

07 84 56 Fire Safing ^(07 84)**07 84 56 13 Fibrous Fire Safing ^(07 84 56)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 84 56 13-0001 Thermal Barrier Wrap <small>(07 84 56 13)</small>		
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
07 84 56 13-0002 SF 1/2" Thick Fire Barrier Plenum Wrap (3M Plenum Wrap 5A)	11.15	
For Work In Restricted Working Space, Add	1.45	
07 84 56 13-0003 SF 1-1/2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 15A)	17.96	
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
For Work In Restricted Working Space, Add	1.45	
07 84 56 13-0004 SF 2" Thick Fire Barrier Duct Wrap (3M Duct Wrap 20A)	19.60	
Note: Includes cutting wrap to fit pipe or conduit and sealing edges.		
For Work In Restricted Working Space, Add	1.45	
07 84 56 13-0005 FireMaster Blanket Wrap Fireproofing <small>(07 84 56 13)</small>		
07 84 56 13-0006 SF 1/2" Thermal Ceramics FireMaster Blanket Wrap	20.35	11.92
For Work In Restricted Working Space, Add	4.79	
For >500 To 5,000, Deduct	-1.81	
For >5,000, Deduct	-3.22	
07 84 56 13-0007 SF 1" Thermal Ceramics FireMaster Blanket Wrap	23.99	11.92
For Work In Restricted Working Space, Add	4.79	
For >500 To 5,000, Deduct	-2.64	
For >5,000, Deduct	-4.57	
07 84 56 13-0008 SF 1-1/2" Thermal Ceramics FireMaster Blanket Wrap	27.98	11.92
For Work In Restricted Working Space, Add	4.79	
For >500 To 5,000, Deduct	-3.56	
For >5,000, Deduct	-6.04	
07 84 56 13-0009 SF 2" Thermal Ceramics FireMaster Blanket Wrap	31.97	11.92
For Work In Restricted Working Space, Add	4.79	
For >500 To 5,000, Deduct	-4.48	
For >5,000, Deduct	-7.52	
07 90 Joint Protection <small>(07)</small>		
07 91 Preformed Joint Seals <small>(07 90)</small>		
07 91 23 Backer Rods <small>(07 91)</small>		
07 91 23 00-0001 Backer Rods <small>(07 91 23)</small>		
07 91 23 00-0002 LF 1/4" Polyethylene Or Polyurethane Backer Rod	1.81	0.53
07 91 23 00-0003 LF 3/8" Polyethylene Or Polyurethane Backer Rod	1.94	0.53
07 91 23 00-0004 LF 1/2" Polyethylene Or Polyurethane Backer Rod	2.10	0.53
07 91 23 00-0005 LF 5/8" Polyethylene Or Polyurethane Backer Rod	2.32	0.53
07 91 23 00-0006 LF 3/4" Polyethylene Or Polyurethane Backer Rod	2.42	0.64
07 91 23 00-0007 LF 7/8" Polyethylene Or Polyurethane Backer Rod	2.61	0.64
07 91 23 00-0008 LF 1" Polyethylene Or Polyurethane Backer Rod	3.05	0.64
07 91 23 00-0009 LF 1-1/4" Polyethylene Or Polyurethane Backer Rod	3.48	0.75
07 91 23 00-0010 LF 1-1/2" Polyethylene Or Polyurethane Backer Rod	4.00	0.85
07 91 23 00-0011 LF 2" Polyethylene Or Polyurethane Backer Rod	5.08	0.96
07 91 23 00-0012 LF 3" Polyethylene Or Polyurethane Backer Rod	9.13	1.19
07 91 26 Joint Fillers <small>(07 91)</small>		
07 91 26 00-0001 Butyl Rubber Fillers <small>(07 91 26)</small>		
07 91 26 00-0002 LF 1/4" x 1/4" Butyl Rubber Filler	2.53	0.64
For Custom Match Coloring, Add	0.05	
07 91 26 00-0003 LF 1/2" x 1/2" Butyl Rubber Filler	7.69	1.83
For Custom Match Coloring, Add	0.21	
07 91 26 00-0004 LF 1/2" x 3/4" Butyl Rubber Filler	9.40	1.93
For Custom Match Coloring, Add	0.32	
07 91 26 00-0005 LF 3/4" x 3/4" Butyl Rubber Filler	10.36	2.04
07 91 26 00-0006 LF 1" x 1" Butyl Rubber Filler	14.18	3.76
07 91 26 00-0007 Closed Cell Neoprene <small>(07 91 26)</small>		
07 91 26 00-0008 CLF 1/8" x 3" Neoprene Gasket Closed Cell, Adhesive	428.91	123.84
07 91 26 00-0009 CLF 1/8" x 6" Neoprene Gasket Closed Cell, Adhesive	693.21	178.89
07 91 26 00-0010 CLF 1/4" x 3" Neoprene Gasket Closed Cell, Adhesive	551.37	153.35
07 91 26 00-0011 CLF 1/4" x 6" Neoprene Gasket Closed Cell, Adhesive	638.98	160.97
07 91 26 00-0012 CLF 1/2" x 6" Neoprene Gasket Closed Cell, Adhesive	974.78	247.68
07 91 26 00-0013 CLF 1/2" x 9" Neoprene Gasket Closed Cell, Adhesive	1,118.88	268.28
07 91 26 00-0014 CLF 1/2" x 12" Neoprene Gasket Closed Cell, Adhesive	1,024.02	195.10
07 91 26 00-0015 Closed Cell Polyvinyl Chloride <small>(07 91 26)</small>		
07 91 26 00-0016 CLF 1/8" x 3" Polyethylene Joint Backing, Closed Cell	437.51	153.35
07 91 26 00-0017 CLF 1/8" x 6" Polyethylene Joint Backing, Closed Cell	744.80	247.68
07 91 26 00-0018 CLF 1/4" x 3" Polyethylene Joint Backing, Closed Cell	573.34	211.41
07 91 26 00-0019 CLF 1/4" x 6" Polyethylene Joint Backing, Closed Cell	693.43	223.21
07 91 26 00-0020 CLF 1/2" x 6" Polyethylene Joint Backing, Closed Cell	1,055.51	342.33
07 91 26 00-0021 CLF 1/2" x 9" Polyethylene Joint Backing, Closed Cell	1,238.29	371.51
07 91 26 00-0022 CLF 1/2" x 12" Polyethylene Joint Backing, Closed Cell	1,644.20	445.34

07 Thermal And Moisture Protection**07 90 Joint Protection****07 91 Preformed Joint Seals**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 26 00-0023			Silicon RTV Foam Penetration Seal (07 91 26)		
07 91 26 00-0024	CLF		1/4" x 1/2" Silicon RTV Foam Seal.....	150.64	24.58
07 91 26 00-0025	CLF		1/2" x 1/2" Silicon RTV Foam Seal.....	301.27	49.04
07 91 26 00-0026	CLF		1/2" x 3/4" Silicon RTV Foam Seal.....	449.14	72.87
07 91 26 00-0027	CLF		3/4" x 3/4" Silicon RTV Foam Seal.....	636.99	98.19
07 91 26 00-0028	CLF		1/8" x 1" Silicon RTV Foam Seal.....	150.64	24.58
07 91 26 00-0029	CLF		1/8" x 3" Silicon RTV Foam Seal.....	448.70	72.66
07 91 26 00-0030	CLF		1/4" x 3" Silicon RTV Foam Seal.....	776.61	109.13
07 91 26 00-0031	CLF		1/4" x 6" Silicon RTV Foam Seal.....	1,551.30	217.52
07 91 26 00-0032	CLF		1/2" x 6" Silicon RTV Foam Seal.....	2,954.76	392.66
07 91 26 00-0033	CLF		1/2" x 9" Silicon RTV Foam Seal.....	4,511.07	613.40
07 91 26 00-0034	CLF		1/2" x 12" Silicon RTV Foam Seal.....	6,576.52	981.48
07 91 26 00-0035			Seals O-Ring Type Cord "J-Seal" (07 91 26)		
07 91 26 00-0036	LF		1/4" Seals O-Ring Cord, J-Seal.....	4.58	1.40
07 91 26 00-0037	LF		1/2" Seals O-Ring Cord, J-Seal.....	4.85	1.40
07 91 26 00-0038	LF		3/4" Seals O-Ring Cord, J-Seal.....	5.11	1.51
07 91 26 00-0039	LF		1" Seals O-Ring Cord, J-Seal.....	5.39	1.61
07 91 26 00-0040	LF		1-1/4" Seals O-Ring Cord, J-Seal.....	5.78	1.72
07 91 26 00-0041	LF		1-1/2" Seals O-Ring Cord, J-Seal.....	6.06	1.72
07 91 26 00-0042	LF		1-3/4" Seals O-Ring Cord, J-Seal.....	6.42	1.83
07 91 26 00-0043	LF		2" Seals O-Ring Cord, J-Seal.....	6.64	1.83
07 91 33			Expansion Joint Seal Systems (07 91)		
07 91 33 00-0001			Expansion Joint Seal Systems (Wabo®) (07 91 33)		
07 91 33 00-0002			Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® HSeal) (07 91 33 00-0001)		
			Note: Includes a pre-compressed seal, epoxy adhesive and traffic grade elastomeric top coating.		
07 91 33 00-0003	LF		1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 25EH).....	91.68	7.25
07 91 33 00-0004	LF		3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 40EH).....	123.43	7.60
07 91 33 00-0005	LF		1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 50EH).....	156.94	7.94
07 91 33 00-0006	LF		1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 65EH).....	194.24	8.29
07 91 33 00-0007	LF		1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 75EH).....	252.80	8.63
07 91 33 00-0008	LF		1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 90EH).....	290.73	8.98
07 91 33 00-0009	LF		2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® HSeal 100EH).....	337.80	9.33
07 91 33 00-0010			Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)		
			Note: Includes preformed neoprene joint seal and lubricant adhesive.		
07 91 33 00-0011	LF		0.625" Minimum, 1.381" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-162).....	45.52	7.25
07 91 33 00-0012	LF		0.688" Minimum, 1.488" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-175).....	49.90	7.35
07 91 33 00-0013	LF		0.875" Minimum, 1.700" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-200).....	60.88	7.46
07 91 33 00-0014	LF		0.953" Minimum, 1.913" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-225).....	64.73	7.60
07 91 33 00-0015	LF		1.000" Minimum, 2.125" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-250).....	69.33	7.70
07 91 33 00-0016	LF		1.125" Minimum, 2.550" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-300).....	85.62	7.80
07 91 33 00-0017	LF		1.375" Minimum, 2.975" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-350).....	106.27	7.94
07 91 33 00-0018	LF		1.625" Minimum, 3.400" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-400).....	126.14	8.29
07 91 33 00-0019	LF		1.687" Minimum, 4.250" Maximum Joint Opening, Neoprene, Preformed Elastomeric Horizontal Expansion Joint Seal System (Wabo® CompressionSeal WA-500).....	143.10	8.63
07 91 33 00-0020			Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal Systems (Wabo® CompressionSeal) (07 91 33 00-0001)		
			Note: Includes preformed Santoprene® joint seal and lubricant adhesive.		
07 91 33 00-0021	LF		0.500" Minimum, 1.500" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-100).....	37.65	7.25
07 91 33 00-0022	LF		0.688" Minimum, 1.938" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-225).....	49.63	7.60
07 91 33 00-0023	LF		1.063" Minimum, 2.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-250).....	61.41	7.94

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 91 33 00-0024 LF 1.250" Minimum, 2.563" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-300).....	64.97	8.12
07 91 33 00-0025 LF 1.250" Minimum, 3.375" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-400).....	72.35	8.29
07 91 33 00-0026 LF 1.438" Minimum, 4.250" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-500).....	105.05	8.63
07 91 33 00-0027 LF 1.813" Minimum, 5.125" Maximum Joint Opening, Santoprene®, Preformed Elastomeric Vertical Expansion Joint Seal System (Wabo® CompressionSeal WE-600).....	145.53	8.98
07 91 33 00-0028 Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal Systems (Wabo® Seismic WeatherSeal) (07 91 33 00-0001)		
Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0029 LF 1/2" Minimum, 1-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-100).....	34.25	2.87
07 91 33 00-0030 LF 3/4" Minimum, 2-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-150).....	57.86	3.00
07 91 33 00-0031 LF 1" Minimum, 3" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-200).....	87.43	3.11
07 91 33 00-0032 LF 1-1/4" Minimum, 3-3/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-250).....	110.41	3.22
07 91 33 00-0033 LF 1-1/2" Minimum, 4-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-300).....	145.50	3.34
07 91 33 00-0034 LF 1-3/4" Minimum, 5-1/4" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-350).....	192.73	3.45
07 91 33 00-0035 LF 2" Minimum, 6" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-400).....	236.54	3.57
07 91 33 00-0036 LF 2-1/2" Minimum, 7-1/2" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-500).....	319.25	3.69
07 91 33 00-0037 LF 3" Minimum, 9" Maximum Joint Opening, Coated Foam, Pre-Compressed, Elastomeric Expansion Joint Seal System (Wabo® Seismic WeatherSeal SWS-600).....	372.85	3.80
07 91 33 00-0038 Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal Systems (Wabo® WeatherSeal II) (07 91 33 00-0001)		
Note: Includes a pre-compressed foam seal and silicone sealant.		
07 91 33 00-0039 LF 0.75" Minimum, 1.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-100).....	33.40	2.87
07 91 33 00-0040 LF 1.13" Minimum, 1.88" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-150).....	44.25	3.00
07 91 33 00-0041 LF 1.50" Minimum, 2.50" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-200).....	59.58	3.11
07 91 33 00-0042 LF 1.88" Minimum, 3.13" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-250).....	81.07	3.22
07 91 33 00-0043 LF 2.25" Minimum, 3.75" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-300).....	92.56	3.34
07 91 33 00-0044 LF 2.63" Minimum, 4.38" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-350).....	128.73	3.45
07 91 33 00-0045 LF 3.00" Minimum, 5.00" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-400).....	173.18	3.57
07 91 33 00-0046 LF 3.75" Minimum, 6.25" Maximum Joint Opening, Silicone Faced Foam, Preformed Elastomeric Expansion Joint Seal System (Wabo® WeatherSeal II WS-500).....	187.01	3.69
07 92 Joint Sealants (07 90)		
07 92 13 Elastomeric Joint Sealants (07 92)		
07 92 13 00-0001 Silicone Sealant And Caulking (07 92 13)		
07 92 13 00-0002 CLF 1/4" x 1/4" Joint, Silicone Sealant And Caulking.....	364.31	102.83
For Custom Match Coloring, Add	13.39	
For Up To 6 CLF, Add	19.61	
For >30 CLF, Deduct	-21.01	
For 1 Part Mildew Resistant, Add	19.53	
For High-Modulus Non-Acid Curing, Add	11.16	
07 92 13 00-0003 CLF 1/4" x 3/8" Joint, Silicone Sealant And Caulking.....	392.22	102.83
For Custom Match Coloring, Add	20.09	
For Up To 4 CLF, Add	21.70	
For >20 CLF, Deduct	-23.80	
For 1 Part Mildew Resistant, Add	29.30	
For High-Modulus Non-Acid Curing, Add	16.74	
07 92 13 00-0004 CLF 1/4" x 1/2" Joint, Silicone Sealant And Caulking.....	431.54	106.26
For Custom Match Coloring, Add	26.79	
For Up To 3 CLF, Add	24.37	
For >15 CLF, Deduct	-27.16	
For 1 Part Mildew Resistant, Add	39.07	
For High-Modulus Non-Acid Curing, Add	22.32	
07 92 13 00-0005 CLF 3/8" x 3/8" Joint, Silicone Sealant And Caulking.....	445.49	106.26
For Custom Match Coloring, Add	30.14	
For Up To 2.5 CLF, Add	25.41	
For >13 CLF, Deduct	-28.55	
For 1 Part Mildew Resistant, Add	43.95	
For High-Modulus Non-Acid Curing, Add	25.11	

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0006	CLF	3/8" x 1/2"	Joint, Silicone Sealant And Caulking	487.35	106.26
			<i>For Custom Match Coloring, Add</i>	40.18	
			<i>For Up To 2 CLF, Add</i>	28.55	
			<i>For >10 CLF, Deduct</i>	-32.74	
			<i>For 1 Part Mildew Resistant, Add</i>	58.60	
			<i>For High-Modulus Non-Acid Curing, Add</i>	33.49	
07 92 13 00-0007	CLF	3/8" x 5/8"	Joint, Silicone Sealant And Caulking	529.21	106.26
			<i>For Custom Match Coloring, Add</i>	50.23	
			<i>For Up To 1.5 CLF, Add</i>	31.69	
			<i>For >8 CLF, Deduct</i>	-36.93	
			<i>For 1 Part Mildew Resistant, Add</i>	73.25	
			<i>For High-Modulus Non-Acid Curing, Add</i>	41.86	
07 92 13 00-0008	CLF	3/8" x 3/4"	Joint, Silicone Sealant And Caulking	582.50	110.83
			<i>For Custom Match Coloring, Add</i>	60.28	
			<i>For Up To 1.3 CLF, Add</i>	35.40	
			<i>For >7 CLF, Deduct</i>	-41.68	
			<i>For 1 Part Mildew Resistant, Add</i>	87.90	
			<i>For High-Modulus Non-Acid Curing, Add</i>	50.23	
07 92 13 00-0009	CLF	1/2" x 1/2"	Joint, Silicone Sealant And Caulking	554.59	110.83
			<i>For Custom Match Coloring, Add</i>	53.58	
			<i>For Up To 1.4 CLF, Add</i>	33.31	
			<i>For >7.5 CLF, Deduct</i>	-38.89	
			<i>For 1 Part Mildew Resistant, Add</i>	78.13	
			<i>For High-Modulus Non-Acid Curing, Add</i>	44.65	
07 92 13 00-0010	CLF	1/2" x 5/8"	Joint, Silicone Sealant And Caulking	621.83	114.26
			<i>For Custom Match Coloring, Add</i>	66.97	
			<i>For Up To 1.15 CLF, Add</i>	38.07	
			<i>For >6 CLF, Deduct</i>	-45.04	
			<i>For 1 Part Mildew Resistant, Add</i>	97.67	
			<i>For High-Modulus Non-Acid Curing, Add</i>	55.81	
07 92 13 00-0011	CLF	1/2" x 3/4"	Joint, Silicone Sealant And Caulking	677.64	114.26
			<i>For Custom Match Coloring, Add</i>	80.37	
			<i>For Up To 1 CLF, Add</i>	42.25	
			<i>For >5 CLF, Deduct</i>	-50.63	
			<i>For 1 Part Mildew Resistant, Add</i>	117.20	
			<i>For High-Modulus Non-Acid Curing, Add</i>	66.97	
07 92 13 00-0012	CLF	1/2" x 7/8"	Joint, Silicone Sealant And Caulking	744.88	117.68
			<i>For Custom Match Coloring, Add</i>	93.76	
			<i>For Up To 0.8 CLF, Add</i>	47.01	
			<i>For >4.5 CLF, Deduct</i>	-56.78	
			<i>For 1 Part Mildew Resistant, Add</i>	136.73	
			<i>For High-Modulus Non-Acid Curing, Add</i>	78.13	
07 92 13 00-0013	CLF	1/2" x 1"	Joint, Silicone Sealant And Caulking	812.11	122.25
			<i>For Custom Match Coloring, Add</i>	107.16	
			<i>For Up To 0.75 CLF, Add</i>	51.77	
			<i>For >4 CLF, Deduct</i>	-62.93	
			<i>For 1 Part Mildew Resistant, Add</i>	156.27	
			<i>For High-Modulus Non-Acid Curing, Add</i>	89.30	
07 92 13 00-0014	CLF	3/4" x 3/4"	Joint, Silicone Sealant And Caulking	879.34	125.68
			<i>For Custom Match Coloring, Add</i>	120.55	
			<i>For Up To 0.65 CLF, Add</i>	56.52	
			<i>For >3.5 CLF, Deduct</i>	-69.08	
			<i>For 1 Part Mildew Resistant, Add</i>	175.80	
			<i>For High-Modulus Non-Acid Curing, Add</i>	100.46	
07 92 13 00-0015	CLF	3/4" x 1"	Joint, Silicone Sealant And Caulking	1,081.05	137.11
			<i>For Custom Match Coloring, Add</i>	160.73	
			<i>For Up To 0.5 CLF, Add</i>	70.80	
			<i>For >2.5 CLF, Deduct</i>	-87.54	
			<i>For 1 Part Mildew Resistant, Add</i>	234.40	
			<i>For High-Modulus Non-Acid Curing, Add</i>	133.94	
07 92 13 00-0016	CLF	1" x 1"	Joint, Silicone Sealant And Caulking	1,350.00	151.96
			<i>For Custom Match Coloring, Add</i>	214.31	
			<i>For Up To 0.4 CLF, Add</i>	89.82	
			<i>For >2 CLF, Deduct</i>	-112.15	
			<i>For 1 Part Mildew Resistant, Add</i>	312.54	
			<i>For High-Modulus Non-Acid Curing, Add</i>	178.59	
07 92 13 00-0017	Acrylic/Latex Sealant And Caulking ^(07 92 13)				
07 92 13 00-0018	CLF	1/4" x 1/4"	Joint, Acrylic/Latex Sealant And Caulking	328.08	102.83
			<i>For Up To 6 CLF, Add</i>	16.89	
			<i>For >30 CLF, Deduct</i>	-17.38	
07 92 13 00-0019	CLF	1/4" x 3/8"	Joint, Acrylic/Latex Sealant And Caulking	337.87	102.83
			<i>For Up To 4 CLF, Add</i>	17.63	
			<i>For >20 CLF, Deduct</i>	-18.36	
07 92 13 00-0020	CLF	1/4" x 1/2"	Joint, Acrylic/Latex Sealant And Caulking	359.08	106.26
			<i>For Up To 3 CLF, Add</i>	18.93	
			<i>For >15 CLF, Deduct</i>	-19.91	
07 92 13 00-0021	CLF	3/8" x 3/8"	Joint, Acrylic/Latex Sealant And Caulking	363.97	106.26
			<i>For Up To 2.5 CLF, Add</i>	19.30	
			<i>For >13 CLF, Deduct</i>	-20.40	
07 92 13 00-0022	CLF	3/8" x 1/2"	Joint, Acrylic/Latex Sealant And Caulking	378.66	106.26
			<i>For Up To 2 CLF, Add</i>	20.40	
			<i>For >10 CLF, Deduct</i>	-21.87	
07 92 13 00-0023	CLF	3/8" x 5/8"	Joint, Acrylic/Latex Sealant And Caulking	393.34	106.26
			<i>For Up To 1.5 CLF, Add</i>	21.50	
			<i>For >8 CLF, Deduct</i>	-23.34	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0024 CLF 3/8" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	419.46	110.83
<i>For Up To 1.3 CLF, Add</i>	23.18	
<i>For >7 CLF, Deduct</i>	-25.38	
07 92 13 00-0025 CLF 1/2" x 1/2" Joint, Acrylic/Latex Sealant And Caulking	409.67	110.83
<i>For Up To 1.4 CLF, Add</i>	22.44	
<i>For >7.5 CLF, Deduct</i>	-24.40	
07 92 13 00-0026 CLF 1/2" x 5/8" Joint, Acrylic/Latex Sealant And Caulking	440.68	114.26
<i>For Up To 1.15 CLF, Add</i>	24.48	
<i>For >6 CLF, Deduct</i>	-26.93	
07 92 13 00-0027 CLF 1/2" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	460.26	114.26
<i>For Up To 1 CLF, Add</i>	25.95	
<i>For >5 CLF, Deduct</i>	-28.89	
07 92 13 00-0028 CLF 1/2" x 7/8" Joint, Acrylic/Latex Sealant And Caulking	491.27	117.68
<i>For Up To 0.8 CLF, Add</i>	27.99	
<i>For >4.5 CLF, Deduct</i>	-31.42	
07 92 13 00-0029 CLF 1/2" x 1" Joint, Acrylic/Latex Sealant And Caulking	522.27	122.25
<i>For Up To 0.75 CLF, Add</i>	30.03	
<i>For >4 CLF, Deduct</i>	-33.95	
07 92 13 00-0030 CLF 3/4" x 3/4" Joint, Acrylic/Latex Sealant And Caulking	553.27	125.68
<i>For Up To 0.65 CLF, Add</i>	32.07	
<i>For >3.5 CLF, Deduct</i>	-36.47	
07 92 13 00-0031 CLF 3/4" x 1" Joint, Acrylic/Latex Sealant And Caulking	646.29	137.11
<i>For Up To 0.5 CLF, Add</i>	38.19	
<i>For >2.5 CLF, Deduct</i>	-44.06	
07 92 13 00-0032 CLF 1" x 1" Joint, Acrylic/Latex Sealant And Caulking	770.32	151.96
<i>For Up To 0.4 CLF, Add</i>	46.35	
<i>For >2 CLF, Deduct</i>	-54.18	
07 92 13 00-0033 Polyurethane Sealant And Caulking (07 92 13)		
Note: 1 or 2 part, non-sag.		
07 92 13 00-0034 CLF 1/4" x 1/4" Joint, Polyurethane Sealant And Caulking	351.30	102.83
<i>For Up To 6 CLF, Add</i>	18.64	
<i>For >30 CLF, Deduct</i>	-19.71	
07 92 13 00-0035 CLF 1/4" x 3/8" Joint, Polyurethane Sealant And Caulking	372.71	102.83
<i>For Up To 4 CLF, Add</i>	20.24	
<i>For >20 CLF, Deduct</i>	-21.85	
07 92 13 00-0036 CLF 1/4" x 1/2" Joint, Polyurethane Sealant And Caulking	405.53	106.26
<i>For Up To 3 CLF, Add</i>	22.42	
<i>For >15 CLF, Deduct</i>	-24.56	
07 92 13 00-0037 CLF 3/8" x 3/8" Joint, Polyurethane Sealant And Caulking	416.23	106.26
<i>For Up To 2.5 CLF, Add</i>	23.22	
<i>For >13 CLF, Deduct</i>	-25.63	
07 92 13 00-0038 CLF 3/8" x 1/2" Joint, Polyurethane Sealant And Caulking	448.33	106.26
<i>For Up To 2 CLF, Add</i>	25.63	
<i>For >10 CLF, Deduct</i>	-28.84	
07 92 13 00-0039 CLF 3/8" x 5/8" Joint, Polyurethane Sealant And Caulking	480.44	106.26
<i>For Up To 1.5 CLF, Add</i>	28.04	
<i>For >8 CLF, Deduct</i>	-32.05	
07 92 13 00-0040 CLF 3/8" x 3/4" Joint, Polyurethane Sealant And Caulking	523.97	110.83
<i>For Up To 1.3 CLF, Add</i>	31.01	
<i>For >7 CLF, Deduct</i>	-35.83	
07 92 13 00-0041 CLF 1/2" x 1/2" Joint, Polyurethane Sealant And Caulking	502.57	110.83
<i>For Up To 1.4 CLF, Add</i>	29.41	
<i>For >7.5 CLF, Deduct</i>	-33.69	
07 92 13 00-0042 CLF 1/2" x 5/8" Joint, Polyurethane Sealant And Caulking	556.80	114.26
<i>For Up To 1.15 CLF, Add</i>	33.19	
<i>For >6 CLF, Deduct</i>	-38.54	
07 92 13 00-0043 CLF 1/2" x 3/4" Joint, Polyurethane Sealant And Caulking	599.61	114.26
<i>For Up To 1 CLF, Add</i>	36.40	
<i>For >5 CLF, Deduct</i>	-42.82	
07 92 13 00-0044 CLF 1/2" x 7/8" Joint, Polyurethane Sealant And Caulking	653.84	117.68
<i>For Up To 0.8 CLF, Add</i>	40.18	
<i>For >4.5 CLF, Deduct</i>	-47.67	
07 92 13 00-0045 CLF 1/2" x 1" Joint, Polyurethane Sealant And Caulking	708.07	122.25
<i>For Up To 0.75 CLF, Add</i>	43.96	
<i>For >4 CLF, Deduct</i>	-52.53	
07 92 13 00-0046 CLF 3/4" x 3/4" Joint, Polyurethane Sealant And Caulking	762.29	125.68
<i>For Up To 0.65 CLF, Add</i>	47.75	
<i>For >3.5 CLF, Deduct</i>	-57.38	
07 92 13 00-0047 CLF 3/4" x 1" Joint, Polyurethane Sealant And Caulking	924.98	137.11
<i>For Up To 0.5 CLF, Add</i>	59.09	
<i>For >2.5 CLF, Deduct</i>	-71.93	
07 92 13 00-0048 Flexible Polysulfide Sealant And Caulking, Clear (07 92 13)		
Note: 1 or 2 part, non-sag.		
07 92 13 00-0049 CLF 1/4" x 1/4" Joint, Polysulfide Sealant And Caulking	355.37	102.83
<i>For Up To 6 CLF, Add</i>	18.94	
<i>For >30 CLF, Deduct</i>	-20.11	
07 92 13 00-0050 CLF 1/4" x 3/8" Joint, Polysulfide Sealant And Caulking	378.82	102.83
<i>For Up To 4 CLF, Add</i>	20.70	
<i>For >20 CLF, Deduct</i>	-22.46	
07 92 13 00-0051 CLF 1/4" x 1/2" Joint, Polysulfide Sealant And Caulking	413.67	106.26
<i>For Up To 3 CLF, Add</i>	23.03	
<i>For >15 CLF, Deduct</i>	-25.37	

07 Thermal And Moisture Protection**07 90 Joint Protection****07 92 Joint Sealants**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 13 00-0052	CLF		3/8" x 3/8" Joint, Polysulfide Sealant And Caulking	425.39	106.26
			<i>For Up To 2.5 CLF, Add</i>	23.91	
			<i>For >13 CLF, Deduct</i>	-26.54	
07 92 13 00-0053	CLF		3/8" x 1/2" Joint, Polysulfide Sealant And Caulking	460.56	106.26
			<i>For Up To 2 CLF, Add</i>	26.54	
			<i>For >10 CLF, Deduct</i>	-30.06	
07 92 13 00-0054	CLF		3/8" x 5/8" Joint, Polysulfide Sealant And Caulking	495.71	106.26
			<i>For Up To 1.5 CLF, Add</i>	29.18	
			<i>For >8 CLF, Deduct</i>	-33.58	
07 92 13 00-0055	CLF		3/8" x 3/4" Joint, Polysulfide Sealant And Caulking	542.29	110.83
			<i>For Up To 1.3 CLF, Add</i>	32.39	
			<i>For >7 CLF, Deduct</i>	-37.66	
07 92 13 00-0056	CLF		1/2" x 1/2" Joint, Polysulfide Sealant And Caulking	518.86	110.83
			<i>For Up To 1.4 CLF, Add</i>	30.63	
			<i>For >7.5 CLF, Deduct</i>	-35.32	
07 92 13 00-0057	CLF		1/2" x 5/8" Joint, Polysulfide Sealant And Caulking	577.17	114.26
			<i>For Up To 1.15 CLF, Add</i>	34.72	
			<i>For >6 CLF, Deduct</i>	-40.58	
07 92 13 00-0058	CLF		1/2" x 3/4" Joint, Polysulfide Sealant And Caulking	624.04	114.26
			<i>For Up To 1 CLF, Add</i>	38.23	
			<i>For >5 CLF, Deduct</i>	-45.27	
07 92 13 00-0059	CLF		1/2" x 7/8" Joint, Polysulfide Sealant And Caulking	682.36	117.68
			<i>For Up To 0.8 CLF, Add</i>	42.32	
			<i>For >4.5 CLF, Deduct</i>	-50.53	
07 92 13 00-0060	CLF		1/2" x 1" Joint, Polysulfide Sealant And Caulking	740.64	122.25
			<i>For Up To 0.75 CLF, Add</i>	46.41	
			<i>For >4 CLF, Deduct</i>	-55.78	
07 92 13 00-0061	CLF		3/4" x 3/4" Joint, Polysulfide Sealant And Caulking	798.95	125.68
			<i>For Up To 0.65 CLF, Add</i>	50.50	
			<i>For >3.5 CLF, Deduct</i>	-61.04	
07 92 13 00-0062	CLF		3/4" x 1" Joint, Polysulfide Sealant And Caulking	973.85	137.11
			<i>For Up To 0.5 CLF, Add</i>	62.76	
			<i>For >2.5 CLF, Deduct</i>	-76.82	
07 92 13 00-0063			Flexible Polyurethane Security Sealant And Caulking (07 92 13)		
			Note: 1 or 2 part, non-sag.		
07 92 13 00-0064	CLF		1/4" x 1/4" Joint, Flexible Polyurethane Security Sealant And Caulking	365.31	102.83
			<i>For Up To 6 CLF, Add</i>	19.69	
			<i>For >30 CLF, Deduct</i>	-21.11	
07 92 13 00-0065	CLF		1/4" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	393.72	102.83
			<i>For Up To 4 CLF, Add</i>	21.82	
			<i>For >20 CLF, Deduct</i>	-23.95	
07 92 13 00-0066	CLF		1/4" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	433.54	106.26
			<i>For Up To 3 CLF, Add</i>	24.52	
			<i>For >15 CLF, Deduct</i>	-27.36	
07 92 13 00-0067	CLF		3/8" x 3/8" Joint, Flexible Polyurethane Security Sealant And Caulking	447.74	106.26
			<i>For Up To 2.5 CLF, Add</i>	25.58	
			<i>For >13 CLF, Deduct</i>	-28.78	
07 92 13 00-0068	CLF		3/8" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	490.35	106.26
			<i>For Up To 2 CLF, Add</i>	28.78	
			<i>For >10 CLF, Deduct</i>	-33.04	
07 92 13 00-0069	CLF		3/8" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	532.96	106.26
			<i>For Up To 1.5 CLF, Add</i>	31.97	
			<i>For >8 CLF, Deduct</i>	-37.30	
07 92 13 00-0070	CLF		3/8" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	587.00	110.83
			<i>For Up To 1.3 CLF, Add</i>	35.74	
			<i>For >7 CLF, Deduct</i>	-42.13	
07 92 13 00-0071	CLF		1/2" x 1/2" Joint, Flexible Polyurethane Security Sealant And Caulking	558.59	110.83
			<i>For Up To 1.4 CLF, Add</i>	33.61	
			<i>For >7.5 CLF, Deduct</i>	-39.29	
07 92 13 00-0072	CLF		1/2" x 5/8" Joint, Flexible Polyurethane Security Sealant And Caulking	626.83	114.26
			<i>For Up To 1.15 CLF, Add</i>	38.44	
			<i>For >6 CLF, Deduct</i>	-45.54	
07 92 13 00-0073	CLF		1/2" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	683.64	114.26
			<i>For Up To 1 CLF, Add</i>	42.70	
			<i>For >5 CLF, Deduct</i>	-51.23	
07 92 13 00-0074	CLF		1/2" x 7/8" Joint, Flexible Polyurethane Security Sealant And Caulking	751.88	117.68
			<i>For Up To 0.8 CLF, Add</i>	47.54	
			<i>For >4.5 CLF, Deduct</i>	-57.48	
07 92 13 00-0075	CLF		1/2" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	820.11	122.25
			<i>For Up To 0.75 CLF, Add</i>	52.37	
			<i>For >4 CLF, Deduct</i>	-63.73	
07 92 13 00-0076	CLF		3/4" x 3/4" Joint, Flexible Polyurethane Security Sealant And Caulking	888.34	125.68
			<i>For Up To 0.65 CLF, Add</i>	57.20	
			<i>For >3.5 CLF, Deduct</i>	-69.98	
07 92 13 00-0077	CLF		3/4" x 1" Joint, Flexible Polyurethane Security Sealant And Caulking	1,093.06	137.11
			<i>For Up To 0.5 CLF, Add</i>	71.70	
			<i>For >2.5 CLF, Deduct</i>	-88.74	

07 92 19 Acoustical Joint Sealants (07 92)**07 92 19 00-0001 Acoustical Sealant** (07 92 19)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 92 19 00-0002 CLF 1/4" x 1/4" Joint, Acoustical Sealant <i>For Custom Match Coloring, Add</i> <i>For Up To 6 CLF, Add</i> <i>For >30 CLF, Deduct</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	358.44 11.99 19.17 -20.42 17.48 9.99	102.83
07 92 19 00-0003 CLF 1/4" x 3/8" Joint, Acoustical Sealant <i>For Custom Match Coloring, Add</i> <i>For Up To 4 CLF, Add</i> <i>For >20 CLF, Deduct</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	377.40 16.54 20.59 -22.32 24.12 13.78	102.83
07 92 19 00-0004 CLF 1/4" x 1/2" Joint, Acoustical Sealant <i>For Custom Match Coloring, Add</i> <i>For Up To 3 CLF, Add</i> <i>For >15 CLF, Deduct</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	400.00 19.22 22.00 -24.00 28.03 16.02	106.26
07 92 19 00-0005 CLF 3/8" x 3/8" Joint, Acoustical Sealant <i>For Custom Match Coloring, Add</i> <i>For Up To 2.5 CLF, Add</i> <i>For >13 CLF, Deduct</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	431.03 26.67 24.33 -27.11 38.89 22.22	106.26
07 92 19 00-0006 CLF 3/8" x 1/2" Joint, Acoustical Sealant <i>For Custom Match Coloring, Add</i> <i>For Up To 2 CLF, Add</i> <i>For >10 CLF, Deduct</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	463.28 34.41 26.75 -30.33 50.18 28.67	106.26
07 92 19 00-0007 CLF 1/2" x 1/2" Joint, Acoustical Sealant <i>For Custom Match Coloring, Add</i> <i>For Up To 1.4 CLF, Add</i> <i>For >7.5 CLF, Deduct</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	533.36 48.48 31.72 -36.77 70.70 40.40	110.83

07 95 Expansion Control (07 90)

07 95 13 Expansion Joint Cover Assemblies (07 95)

Note: Includes necessary waterproofing mastics/caulking.

07 95 13 13 Interior Expansion Joint Cover Assemblies (07 95 13)

07 95 13 13-0001 Interior Floor Expansion Joint Cover Assemblies (07 95 13 13)

07 95 13 13-0002 With 1" Space (07 95 13 13-0001)

07 95 13 13-0003	LF 1" Opening Floor Assembly Type, With Aluminum Expansion Joint Cover.....	73.54	6.27
07 95 13 13-0004	LF 1" Opening Floor Assembly Type, With Bronze Expansion Joint Cover	79.02	6.27
07 95 13 13-0005	LF 1" Opening Floor Assembly Type, With Stainless Steel Expansion Joint Cover.....	94.34	6.27

07 95 13 13-0006 With 2" Space (07 95 13 13-0001)

07 95 13 13-0007	LF 2" Opening Floor Assembly Type, Aluminum Expansion Joint Cover.....	99.28	6.27
07 95 13 13-0008	LF 2" Opening Floor Assembly Type, Bronze Expansion Joint Cover	98.00	6.27
07 95 13 13-0009	LF 2" Opening Floor Assembly Type, Stainless Steel Expansion Joint Cover.....	130.49	6.27

07 95 13 13-0010 Interior Ceiling And Wall Expansion Joint Cover Assemblies (07 95 13 13)

07 95 13 13-0011 With 1" Space (07 95 13 13-0010)

07 95 13 13-0012	LF 1" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	53.25	6.27
07 95 13 13-0013	LF 1" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	65.49	6.27
07 95 13 13-0014	LF 1" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover.....	81.72	6.27

07 95 13 13-0015 With 2" Space (07 95 13 13-0010)

07 95 13 13-0016	LF 2" Opening Ceiling And Wall Assembly Type, Aluminum Expansion Joint Cover.....	68.69	6.27
07 95 13 13-0017	LF 2" Opening Ceiling And Wall Assembly Type, Bronze Expansion Joint Cover	74.97	6.27
07 95 13 13-0018	LF 2" Opening Ceiling And Wall Assembly Type, Stainless Steel Expansion Joint Cover.....	99.79	6.27

07 95 13 16 Exterior Expansion Joint Cover Assemblies (07 95 13)

07 95 13 16-0001 Exterior Roof Aluminum Expansion Joint Cover Assemblies (07 95 13 16)

07 95 13 16-0002 Roof To Roof (07 95 13 16-0001)

07 95 13 16-0003	LF 1" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	101.46	4.18
07 95 13 16-0004	LF 2" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint.....	123.13	4.18
07 95 13 16-0005	LF 3" Opening Aluminum Assemblies, Exterior Roof To Roof Expansion Joint	138.05	4.18

07 95 13 16-0006 Roof To Wall (07 95 13 16-0001)

07 95 13 16-0007	LF 1" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	74.29	4.18
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07 Thermal And Moisture Protection**07 90 Joint Protection****07 95 Expansion Control**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
07 95 13 16-0008 LF 2" Opening Aluminum Assemblies, Exterior Roof To Wall Expansion Joint.....	100.81	4.18
07 95 13 16-0009 Flat Wall To Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0010 LF 1" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	54.54	4.18
07 95 13 16-0011 LF 2" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	70.45	4.18
07 95 13 16-0012 LF 3" Opening Aluminum Assemblies, Exterior Wall To Wall Expansion Joint	89.66	4.18
07 95 13 16-0013 Corner To Flat Wall <small>(07 95 13 16-0001)</small>		
07 95 13 16-0014 LF 1" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	50.83	4.18
07 95 13 16-0015 LF 2" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	61.44	4.18
07 95 13 16-0016 LF 3" Opening Aluminum Assemblies, Exterior Corner To Wall Expansion Joint	91.25	4.18

END OF SECTION 07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 Openings

08 01 Operation and Maintenance of Openings ⁽⁰⁸⁾

08 01 10 Operation and Maintenance of Doors and Frames ^(08 01)

08 01 11 Operation and Maintenance of Metal Doors and Frames ^(08 01 10)

08 01 11 61 Metal Doors and Frames Repair ^(08 01 11)

08 01 11 61-0001	EA	Hollow Metal Door Repair ^(08 01 11 61)	
<i>Note: Repairs are based on holes or damage of less than 1/2 of a square foot.</i>			
08 01 11 61-0002	EA	Up To 1 SI, Patch Small Drill Holes	20.59
<i>Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish</i>			
08 01 11 61-0003	EA	>1 To 6 SI, Patch Small Drill Holes	41.32
<i>Note: Per hinge location - sand to bare metal, mix/patch with bondo, fine grit sand smooth for finish</i>			
08 01 11 61-0004	LF	Patch Deep Scrapes Or Cuts In Doors	49.78

08 01 50 Operation and Maintenance of Windows ^(08 01)

08 01 52 Operation and Maintenance of Wood Windows ^(08 01 50)

08 01 52 61 Wood Window Repairs ^(08 01 52)

08 01 52 61-0001		Window Restoration And Replacement ^(08 01 52 61)	
08 01 52 61-0002	EA	Removal And Replacement Of Sash Guides	12.79
08 01 52 61-0003	EA	Removal And Replacement Of Window Arms	36.17
08 01 52 61-0004	EA	Removal And Replacement Of Window Crank Operator	41.68
08 01 52 61-0005	EA	Removal And Replacement Of Brass Window Sash Pull	25.22
08 01 52 61-0006	EA	Removal And Replacement Of Brass Window Sash Lock	22.67
08 01 52 61-0007	EA	Removal And Replacement Of Window Balance, Removable Sash Window	28.32
<i>Note: Channel, spiral or coil balance.</i>			
08 01 52 61-0008	EA	Removal And Replacement Of Window Balance, Sash Window, Wooden Stops And/OR Casing	85.47
<i>Note: Channel, spiral or coil balance.</i>			
<i>For Replacing Two Balances In One Window, Deduct</i>			-31.55

08 01 70 Operation and Maintenance of Hardware ^(08 01)

08 01 71 Operation and Maintenance of Door Hardware ^(08 01 70)

08 01 71 81 Door Hardware Replacement ^(08 01 71)

08 01 71 81-0001		Replacement Keys For Locks ^(08 01 71 81)	
08 01 71 81-0002	EA	LL803 Replacement Keys	8.86
08 01 71 81-0003	EA	Cat45 Replacement Keys	9.57

08 01 80 Maintenance of Glazing ^(08 01)

08 01 81 Maintenance of Glass Glazing ^(08 01 80)

08 01 81 10 Maintenance of Glass Glazing ^(08 01 81)

08 01 81 10-0001		Glazing Compound Repair ^(08 01 81 10)	
08 01 81 10-0002	LF	Removal And Replacement Of Up To 1/2" Wide Damaged, Broken Or Cracked Window Glazing (For Glazing Compound Repair)	7.27

08 05 Common Work Results for Openings ⁽⁰⁸⁾

08 05 13 Door Options and Modifications ^(08 05)

Note: Excludes removal and installation of door.

08 05 13 00-0001		Door Vision Panels (Pemko LT-S1) ^(08 05 13)	
<i>Note: Factory primed or powder coated. See CSI section 08 81 00 00-0000 for glazing.</i>			
08 05 13 00-0002	EA	For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	143.46
<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>			71.73
08 05 13 00-0003	EA	For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	181.59
<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>			90.80
08 05 13 00-0004	EA	For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	210.65
<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>			105.33
08 05 13 00-0005	EA	For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	268.75
<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>			134.38
08 05 13 00-0006	EA	For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add	348.65
<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>			174.33

08 Openings**08 05 Common Work Results for Openings****08 05 13 Door Options and Modifications**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0007	EA		For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	444.90	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	222.45	
08 05 13 00-0008	EA		For >10 SF, Factory Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	472.14	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	236.07	
08 05 13 00-0009	EA		For Up To 1 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	244.73	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	65.21	
08 05 13 00-0010	EA		For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	290.82	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	82.54	
08 05 13 00-0011	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	328.66	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	95.75	
08 05 13 00-0012	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	392.92	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	122.16	
08 05 13 00-0013	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	476.99	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	158.48	
08 05 13 00-0014	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	575.91	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	202.23	
08 05 13 00-0015	EA		For >10 SF, Site Installed 20 Gauge Galvannealed Steel Frame With 3/8" Glazing Pocket For Vision Glass In Door, Add.....	612.10	
			<i>For 9/16" To 1-1/16" Glazing Pocket, Add</i>	214.61	
08 05 13 00-0016			Door Louvers, Inverted "Y" 50% Free Air (Pemko LV-IY) <small>(08 05 13)</small>		
			Note: Factory primed or powder coated.		
08 05 13 00-0017	EA		For Up To 1 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	136.79	
08 05 13 00-0018	EA		For >1 To 2 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	155.40	
08 05 13 00-0019	EA		For >2 To 4 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	211.21	
08 05 13 00-0020	EA		For >4 To 6 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	393.85	
08 05 13 00-0021	EA		For >6 To 8 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	487.06	
08 05 13 00-0022	EA		For >8 To 10 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	581.76	
08 05 13 00-0023	EA		For >10 To 14 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	759.15	
08 05 13 00-0024	EA		For >14 To 18 SF, Factory Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	893.63	
			<i>For 18 Gauge Louver And 18 Gauge Frame, Add</i>	107.24	
08 05 13 00-0025	EA		For Up To 1 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	222.52	
08 05 13 00-0026	EA		For >1 To 2 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	249.70	
08 05 13 00-0027	EA		For >2 To 4 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	314.08	
08 05 13 00-0028	EA		For >4 To 6 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	505.30	
08 05 13 00-0029	EA		For >6 To 8 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	607.08	
08 05 13 00-0030	EA		For >8 To 10 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	710.35	
08 05 13 00-0031	EA		For >10 To 14 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	896.31	
08 05 13 00-0032	EA		For >14 To 18 SF, Site Installed 20 Gauge Galvannealed Inverted "Y" Blades, 18 Gauge Galvannealed Frame Louver In Door, Add.....	1,036.51	
			<i>For 18 Gauge Louver And 18 Gauge Frame, Add</i>	107.24	
08 05 13 00-0033			Fire Rated Fusible Link Louvers (Pemko LV-FL) <small>(08 05 13)</small>		
			Note: Factory primed or powder coated.		
08 05 13 00-0034	EA		For Up To 1 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	277.01	
08 05 13 00-0035	EA		For >1 To 2 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	316.99	
08 05 13 00-0036	EA		For >2 To 4 SF, Factory Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	372.33	
08 05 13 00-0037	EA		For Up To 1 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	379.88	
08 05 13 00-0038	EA		For >1 To 2 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	431.30	
08 05 13 00-0039	EA		For >2 To 4 SF, Site Installed 16 Gauge Galvannealed Adjustable "Z" Blades, 18 Gauge Galvannealed Frame Fire Rated Fusible Link Louver In Door, Add.....	495.78	
08 05 13 00-0040			Door Hardware Preparation <small>(08 05 13)</small>		
08 05 13 00-0041	EA		Factory Prepare Wood Door (Rated Or Non-Rated) For Mortise Lockset Hardware.....	85.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 05 13 00-0042 EA Prepare Existing Wood Door (Rated) For Mortise Lockset Hardware..... Note: Requires door to be taken off site for UL certification.	211.38	
08 05 13 00-0043 EA Prepare Existing Wood Door (Non-Rated) For Mortise Lockset Hardware.....	97.12	
08 05 13 00-0044 EA Prepare Existing Wood Door (Rated) For Cylindrical Lockset Hardware..... Note: Requires door to be taken off site for UL certification.	171.39	
08 05 13 00-0045 EA Prepare Existing Wood Door (Non-Rated) For Cylindrical Lockset Hardware.....	28.56	
08 05 13 00-0046 EA Prepare Existing Wood Door (Rated) For Concealed Vertical Rod..... Note: Requires door to be taken off site for UL certification.	314.25	
08 05 13 00-0047 EA Prepare Existing Wood Door (Non-Rated) For Concealed Vertical Rod.....	199.95	
08 05 13 00-0048 EA Prepare Existing Wood Door (Rated) For Electric Hardware..... Note: Requires door to be taken off site for UL certification.	211.38	
08 05 13 00-0049 EA Prepare Existing Door (Non-Rated) For Electric Hardware.....	97.12	
08 05 13 00-0050 Door Modifications (08 05 13)		
08 05 13 00-0051 EA Removal And Reinstallation Of Door.....	97.16	
08 05 13 00-0052 EA Removal And Reinstallation Of Metal Door Frame.....	190.51	
08 05 13 00-0053 EA Trim Bottom Of Existing Steel Door For Installation Of Carpet Or Tile..... Note: Excludes removal and reinstallation of door.	102.87	
08 05 13 00-0054 EA Modify Metal Door Frame For Door Swing..... Note: Includes removal of door; install blank hinge plates, new continuous hinge, blank strike plate, new strike plate and reinstallation of door.	1,303.38	
08 05 13 00-0055 EA Factory Installed Sound Proofing (STC 28) In Metal Door.....	158.15	
08 05 13 00-0056 SF For 16 Gauge Steel Metal Plate Bolted On Door..... Note: Includes mounting hardware.	30.08	
08 05 13 00-0057 EA Removal And Reinstallation Of Wood Door Frame.....	115.10	
08 05 13 00-0058 EA Trim Bottom Of Existing Wood Door For Installation Of Carpet Or Tile..... Note: Excludes removal and reinstallation of door.	51.80	
08 05 13 00-0059 EA Factory Trim Wood Door Edge For Custom Width.....	74.81	
08 10 Doors and Frames (08)		
08 11 Metal Doors and Frames (08 10)		
08 11 63 Metal Screen and Storm Doors and Frames (08 11)		
08 11 63 13 Steel Screen and Storm Doors and Frames (08 11 63)		
08 11 63 13-0001 Steel Screen Door (08 11 63 13) Note: Includes frame, trim, necessary anchors and hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 13-0002 EA 2'-8" x 7", Residential, Steel Screen Door With Frame, Trim, Hardware.....	1,072.31	157.17
08 11 63 13-0003 EA 3' x 7' Steel Screen Door, Residential, With Frame, Trim, Hardware.....	1,083.78	162.89
08 11 63 13-0004 EA Steel Combination Type Residential Storm Door, With Mesh And Tempered Glass With Frame, Trim, Hardware.....	1,323.04	162.89
08 11 63 23 Aluminum Screen and Storm Doors and Frames (08 11 63)		
08 11 63 23-0001 Aluminum Combination Type With Tempered Glass At Top And Bottom (08 11 63 23) Note: Includes frame trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 11 63 23-0002 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top With Frame, Trim, Hardware..... <i>For Special Finished, Add</i>	1,068.86 100.83	91.45
08 11 63 23-0003 EA Aluminum Combination Type Residential Storm Door, Tempered Glass Top And Bottom With Frame, Trim, Hardware.....	1,125.53	91.45
08 11 63 23-0004 EA Aluminum Screen Door.....	309.35	57.13
08 11 63 23-0005 SF Repair Screen Door.....	9.24	
08 11 73 Sliding Metal Fire Doors (08 11)		
08 11 73 00-0001 Motor Operated Fire Door (08 11 73) Note: With fusible link, 3 hour rating. Excludes electrical hook-up of motor.		
08 11 73 00-0002 EA 3' x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	4,751.18	522.73
08 11 73 00-0003 EA 3' 8" x 6' 8" Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	5,135.49	522.73
08 11 73 00-0004 EA 4' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	5,784.99	522.73
08 11 73 00-0005 EA 5' x 8' Sliding Metal Fire Door, Motor Operated Door With 3 Hour Rating.....	6,484.47	522.73
08 12 Metal Frames (08 10) Note: Includes perimeter caulk, sealant (as required), anchors and silencers.		
08 12 13 Hollow Metal Frames (08 12)		
08 12 13 13 Standard Hollow Metal Frames (08 12 13) Note: Shop prime coat. See CSI section 04 05 16 26-0017 for grouting frames.		
08 12 13 13-0001 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13) Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0002 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)		

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 12 13 13-0003	EA	2' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	468.27		85.73
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	44.52		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	35.62		
		<i>For Type 304 Stainless Steel Frame, Add</i>	542.83		
		<i>For Type 316 Stainless Steel Frame, Add</i>	631.87		
		<i>For Baked Enamel Finish, Add</i>	114.76		
		<i>For 18 Gauge Frame, Deduct</i>	-29.68		
		<i>For 14 Gauge Frame, Add</i>	74.20		
		<i>For 12 Gauge Frame, Add</i>	112.79		
08 12 13 13-0004	EA	2'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	541.95		94.30
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	53.00		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	42.40		
		<i>For Type 304 Stainless Steel Frame, Add</i>	645.44		
		<i>For Type 316 Stainless Steel Frame, Add</i>	751.44		
		<i>For Baked Enamel Finish, Add</i>	134.29		
		<i>For 18 Gauge Frame, Deduct</i>	-35.33		
		<i>For 14 Gauge Frame, Add</i>	88.34		
		<i>For 12 Gauge Frame, Add</i>	134.27		
08 12 13 13-0005	EA	2'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	559.04		100.01
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	53.85		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	43.08		
		<i>For Type 304 Stainless Steel Frame, Add</i>	656.20		
		<i>For Type 316 Stainless Steel Frame, Add</i>	763.90		
		<i>For Baked Enamel Finish, Add</i>	137.71		
		<i>For 18 Gauge Frame, Deduct</i>	-35.90		
		<i>For 14 Gauge Frame, Add</i>	89.75		
		<i>For 12 Gauge Frame, Add</i>	136.42		
08 12 13 13-0006	EA	2'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	576.18		108.59
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	53.85		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	43.08		
		<i>For Type 304 Stainless Steel Frame, Add</i>	657.06		
		<i>For Type 316 Stainless Steel Frame, Add</i>	764.76		
		<i>For Baked Enamel Finish, Add</i>	140.28		
		<i>For 18 Gauge Frame, Deduct</i>	-35.90		
		<i>For 14 Gauge Frame, Add</i>	89.75		
		<i>For 12 Gauge Frame, Add</i>	136.42		
08 12 13 13-0007	EA	2'-10" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	587.55		111.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	54.70		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	43.76		
		<i>For Type 304 Stainless Steel Frame, Add</i>	667.52		
		<i>For Type 316 Stainless Steel Frame, Add</i>	776.91		
		<i>For Baked Enamel Finish, Add</i>	142.83		
		<i>For 18 Gauge Frame, Deduct</i>	-36.47		
		<i>For 14 Gauge Frame, Add</i>	91.16		
		<i>For 12 Gauge Frame, Add</i>	138.57		
08 12 13 13-0008	EA	3' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	598.91		114.31
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	55.55		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	44.44		
		<i>For Type 304 Stainless Steel Frame, Add</i>	677.97		
		<i>For Type 316 Stainless Steel Frame, Add</i>	789.06		
		<i>For Baked Enamel Finish, Add</i>	145.38		
		<i>For 18 Gauge Frame, Deduct</i>	-37.03		
		<i>For 14 Gauge Frame, Add</i>	92.58		
		<i>For 12 Gauge Frame, Add</i>	140.71		
08 12 13 13-0009	EA	3'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	635.78		120.02
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	59.36		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	47.49		
		<i>For Type 304 Stainless Steel Frame, Add</i>	724.33		
		<i>For Type 316 Stainless Steel Frame, Add</i>	843.06		
		<i>For Baked Enamel Finish, Add</i>	154.73		
		<i>For 18 Gauge Frame, Deduct</i>	-39.57		
		<i>For 14 Gauge Frame, Add</i>	98.94		
		<i>For 12 Gauge Frame, Add</i>	150.38		
08 12 13 13-0010	EA	3'-6" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	647.21		125.74
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	59.36		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	47.49		
		<i>For Type 304 Stainless Steel Frame, Add</i>	724.91		
		<i>For Type 316 Stainless Steel Frame, Add</i>	843.63		
		<i>For Baked Enamel Finish, Add</i>	156.44		
		<i>For 18 Gauge Frame, Deduct</i>	-39.57		
		<i>For 14 Gauge Frame, Add</i>	98.94		
		<i>For 12 Gauge Frame, Add</i>	150.38		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 12 13 13-0011	EA		4' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 672.79		131.45
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	61.48	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	49.19	
				<i>For Type 304 Stainless Steel Frame, Add</i>	750.93	
				<i>For Type 316 Stainless Steel Frame, Add</i>	873.89	
				<i>For Baked Enamel Finish, Add</i>	162.40	
				<i>For 18 Gauge Frame, Deduct</i>	-40.99	
				<i>For 14 Gauge Frame, Add</i>	102.47	
				<i>For 12 Gauge Frame, Add</i>	155.75	
	08 12 13 13-0012	EA		5' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 698.35		137.16
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	63.60	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	50.88	
				<i>For Type 304 Stainless Steel Frame, Add</i>	776.94	
				<i>For Type 316 Stainless Steel Frame, Add</i>	904.14	
				<i>For Baked Enamel Finish, Add</i>	168.35	
				<i>For 18 Gauge Frame, Deduct</i>	-42.40	
				<i>For 14 Gauge Frame, Add</i>	106.00	
				<i>For 12 Gauge Frame, Add</i>	161.12	
	08 12 13 13-0013	EA		5'-4" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 709.77		142.88
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	63.60	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	50.88	
				<i>For Type 304 Stainless Steel Frame, Add</i>	777.51	
				<i>For Type 316 Stainless Steel Frame, Add</i>	904.71	
				<i>For Baked Enamel Finish, Add</i>	170.07	
				<i>For 18 Gauge Frame, Deduct</i>	-42.40	
				<i>For 14 Gauge Frame, Add</i>	106.00	
				<i>For 12 Gauge Frame, Add</i>	161.12	
	08 12 13 13-0014	EA		5'-8" x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 722.56		145.74
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	64.66	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	51.73	
				<i>For Type 304 Stainless Steel Frame, Add</i>	790.52	
				<i>For Type 316 Stainless Steel Frame, Add</i>	919.84	
				<i>For Baked Enamel Finish, Add</i>	173.05	
				<i>For 18 Gauge Frame, Deduct</i>	-43.11	
				<i>For 14 Gauge Frame, Add</i>	107.77	
				<i>For 12 Gauge Frame, Add</i>	163.81	
	08 12 13 13-0015	EA		6' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 735.34		148.60
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	65.72	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	52.58	
				<i>For Type 304 Stainless Steel Frame, Add</i>	803.51	
				<i>For Type 316 Stainless Steel Frame, Add</i>	934.95	
				<i>For Baked Enamel Finish, Add</i>	176.02	
				<i>For 18 Gauge Frame, Deduct</i>	-43.81	
				<i>For 14 Gauge Frame, Add</i>	109.54	
				<i>For 12 Gauge Frame, Add</i>	166.49	
	08 12 13 13-0016	EA		7' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 769.32		151.46
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	69.96	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	55.97	
				<i>For Type 304 Stainless Steel Frame, Add</i>	854.68	
				<i>For Type 316 Stainless Steel Frame, Add</i>	994.61	
				<i>For Baked Enamel Finish, Add</i>	185.36	
				<i>For 18 Gauge Frame, Deduct</i>	-46.64	
				<i>For 14 Gauge Frame, Add</i>	116.60	
				<i>For 12 Gauge Frame, Add</i>	177.24	
	08 12 13 13-0017	EA		8' x 6'-8" Through 7'-2" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 803.31		154.32
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	74.20	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	59.36	
				<i>For Type 304 Stainless Steel Frame, Add</i>	905.86	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,054.26	
				<i>For Baked Enamel Finish, Add</i>	194.70	
				<i>For 18 Gauge Frame, Deduct</i>	-49.47	
				<i>For 14 Gauge Frame, Add</i>	123.67	
				<i>For 12 Gauge Frame, Add</i>	187.98	
	08 12 13 13-0018			>7'-2" Through 9'-0" High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0001)		
	08 12 13 13-0019	EA		2' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame 501.25		85.73
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	49.47	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	39.57	
				<i>For Type 304 Stainless Steel Frame, Add</i>	602.20	
				<i>For Type 316 Stainless Steel Frame, Add</i>	701.13	
				<i>For Baked Enamel Finish, Add</i>	124.66	
				<i>For 18 Gauge Frame, Deduct</i>	-32.98	
				<i>For 14 Gauge Frame, Add</i>	82.45	
				<i>For 12 Gauge Frame, Add</i>	125.32	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 12 13 13-0020	EA	2'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	581.21		94.30
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	58.89		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	47.11		
		<i>For Type 304 Stainless Steel Frame, Add</i>	716.11		
		<i>For Type 316 Stainless Steel Frame, Add</i>	833.89		
		<i>For Baked Enamel Finish, Add</i>	146.07		
		<i>For 18 Gauge Frame, Deduct</i>	-39.26		
		<i>For 14 Gauge Frame, Add</i>	98.15		
		<i>For 12 Gauge Frame, Add</i>	149.19		
08 12 13 13-0021	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	598.92		100.01
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	59.83		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	47.87		
		<i>For Type 304 Stainless Steel Frame, Add</i>	727.99		
		<i>For Type 316 Stainless Steel Frame, Add</i>	847.65		
		<i>For Baked Enamel Finish, Add</i>	149.67		
		<i>For 18 Gauge Frame, Deduct</i>	-39.89		
		<i>For 14 Gauge Frame, Add</i>	99.72		
		<i>For 12 Gauge Frame, Add</i>	151.57		
08 12 13 13-0022	EA	2'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	616.06		108.59
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	59.83		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	47.87		
		<i>For Type 304 Stainless Steel Frame, Add</i>	728.84		
		<i>For Type 316 Stainless Steel Frame, Add</i>	848.51		
		<i>For Baked Enamel Finish, Add</i>	152.24		
		<i>For 18 Gauge Frame, Deduct</i>	-39.89		
		<i>For 14 Gauge Frame, Add</i>	99.72		
		<i>For 12 Gauge Frame, Add</i>	151.57		
08 12 13 13-0023	EA	2'-10" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	628.07		111.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	60.78		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	48.62		
		<i>For Type 304 Stainless Steel Frame, Add</i>	740.45		
		<i>For Type 316 Stainless Steel Frame, Add</i>	862.00		
		<i>For Baked Enamel Finish, Add</i>	154.99		
		<i>For 18 Gauge Frame, Deduct</i>	-40.52		
		<i>For 14 Gauge Frame, Add</i>	101.29		
		<i>For 12 Gauge Frame, Add</i>	153.96		
08 12 13 13-0024	EA	3' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	640.06		114.31
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	61.72		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	49.37		
		<i>For Type 304 Stainless Steel Frame, Add</i>	752.04		
		<i>For Type 316 Stainless Steel Frame, Add</i>	875.48		
		<i>For Baked Enamel Finish, Add</i>	157.73		
		<i>For 18 Gauge Frame, Deduct</i>	-41.15		
		<i>For 14 Gauge Frame, Add</i>	102.86		
		<i>For 12 Gauge Frame, Add</i>	156.35		
08 12 13 13-0025	EA	3'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	679.75		120.02
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	65.96		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	52.77		
		<i>For Type 304 Stainless Steel Frame, Add</i>	803.48		
		<i>For Type 316 Stainless Steel Frame, Add</i>	935.39		
		<i>For Baked Enamel Finish, Add</i>	167.92		
		<i>For 18 Gauge Frame, Deduct</i>	-43.97		
		<i>For 14 Gauge Frame, Add</i>	109.93		
		<i>For 12 Gauge Frame, Add</i>	167.09		
08 12 13 13-0026	EA	3'-6" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	691.18		125.74
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	65.96		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	52.77		
		<i>For Type 304 Stainless Steel Frame, Add</i>	804.05		
		<i>For Type 316 Stainless Steel Frame, Add</i>	935.96		
		<i>For Baked Enamel Finish, Add</i>	169.63		
		<i>For 18 Gauge Frame, Deduct</i>	-43.97		
		<i>For 14 Gauge Frame, Add</i>	109.93		
		<i>For 12 Gauge Frame, Add</i>	167.09		
08 12 13 13-0027	EA	4' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	718.33		131.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	68.31		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	54.65		
		<i>For Type 304 Stainless Steel Frame, Add</i>	832.90		
		<i>For Type 316 Stainless Steel Frame, Add</i>	969.53		
		<i>For Baked Enamel Finish, Add</i>	176.06		
		<i>For 18 Gauge Frame, Deduct</i>	-45.54		
		<i>For 14 Gauge Frame, Add</i>	113.86		
		<i>For 12 Gauge Frame, Add</i>	173.06		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 12 13	13-0028	EA	5' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	745.46	137.16
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	70.67	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	56.53	
				<i>For Type 304 Stainless Steel Frame, Add</i>	861.73	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,003.07	
				<i>For Baked Enamel Finish, Add</i>	182.49	
				<i>For 18 Gauge Frame, Deduct</i>	-47.11	
				<i>For 14 Gauge Frame, Add</i>	117.78	
				<i>For 12 Gauge Frame, Add</i>	179.03	
	08 12 13	13-0029	EA	5'-4" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	756.88	142.88
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	70.67	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	56.53	
				<i>For Type 304 Stainless Steel Frame, Add</i>	862.30	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,003.64	
				<i>For Baked Enamel Finish, Add</i>	184.20	
				<i>For 18 Gauge Frame, Deduct</i>	-47.11	
				<i>For 14 Gauge Frame, Add</i>	117.78	
				<i>For 12 Gauge Frame, Add</i>	179.03	
	08 12 13	13-0030	EA	5'-8" x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	770.46	145.74
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	71.85	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	57.48	
				<i>For Type 304 Stainless Steel Frame, Add</i>	876.74	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,020.43	
				<i>For Baked Enamel Finish, Add</i>	187.42	
				<i>For 18 Gauge Frame, Deduct</i>	-47.90	
				<i>For 14 Gauge Frame, Add</i>	119.75	
				<i>For 12 Gauge Frame, Add</i>	182.01	
	08 12 13	13-0031	EA	6' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	784.03	148.60
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	73.02	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	58.42	
				<i>For Type 304 Stainless Steel Frame, Add</i>	891.15	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,037.20	
				<i>For Baked Enamel Finish, Add</i>	190.63	
				<i>For 18 Gauge Frame, Deduct</i>	-48.68	
				<i>For 14 Gauge Frame, Add</i>	121.71	
				<i>For 12 Gauge Frame, Add</i>	185.00	
	08 12 13	13-0032	EA	7' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	821.15	151.46
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	77.74	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	62.19	
				<i>For Type 304 Stainless Steel Frame, Add</i>	947.98	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,103.45	
				<i>For Baked Enamel Finish, Add</i>	200.91	
				<i>For 18 Gauge Frame, Deduct</i>	-51.82	
				<i>For 14 Gauge Frame, Add</i>	129.56	
				<i>For 12 Gauge Frame, Add</i>	196.93	
	08 12 13	13-0033	EA	8' x >7'-2" Through 9' High, 4-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	858.27	154.32
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	82.45	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	65.96	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,004.78	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,169.68	
				<i>For Baked Enamel Finish, Add</i>	211.19	
				<i>For 18 Gauge Frame, Deduct</i>	-54.96	
				<i>For 14 Gauge Frame, Add</i>	137.41	
				<i>For 12 Gauge Frame, Add</i>	208.86	
	08 12 13	13-0034		5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13)</small>		
				Note: For non-rated or fire rated frame assemblies		
	08 12 13	13-0035		6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0034)</small>		
	08 12 13	13-0036	EA	2' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	501.25	85.73
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	49.47	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	39.57	
				<i>For Type 304 Stainless Steel Frame, Add</i>	602.20	
				<i>For Type 316 Stainless Steel Frame, Add</i>	701.13	
				<i>For Baked Enamel Finish, Add</i>	124.66	
				<i>For 18 Gauge Frame, Deduct</i>	-32.98	
				<i>For 14 Gauge Frame, Add</i>	82.45	
				<i>For 12 Gauge Frame, Add</i>	125.32	
	08 12 13	13-0037	EA	2'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	581.21	94.30
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	58.89	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	47.11	
				<i>For Type 304 Stainless Steel Frame, Add</i>	716.11	
				<i>For Type 316 Stainless Steel Frame, Add</i>	833.89	
				<i>For Baked Enamel Finish, Add</i>	146.07	
				<i>For 18 Gauge Frame, Deduct</i>	-39.26	
				<i>For 14 Gauge Frame, Add</i>	98.15	
				<i>For 12 Gauge Frame, Add</i>	149.19	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 12 13 13-0038	EA	2'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	598.92		100.01
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	59.83		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	47.87		
		<i>For Type 304 Stainless Steel Frame, Add</i>	727.99		
		<i>For Type 316 Stainless Steel Frame, Add</i>	847.65		
		<i>For Baked Enamel Finish, Add</i>	149.67		
		<i>For 18 Gauge Frame, Deduct</i>	-39.89		
		<i>For 14 Gauge Frame, Add</i>	99.72		
		<i>For 12 Gauge Frame, Add</i>	151.57		
08 12 13 13-0039	EA	2'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	616.06		108.59
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	59.83		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	47.87		
		<i>For Type 304 Stainless Steel Frame, Add</i>	728.84		
		<i>For Type 316 Stainless Steel Frame, Add</i>	848.51		
		<i>For Baked Enamel Finish, Add</i>	152.24		
		<i>For 18 Gauge Frame, Deduct</i>	-39.89		
		<i>For 14 Gauge Frame, Add</i>	99.72		
		<i>For 12 Gauge Frame, Add</i>	151.57		
08 12 13 13-0040	EA	2'-10" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	628.07		111.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	60.78		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	48.62		
		<i>For Type 304 Stainless Steel Frame, Add</i>	740.45		
		<i>For Type 316 Stainless Steel Frame, Add</i>	862.00		
		<i>For Baked Enamel Finish, Add</i>	154.99		
		<i>For 18 Gauge Frame, Deduct</i>	-40.52		
		<i>For 14 Gauge Frame, Add</i>	101.29		
		<i>For 12 Gauge Frame, Add</i>	153.96		
08 12 13 13-0041	EA	3' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	640.06		114.31
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	61.72		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	49.37		
		<i>For Type 304 Stainless Steel Frame, Add</i>	752.04		
		<i>For Type 316 Stainless Steel Frame, Add</i>	875.48		
		<i>For Baked Enamel Finish, Add</i>	157.73		
		<i>For 18 Gauge Frame, Deduct</i>	-41.15		
		<i>For 14 Gauge Frame, Add</i>	102.86		
		<i>For 12 Gauge Frame, Add</i>	156.35		
08 12 13 13-0042	EA	3'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	679.75		120.02
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	65.96		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	52.77		
		<i>For Type 304 Stainless Steel Frame, Add</i>	803.48		
		<i>For Type 316 Stainless Steel Frame, Add</i>	935.39		
		<i>For Baked Enamel Finish, Add</i>	167.92		
		<i>For 18 Gauge Frame, Deduct</i>	-43.97		
		<i>For 14 Gauge Frame, Add</i>	109.93		
		<i>For 12 Gauge Frame, Add</i>	167.09		
08 12 13 13-0043	EA	3'-6" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	691.18		125.74
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	65.96		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	52.77		
		<i>For Type 304 Stainless Steel Frame, Add</i>	804.05		
		<i>For Type 316 Stainless Steel Frame, Add</i>	935.96		
		<i>For Baked Enamel Finish, Add</i>	169.63		
		<i>For 18 Gauge Frame, Deduct</i>	-43.97		
		<i>For 14 Gauge Frame, Add</i>	109.93		
		<i>For 12 Gauge Frame, Add</i>	167.09		
08 12 13 13-0044	EA	4' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	718.33		131.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	68.31		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	54.65		
		<i>For Type 304 Stainless Steel Frame, Add</i>	832.90		
		<i>For Type 316 Stainless Steel Frame, Add</i>	969.53		
		<i>For Baked Enamel Finish, Add</i>	176.06		
		<i>For 18 Gauge Frame, Deduct</i>	-45.54		
		<i>For 14 Gauge Frame, Add</i>	113.86		
		<i>For 12 Gauge Frame, Add</i>	173.06		
08 12 13 13-0045	EA	5' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	745.46		137.16
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	70.67		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	56.53		
		<i>For Type 304 Stainless Steel Frame, Add</i>	861.73		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,003.07		
		<i>For Baked Enamel Finish, Add</i>	182.49		
		<i>For 18 Gauge Frame, Deduct</i>	-47.11		
		<i>For 14 Gauge Frame, Add</i>	117.78		
		<i>For 12 Gauge Frame, Add</i>	179.03		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0046 EA 5'-4" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	756.88	142.88
For Auxiliary Frame Reinforcement For Hinges, Add	70.67	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	56.53	
For Type 304 Stainless Steel Frame, Add	862.30	
For Type 316 Stainless Steel Frame, Add	1,003.64	
For Baked Enamel Finish, Add	184.20	
For 18 Gauge Frame, Deduct	-47.11	
For 14 Gauge Frame, Add	117.78	
For 12 Gauge Frame, Add	179.03	
08 12 13 13-0047 EA 5'-8" x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	770.45	145.74
For Auxiliary Frame Reinforcement For Hinges, Add	71.85	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	57.48	
For Type 304 Stainless Steel Frame, Add	876.72	
For Type 316 Stainless Steel Frame, Add	1,020.41	
For Baked Enamel Finish, Add	187.41	
For 18 Gauge Frame, Deduct	-47.90	
For 14 Gauge Frame, Add	119.74	
For 12 Gauge Frame, Add	182.01	
08 12 13 13-0048 EA 6' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	784.03	148.60
For Auxiliary Frame Reinforcement For Hinges, Add	73.02	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	58.42	
For Type 304 Stainless Steel Frame, Add	891.15	
For Type 316 Stainless Steel Frame, Add	1,037.20	
For Baked Enamel Finish, Add	190.63	
For 18 Gauge Frame, Deduct	-48.68	
For 14 Gauge Frame, Add	121.71	
For 12 Gauge Frame, Add	185.00	
08 12 13 13-0049 EA 7' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	821.15	151.46
For Auxiliary Frame Reinforcement For Hinges, Add	77.74	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	62.19	
For Type 304 Stainless Steel Frame, Add	947.98	
For Type 316 Stainless Steel Frame, Add	1,103.45	
For Baked Enamel Finish, Add	200.91	
For 18 Gauge Frame, Deduct	-51.82	
For 14 Gauge Frame, Add	129.56	
For 12 Gauge Frame, Add	196.93	
08 12 13 13-0050 EA 8' x 6'-8" Through 7'-2" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	858.27	154.32
For Auxiliary Frame Reinforcement For Hinges, Add	82.45	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	65.96	
For Type 304 Stainless Steel Frame, Add	1,004.78	
For Type 316 Stainless Steel Frame, Add	1,169.68	
For Baked Enamel Finish, Add	211.19	
For 18 Gauge Frame, Deduct	-54.96	
For 14 Gauge Frame, Add	137.41	
For 12 Gauge Frame, Add	208.86	
08 12 13 13-0051 >7'-2" Through 9'-0" High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0034)		
08 12 13 13-0052 EA 2' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	537.89	85.73
For Auxiliary Frame Reinforcement For Hinges, Add	54.96	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	43.97	
For Type 304 Stainless Steel Frame, Add	668.15	
For Type 316 Stainless Steel Frame, Add	778.08	
For Baked Enamel Finish, Add	135.65	
For 18 Gauge Frame, Deduct	-36.64	
For 14 Gauge Frame, Add	91.61	
For 12 Gauge Frame, Add	139.24	
08 12 13 13-0053 EA 2'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	624.83	94.30
For Auxiliary Frame Reinforcement For Hinges, Add	65.43	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	52.35	
For Type 304 Stainless Steel Frame, Add	794.63	
For Type 316 Stainless Steel Frame, Add	925.49	
For Baked Enamel Finish, Add	159.16	
For 18 Gauge Frame, Deduct	-43.62	
For 14 Gauge Frame, Add	109.06	
For 12 Gauge Frame, Add	165.76	
08 12 13 13-0054 EA 2'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	643.24	100.01
For Auxiliary Frame Reinforcement For Hinges, Add	66.48	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	53.18	
For Type 304 Stainless Steel Frame, Add	807.76	
For Type 316 Stainless Steel Frame, Add	940.72	
For Baked Enamel Finish, Add	162.97	
For 18 Gauge Frame, Deduct	-44.32	
For 14 Gauge Frame, Add	110.80	
For 12 Gauge Frame, Add	168.42	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 12 13 13-0055	EA	2'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	660.38		108.59
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	66.48		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	53.18		
		<i>For Type 304 Stainless Steel Frame, Add</i>	808.62		
		<i>For Type 316 Stainless Steel Frame, Add</i>	941.58		
		<i>For Baked Enamel Finish, Add</i>	165.54		
		<i>For 18 Gauge Frame, Deduct</i>	-44.32		
		<i>For 14 Gauge Frame, Add</i>	110.80		
		<i>For 12 Gauge Frame, Add</i>	168.42		
08 12 13 13-0056	EA	2'-10" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	673.08		111.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	67.53		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	54.02		
		<i>For Type 304 Stainless Steel Frame, Add</i>	821.47		
		<i>For Type 316 Stainless Steel Frame, Add</i>	956.52		
		<i>For Baked Enamel Finish, Add</i>	168.49		
		<i>For 18 Gauge Frame, Deduct</i>	-45.02		
		<i>For 14 Gauge Frame, Add</i>	112.55		
		<i>For 12 Gauge Frame, Add</i>	171.07		
08 12 13 13-0057	EA	3' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	685.77		114.31
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	68.57		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	54.86		
		<i>For Type 304 Stainless Steel Frame, Add</i>	834.32		
		<i>For Type 316 Stainless Steel Frame, Add</i>	971.47		
		<i>For Baked Enamel Finish, Add</i>	171.44		
		<i>For 18 Gauge Frame, Deduct</i>	-45.72		
		<i>For 14 Gauge Frame, Add</i>	114.29		
		<i>For 12 Gauge Frame, Add</i>	173.72		
08 12 13 13-0058	EA	3'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	728.61		120.02
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	73.29		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	58.63		
		<i>For Type 304 Stainless Steel Frame, Add</i>	891.43		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,038.00		
		<i>For Baked Enamel Finish, Add</i>	182.58		
		<i>For 18 Gauge Frame, Deduct</i>	-48.86		
		<i>For 14 Gauge Frame, Add</i>	122.14		
		<i>For 12 Gauge Frame, Add</i>	185.66		
08 12 13 13-0059	EA	3'-6" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	740.04		125.74
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	73.29		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	58.63		
		<i>For Type 304 Stainless Steel Frame, Add</i>	892.00		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,038.57		
		<i>For Baked Enamel Finish, Add</i>	184.29		
		<i>For 18 Gauge Frame, Deduct</i>	-48.86		
		<i>For 14 Gauge Frame, Add</i>	122.14		
		<i>For 12 Gauge Frame, Add</i>	185.66		
08 12 13 13-0060	EA	4' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	768.93		131.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	75.90		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	60.72		
		<i>For Type 304 Stainless Steel Frame, Add</i>	923.98		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,075.79		
		<i>For Baked Enamel Finish, Add</i>	191.24		
		<i>For 18 Gauge Frame, Deduct</i>	-50.60		
		<i>For 14 Gauge Frame, Add</i>	126.51		
		<i>For 12 Gauge Frame, Add</i>	192.29		
08 12 13 13-0061	EA	5' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	797.81		137.16
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	78.52		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	62.82		
		<i>For Type 304 Stainless Steel Frame, Add</i>	955.96		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,113.00		
		<i>For Baked Enamel Finish, Add</i>	198.19		
		<i>For 18 Gauge Frame, Deduct</i>	-52.35		
		<i>For 14 Gauge Frame, Add</i>	130.87		
		<i>For 12 Gauge Frame, Add</i>	198.92		
08 12 13 13-0062	EA	5'-4" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	809.23		142.88
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	78.52		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	62.82		
		<i>For Type 304 Stainless Steel Frame, Add</i>	956.53		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,113.58		
		<i>For Baked Enamel Finish, Add</i>	199.91		
		<i>For 18 Gauge Frame, Deduct</i>	-52.35		
		<i>For 14 Gauge Frame, Add</i>	130.87		
		<i>For 12 Gauge Frame, Add</i>	198.92		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0063 EA 5'-8" x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	823.67	145.74
For Auxiliary Frame Reinforcement For Hinges, Add	79.83	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	63.86	
For Type 304 Stainless Steel Frame, Add	972.52	
For Type 316 Stainless Steel Frame, Add	1,132.17	
For Baked Enamel Finish, Add	203.38	
For 18 Gauge Frame, Deduct	-53.22	
For 14 Gauge Frame, Add	133.05	
For 12 Gauge Frame, Add	202.23	
08 12 13 13-0064 EA 6' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	838.12	148.60
For Auxiliary Frame Reinforcement For Hinges, Add	81.14	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	64.91	
For Type 304 Stainless Steel Frame, Add	988.52	
For Type 316 Stainless Steel Frame, Add	1,150.79	
For Baked Enamel Finish, Add	206.86	
For 18 Gauge Frame, Deduct	-54.09	
For 14 Gauge Frame, Add	135.23	
For 12 Gauge Frame, Add	205.55	
08 12 13 13-0065 EA 7' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	878.73	151.46
For Auxiliary Frame Reinforcement For Hinges, Add	86.37	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	69.10	
For Type 304 Stainless Steel Frame, Add	1,051.62	
For Type 316 Stainless Steel Frame, Add	1,224.37	
For Baked Enamel Finish, Add	218.18	
For 18 Gauge Frame, Deduct	-57.58	
For 14 Gauge Frame, Add	143.96	
For 12 Gauge Frame, Add	218.81	
08 12 13 13-0066 EA 8' x >7'-2" Through 9' High, 5-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	919.35	154.32
For Auxiliary Frame Reinforcement For Hinges, Add	91.61	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	73.29	
For Type 304 Stainless Steel Frame, Add	1,114.73	
For Type 316 Stainless Steel Frame, Add	1,297.94	
For Baked Enamel Finish, Add	229.51	
For 18 Gauge Frame, Deduct	-61.07	
For 14 Gauge Frame, Add	152.68	
For 12 Gauge Frame, Add	232.07	
 08 12 13 13-0067 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small>		
Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0068 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0067)</small>		
08 12 13 13-0069 EA 2' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	693.55	85.73
For Auxiliary Frame Reinforcement For Hinges, Add	78.31	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	62.65	
For Type 304 Stainless Steel Frame, Add	948.34	
For Type 316 Stainless Steel Frame, Add	1,104.96	
For Baked Enamel Finish, Add	182.35	
For 18 Gauge Frame, Deduct	-52.21	
For 14 Gauge Frame, Add	130.52	
For 12 Gauge Frame, Add	198.39	
08 12 13 13-0070 EA 2'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	810.14	94.30
For Auxiliary Frame Reinforcement For Hinges, Add	93.23	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	74.58	
For Type 304 Stainless Steel Frame, Add	1,128.18	
For Type 316 Stainless Steel Frame, Add	1,314.64	
For Baked Enamel Finish, Add	214.75	
For 18 Gauge Frame, Deduct	-62.15	
For 14 Gauge Frame, Add	155.38	
For 12 Gauge Frame, Add	236.18	
08 12 13 13-0071 EA 2'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	831.52	100.01
For Auxiliary Frame Reinforcement For Hinges, Add	94.72	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	75.78	
For Type 304 Stainless Steel Frame, Add	1,146.67	
For Type 316 Stainless Steel Frame, Add	1,336.11	
For Baked Enamel Finish, Add	219.45	
For 18 Gauge Frame, Deduct	-63.15	
For 14 Gauge Frame, Add	157.87	
For 12 Gauge Frame, Add	239.96	
08 12 13 13-0072 EA 2'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	848.66	108.59
For Auxiliary Frame Reinforcement For Hinges, Add	94.72	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	75.78	
For Type 304 Stainless Steel Frame, Add	1,147.52	
For Type 316 Stainless Steel Frame, Add	1,336.97	
For Baked Enamel Finish, Add	222.02	
For 18 Gauge Frame, Deduct	-63.15	
For 14 Gauge Frame, Add	157.87	
For 12 Gauge Frame, Add	239.96	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0073	EA	2'-10" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	864.32	111.45
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	96.21	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	76.97	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,165.70	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,358.13	
			<i>For Baked Enamel Finish, Add</i>	225.86	
			<i>For 18 Gauge Frame, Deduct</i>	-64.14	
			<i>For 14 Gauge Frame, Add</i>	160.36	
			<i>For 12 Gauge Frame, Add</i>	243.74	
08 12 13	13-0074	EA	3' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	879.98	114.31
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	97.71	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	78.16	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,183.90	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,379.31	
			<i>For Baked Enamel Finish, Add</i>	229.70	
			<i>For 18 Gauge Frame, Deduct</i>	-65.14	
			<i>For 14 Gauge Frame, Add</i>	162.84	
			<i>For 12 Gauge Frame, Add</i>	247.52	
08 12 13	13-0075	EA	3'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	936.16	120.02
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	104.42	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	83.53	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,265.02	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,473.85	
			<i>For Baked Enamel Finish, Add</i>	244.84	
			<i>For 18 Gauge Frame, Deduct</i>	-69.61	
			<i>For 14 Gauge Frame, Add</i>	174.03	
			<i>For 12 Gauge Frame, Add</i>	264.53	
08 12 13	13-0076	EA	3'-6" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	947.59	125.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	104.42	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	83.53	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,265.59	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,474.43	
			<i>For Baked Enamel Finish, Add</i>	246.56	
			<i>For 18 Gauge Frame, Deduct</i>	-69.61	
			<i>For 14 Gauge Frame, Add</i>	174.03	
			<i>For 12 Gauge Frame, Add</i>	264.53	
08 12 13	13-0077	EA	4' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	983.89	131.45
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	108.15	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	86.52	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,310.97	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,527.20	
			<i>For Baked Enamel Finish, Add</i>	255.73	
			<i>For 18 Gauge Frame, Deduct</i>	-72.10	
			<i>For 14 Gauge Frame, Add</i>	180.25	
			<i>For 12 Gauge Frame, Add</i>	273.97	
08 12 13	13-0078	EA	5' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,020.18	137.16
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	111.88	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	89.50	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,356.23	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,579.98	
			<i>For Baked Enamel Finish, Add</i>	264.90	
			<i>For 18 Gauge Frame, Deduct</i>	-74.58	
			<i>For 14 Gauge Frame, Add</i>	186.46	
			<i>For 12 Gauge Frame, Add</i>	283.42	
08 12 13	13-0079	EA	5'-4" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,031.60	142.88
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	111.88	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	89.50	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,356.80	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,580.55	
			<i>For Baked Enamel Finish, Add</i>	266.62	
			<i>For 18 Gauge Frame, Deduct</i>	-74.58	
			<i>For 14 Gauge Frame, Add</i>	186.46	
			<i>For 12 Gauge Frame, Add</i>	283.42	
08 12 13	13-0080	EA	5'-8" x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,049.75	145.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	113.74	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	90.99	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,379.46	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,606.94	
			<i>For Baked Enamel Finish, Add</i>	271.20	
			<i>For 18 Gauge Frame, Deduct</i>	-75.83	
			<i>For 14 Gauge Frame, Add</i>	189.57	
			<i>For 12 Gauge Frame, Add</i>	288.14	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 12 13	13-0081	EA	6' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	1,067.90 115.61 173.02 92.48 1,402.12 1,633.33 275.79 -77.07 192.68 292.87	148.60
	08 12 13	13-0082	EA	7' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	1,123.33 123.06 173.02 98.45 1,491.90 1,738.03 291.56 -82.04 205.11 311.76	151.46
	08 12 13	13-0083	EA	8' x 6'-8" Through 7'-2" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	1,178.78 130.52 173.02 104.42 1,581.70 1,842.75 307.34 -87.02 217.54 330.66	154.32
	08 12 13	13-0084		>7'-2" Through 9'-0" High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0087)</small>		
	08 12 13	13-0085	EA	2' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	751.56 87.02 173.02 69.61 1,052.75 1,226.78 199.75 -58.01 145.03 220.44	85.73
	08 12 13	13-0086	EA	2'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	879.20 103.59 173.02 82.87 1,252.49 1,459.67 235.47 -69.06 172.65 262.42	94.30
	08 12 13	13-0087	EA	2'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	901.68 105.25 173.02 84.20 1,272.95 1,483.45 240.50 -70.16 175.41 266.62	100.01
	08 12 13	13-0088	EA	2'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	918.82 105.25 173.02 84.20 1,273.81 1,484.30 243.07 -70.16 175.41 266.62	108.59
	08 12 13	13-0089	EA	2'-10" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	935.59 106.90 173.02 85.52 1,293.99 1,507.79 247.24 -71.27 178.17 270.82	111.45

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 12 13 13-0090	EA	3' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	952.35		114.31
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	108.56		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	86.85		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,314.16		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,531.28		
		<i>For Baked Enamel Finish, Add</i>	251.41		
		<i>For 18 Gauge Frame, Deduct</i>	-72.37		
		<i>For 14 Gauge Frame, Add</i>	180.94		
		<i>For 12 Gauge Frame, Add</i>	275.02		
08 12 13 13-0091	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,013.50		120.02
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	116.02		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	92.82		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,404.23		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,636.27		
		<i>For Baked Enamel Finish, Add</i>	268.04		
		<i>For 18 Gauge Frame, Deduct</i>	-77.35		
		<i>For 14 Gauge Frame, Add</i>	193.37		
		<i>For 12 Gauge Frame, Add</i>	293.91		
08 12 13 13-0092	EA	3'-6" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,024.93		125.74
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	116.02		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	92.82		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,404.80		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,636.84		
		<i>For Baked Enamel Finish, Add</i>	269.76		
		<i>For 18 Gauge Frame, Deduct</i>	-77.35		
		<i>For 14 Gauge Frame, Add</i>	193.37		
		<i>For 12 Gauge Frame, Add</i>	293.91		
08 12 13 13-0093	EA	4' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,064.00		131.45
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	120.16		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	96.13		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,455.11		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,695.43		
		<i>For Baked Enamel Finish, Add</i>	279.76		
		<i>For 18 Gauge Frame, Deduct</i>	-80.11		
		<i>For 14 Gauge Frame, Add</i>	200.27		
		<i>For 12 Gauge Frame, Add</i>	304.41		
08 12 13 13-0094	EA	5' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,103.05		137.16
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	124.31		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	99.45		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,505.40		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,754.01		
		<i>For Baked Enamel Finish, Add</i>	289.76		
		<i>For 18 Gauge Frame, Deduct</i>	-82.87		
		<i>For 14 Gauge Frame, Add</i>	207.18		
		<i>For 12 Gauge Frame, Add</i>	314.91		
08 12 13 13-0095	EA	5'-4" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,114.47		142.88
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	124.31		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	99.45		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,505.97		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,754.58		
		<i>For Baked Enamel Finish, Add</i>	291.48		
		<i>For 18 Gauge Frame, Deduct</i>	-82.87		
		<i>For 14 Gauge Frame, Add</i>	207.18		
		<i>For 12 Gauge Frame, Add</i>	314.91		
08 12 13 13-0096	EA	5'-8" x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,134.00		145.74
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	126.38		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	101.10		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,531.11		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,783.87		
		<i>For Baked Enamel Finish, Add</i>	296.48		
		<i>For 18 Gauge Frame, Deduct</i>	-84.25		
		<i>For 14 Gauge Frame, Add</i>	210.63		
		<i>For 12 Gauge Frame, Add</i>	320.16		
08 12 13 13-0097	EA	6' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,153.53		148.60
		<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	128.45		
		<i>For Welded Frames, Add</i>	173.02		
		<i>For Galvanized Frames, Add</i>	102.76		
		<i>For Type 304 Stainless Steel Frame, Add</i>	1,556.25		
		<i>For Type 316 Stainless Steel Frame, Add</i>	1,813.15		
		<i>For Baked Enamel Finish, Add</i>	301.48		
		<i>For 18 Gauge Frame, Deduct</i>	-85.63		
		<i>For 14 Gauge Frame, Add</i>	214.08		
		<i>For 12 Gauge Frame, Add</i>	325.41		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 12 13	13-0098	EA	7' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,214.48	151.46
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	136.74	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	109.39	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,655.97	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,929.44	
				<i>For Baked Enamel Finish, Add</i>	318.91	
				<i>For 18 Gauge Frame, Deduct</i>	-91.16	
				<i>For 14 Gauge Frame, Add</i>	227.89	
				<i>For 12 Gauge Frame, Add</i>	346.40	
	08 12 13	13-0099	EA	8' x >7'-2" Through 9' High, 6-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,275.46	154.32
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	145.02	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	116.02	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,755.73	
				<i>For Type 316 Stainless Steel Frame, Add</i>	2,045.77	
				<i>For Baked Enamel Finish, Add</i>	336.34	
				<i>For 18 Gauge Frame, Deduct</i>	-96.68	
				<i>For 14 Gauge Frame, Add</i>	241.71	
				<i>For 12 Gauge Frame, Add</i>	367.40	
	08 12 13	13-0100		6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door		
				Frames <small>(08 12 13 13)</small>		
				Note: For non-rated or fire rated frame assemblies		
	08 12 13	13-0101		6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock		
				Down Hollow Metal Door Frames <small>(08 12 13 13-0100)</small>		
	08 12 13	13-0102	EA	2' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	732.70	85.73
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	84.19	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	67.35	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,018.81	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,187.18	
				<i>For Baked Enamel Finish, Add</i>	194.09	
				<i>For 18 Gauge Frame, Deduct</i>	-56.12	
				<i>For 14 Gauge Frame, Add</i>	140.31	
				<i>For 12 Gauge Frame, Add</i>	213.27	
	08 12 13	13-0103	EA	2'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	856.76	94.30
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	100.22	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	80.18	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,212.10	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,412.55	
				<i>For Baked Enamel Finish, Add</i>	228.74	
				<i>For 18 Gauge Frame, Deduct</i>	-66.82	
				<i>For 14 Gauge Frame, Add</i>	167.04	
				<i>For 12 Gauge Frame, Add</i>	253.90	
	08 12 13	13-0104	EA	2'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	878.88	100.01
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	101.83	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	81.46	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,231.91	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,435.57	
				<i>For Baked Enamel Finish, Add</i>	233.66	
				<i>For 18 Gauge Frame, Deduct</i>	-67.88	
				<i>For 14 Gauge Frame, Add</i>	169.71	
				<i>For 12 Gauge Frame, Add</i>	257.96	
	08 12 13	13-0105	EA	2'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	896.02	108.59
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	101.83	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	81.46	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,232.77	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,436.42	
				<i>For Baked Enamel Finish, Add</i>	236.23	
				<i>For 18 Gauge Frame, Deduct</i>	-67.88	
				<i>For 14 Gauge Frame, Add</i>	169.71	
				<i>For 12 Gauge Frame, Add</i>	257.96	
	08 12 13	13-0106	EA	2'-10" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	912.43	111.45
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	103.43	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	82.74	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,252.30	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,459.16	
				<i>For Baked Enamel Finish, Add</i>	240.29	
				<i>For 18 Gauge Frame, Deduct</i>	-68.95	
				<i>For 14 Gauge Frame, Add</i>	172.38	
				<i>For 12 Gauge Frame, Add</i>	262.02	
	08 12 13	13-0107	EA	3' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	928.83	114.31
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	105.03	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	84.03	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,271.83	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,481.89	
				<i>For Baked Enamel Finish, Add</i>	244.36	
				<i>For 18 Gauge Frame, Deduct</i>	-70.02	
				<i>For 14 Gauge Frame, Add</i>	175.06	
				<i>For 12 Gauge Frame, Add</i>	266.08	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0108	EA	3'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	988.37	120.02
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	112.25	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	89.80	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,359.00	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,583.50	
			<i>For Baked Enamel Finish, Add</i>	260.51	
			<i>For 18 Gauge Frame, Deduct</i>	-74.83	
			<i>For 14 Gauge Frame, Add</i>	187.08	
			<i>For 12 Gauge Frame, Add</i>	284.37	
08 12 13	13-0109	EA	3'-6" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	999.80	125.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	112.25	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	89.80	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,359.57	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,584.07	
			<i>For Baked Enamel Finish, Add</i>	262.22	
			<i>For 18 Gauge Frame, Deduct</i>	-74.83	
			<i>For 14 Gauge Frame, Add</i>	187.08	
			<i>For 12 Gauge Frame, Add</i>	284.37	
08 12 13	13-0110	EA	4' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,037.96	131.45
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	116.26	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	93.01	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,408.24	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,640.75	
			<i>For Baked Enamel Finish, Add</i>	271.95	
			<i>For 18 Gauge Frame, Deduct</i>	-77.51	
			<i>For 14 Gauge Frame, Add</i>	193.76	
			<i>For 12 Gauge Frame, Add</i>	294.52	
08 12 13	13-0111	EA	5' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,076.12	137.16
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	120.27	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	96.21	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,456.92	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,697.46	
			<i>For Baked Enamel Finish, Add</i>	281.69	
			<i>For 18 Gauge Frame, Deduct</i>	-80.18	
			<i>For 14 Gauge Frame, Add</i>	200.45	
			<i>For 12 Gauge Frame, Add</i>	304.68	
08 12 13	13-0112	EA	5'-4" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,087.54	142.88
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	120.27	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	96.21	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,457.49	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,698.03	
			<i>For Baked Enamel Finish, Add</i>	283.40	
			<i>For 18 Gauge Frame, Deduct</i>	-80.18	
			<i>For 14 Gauge Frame, Add</i>	200.45	
			<i>For 12 Gauge Frame, Add</i>	304.68	
08 12 13	13-0113	EA	5'-8" x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,106.62	145.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	122.27	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	97.82	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,481.83	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,726.37	
			<i>For Baked Enamel Finish, Add</i>	288.26	
			<i>For 18 Gauge Frame, Deduct</i>	-81.51	
			<i>For 14 Gauge Frame, Add</i>	203.79	
			<i>For 12 Gauge Frame, Add</i>	309.75	
08 12 13	13-0114	EA	6' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,125.70	148.60
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	124.28	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	99.42	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,506.16	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,754.71	
			<i>For Baked Enamel Finish, Add</i>	293.13	
			<i>For 18 Gauge Frame, Deduct</i>	-82.85	
			<i>For 14 Gauge Frame, Add</i>	207.13	
			<i>For 12 Gauge Frame, Add</i>	314.83	
08 12 13	13-0115	EA	7' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,184.86	151.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	132.29	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	105.83	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,602.66	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,867.24	
			<i>For Baked Enamel Finish, Add</i>	310.02	
			<i>For 18 Gauge Frame, Deduct</i>	-88.20	
			<i>For 14 Gauge Frame, Add</i>	220.49	
			<i>For 12 Gauge Frame, Add</i>	335.14	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 12 13	13-0116	EA	8' x 6'-8" Through 7'-2" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	1,244.04 140.31 173.02 112.25 1,699.17 1,979.79 326.92 -93.54 233.85 355.46	154.32
	08 12 13	13-0117		>7'-2" Through 9'-0" High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0100)</small>		
	08 12 13	13-0118	EA	2' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	795.06 93.54 173.02 74.83 1,131.05 1,318.13 212.80 -62.36 155.90 236.97	85.73
	08 12 13	13-0119	EA	2'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	931.00 111.36 173.02 89.09 1,345.73 1,568.45 251.01 -74.24 185.60 282.11	94.30
	08 12 13	13-0120	EA	2'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	954.30 113.14 173.02 90.51 1,367.67 1,593.95 256.28 -75.43 188.57 286.62	100.01
	08 12 13	13-0121	EA	2'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	971.44 113.14 173.02 90.51 1,368.53 1,594.81 258.86 -75.43 188.57 286.62	108.59
	08 12 13	13-0122	EA	2'-10" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	989.04 114.92 173.02 91.94 1,390.20 1,620.04 263.28 -76.61 191.54 291.13	111.45
	08 12 13	13-0123	EA	3' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame..... <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	1,006.63 116.70 173.02 93.36 1,411.87 1,645.27 267.70 -77.80 194.51 295.65	114.31
	08 12 13	13-0124	EA	3'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame <i>For Auxiliary Frame Reinforcement For Hinges, Add</i> <i>For Welded Frames, Add</i> <i>For Galvanized Frames, Add</i> <i>For Type 304 Stainless Steel Frame, Add</i> <i>For Type 316 Stainless Steel Frame, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 18 Gauge Frame, Deduct</i> <i>For 14 Gauge Frame, Add</i> <i>For 12 Gauge Frame, Add</i>	1,071.51 124.72 173.02 99.78 1,508.65 1,758.09 285.45 -83.15 207.87 315.96	120.02

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0125	EA	3'-6" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,082.94	125.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	124.72	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	99.78	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,509.22	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,758.66	
			<i>For Baked Enamel Finish, Add</i>	287.16	
			<i>For 18 Gauge Frame, Deduct</i>	-83.15	
			<i>For 14 Gauge Frame, Add</i>	207.87	
			<i>For 12 Gauge Frame, Add</i>	315.96	
08 12 13	13-0126	EA	4' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,124.08	131.45
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	129.18	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	103.34	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,563.25	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,821.60	
			<i>For Baked Enamel Finish, Add</i>	297.79	
			<i>For 18 Gauge Frame, Deduct</i>	-86.12	
			<i>For 14 Gauge Frame, Add</i>	215.29	
			<i>For 12 Gauge Frame, Add</i>	327.24	
08 12 13	13-0127	EA	5' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,165.20	137.16
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	133.63	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	106.90	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,617.27	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,884.52	
			<i>For Baked Enamel Finish, Add</i>	308.41	
			<i>For 18 Gauge Frame, Deduct</i>	-89.09	
			<i>For 14 Gauge Frame, Add</i>	222.72	
			<i>For 12 Gauge Frame, Add</i>	338.53	
08 12 13	13-0128	EA	5'-4" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,176.62	142.88
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	133.63	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	106.90	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,617.84	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,885.09	
			<i>For Baked Enamel Finish, Add</i>	310.12	
			<i>For 18 Gauge Frame, Deduct</i>	-89.09	
			<i>For 14 Gauge Frame, Add</i>	222.72	
			<i>For 12 Gauge Frame, Add</i>	338.53	
08 12 13	13-0129	EA	5'-8" x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,197.19	145.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	135.86	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	108.69	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,644.85	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,916.57	
			<i>For Baked Enamel Finish, Add</i>	315.44	
			<i>For 18 Gauge Frame, Deduct</i>	-90.57	
			<i>For 14 Gauge Frame, Add</i>	226.43	
			<i>For 12 Gauge Frame, Add</i>	344.17	
08 12 13	13-0130	EA	6' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,217.76	148.60
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	138.08	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	110.47	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,671.87	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,948.04	
			<i>For Baked Enamel Finish, Add</i>	320.75	
			<i>For 18 Gauge Frame, Deduct</i>	-92.06	
			<i>For 14 Gauge Frame, Add</i>	230.14	
			<i>For 12 Gauge Frame, Add</i>	349.81	
08 12 13	13-0131	EA	7' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,282.85	151.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	146.99	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	117.59	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,779.04	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,073.02	
			<i>For Baked Enamel Finish, Add</i>	339.42	
			<i>For 18 Gauge Frame, Deduct</i>	-97.99	
			<i>For 14 Gauge Frame, Add</i>	244.99	
			<i>For 12 Gauge Frame, Add</i>	372.38	
08 12 13	13-0132	EA	8' x >7'-2" Through 9' High, 6-7/8" Through 8-3/4" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,347.97	154.32
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	155.90	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	124.72	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,886.24	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,198.05	
			<i>For Baked Enamel Finish, Add</i>	358.10	
			<i>For 18 Gauge Frame, Deduct</i>	-103.93	
			<i>For 14 Gauge Frame, Add</i>	259.84	
			<i>For 12 Gauge Frame, Add</i>	394.95	
08 12 13	13-0133		8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13	13-0134		6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames <small>(08 12 13 13-0133)</small>		

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 12 13 13-0135 EA 2' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	758.81	85.73
For Auxiliary Frame Reinforcement For Hinges, Add	88.10	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	70.48	
For Type 304 Stainless Steel Frame, Add	1,065.80	
For Type 316 Stainless Steel Frame, Add	1,242.01	
For Baked Enamel Finish, Add	201.92	
For 18 Gauge Frame, Deduct	-58.74	
For 14 Gauge Frame, Add	146.84	
For 12 Gauge Frame, Add	223.19	
08 12 13 13-0136 EA 2'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	887.83	94.30
For Auxiliary Frame Reinforcement For Hinges, Add	104.88	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	83.91	
For Type 304 Stainless Steel Frame, Add	1,268.03	
For Type 316 Stainless Steel Frame, Add	1,477.79	
For Baked Enamel Finish, Add	238.06	
For 18 Gauge Frame, Deduct	-69.92	
For 14 Gauge Frame, Add	174.81	
For 12 Gauge Frame, Add	265.70	
08 12 13 13-0137 EA 2'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	910.45	100.01
For Auxiliary Frame Reinforcement For Hinges, Add	106.56	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	85.25	
For Type 304 Stainless Steel Frame, Add	1,288.74	
For Type 316 Stainless Steel Frame, Add	1,501.86	
For Baked Enamel Finish, Add	243.13	
For 18 Gauge Frame, Deduct	-71.04	
For 14 Gauge Frame, Add	177.60	
For 12 Gauge Frame, Add	269.96	
08 12 13 13-0138 EA 2'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	927.59	108.59
For Auxiliary Frame Reinforcement For Hinges, Add	106.56	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	85.25	
For Type 304 Stainless Steel Frame, Add	1,289.60	
For Type 316 Stainless Steel Frame, Add	1,502.72	
For Baked Enamel Finish, Add	245.70	
For 18 Gauge Frame, Deduct	-71.04	
For 14 Gauge Frame, Add	177.60	
For 12 Gauge Frame, Add	269.96	
08 12 13 13-0139 EA 2'-10" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	944.50	111.45
For Auxiliary Frame Reinforcement For Hinges, Add	108.24	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	86.59	
For Type 304 Stainless Steel Frame, Add	1,310.03	
For Type 316 Stainless Steel Frame, Add	1,526.51	
For Baked Enamel Finish, Add	249.92	
For 18 Gauge Frame, Deduct	-72.16	
For 14 Gauge Frame, Add	180.40	
For 12 Gauge Frame, Add	274.21	
08 12 13 13-0140 EA 3' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	961.40	114.31
For Auxiliary Frame Reinforcement For Hinges, Add	109.92	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	87.93	
For Type 304 Stainless Steel Frame, Add	1,330.45	
For Type 316 Stainless Steel Frame, Add	1,550.29	
For Baked Enamel Finish, Add	254.13	
For 18 Gauge Frame, Deduct	-73.28	
For 14 Gauge Frame, Add	183.20	
For 12 Gauge Frame, Add	278.46	
08 12 13 13-0141 EA 3'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,023.17	120.02
For Auxiliary Frame Reinforcement For Hinges, Add	117.47	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	93.98	
For Type 304 Stainless Steel Frame, Add	1,421.64	
For Type 316 Stainless Steel Frame, Add	1,656.58	
For Baked Enamel Finish, Add	270.95	
For 18 Gauge Frame, Deduct	-78.31	
For 14 Gauge Frame, Add	195.78	
For 12 Gauge Frame, Add	297.59	
08 12 13 13-0142 EA 3'-6" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,034.60	125.74
For Auxiliary Frame Reinforcement For Hinges, Add	117.47	
For Welded Frames, Add	173.02	
For Galvanized Frames, Add	93.98	
For Type 304 Stainless Steel Frame, Add	1,422.21	
For Type 316 Stainless Steel Frame, Add	1,657.15	
For Baked Enamel Finish, Add	272.66	
For 18 Gauge Frame, Deduct	-78.31	
For 14 Gauge Frame, Add	195.78	
For 12 Gauge Frame, Add	297.59	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0143	EA		4' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,074.01	131.45
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	121.67	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	97.33	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,473.13	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,716.46	
			<i>For Baked Enamel Finish, Add</i>	282.77	
			<i>For 18 Gauge Frame, Deduct</i>	-81.11	
			<i>For 14 Gauge Frame, Add</i>	202.78	
			<i>For 12 Gauge Frame, Add</i>	308.22	
08 12 13 13-0144	EA		5' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,113.41	137.16
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	125.86	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	100.69	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,524.04	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,775.76	
			<i>For Baked Enamel Finish, Add</i>	292.87	
			<i>For 18 Gauge Frame, Deduct</i>	-83.91	
			<i>For 14 Gauge Frame, Add</i>	209.77	
			<i>For 12 Gauge Frame, Add</i>	318.85	
08 12 13 13-0145	EA		5'-4" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,124.83	142.88
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	125.86	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	100.69	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,524.61	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,776.34	
			<i>For Baked Enamel Finish, Add</i>	294.59	
			<i>For 18 Gauge Frame, Deduct</i>	-83.91	
			<i>For 14 Gauge Frame, Add</i>	209.77	
			<i>For 12 Gauge Frame, Add</i>	318.85	
08 12 13 13-0146	EA		5'-8" x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,144.53	145.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	127.96	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	102.37	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,550.06	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,805.98	
			<i>For Baked Enamel Finish, Add</i>	299.64	
			<i>For 18 Gauge Frame, Deduct</i>	-85.31	
			<i>For 14 Gauge Frame, Add</i>	213.26	
			<i>For 12 Gauge Frame, Add</i>	324.16	
08 12 13 13-0147	EA		6' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,164.24	148.60
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	130.06	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	104.04	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,575.53	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,835.64	
			<i>For Baked Enamel Finish, Add</i>	304.69	
			<i>For 18 Gauge Frame, Deduct</i>	-86.70	
			<i>For 14 Gauge Frame, Add</i>	216.76	
			<i>For 12 Gauge Frame, Add</i>	329.48	
08 12 13 13-0148	EA		7' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,225.88	151.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	138.45	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	110.76	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,676.49	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,953.38	
			<i>For Baked Enamel Finish, Add</i>	322.33	
			<i>For 18 Gauge Frame, Deduct</i>	-92.30	
			<i>For 14 Gauge Frame, Add</i>	230.74	
			<i>For 12 Gauge Frame, Add</i>	350.73	
08 12 13 13-0149	EA		8' x 6'-8" Through 7'-2" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,287.55	154.32
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	146.84	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	117.47	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,777.49	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,071.16	
			<i>For Baked Enamel Finish, Add</i>	339.97	
			<i>For 18 Gauge Frame, Deduct</i>	-97.89	
			<i>For 14 Gauge Frame, Add</i>	244.73	
			<i>For 12 Gauge Frame, Add</i>	371.99	
08 12 13 13-0150			>7'-2" Through 9'-0" High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frames (08 12 13 13-0133)		
08 12 13 13-0151	EA		2' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	824.07	85.73
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	97.89	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	78.31	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,183.27	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,379.05	
			<i>For Baked Enamel Finish, Add</i>	221.50	
			<i>For 18 Gauge Frame, Deduct</i>	-65.26	
			<i>For 14 Gauge Frame, Add</i>	163.15	
			<i>For 12 Gauge Frame, Add</i>	247.99	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0152	EA			2'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	965.53	94.30
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	116.54	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	93.23	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,407.89	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,640.96	
				<i>For Baked Enamel Finish, Add</i>	261.37	
				<i>For 18 Gauge Frame, Deduct</i>	-77.69	
				<i>For 14 Gauge Frame, Add</i>	194.23	
				<i>For 12 Gauge Frame, Add</i>	295.23	
08 12 13 13-0153	EA			2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	989.39	100.01
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	118.40	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	94.72	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,430.83	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,667.64	
				<i>For Baked Enamel Finish, Add</i>	266.81	
				<i>For 18 Gauge Frame, Deduct</i>	-78.94	
				<i>For 14 Gauge Frame, Add</i>	197.34	
				<i>For 12 Gauge Frame, Add</i>	299.95	
08 12 13 13-0154	EA			2'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,006.53	108.59
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	118.40	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	94.72	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,431.69	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,668.49	
				<i>For Baked Enamel Finish, Add</i>	269.38	
				<i>For 18 Gauge Frame, Deduct</i>	-78.94	
				<i>For 14 Gauge Frame, Add</i>	197.34	
				<i>For 12 Gauge Frame, Add</i>	299.95	
08 12 13 13-0155	EA			2'-10" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,024.68	111.45
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	120.27	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	96.21	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,454.35	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,694.88	
				<i>For Baked Enamel Finish, Add</i>	273.97	
				<i>For 18 Gauge Frame, Deduct</i>	-80.18	
				<i>For 14 Gauge Frame, Add</i>	200.45	
				<i>For 12 Gauge Frame, Add</i>	304.68	
08 12 13 13-0156	EA			3' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,042.82	114.31
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	122.13	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	97.71	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,477.01	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,721.27	
				<i>For Baked Enamel Finish, Add</i>	278.55	
				<i>For 18 Gauge Frame, Deduct</i>	-81.42	
				<i>For 14 Gauge Frame, Add</i>	203.55	
				<i>For 12 Gauge Frame, Add</i>	309.40	
08 12 13 13-0157	EA			3'-4" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,110.19	120.02
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	130.52	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	104.42	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,578.27	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,839.32	
				<i>For Baked Enamel Finish, Add</i>	297.05	
				<i>For 18 Gauge Frame, Deduct</i>	-87.02	
				<i>For 14 Gauge Frame, Add</i>	217.54	
				<i>For 12 Gauge Frame, Add</i>	330.66	
08 12 13 13-0158	EA			3'-6" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,121.62	125.74
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	130.52	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	104.42	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,578.84	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,839.89	
				<i>For Baked Enamel Finish, Add</i>	298.77	
				<i>For 18 Gauge Frame, Deduct</i>	-87.02	
				<i>For 14 Gauge Frame, Add</i>	217.54	
				<i>For 12 Gauge Frame, Add</i>	330.66	
08 12 13 13-0159	EA			4' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,164.13	131.45
				<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	135.18	
				<i>For Welded Frames, Add</i>	173.02	
				<i>For Galvanized Frames, Add</i>	108.15	
				<i>For Type 304 Stainless Steel Frame, Add</i>	1,635.34	
				<i>For Type 316 Stainless Steel Frame, Add</i>	1,905.71	
				<i>For Baked Enamel Finish, Add</i>	309.80	
				<i>For 18 Gauge Frame, Deduct</i>	-90.12	
				<i>For 14 Gauge Frame, Add</i>	225.31	
				<i>For 12 Gauge Frame, Add</i>	342.46	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0160	EA	5' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,206.64	137.16
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	139.85	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	111.88	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,691.86	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,971.55	
			<i>For Baked Enamel Finish, Add</i>	320.84	
			<i>For 18 Gauge Frame, Deduct</i>	-93.23	
			<i>For 14 Gauge Frame, Add</i>	233.08	
			<i>For 12 Gauge Frame, Add</i>	354.27	
08 12 13	13-0161	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,218.06	142.88
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	139.85	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	111.88	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,692.43	
			<i>For Type 316 Stainless Steel Frame, Add</i>	1,972.12	
			<i>For Baked Enamel Finish, Add</i>	322.55	
			<i>For 18 Gauge Frame, Deduct</i>	-93.23	
			<i>For 14 Gauge Frame, Add</i>	233.08	
			<i>For 12 Gauge Frame, Add</i>	354.27	
08 12 13	13-0162	EA	5'-8" x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame.....	1,239.32	145.74
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	142.18	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	113.74	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,720.69	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,005.04	
			<i>For Baked Enamel Finish, Add</i>	328.07	
			<i>For 18 Gauge Frame, Deduct</i>	-94.78	
			<i>For 14 Gauge Frame, Add</i>	236.96	
			<i>For 12 Gauge Frame, Add</i>	360.18	
08 12 13	13-0163	EA	6' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,260.58	148.60
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	144.51	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	115.61	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,748.94	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,037.96	
			<i>For Baked Enamel Finish, Add</i>	333.59	
			<i>For 18 Gauge Frame, Deduct</i>	-96.34	
			<i>For 14 Gauge Frame, Add</i>	240.85	
			<i>For 12 Gauge Frame, Add</i>	366.08	
08 12 13	13-0164	EA	7' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,328.43	151.46
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	153.83	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	123.06	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,861.08	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,168.74	
			<i>For Baked Enamel Finish, Add</i>	353.09	
			<i>For 18 Gauge Frame, Deduct</i>	-102.55	
			<i>For 14 Gauge Frame, Add</i>	256.38	
			<i>For 12 Gauge Frame, Add</i>	389.70	
08 12 13	13-0165	EA	8' x >7'-2" Through 9' High, 8-7/8" Through 13" Deep, 16 Gauge, Knock Down Hollow Metal Door Frame	1,396.31	154.32
			<i>For Auxiliary Frame Reinforcement For Hinges, Add</i>	163.15	
			<i>For Welded Frames, Add</i>	173.02	
			<i>For Galvanized Frames, Add</i>	130.52	
			<i>For Type 304 Stainless Steel Frame, Add</i>	1,973.26	
			<i>For Type 316 Stainless Steel Frame, Add</i>	2,299.56	
			<i>For Baked Enamel Finish, Add</i>	372.60	
			<i>For 18 Gauge Frame, Deduct</i>	-108.77	
			<i>For 14 Gauge Frame, Add</i>	271.92	
			<i>For 12 Gauge Frame, Add</i>	413.32	
08 12 13	13-0166		Sidelights And Transoms <small>(08 12 13 13)</small>		
			Note: For non-rated or fire rated frame assemblies		
08 12 13	13-0167		Fixed Steel Transoms <small>(08 12 13 13-0166)</small>		
			Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13	13-0168	SF	4-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	84.83	16.01
			<i>For Movable Frame, Add</i>	16.97	
			<i>For 18 Gauge Frame, Deduct</i>	-5.28	
			<i>For 14 Gauge Frame, Add</i>	13.21	
			<i>For 12 Gauge Frame, Add</i>	20.07	
08 12 13	13-0169	SF	5-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	88.57	16.57
			<i>For Movable Frame, Add</i>	17.71	
			<i>For 18 Gauge Frame, Deduct</i>	-5.54	
			<i>For 14 Gauge Frame, Add</i>	13.86	
			<i>For 12 Gauge Frame, Add</i>	21.06	
08 12 13	13-0170	SF	6-3/4" Deep, 16 Gauge Frame, Fixed Steel Transom.....	92.50	17.15
			<i>For Movable Frame, Add</i>	18.50	
			<i>For 18 Gauge Frame, Deduct</i>	-5.82	
			<i>For 14 Gauge Frame, Add</i>	14.55	
			<i>For 12 Gauge Frame, Add</i>	22.12	
08 12 13	13-0171		Operable Steel Transom Sash <small>(08 12 13 13-0166)</small>		
			Note: Includes hardware.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13 13-0172 SF 4-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	120.51	16.01
<i>For 18 Gauge Frame, Deduct</i>	-8.85	
<i>For 14 Gauge Frame, Add</i>	22.13	
<i>For 12 Gauge Frame, Add</i>	33.63	
08 12 13 13-0173 SF 5-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	126.09	16.57
<i>For 18 Gauge Frame, Deduct</i>	-9.29	
<i>For 14 Gauge Frame, Add</i>	23.24	
<i>For 12 Gauge Frame, Add</i>	35.32	
08 12 13 13-0174 SF 6-3/4" Deep, 16 Gauge Frame, Operable Steel Transom Sash.....	131.86	17.15
<i>For 18 Gauge Frame, Deduct</i>	-9.76	
<i>For 14 Gauge Frame, Add</i>	24.39	
<i>For 12 Gauge Frame, Add</i>	37.08	
08 12 13 13-0175 Sidelights, Steel Frame <small>(08 12 13 13-0166)</small>		
Note: Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.		
08 12 13 13-0176 SF 4-3/4" Deep Sidelights, 16 Gauge Frame	88.77	16.01
<i>For 18 Gauge Frame, Deduct</i>	-5.68	
<i>For 14 Gauge Frame, Add</i>	14.19	
<i>For 12 Gauge Frame, Add</i>	21.57	
08 12 13 13-0177 SF 5-3/4" Deep Sidelights, 16 Gauge Frame	92.76	16.57
<i>For 18 Gauge Frame, Deduct</i>	-5.96	
<i>For 14 Gauge Frame, Add</i>	14.90	
<i>For 12 Gauge Frame, Add</i>	22.65	
08 12 13 13-0178 SF 6-3/4" Deep Sidelights, 16 Gauge Frame	96.86	17.15
<i>For 18 Gauge Frame, Deduct</i>	-6.26	
<i>For 14 Gauge Frame, Add</i>	15.64	
<i>For 12 Gauge Frame, Add</i>	23.78	
08 12 13 13-0179 Sundry Hollow Metal Frame Sections <small>(08 12 13 13)</small>		
Note: For non-rated or fire rated frame assemblies		
08 12 13 13-0180 16 Gauge, Hollow Metal Frame Vertical Mullions <small>(08 12 13 13-0179)</small>		
08 12 13 13-0181 LF 4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	41.46	6.40
<i>For 18 Gauge Frame, Deduct</i>	-2.54	
<i>For 14 Gauge Frame, Add</i>	6.34	
<i>For 12 Gauge Frame, Add</i>	9.64	
<i>For 3 Hour Frame, Add</i>	8.00	
<i>For 1-1/2 Hour Frame, Add</i>	5.00	
<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0182 LF 4-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	42.49	6.40
<i>For 18 Gauge Frame, Deduct</i>	-2.64	
<i>For 14 Gauge Frame, Add</i>	6.60	
<i>For 12 Gauge Frame, Add</i>	10.03	
<i>For 3 Hour Frame, Add</i>	8.00	
<i>For 1-1/2 Hour Frame, Add</i>	5.00	
<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0183 LF 5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	41.92	6.63
<i>For 18 Gauge Frame, Deduct</i>	-2.54	
<i>For 14 Gauge Frame, Add</i>	6.34	
<i>For 12 Gauge Frame, Add</i>	9.64	
<i>For 3 Hour Frame, Add</i>	8.00	
<i>For 1-1/2 Hour Frame, Add</i>	5.00	
<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0184 LF 5-1/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	43.51	6.63
<i>For 18 Gauge Frame, Deduct</i>	-2.70	
<i>For 14 Gauge Frame, Add</i>	6.74	
<i>For 12 Gauge Frame, Add</i>	10.24	
<i>For 3 Hour Frame, Add</i>	8.00	
<i>For 1-1/2 Hour Frame, Add</i>	5.00	
<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0185 LF 6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Vertical Mullion	43.56	6.75
<i>For 18 Gauge Frame, Deduct</i>	-2.66	
<i>For 14 Gauge Frame, Add</i>	6.66	
<i>For 12 Gauge Frame, Add</i>	10.12	
<i>For 3 Hour Frame, Add</i>	8.00	
<i>For 1-1/2 Hour Frame, Add</i>	5.00	
<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0186 LF 6-3/4" x 2", 16 Gauge, Hollow Metal Frame Vertical Mullion.....	44.16	6.75
<i>For 18 Gauge Frame, Deduct</i>	-2.72	
<i>For 14 Gauge Frame, Add</i>	6.81	
<i>For 12 Gauge Frame, Add</i>	10.35	
<i>For 3 Hour Frame, Add</i>	8.00	
<i>For 1-1/2 Hour Frame, Add</i>	5.00	
<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13 13-0187 16 Gauge, Hollow Metal Frame Horizontal Rails <small>(08 12 13 13-0179)</small>		
08 12 13 13-0188 LF 4-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	28.78	6.40
<i>For 18 Gauge Frame, Deduct</i>	-1.27	
<i>For 14 Gauge Frame, Add</i>	3.17	
<i>For 12 Gauge Frame, Add</i>	4.82	
<i>For 3 Hour Frame, Add</i>	8.00	
<i>For 1-1/2 Hour Frame, Add</i>	5.00	
<i>For 3/4 Hour Frame, Add</i>	4.00	

08 Openings**08 10 Doors and Frames****08 12 Metal Frames**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 12 13	13-0189	LF	4-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	30.08	6.40
			<i>For 18 Gauge Frame, Deduct</i>	-1.40	
			<i>For 14 Gauge Frame, Add</i>	3.50	
			<i>For 12 Gauge Frame, Add</i>	5.31	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0190	LF	5-1/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	29.24	6.63
			<i>For 18 Gauge Frame, Deduct</i>	-1.27	
			<i>For 14 Gauge Frame, Add</i>	3.17	
			<i>For 12 Gauge Frame, Add</i>	4.82	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0191	LF	5-1/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	30.54	6.63
			<i>For 18 Gauge Frame, Deduct</i>	-1.40	
			<i>For 14 Gauge Frame, Add</i>	3.50	
			<i>For 12 Gauge Frame, Add</i>	5.31	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0192	LF	6-3/4" x 1-3/4", 16 Gauge, Hollow Metal Frame Horizontal Rail	30.25	6.75
			<i>For 18 Gauge Frame, Deduct</i>	-1.33	
			<i>For 14 Gauge Frame, Add</i>	3.33	
			<i>For 12 Gauge Frame, Add</i>	5.06	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0193	LF	6-3/4" x 2", 16 Gauge, Hollow Metal Frame Horizontal Rail.....	31.37	6.75
			<i>For 18 Gauge Frame, Deduct</i>	-1.44	
			<i>For 14 Gauge Frame, Add</i>	3.61	
			<i>For 12 Gauge Frame, Add</i>	5.49	
			<i>For 3 Hour Frame, Add</i>	8.00	
			<i>For 1-1/2 Hour Frame, Add</i>	5.00	
			<i>For 3/4 Hour Frame, Add</i>	4.00	
08 12 13	13-0194		16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullions <small>(08 12 13 13-0179)</small>		
08 12 13	13-0195	EA	4-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,118.45	44.81
			<i>For 18 Gauge Frame, Deduct</i>	-100.64	
			<i>For 14 Gauge Frame, Add</i>	251.61	
			<i>For 12 Gauge Frame, Add</i>	382.44	
08 12 13	13-0196	EA	4-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	1,158.60	44.81
			<i>For 18 Gauge Frame, Deduct</i>	-104.66	
			<i>For 14 Gauge Frame, Add</i>	261.65	
			<i>For 12 Gauge Frame, Add</i>	397.70	
08 12 13	13-0197	EA	5-1/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,283.89	46.87
			<i>For 18 Gauge Frame, Deduct</i>	-116.84	
			<i>For 14 Gauge Frame, Add</i>	292.11	
			<i>For 12 Gauge Frame, Add</i>	444.01	
			<i>For 3 Hour Frame, Add</i>	56.00	
			<i>For 1-1/2 Hour Frame, Add</i>	36.00	
			<i>For 3/4 Hour Frame, Add</i>	28.00	
08 12 13	13-0198	EA	5-1/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	1,319.73	46.87
			<i>For 18 Gauge Frame, Deduct</i>	-120.43	
			<i>For 14 Gauge Frame, Add</i>	301.07	
			<i>For 12 Gauge Frame, Add</i>	457.63	
			<i>For 3 Hour Frame, Add</i>	56.00	
			<i>For 1-1/2 Hour Frame, Add</i>	36.00	
			<i>For 3/4 Hour Frame, Add</i>	28.00	
08 12 13	13-0199	EA	6-3/4" x 1-3/4" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion	1,493.47	48.01
			<i>For 18 Gauge Frame, Deduct</i>	-137.35	
			<i>For 14 Gauge Frame, Add</i>	343.36	
			<i>For 12 Gauge Frame, Add</i>	521.91	
			<i>For 3 Hour Frame, Add</i>	56.00	
			<i>For 1-1/2 Hour Frame, Add</i>	36.00	
			<i>For 3/4 Hour Frame, Add</i>	28.00	
08 12 13	13-0200	EA	6-3/4" x 2" x 7'-6", 16 Gauge, Hollow Metal Frame Keyed Removable Vertical Mullion.....	1,517.84	48.01
			<i>For 18 Gauge Frame, Deduct</i>	-139.78	
			<i>For 14 Gauge Frame, Add</i>	349.46	
			<i>For 12 Gauge Frame, Add</i>	531.17	
			<i>For 3 Hour Frame, Add</i>	56.00	
			<i>For 1-1/2 Hour Frame, Add</i>	36.00	
			<i>For 3/4 Hour Frame, Add</i>	28.00	
08 12 13	13-0201		Metal Frames Accessories <small>(08 12 13 13)</small>		
08 12 13	13-0202	EA	For 1' Extension Of New Door Frame	45.52	
08 12 16	Aluminum Frames <small>(08 12)</small>				
08 12 16	00-0001		Two Piece Aluminum Door Frames <small>(08 12 16)</small>		
08 12 16	00-0002		4-1/8" x 3/8" Two Piece Aluminum Door Frames <small>(08 12 16 00-0001)</small>		
08 12 16	00-0003	EA	Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	2,885.47	62.87
08 12 16	00-0004	EA	Two Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-1/8" x 3/8" x 1/8" With Semicircular Head.....	2,885.47	62.87

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 12 16 00-0005				4-3/4" x 1-3/8" Two Piece Aluminum Door Frames <small>(08 12 16 00-0001)</small>		
08 12 16 00-0006	EA			Two Piece Aluminum Door Frame, 2'-2" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head.....	2,885.47	62.87
08 12 16 00-0007	EA			Two Piece Aluminum Door Frame Piece Aluminum Door Frame, 2'-6" x 6'-9" Opening 4-3/4" x 1-3/8" x 1/8" With Semicircular Head	2,885.47	62.87

08 13 Metal Doors (08 10)

Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.

08 13 13 Hollow Metal Doors (08 13)

08 13 13 13 Standard Hollow Metal Doors (08 13 13)

Note: Hollow Metal Doors are full flush, fabricated from cold rolled steel conforming to ASTM A1008, honeycomb core, interlocking mechanical vertical edge seam, with epoxy baked-on primer. Galvanized steel doors are fabricated from a carbon steel sheet that has been coated with zinc on two sides by the continuous hot-dip process. Hollow Metal Doors are organized by the following levels: 20 Gauge, Level 1 Standard Duty; 18 Gauge, Level 2 Heavy Duty; 16 Gauge, Level 3 Extra Heavy Duty; 14 Gauge, Level 4 Maximum Duty.

08 13 13 13-0001				20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13)</small>		
08 13 13 13-0002				6'-8" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0001)</small>		
08 13 13 13-0003	EA			2' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	710.40	62.87
				<i>For Galvanized Steel Door, Add</i>	116.93	
				<i>For Type 304 Stainless Steel Door, Add</i>	467.73	
				<i>For Type 316 Stainless Steel Door, Add</i>	760.06	
				<i>For Embossed Panel Door, Add</i>	140.32	
				<i>For Baked Enamel Finish, Add</i>	194.26	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-38.66	
				<i>For >100, Deduct</i>	-56.42	
				<i>For Polystyrene Core, Add</i>	58.47	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	146.17	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	73.08	
08 13 13 13-0004	EA			2'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	710.40	62.87
				<i>For Galvanized Steel Door, Add</i>	116.93	
				<i>For Type 304 Stainless Steel Door, Add</i>	467.73	
				<i>For Type 316 Stainless Steel Door, Add</i>	760.06	
				<i>For Embossed Panel Door, Add</i>	140.32	
				<i>For Baked Enamel Finish, Add</i>	194.26	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-38.66	
				<i>For >100, Deduct</i>	-56.42	
				<i>For Polystyrene Core, Add</i>	58.47	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	146.17	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	73.08	
08 13 13 13-0005	EA			2'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	728.07	65.72
				<i>For Galvanized Steel Door, Add</i>	119.32	
				<i>For Type 304 Stainless Steel Door, Add</i>	477.30	
				<i>For Type 316 Stainless Steel Door, Add</i>	775.61	
				<i>For Embossed Panel Door, Add</i>	143.19	
				<i>For Baked Enamel Finish, Add</i>	198.70	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-39.69	
				<i>For >100, Deduct</i>	-57.89	
				<i>For Polystyrene Core, Add</i>	59.66	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	149.16	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	74.58	
08 13 13 13-0006	EA			2'-8" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	736.97	65.72
				<i>For Galvanized Steel Door, Add</i>	121.10	
				<i>For Type 304 Stainless Steel Door, Add</i>	484.42	
				<i>For Type 316 Stainless Steel Door, Add</i>	787.18	
				<i>For Embossed Panel Door, Add</i>	145.32	
				<i>For Baked Enamel Finish, Add</i>	201.37	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-40.13	
				<i>For >100, Deduct</i>	-58.56	
				<i>For Polystyrene Core, Add</i>	60.55	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	151.38	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	75.69	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 13 13 13-0007	EA 2'-10" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	743.39	67.15
	For Galvanized Steel Door, Add	121.82	
	For Type 304 Stainless Steel Door, Add	487.26	
	For Type 316 Stainless Steel Door, Add	791.80	
	For Embossed Panel Door, Add	146.18	
	For Baked Enamel Finish, Add	202.87	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-40.53	
	For >100, Deduct	-59.11	
	For Polystyrene Core, Add	60.91	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	152.27	
	For Continuously Welded And Filled Vertical Edge Seam, Add	76.14	
08 13 13 13-0008	EA 3' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	749.81	68.58
	For Galvanized Steel Door, Add	122.53	
	For Type 304 Stainless Steel Door, Add	490.12	
	For Type 316 Stainless Steel Door, Add	796.45	
	For Embossed Panel Door, Add	147.04	
	For Baked Enamel Finish, Add	204.37	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-40.92	
	For >100, Deduct	-59.66	
	For Polystyrene Core, Add	61.27	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	153.16	
	For Continuously Welded And Filled Vertical Edge Seam, Add	76.58	
08 13 13 13-0009	EA 3'-4" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	796.11	68.58
	For Galvanized Steel Door, Add	131.79	
	For Type 304 Stainless Steel Door, Add	527.16	
	For Type 316 Stainless Steel Door, Add	856.64	
	For Embossed Panel Door, Add	158.15	
	For Baked Enamel Finish, Add	218.26	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-43.23	
	For >100, Deduct	-63.14	
	For Polystyrene Core, Add	65.90	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	164.74	
	For Continuously Welded And Filled Vertical Edge Seam, Add	82.37	
08 13 13 13-0010	EA 3'-6" x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	819.64	71.44
	For Galvanized Steel Door, Add	135.35	
	For Type 304 Stainless Steel Door, Add	541.41	
	For Type 316 Stainless Steel Door, Add	879.79	
	For Embossed Panel Door, Add	162.42	
	For Baked Enamel Finish, Add	224.46	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-44.55	
	For >100, Deduct	-65.05	
	For Polystyrene Core, Add	67.68	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	169.19	
	For Continuously Welded And Filled Vertical Edge Seam, Add	84.60	
08 13 13 13-0011	EA 4' x 6'-8" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	902.32	77.16
	For Galvanized Steel Door, Add	149.60	
	For Type 304 Stainless Steel Door, Add	598.40	
	For Type 316 Stainless Steel Door, Add	972.40	
	For Embossed Panel Door, Add	179.52	
	For Baked Enamel Finish, Add	247.55	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-48.97	
	For >100, Deduct	-71.53	
	For Polystyrene Core, Add	74.80	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	187.00	
	For Continuously Welded And Filled Vertical Edge Seam, Add	93.50	

08 13 13 13-0012 7' High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal
Doors (08 13 13 13-0001)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0013	EA			2' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	725.72	62.87
				<i>For Galvanized Steel Door, Add</i>	120.00	
				<i>For Type 304 Stainless Steel Door, Add</i>	479.98	
				<i>For Type 316 Stainless Steel Door, Add</i>	779.97	
				<i>For Embossed Panel Door, Add</i>	144.00	
				<i>For Baked Enamel Finish, Add</i>	198.86	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-39.43	
				<i>For >100, Deduct</i>	-57.57	
				<i>For Polystyrene Core, Add</i>	60.00	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	150.00	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	75.00	
08 13 13 13-0014	EA			2'-4" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	725.72	62.87
				<i>For Galvanized Steel Door, Add</i>	120.00	
				<i>For Type 304 Stainless Steel Door, Add</i>	479.98	
				<i>For Type 316 Stainless Steel Door, Add</i>	779.97	
				<i>For Embossed Panel Door, Add</i>	144.00	
				<i>For Baked Enamel Finish, Add</i>	198.86	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-39.43	
				<i>For >100, Deduct</i>	-57.57	
				<i>For Polystyrene Core, Add</i>	60.00	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	150.00	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	75.00	
08 13 13 13-0015	EA			2'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	743.70	65.72
				<i>For Galvanized Steel Door, Add</i>	122.45	
				<i>For Type 304 Stainless Steel Door, Add</i>	489.80	
				<i>For Type 316 Stainless Steel Door, Add</i>	795.93	
				<i>For Embossed Panel Door, Add</i>	146.94	
				<i>For Baked Enamel Finish, Add</i>	203.39	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-40.47	
				<i>For >100, Deduct</i>	-59.06	
				<i>For Polystyrene Core, Add</i>	61.23	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	153.06	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	76.53	
08 13 13 13-0016	EA			2'-8" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	752.84	65.72
				<i>For Galvanized Steel Door, Add</i>	124.28	
				<i>For Type 304 Stainless Steel Door, Add</i>	497.11	
				<i>For Type 316 Stainless Steel Door, Add</i>	807.81	
				<i>For Embossed Panel Door, Add</i>	149.13	
				<i>For Baked Enamel Finish, Add</i>	206.13	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-40.93	
				<i>For >100, Deduct</i>	-59.75	
				<i>For Polystyrene Core, Add</i>	62.14	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	155.35	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	77.67	
08 13 13 13-0017	EA			2'-10" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	759.35	67.15
				<i>For Galvanized Steel Door, Add</i>	125.01	
				<i>For Type 304 Stainless Steel Door, Add</i>	500.03	
				<i>For Type 316 Stainless Steel Door, Add</i>	812.55	
				<i>For Embossed Panel Door, Add</i>	150.01	
				<i>For Baked Enamel Finish, Add</i>	207.66	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-41.33	
				<i>For >100, Deduct</i>	-60.31	
				<i>For Polystyrene Core, Add</i>	62.50	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	156.26	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	78.13	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0018	EA 3' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	765.86	68.58
	For Galvanized Steel Door, Add	125.74	
	For Type 304 Stainless Steel Door, Add	502.96	
	For Type 316 Stainless Steel Door, Add	817.31	
	For Embossed Panel Door, Add	150.89	
	For Baked Enamel Finish, Add	209.18	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-41.72	
	For >100, Deduct	-60.87	
	For Polystyrene Core, Add	62.87	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	157.18	
	For Continuously Welded And Filled Vertical Edge Seam, Add	78.59	
08 13 13 13-0019	EA 3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	813.38	68.58
	For Galvanized Steel Door, Add	135.24	
	For Type 304 Stainless Steel Door, Add	540.98	
	For Type 316 Stainless Steel Door, Add	879.09	
	For Embossed Panel Door, Add	162.29	
	For Baked Enamel Finish, Add	223.44	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-44.10	
	For >100, Deduct	-64.43	
	For Polystyrene Core, Add	67.62	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	169.06	
	For Continuously Welded And Filled Vertical Edge Seam, Add	84.53	
08 13 13 13-0020	EA 3'-6" x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	837.37	71.44
	For Galvanized Steel Door, Add	138.90	
	For Type 304 Stainless Steel Door, Add	555.59	
	For Type 316 Stainless Steel Door, Add	902.84	
	For Embossed Panel Door, Add	166.68	
	For Baked Enamel Finish, Add	229.78	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-45.44	
	For >100, Deduct	-66.37	
	For Polystyrene Core, Add	69.45	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	173.62	
	For Continuously Welded And Filled Vertical Edge Seam, Add	86.81	
08 13 13 13-0021	EA 4' x 7' x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	921.92	77.16
	For Galvanized Steel Door, Add	153.52	
	For Type 304 Stainless Steel Door, Add	614.08	
	For Type 316 Stainless Steel Door, Add	997.88	
	For Embossed Panel Door, Add	184.22	
	For Baked Enamel Finish, Add	253.43	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-49.95	
	For >100, Deduct	-73.00	
	For Polystyrene Core, Add	76.76	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	191.90	
	For Continuously Welded And Filled Vertical Edge Seam, Add	95.95	
08 13 13 13-0022	7'-2" High, 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0001)</small>		
08 13 13 13-0023	EA 2' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door	740.60	62.87
	For Galvanized Steel Door, Add	122.97	
	For Type 304 Stainless Steel Door, Add	491.89	
	For Type 316 Stainless Steel Door, Add	799.32	
	For Embossed Panel Door, Add	147.57	
	For Baked Enamel Finish, Add	203.32	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-40.17	
	For >100, Deduct	-58.69	
	For Polystyrene Core, Add	61.49	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	153.72	
	For Continuously Welded And Filled Vertical Edge Seam, Add	76.86	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 13 13	13-0024	EA	2'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door 740.60		62.87
				<i>For Galvanized Steel Door, Add</i>	122.97	
				<i>For Type 304 Stainless Steel Door, Add</i>	491.89	
				<i>For Type 316 Stainless Steel Door, Add</i>	799.32	
				<i>For Embossed Panel Door, Add</i>	147.57	
				<i>For Baked Enamel Finish, Add</i>	203.32	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-40.17	
				<i>For >100, Deduct</i>	-58.69	
				<i>For Polystyrene Core, Add</i>	61.49	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	153.72	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	76.86	
	08 13 13	13-0025	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door 758.89		65.72
				<i>For Galvanized Steel Door, Add</i>	125.49	
				<i>For Type 304 Stainless Steel Door, Add</i>	501.95	
				<i>For Type 316 Stainless Steel Door, Add</i>	815.67	
				<i>For Embossed Panel Door, Add</i>	150.59	
				<i>For Baked Enamel Finish, Add</i>	207.95	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-41.23	
				<i>For >100, Deduct</i>	-60.20	
				<i>For Polystyrene Core, Add</i>	62.74	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	156.86	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	78.43	
	08 13 13	13-0026	EA	2'-8" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door 768.25		65.72
				<i>For Galvanized Steel Door, Add</i>	127.36	
				<i>For Type 304 Stainless Steel Door, Add</i>	509.44	
				<i>For Type 316 Stainless Steel Door, Add</i>	827.84	
				<i>For Embossed Panel Door, Add</i>	152.83	
				<i>For Baked Enamel Finish, Add</i>	210.76	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-41.70	
				<i>For >100, Deduct</i>	-60.91	
				<i>For Polystyrene Core, Add</i>	63.68	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	159.20	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	79.60	
	08 13 13	13-0027	EA	2'-10" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door 774.85		67.15
				<i>For Galvanized Steel Door, Add</i>	128.11	
				<i>For Type 304 Stainless Steel Door, Add</i>	512.43	
				<i>For Type 316 Stainless Steel Door, Add</i>	832.70	
				<i>For Embossed Panel Door, Add</i>	153.73	
				<i>For Baked Enamel Finish, Add</i>	212.31	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-42.10	
				<i>For >100, Deduct</i>	-61.47	
				<i>For Polystyrene Core, Add</i>	64.05	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	160.14	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	80.07	
	08 13 13	13-0028	EA	3' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door 781.45		68.58
				<i>For Galvanized Steel Door, Add</i>	128.86	
				<i>For Type 304 Stainless Steel Door, Add</i>	515.43	
				<i>For Type 316 Stainless Steel Door, Add</i>	837.58	
				<i>For Embossed Panel Door, Add</i>	154.63	
				<i>For Baked Enamel Finish, Add</i>	213.86	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-42.50	
				<i>For >100, Deduct</i>	-62.04	
				<i>For Polystyrene Core, Add</i>	64.43	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	161.07	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	80.54	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0029	EA	3'-4" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	830.15	68.58
			<i>For Galvanized Steel Door, Add</i>	138.60	
			<i>For Type 304 Stainless Steel Door, Add</i>	554.39	
			<i>For Type 316 Stainless Steel Door, Add</i>	900.89	
			<i>For Embossed Panel Door, Add</i>	166.32	
			<i>For Baked Enamel Finish, Add</i>	228.47	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-44.94	
			<i>For >100, Deduct</i>	-65.69	
			<i>For Polystyrene Core, Add</i>	69.30	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	173.25	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	86.62	
08 13 13	13-0030	EA	3'-6" x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	854.60	71.44
			<i>For Galvanized Steel Door, Add</i>	142.34	
			<i>For Type 304 Stainless Steel Door, Add</i>	569.38	
			<i>For Type 316 Stainless Steel Door, Add</i>	925.24	
			<i>For Embossed Panel Door, Add</i>	170.81	
			<i>For Baked Enamel Finish, Add</i>	234.95	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-46.30	
			<i>For >100, Deduct</i>	-67.67	
			<i>For Polystyrene Core, Add</i>	71.17	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	177.93	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	88.97	
08 13 13	13-0031	EA	4' x 7'-2" x 1-3/4", 20 Gauge, Level 1 Standard Duty, Honeycomb Core, Hollow Metal Door.....	940.95	77.16
			<i>For Galvanized Steel Door, Add</i>	157.33	
			<i>For Type 304 Stainless Steel Door, Add</i>	629.30	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,022.62	
			<i>For Embossed Panel Door, Add</i>	188.79	
			<i>For Baked Enamel Finish, Add</i>	259.14	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-50.91	
			<i>For >100, Deduct</i>	-74.43	
			<i>For Polystyrene Core, Add</i>	78.66	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	196.66	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	98.33	
08 13 13	13-0032		18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13</small>		
			<small>13)</small>		
08 13 13	13-0033		6'-8" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13-0032)</small>		
08 13 13	13-0034	EA	2' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	757.70	62.87
			<i>For Galvanized Steel Door, Add</i>	126.39	
			<i>For Type 304 Stainless Steel Door, Add</i>	505.57	
			<i>For Type 316 Stainless Steel Door, Add</i>	821.55	
			<i>For Embossed Panel Door, Add</i>	151.67	
			<i>For Baked Enamel Finish, Add</i>	208.45	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-41.03	
			<i>For >100, Deduct</i>	-59.97	
			<i>For 2" Thick Door, Add</i>	48.96	
			<i>For Polystyrene Core, Add</i>	63.20	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	157.99	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	79.00	
			<i>For Steel Stiffened, Add</i>	157.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0035 EA 2'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	757.70	62.87
For Galvanized Steel Door, Add	126.39	
For Type 304 Stainless Steel Door, Add	505.57	
For Type 316 Stainless Steel Door, Add	821.55	
For Embossed Panel Door, Add	151.67	
For Baked Enamel Finish, Add	208.45	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-41.03	
For >100, Deduct	-59.97	
For 2" Thick Door, Add	48.96	
For Polystyrene Core, Add	63.20	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	157.99	
For Continuously Welded And Filled Vertical Edge Seam, Add	79.00	
For Steel Stiffened, Add	157.99	
08 13 13 13-0036 EA 2'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	776.33	65.72
For Galvanized Steel Door, Add	128.98	
For Type 304 Stainless Steel Door, Add	515.90	
For Type 316 Stainless Steel Door, Add	838.34	
For Embossed Panel Door, Add	154.77	
For Baked Enamel Finish, Add	213.18	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-42.10	
For >100, Deduct	-61.51	
For 2" Thick Door, Add	50.04	
For Polystyrene Core, Add	64.49	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	161.22	
For Continuously Welded And Filled Vertical Edge Seam, Add	80.61	
For Steel Stiffened, Add	161.22	
08 13 13 13-0037 EA 2'-8" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	785.96	65.72
For Galvanized Steel Door, Add	130.90	
For Type 304 Stainless Steel Door, Add	523.61	
For Type 316 Stainless Steel Door, Add	850.86	
For Embossed Panel Door, Add	157.08	
For Baked Enamel Finish, Add	216.07	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-42.58	
For >100, Deduct	-62.23	
For 2" Thick Door, Add	50.74	
For Polystyrene Core, Add	65.45	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	163.63	
For Continuously Welded And Filled Vertical Edge Seam, Add	81.81	
For Steel Stiffened, Add	163.63	
08 13 13 13-0038 EA 2'-10" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	792.66	67.15
For Galvanized Steel Door, Add	131.67	
For Type 304 Stainless Steel Door, Add	526.68	
For Type 316 Stainless Steel Door, Add	855.86	
For Embossed Panel Door, Add	158.00	
For Baked Enamel Finish, Add	217.65	
For 20 Minute Fire Rated Door, Add	27.63	
For 45 Minute Fire Rated Door, Add	41.40	
For 60 Minute Fire Rated Door, Add	55.27	
For 90 Minute Fire Rated Door, Add	93.38	
For 3 Hour Fire Rated Door, Add	131.50	
For >50 To 100, Deduct	-42.99	
For >100, Deduct	-62.81	
For 2" Thick Door, Add	51.09	
For Polystyrene Core, Add	65.84	
For Mineral Core, 250 Degree Maximum Temperature Rise, Add	164.59	
For Continuously Welded And Filled Vertical Edge Seam, Add	82.29	
For Steel Stiffened, Add	164.59	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0039	EA	3' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	799.37	68.58
			<i>For Galvanized Steel Door, Add</i>	132.44	
			<i>For Type 304 Stainless Steel Door, Add</i>	529.77	
			<i>For Type 316 Stainless Steel Door, Add</i>	860.87	
			<i>For Embossed Panel Door, Add</i>	158.93	
			<i>For Baked Enamel Finish, Add</i>	219.24	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-43.40	
			<i>For >100, Deduct</i>	-63.38	
			<i>For 2" Thick Door, Add</i>	51.44	
			<i>For Polystyrene Core, Add</i>	66.22	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	165.55	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	82.78	
			<i>For Steel Stiffened, Add</i>	165.55	
08 13 13	13-0040	EA	3'-4" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	849.42	68.58
			<i>For Galvanized Steel Door, Add</i>	142.45	
			<i>For Type 304 Stainless Steel Door, Add</i>	569.81	
			<i>For Type 316 Stainless Steel Door, Add</i>	925.94	
			<i>For Embossed Panel Door, Add</i>	170.94	
			<i>For Baked Enamel Finish, Add</i>	234.25	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-45.90	
			<i>For >100, Deduct</i>	-67.14	
			<i>For 2" Thick Door, Add</i>	55.07	
			<i>For Polystyrene Core, Add</i>	71.23	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	178.07	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	89.03	
			<i>For Steel Stiffened, Add</i>	178.07	
08 13 13	13-0041	EA	3'-6" x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	874.39	71.44
			<i>For Galvanized Steel Door, Add</i>	146.30	
			<i>For Type 304 Stainless Steel Door, Add</i>	585.21	
			<i>For Type 316 Stainless Steel Door, Add</i>	950.96	
			<i>For Embossed Panel Door, Add</i>	175.56	
			<i>For Baked Enamel Finish, Add</i>	240.89	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-47.29	
			<i>For >100, Deduct</i>	-69.15	
			<i>For 2" Thick Door, Add</i>	56.61	
			<i>For Polystyrene Core, Add</i>	73.15	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	182.88	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	91.44	
			<i>For Steel Stiffened, Add</i>	182.88	
08 13 13	13-0042	EA	4' x 6'-8" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	962.83	77.16
			<i>For Galvanized Steel Door, Add</i>	161.70	
			<i>For Type 304 Stainless Steel Door, Add</i>	646.81	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,051.06	
			<i>For Embossed Panel Door, Add</i>	194.04	
			<i>For Baked Enamel Finish, Add</i>	265.70	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-52.00	
			<i>For >100, Deduct</i>	-76.07	
			<i>For 2" Thick Door, Add</i>	62.47	
			<i>For Polystyrene Core, Add</i>	80.85	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	202.13	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	101.06	
			<i>For Steel Stiffened, Add</i>	202.13	
08 13 13	13-0043		7' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0032)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0044	EA			2' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	772.70	62.87
				<i>For Galvanized Steel Door, Add</i>	129.39	
				<i>For Type 304 Stainless Steel Door, Add</i>	517.57	
				<i>For Type 316 Stainless Steel Door, Add</i>	841.05	
				<i>For Embossed Panel Door, Add</i>	155.27	
				<i>For Baked Enamel Finish, Add</i>	212.95	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-41.78	
				<i>For >100, Deduct</i>	-61.10	
				<i>For 2" Thick Door, Add</i>	50.05	
				<i>For Polystyrene Core, Add</i>	64.70	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	161.74	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	80.87	
				<i>For Steel Stiffened, Add</i>	161.74	
08 13 13 13-0045	EA			2'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	772.70	62.87
				<i>For Galvanized Steel Door, Add</i>	129.39	
				<i>For Type 304 Stainless Steel Door, Add</i>	517.57	
				<i>For Type 316 Stainless Steel Door, Add</i>	841.05	
				<i>For Embossed Panel Door, Add</i>	155.27	
				<i>For Baked Enamel Finish, Add</i>	212.95	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-41.78	
				<i>For >100, Deduct</i>	-61.10	
				<i>For 2" Thick Door, Add</i>	50.05	
				<i>For Polystyrene Core, Add</i>	64.70	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	161.74	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	80.87	
				<i>For Steel Stiffened, Add</i>	161.74	
08 13 13 13-0046	EA			2'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	791.64	65.72
				<i>For Galvanized Steel Door, Add</i>	132.04	
				<i>For Type 304 Stainless Steel Door, Add</i>	528.15	
				<i>For Type 316 Stainless Steel Door, Add</i>	858.25	
				<i>For Embossed Panel Door, Add</i>	158.45	
				<i>For Baked Enamel Finish, Add</i>	217.77	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-42.87	
				<i>For >100, Deduct</i>	-62.66	
				<i>For 2" Thick Door, Add</i>	51.15	
				<i>For Polystyrene Core, Add</i>	66.02	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	165.05	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	82.52	
				<i>For Steel Stiffened, Add</i>	165.05	
08 13 13 13-0047	EA			2'-8" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	801.49	65.72
				<i>For Galvanized Steel Door, Add</i>	134.01	
				<i>For Type 304 Stainless Steel Door, Add</i>	536.03	
				<i>For Type 316 Stainless Steel Door, Add</i>	871.05	
				<i>For Embossed Panel Door, Add</i>	160.81	
				<i>For Baked Enamel Finish, Add</i>	220.73	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-43.36	
				<i>For >100, Deduct</i>	-63.40	
				<i>For 2" Thick Door, Add</i>	51.86	
				<i>For Polystyrene Core, Add</i>	67.00	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	167.51	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	83.76	
				<i>For Steel Stiffened, Add</i>	167.51	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13-0048	EA		2'-10" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	808.29	67.15
			<i>For Galvanized Steel Door, Add</i>	134.80	
			<i>For Type 304 Stainless Steel Door, Add</i>	539.18	
			<i>For Type 316 Stainless Steel Door, Add</i>	876.17	
			<i>For Embossed Panel Door, Add</i>	161.76	
			<i>For Baked Enamel Finish, Add</i>	222.34	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-43.77	
			<i>For >100, Deduct</i>	-63.98	
			<i>For 2" Thick Door, Add</i>	52.22	
			<i>For Polystyrene Core, Add</i>	67.40	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	168.50	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	84.25	
			<i>For Steel Stiffened, Add</i>	168.50	
08 13 13-0049	EA		3' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	815.08	68.58
			<i>For Galvanized Steel Door, Add</i>	135.58	
			<i>For Type 304 Stainless Steel Door, Add</i>	542.34	
			<i>For Type 316 Stainless Steel Door, Add</i>	881.30	
			<i>For Embossed Panel Door, Add</i>	162.70	
			<i>For Baked Enamel Finish, Add</i>	223.95	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-44.18	
			<i>For >100, Deduct</i>	-64.56	
			<i>For 2" Thick Door, Add</i>	52.58	
			<i>For Polystyrene Core, Add</i>	67.79	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	169.48	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	84.74	
			<i>For Steel Stiffened, Add</i>	169.48	
08 13 13-0050	EA		3'-4" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	866.32	68.58
			<i>For Galvanized Steel Door, Add</i>	145.83	
			<i>For Type 304 Stainless Steel Door, Add</i>	583.33	
			<i>For Type 316 Stainless Steel Door, Add</i>	947.91	
			<i>For Embossed Panel Door, Add</i>	175.00	
			<i>For Baked Enamel Finish, Add</i>	239.32	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-46.75	
			<i>For >100, Deduct</i>	-68.40	
			<i>For 2" Thick Door, Add</i>	56.29	
			<i>For Polystyrene Core, Add</i>	72.92	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	182.29	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	91.15	
			<i>For Steel Stiffened, Add</i>	182.29	
08 13 13-0051	EA		3'-6" x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	891.75	71.44
			<i>For Galvanized Steel Door, Add</i>	149.77	
			<i>For Type 304 Stainless Steel Door, Add</i>	599.10	
			<i>For Type 316 Stainless Steel Door, Add</i>	973.53	
			<i>For Embossed Panel Door, Add</i>	179.73	
			<i>For Baked Enamel Finish, Add</i>	246.09	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-48.16	
			<i>For >100, Deduct</i>	-70.45	
			<i>For 2" Thick Door, Add</i>	57.87	
			<i>For Polystyrene Core, Add</i>	74.89	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	187.22	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	93.61	
			<i>For Steel Stiffened, Add</i>	187.22	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 13 13 13-0052	EA		4' x 7' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	982.02	77.16
				<i>For Galvanized Steel Door, Add</i>	165.54	
				<i>For Type 304 Stainless Steel Door, Add</i>	662.16	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,076.01	
				<i>For Embossed Panel Door, Add</i>	198.65	
				<i>For Baked Enamel Finish, Add</i>	271.46	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-52.96	
				<i>For >100, Deduct</i>	-77.51	
				<i>For 2" Thick Door, Add</i>	63.87	
				<i>For Polystyrene Core, Add</i>	82.77	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	206.93	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	103.46	
				<i>For Steel Stiffened, Add</i>	206.93	
	08 13 13 13-0053			7'-2" High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal		
				Doors <small>(08 13 13 13-0032)</small>		
	08 13 13 13-0054	EA		2' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	787.70	62.87
				<i>For Galvanized Steel Door, Add</i>	132.39	
				<i>For Type 304 Stainless Steel Door, Add</i>	529.57	
				<i>For Type 316 Stainless Steel Door, Add</i>	860.55	
				<i>For Embossed Panel Door, Add</i>	158.87	
				<i>For Baked Enamel Finish, Add</i>	217.45	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-42.53	
				<i>For >100, Deduct</i>	-62.22	
				<i>For 2" Thick Door, Add</i>	51.14	
				<i>For Polystyrene Core, Add</i>	66.20	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	165.49	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	82.75	
				<i>For Steel Stiffened, Add</i>	165.49	
	08 13 13 13-0055	EA		2'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	787.70	62.87
				<i>For Galvanized Steel Door, Add</i>	132.39	
				<i>For Type 304 Stainless Steel Door, Add</i>	529.57	
				<i>For Type 316 Stainless Steel Door, Add</i>	860.55	
				<i>For Embossed Panel Door, Add</i>	158.87	
				<i>For Baked Enamel Finish, Add</i>	217.45	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-42.53	
				<i>For >100, Deduct</i>	-62.22	
				<i>For 2" Thick Door, Add</i>	51.14	
				<i>For Polystyrene Core, Add</i>	66.20	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	165.49	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	82.75	
				<i>For Steel Stiffened, Add</i>	165.49	
	08 13 13 13-0056	EA		2'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	806.95	65.72
				<i>For Galvanized Steel Door, Add</i>	135.10	
				<i>For Type 304 Stainless Steel Door, Add</i>	540.40	
				<i>For Type 316 Stainless Steel Door, Add</i>	878.15	
				<i>For Embossed Panel Door, Add</i>	162.12	
				<i>For Baked Enamel Finish, Add</i>	222.37	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-43.63	
				<i>For >100, Deduct</i>	-63.81	
				<i>For 2" Thick Door, Add</i>	52.26	
				<i>For Polystyrene Core, Add</i>	67.55	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	168.88	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	84.44	
				<i>For Steel Stiffened, Add</i>	168.88	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13	13	0057	EA 2'-8" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	817.03	65.72
			For Galvanized Steel Door, Add	137.12	
			For Type 304 Stainless Steel Door, Add	548.46	
			For Type 316 Stainless Steel Door, Add	891.25	
			For Embossed Panel Door, Add	164.54	
			For Baked Enamel Finish, Add	225.39	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.14	
			For >100, Deduct	-64.56	
			For 2" Thick Door, Add	52.99	
			For Polystyrene Core, Add	68.56	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	171.40	
			For Continuously Welded And Filled Vertical Edge Seam, Add	85.70	
			For Steel Stiffened, Add	171.40	
08 13	13	0058	EA 3' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	830.80	68.58
			For Galvanized Steel Door, Add	138.73	
			For Type 304 Stainless Steel Door, Add	554.91	
			For Type 316 Stainless Steel Door, Add	901.73	
			For Embossed Panel Door, Add	166.47	
			For Baked Enamel Finish, Add	228.67	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-44.97	
			For >100, Deduct	-65.74	
			For 2" Thick Door, Add	53.72	
			For Polystyrene Core, Add	69.36	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	173.41	
			For Continuously Welded And Filled Vertical Edge Seam, Add	86.71	
			For Steel Stiffened, Add	173.41	
08 13	13	0059	EA 3'-4" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	883.23	68.58
			For Galvanized Steel Door, Add	149.21	
			For Type 304 Stainless Steel Door, Add	596.86	
			For Type 316 Stainless Steel Door, Add	969.89	
			For Embossed Panel Door, Add	179.06	
			For Baked Enamel Finish, Add	244.40	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-47.59	
			For >100, Deduct	-69.67	
			For 2" Thick Door, Add	57.52	
			For Polystyrene Core, Add	74.61	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	186.52	
			For Continuously Welded And Filled Vertical Edge Seam, Add	93.26	
			For Steel Stiffened, Add	186.52	
08 13	13	0060	EA 3'-6" x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door.....	909.11	71.44
			For Galvanized Steel Door, Add	153.25	
			For Type 304 Stainless Steel Door, Add	612.98	
			For Type 316 Stainless Steel Door, Add	996.10	
			For Embossed Panel Door, Add	183.90	
			For Baked Enamel Finish, Add	251.30	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-49.03	
			For >100, Deduct	-71.76	
			For 2" Thick Door, Add	59.12	
			For Polystyrene Core, Add	76.62	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	191.56	
			For Continuously Welded And Filled Vertical Edge Seam, Add	95.78	
			For Steel Stiffened, Add	191.56	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 13 13	13-0061	EA	4' x 7'-2" x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	1,001.21 169.38 677.51 1,100.96 203.25 277.22 27.63 41.40 55.27 93.38 131.50 -53.92 -78.95 65.26 84.69 211.72 105.86 211.72	77.16
	08 13 13	13-0062		8' High, 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0032)</small>		
	08 13 13	13-0063	EA	2' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door..... <i>For Up To 1' Extra Height, Add</i> <i>For 1' To 1'-6" Extra Height, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	911.41 217.39 414.76 157.13 628.54 1,021.37 188.56 254.56 27.63 41.40 55.27 93.38 131.50 -48.71 -71.50 60.10 78.57 196.42 98.21 196.42	62.87
	08 13 13	13-0064	EA	2'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For Up To 1' Extra Height, Add</i> <i>For 1' To 1'-6" Extra Height, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	911.41 217.39 414.76 157.13 628.54 1,021.37 188.56 254.56 27.63 41.40 55.27 93.38 131.50 -48.71 -71.50 60.10 78.57 196.42 98.21 196.42	62.87
	08 13 13	13-0065	EA	2'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For Up To 1' Extra Height, Add</i> <i>For 1' To 1'-6" Extra Height, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	933.19 221.84 423.24 160.35 641.39 1,042.26 192.42 260.24 27.63 41.40 55.27 93.38 131.50 -49.95 -73.28 61.41 80.17 200.44 100.22 200.44	65.72

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0066	EA	2'-8" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	945.16	65.72
		<i>For Up To 1' Extra Height, Add</i>	225.15	
		<i>For 1' To 1'-6" Extra Height, Add</i>	429.56	
		<i>For Galvanized Steel Door, Add</i>	162.74	
		<i>For Type 304 Stainless Steel Door, Add</i>	650.97	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,057.82	
		<i>For Embossed Panel Door, Add</i>	195.29	
		<i>For Baked Enamel Finish, Add</i>	263.83	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-50.54	
		<i>For >100, Deduct</i>	-74.17	
		<i>For 2" Thick Door, Add</i>	62.28	
		<i>For Polystyrene Core, Add</i>	81.37	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	203.43	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	101.71	
		<i>For Steel Stiffened, Add</i>	203.43	
08 13 13 13-0067	EA	2'-10" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	952.80	67.15
		<i>For Up To 1' Extra Height, Add</i>	226.48	
		<i>For 1' To 1'-6" Extra Height, Add</i>	432.08	
		<i>For Galvanized Steel Door, Add</i>	163.70	
		<i>For Type 304 Stainless Steel Door, Add</i>	654.79	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,064.04	
		<i>For Embossed Panel Door, Add</i>	196.44	
		<i>For Baked Enamel Finish, Add</i>	265.69	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-51.00	
		<i>For >100, Deduct</i>	-74.82	
		<i>For 2" Thick Door, Add</i>	62.70	
		<i>For Polystyrene Core, Add</i>	81.85	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	204.62	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	102.31	
		<i>For Steel Stiffened, Add</i>	204.62	
08 13 13 13-0068	EA	3' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	960.44	68.58
		<i>For Up To 1' Extra Height, Add</i>	227.80	
		<i>For 1' To 1'-6" Extra Height, Add</i>	434.61	
		<i>For Galvanized Steel Door, Add</i>	164.66	
		<i>For Type 304 Stainless Steel Door, Add</i>	658.62	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,070.26	
		<i>For Embossed Panel Door, Add</i>	197.59	
		<i>For Baked Enamel Finish, Add</i>	267.56	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-51.45	
		<i>For >100, Deduct</i>	-75.46	
		<i>For 2" Thick Door, Add</i>	63.12	
		<i>For Polystyrene Core, Add</i>	82.33	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	205.82	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	102.91	
		<i>For Steel Stiffened, Add</i>	205.82	
08 13 13 13-0069	EA	3'-4" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,022.66	68.58
		<i>For Up To 1' Extra Height, Add</i>	245.02	
		<i>For 1' To 1'-6" Extra Height, Add</i>	467.46	
		<i>For Galvanized Steel Door, Add</i>	177.10	
		<i>For Type 304 Stainless Steel Door, Add</i>	708.40	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,151.15	
		<i>For Embossed Panel Door, Add</i>	212.52	
		<i>For Baked Enamel Finish, Add</i>	286.22	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-54.56	
		<i>For >100, Deduct</i>	-80.13	
		<i>For 2" Thick Door, Add</i>	67.63	
		<i>For Polystyrene Core, Add</i>	88.55	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	221.38	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	110.69	
		<i>For Steel Stiffened, Add</i>	221.38	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0070	EA		3'-6" x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,052.32	71.44
				<i>For Up To 1' Extra Height, Add</i>	251.64	
				<i>For 1' To 1'-6" Extra Height, Add</i>	480.09	
				<i>For Galvanized Steel Door, Add</i>	181.89	
				<i>For Type 304 Stainless Steel Door, Add</i>	727.55	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,182.27	
				<i>For Embossed Panel Door, Add</i>	218.27	
				<i>For Baked Enamel Finish, Add</i>	294.26	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-56.19	
				<i>For >100, Deduct</i>	-82.50	
				<i>For 2" Thick Door, Add</i>	69.51	
				<i>For Polystyrene Core, Add</i>	90.94	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	227.36	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	113.68	
				<i>For Steel Stiffened, Add</i>	227.36	
08 13 13	13-0071	EA		4' x 8' x 1-3/4", 18 Gauge, Level 2 Heavy Duty, Honeycomb Core, Hollow Metal Door	1,159.48	77.16
				<i>For Up To 1' Extra Height, Add</i>	278.13	
				<i>For 1' To 1'-6" Extra Height, Add</i>	530.62	
				<i>For Galvanized Steel Door, Add</i>	201.03	
				<i>For Type 304 Stainless Steel Door, Add</i>	804.13	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,306.71	
				<i>For Embossed Panel Door, Add</i>	241.24	
				<i>For Baked Enamel Finish, Add</i>	324.70	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-61.83	
				<i>For >100, Deduct</i>	-90.82	
				<i>For 2" Thick Door, Add</i>	76.73	
				<i>For Polystyrene Core, Add</i>	100.52	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	251.29	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	125.65	
				<i>For Steel Stiffened, Add</i>	251.29	
08 13 13	13-0072			16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13)</small>		
08 13 13	13-0073			6'-8" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0072)</small>		
08 13 13	13-0074	EA		2' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,001.00	62.87
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	350.10	
				<i>For Galvanized Steel Door, Add</i>	175.05	
				<i>For Type 304 Stainless Steel Door, Add</i>	700.21	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,137.84	
				<i>For Embossed Panel Door, Add</i>	210.06	
				<i>For Baked Enamel Finish, Add</i>	281.44	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-53.19	
				<i>For >100, Deduct</i>	-78.22	
				<i>For 2" Thick Door, Add</i>	66.60	
				<i>For Polystyrene Core, Add</i>	87.53	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	218.82	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	109.41	
				<i>For Steel Stiffened, Add</i>	218.82	
08 13 13	13-0075	EA		2'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,001.00	62.87
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	350.10	
				<i>For Galvanized Steel Door, Add</i>	175.05	
				<i>For Type 304 Stainless Steel Door, Add</i>	700.21	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,137.84	
				<i>For Embossed Panel Door, Add</i>	210.06	
				<i>For Baked Enamel Finish, Add</i>	281.44	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-53.19	
				<i>For >100, Deduct</i>	-78.22	
				<i>For 2" Thick Door, Add</i>	66.60	
				<i>For Polystyrene Core, Add</i>	87.53	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	218.82	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	109.41	
				<i>For Steel Stiffened, Add</i>	218.82	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0076	EA	2'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,024.62	65.72
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	357.27	
			<i>For Galvanized Steel Door, Add</i>	178.63	
			<i>For Type 304 Stainless Steel Door, Add</i>	714.54	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,161.12	
			<i>For Embossed Panel Door, Add</i>	214.36	
			<i>For Baked Enamel Finish, Add</i>	287.67	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-54.52	
			<i>For >100, Deduct</i>	-80.13	
			<i>For 2" Thick Door, Add</i>	68.04	
			<i>For Polystyrene Core, Add</i>	89.32	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	223.29	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	111.65	
			<i>For Steel Stiffened, Add</i>	223.29	
08 13 13	13-0077	EA	2'-8" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,037.95	65.72
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	362.60	
			<i>For Galvanized Steel Door, Add</i>	181.30	
			<i>For Type 304 Stainless Steel Door, Add</i>	725.20	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,178.45	
			<i>For Embossed Panel Door, Add</i>	217.56	
			<i>For Baked Enamel Finish, Add</i>	291.67	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-55.18	
			<i>For >100, Deduct</i>	-81.13	
			<i>For 2" Thick Door, Add</i>	69.01	
			<i>For Polystyrene Core, Add</i>	90.65	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	226.63	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	113.31	
			<i>For Steel Stiffened, Add</i>	226.63	
08 13 13	13-0078	EA	2'-10" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,046.16	67.15
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	364.74	
			<i>For Galvanized Steel Door, Add</i>	182.37	
			<i>For Type 304 Stainless Steel Door, Add</i>	729.48	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,185.41	
			<i>For Embossed Panel Door, Add</i>	218.84	
			<i>For Baked Enamel Finish, Add</i>	293.70	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-55.67	
			<i>For >100, Deduct</i>	-81.82	
			<i>For 2" Thick Door, Add</i>	69.47	
			<i>For Polystyrene Core, Add</i>	91.19	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	227.96	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	113.98	
			<i>For Steel Stiffened, Add</i>	227.96	
08 13 13	13-0079	EA	3' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,054.32	68.58
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	366.86	
			<i>For Galvanized Steel Door, Add</i>	183.43	
			<i>For Type 304 Stainless Steel Door, Add</i>	733.73	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,192.31	
			<i>For Embossed Panel Door, Add</i>	220.12	
			<i>For Baked Enamel Finish, Add</i>	295.72	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-56.15	
			<i>For >100, Deduct</i>	-82.50	
			<i>For 2" Thick Door, Add</i>	69.92	
			<i>For Polystyrene Core, Add</i>	91.72	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	229.29	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	114.65	
			<i>For Steel Stiffened, Add</i>	229.29	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0080	EA		3'-4" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door 1,123.64		68.58
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	394.59	
				<i>For Galvanized Steel Door, Add</i>	197.30	
				<i>For Type 304 Stainless Steel Door, Add</i>	789.18	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,282.42	
				<i>For Embossed Panel Door, Add</i>	236.76	
				<i>For Baked Enamel Finish, Add</i>	316.52	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-59.61	
				<i>For >100, Deduct</i>	-87.70	
				<i>For 2" Thick Door, Add</i>	74.95	
				<i>For Polystyrene Core, Add</i>	98.65	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	246.62	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	123.31	
				<i>For Steel Stiffened, Add</i>	246.62	
08 13 13	13-0081	EA		3'-6" x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door 1,156.02		71.44
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	405.26	
				<i>For Galvanized Steel Door, Add</i>	202.63	
				<i>For Type 304 Stainless Steel Door, Add</i>	810.51	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,317.08	
				<i>For Embossed Panel Door, Add</i>	243.15	
				<i>For Baked Enamel Finish, Add</i>	325.37	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-61.37	
				<i>For >100, Deduct</i>	-90.27	
				<i>For 2" Thick Door, Add</i>	77.02	
				<i>For Polystyrene Core, Add</i>	101.31	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	253.29	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	126.64	
				<i>For Steel Stiffened, Add</i>	253.29	
08 13 13	13-0082	EA		4' x 6'-8" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door 1,274.11		77.16
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	447.92	
				<i>For Galvanized Steel Door, Add</i>	223.96	
				<i>For Type 304 Stainless Steel Door, Add</i>	895.83	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,455.73	
				<i>For Embossed Panel Door, Add</i>	268.75	
				<i>For Baked Enamel Finish, Add</i>	359.09	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-67.56	
				<i>For >100, Deduct</i>	-99.42	
				<i>For 2" Thick Door, Add</i>	85.04	
				<i>For Polystyrene Core, Add</i>	111.98	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	279.95	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	139.97	
				<i>For Steel Stiffened, Add</i>	279.95	
08 13 13	13-0083			7' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)		
08 13 13	13-0084	EA		2' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door 1,021.78		62.87
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	358.42	
				<i>For Galvanized Steel Door, Add</i>	179.21	
				<i>For Type 304 Stainless Steel Door, Add</i>	716.83	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,164.85	
				<i>For Embossed Panel Door, Add</i>	215.05	
				<i>For Baked Enamel Finish, Add</i>	287.67	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-54.23	
				<i>For >100, Deduct</i>	-79.78	
				<i>For 2" Thick Door, Add</i>	68.11	
				<i>For Polystyrene Core, Add</i>	89.60	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	224.01	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	112.01	
				<i>For Steel Stiffened, Add</i>	224.01	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 13 13 13-0085	EA 2'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,021.78	62.87
	For 14 Gauge, Level 4 Maximum Duty, Add	358.42	
	For Galvanized Steel Door, Add	179.21	
	For Type 304 Stainless Steel Door, Add	716.83	
	For Type 316 Stainless Steel Door, Add	1,164.85	
	For Embossed Panel Door, Add	215.05	
	For Baked Enamel Finish, Add	287.67	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-54.23	
	For >100, Deduct	-79.78	
	For 2" Thick Door, Add	68.11	
	For Polystyrene Core, Add	89.60	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	224.01	
	For Continuously Welded And Filled Vertical Edge Seam, Add	112.01	
	For Steel Stiffened, Add	224.01	
08 13 13 13-0086	EA 2'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,045.81	65.72
	For 14 Gauge, Level 4 Maximum Duty, Add	365.74	
	For Galvanized Steel Door, Add	182.87	
	For Type 304 Stainless Steel Door, Add	731.49	
	For Type 316 Stainless Steel Door, Add	1,188.67	
	For Embossed Panel Door, Add	219.45	
	For Baked Enamel Finish, Add	294.03	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-55.58	
	For >100, Deduct	-81.72	
	For 2" Thick Door, Add	69.58	
	For Polystyrene Core, Add	91.44	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	228.59	
	For Continuously Welded And Filled Vertical Edge Seam, Add	114.30	
	For Steel Stiffened, Add	228.59	
08 13 13 13-0087	EA 2'-8" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,059.46	65.72
	For 14 Gauge, Level 4 Maximum Duty, Add	371.20	
	For Galvanized Steel Door, Add	185.60	
	For Type 304 Stainless Steel Door, Add	742.41	
	For Type 316 Stainless Steel Door, Add	1,206.41	
	For Embossed Panel Door, Add	222.72	
	For Baked Enamel Finish, Add	298.12	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-56.26	
	For >100, Deduct	-82.75	
	For 2" Thick Door, Add	70.57	
	For Polystyrene Core, Add	92.80	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	232.00	
	For Continuously Welded And Filled Vertical Edge Seam, Add	116.00	
	For Steel Stiffened, Add	232.00	
08 13 13 13-0088	EA 2'-10" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,067.78	67.15
	For 14 Gauge, Level 4 Maximum Duty, Add	373.39	
	For Galvanized Steel Door, Add	186.69	
	For Type 304 Stainless Steel Door, Add	746.78	
	For Type 316 Stainless Steel Door, Add	1,213.51	
	For Embossed Panel Door, Add	224.03	
	For Baked Enamel Finish, Add	300.19	
	For 20 Minute Fire Rated Door, Add	27.63	
	For 45 Minute Fire Rated Door, Add	41.40	
	For 60 Minute Fire Rated Door, Add	55.27	
	For 90 Minute Fire Rated Door, Add	93.38	
	For 3 Hour Fire Rated Door, Add	131.50	
	For >50 To 100, Deduct	-56.75	
	For >100, Deduct	-83.44	
	For 2" Thick Door, Add	71.03	
	For Polystyrene Core, Add	93.35	
	For Mineral Core, 250 Degree Maximum Temperature Rise, Add	233.37	
	For Continuously Welded And Filled Vertical Edge Seam, Add	116.68	
	For Steel Stiffened, Add	233.37	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13 13-0089	EA			3' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For 14 Gauge, Level 4 Maximum Duty, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	1,076.08 375.57 187.78 751.14 1,220.60 225.34 302.25 27.63 41.40 55.27 93.38 131.50 -57.23 -84.14 71.50 93.89 234.73 117.37 234.73	68.58
08 13 13 13-0090	EA			3'-4" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For 14 Gauge, Level 4 Maximum Duty, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	1,147.05 403.96 201.98 807.91 1,312.86 242.37 323.54 27.63 41.40 55.27 93.38 131.50 -60.78 -89.46 76.65 100.99 252.47 126.24 252.47	68.58
08 13 13 13-0091	EA			3'-6" x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For 14 Gauge, Level 4 Maximum Duty, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	1,180.07 414.88 207.44 829.75 1,348.35 248.93 332.59 27.63 41.40 55.27 93.38 131.50 -62.58 -92.08 78.77 103.72 259.30 129.65 259.30	71.44
08 13 13 13-0092	EA			4' x 7' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door <i>For 14 Gauge, Level 4 Maximum Duty, Add</i> <i>For Galvanized Steel Door, Add</i> <i>For Type 304 Stainless Steel Door, Add</i> <i>For Type 316 Stainless Steel Door, Add</i> <i>For Embossed Panel Door, Add</i> <i>For Baked Enamel Finish, Add</i> <i>For 20 Minute Fire Rated Door, Add</i> <i>For 45 Minute Fire Rated Door, Add</i> <i>For 60 Minute Fire Rated Door, Add</i> <i>For 90 Minute Fire Rated Door, Add</i> <i>For 3 Hour Fire Rated Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 2" Thick Door, Add</i> <i>For Polystyrene Core, Add</i> <i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i> <i>For Continuously Welded And Filled Vertical Edge Seam, Add</i> <i>For Steel Stiffened, Add</i>	1,300.68 458.54 229.27 917.09 1,490.27 275.13 367.06 27.63 41.40 55.27 93.38 131.50 -68.89 -101.41 86.97 114.64 286.59 143.30 286.59	77.16

08 13 13 13-0093 7'-2" High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors (08 13 13 13-0072)

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 13 13 13-0094	EA		2' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,042.55	62.87
			For 14 Gauge, Level 4 Maximum Duty, Add	366.72	
			For Galvanized Steel Door, Add	183.36	
			For Type 304 Stainless Steel Door, Add	733.45	
			For Type 316 Stainless Steel Door, Add	1,191.85	
			For Embossed Panel Door, Add	220.03	
			For Baked Enamel Finish, Add	293.90	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-55.27	
			For >100, Deduct	-81.33	
			For 2" Thick Door, Add	69.61	
			For Polystyrene Core, Add	91.68	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	229.20	
			For Continuously Welded And Filled Vertical Edge Seam, Add	114.60	
			For Steel Stiffened, Add	229.20	
08 13 13 13-0095	EA		2'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,042.55	62.87
			For 14 Gauge, Level 4 Maximum Duty, Add	366.72	
			For Galvanized Steel Door, Add	183.36	
			For Type 304 Stainless Steel Door, Add	733.45	
			For Type 316 Stainless Steel Door, Add	1,191.85	
			For Embossed Panel Door, Add	220.03	
			For Baked Enamel Finish, Add	293.90	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-55.27	
			For >100, Deduct	-81.33	
			For 2" Thick Door, Add	69.61	
			For Polystyrene Core, Add	91.68	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	229.20	
			For Continuously Welded And Filled Vertical Edge Seam, Add	114.60	
			For Steel Stiffened, Add	229.20	
08 13 13 13-0096	EA		2'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,067.01	65.72
			For 14 Gauge, Level 4 Maximum Duty, Add	374.22	
			For Galvanized Steel Door, Add	187.11	
			For Type 304 Stainless Steel Door, Add	748.45	
			For Type 316 Stainless Steel Door, Add	1,216.23	
			For Embossed Panel Door, Add	224.53	
			For Baked Enamel Finish, Add	300.39	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-56.64	
			For >100, Deduct	-83.31	
			For 2" Thick Door, Add	71.11	
			For Polystyrene Core, Add	93.56	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	233.89	
			For Continuously Welded And Filled Vertical Edge Seam, Add	116.95	
			For Steel Stiffened, Add	233.89	
08 13 13 13-0097	EA		2'-8" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,080.97	65.72
			For 14 Gauge, Level 4 Maximum Duty, Add	379.81	
			For Galvanized Steel Door, Add	189.90	
			For Type 304 Stainless Steel Door, Add	759.62	
			For Type 316 Stainless Steel Door, Add	1,234.38	
			For Embossed Panel Door, Add	227.88	
			For Baked Enamel Finish, Add	304.57	
			For 20 Minute Fire Rated Door, Add	27.63	
			For 45 Minute Fire Rated Door, Add	41.40	
			For 60 Minute Fire Rated Door, Add	55.27	
			For 90 Minute Fire Rated Door, Add	93.38	
			For 3 Hour Fire Rated Door, Add	131.50	
			For >50 To 100, Deduct	-57.33	
			For >100, Deduct	-84.36	
			For 2" Thick Door, Add	72.13	
			For Polystyrene Core, Add	94.95	
			For Mineral Core, 250 Degree Maximum Temperature Rise, Add	237.38	
			For Continuously Welded And Filled Vertical Edge Seam, Add	118.69	
			For Steel Stiffened, Add	237.38	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0098	EA		2'-10" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,089.43	67.15
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	382.05	
				<i>For Galvanized Steel Door, Add</i>	191.02	
				<i>For Type 304 Stainless Steel Door, Add</i>	764.10	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,241.66	
				<i>For Embossed Panel Door, Add</i>	229.23	
				<i>For Baked Enamel Finish, Add</i>	306.68	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-57.83	
				<i>For >100, Deduct</i>	-85.07	
				<i>For 2" Thick Door, Add</i>	72.60	
				<i>For Polystyrene Core, Add</i>	95.51	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	238.78	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	119.39	
				<i>For Steel Stiffened, Add</i>	238.78	
08 13 13	13-0099	EA		3' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,097.85	68.58
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	384.28	
				<i>For Galvanized Steel Door, Add</i>	192.14	
				<i>For Type 304 Stainless Steel Door, Add</i>	768.55	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,248.90	
				<i>For Embossed Panel Door, Add</i>	230.57	
				<i>For Baked Enamel Finish, Add</i>	308.78	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-58.32	
				<i>For >100, Deduct</i>	-85.77	
				<i>For 2" Thick Door, Add</i>	73.08	
				<i>For Polystyrene Core, Add</i>	96.07	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	240.17	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	120.09	
				<i>For Steel Stiffened, Add</i>	240.17	
08 13 13	13-0100	EA		3'-4" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,170.47	68.58
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	413.32	
				<i>For Galvanized Steel Door, Add</i>	206.66	
				<i>For Type 304 Stainless Steel Door, Add</i>	826.65	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,343.30	
				<i>For Embossed Panel Door, Add</i>	247.99	
				<i>For Baked Enamel Finish, Add</i>	330.57	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-61.95	
				<i>For >100, Deduct</i>	-91.21	
				<i>For 2" Thick Door, Add</i>	78.34	
				<i>For Polystyrene Core, Add</i>	103.33	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	258.33	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	129.16	
				<i>For Steel Stiffened, Add</i>	258.33	
08 13 13	13-0101	EA		3'-6" x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,204.11	71.44
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	424.49	
				<i>For Galvanized Steel Door, Add</i>	212.25	
				<i>For Type 304 Stainless Steel Door, Add</i>	848.98	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,379.60	
				<i>For Embossed Panel Door, Add</i>	254.70	
				<i>For Baked Enamel Finish, Add</i>	339.80	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-63.78	
				<i>For >100, Deduct</i>	-93.88	
				<i>For 2" Thick Door, Add</i>	80.51	
				<i>For Polystyrene Core, Add</i>	106.12	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	265.31	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	132.65	
				<i>For Steel Stiffened, Add</i>	265.31	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 13 13 13-0102	EA	4' x 7'-2" x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,327.26	77.16
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	469.18	
		<i>For Galvanized Steel Door, Add</i>	234.59	
		<i>For Type 304 Stainless Steel Door, Add</i>	938.35	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,524.82	
		<i>For Embossed Panel Door, Add</i>	281.51	
		<i>For Baked Enamel Finish, Add</i>	375.03	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-70.22	
		<i>For >100, Deduct</i>	-103.40	
		<i>For 2" Thick Door, Add</i>	88.90	
		<i>For Polystyrene Core, Add</i>	117.29	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	293.24	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	146.62	
		<i>For Steel Stiffened, Add</i>	293.24	
08 13 13 13-0103		8' High, 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Doors <small>(08 13 13 13-0072)</small>		
08 13 13 13-0104	EA	2' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,213.90	62.87
		<i>For Up To 1' Extra Height, Add</i>	301.09	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	435.26	
		<i>For Galvanized Steel Door, Add</i>	217.63	
		<i>For Type 304 Stainless Steel Door, Add</i>	870.53	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,414.61	
		<i>For Embossed Panel Door, Add</i>	261.16	
		<i>For Baked Enamel Finish, Add</i>	345.31	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-63.84	
		<i>For >100, Deduct</i>	-94.19	
		<i>For 2" Thick Door, Add</i>	82.04	
		<i>For Polystyrene Core, Add</i>	108.82	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	272.04	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	136.02	
		<i>For Steel Stiffened, Add</i>	272.04	
08 13 13 13-0105	EA	2'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,213.90	62.87
		<i>For Up To 1' Extra Height, Add</i>	301.09	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	435.26	
		<i>For Galvanized Steel Door, Add</i>	217.63	
		<i>For Type 304 Stainless Steel Door, Add</i>	870.53	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,414.61	
		<i>For Embossed Panel Door, Add</i>	261.16	
		<i>For Baked Enamel Finish, Add</i>	345.31	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-63.84	
		<i>For >100, Deduct</i>	-94.19	
		<i>For 2" Thick Door, Add</i>	82.04	
		<i>For Polystyrene Core, Add</i>	108.82	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	272.04	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	136.02	
		<i>For Steel Stiffened, Add</i>	272.04	
08 13 13 13-0106	EA	2'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,241.86	65.72
		<i>For Up To 1' Extra Height, Add</i>	307.25	
		<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	444.16	
		<i>For Galvanized Steel Door, Add</i>	222.08	
		<i>For Type 304 Stainless Steel Door, Add</i>	888.33	
		<i>For Type 316 Stainless Steel Door, Add</i>	1,443.53	
		<i>For Embossed Panel Door, Add</i>	266.50	
		<i>For Baked Enamel Finish, Add</i>	352.84	
		<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
		<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
		<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
		<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
		<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
		<i>For >50 To 100, Deduct</i>	-65.38	
		<i>For >100, Deduct</i>	-96.43	
		<i>For 2" Thick Door, Add</i>	83.79	
		<i>For Polystyrene Core, Add</i>	111.04	
		<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	277.60	
		<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	138.80	
		<i>For Steel Stiffened, Add</i>	277.60	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 13 13	13-0107	EA	2'-8" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,258.44	65.72
				<i>For Up To 1' Extra Height, Add</i>	311.84	
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	450.80	
				<i>For Galvanized Steel Door, Add</i>	225.40	
				<i>For Type 304 Stainless Steel Door, Add</i>	901.59	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,465.09	
				<i>For Embossed Panel Door, Add</i>	270.48	
				<i>For Baked Enamel Finish, Add</i>	357.81	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-66.21	
				<i>For >100, Deduct</i>	-97.67	
				<i>For 2" Thick Door, Add</i>	84.99	
				<i>For Polystyrene Core, Add</i>	112.70	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	281.75	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	140.87	
				<i>For Steel Stiffened, Add</i>	281.75	
	08 13 13	13-0108	EA	2'-10" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,267.92	67.15
				<i>For Up To 1' Extra Height, Add</i>	313.67	
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	453.44	
				<i>For Galvanized Steel Door, Add</i>	226.72	
				<i>For Type 304 Stainless Steel Door, Add</i>	906.89	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,473.69	
				<i>For Embossed Panel Door, Add</i>	272.07	
				<i>For Baked Enamel Finish, Add</i>	360.23	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-66.75	
				<i>For >100, Deduct</i>	-98.45	
				<i>For 2" Thick Door, Add</i>	85.54	
				<i>For Polystyrene Core, Add</i>	113.36	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	283.40	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	141.70	
				<i>For Steel Stiffened, Add</i>	283.40	
	08 13 13	13-0109	EA	3' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,277.40	68.58
				<i>For Up To 1' Extra Height, Add</i>	315.50	
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	456.10	
				<i>For Galvanized Steel Door, Add</i>	228.05	
				<i>For Type 304 Stainless Steel Door, Add</i>	912.19	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,482.31	
				<i>For Embossed Panel Door, Add</i>	273.66	
				<i>For Baked Enamel Finish, Add</i>	362.65	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-67.30	
				<i>For >100, Deduct</i>	-99.23	
				<i>For 2" Thick Door, Add</i>	86.10	
				<i>For Polystyrene Core, Add</i>	114.02	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	285.06	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	142.53	
				<i>For Steel Stiffened, Add</i>	285.06	
	08 13 13	13-0110	EA	3'-4" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door.....	1,363.58	68.58
				<i>For Up To 1' Extra Height, Add</i>	339.35	
				<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	490.57	
				<i>For Galvanized Steel Door, Add</i>	245.28	
				<i>For Type 304 Stainless Steel Door, Add</i>	981.14	
				<i>For Type 316 Stainless Steel Door, Add</i>	1,594.35	
				<i>For Embossed Panel Door, Add</i>	294.34	
				<i>For Baked Enamel Finish, Add</i>	388.50	
				<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
				<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
				<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
				<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
				<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
				<i>For >50 To 100, Deduct</i>	-71.61	
				<i>For >100, Deduct</i>	-105.70	
				<i>For 2" Thick Door, Add</i>	92.34	
				<i>For Polystyrene Core, Add</i>	122.64	
				<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	306.61	
				<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	153.30	
				<i>For Steel Stiffened, Add</i>	306.61	

08 Openings**08 10 Doors and Frames****08 13 Metal Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 13 13	13-0111	EA	3'-6" x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,402.45	71.44
			<i>For Up To 1' Extra Height, Add</i>	348.52	
			<i>For 1' To 1'-6" Extra Height, Add</i>	664.93	
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	503.83	
			<i>For Galvanized Steel Door, Add</i>	251.91	
			<i>For Type 304 Stainless Steel Door, Add</i>	1,007.66	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,637.44	
			<i>For Embossed Panel Door, Add</i>	302.30	
			<i>For Baked Enamel Finish, Add</i>	399.30	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-73.69	
			<i>For >100, Deduct</i>	-108.76	
			<i>For 2" Thick Door, Add</i>	94.89	
			<i>For Polystyrene Core, Add</i>	125.96	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	314.89	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	157.45	
			<i>For Steel Stiffened, Add</i>	314.89	
08 13 13	13-0112	EA	4' x 8' x 1-3/4", 16 Gauge, Level 3 Extra Heavy Duty, Honeycomb Core, Hollow Metal Door	1,546.47	77.16
			<i>For Up To 1' Extra Height, Add</i>	385.21	
			<i>For 1' To 1'-6" Extra Height, Add</i>	734.92	
			<i>For 14 Gauge, Level 4 Maximum Duty, Add</i>	556.86	
			<i>For Galvanized Steel Door, Add</i>	278.43	
			<i>For Type 304 Stainless Steel Door, Add</i>	1,113.72	
			<i>For Type 316 Stainless Steel Door, Add</i>	1,809.80	
			<i>For Embossed Panel Door, Add</i>	334.12	
			<i>For Baked Enamel Finish, Add</i>	440.79	
			<i>For 20 Minute Fire Rated Door, Add</i>	27.63	
			<i>For 45 Minute Fire Rated Door, Add</i>	41.40	
			<i>For 60 Minute Fire Rated Door, Add</i>	55.27	
			<i>For 90 Minute Fire Rated Door, Add</i>	93.38	
			<i>For 3 Hour Fire Rated Door, Add</i>	131.50	
			<i>For >50 To 100, Deduct</i>	-81.18	
			<i>For >100, Deduct</i>	-119.84	
			<i>For 2" Thick Door, Add</i>	104.79	
			<i>For Polystyrene Core, Add</i>	139.22	
			<i>For Mineral Core, 250 Degree Maximum Temperature Rise, Add</i>	348.04	
			<i>For Continuously Welded And Filled Vertical Edge Seam, Add</i>	174.02	
			<i>For Steel Stiffened, Add</i>	348.04	

08 13 13 53 Custom Hollow Metal Doors (08 13 13)

08 13 13	53-0001		Steel 18 Gauge 1-3/4" Unrated Door (08 13 53)		
08 13 13	53-0002	EA	2'-2" Or 2'-4" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	2,225.64	142.88
			<i>For 16 Gauge Door, Add</i>	20.30	
08 13 13	53-0003	EA	2'-6" x 6'-9" x 1-3/4", 18 Gauge, Unrated, With Semicircular Head, Hollow Metal Door	2,329.65	171.46
			<i>For 16 Gauge Door, Add</i>	20.30	

08 13 73 Sliding Metal Doors (08 13)

08 13 73	00-0001		Sliding Bypass Mirror Doors (08 13 73)		
			Note: Includes 3.0 mm thick, steel frameless safety backed mirrors with anti-jump rollers and guides.		
08 13 73	00-0002	EA	4' x 6' 8", Sliding Bypass Mirror Doors	493.60	85.73
08 13 73	00-0003	EA	5' x 6' 8", Sliding Bypass Mirror Doors	561.06	91.45
08 13 73	00-0004	EA	6' x 6' 8", Sliding Bypass Mirror Doors	628.52	97.16
08 13 73	00-0005	EA	8' x 6' 8", Sliding Bypass Mirror Doors	752.00	102.87

08 14 Wood Doors (08 10)

Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware (unless note states included).
See CSI section 08 05 13 00-0040 for mortise preparation, 08 70 00 00-0000 for finish hardware.

08 14 16 Flush Wood Doors (08 14)

08 14 16	00-0001		1-3/8" Thick, Hollow Core (HC), Wood Doors (08 14 16)		
08 14 16	00-0002		Birch Faced Wood Door (08 14 16 00-0001)		
08 14 16	00-0003	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	240.43	62.87
			<i>For >50 To 100, Deduct</i>	-15.17	
			<i>For >100, Deduct</i>	-21.18	
08 14 16	00-0004	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	240.43	62.87
			<i>For >50 To 100, Deduct</i>	-15.17	
			<i>For >100, Deduct</i>	-21.18	
08 14 16	00-0005	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	254.27	65.72
			<i>For >50 To 100, Deduct</i>	-16.00	
			<i>For >100, Deduct</i>	-22.36	
08 14 16	00-0006	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	260.25	65.72
			<i>For >50 To 100, Deduct</i>	-16.30	
			<i>For >100, Deduct</i>	-22.81	
08 14 16	00-0007	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	261.65	65.72
			<i>For >50 To 100, Deduct</i>	-16.37	
			<i>For >100, Deduct</i>	-22.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0008 EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	268.07 -16.83 -23.53	68.58
08 14 16 00-0009 EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	280.85 -17.47 -24.49	68.58
08 14 16 00-0010 EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	295.77 -18.36 -25.75	71.44
08 14 16 00-0011 EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	247.12 -15.50 -21.68	62.87
08 14 16 00-0012 EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	247.12 -15.50 -21.68	62.87
08 14 16 00-0013 EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	261.43 -16.36 -22.89	65.72
08 14 16 00-0014 EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	267.75 -16.67 -23.37	65.72
08 14 16 00-0015 EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	269.23 -16.75 -23.48	65.72
08 14 16 00-0016 EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	275.68 -17.21 -24.11	68.58
08 14 16 00-0017 EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	289.21 -17.89 -25.12	68.58
08 14 16 00-0018 EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	304.66 -18.81 -26.42	71.44
08 14 16 00-0019 EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	270.78 -16.68 -23.45	62.87
08 14 16 00-0020 EA 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	270.78 -16.68 -23.45 30.46	62.87
08 14 16 00-0021 EA 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	286.78 -17.63 -24.79 32.62	65.72
08 14 16 00-0022 EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	294.32 -18.00 -25.36 34.20	65.72
08 14 16 00-0023 EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	296.10 -18.09 -25.49 34.58	65.72
08 14 16 00-0024 EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	302.69 -18.56 -26.13 34.76	68.58
08 14 16 00-0025 EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	318.86 -19.37 -27.34 38.16	68.58
08 14 16 00-0026 EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	336.20 -20.38 -28.79 40.60	71.44
08 14 16 00-0027 Oak Faced Wood Door <small>(08 14 16 00-0007)</small>		
08 14 16 00-0028 EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	300.32 -18.16 -25.67	62.87
08 14 16 00-0029 EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	300.32 -18.16 -25.67	62.87
08 14 16 00-0030 EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	318.40 -19.21 -27.17	65.72
08 14 16 00-0031 EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	327.50 -19.66 -27.85	65.72
08 14 16 00-0032 EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	329.11 -19.74 -27.97	65.72
08 14 16 00-0033 EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	336.42 -20.25 -28.66	68.58

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0034	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	355.86	68.58
			<i>For >50 To 100, Deduct</i>	-21.22	
			<i>For >100, Deduct</i>	-30.12	
08 14 16 00-0035	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	375.58	71.44
			<i>For >50 To 100, Deduct</i>	-22.35	
			<i>For >100, Deduct</i>	-31.74	
08 14 16 00-0036	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	310.47	62.87
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100, Deduct</i>	-26.43	
08 14 16 00-0037	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	310.47	62.87
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100, Deduct</i>	-26.43	
08 14 16 00-0038	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	329.28	65.72
			<i>For >50 To 100, Deduct</i>	-19.75	
			<i>For >100, Deduct</i>	-27.98	
08 14 16 00-0039	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	338.91	65.72
			<i>For >50 To 100, Deduct</i>	-20.23	
			<i>For >100, Deduct</i>	-28.70	
08 14 16 00-0040	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	340.61	65.72
			<i>For >50 To 100, Deduct</i>	-20.32	
			<i>For >100, Deduct</i>	-28.83	
08 14 16 00-0041	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	348.01	68.58
			<i>For >50 To 100, Deduct</i>	-20.83	
			<i>For >100, Deduct</i>	-29.53	
08 14 16 00-0042	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	368.58	68.58
			<i>For >50 To 100, Deduct</i>	-21.86	
			<i>For >100, Deduct</i>	-31.07	
08 14 16 00-0043	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	389.12	71.44
			<i>For >50 To 100, Deduct</i>	-23.03	
			<i>For >100, Deduct</i>	-32.76	
08 14 16 00-0044	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	346.51	62.87
			<i>For >50 To 100, Deduct</i>	-20.47	
			<i>For >100, Deduct</i>	-29.13	
			<i>For 9' Door Height, Add</i>	46.36	
08 14 16 00-0045	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	346.51	62.87
			<i>For >50 To 100, Deduct</i>	-20.47	
			<i>For >100, Deduct</i>	-29.13	
			<i>For 9' Door Height, Add</i>	46.36	
08 14 16 00-0046	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	367.86	65.72
			<i>For >50 To 100, Deduct</i>	-21.68	
			<i>For >100, Deduct</i>	-30.88	
			<i>For 9' Door Height, Add</i>	49.65	
08 14 16 00-0047	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	379.35	65.72
			<i>For >50 To 100, Deduct</i>	-22.25	
			<i>For >100, Deduct</i>	-31.74	
			<i>For 9' Door Height, Add</i>	52.06	
08 14 16 00-0048	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	381.40	65.72
			<i>For >50 To 100, Deduct</i>	-22.36	
			<i>For >100, Deduct</i>	-31.89	
			<i>For 9' Door Height, Add</i>	52.49	
08 14 16 00-0049	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	389.12	68.58
			<i>For >50 To 100, Deduct</i>	-22.89	
			<i>For >100, Deduct</i>	-32.61	
			<i>For 9' Door Height, Add</i>	52.91	
08 14 16 00-0050	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	413.72	68.58
			<i>For >50 To 100, Deduct</i>	-24.12	
			<i>For >100, Deduct</i>	-34.46	
			<i>For 9' Door Height, Add</i>	58.08	
08 14 16 00-0051	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door.....	437.15	71.44
			<i>For >50 To 100, Deduct</i>	-25.43	
			<i>For >100, Deduct</i>	-36.36	
			<i>For 9' Door Height, Add</i>	61.80	
08 14 16 00-0052			Maple Faced Wood Door <small>(08 14 16 00-0001)</small>		
08 14 16 00-0053	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	295.98	62.87
			<i>For >50 To 100, Deduct</i>	-17.94	
			<i>For >100, Deduct</i>	-25.34	
08 14 16 00-0054	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	295.98	62.87
			<i>For >50 To 100, Deduct</i>	-17.94	
			<i>For >100, Deduct</i>	-25.34	
08 14 16 00-0055	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	313.74	65.72
			<i>For >50 To 100, Deduct</i>	-18.97	
			<i>For >100, Deduct</i>	-26.82	
08 14 16 00-0056	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	322.63	65.72
			<i>For >50 To 100, Deduct</i>	-19.42	
			<i>For >100, Deduct</i>	-27.48	
08 14 16 00-0057	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	324.20	65.72
			<i>For >50 To 100, Deduct</i>	-19.50	
			<i>For >100, Deduct</i>	-27.60	
08 14 16 00-0058	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	331.47	68.58
			<i>For >50 To 100, Deduct</i>	-20.00	
			<i>For >100, Deduct</i>	-28.29	
08 14 16 00-0059	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	350.42	68.58
			<i>For >50 To 100, Deduct</i>	-20.95	
			<i>For >100, Deduct</i>	-29.71	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0060	EA			3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	369.79 -22.06 -31.31	71.44
08 14 16 00-0061	EA			2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	305.87 -18.44 -26.08	62.87
08 14 16 00-0062	EA			2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	305.87 -18.44 -26.08	62.87
08 14 16 00-0063	EA			2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	324.36 -19.50 -27.61	65.72
08 14 16 00-0064	EA			2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	333.75 -19.97 -28.32	65.72
08 14 16 00-0065	EA			2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	335.41 -20.06 -28.44	65.72
08 14 16 00-0066	EA			3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	342.76 -20.57 -29.14	68.58
08 14 16 00-0067	EA			3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	362.82 -21.57 -30.64	68.58
08 14 16 00-0068	EA			3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	383.00 -22.72 -32.30	71.44
08 14 16 00-0069	EA			2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	341.01 -20.19 -28.72	62.87
08 14 16 00-0070	EA			2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	341.01 -20.19 -28.72 45.21	62.87
08 14 16 00-0071	EA			2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	361.97 -21.38 -30.43 48.41	65.72
08 14 16 00-0072	EA			2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	373.18 -21.95 -31.27 50.76	65.72
08 14 16 00-0073	EA			2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	375.18 -22.05 -31.42 51.18	65.72
08 14 16 00-0074	EA			3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	382.85 -22.57 -32.14 51.59	68.58
08 14 16 00-0075	EA			3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	406.85 -23.77 -33.94 56.63	68.58
08 14 16 00-0076	EA			3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	429.83 -25.06 -35.81 60.26	71.44
08 14 16 00-0077				Lauan Faced Wood Doors <small>(08 14 16 00-0001)</small>		
08 14 16 00-0078	EA			2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	212.94 -13.79 -19.11	62.87
08 14 16 00-0079	EA			2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	212.94 -13.79 -19.11	62.87
08 14 16 00-0080	EA			2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	224.56 -14.51 -20.13	65.72
08 14 16 00-0081	EA			2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	229.55 -14.76 -20.50	65.72
08 14 16 00-0082	EA			2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	231.31 -14.85 -20.63	65.72
08 14 16 00-0083	EA			3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	238.78 -15.37 -21.34	68.58
08 14 16 00-0084	EA			3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	248.49 -15.85 -22.07	68.58
08 14 16 00-0085	EA			3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	261.35 -16.64 -23.17	71.44

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 16 00-0086	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	218.01		62.87
		<i>For >50 To 100, Deduct</i>	-14.04		
		<i>For >100, Deduct</i>	-19.49		
08 14 16 00-0087	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	216.48		62.87
		<i>For >50 To 100, Deduct</i>	-13.97		
		<i>For >100, Deduct</i>	-19.38		
08 14 16 00-0088	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	229.98		65.72
		<i>For >50 To 100, Deduct</i>	-14.79		
		<i>For >100, Deduct</i>	-20.53		
08 14 16 00-0089	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	235.25		65.72
		<i>For >50 To 100, Deduct</i>	-15.05		
		<i>For >100, Deduct</i>	-20.93		
08 14 16 00-0090	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	235.38		65.72
		<i>For >50 To 100, Deduct</i>	-15.06		
		<i>For >100, Deduct</i>	-20.94		
08 14 16 00-0091	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	244.69		68.58
		<i>For >50 To 100, Deduct</i>	-15.66		
		<i>For >100, Deduct</i>	-21.78		
08 14 16 00-0092	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	254.97		68.58
		<i>For >50 To 100, Deduct</i>	-16.18		
		<i>For >100, Deduct</i>	-22.55		
08 14 16 00-0093	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	266.17		71.44
		<i>For >50 To 100, Deduct</i>	-16.88		
		<i>For >100, Deduct</i>	-23.53		
08 14 16 00-0094	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	236.01		62.87
		<i>For >50 To 100, Deduct</i>	-14.94		
		<i>For >100, Deduct</i>	-20.84		
		<i>For 9' Door Height, Add</i>	23.16		
08 14 16 00-0095	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	235.99		62.87
		<i>For >50 To 100, Deduct</i>	-14.94		
		<i>For >100, Deduct</i>	-20.84		
		<i>For 9' Door Height, Add</i>	23.15		
08 14 16 00-0096	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	249.19		65.72
		<i>For >50 To 100, Deduct</i>	-15.75		
		<i>For >100, Deduct</i>	-21.98		
		<i>For 9' Door Height, Add</i>	24.73		
08 14 16 00-0097	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	255.49		65.72
		<i>For >50 To 100, Deduct</i>	-16.06		
		<i>For >100, Deduct</i>	-22.45		
		<i>For 9' Door Height, Add</i>	26.05		
08 14 16 00-0098	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	257.73		65.72
		<i>For >50 To 100, Deduct</i>	-16.17		
		<i>For >100, Deduct</i>	-22.62		
		<i>For 9' Door Height, Add</i>	26.52		
08 14 16 00-0099	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	265.66		68.58
		<i>For >50 To 100, Deduct</i>	-16.71		
		<i>For >100, Deduct</i>	-23.35		
		<i>For 9' Door Height, Add</i>	26.99		
08 14 16 00-0100	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	277.95		68.58
		<i>For >50 To 100, Deduct</i>	-17.33		
		<i>For >100, Deduct</i>	-24.28		
		<i>For 9' Door Height, Add</i>	29.57		
08 14 16 00-0101	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	292.66		71.44
		<i>For >50 To 100, Deduct</i>	-18.21		
		<i>For >100, Deduct</i>	-25.52		
		<i>For 9' Door Height, Add</i>	31.45		
08 14 16 00-0102		Medium Density Overlay (MDO) Faced Wood Doors <small>(08 14 16 00-0001)</small>			
08 14 16 00-0103	EA	2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	228.49		62.87
		<i>For >50 To 100, Deduct</i>	-14.57		
		<i>For >100, Deduct</i>	-20.28		
08 14 16 00-0104	EA	2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	228.49		62.87
		<i>For >50 To 100, Deduct</i>	-14.57		
		<i>For >100, Deduct</i>	-20.28		
08 14 16 00-0105	EA	2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	241.70		65.72
		<i>For >50 To 100, Deduct</i>	-15.37		
		<i>For >100, Deduct</i>	-21.41		
08 14 16 00-0106	EA	2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	245.24		65.72
		<i>For >50 To 100, Deduct</i>	-15.55		
		<i>For >100, Deduct</i>	-21.68		
08 14 16 00-0107	EA	2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	248.81		65.72
		<i>For >50 To 100, Deduct</i>	-15.73		
		<i>For >100, Deduct</i>	-21.95		
08 14 16 00-0108	EA	3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	258.06		68.58
		<i>For >50 To 100, Deduct</i>	-16.33		
		<i>For >100, Deduct</i>	-22.78		
08 14 16 00-0109	EA	3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	271.36		68.58
		<i>For >50 To 100, Deduct</i>	-17.00		
		<i>For >100, Deduct</i>	-23.78		
08 14 16 00-0110	EA	3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	285.66		71.44
		<i>For >50 To 100, Deduct</i>	-17.86		
		<i>For >100, Deduct</i>	-25.00		
08 14 16 00-0111	EA	2'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	234.47		62.87
		<i>For >50 To 100, Deduct</i>	-14.87		
		<i>For >100, Deduct</i>	-20.73		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0112 EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	234.47	62.87
For >50 To 100, Deduct	-14.87	
For >100, Deduct	-20.73	
08 14 16 00-0113 EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	248.10	65.72
For >50 To 100, Deduct	-15.69	
For >100, Deduct	-21.89	
08 14 16 00-0114 EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	251.87	65.72
For >50 To 100, Deduct	-15.88	
For >100, Deduct	-22.18	
08 14 16 00-0115 EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	255.64	65.72
For >50 To 100, Deduct	-16.07	
For >100, Deduct	-22.46	
08 14 16 00-0116 EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	265.10	68.58
For >50 To 100, Deduct	-16.68	
For >100, Deduct	-23.31	
08 14 16 00-0117 EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	279.17	68.58
For >50 To 100, Deduct	-17.39	
For >100, Deduct	-24.37	
08 14 16 00-0118 EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	293.97	71.44
For >50 To 100, Deduct	-18.27	
For >100, Deduct	-25.62	
08 14 16 00-0119 EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	255.65	62.87
For >50 To 100, Deduct	-15.93	
For >100, Deduct	-22.32	
For 9' Door Height, Add	27.28	
08 14 16 00-0120 EA 2'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	255.68	62.87
For >50 To 100, Deduct	-15.93	
For >100, Deduct	-22.32	
For 9' Door Height, Add	27.29	
08 14 16 00-0121 EA 2'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	270.85	65.72
For >50 To 100, Deduct	-16.83	
For >100, Deduct	-23.60	
For 9' Door Height, Add	29.27	
08 14 16 00-0122 EA 2'-8" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	275.36	65.72
For >50 To 100, Deduct	-17.05	
For >100, Deduct	-23.94	
For 9' Door Height, Add	30.22	
08 14 16 00-0123 EA 2'-10" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	279.87	65.72
For >50 To 100, Deduct	-17.28	
For >100, Deduct	-24.28	
For 9' Door Height, Add	31.17	
08 14 16 00-0124 EA 3'-0" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	290.06	68.58
For >50 To 100, Deduct	-17.93	
For >100, Deduct	-25.18	
For 9' Door Height, Add	32.11	
08 14 16 00-0125 EA 3'-4" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	306.88	68.58
For >50 To 100, Deduct	-18.77	
For >100, Deduct	-26.45	
For 9' Door Height, Add	35.64	
08 14 16 00-0126 EA 3'-6" x 8' x 1-3/8" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	323.44	71.44
For >50 To 100, Deduct	-19.74	
For >100, Deduct	-27.83	
For 9' Door Height, Add	37.92	
08 14 16 00-0127 1-3/4" Thick, Hollow Core (HC), Wood Doors (08 14 16)		
08 14 16 00-0128 Birch Faced Wood Doors (08 14 16 00-0127)		
08 14 16 00-0129 EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	269.10	62.87
For >50 To 100, Deduct	-16.60	
For >100, Deduct	-23.33	
08 14 16 00-0130 EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	269.10	62.87
For >50 To 100, Deduct	-16.60	
For >100, Deduct	-23.33	
08 14 16 00-0131 EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	280.21	65.72
For >50 To 100, Deduct	-17.30	
For >100, Deduct	-24.30	
08 14 16 00-0132 EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	282.23	65.72
For >50 To 100, Deduct	-17.40	
For >100, Deduct	-24.45	
08 14 16 00-0133 EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	286.64	65.72
For >50 To 100, Deduct	-17.62	
For >100, Deduct	-24.78	
08 14 16 00-0134 EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	296.76	68.58
For >50 To 100, Deduct	-18.27	
For >100, Deduct	-25.69	
08 14 16 00-0135 EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	320.16	68.58
For >50 To 100, Deduct	-19.44	
For >100, Deduct	-27.44	
08 14 16 00-0136 EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	373.37	71.44
For >50 To 100, Deduct	-22.24	
For >100, Deduct	-31.57	
08 14 16 00-0137 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door.....	384.90	71.44
For >50 To 100, Deduct	-22.82	
For >100, Deduct	-32.44	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 16 00-0138	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	407.95		71.44
		<i>For >50 To 100, Deduct</i>	-23.97		
		<i>For >100, Deduct</i>	-34.17		
08 14 16 00-0139	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	277.45		62.87
		<i>For >50 To 100, Deduct</i>	-17.02		
		<i>For >100, Deduct</i>	-23.95		
08 14 16 00-0140	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	277.44		62.87
		<i>For >50 To 100, Deduct</i>	-17.02		
		<i>For >100, Deduct</i>	-23.95		
08 14 16 00-0141	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	288.87		65.72
		<i>For >50 To 100, Deduct</i>	-17.73		
		<i>For >100, Deduct</i>	-24.95		
08 14 16 00-0142	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	291.00		65.72
		<i>For >50 To 100, Deduct</i>	-17.84		
		<i>For >100, Deduct</i>	-25.11		
08 14 16 00-0143	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	295.67		65.72
		<i>For >50 To 100, Deduct</i>	-18.07		
		<i>For >100, Deduct</i>	-25.46		
08 14 16 00-0144	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	306.04		68.58
		<i>For >50 To 100, Deduct</i>	-18.73		
		<i>For >100, Deduct</i>	-26.38		
08 14 16 00-0145	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	330.81		68.58
		<i>For >50 To 100, Deduct</i>	-19.97		
		<i>For >100, Deduct</i>	-28.24		
08 14 16 00-0146	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	386.80		71.44
		<i>For >50 To 100, Deduct</i>	-22.91		
		<i>For >100, Deduct</i>	-32.58		
08 14 16 00-0147	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	398.98		71.44
		<i>For >50 To 100, Deduct</i>	-23.52		
		<i>For >100, Deduct</i>	-33.50		
08 14 16 00-0148	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	423.38		71.44
		<i>For >50 To 100, Deduct</i>	-24.74		
		<i>For >100, Deduct</i>	-35.33		
08 14 16 00-0149	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.03		62.87
		<i>For >50 To 100, Deduct</i>	-18.50		
		<i>For >100, Deduct</i>	-26.17		
		<i>For 9' Door Height, Add</i>	38.07		
08 14 16 00-0150	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	307.03		62.87
		<i>For >50 To 100, Deduct</i>	-18.50		
		<i>For >100, Deduct</i>	-26.17		
		<i>For 9' Door Height, Add</i>	38.07		
08 14 16 00-0151	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	319.57		65.72
		<i>For >50 To 100, Deduct</i>	-19.26		
		<i>For >100, Deduct</i>	-27.25		
		<i>For 9' Door Height, Add</i>	39.51		
08 14 16 00-0152	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	322.11		65.72
		<i>For >50 To 100, Deduct</i>	-19.39		
		<i>For >100, Deduct</i>	-27.44		
		<i>For 9' Door Height, Add</i>	40.04		
08 14 16 00-0153	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	327.71		65.72
		<i>For >50 To 100, Deduct</i>	-19.67		
		<i>For >100, Deduct</i>	-27.86		
		<i>For 9' Door Height, Add</i>	41.21		
08 14 16 00-0154	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	338.96		68.58
		<i>For >50 To 100, Deduct</i>	-20.38		
		<i>For >100, Deduct</i>	-28.85		
		<i>For 9' Door Height, Add</i>	42.38		
08 14 16 00-0155	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	368.58		68.58
		<i>For >50 To 100, Deduct</i>	-21.86		
		<i>For >100, Deduct</i>	-31.07		
		<i>For 9' Door Height, Add</i>	48.60		
08 14 16 00-0156	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	434.36		71.44
		<i>For >50 To 100, Deduct</i>	-25.29		
		<i>For >100, Deduct</i>	-36.15		
		<i>For 9' Door Height, Add</i>	61.21		
08 14 16 00-0157	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	448.92		71.44
		<i>For >50 To 100, Deduct</i>	-26.02		
		<i>For >100, Deduct</i>	-37.24		
		<i>For 9' Door Height, Add</i>	64.27		
08 14 16 00-0158	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Birch Faced Wood Door	478.08		71.44
		<i>For >50 To 100, Deduct</i>	-27.48		
		<i>For >100, Deduct</i>	-39.43		
		<i>For 9' Door Height, Add</i>	70.39		
08 14 16 00-0159		Oak Faced Wood Doors <small>(08 14 16 00-0127)</small>			
08 14 16 00-0160	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	357.89		62.87
		<i>For >50 To 100, Deduct</i>	-21.04		
		<i>For >100, Deduct</i>	-29.99		
08 14 16 00-0161	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	357.89		62.87
		<i>For >50 To 100, Deduct</i>	-21.04		
		<i>For >100, Deduct</i>	-29.99		
08 14 16 00-0162	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	372.32		65.72
		<i>For >50 To 100, Deduct</i>	-21.90		
		<i>For >100, Deduct</i>	-31.21		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0163	EA			2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	375.59 -22.07 -31.46	65.72
08 14 16 00-0164	EA			2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	382.74 -22.42 -31.99	65.72
08 14 16 00-0165	EA			3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	395.57 -23.21 -33.10	68.58
08 14 16 00-0166	EA			3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	433.47 -25.10 -35.94	68.58
08 14 16 00-0167	EA			3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	516.11 -29.38 -42.28	71.44
08 14 16 00-0168	EA			3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	534.78 -30.31 -43.68	71.44
08 14 16 00-0169	EA			4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	572.13 -32.18 -46.48	71.44
08 14 16 00-0170	EA			2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	371.39 -21.71 -31.00	62.87
08 14 16 00-0171	EA			2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	371.40 -21.71 -31.00	62.87
08 14 16 00-0172	EA			2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	386.34 -22.60 -32.26	65.72
08 14 16 00-0173	EA			2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	389.80 -22.78 -32.52	65.72
08 14 16 00-0174	EA			2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	397.36 -23.15 -33.09	65.72
08 14 16 00-0175	EA			3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	410.61 -23.96 -34.22	68.58
08 14 16 00-0176	EA			3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	450.72 -25.97 -37.23	68.58
08 14 16 00-0177	EA			3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	537.83 -30.46 -43.91	71.44
08 14 16 00-0178	EA			3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	557.60 -31.45 -45.39	71.44
08 14 16 00-0179	EA			4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	597.11 -33.43 -48.36	71.44
08 14 16 00-0180	EA			2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	419.28 -24.11 -34.59 61.64	62.87
08 14 16 00-0181	EA			2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	419.31 -24.11 -34.59 61.65	62.87
08 14 16 00-0182	EA			2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	436.05 -25.09 -35.99 63.97	65.72
08 14 16 00-0183	EA			2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	440.16 -25.29 -36.30 64.83	65.72
08 14 16 00-0184	EA			2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	449.21 -25.75 -36.98 66.73	65.72
08 14 16 00-0185	EA			3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	463.94 -26.63 -38.22 68.62	68.58
08 14 16 00-0186	EA			3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	511.88 -29.02 -41.82 78.69	68.58
08 14 16 00-0187	EA			3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	614.85 -34.31 -49.69 99.11	71.44
08 14 16 00-0188	EA			3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	638.49 -35.50 -51.46 104.08	71.44

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 16 00-0189	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Oak Faced Wood Door	685.70		71.44
		<i>For >50 To 100, Deduct</i>	-37.86		
		<i>For >100, Deduct</i>	-55.00		
		<i>For 9' Door Height, Add</i>	113.99		
08 14 16 00-0190		Maple Faced Wood Doors <small>(08 14 16 00-0127)</small>			
08 14 16 00-0191	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	352.11		62.87
		<i>For >50 To 100, Deduct</i>	-20.75		
		<i>For >100, Deduct</i>	-29.55		
08 14 16 00-0192	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	352.11		62.87
		<i>For >50 To 100, Deduct</i>	-20.75		
		<i>For >100, Deduct</i>	-29.55		
08 14 16 00-0193	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	366.33		65.72
		<i>For >50 To 100, Deduct</i>	-21.60		
		<i>For >100, Deduct</i>	-30.76		
08 14 16 00-0194	EA	2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	369.65		65.72
		<i>For >50 To 100, Deduct</i>	-21.77		
		<i>For >100, Deduct</i>	-31.01		
08 14 16 00-0195	EA	2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	376.55		65.72
		<i>For >50 To 100, Deduct</i>	-22.11		
		<i>For >100, Deduct</i>	-31.53		
08 14 16 00-0196	EA	3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	389.14		68.58
		<i>For >50 To 100, Deduct</i>	-22.89		
		<i>For >100, Deduct</i>	-32.61		
08 14 16 00-0197	EA	3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	426.10		68.58
		<i>For >50 To 100, Deduct</i>	-24.73		
		<i>For >100, Deduct</i>	-35.39		
08 14 16 00-0198	EA	3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	488.73		71.44
		<i>For >50 To 100, Deduct</i>	-28.01		
		<i>For >100, Deduct</i>	-40.23		
08 14 16 00-0199	EA	3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	525.03		71.44
		<i>For >50 To 100, Deduct</i>	-29.82		
		<i>For >100, Deduct</i>	-42.95		
08 14 16 00-0200	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	561.45		71.44
		<i>For >50 To 100, Deduct</i>	-31.64		
		<i>For >100, Deduct</i>	-45.68		
08 14 16 00-0201	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.29		62.87
		<i>For >50 To 100, Deduct</i>	-21.41		
		<i>For >100, Deduct</i>	-30.54		
08 14 16 00-0202	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	365.29		62.87
		<i>For >50 To 100, Deduct</i>	-21.41		
		<i>For >100, Deduct</i>	-30.54		
08 14 16 00-0203	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	379.99		65.72
		<i>For >50 To 100, Deduct</i>	-22.29		
		<i>For >100, Deduct</i>	-31.79		
08 14 16 00-0204	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	383.52		65.72
		<i>For >50 To 100, Deduct</i>	-22.46		
		<i>For >100, Deduct</i>	-32.05		
08 14 16 00-0205	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	390.80		65.72
		<i>For >50 To 100, Deduct</i>	-22.83		
		<i>For >100, Deduct</i>	-32.60		
08 14 16 00-0206	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	403.79		68.58
		<i>For >50 To 100, Deduct</i>	-23.62		
		<i>For >100, Deduct</i>	-33.71		
08 14 16 00-0207	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	442.91		68.58
		<i>For >50 To 100, Deduct</i>	-25.57		
		<i>For >100, Deduct</i>	-36.65		
08 14 16 00-0208	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	508.76		71.44
		<i>For >50 To 100, Deduct</i>	-29.01		
		<i>For >100, Deduct</i>	-41.73		
08 14 16 00-0209	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	547.29		71.44
		<i>For >50 To 100, Deduct</i>	-30.94		
		<i>For >100, Deduct</i>	-44.62		
08 14 16 00-0210	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	585.80		71.44
		<i>For >50 To 100, Deduct</i>	-32.86		
		<i>For >100, Deduct</i>	-47.51		
08 14 16 00-0211	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	412.00		62.87
		<i>For >50 To 100, Deduct</i>	-23.74		
		<i>For >100, Deduct</i>	-34.04		
		<i>For 9' Door Height, Add</i>	60.11		
08 14 16 00-0212	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	412.00		62.87
		<i>For >50 To 100, Deduct</i>	-23.74		
		<i>For >100, Deduct</i>	-34.04		
		<i>For 9' Door Height, Add</i>	60.11		
08 14 16 00-0213	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	428.45		65.72
		<i>For >50 To 100, Deduct</i>	-24.71		
		<i>For >100, Deduct</i>	-35.42		
		<i>For 9' Door Height, Add</i>	62.37		
08 14 16 00-0214	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	432.67		65.72
		<i>For >50 To 100, Deduct</i>	-24.92		
		<i>For >100, Deduct</i>	-35.74		
		<i>For 9' Door Height, Add</i>	63.26		
08 14 16 00-0215	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door	441.35		65.72
		<i>For >50 To 100, Deduct</i>	-25.35		
		<i>For >100, Deduct</i>	-36.39		
		<i>For 9' Door Height, Add</i>	65.08		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0216 EA 3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	455.79	68.58
<i>For >50 To 100, Deduct</i>	-26.22	
<i>For >100, Deduct</i>	-37.61	
<i>For 9' Door Height, Add</i>	66.91	
08 14 16 00-0217 EA 3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	502.52	68.58
<i>For >50 To 100, Deduct</i>	-28.56	
<i>For >100, Deduct</i>	-41.12	
<i>For 9' Door Height, Add</i>	76.73	
08 14 16 00-0218 EA 3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	580.13	71.44
<i>For >50 To 100, Deduct</i>	-32.58	
<i>For >100, Deduct</i>	-47.08	
<i>For 9' Door Height, Add</i>	91.82	
08 14 16 00-0219 EA 3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	626.16	71.44
<i>For >50 To 100, Deduct</i>	-34.88	
<i>For >100, Deduct</i>	-50.53	
<i>For 9' Door Height, Add</i>	101.49	
08 14 16 00-0220 EA 4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Maple Faced Wood Door.....	672.20	71.44
<i>For >50 To 100, Deduct</i>	-37.18	
<i>For >100, Deduct</i>	-53.99	
<i>For 9' Door Height, Add</i>	111.16	
08 14 16 00-0221 Walnut Faced Wood Doors <small>(08 14 16 00-0127)</small>		
08 14 16 00-0222 EA 2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	440.23	62.87
<i>For >50 To 100, Deduct</i>	-25.16	
<i>For >100, Deduct</i>	-36.16	
08 14 16 00-0223 EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	440.23	62.87
<i>For >50 To 100, Deduct</i>	-25.16	
<i>For >100, Deduct</i>	-36.16	
08 14 16 00-0224 EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	448.13	65.72
<i>For >50 To 100, Deduct</i>	-25.69	
<i>For >100, Deduct</i>	-36.90	
08 14 16 00-0225 EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	462.08	65.72
<i>For >50 To 100, Deduct</i>	-26.39	
<i>For >100, Deduct</i>	-37.94	
08 14 16 00-0226 EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	464.21	65.72
<i>For >50 To 100, Deduct</i>	-26.50	
<i>For >100, Deduct</i>	-38.10	
08 14 16 00-0227 EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	472.05	68.58
<i>For >50 To 100, Deduct</i>	-27.03	
<i>For >100, Deduct</i>	-38.83	
08 14 16 00-0228 EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	509.43	68.58
<i>For >50 To 100, Deduct</i>	-28.90	
<i>For >100, Deduct</i>	-41.64	
08 14 16 00-0229 EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	611.64	71.44
<i>For >50 To 100, Deduct</i>	-34.15	
<i>For >100, Deduct</i>	-49.45	
08 14 16 00-0230 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	635.07	71.44
<i>For >50 To 100, Deduct</i>	-35.33	
<i>For >100, Deduct</i>	-51.20	
08 14 16 00-0231 EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	681.99	71.44
<i>For >50 To 100, Deduct</i>	-37.67	
<i>For >100, Deduct</i>	-54.72	
08 14 16 00-0232 EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	458.53	62.87
<i>For >50 To 100, Deduct</i>	-26.07	
<i>For >100, Deduct</i>	-37.53	
08 14 16 00-0233 EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	458.53	62.87
<i>For >50 To 100, Deduct</i>	-26.07	
<i>For >100, Deduct</i>	-37.53	
08 14 16 00-0234 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	466.57	65.72
<i>For >50 To 100, Deduct</i>	-26.61	
<i>For >100, Deduct</i>	-38.28	
08 14 16 00-0235 EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	481.31	65.72
<i>For >50 To 100, Deduct</i>	-27.35	
<i>For >100, Deduct</i>	-39.38	
08 14 16 00-0236 EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	483.58	65.72
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100, Deduct</i>	-39.55	
08 14 16 00-0237 EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	491.54	68.58
<i>For >50 To 100, Deduct</i>	-28.01	
<i>For >100, Deduct</i>	-40.29	
08 14 16 00-0238 EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	531.08	68.58
<i>For >50 To 100, Deduct</i>	-29.98	
<i>For >100, Deduct</i>	-43.26	
08 14 16 00-0239 EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	638.92	71.44
<i>For >50 To 100, Deduct</i>	-35.52	
<i>For >100, Deduct</i>	-51.49	
08 14 16 00-0240 EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	663.73	71.44
<i>For >50 To 100, Deduct</i>	-36.76	
<i>For >100, Deduct</i>	-53.35	
08 14 16 00-0241 EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	713.36	71.44
<i>For >50 To 100, Deduct</i>	-39.24	
<i>For >100, Deduct</i>	-57.07	
08 14 16 00-0242 EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door.....	523.42	62.87
<i>For >50 To 100, Deduct</i>	-29.31	
<i>For >100, Deduct</i>	-42.40	
<i>For 9' Door Height, Add</i>	83.51	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 16 00-0243	EA	2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	523.42	62.87
		<i>For >50 To 100, Deduct</i>		-29.31	
		<i>For >100, Deduct</i>		-42.40	
		<i>For 9' Door Height, Add</i>		83.51	
08 14 16 00-0244	EA	2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	531.93	65.72
		<i>For >50 To 100, Deduct</i>		-29.88	
		<i>For >100, Deduct</i>		-43.18	
		<i>For 9' Door Height, Add</i>		84.10	
08 14 16 00-0245	EA	2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	549.53	65.72
		<i>For >50 To 100, Deduct</i>		-30.76	
		<i>For >100, Deduct</i>		-44.50	
		<i>For 9' Door Height, Add</i>		87.80	
08 14 16 00-0246	EA	2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	552.24	65.72
		<i>For >50 To 100, Deduct</i>		-30.90	
		<i>For >100, Deduct</i>		-44.70	
		<i>For 9' Door Height, Add</i>		88.37	
08 14 16 00-0247	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	560.63	68.58
		<i>For >50 To 100, Deduct</i>		-31.46	
		<i>For >100, Deduct</i>		-45.48	
		<i>For 9' Door Height, Add</i>		88.93	
08 14 16 00-0248	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	607.90	68.58
		<i>For >50 To 100, Deduct</i>		-33.82	
		<i>For >100, Deduct</i>		-49.02	
		<i>For 9' Door Height, Add</i>		98.86	
08 14 16 00-0249	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	735.65	71.44
		<i>For >50 To 100, Deduct</i>		-40.35	
		<i>For >100, Deduct</i>		-58.75	
		<i>For 9' Door Height, Add</i>		124.48	
08 14 16 00-0250	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	765.30	71.44
		<i>For >50 To 100, Deduct</i>		-41.84	
		<i>For >100, Deduct</i>		-60.97	
		<i>For 9' Door Height, Add</i>		130.71	
08 14 16 00-0251	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Walnut Faced Wood Door	.....	824.59	71.44
		<i>For >50 To 100, Deduct</i>		-44.80	
		<i>For >100, Deduct</i>		-65.42	
		<i>For 9' Door Height, Add</i>		143.16	
08 14 16 00-0252 Luan Faced Wood Doors <small>(08 14 16 00-0127)</small>					
08 14 16 00-0253	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	236.52	62.87
		<i>For >50 To 100, Deduct</i>		-14.97	
		<i>For >100, Deduct</i>		-20.88	
08 14 16 00-0254	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	236.52	62.87
		<i>For >50 To 100, Deduct</i>		-14.97	
		<i>For >100, Deduct</i>		-20.88	
08 14 16 00-0255	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	249.84	65.72
		<i>For >50 To 100, Deduct</i>		-15.78	
		<i>For >100, Deduct</i>		-22.02	
08 14 16 00-0256	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	256.04	65.72
		<i>For >50 To 100, Deduct</i>		-16.09	
		<i>For >100, Deduct</i>		-22.49	
08 14 16 00-0257	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	257.27	65.72
		<i>For >50 To 100, Deduct</i>		-16.15	
		<i>For >100, Deduct</i>		-22.58	
08 14 16 00-0258	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	264.21	68.58
		<i>For >50 To 100, Deduct</i>		-16.64	
		<i>For >100, Deduct</i>		-23.24	
08 14 16 00-0259	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	278.17	68.58
		<i>For >50 To 100, Deduct</i>		-17.34	
		<i>For >100, Deduct</i>		-24.29	
08 14 16 00-0260	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	301.90	71.44
		<i>For >50 To 100, Deduct</i>		-18.67	
		<i>For >100, Deduct</i>		-26.21	
08 14 16 00-0261	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	309.83	71.44
		<i>For >50 To 100, Deduct</i>		-19.06	
		<i>For >100, Deduct</i>		-26.81	
08 14 16 00-0262	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	325.74	71.44
		<i>For >50 To 100, Deduct</i>		-19.86	
		<i>For >100, Deduct</i>		-28.00	
08 14 16 00-0263	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	242.95	62.87
		<i>For >50 To 100, Deduct</i>		-15.29	
		<i>For >100, Deduct</i>		-21.36	
08 14 16 00-0264	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	242.95	62.87
		<i>For >50 To 100, Deduct</i>		-15.29	
		<i>For >100, Deduct</i>		-21.36	
08 14 16 00-0265	EA	2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	256.74	65.72
		<i>For >50 To 100, Deduct</i>		-16.12	
		<i>For >100, Deduct</i>		-22.54	
08 14 16 00-0266	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	263.30	65.72
		<i>For >50 To 100, Deduct</i>		-16.45	
		<i>For >100, Deduct</i>		-23.03	
08 14 16 00-0267	EA	2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	264.60	65.72
		<i>For >50 To 100, Deduct</i>		-16.52	
		<i>For >100, Deduct</i>		-23.13	
08 14 16 00-0268	EA	3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Luan Faced Wood Door	.....	271.60	68.58
		<i>For >50 To 100, Deduct</i>		-17.01	
		<i>For >100, Deduct</i>		-23.80	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 14 16 00-0269	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	286.38	68.58
				<i>For >50 To 100, Deduct</i>	-17.75	
				<i>For >100, Deduct</i>	-24.91	
	08 14 16 00-0270	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	311.14	71.44
				<i>For >50 To 100, Deduct</i>	-19.13	
				<i>For >100, Deduct</i>	-26.91	
	08 14 16 00-0271	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	319.54	71.44
				<i>For >50 To 100, Deduct</i>	-19.55	
				<i>For >100, Deduct</i>	-27.54	
	08 14 16 00-0272	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	336.37	71.44
				<i>For >50 To 100, Deduct</i>	-20.39	
				<i>For >100, Deduct</i>	-28.80	
	08 14 16 00-0273	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	265.81	62.87
				<i>For >50 To 100, Deduct</i>	-16.43	
				<i>For >100, Deduct</i>	-23.08	
				<i>For 9' Door Height, Add</i>	29.41	
	08 14 16 00-0274	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	265.81	62.87
				<i>For >50 To 100, Deduct</i>	-16.43	
				<i>For >100, Deduct</i>	-23.08	
				<i>For 9' Door Height, Add</i>	29.41	
	08 14 16 00-0275	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	281.16	65.72
				<i>For >50 To 100, Deduct</i>	-17.34	
				<i>For >100, Deduct</i>	-24.37	
				<i>For 9' Door Height, Add</i>	31.44	
	08 14 16 00-0276	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	289.00	65.72
				<i>For >50 To 100, Deduct</i>	-17.74	
				<i>For >100, Deduct</i>	-24.96	
				<i>For 9' Door Height, Add</i>	33.09	
	08 14 16 00-0277	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	290.56	65.72
				<i>For >50 To 100, Deduct</i>	-17.81	
				<i>For >100, Deduct</i>	-25.08	
				<i>For 9' Door Height, Add</i>	33.41	
	08 14 16 00-0278	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	297.82	68.58
				<i>For >50 To 100, Deduct</i>	-18.32	
				<i>For >100, Deduct</i>	-25.77	
				<i>For 9' Door Height, Add</i>	33.74	
	08 14 16 00-0279	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	315.49	68.58
				<i>For >50 To 100, Deduct</i>	-19.20	
				<i>For >100, Deduct</i>	-27.09	
				<i>For 9' Door Height, Add</i>	37.45	
	08 14 16 00-0280	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	343.94	71.44
				<i>For >50 To 100, Deduct</i>	-20.77	
				<i>For >100, Deduct</i>	-29.37	
				<i>For 9' Door Height, Add</i>	42.22	
	08 14 16 00-0281	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	353.99	71.44
				<i>For >50 To 100, Deduct</i>	-21.27	
				<i>For >100, Deduct</i>	-30.12	
				<i>For 9' Door Height, Add</i>	44.33	
	08 14 16 00-0282	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), Lauan Faced Wood Door.....	374.10	71.44
				<i>For >50 To 100, Deduct</i>	-22.28	
				<i>For >100, Deduct</i>	-31.63	
				<i>For 9' Door Height, Add</i>	48.56	
	08 14 16 00-0283			Medium Density Overlay (MDO) Faced Wood Doors <small>(08 14 16 00-0127)</small>		
	08 14 16 00-0284	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	253.75	62.87
				<i>For >50 To 100, Deduct</i>	-15.83	
				<i>For >100, Deduct</i>	-22.17	
	08 14 16 00-0285	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	253.77	62.87
				<i>For >50 To 100, Deduct</i>	-15.83	
				<i>For >100, Deduct</i>	-22.18	
	08 14 16 00-0286	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	263.02	65.72
				<i>For >50 To 100, Deduct</i>	-16.44	
				<i>For >100, Deduct</i>	-23.01	
	08 14 16 00-0287	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	270.16	65.72
				<i>For >50 To 100, Deduct</i>	-16.79	
				<i>For >100, Deduct</i>	-23.55	
	08 14 16 00-0288	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	273.73	65.72
				<i>For >50 To 100, Deduct</i>	-16.97	
				<i>For >100, Deduct</i>	-23.82	
	08 14 16 00-0289	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	282.95	68.58
				<i>For >50 To 100, Deduct</i>	-17.58	
				<i>For >100, Deduct</i>	-24.65	
	08 14 16 00-0290	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	291.08	68.58
				<i>For >50 To 100, Deduct</i>	-17.98	
				<i>For >100, Deduct</i>	-25.26	
	08 14 16 00-0291	EA		3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	323.24	71.44
				<i>For >50 To 100, Deduct</i>	-19.73	
				<i>For >100, Deduct</i>	-27.82	
	08 14 16 00-0292	EA		3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	332.26	71.44
				<i>For >50 To 100, Deduct</i>	-20.19	
				<i>For >100, Deduct</i>	-28.49	
	08 14 16 00-0293	EA		4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door	350.32	71.44
				<i>For >50 To 100, Deduct</i>	-21.09	
				<i>For >100, Deduct</i>	-29.85	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0294	EA		2'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	261.21	62.87
			<i>For >50 To 100, Deduct</i>	-16.20	
			<i>For >100, Deduct</i>	-22.73	
08 14 16 00-0295	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	261.21	62.87
			<i>For >50 To 100, Deduct</i>	-16.20	
			<i>For >100, Deduct</i>	-22.73	
08 14 16 00-0296	EA		2'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	270.67	65.72
			<i>For >50 To 100, Deduct</i>	-16.82	
			<i>For >100, Deduct</i>	-23.59	
08 14 16 00-0297	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	278.23	65.72
			<i>For >50 To 100, Deduct</i>	-17.20	
			<i>For >100, Deduct</i>	-24.15	
08 14 16 00-0298	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	282.00	65.72
			<i>For >50 To 100, Deduct</i>	-17.39	
			<i>For >100, Deduct</i>	-24.44	
08 14 16 00-0299	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	291.45	68.58
			<i>For >50 To 100, Deduct</i>	-18.00	
			<i>For >100, Deduct</i>	-25.29	
08 14 16 00-0300	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	300.05	68.58
			<i>For >50 To 100, Deduct</i>	-18.43	
			<i>For >100, Deduct</i>	-25.93	
08 14 16 00-0301	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	333.75	71.44
			<i>For >50 To 100, Deduct</i>	-20.26	
			<i>For >100, Deduct</i>	-28.60	
08 14 16 00-0302	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	343.30	71.44
			<i>For >50 To 100, Deduct</i>	-20.74	
			<i>For >100, Deduct</i>	-29.32	
08 14 16 00-0303	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	362.38	71.44
			<i>For >50 To 100, Deduct</i>	-21.69	
			<i>For >100, Deduct</i>	-30.75	
08 14 16 00-0304	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	287.63	62.87
			<i>For >50 To 100, Deduct</i>	-17.53	
			<i>For >100, Deduct</i>	-24.72	
			<i>For 9' Door Height, Add</i>	34.00	
08 14 16 00-0305	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	287.63	62.87
			<i>For >50 To 100, Deduct</i>	-17.53	
			<i>For >100, Deduct</i>	-24.72	
			<i>For 9' Door Height, Add</i>	34.00	
08 14 16 00-0306	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	297.82	65.72
			<i>For >50 To 100, Deduct</i>	-18.18	
			<i>For >100, Deduct</i>	-25.62	
			<i>For 9' Door Height, Add</i>	34.94	
08 14 16 00-0307	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	306.84	65.72
			<i>For >50 To 100, Deduct</i>	-18.63	
			<i>For >100, Deduct</i>	-26.30	
			<i>For 9' Door Height, Add</i>	36.83	
08 14 16 00-0308	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	311.34	65.72
			<i>For >50 To 100, Deduct</i>	-18.85	
			<i>For >100, Deduct</i>	-26.64	
			<i>For 9' Door Height, Add</i>	37.78	
08 14 16 00-0309	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	321.53	68.58
			<i>For >50 To 100, Deduct</i>	-19.51	
			<i>For >100, Deduct</i>	-27.54	
			<i>For 9' Door Height, Add</i>	38.72	
08 14 16 00-0310	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	331.82	68.58
			<i>For >50 To 100, Deduct</i>	-20.02	
			<i>For >100, Deduct</i>	-28.32	
			<i>For 9' Door Height, Add</i>	40.88	
08 14 16 00-0311	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	370.98	71.44
			<i>For >50 To 100, Deduct</i>	-22.12	
			<i>For >100, Deduct</i>	-31.40	
			<i>For 9' Door Height, Add</i>	47.90	
08 14 16 00-0312	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	382.38	71.44
			<i>For >50 To 100, Deduct</i>	-22.69	
			<i>For >100, Deduct</i>	-32.25	
			<i>For 9' Door Height, Add</i>	50.30	
08 14 16 00-0313	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Hollow Core (HC), Medium Density Overlay (MDO) Faced Wood Door.....	405.20	71.44
			<i>For >50 To 100, Deduct</i>	-23.83	
			<i>For >100, Deduct</i>	-33.96	
			<i>For 9' Door Height, Add</i>	55.09	
08 14 16 00-0314			1-3/8" Thick, Particleboard Core (PC), Wood Doors <small>(08 14 16)</small>		
			Note: PC = Particleboard, medium-density fiberboard (MDF), or agriffiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0315			Birch Faced Wood Doors <small>(08 14 16 00-0314)</small>		
08 14 16 00-0316	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	301.36	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-3.51	
			<i>For Stave Lumber Core (SLC), Add</i>	131.72	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	79.03	
			<i>For >50 To 100, Deduct</i>	-18.21	
			<i>For >100, Deduct</i>	-25.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0317 EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	301.39	62.87
For 7 Ply Cold Press Construction, Deduct	-3.51	
For Stave Lumber Core (SLC), Add	131.74	
For Structural Composite Lumber Core (SCLC), Add	79.04	
For >50 To 100, Deduct	-18.21	
For >100, Deduct	-25.75	
08 14 16 00-0318 EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	316.31	65.72
For 7 Ply Cold Press Construction, Deduct	-3.70	
For Stave Lumber Core (SLC), Add	138.65	
For Structural Composite Lumber Core (SCLC), Add	83.19	
For >50 To 100, Deduct	-19.10	
For >100, Deduct	-27.01	
08 14 16 00-0319 EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	325.52	65.72
For 7 Ply Cold Press Construction, Deduct	-3.88	
For Stave Lumber Core (SLC), Add	145.55	
For Structural Composite Lumber Core (SCLC), Add	87.33	
For >50 To 100, Deduct	-19.56	
For >100, Deduct	-27.70	
08 14 16 00-0320 EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	331.14	65.72
For 7 Ply Cold Press Construction, Deduct	-3.99	
For Stave Lumber Core (SLC), Add	149.77	
For Structural Composite Lumber Core (SCLC), Add	89.86	
For >50 To 100, Deduct	-19.84	
For >100, Deduct	-28.12	
08 14 16 00-0321 EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	342.50	68.58
For 7 Ply Cold Press Construction, Deduct	-4.11	
For Stave Lumber Core (SLC), Add	154.01	
For Structural Composite Lumber Core (SCLC), Add	92.40	
For >50 To 100, Deduct	-20.55	
For >100, Deduct	-29.12	
08 14 16 00-0322 EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	365.02	68.58
For 7 Ply Cold Press Construction, Deduct	-4.56	
For Stave Lumber Core (SLC), Add	170.90	
For Structural Composite Lumber Core (SCLC), Add	102.54	
For >50 To 100, Deduct	-21.68	
For >100, Deduct	-30.81	
08 14 16 00-0323 EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	385.31	71.44
For 7 Ply Cold Press Construction, Deduct	-4.85	
For Stave Lumber Core (SLC), Add	181.82	
For Structural Composite Lumber Core (SCLC), Add	109.09	
For >50 To 100, Deduct	-22.84	
For >100, Deduct	-32.47	
08 14 16 00-0324 EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	311.59	62.87
For 7 Ply Cold Press Construction, Deduct	-3.72	
For Stave Lumber Core (SLC), Add	139.39	
For Structural Composite Lumber Core (SCLC), Add	83.63	
For >50 To 100, Deduct	-18.72	
For >100, Deduct	-26.51	
08 14 16 00-0325 EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	311.60	62.87
For 7 Ply Cold Press Construction, Deduct	-3.72	
For Stave Lumber Core (SLC), Add	139.40	
For Structural Composite Lumber Core (SCLC), Add	83.64	
For >50 To 100, Deduct	-18.72	
For >100, Deduct	-26.51	
08 14 16 00-0326 EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	327.07	65.72
For 7 Ply Cold Press Construction, Deduct	-3.91	
For Stave Lumber Core (SLC), Add	146.72	
For Structural Composite Lumber Core (SCLC), Add	88.03	
For >50 To 100, Deduct	-19.64	
For >100, Deduct	-27.82	
08 14 16 00-0327 EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	336.83	65.72
For 7 Ply Cold Press Construction, Deduct	-4.11	
For Stave Lumber Core (SLC), Add	154.04	
For Structural Composite Lumber Core (SCLC), Add	92.42	
For >50 To 100, Deduct	-20.13	
For >100, Deduct	-28.55	
08 14 16 00-0328 EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	342.77	65.72
For 7 Ply Cold Press Construction, Deduct	-4.23	
For Stave Lumber Core (SLC), Add	158.49	
For Structural Composite Lumber Core (SCLC), Add	95.09	
For >50 To 100, Deduct	-20.42	
For >100, Deduct	-28.99	
08 14 16 00-0329 EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	354.44	68.58
For 7 Ply Cold Press Construction, Deduct	-4.35	
For Stave Lumber Core (SLC), Add	162.96	
For Structural Composite Lumber Core (SCLC), Add	97.78	
For >50 To 100, Deduct	-21.15	
For >100, Deduct	-30.01	
08 14 16 00-0330 EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	378.29	68.58
For 7 Ply Cold Press Construction, Deduct	-4.82	
For Stave Lumber Core (SLC), Add	180.85	
For Structural Composite Lumber Core (SCLC), Add	108.51	
For >50 To 100, Deduct	-22.34	
For >100, Deduct	-31.80	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0331	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	399.42 -5.13 192.41 115.44 -23.54 -33.53	71.44
08 14 16 00-0332	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	347.84 -4.44 166.58 99.95 -20.54 -29.23 46.64	62.87
08 14 16 00-0333	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	347.84 -4.44 166.58 99.95 -20.54 -29.23 46.64	62.87
08 14 16 00-0334	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	365.22 -4.68 175.33 105.20 -21.55 -30.68 49.09	65.72
08 14 16 00-0335	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	376.88 -4.91 184.07 110.44 -22.13 -31.55 51.54	65.72
08 14 16 00-0336	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	383.98 -5.05 189.40 113.64 -22.49 -32.08 53.03	65.72
08 14 16 00-0337	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	396.82 -5.19 194.75 116.85 -23.27 -33.19 54.53	68.58
08 14 16 00-0338	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	425.30 -5.76 216.11 129.66 -24.69 -35.33 60.51	68.58
08 14 16 00-0339	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	449.44 -6.13 229.92 137.95 -26.04 -37.28 64.38	71.44
08 14 16 00-0340			Oak Faced Wood Doors <small>(08 14 16 00-0314)</small>		
08 14 16 00-0341	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	384.47 -5.17 194.05 116.43 -22.37 -31.98	62.87
08 14 16 00-0342	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	384.47 -5.17 194.05 116.43 -22.37 -31.98	62.87
08 14 16 00-0343	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	403.79 -5.45 204.26 122.55 -23.48 -33.57	65.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0344 EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	417.38 -5.72 214.45 128.67 -24.16 -34.59	65.72
08 14 16 00-0345 EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	425.65 -5.88 220.65 132.39 -24.57 -35.21	65.72
08 14 16 00-0346 EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	439.67 -6.05 226.88 136.13 -25.41 -36.40	68.58
08 14 16 00-0347 EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	472.86 -6.71 251.78 151.07 -27.07 -38.89	68.58
08 14 16 00-0348 EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	500.03 -7.14 267.86 160.72 -28.57 -41.07	71.44
08 14 16 00-0349 EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	399.51 -5.48 205.33 123.20 -23.12 -33.11	62.87
08 14 16 00-0350 EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	399.51 -5.48 205.33 123.20 -23.12 -33.11	62.87
08 14 16 00-0351 EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	419.66 -5.76 216.16 129.69 -24.27 -34.76	65.72
08 14 16 00-0352 EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	434.02 -6.05 226.93 136.16 -24.99 -35.84	65.72
08 14 16 00-0353 EA 2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	442.77 -6.23 233.49 140.09 -25.42 -36.49	65.72
08 14 16 00-0354 EA 3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	457.27 -6.40 240.08 144.05 -26.29 -37.72	68.58
08 14 16 00-0355 EA 3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	492.40 -7.10 266.43 159.86 -28.05 -40.36	68.58
08 14 16 00-0356 EA 3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	520.83 -7.56 283.46 170.08 -29.61 -42.63	71.44
08 14 16 00-0357 EA 2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	452.89 -6.54 245.36 147.22 -25.79 -37.11 68.70	62.87

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0358	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	452.89	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.54	
			<i>For Stave Lumber Core (SLC), Add</i>	245.36	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	147.22	
			<i>For >50 To 100, Deduct</i>	-25.79	
			<i>For >100, Deduct</i>	-37.11	
			<i>For 9' Door Height, Add</i>	68.70	
08 14 16 00-0359	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	475.86	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.89	
			<i>For Stave Lumber Core (SLC), Add</i>	258.31	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	154.98	
			<i>For >50 To 100, Deduct</i>	-27.08	
			<i>For >100, Deduct</i>	-38.98	
			<i>For 9' Door Height, Add</i>	72.33	
08 14 16 00-0360	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	493.02	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.23	
			<i>For Stave Lumber Core (SLC), Add</i>	271.18	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	162.71	
			<i>For >50 To 100, Deduct</i>	-27.94	
			<i>For >100, Deduct</i>	-40.26	
			<i>For 9' Door Height, Add</i>	75.93	
08 14 16 00-0361	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	503.47	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.44	
			<i>For Stave Lumber Core (SLC), Add</i>	279.02	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	167.41	
			<i>For >50 To 100, Deduct</i>	-28.46	
			<i>For >100, Deduct</i>	-41.05	
			<i>For 9' Door Height, Add</i>	78.12	
08 14 16 00-0362	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	519.70	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.65	
			<i>For Stave Lumber Core (SLC), Add</i>	286.91	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	172.14	
			<i>For >50 To 100, Deduct</i>	-29.41	
			<i>For >100, Deduct</i>	-42.41	
			<i>For 9' Door Height, Add</i>	80.33	
08 14 16 00-0363	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	561.68	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.49	
			<i>For Stave Lumber Core (SLC), Add</i>	318.39	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	191.03	
			<i>For >50 To 100, Deduct</i>	-31.51	
			<i>For >100, Deduct</i>	-45.56	
			<i>For 9' Door Height, Add</i>	89.15	
08 14 16 00-0364	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	594.53	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.03	
			<i>For Stave Lumber Core (SLC), Add</i>	338.74	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	203.24	
			<i>For >50 To 100, Deduct</i>	-33.30	
			<i>For >100, Deduct</i>	-48.16	
			<i>For 9' Door Height, Add</i>	94.85	
08 14 16 00-0365			Maple Faced Wood Doors (08 14 16 00-0314)		
08 14 16 00-0366	EA		2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	385.80	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.20	
			<i>For Stave Lumber Core (SLC), Add</i>	195.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	117.03	
			<i>For >50 To 100, Deduct</i>	-22.43	
			<i>For >100, Deduct</i>	-32.08	
08 14 16 00-0367	EA		2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	385.80	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.20	
			<i>For Stave Lumber Core (SLC), Add</i>	195.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	117.03	
			<i>For >50 To 100, Deduct</i>	-22.43	
			<i>For >100, Deduct</i>	-32.08	
08 14 16 00-0368	EA		2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	405.19	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.47	
			<i>For Stave Lumber Core (SLC), Add</i>	205.31	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	123.18	
			<i>For >50 To 100, Deduct</i>	-23.55	
			<i>For >100, Deduct</i>	-33.68	
08 14 16 00-0369	EA		2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	418.85	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.75	
			<i>For Stave Lumber Core (SLC), Add</i>	215.55	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	129.33	
			<i>For >50 To 100, Deduct</i>	-24.23	
			<i>For >100, Deduct</i>	-34.70	
08 14 16 00-0370	EA		2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	427.15	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.91	
			<i>For Stave Lumber Core (SLC), Add</i>	221.78	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	133.07	
			<i>For >50 To 100, Deduct</i>	-24.64	
			<i>For >100, Deduct</i>	-35.32	
08 14 16 00-0371	EA		3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	441.22	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.08	
			<i>For Stave Lumber Core (SLC), Add</i>	228.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	136.83	
			<i>For >50 To 100, Deduct</i>	-25.49	
			<i>For >100, Deduct</i>	-36.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0372	EA		3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	474.58 -6.75 253.07 151.84 -27.16 -39.02	68.58
08 14 16 00-0373	EA		3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	501.86 -7.18 269.24 161.54 -28.67 -41.21	71.44
08 14 16 00-0374	EA		2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	400.91 -5.50 206.38 123.83 -23.19 -33.21	62.87
08 14 16 00-0375	EA		2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	400.91 -5.50 206.38 123.83 -23.19 -33.21	62.87
08 14 16 00-0376	EA		2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	421.13 -5.79 217.26 130.36 -24.34 -34.87	65.72
08 14 16 00-0377	EA		2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	435.59 -6.08 228.11 136.86 -25.07 -35.96	65.72
08 14 16 00-0378	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	444.37 -6.26 234.69 140.81 -25.50 -36.61	65.72
08 14 16 00-0379	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	458.92 -6.44 241.32 144.79 -26.38 -37.85	68.58
08 14 16 00-0380	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	494.22 -7.14 267.80 160.68 -28.14 -40.50	68.58
08 14 16 00-0381	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	522.76 -7.60 284.91 170.95 -29.71 -42.78	71.44
08 14 16 00-0382	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	454.58 -6.58 246.63 147.98 -25.87 -37.24 69.06	62.87
08 14 16 00-0383	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	454.58 -6.58 246.63 147.98 -25.87 -37.24 69.06	62.87
08 14 16 00-0384	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	477.62 -6.92 259.63 155.78 -27.17 -39.11 72.70	65.72
08 14 16 00-0385	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door..... <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	494.87 -7.27 272.57 163.54 -28.03 -40.40 76.32	65.72

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0386	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	505.40	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.48	
			<i>For Stave Lumber Core (SLC), Add</i>	280.46	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	168.28	
			<i>For >50 To 100, Deduct</i>	-28.56	
			<i>For >100, Deduct</i>	-41.19	
			<i>For 9' Door Height, Add</i>	78.53	
08 14 16 00-0387	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	521.66	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.69	
			<i>For Stave Lumber Core (SLC), Add</i>	288.38	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	173.03	
			<i>For >50 To 100, Deduct</i>	-29.51	
			<i>For >100, Deduct</i>	-42.55	
			<i>For 9' Door Height, Add</i>	80.75	
08 14 16 00-0388	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	563.86	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.53	
			<i>For Stave Lumber Core (SLC), Add</i>	320.03	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	192.02	
			<i>For >50 To 100, Deduct</i>	-31.62	
			<i>For >100, Deduct</i>	-45.72	
			<i>For 9' Door Height, Add</i>	89.61	
08 14 16 00-0389	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	596.84	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.08	
			<i>For Stave Lumber Core (SLC), Add</i>	340.47	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	204.28	
			<i>For >50 To 100, Deduct</i>	-33.41	
			<i>For >100, Deduct</i>	-48.34	
			<i>For 9' Door Height, Add</i>	95.33	
08 14 16 00-0390			Lauan Faced Wood Doors <small>(08 14 16 00-0314)</small>		
08 14 16 00-0391	EA		2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	337.46	62.87
			<i>For >50 To 100, Deduct</i>	-20.02	
			<i>For >100, Deduct</i>	-28.45	
08 14 16 00-0392	EA		2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	337.46	62.87
			<i>For >50 To 100, Deduct</i>	-20.02	
			<i>For >100, Deduct</i>	-28.45	
08 14 16 00-0393	EA		2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	354.75	65.72
			<i>For >50 To 100, Deduct</i>	-21.02	
			<i>For >100, Deduct</i>	-29.89	
08 14 16 00-0394	EA		2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	366.43	65.72
			<i>For >50 To 100, Deduct</i>	-21.61	
			<i>For >100, Deduct</i>	-30.77	
08 14 16 00-0395	EA		2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	372.29	65.72
			<i>For >50 To 100, Deduct</i>	-21.90	
			<i>For >100, Deduct</i>	-31.21	
08 14 16 00-0396	EA		3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	383.91	68.58
			<i>For >50 To 100, Deduct</i>	-22.62	
			<i>For >100, Deduct</i>	-32.22	
08 14 16 00-0397	EA		3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	411.00	68.58
			<i>For >50 To 100, Deduct</i>	-23.98	
			<i>For >100, Deduct</i>	-34.25	
08 14 16 00-0398	EA		3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	438.19	71.44
			<i>For >50 To 100, Deduct</i>	-25.48	
			<i>For >100, Deduct</i>	-36.44	
08 14 16 00-0399	EA		2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	349.78	62.87
			<i>For >50 To 100, Deduct</i>	-20.63	
			<i>For >100, Deduct</i>	-29.38	
08 14 16 00-0400	EA		2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	349.78	62.87
			<i>For >50 To 100, Deduct</i>	-20.63	
			<i>For >100, Deduct</i>	-29.38	
08 14 16 00-0401	EA		2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	367.77	65.72
			<i>For >50 To 100, Deduct</i>	-21.67	
			<i>For >100, Deduct</i>	-30.87	
08 14 16 00-0402	EA		2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	380.11	65.72
			<i>For >50 To 100, Deduct</i>	-22.29	
			<i>For >100, Deduct</i>	-31.79	
08 14 16 00-0403	EA		2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	386.32	65.72
			<i>For >50 To 100, Deduct</i>	-22.60	
			<i>For >100, Deduct</i>	-32.26	
08 14 16 00-0404	EA		3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	398.25	68.58
			<i>For >50 To 100, Deduct</i>	-23.34	
			<i>For >100, Deduct</i>	-33.30	
08 14 16 00-0405	EA		3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	426.97	68.58
			<i>For >50 To 100, Deduct</i>	-24.78	
			<i>For >100, Deduct</i>	-35.45	
08 14 16 00-0406	EA		3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	455.35	71.44
			<i>For >50 To 100, Deduct</i>	-26.34	
			<i>For >100, Deduct</i>	-37.72	
08 14 16 00-0407	EA		2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	393.49	62.87
			<i>For >50 To 100, Deduct</i>	-22.82	
			<i>For >100, Deduct</i>	-32.66	
			<i>For 9' Door Height, Add</i>	56.23	
08 14 16 00-0408	EA		2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	393.49	62.87
			<i>For >50 To 100, Deduct</i>	-22.82	
			<i>For >100, Deduct</i>	-32.66	
			<i>For 9' Door Height, Add</i>	56.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0409 EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	413.83 -23.98 -34.32 59.30	65.72
08 14 16 00-0410 EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	428.60 -24.72 -35.43 62.40	65.72
08 14 16 00-0411 EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	436.03 -25.09 -35.99 63.96	65.72
08 14 16 00-0412 EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	449.17 -25.89 -37.12 65.52	68.58
08 14 16 00-0413 EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	483.47 -27.60 -39.69 72.73	68.58
08 14 16 00-0414 EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	516.28 -29.39 -42.29 78.41	71.44
08 14 16 00-0415 Medium Density Overlay (MDO) Faced Wood Doors <small>(08 14 16 00-0314)</small>		
08 14 16 00-0416 EA 2'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	298.44 129.53 77.72 -18.07 -25.53	62.87
08 14 16 00-0417 EA 2'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	298.44 129.53 77.72 -18.07 -25.53	62.87
08 14 16 00-0418 EA 2'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	314.19 137.06 82.23 -19.00 -26.85	65.72
08 14 16 00-0419 EA 2'-8" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	324.19 144.56 86.73 -19.50 -27.60	65.72
08 14 16 00-0420 EA 2'-10" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	326.02 145.93 87.56 -19.59 -27.74	65.72
08 14 16 00-0421 EA 3'-0" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	333.60 147.33 88.40 -20.11 -28.45	68.58
08 14 16 00-0422 EA 3'-4" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	355.27 163.58 98.15 -21.19 -30.07	68.58
08 14 16 00-0423 EA 3'-6" x 6'-8" x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	400.50 193.22 115.93 -23.60 -33.61	71.44
08 14 16 00-0424 EA 2'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	308.50 137.07 82.24 -18.57 -26.28	62.87
08 14 16 00-0425 EA 2'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	308.51 137.08 82.25 -18.57 -26.28	62.87
08 14 16 00-0426 EA 2'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	324.82 145.03 87.02 -19.53 -27.65	65.72
08 14 16 00-0427 EA 2'-8" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	335.40 152.96 91.78 -20.06 -28.44	65.72

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0428	EA		2'-10" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	337.36	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	154.43	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	92.66	
			<i>For >50 To 100, Deduct</i>	-20.15	
			<i>For >100, Deduct</i>	-28.59	
08 14 16 00-0429	EA		3'-0" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	345.03	68.58
			<i>For Stave Lumber Core (SLC), Add</i>	155.90	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	93.54	
			<i>For >50 To 100, Deduct</i>	-20.68	
			<i>For >100, Deduct</i>	-29.31	
08 14 16 00-0430	EA		3'-4" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	367.96	68.58
			<i>For Stave Lumber Core (SLC), Add</i>	173.10	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	103.86	
			<i>For >50 To 100, Deduct</i>	-21.83	
			<i>For >100, Deduct</i>	-31.03	
08 14 16 00-0431	EA		3'-6" x 7' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	415.51	71.44
			<i>For Stave Lumber Core (SLC), Add</i>	204.47	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	122.68	
			<i>For >50 To 100, Deduct</i>	-24.35	
			<i>For >100, Deduct</i>	-34.74	
08 14 16 00-0432	EA		2'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	344.12	62.87
			<i>For Stave Lumber Core (SLC), Add</i>	163.79	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	98.27	
			<i>For >50 To 100, Deduct</i>	-20.35	
			<i>For >100, Deduct</i>	-28.95	
			<i>For 9' Door Height, Add</i>	45.86	
08 14 16 00-0433	EA		2'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	344.15	62.87
			<i>For Stave Lumber Core (SLC), Add</i>	163.81	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	98.28	
			<i>For >50 To 100, Deduct</i>	-20.35	
			<i>For >100, Deduct</i>	-28.95	
			<i>For 9' Door Height, Add</i>	45.87	
08 14 16 00-0434	EA		2'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	362.53	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	173.31	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	103.99	
			<i>For >50 To 100, Deduct</i>	-21.41	
			<i>For >100, Deduct</i>	-30.48	
			<i>For 9' Door Height, Add</i>	48.53	
08 14 16 00-0435	EA		2'-8" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	375.17	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	182.79	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	109.67	
			<i>For >50 To 100, Deduct</i>	-22.04	
			<i>For >100, Deduct</i>	-31.42	
			<i>For 9' Door Height, Add</i>	51.18	
08 14 16 00-0436	EA		2'-10" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	377.50	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	184.54	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	110.72	
			<i>For >50 To 100, Deduct</i>	-22.16	
			<i>For >100, Deduct</i>	-31.60	
			<i>For 9' Door Height, Add</i>	51.67	
08 14 16 00-0437	EA		3'-0" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	385.58	68.58
			<i>For Stave Lumber Core (SLC), Add</i>	186.32	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	111.79	
			<i>For >50 To 100, Deduct</i>	-22.71	
			<i>For >100, Deduct</i>	-32.35	
			<i>For 9' Door Height, Add</i>	52.17	
08 14 16 00-0438	EA		3'-4" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	412.98	68.58
			<i>For Stave Lumber Core (SLC), Add</i>	206.87	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	124.12	
			<i>For >50 To 100, Deduct</i>	-24.08	
			<i>For >100, Deduct</i>	-34.40	
			<i>For 9' Door Height, Add</i>	57.92	
08 14 16 00-0439	EA		3'-6" x 8' x 1-3/8" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	468.68	71.44
			<i>For Stave Lumber Core (SLC), Add</i>	244.35	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	146.61	
			<i>For >50 To 100, Deduct</i>	-27.01	
			<i>For >100, Deduct</i>	-38.72	
			<i>For 9' Door Height, Add</i>	68.42	
08 14 16 00-0440			1-3/4" Thick, Particleboard Core (PC), Wood Doors <small>(08 14 16)</small>		
			Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 16 00-0441			Birch Faced Wood Doors <small>(08 14 16 00-0440)</small>		
08 14 16 00-0442	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	339.52	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.28	
			<i>For Stave Lumber Core (SLC), Add</i>	160.34	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	96.20	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.65	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	115.44	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	160.34	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	256.54	
			<i>For >50 To 100, Deduct</i>	-20.12	
			<i>For >100, Deduct</i>	-28.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0443 EA 2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	339.52	62.87
For 7 Ply Cold Press Construction, Deduct	-4.28	
For Stave Lumber Core (SLC), Add	160.34	
For Structural Composite Lumber Core (SCLC), Add	96.20	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.65	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	115.44	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	160.34	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	256.54	
For >50 To 100, Deduct	-20.12	
For >100, Deduct	-28.61	
08 14 16 00-0444 EA 2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	333.96	65.72
For 7 Ply Cold Press Construction, Deduct	-4.05	
For Stave Lumber Core (SLC), Add	151.88	
For Structural Composite Lumber Core (SCLC), Add	91.13	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.30	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	109.36	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	151.88	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	243.01	
For >50 To 100, Deduct	-19.98	
For >100, Deduct	-28.33	
08 14 16 00-0445 EA 2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	342.40	65.72
For 7 Ply Cold Press Construction, Deduct	-4.22	
For Stave Lumber Core (SLC), Add	158.21	
For Structural Composite Lumber Core (SCLC), Add	94.93	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.31	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	113.91	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	158.21	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	253.14	
For >50 To 100, Deduct	-20.41	
For >100, Deduct	-28.97	
08 14 16 00-0446 EA 2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	348.05	65.72
For 7 Ply Cold Press Construction, Deduct	-4.33	
For Stave Lumber Core (SLC), Add	162.45	
For Structural Composite Lumber Core (SCLC), Add	97.47	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	25.99	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	116.96	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	162.45	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	259.92	
For >50 To 100, Deduct	-20.69	
For >100, Deduct	-29.39	
08 14 16 00-0447 EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	359.38	68.58
For 7 Ply Cold Press Construction, Deduct	-4.44	
For Stave Lumber Core (SLC), Add	166.67	
For Structural Composite Lumber Core (SCLC), Add	100.00	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.67	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	120.00	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	166.67	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	266.66	
For >50 To 100, Deduct	-21.40	
For >100, Deduct	-30.38	
08 14 16 00-0448 EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	383.81	68.58
For 7 Ply Cold Press Construction, Deduct	-4.93	
For Stave Lumber Core (SLC), Add	184.99	
For Structural Composite Lumber Core (SCLC), Add	110.99	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.60	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	133.19	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	184.99	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	295.98	
For >50 To 100, Deduct	-22.62	
For >100, Deduct	-32.21	
08 14 16 00-0449 EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	442.34	71.44
For 7 Ply Cold Press Construction, Deduct	-5.99	
For Stave Lumber Core (SLC), Add	224.60	
For Structural Composite Lumber Core (SCLC), Add	134.76	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.94	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	161.71	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	224.60	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	359.35	
For >50 To 100, Deduct	-25.69	
For >100, Deduct	-36.75	
08 14 16 00-0450 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	457.31	71.44
For 7 Ply Cold Press Construction, Deduct	-6.29	
For Stave Lumber Core (SLC), Add	235.82	
For Structural Composite Lumber Core (SCLC), Add	141.49	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	37.73	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	169.79	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	235.82	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	377.32	
For >50 To 100, Deduct	-26.44	
For >100, Deduct	-37.87	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0451	EA	4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door.....	498.70	77.16
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.89	
		<i>For Stave Lumber Core (SLC), Add</i>	258.29	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	154.97	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.33	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	185.97	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	258.29	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	413.26	
		<i>For >50 To 100, Deduct</i>	-28.79	
		<i>For >100, Deduct</i>	-41.26	
08 14 16 00-0452	EA	2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	329.40	62.87
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.07	
		<i>For Stave Lumber Core (SLC), Add</i>	152.75	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	91.65	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.44	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	109.98	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	152.75	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	244.39	
		<i>For >50 To 100, Deduct</i>	-19.61	
		<i>For >100, Deduct</i>	-27.85	
08 14 16 00-0453	EA	2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	329.40	62.87
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.07	
		<i>For Stave Lumber Core (SLC), Add</i>	152.75	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	91.65	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.44	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	109.98	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	152.75	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	244.39	
		<i>For >50 To 100, Deduct</i>	-19.61	
		<i>For >100, Deduct</i>	-27.85	
08 14 16 00-0454	EA	2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	345.76	65.72
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.29	
		<i>For Stave Lumber Core (SLC), Add</i>	160.73	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	96.44	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.72	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	115.73	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	160.73	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	257.17	
		<i>For >50 To 100, Deduct</i>	-20.57	
		<i>For >100, Deduct</i>	-29.22	
08 14 16 00-0455	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	354.69	65.72
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.46	
		<i>For Stave Lumber Core (SLC), Add</i>	167.43	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	100.46	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	26.79	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	120.55	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	167.43	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	267.89	
		<i>For >50 To 100, Deduct</i>	-21.02	
		<i>For >100, Deduct</i>	-29.89	
08 14 16 00-0456	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	360.65	65.72
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.58	
		<i>For Stave Lumber Core (SLC), Add</i>	171.90	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	103.14	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	27.50	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	123.77	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	171.90	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	275.04	
		<i>For >50 To 100, Deduct</i>	-21.32	
		<i>For >100, Deduct</i>	-30.34	
08 14 16 00-0457	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	372.30	68.58
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-4.70	
		<i>For Stave Lumber Core (SLC), Add</i>	176.36	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	105.81	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.22	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	126.98	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.36	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	282.17	
		<i>For >50 To 100, Deduct</i>	-22.04	
		<i>For >100, Deduct</i>	-31.35	
08 14 16 00-0458	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	398.17	68.58
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.22	
		<i>For Stave Lumber Core (SLC), Add</i>	195.76	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	117.45	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.32	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	140.95	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	195.76	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	313.21	
		<i>For >50 To 100, Deduct</i>	-23.34	
		<i>For >100, Deduct</i>	-33.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0459	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	459.78 -6.34 237.68 142.61 38.03 171.13 237.68 380.28 -26.56 -38.06	71.44
08 14 16 00-0460	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	475.62 -6.65 249.56 149.73 39.93 179.68 249.56 399.29 -27.35 -39.24	71.44
08 14 16 00-0461	EA		4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	518.74 -7.29 273.32 163.99 43.73 196.79 273.32 437.30 -29.80 -42.76	77.16
08 14 16 00-0462	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	396.06 -5.41 202.74 121.64 32.44 145.97 202.74 324.38 -22.95 -32.85 56.77	62.87
08 14 16 00-0463	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	396.06 -5.41 202.74 121.64 32.44 145.97 202.74 324.38 -22.95 -32.85 56.77	62.87
08 14 16 00-0464	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	387.54 -5.12 192.07 115.24 30.73 138.29 192.07 307.31 -22.66 -32.35 53.78	65.72
08 14 16 00-0465	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	398.21 -5.34 200.07 120.04 32.01 144.05 200.07 320.11 -23.20 -33.15 56.02	65.72
08 14 16 00-0466	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	405.34 -5.48 205.42 123.25 32.87 147.90 205.42 328.67 -23.55 -33.69 57.52	65.72

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 16 00-0467	EA	3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	418.15	68.58	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-5.62		
		<i>For Stave Lumber Core (SLC), Add</i>	210.74		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	126.45		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	33.72		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	151.73		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	210.74		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	337.19		
		<i>For >50 To 100, Deduct</i>	-24.34		
		<i>For >100, Deduct</i>	-34.79		
		<i>For 9' Door Height, Add</i>	59.01		
08 14 16 00-0468	EA	3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	449.06	68.58	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.24		
		<i>For Stave Lumber Core (SLC), Add</i>	233.93		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	140.36		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.43		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	168.43		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	233.93		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	374.28		
		<i>For >50 To 100, Deduct</i>	-25.88		
		<i>For >100, Deduct</i>	-37.11		
		<i>For 9' Door Height, Add</i>	65.50		
08 14 16 00-0469	EA	3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	521.56	71.44	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.57		
		<i>For Stave Lumber Core (SLC), Add</i>	284.01		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	170.41		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	45.44		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	204.49		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	284.01		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	454.42		
		<i>For >50 To 100, Deduct</i>	-29.65		
		<i>For >100, Deduct</i>	-42.69		
		<i>For 9' Door Height, Add</i>	79.52		
08 14 16 00-0470	EA	3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	540.49	71.44	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.95		
		<i>For Stave Lumber Core (SLC), Add</i>	298.21		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	178.92		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	47.71		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	214.71		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	298.21		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	477.13		
		<i>For >50 To 100, Deduct</i>	-30.60		
		<i>For >100, Deduct</i>	-44.11		
		<i>For 9' Door Height, Add</i>	83.50		
08 14 16 00-0471	EA	4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Birch Faced Wood Door	589.80	77.16	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.71		
		<i>For Stave Lumber Core (SLC), Add</i>	326.61		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	195.97		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.26		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	235.16		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	326.61		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	522.58		
		<i>For >50 To 100, Deduct</i>	-33.35		
		<i>For >100, Deduct</i>	-48.09		
		<i>For 9' Door Height, Add</i>	91.45		

08 14 16 00-0472 Oak Faced Wood Doors (08 14 16 00-0440)

08 14 16 00-0473	EA	2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	470.46	62.87	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.89		
		<i>For Stave Lumber Core (SLC), Add</i>	258.54		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.12		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.37		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	186.15		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	258.54		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	413.66		
		<i>For >50 To 100, Deduct</i>	-26.67		
		<i>For >100, Deduct</i>	-38.43		
08 14 16 00-0474	EA	2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	470.46	62.87	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.89		
		<i>For Stave Lumber Core (SLC), Add</i>	258.54		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.12		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.37		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	186.15		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	258.54		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	413.66		
		<i>For >50 To 100, Deduct</i>	-26.67		
		<i>For >100, Deduct</i>	-38.43		
08 14 16 00-0475	EA	2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door	476.17	65.72	
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.89		
		<i>For Stave Lumber Core (SLC), Add</i>	258.54		
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.12		
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.37		
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	186.15		
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	258.54		
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	413.66		
		<i>For >50 To 100, Deduct</i>	-27.09		
		<i>For >100, Deduct</i>	-39.00		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0476	EA			2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 479.71		65.72
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.97	
				<i>For Stave Lumber Core (SLC), Add</i>	261.20	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	156.72	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.79	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	188.06	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	261.20	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	417.91	
				<i>For >50 To 100, Deduct</i>	-27.27	
				<i>For >100, Deduct</i>	-39.26	
08 14 16 00-0477	EA			2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 481.31		65.72
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.00	
				<i>For Stave Lumber Core (SLC), Add</i>	262.40	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	157.44	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.98	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	188.92	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	262.40	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	419.83	
				<i>For >50 To 100, Deduct</i>	-27.35	
				<i>For >100, Deduct</i>	-39.38	
08 14 16 00-0478	EA			3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 488.62		68.58
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.03	
				<i>For Stave Lumber Core (SLC), Add</i>	263.60	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	158.16	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.18	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.79	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	263.60	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	421.75	
				<i>For >50 To 100, Deduct</i>	-27.86	
				<i>For >100, Deduct</i>	-40.08	
08 14 16 00-0479	EA			3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 527.22		68.58
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.80	
				<i>For Stave Lumber Core (SLC), Add</i>	292.55	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	175.53	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	46.81	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	210.63	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	292.55	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	468.07	
				<i>For >50 To 100, Deduct</i>	-29.79	
				<i>For >100, Deduct</i>	-42.97	
08 14 16 00-0480	EA			3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 632.35		71.44
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.79	
				<i>For Stave Lumber Core (SLC), Add</i>	367.10	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	220.26	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	58.74	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	264.31	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	367.10	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	587.36	
				<i>For >50 To 100, Deduct</i>	-35.19	
				<i>For >100, Deduct</i>	-51.00	
08 14 16 00-0481	EA			3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 657.17		71.44
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.29	
				<i>For Stave Lumber Core (SLC), Add</i>	385.72	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	231.43	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	61.71	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	277.72	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	385.72	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	617.15	
				<i>For >50 To 100, Deduct</i>	-36.43	
				<i>For >100, Deduct</i>	-52.86	
08 14 16 00-0482	EA			4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 717.22		77.16
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.26	
				<i>For Stave Lumber Core (SLC), Add</i>	422.18	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	253.31	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	67.55	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	303.97	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	422.18	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	675.48	
				<i>For >50 To 100, Deduct</i>	-39.72	
				<i>For >100, Deduct</i>	-57.65	
08 14 16 00-0483	EA			2'-0" x 7" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door 490.51		62.87
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.30	
				<i>For Stave Lumber Core (SLC), Add</i>	273.58	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	164.15	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	43.77	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	196.98	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	273.58	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	437.72	
				<i>For >50 To 100, Deduct</i>	-27.67	
				<i>For >100, Deduct</i>	-39.93	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0484	EA		2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	490.51	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.30	
			<i>For Stave Lumber Core (SLC), Add</i>	273.58	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	164.15	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	43.77	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	196.98	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	273.58	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	437.72	
			<i>For >50 To 100, Deduct</i>	-27.67	
			<i>For >100, Deduct</i>	-39.93	
08 14 16 00-0485	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	496.22	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.30	
			<i>For Stave Lumber Core (SLC), Add</i>	273.58	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	164.15	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	43.77	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	196.98	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	273.58	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	437.72	
			<i>For >50 To 100, Deduct</i>	-28.10	
			<i>For >100, Deduct</i>	-40.50	
08 14 16 00-0486	EA		2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	499.97	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.37	
			<i>For Stave Lumber Core (SLC), Add</i>	276.39	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	165.83	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.22	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	199.00	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	276.39	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	442.22	
			<i>For >50 To 100, Deduct</i>	-28.28	
			<i>For >100, Deduct</i>	-40.78	
08 14 16 00-0487	EA		2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	501.67	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.40	
			<i>For Stave Lumber Core (SLC), Add</i>	277.67	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	166.60	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.43	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	199.92	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	277.67	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	444.26	
			<i>For >50 To 100, Deduct</i>	-28.37	
			<i>For >100, Deduct</i>	-40.91	
08 14 16 00-0488	EA		3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	509.08	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.44	
			<i>For Stave Lumber Core (SLC), Add</i>	278.94	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	167.36	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.63	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	200.84	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	278.94	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	446.30	
			<i>For >50 To 100, Deduct</i>	-28.88	
			<i>For >100, Deduct</i>	-41.61	
08 14 16 00-0489	EA		3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	549.93	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.26	
			<i>For Stave Lumber Core (SLC), Add</i>	309.58	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	185.75	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.53	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	222.90	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	309.58	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	495.32	
			<i>For >50 To 100, Deduct</i>	-30.93	
			<i>For >100, Deduct</i>	-44.67	
08 14 16 00-0490	EA		3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	660.84	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.36	
			<i>For Stave Lumber Core (SLC), Add</i>	388.47	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	233.08	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	62.16	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	279.70	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	388.47	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	621.55	
			<i>For >50 To 100, Deduct</i>	-36.61	
			<i>For >100, Deduct</i>	-53.14	
08 14 16 00-0491	EA		3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	687.09	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.88	
			<i>For Stave Lumber Core (SLC), Add</i>	408.16	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	244.89	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	65.31	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	293.87	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	408.16	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	653.05	
			<i>For >50 To 100, Deduct</i>	-37.93	
			<i>For >100, Deduct</i>	-55.10	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0492	EA			4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	749.97	77.16
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.91	
				<i>For Stave Lumber Core (SLC), Add</i>	446.74	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	268.04	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	71.48	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	321.65	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	446.74	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	714.78	
				<i>For >50 To 100, Deduct</i>	-41.36	
				<i>For >100, Deduct</i>	-60.11	
08 14 16 00-0493	EA			2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	561.63	62.87
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.72	
				<i>For Stave Lumber Core (SLC), Add</i>	326.92	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	196.15	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.31	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	235.38	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	326.92	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	523.07	
				<i>For >50 To 100, Deduct</i>	-31.23	
				<i>For >100, Deduct</i>	-45.27	
				<i>For 9' Door Height, Add</i>	91.54	
08 14 16 00-0494	EA			2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	561.63	62.87
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.72	
				<i>For Stave Lumber Core (SLC), Add</i>	326.92	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	196.15	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.31	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	235.38	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	326.92	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	523.07	
				<i>For >50 To 100, Deduct</i>	-31.23	
				<i>For >100, Deduct</i>	-45.27	
				<i>For 9' Door Height, Add</i>	91.54	
08 14 16 00-0495	EA			2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	567.34	65.72
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.72	
				<i>For Stave Lumber Core (SLC), Add</i>	326.92	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	196.15	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.31	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	235.38	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	326.92	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	523.07	
				<i>For >50 To 100, Deduct</i>	-31.65	
				<i>For >100, Deduct</i>	-45.84	
				<i>For 9' Door Height, Add</i>	91.54	
08 14 16 00-0496	EA			2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	571.83	65.72
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.81	
				<i>For Stave Lumber Core (SLC), Add</i>	330.29	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	198.17	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.85	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	237.81	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	330.29	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	528.46	
				<i>For >50 To 100, Deduct</i>	-31.88	
				<i>For >100, Deduct</i>	-46.17	
				<i>For 9' Door Height, Add</i>	92.48	
08 14 16 00-0497	EA			2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	573.87	65.72
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.85	
				<i>For Stave Lumber Core (SLC), Add</i>	331.82	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	199.09	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.09	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	238.91	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	331.82	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	530.90	
				<i>For >50 To 100, Deduct</i>	-31.98	
				<i>For >100, Deduct</i>	-46.33	
				<i>For 9' Door Height, Add</i>	92.91	
08 14 16 00-0498	EA			3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	581.59	68.58
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.89	
				<i>For Stave Lumber Core (SLC), Add</i>	333.32	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	199.99	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.33	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	239.99	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	333.32	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	533.32	
				<i>For >50 To 100, Deduct</i>	-32.51	
				<i>For >100, Deduct</i>	-47.05	
				<i>For 9' Door Height, Add</i>	93.33	
08 14 16 00-0499	EA			3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	630.41	68.58
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.87	
				<i>For Stave Lumber Core (SLC), Add</i>	369.94	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	221.96	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	59.19	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	266.36	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	369.94	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	591.90	
				<i>For >50 To 100, Deduct</i>	-34.95	
				<i>For >100, Deduct</i>	-50.71	
				<i>For 9' Door Height, Add</i>	103.58	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0500	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	761.85	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-12.38	
			<i>For Stave Lumber Core (SLC), Add</i>	464.23	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	278.54	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	74.28	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	334.24	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	464.23	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	742.76	
			<i>For >50 To 100, Deduct</i>	-41.66	
			<i>For >100, Deduct</i>	-60.71	
			<i>For 9' Door Height, Add</i>	129.98	
08 14 16 00-0501	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	793.20	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.01	
			<i>For Stave Lumber Core (SLC), Add</i>	487.74	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	292.64	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	78.04	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	351.17	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	487.74	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	780.38	
			<i>For >50 To 100, Deduct</i>	-43.23	
			<i>For >100, Deduct</i>	-63.06	
			<i>For 9' Door Height, Add</i>	136.57	
08 14 16 00-0502	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Oak Faced Wood Door.....	866.13	77.16
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.24	
			<i>For Stave Lumber Core (SLC), Add</i>	533.86	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	320.31	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	85.42	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	384.38	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	533.86	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	854.17	
			<i>For >50 To 100, Deduct</i>	-47.16	
			<i>For >100, Deduct</i>	-68.82	
			<i>For 9' Door Height, Add</i>	149.48	
08 14 16 00-0503			Maple Faced Wood Doors <small>(08 14 16 00-0440)</small>		
08 14 16 00-0504	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	472.23	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.93	
			<i>For Stave Lumber Core (SLC), Add</i>	259.87	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.92	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.58	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	187.10	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	259.87	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	415.79	
			<i>For >50 To 100, Deduct</i>	-26.76	
			<i>For >100, Deduct</i>	-38.56	
08 14 16 00-0505	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	472.23	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.93	
			<i>For Stave Lumber Core (SLC), Add</i>	259.87	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.92	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.58	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	187.10	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	259.87	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	415.79	
			<i>For >50 To 100, Deduct</i>	-26.76	
			<i>For >100, Deduct</i>	-38.56	
08 14 16 00-0506	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	477.94	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-6.93	
			<i>For Stave Lumber Core (SLC), Add</i>	259.87	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.92	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.58	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	187.10	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	259.87	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	415.79	
			<i>For >50 To 100, Deduct</i>	-27.18	
			<i>For >100, Deduct</i>	-39.13	
08 14 16 00-0507	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	481.50	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.00	
			<i>For Stave Lumber Core (SLC), Add</i>	262.54	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	157.52	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.01	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.03	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	262.54	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	420.06	
			<i>For >50 To 100, Deduct</i>	-27.36	
			<i>For >100, Deduct</i>	-39.40	
08 14 16 00-0508	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	483.10	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.03	
			<i>For Stave Lumber Core (SLC), Add</i>	263.74	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	158.24	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.20	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.89	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	263.74	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	421.98	
			<i>For >50 To 100, Deduct</i>	-27.44	
			<i>For >100, Deduct</i>	-39.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0509 EA 3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	490.43	68.58
For 7 Ply Cold Press Construction, Deduct	-7.07	
For Stave Lumber Core (SLC), Add	264.95	
For Structural Composite Lumber Core (SCLC), Add	158.97	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.39	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	190.77	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	264.95	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	423.92	
For >50 To 100, Deduct	-27.95	
For >100, Deduct	-40.21	
08 14 16 00-0510 EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	529.24	68.58
For 7 Ply Cold Press Construction, Deduct	-7.84	
For Stave Lumber Core (SLC), Add	294.06	
For Structural Composite Lumber Core (SCLC), Add	176.44	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.05	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	211.72	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	294.06	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	470.50	
For >50 To 100, Deduct	-29.89	
For >100, Deduct	-43.12	
08 14 16 00-0511 EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	610.27	71.44
For 7 Ply Cold Press Construction, Deduct	-9.35	
For Stave Lumber Core (SLC), Add	350.54	
For Structural Composite Lumber Core (SCLC), Add	210.33	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	56.09	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	252.39	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	350.54	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	560.87	
For >50 To 100, Deduct	-34.09	
For >100, Deduct	-49.34	
08 14 16 00-0512 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	659.46	71.44
For 7 Ply Cold Press Construction, Deduct	-10.33	
For Stave Lumber Core (SLC), Add	387.44	
For Structural Composite Lumber Core (SCLC), Add	232.46	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	61.99	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	278.95	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	387.44	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	619.90	
For >50 To 100, Deduct	-36.55	
For >100, Deduct	-53.03	
08 14 16 00-0513 EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door	708.70	71.44
For 7 Ply Cold Press Construction, Deduct	-11.32	
For Stave Lumber Core (SLC), Add	424.37	
For Structural Composite Lumber Core (SCLC), Add	254.62	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.90	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	305.54	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	424.37	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	678.98	
For >50 To 100, Deduct	-39.01	
For >100, Deduct	-56.72	
08 14 16 00-0514 EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	492.39	62.87
For 7 Ply Cold Press Construction, Deduct	-7.33	
For Stave Lumber Core (SLC), Add	274.99	
For Structural Composite Lumber Core (SCLC), Add	164.99	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.00	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	197.99	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	274.99	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	439.98	
For >50 To 100, Deduct	-27.76	
For >100, Deduct	-40.07	
08 14 16 00-0515 EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	492.39	62.87
For 7 Ply Cold Press Construction, Deduct	-7.33	
For Stave Lumber Core (SLC), Add	274.99	
For Structural Composite Lumber Core (SCLC), Add	164.99	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.00	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	197.99	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	274.99	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	439.98	
For >50 To 100, Deduct	-27.76	
For >100, Deduct	-40.07	
08 14 16 00-0516 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	498.10	65.72
For 7 Ply Cold Press Construction, Deduct	-7.33	
For Stave Lumber Core (SLC), Add	274.99	
For Structural Composite Lumber Core (SCLC), Add	164.99	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.00	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	197.99	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	274.99	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	439.98	
For >50 To 100, Deduct	-28.19	
For >100, Deduct	-40.64	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0517	EA	2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	501.86	65.72
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.41	
		<i>For Stave Lumber Core (SLC), Add</i>	277.81	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	166.68	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.45	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	200.02	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	277.81	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	444.49	
		<i>For >50 To 100, Deduct</i>	-28.38	
		<i>For >100, Deduct</i>	-40.93	
08 14 16 00-0518	EA	2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	503.57	65.72
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.44	
		<i>For Stave Lumber Core (SLC), Add</i>	279.09	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	167.45	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.65	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	200.94	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	279.09	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	446.54	
		<i>For >50 To 100, Deduct</i>	-28.46	
		<i>For >100, Deduct</i>	-41.05	
08 14 16 00-0519	EA	3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	510.99	68.58
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-7.48	
		<i>For Stave Lumber Core (SLC), Add</i>	280.37	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	168.22	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.86	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	201.87	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	280.37	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	448.60	
		<i>For >50 To 100, Deduct</i>	-28.98	
		<i>For >100, Deduct</i>	-41.75	
08 14 16 00-0520	EA	3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	552.05	68.58
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.30	
		<i>For Stave Lumber Core (SLC), Add</i>	311.17	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	186.70	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.79	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	224.04	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	311.17	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	497.87	
		<i>For >50 To 100, Deduct</i>	-31.03	
		<i>For >100, Deduct</i>	-44.83	
08 14 16 00-0521	EA	3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	637.47	71.44
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.89	
		<i>For Stave Lumber Core (SLC), Add</i>	370.94	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	222.57	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	59.35	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	267.08	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	370.94	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	593.51	
		<i>For >50 To 100, Deduct</i>	-35.45	
		<i>For >100, Deduct</i>	-51.38	
08 14 16 00-0522	EA	3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	689.54	71.44
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.93	
		<i>For Stave Lumber Core (SLC), Add</i>	410.00	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	246.00	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	65.60	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	295.20	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	410.00	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	655.99	
		<i>For >50 To 100, Deduct</i>	-38.05	
		<i>For >100, Deduct</i>	-55.29	
08 14 16 00-0523	EA	4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	741.64	71.44
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.98	
		<i>For Stave Lumber Core (SLC), Add</i>	449.07	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	269.44	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	71.85	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	323.33	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	449.07	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	718.51	
		<i>For >50 To 100, Deduct</i>	-40.65	
		<i>For >100, Deduct</i>	-59.20	
08 14 16 00-0524	EA	2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	563.87	62.87
		<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.76	
		<i>For Stave Lumber Core (SLC), Add</i>	328.60	
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	197.16	
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.58	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	236.59	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	328.60	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	525.76	
		<i>For >50 To 100, Deduct</i>	-31.34	
		<i>For >100, Deduct</i>	-45.43	
		<i>For 9' Door Height, Add</i>	92.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0525	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	563.87	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.76	
			<i>For Stave Lumber Core (SLC), Add</i>	328.60	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	197.16	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.58	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	236.59	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	328.60	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	525.76	
			<i>For >50 To 100, Deduct</i>	-31.34	
			<i>For >100, Deduct</i>	-45.43	
			<i>For 9' Door Height, Add</i>	92.01	
08 14 16 00-0526	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	569.58	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.76	
			<i>For Stave Lumber Core (SLC), Add</i>	328.60	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	197.16	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.58	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	236.59	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	328.60	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	525.76	
			<i>For >50 To 100, Deduct</i>	-31.77	
			<i>For >100, Deduct</i>	-46.00	
			<i>For 9' Door Height, Add</i>	92.01	
08 14 16 00-0527	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	574.09	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.85	
			<i>For Stave Lumber Core (SLC), Add</i>	331.98	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	199.19	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.12	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	239.03	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	331.98	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	531.17	
			<i>For >50 To 100, Deduct</i>	-31.99	
			<i>For >100, Deduct</i>	-46.34	
			<i>For 9' Door Height, Add</i>	92.95	
08 14 16 00-0528	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	576.14	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.89	
			<i>For Stave Lumber Core (SLC), Add</i>	333.52	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	200.11	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.36	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	240.13	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	333.52	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	533.63	
			<i>For >50 To 100, Deduct</i>	-32.09	
			<i>For >100, Deduct</i>	-46.50	
			<i>For 9' Door Height, Add</i>	93.38	
08 14 16 00-0529	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	583.88	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-8.93	
			<i>For Stave Lumber Core (SLC), Add</i>	335.04	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	201.02	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.61	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	241.23	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	335.04	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	536.06	
			<i>For >50 To 100, Deduct</i>	-32.62	
			<i>For >100, Deduct</i>	-47.22	
			<i>For 9' Door Height, Add</i>	93.81	
08 14 16 00-0530	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	632.95	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-9.92	
			<i>For Stave Lumber Core (SLC), Add</i>	371.84	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	223.11	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	59.49	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	267.73	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	371.84	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	594.95	
			<i>For >50 To 100, Deduct</i>	-35.08	
			<i>For >100, Deduct</i>	-50.90	
			<i>For 9' Door Height, Add</i>	104.12	
08 14 16 00-0531	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	733.91	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.82	
			<i>For Stave Lumber Core (SLC), Add</i>	443.27	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	265.96	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	70.92	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	319.16	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	443.27	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	709.24	
			<i>For >50 To 100, Deduct</i>	-40.27	
			<i>For >100, Deduct</i>	-58.62	
			<i>For 9' Door Height, Add</i>	124.12	
08 14 16 00-0532	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	796.13	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.07	
			<i>For Stave Lumber Core (SLC), Add</i>	489.94	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	293.96	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	78.39	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	352.76	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	489.94	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	783.90	
			<i>For >50 To 100, Deduct</i>	-43.38	
			<i>For >100, Deduct</i>	-63.28	
			<i>For 9' Door Height, Add</i>	137.18	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0533	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Maple Faced Wood Door.....	858.38	71.44
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.31	
			<i>For Stave Lumber Core (SLC), Add</i>	536.63	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	321.98	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	85.86	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	386.37	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	536.63	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	858.60	
			<i>For >50 To 100, Deduct</i>	-46.49	
			<i>For >100, Deduct</i>	-67.95	
			<i>For 9' Door Height, Add</i>	150.26	
08 14 16 00-0534			Walnut Faced Wood Doors <small>(08 14 16 00-0440)</small>		
08 14 16 00-0535	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	654.63	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.58	
			<i>For Stave Lumber Core (SLC), Add</i>	396.67	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	238.00	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.47	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	285.60	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	396.67	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	634.67	
			<i>For >50 To 100, Deduct</i>	-35.88	
			<i>For >100, Deduct</i>	-52.24	
08 14 16 00-0536	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	654.63	62.87
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.58	
			<i>For Stave Lumber Core (SLC), Add</i>	396.67	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	238.00	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.47	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	285.60	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	396.67	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	634.67	
			<i>For >50 To 100, Deduct</i>	-35.88	
			<i>For >100, Deduct</i>	-52.24	
08 14 16 00-0537	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	660.51	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.58	
			<i>For Stave Lumber Core (SLC), Add</i>	396.80	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	238.08	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	63.49	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	285.69	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	396.80	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	634.87	
			<i>For >50 To 100, Deduct</i>	-36.31	
			<i>For >100, Deduct</i>	-52.82	
08 14 16 00-0538	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	665.96	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.69	
			<i>For Stave Lumber Core (SLC), Add</i>	400.88	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	240.53	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	64.14	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	288.64	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	400.88	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	641.41	
			<i>For >50 To 100, Deduct</i>	-36.58	
			<i>For >100, Deduct</i>	-53.23	
08 14 16 00-0539	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	680.22	65.72
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-10.98	
			<i>For Stave Lumber Core (SLC), Add</i>	411.58	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	246.95	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	65.85	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	296.34	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	411.58	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	658.52	
			<i>For >50 To 100, Deduct</i>	-37.30	
			<i>For >100, Deduct</i>	-54.30	
08 14 16 00-0540	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	700.16	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-11.26	
			<i>For Stave Lumber Core (SLC), Add</i>	422.25	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	253.35	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	67.56	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	304.02	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	422.25	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	675.60	
			<i>For >50 To 100, Deduct</i>	-38.44	
			<i>For >100, Deduct</i>	-55.94	
08 14 16 00-0541	EA		3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	737.13	68.58
			<i>For 7 Ply Cold Press Construction, Deduct</i>	-12.00	
			<i>For Stave Lumber Core (SLC), Add</i>	449.98	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	269.99	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	72.00	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	323.98	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	449.98	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	719.96	
			<i>For >50 To 100, Deduct</i>	-40.29	
			<i>For >100, Deduct</i>	-58.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0542 EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	898.91	71.44
For 7 Ply Cold Press Construction, Deduct	-15.12	
For Stave Lumber Core (SLC), Add	567.02	
For Structural Composite Lumber Core (SCLC), Add	340.21	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	90.72	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	408.26	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	567.02	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	907.24	
For >50 To 100, Deduct	-48.52	
For >100, Deduct	-70.99	
08 14 16 00-0543 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	936.69	71.44
For 7 Ply Cold Press Construction, Deduct	-15.88	
For Stave Lumber Core (SLC), Add	595.36	
For Structural Composite Lumber Core (SCLC), Add	357.21	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	95.26	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	428.66	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	595.36	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	952.57	
For >50 To 100, Deduct	-50.41	
For >100, Deduct	-73.82	
08 14 16 00-0544 EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	1,012.34	71.44
For 7 Ply Cold Press Construction, Deduct	-17.39	
For Stave Lumber Core (SLC), Add	652.10	
For Structural Composite Lumber Core (SCLC), Add	391.26	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	104.34	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	469.51	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	652.10	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	1,043.35	
For >50 To 100, Deduct	-54.19	
For >100, Deduct	-79.50	
08 14 16 00-0545 EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	685.41	62.87
For 7 Ply Cold Press Construction, Deduct	-11.19	
For Stave Lumber Core (SLC), Add	419.75	
For Structural Composite Lumber Core (SCLC), Add	251.85	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.16	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	302.22	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	419.75	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	671.60	
For >50 To 100, Deduct	-37.41	
For >100, Deduct	-54.55	
08 14 16 00-0546 EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	685.41	62.87
For 7 Ply Cold Press Construction, Deduct	-11.19	
For Stave Lumber Core (SLC), Add	419.75	
For Structural Composite Lumber Core (SCLC), Add	251.85	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.16	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	302.22	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	419.75	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	671.60	
For >50 To 100, Deduct	-37.41	
For >100, Deduct	-54.55	
08 14 16 00-0547 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	691.29	65.72
For 7 Ply Cold Press Construction, Deduct	-11.20	
For Stave Lumber Core (SLC), Add	419.88	
For Structural Composite Lumber Core (SCLC), Add	251.93	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.18	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	302.31	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	419.88	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	671.81	
For >50 To 100, Deduct	-37.85	
For >100, Deduct	-55.13	
08 14 16 00-0548 EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	697.07	65.72
For 7 Ply Cold Press Construction, Deduct	-11.31	
For Stave Lumber Core (SLC), Add	424.22	
For Structural Composite Lumber Core (SCLC), Add	254.53	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	67.87	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	305.43	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	424.22	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	678.74	
For >50 To 100, Deduct	-38.14	
For >100, Deduct	-55.57	
08 14 16 00-0549 EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door.....	712.16	65.72
For 7 Ply Cold Press Construction, Deduct	-11.61	
For Stave Lumber Core (SLC), Add	435.53	
For Structural Composite Lumber Core (SCLC), Add	261.32	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	69.69	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	313.58	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	435.53	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	696.85	
For >50 To 100, Deduct	-38.89	
For >100, Deduct	-56.70	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0550	EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	732.91 -11.92 446.81 268.09 71.49 321.71 446.81 714.90 -40.07 -58.40	68.58
08 14 16 00-0551	EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	732.06 -12.70 476.18 285.71 76.19 342.85 476.18 761.88 -42.03 -61.33	68.58
08 14 16 00-0552	EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	942.89 -16.00 600.01 360.00 96.00 432.01 600.01 960.01 -50.72 -74.29	71.44
08 14 16 00-0553	EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	982.89 -16.80 630.01 378.00 100.80 453.61 630.01 1,008.01 -52.72 -77.29	71.44
08 14 16 00-0554	EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	1,062.93 -18.40 690.04 414.02 110.41 496.83 690.04 1,104.06 -56.72 -83.29	71.44
08 14 16 00-0555	EA 2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	794.55 -13.38 501.61 300.96 80.26 361.16 501.61 802.57 -42.87 -62.73 140.45	62.87
08 14 16 00-0556	EA 2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	794.55 -13.38 501.61 300.96 80.26 361.16 501.61 802.57 -42.87 -62.73 140.45	62.87
08 14 16 00-0557	EA 2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door <i>For 7 Ply Cold Press Construction, Deduct</i> <i>For Stave Lumber Core (SLC), Add</i> <i>For Structural Composite Lumber Core (SCLC), Add</i> <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	800.46 -13.38 501.76 301.05 80.28 361.27 501.76 802.81 -43.31 -63.32 140.49	65.72

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0558	EA			2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 807.37		65.72
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.52	
				<i>For Stave Lumber Core (SLC), Add</i>	506.94	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	304.16	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	81.11	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	365.00	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	506.94	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	811.10	
				<i>For >50 To 100, Deduct</i>	-43.65	
				<i>For >100, Deduct</i>	-63.84	
				<i>For 9' Door Height, Add</i>	141.94	
08 14 16 00-0559	EA			2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 825.38		65.72
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-13.88	
				<i>For Stave Lumber Core (SLC), Add</i>	520.45	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	312.27	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	83.27	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	374.72	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	520.45	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	832.72	
				<i>For >50 To 100, Deduct</i>	-44.56	
				<i>For >100, Deduct</i>	-65.19	
				<i>For 9' Door Height, Add</i>	145.73	
08 14 16 00-0560	EA			3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 849.10		68.58
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-14.24	
				<i>For Stave Lumber Core (SLC), Add</i>	533.96	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	320.37	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	85.43	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	384.45	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	533.96	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	854.33	
				<i>For >50 To 100, Deduct</i>	-45.88	
				<i>For >100, Deduct</i>	-67.11	
				<i>For 9' Door Height, Add</i>	149.51	
08 14 16 00-0561	EA			3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 895.88		68.58
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-15.17	
				<i>For Stave Lumber Core (SLC), Add</i>	569.04	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	341.42	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	91.05	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	409.71	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	569.04	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	910.46	
				<i>For >50 To 100, Deduct</i>	-48.22	
				<i>For >100, Deduct</i>	-70.62	
				<i>For 9' Door Height, Add</i>	159.33	
08 14 16 00-0562	EA			3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 1,098.91		71.44
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-19.12	
				<i>For Stave Lumber Core (SLC), Add</i>	717.02	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	430.21	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	114.72	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	516.26	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	717.02	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	1,147.24	
				<i>For >50 To 100, Deduct</i>	-58.52	
				<i>For >100, Deduct</i>	-85.99	
				<i>For 9' Door Height, Add</i>	200.77	
08 14 16 00-0563	EA			3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 1,146.71		71.44
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-20.08	
				<i>For Stave Lumber Core (SLC), Add</i>	752.87	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	451.72	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	120.46	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	542.07	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	752.87	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	1,204.60	
				<i>For >50 To 100, Deduct</i>	-60.91	
				<i>For >100, Deduct</i>	-89.58	
				<i>For 9' Door Height, Add</i>	210.80	
08 14 16 00-0564	EA			4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Walnut Faced Wood Door 1,242.33		71.44
				<i>For 7 Ply Cold Press Construction, Deduct</i>	-21.99	
				<i>For Stave Lumber Core (SLC), Add</i>	824.59	
				<i>For Structural Composite Lumber Core (SCLC), Add</i>	494.75	
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	131.93	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	593.70	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	824.59	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	1,319.34	
				<i>For >50 To 100, Deduct</i>	-65.69	
				<i>For >100, Deduct</i>	-96.75	
				<i>For 9' Door Height, Add</i>	230.88	
08 14 16 00-0565				Lauan Faced Wood Doors <small>(08 14 16 00-0440)</small>		
08 14 16 00-0566	EA			2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door 413.94		62.87
				<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	34.58	
				<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	155.63	
				<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	216.15	
				<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	345.84	
				<i>For >50 To 100, Deduct</i>	-23.84	
				<i>For >100, Deduct</i>	-34.19	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0567	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	413.94	62.87
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.58	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	155.63	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	216.15	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	345.84	
			For >50 To 100, Deduct	-23.84	
			For >100, Deduct	-34.19	
08 14 16 00-0568	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	420.48	65.72
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.68	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	156.08	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	216.77	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	346.84	
			For >50 To 100, Deduct	-24.31	
			For >100, Deduct	-34.82	
08 14 16 00-0569	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	428.79	65.72
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.68	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	160.56	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	223.01	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	356.81	
			For >50 To 100, Deduct	-24.73	
			For >100, Deduct	-35.45	
08 14 16 00-0570	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	431.79	65.72
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.04	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	162.18	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	225.26	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	360.41	
			For >50 To 100, Deduct	-24.88	
			For >100, Deduct	-35.67	
08 14 16 00-0571	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	440.50	68.58
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.40	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.80	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.51	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.01	
			For >50 To 100, Deduct	-25.45	
			For >100, Deduct	-36.47	
08 14 16 00-0572	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	467.91	68.58
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	39.69	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	178.61	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	248.06	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	396.90	
			For >50 To 100, Deduct	-26.82	
			For >100, Deduct	-38.52	
08 14 16 00-0573	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	497.22	71.44
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.52	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	191.34	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	265.76	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	425.21	
			For >50 To 100, Deduct	-28.43	
			For >100, Deduct	-40.86	
08 14 16 00-0574	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	514.94	71.44
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.65	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	200.91	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	279.05	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	446.47	
			For >50 To 100, Deduct	-29.32	
			For >100, Deduct	-42.19	
08 14 16 00-0575	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	550.39	71.44
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	48.90	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	220.06	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	305.63	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	489.01	
			For >50 To 100, Deduct	-31.09	
			For >100, Deduct	-44.85	
08 14 16 00-0576	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	430.70	62.87
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.60	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.68	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.72	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.95	
			For >50 To 100, Deduct	-24.68	
			For >100, Deduct	-35.45	
08 14 16 00-0577	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	430.69	62.87
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.59	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	164.67	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	228.71	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	365.94	
			For >50 To 100, Deduct	-24.68	
			For >100, Deduct	-35.45	
08 14 16 00-0578	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	437.29	65.72
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.70	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	165.15	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	229.38	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	367.01	
			For >50 To 100, Deduct	-25.15	
			For >100, Deduct	-36.08	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0579	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	446.07 37.75 169.89 235.97 377.54 -25.59 -36.74	65.72
08 14 16 00-0580	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	449.28 38.14 171.63 238.37 381.40 -25.75 -36.98	65.72
08 14 16 00-0581	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	458.15 38.52 173.33 240.74 385.19 -26.34 -37.79	68.58
08 14 16 00-0582	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	487.16 42.00 189.00 262.50 420.00 -27.79 -39.97	68.58
08 14 16 00-0583	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	517.85 45.00 202.48 281.23 449.96 -29.46 -42.41	71.44
08 14 16 00-0584	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	536.59 47.25 212.60 295.28 472.45 -30.40 -43.82	71.44
08 14 16 00-0585	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	574.12 51.75 232.87 323.43 517.49 -32.28 -46.63	71.44
08 14 16 00-0586	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	490.14 43.73 196.78 273.30 437.28 -27.65 -39.90 76.52	62.87
08 14 16 00-0587	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	490.14 43.73 196.78 273.30 437.28 -27.65 -39.90 76.52	62.87
08 14 16 00-0588	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	496.91 43.86 197.35 274.10 438.55 -28.13 -40.55 76.75	65.72
08 14 16 00-0589	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door <i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i> <i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i> <i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 9' Door Height, Add</i>	507.44 45.12 203.03 281.99 451.19 -28.66 -41.34 78.96	65.72

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0590	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door.....	511.27	65.72
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	45.58	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	205.10	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	284.87	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	455.78	
			<i>For >50 To 100, Deduct</i>	-28.85	
			<i>For >100, Deduct</i>	-41.63	
			<i>For 9' Door Height, Add</i>	79.76	
08 14 16 00-0591	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	520.76	68.58
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	46.03	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	207.14	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	287.70	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	460.32	
			<i>For >50 To 100, Deduct</i>	-29.47	
			<i>For >100, Deduct</i>	-42.49	
			<i>For 9' Door Height, Add</i>	80.56	
08 14 16 00-0592	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	555.43	68.58
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	50.19	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	225.87	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	313.70	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	501.92	
			<i>For >50 To 100, Deduct</i>	-31.20	
			<i>For >100, Deduct</i>	-45.09	
			<i>For 9' Door Height, Add</i>	87.84	
08 14 16 00-0593	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	590.96	71.44
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	53.77	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	241.96	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	336.06	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	537.70	
			<i>For >50 To 100, Deduct</i>	-33.12	
			<i>For >100, Deduct</i>	-47.89	
			<i>For 9' Door Height, Add</i>	94.10	
08 14 16 00-0594	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	613.35	71.44
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	56.46	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	254.05	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	352.85	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	564.56	
			<i>For >50 To 100, Deduct</i>	-34.24	
			<i>For >100, Deduct</i>	-49.57	
			<i>For 9' Door Height, Add</i>	98.80	
08 14 16 00-0595	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), Lauan Faced Wood Door	658.21	71.44
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	61.84	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	278.28	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	386.50	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	618.40	
			<i>For >50 To 100, Deduct</i>	-36.48	
			<i>For >100, Deduct</i>	-52.94	
			<i>For 9' Door Height, Add</i>	108.22	
08 14 16 00-0596			Medium Density Overlay (MDO) Wood Doors <small>(08 14 16 00-0440)</small>		
08 14 16 00-0597	EA		2'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	342.75	62.87
			<i>For Stave Lumber Core (SLC), Add</i>	162.76	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	97.65	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	26.04	
			<i>For >50 To 100, Deduct</i>	-20.28	
			<i>For >100, Deduct</i>	-28.85	
08 14 16 00-0598	EA		2'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	342.75	62.87
			<i>For Stave Lumber Core (SLC), Add</i>	162.76	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	97.65	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	26.04	
			<i>For >50 To 100, Deduct</i>	-20.28	
			<i>For >100, Deduct</i>	-28.85	
08 14 16 00-0599	EA		2'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	361.03	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	172.19	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	103.31	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	27.55	
			<i>For >50 To 100, Deduct</i>	-21.34	
			<i>For >100, Deduct</i>	-30.36	
08 14 16 00-0600	EA		2'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	373.57	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	181.59	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	108.95	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.05	
			<i>For >50 To 100, Deduct</i>	-21.96	
			<i>For >100, Deduct</i>	-31.30	
08 14 16 00-0601	EA		2'-10" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	375.90	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	183.34	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	110.00	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.33	
			<i>For >50 To 100, Deduct</i>	-22.08	
			<i>For >100, Deduct</i>	-31.48	
08 14 16 00-0602	EA		3'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door	383.98	68.58
			<i>For Stave Lumber Core (SLC), Add</i>	185.12	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	111.07	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.62	
			<i>For >50 To 100, Deduct</i>	-22.63	
			<i>For >100, Deduct</i>	-32.23	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0603 EA 3'-4" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 411.18		68.58
For Stave Lumber Core (SLC), Add	205.52	
For Structural Composite Lumber Core (SCLC), Add	123.31	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	32.88	
For >50 To 100, Deduct	-23.99	
For >100, Deduct	-34.27	
08 14 16 00-0604 EA 3'-6" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 466.58		71.44
For Stave Lumber Core (SLC), Add	242.78	
For Structural Composite Lumber Core (SCLC), Add	145.67	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.84	
For >50 To 100, Deduct	-26.90	
For >100, Deduct	-38.57	
08 14 16 00-0605 EA 3'-8" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 482.78		71.44
For Stave Lumber Core (SLC), Add	254.93	
For Structural Composite Lumber Core (SCLC), Add	152.96	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.79	
For >50 To 100, Deduct	-27.71	
For >100, Deduct	-39.78	
08 14 16 00-0606 EA 4'-0" x 6'-8" x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 515.12		71.44
For Stave Lumber Core (SLC), Add	279.18	
For Structural Composite Lumber Core (SCLC), Add	167.51	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.67	
For >50 To 100, Deduct	-29.33	
For >100, Deduct	-42.21	
08 14 16 00-0607 EA 2'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 355.39		62.87
For Stave Lumber Core (SLC), Add	172.24	
For Structural Composite Lumber Core (SCLC), Add	103.34	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.56	
For >50 To 100, Deduct	-20.91	
For >100, Deduct	-29.80	
08 14 16 00-0608 EA 2'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 355.39		62.87
For Stave Lumber Core (SLC), Add	172.24	
For Structural Composite Lumber Core (SCLC), Add	103.34	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	27.56	
For >50 To 100, Deduct	-20.91	
For >100, Deduct	-29.80	
08 14 16 00-0609 EA 2'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 374.40		65.72
For Stave Lumber Core (SLC), Add	182.21	
For Structural Composite Lumber Core (SCLC), Add	109.33	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.15	
For >50 To 100, Deduct	-22.01	
For >100, Deduct	-31.37	
08 14 16 00-0610 EA 2'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 387.67		65.72
For Stave Lumber Core (SLC), Add	192.17	
For Structural Composite Lumber Core (SCLC), Add	115.30	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	30.75	
For >50 To 100, Deduct	-22.67	
For >100, Deduct	-32.36	
08 14 16 00-0611 EA 2'-10" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 390.14		65.72
For Stave Lumber Core (SLC), Add	194.02	
For Structural Composite Lumber Core (SCLC), Add	116.41	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.04	
For >50 To 100, Deduct	-22.79	
For >100, Deduct	-32.55	
08 14 16 00-0612 EA 3'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 398.35		68.58
For Stave Lumber Core (SLC), Add	195.89	
For Structural Composite Lumber Core (SCLC), Add	117.54	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	31.34	
For >50 To 100, Deduct	-23.35	
For >100, Deduct	-33.31	
08 14 16 00-0613 EA 3'-4" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 427.12		68.58
For Stave Lumber Core (SLC), Add	217.47	
For Structural Composite Lumber Core (SCLC), Add	130.48	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.80	
For >50 To 100, Deduct	-24.79	
For >100, Deduct	-35.46	
08 14 16 00-0614 EA 3'-6" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 485.42		71.44
For Stave Lumber Core (SLC), Add	256.91	
For Structural Composite Lumber Core (SCLC), Add	154.14	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.10	
For >50 To 100, Deduct	-27.84	
For >100, Deduct	-39.98	
08 14 16 00-0615 EA 3'-8" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 502.55		71.44
For Stave Lumber Core (SLC), Add	269.75	
For Structural Composite Lumber Core (SCLC), Add	161.85	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.16	
For >50 To 100, Deduct	-28.70	
For >100, Deduct	-41.26	
08 14 16 00-0616 EA 4'-0" x 7' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door 536.79		71.44
For Stave Lumber Core (SLC), Add	295.43	
For Structural Composite Lumber Core (SCLC), Add	177.26	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.27	
For >50 To 100, Deduct	-30.41	
For >100, Deduct	-43.83	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 16 00-0617	EA		2'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	400.16	62.87
			<i>For Stave Lumber Core (SLC), Add</i>	205.82	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	123.49	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.93	
			<i>For >50 To 100, Deduct</i>	-23.15	
			<i>For >100, Deduct</i>	-33.16	
			<i>For 9' Door Height, Add</i>	57.63	
08 14 16 00-0618	EA		2'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	400.16	62.87
			<i>For Stave Lumber Core (SLC), Add</i>	205.82	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	123.49	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.93	
			<i>For >50 To 100, Deduct</i>	-23.15	
			<i>For >100, Deduct</i>	-33.16	
			<i>For 9' Door Height, Add</i>	57.63	
08 14 16 00-0619	EA		2'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	421.77	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	217.74	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	130.64	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	34.84	
			<i>For >50 To 100, Deduct</i>	-24.37	
			<i>For >100, Deduct</i>	-34.92	
			<i>For 9' Door Height, Add</i>	60.97	
08 14 16 00-0620	EA		2'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	437.64	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	229.64	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	137.79	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.74	
			<i>For >50 To 100, Deduct</i>	-25.17	
			<i>For >100, Deduct</i>	-36.11	
			<i>For 9' Door Height, Add</i>	64.30	
08 14 16 00-0621	EA		2'-10" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	440.58	65.72
			<i>For Stave Lumber Core (SLC), Add</i>	231.85	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	139.11	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.10	
			<i>For >50 To 100, Deduct</i>	-25.32	
			<i>For >100, Deduct</i>	-36.33	
			<i>For 9' Door Height, Add</i>	64.92	
08 14 16 00-0622	EA		3'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	449.29	68.58
			<i>For Stave Lumber Core (SLC), Add</i>	234.10	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	140.46	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	37.46	
			<i>For >50 To 100, Deduct</i>	-25.89	
			<i>For >100, Deduct</i>	-37.13	
			<i>For 9' Door Height, Add</i>	65.55	
08 14 16 00-0623	EA		3'-4" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	483.66	68.58
			<i>For Stave Lumber Core (SLC), Add</i>	259.88	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	155.93	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	41.58	
			<i>For >50 To 100, Deduct</i>	-27.61	
			<i>For >100, Deduct</i>	-39.70	
			<i>For 9' Door Height, Add</i>	72.77	
08 14 16 00-0624	EA		3'-6" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	552.20	71.44
			<i>For Stave Lumber Core (SLC), Add</i>	306.99	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	184.19	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	49.12	
			<i>For >50 To 100, Deduct</i>	-31.18	
			<i>For >100, Deduct</i>	-44.99	
			<i>For 9' Door Height, Add</i>	85.96	
08 14 16 00-0625	EA		3'-8" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	572.70	71.44
			<i>For Stave Lumber Core (SLC), Add</i>	322.37	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	193.42	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	51.58	
			<i>For >50 To 100, Deduct</i>	-32.21	
			<i>For >100, Deduct</i>	-46.52	
			<i>For 9' Door Height, Add</i>	90.26	
08 14 16 00-0626	EA		4'-0" x 8' x 1-3/4" Thick, 5 Ply, Particleboard Core (PC), Medium Density Overlay (MDO) Faced Wood Door.....	613.61	71.44
			<i>For Stave Lumber Core (SLC), Add</i>	353.05	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	211.83	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	56.49	
			<i>For >50 To 100, Deduct</i>	-34.25	
			<i>For >100, Deduct</i>	-49.59	
			<i>For 9' Door Height, Add</i>	98.85	
08 14 16 00-0627			Manufacturer Prefinished Options For Flush Wood Doors <small>(08 14 16)</small>		
08 14 16 00-0628	EA		Two Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....	72.45	
			Note: Includes (2) coats any standard manufacturer color on six sides.		
			<i>For Custom Color To Match Non-Standard Manufacturer Finish, Add</i>	24.13	
08 14 16 00-0629	EA		Three Coats, Clear Or Colored Catalyzed Polyurethane Factory Finish For Flush Wood Door.....	108.68	
			Note: Includes (3) coats any standard manufacturer color on six sides.		
			<i>For Custom Color To Match Non-Standard Manufacturer Finish, Add</i>	24.13	
08 14 16 00-0630			Exterior Doors, Premium Grade Door <small>(08 14 16)</small>		
			Note: Window and Door Manufacturers Association (WDMA), Plain slice, book matched, Grade A Premium, pre-finished		
08 14 16 00-0631	EA		3' x 7' x 1-3/4" Window and Door Manufacturers Association (WDMA), White Birch, Solid Wood.....	1,598.99	68.58
			<i>For >50 To 100, Deduct</i>	-83.38	
			<i>For >100, Deduct</i>	-123.35	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 16 00-0632 EA 3' x 7' x 1-3/4" Window and Door Manufacturers Association (WDMA), White Birch, Solid Wood, 20 Minute Fire Rated Doors 1,769.58 68.58 <i>For >50 To 100, Deduct -91.91</i> <i>For >100, Deduct -136.15</i>		
08 14 16 00-0633 EA 3' x 7' x 1-3/4" Window and Door Manufacturers Association (WDMA), White Birch, Solid Wood, 60 - 90 Minute Fire Rated Doors 1,975.47 68.58 <i>For >50 To 100, Deduct -102.20</i> <i>For >100, Deduct -151.59</i>		
08 14 16 00-0634 Semicircular Head Door, 1-3/4" Thick, Particleboard Core (PC), Wood Doors (08 14 16)		
08 14 16 00-0635 EA 2' x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door 2,474.44 50.30		
08 14 16 00-0636 EA 2'-4" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door 2,474.44 156.95		
08 14 16 00-0637 EA 2'-6" x 6'-9" x 1-3/4" Thick, Particleboard Core, Semicircular Head Birch Faced Wood Door 2,474.44 50.30		
08 14 23 Clad Wood Doors (08 14)		
08 14 23 13 Metal-Faced Wood Doors (08 14 23) See CSI section 08 70 00 00-0000 for finish hardware.		
08 14 23 13-0001 24 Gauge Metal Clad Door, 1-3/4" Thick, Solid Staved Wood Core (08 14 23 13)		
08 14 23 13-0002 EA 2' 6" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door 686.76 140.60		
08 14 23 13-0003 EA 2' 8" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door 734.83 154.32		
08 14 23 13-0004 EA 2' 10" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door 790.50 170.32		
08 14 23 13-0005 EA 3'-0" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door 825.51 176.03		
08 14 23 13-0006 EA 3' 4" x 7' x 1-3/4" Thick, 24 Gauge Metal Clad, Solid Staved Wood Core, Flush Type Door 884.47 193.75		
08 14 23 13-0007 EA 3' 8" x 7' x 1-3/4" Thick, Metal Clad Door, Solid Staved Wood Core, Flush Type Door 956.10 200.04		
08 14 23 16 Plastic-Laminate-Faced Wood Doors (08 14 23)		
08 14 23 16-0001 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors (08 14 23 16) Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 16-0002 EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 288.71 62.87 <i>For Structural Composite Lumber Core (SCLC), Add 73.34</i> <i>For 5 Ply Construction, Add 5.70</i> <i>For >50 To 100, Deduct -17.58</i> <i>For >100, Deduct -24.80</i>		
08 14 23 16-0003 EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 288.71 62.87 <i>For Structural Composite Lumber Core (SCLC), Add 73.34</i> <i>For 5 Ply Construction, Add 5.70</i> <i>For >50 To 100, Deduct -17.58</i> <i>For >100, Deduct -24.80</i>		
08 14 23 16-0004 EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 303.39 65.72 <i>For Structural Composite Lumber Core (SCLC), Add 77.37</i> <i>For 5 Ply Construction, Add 6.02</i> <i>For >50 To 100, Deduct -18.46</i> <i>For >100, Deduct -26.04</i>		
08 14 23 16-0005 EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 312.35 65.72 <i>For Structural Composite Lumber Core (SCLC), Add 81.41</i> <i>For 5 Ply Construction, Add 6.33</i> <i>For >50 To 100, Deduct -18.90</i> <i>For >100, Deduct -26.71</i>		
08 14 23 16-0006 EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 316.87 65.72 <i>For Structural Composite Lumber Core (SCLC), Add 83.44</i> <i>For 5 Ply Construction, Add 6.49</i> <i>For >50 To 100, Deduct -19.13</i> <i>For >100, Deduct -27.05</i>		
08 14 23 16-0007 EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 327.08 68.58 <i>For Structural Composite Lumber Core (SCLC), Add 85.46</i> <i>For 5 Ply Construction, Add 6.65</i> <i>For >50 To 100, Deduct -19.78</i> <i>For >100, Deduct -27.96</i>		
08 14 23 16-0008 EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 347.97 68.58 <i>For Structural Composite Lumber Core (SCLC), Add 94.86</i> <i>For 5 Ply Construction, Add 7.38</i> <i>For >50 To 100, Deduct -20.83</i> <i>For >100, Deduct -29.53</i>		
08 14 23 16-0009 EA 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door 367.18 71.44 <i>For Structural Composite Lumber Core (SCLC), Add 100.94</i> <i>For 5 Ply Construction, Add 7.85</i> <i>For >50 To 100, Deduct -21.93</i> <i>For >100, Deduct -31.11</i>		

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 14 23 16-0010	EA	2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	298.20		62.87
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	77.61		
		<i>For 5 Ply Construction, Add</i>	6.04		
		<i>For >50 To 100, Deduct</i>	-18.05		
		<i>For >100, Deduct</i>	-25.51		
08 14 23 16-0011	EA	2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	298.19		62.87
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	77.60		
		<i>For 5 Ply Construction, Add</i>	6.04		
		<i>For >50 To 100, Deduct</i>	-18.05		
		<i>For >100, Deduct</i>	-25.51		
08 14 23 16-0012	EA	2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	313.40		65.72
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	81.88		
		<i>For 5 Ply Construction, Add</i>	6.37		
		<i>For >50 To 100, Deduct</i>	-18.96		
		<i>For >100, Deduct</i>	-26.79		
08 14 23 16-0013	EA	2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	322.88		65.72
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	86.14		
		<i>For 5 Ply Construction, Add</i>	6.70		
		<i>For >50 To 100, Deduct</i>	-19.43		
		<i>For >100, Deduct</i>	-27.50		
08 14 23 16-0014	EA	2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	327.66		65.72
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	88.29		
		<i>For 5 Ply Construction, Add</i>	6.87		
		<i>For >50 To 100, Deduct</i>	-19.67		
		<i>For >100, Deduct</i>	-27.86		
08 14 23 16-0015	EA	3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	338.13		68.58
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	90.44		
		<i>For 5 Ply Construction, Add</i>	7.03		
		<i>For >50 To 100, Deduct</i>	-20.34		
		<i>For >100, Deduct</i>	-28.79		
08 14 23 16-0016	EA	3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	360.23		68.58
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	100.38		
		<i>For 5 Ply Construction, Add</i>	7.81		
		<i>For >50 To 100, Deduct</i>	-21.44		
		<i>For >100, Deduct</i>	-30.45		
08 14 23 16-0017	EA	3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	380.23		71.44
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	106.81		
		<i>For 5 Ply Construction, Add</i>	8.31		
		<i>For >50 To 100, Deduct</i>	-22.58		
		<i>For >100, Deduct</i>	-32.09		
08 14 23 16-0018	EA	2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	331.82		62.87
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	92.74		
		<i>For 5 Ply Construction, Add</i>	7.21		
		<i>For >50 To 100, Deduct</i>	-19.73		
		<i>For >100, Deduct</i>	-28.03		
08 14 23 16-0019	EA	2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	331.82		62.87
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	92.74		
		<i>For 5 Ply Construction, Add</i>	7.21		
		<i>For >50 To 100, Deduct</i>	-19.73		
		<i>For >100, Deduct</i>	-28.03		
08 14 23 16-0020	EA	2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	348.88		65.72
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	97.84		
		<i>For 5 Ply Construction, Add</i>	7.61		
		<i>For >50 To 100, Deduct</i>	-20.73		
		<i>For >100, Deduct</i>	-29.45		
08 14 23 16-0021	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	360.21		65.72
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	102.94		
		<i>For 5 Ply Construction, Add</i>	8.01		
		<i>For >50 To 100, Deduct</i>	-21.30		
		<i>For >100, Deduct</i>	-30.30		
08 14 23 16-0022	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	365.92		65.72
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	105.51		
		<i>For 5 Ply Construction, Add</i>	8.21		
		<i>For >50 To 100, Deduct</i>	-21.58		
		<i>For >100, Deduct</i>	-30.73		
08 14 23 16-0023	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	377.33		68.58
		<i>For Structural Composite Lumber Core (SCLC), Add</i>	108.08		
		<i>For 5 Ply Construction, Add</i>	8.41		
		<i>For >50 To 100, Deduct</i>	-22.30		
		<i>For >100, Deduct</i>	-31.73		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0024 EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	403.73	68.58
For Structural Composite Lumber Core (SCLC), Add	119.96	
For 5 Ply Construction, Add	9.33	
For >50 To 100, Deduct	-23.62	
For >100, Deduct	-33.71	
08 14 23 16-0025 EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	426.51	71.44
For Structural Composite Lumber Core (SCLC), Add	127.63	
For 5 Ply Construction, Add	9.93	
For >50 To 100, Deduct	-24.90	
For >100, Deduct	-35.56	
08 14 23 16-0026 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Doors <small>(08 14 23 16)</small>		
<small>Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.</small>		
08 14 23 16-0027 EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	403.40	62.87
For 5 Ply Construction, Add	9.72	
For Stave Lumber Core (SLC), Add	208.25	
For Structural Composite Lumber Core (SCLC), Add	124.95	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.32	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	149.94	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	208.25	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	333.19	
For >50 To 100, Deduct	-23.31	
For >100, Deduct	-33.40	
08 14 23 16-0028 EA 2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	403.38	62.87
For 5 Ply Construction, Add	9.72	
For Stave Lumber Core (SLC), Add	208.23	
For Structural Composite Lumber Core (SCLC), Add	124.94	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.32	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	149.93	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	208.23	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	333.17	
For >50 To 100, Deduct	-23.31	
For >100, Deduct	-33.40	
08 14 23 16-0029 EA 2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	417.78	65.72
For 5 Ply Construction, Add	10.02	
For Stave Lumber Core (SLC), Add	214.75	
For Structural Composite Lumber Core (SCLC), Add	128.85	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.36	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	154.62	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	214.75	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	343.60	
For >50 To 100, Deduct	-24.18	
For >100, Deduct	-34.62	
08 14 23 16-0030 EA 2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	417.78	65.72
For 5 Ply Construction, Add	10.02	
For Stave Lumber Core (SLC), Add	214.75	
For Structural Composite Lumber Core (SCLC), Add	128.85	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.36	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	154.62	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	214.75	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	343.60	
For >50 To 100, Deduct	-24.18	
For >100, Deduct	-34.62	
08 14 23 16-0031 EA 2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	434.98	65.72
For 5 Ply Construction, Add	10.62	
For Stave Lumber Core (SLC), Add	227.65	
For Structural Composite Lumber Core (SCLC), Add	136.59	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.42	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.91	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.65	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	364.24	
For >50 To 100, Deduct	-25.04	
For >100, Deduct	-35.91	
08 14 23 16-0032 EA 3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	457.88	68.58
For 5 Ply Construction, Add	11.23	
For Stave Lumber Core (SLC), Add	240.54	
For Structural Composite Lumber Core (SCLC), Add	144.32	
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.49	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.19	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	240.54	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	384.86	
For >50 To 100, Deduct	-26.32	
For >100, Deduct	-37.77	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 23 16-0033	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	475.46	68.58
		For 5 Ply Construction, Add	11.84	
		For Stave Lumber Core (SLC), Add	253.73	
		For Structural Composite Lumber Core (SCLC), Add	152.24	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.60	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	182.68	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	253.73	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	405.96	
		For >50 To 100, Deduct	-27.20	
		For >100, Deduct	-39.09	
08 14 23 16-0034	EA	3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	489.96	71.44
		For 5 Ply Construction, Add	12.15	
		For Stave Lumber Core (SLC), Add	260.31	
		For Structural Composite Lumber Core (SCLC), Add	156.19	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	41.65	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	187.42	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	260.31	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	416.50	
		For >50 To 100, Deduct	-28.07	
		For >100, Deduct	-40.32	
08 14 23 16-0035	EA	3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	507.30	71.44
		For 5 Ply Construction, Add	12.75	
		For Stave Lumber Core (SLC), Add	273.32	
		For Structural Composite Lumber Core (SCLC), Add	163.99	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	43.73	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	196.79	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	273.32	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	437.30	
		For >50 To 100, Deduct	-28.94	
		For >100, Deduct	-41.62	
08 14 23 16-0036	EA	4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	553.45	77.16
		For 5 Ply Construction, Add	13.97	
		For Stave Lumber Core (SLC), Add	299.35	
		For Structural Composite Lumber Core (SCLC), Add	179.61	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	47.90	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	215.53	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	299.35	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	478.96	
		For >50 To 100, Deduct	-31.53	
		For >100, Deduct	-45.37	
08 14 23 16-0037	EA	2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	419.56	62.87
		For 5 Ply Construction, Add	10.28	
		For Stave Lumber Core (SLC), Add	220.37	
		For Structural Composite Lumber Core (SCLC), Add	132.22	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.26	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	158.66	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	220.37	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	352.58	
		For >50 To 100, Deduct	-24.12	
		For >100, Deduct	-34.61	
08 14 23 16-0038	EA	2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	419.54	62.87
		For 5 Ply Construction, Add	10.28	
		For Stave Lumber Core (SLC), Add	220.35	
		For Structural Composite Lumber Core (SCLC), Add	132.21	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.26	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	158.65	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	220.35	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	352.56	
		For >50 To 100, Deduct	-24.12	
		For >100, Deduct	-34.61	
08 14 23 16-0039	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	434.45	65.72
		For 5 Ply Construction, Add	10.61	
		For Stave Lumber Core (SLC), Add	227.25	
		For Structural Composite Lumber Core (SCLC), Add	136.35	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.36	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.62	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.25	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	363.60	
		For >50 To 100, Deduct	-25.01	
		For >100, Deduct	-35.87	
08 14 23 16-0040	EA	2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	434.45	65.72
		For 5 Ply Construction, Add	10.61	
		For Stave Lumber Core (SLC), Add	227.25	
		For Structural Composite Lumber Core (SCLC), Add	136.35	
		For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	36.36	
		For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	163.62	
		For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	227.25	
		For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	363.60	
		For >50 To 100, Deduct	-25.01	
		For >100, Deduct	-35.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 16-0041	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	452.64	65.72
			For 5 Ply Construction, Add	11.24	
			For Stave Lumber Core (SLC), Add	240.89	
			For Structural Composite Lumber Core (SCLC), Add	144.54	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.54	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	173.44	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	240.89	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	385.43	
			For >50 To 100, Deduct	-25.92	
			For >100, Deduct	-37.23	
08 14 23 16-0042	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	476.55	68.58
			For 5 Ply Construction, Add	11.88	
			For Stave Lumber Core (SLC), Add	254.54	
			For Structural Composite Lumber Core (SCLC), Add	152.73	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	40.73	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	183.27	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	254.54	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	407.27	
			For >50 To 100, Deduct	-27.26	
			For >100, Deduct	-39.17	
08 14 23 16-0043	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	495.14	68.58
			For 5 Ply Construction, Add	12.53	
			For Stave Lumber Core (SLC), Add	268.49	
			For Structural Composite Lumber Core (SCLC), Add	161.09	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.96	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	193.31	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	268.49	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	429.58	
			For >50 To 100, Deduct	-28.19	
			For >100, Deduct	-40.56	
08 14 23 16-0044	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	510.15	71.44
			For 5 Ply Construction, Add	12.85	
			For Stave Lumber Core (SLC), Add	275.45	
			For Structural Composite Lumber Core (SCLC), Add	165.27	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	44.07	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	198.33	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	275.45	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	440.72	
			For >50 To 100, Deduct	-29.08	
			For >100, Deduct	-41.83	
08 14 23 16-0045	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	528.51	71.44
			For 5 Ply Construction, Add	13.50	
			For Stave Lumber Core (SLC), Add	289.22	
			For Structural Composite Lumber Core (SCLC), Add	173.53	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	46.28	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	208.24	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	289.22	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	462.76	
			For >50 To 100, Deduct	-30.00	
			For >100, Deduct	-43.21	
08 14 23 16-0046	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	576.68	77.16
			For 5 Ply Construction, Add	14.78	
			For Stave Lumber Core (SLC), Add	316.77	
			For Structural Composite Lumber Core (SCLC), Add	190.06	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	50.68	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	228.07	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	316.77	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	506.63	
			For >50 To 100, Deduct	-32.69	
			For >100, Deduct	-47.11	
08 14 23 16-0047	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	476.86	62.87
			For 5 Ply Construction, Add	12.29	
			For Stave Lumber Core (SLC), Add	263.34	
			For Structural Composite Lumber Core (SCLC), Add	158.00	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.13	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	189.60	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	263.34	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	421.34	
			For >50 To 100, Deduct	-26.99	
			For >100, Deduct	-38.91	
08 14 23 16-0048	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door	476.84	62.87
			For 5 Ply Construction, Add	12.29	
			For Stave Lumber Core (SLC), Add	263.33	
			For Structural Composite Lumber Core (SCLC), Add	158.00	
			For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	42.13	
			For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	189.59	
			For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	263.33	
			For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	421.32	
			For >50 To 100, Deduct	-26.99	
			For >100, Deduct	-38.91	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 16-0049	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	493.53	65.72
			<i>For 5 Ply Construction, Add</i>	12.67	
			<i>For Stave Lumber Core (SLC), Add</i>	271.56	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	162.94	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	43.45	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	195.52	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	271.56	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	434.50	
			<i>For >50 To 100, Deduct</i>	-27.96	
			<i>For >100, Deduct</i>	-40.30	
08 14 23 16-0050	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	493.53	65.72
			<i>For 5 Ply Construction, Add</i>	12.67	
			<i>For Stave Lumber Core (SLC), Add</i>	271.56	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	162.94	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	43.45	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	195.52	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	271.56	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	434.50	
			<i>For >50 To 100, Deduct</i>	-27.96	
			<i>For >100, Deduct</i>	-40.30	
08 14 23 16-0051	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	515.27	65.72
			<i>For 5 Ply Construction, Add</i>	13.43	
			<i>For Stave Lumber Core (SLC), Add</i>	287.87	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	172.72	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	46.06	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	207.26	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	287.87	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	460.58	
			<i>For >50 To 100, Deduct</i>	-29.05	
			<i>For >100, Deduct</i>	-41.93	
08 14 23 16-0052	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	542.73	68.58
			<i>For 5 Ply Construction, Add</i>	14.19	
			<i>For Stave Lumber Core (SLC), Add</i>	304.18	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	182.51	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.67	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	219.01	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	304.18	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	486.68	
			<i>For >50 To 100, Deduct</i>	-30.57	
			<i>For >100, Deduct</i>	-44.13	
08 14 23 16-0053	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	564.94	68.58
			<i>For 5 Ply Construction, Add</i>	14.97	
			<i>For Stave Lumber Core (SLC), Add</i>	320.84	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	192.50	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	51.33	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	231.00	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	320.84	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	513.34	
			<i>For >50 To 100, Deduct</i>	-31.68	
			<i>For >100, Deduct</i>	-45.80	
08 14 23 16-0054	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	581.76	71.44
			<i>For 5 Ply Construction, Add</i>	15.36	
			<i>For Stave Lumber Core (SLC), Add</i>	329.16	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	197.50	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	52.67	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	237.00	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	329.16	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	526.66	
			<i>For >50 To 100, Deduct</i>	-32.66	
			<i>For >100, Deduct</i>	-47.20	
08 14 23 16-0055	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	603.70	71.44
			<i>For 5 Ply Construction, Add</i>	16.13	
			<i>For Stave Lumber Core (SLC), Add</i>	345.62	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	207.37	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	55.30	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	248.84	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	345.62	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	552.98	
			<i>For >50 To 100, Deduct</i>	-33.76	
			<i>For >100, Deduct</i>	-48.85	
08 14 23 16-0056	EA		4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Pressure Decorative Laminate (HPDL) Faced Wood Door.....	659.04	77.16
			<i>For 5 Ply Construction, Add</i>	17.67	
			<i>For Stave Lumber Core (SLC), Add</i>	378.54	
			<i>For Structural Composite Lumber Core (SCLC), Add</i>	227.12	
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	60.57	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	272.55	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	378.54	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	605.66	
			<i>For >50 To 100, Deduct</i>	-36.81	
			<i>For >100, Deduct</i>	-53.29	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 14 23 19 Molded-Hardboard-Faced Wood Doors (08 14 23)

08 14 23 19-0001 1-3/8" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)

08 14 23 19-0002	EA 2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	213.83	62.87
	For >50 To 100, Deduct	-13.84	
	For >100, Deduct	-19.18	
08 14 23 19-0003	EA 2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	213.83	62.87
	For >50 To 100, Deduct	-13.84	
	For >100, Deduct	-19.18	
08 14 23 19-0004	EA 2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	225.96	65.72
	For >50 To 100, Deduct	-14.58	
	For >100, Deduct	-20.23	
08 14 23 19-0005	EA 2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	229.02	65.72
	For >50 To 100, Deduct	-14.74	
	For >100, Deduct	-20.46	
08 14 23 19-0006	EA 2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	232.06	65.72
	For >50 To 100, Deduct	-14.89	
	For >100, Deduct	-20.69	
08 14 23 19-0007	EA 3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	240.82	68.58
	For >50 To 100, Deduct	-15.47	
	For >100, Deduct	-21.49	
08 14 23 19-0008	EA 3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	252.21	68.58
	For >50 To 100, Deduct	-16.04	
	For >100, Deduct	-22.34	
08 14 23 19-0009	EA 3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	265.30	71.44
	For >50 To 100, Deduct	-16.84	
	For >100, Deduct	-23.47	
08 14 23 19-0010	EA 2'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	218.95	62.87
	For >50 To 100, Deduct	-14.09	
	For >100, Deduct	-19.56	
08 14 23 19-0011	EA 2'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	218.95	62.87
	For >50 To 100, Deduct	-14.09	
	For >100, Deduct	-19.56	
08 14 23 19-0012	EA 2'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	231.46	65.72
	For >50 To 100, Deduct	-14.86	
	For >100, Deduct	-20.65	
08 14 23 19-0013	EA 2'-8" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	234.69	65.72
	For >50 To 100, Deduct	-15.02	
	For >100, Deduct	-20.89	
08 14 23 19-0014	EA 2'-10" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	237.91	65.72
	For >50 To 100, Deduct	-15.18	
	For >100, Deduct	-21.13	
08 14 23 19-0015	EA 3'-0" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	246.85	68.58
	For >50 To 100, Deduct	-15.77	
	For >100, Deduct	-21.94	
08 14 23 19-0016	EA 3'-4" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	258.89	68.58
	For >50 To 100, Deduct	-16.37	
	For >100, Deduct	-22.85	
08 14 23 19-0017	EA 3'-6" x 7' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	272.41	71.44
	For >50 To 100, Deduct	-17.19	
	For >100, Deduct	-24.00	
08 14 23 19-0018	EA 2'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	237.13	62.87
	For >50 To 100, Deduct	-15.00	
	For >100, Deduct	-20.93	
08 14 23 19-0019	EA 2'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	237.13	62.87
	For >50 To 100, Deduct	-15.00	
	For >100, Deduct	-20.93	
08 14 23 19-0020	EA 2'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	250.98	65.72
	For >50 To 100, Deduct	-15.84	
	For >100, Deduct	-22.11	
08 14 23 19-0021	EA 2'-8" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	254.82	65.72
	For >50 To 100, Deduct	-16.03	
	For >100, Deduct	-22.40	
08 14 23 19-0022	EA 2'-10" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	258.68	65.72
	For >50 To 100, Deduct	-16.22	
	For >100, Deduct	-22.69	
08 14 23 19-0023	EA 3'-0" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	268.23	68.58
	For >50 To 100, Deduct	-16.84	
	For >100, Deduct	-23.55	
08 14 23 19-0024	EA 3'-4" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	282.63	68.58
	For >50 To 100, Deduct	-17.56	
	For >100, Deduct	-24.63	
08 14 23 19-0025	EA 3'-6" x 8' x 1-3/8" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	297.67	71.44
	For >50 To 100, Deduct	-18.46	
	For >100, Deduct	-25.90	

08 14 23 19-0026 1-3/4" Thick, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors (08 14 23 19)

08 14 23 19-0027	EA 2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	235.50	62.87
	For >50 To 100, Deduct	-14.92	
	For >100, Deduct	-20.81	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0028	EA		2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....235.50	235.50	62.87
			<i>For >50 To 100, Deduct</i>	-14.92	
			<i>For >100, Deduct</i>	-20.81	
08 14 23 19-0029	EA		2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....244.24	244.24	65.72
			<i>For >50 To 100, Deduct</i>	-15.50	
			<i>For >100, Deduct</i>	-21.60	
08 14 23 19-0030	EA		2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....250.36	250.36	65.72
			<i>For >50 To 100, Deduct</i>	-15.80	
			<i>For >100, Deduct</i>	-22.06	
08 14 23 19-0031	EA		2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....253.42	253.42	65.72
			<i>For >50 To 100, Deduct</i>	-15.96	
			<i>For >100, Deduct</i>	-22.29	
08 14 23 19-0032	EA		3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....262.14	262.14	68.58
			<i>For >50 To 100, Deduct</i>	-16.54	
			<i>For >100, Deduct</i>	-23.09	
08 14 23 19-0033	EA		3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....269.11	269.11	68.58
			<i>For >50 To 100, Deduct</i>	-16.88	
			<i>For >100, Deduct</i>	-23.61	
08 14 23 19-0034	EA		3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....297.50	297.50	71.44
			<i>For >50 To 100, Deduct</i>	-18.45	
			<i>For >100, Deduct</i>	-25.88	
08 14 23 19-0035	EA		3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....305.23	305.23	71.44
			<i>For >50 To 100, Deduct</i>	-18.83	
			<i>For >100, Deduct</i>	-26.46	
08 14 23 19-0036	EA		4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....320.71	320.71	71.44
			<i>For >50 To 100, Deduct</i>	-19.61	
			<i>For >100, Deduct</i>	-27.63	
08 14 23 19-0037	EA		2'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....241.88	241.88	62.87
			<i>For >50 To 100, Deduct</i>	-15.24	
			<i>For >100, Deduct</i>	-21.28	
08 14 23 19-0038	EA		2'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....241.88	241.88	62.87
			<i>For >50 To 100, Deduct</i>	-15.24	
			<i>For >100, Deduct</i>	-21.28	
08 14 23 19-0039	EA		2'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....250.81	250.81	65.72
			<i>For >50 To 100, Deduct</i>	-15.83	
			<i>For >100, Deduct</i>	-22.10	
08 14 23 19-0040	EA		2'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....257.28	257.28	65.72
			<i>For >50 To 100, Deduct</i>	-16.15	
			<i>For >100, Deduct</i>	-22.58	
08 14 23 19-0041	EA		2'-10" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....260.51	260.51	65.72
			<i>For >50 To 100, Deduct</i>	-16.31	
			<i>For >100, Deduct</i>	-22.82	
08 14 23 19-0042	EA		3'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....269.42	269.42	68.58
			<i>For >50 To 100, Deduct</i>	-16.90	
			<i>For >100, Deduct</i>	-23.64	
08 14 23 19-0043	EA		3'-4" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....276.79	276.79	68.58
			<i>For >50 To 100, Deduct</i>	-17.27	
			<i>For >100, Deduct</i>	-24.19	
08 14 23 19-0044	EA		3'-6" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....306.51	306.51	71.44
			<i>For >50 To 100, Deduct</i>	-18.90	
			<i>For >100, Deduct</i>	-26.56	
08 14 23 19-0045	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....314.69	314.69	71.44
			<i>For >50 To 100, Deduct</i>	-19.31	
			<i>For >100, Deduct</i>	-27.17	
08 14 23 19-0046	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....331.05	331.05	71.44
			<i>For >50 To 100, Deduct</i>	-20.12	
			<i>For >100, Deduct</i>	-28.40	
08 14 23 19-0047	EA		2'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....264.52	264.52	62.87
			<i>For >50 To 100, Deduct</i>	-16.37	
			<i>For >100, Deduct</i>	-22.98	
08 14 23 19-0048	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....264.52	264.52	62.87
			<i>For >50 To 100, Deduct</i>	-16.37	
			<i>For >100, Deduct</i>	-22.98	
08 14 23 19-0049	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....274.10	274.10	65.72
			<i>For >50 To 100, Deduct</i>	-16.99	
			<i>For >100, Deduct</i>	-23.84	
08 14 23 19-0050	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....281.83	281.83	65.72
			<i>For >50 To 100, Deduct</i>	-17.38	
			<i>For >100, Deduct</i>	-24.42	
08 14 23 19-0051	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....285.67	285.67	65.72
			<i>For >50 To 100, Deduct</i>	-17.57	
			<i>For >100, Deduct</i>	-24.71	
08 14 23 19-0052	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....295.22	295.22	68.58
			<i>For >50 To 100, Deduct</i>	-18.19	
			<i>For >100, Deduct</i>	-25.57	
08 14 23 19-0053	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....304.01	304.01	68.58
			<i>For >50 To 100, Deduct</i>	-18.63	
			<i>For >100, Deduct</i>	-26.23	
08 14 23 19-0054	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....338.42	338.42	71.44
			<i>For >50 To 100, Deduct</i>	-20.49	
			<i>For >100, Deduct</i>	-28.95	
08 14 23 19-0055	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door .....348.19	348.19	71.44
			<i>For >50 To 100, Deduct</i>	-20.98	
			<i>For >100, Deduct</i>	-29.69	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0056	EA			4'-0" x 8' x 1-3/4" Thick, 3 Ply, Hollow Core (HC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	367.76 -21.96 -31.15	71.44
08 14 23 19-0057				1-3/8" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors <small>(08 14 23 19)</small> Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0058	EA			2'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	273.45 -16.82 -23.65	62.87
08 14 23 19-0059	EA			2'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	273.45 -16.82 -23.65	62.87
08 14 23 19-0060	EA			2'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	287.74 -17.67 -24.87	65.72
08 14 23 19-0061	EA			2'-8" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	296.30 -18.10 -25.51	65.72
08 14 23 19-0062	EA			2'-10" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	297.86 -18.18 -25.63	65.72
08 14 23 19-0063	EA			3'-0" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	305.17 -18.69 -26.32	68.58
08 14 23 19-0064	EA			3'-4" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	323.71 -19.61 -27.71	68.58
08 14 23 19-0065	EA			3'-6" x 6'-8" x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	363.22 -21.73 -30.81	71.44
08 14 23 19-0066	EA			2'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	282.06 -17.25 -24.30	62.87
08 14 23 19-0067	EA			2'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	282.06 -17.25 -24.30	62.87
08 14 23 19-0068	EA			2'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	296.84 -18.13 -25.55	65.72
08 14 23 19-0069	EA			2'-8" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	305.88 -18.58 -26.23	65.72
08 14 23 19-0070	EA			2'-10" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	307.56 -18.66 -26.35	65.72
08 14 23 19-0071	EA			3'-0" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	314.95 -19.18 -27.05	68.58
08 14 23 19-0072	EA			3'-4" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	334.57 -20.16 -28.52	68.58
08 14 23 19-0073	EA			3'-6" x 7' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	376.05 -22.37 -31.78	71.44
08 14 23 19-0074	EA			2'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	312.54 -18.77 -26.58	62.87
08 14 23 19-0075	EA			2'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	312.54 -18.77 -26.58	62.87
08 14 23 19-0076	EA			2'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	329.09 -19.74 -27.97	65.72

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 14 23 19-0077	EA	2'-8" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	339.89	65.72
		<i>For >50 To 100, Deduct</i>	-20.28	
		<i>For >100, Deduct</i>	-28.78	
08 14 23 19-0078	EA	2'-10" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	341.89	65.72
		<i>For >50 To 100, Deduct</i>	-20.38	
		<i>For >100, Deduct</i>	-28.93	
08 14 23 19-0079	EA	3'-0" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	349.63	68.58
		<i>For >50 To 100, Deduct</i>	-20.91	
		<i>For >100, Deduct</i>	-29.65	
08 14 23 19-0080	EA	3'-4" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	373.06	68.58
		<i>For >50 To 100, Deduct</i>	-22.08	
		<i>For >100, Deduct</i>	-31.41	
08 14 23 19-0081	EA	3'-6" x 8' x 1-3/8" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	421.53	71.44
		<i>For >50 To 100, Deduct</i>	-24.65	
		<i>For >100, Deduct</i>	-35.19	
08 14 23 19-0082		1-3/4" Thick, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Doors <small>(08 14 23 19)</small>		
		Note: PC = Particleboard, medium-density fiberboard (MDF), or agrifiber core, solid core door with stiles and rails bonded to the core and abrasive planed flat prior to the application of the faces.		
08 14 23 19-0083	EA	2'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	311.34	62.87
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	22.27	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	100.22	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	139.20	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	222.72	
		<i>For >50 To 100, Deduct</i>	-18.71	
		<i>For >100, Deduct</i>	-26.49	
08 14 23 19-0084	EA	2'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	311.34	62.87
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	22.27	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	100.22	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	139.20	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	222.72	
		<i>For >50 To 100, Deduct</i>	-18.71	
		<i>For >100, Deduct</i>	-26.49	
08 14 23 19-0085	EA	2'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	327.80	65.72
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	23.56	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	106.03	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	147.26	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	235.62	
		<i>For >50 To 100, Deduct</i>	-19.68	
		<i>For >100, Deduct</i>	-27.87	
08 14 23 19-0086	EA	2'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	338.53	65.72
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	24.85	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	111.82	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	155.31	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	248.50	
		<i>For >50 To 100, Deduct</i>	-20.21	
		<i>For >100, Deduct</i>	-28.68	
08 14 23 19-0087	EA	2'-10" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	340.52	65.72
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.09	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	112.90	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	156.80	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	250.88	
		<i>For >50 To 100, Deduct</i>	-20.31	
		<i>For >100, Deduct</i>	-28.83	
08 14 23 19-0088	EA	3'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	348.26	68.58
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	25.33	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	113.99	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	158.33	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	253.32	
		<i>For >50 To 100, Deduct</i>	-20.84	
		<i>For >100, Deduct</i>	-29.55	
08 14 23 19-0089	EA	3'-4" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	371.52	68.58
		<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.12	
		<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	126.55	
		<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	175.77	
		<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	281.23	
		<i>For >50 To 100, Deduct</i>	-22.01	
		<i>For >100, Deduct</i>	-31.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0090 EA 3'-6" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	419.73	71.44
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	33.22	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	149.50	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	207.64	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	332.22	
For >50 To 100, Deduct	-24.56	
For >100, Deduct	-35.05	
08 14 23 19-0091 EA 3'-8" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	433.59	71.44
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	34.89	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	156.98	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	218.03	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	348.85	
For >50 To 100, Deduct	-25.25	
For >100, Deduct	-36.09	
08 14 23 19-0092 EA 4'-0" x 6'-8" x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	461.25	71.44
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	38.20	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	171.92	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	238.78	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	382.04	
For >50 To 100, Deduct	-26.63	
For >100, Deduct	-38.17	
08 14 23 19-0093 EA 2'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	322.15	62.87
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.57	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	106.06	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	147.31	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	235.69	
For >50 To 100, Deduct	-19.25	
For >100, Deduct	-27.30	
08 14 23 19-0094 EA 2'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	322.15	62.87
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	23.57	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	106.06	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	147.31	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	235.69	
For >50 To 100, Deduct	-19.25	
For >100, Deduct	-27.30	
08 14 23 19-0095 EA 2'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	339.24	65.72
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	24.93	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	112.21	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	155.84	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	249.35	
For >50 To 100, Deduct	-20.25	
For >100, Deduct	-28.73	
08 14 23 19-0096 EA 2'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	350.59	65.72
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.30	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	118.34	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	164.36	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	262.97	
For >50 To 100, Deduct	-20.82	
For >100, Deduct	-29.58	
08 14 23 19-0097 EA 2'-10" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	352.70	65.72
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.55	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	119.48	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	165.94	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	265.50	
For >50 To 100, Deduct	-20.92	
For >100, Deduct	-29.74	
08 14 23 19-0098 EA 3'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	360.55	68.58
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	26.81	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	120.63	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	167.54	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	268.07	
For >50 To 100, Deduct	-21.46	
For >100, Deduct	-30.47	
08 14 23 19-0099 EA 3'-4" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	385.16	68.58
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	29.76	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	133.92	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	186.00	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	297.60	
For >50 To 100, Deduct	-22.69	
For >100, Deduct	-32.32	
08 14 23 19-0100 EA 3'-6" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door	435.84	71.44
For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add	35.16	
For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add	158.20	
For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add	219.72	
For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add	351.55	
For >50 To 100, Deduct	-25.36	
For >100, Deduct	-36.26	

08 Openings

08 10 Doors and Frames

08 14 Wood Doors

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 23 19-0101	EA		3'-8" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	450.50	71.44
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	36.91	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	166.11	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	230.72	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	369.14	
			<i>For >50 To 100, Deduct</i>	-26.10	
			<i>For >100, Deduct</i>	-37.36	
08 14 23 19-0102	EA		4'-0" x 7' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	479.78	71.44
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	40.43	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	181.93	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	252.68	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	404.28	
			<i>For >50 To 100, Deduct</i>	-27.56	
			<i>For >100, Deduct</i>	-39.56	
08 14 23 19-0103	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	360.45	62.87
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.17	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	126.74	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.03	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	281.65	
			<i>For >50 To 100, Deduct</i>	-21.17	
			<i>For >100, Deduct</i>	-30.18	
08 14 23 19-0104	EA		2'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	360.45	62.87
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	28.17	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	126.74	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	176.03	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	281.65	
			<i>For >50 To 100, Deduct</i>	-21.17	
			<i>For >100, Deduct</i>	-30.18	
08 14 23 19-0105	EA		2'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	379.76	65.72
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	29.80	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	134.09	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	186.23	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	297.97	
			<i>For >50 To 100, Deduct</i>	-22.27	
			<i>For >100, Deduct</i>	-31.77	
08 14 23 19-0106	EA		2'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	393.33	65.72
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.43	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	141.42	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	196.41	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	314.26	
			<i>For >50 To 100, Deduct</i>	-22.95	
			<i>For >100, Deduct</i>	-32.79	
08 14 23 19-0107	EA		2'-10" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	395.84	65.72
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	31.73	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	142.77	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	198.29	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	317.27	
			<i>For >50 To 100, Deduct</i>	-23.08	
			<i>For >100, Deduct</i>	-32.97	
08 14 23 19-0108	EA		3'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	404.12	68.58
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	32.04	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	144.16	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	200.22	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	320.35	
			<i>For >50 To 100, Deduct</i>	-23.64	
			<i>For >100, Deduct</i>	-33.74	
08 14 23 19-0109	EA		3'-4" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	433.52	68.58
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	35.56	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	160.03	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	222.27	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	355.63	
			<i>For >50 To 100, Deduct</i>	-25.11	
			<i>For >100, Deduct</i>	-35.94	
08 14 23 19-0110	EA		3'-6" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	492.96	71.44
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	42.01	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	189.04	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	262.56	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	420.10	
			<i>For >50 To 100, Deduct</i>	-28.22	
			<i>For >100, Deduct</i>	-40.54	
08 14 23 19-0111	EA		3'-8" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	510.50	71.44
			<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	44.11	
			<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	198.51	
			<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	275.72	
			<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	441.14	
			<i>For >50 To 100, Deduct</i>	-29.10	
			<i>For >100, Deduct</i>	-41.86	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 14 23 19-0112 EA 4'-0" x 8' x 1-3/4" Thick, 3 Ply, Particleboard Core (PC), High Density Fiberboard/Hardboard (HDF) Faced Wood Door.....	545.48	71.44
<i>For Commercial Grade 45 Minute Particleboard Core (PC), Fire Rated Door, Add</i>	48.31	
<i>For Commercial Grade 45 Minute Mineral Core (MC), Fire Rated Door, Add</i>	217.40	
<i>For Commercial Grade 60 Minute Mineral Core (MC), Fire Rated Door, Add</i>	301.95	
<i>For Commercial Grade 90 Minute Mineral Core (MC), Rated Fire Door, Add</i>	483.12	
<i>For >50 To 100, Deduct</i>	-30.85	
<i>For >100, Deduct</i>	-44.48	
08 14 66 Wood Screen Doors (08 14)		
08 14 66 00-0001 Wood Screen Storm Door, Residential Grade (08 14 66)		
Note: Includes frame, trim, necessary anchors and usual hardware (closures, chain and spring, latching, screens, etc.).		
08 14 66 00-0002 EA 2'-8" x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	510.34	164.60
08 14 66 00-0003 EA 3' x 6'-8" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	535.74	182.89
08 14 66 00-0004 EA 2'-8" x 7" x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	510.34	164.60
08 14 66 00-0005 EA 3' x 7' x 1-3/8" Thick, Wood Screen Door, Residential, With Frame, Trim, Hardware.....	535.74	182.89
08 14 73 Sliding Wood Doors (08 14)		
08 14 73 00-0001 Sliding Pocket Door (08 14 73)		
Note: Includes unfinished door, frame and trim, and all mounting and door hardware. See CSI section 08 14 73 00-0055 for accessories to be added.		
08 14 73 00-0002 Birch Faced Pocket Door (08 14 73 00-0001)		
Note: Includes door, frame and trim, and all mounting and door hardware.		
08 14 73 00-0003 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0002)		
See CSI section 08 14 73 00-0055 for all jamba and track hardware.		
08 14 73 00-0004 6'-8" High, 1-3/8" Thick, Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0005 EA 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	471.23	40.01
<i>For Oak, Add</i>	107.98	
<i>For Ash/Hickory, Add</i>	157.27	
<i>For Walnut, Add</i>	229.26	
<i>For Cherry, Add</i>	372.84	
08 14 73 00-0006 EA 2'-4" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	486.44	42.87
<i>For Oak, Add</i>	110.60	
<i>For Ash/Hickory, Add</i>	161.09	
<i>For Walnut, Add</i>	234.82	
<i>For Cherry, Add</i>	381.89	
08 14 73 00-0007 EA 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	503.98	45.72
<i>For Oak, Add</i>	113.87	
<i>For Ash/Hickory, Add</i>	165.85	
<i>For Walnut, Add</i>	241.77	
<i>For Cherry, Add</i>	393.18	
08 14 73 00-0008 EA 2'-8" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	516.81	48.58
<i>For Oak, Add</i>	115.83	
<i>For Ash/Hickory, Add</i>	168.71	
<i>For Walnut, Add</i>	245.93	
<i>For Cherry, Add</i>	399.96	
08 14 73 00-0009 EA 2'-10" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	534.41	51.44
<i>For Oak, Add</i>	119.11	
<i>For Ash/Hickory, Add</i>	173.48	
<i>For Walnut, Add</i>	252.88	
<i>For Cherry, Add</i>	411.26	
08 14 73 00-0010 EA 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	549.59	54.30
<i>For Oak, Add</i>	121.72	
<i>For Ash/Hickory, Add</i>	177.29	
<i>For Walnut, Add</i>	258.44	
<i>For Cherry, Add</i>	420.29	
08 14 73 00-0011 EA 4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	925.34	71.44
<i>For Oak, Add</i>	215.96	
<i>For Ash/Hickory, Add</i>	314.55	
<i>For Walnut, Add</i>	458.52	
<i>For Cherry, Add</i>	745.68	
08 14 73 00-0012 EA 5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	979.44	77.16
<i>For Oak, Add</i>	227.74	
<i>For Ash/Hickory, Add</i>	331.71	
<i>For Walnut, Add</i>	483.53	
<i>For Cherry, Add</i>	786.36	
08 14 73 00-0013 EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,047.80	82.87
<i>For Oak, Add</i>	243.45	
<i>For Ash/Hickory, Add</i>	354.58	
<i>For Walnut, Add</i>	516.88	
<i>For Cherry, Add</i>	840.59	
08 14 73 00-0014 7' High, 1-3/8" Thick Birch Faced Wood Pocket Door (08 14 73 00-0003)		
08 14 73 00-0015 EA 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	554.22	40.01
<i>For Oak, Add</i>	110.97	
<i>For Ash/Hickory, Add</i>	110.97	
<i>For Walnut, Add</i>	182.57	
<i>For Cherry, Add</i>	342.86	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0016	EA		2'-4" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	581.28	42.87
			<i>For Oak, Add</i>	115.96	
			<i>For Ash/Hickory, Add</i>	115.96	
			<i>For Walnut, Add</i>	190.79	
			<i>For Cherry, Add</i>	358.29	
08 14 73 00-0017	EA		2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	601.20	45.72
			<i>For Oak, Add</i>	119.29	
			<i>For Ash/Hickory, Add</i>	119.29	
			<i>For Walnut, Add</i>	196.27	
			<i>For Cherry, Add</i>	368.58	
08 14 73 00-0018	EA		2'-8" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	618.77	48.58
			<i>For Oak, Add</i>	122.06	
			<i>For Ash/Hickory, Add</i>	122.06	
			<i>For Walnut, Add</i>	200.83	
			<i>For Cherry, Add</i>	377.15	
08 14 73 00-0019	EA		2'-10" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	634.00	51.44
			<i>For Oak, Add</i>	124.28	
			<i>For Ash/Hickory, Add</i>	124.28	
			<i>For Walnut, Add</i>	204.49	
			<i>For Cherry, Add</i>	384.01	
08 14 73 00-0020	EA		3'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	653.92	54.30
			<i>For Oak, Add</i>	127.61	
			<i>For Ash/Hickory, Add</i>	127.61	
			<i>For Walnut, Add</i>	209.96	
			<i>For Cherry, Add</i>	394.29	
08 14 73 00-0021	EA		4' Wide, Two 2'-0" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,091.32	71.44
			<i>For Oak, Add</i>	221.93	
			<i>For Ash/Hickory, Add</i>	221.93	
			<i>For Walnut, Add</i>	365.15	
			<i>For Cherry, Add</i>	685.72	
08 14 73 00-0022	EA		5' Wide, Two 2'-6" x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,173.87	77.16
			<i>For Oak, Add</i>	238.58	
			<i>For Ash/Hickory, Add</i>	238.58	
			<i>For Walnut, Add</i>	392.53	
			<i>For Cherry, Add</i>	737.15	
08 14 73 00-0023	EA		6' Wide, Two 3' x 7' x 1-3/8" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,256.46	82.87
			<i>For Oak, Add</i>	255.23	
			<i>For Ash/Hickory, Add</i>	255.23	
			<i>For Walnut, Add</i>	419.92	
			<i>For Cherry, Add</i>	788.58	
08 14 73 00-0024			1-3/4" Thick, Birch Faced Wood Pocket Door <small>(08 14 73 00-0002)</small>		
			See CSI section 08 14 73 00-0055 for all jambs and track hardware.		
08 14 73 00-0025			6'-8" High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0026	EA		2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	696.49	40.01
			<i>For Oak, Add</i>	144.26	
			<i>For Ash/Hickory, Add</i>	144.26	
			<i>For Walnut, Add</i>	237.35	
			<i>For Cherry, Add</i>	445.72	
08 14 73 00-0027	EA		2'-4" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	730.66	42.87
			<i>For Oak, Add</i>	150.92	
			<i>For Ash/Hickory, Add</i>	150.92	
			<i>For Walnut, Add</i>	248.30	
			<i>For Cherry, Add</i>	466.29	
08 14 73 00-0028	EA		2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	750.58	45.72
			<i>For Oak, Add</i>	154.25	
			<i>For Ash/Hickory, Add</i>	154.25	
			<i>For Walnut, Add</i>	253.78	
			<i>For Cherry, Add</i>	476.58	
08 14 73 00-0029	EA		2'-8" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	772.89	48.58
			<i>For Oak, Add</i>	158.13	
			<i>For Ash/Hickory, Add</i>	158.13	
			<i>For Walnut, Add</i>	260.17	
			<i>For Cherry, Add</i>	488.57	
08 14 73 00-0030	EA		2'-10" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	792.86	51.44
			<i>For Oak, Add</i>	161.46	
			<i>For Ash/Hickory, Add</i>	161.46	
			<i>For Walnut, Add</i>	265.65	
			<i>For Cherry, Add</i>	498.86	
08 14 73 00-0031	EA		3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	812.79	54.30
			<i>For Oak, Add</i>	164.79	
			<i>For Ash/Hickory, Add</i>	164.79	
			<i>For Walnut, Add</i>	271.12	
			<i>For Cherry, Add</i>	509.15	
08 14 73 00-0032	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,375.85	71.44
			<i>For Oak, Add</i>	288.51	
			<i>For Ash/Hickory, Add</i>	288.51	
			<i>For Walnut, Add</i>	474.69	
			<i>For Cherry, Add</i>	891.44	
08 14 73 00-0033	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,472.63	77.16
			<i>For Oak, Add</i>	308.49	
			<i>For Ash/Hickory, Add</i>	308.49	
			<i>For Walnut, Add</i>	507.56	
			<i>For Cherry, Add</i>	953.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0034 EA 6' Wide, Two 3'-0" x 6'-8" x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	1,574.18	82.87
<i>For Oak, Add</i>	329.57	
<i>For Ash/Hickory, Add</i>	329.57	
<i>For Walnut, Add</i>	542.25	
<i>For Cherry, Add</i>	1,018.29	
08 14 73 00-0035 7' High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0036 EA 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	743.91	40.01
<i>For Oak, Add</i>	155.35	
<i>For Ash/Hickory, Add</i>	155.35	
<i>For Walnut, Add</i>	255.61	
<i>For Cherry, Add</i>	480.01	
08 14 73 00-0037 EA 2'-4" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	782.82	42.87
<i>For Oak, Add</i>	163.12	
<i>For Ash/Hickory, Add</i>	163.12	
<i>For Walnut, Add</i>	268.38	
<i>For Cherry, Add</i>	504.00	
08 14 73 00-0038 EA 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	805.11	45.72
<i>For Oak, Add</i>	167.01	
<i>For Ash/Hickory, Add</i>	167.01	
<i>For Walnut, Add</i>	274.77	
<i>For Cherry, Add</i>	516.01	
08 14 73 00-0039 EA 2'-8" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	827.43	48.58
<i>For Oak, Add</i>	170.89	
<i>For Ash/Hickory, Add</i>	170.89	
<i>For Walnut, Add</i>	281.17	
<i>For Cherry, Add</i>	528.01	
08 14 73 00-0040 EA 2'-10" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	847.40	51.44
<i>For Oak, Add</i>	174.22	
<i>For Ash/Hickory, Add</i>	174.22	
<i>For Walnut, Add</i>	286.64	
<i>For Cherry, Add</i>	538.30	
08 14 73 00-0041 EA 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	869.69	54.30
<i>For Oak, Add</i>	178.10	
<i>For Ash/Hickory, Add</i>	178.10	
<i>For Walnut, Add</i>	293.03	
<i>For Cherry, Add</i>	550.29	
08 14 73 00-0042 EA 4' Wide, Two 2'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,470.70	71.44
<i>For Oak, Add</i>	310.71	
<i>For Ash/Hickory, Add</i>	310.71	
<i>For Walnut, Add</i>	511.21	
<i>For Cherry, Add</i>	960.01	
08 14 73 00-0043 EA 5' Wide, Two 2'-6" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,581.70	77.16
<i>For Oak, Add</i>	334.01	
<i>For Ash/Hickory, Add</i>	334.01	
<i>For Walnut, Add</i>	549.55	
<i>For Cherry, Add</i>	1,032.01	
08 14 73 00-0044 EA 6' Wide, Two 3'-0" x 7' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,688.00	82.87
<i>For Oak, Add</i>	356.21	
<i>For Ash/Hickory, Add</i>	356.21	
<i>For Walnut, Add</i>	586.07	
<i>For Cherry, Add</i>	1,100.59	
08 14 73 00-0045 8' High, 1-3/4" Thick Birch Faced Wood Pocket Door <small>(08 14 73 00-0024)</small>		
08 14 73 00-0046 EA 2'-0" x 8' x 1-3/4" High Wood Pocket Door, Hollow Core, Birch Faced	791.33	40.01
<i>For Oak, Add</i>	166.45	
<i>For Ash/Hickory, Add</i>	166.45	
<i>For Walnut, Add</i>	273.86	
<i>For Cherry, Add</i>	514.29	
08 14 73 00-0047 EA 2'-4" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	830.25	42.87
<i>For Oak, Add</i>	174.22	
<i>For Ash/Hickory, Add</i>	174.22	
<i>For Walnut, Add</i>	286.64	
<i>For Cherry, Add</i>	538.30	
08 14 73 00-0048 EA 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	854.90	45.72
<i>For Oak, Add</i>	178.66	
<i>For Ash/Hickory, Add</i>	178.66	
<i>For Walnut, Add</i>	293.94	
<i>For Cherry, Add</i>	552.00	
08 14 73 00-0049 EA 2'-8" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	879.59	48.58
<i>For Oak, Add</i>	183.10	
<i>For Ash/Hickory, Add</i>	183.10	
<i>For Walnut, Add</i>	301.25	
<i>For Cherry, Add</i>	565.72	
08 14 73 00-0050 EA 2'-10" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	899.56	51.44
<i>For Oak, Add</i>	186.43	
<i>For Ash/Hickory, Add</i>	186.43	
<i>For Walnut, Add</i>	306.73	
<i>For Cherry, Add</i>	576.01	
08 14 73 00-0051 EA 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door	924.23	54.30
<i>For Oak, Add</i>	190.86	
<i>For Ash/Hickory, Add</i>	190.86	
<i>For Walnut, Add</i>	314.03	
<i>For Cherry, Add</i>	589.72	

08 Openings**08 10 Doors and Frames****08 14 Wood Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 73 00-0052	EA		4' Wide, Two 2'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,565.54	71.44
			<i>For Oak, Add</i>	332.90	
			<i>For Ash/Hickory, Add</i>	332.90	
			<i>For Walnut, Add</i>	547.72	
			<i>For Cherry, Add</i>	1,028.58	
08 14 73 00-0053	EA		5' Wide, Two 2'-6" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,681.29	77.16
			<i>For Oak, Add</i>	357.32	
			<i>For Ash/Hickory, Add</i>	357.32	
			<i>For Walnut, Add</i>	587.89	
			<i>For Cherry, Add</i>	1,104.01	
08 14 73 00-0054	EA		6' Wide, Two 3'-0" x 8' x 1-3/4" Thick, Hollow Core (HC), Birch Faced Wood Pocket Door.....	1,797.07	82.87
			<i>For Oak, Add</i>	381.73	
			<i>For Ash/Hickory, Add</i>	381.73	
			<i>For Walnut, Add</i>	628.06	
			<i>For Cherry, Add</i>	1,179.44	
08 14 73 00-0055			Accessories (08 14 73 00-0001)		
08 14 73 00-0056			Jamb Replacement (08 14 73 00-0055)		
08 14 73 00-0057	EA		4-9/16 Or 4-3/4" Birch Jamb Replacement For Pocket Doors.....	122.35	
			<i>For Oak, Add</i>	7.37	
			<i>For Ash/Hickory, Add</i>	11.54	
			<i>For Walnut, Add</i>	25.23	
			<i>For Cherry, Add</i>	39.97	
08 14 73 00-0058	EA		5-1/4" Birch Jamb Replacement For Pocket Doors.....	124.45	
			<i>For Oak, Add</i>	7.60	
			<i>For Ash/Hickory, Add</i>	11.91	
			<i>For Walnut, Add</i>	26.05	
			<i>For Cherry, Add</i>	41.25	
08 14 73 00-0059	EA		6-9/16" Or 6-3/4" Birch Jamb Replacement For Pocket Doors.....	138.12	
			<i>For Oak, Add</i>	9.15	
			<i>For Ash/Hickory, Add</i>	14.33	
			<i>For Walnut, Add</i>	31.34	
			<i>For Cherry, Add</i>	49.63	
08 14 73 00-0060			Track And Hardware Replacement Kits (08 14 73 00-0055)		
			Note: For double doors, use 2 appropriate sized hardware and 1 converging kit.		
08 14 73 00-0061	EA		Up To 2'-6" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	370.68	
08 14 73 00-0062	EA		2'-8" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	374.24	
08 14 73 00-0063	EA		3'-0" x 6'-8" Door Track And Hardware Replacement For Pocket Door.....	381.37	
08 14 73 00-0064	EA		Up To 2'-6" x 7' Door Track And Hardware Replacement For Pocket Door.....	449.04	
08 14 73 00-0065	EA		2'-8" x 7' Door Track And Hardware Replacement For Pocket Door.....	452.61	
08 14 73 00-0066	EA		3'-0" x 7' Door Track And Hardware Replacement For Pocket Door.....	459.73	
08 14 73 00-0067	EA		Up To 2'-6" x 8' Door Track And Hardware.....	484.66	
08 14 73 00-0068	EA		2'-8" x 8' Door Track And Hardware Replacement For Pocket Door.....	488.22	
08 14 73 00-0069	EA		3'-0" x 8' Door Track And Hardware Replacement For Pocket Door.....	495.35	
08 14 73 00-0070	EA		Double Door Converging Kit For Pocket Door.....	52.77	
08 14 73 00-0071			Bi-Pass Doors (08 14 73)		
			Note: Includes unfinished doors, fascia track, hangers, door guide, door stop, and pulls. 125 LB maximum door weight (each opening).		
08 14 73 00-0072			Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors (08 14 73 00-0071)		
08 14 73 00-0073	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	442.81	91.41
08 14 73 00-0074	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	486.74	97.12
08 14 73 00-0075	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	531.20	102.83
08 14 73 00-0076	EA		8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Pass Doors.....	731.96	108.55
08 14 73 00-0077			Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors (08 14 73 00-0071)		
08 14 73 00-0078	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	412.70	91.41
08 14 73 00-0079	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	439.78	97.12
08 14 73 00-0080	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	479.52	102.83
08 14 73 00-0081	EA		8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Pass Doors.....	671.72	108.55
08 14 73 00-0082			Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors (08 14 73 00-0071)		
08 14 73 00-0083	EA		4' Wide, Two 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	443.66	91.41
08 14 73 00-0084	EA		5' Wide, Two 2'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	484.64	97.12
08 14 73 00-0085	EA		6' Wide, Two 3'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	527.73	102.83
08 14 73 00-0086	EA		8' Wide, Four 2'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Pass Doors.....	733.65	108.55
08 14 76			Bifolding Wood Doors (08 14)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 14 76 00-0001				Bi-Fold Wood Doors <small>(08 14 76)</small> Note: Includes doors, track, top and bottom pivots, door guide, track stop, panel hinge, bottom pivot bracket, top pivot lock, and 4-door aligner (when necessary). Excludes door frame and knobs.		
08 14 76 00-0002				Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0003	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	210.82	68.55
08 14 76 00-0004	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	222.25	74.27
08 14 76 00-0005	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	238.60	79.99
08 14 76 00-0006	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	250.03	85.69
08 14 76 00-0007	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	324.30	91.41
08 14 76 00-0008	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	335.72	97.12
08 14 76 00-0009	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Lauan Faced Wood Bi-Fold Doors	357.58	102.83
08 14 76 00-0010				Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0011	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	222.85	68.55
08 14 76 00-0012	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	238.23	74.27
08 14 76 00-0013	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	257.22	79.99
08 14 76 00-0014	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	268.65	85.69
08 14 76 00-0015	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	350.05	91.41
08 14 76 00-0016	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	375.86	97.12
08 14 76 00-0017	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Birch Faced Wood Bi-Fold Doors	403.20	102.83
08 14 76 00-0018				Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0019	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	223.41	68.55
08 14 76 00-0020	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	245.94	74.27
08 14 76 00-0021	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	264.33	79.99
08 14 76 00-0022	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	275.76	85.69
08 14 76 00-0023	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	356.27	91.41
08 14 76 00-0024	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	370.18	97.12
08 14 76 00-0025	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Flush, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	403.20	102.83
08 14 76 00-0026				Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0027	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	580.93	68.55
08 14 76 00-0028	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	664.07	74.27
08 14 76 00-0029	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	758.83	79.99
08 14 76 00-0030	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	770.26	85.69
08 14 76 00-0031	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,070.47	91.41
08 14 76 00-0032	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,225.31	97.12
08 14 76 00-0033	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Pine Faced Wood Bi-Fold Doors	1,403.42	102.83
08 14 76 00-0034				Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0035	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	745.67	68.55
08 14 76 00-0036	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	809.43	74.27
08 14 76 00-0037	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	884.81	79.99
08 14 76 00-0038	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	896.24	85.69
08 14 76 00-0039	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,399.95	91.41
08 14 76 00-0040	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,516.02	97.12
08 14 76 00-0041	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Raised Panel, Hollow Core (HC), Oak Faced Wood Bi-Fold Doors	1,655.37	102.83
08 14 76 00-0042				Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors <small>(08 14 76 00-0001)</small>		
08 14 76 00-0043	EA			2'-0" Wide, Two 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	215.06	68.55
08 14 76 00-0044	EA			2'-6" Wide, Two 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	231.43	74.27
08 14 76 00-0045	EA			2'-8" Wide, Two 1'-4" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	253.32	79.99
08 14 76 00-0046	EA			3'-0" Wide, Two 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	255.93	85.69
08 14 76 00-0047	EA			4'-0" Wide, Four 1'-0" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	317.33	91.41
08 14 76 00-0048	EA			5'-0" Wide, Four 1'-3" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	342.58	97.12
08 14 76 00-0049	EA			6'-0" Wide, Four 1'-6" x 6'-8" x 1-3/8" Thick, Molded Panel, Hollow Core (HC), High Density Fiberboard (HDF) Faced Wood Bi-Fold Doors	383.91	102.83
08 15				Plastic Doors <small>(08 10)</small> Note: Includes machining for all hardware, except mortised locks. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.		
08 16				Composite Doors <small>(08 10)</small> Note: Includes machining for all hardware. Excludes frames, finish hardware. See CSI section 08 70 00 00-0000 for finish hardware.		
08 16 13				Fiberglass Doors <small>(08 16)</small> See CSI section 08 70 00 00-0000 for finish hardware.		

08 Openings**08 10 Doors and Frames**

08 16 Composite Doors

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 16 13 00-0001		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Frames And Doors <small>(08 16 13)</small>			
08 16 13 00-0002		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0001)</small>			
08 16 13 00-0003		Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0002)</small> Note: White, tan, brown or gray finish. Includes factory hardware prep and 25 Mil resin rich gel coat.			
08 16 13 00-0004		Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.			
08 16 13 00-0005		6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0004)</small>			
08 16 13 00-0006	EA	3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,066.54		68.58
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0007	EA	3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,273.46		71.44
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0008	EA	4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,588.41		77.16
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0009		7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0004)</small>			
08 16 13 00-0010	EA	3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,066.54		68.58
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0011	EA	3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,355.31		71.44
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0012	EA	4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,675.37		77.16
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0013		Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.			
08 16 13 00-0014		45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>			
08 16 13 00-0015		6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0014)</small>			
08 16 13 00-0016	EA	3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,639.46		68.58
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0017	EA	3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,715.09		71.44
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0018	EA	4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,236.35		77.16
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0019		7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0014)</small>			
08 16 13 00-0020	EA	3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,639.46		68.58
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0021	EA	3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	3,981.08		71.44
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0022	EA	4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)	4,335.25		77.16
		<i>For Custom Color Finish, Add</i>	159.43		
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87		
08 16 13 00-0023		60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0024 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0025 EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,639.46	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0026 EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,715.09	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0027 EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,236.35	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0028 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0023)</small>		
08 16 13 00-0029 EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,639.46	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0030 EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,981.08	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0031 EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,335.25	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0032 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0013)</small>		
08 16 13 00-0033 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		
08 16 13 00-0034 EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,639.46	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0035 EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,715.09	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0036 EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,236.35	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0037 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0032)</small>		
08 16 13 00-0038 EA 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,639.46	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0039 EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,981.08	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0040 EA 4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	4,335.25	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0041 Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0003)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0042 6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0041)</small>		
08 16 13 00-0043 EA 3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf).....	3,242.17	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0044 7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Chem-Pruf) <small>(08 16 13 00-0041)</small>		

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0045	EA		3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Chem-Pruf)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	3,242.17 159.43 354.87	68.58
08 16 13 00-0046			Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Chem-Pruf) <small>(08 16 13 00-0002)</small>		
08 16 13 00-0047	SI		1/4" Tempered, Factory Installed Vision Glass (Chem-Pruf)	0.44	
08 16 13 00-0048	SI		1/4" Laminated, Factory Installed Vision Glass (Chem-Pruf)	0.45	
08 16 13 00-0049	SI		1/4" Wire, Factory Installed Vision Glass (Chem-Pruf)	0.58	
08 16 13 00-0050	SI		1/2" Insulated, Factory Installed Vision Glass (Chem-Pruf)	0.56	
08 16 13 00-0051	SI		Factory Installed Molded Louver (Chem-Pruf)	1.12	
08 16 13 00-0052	SI		Factory Installed Molded Louver With Insect Screen (Chem-Pruf)	1.26	
08 16 13 00-0053	LF		Weather Strip (Chem-Pruf)	11.94	
08 16 13 00-0054	LF		Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Chem-Pruf).....	15.35	
08 16 13 00-0055	LF		1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Chem-Pruf)	32.40	
08 16 13 00-0056	LF		Fiberglass Reinforced Polyester (FRP) Door Sweep (Chem-Pruf)	35.81	
08 16 13 00-0057	LF		2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Chem-Pruf).....	69.91	
08 16 13 00-0058			Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0001)</small>		
08 16 13 00-0059			Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0058)</small> Note: White, tan, brown or gray finish. Includes factory hardware prep.		
08 16 13 00-0060			Standard, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0059)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0061			6'-8" High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0060)</small>		
08 16 13 00-0062	EA		3' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,344.56 159.43 354.87	68.58
08 16 13 00-0063	EA		3'-6" x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,377.10 159.43 354.87	71.44
08 16 13 00-0064	EA		4' x 6'-8", Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,491.70 159.43 354.87	77.16
08 16 13 00-0065			7' High, Standard Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0060)</small>		
08 16 13 00-0066	EA		3' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,344.56 159.43 354.87	68.58
08 16 13 00-0067	EA		3'-6" x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,480.26 159.43 354.87	71.44
08 16 13 00-0068	EA		4' x 7', Standard Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)..... <i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	2,491.70 159.43 354.87	77.16
08 16 13 00-0069			Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0059)</small> Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0070			45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0059)</small>		
08 16 13 00-0071			6'-8" High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0070)</small>		
08 16 13 00-0072	EA		3' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,891.95	68.58
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	159.43 354.87	
08 16 13 00-0073	EA		3'-6" x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,971.94	71.44
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	159.43 354.87	
08 16 13 00-0074	EA		4' x 6'-8", 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,160.82	77.16
			<i>For Custom Color Finish, Add</i> <i>For Stainless Steel Continuous Hinge, Add</i>	159.43 354.87	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 16 13 00-0075 7' High, 45 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0070)</small>		
08 16 13 00-0076 EA 3' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,891.95	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0077 EA 3'-6" x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,000.83	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0078 EA 4' x 7', 45 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,249.53	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0079 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0069)</small>		
08 16 13 00-0080 6'-8" High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0079)</small>		
08 16 13 00-0081 EA 3' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,891.95	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0082 EA 3'-6" x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,971.94	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0083 EA 4' x 6'-8", 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,160.82	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0084 7' High, 60 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0079)</small>		
08 16 13 00-0085 EA 3' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,891.95	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0086 EA 3'-6" x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,000.83	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0087 EA 4' x 7', 60 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,249.53	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0088 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0069)</small>		
08 16 13 00-0089 6'-8" High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0088)</small>		
08 16 13 00-0090 EA 3' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,891.95	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0091 EA 3'-6" x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,971.94	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0092 EA 4' x 6'-8", 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,160.82	77.16
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0093 7' High, 90 Minute Fire Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) <small>(08 16 13 00-0088)</small>		
08 16 13 00-0094 EA 3' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	3,891.95	68.58
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	
08 16 13 00-0095 EA 3'-6" x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door)	4,000.83	71.44
For Custom Color Finish, Add	159.43	
For Stainless Steel Continuous Hinge, Add	354.87	

08 Openings**08 10 Doors and Frames****08 16 Composite Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 16 13 00-0096	EA	4' x 7', 90 Minute Fire Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	4,249.53	77.16
		<i>For Custom Color Finish, Add</i>	159.43	
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0097		Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0099)		
		Note: Includes fiberglass reinforced polyester (FRP) door frame, 4-1/2" x 4-1/2" stainless steel hinges and factory hardware prep. Excludes hardware.		
08 16 13 00-0098		6'-8" High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)		
08 16 13 00-0099	EA	3' x 6'-8", Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,654.04	68.58
		<i>For Custom Color Finish, Add</i>	159.43	
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0100		7' High, Storm Rated, Corrosion-Resistant Fiberglass Reinforced Polyester (FRP) Doors And Frames (Skule Door) (08 16 13 00-0097)		
08 16 13 00-0101	EA	3' x 7', Storm Rated, Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Door And Frame (Skule Door).....	2,654.04	68.58
		<i>For Custom Color Finish, Add</i>	159.43	
		<i>For Stainless Steel Continuous Hinge, Add</i>	354.87	
08 16 13 00-0102		Accessories For Corrosion Resistant Fiberglass Reinforced Polyester (FRP) Doors (Skule Door) (08 16 13 00-0058)		
08 16 13 00-0103	SI	1/4" Tempered, Factory Installed Vision Glass (Skule Door).....	0.97	
08 16 13 00-0104	SI	1/4" Laminated, Factory Installed Vision Glass (Skule Door).....	1.00	
08 16 13 00-0105	SI	1/4" Wire, Factory Installed Vision Glass (Skule Door).....	1.06	
08 16 13 00-0106	SI	1/2" Insulated, Factory Installed Vision Glass (Skule Door).....	1.52	
08 16 13 00-0107	SI	Factory Installed Molded Louver (Skule Door).....	0.60	
08 16 13 00-0108	SI	Factory Installed Molded Louver With Insect Screen (Skule Door).....	0.96	
08 16 13 00-0109	LF	Weather Strip (Skule Door).....	8.25	
08 16 13 00-0110	LF	Fiberglass Reinforced Polyester (FRP) Astragal With Seal (Skule Door).....	10.32	
08 16 13 00-0111	LF	1/2" Fiberglass Reinforced Polyester (FRP) Grooved Saddle Threshold (Skule Door).....	33.01	
08 16 13 00-0112	LF	Fiberglass Reinforced Polyester (FRP) Door Sweep (Skule Door).....	117.60	
08 16 13 00-0113	LF	2-1/4" Fiberglass Reinforced Polyester (FRP) Center Door Mullion (Skule Door).....	45.39	
08 16 13 00-0114		Galvanized Insulated Poly Core Composite Doors (08 16 13)		
08 16 13 00-0115	EA	3'-0" x 7'-0" x 1-3/4" Thick, Flush, 18 Gauge, Galvanized, Insulated Poly Core Composite Door (Curries 707N).....	1,320.05	68.58
08 17 Integrated Door Opening Assemblies (08 10)				
08 17 23 Integrated Metal Door Opening Assemblies (08 17)				
08 17 23 00-0001		Pre-Hung Interior Door Units (08 17 23)		
		Note: Includes door, frame, and trim, all mounting hardware (standard duty ball bearing hinges). Excludes lockset.		
08 17 23 00-0002		Hollow Core Doors, 1-3/8" Thick (08 17 23 00-0001)		
08 17 23 00-0003		Birch Faced (08 17 23 00-0002)		
08 17 23 00-0004	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	364.34	71.44
		<i>For 8' Door Height, Add</i>	53.15	
08 17 23 00-0005	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	377.94	71.44
		<i>For 8' Door Height, Add</i>	56.41	
08 17 23 00-0006	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	397.29	74.30
		<i>For 8' Door Height, Add</i>	59.69	
08 17 23 00-0007	EA	3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	407.05	77.16
		<i>For 8' Door Height, Add</i>	60.66	
08 17 23 00-0008	EA	3'-4" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	431.74	77.16
		<i>For 8' Door Height, Add</i>	66.58	
08 17 23 00-0009	EA	3'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	455.21	80.02
		<i>For 8' Door Height, Add</i>	70.84	
08 17 23 00-0010	EA	Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	677.24	117.17
		<i>For 8' Door Height, Add</i>	106.30	
08 17 23 00-0011	EA	Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	721.62	125.74
		<i>For 8' Door Height, Add</i>	112.84	
08 17 23 00-0012	EA	Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Birch Faced Door.....	774.10	134.31
		<i>For 8' Door Height, Add</i>	121.31	
08 17 23 00-0013		Lauan Faced (08 17 23 00-0002)		
08 17 23 00-0014	EA	2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door.....	338.59	71.44
		<i>For 8' Door Height, Add</i>	46.97	
08 17 23 00-0015	EA	2'-6" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door.....	351.87	71.44
		<i>For 8' Door Height, Add</i>	50.16	
08 17 23 00-0016	EA	2'-8" x 7' x 1-3/8" Prehung Hollow Core, Lauan Faced Door.....	368.78	74.30
		<i>For 8' Door Height, Add</i>	52.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0017 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door..... <i>For 8' Door Height, Add</i>	382.40 54.74	77.16
08 17 23 00-0018 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	404.21 59.97	77.16
08 17 23 00-0019 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	421.51 62.76	80.02
08 17 23 00-0020 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	625.76 93.94	117.17
08 17 23 00-0021 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	669.39 100.30	125.74
08 17 23 00-0022 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	724.85 109.49	134.31
08 17 23 00-0023 Tempered Hardboard Faced <small>(08 17 23 00-0002)</small>		
08 17 23 00-0024 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	293.77 36.21	71.44
08 17 23 00-0025 EA 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	304.78 38.86	71.44
08 17 23 00-0026 EA 2'-8" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	315.72 40.11	74.30
08 17 23 00-0027 EA 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	331.88 42.62	77.16
08 17 23 00-0028 EA 3'-4" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	351.40 47.30	77.16
08 17 23 00-0029 EA 3'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	373.25 51.17	80.02
08 17 23 00-0030 EA Pair 2' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	541.17 73.64	117.17
08 17 23 00-0031 EA Pair 2'-6" x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	575.25 77.71	125.74
08 17 23 00-0032 EA Pair 3' x 7' x 1-3/8" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	623.73 85.23	134.31
08 17 23 00-0033 Solid Core Doors, 1-3/8" Thick <small>(08 17 23 00-0001)</small>		
08 17 23 00-0034 Birch Faced <small>(08 17 23 00-0033)</small>		
08 17 23 00-0035 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	535.05 94.12	71.44
08 17 23 00-0036 EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	555.67 99.07	71.44
08 17 23 00-0037 EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	581.97 104.01	74.30
08 17 23 00-0038 EA 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	612.79 110.04	77.16
08 17 23 00-0039 EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	663.13 122.12	77.16
08 17 23 00-0040 EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	713.33 132.79	80.02
08 17 23 00-0041 EA Pair 2' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,018.66 188.24	117.17
08 17 23 00-0042 EA Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,077.05 198.14	125.74
08 17 23 00-0043 EA Pair 3' x 7' x 1-3/8" Prehung Solid Core, Birch Faced Door <i>For 8' Door Height, Add</i>	1,185.56 220.07	134.31
08 17 23 00-0044 Luan Faced <small>(08 17 23 00-0033)</small>		
08 17 23 00-0045 EA 2'-0" Or 2'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	692.46 131.90	71.44
08 17 23 00-0046 EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	722.68 139.15	71.44
08 17 23 00-0047 EA 2'-8" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	758.58 146.40	74.30
08 17 23 00-0048 EA 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	794.78 153.71	77.16
08 17 23 00-0049 EA 3'-4" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	865.22 170.62	77.16
08 17 23 00-0050 EA 3'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	916.43 181.54	80.02
08 17 23 00-0051 EA Pair 2' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	1,333.47 263.79	117.17
08 17 23 00-0052 EA Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	1,411.10 278.31	125.74
08 17 23 00-0053 EA Pair 3' x 7' x 1-3/8" Prehung Solid Core, Luan Faced Door <i>For 8' Door Height, Add</i>	1,549.55 307.43	134.31
08 17 23 00-0054 Tempered Hardboard Faced <small>(08 17 23 00-0033)</small>		
08 17 23 00-0055 EA 2'-0" - 2'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	435.53 70.24	71.44
08 17 23 00-0056 EA 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	452.47 74.30	71.44

08 Openings**08 10 Doors and Frames****08 17 Integrated Door Opening Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0057	EA		2'-8" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	475.19 78.38	74.30
08 17 23 00-0058	EA		3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	487.19 79.89	77.16
08 17 23 00-0059	EA		3'-4" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	523.90 88.70	77.16
08 17 23 00-0060	EA		3'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	553.29 94.38	80.02
08 17 23 00-0061	PR		Pair 2' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	819.62 140.47	117.17
08 17 23 00-0062	PR		Pair 2'-6" x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	870.64 148.60	125.74
08 17 23 00-0063	PR		Pair 3' x 7' x 1-3/8" Prehung Solid Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	934.35 159.78	134.31
08 17 23 00-0064			Hollow Core Doors, 1-3/4" Thick (08 17 23 00-0001)		
08 17 23 00-0065			Birch Faced (08 17 23 00-0064)		
08 17 23 00-0066	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	419.67 66.43	71.44
08 17 23 00-0067	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	430.12 68.94	71.44
08 17 23 00-0068	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	439.70 69.86	74.30
08 17 23 00-0069	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	462.44 73.95	77.16
08 17 23 00-0070	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	507.64 84.80	77.16
08 17 23 00-0071	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	566.17 97.47	80.02
08 17 23 00-0072	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	787.95 132.86	117.17
08 17 23 00-0073	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	825.94 137.88	125.74
08 17 23 00-0074	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Birch Faced Door <i>For 8' Door Height, Add</i>	884.91 147.91	134.31
08 17 23 00-0075			Luan Faced (08 17 23 00-0064)		
08 17 23 00-0076	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	391.50 59.67	71.44
08 17 23 00-0077	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	408.63 63.78	71.44
08 17 23 00-0078	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	428.26 67.12	74.30
08 17 23 00-0079	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	439.47 68.44	77.16
08 17 23 00-0080	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	470.82 75.96	77.16
08 17 23 00-0081	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	496.79 80.82	80.02
08 17 23 00-0082	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	731.58 119.34	117.17
08 17 23 00-0083	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	782.98 127.56	125.74
08 17 23 00-0084	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Luan Faced Door <i>For 8' Door Height, Add</i>	838.96 136.88	134.31
08 17 23 00-0085			Tempered Hardboard Faced (08 17 23 00-0064)		
08 17 23 00-0086	EA		2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	330.88 45.12	71.44
08 17 23 00-0087	EA		2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	336.12 46.38	71.44
08 17 23 00-0088	EA		2'-8" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	352.29 48.89	74.30
08 17 23 00-0089	EA		3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	368.45 51.39	77.16
08 17 23 00-0090	EA		3'-4" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	380.37 54.25	77.16
08 17 23 00-0091	EA		3'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	404.60 58.70	80.02
08 17 23 00-0092	EA		Pair 2' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	616.61 91.75	117.17
08 17 23 00-0093	EA		Pair 2'-6" x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	637.94 92.76	125.74
08 17 23 00-0094	EA		Pair 3' x 7' x 1-3/4" Prehung Hollow Core, Hardboard Faced Door <i>For 8' Door Height, Add</i>	696.91 102.79	134.31
08 17 23 00-0095			Solid Core Doors, 1-3/4" Thick (08 17 23 00-0001)		
08 17 23 00-0096			Oak Or Maple Faced (08 17 23 00-0095)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 17 23 00-0097 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	821.71 162.92	71.44
08 17 23 00-0098 EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	825.86 163.92	71.44
08 17 23 00-0099 EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	866.66 172.33	74.30
08 17 23 00-0100 EA 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	881.55 174.54	77.16
08 17 23 00-0101 EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	960.38 193.45	77.16
08 17 23 00-0102 EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	1,059.50 215.88	80.02
08 17 23 00-0103 EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	1,592.01 325.85	117.17
08 17 23 00-0104 EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	1,617.47 327.84	125.74
08 17 23 00-0105 EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Oak Or Maple Faced Door..... <i>For 8' Door Height, Add</i>	1,723.10 349.07	134.31
08 17 23 00-0106 Walnut Faced <small>(08 17 23 00-0095)</small>		
08 17 23 00-0107 EA 2'-0" Or 2'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	1,033.72 213.80	71.44
08 17 23 00-0108 EA 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	1,070.76 222.69	71.44
08 17 23 00-0109 EA 2'-8" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	1,088.89 225.67	74.30
08 17 23 00-0110 EA 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	1,131.70 234.57	77.16
08 17 23 00-0111 EA 3'-4" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	1,239.23 260.38	77.16
08 17 23 00-0112 EA 3'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	1,353.52 286.44	80.02
08 17 23 00-0113 EA Pair 2' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	2,016.01 427.60	117.17
08 17 23 00-0114 EA Pair 2'-6" x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	2,107.22 445.38	125.74
08 17 23 00-0115 EA Pair 3' x 7' x 1-3/4" Prehung Solid Core, Walnut Faced Door..... <i>For 8' Door Height, Add</i>	2,223.41 469.15	134.31
08 18 Glass Doors <small>(08 10)</small>		
08 18 16 Sliding Glass Doors <small>(08 18)</small>		
08 18 16 00-0001 Sliding Aluminum-Framed Glass Doors <small>(08 18 16)</small>		
08 18 16 00-0002 Residential Sliding Aluminum-Framed Glass Doors <small>(08 18 16 00-0001)</small>		
08 18 16 00-0003 5/8" Insulating Glass, Sliding Aluminum-Framed Glass Doors <small>(08 18 16 00-0002)</small>		
08 18 16 00-0004 SF Up To 6' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware..... <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	34.73 5.28 1.42 3.80	5.14
08 18 16 00-0005 SF >6' Up To 12' Wide Sliding Glass Door 5/8" Insulated Glass With Frame, Trim, Hardware..... <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	28.11 5.05 1.42 3.63	3.20
08 18 16 00-0006 1" Insulating Glass, Sliding Aluminum-Framed Glass Doors <small>(08 18 16 00-0002)</small>		
08 18 16 00-0007 SF Up To 6' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware..... <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	38.52 6.23 1.42 4.48	5.14
08 18 16 00-0008 SF >6' Up To 12' Wide Sliding Glass Door 1" Insulated Glass With Frame, Trim, Hardware..... <i>For Custom Quality, Add</i> <i>For Tempered Glass, Add</i> <i>For Anodized Or Colored Aluminum Frames, Add</i>	31.84 5.98 1.42 4.30	3.20
08 18 16 00-0009 Sliding Wood-Framed Glass Doors <small>(08 18 16)</small>		
08 18 16 00-0010 Residential Wood Sliding Doors With 5/8" Glass <small>(08 18 16 00-0009)</small>		
08 18 16 00-0011 EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,129.69	154.32
08 18 16 00-0012 EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	2,599.90	188.61
08 18 16 00-0013 EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Frame, Trim, Hardware.....	3,004.26	217.18
08 18 16 00-0014 EA 6' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,341.58	154.32
08 18 16 00-0015 EA 8' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	2,873.57	188.61
08 18 16 00-0016 EA 9' x 6' 8" Sliding Glass Door, Wood, 5/8" Insulated Glass With Grille, Frame, Trim, Hardware.....	3,342.94	217.18

08 30 Specialty Doors and Frames (08)

Note: Includes caulk, sealant and mounting anchors.

08 Openings**08 30 Specialty Doors and Frames****08 31 Access Doors and Panels**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 31 Access Doors and Panels (08 30)

See CSI section 07 72 33 00-0000 for roof hatches, 23 33 33 00-0000 for duct-mounted access doors.

08 31 13 Access Doors and Frames (08 31)**08 31 13 00-0001 Stainless Steel Access Doors** (08 31 13)**08 31 13 00-0002 Fire Rated Stainless Steel Access Doors** (08 31 13 00-0001)

08 31 13 00-0003	EA	12" x 12" Fire Rated Stainless Steel Access Door With Cam Latch	468.63	74.41
08 31 13 00-0004	EA	12" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	543.06	79.28
08 31 13 00-0005	EA	18" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	631.39	83.85
08 31 13 00-0006	EA	24" x 18" Fire Rated Stainless Steel Access Door With Cam Latch	726.11	88.10
08 31 13 00-0007	EA	24" x 24" Fire Rated Stainless Steel Access Door With Cam Latch	742.31	88.56
08 31 13 00-0008	EA	24" x 36" Fire Rated Stainless Steel Access Door With Cam Latch	959.39	91.30

08 31 13 00-0009 Stainless Steel Access Doors (08 31 13 00-0001)

08 31 13 00-0010	EA	8" x 8" Stainless Steel Access Door With Cam Latch	200.74	57.06
08 31 13 00-0011	EA	12" x 12" Stainless Steel Access Door With Cam Latch	236.97	74.41
08 31 13 00-0012	EA	12" x 18" Stainless Steel Access Door With Cam Latch	328.56	79.28
08 31 13 00-0013	EA	18" x 18" Stainless Steel Access Door With Cam Latch	352.27	83.85
08 31 13 00-0014	EA	24" x 18" Stainless Steel Access Door With Cam Latch	405.90	88.10
08 31 13 00-0015	EA	24" x 24" Stainless Steel Access Door With Cam Latch	458.67	88.56

08 31 13 00-0016 Steel Access Doors (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0017 Insulated Fire Rated Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0018	EA	12" x 12" Insulated Fire Rated Steel Access Door With Cam Latch	294.25	74.87
08 31 13 00-0019	EA	12" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	358.65	79.28
08 31 13 00-0020	EA	18" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	360.39	83.85
08 31 13 00-0021	EA	24" x 18" Insulated Fire Rated Steel Access Door With Cam Latch	423.40	88.56
08 31 13 00-0022	EA	24" x 24" Insulated Fire Rated Steel Access Door With Cam Latch	440.89	88.56
08 31 13 00-0023	EA	24" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	578.98	91.30
08 31 13 00-0024	EA	24" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	662.37	95.11
08 31 13 00-0025	EA	36" x 36" Insulated Fire Rated Steel Access Door With Cam Latch	807.12	95.11
08 31 13 00-0026	EA	48" x 48" Insulated Fire Rated Steel Access Door With Cam Latch	1,031.65	114.12

08 31 13 00-0027 Steel Access Doors (08 31 13 00-0016)

08 31 13 00-0028	EA	8" x 8" Steel Access Door With Cam Latch	164.16	57.36
08 31 13 00-0029	EA	12" x 12" Steel Access Door With Cam Latch	175.71	74.87
08 31 13 00-0030	EA	12" x 18" Steel Access Door With Cam Latch	199.34	79.28
08 31 13 00-0031	EA	18" x 18" Steel Access Door With Cam Latch	205.92	83.85
08 31 13 00-0032	EA	24" x 18" Steel Access Door With Cam Latch	239.79	88.56
08 31 13 00-0033	EA	24" x 24" Steel Access Door With Cam Latch	244.61	88.56
08 31 13 00-0034	EA	24" x 36" Steel Access Door With Cam Latch	315.69	91.30
08 31 13 00-0035	EA	36" x 36" Steel Access Door With Cam Latch	403.79	95.11

08 31 13 00-0036 Fiberglass Reinforced Polyester (FRP) Access Doors (08 31 13)

08 31 13 00-0037	EA	8" x 8" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	202.33	57.06
08 31 13 00-0038	EA	12" x 12" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	222.94	60.87
08 31 13 00-0039	EA	12" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	270.80	64.67
08 31 13 00-0040	EA	18" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	318.44	68.47
08 31 13 00-0041	EA	24" x 18" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	369.09	71.97
08 31 13 00-0042	EA	24" x 24" Fiberglass Reinforced Polyester (FRP) Access Door With Lock	393.80	72.28

08 31 13 00-0043 Steel Recessed Access Doors For Drywall Application (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0044	EA	8" x 8" Recessed Steel Access Door With Cam Latch	221.95	57.06
		<i>For Recessed Doors In Acoustical Tile, Add</i>	29.47	
08 31 13 00-0045	EA	12" x 12" Recessed Steel Access Door With Cam Latch	233.03	61.17
		<i>For Recessed Doors In Acoustical Tile, Add</i>	32.30	
08 31 13 00-0046	EA	12" x 18" Recessed Steel Access Door With Cam Latch	249.92	64.67
		<i>For Recessed Doors In Acoustical Tile, Add</i>	33.68	
08 31 13 00-0047	EA	18" x 18" Recessed Steel Access Door With Cam Latch	289.47	68.47
		<i>For Recessed Doors In Acoustical Tile, Add</i>	31.90	
08 31 13 00-0048	EA	24" x 18" Recessed Steel Access Door With Cam Latch	304.70	72.28
		<i>For Recessed Doors In Acoustical Tile, Add</i>	33.82	
08 31 13 00-0049	EA	24" x 24" Recessed Steel Access Door With Cam Latch	330.14	72.28
		<i>For Recessed Doors In Acoustical Tile, Add</i>	30.00	
08 31 13 00-0050	EA	24" x 36" Recessed Steel Access Door With Cam Latch	411.86	91.30
		<i>For Recessed Doors In Acoustical Tile, Add</i>	38.65	
08 31 13 00-0051	EA	36" x 36" Recessed Steel Access Door With Cam Latch	570.51	95.11
		<i>For Recessed Doors In Acoustical Tile, Add</i>	19.04	

08 31 13 00-0052 Steel Crawl Space Doors And Frames (08 31 13)

Note: Includes paintable powder coated finish.

08 31 13 00-0053	EA	24" x 24" Steel Crawl Space Door With Cam Latch	258.64	96.32
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 31 13 00-0054 EA 30" x 24" Steel Crawl Space Door With Cam Latch.....	356.36	116.72
08 31 13 00-0055 EA 30" x 30" Steel Crawl Space Door With Cam Latch.....	397.90	126.75

08 33 Coiling Doors and Grilles (08 30)

08 33 13 Coiling Counter Doors (08 33)

08 33 13 00-0001 Overhead Rolling Counter Doors (08 33 13)

08 33 13 00-0002 Galvanized Steel Overhead Rolling Counter Doors (08 33 13 00-0001)

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0003 EA 4' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	6,714.61	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0004 EA 6' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	7,058.19	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0005 EA 8' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	7,626.27	444.33
For Motor Operator (With Safety Reverse), Add	759.82	
08 33 13 00-0006 EA 10' x 4', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	8,172.01	522.73
For Motor Operator (With Safety Reverse), Add	780.03	
08 33 13 00-0007 EA 4' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	8,260.73	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0008 EA 6' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	8,634.58	464.60
For Motor Operator (With Safety Reverse), Add	766.16	
08 33 13 00-0009 EA 8' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	8,852.83	483.22
For Motor Operator (With Safety Reverse), Add	770.81	
08 33 13 00-0010 EA 10' x 6', Galvanized Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 650).....	9,381.05	522.73
For Motor Operator (With Safety Reverse), Add	780.68	

08 33 13 00-0011 Stainless Steel Overhead Rolling Counter Doors (08 33 13 00-0001)

Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0012 EA 4' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	7,573.57	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0013 EA 6' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	8,518.42	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0014 EA 8' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	8,742.91	444.33
For Motor Operator (With Safety Reverse), Add	759.82	
08 33 13 00-0015 EA 10' x 4', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	10,662.99	522.73
For Motor Operator (With Safety Reverse), Add	780.03	
08 33 13 00-0016 EA 4' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	9,119.69	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0017 EA 6' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	9,407.65	464.60
For Motor Operator (With Safety Reverse), Add	766.16	
08 33 13 00-0018 EA 8' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	9,625.90	483.22
For Motor Operator (With Safety Reverse), Add	770.81	
08 33 13 00-0019 EA 10' x 6', Stainless Steel Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 651).....	12,301.52	522.73
For Motor Operator (With Safety Reverse), Add	780.68	

08 33 13 00-0020 Aluminum Overhead Rolling Counter Doors (08 33 13 00-0001)

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0021 EA 4' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	7,401.77	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0022 EA 6' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	7,745.36	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0023 EA 8' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	8,657.02	444.33
For Motor Operator (With Safety Reverse), Add	759.82	
08 33 13 00-0024 EA 10' x 4', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	10,233.51	522.73
For Motor Operator (With Safety Reverse), Add	780.03	
08 33 13 00-0025 EA 4' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	8,947.90	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0026 EA 6' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	9,321.75	464.60
For Motor Operator (With Safety Reverse), Add	766.16	
08 33 13 00-0027 EA 8' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	9,582.95	483.22
For Motor Operator (With Safety Reverse), Add	770.81	
08 33 13 00-0028 EA 10' x 6', Aluminum Overhead Rolling Counter Doors, Manual Lift (Overhead Door Company, Series 652).....	12,129.73	522.73
For Motor Operator (With Safety Reverse), Add	780.68	

08 33 13 00-0029 Galvanized Steel Overhead Rolling Counter Fire Doors (08 33 13 00-0001)

Note: Includes necessary anchors, track and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 13 00-0030 EA 4' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	8,776.11	418.19
For Motor Operator (With Safety Reverse), Add	754.55	
08 33 13 00-0031 EA 6' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640).....	9,291.49	418.19
For Motor Operator (With Safety Reverse), Add	754.55	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0032	EA		8' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,031.35	444.33
			<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0033	EA		10' x 4', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,748.89	522.73
			<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0034	EA		4' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	9,806.86	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0035	EA		6' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,266.61	464.60
			<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0036	EA		8' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,656.65	483.22
			<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0037	EA		10' x 6', Galvanized Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 640)	10,927.18	522.73
			<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0038			Stainless Steel Overhead Rolling Counter Fire Doors <small>(08 33 13 00-0001)</small> Note: Includes necessary anchors, track and hardware. Includes No. 4 stainless steel finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0039	EA		4' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	9,978.65	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0040	EA		6' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	11,352.99	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0041	EA		8' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	11,577.48	444.33
			<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0042	EA		10' x 4', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,184.73	522.73
			<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0043	EA		4' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	10,837.61	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0044	EA		6' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	11,211.46	464.60
			<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0045	EA		8' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	11,601.51	483.22
			<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0046	EA		10' x 6', Stainless Steel Overhead Rolling Counter Fire Doors, Manual Lift (Overhead Door Company, Series 641)	14,363.02	522.73
			<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0047			Integral Frame And Sill, Overhead Rolling Counter Doors <small>(08 33 13)</small>		
08 33 13 00-0048			Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill <small>(08 33 13 00-0047)</small> Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0049	EA		4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	14,445.25	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0050	EA		6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	14,788.83	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0051	EA		8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	19,855.18	444.33
			<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0052	EA		10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,730.86	522.73
			<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0053	EA		4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	14,960.62	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0054	EA		6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,420.37	464.60
			<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0055	EA		8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	15,810.41	483.22
			<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0056	EA		10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 655)	17,627.07	522.73
			<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0057			Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill <small>(08 33 13 00-0047)</small> Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish, aluminum slats are finished with clear anodized finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0058	EA		4' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	12,727.33	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0059	EA		6' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	13,070.91	418.19
			<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 13 00-0060 EA 8' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	13,467.19	444.33
<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0061 EA 10' x 4', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	14,012.94	522.73
<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0062 EA 4' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	14,273.45	418.19
<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0063 EA 6' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	14,733.20	464.60
<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0064 EA 8' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	15,295.03	483.22
<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0065 EA 10' x 6', Integral Frame And Sill, Aluminum Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 656)	15,737.36	522.73
<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0066 Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill <small>(08 33 13 00-0047)</small>		
Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0067 EA 4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	19,942.59	418.19
<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0068 EA 6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	21,660.51	418.19
<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0069 EA 8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	25,149.05	444.33
<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0070 EA 10' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	27,069.13	522.73
<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0071 EA 4' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	22,519.47	418.19
<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0072 EA 6' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	24,353.55	464.60
<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0073 EA 8' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	26,976.89	483.22
<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0074 EA 10' x 6', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Doors With Stainless Steel Frame and Sill, Manual Lift (Overhead Door Company, Series 657)	30,511.47	522.73
<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	
08 33 13 00-0075 Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Frame and Stainless Steel Sill <small>(08 33 13 00-0047)</small>		
Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.		
08 33 13 00-0076 EA 4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	16,850.33	418.19
<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0077 EA 6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	17,193.92	418.19
<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0078 EA 8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	17,933.79	444.33
<i>For Motor Operator (With Safety Reverse), Add</i>	759.82	
08 33 13 00-0079 EA 10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	19,338.49	522.73
<i>For Motor Operator (With Safety Reverse), Add</i>	780.03	
08 33 13 00-0080 EA 4' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	17,881.09	418.19
<i>For Motor Operator (With Safety Reverse), Add</i>	754.55	
08 33 13 00-0081 EA 6' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	19,028.00	464.60
<i>For Motor Operator (With Safety Reverse), Add</i>	766.16	
08 33 13 00-0082 EA 8' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	20,105.21	483.22
<i>For Motor Operator (With Safety Reverse), Add</i>	770.81	
08 33 13 00-0083 EA 10' x 6', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Doors With Galvanized Steel Frame, Stainless Steel Sill, Manual Lift (Overhead Door Company, Series 658)	23,639.79	522.73
<i>For Motor Operator (With Safety Reverse), Add</i>	780.68	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 33 13 00-0084		Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood <small>(08 33 13 00-0047)</small>			
		Note: Includes necessary anchors, track and hardware. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.			
08 33 13 00-0085	EA	4' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	24,237.39		418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55		
08 33 13 00-0086	EA	6' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	25,096.35		418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55		
08 33 13 00-0087	EA	8' x 4', Integral Frame And Sill, Stainless Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 660)	28,584.89		444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82		
08 33 13 00-0088		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood <small>(08 33 13 00-0047)</small>			
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.			
08 33 13 00-0089	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	18,224.67		418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55		
08 33 13 00-0090	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	25,096.35		418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55		
08 33 13 00-0091	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Galvanized Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 661)	28,584.89		444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82		
08 33 13 00-0092		Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood <small>(08 33 13 00-0047)</small>			
		Note: Includes necessary anchors, track and hardware. Galvanized steel surfaces feature a baked-on primer coat to enhance overall durability and minimize field painting. Stainless surfaces feature a standard No. 4 finish. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.			
08 33 13 00-0093	EA	4' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	15,819.58		418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55		
08 33 13 00-0094	EA	6' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	17,881.09		418.19
		<i>For Motor Operator (With Safety Reverse), Add</i>	754.55		
08 33 13 00-0095	EA	8' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	19,136.33		444.33
		<i>For Motor Operator (With Safety Reverse), Add</i>	759.82		
08 33 13 00-0096	EA	10' x 4', Integral Frame And Sill, Galvanized Steel Overhead Rolling Counter Fire Doors With Stainless Steel Frame and Hood, Manual Lift (Overhead Door Company, Series 662)	21,056.41		522.73
		<i>For Motor Operator (With Safety Reverse), Add</i>	780.03		
08 33 16		Coiling Counter Grilles <small>(08 33)</small>			
08 33 16 00-0001		Galvanized Steel Overhead Coiling Counter Grilles (Width x Height) <small>(08 33 16)</small>			
08 33 16 00-0002	EA	4' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,037.09		182.96
		<i>For Lexan Lattice Pattern, Add</i>	227.15		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	108.22		
		<i>For Staggered Brick Pattern, Add</i>	192.67		
08 33 16 00-0003	EA	6' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,230.76		182.96
		<i>For Lexan Lattice Pattern, Add</i>	256.20		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	148.92		
		<i>For Staggered Brick Pattern, Add</i>	261.37		
08 33 16 00-0004	EA	8' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	2,600.48		243.91
		<i>For Lexan Lattice Pattern, Add</i>	285.53		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	189.64		
		<i>For Staggered Brick Pattern, Add</i>	330.08		
08 33 16 00-0005	EA	12' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	3,066.57		243.91
		<i>For Lexan Lattice Pattern, Add</i>	355.44		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	271.05		
		<i>For Staggered Brick Pattern, Add</i>	467.50		
08 33 16 00-0006	EA	16' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,178.61		365.91
		<i>For Lexan Lattice Pattern, Add</i>	469.97		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	406.06		
		<i>For Staggered Brick Pattern, Add</i>	616.45		
08 33 16 00-0007	EA	18' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	4,733.93		418.19
		<i>For Lexan Lattice Pattern, Add</i>	527.24		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	406.06		
		<i>For Staggered Brick Pattern, Add</i>	616.45		
08 33 16 00-0008	EA	20' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift	5,290.64		487.71
		<i>For Lexan Lattice Pattern, Add</i>	584.50		
		<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	541.06		
		<i>For Staggered Brick Pattern, Add</i>	765.41		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 16 00-0009 EA 24' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	6,587.09 736.75 649.28 791.48	585.46
08 33 16 00-0010 EA 30' x 4', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	8,094.60 900.55 759.96 908.53	731.83
08 33 16 00-0011 EA 4' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	2,184.93 249.33 162.31 223.84	182.96
08 33 16 00-0012 EA 6' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	2,463.09 291.05 243.45 304.43	182.96
08 33 16 00-0013 EA 8' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	2,801.41 315.66 324.57 385.02	244.02
08 33 16 00-0014 EA 12' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	3,338.42 396.22 486.96 546.18	244.02
08 33 16 00-0015 EA 16' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	4,559.92 527.17 649.28 751.89	365.91
08 33 16 00-0016 EA 18' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	5,169.96 592.64 649.28 751.89	418.19
08 33 16 00-0017 EA 20' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	5,777.69 658.12 811.60 957.60	487.71
08 33 16 00-0018 EA 24' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	7,223.07 832.15 973.91 1,103.92	585.46
08 33 16 00-0019 EA 30' x 6', Galvanized Steel Overhead Coiling Counter Grilles, Manual Lift..... <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	8,728.02 995.56 1,133.90 1,237.56	731.83

08 33 23 Overhead Coiling Doors (08 33)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0984 for forklift.

08 33 23 11 Overhead Coiling Doors (08 33 23)

Note: Includes panels, guides, counterbalance mechanisms, hardware, and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required.

08 33 23 11-0001 Galvanized Steel Overhead Coiling Doors (Width x Height) (08 33 23 11)

Note: Includes necessary anchors, track, and hardware. Includes galvanized steel primed with choice of baked-on polyester top coat finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0002 26 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

08 33 23 11-0003 EA 4' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,351.56	583.89
08 33 23 11-0004 EA 4' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,445.55	618.24
08 33 23 11-0005 EA 5' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,442.60	618.24
08 33 23 11-0006 EA 5' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,540.47	652.58
08 33 23 11-0007 EA 6' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,567.99	669.78
08 33 23 11-0008 EA 6' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,699.90	721.27
08 33 23 11-0009 EA 6' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,808.79	755.62
08 33 23 11-0010 EA 8' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,779.58	755.62
08 33 23 11-0011 EA 8' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,835.10	772.79
08 33 23 11-0012 EA 8' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,900.01	789.96
08 33 23 11-0013 EA 8' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,027.82	824.31
08 33 23 11-0014 EA 10' x 7', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	1,895.94	789.96
08 33 23 11-0015 EA 10' x 8', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,008.38	824.31
08 33 23 11-0016 EA 10' x 9', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,135.41	858.66
08 33 23 11-0017 EA 10' x 10', 26 Gauge Galvanized Steel Overhead Coiling Door, Manual Lift.....	2,234.23	893.01

08 33 23 11-0018 24 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001)

Note: With curtain hood (barrel cover).

08 33 23 11-0019 EA 8' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,134.03 1,264.32	868.96
08 33 23 11-0020 EA 8' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,221.85 1,305.46	888.71
08 33 23 11-0021 EA 8' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,481.82 1,426.42	947.95
08 33 23 11-0022 EA 8' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,708.03 1,546.70	987.45

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0023	EA		10' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,347.77 1,375.25	908.45
08 33 23 11-0024	EA		10' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,615.80 1,477.53	987.45
08 33 23 11-0025	EA		10' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,804.85 1,569.94	1,026.95
08 33 23 11-0026	EA		10' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,042.45 1,698.78	1,066.45
08 33 23 11-0027	EA		12' x 7', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,570.94 1,493.26	947.95
08 33 23 11-0028	EA		12' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,777.43 1,598.75	987.45
08 33 23 11-0029	EA		12' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,062.94 1,714.14	1,066.45
08 33 23 11-0030	EA		12' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,363.31 1,896.49	1,100.80
08 33 23 11-0031	EA		14' x 8', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,476.57 1,895.57	1,169.49
08 33 23 11-0032	EA		14' x 10', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,879.34 2,111.78	1,238.18
08 33 23 11-0033	EA		14' x 12', 24 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,298.20 2,340.06	1,306.88
08 33 23 11-0034			22 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover).		
08 33 23 11-0035	EA		4' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	2,767.07 1,097.72	782.06
08 33 23 11-0036	EA		4' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	2,974.32 1,198.81	825.52
08 33 23 11-0037	EA		4' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,122.46 1,266.98	859.87
08 33 23 11-0038	EA		6' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,162.36 1,231.22	912.42
08 33 23 11-0039	EA		6' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,469.90 1,353.25	999.31
08 33 23 11-0040	EA		6' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,661.49 1,454.01	1,033.66
08 33 23 11-0041	EA		6' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,108.43 1,746.29	1,068.01
08 33 23 11-0042	EA		6' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,589.73 2,042.86	1,119.52
08 33 23 11-0043	EA		8' x 8', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,434.29 1,353.77	977.57
08 33 23 11-0044	EA		8' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,712.58 1,481.00	1,042.75
08 33 23 11-0045	EA		8' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	3,934.11 1,592.79	1,086.20
08 33 23 11-0046	EA		8' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,364.13 1,872.37	1,120.55
08 33 23 11-0047	EA		8' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,828.49 2,156.24	1,172.07
08 33 23 11-0048	EA		10' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,047.05 1,623.23	1,129.65
08 33 23 11-0049	EA		10' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,333.33 1,783.59	1,173.10
08 33 23 11-0050	EA		10' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,848.88 2,084.38	1,241.79
08 33 23 11-0051	EA		10' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,433.11 2,393.76	1,344.84
08 33 23 11-0052	EA		10' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,040.51 2,677.58	1,482.22
08 33 23 11-0053	EA		10' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,716.62 2,969.99	1,653.95
08 33 23 11-0054	EA		10' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,461.41 3,270.99	1,860.03
08 33 23 11-0055	EA		10' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,273.47 3,579.51	2,100.45
08 33 23 11-0056	EA		12' x 10', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,346.70 1,793.61	1,173.10
08 33 23 11-0057	EA		12' x 12', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	4,628.99 1,958.11	1,210.88
08 33 23 11-0058	EA		12' x 14', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,267.16 2,350.86	1,279.57
08 33 23 11-0059	EA		12' x 16', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,974.00 2,752.20	1,382.62
08 33 23 11-0060	EA		12' x 18', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,680.05 3,110.01	1,520.00
08 33 23 11-0061	EA		12' x 20', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,454.80 3,476.40	1,691.73
08 33 23 11-0062	EA		12' x 22', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,298.23 3,851.38	1,897.81
08 33 23 11-0063	EA		12' x 24', 22 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,279.04 4,243.52	2,172.58

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0064				20 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover)		
	08 33 23 11-0065	EA		14' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	5,288.37 2,258.84	1,365.96
	08 33 23 11-0066	EA		14' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	5,772.86 2,536.35	1,434.65
	08 33 23 11-0067	EA		14' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	6,349.69 2,883.10	1,503.35
	08 33 23 11-0068	EA		14' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	6,937.50 3,195.16	1,606.39
	08 33 23 11-0069	EA		14' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	7,625.52 3,539.44	1,743.77
	08 33 23 11-0070	EA		14' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	8,312.96 3,883.29	1,881.16
	08 33 23 11-0071	EA		14' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	9,692.73 4,703.45	2,052.89
	08 33 23 11-0072	EA		14' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	11,141.18 5,532.20	2,258.96
	08 33 23 11-0073	EA		16' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	6,338.85 2,790.57	1,570.86
	08 33 23 11-0074	EA		16' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	6,885.44 3,114.64	1,639.55
	08 33 23 11-0075	EA		16' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	7,375.85 3,396.59	1,708.25
	08 33 23 11-0076	EA		16' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	7,951.21 3,699.30	1,811.28
	08 33 23 11-0077	EA		16' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	8,642.07 4,045.72	1,948.67
	08 33 23 11-0078	EA		16' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	9,421.37 4,458.46	2,086.05
	08 33 23 11-0079	EA		16' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	10,585.24 5,116.71	2,257.79
	08 33 23 11-0080	EA		16' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	11,826.35 5,789.94	2,463.86
	08 33 23 11-0081	EA		18' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	6,882.23 2,952.61	1,767.22
	08 33 23 11-0082	EA		18' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	7,374.92 3,236.26	1,835.92
	08 33 23 11-0083	EA		18' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	8,158.17 3,694.90	1,938.96
	08 33 23 11-0084	EA		18' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	8,901.37 4,080.57	2,076.34
	08 33 23 11-0085	EA		18' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	9,717.63 4,478.10	2,248.08
	08 33 23 11-0086	EA		18' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	10,603.14 4,884.64	2,454.15
	08 33 23 11-0087	EA		18' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	12,062.81 5,678.86	2,694.57
	08 33 23 11-0088	EA		18' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	13,617.05 6,501.08	2,969.34
	08 33 23 11-0089	EA		20' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	7,872.19 3,363.72	2,032.30
	08 33 23 11-0090	EA		20' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	8,782.13 3,960.31	2,101.00
	08 33 23 11-0091	EA		20' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	9,984.68 4,382.49	2,484.84
	08 33 23 11-0092	EA		20' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	10,968.56 4,991.61	2,587.88
	08 33 23 11-0093	EA		20' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	12,157.65 5,711.69	2,725.26
	08 33 23 11-0094	EA		20' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	13,476.32 6,528.97	2,862.65
	08 33 23 11-0095	EA		20' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	14,869.79 7,359.40	3,034.38
	08 33 23 11-0096	EA		20' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	16,363.37 8,214.49	3,240.45
	08 33 23 11-0097	EA		22' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	8,694.53 3,513.62	2,405.85
	08 33 23 11-0098	EA		22' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	9,725.91 4,158.36	2,508.88
	08 33 23 11-0099	EA		22' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	11,147.88 4,944.24	2,733.31
	08 33 23 11-0100	EA		22' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	12,414.56 5,765.44	2,836.35
	08 33 23 11-0101	EA		22' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	13,753.98 6,598.28	2,973.73
	08 33 23 11-0102	EA		22' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	15,222.52 7,527.95	3,111.12
	08 33 23 11-0103	EA		22' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	16,764.01 8,469.41	3,282.85
	08 33 23 11-0104	EA		22' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	18,365.58 9,412.99	3,488.94
	08 33 23 11-0105	EA		24' x 10', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	9,580.70 3,877.47	2,646.42

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0106	EA		24' x 12', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,282.26 4,317.78	2,715.11
08 33 23 11-0107	EA		24' x 14', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,764.95 5,343.93	2,783.81
08 33 23 11-0108	EA		24' x 16', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,172.50 6,270.79	2,886.84
08 33 23 11-0109	EA		24' x 18', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,595.87 7,166.58	3,024.23
08 33 23 11-0110	EA		24' x 20', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	16,147.38 8,158.49	3,161.61
08 33 23 11-0111	EA		24' x 22', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	18,040.41 9,342.13	3,350.52
08 33 23 11-0112	EA		24' x 24', 20 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	19,976.65 10,558.18	3,539.42
08 33 23 11-0113			18 Gauge Galvanized Steel Overhead Coiling Doors (08 33 23 11-0001) Note: With curtain hood (barrel cover).		
08 33 23 11-0114	EA		14' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	5,808.40 2,563.51	1,434.30
08 33 23 11-0115	EA		14' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,351.83 2,880.93	1,506.43
08 33 23 11-0116	EA		14' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,001.44 3,277.97	1,578.55
08 33 23 11-0117	EA		14' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,656.81 3,634.26	1,686.68
08 33 23 11-0118	EA		14' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,420.55 4,026.76	1,830.93
08 33 23 11-0119	EA		14' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,183.64 4,418.75	1,975.19
08 33 23 11-0120	EA		14' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,736.02 5,357.64	2,155.57
08 33 23 11-0121	EA		14' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	12,360.54 6,305.56	2,371.95
08 33 23 11-0122	EA		16' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	6,975.45 3,169.87	1,649.44
08 33 23 11-0123	EA		16' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,590.28 3,540.84	1,721.57
08 33 23 11-0124	EA		16' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,140.53 3,863.37	1,793.70
08 33 23 11-0125	EA		16' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,781.58 4,208.91	1,901.82
08 33 23 11-0126	EA		16' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,548.58 4,603.84	2,046.08
08 33 23 11-0127	EA		16' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,417.31 5,075.07	2,190.33
08 33 23 11-0128	EA		16' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,721.42 5,827.76	2,370.71
08 33 23 11-0129	EA		16' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,107.46 6,596.81	2,587.09
08 33 23 11-0130	EA		18' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	7,561.08 3,351.32	1,855.52
08 33 23 11-0131	EA		18' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,113.92 3,675.79	1,927.65
08 33 23 11-0132	EA		18' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,994.05 4,200.65	2,035.90
08 33 23 11-0133	EA		18' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,821.27 4,640.75	2,180.16
08 33 23 11-0134	EA		18' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,725.60 5,093.60	2,360.41
08 33 23 11-0135	EA		18' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,702.72 5,555.97	2,576.79
08 33 23 11-0136	EA		18' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,333.26 6,463.31	2,829.31
08 33 23 11-0137	EA		18' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	15,065.68 7,401.99	3,117.82
08 33 23 11-0138	EA		20' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	8,646.52 3,817.47	2,133.87
08 33 23 11-0139	EA		20' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,679.20 4,501.83	2,205.99
08 33 23 11-0140	EA		20' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,790.43 4,831.47	2,609.07
08 33 23 11-0141	EA		20' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	11,871.05 5,506.70	2,717.34
08 33 23 11-0142	EA		20' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	13,175.47 6,304.70	2,861.59
08 33 23 11-0143	EA		20' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	14,623.87 7,210.68	3,005.85
08 33 23 11-0144	EA		20' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	16,151.17 8,130.76	3,186.10
08 33 23 11-0145	EA		20' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	17,774.41 9,077.71	3,402.48
08 33 23 11-0146	EA		22' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	9,366.50 3,867.26	2,526.10
08 33 23 11-0147	EA		22' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift..... <i>For 3/4" Insulated Slats, Add</i>	10,499.89 4,582.06	2,634.35

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 11-0148 EA 22' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	12,052.53 5,451.85	2,869.97
08 33 23 11-0149 EA 22' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	13,447.34 6,362.72	2,978.23
08 33 23 11-0150 EA 22' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	14,918.81 7,286.00	3,122.48
08 33 23 11-0151 EA 22' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	16,533.72 8,316.87	3,266.74
08 33 23 11-0152 EA 22' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	18,225.49 9,360.30	3,446.99
08 33 23 11-0153 EA 22' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	19,979.84 10,405.58	3,663.37
08 33 23 11-0154 EA 24' x 10', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	10,321.73 4,267.87	2,778.75
08 33 23 11-0155 EA 24' x 12', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	11,092.84 4,756.04	2,850.88
08 33 23 11-0156 EA 24' x 14', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	12,731.88 5,895.15	2,923.00
08 33 23 11-0157 EA 24' x 16', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	14,283.23 6,923.43	3,031.13
08 33 23 11-0158 EA 24' x 18', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	15,847.98 7,916.67	3,175.38
08 33 23 11-0159 EA 24' x 20', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	17,555.07 9,016.68	3,319.63
08 33 23 11-0160 EA 24' x 22', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	19,635.41 10,328.95	3,518.01
08 33 23 11-0161 EA 24' x 24', 18 Gauge Galvanized Steel Overhead Coiling Door, Chain Lift <i>For 3/4" Insulated Slats, Add</i>	21,763.65 11,677.24	3,716.40

08 33 23 11-0162 Aluminum Overhead Coiling Doors (Width x Height) (08 33 23 11)

Note: Includes necessary anchors, track and hardware. Includes clear anodized aluminum finish. 20 psf wind load. Non-galvanized exposed ferrous surfaces shall receive one coat of rust-inhibitive primer. Excludes steel framing supports.

08 33 23 11-0163 0.04" Aluminum Overhead Coiling Doors (08 33 23 11-0162)

08 33 23 11-0164 EA 4' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	2,833.54	782.06
08 33 23 11-0165 EA 4' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,044.95	825.52
08 33 23 11-0166 EA 4' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,578.03	859.87
08 33 23 11-0167 EA 6' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,470.26	912.42
08 33 23 11-0168 EA 6' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,798.02	999.31
08 33 23 11-0169 EA 6' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,020.73	1,033.66
08 33 23 11-0170 EA 6' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,289.61	1,068.01
08 33 23 11-0171 EA 6' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,596.20	1,119.52
08 33 23 11-0172 EA 8' x 8', 0.04" Aluminum Overhead Coiling Door, Chain Lift	3,790.53	977.57
08 33 23 11-0173 EA 8' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,129.32	1,042.75
08 33 23 11-0174 EA 8' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,427.95	1,086.20
08 33 23 11-0175 EA 8' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,697.06	1,120.55
08 33 23 11-0176 EA 8' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,001.61	1,172.07
08 33 23 11-0177 EA 10' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,531.11	1,129.65
08 33 23 11-0178 EA 10' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,824.94	1,173.10
08 33 23 11-0179 EA 10' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,217.46	1,241.79
08 33 23 11-0180 EA 10' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,680.09	1,344.84
08 33 23 11-0181 EA 10' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,393.58	1,482.22
08 33 23 11-0182 EA 10' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,175.67	1,653.95
08 33 23 11-0183 EA 10' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,022.25	1,860.03
08 33 23 11-0184 EA 10' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,938.74	2,100.45
08 33 23 11-0185 EA 12' x 10', 0.04" Aluminum Overhead Coiling Door, Chain Lift	4,819.75	1,173.10
08 33 23 11-0186 EA 12' x 12', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,394.96	1,210.88
08 33 23 11-0187 EA 12' x 14', 0.04" Aluminum Overhead Coiling Door, Chain Lift	5,921.76	1,279.57
08 33 23 11-0188 EA 12' x 16', 0.04" Aluminum Overhead Coiling Door, Chain Lift	6,519.58	1,382.62
08 33 23 11-0189 EA 12' x 18', 0.04" Aluminum Overhead Coiling Door, Chain Lift	7,325.01	1,520.00
08 33 23 11-0190 EA 12' x 20', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,201.15	1,691.73
08 33 23 11-0191 EA 12' x 22', 0.04" Aluminum Overhead Coiling Door, Chain Lift	8,852.83	1,897.81
08 33 23 11-0192 EA 12' x 24', 0.04" Aluminum Overhead Coiling Door, Chain Lift	9,644.60	2,172.58

08 33 23 11-0193 0.05" Aluminum Overhead Coiling Doors (08 33 23 11-0162)

08 33 23 11-0194 EA 14' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	5,512.14	1,365.96
08 33 23 11-0195 EA 14' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,205.56	1,434.65
08 33 23 11-0196 EA 14' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,885.86	1,503.35
08 33 23 11-0197 EA 14' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,582.16	1,606.39
08 33 23 11-0198 EA 14' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,389.96	1,743.77
08 33 23 11-0199 EA 14' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,197.73	1,881.16
08 33 23 11-0200 EA 14' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,085.72	2,052.89
08 33 23 11-0201 EA 14' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,042.53	2,258.96
08 33 23 11-0202 EA 16' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	6,423.72	1,570.86
08 33 23 11-0203 EA 16' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,148.41	1,639.55
08 33 23 11-0204 EA 16' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,843.47	1,708.25
08 33 23 11-0205 EA 16' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,628.65	1,811.28
08 33 23 11-0206 EA 16' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,541.74	1,948.67
08 33 23 11-0207 EA 16' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,504.15	2,086.05
08 33 23 11-0208 EA 16' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,495.75	2,257.79
08 33 23 11-0209 EA 16' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,505.09	2,463.86

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	11-0210	EA	18' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,180.07	1,767.22
08 33 23	11-0211	EA	18' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	7,955.77	1,835.92
08 33 23	11-0212	EA	18' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,874.81	1,938.96
08 33 23	11-0213	EA	18' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,849.75	2,076.34
08 33 23	11-0214	EA	18' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,903.90	2,248.08
08 33 23	11-0215	EA	18' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,020.17	2,454.15
08 33 23	11-0216	EA	18' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,203.49	2,694.57
08 33 23	11-0217	EA	18' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,462.06	2,969.34
08 33 23	11-0218	EA	20' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,203.78	2,032.30
08 33 23	11-0219	EA	20' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	8,994.27	2,101.00
08 33 23	11-0220	EA	20' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,291.04	2,204.04
08 33 23	11-0221	EA	20' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,210.73	2,341.42
08 33 23	11-0222	EA	20' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,353.71	2,513.16
08 33 23	11-0223	EA	20' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,594.99	2,719.23
08 33 23	11-0224	EA	20' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,852.31	2,959.66
08 33 23	11-0225	EA	20' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,212.91	3,234.43
08 33 23	11-0226	EA	22' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	9,686.11	2,405.85
08 33 23	11-0227	EA	22' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,727.89	2,508.88
08 33 23	11-0228	EA	22' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,131.04	2,733.31
08 33 23	11-0229	EA	22' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	13,269.89	2,836.35
08 33 23	11-0230	EA	22' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,475.81	2,973.73
08 33 23	11-0231	EA	22' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,693.21	3,111.12
08 33 23	11-0232	EA	22' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,916.80	3,282.85
08 33 23	11-0233	EA	22' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	18,217.30	3,488.94
08 33 23	11-0234	EA	24' x 10', 0.05" Aluminum Overhead Coiling Door, Chain Lift	10,675.68	2,646.42
08 33 23	11-0235	EA	24' x 12', 0.05" Aluminum Overhead Coiling Door, Chain Lift	11,314.81	2,715.11
08 33 23	11-0236	EA	24' x 14', 0.05" Aluminum Overhead Coiling Door, Chain Lift	12,837.42	2,783.81
08 33 23	11-0237	EA	24' x 16', 0.05" Aluminum Overhead Coiling Door, Chain Lift	14,111.15	2,886.84
08 33 23	11-0238	EA	24' x 18', 0.05" Aluminum Overhead Coiling Door, Chain Lift	15,386.15	3,024.23
08 33 23	11-0239	EA	24' x 20', 0.05" Aluminum Overhead Coiling Door, Chain Lift	16,661.17	3,161.61
08 33 23	11-0240	EA	24' x 22', 0.05" Aluminum Overhead Coiling Door, Chain Lift	18,175.93	3,333.35
08 33 23	11-0241	EA	24' x 24', 0.05" Aluminum Overhead Coiling Door, Chain Lift	19,808.77	3,539.42
08 33 23	11-0242		Overhead Coiling Door Accessories (08 33 23 11)		
08 33 23	11-0243	LF	Bottom Of Door, Weather Strip Seal For Coiling Doors, Astragal Only	5.06	1.43
08 33 23	11-0244	LF	Top Of Door (Lintel), Weather Strip Seal For Coiling Doors	33.37	1.71
08 33 23	11-0245	LF	Side Of Door (Guides), Weather Strip Seal For Coiling Doors	31.82	1.71
08 33 23	11-0246	EA	Cylinder Lock For Coiling Doors	263.41	71.44
08 33 23	11-0247	EA	Up To 12' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	1,789.91	228.61
			Note: Includes three button inside station controls and mounting hardware.		
08 33 23	11-0248	EA	Up To 12' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,265.28	228.61
			Note: Includes three button inside station controls and mounting hardware.		
08 33 23	11-0249	EA	>12' To 18' Height, 1/2 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,120.47	257.19
			Note: Includes three button inside station controls and mounting hardware.		
08 33 23	11-0250	EA	>12' To 18' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,510.77	257.19
			Note: Includes three button inside station controls and mounting hardware.		
08 33 23	11-0251	EA	>18' To 24' Height, 3/4 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,736.27	285.76
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 33 23	11-0252	EA	>18' To 24' Height, 1 HP Motorized Jackshaft Operator For Coiling Doors And Grilles	2,973.04	285.76
			Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.		
08 33 23	11-0253	LF	Safety Edge Bottom Bar Obstruction Detection Device, Electric For Coiling Doors And Grilles	104.69	
08 33 23	11-0254	EA	Remote Transmitter Kit For Coiling Door Operators	352.56	114.31
08 33 23	11-0255		Removal And Reinstallation Of Roll-Up Door And Support (08 33 23 11)		
			Note: Includes storage, cleaning and supply materials.		
08 33 23	11-0256	SF	Removal And Reinstallation Of Metal Roll-Up Door And Supports	24.51	
08 33 23	13		Overhead Rapid Coiling Doors (08 33 23)		
			Note: Includes panels, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required. Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0984 for forklift.		
08 33 23	13-0001		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13)		
			Note: Door panel is 32 ounce vinyl. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Manual drive system.		
08 33 23	13-0002		32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0001)		
08 33 23	13-0003		5' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) (08 33 23 13-0002)		
08 33 23	13-0004	EA	5' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,159.47	418.36
08 33 23	13-0005	EA	5' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,439.94	437.79
08 33 23	13-0006	EA	5' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,718.54	457.23
08 33 23	13-0007	EA	5' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,995.27	476.66
08 33 23	13-0008	EA	5' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,275.73	496.09
08 33 23	13-0009	EA	5' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,554.33	515.52

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0010				6' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) <small>(08 33 23 13-0002)</small>		
	08 33 23 13-0011	EA		6' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,439.94	437.79
	08 33 23 13-0012	EA		6' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,718.54	457.23
	08 33 23 13-0013	EA		6' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,995.27	476.66
	08 33 23 13-0014	EA		6' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,275.73	496.09
	08 33 23 13-0015	EA		6' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,554.33	515.52
	08 33 23 13-0016	EA		6' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,832.95	534.95
08 33 23 13-0017				7' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) <small>(08 33 23 13-0002)</small>		
	08 33 23 13-0018	EA		7' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,718.54	457.23
	08 33 23 13-0019	EA		7' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,995.27	476.66
	08 33 23 13-0020	EA		7' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,275.73	496.09
	08 33 23 13-0021	EA		7' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,554.33	515.52
	08 33 23 13-0022	EA		7' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,832.95	534.95
	08 33 23 13-0023	EA		7' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,113.42	554.39
08 33 23 13-0024				8' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) <small>(08 33 23 13-0002)</small>		
	08 33 23 13-0025	EA		8' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	5,995.27	476.66
	08 33 23 13-0026	EA		8' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,275.73	496.09
	08 33 23 13-0027	EA		8' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,554.33	515.52
	08 33 23 13-0028	EA		8' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,832.95	534.95
	08 33 23 13-0029	EA		8' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,113.42	554.39
	08 33 23 13-0030	EA		8' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,390.14	573.82
08 33 23 13-0031				9' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) <small>(08 33 23 13-0002)</small>		
	08 33 23 13-0032	EA		9' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,275.73	496.09
	08 33 23 13-0033	EA		9' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,554.33	515.52
	08 33 23 13-0034	EA		9' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,832.95	534.95
	08 33 23 13-0035	EA		9' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,113.42	554.39
	08 33 23 13-0036	EA		9' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,390.14	573.82
	08 33 23 13-0037	EA		9' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,670.62	593.25
08 33 23 13-0038				10' Wide, 32 Ounce Vinyl Panels, Manually Operated Rolling Doors (Rytec® Bantam®) <small>(08 33 23 13-0002)</small>		
	08 33 23 13-0039	EA		10' x 5', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,554.33	515.52
	08 33 23 13-0040	EA		10' x 6', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	6,832.95	534.95
	08 33 23 13-0041	EA		10' x 7', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,113.42	554.39
	08 33 23 13-0042	EA		10' x 8', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,390.14	573.82
	08 33 23 13-0043	EA		10' x 9', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,670.62	593.25
	08 33 23 13-0044	EA		10' x 10', 32 Ounce Vinyl Panels, Manually Operated Rolling Door (Rytec® Bantam®)	7,949.22	612.68
08 33 23 13-0045				Rytec® Bantam® Door Options <small>(08 33 23 13-0001)</small>		
	08 33 23 13-0046	SF		Upgrade To 2-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	11.71	
	08 33 23 13-0047	SF		Upgrade To 3-Ply Rilon Panel Material For Rytec® Bantam® High-Speed Rolling Doors	25.75	
	08 33 23 13-0048	LF		31" High Full Vision Panel For Rytec® Bantam® High-Speed Rolling Doors	37.46	
				Note: Multiply linear foot price x width of door.		
	08 33 23 13-0049	EA		Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Bantam® High-Speed Rolling Doors	355.86	
	08 33 23 13-0050	EA		Roll Cover For Rytec® Bantam® High-Speed Rolling Doors	676.19	57.15
	08 33 23 13-0051	EA		Motor Cover For Rytec® Bantam® High-Speed Rolling Doors	676.19	57.15
	08 33 23 13-0052	EA		Motor Operator For Rytec® Bantam® High-Speed Rolling Doors	2,897.55	114.31
				Note: Includes open/close/stop pushbutton, pneumatic reversing edge and coil cord.		
	08 33 23 13-0053	EA		Additional NEMA 4 Pushbutton Control For Rytec® Bantam® Motor Operator	357.79	57.15
				Note: Includes open/close/stop control.		
	08 33 23 13-0054	EA		Auto Close Feature For Rytec® Bantam® Motor Operator	348.43	57.15
08 33 23 13-0055				2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) <small>(08 33 23 13-0055)</small>		
				Note: Rytec® PredaDoor® PD5500. Door panel is 2-ply multi-filament Rilon. Includes full width vision panel. Side frames are fully bolted together, anodized aluminum construction with weather seal. Bottom bar releases in either direction when impacted, without damage to door. Drive system is a 3 phase, variable-speed AC Drive with brake and absolute encoder. Opens at 50" per second and closes at 21" per second.		
08 33 23 13-0056				2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) <small>(08 33 23 13-0055)</small>		
08 33 23 13-0057				6' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) <small>(08 33 23 13-0056)</small>		
	08 33 23 13-0058	EA		6' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	15,974.28	457.23
	08 33 23 13-0059	EA		6' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,231.65	476.66

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0060	EA		6' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,528.90	496.09
08 33 23 13-0061	EA		6' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,944.09	515.52
08 33 23 13-0062	EA		6' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,367.96	534.95
08 33 23 13-0063	EA		6' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,083.16	554.39
08 33 23 13-0064	EA		6' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,590.25	573.82
08 33 23 13-0065			7' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)		
08 33 23 13-0066	EA		7' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,288.88	476.66
08 33 23 13-0067	EA		7' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,617.35	496.09
08 33 23 13-0068	EA		7' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,030.80	515.52
08 33 23 13-0069	EA		7' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,468.54	534.95
08 33 23 13-0070	EA		7' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,046.74	554.39
08 33 23 13-0071	EA		7' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,744.60	573.82
08 33 23 13-0072	EA		7' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,295.06	593.25
08 33 23 13-0073			8' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)		
08 33 23 13-0074	EA		8' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	16,672.84	496.09
08 33 23 13-0075	EA		8' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,084.56	515.52
08 33 23 13-0076	EA		8' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,539.65	534.95
08 33 23 13-0077	EA		8' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,135.18	554.39
08 33 23 13-0078	EA		8' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,671.76	573.82
08 33 23 13-0079	EA		8' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,432.06	593.25
08 33 23 13-0080	EA		8' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,055.35	612.68
08 33 23 13-0081			9' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)		
08 33 23 13-0082	EA		9' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,141.79	515.52
08 33 23 13-0083	EA		9' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,593.41	534.95
08 33 23 13-0084	EA		9' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,188.95	554.39
08 33 23 13-0085	EA		9' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,742.86	573.82
08 33 23 13-0086	EA		9' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,324.54	593.25
08 33 23 13-0087	EA		9' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,928.75	612.68
08 33 23 13-0088	EA		9' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,591.92	632.11
08 33 23 13-0089			10' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)		
08 33 23 13-0090	EA		10' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	17,638.49	534.95
08 33 23 13-0091	EA		10' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,246.17	554.39
08 33 23 13-0092	EA		10' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,794.89	573.82
08 33 23 13-0093	EA		10' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,381.77	593.25
08 33 23 13-0094	EA		10' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,032.80	612.68
08 33 23 13-0095	EA		10' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,161.84	632.11
08 33 23 13-0096	EA		10' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,270.70	651.54
08 33 23 13-0097			11' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)		
08 33 23 13-0098	EA		11' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,279.12	554.39
08 33 23 13-0099	EA		11' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,841.71	573.82
08 33 23 13-0100	EA		11' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,435.53	593.25
08 33 23 13-0101	EA		11' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,088.30	612.68
08 33 23 13-0102	EA		11' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,515.62	632.11
08 33 23 13-0103	EA		11' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,364.35	651.54
08 33 23 13-0104	EA		11' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,058.76	670.97
08 33 23 13-0105			12' Wide, 2 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® PredaDoor®) (08 33 23 13-0056)		
08 33 23 13-0106	EA		12' x 6', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	18,857.32	573.82
08 33 23 13-0107	EA		12' x 7', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	19,466.74	593.25
08 33 23 13-0108	EA		12' x 8', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,131.65	612.68
08 33 23 13-0109	EA		12' x 9', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	20,574.58	632.11
08 33 23 13-0110	EA		12' x 10', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	21,157.98	651.54
08 33 23 13-0111	EA		12' x 11', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,138.53	670.97
08 33 23 13-0112	EA		12' x 12', 2 Ply Fabric Panel, High-Speed Rolling Door (Rytec® PredaDoor®)	22,819.05	690.40
08 33 23 13-0113			Rytec® PredaDoor® Door Options (08 33 23 13-0055)		
08 33 23 13-0114	EA		Up To 10' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	792.23	114.31
08 33 23 13-0115	EA		>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® PredaDoor® High-Speed Rolling Doors	1,165.08	114.31
08 33 23 13-0116	SF		Upgrade To 3-Ply Rilon Panel Material For Rytec® PredaDoor® High-Speed Rolling Doors	14.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0117	3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13)</small> Note: Rytec® Fast-Seal® FS1000. Door panel is heavy-duty 3-ply multi-filament Rilon. Independent opening and closing speeds up to 50" per second. Side frames are fully bolted together, reinforced with front and rear wind bar guides and full height vinyl weather seal on either side of the door panel. Counterbalance system consists of guided counterweights custom-sized to provide to provide proper balancing of each door system. The independent tension system maintains constant panel tensioning. The drive system is a 3 phase, variable speed AC drive motor with brake and absolute encoder. Bottom bar breaks away in either direction without damage to the bar, safety astragal, or side covers.	
08 33 23 13-0118	3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0117)</small>	
08 33 23 13-0119	8' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>	
08 33 23 13-0120	EA 8' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	24,182.48
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0121	EA 8' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	25,283.03
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0122	EA 8' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	26,241.38
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0123	EA 8' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,272.57
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0124	EA 8' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,442.49
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0125	EA 8' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,054.00
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0126	EA 8' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,012.34
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0127	EA 8' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,865.52
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0128	EA 8' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,227.69
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0129	EA 8' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,327.44
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0130	EA 8' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,691.10
	<i>For NEMA 4X Control Box, Add</i>	675.00
	<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00
	<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00
	<i>For 304 Stainless Steel Side Frame Tower, Add</i>	2,200.00
	<i>For 316 Stainless Steel Side Frame Tower, Add</i>	3,300.00
08 33 23 13-0131	9' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0132	EA	9' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	25,283.03	1,057.91
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0133	EA	9' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	26,241.38	1,087.05
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0134	EA	9' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	27,272.57	1,116.20
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0135	EA	9' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	28,442.49	1,145.34
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0136	EA	9' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	29,054.00	1,174.49
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0137	EA	9' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	30,012.34	1,203.65
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0138	EA	9' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	31,249.90	1,232.79
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0139	EA	9' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	32,227.68	1,267.04
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0140	EA	9' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	33,327.44	1,299.98
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0141	EA	9' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	34,691.10	1,333.79
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0142	EA	9' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	36,316.88	1,368.46
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		2,750.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,125.00	
08 33 23 13-0143		10' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)			
		<small>(08 33 23 13-0118)</small>			
08 33 23 13-0144	EA	10' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	26,241.38	1,087.05
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,950.00	
08 33 23 13-0145	EA	10' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)	.....	27,272.57	1,116.20
		<i>For NEMA 4X Control Box, Add</i>		675.00	
		<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>		1,100.00	
		<i>For AC Variable Speed Motor And Controls, Add</i>		2,750.00	
		<i>For 304 Stainless Steel Side Frame Tower, Add</i>		3,300.00	
		<i>For 316 Stainless Steel Side Frame Tower, Add</i>		4,950.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0146 EA 10' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,442.49	1,145.34
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0147 EA 10' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,054.00	1,174.49
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0148 EA 10' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,012.34	1,203.65
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0149 EA 10' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	31,249.90	1,232.79
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0150 EA 10' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,418.09	1,261.94
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0151 EA 10' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,326.17	1,299.35
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0152 EA 10' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,689.80	1,333.14
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0153 EA 10' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,315.55	1,367.80
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0154 EA 10' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,684.62	1,403.36
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,300.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	4,950.00	
08 33 23 13-0155 11' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0156 EA 11' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	27,272.57	1,116.20
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0157 EA 11' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	28,442.49	1,145.34
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0158 EA 11' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	29,054.00	1,174.49
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	
08 33 23 13-0159 EA 11' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	30,012.34	1,203.65
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	3,850.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	5,775.00	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0160	EA	11' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	31,249.90 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,232.79
08 33 23	13-0161	EA	11' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,418.09 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,261.94
08 33 23	13-0162	EA	11' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,725.01 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,291.08
08 33 23	13-0163	EA	11' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	34,686.68 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,331.58
08 33 23	13-0164	EA	11' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,312.35 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,366.20
08 33 23	13-0165	EA	11' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,681.33 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,401.72
08 33 23	13-0166	EA	11' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,308.77 675.00 1,100.00 2,750.00 3,850.00 5,775.00	1,438.16
08 33 23	13-0167		12' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23	13-0168	EA	12' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	28,442.49 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,145.34
08 33 23	13-0169	EA	12' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	29,054.00 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,174.49
08 33 23	13-0170	EA	12' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	30,012.34 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,203.65
08 33 23	13-0171	EA	12' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	31,249.90 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,232.79
08 33 23	13-0172	EA	12' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,418.09 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,261.94
08 33 23	13-0173	EA	12' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,725.01 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,291.08

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0174	EA		12' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	34,662.55 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,320.23
08 33 23	13-0175	EA		12' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,307.56 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,363.80
08 33 23	13-0176	EA		12' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,676.41 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,399.26
08 33 23	13-0177	EA		12' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,303.72 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,435.65
08 33 23	13-0178	EA		12' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	40,932.91 675.00 1,100.00 2,750.00 4,400.00 6,600.00	1,472.97
08 33 23 13-0179 13' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>						
08 33 23	13-0180	EA		13' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	29,768.49 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,174.49
08 33 23	13-0181	EA		13' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	30,995.63 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,203.65
08 33 23	13-0182	EA		13' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,158.62 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,232.79
08 33 23	13-0183	EA		13' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,510.64 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,261.94
08 33 23	13-0184	EA		13' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	34,857.44 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,291.08
08 33 23	13-0185	EA		13' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	35,855.68 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,320.23
08 33 23	13-0186	EA		13' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,612.85 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,349.39
08 33 23	13-0187	EA		13' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,776.90 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,396.12

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0188	EA	13' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,405.92 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,432.42
08 33 23	13-0189	EA	13' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	41,042.43 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,469.67
08 33 23	13-0190	EA	13' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	42,482.35 675.00 1,100.00 2,750.00 4,950.00 6,975.00	1,507.88
08 33 23 13-0191 14' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®)					
08 33 23	13-0192	EA	14' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	30,995.63 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,203.65
08 33 23	13-0193	EA	14' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	32,158.62 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,232.79
08 33 23	13-0194	EA	14' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	33,510.64 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,261.94
08 33 23	13-0195	EA	14' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	34,857.44 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,291.08
08 33 23	13-0196	EA	14' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	35,855.68 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,320.23
08 33 23	13-0197	EA	14' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,612.85 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,349.39
08 33 23	13-0198	EA	14' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,741.16 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,378.53
08 33 23	13-0199	EA	14' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,397.83 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,428.38
08 33 23	13-0200	EA	14' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	41,034.12 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,465.52
08 33 23	13-0201	EA	14' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	42,473.84 675.00 1,100.00 2,750.00 5,480.00 7,370.00	1,503.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0202 EA 14' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	45,618.02	1,542.71
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	5,480.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,370.00	
08 33 23 13-0203 15' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0204 EA 15' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	32,100.88	1,203.65
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0205 EA 15' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,453.38	1,232.79
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0206 EA 15' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,800.26	1,261.94
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0207 EA 15' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	35,798.77	1,291.08
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0208 EA 15' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,555.67	1,320.23
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0209 EA 15' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	37,683.41	1,349.39
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0210 EA 15' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	39,361.54	1,410.24
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0211 EA 15' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	41,025.56	1,461.23
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0212 EA 15' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	42,465.04	1,499.22
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0213 EA 15' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	45,609.00	1,538.20
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0214 EA 15' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	47,818.52	1,578.20
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
08 33 23 13-0215 16' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0216 EA 16' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	33,507.10	1,259.64
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0217 EA 16' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	34,856.68	1,290.15
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0218 EA 16' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	35,857.91	1,320.65
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	
08 33 23 13-0219 EA 16' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	36,617.52	1,351.16
<i>For NEMA 4X Control Box, Add</i>	675.00	
<i>For 2 Speed Motor, 60" Open, 30" Close, Add</i>	1,100.00	
<i>For AC Variable Speed Motor And Controls, Add</i>	2,750.00	
<i>For 304 Stainless Steel Side Frame Tower, Add</i>	6,070.00	
<i>For 316 Stainless Steel Side Frame Tower, Add</i>	7,790.00	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0220	EA	16' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,747.98 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,381.66
08 33 23	13-0221	EA	16' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,365.41 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,412.17
08 33 23	13-0222	EA	16' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	40,988.45 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,442.67
08 33 23	13-0223	EA	16' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	42,456.27 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,494.83
08 33 23	13-0224	EA	16' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	45,600.00 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,533.71
08 33 23	13-0225	EA	16' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	47,809.29 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,573.57
08 33 23	13-0226	EA	16' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	50,031.89 675.00 1,100.00 2,750.00 6,070.00 7,790.00	1,614.49
08 33 23	13-0227		17' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23	13-0228	EA	17' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	34,730.00 675.00 1,100.00 2,750.00	1,288.62
08 33 23	13-0229	EA	17' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	35,856.24 675.00 1,100.00 2,750.00	1,319.83
08 33 23	13-0230	EA	17' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	37,220.34 675.00 1,100.00 2,750.00	1,351.03
08 33 23	13-0231	EA	17' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	38,719.31 675.00 1,100.00 2,750.00	1,382.24
08 33 23	13-0232	EA	17' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	40,094.65 675.00 1,100.00 2,750.00	1,413.44
08 33 23	13-0233	EA	17' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	42,142.37 675.00 1,100.00 2,750.00	1,444.65
08 33 23	13-0234	EA	17' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	44,115.18 675.00 1,100.00 2,750.00	1,475.86
08 33 23	13-0235	EA	17' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	45,591.03 675.00 1,100.00 2,750.00	1,529.22
08 33 23	13-0236	EA	17' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	47,800.09 675.00 1,100.00 2,750.00	1,568.97
08 33 23	13-0237	EA	17' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	50,022.46 675.00 1,100.00 2,750.00	1,609.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0238 EA 17' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	52,177.63 675.00 1,100.00 2,750.00	1,651.63
08 33 23 13-0239 18' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0240 EA 18' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	36,216.46 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,318.26
08 33 23 13-0241 EA 18' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	37,705.61 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,350.18
08 33 23 13-0242 EA 18' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	39,327.74 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,382.11
08 33 23 13-0243 EA 18' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	40,944.26 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,414.03
08 33 23 13-0244 EA 18' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	42,630.07 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,445.96
08 33 23 13-0245 EA 18' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	45,027.61 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,477.87
08 33 23 13-0246 EA 18' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	47,492.57 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,509.80
08 33 23 13-0247 EA 18' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	48,699.28 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,564.39
08 33 23 13-0248 EA 18' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	50,013.04 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,605.07
08 33 23 13-0249 EA 18' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	52,106.16 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,646.80
08 33 23 13-0250 EA 18' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i> <i>For 304 Stainless Steel Side Frame Tower, Add</i> <i>For 316 Stainless Steel Side Frame Tower, Add</i>	54,267.01 675.00 1,100.00 2,750.00 6,720.00 8,230.00	1,689.61
08 33 23 13-0251 19' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23 13-0252 EA 19' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	37,702.40 675.00 1,100.00 2,750.00	1,348.58
08 33 23 13-0253 EA 19' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	39,326.01 675.00 1,100.00 2,750.00	1,381.23

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0254	EA	19' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	40,943.99 675.00 1,100.00 2,750.00	1,413.89
08 33 23	13-0255	EA	19' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	42,631.27 675.00 1,100.00 2,750.00	1,446.55
08 33 23	13-0256	EA	19' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	45,030.28 675.00 1,100.00 2,750.00	1,479.21
08 33 23	13-0257	EA	19' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	47,496.70 675.00 1,100.00 2,750.00	1,511.87
08 33 23	13-0258	EA	19' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	48,659.56 675.00 1,100.00 2,750.00	1,544.52
08 33 23	13-0259	EA	19' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	50,003.65 675.00 1,100.00 2,750.00	1,600.37
08 33 23	13-0260	EA	19' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	52,096.53 675.00 1,100.00 2,750.00	1,641.98
08 33 23	13-0261	EA	19' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	54,257.13 675.00 1,100.00 2,750.00	1,684.67
08 33 23	13-0262	EA	19' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	56,419.95 675.00 1,100.00 2,750.00	1,728.48
08 33 23	13-0263		20' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) (08 33 23 13-0118)		
08 33 23	13-0264	EA	20' x 8', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	39,322.73 675.00 1,100.00 2,750.00	1,379.59
08 33 23	13-0265	EA	20' x 9', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	40,942.22 675.00 1,100.00 2,750.00	1,413.00
08 33 23	13-0266	EA	20' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	42,630.99 675.00 1,100.00 2,750.00	1,446.41
08 33 23	13-0267	EA	20' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	45,031.50 675.00 1,100.00 2,750.00	1,479.82
08 33 23	13-0268	EA	20' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	47,499.43 675.00 1,100.00 2,750.00	1,513.23
08 33 23	13-0269	EA	20' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	48,663.79 675.00 1,100.00 2,750.00	1,546.64
08 33 23	13-0270	EA	20' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	49,963.01 675.00 1,100.00 2,750.00	1,580.05
08 33 23	13-0271	EA	20' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	52,086.92 675.00 1,100.00 2,750.00	1,637.18
08 33 23	13-0272	EA	20' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	54,247.28 675.00 1,100.00 2,750.00	1,679.75
08 33 23	13-0273	EA	20' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	56,409.84 675.00 1,100.00 2,750.00	1,723.42
08 33 23	13-0274	EA	20' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	58,312.47 675.00 1,100.00 2,750.00	1,768.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0275 21' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0276 EA 21' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	49,217.24	1,479.68
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0277 EA 21' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	51,619.27	1,513.85
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0278 EA 21' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	54,086.86	1,548.03
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0279 EA 21' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	55,256.51	1,582.21
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0280 EA 21' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	56,555.38	1,616.39
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0281 EA 21' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	58,681.95	1,674.84
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0282 EA 21' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	60,844.25	1,718.38
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0283 EA 21' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	63,008.83	1,763.06
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0284 EA 21' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	64,913.51	1,808.90
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0285 22' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0286 EA 22' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	51,098.31	1,513.71
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0287 EA 22' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	53,503.79	1,548.68
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0288 EA 22' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	55,971.08	1,583.64
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0289 EA 22' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	57,140.42	1,618.60
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0290 EA 22' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	58,444.62	1,653.56
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0291 EA 22' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	60,573.87	1,713.35
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0292 EA 22' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	62,738.18	1,757.90
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0293 EA 22' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	64,902.93	1,803.61
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0294 EA 22' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®).....	66,811.60	1,850.50
For NEMA 4X Control Box, Add	675.00	
For 2 Speed Motor, 60" Open, 30" Close, Add	1,100.00	
For AC Variable Speed Motor And Controls, Add	2,750.00	
08 33 23 13-0295 23' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0296	EA		23' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	52,982.82 675.00 1,100.00 2,750.00	1,548.53
08 33 23 13-0297	EA		23' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	55,388.04 675.00 1,100.00 2,750.00	1,584.30
08 33 23 13-0298	EA		23' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	57,858.81 675.00 1,100.00 2,750.00	1,620.06
08 33 23 13-0299	EA		23' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	59,029.75 675.00 1,100.00 2,750.00	1,655.83
08 33 23 13-0300	EA		23' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	60,333.70 675.00 1,100.00 2,750.00	1,691.60
08 33 23 13-0301	EA		23' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	62,467.56 675.00 1,100.00 2,750.00	1,752.76
08 33 23 13-0302	EA		23' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	64,632.05 675.00 1,100.00 2,750.00	1,798.34
08 33 23 13-0303	EA		23' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	66,800.78 675.00 1,100.00 2,750.00	1,845.09
08 33 23 13-0304	EA		23' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	68,711.61 675.00 1,100.00 2,750.00	1,893.06
08 33 23 13-0305			24' Wide, 3 Ply Fabric Panel, High-Speed Rolling Doors (Rytec® Fast-Seal®) <small>(08 33 23 13-0118)</small>		
08 33 23 13-0306	EA		24' x 10', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	54,867.05 675.00 1,100.00 2,750.00	1,584.15
08 33 23 13-0307	EA		24' x 11', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	57,273.92 675.00 1,100.00 2,750.00	1,620.73
08 33 23 13-0308	EA		24' x 12', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	59,748.20 675.00 1,100.00 2,750.00	1,657.33
08 33 23 13-0309	EA		24' x 13', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	60,920.81 675.00 1,100.00 2,750.00	1,693.91
08 33 23 13-0310	EA		24' x 14', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	62,224.51 675.00 1,100.00 2,750.00	1,730.50
08 33 23 13-0311	EA		24' x 15', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	64,359.32 675.00 1,100.00 2,750.00	1,793.08
08 33 23 13-0312	EA		24' x 16', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	66,527.78 675.00 1,100.00 2,750.00	1,839.69
08 33 23 13-0313	EA		24' x 17', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	68,700.53 675.00 1,100.00 2,750.00	1,887.53
08 33 23 13-0314	EA		24' x 18', 3 Ply Fabric Panel, High-Speed Rolling Door (Rytec® Fast-Seal®)..... <i>For NEMA 4X Control Box, Add</i> <i>For 2 Speed Motor, 60" Open, 30" Close, Add</i> <i>For AC Variable Speed Motor And Controls, Add</i>	70,609.82 675.00 1,100.00 2,750.00	1,936.61
08 33 23 13-0315			Rytec® Fast-Seal® Door Options <small>(08 33 23 13-0117)</small>		
08 33 23 13-0316	LF		Strapped Windbar For Rytec® Fast-Seal® High-Speed Rolling Doors Note: Multiply linear foot price x width of door.	52.03	
08 33 23 13-0317	EA		Up To 10' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	563.62	
08 33 23 13-0318	EA		>10' To 15' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	936.47	
08 33 23 13-0319	EA		>15' To 20' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	1,377.16	
08 33 23 13-0320	EA		>20' To 24' Wide Doors, Roll And Motor Hood For Rytec® Fast-Seal® High-Speed Rolling Doors	2,060.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0321 EA One 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	329.50	
08 33 23 13-0322 EA Two 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	650.33	
08 33 23 13-0323 EA Three 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	823.75	
08 33 23 13-0324 EA Four 17" x 17", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	1,300.65	
08 33 23 13-0325 EA One 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Window With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	381.52	
08 33 23 13-0326 EA Two 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	754.38	
08 33 23 13-0327 EA Three 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	936.47	
08 33 23 13-0328 EA Four 24" x 24", 2mm Thick, Replaceable Polyvinyl Chloride (PVC) Windows With Velcro For Rytec® Fast-Seal® High-Speed Rolling Doors	1,508.76	
08 33 23 13-0329 EA Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 8' Or 10'	735.32	
<i>For 304 Stainless Steel, Add</i>	117.65	
<i>For 316 Stainless Steel, Add</i>	514.72	
08 33 23 13-0330 EA Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 12' Or 14'	955.92	
<i>For 304 Stainless Steel, Add</i>	152.95	
<i>For 316 Stainless Steel, Add</i>	669.14	
08 33 23 13-0331 EA Sloped Roll And Motor Cover For Interior Or Exterior Door Widths Of 16' Or 18'	1,250.05	
<i>For 304 Stainless Steel, Add</i>	200.01	
<i>For 316 Stainless Steel, Add</i>	875.04	
08 33 23 13-0332 EA Through Wall Brake Release	193.82	
08 33 23 13-0333 EA Explosion Proof Upgrade Package: Control Box (including internal components), Motor, Rotary Limit Switch, Photo-eyes, Safety Bar, Push Buttons	21,103.83	
<i>For NEMA 12 Control Box Mounted Outside Explosion Proof Area, Deduct</i>	-6,200.00	
08 33 23 13-0334 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13)</small>		
Note: Rytec® Powerhouse™. Door panel is styrene butadiene rubber (SBR) panel 1/4" thick, made of two 1/8" thick layers, 60 durometer; sandwiched with 1-ply, 110 lbs polyester cord center. Panel includes bonded SBR beveled segmented windlocks to allow the door panel to effectively release from the side frame in case of accidental impact. Vertical orange stripes for visual safety awareness. Side frames are structural columns consisting of 5 x 2 x 1/4" structural steel tubing, welded to a reinforced 0.22" thick steel 'Z' mounting bracket and 0.18" thick steel hinged cover. Drive system is a 480 volt, 3-phase variable speed AC Drive motor with brake and absolute encoder. Opens at up to 60" per second and closes at 21" per second.		
08 33 23 13-0335 High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0334)</small>		
08 33 23 13-0336 8' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0337 EA 8' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,024.56	1,028.75
08 33 23 13-0338 EA 8' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,303.85	1,057.91
08 33 23 13-0339 EA 8' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,802.29	1,087.05
08 33 23 13-0340 EA 8' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,300.73	1,116.20
08 33 23 13-0341 EA 8' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,801.04	1,145.34
08 33 23 13-0342 EA 8' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,299.48	1,174.49
08 33 23 13-0343 EA 8' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,576.90	1,203.65
08 33 23 13-0344 EA 8' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,081.51	1,234.94
08 33 23 13-0345 EA 8' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,026.01	1,267.04
08 33 23 13-0346 EA 8' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,312.91	1,299.99
08 33 23 13-0347 EA 8' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,041.64	1,333.79
08 33 23 13-0348 9' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0349 EA 9' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,303.85	1,057.91
08 33 23 13-0350 EA 9' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	32,581.29	1,087.05
08 33 23 13-0351 EA 9' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,081.60	1,116.20
08 33 23 13-0352 EA 9' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,801.04	1,145.34
08 33 23 13-0353 EA 9' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,078.47	1,174.49
08 33 23 13-0354 EA 9' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,576.90	1,203.65
08 33 23 13-0355 EA 9' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,077.22	1,232.79
08 33 23 13-0356 EA 9' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,585.87	1,267.04
08 33 23 13-0357 EA 9' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,753.05	1,299.99
08 33 23 13-0358 EA 9' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,923.80	1,333.79
08 33 23 13-0359 EA 9' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,094.45	1,368.47
08 33 23 13-0360 10' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0361 EA 10' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,903.58	1,087.05

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0362	EA	10' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,182.89	1,116.20
08 33 23	13-0363	EA	10' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,681.32	1,145.34
08 33 23	13-0364	EA	10' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,400.77	1,174.49
08 33 23	13-0365	EA	10' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,899.20	1,203.65
08 33 23	13-0366	EA	10' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,399.51	1,232.79
08 33 23	13-0367	EA	10' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,897.95	1,261.94
08 33 23	13-0368	EA	10' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,633.93	1,299.35
08 33 23	13-0369	EA	10' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,581.77	1,333.14
08 33 23	13-0370	EA	10' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,973.39	1,367.80
08 33 23	13-0371	EA	10' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,147.69	1,403.36
08 33 23	13-0372		11' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0373	EA	11' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	33,961.88	1,116.20
08 33 23	13-0374	EA	11' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,460.31	1,145.34
08 33 23	13-0375	EA	11' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,960.63	1,174.49
08 33 23	13-0376	EA	11' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,680.06	1,203.65
08 33 23	13-0377	EA	11' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,178.51	1,232.79
08 33 23	13-0378	EA	11' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,676.95	1,261.94
08 33 23	13-0379	EA	11' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,838.40	1,291.08
08 33 23	13-0380	EA	11' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,239.80	1,331.58
08 33 23	13-0381	EA	11' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,631.36	1,366.20
08 33 23	13-0382	EA	11' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,024.69	1,401.72
08 33 23	13-0383	EA	11' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,198.86	1,438.16
08 33 23	13-0384		12' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0385	EA	12' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,241.18	1,145.34
08 33 23	13-0386	EA	12' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,739.62	1,174.49
08 33 23	13-0387	EA	12' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,238.05	1,203.65
08 33 23	13-0388	EA	12' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,957.50	1,232.79
08 33 23	13-0389	EA	12' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,676.95	1,261.94
08 33 23	13-0390	EA	12' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,057.53	1,291.08
08 33 23	13-0391	EA	12' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,438.13	1,320.23
08 33 23	13-0392	EA	12' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,847.56	1,363.80
08 33 23	13-0393	EA	12' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,459.90	1,399.26
08 33 23	13-0394	EA	12' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,854.96	1,435.64
08 33 23	13-0395	EA	12' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,251.91	1,472.97
08 33 23	13-0396		13' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0397	EA	13' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	34,739.62	1,174.49
08 33 23	13-0398	EA	13' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,018.92	1,203.65
08 33 23	13-0399	EA	13' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,517.36	1,232.79
08 33 23	13-0400	EA	13' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,457.81	1,261.94
08 33 23	13-0401	EA	13' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,057.53	1,291.08
08 33 23	13-0402	EA	13' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,659.14	1,320.23
08 33 23	13-0403	EA	13' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,039.72	1,349.39
08 33 23	13-0404	EA	13' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,674.64	1,396.12
08 33 23	13-0405	EA	13' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,290.54	1,432.42
08 33 23	13-0406	EA	13' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,906.45	1,469.67
08 33 23	13-0407	EA	13' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,305.17	1,507.88
08 33 23	13-0408		14' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0409	EA	14' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,018.92	1,203.65
08 33 23	13-0410	EA	14' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	35,296.35	1,232.79
08 33 23	13-0411	EA	14' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,015.80	1,261.94
08 33 23	13-0412	EA	14' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,396.38	1,291.08
08 33 23	13-0413	EA	14' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,438.13	1,320.23
08 33 23	13-0414	EA	14' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,039.72	1,349.39
08 33 23	13-0415	EA	14' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,860.46	1,378.53
08 33 23	13-0416	EA	14' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,501.57	1,428.38
08 33 23	13-0417	EA	14' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,119.15	1,465.52
08 33 23	13-0418	EA	14' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,736.79	1,503.61
08 33 23	13-0419	EA	14' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,579.28	1,542.71
08 33 23	13-0420		15' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23	13-0421	EA	15' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,396.58	1,231.32
08 33 23	13-0422	EA	15' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,896.36	1,261.15
08 33 23	13-0423	EA	15' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,617.14	1,290.96
08 33 23	13-0424	EA	15' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,557.07	1,320.78
08 33 23	13-0425	EA	15' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,821.15	1,350.60
08 33 23	13-0426	EA	15' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,643.22	1,380.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0427 EA 15' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,465.31	1,410.24
08 33 23 13-0428 EA 15' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,110.59	1,461.23
08 33 23 13-0429 EA 15' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,949.01	1,499.21
08 33 23 13-0430 EA 15' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,789.39	1,538.21
08 33 23 13-0431 EA 15' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,631.83	1,578.19
08 33 23 13-0432 16' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0433 EA 16' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	36,672.37	1,259.65
08 33 23 13-0434 EA 16' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,394.51	1,290.15
08 33 23 13-0435 EA 16' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,116.68	1,320.65
08 33 23 13-0436 EA 16' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,940.12	1,351.16
08 33 23 13-0437 EA 16' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,424.71	1,381.66
08 33 23 13-0438 EA 16' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,250.02	1,412.17
08 33 23 13-0439 EA 16' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,073.48	1,442.66
08 33 23 13-0440 EA 16' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,940.24	1,494.83
08 33 23 13-0441 EA 16' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,780.40	1,533.70
08 33 23 13-0442 EA 16' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,622.59	1,573.58
08 33 23 13-0443 EA 16' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,687.87	1,614.49
08 33 23 13-0444 17' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0445 EA 17' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,172.31	1,288.62
08 33 23 13-0446 EA 17' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,674.86	1,319.82
08 33 23 13-0447 EA 17' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,499.71	1,351.03
08 33 23 13-0448 EA 17' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	41,324.56	1,382.24
08 33 23 13-0449 EA 17' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,810.55	1,413.44
08 33 23 13-0450 EA 17' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,856.41	1,444.65
08 33 23 13-0451 EA 17' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,681.27	1,475.85
08 33 23 13-0452 EA 17' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,771.44	1,529.22
08 33 23 13-0453 EA 17' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,613.39	1,568.97
08 33 23 13-0454 EA 17' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,678.44	1,609.77
08 33 23 13-0455 EA 17' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,745.58	1,651.63
08 33 23 13-0456 18' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0457 EA 18' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	37,671.73	1,318.26
08 33 23 13-0458 EA 18' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,175.72	1,350.18
08 33 23 13-0459 EA 18' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,663.15	1,382.11
08 33 23 13-0460 EA 18' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,710.44	1,414.02
08 33 23 13-0461 EA 18' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,197.89	1,445.95
08 33 23 13-0462 EA 18' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	47,245.17	1,477.87
08 33 23 13-0463 EA 18' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,513.47	1,509.80
08 33 23 13-0464 EA 18' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,604.22	1,544.39
08 33 23 13-0465 EA 18' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,669.01	1,605.07
08 33 23 13-0466 EA 18' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,735.92	1,646.80
08 33 23 13-0467 EA 18' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,805.00	1,689.61
08 33 23 13-0468 19' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0469 EA 19' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	38,612.65	1,348.57
08 33 23 13-0470 EA 19' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,339.12	1,381.24
08 33 23 13-0471 EA 19' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,049.02	1,413.90
08 33 23 13-0472 EA 19' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,097.79	1,446.55
08 33 23 13-0473 EA 19' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,807.69	1,479.21
08 33 23 13-0474 EA 19' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,856.46	1,511.87
08 33 23 13-0475 EA 19' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,124.35	1,544.53
08 33 23 13-0476 EA 19' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,219.48	1,600.37
08 33 23 13-0477 EA 19' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,509.29	1,641.98
08 33 23 13-0478 EA 19' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,574.11	1,684.67
08 33 23 13-0479 EA 19' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,866.16	1,728.48
08 33 23 13-0480 20' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0481 EA 20' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	39,996.99	1,379.59
08 33 23 13-0482 EA 20' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,724.96	1,413.00
08 33 23 13-0483 EA 20' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,215.35	1,446.42
08 33 23 13-0484 EA 20' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,486.63	1,479.81
08 33 23 13-0485 EA 20' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,198.03	1,513.23
08 33 23 13-0486 EA 20' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,467.43	1,546.64
08 33 23 13-0487 EA 20' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,738.70	1,580.05
08 33 23 13-0488 EA 20' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,055.54	1,637.18
08 33 23 13-0489 EA 20' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,345.12	1,679.75
08 33 23 13-0490 EA 20' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,635.05	1,723.41
08 33 23 13-0491 EA 20' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,927.25	1,768.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 33 23 13-0492			21' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0493	EA		21' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,281.46	1,411.32
08 33 23 13-0494	EA		21' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,333.26	1,445.50
08 33 23 13-0495	EA		21' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,385.05	1,479.68
08 33 23 13-0496	EA		21' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,876.99	1,513.85
08 33 23 13-0497	EA		21' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,589.93	1,548.03
08 33 23 13-0498	EA		21' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,081.88	1,582.21
08 33 23 13-0499	EA		21' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	54,352.80	1,616.39
08 33 23 13-0500	EA		21' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,893.29	1,674.84
08 33 23 13-0501	EA		21' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,184.83	1,718.39
08 33 23 13-0502	EA		21' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,476.76	1,763.06
08 33 23 13-0503	EA		21' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,992.02	1,808.89
08 33 23 13-0504			22' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0505	EA		22' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	40,786.52	1,443.79
08 33 23 13-0506	EA		22' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,618.87	1,478.76
08 33 23 13-0507	EA		22' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	45,775.41	1,513.71
08 33 23 13-0508	EA		22' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,268.92	1,548.68
08 33 23 13-0509	EA		22' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	51,202.58	1,583.64
08 33 23 13-0510	EA		22' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,696.09	1,618.61
08 33 23 13-0511	EA		22' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,970.47	1,653.56
08 33 23 13-0512	EA		22' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	58,513.63	1,713.35
08 33 23 13-0513	EA		22' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	61,026.31	1,757.90
08 33 23 13-0514	EA		22' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	63,541.30	1,803.61
08 33 23 13-0515	EA		22' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	66,058.67	1,850.50
08 33 23 13-0516			23' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0517	EA		23' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	42,396.24	1,476.99
08 33 23 13-0518	EA		23' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,009.20	1,512.76
08 33 23 13-0519	EA		23' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	46,946.33	1,548.53
08 33 23 13-0520	EA		23' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	49,662.45	1,584.30
08 33 23 13-0521	EA		23' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	52,597.72	1,620.06
08 33 23 13-0522	EA		23' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	55,092.84	1,655.83
08 33 23 13-0523	EA		23' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	57,808.97	1,691.60
08 33 23 13-0524	EA		23' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	60,354.88	1,752.77
08 33 23 13-0525	EA		23' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,869.61	1,798.33
08 33 23 13-0526	EA		23' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	65,607.71	1,845.09
08 33 23 13-0527	EA		23' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	68,127.25	1,893.06
08 33 23 13-0528			24' Wide, High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™) <small>(08 33 23 13-0335)</small>		
08 33 23 13-0529	EA		24' x 8', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	43,786.48	1,510.96
08 33 23 13-0530	EA		24' x 9', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	44,960.95	1,547.55
08 33 23 13-0531	EA		24' x 10', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	48,339.86	1,584.15
08 33 23 13-0532	EA		24' x 11', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	50,836.62	1,620.73
08 33 23 13-0533	EA		24' x 12', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	53,994.53	1,657.32
08 33 23 13-0534	EA		24' x 13', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	56,712.31	1,693.91
08 33 23 13-0535	EA		24' x 14', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	59,428.21	1,730.50
08 33 23 13-0536	EA		24' x 15', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	62,197.94	1,793.07
08 33 23 13-0537	EA		24' x 16', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	64,714.78	1,839.69
08 33 23 13-0538	EA		24' x 17', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	67,455.03	1,887.53
08 33 23 13-0539	EA		24' x 18', High Performance Rubber, High-Speed Rolling Door (Rytec® Powerhouse™)	70,197.77	1,936.61
08 33 23 13-0540			Rytec® Powerhouse™ Door Options <small>(08 33 23 13-0334)</small>		
08 33 23 13-0541	EA		Up To 8' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,865.60	
08 33 23 13-0542	EA		9' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,921.79	
08 33 23 13-0543	EA		10' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	2,977.98	
08 33 23 13-0544	EA		11' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,034.16	
08 33 23 13-0545	EA		12' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,090.35	
08 33 23 13-0546	EA		13' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,146.54	
08 33 23 13-0547	EA		14' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,202.73	
08 33 23 13-0548	EA		15' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,258.92	
08 33 23 13-0549	EA		16' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,315.10	
08 33 23 13-0550	EA		17' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,371.29	
08 33 23 13-0551	EA		18' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,427.48	
08 33 23 13-0552	EA		19' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,483.67	
08 33 23 13-0553	EA		20' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,539.86	
08 33 23 13-0554	EA		21' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,596.05	
08 33 23 13-0555	EA		22' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,652.23	
08 33 23 13-0556	EA		23' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,708.42	
08 33 23 13-0557	EA		24' Wide Doors, Sloped Roll And Motor Hood For Rytec® Powerhouse™ High-Speed Rolling Doors	3,764.61	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 33 23 13-0617	EA	12' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,277.33		1,663.16
08 33 23 13-0618	EA	12' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,273.95		1,696.41
08 33 23 13-0619	EA	12' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,270.78		1,730.34
08 33 23 13-0620	EA	12' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,268.98		1,764.95
08 33 23 13-0621	EA	12' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,270.43		1,800.25
08 33 23 13-0622 13' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0623	EA	13' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	39,420.15		1,517.42
08 33 23 13-0624	EA	13' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	40,416.65		1,546.56
08 33 23 13-0625	EA	13' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	41,413.16		1,575.71
08 33 23 13-0626	EA	13' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,409.66		1,604.85
08 33 23 13-0627	EA	13' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,406.16		1,634.00
08 33 23 13-0628	EA	13' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,402.66		1,663.16
08 33 23 13-0629	EA	13' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,273.83		1,692.30
08 33 23 13-0630	EA	13' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,271.75		1,726.15
08 33 23 13-0631	EA	13' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,269.77		1,760.66
08 33 23 13-0632	EA	13' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,269.19		1,795.88
08 33 23 13-0633	EA	13' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,270.00		1,831.80
08 33 23 13-0634 14' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0635	EA	14' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	42,291.32		1,546.56
08 33 23 13-0636	EA	14' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,287.84		1,575.71
08 33 23 13-0637	EA	14' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,284.33		1,604.85
08 33 23 13-0638	EA	14' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,279.10		1,634.00
08 33 23 13-0639	EA	14' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,277.33		1,663.16
08 33 23 13-0640	EA	14' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,273.83		1,692.30
08 33 23 13-0641	EA	14' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,261.67		1,721.45
08 33 23 13-0642	EA	14' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,260.19		1,755.88
08 33 23 13-0643	EA	14' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,259.40		1,790.99
08 33 23 13-0644	EA	14' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,260.03		1,826.82
08 33 23 13-0645	EA	14' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,262.09		1,863.34
08 33 23 13-0646 15' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0647	EA	15' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	43,282.73		1,577.49
08 33 23 13-0648	EA	15' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,282.40		1,607.22
08 33 23 13-0649	EA	15' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,278.33		1,636.95
08 33 23 13-0650	EA	15' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,276.15		1,666.68
08 33 23 13-0651	EA	15' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,273.95		1,696.41
08 33 23 13-0652	EA	15' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,271.75		1,726.15
08 33 23 13-0653	EA	15' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,260.19		1,755.88
08 33 23 13-0654	EA	15' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,259.40		1,790.99
08 33 23 13-0655	EA	15' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,260.03		1,826.82
08 33 23 13-0656	EA	15' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,262.09		1,863.34
08 33 23 13-0657	EA	15' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,265.59		1,900.62
08 33 23 13-0658 16' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0659	EA	16' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	44,274.80		1,609.04
08 33 23 13-0660	EA	16' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,275.67		1,639.37
08 33 23 13-0661	EA	16' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,272.79		1,669.69
08 33 23 13-0662	EA	16' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,271.78		1,700.01
08 33 23 13-0663	EA	16' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,270.78		1,730.34
08 33 23 13-0664	EA	16' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,269.77		1,760.66
08 33 23 13-0665	EA	16' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,259.40		1,790.99
08 33 23 13-0666	EA	16' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,260.03		1,826.82
08 33 23 13-0667	EA	16' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,262.09		1,863.34
08 33 23 13-0668	EA	16' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,265.59		1,900.62
08 33 23 13-0669	EA	16' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,272.47		1,938.63
08 33 23 13-0670 17' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) (08 33 23 13-0561)					
08 33 23 13-0671	EA	17' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	45,268.15		1,641.22
08 33 23 13-0672	EA	17' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	46,270.22		1,672.16
08 33 23 13-0673	EA	17' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	47,268.56		1,703.10
08 33 23 13-0674	EA	17' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	48,268.76		1,734.02
08 33 23 13-0675	EA	17' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	49,268.98		1,764.95
08 33 23 13-0676	EA	17' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	50,269.19		1,795.88
08 33 23 13-0677	EA	17' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	51,260.03		1,826.82
08 33 23 13-0678	EA	17' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	52,262.09		1,863.34
08 33 23 13-0679	EA	17' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	53,265.59		1,900.62
08 33 23 13-0680	EA	17' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	54,272.47		1,938.63
08 33 23 13-0681	EA	17' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®)	55,278.98		1,977.40

	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0682			18' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0561)</small>		
08 33 23 13-0683	EA		18' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	46,470.67	1,674.05
08 33 23 13-0684	EA		18' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,472.11	1,705.59
08 33 23 13-0685	EA		18' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,473.56	1,737.14
08 33 23 13-0686	EA		18' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,473.12	1,768.71
08 33 23 13-0687	EA		18' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,476.45	1,800.25
08 33 23 13-0688	EA		18' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,476.02	1,831.80
08 33 23 13-0689	EA		18' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,469.98	1,863.34
08 33 23 13-0690	EA		18' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,473.49	1,900.62
08 33 23 13-0691	EA		18' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,478.49	1,938.63
08 33 23 13-0692	EA		18' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	55,485.01	1,977.40
08 33 23 13-0693	EA		18' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	56,493.09	2,016.96
08 33 23 13-0694			19' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0561)</small>		
08 33 23 13-0695	EA		19' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	47,775.64	1,707.53
08 33 23 13-0696	EA		19' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	48,780.22	1,739.71
08 33 23 13-0697	EA		19' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,781.07	1,771.89
08 33 23 13-0698	EA		19' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,783.77	1,804.06
08 33 23 13-0699	EA		19' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,786.47	1,836.26
08 33 23 13-0700	EA		19' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,789.17	1,868.44
08 33 23 13-0701	EA		19' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,782.53	1,900.62
08 33 23 13-0702	EA		19' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,787.52	1,938.63
08 33 23 13-0703	EA		19' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	55,794.04	1,977.40
08 33 23 13-0704	EA		19' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	56,802.12	2,016.96
08 33 23 13-0705	EA		19' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	57,813.65	2,057.29
08 33 23 13-0706			20' Wide, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®) <small>(08 33 23 13-0561)</small>		
08 33 23 13-0707	EA		20' x 8', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	49,392.42	1,742.03
08 33 23 13-0708	EA		20' x 9', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	50,398.93	1,774.03
08 33 23 13-0709	EA		20' x 10', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	51,400.55	1,807.18
08 33 23 13-0710	EA		20' x 11', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	52,405.20	1,840.33
08 33 23 13-0711	EA		20' x 12', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	53,408.69	1,873.47
08 33 23 13-0712	EA		20' x 13', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	54,412.19	1,905.48
08 33 23 13-0713	EA		20' x 14', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	55,407.47	1,938.63
08 33 23 13-0714	EA		20' x 15', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	56,414.17	1,977.49
08 33 23 13-0715	EA		20' x 16', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	57,422.01	2,017.50
08 33 23 13-0716	EA		20' x 17', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	58,432.16	2,057.51
08 33 23 13-0717	EA		20' x 18', Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral®).....	59,443.43	2,098.66
08 33 23 13-0718			Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) <small>(08 33 23 13-0560)</small>		
08 33 23 13-0719			8' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) <small>(08 33 23 13-0718)</small>		
08 33 23 13-0720	EA		8' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	34,660.84	914.45
08 33 23 13-0721	EA		8' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	35,422.87	933.88
08 33 23 13-0722	EA		8' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,184.90	953.31
08 33 23 13-0723	EA		8' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,943.46	972.74
08 33 23 13-0724	EA		8' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	37,705.48	992.17
08 33 23 13-0725	EA		8' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	38,467.52	1,011.60
08 33 23 13-0726	EA		8' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	46,457.70	1,031.03
08 33 23 13-0727			9' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) <small>(08 33 23 13-0718)</small>		
08 33 23 13-0728	EA		9' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	35,422.87	933.88
08 33 23 13-0729	EA		9' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,184.90	953.31
08 33 23 13-0730	EA		9' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,943.46	972.74
08 33 23 13-0731	EA		9' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	37,705.48	992.17
08 33 23 13-0732	EA		9' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	38,467.52	1,011.60
08 33 23 13-0733	EA		9' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	39,229.54	1,031.03
08 33 23 13-0734	EA		9' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	47,219.73	1,050.48
08 33 23 13-0735			10' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) <small>(08 33 23 13-0718)</small>		
08 33 23 13-0736	EA		10' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,184.90	953.31
08 33 23 13-0737	EA		10' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	36,943.46	972.74
08 33 23 13-0738	EA		10' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	37,705.48	992.17
08 33 23 13-0739	EA		10' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	38,467.52	1,011.60
08 33 23 13-0740	EA		10' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	39,229.54	1,031.03
08 33 23 13-0741	EA		10' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®).....	39,991.56	1,050.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0742 EA 10' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,981.75	1,069.91
08 33 23 13-0743 11' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0744 EA 11' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	36,943.46	972.74
08 33 23 13-0745 EA 11' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,705.48	992.17
08 33 23 13-0746 EA 11' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,467.52	1,011.60
08 33 23 13-0747 EA 11' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,229.54	1,031.03
08 33 23 13-0748 EA 11' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,991.56	1,050.48
08 33 23 13-0749 EA 11' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,753.59	1,069.91
08 33 23 13-0750 EA 11' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,740.31	1,089.34
08 33 23 13-0751 12' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0752 EA 12' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	37,705.48	992.17
08 33 23 13-0753 EA 12' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,467.52	1,011.60
08 33 23 13-0754 EA 12' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,229.54	1,031.03
08 33 23 13-0755 EA 12' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,991.56	1,050.48
08 33 23 13-0756 EA 12' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,753.59	1,069.91
08 33 23 13-0757 EA 12' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,515.62	1,089.34
08 33 23 13-0758 EA 12' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,502.35	1,108.77
08 33 23 13-0759 13' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0760 EA 13' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	38,467.52	1,011.60
08 33 23 13-0761 EA 13' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,229.54	1,031.03
08 33 23 13-0762 EA 13' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	39,991.56	1,050.48
08 33 23 13-0763 EA 13' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	40,753.59	1,069.91
08 33 23 13-0764 EA 13' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	41,515.62	1,089.34
08 33 23 13-0765 EA 13' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	42,277.65	1,108.77
08 33 23 13-0766 EA 13' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,264.37	1,128.20
08 33 23 13-0767 14' Wide, Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral LH®) (08 33 23 13-0718)		
08 33 23 13-0768 EA 14' x 8', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	46,457.70	1,031.03
08 33 23 13-0769 EA 14' x 9', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,219.73	1,050.48
08 33 23 13-0770 EA 14' x 10', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	47,981.75	1,069.91
08 33 23 13-0771 EA 14' x 11', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	48,740.31	1,089.34
08 33 23 13-0772 EA 14' x 12', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	49,502.35	1,108.77
08 33 23 13-0773 EA 14' x 13', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	50,264.37	1,128.20
08 33 23 13-0774 EA 14' x 14', Low-Headroom, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral LH®)	51,026.40	1,147.63
08 33 23 13-0775 Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0560)		
08 33 23 13-0776 8' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0777 EA 8' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,182.66	914.45
08 33 23 13-0778 EA 8' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,944.70	933.88
08 33 23 13-0779 EA 8' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,706.72	953.31
08 33 23 13-0780 EA 8' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,467.02	972.74
08 33 23 13-0781 EA 8' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,229.04	992.17
08 33 23 13-0782 EA 8' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,989.05	1,006.46
08 33 23 13-0783 EA 8' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	41,221.43	1,011.60
08 33 23 13-0784 9' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0785 EA 9' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	32,944.70	933.88
08 33 23 13-0786 EA 9' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,706.72	953.31
08 33 23 13-0787 EA 9' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,467.02	972.74
08 33 23 13-0788 EA 9' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,229.04	992.17
08 33 23 13-0789 EA 9' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,989.34	1,011.60
08 33 23 13-0790 EA 9' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,736.50	1,023.60
08 33 23 13-0791 EA 9' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	39,385.62	1,031.03
08 33 23 13-0792 10' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0793 EA 10' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	33,706.72	953.31
08 33 23 13-0794 EA 10' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	34,467.02	972.74
08 33 23 13-0795 EA 10' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,229.04	992.17
08 33 23 13-0796 EA 10' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	35,989.34	1,011.60
08 33 23 13-0797 EA 10' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®)	36,751.36	1,031.03

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0798 EA 10' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	37,503.10	1,045.33
08 33 23 13-0799 EA 10' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	40,362.68	1,050.48
08 33 23 13-0800 11' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0801 EA 11' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	34,467.02	972.74
08 33 23 13-0802 EA 11' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	35,229.04	992.17
08 33 23 13-0803 EA 11' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	35,989.34	1,011.60
08 33 23 13-0804 EA 11' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	36,751.36	1,031.03
08 33 23 13-0805 EA 11' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	37,513.39	1,050.48
08 33 23 13-0806 EA 11' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	38,265.13	1,064.76
08 33 23 13-0807 EA 11' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	41,339.75	1,069.91
08 33 23 13-0808 12' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0809 EA 12' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	35,229.04	992.17
08 33 23 13-0810 EA 12' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	35,989.34	1,011.60
08 33 23 13-0811 EA 12' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	36,751.36	1,031.03
08 33 23 13-0812 EA 12' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	37,513.39	1,050.48
08 33 23 13-0813 EA 12' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	38,275.41	1,069.91
08 33 23 13-0814 EA 12' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	39,024.87	1,083.04
08 33 23 13-0815 EA 12' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	42,316.82	1,089.34
08 33 23 13-0816 13' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0817 EA 13' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	35,989.34	1,011.60
08 33 23 13-0818 EA 13' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	36,751.36	1,031.03
08 33 23 13-0819 EA 13' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	37,513.39	1,050.48
08 33 23 13-0820 EA 13' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	38,275.41	1,069.91
08 33 23 13-0821 EA 13' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	39,037.44	1,089.34
08 33 23 13-0822 EA 13' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	39,788.04	1,103.05
08 33 23 13-0823 EA 13' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	43,293.90	1,108.77
08 33 23 13-0824 14' Wide, Full Vision, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral FV®) (08 33 23 13-0775)		
08 33 23 13-0825 EA 14' x 8', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	41,260.29	1,031.03
08 33 23 13-0826 EA 14' x 9', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	42,237.36	1,050.48
08 33 23 13-0827 EA 14' x 10', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	43,214.42	1,069.91
08 33 23 13-0828 EA 14' x 11', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	44,189.76	1,089.34
08 33 23 13-0829 EA 14' x 12', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	45,168.57	1,108.77
08 33 23 13-0830 EA 14' x 12' 9", Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	46,135.34	1,123.05
08 33 23 13-0831 EA 14' x 13', Full Vision, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral FV®).....	46,145.63	1,128.20
08 33 23 13-0832 Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0860)		
08 33 23 13-0833 8' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23 13-0834 EA 8' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	43,194.65	914.45
08 33 23 13-0835 EA 8' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	44,164.37	933.88
08 33 23 13-0836 EA 8' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	45,132.21	953.31
08 33 23 13-0837 EA 8' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	46,115.12	972.74
08 33 23 13-0838 EA 8' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,099.89	992.17
08 33 23 13-0839 EA 8' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,584.67	1,011.60
08 33 23 13-0840 EA 8' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	51,069.44	1,031.03
08 33 23 13-0841 9' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23 13-0842 EA 9' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	44,164.37	933.88
08 33 23 13-0843 EA 9' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	45,132.21	953.31
08 33 23 13-0844 EA 9' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	46,100.06	972.74
08 33 23 13-0845 EA 9' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,584.83	992.17
08 33 23 13-0846 EA 9' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,067.74	1,011.60
08 33 23 13-0847 EA 9' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	50,552.50	1,031.03
08 33 23 13-0848 EA 9' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	52,046.64	1,050.48
08 33 23 13-0849 10' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23 13-0850 EA 10' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	45,132.21	953.31
08 33 23 13-0851 EA 10' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	46,100.06	972.74
08 33 23 13-0852 EA 10' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,067.90	992.17
08 33 23 13-0853 EA 10' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,552.68	1,011.60

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23	13-0854	EA	10' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	50,035.57	1,031.03
08 33 23	13-0855	EA	10' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	51,520.34	1,050.48
08 33 23	13-0856	EA	10' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	53,023.84	1,069.91
08 33 23	13-0857		11' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0858	EA	11' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	46,100.06	972.74
08 33 23	13-0859	EA	11' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,067.90	992.17
08 33 23	13-0860	EA	11' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,035.74	1,011.60
08 33 23	13-0861	EA	11' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,520.51	1,031.03
08 33 23	13-0862	EA	11' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	51,005.28	1,050.48
08 33 23	13-0863	EA	11' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	52,488.18	1,069.91
08 33 23	13-0864	EA	11' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	53,999.18	1,089.34
08 33 23	13-0865		12' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0866	EA	12' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	47,067.90	992.17
08 33 23	13-0867	EA	12' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,035.74	1,011.60
08 33 23	13-0868	EA	12' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,003.58	1,031.03
08 33 23	13-0869	EA	12' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	50,488.35	1,050.48
08 33 23	13-0870	EA	12' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	51,973.12	1,069.91
08 33 23	13-0871	EA	12' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	53,456.03	1,089.34
08 33 23	13-0872	EA	12' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	54,978.27	1,108.77
08 33 23	13-0873		13' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0874	EA	13' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	48,035.74	1,011.60
08 33 23	13-0875	EA	13' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,003.58	1,031.03
08 33 23	13-0876	EA	13' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,971.42	1,050.48
08 33 23	13-0877	EA	13' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	51,456.19	1,069.91
08 33 23	13-0878	EA	13' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	52,940.97	1,089.34
08 33 23	13-0879	EA	13' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	54,425.75	1,108.77
08 33 23	13-0880	EA	13' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	55,955.47	1,128.20
08 33 23	13-0881		14' Wide, Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Doors (Rytec® Spiral SST-HZ®) (08 33 23 13-0832)		
08 33 23	13-0882	EA	14' x 8', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,003.58	1,031.03
08 33 23	13-0883	EA	14' x 9', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	49,971.42	1,050.48
08 33 23	13-0884	EA	14' x 10', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	50,939.26	1,069.91
08 33 23	13-0885	EA	14' x 11', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	52,424.04	1,089.34
08 33 23	13-0886	EA	14' x 12', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	53,908.82	1,108.77
08 33 23	13-0887	EA	14' x 13', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	55,393.59	1,128.20
08 33 23	13-0888	EA	14' x 14', Hurricane Zone, Aluminum Rigid Panels, High-Speed Rolling Door (Rytec® Spiral SST-HZ®).....	56,923.32	1,147.63
08 33 23	13-0889		Rytec® Spiral® Door Options (08 33 23 13-0560)		
08 33 23	13-0890	EA	Insulated Slats For Rytec® Spiral® High-Speed Rolling Doors 563.62 Note: Per door price.	563.62	
08 33 23	13-0891	EA	Up To 13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors..... 381.52 Note: Maximum of 4 per door.	381.52	
08 33 23	13-0892	EA	>13' Wide Doors, Width Of Door, Ventilated Slats For Rytec® Spiral® High-Speed Rolling Doors..... 563.62 Note: Maximum of 4 per door.	563.62	
08 33 23	13-0893	EA	Up To 13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors..... 381.52 Note: Maximum of 4 per door.	381.52	
08 33 23	13-0894	EA	>13' Wide Doors, 6" High x Width Of Door, Window Slats For Rytec® Spiral® High-Speed Rolling Doors 563.62 Note: Maximum of 4 per door.	563.62	
08 33 23	13-0895	EA	Right Hand Motor Mount For Rytec® Spiral® High-Speed Rolling Doors 1,050.78	1,050.78	57.15
08 33 23	13-0896	EA	Up To 13' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors 3,038.02	3,038.02	114.31
08 33 23	13-0897	EA	>13' To 16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors 5,474.58	5,474.58	114.31
08 33 23	13-0898	EA	>16' Wide Doors, Full Hood For Rytec® Spiral® High-Speed Rolling Doors 6,228.96	6,228.96	114.31
08 33 23	13-0899	EA	Through Wall Brake Release For Rytec® Spiral® High-Speed Rolling Doors..... 655.53	655.53	
08 33 23	13-0900		Activation And Control Box Options For High Speed Doors (08 33 23 13)		
08 33 23	13-0901	EA	Pull Cord For High-Speed Rolling Doors 253.05	253.05	57.15
08 33 23	13-0902	EA	Emergency Stop, Pushbutton Control For High-Speed Rolling Doors 195.89	195.89	28.57
08 33 23	13-0903	EA	NEMA 4 Mushroom Remote Pushbutton Control For High-Speed Rolling Doors 247.91	247.91	28.57
08 33 23	13-0904	EA	On/Off Selector Switch, Remote Control For High-Speed Rolling Doors 169.87	169.87	28.57
08 33 23	13-0905	EA	On/Off Key Switch, Remote Control For High-Speed Rolling Doors 265.25	265.25	28.57
08 33 23	13-0906	EA	Keyed Remote Single Pushbutton Control For High-Speed Rolling Doors 438.67	438.67	28.57
08 33 23	13-0907	EA	Open/Close/Stop, Remote Pushbutton Control For High-Speed Rolling Doors 482.03	482.03	28.57
08 33 23	13-0908	EA	Radio Control For High-Speed Rolling Doors 735.08 Note: Includes one receiver and two transmitters.	735.08	51.44
08 33 23	13-0909	EA	Floor Loop For High-Speed Rolling Doors 963.69 Note: Excludes sealant.	963.69	
08 33 23	13-0910	EA	Reflective Type Photo Eye For High-Speed Rolling Doors 630.51	630.51	51.44
08 33 23	13-0911	EA	Thru-Beam Type Photo Eye For High-Speed Rolling Doors 830.46	830.46	51.44

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 23 13-0912 EA Motion Detector For High-Speed Rolling Doors.....	727.58	34.29
08 33 23 13-0913 EA Remote Warning Horn For High-Speed Rolling Doors	495.83	57.15
Note: Includes wall box and mounting hardware.		
08 33 23 13-0914 EA Remote Strobe Light For High-Speed Rolling Doors	677.93	57.15
Note: Includes wall box and mounting hardware.		
08 33 23 13-0915 EA Remote Warning Horn And Strobe Light For High-Speed Rolling Doors.....	773.31	57.15
Note: Includes wall box and mounting hardware.		
08 33 23 13-0916 EA Red And Green Red Light For High-Speed Rolling Doors.....	964.07	57.15
Note: Includes mounting hardware.		

08 33 26 Overhead Coiling Grilles (08 33)

Note: Includes curtains, guides, counterbalance mechanisms, hardware, operators, frame, supports and/or trim as required.
Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0984 for forklift.

08 33 26 00-0001 Galvanized Steel Overhead Coiling Grilles (Width x Height) (08 33 26)

08 33 26 00-0002 EA 4' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,510.11	219.55
For Lexan Lattice Pattern, Add	282.50	
For Aluminum With Clear Or Anodized Bronze Finish, Add	216.43	
For Staggered Brick Pattern, Add	292.97	
08 33 26 00-0003 EA 6' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,846.15	219.55
For Lexan Lattice Pattern, Add	332.91	
For Aluminum With Clear Or Anodized Bronze Finish, Add	324.65	
For Staggered Brick Pattern, Add	396.77	
08 33 26 00-0004 EA 8' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,424.87	274.43
For Lexan Lattice Pattern, Add	396.00	
For Aluminum With Clear Or Anodized Bronze Finish, Add	432.85	
For Staggered Brick Pattern, Add	500.56	
08 33 26 00-0005 EA 12' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,909.50	274.43
For Lexan Lattice Pattern, Add	468.69	
For Aluminum With Clear Or Anodized Bronze Finish, Add	436.11	
For Staggered Brick Pattern, Add	708.16	
08 33 26 00-0006 EA 16' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,378.73	439.10
For Lexan Lattice Pattern, Add	618.32	
For Aluminum With Clear Or Anodized Bronze Finish, Add	865.71	
For Staggered Brick Pattern, Add	998.67	
08 33 26 00-0007 EA 20' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,684.76	548.87
For Lexan Lattice Pattern, Add	767.96	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,082.13	
For Staggered Brick Pattern, Add	1,289.17	
08 33 26 00-0008 EA 24' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,427.96	658.64
For Lexan Lattice Pattern, Add	982.14	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,298.56	
For Staggered Brick Pattern, Add	1,450.15	
08 33 26 00-0009 EA 30' x 8', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,275.26	805.01
For Lexan Lattice Pattern, Add	1,197.39	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,504.03	
For Staggered Brick Pattern, Add	1,581.58	
08 33 26 00-0010 EA 4' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	2,753.67	219.55
For Lexan Lattice Pattern, Add	319.03	
For Aluminum With Clear Or Anodized Bronze Finish, Add	270.53	
For Staggered Brick Pattern, Add	348.05	
08 33 26 00-0011 EA 6' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,199.04	219.55
For Lexan Lattice Pattern, Add	385.84	
For Aluminum With Clear Or Anodized Bronze Finish, Add	405.79	
For Staggered Brick Pattern, Add	494.25	
08 33 26 00-0012 EA 8' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,816.15	274.43
For Lexan Lattice Pattern, Add	455.04	
For Aluminum With Clear Or Anodized Bronze Finish, Add	541.07	
For Staggered Brick Pattern, Add	640.45	
08 33 26 00-0013 EA 12' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,423.08	274.43
For Lexan Lattice Pattern, Add	546.08	
For Aluminum With Clear Or Anodized Bronze Finish, Add	811.60	
For Staggered Brick Pattern, Add	932.85	
08 33 26 00-0014 EA 16' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	6,053.29	439.10
For Lexan Lattice Pattern, Add	719.51	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,082.13	
For Staggered Brick Pattern, Add	1,286.28	
08 33 26 00-0015 EA 20' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,517.93	548.87
For Lexan Lattice Pattern, Add	892.93	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,352.66	
For Staggered Brick Pattern, Add	1,639.69	
08 33 26 00-0016 EA 24' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,434.61	658.64
For Lexan Lattice Pattern, Add	1,133.14	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,623.40	
For Staggered Brick Pattern, Add	1,898.89	
08 33 26 00-0017 EA 30' x 10', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,829.63	805.01
For Lexan Lattice Pattern, Add	1,430.54	
For Aluminum With Clear Or Anodized Bronze Finish, Add	1,900.77	
For Staggered Brick Pattern, Add	2,127.18	
08 33 26 00-0018 EA 4' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,032.60	219.55
For Lexan Lattice Pattern, Add	360.87	
For Aluminum With Clear Or Anodized Bronze Finish, Add	324.65	
For Staggered Brick Pattern, Add	402.33	

08 Openings**08 30 Specialty Doors and Frames****08 33 Coiling Doors and Grilles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 26 00-0019	EA		6' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,113.33	219.55
			<i>For Lexan Lattice Pattern, Add</i>	372.98	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	486.96	
			<i>For Staggered Brick Pattern, Add</i>	590.10	
08 33 26 00-0020	EA		8' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,791.52	274.43
			<i>For Lexan Lattice Pattern, Add</i>	451.00	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	649.27	
			<i>For Staggered Brick Pattern, Add</i>	777.87	
08 33 26 00-0021	EA		12' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,005.18	274.43
			<i>For Lexan Lattice Pattern, Add</i>	633.05	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	973.88	
			<i>For Staggered Brick Pattern, Add</i>	1,153.40	
08 33 26 00-0022	EA		16' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,006.85	439.10
			<i>For Lexan Lattice Pattern, Add</i>	862.54	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,298.55	
			<i>For Staggered Brick Pattern, Add</i>	1,603.57	
08 33 26 00-0023	EA		20' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	8,845.30	548.87
			<i>For Lexan Lattice Pattern, Add</i>	1,092.04	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,623.19	
			<i>For Staggered Brick Pattern, Add</i>	2,053.73	
08 33 26 00-0024	EA		24' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	10,724.58	658.64
			<i>For Lexan Lattice Pattern, Add</i>	1,326.64	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,947.84	
			<i>For Staggered Brick Pattern, Add</i>	2,171.53	
08 33 26 00-0025	EA		30' x 12', Galvanized Steel Overhead Coiling Grilles, Manual Lift	13,365.36	805.01
			<i>For Lexan Lattice Pattern, Add</i>	1,660.90	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,257.26	
			<i>For Staggered Brick Pattern, Add</i>	2,365.91	
08 33 26 00-0026	EA		4' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	3,531.47	219.55
			<i>For Lexan Lattice Pattern, Add</i>	435.70	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	378.60	
			<i>For Staggered Brick Pattern, Add</i>	744.16	
08 33 26 00-0027	EA		6' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,076.14	219.55
			<i>For Lexan Lattice Pattern, Add</i>	517.40	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	568.02	
			<i>For Staggered Brick Pattern, Add</i>	913.74	
08 33 26 00-0028	EA		8' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	4,782.57	274.43
			<i>For Lexan Lattice Pattern, Add</i>	600.00	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	757.43	
			<i>For Staggered Brick Pattern, Add</i>	1,063.97	
08 33 26 00-0029	EA		12' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	5,926.74	274.43
			<i>For Lexan Lattice Pattern, Add</i>	771.63	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,136.24	
			<i>For Staggered Brick Pattern, Add</i>	1,349.20	
08 33 26 00-0030	EA		16' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	7,958.24	439.10
			<i>For Lexan Lattice Pattern, Add</i>	1,005.25	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,514.99	
			<i>For Staggered Brick Pattern, Add</i>	1,804.98	
08 33 26 00-0031	EA		20' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	9,824.21	548.87
			<i>For Lexan Lattice Pattern, Add</i>	1,238.87	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,893.72	
			<i>For Staggered Brick Pattern, Add</i>	2,260.76	
08 33 26 00-0032	EA		24' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	11,740.94	658.64
			<i>For Lexan Lattice Pattern, Add</i>	1,479.09	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,272.47	
			<i>For Staggered Brick Pattern, Add</i>	2,563.95	
08 33 26 00-0033	EA		30' x 14', Galvanized Steel Overhead Coiling Grilles, Manual Lift	15,021.13	805.01
			<i>For Lexan Lattice Pattern, Add</i>	1,909.27	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	2,682.68	
			<i>For Staggered Brick Pattern, Add</i>	2,929.44	
08 33 26 00-0034			Coiling Grilles Accessories <small>(08 33 26)</small>		
08 33 26 00-0035	LF		For Overhead Framed Rolling Grille Supports.....	112.36	
08 33 36			Side Coiling Grilles <small>(08 33)</small>		
08 33 36 00-0001			Galvanized Steel Side Coiling Grilles (Width x Height) <small>(08 33 36)</small>		
08 33 36 00-0002	EA		12' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	4,262.15	613.90
			<i>For Lexan Lattice Pattern, Add</i>	376.20	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	649.28	
			<i>For Staggered Brick Pattern, Add</i>	708.16	
08 33 36 00-0003	EA		18' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	5,935.57	788.59
			<i>For Lexan Lattice Pattern, Add</i>	552.36	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	995.93	
			<i>For Staggered Brick Pattern, Add</i>	1,134.24	
08 33 36 00-0004	EA		24' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	7,677.55	994.34
			<i>For Lexan Lattice Pattern, Add</i>	725.49	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,298.56	
			<i>For Staggered Brick Pattern, Add</i>	1,450.15	
08 33 36 00-0005	EA		30' x 8', Galvanized Steel Side Coiling Grilles, Manually Operated	9,183.41	1,097.74
			<i>For Lexan Lattice Pattern, Add</i>	906.86	
			<i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i>	1,504.03	
			<i>For Staggered Brick Pattern, Add</i>	1,581.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 33 36 00-0006 EA 12' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	5,132.55 469.92 811.60 932.85	699.94
08 33 36 00-0007 EA 18' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	7,175.74 690.87 1,195.28 1,416.52	898.99
08 33 36 00-0008 EA 24' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	9,174.58 890.38 1,623.40 1,898.89	1,133.18
08 33 36 00-0009 EA 30' x 10', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	11,145.20 1,133.25 1,900.77 2,127.18	1,251.42
08 33 36 00-0010 EA 12' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	6,013.62 564.07 973.88 1,153.40	788.59
08 33 36 00-0011 EA 18' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	8,422.20 827.72 1,437.96 1,758.64	1,012.85
08 33 36 00-0012 EA 24' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	10,885.01 1,088.24 1,947.84 2,171.53	1,277.04
08 33 36 00-0013 EA 30' x 12', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	13,095.86 1,360.30 2,257.26 2,365.91	1,408.76
08 33 36 00-0014 EA 12' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	6,886.12 659.54 1,136.24 1,349.20	871.91
08 33 36 00-0015 EA 18' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	9,668.24 966.22 1,643.41 1,953.98	1,119.69
08 33 36 00-0016 EA 24' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	12,485.09 1,269.61 2,272.47 2,563.95	1,411.69
08 33 36 00-0017 EA 30' x 14', Galvanized Steel Side Coiling Grilles, Manually Operated <i>For Lexan Lattice Pattern, Add</i> <i>For Aluminum With Clear Or Anodized Bronze Finish, Add</i> <i>For Staggered Brick Pattern, Add</i>	15,027.16 1,586.19 2,682.68 2,929.44	1,558.78

08 33 43 Overhead Coiling Smoke Curtains (08 33)

08 33 43 00-0001 Elevator Smoke Guard (08 33 43)		
08 33 43 00-0002 EA Elevator Smoke Guard, 55" Width Housing (Smoke Guard 400).....	14,752.87	613.90
08 33 43 00-0003 EA Elevator Smoke Guard, 64" Width Housing (Smoke Guard 400).....	15,303.14	613.90
08 33 43 00-0004 EA Elevator Smoke Guard, 73" Width Housing (Smoke Guard 400).....	15,853.42	613.90

08 34 Special Function Doors (08 30)

08 34 23 Sidewalk and Basement Doors (08 34)

08 34 23 00-0001 Drainage Doors (08 34 23)		
08 34 23 00-0002 Single Leaf Aluminum Drainage Doors (08 34 23 00-0001) Note: Bilco - J Series.		
08 34 23 00-0003 EA 2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,279.62	203.58
08 34 23 00-0004 EA 2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,571.77	212.72
08 34 23 00-0005 EA 3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,668.67	217.29
08 34 23 00-0006 EA 3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	1,839.31	221.87
08 34 23 00-0007 EA 3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,143.03	233.30
08 34 23 00-0008 EA 2'-6" x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,184.17	227.92
08 34 23 00-0009 EA 3' x 4' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,429.62	233.30
08 34 23 00-0010 EA 2'-6" x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,535.90	238.68
08 34 23 00-0011 EA 3' x 5' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,781.38	244.04
08 34 23 00-0012 EA 3' x 6' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,227.75	257.76

08 34 23 00-0013 Double Leaf Aluminum Drainage Doors (08 34 23 00-0001)

08 34 23 00-0014 EA 4' x 2'-6" Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,593.59	227.92
08 34 23 00-0015 EA 4' x 4' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	2,724.06	244.04
08 34 23 00-0016 EA 4' x 6' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,453.04	271.48
08 34 23 00-0017 EA 5' x 5' Double Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door	3,551.31	271.48

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 34 23 00-0018	Single Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)				
	Note: Bilco - J H2O Series.				
08 34 23 00-0019	EA		2' x 2' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,041.14	203.58
08 34 23 00-0020	EA		2'-6" x 2'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,382.42	212.72
08 34 23 00-0021	EA		3' x 2' 6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,594.00	217.29
08 34 23 00-0022	EA		3' x 3' Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	2,936.58	221.87
08 34 23 00-0023	EA		3'-6" x 3'-6" Single Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	3,395.89	233.30
08 34 23 00-0024	Double Leaf Aluminum H2O Drainage Doors (08 34 23 00-0001)				
	Note: Bilco - JD H2O Series.				
08 34 23 00-0025	EA		4' x 2'-6" Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	3,396.05	227.92
08 34 23 00-0026	EA		4' x 4' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	4,541.88	244.04
08 34 23 00-0027	EA		4' x 6' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	6,458.19	271.48
08 34 23 00-0028	EA		5' x 5' Double Leaf Aluminum H2O Drainage Floor, Vault Or Sidewalk Door.....	6,081.52	271.48
08 34 23 00-0029	Single Leaf Steel Drainage Doors (08 34 23 00-0001)				
	Note: Bilco - J Series.				
08 34 23 00-0030	EA		2' x 2' Single Leaf Steel Floor, Vault Or Sidewalk Door.....	1,640.96	203.58
08 34 23 00-0031	EA		2'-6" x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	1,723.96	212.72
08 34 23 00-0032	EA		3' x 2'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	1,918.78	217.29
08 34 23 00-0033	EA		3' x 3' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,123.54	221.87
08 34 23 00-0034	EA		3'-6" x 3'-6" Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,467.19	233.30
08 34 23 00-0035	EA		2'-6" x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,350.36	227.92
08 34 23 00-0036	EA		3' x 4' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,674.98	233.30
08 34 23 00-0037	EA		2'-6" x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,663.21	238.68
08 34 23 00-0038	EA		3' x 5' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,968.05	244.04
08 34 23 00-0039	EA		3' x 6' Single Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,166.73	257.76
08 34 23 00-0040	Double Leaf Steel Drainage Doors (08 34 23 00-0001)				
	Note: Bilco - JD Series.				
08 34 23 00-0041	EA		4' x 2'-6" Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	2,884.67	227.92
08 34 23 00-0042	EA		4' x 4' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,027.42	244.04
08 34 23 00-0043	EA		4' x 6' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,771.09	271.48
08 34 23 00-0044	EA		5' x 5' Double Leaf Steel Drainage Floor, Vault Or Sidewalk Door.....	3,879.93	271.48
08 34 23 00-0045	Single Leaf Steel H2O Drainage Doors (08 34 23 00-0001)				
	Note: Bilco - J H2O Series.				
08 34 23 00-0046	EA		2' x 2' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	2,788.72	203.58
08 34 23 00-0047	EA		2'-6" x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	2,950.88	212.72
08 34 23 00-0048	EA		3' x 2'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	3,056.69	217.29
08 34 23 00-0049	EA		3' x 3' Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	3,597.85	221.87
08 34 23 00-0050	EA		3'-6" x 3'-6" Single Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	4,238.35	233.30
08 34 23 00-0051	Double Leaf Steel H2O Drainage Doors (08 34 23 00-0001)				
	Note: Bilco - JD H2O Series.				
08 34 23 00-0052	EA		4' x 2'-6" Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	4,665.68	227.92
08 34 23 00-0053	EA		4' x 4' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	5,214.10	244.04
08 34 23 00-0054	EA		4' x 6' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	7,738.78	271.48
08 34 23 00-0055	EA		5' x 5' Double Leaf Steel H2O Drainage Floor, Vault Or Sidewalk Door.....	7,540.89	271.48
08 34 23 00-0056	Single Leaf Aluminum Drainage Door (08 34 23 00-0001)				
	Note: Bilco - J-R Series (Odor Resistant).				
08 34 23 00-0057	EA		2' x 2' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	3,027.06	203.58
08 34 23 00-0058	EA		2'-6" x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	3,639.35	212.72
08 34 23 00-0059	EA		3' x 2'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	3,873.37	217.29
08 34 23 00-0060	EA		3' x 3' Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	4,111.79	221.87
08 34 23 00-0061	EA		3'-6" x 3'-6" Single Leaf Aluminum Drainage Floor, Vault Or Sidewalk Door, Odor Resistant.....	4,679.41	233.30
08 34 23 00-0062	Non-Drainage Doors (08 34 23)				
08 34 23 00-0063	Single Leaf Aluminum Non-Drainage Doors (08 34 23 00-0062)				
	Note: Bilco - Q Series.				
08 34 23 00-0064	EA		2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	1,230.59	203.58
08 34 23 00-0065	EA		2' 6" x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	1,489.88	212.72
08 34 23 00-0066	EA		3' x 2' 6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	1,595.04	217.29
08 34 23 00-0067	EA		3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	1,659.19	221.87
08 34 23 00-0068	EA		3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	2,085.71	233.30
08 34 23 00-0069	EA		2'-6" x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	1,881.24	227.92
08 34 23 00-0070	EA		3' x 4' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	2,102.09	233.30
08 34 23 00-0071	EA		2'-6" x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	2,355.63	238.68
08 34 23 00-0072	EA		3' x 5' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	2,494.88	244.04
08 34 23 00-0073	EA		3' x 6' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door.....	2,835.02	257.76

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 23 00-0074 Single Leaf Aluminum Non-Drainage Doors <small>(08 34 23 00-0062)</small>		
Note: Bilco - K Series.		
08 34 23 00-0075 EA 2' x 2' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,009.50	203.58
08 34 23 00-0076 EA 2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,211.48	212.72
08 34 23 00-0077 EA 3' x 2'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,341.20	217.29
08 34 23 00-0078 EA 3' x 3' Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,429.92	221.87
08 34 23 00-0079 EA 3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	1,659.91	233.30
08 34 23 00-0080 Double Leaf Aluminum Non-Drainage Doors <small>(08 34 23 00-0062)</small>		
Note: Bilco - QD Series.		
08 34 23 00-0081 EA 4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,388.92	227.92
08 34 23 00-0082 Double Leaf Aluminum Non-Drainage Doors <small>(08 34 23 00-0062)</small>		
Note: Bilco - KD Series.		
08 34 23 00-0083 EA 4' x 4' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,290.17	244.04
08 34 23 00-0084 EA 4' x 6' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	3,215.69	271.48
08 34 23 00-0085 EA 5' x 5' Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	3,281.20	271.48
08 34 23 00-0086 Single Leaf Aluminum Non-Drainage Doors <small>(08 34 23 00-0062)</small>		
Note: Bilco - T Series.		
08 34 23 00-0087 EA 2' x 2' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,107.76	203.58
08 34 23 00-0088 EA 2'-6" x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,293.36	212.72
08 34 23 00-0089 EA 3' x 2'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,382.14	217.29
08 34 23 00-0090 EA 3' x 3' Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,511.80	221.87
08 34 23 00-0091 EA 3'-6" x 3'-6" Single Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	1,766.36	233.30
08 34 23 00-0092 Double Leaf Aluminum Non-Drainage Doors <small>(08 34 23 00-0062)</small>		
Note: Bilco - TD Series.		
08 34 23 00-0093 EA 4' x 4' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	2,429.38	244.04
08 34 23 00-0094 EA 4' x 6' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	3,387.65	271.48
08 34 23 00-0095 EA 5' x 5' Double Leaf Aluminum Non-Drainage Door, Floor Installation For Covering	3,436.78	271.48
08 34 23 00-0096 Single Leaf Steel Non-Drainage Doors <small>(08 34 23 00-0062)</small>		
Note: Bilco - Q Series.		
08 34 23 00-0097 EA 2' x 2' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,126.54	203.58
08 34 23 00-0098 EA 2'-6" x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,258.92	212.72
08 34 23 00-0099 EA 3' x 2'-6" Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,414.24	217.29
08 34 23 00-0100 EA 3' x 3' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,500.22	221.87
08 34 23 00-0101 EA 2'-6" x 4' Single Leaf Steel Non-Drainage Floor, Vault Or Sidewalk Door	1,708.01	221.87
08 34 23 00-0102 Double Leaf Steel Non-Drainage Doors <small>(08 34 23 00-0062)</small>		
Note: Bilco - QD Series.		
08 34 23 00-0103 EA 4' x 2'-6" Double Leaf Aluminum Non-Drainage Floor, Vault Or Sidewalk Door	2,261.31	227.92
08 34 23 00-0104 Basement Doors <small>(08 34 23)</small>		
Note: 12 gauge primed steel, center opening, includes assembly and installation hardware.		
08 34 23 00-0105 EA 45-1/4" Wide x 65-1/4" Long, Sloped Wall Basement Door, Factory Primed Metal	1,553.91	257.19
08 34 23 00-0106 EA 30" High x 47" Wide x 58" Long, Basement Door	1,290.18	194.89
08 34 23 00-0107 EA 22" High x 51" Wide x 64" Long, Basement Door	1,342.92	214.32
08 34 23 00-0108 EA 19-1/2" High x 55" Wide x 72" Long, Basement Door	1,434.86	228.61
08 34 23 00-0109 EA 52" High x 51" Wide x 43-1/4" Long, Basement Door	1,588.95	257.19
08 34 49 Radiation Shielding Doors and Frames <small>(08 34)</small>		
08 34 49 13 Neutron Shielding Doors and Frames <small>(08 34 49)</small>		
08 34 49 13-0001 Lead Lined Doors And Frames <small>(08 34 49 13)</small>		
08 34 49 13-0002 SF 1/16" Thick Laminated Lead In Wood Door	139.59	11.43
08 34 49 13-0003 SF 1/8" Thick Laminated Lead In Wood Door	172.90	11.43
08 34 49 13-0004 LF 1/16" Thick Lead Lined Door Frame	153.47	11.43
08 34 49 13-0005 LF 1/8" Thick Lead Lined Door Frame	164.57	11.43
08 34 53 Security Doors and Frames <small>(08 34)</small>		
08 34 53 00-0001 Metal Security Doors <small>(08 34 53)</small>		
Note: Includes standard pitcher handle latch, pneumatic closure, hinges and baked enamel finish.		
08 34 53 00-0002 EA Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-501-28-O)	948.35	78.41
Note: Top and bottom section are #12 mesh 0.028" stainless steel wire cloth with a bottom kick plate.		
08 34 53 00-0003 EA Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-503-28-O)	948.35	78.41
Note: Top section is #12 mesh 0.028" stainless steel wire cloth and bottom section is a double kick panel.		
08 34 53 00-0004 EA Up To 3' x 7' Steel Narrowline Security Door (Kane Screens S-504-28-O)	1,344.13	78.41
Note: Top section includes 1/8" tempered sash unit and #12 mesh 0.028" stainless steel wire cloth. Bottom section is a double kick panel.		

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
08 34 56 Security Gates (08 34)**08 34 56 00-0001 Pivoting Double Folding Gate (08 34 56)**

Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.

08 34 56 00-0002	EA	6' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,088.40	217.68
08 34 56 00-0003	EA	8' To 10' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,221.97	244.89
08 34 56 00-0004	EA	8' To 10' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,315.97	272.11
08 34 56 00-0005	EA	8' To 10' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,449.52	299.31
08 34 56 00-0006	EA	10' To 12' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,232.21	220.40
08 34 56 00-0007	EA	10' To 12' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,326.43	247.61
08 34 56 00-0008	EA	10' To 12' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,454.49	274.83
08 34 56 00-0009	EA	10' To 12' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,554.54	302.03
08 34 56 00-0010	EA	12' To 14' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,296.99	223.12
08 34 56 00-0011	EA	12' To 14' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,390.92	250.33
08 34 56 00-0012	EA	12' To 14' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,467.69	263.93
08 34 56 00-0013	EA	12' To 14' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,544.75	277.55
08 34 56 00-0014	EA	12' To 14' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,648.67	304.75
08 34 56 00-0015	EA	14' To 16' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,421.28	225.84
08 34 56 00-0016	EA	14' To 16' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,514.89	253.05
08 34 56 00-0017	EA	14' To 16' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,601.48	266.66
08 34 56 00-0018	EA	14' To 16' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,708.79	280.27
08 34 56 00-0019	EA	14' To 16' Width Opening, 8' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,861.63	307.47
08 34 56 00-0020	EA	16' To 18' Width Opening, 6' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,610.42	231.28
08 34 56 00-0021	EA	16' To 18' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,729.14	261.21
08 34 56 00-0022	EA	16' To 18' Width Opening, 7' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,860.67	277.55
08 34 56 00-0023	EA	16' To 18' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Double Folding Gate.....	1,937.53	285.71

08 34 56 00-0024 Pivoting Single Folding Gate (08 34 56)

Note: Includes locking bar, solid steel casters and galvanized finish. Excludes padlock.

08 34 56 00-0025	EA	5' To 6' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	740.12	152.37
08 34 56 00-0026	EA	5' To 6' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	790.58	157.81
08 34 56 00-0027	EA	5' To 6' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	841.04	163.26
08 34 56 00-0028	EA	5' To 6' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	902.41	174.15
08 34 56 00-0029	EA	5' To 6' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	943.96	185.03
08 34 56 00-0030	EA	6' To 7' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	790.42	157.81
08 34 56 00-0031	EA	6' To 7' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	841.11	163.26
08 34 56 00-0032	EA	6' To 7' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	891.58	168.71
08 34 56 00-0033	EA	6' To 7' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	952.88	179.59
08 34 56 00-0034	EA	6' To 7' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	994.69	190.47
08 34 56 00-0035	EA	7' To 8' Width Opening, 6' In Use Height, Pivoting Galvanized Single Folding Gate.....	860.66	163.26
08 34 56 00-0036	EA	7' To 8' Width Opening, 6-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	911.37	168.71
08 34 56 00-0037	EA	7' To 8' Width Opening, 7' In Use Height, Pivoting Galvanized Single Folding Gate.....	961.75	174.15
08 34 56 00-0038	EA	7' To 8' Width Opening, 7-1/2' In Use Height, Pivoting Galvanized Single Folding Gate.....	1,023.24	185.03
08 34 56 00-0039	EA	7' To 8' Width Opening, 8' In Use Height, Pivoting Galvanized Single Folding Gate.....	1,084.84	195.91

08 34 56 00-0040 Window Gates, Expands From 2' To 4' (08 34 56)

Note: Includes padlock hasp and galvanized finish. Excludes padlock.

08 34 56 00-0041	EA	33" High Window Gate, Up To 4' Wide Opening.....	300.36	59.87
08 34 56 00-0042	EA	37" High Window Gate, Up To 4' Wide Opening.....	311.26	65.31
08 34 56 00-0043	EA	40" High Window Gate, Up To 4' Wide Opening.....	311.26	65.31
08 34 56 00-0044	EA	43" High Window Gate, Up To 4' Wide Opening.....	322.92	70.75
08 34 56 00-0045	EA	46" High Window Gate, Up To 4' Wide Opening.....	322.92	70.75
08 34 56 00-0046	EA	49" High Window Gate, Up To 4' Wide Opening.....	333.81	76.19
08 34 56 00-0047	EA	51" High Window Gate, Up To 4' Wide Opening.....	333.81	76.19
08 34 56 00-0048	EA	53" High Window Gate, Up To 4' Wide Opening.....	344.68	81.63
08 34 56 00-0049	EA	55" High Window Gate, Up To 4' Wide Opening.....	344.68	81.63
08 34 56 00-0050	EA	57" High Window Gate, Up To 4' Wide Opening.....	355.58	87.07
08 34 56 00-0051	EA	59" High Window Gate, Up To 4' Wide Opening.....	355.58	87.07

08 34 56 00-0052 Pivoting Door Gate, Expands From 2' To 4' (08 34 56)

Note: Includes padlock hasp and galvanized finish. Excludes padlock.

08 34 56 00-0053	EA	61" High Pivoting Door Gate, Up To 4' Wide Opening.....	366.46	92.52
08 34 56 00-0054	EA	63" High Pivoting Door Gate, Up To 4' Wide Opening.....	368.87	92.52
08 34 56 00-0055	EA	66" High Pivoting Door Gate, Up To 4' Wide Opening.....	382.96	97.96
08 34 56 00-0056	EA	71" High Pivoting Door Gate, Up To 4' Wide Opening.....	397.05	103.40
08 34 56 00-0057	EA	73" High Pivoting Door Gate, Up To 4' Wide Opening.....	400.26	103.40
08 34 56 00-0058	EA	76" High Pivoting Door Gate, Up To 4' Wide Opening.....	414.34	108.84
08 34 56 00-0059	EA	79" High Pivoting Door Gate, Up To 4' Wide Opening.....	417.55	108.84
08 34 56 00-0060	EA	81" High Pivoting Door Gate, Up To 4' Wide Opening.....	430.65	114.28
08 34 56 00-0061	EA	83" High Pivoting Door Gate, Up To 4' Wide Opening.....	434.84	114.28

08 34 73 Sound Control Door Assemblies (08 34)**08 34 73 13 Metal Sound Control Door Assemblies (08 34 73)****08 34 73 13-0001 Steel Acoustical Door Assembly (08 34 73 13)**

Note: Includes seal.

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 34 73 13-0002	Steel Acoustical Doors <small>(08 34 73 13-0001)</small>	
	Note: Includes hardware: cam lift hinges and seals. Excludes frame, hardware: locksets, closer, electromagnetic release, etc.	
08 34 73 13-0003 EA	3' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) 4,122.68	205.75
	Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.	
	<i>For Accent Window Vision Lite, Add</i>	1,471.30
	<i>For Half Window Vision Lite, Add</i>	1,522.88
	<i>For Full Window Vision Lite, Add</i>	1,574.46
	<i>For 8' Height, Add</i>	499.52
	<i>For 45 Minutes Fire Rated, Add</i>	210.33
	<i>For 60 Minutes Fire Rated, Add</i>	315.49
	<i>For 90 Minutes Fire Rated, Add</i>	525.81
	<i>For 120 Minutes Fire Rated, Add</i>	736.14
	<i>For 45 STC Rating, Deduct</i>	-1,191.85
	<i>For 48 STC Rating, Deduct</i>	-630.98
	<i>For 52 STC Rating, Add</i>	490.76
	<i>For 55 STC Rating, Add</i>	1,332.06
08 34 73 13-0004 EA	3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) 4,360.13	214.32
	Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.	
	<i>For Accent Window Vision Lite, Add</i>	1,471.30
	<i>For Half Window Vision Lite, Add</i>	1,522.88
	<i>For Full Window Vision Lite, Add</i>	1,574.46
	<i>For 8' Height, Add</i>	529.70
	<i>For 45 Minutes Fire Rated, Add</i>	223.03
	<i>For 60 Minutes Fire Rated, Add</i>	334.54
	<i>For 90 Minutes Fire Rated, Add</i>	557.57
	<i>For 120 Minutes Fire Rated, Add</i>	780.60
	<i>For 45 STC Rating, Deduct</i>	-1,263.83
	<i>For 48 STC Rating, Deduct</i>	-669.09
	<i>For 52 STC Rating, Add</i>	520.40
	<i>For 55 STC Rating, Add</i>	1,412.52
08 34 73 13-0005 EA	4' x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) 4,623.31	231.47
	Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.	
	<i>For Accent Window Vision Lite, Add</i>	1,471.30
	<i>For Half Window Vision Lite, Add</i>	1,522.88
	<i>For Full Window Vision Lite, Add</i>	1,574.46
	<i>For 8' Height, Add</i>	559.87
	<i>For 45 Minutes Fire Rated, Add</i>	235.73
	<i>For 60 Minutes Fire Rated, Add</i>	353.60
	<i>For 90 Minutes Fire Rated, Add</i>	589.34
	<i>For 120 Minutes Fire Rated, Add</i>	825.07
	<i>For 45 STC Rating, Deduct</i>	-1,335.83
	<i>For 48 STC Rating, Deduct</i>	-707.20
	<i>For 52 STC Rating, Add</i>	550.05
	<i>For 55 STC Rating, Add</i>	1,492.98
08 34 73 13-0006 PR	Pair 3' x 7', 16 Gauge, STC 50, Steel Acoustical Doors (Unrated) 8,183.64	390.93
	Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.	
	<i>For Pair Accent Window Vision Lites, Add</i>	2,942.60
	<i>For Pair Half Window Vision Lites, Add</i>	3,045.76
	<i>For Pair Full Window Vision Lites, Add</i>	3,148.91
	<i>For 8' Height, Add</i>	999.05
	<i>For 45 Minutes Fire Rated, Add</i>	420.65
	<i>For 60 Minutes Fire Rated, Add</i>	630.98
	<i>For 90 Minutes Fire Rated, Add</i>	1,051.63
	<i>For 120 Minutes Fire Rated, Add</i>	1,472.28
	<i>For 45 STC Rating, Deduct</i>	-2,383.69
	<i>For 48 STC Rating, Deduct</i>	-1,261.95
	<i>For 52 STC Rating, Add</i>	981.52
	<i>For 55 STC Rating, Add</i>	2,664.13
08 34 73 13-0007 PR	Pair 3'-6" x 7', 16 Gauge, STC 50, Steel Acoustical Door (Unrated) 8,617.40	394.35
	Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.	
	<i>For Pair Accent Window Vision Lites, Add</i>	2,942.60
	<i>For Pair Half Window Vision Lites, Add</i>	3,045.76
	<i>For Pair Full Window Vision Lites, Add</i>	3,148.91
	<i>For 8' Height, Add</i>	1,059.39
	<i>For 45 Minutes Fire Rated, Add</i>	446.06
	<i>For 60 Minutes Fire Rated, Add</i>	669.09
	<i>For 90 Minutes Fire Rated, Add</i>	1,115.15
	<i>For 120 Minutes Fire Rated, Add</i>	1,561.21
	<i>For 45 STC Rating, Deduct</i>	-2,527.67
	<i>For 48 STC Rating, Deduct</i>	-1,338.18
	<i>For 52 STC Rating, Add</i>	1,040.81
	<i>For 55 STC Rating, Add</i>	2,825.05
08 34 73 13-0008 EA	3' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated) 4,626.78	129.17
	Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.	
	<i>For Accent Window Vision Lite, Add</i>	1,471.30
	<i>For Half Window Vision Lite, Add</i>	1,522.88
	<i>For Full Window Vision Lite, Add</i>	1,574.46
	<i>For 8' Height, Add</i>	566.96
	<i>For 45 Minutes Fire Rated, Add</i>	238.72
	<i>For 60 Minutes Fire Rated, Add</i>	358.08
	<i>For 90 Minutes Fire Rated, Add</i>	596.80
	<i>For 120 Minutes Fire Rated, Add</i>	835.52
	<i>For 45 STC Rating, Deduct</i>	-1,352.74
	<i>For 48 STC Rating, Deduct</i>	-716.16
	<i>For 52 STC Rating, Add</i>	557.01
	<i>For 55 STC Rating, Add</i>	1,511.89

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 34 73 13-0009	EA	3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	4,893.39	225.18
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	1,471.30	
		For Half Window Vision Lite, Add	1,522.88	
		For Full Window Vision Lite, Add	1,574.46	
		For 8' Height, Add	601.20	
		For 45 Minutes Fire Rated, Add	253.14	
		For 60 Minutes Fire Rated, Add	379.71	
		For 90 Minutes Fire Rated, Add	632.85	
		For 120 Minutes Fire Rated, Add	885.99	
		For 45 STC Rating, Deduct	-1,434.45	
		For 48 STC Rating, Deduct	-759.42	
		For 52 STC Rating, Add	590.66	
		For 55 STC Rating, Add	1,603.21	
08 34 73 13-0010	EA	4' x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	5,188.58	243.47
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Accent Window Vision Lite, Add	1,471.30	
		For Half Window Vision Lite, Add	1,522.88	
		For Full Window Vision Lite, Add	1,574.46	
		For 8' Height, Add	635.45	
		For 45 Minutes Fire Rated, Add	267.56	
		For 60 Minutes Fire Rated, Add	401.34	
		For 90 Minutes Fire Rated, Add	668.90	
		For 120 Minutes Fire Rated, Add	936.45	
		For 45 STC Rating, Deduct	-1,516.16	
		For 48 STC Rating, Deduct	-802.67	
		For 52 STC Rating, Add	624.30	
		For 55 STC Rating, Add	1,694.53	
08 34 73 13-0011	PR	Pair 3' x 7', 14 Gauge, STC 50, Steel Acoustical Doors (Unrated).....	5,209.73	410.36
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	2,942.60	
		For Pair Half Window Vision Lites, Add	3,045.76	
		For Pair Full Window Vision Lites, Add	3,148.91	
		For 8' Height, Add	566.96	
		For 45 Minutes Fire Rated, Add	238.72	
		For 60 Minutes Fire Rated, Add	358.08	
		For 90 Minutes Fire Rated, Add	596.80	
		For 120 Minutes Fire Rated, Add	835.52	
		For 45 STC Rating, Deduct	-1,352.74	
		For 48 STC Rating, Deduct	-716.16	
		For 52 STC Rating, Add	557.01	
		For 55 STC Rating, Add	1,511.89	
08 34 73 13-0012	PR	Pair 3'-6" x 7', 14 Gauge, STC 50, Steel Acoustical Door (Unrated).....	5,461.49	413.78
		Note: Excludes steel acoustical door frame See CSI section 08 34 73 13-0013 for steel acoustical door frames.		
		For Pair Accent Window Vision Lites, Add	2,942.60	
		For Pair Half Window Vision Lites, Add	3,045.76	
		For Pair Full Window Vision Lites, Add	3,148.91	
		For 8' Height, Add	601.20	
		For 45 Minutes Fire Rated, Add	253.14	
		For 60 Minutes Fire Rated, Add	379.71	
		For 90 Minutes Fire Rated, Add	632.85	
		For 120 Minutes Fire Rated, Add	885.99	
		For 45 STC Rating, Deduct	-1,434.45	
		For 48 STC Rating, Deduct	-759.42	
		For 52 STC Rating, Add	590.66	
		For 55 STC Rating, Add	1,603.21	
08 34 73 13-0013		Steel Acoustical Door Frames <small>(08 34 73 13-0001)</small>		
		Note: Includes threshold		
08 34 73 13-0014	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,929.67	114.31
		For 8' Height, Add	284.33	
		For 45 Minutes Fire Rated, Add	173.07	
		For 60 Minutes Fire Rated, Add	296.69	
		For 90 Minutes Fire Rated, Add	420.31	
		For 120 Minutes Fire Rated, Add	593.39	
08 34 73 13-0015	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	2,999.71	114.31
		For 8' Height, Add	292.39	
		For 45 Minutes Fire Rated, Add	177.97	
		For 60 Minutes Fire Rated, Add	305.10	
		For 90 Minutes Fire Rated, Add	432.22	
		For 120 Minutes Fire Rated, Add	610.20	
08 34 73 13-0016	EA	3' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,069.74	114.31
		For 8' Height, Add	300.44	
		For 45 Minutes Fire Rated, Add	182.88	
		For 60 Minutes Fire Rated, Add	313.50	
		For 90 Minutes Fire Rated, Add	444.13	
		For 120 Minutes Fire Rated, Add	627.00	
08 34 73 13-0017	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,139.78	114.31
		For 8' Height, Add	308.49	
		For 45 Minutes Fire Rated, Add	187.78	
		For 60 Minutes Fire Rated, Add	321.91	
		For 90 Minutes Fire Rated, Add	456.03	
		For 120 Minutes Fire Rated, Add	643.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0018 EA 3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,340.22	125.74
<i>For 8' Height, Add</i>	326.29	
<i>For 45 Minutes Fire Rated, Add</i>	198.61	
<i>For 60 Minutes Fire Rated, Add</i>	340.47	
<i>For 90 Minutes Fire Rated, Add</i>	482.34	
<i>For 120 Minutes Fire Rated, Add</i>	680.95	
08 34 73 13-0019 EA 3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,418.40	125.74
<i>For 8' Height, Add</i>	335.28	
<i>For 45 Minutes Fire Rated, Add</i>	204.08	
<i>For 60 Minutes Fire Rated, Add</i>	349.86	
<i>For 90 Minutes Fire Rated, Add</i>	495.63	
<i>For 120 Minutes Fire Rated, Add</i>	699.71	
08 34 73 13-0020 EA 3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,488.44	125.74
<i>For 8' Height, Add</i>	343.33	
<i>For 45 Minutes Fire Rated, Add</i>	208.99	
<i>For 60 Minutes Fire Rated, Add</i>	358.26	
<i>For 90 Minutes Fire Rated, Add</i>	507.54	
<i>For 120 Minutes Fire Rated, Add</i>	716.52	
08 34 73 13-0021 EA 3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame	3,575.30	125.74
<i>For 8' Height, Add</i>	353.32	
<i>For 45 Minutes Fire Rated, Add</i>	215.07	
<i>For 60 Minutes Fire Rated, Add</i>	368.68	
<i>For 90 Minutes Fire Rated, Add</i>	522.30	
<i>For 120 Minutes Fire Rated, Add</i>	737.37	
08 34 73 13-0022 EA 4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,745.84	131.45
<i>For 8' Height, Add</i>	370.30	
<i>For 45 Minutes Fire Rated, Add</i>	225.40	
<i>For 60 Minutes Fire Rated, Add</i>	386.40	
<i>For 90 Minutes Fire Rated, Add</i>	547.41	
<i>For 120 Minutes Fire Rated, Add</i>	772.81	
08 34 73 13-0023 EA 4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,815.88	131.45
<i>For 8' Height, Add</i>	378.36	
<i>For 45 Minutes Fire Rated, Add</i>	230.30	
<i>For 60 Minutes Fire Rated, Add</i>	394.81	
<i>For 90 Minutes Fire Rated, Add</i>	559.31	
<i>For 120 Minutes Fire Rated, Add</i>	789.62	
08 34 73 13-0024 EA 4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,885.92	131.45
<i>For 8' Height, Add</i>	386.41	
<i>For 45 Minutes Fire Rated, Add</i>	235.21	
<i>For 60 Minutes Fire Rated, Add</i>	403.21	
<i>For 90 Minutes Fire Rated, Add</i>	571.22	
<i>For 120 Minutes Fire Rated, Add</i>	806.43	
08 34 73 13-0025 EA 4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame.....	3,964.10	131.45
<i>For 8' Height, Add</i>	395.40	
<i>For 45 Minutes Fire Rated, Add</i>	240.68	
<i>For 60 Minutes Fire Rated, Add</i>	412.59	
<i>For 90 Minutes Fire Rated, Add</i>	584.51	
<i>For 120 Minutes Fire Rated, Add</i>	825.19	
08 34 73 13-0026 EA 6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,454.63	148.60
<i>For 8' Height, Add</i>	673.93	
<i>For 45 Minutes Fire Rated, Add</i>	410.22	
<i>For 60 Minutes Fire Rated, Add</i>	703.23	
<i>For 90 Minutes Fire Rated, Add</i>	996.24	
<i>For 120 Minutes Fire Rated, Add</i>	1,406.46	
08 34 73 13-0027 EA 6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,521.40	148.60
<i>For 8' Height, Add</i>	681.61	
<i>For 45 Minutes Fire Rated, Add</i>	414.89	
<i>For 60 Minutes Fire Rated, Add</i>	711.24	
<i>For 90 Minutes Fire Rated, Add</i>	1,007.59	
<i>For 120 Minutes Fire Rated, Add</i>	1,422.48	
08 34 73 13-0028 EA 6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,593.07	148.60
<i>For 8' Height, Add</i>	689.85	
<i>For 45 Minutes Fire Rated, Add</i>	419.91	
<i>For 60 Minutes Fire Rated, Add</i>	719.84	
<i>For 90 Minutes Fire Rated, Add</i>	1,019.78	
<i>For 120 Minutes Fire Rated, Add</i>	1,439.68	
08 34 73 13-0029 EA 6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,666.36	148.60
<i>For 8' Height, Add</i>	698.28	
<i>For 45 Minutes Fire Rated, Add</i>	425.04	
<i>For 60 Minutes Fire Rated, Add</i>	728.64	
<i>For 90 Minutes Fire Rated, Add</i>	1,032.23	
<i>For 120 Minutes Fire Rated, Add</i>	1,457.27	
08 34 73 13-0030 EA 7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,917.00	154.32
<i>For 8' Height, Add</i>	724.47	
<i>For 45 Minutes Fire Rated, Add</i>	440.98	
<i>For 60 Minutes Fire Rated, Add</i>	755.97	
<i>For 90 Minutes Fire Rated, Add</i>	1,070.96	
<i>For 120 Minutes Fire Rated, Add</i>	1,511.94	

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 34 73 13-0031	EA	7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	6,988.79	154.32
		<i>For 8' Height, Add</i>	732.73	
		<i>For 45 Minutes Fire Rated, Add</i>	446.01	
		<i>For 60 Minutes Fire Rated, Add</i>	764.58	
		<i>For 90 Minutes Fire Rated, Add</i>	1,083.16	
		<i>For 120 Minutes Fire Rated, Add</i>	1,529.17	
08 34 73 13-0032	EA	7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,065.83	154.32
		<i>For 8' Height, Add</i>	741.59	
		<i>For 45 Minutes Fire Rated, Add</i>	451.40	
		<i>For 60 Minutes Fire Rated, Add</i>	773.83	
		<i>For 90 Minutes Fire Rated, Add</i>	1,096.26	
		<i>For 120 Minutes Fire Rated, Add</i>	1,547.66	
08 34 73 13-0033	EA	7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 16 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,144.62	154.32
		<i>For 8' Height, Add</i>	750.65	
		<i>For 45 Minutes Fire Rated, Add</i>	456.92	
		<i>For 60 Minutes Fire Rated, Add</i>	783.28	
		<i>For 90 Minutes Fire Rated, Add</i>	1,109.65	
		<i>For 120 Minutes Fire Rated, Add</i>	1,566.57	
08 34 73 13-0034	EA	3' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,204.39	114.31
		<i>For 8' Height, Add</i>	315.92	
		<i>For 45 Minutes Fire Rated, Add</i>	192.30	
		<i>For 60 Minutes Fire Rated, Add</i>	329.66	
		<i>For 90 Minutes Fire Rated, Add</i>	467.02	
		<i>For 120 Minutes Fire Rated, Add</i>	659.32	
08 34 73 13-0035	EA	3' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,282.20	114.31
		<i>For 8' Height, Add</i>	324.87	
		<i>For 45 Minutes Fire Rated, Add</i>	197.75	
		<i>For 60 Minutes Fire Rated, Add</i>	339.00	
		<i>For 90 Minutes Fire Rated, Add</i>	480.24	
		<i>For 120 Minutes Fire Rated, Add</i>	677.99	
08 34 73 13-0036	EA	3' x 7', 10-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,360.02	114.31
		<i>For 8' Height, Add</i>	333.82	
		<i>For 45 Minutes Fire Rated, Add</i>	203.20	
		<i>For 60 Minutes Fire Rated, Add</i>	348.33	
		<i>For 90 Minutes Fire Rated, Add</i>	493.47	
		<i>For 120 Minutes Fire Rated, Add</i>	696.67	
08 34 73 13-0037	EA	3' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,437.84	114.31
		<i>For 8' Height, Add</i>	342.77	
		<i>For 45 Minutes Fire Rated, Add</i>	208.64	
		<i>For 60 Minutes Fire Rated, Add</i>	357.67	
		<i>For 90 Minutes Fire Rated, Add</i>	506.70	
		<i>For 120 Minutes Fire Rated, Add</i>	715.35	
08 34 73 13-0038	EA	3'-6" x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,655.47	125.74
		<i>For 8' Height, Add</i>	362.54	
		<i>For 45 Minutes Fire Rated, Add</i>	220.68	
		<i>For 60 Minutes Fire Rated, Add</i>	378.30	
		<i>For 90 Minutes Fire Rated, Add</i>	535.93	
		<i>For 120 Minutes Fire Rated, Add</i>	756.61	
08 34 73 13-0039	EA	3'-6" x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,742.34	125.74
		<i>For 8' Height, Add</i>	372.53	
		<i>For 45 Minutes Fire Rated, Add</i>	226.76	
		<i>For 60 Minutes Fire Rated, Add</i>	388.73	
		<i>For 90 Minutes Fire Rated, Add</i>	550.70	
		<i>For 120 Minutes Fire Rated, Add</i>	777.46	
08 34 73 13-0040	EA	3'-6" x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,820.16	125.74
		<i>For 8' Height, Add</i>	381.48	
		<i>For 45 Minutes Fire Rated, Add</i>	232.21	
		<i>For 60 Minutes Fire Rated, Add</i>	398.07	
		<i>For 90 Minutes Fire Rated, Add</i>	563.93	
		<i>For 120 Minutes Fire Rated, Add</i>	796.13	
08 34 73 13-0041	EA	3'-6" x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	3,916.68	125.74
		<i>For 8' Height, Add</i>	392.58	
		<i>For 45 Minutes Fire Rated, Add</i>	238.96	
		<i>For 60 Minutes Fire Rated, Add</i>	409.65	
		<i>For 90 Minutes Fire Rated, Add</i>	580.34	
		<i>For 120 Minutes Fire Rated, Add</i>	819.30	
08 34 73 13-0042	EA	4' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,103.63	131.45
		<i>For 8' Height, Add</i>	411.45	
		<i>For 45 Minutes Fire Rated, Add</i>	250.45	
		<i>For 60 Minutes Fire Rated, Add</i>	429.34	
		<i>For 90 Minutes Fire Rated, Add</i>	608.23	
		<i>For 120 Minutes Fire Rated, Add</i>	858.68	
08 34 73 13-0043	EA	4' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,181.44	131.45
		<i>For 8' Height, Add</i>	420.40	
		<i>For 45 Minutes Fire Rated, Add</i>	255.89	
		<i>For 60 Minutes Fire Rated, Add</i>	438.68	
		<i>For 90 Minutes Fire Rated, Add</i>	621.46	
		<i>For 120 Minutes Fire Rated, Add</i>	877.35	
08 34 73 13-0044	EA	4' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame	4,259.26	131.45
		<i>For 8' Height, Add</i>	429.35	
		<i>For 45 Minutes Fire Rated, Add</i>	261.34	
		<i>For 60 Minutes Fire Rated, Add</i>	448.01	
		<i>For 90 Minutes Fire Rated, Add</i>	634.69	
		<i>For 120 Minutes Fire Rated, Add</i>	896.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 13-0045 EA 4' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame.....	4,346.13	131.45
<i>For 8' Height, Add</i>	439.34	
<i>For 45 Minutes Fire Rated, Add</i>	267.42	
<i>For 60 Minutes Fire Rated, Add</i>	458.44	
<i>For 90 Minutes Fire Rated, Add</i>	649.45	
<i>For 120 Minutes Fire Rated, Add</i>	916.88	
08 34 73 13-0046 EA 6' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,105.76	148.60
<i>For 8' Height, Add</i>	748.81	
<i>For 45 Minutes Fire Rated, Add</i>	455.80	
<i>For 60 Minutes Fire Rated, Add</i>	781.36	
<i>For 90 Minutes Fire Rated, Add</i>	1,106.93	
<i>For 120 Minutes Fire Rated, Add</i>	1,562.73	
08 34 73 13-0047 EA 6' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,179.96	148.60
<i>For 8' Height, Add</i>	757.34	
<i>For 45 Minutes Fire Rated, Add</i>	460.99	
<i>For 60 Minutes Fire Rated, Add</i>	790.27	
<i>For 90 Minutes Fire Rated, Add</i>	1,119.55	
<i>For 120 Minutes Fire Rated, Add</i>	1,580.54	
08 34 73 13-0048 EA 6' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,259.59	148.60
<i>For 8' Height, Add</i>	766.50	
<i>For 45 Minutes Fire Rated, Add</i>	466.56	
<i>For 60 Minutes Fire Rated, Add</i>	799.82	
<i>For 90 Minutes Fire Rated, Add</i>	1,133.08	
<i>For 120 Minutes Fire Rated, Add</i>	1,599.65	
08 34 73 13-0049 EA 6' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,341.03	148.60
<i>For 8' Height, Add</i>	775.86	
<i>For 45 Minutes Fire Rated, Add</i>	472.26	
<i>For 60 Minutes Fire Rated, Add</i>	809.60	
<i>For 90 Minutes Fire Rated, Add</i>	1,146.93	
<i>For 120 Minutes Fire Rated, Add</i>	1,619.19	
08 34 73 13-0050 EA 7' x 7', 4-1/2" To 6-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,616.98	154.32
<i>For 8' Height, Add</i>	804.97	
<i>For 45 Minutes Fire Rated, Add</i>	489.98	
<i>For 60 Minutes Fire Rated, Add</i>	839.97	
<i>For 90 Minutes Fire Rated, Add</i>	1,189.95	
<i>For 120 Minutes Fire Rated, Add</i>	1,679.94	
08 34 73 13-0051 EA 7' x 7', 6-1/2" To 8-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,696.74	154.32
<i>For 8' Height, Add</i>	814.14	
<i>For 45 Minutes Fire Rated, Add</i>	495.56	
<i>For 60 Minutes Fire Rated, Add</i>	849.54	
<i>For 90 Minutes Fire Rated, Add</i>	1,203.51	
<i>For 120 Minutes Fire Rated, Add</i>	1,699.08	
08 34 73 13-0052 EA 7' x 7', 8-1/2" To 10-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,782.34	154.32
<i>For 8' Height, Add</i>	823.99	
<i>For 45 Minutes Fire Rated, Add</i>	501.56	
<i>For 60 Minutes Fire Rated, Add</i>	859.81	
<i>For 90 Minutes Fire Rated, Add</i>	1,218.07	
<i>For 120 Minutes Fire Rated, Add</i>	1,719.62	
08 34 73 13-0053 EA 7' x 7', 10-1/2" To 12-1/2" Wall Thickness, 14 Gauge, Split-Frame, Steel Acoustical Door Frame With Removable Center Mullion	7,869.88	154.32
<i>For 8' Height, Add</i>	834.05	
<i>For 45 Minutes Fire Rated, Add</i>	507.68	
<i>For 60 Minutes Fire Rated, Add</i>	870.32	
<i>For 90 Minutes Fire Rated, Add</i>	1,232.95	
<i>For 120 Minutes Fire Rated, Add</i>	1,740.63	

08 34 73 16 Wood Sound Control Door Assemblies (08 34 73)

08 34 73 16-0001	Wood Acoustical Door Assembly (08 34 73 16) Note: Includes prefinished wood door, frame, hinges and seals. Excludes hardware: locksets, closer, electromagnetic release, etc.		
08 34 73 16-0002 EA	3' x 7' x 1-3/4" Thick, STC 27, Wood Acoustical Door System (Unrated)	2,616.06	320.05
	<i>Note: Includes the prefinished door, frame, hinges and seals.</i>		
	<i>For 20 Minutes Fire Rated, Add</i>	50.00	
	<i>For 45 Minutes Fire Rated, Add</i>	80.00	
	<i>For 60 Minutes Fire Rated, Add</i>	115.00	
	<i>For 90 Minutes Fire Rated, Add</i>	145.00	
08 34 73 16-0003 EA	3' x 7' x 1-3/4" Thick, STC 29, Wood Acoustical Door System (Unrated)	2,820.47	320.05
	<i>Note: Includes the prefinished door, frame, hinges and seals.</i>		
	<i>For 20 Minutes Fire Rated, Add</i>	50.00	
	<i>For 45 Minutes Fire Rated, Add</i>	80.00	
	<i>For 60 Minutes Fire Rated, Add</i>	115.00	
	<i>For 90 Minutes Fire Rated, Add</i>	145.00	
08 34 73 16-0004 EA	3' x 7' x 1-3/4" Thick, STC 30, Wood Acoustical Door System (Unrated)	2,934.03	320.05
	<i>Note: Includes the prefinished door, frame, hinges and seals.</i>		
	<i>For 20 Minutes Fire Rated, Add</i>	50.00	
	<i>For 45 Minutes Fire Rated, Add</i>	80.00	
	<i>For 60 Minutes Fire Rated, Add</i>	115.00	
	<i>For 90 Minutes Fire Rated, Add</i>	145.00	

08 Openings**08 30 Specialty Doors and Frames****08 34 Special Function Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 34 73 16-0005	EA		3' x 7' x 1-3/4" Thick, STC 31, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	3,047.59	320.05
			<i>For 20 Minutes Fire Rated, Add</i>	50.00	
			<i>For 45 Minutes Fire Rated, Add</i>	80.00	
			<i>For 60 Minutes Fire Rated, Add</i>	115.00	
			<i>For 90 Minutes Fire Rated, Add</i>	145.00	
08 34 73 16-0006	EA		3' x 7' x 1-3/4" Thick, STC 36, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	3,547.26	320.05
			<i>For 20 Minutes Fire Rated, Add</i>	50.00	
			<i>For 45 Minutes Fire Rated, Add</i>	80.00	
			<i>For 60 Minutes Fire Rated, Add</i>	115.00	
			<i>For 90 Minutes Fire Rated, Add</i>	145.00	
08 34 73 16-0007	EA		3' x 7' x 1-3/4" Thick, STC 40, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	4,637.43	320.05
08 34 73 16-0008	EA		3' x 7' x 1-3/4" Thick, STC 42, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	4,848.65	320.05
			<i>For 20 Minutes Fire Rated, Add</i>	50.00	
			<i>For 45 Minutes Fire Rated, Add</i>	80.00	
			<i>For 60 Minutes Fire Rated, Add</i>	115.00	
			<i>For 90 Minutes Fire Rated, Add</i>	145.00	
08 34 73 16-0009	EA		3' x 7' x 1-3/4" Thick, STC 46, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	5,693.54	320.05
			<i>For 20 Minutes Fire Rated, Add</i>	50.00	
			<i>For 45 Minutes Fire Rated, Add</i>	80.00	
			<i>For 60 Minutes Fire Rated, Add</i>	115.00	
			<i>For 90 Minutes Fire Rated, Add</i>	145.00	
08 34 73 16-0010	EA		3' x 7' x 1-3/4" Thick, STC 49, Wood Acoustical Door System (Unrated) Note: Includes the prefinished door, frame, hinges and seals.	6,323.80	320.05

08 36 Panel Doors

(08 30)

08 36 13 Sectional Doors

(08 36)

Note: Excludes lifting equipment (forklift or scissor lift) where required. See CSI section 01 22 23 00-0984 for forklift.

08 36 13 00-0001			Sectional Wood Overhead Doors (Width x Height) (08 36 13)		
08 36 13 00-0002			Wood Sectional Overhead Doors (08 36 13 00-0001) Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0003	EA		8' x 8', Wood Sectional Door, Manual Lift	2,608.18	457.23
08 36 13 00-0004	EA		10' x 10', Wood Sectional Door, Manual Lift	3,212.67	507.51
08 36 13 00-0005	EA		12' x 12', Wood Sectional Door, Manual Lift	4,078.93	608.11
08 36 13 00-0006	EA		14' x 14', Wood Sectional Door, Manual Lift	5,790.38	704.13
08 36 13 00-0007	EA		12' x 16', Wood Sectional Door, Manual Lift	6,304.21	914.45
08 36 13 00-0008	EA		20' x 8', Wood Sectional Door, Manual Lift	6,142.30	1,143.06
08 36 13 00-0009	EA		20' x 16', Wood Sectional Door, Manual Lift	10,928.17	1,523.70
08 36 13 00-0010			Residential Grade, Wood Sectional Overhead Doors (08 36 13 00-0001) Note: Includes 1-3/4" door, tracks and hardware. Excludes frame.		
08 36 13 00-0011	EA		9' x 7', Residential Grade, Wood Sectional Door, Manual Lift..... <i>For Hardboard Face, Add</i> <i>For Insulation, Add</i> <i>For Motor Operator With Remote Controls, Add</i> <i>For Each Glass Vision Panel In Door, Add</i>	1,342.64 115.00 117.00 458.63 50.00	228.61
08 36 13 00-0012	EA		16' x 7', Residential Grade, Wood Sectional Door, Manual Lift..... <i>For Hardboard Face, Add</i> <i>For Insulation, Add</i> <i>For Motor Operator With Remote Controls, Add</i> <i>For Each Glass Vision Panel In Door, Add</i>	2,067.13 115.00 117.00 492.61 50.00	228.61
08 36 13 00-0013			Sectional Metal Overhead Doors (Width x Height) (08 36 13) Note: Includes tracks and all hardware.		
08 36 13 00-0014			Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)		
08 36 13 00-0015			Non-Insulated, 24 Gauge Galvanized Steel Sectional Doors (08 36 13 00-0014) Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0016	EA		8' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	1,803.58 145.50 250.86 114.39 320.10	400.07
08 36 13 00-0017	EA		8' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,125.83 175.65 302.85 138.10 386.43	457.23
08 36 13 00-0018	EA		8' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift..... <i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i> <i>For Aluminum, Mill Finish, Add</i> <i>For Aluminum, Anodized Finish, Add</i>	2,624.14 214.76 370.27 168.84 472.46	571.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0019 EA 10' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,033.22	457.23
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	162.22	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	279.69	
<i>For Aluminum, Mill Finish, Add</i>	127.54	
<i>For Aluminum, Anodized Finish, Add</i>	356.89	
08 36 13 00-0020 EA 10' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,505.54	571.53
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	197.56	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	340.62	
<i>For Aluminum, Mill Finish, Add</i>	155.32	
<i>For Aluminum, Anodized Finish, Add</i>	434.63	
08 36 13 00-0021 EA 10' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,152.27	742.99
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	241.61	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	416.58	
<i>For Aluminum, Mill Finish, Add</i>	189.96	
<i>For Aluminum, Anodized Finish, Add</i>	531.55	
08 36 13 00-0022 EA 10' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,725.92	914.45
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	275.07	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	474.26	
<i>For Aluminum, Mill Finish, Add</i>	216.26	
<i>For Aluminum, Anodized Finish, Add</i>	605.15	
08 36 13 00-0023 EA 12' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,427.57	571.53
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	186.25	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	321.13	
<i>For Aluminum, Mill Finish, Add</i>	146.43	
<i>For Aluminum, Anodized Finish, Add</i>	409.76	
08 36 13 00-0024 EA 12' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,035.30	742.99
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	224.65	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	387.33	
<i>For Aluminum, Mill Finish, Add</i>	176.62	
<i>For Aluminum, Anodized Finish, Add</i>	494.24	
08 36 13 00-0025 EA 12' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,704.78	914.45
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	272.00	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	468.97	
<i>For Aluminum, Mill Finish, Add</i>	213.85	
<i>For Aluminum, Anodized Finish, Add</i>	598.41	
08 36 13 00-0026 EA 12' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,371.03	1,085.90
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	318.89	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	549.81	
<i>For Aluminum, Mill Finish, Add</i>	250.71	
<i>For Aluminum, Anodized Finish, Add</i>	701.55	
08 36 13 00-0027 EA 12' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,216.56	1,314.52
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	375.19	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	646.88	
<i>For Aluminum, Mill Finish, Add</i>	294.98	
<i>For Aluminum, Anodized Finish, Add</i>	825.42	
08 36 13 00-0028 EA 14' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	2,880.96	742.99
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	202.27	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	348.75	
<i>For Aluminum, Mill Finish, Add</i>	159.03	
<i>For Aluminum, Anodized Finish, Add</i>	445.00	
08 36 13 00-0029 EA 14' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,543.94	914.45
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	248.68	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	428.76	
<i>For Aluminum, Mill Finish, Add</i>	195.52	
<i>For Aluminum, Anodized Finish, Add</i>	547.10	
08 36 13 00-0030 EA 14' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,373.22	1,143.06
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	302.63	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	521.78	
<i>For Aluminum, Mill Finish, Add</i>	237.93	
<i>For Aluminum, Anodized Finish, Add</i>	665.78	
08 36 13 00-0031 EA 14' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,042.71	1,314.52
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	349.98	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	603.42	
<i>For Aluminum, Mill Finish, Add</i>	275.16	
<i>For Aluminum, Anodized Finish, Add</i>	769.96	
08 36 13 00-0032 EA 14' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,798.30	1,485.97
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	409.82	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	706.59	
<i>For Aluminum, Mill Finish, Add</i>	322.20	
<i>For Aluminum, Anodized Finish, Add</i>	901.61	
08 36 13 00-0033 EA 16' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,487.07	914.45
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	240.44	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	414.55	
<i>For Aluminum, Mill Finish, Add</i>	189.03	
<i>For Aluminum, Anodized Finish, Add</i>	528.96	
08 36 13 00-0034 EA 16' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,313.10	1,143.06
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	293.91	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	506.75	
<i>For Aluminum, Mill Finish, Add</i>	231.08	
<i>For Aluminum, Anodized Finish, Add</i>	646.61	
08 36 13 00-0035 EA 16' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,073.56	1,314.52
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	354.46	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	611.13	
<i>For Aluminum, Mill Finish, Add</i>	278.68	
<i>For Aluminum, Anodized Finish, Add</i>	779.81	

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0036	EA		16' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,042.01	1,485.97
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	445.16	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	767.52	
			<i>For Aluminum, Mill Finish, Add</i>	349.99	
			<i>For Aluminum, Anodized Finish, Add</i>	979.35	
08 36 13 00-0037	EA		16' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,037.03	1,714.59
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	523.14	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	901.96	
			<i>For Aluminum, Mill Finish, Add</i>	411.29	
			<i>For Aluminum, Anodized Finish, Add</i>	1,150.90	
08 36 13 00-0038	EA		18' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,438.23	1,143.06
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	312.06	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	538.03	
			<i>For Aluminum, Mill Finish, Add</i>	245.34	
			<i>For Aluminum, Anodized Finish, Add</i>	686.52	
08 36 13 00-0039	EA		18' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,297.79	1,314.52
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	386.97	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	667.19	
			<i>For Aluminum, Mill Finish, Add</i>	304.24	
			<i>For Aluminum, Anodized Finish, Add</i>	851.33	
08 36 13 00-0040	EA		18' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,399.44	1,485.97
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	496.99	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	856.87	
			<i>For Aluminum, Mill Finish, Add</i>	390.73	
			<i>For Aluminum, Anodized Finish, Add</i>	1,093.37	
08 36 13 00-0041	EA		18' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,396.09	1,714.59
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	575.20	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	991.72	
			<i>For Aluminum, Mill Finish, Add</i>	452.23	
			<i>For Aluminum, Anodized Finish, Add</i>	1,265.44	
08 36 13 00-0042	EA		18' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,493.46	1,943.20
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	668.02	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,151.76	
			<i>For Aluminum, Mill Finish, Add</i>	525.20	
			<i>For Aluminum, Anodized Finish, Add</i>	1,469.65	
08 36 13 00-0043	EA		20' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,042.71	1,314.52
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	349.98	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	603.42	
			<i>For Aluminum, Mill Finish, Add</i>	275.16	
			<i>For Aluminum, Anodized Finish, Add</i>	769.96	
08 36 13 00-0044	EA		20' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,902.29	1,485.97
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	424.90	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	732.59	
			<i>For Aluminum, Mill Finish, Add</i>	334.06	
			<i>For Aluminum, Anodized Finish, Add</i>	934.78	
08 36 13 00-0045	EA		20' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,271.00	1,714.59
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	557.06	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	960.45	
			<i>For Aluminum, Mill Finish, Add</i>	437.97	
			<i>For Aluminum, Anodized Finish, Add</i>	1,225.53	
08 36 13 00-0046	EA		20' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,267.62	1,943.20
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	635.27	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,095.30	
			<i>For Aluminum, Mill Finish, Add</i>	499.46	
			<i>For Aluminum, Anodized Finish, Add</i>	1,397.60	
08 36 13 00-0047	EA		20' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,183.85	2,171.82
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	846.83	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,460.05	
			<i>For Aluminum, Mill Finish, Add</i>	665.78	
			<i>For Aluminum, Anodized Finish, Add</i>	1,863.02	
08 36 13 00-0048	EA		22' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,616.33	1,485.97
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	383.44	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	661.10	
			<i>For Aluminum, Mill Finish, Add</i>	301.46	
			<i>For Aluminum, Anodized Finish, Add</i>	843.56	
08 36 13 00-0049	EA		22' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,921.69	1,714.59
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	506.41	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	873.12	
			<i>For Aluminum, Mill Finish, Add</i>	398.14	
			<i>For Aluminum, Anodized Finish, Add</i>	1,114.10	
08 36 13 00-0050	EA		22' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,194.51	1,943.20
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	624.67	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,077.02	
			<i>For Aluminum, Mill Finish, Add</i>	491.12	
			<i>For Aluminum, Anodized Finish, Add</i>	1,374.28	
08 36 13 00-0051	EA		22' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,659.07	2,171.82
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	770.73	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,328.85	
			<i>For Aluminum, Mill Finish, Add</i>	605.96	
			<i>For Aluminum, Anodized Finish, Add</i>	1,695.62	
08 36 13 00-0052	EA		22' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,887.98	2,400.43
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	882.64	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,521.79	
			<i>For Aluminum, Mill Finish, Add</i>	693.94	
			<i>For Aluminum, Anodized Finish, Add</i>	1,941.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0053 EA 24' x 8', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,231.19	1,714.59
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	406.29	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	700.50	
<i>For Aluminum, Mill Finish, Add</i>	319.43	
<i>For Aluminum, Anodized Finish, Add</i>	893.83	
08 36 13 00-0054 EA 24' x 10', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,586.86	1,943.20
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	536.56	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	925.11	
<i>For Aluminum, Mill Finish, Add</i>	421.85	
<i>For Aluminum, Anodized Finish, Add</i>	1,180.44	
08 36 13 00-0055 EA 24' x 12', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,223.65	2,171.82
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	707.60	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,220.00	
<i>For Aluminum, Mill Finish, Add</i>	556.32	
<i>For Aluminum, Anodized Finish, Add</i>	1,556.72	
08 36 13 00-0056 EA 24' x 14', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,569.59	2,400.43
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	798.77	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,377.19	
<i>For Aluminum, Mill Finish, Add</i>	628.00	
<i>For Aluminum, Anodized Finish, Add</i>	1,757.29	
08 36 13 00-0057 EA 24' x 16', Non-Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,567.80	2,629.03
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	914.91	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,577.44	
<i>For Aluminum, Mill Finish, Add</i>	719.31	
<i>For Aluminum, Anodized Finish, Add</i>	2,012.81	
08 36 13 00-0058 Insulated, 24 Gauge Galvanized Steel Sectional Doors <small>(08 36 13 00-0014)</small>		
Note: Includes 2" door with polystyrene insulation, 26 gauge interior cover, tracks and hardware. Excludes frame.		
08 36 13 00-0059 EA 8' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,281.70	400.07
<i>For Aluminum, Mill Finish, Add</i>	168.90	
<i>For Aluminum, Anodized Finish, Add</i>	472.62	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	185.20	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	370.39	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	963.01	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,851.95	
08 36 13 00-0060 EA 8' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,719.29	457.23
<i>For Aluminum, Mill Finish, Add</i>	205.75	
<i>For Aluminum, Anodized Finish, Add</i>	575.74	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	225.61	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	451.21	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,173.15	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,256.05	
08 36 13 00-0061 EA 8' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,340.09	571.53
<i>For Aluminum, Mill Finish, Add</i>	250.46	
<i>For Aluminum, Anodized Finish, Add</i>	700.85	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	274.63	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	549.26	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,428.07	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,746.29	
08 36 13 00-0062 EA 10' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	2,653.39	457.23
<i>For Aluminum, Mill Finish, Add</i>	198.24	
<i>For Aluminum, Anodized Finish, Add</i>	554.72	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	217.37	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	434.74	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,130.31	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,173.68	
08 36 13 00-0063 EA 10' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,258.90	571.53
<i>For Aluminum, Mill Finish, Add</i>	241.21	
<i>For Aluminum, Anodized Finish, Add</i>	674.95	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	264.48	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	528.96	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,375.30	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,644.80	
08 36 13 00-0064 EA 10' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,142.62	742.99
<i>For Aluminum, Mill Finish, Add</i>	302.86	
<i>For Aluminum, Anodized Finish, Add</i>	847.47	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	332.08	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	664.16	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,726.82	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,320.81	
08 36 13 00-0065 EA 10' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	4,807.29	914.45
<i>For Aluminum, Mill Finish, Add</i>	339.54	
<i>For Aluminum, Anodized Finish, Add</i>	950.11	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	372.30	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	744.60	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,935.96	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,723.00	
08 36 13 00-0066 EA 12' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	3,134.81	571.53
<i>For Aluminum, Mill Finish, Add</i>	227.06	
<i>For Aluminum, Anodized Finish, Add</i>	635.37	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	248.97	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	497.94	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,294.64	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,489.69	

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 36 13 00-0067	EA	12' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,908.23	742.99
		<i>For Aluminum, Mill Finish, Add</i>	276.14	
		<i>For Aluminum, Anodized Finish, Add</i>	772.70	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	302.78	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	605.57	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,574.47	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,027.83	
08 36 13 00-0068	EA	12' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,765.93	914.45
		<i>For Aluminum, Mill Finish, Add</i>	334.82	
		<i>For Aluminum, Anodized Finish, Add</i>	936.92	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	367.13	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	734.26	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,909.08	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,671.30	
08 36 13 00-0069	EA	12' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,573.06	1,085.90
		<i>For Aluminum, Mill Finish, Add</i>	387.74	
		<i>For Aluminum, Anodized Finish, Add</i>	1,085.00	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	425.16	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	850.31	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,210.81	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,251.56	
08 36 13 00-0070	EA	12' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,765.68	1,314.52
		<i>For Aluminum, Mill Finish, Add</i>	471.58	
		<i>For Aluminum, Anodized Finish, Add</i>	1,319.59	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	517.08	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,034.16	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,688.82	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,170.81	
08 36 13 00-0071	EA	14' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	3,725.91	742.99
		<i>For Aluminum, Mill Finish, Add</i>	255.35	
		<i>For Aluminum, Anodized Finish, Add</i>	714.54	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	279.99	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	559.99	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,455.96	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,799.93	
08 36 13 00-0072	EA	14' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,620.38	914.45
		<i>For Aluminum, Mill Finish, Add</i>	318.23	
		<i>For Aluminum, Anodized Finish, Add</i>	890.49	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	348.94	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	697.87	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,814.47	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,489.36	
08 36 13 00-0073	EA	14' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,621.50	1,143.06
		<i>For Aluminum, Mill Finish, Add</i>	380.23	
		<i>For Aluminum, Anodized Finish, Add</i>	1,063.99	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	416.92	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	833.85	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,168.00	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,169.23	
08 36 13 00-0074	EA	14' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,624.72	1,314.52
		<i>For Aluminum, Mill Finish, Add</i>	455.51	
		<i>For Aluminum, Anodized Finish, Add</i>	1,274.63	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	499.46	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	998.92	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,597.20	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,994.61	
08 36 13 00-0075	EA	14' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,603.46	1,485.97
		<i>For Aluminum, Mill Finish, Add</i>	527.99	
		<i>For Aluminum, Anodized Finish, Add</i>	1,477.45	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	578.94	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,157.88	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,010.48	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,789.39	
08 36 13 00-0076	EA	16' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	4,462.58	914.45
		<i>For Aluminum, Mill Finish, Add</i>	300.24	
		<i>For Aluminum, Anodized Finish, Add</i>	840.15	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	329.21	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	658.42	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,711.90	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,292.11	
08 36 13 00-0077	EA	16' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	5,744.07	1,143.06
		<i>For Aluminum, Mill Finish, Add</i>	394.21	
		<i>For Aluminum, Anodized Finish, Add</i>	1,103.09	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	432.24	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	864.49	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,247.67	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,322.44	
08 36 13 00-0078	EA	16' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,707.46	1,314.52
		<i>For Aluminum, Mill Finish, Add</i>	464.94	
		<i>For Aluminum, Anodized Finish, Add</i>	1,301.02	
		<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	509.80	
		<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,019.61	
		<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,650.98	
		<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,098.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0079 EA 16' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,676.98	1,485.97
<i>For Aluminum, Mill Finish, Add</i>	536.37	
<i>For Aluminum, Anodized Finish, Add</i>	1,500.90	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	588.13	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,176.26	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,058.27	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,881.29	
08 36 13 00-0080 EA 16' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,078.00	1,714.59
<i>For Aluminum, Mill Finish, Add</i>	643.96	
<i>For Aluminum, Anodized Finish, Add</i>	1,801.97	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	706.10	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,412.20	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,671.72	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,061.00	
08 36 13 00-0081 EA 18' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	5,149.61	1,143.06
<i>For Aluminum, Mill Finish, Add</i>	326.44	
<i>For Aluminum, Anodized Finish, Add</i>	913.45	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	357.94	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	715.87	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,861.27	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,579.36	
08 36 13 00-0082 EA 18' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,381.12	1,314.52
<i>For Aluminum, Mill Finish, Add</i>	427.74	
<i>For Aluminum, Anodized Finish, Add</i>	1,196.92	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	469.01	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	938.02	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,438.86	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,690.11	
08 36 13 00-0083 EA 18' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,407.33	1,485.97
<i>For Aluminum, Mill Finish, Add</i>	505.63	
<i>For Aluminum, Anodized Finish, Add</i>	1,414.89	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	554.42	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,108.85	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,883.00	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,544.23	
08 36 13 00-0084 EA 18' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,234.27	1,714.59
<i>For Aluminum, Mill Finish, Add</i>	661.78	
<i>For Aluminum, Anodized Finish, Add</i>	1,851.82	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	725.63	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,451.27	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,773.30	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,256.34	
08 36 13 00-0085 EA 18' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,118.94	1,943.20
<i>For Aluminum, Mill Finish, Add</i>	710.51	
<i>For Aluminum, Anodized Finish, Add</i>	1,988.17	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	779.07	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,558.13	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,051.14	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,790.65	
08 36 13 00-0086 EA 20' x 8', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	6,352.01	1,314.52
<i>For Aluminum, Mill Finish, Add</i>	424.42	
<i>For Aluminum, Anodized Finish, Add</i>	1,187.63	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	465.37	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	930.75	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,419.94	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,653.73	
08 36 13 00-0087 EA 20' x 10', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	7,474.77	1,485.97
<i>For Aluminum, Mill Finish, Add</i>	513.32	
<i>For Aluminum, Anodized Finish, Add</i>	1,436.40	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	562.85	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,125.71	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,926.83	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,628.53	
08 36 13 00-0088 EA 20' x 12', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	9,548.33	1,714.59
<i>For Aluminum, Mill Finish, Add</i>	697.58	
<i>For Aluminum, Anodized Finish, Add</i>	1,952.00	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	764.89	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,529.78	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,977.43	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,648.91	
08 36 13 00-0089 EA 20' x 14', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	10,399.30	1,943.20
<i>For Aluminum, Mill Finish, Add</i>	742.47	
<i>For Aluminum, Anodized Finish, Add</i>	2,077.61	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	814.11	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,628.22	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,233.37	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	8,141.10	
08 36 13 00-0090 EA 20' x 16', Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift	12,077.61	2,171.82
<i>For Aluminum, Mill Finish, Add</i>	881.67	
<i>For Aluminum, Anodized Finish, Add</i>	2,467.13	
<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	966.74	
<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,933.49	
<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,027.07	
<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	9,667.44	

08 Openings**08 30 Specialty Doors and Frames****08 36 Panel Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0091	EA	22' x 8'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	6,970.70	1,485.97
			<i>For Aluminum, Mill Finish, Add</i>	455.86	
			<i>For Aluminum, Anodized Finish, Add</i>	1,275.60	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	499.84	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	999.69	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,599.19	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,998.44	
08 36 13 00-0092	EA	22' x 10'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	8,613.78	1,714.59
			<i>For Aluminum, Mill Finish, Add</i>	591.04	
			<i>For Aluminum, Anodized Finish, Add</i>	1,653.88	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	648.07	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,296.15	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,369.98	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	6,480.73	
08 36 13 00-0093	EA	22' x 12'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	10,230.79	1,943.20
			<i>For Aluminum, Mill Finish, Add</i>	723.26	
			<i>For Aluminum, Anodized Finish, Add</i>	2,023.85	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	793.05	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,586.09	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,123.84	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,930.46	
08 36 13 00-0094	EA	22' x 14'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,496.95	2,171.82
			<i>For Aluminum, Mill Finish, Add</i>	815.48	
			<i>For Aluminum, Anodized Finish, Add</i>	2,281.90	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	894.16	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,788.32	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,649.64	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	8,941.61	
08 36 13 00-0095	EA	22' x 16'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	13,113.90	2,400.43
			<i>For Aluminum, Mill Finish, Add</i>	947.69	
			<i>For Aluminum, Anodized Finish, Add</i>	2,651.87	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,039.13	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,078.27	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,403.50	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	10,391.34	
08 36 13 00-0096	EA	24' x 8'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	7,766.54	1,714.59
			<i>For Aluminum, Mill Finish, Add</i>	494.46	
			<i>For Aluminum, Anodized Finish, Add</i>	1,383.61	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	542.17	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,084.34	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,819.27	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,421.68	
08 36 13 00-0097	EA	24' x 10'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	9,579.66	1,943.20
			<i>For Aluminum, Mill Finish, Add</i>	649.03	
			<i>For Aluminum, Anodized Finish, Add</i>	1,816.14	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	711.66	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,423.31	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	3,700.61	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	7,116.55	
08 36 13 00-0098	EA	24' x 12'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	11,109.35	2,171.82
			<i>For Aluminum, Mill Finish, Add</i>	771.29	
			<i>For Aluminum, Anodized Finish, Add</i>	2,158.26	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	845.71	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,691.42	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	4,397.70	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	8,457.11	
08 36 13 00-0099	EA	24' x 14'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	12,729.37	2,400.43
			<i>For Aluminum, Mill Finish, Add</i>	903.85	
			<i>For Aluminum, Anodized Finish, Add</i>	2,529.20	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	991.07	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,982.14	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,153.55	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	9,910.68	
08 36 13 00-0100	EA	24' x 16'	Insulated, 24 Gauge Galvanized Steel Sectional Door, Manual Lift.....	14,323.39	2,629.03
			<i>For Aluminum, Mill Finish, Add</i>	1,033.45	
			<i>For Aluminum, Anodized Finish, Add</i>	2,891.84	
			<i>For 22 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	1,133.17	
			<i>For 20 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	2,266.33	
			<i>For 18 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	5,892.46	
			<i>For 16 Gauge Steel Ribbed, Heavy Duty Door, Add</i>	11,331.66	
08 36 13 00-0101			Residential Grade, Galvanized Steel Sectional Overhead Doors (08 36 13 00-0013)		
			Note: Includes track and hardware. Excludes frame.		
08 36 13 00-0102	EA	9' x 7'	Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	1,051.11	228.61
			<i>For Aluminum And Fiberglass, Add</i>	148.67	
			<i>For Each Glass Vision Panel In Door, Add</i>	50.00	
			<i>For Insulated Door, Add</i>	172.65	
08 36 13 00-0103	EA	9' x 8'	Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	1,137.18	228.61
			<i>For Aluminum And Fiberglass, Add</i>	175.35	
			<i>For Each Glass Vision Panel In Door, Add</i>	50.00	
			<i>For Insulated Door, Add</i>	203.63	
08 36 13 00-0104	EA	16' x 7'	Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift.....	1,445.54	261.53
			<i>For Aluminum And Fiberglass, Add</i>	245.86	
			<i>For Each Glass Vision Panel In Door, Add</i>	50.00	
			<i>For Insulated Door, Add</i>	285.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36 13 00-0105 EA 16' x 8', Non-Insulated, 25 Gauge Residential Grade Galvanized Steel Sectional Door, Manual Lift..... <i>For Aluminum And Fiberglass, Add</i> <i>For Each Glass Vision Panel In Door, Add</i> <i>For Insulated Door, Add</i>	1,580.78 287.79 50.00 334.21	261.53
08 36 13 00-0106 Removal And Reinstallation Of Sectional Metal Overhead Doors And Supports <small>(08 36 13 00-0103)</small> Note: Includes storage, cleaning and supply materials.		
08 36 13 00-0107 SF Removal And Reinstallation Of Sectional Metal Overhead Door And Supports	16.45	
08 36 13 00-0108 Sectional Fiberglass Overhead Doors (Width x Height) <small>(08 36 13)</small>		
08 36 13 00-0109 Fiberglass Sectional Overhead Doors <small>(08 36 13 00-0108)</small>		
08 36 13 00-0110 Non-Insulated, Fiberglass Sectional Doors <small>(08 36 13 00-0109)</small> Note: Includes 2" door, tracks and hardware. Excludes frame.		
08 36 13 00-0111 EA 8' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,281.36	400.07
08 36 13 00-0112 EA 8' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,700.08	457.23
08 36 13 00-0113 EA 8' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,208.84	571.53
08 36 13 00-0114 EA 10' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	2,670.85	457.23
08 36 13 00-0115 EA 10' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,172.40	514.38
08 36 13 00-0116 EA 10' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,989.12	714.42
08 36 13 00-0117 EA 10' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	4,810.05	914.45
08 36 13 00-0118 EA 12' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,167.43	571.53
08 36 13 00-0119 EA 12' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,972.07	714.42
08 36 13 00-0120 EA 12' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	4,766.63	857.30
08 36 13 00-0121 EA 12' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	5,845.20	1,143.06
08 36 13 00-0122 EA 12' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	6,815.56	1,371.68
08 36 13 00-0123 EA 14' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	3,892.36	800.14
08 36 13 00-0124 EA 14' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	4,707.73	914.45
08 36 13 00-0125 EA 14' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	5,757.51	1,143.06
08 36 13 00-0126 EA 14' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	6,805.82	1,371.68
08 36 13 00-0127 EA 14' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	7,628.28	1,485.97
08 36 13 00-0128 EA 16' x 8', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	4,422.71	914.45
08 36 13 00-0129 EA 16' x 10', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	5,294.86	1,028.75
08 36 13 00-0130 EA 16' x 12', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	6,410.80	1,257.37
08 36 13 00-0131 EA 16' x 14', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	7,513.78	1,485.97
08 36 13 00-0132 EA 16' x 16', Non-Insulated, Fiberglass Sectional Door, Manual Lift.....	8,388.86	1,600.28
08 36 13 00-0133 Insulated, Fiberglass Sectional Doors <small>(08 36 13 00-0109)</small> Note: Includes 2" door with polystyrene insulation, tracks and hardware. Excludes frame.		
08 36 13 00-0134 EA 8' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	2,770.14	400.07
08 36 13 00-0135 EA 8' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,289.34	457.23
08 36 13 00-0136 EA 8' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,890.55	571.53
08 36 13 00-0137 EA 10' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,250.46	457.23
08 36 13 00-0138 EA 10' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,879.83	514.38
08 36 13 00-0139 EA 10' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,834.02	714.42
08 36 13 00-0140 EA 10' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,794.02	914.45
08 36 13 00-0141 EA 12' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	3,835.47	571.53
08 36 13 00-0142 EA 12' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,811.34	714.42
08 36 13 00-0143 EA 12' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,773.92	857.30
08 36 13 00-0144 EA 12' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,019.70	1,143.06
08 36 13 00-0145 EA 12' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,159.68	1,371.68
08 36 13 00-0146 EA 14' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	4,648.83	800.14
08 36 13 00-0147 EA 14' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,657.94	914.45
08 36 13 00-0148 EA 14' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,903.06	1,143.06
08 36 13 00-0149 EA 14' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	8,146.72	1,371.68
08 36 13 00-0150 EA 14' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,165.33	1,485.97
08 36 13 00-0151 EA 16' x 8', Insulated, Fiberglass Sectional Door, Manual Lift.....	5,278.87	914.45
08 36 13 00-0152 EA 16' x 10', Insulated, Fiberglass Sectional Door, Manual Lift.....	6,363.25	1,028.75
08 36 13 00-0153 EA 16' x 12', Insulated, Fiberglass Sectional Door, Manual Lift.....	7,696.24	1,257.37
08 36 13 00-0154 EA 16' x 14', Insulated, Fiberglass Sectional Door, Manual Lift.....	9,013.05	1,485.97
08 36 13 00-0155 EA 16' x 16', Insulated, Fiberglass Sectional Door, Manual Lift.....	10,101.16	1,600.28
08 36 13 00-0156 Sectional Overhead Door Accessories <small>(08 36 13)</small>		
08 36 13 00-0157 Sectional Overhead Door Accessories <small>(08 36 13 00-0156)</small>		
08 36 13 00-0158 LF Flap Seal For Sectional Overhead Doors	4.32	
08 36 13 00-0159 LF Weather Seal At Top Of Door For Sectional Overhead Doors.....	6.28	
08 36 13 00-0160 LF Astragal Only, Weather Strip At Bottom Of Door For Sectional Overhead Doors.....	3.47	
08 36 13 00-0161 EA Cylinder Lock For Sectional Overhead Doors.....	381.53	
08 36 13 00-0162 EA Manual Chain Hoist For Sectional Overhead Doors	582.60	
08 36 13 00-0163 EA 3/4 HP, Electric Chain Lift Operator For Sectional Overhead Doors..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	2,564.82	
08 36 13 00-0164 EA 1/2 HP Trolley Operator For Sectional Overhead Doors..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,069.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 36	13 00-0165	EA	3/4 HP Trolley Operator For Sectional Overhead Doors..... Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.	1,354.50	
			<i>For Door Height >12'. Add</i>	10.00	
			<i>Note: Includes motor, supports, push button operator, stationary electronic eye, signal wiring from eye to motor and motor to operator.</i>		
08 36	13 00-0166	SF	Up To 2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	37.27	
08 36	13 00-0167	SF	>2 SF Per Window 1/8" Double Strength Glass (DSB) Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	23.24	
08 36	13 00-0168	SF	Up To 2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	38.96	
08 36	13 00-0169	SF	>2 SF Per Window 1/8" Plexiglas Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	26.56	
08 36	13 00-0170	SF	Up To 2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	62.68	
08 36	13 00-0171	SF	>2 SF Per Window 3/4" Insulated Glazing For Sectional Overhead Doors..... Note: Additional cost for factory supplied.	42.30	
08 36	13 00-0172	EA	Vertical Lift Track For Sectional Overhead Doors Up To 12' High Door..... Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	576.51	
08 36	13 00-0173	EA	Vertical Lift Track For Sectional Overhead Doors >12' To 16' High Door..... Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	897.15	
08 36	13 00-0174	EA	Vertical Lift Track For Sectional Overhead Doors >16' To 20' High Door..... Note: Includes additional installation of vertical track, spring bumpers, counterweights and vertical lift springs.	1,331.31	
08 36	13 00-0175	SF	25,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors..... Note: Additional cost for factory supplied/installed spring. Per SF of Door.	1.68	
08 36	13 00-0176	SF	50,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors..... Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.16	
08 36	13 00-0177	SF	100,000 Cycle Spring In Lieu Of 10,000 Cycle For Sectional Overhead Doors..... Note: Additional cost for factory supplied/installed spring. Per SF of Door.	2.86	

08 38 Traffic Doors (08 30)

08 38 13 Flexible Strip Doors (08 38)

08 38 13 00-0001 Clear Polyvinyl Chloride (PVC) Strip Doors (08 38 13)

08 38	13 00-0002	SF	8" Smooth Strip, 0.080" Thick, 50% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	22.48	6.86
			<i>For Ribbed Strip Material, Add</i>	1.60	
08 38	13 00-0003	SF	8" Smooth Strip, 0.080" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	31.33	9.14
			<i>For Ribbed Strip Material, Add</i>	2.26	
08 38	13 00-0004	SF	12" Smooth Strip, 0.120" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	19.89	5.72
			<i>For Ribbed Strip Material, Add</i>	2.02	
08 38	13 00-0005	SF	12" Smooth Strip, 0.120" Thick, 100% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	25.77	6.28
			<i>For Ribbed Strip Material, Add</i>	2.53	
08 38	13 00-0006	SF	16" Smooth Strip, 0.160" Thick, 66% Overlap, Clear Polyvinyl Chloride (PVC) Strip Door..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	21.35	5.72
			<i>For Ribbed Strip Material, Add</i>	2.56	

08 38 13 00-0007 Clear Polyvinyl Chloride (PVC) Replacement Strips (08 38 13)

08 38	13 00-0008	EA	8" Smooth Strip, 0.080" Thick, 7' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	67.65	32.24
			<i>For Ribbed Strip Material, Add</i>	3.16	
08 38	13 00-0009	EA	8" Smooth Strip, 0.080" Thick, 8' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	69.77	32.24
			<i>For Ribbed Strip Material, Add</i>	3.61	
08 38	13 00-0010	EA	12" Smooth Strip, 0.120" Thick, 8' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	100.39	39.89
			<i>For Ribbed Strip Material, Add</i>	7.40	
08 38	13 00-0011	EA	12" Smooth Strip, 0.120" Thick, 10' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	107.54	39.89
			<i>For Ribbed Strip Material, Add</i>	8.90	
08 38	13 00-0012	EA	12" Smooth Strip, 0.120" Thick, 12' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	114.26	39.89
			<i>For Ribbed Strip Material, Add</i>	10.31	
08 38	13 00-0013	EA	16" Smooth Strip, 0.160" Thick, 14' Long, Replacement Strip..... <i>For Cooler/Freezer Doors, USDA Grade, Add</i> <i>Note: Low temperature to -40 degree F.</i>	196.45	40.69
			<i>For Ribbed Strip Material, Add</i>	24.15	

	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 38 16 Flexible Traffic Doors (08 38)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 16 00-0001	EA	0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (TMI Mega-Pro) (08 38 16)			
08 38 16 00-0002		Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0001)			
08 38 16 00-0003		Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)			
08 38 16 00-0004	EA	72" x 84" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	6,336.77		114.31
08 38 16 00-0005	EA	72" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	6,861.82		114.31
08 38 16 00-0006	EA	96" x 96" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	14,428.47		131.45
08 38 16 00-0007	EA	96" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	16,197.69		142.88
08 38 16 00-0008	EA	108" x 108" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	25,284.18		142.88
08 38 16 00-0009	EA	108" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	26,459.64		142.88
08 38 16 00-0010	EA	120" x 120" Opening, Double Door, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	29,433.77		171.46

08 38 16 00-0011 Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Doors (08 38 16 00-0002)

08 38 16 00-0012	EA	72" x 84" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....			
08 38 16 00-0013	EA	72" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	7,067.72		114.31
08 38 16 00-0014	EA	96" x 96" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	7,652.43		114.31
08 38 16 00-0015	EA	96" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	17,120.89		131.45
08 38 16 00-0016	EA	108" x 108" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	18,878.15		142.88
08 38 16 00-0017	EA	108" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	28,358.30		142.88
08 38 16 00-0018	EA	120" x 120" Opening, Double Door With Impact Plate, 0.160" Thick, Clear Polyvinyl Chloride (PVC) Flexible Impact Traffic Door.....	29,554.00		142.88
			32,876.32		171.46

08 38 16 00-0019 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (Eliason FMP) (08 38 16)

(08 38 16)

Note: Includes pebble embossed finish and a 14" x 16" vinyl window.

08 38 16 00-0020		Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0019)			
08 38 16 00-0021		84" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0020)			
08 38 16 00-0022	EA	24" To 36" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,545.82		62.87
08 38 16 00-0023	EA	40" To 44" Width x 84" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,749.67		62.87

08 38 16 00-0024 96" Height, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0020)

08 38 16 00-0025	EA	24" To 36" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....			
08 38 16 00-0026	EA	40" To 44" Width x 96" Height Opening, Single Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	2,749.67		62.87
			2,807.17		62.87

08 38 16 00-0027 Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0019)

(08 38 16 00-0019)

08 38 16 00-0028		84" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0027)			
08 38 16 00-0029	EA	48" To 72" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	5,057.33		108.59
08 38 16 00-0030	EA	80" To 88" Width x 84" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	5,465.04		108.59

08 38 16 00-0031 96" Height, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors (08 38 16 00-0027)

08 38 16 00-0032	EA	48" To 72" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....			
08 38 16 00-0033	EA	80" To 88" Width x 96" Height Opening, Double Door, 0.240" Thick, Double Ply Vinyl Flexible Impact Traffic Doors.....	5,465.04		108.59
			5,580.03		108.59

08 38 19 Rigid Traffic Doors (08 38)

Note: Impact traffic doors also known as double action traffic doors. Includes hardware. Excludes door frame.

08 38 19 00-0001		0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (Eliason LWP-3) (08 38 19)			
08 38 19 00-0002		Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0001)			
08 38 19 00-0003		84" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors (08 38 19 00-0002)			

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0004	EA		24" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,212.94	62.87
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0005	EA		28" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,307.03	62.87
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0006	EA		30" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,349.33	65.72
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0007	EA		32" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,406.82	65.72
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0008	EA		36" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,470.07	68.58
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0009	EA		40" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,595.52	68.58
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0010	EA		42" x 84" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,649.22	77.16
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0011			96" Height, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0002)</small>		
08 38 19 00-0012	EA		24" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,374.98	62.87
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0013	EA		28" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,448.16	62.87
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0014	EA		30" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,495.68	65.72
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0015	EA		32" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,537.50	65.72
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0016	EA		36" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,684.38	68.58
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0017	EA		40" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,715.74	68.58
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0018	EA		42" x 96" Opening, Single Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	1,764.21	77.16
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0019			Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0001)</small>		
08 38 19 00-0020			84" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>		
08 38 19 00-0021	EA		48" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,391.57	108.59
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0022 EA 56" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,579.75	108.59
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0023 EA 60" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,652.92	108.59
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0024 EA 64" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,767.92	108.59
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0025 EA 72" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,894.37	114.31
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0026 EA 80" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,145.26	114.31
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0027 EA 84" x 84" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,218.44	114.31
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0028 96" Height, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Doors <small>(08 38 19 00-0019)</small>		
08 38 19 00-0029 EA 48" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,715.65	108.59
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0030 EA 56" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,862.00	108.59
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0031 EA 60" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	2,945.63	108.59
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0032 EA 64" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,029.27	108.59
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0033 EA 72" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,322.98	114.31
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0034 EA 80" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,385.71	114.31
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0035 EA 84" x 96" Opening, Double Door, 0.063" Thick, Satin Anodized Finish, Tempered Aluminum Alloy Impact Traffic Door.....	3,448.43	114.31
For Each 14" x 16" Window, Add	22.00	
For Each 15" x 20" Window, Add	28.00	
For Each 18" x 30" Window, Add	41.00	
08 38 19 00-0036 3/4" Thick, Polymer Cell Core Impact Traffic Doors (Eliason P-11 Plus) <small>(08 38 19)</small>		
<small>Note: Includes 0.125" thick thermoplastic exterior finish, 14 gauge back channel and a 14" x 16" acrylic window.</small>		
08 38 19 00-0037 Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0036)</small>		
08 38 19 00-0038 84" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0037)</small>		
08 38 19 00-0039 EA 24" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,174.71	62.87
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0040 EA 28" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,420.37	62.87
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0041 EA 30" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door.....	2,525.40	65.72
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0042	EA		32" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,629.94	65.72
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0043	EA		36" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,667.05	68.58
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0044	EA		40" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,881.35	68.58
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0045	EA		42" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,091.86	77.16
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0046	EA		44" x 84" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,128.45	77.16
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0047			96" Height, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors		
			<small>(08 38 19 00-0037)</small>		
08 38 19 00-0048	EA		24" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,383.79	62.87
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0049	EA		28" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,639.91	62.87
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0050	EA		30" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,744.93	65.72
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0051	EA		32" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,875.60	65.72
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0052	EA		36" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	2,975.44	68.58
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0053	EA		40" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,184.52	68.58
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0054	EA		42" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,285.26	77.16
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0055	EA		44" x 96" Opening, Single Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	3,415.94	77.16
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0056			Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Doors		
			<small>(08 38 19 00-0036)</small>		
08 38 19 00-0057			84" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic		
			Doors		
			<small>(08 38 19 00-0056)</small>		
08 38 19 00-0058	EA		48" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,315.10	108.59
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0059	EA		56" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,806.44	108.59
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0060	EA		60" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,005.06	108.59
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0061	EA		64" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,214.14	108.59
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0062	EA		72" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,288.33	114.31
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0063	EA		80" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,716.94	114.31
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0064	EA		84" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,103.74	114.31
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0065	EA		88" x 84" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	6,176.91	114.31
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0066			96" Height, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic		
			Doors		
			<small>(08 38 19 00-0056)</small>		
08 38 19 00-0067	EA		48" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	4,733.26	108.59
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0068	EA		56" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,245.50	108.59
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0069	EA		60" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door	5,444.13	108.59
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0070 EA 64" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,705.48 6.00 19.00	108.59
08 38 19 00-0071 EA 72" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,905.11 6.00 19.00	114.31
08 38 19 00-0072 EA 80" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,323.27 6.00 19.00	114.31
08 38 19 00-0073 EA 84" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,490.53 6.00 19.00	114.31
08 38 19 00-0074 EA 88" x 96" Opening, Double Door, 3/4" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,751.88 6.00 19.00	114.31
08 38 19 00-0075 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors (Eliason PMP-2) <small>(08 38 19)</small> <i>Note: Includes textured finish, 16 gauge back channel and a 14" x 16" window.</i>		
08 38 19 00-0076 Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0077 84" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0076)</small>		
08 38 19 00-0078 EA 24" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,858.75 6.00 19.00	62.87
08 38 19 00-0079 EA 28" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,252.93 6.00 19.00	62.87
08 38 19 00-0080 EA 30" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,363.76 6.00 19.00	65.72
08 38 19 00-0081 EA 32" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,403.18 6.00 19.00	65.72
08 38 19 00-0082 EA 36" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,448.34 6.00 19.00	68.58
08 38 19 00-0083 EA 40" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,816.25 6.00 19.00	68.58
08 38 19 00-0084 EA 42" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,135.57 6.00 19.00	77.16
08 38 19 00-0085 EA 44" x 84" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,181.56 6.00 19.00	77.16
08 38 19 00-0086 96" Height, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0076)</small>		
08 38 19 00-0087 EA 24" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,944.15 6.00 19.00	62.87
08 38 19 00-0088 EA 28" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,430.31 6.00 19.00	62.87
08 38 19 00-0089 EA 30" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,547.71 6.00 19.00	65.72
08 38 19 00-0090 EA 32" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,600.27 6.00 19.00	65.72
08 38 19 00-0091 EA 36" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,619.16 6.00 19.00	68.58
08 38 19 00-0092 EA 40" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,888.52 6.00 19.00	68.58
08 38 19 00-0093 EA 42" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,201.27 6.00 19.00	77.16
08 38 19 00-0094 EA 44" x 96" Opening, Single Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,253.82 6.00 19.00	77.16
08 38 19 00-0095 Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0075)</small>		
08 38 19 00-0096 84" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0095)</small>		

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0097	EA		48" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,683.18 6.00 19.00	108.59
08 38 19 00-0098	EA		56" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,471.55 6.00 19.00	108.59
08 38 19 00-0099	EA		60" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,681.78 6.00 19.00	108.59
08 38 19 00-0100	EA		64" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,760.62 6.00 19.00	108.59
08 38 19 00-0101	EA		72" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,850.92 6.00 19.00	114.31
08 38 19 00-0102	EA		80" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,586.73 6.00 19.00	114.31
08 38 19 00-0103	EA		84" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,191.15 6.00 19.00	114.31
08 38 19 00-0104	EA		88" x 84" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,283.12 6.00 19.00	114.31
08 38 19 00-0105			96" Height, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Doors <small>(08 38 19 00-0095)</small>		
08 38 19 00-0106	EA		48" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,854.00 6.00 19.00	108.59
08 38 19 00-0107	EA		56" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,826.32 6.00 19.00	108.59
08 38 19 00-0108	EA		60" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,049.69 6.00 19.00	108.59
08 38 19 00-0109	EA		64" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,154.81 6.00 19.00	108.59
08 38 19 00-0110	EA		72" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,192.55 6.00 19.00	114.31
08 38 19 00-0111	EA		80" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,731.26 6.00 19.00	114.31
08 38 19 00-0112	EA		84" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,322.54 6.00 19.00	114.31
08 38 19 00-0113	EA		88" x 96" Opening, Double Door, 3/4" Thick, Double Ply Acrylonitrile Butadiene Styrene (ABS) Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,427.66 6.00 19.00	114.31
08 38 19 00-0114			1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors (Eliaison SCP-2) <small>(08 38 19)</small>		
			Note: Includes 0.032" tempered aluminum alloy top panel, 48" high 16 gauge stainless steel front and galvanized back base plate, 14 gauge galvanized steel back channel and a 9" x 14" window.		
08 38 19 00-0115			Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0114)</small>		
08 38 19 00-0116			84" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0117	EA		24" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,927.39 22.00 28.00 41.00	62.87
08 38 19 00-0118	EA		28" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,204.42 22.00 28.00 41.00	62.87
08 38 19 00-0119	EA		30" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,283.31 22.00 28.00 41.00	65.72
08 38 19 00-0120	EA		32" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,351.26 22.00 28.00 41.00	65.72
08 38 19 00-0121	EA		36" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,472.00 22.00 28.00 41.00	68.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0122 EA 40" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,602.68 22.00 28.00 41.00	68.58
08 38 19 00-0123 EA 42" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,724.33 22.00 28.00 41.00	77.16
08 38 19 00-0124 EA 44" x 84" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,813.19 22.00 28.00 41.00	77.16
08 38 19 00-0125 96" Height, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0115)</small>		
08 38 19 00-0126 EA 24" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,162.61 22.00 28.00 41.00	62.87
08 38 19 00-0127 EA 28" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,455.32 22.00 28.00 41.00	62.87
08 38 19 00-0128 EA 30" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,539.43 22.00 28.00 41.00	65.72
08 38 19 00-0129 EA 32" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,576.02 22.00 28.00 41.00	65.72
08 38 19 00-0130 EA 36" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,686.31 22.00 28.00 41.00	68.58
08 38 19 00-0131 EA 40" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,858.80 22.00 28.00 41.00	68.58
08 38 19 00-0132 EA 42" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,959.54 22.00 28.00 41.00	77.16
08 38 19 00-0133 EA 44" x 96" Opening, Single Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,048.40 22.00 28.00 41.00	77.16
08 38 19 00-0134 Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0114)</small>		
08 38 19 00-0135 84" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0134)</small>		
08 38 19 00-0136 EA 48" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,820.47 22.00 28.00 41.00	108.59
08 38 19 00-0137 EA 56" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,374.53 22.00 28.00 41.00	108.59
08 38 19 00-0138 EA 60" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,520.89 22.00 28.00 41.00	108.59
08 38 19 00-0139 EA 64" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,656.79 22.00 28.00 41.00	108.59
08 38 19 00-0140 EA 72" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,898.24 22.00 28.00 41.00	114.31
08 38 19 00-0141 EA 80" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,159.59 22.00 28.00 41.00	114.31
08 38 19 00-0142 EA 84" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door <i>For Each 14" x 16" Window, Add</i> <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,368.66 22.00 28.00 41.00	114.31

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0143	EA		88" x 84" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	7,546.38	114.31
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0144			96" Height, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Doors <small>(08 38 19 00-0134)</small>		
08 38 19 00-0145	EA		48" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	6,290.90	108.59
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0146	EA		56" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	6,876.32	108.59
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0147	EA		60" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	7,033.13	108.59
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0148	EA		64" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	7,106.31	108.59
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0149	EA		72" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	7,326.85	114.31
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0150	EA		80" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	7,671.83	114.31
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0151	EA		84" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	7,839.09	114.31
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0152	EA		88" x 96" Opening, Double Door, 1" Thick, Exterior Grade Solid Wood Core Impact Traffic Door.....	8,016.81	114.31
			<i>For Each 14" x 16" Window, Add</i>	22.00	
			<i>For Each 15" x 20" Window, Add</i>	28.00	
			<i>For Each 18" x 30" Window, Add</i>	41.00	
08 38 19 00-0153			1-1/2" Thick, Polymer Cell Core Impact Traffic Doors (Eliaison HCP-10) <small>(08 38 19 00-0153)</small>		
			<small>Note: Includes 0.125" thick thermoplastic exterior finish, 14" x 16" acrylic window and 18" high easy spring bumpers.</small>		
08 38 19 00-0154			Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0153)</small>		
08 38 19 00-0155			84" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0154)</small>		
08 38 19 00-0156	EA		24" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,875.12	62.87
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0157	EA		28" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,026.70	62.87
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0158	EA		30" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,168.32	65.72
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0159	EA		32" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,257.17	65.72
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0160	EA		36" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,482.46	68.58
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0161	EA		40" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,660.17	68.58
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0162	EA		42" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,818.41	77.16
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0163	EA		44" x 84" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,985.68	77.16
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0164			90" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0154)</small>		
08 38 19 00-0165	EA		24" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	2,979.66	62.87
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	
08 38 19 00-0166	EA		28" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door.....	3,162.61	62.87
			<i>For Each 15" x 20" Window, Add</i>	6.00	
			<i>For Each 18" x 30" Window, Add</i>	19.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0167 EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,257.17 6.00 19.00	65.72
08 38 19 00-0168 EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,382.62 6.00 19.00	65.72
08 38 19 00-0169 EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,623.59 6.00 19.00	68.58
08 38 19 00-0170 EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,837.89 6.00 19.00	68.58
08 38 19 00-0171 EA 42" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,985.68 6.00 19.00	77.16
08 38 19 00-0172 EA 44" x 90" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,142.49 6.00 19.00	77.16
08 38 19 00-0173 96" Height, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0154)</small>		
08 38 19 00-0174 EA 24" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,246.24 6.00 19.00	62.87
08 38 19 00-0175 EA 28" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,282.83 6.00 19.00	62.87
08 38 19 00-0176 EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,440.12 6.00 19.00	65.72
08 38 19 00-0177 EA 32" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,555.11 6.00 19.00	65.72
08 38 19 00-0178 EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,801.30 6.00 19.00	68.58
08 38 19 00-0179 EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,057.43 6.00 19.00	68.58
08 38 19 00-0180 EA 42" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,194.76 6.00 19.00	77.16
08 38 19 00-0181 EA 44" x 96" Opening, Single Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	4,351.56 6.00 19.00	77.16
08 38 19 00-0182 Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0153)</small>		
08 38 19 00-0183 84" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0184 EA 48" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,715.93 6.00 19.00	108.59
08 38 19 00-0185 EA 56" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,019.10 6.00 19.00	108.59
08 38 19 00-0186 EA 60" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,290.90 6.00 19.00	108.59
08 38 19 00-0187 EA 64" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,468.62 6.00 19.00	108.59
08 38 19 00-0188 EA 72" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,919.14 6.00 19.00	114.31
08 38 19 00-0189 EA 80" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,274.58 6.00 19.00	114.31
08 38 19 00-0190 EA 84" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,556.84 6.00 19.00	114.31
08 38 19 00-0191 EA 88" x 84" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,891.36 6.00 19.00	114.31
08 38 19 00-0192 90" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0193 EA 48" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	5,925.01 6.00 19.00	108.59

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0194	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,290.90 6.00 19.00	108.59
08 38 19 00-0195	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,468.62 6.00 19.00	108.59
08 38 19 00-0196	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,719.51 6.00 19.00	108.59
08 38 19 00-0197	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,201.40 6.00 19.00	114.31
08 38 19 00-0198	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,630.01 6.00 19.00	114.31
08 38 19 00-0199	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,891.36 6.00 19.00	114.31
08 38 19 00-0200	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,204.98 6.00 19.00	114.31
08 38 19 00-0201			96" Height, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Doors <small>(08 38 19 00-0182)</small>		
08 38 19 00-0202	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,458.16 6.00 19.00	108.59
08 38 19 00-0203	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,531.34 6.00 19.00	108.59
08 38 19 00-0204	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	6,834.51 6.00 19.00	108.59
08 38 19 00-0205	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,064.49 6.00 19.00	108.59
08 38 19 00-0206	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	7,556.84 6.00 19.00	114.31
08 38 19 00-0207	EA		80" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,069.08 6.00 19.00	114.31
08 38 19 00-0208	EA		84" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,309.52 6.00 19.00	114.31
08 38 19 00-0209	EA		88" x 96" Opening, Double Door, 1-1/2" Thick, Polymer Cell Core Impact Traffic Door..... <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	8,623.14 6.00 19.00	114.31
08 38 19 00-0210			1-1/2" Thick, Urethane Foam Core Impact Traffic Doors (Eliason HFG-10) <small>(08 38 19 00-0210)</small>		
08 38 19 00-0211			Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0210)</small>		
08 38 19 00-0212			84" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0213	EA		24" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	2,875.12 6.00 19.00	62.87
08 38 19 00-0214	EA		28" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,026.70 6.00 19.00	62.87
08 38 19 00-0215	EA		30" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,168.32 6.00 19.00	65.72
08 38 19 00-0216	EA		32" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,257.17 6.00 19.00	65.72
08 38 19 00-0217	EA		36" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,482.46 6.00 19.00	68.58
08 38 19 00-0218	EA		40" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,660.17 6.00 19.00	68.58
08 38 19 00-0219	EA		42" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,818.41 6.00 19.00	77.16
08 38 19 00-0220	EA		44" x 84" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door <i>For Each 15" x 20" Window, Add</i> <i>For Each 18" x 30" Window, Add</i>	3,985.68 6.00 19.00	77.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0221 90" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0222 EA 24" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	2,979.66	62.87
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0223 EA 28" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,162.61	62.87
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0224 EA 30" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,257.17	65.72
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0225 EA 32" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,382.62	65.72
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0226 EA 36" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,623.59	68.58
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0227 EA 40" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,837.89	68.58
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0228 EA 42" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,985.68	77.16
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0229 EA 44" x 90" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,142.49	77.16
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0230 96" Height, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0211)</small>		
08 38 19 00-0231 EA 24" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,246.24	62.87
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0232 EA 28" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,282.83	62.87
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0233 EA 30" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,440.12	65.72
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0234 EA 32" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,555.11	65.72
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0235 EA 36" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	3,801.30	68.58
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0236 EA 40" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,057.43	68.58
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0237 EA 42" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,194.76	77.16
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0238 EA 44" x 96" Opening, Single Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	4,351.56	77.16
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0239 Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0210)</small>		
08 38 19 00-0240 84" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0241 EA 48" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	5,715.93	108.59
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0242 EA 56" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,019.10	108.59
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0243 EA 60" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,290.90	108.59
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0244 EA 64" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,468.62	108.59
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0245 EA 72" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	6,919.14	114.31
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0246 EA 80" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,274.58	114.31
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0247 EA 84" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,556.84	114.31
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	
08 38 19 00-0248 EA 88" x 84" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door	7,891.36	114.31
For Each 15" x 20" Window, Add	6.00	
For Each 18" x 30" Window, Add	19.00	

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0249			90" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0250	EA		48" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	5,925.01	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0251	EA		56" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	6,290.90	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0252	EA		60" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	6,468.62	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0253	EA		64" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	6,719.51	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0254	EA		72" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,201.40	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0255	EA		80" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,630.01	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0256	EA		84" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,891.36	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0257	EA		88" x 90" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	8,204.98	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0258			96" Height, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Doors <small>(08 38 19 00-0239)</small>		
08 38 19 00-0259	EA		48" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	6,458.16	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0260	EA		56" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	6,531.34	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0261	EA		60" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	6,834.51	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0262	EA		64" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,064.49	108.59
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0263	EA		72" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	7,556.84	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0264	EA		80" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	8,069.08	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0265	EA		84" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	8,309.52	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0266	EA		88" x 96" Opening, Double Door, 1-1/2" Thick, Urethane Foam Core Impact Traffic Door.....	8,623.14	114.31
			For Each 15" x 20" Window, Add.....	6.00	
			For Each 18" x 30" Window, Add.....	19.00	
08 38 19 00-0267			Rigid Impact Traffic Door Accessories <small>(08 38 19)</small>		
08 38 19 00-0268			Bumper Strips For Impact Traffic Doors <small>(08 38 19 00-0267)</small>		
			Note: Includes two bumpers per set.		
08 38 19 00-0269	SET		24" Wide, Bumper Strips For Impact Traffic Doors.....	239.12	45.72
08 38 19 00-0270	SET		30" Wide, Bumper Strips For Impact Traffic Doors.....	265.25	45.72
08 38 19 00-0271	SET		36" Wide, Bumper Strips For Impact Traffic Doors.....	286.16	45.72
08 38 19 00-0272	SET		48" Wide, Bumper Strips For Impact Traffic Doors.....	322.75	45.72
08 38 19 00-0273			Easy Spring Bumpers For Impact Traffic Doors <small>(08 38 19 00-0267)</small>		
			Note: Includes two bumpers per set.		
08 38 19 00-0274	SET		18" Height, Easy Spring Bumpers For Impact Traffic Doors.....	662.50	45.72
08 38 19 00-0275	SET		24" Height, Easy Spring Bumpers For Impact Traffic Doors.....	882.04	45.72
08 38 19 00-0276	SET		36" Height, Easy Spring Bumpers For Impact Traffic Doors.....	1,305.42	45.72
08 38 19 00-0277	SET		42" Height, Easy Spring Bumpers For Impact Traffic Doors.....	1,509.27	45.72
08 38 19 00-0278	SET		48" Height, Easy Spring Bumpers For Impact Traffic Doors.....	1,718.35	45.72
08 38 19 00-0279			Scuff Plates For Impact Traffic Doors <small>(08 38 19 00-0267)</small>		
			Note: Includes two 0.090" thermoplastic plates per set.		
08 38 19 00-0280			12" High, Scuff Plates For Impact Traffic Doors <small>(08 38 19 00-0279)</small>		
08 38 19 00-0281	SET		24" Wide x 12" High, Impact Traffic Door Scuff Plates.....	286.16	45.72
08 38 19 00-0282	SET		30" Wide x 12" High, Impact Traffic Door Scuff Plates.....	307.07	45.72
08 38 19 00-0283	SET		36" Wide x 12" High, Impact Traffic Door Scuff Plates.....	333.20	45.72
08 38 19 00-0284	SET		42" Wide x 12" High, Impact Traffic Door Scuff Plates.....	369.79	45.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0285 SET 48" Wide x 12" High, Impact Traffic Door Scuff Plates	390.70	45.72
08 38 19 00-0286 24" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0287 SET 24" Wide x 24" High, Impact Traffic Door Scuff Plates	390.70	45.72
08 38 19 00-0288 SET 30" Wide x 24" High, Impact Traffic Door Scuff Plates	484.79	45.72
08 38 19 00-0289 SET 36" Wide x 24" High, Impact Traffic Door Scuff Plates	537.06	45.72
08 38 19 00-0290 SET 42" Wide x 24" High, Impact Traffic Door Scuff Plates	610.23	45.72
08 38 19 00-0291 SET 48" Wide x 24" High, Impact Traffic Door Scuff Plates	657.28	45.72
08 38 19 00-0292 30" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0293 SET 24" Wide x 30" High, Impact Traffic Door Scuff Plates	484.79	45.72
08 38 19 00-0294 SET 30" Wide x 30" High, Impact Traffic Door Scuff Plates	568.42	45.72
08 38 19 00-0295 SET 36" Wide x 30" High, Impact Traffic Door Scuff Plates	631.14	45.72
08 38 19 00-0296 SET 42" Wide x 30" High, Impact Traffic Door Scuff Plates	746.14	45.72
08 38 19 00-0297 SET 48" Wide x 30" High, Impact Traffic Door Scuff Plates	824.54	45.72
08 38 19 00-0298 36" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0299 SET 24" Wide x 36" High, Impact Traffic Door Scuff Plates	537.06	45.72
08 38 19 00-0300 SET 30" Wide x 36" High, Impact Traffic Door Scuff Plates	631.14	45.72
08 38 19 00-0301 SET 36" Wide x 36" High, Impact Traffic Door Scuff Plates	735.68	45.72
08 38 19 00-0302 SET 42" Wide x 36" High, Impact Traffic Door Scuff Plates	793.18	45.72
08 38 19 00-0303 SET 48" Wide x 36" High, Impact Traffic Door Scuff Plates	882.04	45.72
08 38 19 00-0304 48" High, Scuff Plates For Impact Traffic Doors (08 38 19 00-0279)		
08 38 19 00-0305 SET 24" Wide x 48" High, Impact Traffic Door Scuff Plates	657.28	45.72
08 38 19 00-0306 SET 30" Wide x 48" High, Impact Traffic Door Scuff Plates	824.54	45.72
08 38 19 00-0307 SET 36" Wide x 48" High, Impact Traffic Door Scuff Plates	882.04	45.72
08 38 19 00-0308 SET 42" Wide x 48" High, Impact Traffic Door Scuff Plates	991.80	45.72
08 38 19 00-0309 SET 48" Wide x 48" High, Impact Traffic Door Scuff Plates	1,112.02	45.72
08 38 19 00-0310 Base Plates For Impact Traffic Doors (08 38 19 00-0267)		
Note: Includes two base plates per set.		
08 38 19 00-0311 Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0310)		
08 38 19 00-0312 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0313 SET 24" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	275.71	45.72
08 38 19 00-0314 SET 30" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	296.62	45.72
08 38 19 00-0315 SET 36" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	307.07	45.72
08 38 19 00-0316 SET 42" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	354.11	45.72
08 38 19 00-0317 SET 48" Wide x 12" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	375.02	45.72
08 38 19 00-0318 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0319 SET 24" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	354.11	45.72
08 38 19 00-0320 SET 30" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	385.47	45.72
08 38 19 00-0321 SET 36" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	416.84	45.72
08 38 19 00-0322 SET 42" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	442.97	45.72
08 38 19 00-0323 SET 48" Wide x 24" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	484.79	45.72
08 38 19 00-0324 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0325 SET 24" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	406.38	45.72
08 38 19 00-0326 SET 30" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	432.52	45.72
08 38 19 00-0327 SET 36" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	495.24	45.72
08 38 19 00-0328 SET 42" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	563.19	45.72
08 38 19 00-0329 SET 48" Wide x 30" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	594.55	45.72
08 38 19 00-0330 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0331 SET 24" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	432.52	45.72
08 38 19 00-0332 SET 30" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	484.79	45.72
08 38 19 00-0333 SET 36" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	563.19	45.72
08 38 19 00-0334 SET 42" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	625.91	45.72
08 38 19 00-0335 SET 48" Wide x 36" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	662.50	45.72
08 38 19 00-0336 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors (08 38 19 00-0311)		
08 38 19 00-0337 SET 24" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	552.74	45.72
08 38 19 00-0338 SET 30" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	625.91	45.72
08 38 19 00-0339 SET 36" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	725.23	45.72
08 38 19 00-0340 SET 42" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	772.27	45.72
08 38 19 00-0341 SET 48" Wide x 48" High, Galvanized, 18 Gauge Base Plates For Impact Traffic Doors.....	834.99	45.72

08	08	Openings
	08 30	Specialty Doors and Frames
	08 38	Traffic Doors

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0342 Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0310)</small>		
08 38 19 00-0343 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0342)</small>		
08 38 19 00-0344 SET 24" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	369.79	45.72
08 38 19 00-0345 SET 30" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	390.70	45.72
08 38 19 00-0346 SET 36" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	453.42	45.72
08 38 19 00-0347 SET 42" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	484.79	45.72
08 38 19 00-0348 SET 48" Wide x 12" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	573.64	45.72
08 38 19 00-0349 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0342)</small>		
08 38 19 00-0350 SET 24" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	516.15	45.72
08 38 19 00-0351 SET 30" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	610.23	45.72
08 38 19 00-0352 SET 36" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	704.32	45.72
08 38 19 00-0353 SET 42" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	819.31	45.72
08 38 19 00-0354 SET 48" Wide x 24" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	923.85	45.72
08 38 19 00-0355 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0342)</small>		
08 38 19 00-0356 SET 24" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	589.33	45.72
08 38 19 00-0357 SET 30" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	714.77	45.72
08 38 19 00-0358 SET 36" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	829.77	45.72
08 38 19 00-0359 SET 42" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	949.99	45.72
08 38 19 00-0360 SET 48" Wide x 30" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,091.12	45.72
08 38 19 00-0361 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0342)</small>		
08 38 19 00-0362 SET 24" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	683.41	45.72
08 38 19 00-0363 SET 30" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	819.31	45.72
08 38 19 00-0364 SET 36" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	976.12	45.72
08 38 19 00-0365 SET 42" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,127.70	45.72
08 38 19 00-0366 SET 48" Wide x 36" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,258.38	45.72
08 38 19 00-0367 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0342)</small>		
08 38 19 00-0368 SET 24" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	850.67	45.72
08 38 19 00-0369 SET 30" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,174.75	45.72
08 38 19 00-0370 SET 36" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,258.38	45.72
08 38 19 00-0371 SET 42" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,509.27	45.72
08 38 19 00-0372 SET 48" Wide x 48" High, Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,655.63	45.72
08 38 19 00-0373 One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0310)</small>		
08 38 19 00-0374 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0375 SET 24" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	327.98	45.72
08 38 19 00-0376 SET 30" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	354.11	45.72
08 38 19 00-0377 SET 36" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	385.47	45.72
08 38 19 00-0378 SET 42" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	422.06	45.72
08 38 19 00-0379 SET 48" Wide x 12" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	479.56	45.72
08 38 19 00-0380 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0381 SET 24" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	442.97	45.72
08 38 19 00-0382 SET 30" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	505.69	45.72
08 38 19 00-0383 SET 36" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	568.42	45.72
08 38 19 00-0384 SET 42" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	636.37	45.72
08 38 19 00-0385 SET 48" Wide x 24" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	714.77	45.72
08 38 19 00-0386 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0387 SET 24" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	505.69	45.72
08 38 19 00-0388 SET 30" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	584.10	45.72
08 38 19 00-0389 SET 36" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	672.96	45.72
08 38 19 00-0390 SET 42" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	782.72	45.72
08 38 19 00-0391 SET 48" Wide x 30" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	855.90	45.72
08 38 19 00-0392 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0393 SET 24" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	568.42	45.72
08 38 19 00-0394 SET 30" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	672.96	45.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0395 SET 36" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	782.72	45.72
08 38 19 00-0396 SET 42" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	892.49	45.72
08 38 19 00-0397 SET 48" Wide x 36" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	970.90	45.72
08 38 19 00-0398 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors <small>(08 38 19 00-0373)</small>		
08 38 19 00-0399 SET 24" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	714.77	45.72
08 38 19 00-0400 SET 30" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	876.81	45.72
08 38 19 00-0401 SET 36" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	970.90	45.72
08 38 19 00-0402 SET 42" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,159.07	45.72
08 38 19 00-0403 SET 48" Wide x 48" High, One Galvanized And One Stainless Steel, 18 Gauge Base Plates For Impact Traffic Doors	1,211.34	45.72
08 38 19 00-0404 Jamb Guards For Impact Traffic Doors <small>(08 38 19 00-0267)</small>		
08 38 19 00-0405 EA 3" x 9", Jamb Guard For Impact Traffic Doors	449.17	57.15
08 38 19 00-0406 EA 5" x 18", Jamb Guard For Impact Traffic Doors	605.98	57.15
08 38 19 00-0407 EA 5" x 18", Stainless Steel Jamb Guard For Impact Traffic Doors	1,180.95	57.15
08 38 19 00-0408 Other Impact Traffic Door Accessories <small>(08 38 19 00-0267)</small>		
08 38 19 00-0409 EA Push Plate For Impact Traffic Doors	112.20	28.57
08 38 19 00-0410 EA Pull Handle For Impact Traffic Doors	148.79	28.57
08 38 19 00-0411 EA Deadbolt Lock For Impact Traffic Doors	373.55	28.57
08 38 19 00-0412 PR Lock Hole Reinforcements For Impact Traffic Doors	467.64	28.57
08 38 19 00-0413 PR Padlock Brackets For Impact Traffic Doors	185.38	28.57
08 38 19 00-0414 Impact Traffic Door Knock Down Frames <small>(08 38 19)</small>		
Note: Frames are 16 gauge galvanized steel with reinforcement at hardware locations.		
08 38 19 00-0415 Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0414)</small>		
08 38 19 00-0416 84" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0417 EA 24" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,105.05	85.73
08 38 19 00-0418 EA 28" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,300.02	94.30
08 38 19 00-0419 EA 30" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,329.21	100.01
08 38 19 00-0420 EA 32" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,361.89	108.59
08 38 19 00-0421 EA 36" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,393.34	114.31
08 38 19 00-0422 EA 40" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,452.70	120.02
08 38 19 00-0423 EA 42" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,496.22	125.74
08 38 19 00-0424 EA 44" x 84" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,525.23	131.45
08 38 19 00-0425 90" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0426 EA 24" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,128.36	85.73
08 38 19 00-0427 EA 28" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,327.78	94.30
08 38 19 00-0428 EA 30" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,357.45	100.01
08 38 19 00-0429 EA 32" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,390.51	108.59
08 38 19 00-0430 EA 36" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,422.45	114.31
08 38 19 00-0431 EA 40" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,483.02	120.02
08 38 19 00-0432 EA 42" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,527.32	125.74
08 38 19 00-0433 EA 44" x 90" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,556.80	131.45
08 38 19 00-0434 96" Height, Single Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0415)</small>		
08 38 19 00-0435 EA 24" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,159.36	85.73
08 38 19 00-0436 EA 28" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,364.68	94.30
08 38 19 00-0437 EA 30" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,394.93	100.01
08 38 19 00-0438 EA 32" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,419.33	108.59
08 38 19 00-0439 EA 36" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,461.13	114.31
08 38 19 00-0440 EA 40" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,513.33	120.02
08 38 19 00-0441 EA 42" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,568.67	125.74
08 38 19 00-0442 EA 44" x 96" Opening, Single Door, Impact Traffic Door Knock Down Frame	1,601.02	128.59
08 38 19 00-0443 Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0414)</small>		
08 38 19 00-0444 84" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0445 EA 48" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,552.14	131.45
08 38 19 00-0446 EA 56" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,577.12	133.74
08 38 19 00-0447 EA 60" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,608.00	137.16
08 38 19 00-0448 EA 64" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,649.48	142.88
08 38 19 00-0449 EA 72" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,675.29	148.60
08 38 19 00-0450 EA 80" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,731.93	149.74
08 38 19 00-0451 EA 84" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,769.94	151.46
08 38 19 00-0452 EA 88" x 84" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,815.73	154.32
08 38 19 00-0453 90" Height, Double Door, Impact Traffic Door Knock Down Frames <small>(08 38 19 00-0443)</small>		
08 38 19 00-0454 EA 48" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,584.34	131.45
08 38 19 00-0455 EA 56" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,609.79	133.74

08 Openings**08 30 Specialty Doors and Frames****08 38 Traffic Doors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 38 19 00-0456	EA		60" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,641.35	137.16
08 38 19 00-0457	EA		64" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,683.56	142.88
08 38 19 00-0458	EA		72" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,709.79	148.60
08 38 19 00-0459	EA		80" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,767.74	149.74
08 38 19 00-0460	EA		84" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,806.61	151.46
08 38 19 00-0461	EA		88" x 90" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,853.41	154.32
08 38 19 00-0462			96" Height, Double Door, Impact Traffic Door Knock Down Frames (08 38 19 00-0443)		
08 38 19 00-0463	EA		48" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,621.92	131.45
08 38 19 00-0464	EA		56" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,642.41	133.74
08 38 19 00-0465	EA		60" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,685.62	137.16
08 38 19 00-0466	EA		64" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,717.64	142.88
08 38 19 00-0467	EA		72" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,755.53	148.60
08 38 19 00-0468	EA		80" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,820.53	149.74
08 38 19 00-0469	EA		84" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,855.32	151.46
08 38 19 00-0470	EA		88" x 96" Opening, Double Door, Impact Traffic Door Knock Down Frame	1,894.98	154.32

08 40 Entrances, Storefronts, and Curtain Walls (08)**08 42 Entrances (08 40)****08 42 13 Aluminum-Framed Entrances (08 42)****08 42 13 00-0001 Aluminum Framed Entrance Doors (08 42 13)**

Note: Includes frame, trim, necessary anchors, tempered glass, standard hardware (hinges, pull handle, push plate, threshold, door sweep) and prepared for panic device. Fixed doors mullion (on pairs). Excludes exit device and closer. See CSI section 08 71 11 00-2141 for exit device, 08 71 11 00-2296 for closer.

08 42 13 00-0002	EA		3' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	5,569.83	697.32
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	502.20	
			For Black Finish, Add	1,442.37	
			For 8' High Door, Add	520.30	
			For 10' High Door, Add	1,131.09	
			For 1" Insulated Glazing, Add	125.06	
08 42 13 00-0003	EA		3'-6" x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	5,703.68	766.32
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	505.46	
			For Black Finish, Add	1,451.71	
			For 8' High Door, Add	523.67	
			For 10' High Door, Add	1,138.42	
			For 1" Insulated Glazing, Add	125.06	
08 42 13 00-0004	PR		6' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	9,404.35	1,045.78
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	870.16	
			For Black Finish, Add	2,499.17	
			For 8' High Door, Add	901.52	
			For 10' High Door, Add	1,959.82	
			For 1" Insulated Glazing, Add	250.12	
08 42 13 00-0005	PR		7' x 7' x 1-3/4" Medium Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	10,996.26	1,139.56
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	1,030.27	
			For Black Finish, Add	2,959.01	
			For 8' High Door, Add	1,067.40	
			For 10' High Door, Add	2,320.43	
			For 1" Insulated Glazing, Add	250.12	
08 42 13 00-0006	EA		3' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	6,185.49	697.32
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	570.54	
			For Black Finish, Add	1,638.64	
			For 8' High Door, Add	591.10	
			For 10' High Door, Add	1,285.01	
			For 1" Insulated Glazing, Add	125.06	
08 42 13 00-0007	EA		3'-6" x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	6,357.46	766.32
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	578.03	
			For Black Finish, Add	1,660.14	
			For 8' High Door, Add	598.86	
			For 10' High Door, Add	1,301.86	
			For 1" Insulated Glazing, Add	125.06	
08 42 13 00-0008	PR		6' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	10,568.25	1,045.78
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	999.35	
			For Black Finish, Add	2,870.22	
			For 8' High Door, Add	1,035.37	
			For 10' High Door, Add	2,250.80	
			For 1" Insulated Glazing, Add	250.12	
08 42 13 00-0009	PR		7' x 7' x 1-3/4" Wide Stile, Clear Anodized Finish, Aluminum Framed Entrance Doors	12,126.19	1,139.56
			Note: Including Glazing, Trim And Hardware		
			For Bronze Finish, Add	1,155.69	
			For Black Finish, Add	3,319.23	
			For 8' High Door, Add	1,197.34	
			For 10' High Door, Add	2,602.91	
			For 1" Insulated Glazing, Add	250.12	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 42 26 All-Glass Entrances (08 42)

08 42 26 00-0001 Full Glass Entrance Doors (08 42 26)

Note: Includes trim, necessary anchors, tempered glass, and standard hardware (hinges, handle, push plate, lock, closer). Excludes panic devices.

08 42 26 00-0002	EA 3' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door.....	5,148.97	261.37
	Note: Including Trim And Hardware		
	For Anodized Color, Add	738.63	
	For Stainless Steel, Add	2,667.28	
	For 8' High Door, Add	471.90	
	For 10' High Door, Add	1,025.88	
	For 1" Insulated Glazing, Add	125.06	
08 42 26 00-0003	PR 6' x 7' x 1/2" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1/2").....	9,241.45	313.64
	Note: Including Trim And Hardware		
	For Anodized Color, Add	1,394.63	
	For Stainless Steel, Add	5,036.15	
	For 8' High Door, Add	891.01	
	For 10' High Door, Add	1,936.98	
	For 1" Insulated Glazing, Add	250.12	
08 42 26 00-0004	EA 3' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door.....	5,888.24	261.37
	Note: Including Trim And Hardware		
	For Anodized Color, Add	871.70	
	For Stainless Steel, Add	3,147.80	
	For 8' High Door, Add	556.92	
	For 10' High Door, Add	1,210.69	
	For 1" Insulated Glazing, Add	125.06	
08 42 26 00-0005	PR 6' x 7' x 5/8" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 5/8").....	10,833.14	313.64
	Note: Including Trim And Hardware		
	For Anodized Color, Add	1,681.13	
	For Stainless Steel, Add	6,070.75	
	For 8' High Door, Add	1,074.06	
	For 10' High Door, Add	2,334.91	
	For 1" Insulated Glazing, Add	250.12	
08 42 26 00-0006	EA 3' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door.....	6,624.61	261.37
	Note: Including Trim And Hardware		
	For Anodized Color, Add	1,004.25	
	For Stainless Steel, Add	3,626.44	
	For 8' High Door, Add	641.60	
	For 10' High Door, Add	1,394.79	
	For 1" Insulated Glazing, Add	125.06	
08 42 26 00-0007	PR 6' x 7' x 3/4" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 3/4").....	12,422.24	313.64
	Note: Including Trim And Hardware		
	For Anodized Color, Add	1,967.17	
	For Stainless Steel, Add	7,103.67	
	For 8' High Door, Add	1,256.80	
	For 10' High Door, Add	2,732.18	
	For 1" Insulated Glazing, Add	250.12	
08 42 26 00-0008	EA 3' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door.....	8,100.22	261.37
	Note: Including Trim And Hardware		
	For Anodized Color, Add	1,269.86	
	For Stainless Steel, Add	4,585.59	
	For 8' High Door, Add	811.30	
	For 10' High Door, Add	1,763.69	
	For 1" Insulated Glazing, Add	125.06	
08 42 26 00-0009	PR 6' x 7' x 1" Thick, Full Glass, Tempered, Glass Entrance Door (Per Pair 3' x 7' x 1").....	15,603.01	313.64
	Note: Including Trim And Hardware		
	For Anodized Color, Add	2,539.71	
	For Stainless Steel, Add	9,171.17	
	For 8' High Door, Add	1,622.59	
	For 10' High Door, Add	3,527.37	
	For 1" Insulated Glazing, Add	250.12	

08 42 26 00-0010 Frames For Full Glass Doors (08 42 26)

08 42 26 00-0011	LF Glass Entrance Door, Light Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head.....	26.33	3.13
08 42 26 00-0012	LF Glass Entrance Door, Heavy Weight Aluminum Frame, 1/8" x 17" Shaped Jamb - Head.....	34.07	4.18

08 42 29 Automatic Entrances (08 42)

08 42 29 23 Sliding Automatic Entrances (08 42 29)

Note: Power-operated automatic sliding doors may be used as emergency egress doors as they can break-out in the direction of egress. Excludes glazing. See CSI section 08 80 00 00-0000 for glazing.

08 42 29 23-0001 Bronze Finished Framed Sliding Automatic Entrances (08 42 29 23)

08 42 29 23-0002 2 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-0001)

Note: Single sliding.

08 42 29 23-0003	EA 5'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,578.26	104.54
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	177.69	
	For Emergency Egress On All Panels, Add	473.83	
08 42 29 23-0004	EA 6'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	2,863.47	141.14
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	193.59	
	For Emergency Egress On All Panels, Add	516.24	
08 42 29 23-0005	EA 7'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance.....	3,114.72	156.82
	For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add	210.08	
	For Emergency Egress On All Panels, Add	560.22	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 42 29 23-0006	EA	8'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,358.89 226.04 602.78	172.51
08 42 29 23-0007	EA	10'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,414.57 299.73 799.28	209.10
08 42 29 23-0008	EA	12'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,582.09 306.80 818.14	245.69
08 42 29 23-0009	EA	15'-0" x 6'-8" 2 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	6,128.71 417.31 1,112.83	282.28
08 42 29 23-0010		4 Panel, Bronze Finished Framed Sliding Automatic Entrance (08 42 29 23-0001) Note: Bi-parting.		
08 42 29 23-0011	EA	12'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,159.27 347.74 927.31	261.37
08 42 29 23-0012	EA	14'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,656.81 381.14 1,016.36	287.50
08 42 29 23-0013	EA	16'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	6,154.36 414.53 1,105.42	313.64
08 42 29 23-0014	EA	18'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	7,444.05 507.34 1,352.90	339.77
08 42 29 23-0015	EA	20'-0" x 6'-8" 4 Panel, Bronze Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	8,733.74 600.14 1,600.38	365.81
08 42 29 23-0016		Aluminum Finished Framed Sliding Automatic Entrances (08 42 29 23)		
08 42 29 23-0017		2 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016) Note: Single sliding.		
08 42 29 23-0018	EA	5'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,355.06 160.95 429.19	104.54
08 42 29 23-0019	EA	6'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,620.31 175.35 467.61	141.14
08 42 29 23-0020	EA	7'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	2,846.74 189.98 506.62	156.82
08 42 29 23-0021	EA	8'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,074.95 204.75 545.99	172.51
08 42 29 23-0022	EA	9'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	3,556.52 238.12 634.99	190.80
08 42 29 23-0023	EA	10'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,038.10 271.49 723.98	209.10
08 42 29 23-0024	EA	12'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,196.71 277.90 741.07	245.69
08 42 29 23-0025	EA	15'-0" x 6'-8" 2 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,604.57 378.00 1,008.00	282.28
08 42 29 23-0026		4 Panel, Aluminum Finished Framed Sliding Automatic Entrance (08 42 29 23-0016) Note: Bi-parting.		
08 42 29 23-0027	EA	10'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,486.37 299.23 797.95	248.30
08 42 29 23-0028	EA	12'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	4,722.49 314.98 839.95	261.37
08 42 29 23-0029	EA	14'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,178.07 345.23 920.61	287.50
08 42 29 23-0030	EA	16'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	5,633.65 375.48 1,001.27	313.64
08 42 29 23-0031	EA	18'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	6,806.79 459.54 1,225.45	339.77
08 42 29 23-0032	EA	20'-0" x 6'-8" 4 Panel, Aluminum Finished Framed Sliding Automatic Entrance..... <i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i> <i>For Emergency Egress On All Panels, Add</i>	7,979.94 543.61 1,449.62	365.81
08 42 29 23-0033		Stainless Steel Framed Sliding Automatic Entrances (08 42 29 23)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 23-0034 2 Panel, Stainless Steel Framed Sliding Automatic Entrance <small>(08 42 29 23-0033)</small>		
<i>Note: Single sliding.</i>		
08 42 29 23-0035 EA 5'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	2,955.50	104.54
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0036 EA 6'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	3,274.49	141.14
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0037 EA 7'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	3,807.43	156.82
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0038 EA 8'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	4,370.81	172.51
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0039 EA 10'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	5,050.95	209.10
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0040 EA 12'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	5,233.46	245.69
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0041 EA 15'-0" x 6'-8" 2 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	7,014.77	282.28
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
	483.77	
	1,290.04	
08 42 29 23-0042 4 Panel, Stainless Steel Framed Sliding Automatic Entrance <small>(08 42 29 23-0033)</small>		
<i>Note: Bi-parting.</i>		
08 42 29 23-0043 EA 12'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	5,897.58	261.37
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0044 EA 14'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	6,466.00	287.50
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0045 EA 16'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	7,034.43	313.64
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0046 EA 18'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	8,521.19	339.77
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
08 42 29 23-0047 EA 20'-0" x 6'-8" 4 Panel, Stainless Steel Framed Sliding Automatic Entrance.....	10,007.96	365.91
<i>For 7'-8" Frame Height (6'-11" Clear Door Opening Height), Add</i>		
<i>For Emergency Egress On All Panels, Add</i>		
	695.71	
	1,855.23	
08 42 29 23-0048 Accessories For Sliding Automatic Entrances <small>(08 42 29 23)</small>		
<i>See CSI section 08 42 29 33-0006 for eye operators.</i>		
08 42 29 23-0049 EA Automatic 2 Panel Sliding Door Motor, Activation Eye Or Push Button Controls.....	6,409.28	1,143.06
<i>Note: Includes motor for pair of sliding doors (2 panels).</i>		
08 42 29 23-0050 EA Automatic 4 Panel Sliding Door Motor, Activation Eye Or Push Button Controls.....	10,744.46	1,714.59
<i>Note: Includes motor for pair of sliding doors (4 panel).</i>		
08 42 29 23-0051 Automatic Sliding Door System <small>(08 42 29 23)</small>		
08 42 29 23-0052 SF Entrance Technology Automatic Sliding Door System, #2000.....	145.22	11.43
08 42 29 23-0053 SF Entrance Technology Automatic Sliding Door System, #2010.....	152.87	11.43
08 42 29 23-0054 SF Entrance Technology Automatic Sliding Door System, #2020.....	160.51	11.43
08 42 29 23-0055 SF Entrance Technology Automatic Sliding Door System, #2030.....	175.81	11.43
08 42 29 33 Swinging Automatic Entrances <small>(08 42 29)</small>		
<i>Note: Excludes glazing.</i>		
08 42 29 33-0001 Swing Door Operators, Up To 350 LB Panel Weight <small>(08 42 29 33)</small>		
<i>Note: Includes electro-mechanical swinging door operator and electrical controls, aluminum header, connecting hardware, actuating controls, and on/off/hold open switch. Excludes activation device, doors, and power connection. Stanley Magic Force or equal.</i>		
08 42 29 33-0002 EA Concealed Single Door Swing Door Operator, Up To 350 LB Panel	4,178.60	543.14
<i>Note: For new storefront or existing concealed operator installations.</i>		
08 42 29 33-0003 EA Concealed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	7,271.58	724.23
<i>Note: For new storefront or existing concealed operator installations.</i>		
08 42 29 33-0004 EA Exposed Single Door Swing Door Operator, Up To 350 LB Panel	3,481.56	434.51
08 42 29 33-0005 EA Exposed Pair Of Doors Swing Door Operator, Up To 350 LB Panel	6,310.74	651.77
08 42 29 33-0006 Activation Devices For Door Operators <small>(08 42 29 33)</small>		
08 42 29 33-0007 EA Overhead Active Infrared Presence Detector For Door Operators (MS Sedco DH97)	374.00	43.45
<i>Note: Includes wiring harness and relays.</i>		
08 42 29 33-0008 EA On Door Active Infrared Presence Detector For Door Operator (Stanley Sentrex RS).....	333.30	43.45
<i>Note: Includes wiring harness and relays.</i>		
08 42 29 33-0009 EA Microwave Motion Sensor For Door Operator (MS Sedco D38).....	336.54	43.45
<i>Note: Includes wiring harness and relays.</i>		
08 42 29 33-0010 EA 4" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59-H).....	189.87	43.45
<i>Note: Excludes wiring from operator to push plate.</i>		
08 42 29 33-0011 EA 1-1/2" x 4", Americans With Disabilities Act Compliant Push Button For Door Operator (MS Sedco 59J-H).....	204.83	43.45
<i>Note: Excludes wiring from operator to push button.</i>		

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 42 Entrances**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 29 33-0012	EA		1-11/16" x 4-1/2", Jamb Mounted Push Button For Door Operator (MS Sedco 425).....	122.65	43.45
			Note: Excludes wiring from operator to push button.		
08 42 29 33-0013	EA		Radio Control System For Door Operator (MS Sedco Clearpath)	599.24	108.63
			Note: Includes receiver and two push plate transmitters.		
			<i>For Single Transmitter (Includes Receiver, One Push Plate Transmitter, And One Jamb Mounted Push Button), Deduct</i>	<i>-64.00</i>	
08 42 29 33-0014	EA		Combination Digital Camera/Motion Detector For Door Operators (Stanley StanVision).....	796.13	54.31
			Note: Includes wiring harness and relays.		
08 42 29 33-0015	EA		Guard Rail For Door With Operator	240.62	54.31
08 42 33 Revolving Door Entrances (08 42)					
08 42 33 00-0001 Aluminum Revolving Doors (08 42 33)					
			Note: Includes 3/4" tempered glass.		
08 42 33 00-0002	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware.....	36,502.64	6,102.91
			<i>For Automatic Controls, Add</i>	<i>8,206.63</i>	
			<i>For Powder Coated, Add</i>	<i>1,380.94</i>	
08 42 33 00-0003	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware.....	49,583.17	9,154.50
			<i>For Automatic Controls, Add</i>	<i>9,884.95</i>	
			<i>For Powder Coated, Add</i>	<i>1,735.31</i>	
08 42 33 00-0004	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Aluminum, With Frame And Hardware.....	74,674.96	10,985.34
			<i>For Automatic Controls, Add</i>	<i>10,891.94</i>	
			<i>For Powder Coated, Add</i>	<i>3,068.75</i>	
08 42 33 00-0005	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware.....	40,606.61	6,713.14
			<i>For Automatic Controls, Add</i>	<i>8,549.15</i>	
			<i>For Powder Coated, Add</i>	<i>1,546.50</i>	
08 42 33 00-0006	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware.....	54,864.44	10,070.26
			<i>For Automatic Controls, Add</i>	<i>10,342.67</i>	
			<i>For Powder Coated, Add</i>	<i>1,943.35</i>	
08 42 33 00-0007	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Aluminum, With Frame And Hardware.....	83,386.63	12,083.88
			<i>For Automatic Controls, Add</i>	<i>11,563.26</i>	
			<i>For Powder Coated, Add</i>	<i>3,436.67</i>	
08 42 33 00-0008 Stainless Steel Revolving Doors (08 42 33)					
			Note: Includes 3/4" tempered glass.		
08 42 33 00-0009	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware.....	37,418.05	6,102.91
			<i>For Automatic Controls, Add</i>	<i>8,206.63</i>	
08 42 33 00-0010	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware.....	50,733.49	9,154.50
			<i>For Automatic Controls, Add</i>	<i>9,884.95</i>	
08 42 33 00-0011	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Stainless Steel, With Frame And Hardware.....	76,709.21	10,985.34
			<i>For Automatic Controls, Add</i>	<i>10,891.94</i>	
08 42 33 00-0012	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware.....	41,634.21	6,713.14
			<i>For Automatic Controls, Add</i>	<i>8,549.15</i>	
08 42 33 00-0013	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware.....	56,155.73	10,070.26
			<i>For Automatic Controls, Add</i>	<i>10,342.67</i>	
08 42 33 00-0014	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Stainless Steel, With Frame And Hardware.....	85,670.19	12,083.88
			<i>For Automatic Controls, Add</i>	<i>11,563.26</i>	
08 42 33 00-0015 Bronze Revolving Doors (08 42 33)					
			Note: Includes 3/4" tempered glass.		
08 42 33 00-0016	EA		4'-6" To 5' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware.....	34,189.74	6,102.91
			<i>For Automatic Controls, Add</i>	<i>8,206.63</i>	
08 42 33 00-0017	EA		5'-6" To 6' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware.....	46,676.75	9,154.50
			<i>For Automatic Controls, Add</i>	<i>9,884.95</i>	
08 42 33 00-0018	EA		6'-6" To 7' Diameter Revolving Door 6'-10" To 7' High Door, Bronze, With Frame And Hardware.....	69,535.17	10,985.34
			<i>For Automatic Controls, Add</i>	<i>10,891.94</i>	
08 42 33 00-0019	EA		4'-6" To 5' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware.....	38,018.50	6,713.14
			<i>For Automatic Controls, Add</i>	<i>8,549.15</i>	
08 42 33 00-0020	EA		5'-6" To 6' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware.....	51,612.18	10,070.26
			<i>For Automatic Controls, Add</i>	<i>10,342.67</i>	
08 42 33 00-0021	EA		6'-6" To 7' Diameter Revolving Door 7'-2" To 8' High Door, Bronze, With Frame And Hardware.....	77,635.27	12,083.88
			<i>For Automatic Controls, Add</i>	<i>11,563.26</i>	
08 42 36 Balanced Door Entrances (08 42)					
08 42 36 00-0001 Balanced Doors, With Glass (08 42 36)					
			Note: Includes 3/4" tempered glass, check and door guide, top pivot with bearing, torsion bar closer spring, bottom arm, semi-automatic hold open device, floor box, door roller guide, bottom pivot, top arm.		
08 42 36 00-0002	EA		2'-6" x 7'-0" Balanced Door, Stainless Steel	18,886.48	319.05
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	<i>-4,522.15</i>	
			<i>For 70% Fluoropolymer Exterior Finish (Duramar), Add</i>	<i>1,808.86</i>	
			<i>For Tinted Glass, Add</i>	<i>904.43</i>	
			<i>For Aluminum, Painted Finish, Deduct</i>	<i>-5,426.58</i>	
08 42 36 00-0003	EA		3'-0" x 7'-0" Balanced Door, Stainless Steel	19,621.06	319.05
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	<i>-4,705.79</i>	
			<i>For 70% Fluoropolymer Exterior Finish (Duramar), Add</i>	<i>1,882.32</i>	
			<i>For Tinted Glass, Add</i>	<i>941.16</i>	
			<i>For Aluminum, Painted Finish, Deduct</i>	<i>-5,646.95</i>	
08 42 36 00-0004	EA		3'-6" x 7'-0" Balanced Door, Stainless Steel	21,405.15	319.05
			<i>For Bronze Instead Of Stainless Steel, Deduct</i>	<i>-5,151.82</i>	
			<i>For 70% Fluoropolymer Exterior Finish (Duramar), Add</i>	<i>2,060.73</i>	
			<i>For Tinted Glass, Add</i>	<i>1,030.36</i>	
			<i>For Aluminum, Painted Finish, Deduct</i>	<i>-6,182.18</i>	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 42 36 00-0005 EA 4'-0" x 7'-0" Balanced Door, Stainless Steel <i>For Bronze Instead Of Stainless Steel, Deduct</i> <i>For 70% Fluoropolymer Exterior Finish (Duramar), Add</i> <i>For Tinted Glass, Add</i> <i>For Aluminum, Painted Finish, Deduct</i>	23,504.14 -5,676.56 2,270.63 1,135.31 -6,811.88	319.05
08 42 36 00-0006 PR Pair 3'-0" x 7'-0" Balanced Door, Stainless Steel <i>For Bronze Instead Of Stainless Steel, Deduct</i> <i>For 70% Fluoropolymer Exterior Finish (Duramar), Add</i> <i>For Tinted Glass, Add</i> <i>For Aluminum, Painted Finish, Deduct</i>	39,162.37 -9,411.60 3,764.64 1,882.32 -11,293.91	606.40

08 43 Storefronts (08 40)

08 43 13 Aluminum-Framed Storefronts (08 43)

08 43 13 00-0001 Aluminum Storefront Framing Assembly (08 43 13)

Note: Includes frames, fasteners and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. See CSI section 08 43 13 00-0083 for reinforcing steel (where required), 08 81 23 23-0012 for tempered glazing, 08 81 23 23-0045 for laminated glazing, 08 81 23 23-0051 for insulated glazing.

08 43 13 00-0002 1-3/4" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0003 SF 5' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	27.04 0.92 2.77	7.67
08 43 13 00-0004 SF 6' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	24.29 0.83 2.49	6.91
08 43 13 00-0005 SF 7' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	22.33 0.76 2.28	6.37
08 43 13 00-0006 SF 8' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	20.86 0.71 2.13	5.96
08 43 13 00-0007 SF 9' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	19.73 0.67 2.01	5.64
08 43 13 00-0008 SF 10' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	18.81 0.64 1.92	5.39
08 43 13 00-0009 SF 11' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	18.06 0.61 1.84	5.19
08 43 13 00-0010 SF 12' High, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	17.44 0.59 1.77	5.01

08 43 13 00-0011 1-3/4" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001)

Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.

08 43 13 00-0012 SF 5' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	35.27 1.21 3.62	10.04
08 43 13 00-0013 SF 6' High With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	31.12 1.06 3.19	8.89
08 43 13 00-0014 SF 7' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	28.27 0.96 2.89	8.05
08 43 13 00-0015 SF 8' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	26.07 0.89 2.66	7.43
08 43 13 00-0016 SF 9' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	24.35 0.83 2.48	6.90
08 43 13 00-0017 SF 10' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	22.94 0.78 2.34	6.59
08 43 13 00-0018 SF 11' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly <i>For Various Color Class I Anodized Finish, Add</i> <i>For Black Color Class I Anodized Finish, Add</i>	21.86 0.74 2.22	6.27

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0019	SF		12' High, With Horizontal Mullion, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.91	5.96
			<i>For Various Color Class I Anodized Finish, Add</i>	0.71	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.13	
08 43 13 00-0020			1-3/4" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0021	SF		5' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	43.53	12.33
			<i>For Various Color Class I Anodized Finish, Add</i>	1.49	
			<i>For Black Color Class I Anodized Finish, Add</i>	4.47	
08 43 13 00-0022	SF		6' High With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	38.08	10.77
			<i>For Various Color Class I Anodized Finish, Add</i>	1.30	
			<i>For Black Color Class I Anodized Finish, Add</i>	3.90	
08 43 13 00-0023	SF		7' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	34.15	9.72
			<i>For Various Color Class I Anodized Finish, Add</i>	1.16	
			<i>For Black Color Class I Anodized Finish, Add</i>	3.49	
08 43 13 00-0024	SF		8' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.20	8.89
			<i>For Various Color Class I Anodized Finish, Add</i>	1.06	
			<i>For Black Color Class I Anodized Finish, Add</i>	3.19	
08 43 13 00-0025	SF		9' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.86	8.26
			<i>For Various Color Class I Anodized Finish, Add</i>	0.98	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.95	
08 43 13 00-0026	SF		10' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.06	7.74
			<i>For Various Color Class I Anodized Finish, Add</i>	0.92	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.76	
08 43 13 00-0027	SF		11' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.58	7.32
			<i>For Various Color Class I Anodized Finish, Add</i>	0.87	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.61	
08 43 13 00-0028	SF		12' High, With Two Horizontal Mullions, 1-3/4" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.34	7.00
			<i>For Various Color Class I Anodized Finish, Add</i>	0.83	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.48	
08 43 13 00-0029			2" x 4-1/2" Frame, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0030	SF		5' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.85	8.05
			<i>For Various Color Class I Anodized Finish, Add</i>	0.94	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.83	
08 43 13 00-0031	SF		6' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.03	7.22
			<i>For Various Color Class I Anodized Finish, Add</i>	0.84	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.53	
08 43 13 00-0032	SF		7' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.91	6.69
			<i>For Various Color Class I Anodized Finish, Add</i>	0.77	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.32	
08 43 13 00-0033	SF		8' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.39	6.27
			<i>For Various Color Class I Anodized Finish, Add</i>	0.72	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.16	
08 43 13 00-0034	SF		9' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	20.17	5.85
			<i>For Various Color Class I Anodized Finish, Add</i>	0.68	
			<i>For Black Color Class I Anodized Finish, Add</i>	2.03	
08 43 13 00-0035	SF		10' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	19.31	5.64
			<i>For Various Color Class I Anodized Finish, Add</i>	0.64	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.93	
08 43 13 00-0036	SF		11' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	18.42	5.43
			<i>For Various Color Class I Anodized Finish, Add</i>	0.62	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.85	
08 43 13 00-0037	SF		12' High, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	17.83	5.23
			<i>For Various Color Class I Anodized Finish, Add</i>	0.59	
			<i>For Black Color Class I Anodized Finish, Add</i>	1.78	
08 43 13 00-0038			2" x 4-1/2" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
			Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.		
08 43 13 00-0039	SF		5' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.96	10.87
			<i>For Various Color Class I Anodized Finish, Add</i>	1.23	
			<i>For Black Color Class I Anodized Finish, Add</i>	3.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0040 SF 6' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	32.52	9.61
<i>For Various Color Class I Anodized Finish, Add</i>	1.08	
<i>For Black Color Class I Anodized Finish, Add</i>	3.24	
08 43 13 00-0041 SF 7' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.41	8.68
<i>For Various Color Class I Anodized Finish, Add</i>	0.97	
<i>For Black Color Class I Anodized Finish, Add</i>	2.92	
08 43 13 00-0042 SF 8' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.04	8.05
<i>For Various Color Class I Anodized Finish, Add</i>	0.90	
<i>For Black Color Class I Anodized Finish, Add</i>	2.69	
08 43 13 00-0043 SF 9' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.30	7.53
<i>For Various Color Class I Anodized Finish, Add</i>	0.83	
<i>For Black Color Class I Anodized Finish, Add</i>	2.50	
08 43 13 00-0044 SF 10' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.74	7.10
<i>For Various Color Class I Anodized Finish, Add</i>	0.78	
<i>For Black Color Class I Anodized Finish, Add</i>	2.35	
08 43 13 00-0045 SF 11' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.55	6.69
<i>For Various Color Class I Anodized Finish, Add</i>	0.74	
<i>For Black Color Class I Anodized Finish, Add</i>	2.23	
08 43 13 00-0046 SF 12' High With Horizontal Mullion, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	21.57	6.38
<i>For Various Color Class I Anodized Finish, Add</i>	0.71	
<i>For Black Color Class I Anodized Finish, Add</i>	2.13	
08 43 13 00-0047 2" x 4-1/2" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>		
<small>Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.</small>		
08 43 13 00-0048 SF 5' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	44.71	12.96
<i>For Various Color Class I Anodized Finish, Add</i>	1.51	
<i>For Black Color Class I Anodized Finish, Add</i>	4.53	
08 43 13 00-0049 SF 6' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	39.06	11.29
<i>For Various Color Class I Anodized Finish, Add</i>	1.32	
<i>For Black Color Class I Anodized Finish, Add</i>	3.95	
08 43 13 00-0050 SF 7' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	34.97	10.14
<i>For Various Color Class I Anodized Finish, Add</i>	1.18	
<i>For Black Color Class I Anodized Finish, Add</i>	3.53	
08 43 13 00-0051 SF 8' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.99	9.30
<i>For Various Color Class I Anodized Finish, Add</i>	1.07	
<i>For Black Color Class I Anodized Finish, Add</i>	3.22	
08 43 13 00-0052 SF 9' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.59	8.58
<i>For Various Color Class I Anodized Finish, Add</i>	0.99	
<i>For Black Color Class I Anodized Finish, Add</i>	2.97	
08 43 13 00-0053 SF 10' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.67	8.05
<i>For Various Color Class I Anodized Finish, Add</i>	0.93	
<i>For Black Color Class I Anodized Finish, Add</i>	2.78	
08 43 13 00-0054 SF 11' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.16	7.63
<i>For Various Color Class I Anodized Finish, Add</i>	0.87	
<i>For Black Color Class I Anodized Finish, Add</i>	2.62	
08 43 13 00-0055 SF 12' High With Two Horizontal Mullions, 2" x 4-1/2" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.79	7.32
<i>For Various Color Class I Anodized Finish, Add</i>	0.83	
<i>For Black Color Class I Anodized Finish, Add</i>	2.49	
08 43 13 00-0056 2-1/2" x 5" Frame, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>		
<small>Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.</small>		
08 43 13 00-0057 SF 5' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	34.64	8.26
<i>For Various Color Class I Anodized Finish, Add</i>	1.33	
<i>For Black Color Class I Anodized Finish, Add</i>	3.99	
08 43 13 00-0058 SF 6' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.15	7.43
<i>For Various Color Class I Anodized Finish, Add</i>	1.20	
<i>For Black Color Class I Anodized Finish, Add</i>	3.59	
08 43 13 00-0059 SF 7' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.71	6.79
<i>For Various Color Class I Anodized Finish, Add</i>	1.10	
<i>For Black Color Class I Anodized Finish, Add</i>	3.30	
08 43 13 00-0060 SF 8' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	26.89	6.38
<i>For Various Color Class I Anodized Finish, Add</i>	1.03	
<i>For Black Color Class I Anodized Finish, Add</i>	3.09	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 43 Storefronts**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0061	SF	9' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	25.44	6.07	
		<i>For Various Color Class I Anodized Finish, Add</i>	0.97		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.92		
08 43 13 00-0062	SF	10' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	24.28	5.75	
		<i>For Various Color Class I Anodized Finish, Add</i>	0.93		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.79		
08 43 13 00-0063	SF	11' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	23.36	5.54	
		<i>For Various Color Class I Anodized Finish, Add</i>	0.89		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.68		
08 43 13 00-0064	SF	12' High, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	22.53	5.33	
		<i>For Various Color Class I Anodized Finish, Add</i>	0.86		
		<i>For Black Color Class I Anodized Finish, Add</i>	2.59		
08 43 13 00-0065		2-1/2" x 5" Frame With Horizontal Mullion, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>			
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, single horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.			
08 43 13 00-0066	SF	5' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	45.72	11.09	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.73		
		<i>For Black Color Class I Anodized Finish, Add</i>	5.20		
08 43 13 00-0067	SF	6' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	40.39	9.83	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.53		
		<i>For Black Color Class I Anodized Finish, Add</i>	4.60		
08 43 13 00-0068	SF	7' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.63	8.89	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.39		
		<i>For Black Color Class I Anodized Finish, Add</i>	4.17		
08 43 13 00-0069	SF	8' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	33.81	8.15	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.28		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.84		
08 43 13 00-0070	SF	9' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.58	7.63	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.20		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.59		
08 43 13 00-0071	SF	10' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	29.82	7.22	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.13		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.39		
08 43 13 00-0072	SF	11' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	28.39	6.90	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.08		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.23		
08 43 13 00-0073	SF	12' High with Horizontal Mullion, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	27.12	6.59	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.03		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.09		
08 43 13 00-0074		2-1/2" x 5" Frame With Two Horizontal Mullions, Aluminum Storefront Framing Assembly <small>(08 43 13 00-0001)</small>			
		Note: Includes subsill flashing, clear class II finish frames (sill, head jamb, vertical wall jamb, two horizontal mullion), fasteners, caulking and accessories. Excludes steel reinforcement, doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing.			
08 43 13 00-0075	SF	5' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	55.15	12.96	
		<i>For Various Color Class I Anodized Finish, Add</i>	2.14		
		<i>For Black Color Class I Anodized Finish, Add</i>	6.41		
08 43 13 00-0076	SF	6' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	48.49	11.50	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.87		
		<i>For Black Color Class I Anodized Finish, Add</i>	5.61		
08 43 13 00-0077	SF	7' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	43.53	10.35	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.68		
		<i>For Black Color Class I Anodized Finish, Add</i>	5.03		
08 43 13 00-0078	SF	8' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	39.87	9.41	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.53		
		<i>For Black Color Class I Anodized Finish, Add</i>	4.60		
08 43 13 00-0079	SF	9' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	36.97	8.78	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.42		
		<i>For Black Color Class I Anodized Finish, Add</i>	4.26		
08 43 13 00-0080	SF	10' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	34.65	8.26	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.33		
		<i>For Black Color Class I Anodized Finish, Add</i>	4.00		
08 43 13 00-0081	SF	11' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	32.70	7.74	
		<i>For Various Color Class I Anodized Finish, Add</i>	1.26		
		<i>For Black Color Class I Anodized Finish, Add</i>	3.78		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 43 13 00-0082 SF 12' High With Two Horizontal Mullions, 2-1/2" x 5" Frame, Vertical Mullions 4' On Center, Aluminum Storefront Framing Assembly.....	31.16	7.43
<i>For Various Color Class I Anodized Finish, Add</i>	1.20	
<i>For Black Color Class I Anodized Finish, Add</i>	3.59	
08 43 13 00-0083 Accessories For Aluminum Storefront Framing Assembly (08 43 13 00-0001)		
08 43 13 00-0084 LF For 3/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing.....	35.27	6.95
08 43 13 00-0085 LF For 1-1/4" x 4-3/16" x 10 Gauge Galvanized Steel Reinforcing, Storefront Framing	40.21	7.65
08 43 13 00-0086 LF For 1-7/16" x 4-5/8" x 1/4" Steel Reinforcing, Storefront Framing.....	61.69	8.41
08 43 19 Stainless-Steel-Framed Storefronts (08 43)		
08 43 19 00-0001 Stainless Steel Storefront Framing Assembly (08 43 19)		
Note: Includes frames, reinforcing and accessories. Excludes doors (revolving, full-glass, balanced, sliding, bi-parting, etc.) and glazing. Per SF of opening area. See CSI section 08 81 23 23-0051 for insulated glazing.		
08 43 19 00-0002 SF Stainless Steel Storefront Framing Assembly.....	54.83	5.23
<i>For 70% Fluoropolymer Exterior Finish (Duranar), Add</i>	4.69	
08 44 Curtain Wall and Glazed Assemblies (08 40)		
08 44 13 Glazed Aluminum Curtain Walls (08 44)		
08 44 13 00-0001 Curtain Walls (08 44 13)		
08 44 13 00-0002 Coping Sections (08 44 13 00-0001)		
08 44 13 00-0003 LF Curtain Wall, 1/8" x 8" Coping Section Shaped (3") Aluminum System Framing Section.....	68.38	3.13
<i>For Bronze Anodized Aluminum, Add</i>	7.51	
<i>For Stainless Steel, Add</i>	30.94	
<i>For Black Anodized Finish, Add</i>	13.51	
08 44 13 00-0004 LF Curtain Wall, 1/8" x 9" Coping Section Shaped (4") Aluminum System Framing Section.....	71.05	3.13
<i>For Bronze Anodized Aluminum, Add</i>	7.91	
<i>For Stainless Steel, Add</i>	32.54	
<i>For Black Anodized Finish, Add</i>	14.23	
08 44 13 00-0005 LF Curtain Wall, 1/8" x 12-1/2" Coping Section Shaped (5-1/2") Aluminum Framing Section.....	85.41	4.18
<i>For Bronze Anodized Aluminum, Add</i>	9.38	
<i>For Stainless Steel, Add</i>	38.67	
<i>For Black Anodized Finish, Add</i>	16.89	
08 44 13 00-0006 Sill Section (08 44 13 00-0001)		
08 44 13 00-0007 LF Aluminum Curtain Wall, 1/8" x 6" Sill Section Shaped Aluminum System Framing Section.....	53.15	2.09
<i>For Bronze Anodized Aluminum, Add</i>	6.04	
<i>For Stainless Steel, Add</i>	24.79	
<i>For Black Anodized Finish, Add</i>	10.86	
08 44 13 00-0008 LF Aluminum Curtain Wall, 1/8" x 7" Sill Section Shaped Aluminum System Framing Section.....	57.44	2.09
<i>For Bronze Anodized Aluminum, Add</i>	6.68	
<i>For Stainless Steel, Add</i>	27.36	
<i>For Black Anodized Finish, Add</i>	12.02	
08 44 13 00-0009 LF Aluminum Curtain Wall, 1/8" x 8-1/2" Sill Section Shaped Aluminum System Framing Section.....	61.79	2.09
<i>For Bronze Anodized Aluminum, Add</i>	7.33	
<i>For Stainless Steel, Add</i>	29.97	
<i>For Black Anodized Finish, Add</i>	13.20	
08 44 13 00-0010 Aluminum Column Covers (08 44 13 00-0001)		
Note: Includes all clips and fasteners.		
08 44 13 00-0011 LF Aluminum Column Covers, 1/8" x 26", Shaped.....	138.75	5.23
<i>For Bronze Anodized Aluminum, Add</i>	16.40	
<i>For Stainless Steel, Add</i>	67.05	
<i>For Black Anodized Finish, Add</i>	29.51	
08 44 13 00-0012 LF Aluminum Column Covers, 1/8" x 34", Shaped.....	170.76	5.23
<i>For Bronze Anodized Aluminum, Add</i>	20.93	
<i>For Stainless Steel, Add</i>	85.29	
<i>For Black Anodized Finish, Add</i>	37.68	
08 44 13 00-0013 LF Aluminum Column Covers, 1/8" x 38", Shaped.....	183.14	5.23
<i>For Bronze Anodized Aluminum, Add</i>	22.79	
<i>For Stainless Steel, Add</i>	92.72	
<i>For Black Anodized Finish, Add</i>	41.02	
08 44 13 00-0014 Spandrel Covers (08 44 13 00-0001)		
Note: Where exterior facing only is described in the following the interior face will be tempered hardboard (to be painted).		
08 44 13 00-0015 SF 1" Spandrel Cover, Aluminum Both Faces.....	56.20	2.09
<i>For Bronze Anodized Aluminum, Add</i>	7.11	
<i>For Stainless Steel, Add</i>	28.89	
<i>For Black Anodized Finish, Add</i>	12.80	
08 44 13 00-0016 SF 1" Spandrel Cover, Aluminum Exterior Face	49.16	2.09
<i>For Bronze Anodized Aluminum, Add</i>	6.06	
<i>For Stainless Steel, Add</i>	24.66	
<i>For Black Anodized Finish, Add</i>	10.90	

08 Openings**08 40 Entrances, Storefronts, and Curtain Walls****08 44 Curtain Wall and Glazed Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44	13 00-0017	SF	1" Spandrel Cover, Epoxy Both Faces..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	107.41 14.79 59.61 26.63	2.09
08 44	13 00-0018	SF	1" Spandrel Cover, Epoxy Exterior Face Only <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	87.57 11.82 47.71 21.27	2.09
08 44	13 00-0019	SF	2" Spandrel Cover, Aluminum Both Faces..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	63.07 7.80 31.75 14.04	2.09
08 44	13 00-0020	SF	2" Spandrel Cover, Aluminum Exterior Face..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	56.41 6.80 27.76 12.24	2.09
08 44	13 00-0021	SF	2" Spandrel Cover, Epoxy Both Faces..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	122.67 16.74 67.51 30.13	2.09
08 44	13 00-0022	SF	2" Spandrel Cover, Epoxy Exterior Face Only <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	99.79 13.31 53.79 23.95	2.09
08 44	13 00-0023		Curtain Wall, Aluminum System Framing Sections <small>(08 44 13 00-0001)</small> Note: The prices are based on stock shapes of anodized aluminum, plain color and of 0.125" thickness.		
08 44	13 00-0024	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	76.51 10.23 41.35 18.42	2.09
08 44	13 00-0025	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Head Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	76.35 10.23 41.34 18.42	2.09
08 44	13 00-0026	LF	Aluminum System Curtain Wall, 1-1/2" x 3" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	76.35 10.23 41.34 18.42 18.27	2.09
08 44	13 00-0027	LF	Aluminum System Curtain Wall, 2" x 4" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	94.07 12.23 49.54 22.01	4.18
08 44	13 00-0028	LF	Aluminum System Curtain Wall, 2" x 4" Horizontal Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	94.07 12.23 49.54 22.01	4.18
08 44	13 00-0029	LF	Aluminum System Curtain Wall, 2" x 4" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	94.07 12.23 49.54 22.01 22.26	4.18
08 44	13 00-0030	LF	Aluminum System Curtain Wall, 2" x 6" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	103.28 13.40 54.30 24.12	4.60
08 44	13 00-0031	LF	Aluminum System Curtain Wall, 2" x 6" Horizontal Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	103.28 13.40 54.30 24.12	4.60
08 44	13 00-0032	LF	Aluminum System Curtain Wall, 2" x 6" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	103.28 13.40 54.30 24.12 24.43	4.60
08 44	13 00-0033	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	112.69 14.58 59.09 26.24	5.23
08 44	13 00-0034	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	112.69 14.58 59.09 26.24	5.23
08 44	13 00-0035	LF	Aluminum System Curtain Wall, 3" x 5-1/2" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	112.69 14.58 59.09 26.24 26.62	5.23
08 44	13 00-0036	LF	Aluminum System Curtain Wall, 3" x 6-3/4" Jamb Aluminum Framed Window Walls..... <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	126.54 16.44 66.62 29.60	5.64

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 44 13 00-0037 LF Aluminum System Curtain Wall, 3" x 6-3/4" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	126.54 16.44 66.62 29.60	5.64
08 44 13 00-0038 LF Aluminum System Curtain Wall, 3" x 6-3/4" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	126.54 16.44 66.62 29.60 29.94	5.64
08 44 13 00-0039 LF Aluminum System Curtain Wall, 3" x 8-3/4" Jamb Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	145.26 18.88 76.49 33.98	6.27
08 44 13 00-0040 LF Aluminum System Curtain Wall, 3" x 8-3/4" Horizontal Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i>	145.26 18.88 76.49 33.98	6.27
08 44 13 00-0041 LF Aluminum System Curtain Wall, 3" x 8-3/4" Mullion Aluminum Framed Window Walls <i>For Bronze Anodized Aluminum, Add</i> <i>For Stainless Steel, Add</i> <i>For Black Anodized Finish, Add</i> <i>For Corner Mullion, Add</i>	145.26 18.88 76.49 33.98 34.38	6.27

08 45 Translucent Wall and Roof Assemblies (08 40)

08 45 23 Fiberglass-Sandwich-Panel Assemblies (08 45)

08 45 23 00-0001 Translucent Fiberglass Sandwich-Panels 2-3/4" Thick (08 45 23)

08 45 23 00-0002 SF <5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed <i>For Aluminum Frame, Add</i>	130.07 11.97	6.90
08 45 23 00-0003 SF >5,000 SF Translucent Fiberglass Sandwich-Panel 2-3/4" Thick, Metal Framed <i>For Aluminum Frame, Add</i>	119.09 11.03	5.88

08 50 Windows (08)

Note: Includes hardware, caulk, sealant and mounting anchors. Operable windows include weather stripping. Demolition includes removal of frame, glass and insect screens.

08 51 Metal Windows (08 50)

08 51 13 Aluminum Windows (08 51)

See CSI section 08 80 00 00-0000 for glazing.

08 51 13 00-0001 Aluminum Windows (08 51 13)

Note: Includes standard acrylic paint finish. Excludes glazing, panning and aluminum trim.

08 51 13 00-0002 Single Hung Aluminum Windows (08 51 13 00-0001)

08 51 13 00-0003 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) (08 51 13 00-0002)

08 51 13 00-0004 EA Up To 6 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duramar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	505.77 6.46 19.37 16.14 22.60	109.74
08 51 13 00-0005 EA >6 To 10 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duramar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	567.05 7.45 22.36 18.64 26.09	116.59
08 51 13 00-0006 EA >10 To 15 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duramar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	619.65 8.28 24.83 20.70 28.97	123.45
08 51 13 00-0007 EA >15 To 20 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duramar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	663.58 8.93 26.78 22.32 31.25	130.31
08 51 13 00-0008 EA >20 To 30 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duramar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	759.53 10.62 31.86 26.55 37.16	137.16
08 51 13 00-0009 SF >30 SF, 2-3/8" Frame Depth, C 30, Single Hung Aluminum Window (Torrance Aluminum Series 350) <i>For 50% Fluoropolymer Finish (Acrynar), Add</i> <i>For 70% Fluoropolymer Finish (Duramar), Add</i> <i>For Clear Anodized Finish, Add</i> <i>For Color Anodized Finish, Add</i>	24.57 0.35 1.06 0.89 1.24	4.12

08 51 13 00-0010 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400) (08 51 13 00-0002)

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0011	EA	Up To 6 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	541.65	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.18	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	21.53	
		<i>For Clear Anodized Finish, Add</i>	17.94	
		<i>For Color Anodized Finish, Add</i>	25.11	
08 51 13 00-0012	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	608.46	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.28	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	24.85	
		<i>For Clear Anodized Finish, Add</i>	20.71	
		<i>For Color Anodized Finish, Add</i>	28.99	
08 51 13 00-0013	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	665.64	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.20	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	27.59	
		<i>For Clear Anodized Finish, Add</i>	22.99	
		<i>For Color Anodized Finish, Add</i>	32.19	
08 51 13 00-0014	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	713.18	130.31
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.92	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	29.76	
		<i>For Clear Anodized Finish, Add</i>	24.80	
		<i>For Color Anodized Finish, Add</i>	34.72	
08 51 13 00-0015	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	818.52	137.16
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.80	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	35.39	
		<i>For Clear Anodized Finish, Add</i>	29.50	
		<i>For Color Anodized Finish, Add</i>	41.29	
08 51 13 00-0016	SF	>30 SF, 2-3/4" Frame Depth, C 35, Tilt In Sash, Single Hung Aluminum Window (Traco TR-5400)	26.53	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.39	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.18	
		<i>For Clear Anodized Finish, Add</i>	0.98	
		<i>For Color Anodized Finish, Add</i>	1.38	
08 51 13 00-0017		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0018	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	796.88	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.28	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	36.84	
		<i>For Clear Anodized Finish, Add</i>	30.70	
		<i>For Color Anodized Finish, Add</i>	42.98	
08 51 13 00-0019	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	885.36	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.82	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	41.46	
		<i>For Clear Anodized Finish, Add</i>	34.55	
		<i>For Color Anodized Finish, Add</i>	48.37	
08 51 13 00-0020	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	959.39	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.07	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	45.22	
		<i>For Clear Anodized Finish, Add</i>	37.68	
		<i>For Color Anodized Finish, Add</i>	52.75	
08 51 13 00-0021	EA	>15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,031.01	130.31
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	16.28	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	48.83	
		<i>For Clear Anodized Finish, Add</i>	40.69	
		<i>For Color Anodized Finish, Add</i>	56.97	
08 51 13 00-0022	EA	>20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	1,223.03	137.16
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	19.89	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	59.67	
		<i>For Clear Anodized Finish, Add</i>	49.72	
		<i>For Color Anodized Finish, Add</i>	69.61	
08 51 13 00-0023	SF	>30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9100)	40.02	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.66	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.99	
		<i>For Clear Anodized Finish, Add</i>	1.66	
		<i>For Color Anodized Finish, Add</i>	2.32	
08 51 13 00-0024		3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0025	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	840.22	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.15	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	39.44	
		<i>For Clear Anodized Finish, Add</i>	32.87	
		<i>For Color Anodized Finish, Add</i>	46.01	
08 51 13 00-0026	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	945.55	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.02	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	45.07	
		<i>For Clear Anodized Finish, Add</i>	37.56	
		<i>For Color Anodized Finish, Add</i>	52.59	
08 51 13 00-0027	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700)	1,031.62	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	16.52	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	49.55	
		<i>For Clear Anodized Finish, Add</i>	41.29	
		<i>For Color Anodized Finish, Add</i>	57.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0028 EA >15 To 20 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	1,115.29	130.31
For 50% Fluoropolymer Finish (Acrynar), Add	17.96	
For 70% Fluoropolymer Finish (Duranar), Add	53.89	
For Clear Anodized Finish, Add	44.91	
For Color Anodized Finish, Add	62.87	
08 51 13 00-0029 EA >20 To 30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	1,326.56	137.16
For 50% Fluoropolymer Finish (Acrynar), Add	21.96	
For 70% Fluoropolymer Finish (Duranar), Add	65.88	
For Clear Anodized Finish, Add	54.90	
For Color Anodized Finish, Add	76.86	
08 51 13 00-0030 SF >30 SF, 3-1/4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	43.46	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	0.73	
For 70% Fluoropolymer Finish (Duranar), Add	2.20	
For Clear Anodized Finish, Add	1.83	
For Color Anodized Finish, Add	2.56	
08 51 13 00-0031 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0032 EA Up To 6 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	922.08	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	14.78	
For 70% Fluoropolymer Finish (Duranar), Add	44.35	
For Clear Anodized Finish, Add	36.96	
For Color Anodized Finish, Add	51.74	
08 51 13 00-0033 EA >6 To 10 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	1,058.72	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	17.29	
For 70% Fluoropolymer Finish (Duranar), Add	51.86	
For Clear Anodized Finish, Add	43.22	
For Color Anodized Finish, Add	60.51	
08 51 13 00-0034 EA >10 To 15 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	1,147.20	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	18.83	
For 70% Fluoropolymer Finish (Duranar), Add	56.49	
For Clear Anodized Finish, Add	47.07	
For Color Anodized Finish, Add	65.90	
08 51 13 00-0035 EA >15 To 20 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	1,230.86	130.31
For 50% Fluoropolymer Finish (Acrynar), Add	20.27	
For 70% Fluoropolymer Finish (Duranar), Add	60.82	
For Clear Anodized Finish, Add	50.68	
For Color Anodized Finish, Add	70.96	
08 51 13 00-0036 EA >20 To 30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	1,425.28	137.16
For 50% Fluoropolymer Finish (Acrynar), Add	23.93	
For 70% Fluoropolymer Finish (Duranar), Add	71.80	
For Clear Anodized Finish, Add	59.83	
For Color Anodized Finish, Add	83.77	
08 51 13 00-0037 SF >30 SF, 4" Frame Depth, HC 40, Side Loading Sash, Single Hung Aluminum Window (Traco TR-9700).....	46.76	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	0.80	
For 70% Fluoropolymer Finish (Duranar), Add	2.39	
For Clear Anodized Finish, Add	2.00	
For Color Anodized Finish, Add	2.79	
08 51 13 00-0038 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL) <small>(08 51 13 00-0002)</small>		
08 51 13 00-0039 EA Up To 6 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL).....	1,106.87	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	18.48	
For 70% Fluoropolymer Finish (Duranar), Add	55.44	
For Clear Anodized Finish, Add	46.20	
For Color Anodized Finish, Add	64.68	
08 51 13 00-0040 EA >6 To 10 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL).....	1,274.80	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	21.61	
For 70% Fluoropolymer Finish (Duranar), Add	64.83	
For Clear Anodized Finish, Add	54.02	
For Color Anodized Finish, Add	75.63	
08 51 13 00-0041 EA >10 To 15 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL).....	1,382.55	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	23.54	
For 70% Fluoropolymer Finish (Duranar), Add	70.61	
For Clear Anodized Finish, Add	58.84	
For Color Anodized Finish, Add	82.38	
08 51 13 00-0042 EA >15 To 20 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL).....	1,484.29	130.31
For 50% Fluoropolymer Finish (Acrynar), Add	25.34	
For 70% Fluoropolymer Finish (Duranar), Add	76.03	
For Clear Anodized Finish, Add	63.36	
For Color Anodized Finish, Add	88.70	
08 51 13 00-0043 EA >20 To 30 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL).....	1,724.46	137.16
For 50% Fluoropolymer Finish (Acrynar), Add	29.92	
For 70% Fluoropolymer Finish (Duranar), Add	89.75	
For Clear Anodized Finish, Add	74.79	
For Color Anodized Finish, Add	104.71	
08 51 13 00-0044 SF >30 SF, 4" Frame Depth, HC 70, Single Hung Aluminum Window (Kawneer 8400TL).....	56.72	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	1.00	
For 70% Fluoropolymer Finish (Duranar), Add	2.99	
For Clear Anodized Finish, Add	2.49	
For Color Anodized Finish, Add	3.49	
08 51 13 00-0045 Double Hung Aluminum Windows <small>(08 51 13 00-0001)</small>		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 51 13 00-0046		3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000) <small>(08 51 13 00-0045)</small>			
08 51 13 00-0047	EA	Up To 6 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	606.66		109.74
		For 50% Fluoropolymer Finish (Acrynar), Add	8.48		
		For 70% Fluoropolymer Finish (Duramar), Add	25.43		
		For Clear Anodized Finish, Add	21.19		
		For Color Anodized Finish, Add	29.66		
08 51 13 00-0048	EA	>6 To 10 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	671.06		116.59
		For 50% Fluoropolymer Finish (Acrynar), Add	9.53		
		For 70% Fluoropolymer Finish (Duramar), Add	28.60		
		For Clear Anodized Finish, Add	23.84		
		For Color Anodized Finish, Add	33.37		
08 51 13 00-0049	EA	>10 To 15 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	725.83		123.45
		For 50% Fluoropolymer Finish (Acrynar), Add	10.40		
		For 70% Fluoropolymer Finish (Duramar), Add	31.20		
		For Clear Anodized Finish, Add	26.00		
		For Color Anodized Finish, Add	36.41		
08 51 13 00-0050	EA	>15 To 20 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	783.01		130.31
		For 50% Fluoropolymer Finish (Acrynar), Add	11.32		
		For 70% Fluoropolymer Finish (Duramar), Add	33.95		
		For Clear Anodized Finish, Add	28.29		
		For Color Anodized Finish, Add	39.61		
08 51 13 00-0051	EA	>20 To 30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	912.42		137.16
		For 50% Fluoropolymer Finish (Acrynar), Add	13.68		
		For 70% Fluoropolymer Finish (Duramar), Add	41.03		
		For Clear Anodized Finish, Add	34.19		
		For Color Anodized Finish, Add	47.87		
08 51 13 00-0052	SF	>30 SF, 3-1/4" Frame Depth, C 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-5000).....	29.66		4.12
		For 50% Fluoropolymer Finish (Acrynar), Add	0.46		
		For 70% Fluoropolymer Finish (Duramar), Add	1.37		
		For Clear Anodized Finish, Add	1.14		
		For Color Anodized Finish, Add	1.60		
08 51 13 00-0053		4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000) <small>(08 51 13 00-0045)</small>			
08 51 13 00-0054	EA	Up To 6 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	743.91		109.74
		For 50% Fluoropolymer Finish (Acrynar), Add	11.22		
		For 70% Fluoropolymer Finish (Duramar), Add	33.66		
		For Clear Anodized Finish, Add	28.05		
		For Color Anodized Finish, Add	39.27		
08 51 13 00-0055	EA	>6 To 10 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	861.28		116.59
		For 50% Fluoropolymer Finish (Acrynar), Add	13.34		
		For 70% Fluoropolymer Finish (Duramar), Add	40.02		
		For Clear Anodized Finish, Add	33.35		
		For Color Anodized Finish, Add	46.69		
08 51 13 00-0056	EA	>10 To 15 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	956.98		123.45
		For 50% Fluoropolymer Finish (Acrynar), Add	15.02		
		For 70% Fluoropolymer Finish (Duramar), Add	45.07		
		For Clear Anodized Finish, Add	37.56		
		For Color Anodized Finish, Add	52.59		
08 51 13 00-0057	EA	>15 To 20 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	1,064.72		130.31
		For 50% Fluoropolymer Finish (Acrynar), Add	16.95		
		For 70% Fluoropolymer Finish (Duramar), Add	50.85		
		For Clear Anodized Finish, Add	42.38		
		For Color Anodized Finish, Add	59.33		
08 51 13 00-0058	EA	>20 To 30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	1,261.55		137.16
		For 50% Fluoropolymer Finish (Acrynar), Add	20.66		
		For 70% Fluoropolymer Finish (Duramar), Add	61.98		
		For Clear Anodized Finish, Add	51.65		
		For Color Anodized Finish, Add	72.31		
08 51 13 00-0059	SF	>30 SF, 4" Frame Depth, HC 45, Tilt In Sash, Double Hung Aluminum Window (Traco TR-9000).....	41.29		4.12
		For 50% Fluoropolymer Finish (Acrynar), Add	0.69		
		For 70% Fluoropolymer Finish (Duramar), Add	2.07		
		For Clear Anodized Finish, Add	1.72		
		For Color Anodized Finish, Add	2.41		
08 51 13 00-0060		4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400) <small>(08 51 13 00-0045)</small>			
08 51 13 00-0061	EA	Up To 6 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	934.12		109.74
		For 50% Fluoropolymer Finish (Acrynar), Add	15.02		
		For 70% Fluoropolymer Finish (Duramar), Add	45.07		
		For Clear Anodized Finish, Add	37.56		
		For Color Anodized Finish, Add	52.59		
08 51 13 00-0062	EA	>6 To 10 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,070.76		116.59
		For 50% Fluoropolymer Finish (Acrynar), Add	17.53		
		For 70% Fluoropolymer Finish (Duramar), Add	52.59		
		For Clear Anodized Finish, Add	43.82		
		For Color Anodized Finish, Add	61.35		
08 51 13 00-0063	EA	>10 To 15 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,185.72		123.45
		For 50% Fluoropolymer Finish (Acrynar), Add	19.60		
		For 70% Fluoropolymer Finish (Duramar), Add	58.80		
		For Clear Anodized Finish, Add	49.00		
		For Color Anodized Finish, Add	68.60		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0064 EA >15 To 20 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,298.28	130.31
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	21.62	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	64.87	
<i>For Clear Anodized Finish, Add</i>	54.06	
<i>For Color Anodized Finish, Add</i>	75.68	
08 51 13 00-0065 EA >20 To 30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	1,567.34	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	26.77	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	80.32	
<i>For Clear Anodized Finish, Add</i>	66.94	
<i>For Color Anodized Finish, Add</i>	93.71	
08 51 13 00-0066 SF >30 SF, 4" Frame Depth, HC 50, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9400).....	51.48	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.89	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	2.68	
<i>For Clear Anodized Finish, Add</i>	2.23	
<i>For Color Anodized Finish, Add</i>	3.12	
08 51 13 00-0067 4" Frame Depth, HC 70, Double Hung Aluminum Window (Kawneer 8400TL) (08 51 13 00-0045)		
08 51 13 00-0068 EA Up To 6 SF, 4" Frame Depth, HC 70, Double Hung Aluminum Window (Kawneer 8400TL).....	1,121.93	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	18.78	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	56.34	
<i>For Clear Anodized Finish, Add</i>	46.95	
<i>For Color Anodized Finish, Add</i>	65.73	
08 51 13 00-0069 EA >6 To 10 SF, 4" Frame Depth, HC 70, Double Hung Aluminum Window (Kawneer 8400TL).....	1,289.86	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	21.91	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	65.73	
<i>For Clear Anodized Finish, Add</i>	54.78	
<i>For Color Anodized Finish, Add</i>	76.69	
08 51 13 00-0070 EA >10 To 15 SF, 4" Frame Depth, HC 70, Double Hung Aluminum Window (Kawneer 8400TL).....	1,430.70	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	24.50	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	73.50	
<i>For Clear Anodized Finish, Add</i>	61.25	
<i>For Color Anodized Finish, Add</i>	85.75	
08 51 13 00-0071 EA >15 To 20 SF, 4" Frame Depth, HC 70, Double Hung Aluminum Window (Kawneer 8400TL).....	1,568.56	130.31
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	27.03	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	81.08	
<i>For Clear Anodized Finish, Add</i>	67.57	
<i>For Color Anodized Finish, Add</i>	94.60	
08 51 13 00-0072 EA >20 To 30 SF, 4" Frame Depth, HC 70, Double Hung Aluminum Window (Kawneer 8400TL).....	1,902.02	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	33.47	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	100.40	
<i>For Clear Anodized Finish, Add</i>	83.67	
<i>For Color Anodized Finish, Add</i>	117.14	
08 51 13 00-0073 SF >30 SF, 4" Frame Depth, HC 70, Double Hung Aluminum Window (Kawneer 8400TL).....	62.63	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.12	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	3.35	
<i>For Clear Anodized Finish, Add</i>	2.79	
<i>For Color Anodized Finish, Add</i>	3.90	
08 51 13 00-0074 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900) (08 51 13 00-0045)		
08 51 13 00-0075 EA Up To 10 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	1,453.59	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	25.19	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	75.56	
<i>For Clear Anodized Finish, Add</i>	62.96	
<i>For Color Anodized Finish, Add</i>	88.15	
08 51 13 00-0076 EA >10 To 15 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	1,592.64	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	27.74	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	83.21	
<i>For Clear Anodized Finish, Add</i>	69.34	
<i>For Color Anodized Finish, Add</i>	97.08	
08 51 13 00-0077 EA >15 To 20 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	1,755.76	130.31
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	30.77	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	92.31	
<i>For Clear Anodized Finish, Add</i>	76.93	
<i>For Color Anodized Finish, Add</i>	107.70	
08 51 13 00-0078 EA >20 To 30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	2,029.64	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	36.02	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	108.06	
<i>For Clear Anodized Finish, Add</i>	90.05	
<i>For Color Anodized Finish, Add</i>	126.07	
08 51 13 00-0079 SF >30 SF, 4-1/2" Frame Depth, HC 65, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9900).....	66.81	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.20	
<i>For 70% Fluoropolymer Finish (Duramar), Add</i>	3.60	
<i>For Clear Anodized Finish, Add</i>	3.00	
<i>For Color Anodized Finish, Add</i>	4.20	
08 51 13 00-0080 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600) (08 51 13 00-0045)		

08 Openings

08 50 Windows

08 51 Metal Windows

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0081	EA	Up To 10 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	1,997.75	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	36.07	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	108.21	
		<i>For Clear Anodized Finish, Add</i>	90.17	
		<i>For Color Anodized Finish, Add</i>	126.24	
08 51 13 00-0082	EA	>10 To 15 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,153.65	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	38.96	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	116.87	
		<i>For Clear Anodized Finish, Add</i>	97.40	
		<i>For Color Anodized Finish, Add</i>	136.35	
08 51 13 00-0083	EA	>15 To 20 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,331.22	130.31
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	42.28	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	126.84	
		<i>For Clear Anodized Finish, Add</i>	105.70	
		<i>For Color Anodized Finish, Add</i>	147.98	
08 51 13 00-0084	EA	>20 To 30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	2,638.81	137.16
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	48.20	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	144.61	
		<i>For Clear Anodized Finish, Add</i>	120.51	
		<i>For Color Anodized Finish, Add</i>	168.71	
08 51 13 00-0085	SF	>30 SF, 5-1/4" Frame Depth, HC 80, Side Loading Sash, Double Hung Aluminum Window (Traco TR-9600).....	87.28	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.61	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	4.83	
		<i>For Clear Anodized Finish, Add</i>	4.02	
		<i>For Color Anodized Finish, Add</i>	5.63	
08 51 13 00-0086		Horizontal Sliding Aluminum Windows <small>(08 51 13 00-0001)</small>		
08 51 13 00-0087		One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Windows <small>(08 51 13 00-0086)</small>		
08 51 13 00-0088		2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400) <small>(08 51 13 00-0087)</small>		
08 51 13 00-0089	EA	Up To 6 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	553.69	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.42	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	22.25	
		<i>For Clear Anodized Finish, Add</i>	18.54	
		<i>For Color Anodized Finish, Add</i>	25.96	
08 51 13 00-0090	EA	>6 To 10 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	622.91	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.57	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	25.72	
		<i>For Clear Anodized Finish, Add</i>	21.43	
		<i>For Color Anodized Finish, Add</i>	30.00	
08 51 13 00-0091	EA	>10 To 15 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	675.27	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	9.39	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	28.17	
		<i>For Clear Anodized Finish, Add</i>	23.48	
		<i>For Color Anodized Finish, Add</i>	32.87	
08 51 13 00-0092	EA	>15 To 20 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	730.04	130.31
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.26	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	30.77	
		<i>For Clear Anodized Finish, Add</i>	25.64	
		<i>For Color Anodized Finish, Add</i>	35.90	
08 51 13 00-0093	EA	>20 To 30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	840.19	137.16
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.23	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	36.69	
		<i>For Clear Anodized Finish, Add</i>	30.58	
		<i>For Color Anodized Finish, Add</i>	42.81	
08 51 13 00-0094	SF	>30 SF, 2-3/4" Frame Depth, C 40, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6400).....	27.25	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.41	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.22	
		<i>For Clear Anodized Finish, Add</i>	1.02	
		<i>For Color Anodized Finish, Add</i>	1.43	
08 51 13 00-0095		3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800) <small>(08 51 13 00-0087)</small>		
08 51 13 00-0096	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	859.48	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.53	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	40.60	
		<i>For Clear Anodized Finish, Add</i>	33.83	
		<i>For Color Anodized Finish, Add</i>	47.36	
08 51 13 00-0097	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800).....	967.22	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.46	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	46.37	
		<i>For Clear Anodized Finish, Add</i>	38.65	
		<i>For Color Anodized Finish, Add</i>	54.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0098 EA >10 To 15 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,053.29	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	16.95	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	50.85	
<i>For Clear Anodized Finish, Add</i>	42.38	
<i>For Color Anodized Finish, Add</i>	59.33	
08 51 13 00-0099 EA >15 To 20 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,136.96	130.31
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	18.40	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	55.19	
<i>For Clear Anodized Finish, Add</i>	45.99	
<i>For Color Anodized Finish, Add</i>	64.38	
08 51 13 00-0100 EA >20 To 30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	1,316.93	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	21.77	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	65.30	
<i>For Clear Anodized Finish, Add</i>	54.42	
<i>For Color Anodized Finish, Add</i>	76.18	
08 51 13 00-0101 SF >30 SF, 3-1/4" Frame Depth, HC 60, One Rolling Sash And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6800)	43.15	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.73	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	2.18	
<i>For Clear Anodized Finish, Add</i>	1.81	
<i>For Color Anodized Finish, Add</i>	2.54	
08 51 13 00-0102 Two Rolling Sashes, Horizontal Sliding Aluminum Windows <small>(08 51 13 00-0086)</small>		
08 51 13 00-0103 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000) <small>(08 51 13 00-0102)</small>		
08 51 13 00-0104 EA Up To 6 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR- 6000)	616.29	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.67	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	26.00	
<i>For Clear Anodized Finish, Add</i>	21.67	
<i>For Color Anodized Finish, Add</i>	30.34	
08 51 13 00-0105 EA >6 To 10 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR- 6000)	704.77	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	10.21	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	30.63	
<i>For Clear Anodized Finish, Add</i>	25.52	
<i>For Color Anodized Finish, Add</i>	35.73	
08 51 13 00-0106 EA >10 To 15 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR- 6000)	764.36	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.17	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	33.52	
<i>For Clear Anodized Finish, Add</i>	27.93	
<i>For Color Anodized Finish, Add</i>	39.10	
08 51 13 00-0107 EA >15 To 20 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR- 6000)	814.31	130.31
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	11.94	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	35.83	
<i>For Clear Anodized Finish, Add</i>	29.86	
<i>For Color Anodized Finish, Add</i>	41.80	
08 51 13 00-0108 EA >20 To 30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR- 6000)	938.91	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	14.21	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	42.62	
<i>For Clear Anodized Finish, Add</i>	35.52	
<i>For Color Anodized Finish, Add</i>	49.72	
08 51 13 00-0109 SF >30 SF, 3-1/4" Frame Depth, C 45, Two Rolling Sashes, Horizontal Sliding Aluminum Window (Traco TR-6000).....	30.53	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.47	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	1.42	
<i>For Clear Anodized Finish, Add</i>	1.18	
<i>For Color Anodized Finish, Add</i>	1.66	
08 51 13 00-0110 Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Windows <small>(08 51 13 00-0086)</small>		
08 51 13 00-0111 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330) <small>(08 51 13 00-0110)</small>		
08 51 13 00-0112 EA Up To 12 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,528.84	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	26.92	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	80.76	
<i>For Clear Anodized Finish, Add</i>	67.30	
<i>For Color Anodized Finish, Add</i>	94.22	
08 51 13 00-0113 EA >12 To 18 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330)	1,759.67	126.88
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	30.96	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	92.89	
<i>For Clear Anodized Finish, Add</i>	77.41	
<i>For Color Anodized Finish, Add</i>	108.37	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51	13 00-0114	EA	>18 To 24 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	1,901.13	133.74
			For 50% Fluoropolymer Finish (Acrynar), Add	33.56	
			For 70% Fluoropolymer Finish (Duramar), Add	100.69	
			For Clear Anodized Finish, Add	83.91	
			For Color Anodized Finish, Add	117.48	
08 51	13 00-0115	EA	>24 To 40 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,295.68	150.88
			For 50% Fluoropolymer Finish (Acrynar), Add	40.88	
			For 70% Fluoropolymer Finish (Duramar), Add	122.65	
			For Clear Anodized Finish, Add	102.21	
			For Color Anodized Finish, Add	143.09	
08 51	13 00-0116	EA	>40 To 60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	2,650.21	171.46
			For 50% Fluoropolymer Finish (Acrynar), Add	47.29	
			For 70% Fluoropolymer Finish (Duramar), Add	141.87	
			For Clear Anodized Finish, Add	118.22	
			For Color Anodized Finish, Add	165.51	
08 51	13 00-0117	SF	>60 SF, 4" Frame Depth, HC 65, Two Rolling Sashes And One Stationary Sash, Horizontal Sliding Aluminum Window (Traco TR-6330).....	46.25	4.12
			For 50% Fluoropolymer Finish (Acrynar), Add	0.79	
			For 70% Fluoropolymer Finish (Duramar), Add	2.36	
			For Clear Anodized Finish, Add	1.97	
			For Color Anodized Finish, Add	2.76	
08 51	13 00-0118		Fixed Aluminum Windows (08 51 13 00-0001)		
08 51	13 00-0119		2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280) (08 51 13 00-0118)		
08 51	13 00-0120	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	440.52	109.74
			For 50% Fluoropolymer Finish (Acrynar), Add	5.15	
			For 70% Fluoropolymer Finish (Duramar), Add	15.46	
			For Clear Anodized Finish, Add	12.88	
			For Color Anodized Finish, Add	18.03	
08 51	13 00-0121	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	500.11	116.59
			For 50% Fluoropolymer Finish (Acrynar), Add	6.12	
			For 70% Fluoropolymer Finish (Duramar), Add	18.35	
			For Clear Anodized Finish, Add	15.29	
			For Color Anodized Finish, Add	21.41	
08 51	13 00-0122	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	528.39	123.45
			For 50% Fluoropolymer Finish (Acrynar), Add	6.45	
			For 70% Fluoropolymer Finish (Duramar), Add	19.36	
			For Clear Anodized Finish, Add	16.13	
			For Color Anodized Finish, Add	22.58	
08 51	13 00-0123	EA	>15 To 20 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	556.68	130.31
			For 50% Fluoropolymer Finish (Acrynar), Add	6.79	
			For 70% Fluoropolymer Finish (Duramar), Add	20.37	
			For Clear Anodized Finish, Add	16.98	
			For Color Anodized Finish, Add	23.77	
08 51	13 00-0124	EA	>20 To 30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	724.61	137.16
			For 50% Fluoropolymer Finish (Acrynar), Add	9.92	
			For 70% Fluoropolymer Finish (Duramar), Add	29.76	
			For Clear Anodized Finish, Add	24.80	
			For Color Anodized Finish, Add	34.72	
08 51	13 00-0125	SF	>30 SF, 2-1/4" Frame Depth, C 50, Fixed Aluminum Window (Traco NX-280).....	23.40	4.12
			For 50% Fluoropolymer Finish (Acrynar), Add	0.33	
			For 70% Fluoropolymer Finish (Duramar), Add	0.99	
			For Clear Anodized Finish, Add	0.83	
			For Color Anodized Finish, Add	1.16	
08 51	13 00-0126		2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800) (08 51 13 00-0118)		
08 51	13 00-0127	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	546.47	109.74
			For 50% Fluoropolymer Finish (Acrynar), Add	7.27	
			For 70% Fluoropolymer Finish (Duramar), Add	21.81	
			For Clear Anodized Finish, Add	18.18	
			For Color Anodized Finish, Add	25.45	
08 51	13 00-0128	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	622.91	116.59
			For 50% Fluoropolymer Finish (Acrynar), Add	8.57	
			For 70% Fluoropolymer Finish (Duramar), Add	25.72	
			For Clear Anodized Finish, Add	21.43	
			For Color Anodized Finish, Add	30.00	
08 51	13 00-0129	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	670.45	123.45
			For 50% Fluoropolymer Finish (Acrynar), Add	9.29	
			For 70% Fluoropolymer Finish (Duramar), Add	27.88	
			For Clear Anodized Finish, Add	23.24	
			For Color Anodized Finish, Add	32.53	
08 51	13 00-0130	EA	>15 To 20 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	720.41	130.31
			For 50% Fluoropolymer Finish (Acrynar), Add	10.06	
			For 70% Fluoropolymer Finish (Duramar), Add	30.19	
			For Clear Anodized Finish, Add	25.16	
			For Color Anodized Finish, Add	35.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0131 EA >20 To 30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	938.91	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	14.21	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	42.62	
<i>For Clear Anodized Finish, Add</i>	35.52	
<i>For Color Anodized Finish, Add</i>	49.72	
08 51 13 00-0132 SF >30 SF, 2-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-2800).....	30.53	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.47	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.42	
<i>For Clear Anodized Finish, Add</i>	1.18	
<i>For Color Anodized Finish, Add</i>	1.66	
08 51 13 00-0133 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100) <small>(08 51 13 00-0118)</small>		
08 51 13 00-0134 EA Up To 6 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100)	474.23	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.83	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	17.48	
<i>For Clear Anodized Finish, Add</i>	14.57	
<i>For Color Anodized Finish, Add</i>	20.39	
08 51 13 00-0135 EA >6 To 10 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	550.67	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.13	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	21.38	
<i>For Clear Anodized Finish, Add</i>	17.82	
<i>For Color Anodized Finish, Add</i>	24.94	
08 51 13 00-0136 EA >10 To 15 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	593.40	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.75	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	23.26	
<i>For Clear Anodized Finish, Add</i>	19.38	
<i>For Color Anodized Finish, Add</i>	27.14	
08 51 13 00-0137 EA >15 To 20 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	638.54	130.31
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.43	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	25.28	
<i>For Clear Anodized Finish, Add</i>	21.07	
<i>For Color Anodized Finish, Add</i>	29.50	
08 51 13 00-0138 EA >20 To 30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	845.00	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.33	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	36.98	
<i>For Clear Anodized Finish, Add</i>	30.82	
<i>For Color Anodized Finish, Add</i>	43.15	
08 51 13 00-0139 SF >30 SF, 3-1/4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-7100).....	27.40	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.41	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.23	
<i>For Clear Anodized Finish, Add</i>	1.03	
<i>For Color Anodized Finish, Add</i>	1.44	
08 51 13 00-0140 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500) <small>(08 51 13 00-0118)</small>		
08 51 13 00-0141 EA Up To 6 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500)	471.82	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	5.78	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	17.34	
<i>For Clear Anodized Finish, Add</i>	14.45	
<i>For Color Anodized Finish, Add</i>	20.23	
08 51 13 00-0142 EA >6 To 10 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	541.04	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	6.93	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	20.80	
<i>For Clear Anodized Finish, Add</i>	17.34	
<i>For Color Anodized Finish, Add</i>	24.27	
08 51 13 00-0143 EA >10 To 15 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	583.77	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.56	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	22.68	
<i>For Clear Anodized Finish, Add</i>	18.90	
<i>For Color Anodized Finish, Add</i>	26.46	
08 51 13 00-0144 EA >15 To 20 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	628.91	130.31
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	8.23	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	24.70	
<i>For Clear Anodized Finish, Add</i>	20.59	
<i>For Color Anodized Finish, Add</i>	28.82	
08 51 13 00-0145 EA >20 To 30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	835.37	137.16
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.14	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	36.41	
<i>For Clear Anodized Finish, Add</i>	30.34	
<i>For Color Anodized Finish, Add</i>	42.47	
08 51 13 00-0146 SF >30 SF, 4" Frame Depth, HC 65, Fixed Aluminum Window (Traco TR-9500).....	27.09	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	0.40	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	1.21	
<i>For Clear Anodized Finish, Add</i>	1.01	
<i>For Color Anodized Finish, Add</i>	1.42	
08 51 13 00-0147 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL) <small>(08 51 13 00-0118)</small>		
08 51 13 00-0148 EA Up To 6 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	558.51	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	7.51	
<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	22.54	
<i>For Clear Anodized Finish, Add</i>	18.78	
<i>For Color Anodized Finish, Add</i>	26.29	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0149	EA	>6 To 10 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	.....	645.06	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		9.01	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		27.04	
		<i>For Clear Anodized Finish, Add</i>		22.54	
		<i>For Color Anodized Finish, Add</i>		31.55	
08 51 13 00-0150	EA	>10 To 15 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	.....	697.18	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		9.83	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		29.49	
		<i>For Clear Anodized Finish, Add</i>		24.57	
		<i>For Color Anodized Finish, Add</i>		34.40	
08 51 13 00-0151	EA	>15 To 20 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	.....	752.43	130.31
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		10.71	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		32.12	
		<i>For Clear Anodized Finish, Add</i>		26.76	
		<i>For Color Anodized Finish, Add</i>		37.47	
08 51 13 00-0152	EA	>20 To 30 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	.....	1,017.40	137.16
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		15.78	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		47.33	
		<i>For Clear Anodized Finish, Add</i>		39.44	
		<i>For Color Anodized Finish, Add</i>		55.22	
08 51 13 00-0153	SF	>30 SF, 4" Frame Depth, HC 100, Fixed Aluminum Window (Kawneer 8400TL)	.....	33.15	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		0.53	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		1.58	
		<i>For Clear Anodized Finish, Add</i>		1.31	
		<i>For Color Anodized Finish, Add</i>		1.84	
08 51 13 00-0154		Projected Aluminum Windows <small>(08 51 13 00-0001)</small>			
08 51 13 00-0155		Single Vent, Projected Aluminum Windows <small>(08 51 13 00-0154)</small>			
08 51 13 00-0156		2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250) <small>(08 51 13 00-0155)</small>			
08 51 13 00-0157	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	621.59	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		8.77	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		26.32	
		<i>For Clear Anodized Finish, Add</i>		21.94	
		<i>For Color Anodized Finish, Add</i>		30.71	
08 51 13 00-0158	EA	>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	673.23	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		9.58	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		28.73	
		<i>For Clear Anodized Finish, Add</i>		23.95	
		<i>For Color Anodized Finish, Add</i>		33.52	
08 51 13 00-0159	EA	>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	733.06	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		10.55	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		31.64	
		<i>For Clear Anodized Finish, Add</i>		26.37	
		<i>For Color Anodized Finish, Add</i>		36.91	
08 51 13 00-0160	SF	>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Projected Aluminum Window (Traco NX-240/250)	.....	42.01	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		0.70	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		2.11	
		<i>For Clear Anodized Finish, Add</i>		1.76	
		<i>For Color Anodized Finish, Add</i>		2.46	
08 51 13 00-0161		2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500) <small>(08 51 13 00-0155)</small>			
08 51 13 00-0162	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	.....	834.46	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		13.03	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		39.09	
		<i>For Clear Anodized Finish, Add</i>		32.58	
		<i>For Color Anodized Finish, Add</i>		45.61	
08 51 13 00-0163	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	.....	921.26	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		14.54	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		43.62	
		<i>For Clear Anodized Finish, Add</i>		36.35	
		<i>For Color Anodized Finish, Add</i>		50.89	
08 51 13 00-0164	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	.....	1,021.99	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		16.32	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		48.97	
		<i>For Clear Anodized Finish, Add</i>		40.81	
		<i>For Color Anodized Finish, Add</i>		57.14	
08 51 13 00-0165	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-2400/2500)	.....	61.28	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>		1.09	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>		3.27	
		<i>For Clear Anodized Finish, Add</i>		2.72	
		<i>For Color Anodized Finish, Add</i>		3.81	
08 51 13 00-0166		3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500) <small>(08 51 13 00-0155)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0167 EA Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	914.30	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	14.63	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	43.88	
<i>For Clear Anodized Finish, Add</i>	36.57	
<i>For Color Anodized Finish, Add</i>	51.20	
08 51 13 00-0168 EA >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,014.24	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	16.40	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	49.20	
<i>For Clear Anodized Finish, Add</i>	41.00	
<i>For Color Anodized Finish, Add</i>	57.39	
08 51 13 00-0169 EA >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,130.34	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	18.49	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	55.48	
<i>For Clear Anodized Finish, Add</i>	46.23	
<i>For Color Anodized Finish, Add</i>	64.72	
08 51 13 00-0170 SF >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3400/3500)	68.50	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.23	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	3.70	
<i>For Clear Anodized Finish, Add</i>	3.08	
<i>For Color Anodized Finish, Add</i>	4.31	
08 51 13 00-0171 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600) <small>(08 51 13 00-0155)</small>		
08 51 13 00-0172 EA Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Single Vent, Projected Aluminum Window (Traco TR-3600)	969.30	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.73	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	47.18	
<i>For Clear Anodized Finish, Add</i>	39.32	
<i>For Color Anodized Finish, Add</i>	55.05	
08 51 13 00-0173 EA >6 To 10 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	1,078.32	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	17.68	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	53.04	
<i>For Clear Anodized Finish, Add</i>	44.20	
<i>For Color Anodized Finish, Add</i>	61.88	
08 51 13 00-0174 EA >10 To 15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	1,204.98	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	19.98	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	59.95	
<i>For Clear Anodized Finish, Add</i>	49.96	
<i>For Color Anodized Finish, Add</i>	69.95	
08 51 13 00-0175 SF >15 SF, Single Vent, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap Projected Aluminum Window (Traco TR-3600)	73.48	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.33	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	4.00	
<i>For Clear Anodized Finish, Add</i>	3.33	
<i>For Color Anodized Finish, Add</i>	4.66	
08 51 13 00-0176 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750) <small>(08 51 13 00-0155)</small>		
08 51 13 00-0177 EA Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	962.20	109.74
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	15.59	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	46.76	
<i>For Clear Anodized Finish, Add</i>	38.97	
<i>For Color Anodized Finish, Add</i>	54.55	
08 51 13 00-0178 EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	1,070.06	116.59
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	17.51	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	52.54	
<i>For Clear Anodized Finish, Add</i>	43.79	
<i>For Color Anodized Finish, Add</i>	61.30	
08 51 13 00-0179 EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	1,195.35	123.45
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	19.79	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	59.38	
<i>For Clear Anodized Finish, Add</i>	49.48	
<i>For Color Anodized Finish, Add</i>	69.27	
08 51 13 00-0180 SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Projected Aluminum Window (Traco TR-740/750)	72.83	4.12
<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.32	
<i>For 70% Fluoropolymer Finish (Duranar), Add</i>	3.96	
<i>For Clear Anodized Finish, Add</i>	3.30	
<i>For Color Anodized Finish, Add</i>	4.62	
08 51 13 00-0181 Fixed Over Vent, Projected Aluminum Windows <small>(08 51 13 00-0154)</small>		
08 51 13 00-0182 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250) <small>(08 51 13 00-0181)</small>		

08 Openings

08 50 Windows

08 51 Metal Windows

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0183	EA		Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	853.99	109.74
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	13.42	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	40.27	
			<i>For Clear Anodized Finish, Add</i>	33.56	
			<i>For Color Anodized Finish, Add</i>	46.98	
08 51 13 00-0184	EA		>6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	943.99	116.59
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	14.99	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	44.98	
			<i>For Clear Anodized Finish, Add</i>	37.48	
			<i>For Color Anodized Finish, Add</i>	52.48	
08 51 13 00-0185	EA		>10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	1,048.48	123.45
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	16.85	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	50.56	
			<i>For Clear Anodized Finish, Add</i>	42.14	
			<i>For Color Anodized Finish, Add</i>	58.99	
08 51 13 00-0186	SF		>15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco NX-240/250)	62.96	4.12
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.12	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	3.37	
			<i>For Clear Anodized Finish, Add</i>	2.81	
			<i>For Color Anodized Finish, Add</i>	3.93	
08 51 13 00-0187			2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500) <small>(08 51 13 00-0181)</small>		
08 51 13 00-0188	EA		Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,191.06	109.74
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	20.16	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	60.49	
			<i>For Clear Anodized Finish, Add</i>	50.41	
			<i>For Color Anodized Finish, Add</i>	70.57	
08 51 13 00-0189	EA		>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,336.67	116.59
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	22.85	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	68.54	
			<i>For Clear Anodized Finish, Add</i>	57.12	
			<i>For Color Anodized Finish, Add</i>	79.96	
08 51 13 00-0190	EA		>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	1,505.96	123.45
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	26.00	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	78.01	
			<i>For Clear Anodized Finish, Add</i>	65.01	
			<i>For Color Anodized Finish, Add</i>	91.01	
08 51 13 00-0191	SF		>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-2400/2500)	93.54	4.12
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.73	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	5.20	
			<i>For Clear Anodized Finish, Add</i>	4.33	
			<i>For Color Anodized Finish, Add</i>	6.07	
08 51 13 00-0192			3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500) <small>(08 51 13 00-0181)</small>		
08 51 13 00-0193	EA		Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,262.01	109.74
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	21.58	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	64.75	
			<i>For Clear Anodized Finish, Add</i>	53.96	
			<i>For Color Anodized Finish, Add</i>	75.54	
08 51 13 00-0194	EA		>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,419.33	116.59
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	24.50	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	73.50	
			<i>For Clear Anodized Finish, Add</i>	61.25	
			<i>For Color Anodized Finish, Add</i>	85.75	
08 51 13 00-0195	EA		>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	1,602.27	123.45
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	27.93	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	83.79	
			<i>For Clear Anodized Finish, Add</i>	69.83	
			<i>For Color Anodized Finish, Add</i>	97.76	
08 51 13 00-0196	SF		>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3400/3500)	99.80	4.12
			<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.86	
			<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	5.58	
			<i>For Clear Anodized Finish, Add</i>	4.65	
			<i>For Color Anodized Finish, Add</i>	6.51	
08 51 13 00-0197			3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600) <small>(08 51 13 00-0181)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0198 EA Up To 6 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	1,254.93	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	21.44	
For 70% Fluoropolymer Finish (Duranar), Add	64.32	
For Clear Anodized Finish, Add	53.60	
For Color Anodized Finish, Add	75.04	
08 51 13 00-0199 EA >6 To 10 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	1,411.07	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	24.34	
For 70% Fluoropolymer Finish (Duranar), Add	73.01	
For Clear Anodized Finish, Add	60.84	
For Color Anodized Finish, Add	85.17	
08 51 13 00-0200 EA >10 To 15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	1,592.64	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	27.74	
For 70% Fluoropolymer Finish (Duranar), Add	83.21	
For Clear Anodized Finish, Add	69.34	
For Color Anodized Finish, Add	97.08	
08 51 13 00-0201 SF >15 SF, 3-1/4" Frame Depth, HC 50, Top Hinge, Overlap, Fixed Over Vent, Projected Aluminum Window (Traco TR-3600).....	99.32	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	1.85	
For 70% Fluoropolymer Finish (Duranar), Add	5.55	
For Clear Anodized Finish, Add	4.62	
For Color Anodized Finish, Add	6.47	
08 51 13 00-0202 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750) (08 51 13 00-0181)		
08 51 13 00-0203 EA Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR- 740/750).....	1,364.92	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	23.64	
For 70% Fluoropolymer Finish (Duranar), Add	70.92	
For Clear Anodized Finish, Add	59.10	
For Color Anodized Finish, Add	82.74	
08 51 13 00-0204 EA >6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR- 740/750).....	1,539.22	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	26.90	
For 70% Fluoropolymer Finish (Duranar), Add	80.69	
For Clear Anodized Finish, Add	67.25	
For Color Anodized Finish, Add	94.14	
08 51 13 00-0205 EA >10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR- 740/750).....	1,741.92	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	30.72	
For 70% Fluoropolymer Finish (Duranar), Add	92.17	
For Clear Anodized Finish, Add	76.81	
For Color Anodized Finish, Add	107.53	
08 51 13 00-0206 SF >15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Projected Aluminum Window (Traco TR-740/750).....	109.19	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	2.05	
For 70% Fluoropolymer Finish (Duranar), Add	6.14	
For Clear Anodized Finish, Add	5.12	
For Color Anodized Finish, Add	7.16	
08 51 13 00-0207 Casement Aluminum Windows (08 51 13 00-0001)		
08 51 13 00-0208 Single Vent, Casement Aluminum Windows (08 51 13 00-0207)		
08 51 13 00-0209 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0208)		
08 51 13 00-0210 EA Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220).....	708.51	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	10.51	
For 70% Fluoropolymer Finish (Duranar), Add	31.54	
For Clear Anodized Finish, Add	26.28	
For Color Anodized Finish, Add	36.79	
08 51 13 00-0211 EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220).....	774.50	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	11.60	
For 70% Fluoropolymer Finish (Duranar), Add	34.81	
For Clear Anodized Finish, Add	29.01	
For Color Anodized Finish, Add	40.61	
08 51 13 00-0212 EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX- 210/220).....	851.04	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	12.91	
For 70% Fluoropolymer Finish (Duranar), Add	38.72	
For Clear Anodized Finish, Add	32.26	
For Color Anodized Finish, Add	45.17	
08 51 13 00-0213 SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Single Vent, Casement Aluminum Window (Traco NX-210/220).....	49.89	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	0.86	
For 70% Fluoropolymer Finish (Duranar), Add	2.58	
For Clear Anodized Finish, Add	2.15	
For Color Anodized Finish, Add	3.01	
08 51 13 00-0214 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0208)		

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 51 13 00-0215	EA	Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200).....	1,031.40	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	16.97	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	50.91	
		<i>For Clear Anodized Finish, Add</i>	42.43	
		<i>For Color Anodized Finish, Add</i>	59.40	
08 51 13 00-0216	EA	>6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,150.65	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	19.13	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	57.38	
		<i>For Clear Anodized Finish, Add</i>	47.82	
		<i>For Color Anodized Finish, Add</i>	66.94	
08 51 13 00-0217	EA	>10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,289.26	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	21.67	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	65.01	
		<i>For Clear Anodized Finish, Add</i>	54.18	
		<i>For Color Anodized Finish, Add</i>	75.85	
08 51 13 00-0218	SF	>15 SF, 2-1/4" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-2100/2200).....	79.09	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.44	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	4.33	
		<i>For Clear Anodized Finish, Add</i>	3.61	
		<i>For Color Anodized Finish, Add</i>	5.06	
08 51 13 00-0219 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0208)				
08 51 13 00-0220	EA	Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,036.72	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	17.08	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	51.23	
		<i>For Clear Anodized Finish, Add</i>	42.69	
		<i>For Color Anodized Finish, Add</i>	59.77	
08 51 13 00-0221	EA	>6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,156.86	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	19.25	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	57.75	
		<i>For Clear Anodized Finish, Add</i>	48.13	
		<i>For Color Anodized Finish, Add</i>	67.38	
08 51 13 00-0222	EA	>10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,296.48	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	21.81	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	65.44	
		<i>For Clear Anodized Finish, Add</i>	54.54	
		<i>For Color Anodized Finish, Add</i>	76.35	
08 51 13 00-0223	SF	>15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Single Vent, Casement Aluminum Window (Traco TR-3100/3200).....	79.58	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.45	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	4.36	
		<i>For Clear Anodized Finish, Add</i>	3.64	
		<i>For Color Anodized Finish, Add</i>	5.09	
08 51 13 00-0224 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0208)				
08 51 13 00-0225	EA	Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720).....	1,091.71	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	18.18	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	54.53	
		<i>For Clear Anodized Finish, Add</i>	45.44	
		<i>For Color Anodized Finish, Add</i>	63.62	
08 51 13 00-0226	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,220.93	116.59
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	20.53	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	61.60	
		<i>For Clear Anodized Finish, Add</i>	51.33	
		<i>For Color Anodized Finish, Add</i>	71.86	
08 51 13 00-0227	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720)	1,371.12	123.45
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	23.31	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	69.92	
		<i>For Clear Anodized Finish, Add</i>	58.27	
		<i>For Color Anodized Finish, Add</i>	81.58	
08 51 13 00-0228	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Single Vent, Casement Aluminum Window (Traco TR-710/720).....	84.56	4.12
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	1.55	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	4.66	
		<i>For Clear Anodized Finish, Add</i>	3.89	
		<i>For Color Anodized Finish, Add</i>	5.44	
08 51 13 00-0229 Fixed Over Vent, Casement Aluminum Windows (08 51 13 00-0207)				
08 51 13 00-0230 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220) (08 51 13 00-0229)				
08 51 13 00-0231	EA	Up To 6 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	806.09	109.74
		<i>For 50% Fluoropolymer Finish (Acrynar), Add</i>	12.46	
		<i>For 70% Fluoropolymer Finish (Durandar), Add</i>	37.39	
		<i>For Clear Anodized Finish, Add</i>	31.16	
		<i>For Color Anodized Finish, Add</i>	43.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0232 EA >6 To 10 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	888.17	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	13.88	
For 70% Fluoropolymer Finish (Duranar), Add	41.63	
For Clear Anodized Finish, Add	34.69	
For Color Anodized Finish, Add	48.57	
08 51 13 00-0233 EA >10 To 15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220)	983.47	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	15.55	
For 70% Fluoropolymer Finish (Duranar), Add	46.66	
For Clear Anodized Finish, Add	38.89	
For Color Anodized Finish, Add	54.44	
08 51 13 00-0234 SF >15 SF, 2-1/4" Frame Depth, C 50, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco NX-210/220).....	58.70	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	1.04	
For 70% Fluoropolymer Finish (Duranar), Add	3.11	
For Clear Anodized Finish, Add	2.59	
For Color Anodized Finish, Add	3.63	
08 51 13 00-0235 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200) (08 51 13 00-0229)		
08 51 13 00-0236 EA Up To 6 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,128.96	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	18.92	
For 70% Fluoropolymer Finish (Duranar), Add	56.76	
For Clear Anodized Finish, Add	47.30	
For Color Anodized Finish, Add	66.22	
08 51 13 00-0237 EA >6 To 10 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,264.32	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	21.40	
For 70% Fluoropolymer Finish (Duranar), Add	64.20	
For Clear Anodized Finish, Add	53.50	
For Color Anodized Finish, Add	74.90	
08 51 13 00-0238 EA >10 To 15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	1,421.68	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	24.32	
For 70% Fluoropolymer Finish (Duranar), Add	72.96	
For Clear Anodized Finish, Add	60.80	
For Color Anodized Finish, Add	85.12	
08 51 13 00-0239 SF >15 SF, 2-1/4" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-2100/2200)	87.93	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	1.62	
For 70% Fluoropolymer Finish (Duranar), Add	4.86	
For Clear Anodized Finish, Add	4.05	
For Color Anodized Finish, Add	5.67	
08 51 13 00-0240 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200) (08 51 13 00-0229)		
08 51 13 00-0241 EA Up To 6 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,247.83	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	21.30	
For 70% Fluoropolymer Finish (Duranar), Add	63.90	
For Clear Anodized Finish, Add	53.25	
For Color Anodized Finish, Add	74.55	
08 51 13 00-0242 EA >6 To 10 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,402.81	116.59
For 50% Fluoropolymer Finish (Acrynar), Add	24.17	
For 70% Fluoropolymer Finish (Duranar), Add	72.51	
For Clear Anodized Finish, Add	60.42	
For Color Anodized Finish, Add	84.59	
08 51 13 00-0243 EA >10 To 15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	1,583.01	123.45
For 50% Fluoropolymer Finish (Acrynar), Add	27.55	
For 70% Fluoropolymer Finish (Duranar), Add	82.64	
For Clear Anodized Finish, Add	68.86	
For Color Anodized Finish, Add	96.41	
08 51 13 00-0244 SF >15 SF, 3-1/4" Frame Depth, HC 80, Overlap, Fixed Over Vent, Casement Aluminum Window (Traco TR-3100/3200)	98.67	4.12
For 50% Fluoropolymer Finish (Acrynar), Add	1.84	
For 70% Fluoropolymer Finish (Duranar), Add	5.51	
For Clear Anodized Finish, Add	4.59	
For Color Anodized Finish, Add	6.43	
08 51 13 00-0245 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720) (08 51 13 00-0229)		
08 51 13 00-0246 EA Up To 6 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	1,356.04	109.74
For 50% Fluoropolymer Finish (Acrynar), Add	23.46	
For 70% Fluoropolymer Finish (Duranar), Add	70.39	
For Clear Anodized Finish, Add	58.66	
For Color Anodized Finish, Add	82.12	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0247	EA	>6 To 10 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	.....	1,528.89	116.59
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	26.69	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	80.07	
		For Clear Anodized Finish, Add	.....	66.73	
		For Color Anodized Finish, Add	.....	93.42	
08 51 13 00-0248	EA	>10 To 15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	.....	1,729.88	123.45
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	30.48	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	91.45	
		For Clear Anodized Finish, Add	.....	76.21	
		For Color Anodized Finish, Add	.....	106.69	
08 51 13 00-0249	SF	>15 SF, 4-5/8" Frame Depth, HC 80, Flush, Fixed Over Vent, Casement Aluminum Window (Traco TR-710/720)	.....	108.47	4.12
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	2.03	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	6.10	
		For Clear Anodized Finish, Add	.....	5.08	
		For Color Anodized Finish, Add	.....	7.11	
08 51 13 00-0250		Aluminum Window Accessories (08 51 13)			
08 51 13 00-0251		Aluminum Window Mullions (08 51 13 00-0250)			
08 51 13 00-0252	LF	Integral Mullions For Aluminum Windows	.....	24.84	5.14
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.31	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	0.92	
		For Clear Anodized Finish, Add	.....	0.77	
		For Color Anodized Finish, Add	.....	1.07	
08 51 13 00-0253		Aluminum Window Panning (08 51 13 00-0250)			
		Note: Panning price is determined by window size. For windows greater than 30 square feet multiply window square footage by square foot price.			
08 51 13 00-0254	EA	Up To 6 SF Window, Aluminum Window Panning	.....	258.62	46.16
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	3.63	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	10.90	
		For Clear Anodized Finish, Add	.....	9.08	
		For Color Anodized Finish, Add	.....	12.72	
08 51 13 00-0255	EA	>6 To 10 SF Window, Aluminum Window Panning	.....	362.44	76.94
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	4.68	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	14.05	
		For Clear Anodized Finish, Add	.....	11.71	
		For Color Anodized Finish, Add	.....	16.39	
08 51 13 00-0256	EA	>10 To 15 SF Window, Aluminum Window Panning	.....	448.45	115.41
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	5.12	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	15.37	
		For Clear Anodized Finish, Add	.....	12.81	
		For Color Anodized Finish, Add	.....	17.93	
08 51 13 00-0257	EA	>15 To 20 SF Window, Aluminum Window Panning	.....	538.84	153.88
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	5.65	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	16.94	
		For Clear Anodized Finish, Add	.....	14.12	
		For Color Anodized Finish, Add	.....	19.77	
08 51 13 00-0258	EA	>20 To 30 SF Window, Aluminum Window Panning	.....	717.41	230.82
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	6.65	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	19.96	
		For Clear Anodized Finish, Add	.....	16.64	
		For Color Anodized Finish, Add	.....	23.29	
08 51 13 00-0259	SF	>30 SF Window, Aluminum Window Panning	.....	26.43	9.62
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.21	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	0.62	
		For Clear Anodized Finish, Add	.....	0.52	
		For Color Anodized Finish, Add	.....	0.73	
08 51 13 00-0260		Aluminum Window Muntins, Grilles Or Dividers (08 51 13 00-0250)			
08 51 13 00-0261	SF	Applied (Per Side) Muntins Grilles Or Dividers For Aluminum Windows	.....	7.84	5.14
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.02	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	0.06	
		For Clear Anodized Finish, Add	.....	0.05	
		For Color Anodized Finish, Add	.....	0.07	
08 51 13 00-0262	SF	Internal Only (Between Glass) Muntins, Grilles Or Dividers For Aluminum Windows	.....	10.69	5.14
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.08	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	0.23	
		For Clear Anodized Finish, Add	.....	0.19	
		For Color Anodized Finish, Add	.....	0.27	
08 51 13 00-0263	SF	Simulated Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	.....	22.62	5.14
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.11	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	0.33	
		For Clear Anodized Finish, Add	.....	0.27	
		For Color Anodized Finish, Add	.....	0.38	
08 51 13 00-0264	SF	True Divided Lite Muntins Grilles Or Dividers For Aluminum Windows	.....	27.09	5.14
		For 50% Fluoropolymer Finish (Acrynar), Add	.....	0.15	
		For 70% Fluoropolymer Finish (Duramar), Add	.....	0.46	
		For Clear Anodized Finish, Add	.....	0.38	
		For Color Anodized Finish, Add	.....	0.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 51 13 00-0265 Other Aluminum Window Accessories <small>(08 51 13 00-0250)</small>		
08 51 13 00-0266 EA Roto Operator For Casement Aluminum Windows	195.77	22.85
08 51 13 00-0267 EA Head And Sill Automatic Locks For Hung Aluminum Windows.....	99.46	22.85
08 51 19 Stainless-Steel Windows <small>(08 51)</small> See CSI section 08 80 00 00-0000 for glazing.		
08 51 19 00-0001 Stainless Steel Windows Types <small>(08 51 19)</small>		
08 51 19 00-0002 Industrial <small>(08 51 19 00-0001)</small>		
08 51 19 00-0003 SF Stainless Steel Window With Horizontal Pivot Sash	118.94	6.86
08 51 19 00-0004 SF Stainless Steel Window, Fixed Sash	88.60	6.86
08 51 19 00-0005 Projected Sash <small>(08 51 19 00-0001)</small>		
08 51 19 00-0006 SF Commercial Projected Sash Window - 40% Vented Stainless Steel	124.60	6.86
08 51 19 00-0007 SF Intermediate Projected Sash Window - 40% Vented Stainless Steel.....	138.02	6.86
08 51 19 00-0008 Other Type Sash <small>(08 51 19 00-0001)</small>		
08 51 19 00-0009 SF Double Hung Stainless Steel Window Sash	151.40	6.86
08 51 19 00-0010 SF Single Hung Stainless Steel Window Sash.....	105.82	6.86
08 51 19 00-0011 SF Stainless Steel Picture Window Sash	87.70	6.86
08 51 19 00-0012 SF Sliding Stainless Steel Window.....	156.31	6.86
08 51 19 00-0013 Casements <small>(08 51 19 00-0001)</small>		
08 51 19 00-0014 SF Stainless Steel Window Casements, 100% Vented Operable, Factory Primed.....	135.24	6.86
08 51 19 00-0015 SF Stainless Steel Window Casements, 50% Vented Operable, Factory Primed.....	116.38	6.86
08 51 19 00-0016 SF Stainless Steel Window Casements, Fixed Sash, Factory Primed	80.79	6.86
08 51 23 Steel Windows <small>(08 51)</small> Note: All sashes are factory primed. See CSI section 08 80 00 00-0000 for glazing.		
08 51 23 00-0001 Steel Windows <small>(08 51 23)</small>		
08 51 23 00-0002 Industrial <small>(08 51 23 00-0001)</small>		
08 51 23 00-0003 SF Industrial Steel Window With Horizontal Pivot Sash	53.86	6.86
08 51 23 00-0004 SF Industrial Steel Window, With Fixed Sash	48.71	6.86
08 51 23 00-0005 SF Industrial Steel Window, With Operable Security Sash	74.96	6.86
08 51 23 00-0006 SF Industrial Steel Window, With Fixed Security Sash	64.67	6.86
08 51 23 00-0007 Projected Sash <small>(08 51 23 00-0001)</small>		
08 51 23 00-0008 SF Commercial Projected Sash Window - 40% Vented Steel.....	59.25	6.86
08 51 23 00-0009 SF Intermediate Projected Sash Window - 40% Vented Steel	64.91	6.86
08 51 23 00-0010 Other Type Sash <small>(08 51 23 00-0001)</small>		
08 51 23 00-0011 SF Double Hung Steel Window Sash.....	74.90	6.86
08 51 23 00-0012 SF Steel Picture Window Sash	34.61	6.86
08 51 23 00-0013 SF Fire Rated Double Hung Steel Window Sash	77.13	8.58
08 51 23 00-0014 SF Single Hung Steel Window Sash	54.24	6.86
08 51 23 00-0015 Casements <small>(08 51 23 00-0001)</small>		
08 51 23 00-0016 SF Steel Window Casements, 100% Vented Operable, Factory Primed	67.59	3.43
08 51 23 00-0017 SF Steel Window Casements, 50% Vented Operable, Factory Primed	59.03	3.43
08 51 23 00-0018 SF Steel Window Casements, Fixed Sash, Factory Primed.....	42.88	5.14
08 51 23 00-0019 Mullions <small>(08 51 23 00-0001)</small>		
08 51 23 00-0020 LF Open Faced Steel Mullion	26.47	5.14
08 51 23 00-0021 LF Covered Steel Mullions.....	42.65	5.14
08 51 23 00-0022 Removal And Reinstallation Of Metal Window And Frame <small>(08 51 23)</small> Note: Steel or aluminum frame. Includes storage, cleaning and supply materials, caulk and sealants.		
08 51 23 00-0023 SF Removal And Reinstallation Of Metal Window And Frame	17.64	
08 51 66 Metal Window Screens <small>(08 51)</small>		
08 51 66 00-0001 Aluminum Window Insect Screens <small>(08 51 66)</small> Note: Includes aluminum frames.		
08 51 66 00-0002 SF Up To 10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows.....	8.47	1.71
08 51 66 00-0003 SF >10 SF Area Including Aluminum Frame, Insect Screens For Aluminum Windows.....	5.81	1.37
08 51 66 00-0004 SF Repair Aluminum Mesh Screen Window	6.15	

08 Openings**08 50 Windows****08 51 Metal Windows**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 51 69 Metal Storm Windows (08 51)**08 51 69 00-001 Storm Windows (08 51 69)**

08 51 69 00-002 SF Double Hung, Aluminum, Combination Storm And Screen.....47.59 3.43

08 52 Wood Windows (08 50)**08 52 11 Wood Windows (08 52)****08 52 11 00-001 Sash-Only Replacement Kits For Double Hung Wood Windows (08 52 11)**

Note: Includes demo of the existing sashes and jamb liners. Includes two sashes, jamb liners, insulated glass and all hardware needed for installation. Includes primed pine wood interior and exterior. Excludes window frame, trim, insect screens and grilles.

08 52 11 00-002 30" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-001)

08 52 11 00-003 EA 20" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....354.05
For Low-E Insulated Glass, Add 30.30
For Aluminum Clad Exterior, Add 32.46

08 52 11 00-004 EA 24" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....376.02
For Low-E Insulated Glass, Add 32.48
For Aluminum Clad Exterior, Add 34.80

08 52 11 00-005 EA 28" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....399.53
For Low-E Insulated Glass, Add 34.88
For Aluminum Clad Exterior, Add 37.37

08 52 11 00-006 EA 30" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....412.07
For Low-E Insulated Glass, Add 36.18
For Aluminum Clad Exterior, Add 38.77

08 52 11 00-007 EA 32" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....423.06
For Low-E Insulated Glass, Add 37.27
For Aluminum Clad Exterior, Add 39.94

08 52 11 00-008 EA 34" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....437.17
For Low-E Insulated Glass, Add 38.80
For Aluminum Clad Exterior, Add 41.57

08 52 11 00-009 EA 36" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....443.53
For Low-E Insulated Glass, Add 39.24
For Aluminum Clad Exterior, Add 42.05

08 52 11 00-010 EA 40" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....471.68
For Low-E Insulated Glass, Add 42.29
For Aluminum Clad Exterior, Add 45.31

08 52 11 00-011 EA 44" x 30", Sash-Only Replacement Kit For Double Hung Wood Windows.....495.21
For Low-E Insulated Glass, Add 44.69
For Aluminum Clad Exterior, Add 47.88

08 52 11 00-012 34" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-001)

08 52 11 00-013 EA 20" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....376.02
For Low-E Insulated Glass, Add 32.48
For Aluminum Clad Exterior, Add 34.80

08 52 11 00-014 EA 24" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....399.53
For Low-E Insulated Glass, Add 34.88
For Aluminum Clad Exterior, Add 37.37

08 52 11 00-015 EA 28" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....419.86
For Low-E Insulated Glass, Add 37.27
For Aluminum Clad Exterior, Add 39.94

08 52 11 00-016 EA 30" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....437.17
For Low-E Insulated Glass, Add 38.80
For Aluminum Clad Exterior, Add 41.57

08 52 11 00-017 EA 32" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....448.15
For Low-E Insulated Glass, Add 39.89
For Aluminum Clad Exterior, Add 42.74

08 52 11 00-018 EA 34" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....460.69
For Low-E Insulated Glass, Add 41.20
For Aluminum Clad Exterior, Add 44.14

08 52 11 00-019 EA 36" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....471.68
For Low-E Insulated Glass, Add 42.29
For Aluminum Clad Exterior, Add 45.31

08 52 11 00-020 EA 40" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....495.21
For Low-E Insulated Glass, Add 44.69
For Aluminum Clad Exterior, Add 47.88

08 52 11 00-021 EA 44" x 34", Sash-Only Replacement Kit For Double Hung Wood Windows.....518.74
For Low-E Insulated Glass, Add 47.08
For Aluminum Clad Exterior, Add 50.45

08 52 11 00-022 36" Height, Sash-Only Replacement Kits For Double Hung Wood Windows

(08 52 11 00-001)

08 52 11 00-023 EA 20" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....386.96
For Low-E Insulated Glass, Add 33.79
For Aluminum Clad Exterior, Add 36.20

08 52 11 00-024 EA 24" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows.....410.47
For Low-E Insulated Glass, Add 36.18
For Aluminum Clad Exterior, Add 38.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0025 EA 28" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	435.57	
<i>For Low-E Insulated Glass, Add</i>	38.80	
<i>For Aluminum Clad Exterior, Add</i>	41.57	
08 52 11 00-0026 EA 30" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	446.55	
<i>For Low-E Insulated Glass, Add</i>	39.89	
<i>For Aluminum Clad Exterior, Add</i>	42.74	
08 52 11 00-0027 EA 32" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	459.09	
<i>For Low-E Insulated Glass, Add</i>	41.20	
<i>For Aluminum Clad Exterior, Add</i>	44.14	
08 52 11 00-0028 EA 34" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	470.08	
<i>For Low-E Insulated Glass, Add</i>	42.29	
<i>For Aluminum Clad Exterior, Add</i>	45.31	
08 52 11 00-0029 EA 36" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	482.62	
<i>For Low-E Insulated Glass, Add</i>	43.59	
<i>For Aluminum Clad Exterior, Add</i>	46.71	
08 52 11 00-0030 EA 40" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	504.59	
<i>For Low-E Insulated Glass, Add</i>	45.77	
<i>For Aluminum Clad Exterior, Add</i>	49.04	
08 52 11 00-0031 EA 44" x 36", Sash-Only Replacement Kit For Double Hung Wood Windows	528.12	
<i>For Low-E Insulated Glass, Add</i>	48.17	
<i>For Aluminum Clad Exterior, Add</i>	51.61	
08 52 11 00-0032 38" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
<small>(08 52 11 00-0001)</small>		
08 52 11 00-0033 EA 20" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	401.13	
<i>For Low-E Insulated Glass, Add</i>	34.88	
<i>For Aluminum Clad Exterior, Add</i>	37.37	
08 52 11 00-0034 EA 24" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	424.67	
<i>For Low-E Insulated Glass, Add</i>	37.27	
<i>For Aluminum Clad Exterior, Add</i>	39.94	
08 52 11 00-0035 EA 28" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	449.75	
<i>For Low-E Insulated Glass, Add</i>	39.89	
<i>For Aluminum Clad Exterior, Add</i>	42.74	
08 52 11 00-0036 EA 30" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	462.29	
<i>For Low-E Insulated Glass, Add</i>	41.20	
<i>For Aluminum Clad Exterior, Add</i>	44.14	
08 52 11 00-0037 EA 32" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	473.28	
<i>For Low-E Insulated Glass, Add</i>	42.29	
<i>For Aluminum Clad Exterior, Add</i>	45.31	
08 52 11 00-0038 EA 34" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	485.82	
<i>For Low-E Insulated Glass, Add</i>	43.59	
<i>For Aluminum Clad Exterior, Add</i>	46.71	
08 52 11 00-0039 EA 36" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	496.81	
<i>For Low-E Insulated Glass, Add</i>	44.69	
<i>For Aluminum Clad Exterior, Add</i>	47.88	
08 52 11 00-0040 EA 40" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	520.33	
<i>For Low-E Insulated Glass, Add</i>	47.08	
<i>For Aluminum Clad Exterior, Add</i>	50.45	
08 52 11 00-0041 EA 44" x 38", Sash-Only Replacement Kit For Double Hung Wood Windows	543.86	
<i>For Low-E Insulated Glass, Add</i>	49.48	
<i>For Aluminum Clad Exterior, Add</i>	53.01	
08 52 11 00-0042 46" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
<small>(08 52 11 00-0001)</small>		
08 52 11 00-0043 EA 20" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	448.15	
<i>For Low-E Insulated Glass, Add</i>	39.89	
<i>For Aluminum Clad Exterior, Add</i>	42.74	
08 52 11 00-0044 EA 24" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	471.68	
<i>For Low-E Insulated Glass, Add</i>	42.29	
<i>For Aluminum Clad Exterior, Add</i>	45.31	
08 52 11 00-0045 EA 28" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	495.21	
<i>For Low-E Insulated Glass, Add</i>	44.69	
<i>For Aluminum Clad Exterior, Add</i>	47.88	
08 52 11 00-0046 EA 30" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	506.20	
<i>For Low-E Insulated Glass, Add</i>	45.77	
<i>For Aluminum Clad Exterior, Add</i>	49.04	
08 52 11 00-0047 EA 32" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	518.74	
<i>For Low-E Insulated Glass, Add</i>	47.08	
<i>For Aluminum Clad Exterior, Add</i>	50.45	
08 52 11 00-0048 EA 34" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	529.72	
<i>For Low-E Insulated Glass, Add</i>	48.17	
<i>For Aluminum Clad Exterior, Add</i>	51.61	
08 52 11 00-0049 EA 36" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	542.26	
<i>For Low-E Insulated Glass, Add</i>	49.48	
<i>For Aluminum Clad Exterior, Add</i>	53.01	
08 52 11 00-0050 EA 40" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	565.79	
<i>For Low-E Insulated Glass, Add</i>	51.88	
<i>For Aluminum Clad Exterior, Add</i>	55.58	
08 52 11 00-0051 EA 44" x 46", Sash-Only Replacement Kit For Double Hung Wood Windows	590.88	
<i>For Low-E Insulated Glass, Add</i>	54.49	
<i>For Aluminum Clad Exterior, Add</i>	58.39	
08 52 11 00-0052 48" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
<small>(08 52 11 00-0001)</small>		

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0053	EA		20" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	459.09	
			<i>For Low-E Insulated Glass, Add</i>	41.20	
			<i>For Aluminum Clad Exterior, Add</i>	44.14	
08 52 11 00-0054	EA		24" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	482.62	
			<i>For Low-E Insulated Glass, Add</i>	43.59	
			<i>For Aluminum Clad Exterior, Add</i>	46.71	
08 52 11 00-0055	EA		28" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	504.59	
			<i>For Low-E Insulated Glass, Add</i>	45.77	
			<i>For Aluminum Clad Exterior, Add</i>	49.04	
08 52 11 00-0056	EA		30" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	517.14	
			<i>For Low-E Insulated Glass, Add</i>	47.08	
			<i>For Aluminum Clad Exterior, Add</i>	50.45	
08 52 11 00-0057	EA		32" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	528.12	
			<i>For Low-E Insulated Glass, Add</i>	48.17	
			<i>For Aluminum Clad Exterior, Add</i>	51.61	
08 52 11 00-0058	EA		34" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	540.66	
			<i>For Low-E Insulated Glass, Add</i>	49.48	
			<i>For Aluminum Clad Exterior, Add</i>	53.01	
08 52 11 00-0059	EA		36" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	551.64	
			<i>For Low-E Insulated Glass, Add</i>	50.57	
			<i>For Aluminum Clad Exterior, Add</i>	54.18	
08 52 11 00-0060	EA		40" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	576.73	
			<i>For Low-E Insulated Glass, Add</i>	53.19	
			<i>For Aluminum Clad Exterior, Add</i>	56.99	
08 52 11 00-0061	EA		44" x 48", Sash-Only Replacement Kit For Double Hung Wood Windows.....	600.26	
			<i>For Low-E Insulated Glass, Add</i>	55.58	
			<i>For Aluminum Clad Exterior, Add</i>	59.55	
08 52 11 00-0062			50" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0063	EA		20" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	473.28	
			<i>For Low-E Insulated Glass, Add</i>	42.29	
			<i>For Aluminum Clad Exterior, Add</i>	45.31	
08 52 11 00-0064	EA		24" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	496.81	
			<i>For Low-E Insulated Glass, Add</i>	44.69	
			<i>For Aluminum Clad Exterior, Add</i>	47.88	
08 52 11 00-0065	EA		28" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	520.33	
			<i>For Low-E Insulated Glass, Add</i>	47.08	
			<i>For Aluminum Clad Exterior, Add</i>	50.45	
08 52 11 00-0066	EA		30" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	531.32	
			<i>For Low-E Insulated Glass, Add</i>	48.17	
			<i>For Aluminum Clad Exterior, Add</i>	51.61	
08 52 11 00-0067	EA		32" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	543.86	
			<i>For Low-E Insulated Glass, Add</i>	49.48	
			<i>For Aluminum Clad Exterior, Add</i>	53.01	
08 52 11 00-0068	EA		34" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	554.84	
			<i>For Low-E Insulated Glass, Add</i>	50.57	
			<i>For Aluminum Clad Exterior, Add</i>	54.18	
08 52 11 00-0069	EA		36" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	567.39	
			<i>For Low-E Insulated Glass, Add</i>	51.88	
			<i>For Aluminum Clad Exterior, Add</i>	55.58	
08 52 11 00-0070	EA		40" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	592.48	
			<i>For Low-E Insulated Glass, Add</i>	54.49	
			<i>For Aluminum Clad Exterior, Add</i>	58.39	
08 52 11 00-0071	EA		44" x 50", Sash-Only Replacement Kit For Double Hung Wood Windows.....	616.01	
			<i>For Low-E Insulated Glass, Add</i>	56.89	
			<i>For Aluminum Clad Exterior, Add</i>	60.96	
08 52 11 00-0072			54" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
			<small>(08 52 11 00-0001)</small>		
08 52 11 00-0073	EA		20" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	496.81	
			<i>For Low-E Insulated Glass, Add</i>	44.69	
			<i>For Aluminum Clad Exterior, Add</i>	47.88	
08 52 11 00-0074	EA		24" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	520.33	
			<i>For Low-E Insulated Glass, Add</i>	47.08	
			<i>For Aluminum Clad Exterior, Add</i>	50.45	
08 52 11 00-0075	EA		28" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	543.86	
			<i>For Low-E Insulated Glass, Add</i>	49.48	
			<i>For Aluminum Clad Exterior, Add</i>	53.01	
08 52 11 00-0076	EA		30" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	554.84	
			<i>For Low-E Insulated Glass, Add</i>	50.57	
			<i>For Aluminum Clad Exterior, Add</i>	54.18	
08 52 11 00-0077	EA		32" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	567.39	
			<i>For Low-E Insulated Glass, Add</i>	51.88	
			<i>For Aluminum Clad Exterior, Add</i>	55.58	
08 52 11 00-0078	EA		34" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	579.94	
			<i>For Low-E Insulated Glass, Add</i>	53.19	
			<i>For Aluminum Clad Exterior, Add</i>	56.99	
08 52 11 00-0079	EA		36" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	592.48	
			<i>For Low-E Insulated Glass, Add</i>	54.49	
			<i>For Aluminum Clad Exterior, Add</i>	58.39	
08 52 11 00-0080	EA		40" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows.....	616.01	
			<i>For Low-E Insulated Glass, Add</i>	56.89	
			<i>For Aluminum Clad Exterior, Add</i>	60.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 11 00-0081 EA 44" x 54", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	639.53 59.29 63.52	
08 52 11 00-0082 58" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
08 52 11 00-0083 EA 20" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	518.74 47.08 50.45	
08 52 11 00-0084 EA 24" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	542.26 49.48 53.01	
08 52 11 00-0085 EA 28" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	565.79 51.88 55.58	
08 52 11 00-0086 EA 30" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	578.33 53.19 56.99	
08 52 11 00-0087 EA 32" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	590.88 54.49 58.39	
08 52 11 00-0088 EA 34" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	601.86 55.58 59.55	
08 52 11 00-0089 EA 36" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	614.41 56.89 60.96	
08 52 11 00-0090 EA 40" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	637.93 59.29 63.52	
08 52 11 00-0091 EA 44" x 58", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	659.90 61.47 65.86	
08 52 11 00-0092 60" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
08 52 11 00-0093 EA 20" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	528.12 48.17 51.61	
08 52 11 00-0094 EA 24" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	551.64 50.57 54.18	
08 52 11 00-0095 EA 28" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	576.73 53.19 56.99	
08 52 11 00-0096 EA 30" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	589.28 54.49 58.39	
08 52 11 00-0097 EA 32" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	600.26 55.58 59.55	
08 52 11 00-0098 EA 34" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	612.81 56.89 60.96	
08 52 11 00-0099 EA 36" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	623.79 57.98 62.12	
08 52 11 00-0100 EA 40" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	647.32 60.38 64.69	
08 52 11 00-0101 EA 44" x 60", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	670.84 62.78 67.26	
08 52 11 00-0102 62" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
08 52 11 00-0103 EA 20" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	543.86 49.48 53.01	
08 52 11 00-0104 EA 24" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	567.39 51.88 55.58	
08 52 11 00-0105 EA 28" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	592.48 54.49 58.39	
08 52 11 00-0106 EA 30" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	603.46 55.58 59.55	
08 52 11 00-0107 EA 32" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	616.01 56.89 60.96	
08 52 11 00-0108 EA 34" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	626.99 57.98 62.12	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 11 00-0109	EA	36" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	639.53	
		<i>For Low-E Insulated Glass, Add</i>	59.29	
		<i>For Aluminum Clad Exterior, Add</i>	63.52	
08 52 11 00-0110	EA	40" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	661.50	
		<i>For Low-E Insulated Glass, Add</i>	61.47	
		<i>For Aluminum Clad Exterior, Add</i>	65.86	
08 52 11 00-0111	EA	44" x 62", Sash-Only Replacement Kit For Double Hung Wood Windows.....	685.03	
		<i>For Low-E Insulated Glass, Add</i>	63.87	
		<i>For Aluminum Clad Exterior, Add</i>	68.43	
08 52 11 00-0112		66" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		<small>(08 52 11 00-0001)</small>		
08 52 11 00-0113	EA	20" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	567.39	
		<i>For Low-E Insulated Glass, Add</i>	51.88	
		<i>For Aluminum Clad Exterior, Add</i>	55.58	
08 52 11 00-0114	EA	24" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	592.48	
		<i>For Low-E Insulated Glass, Add</i>	54.49	
		<i>For Aluminum Clad Exterior, Add</i>	58.39	
08 52 11 00-0115	EA	28" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	616.01	
		<i>For Low-E Insulated Glass, Add</i>	56.89	
		<i>For Aluminum Clad Exterior, Add</i>	60.96	
08 52 11 00-0116	EA	30" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	626.99	
		<i>For Low-E Insulated Glass, Add</i>	57.98	
		<i>For Aluminum Clad Exterior, Add</i>	62.12	
08 52 11 00-0117	EA	32" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	639.53	
		<i>For Low-E Insulated Glass, Add</i>	59.29	
		<i>For Aluminum Clad Exterior, Add</i>	63.52	
08 52 11 00-0118	EA	34" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	650.51	
		<i>For Low-E Insulated Glass, Add</i>	60.38	
		<i>For Aluminum Clad Exterior, Add</i>	64.69	
08 52 11 00-0119	EA	36" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	661.50	
		<i>For Low-E Insulated Glass, Add</i>	61.47	
		<i>For Aluminum Clad Exterior, Add</i>	65.86	
08 52 11 00-0120	EA	40" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	685.03	
		<i>For Low-E Insulated Glass, Add</i>	63.87	
		<i>For Aluminum Clad Exterior, Add</i>	68.43	
08 52 11 00-0121	EA	44" x 66", Sash-Only Replacement Kit For Double Hung Wood Windows.....	708.55	
		<i>For Low-E Insulated Glass, Add</i>	66.26	
		<i>For Aluminum Clad Exterior, Add</i>	71.00	
08 52 11 00-0122		70" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		<small>(08 52 11 00-0001)</small>		
08 52 11 00-0123	EA	20" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	590.88	
		<i>For Low-E Insulated Glass, Add</i>	54.49	
		<i>For Aluminum Clad Exterior, Add</i>	58.39	
08 52 11 00-0124	EA	24" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	614.41	
		<i>For Low-E Insulated Glass, Add</i>	56.89	
		<i>For Aluminum Clad Exterior, Add</i>	60.96	
08 52 11 00-0125	EA	28" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	637.93	
		<i>For Low-E Insulated Glass, Add</i>	59.29	
		<i>For Aluminum Clad Exterior, Add</i>	63.52	
08 52 11 00-0126	EA	30" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	648.91	
		<i>For Low-E Insulated Glass, Add</i>	60.38	
		<i>For Aluminum Clad Exterior, Add</i>	64.69	
08 52 11 00-0127	EA	32" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	659.90	
		<i>For Low-E Insulated Glass, Add</i>	61.47	
		<i>For Aluminum Clad Exterior, Add</i>	65.86	
08 52 11 00-0128	EA	34" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	677.06	
		<i>For Low-E Insulated Glass, Add</i>	63.42	
		<i>For Aluminum Clad Exterior, Add</i>	67.95	
08 52 11 00-0129	EA	36" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	685.05	
		<i>For Low-E Insulated Glass, Add</i>	64.09	
		<i>For Aluminum Clad Exterior, Add</i>	68.67	
08 52 11 00-0130	EA	40" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	706.95	
		<i>For Low-E Insulated Glass, Add</i>	66.26	
		<i>For Aluminum Clad Exterior, Add</i>	71.00	
08 52 11 00-0131	EA	44" x 70", Sash-Only Replacement Kit For Double Hung Wood Windows.....	732.04	
		<i>For Low-E Insulated Glass, Add</i>	68.88	
		<i>For Aluminum Clad Exterior, Add</i>	73.80	
08 52 11 00-0132		74" Height, Sash-Only Replacement Kits For Double Hung Wood Windows		
		<small>(08 52 11 00-0001)</small>		
08 52 11 00-0133	EA	20" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	616.01	
		<i>For Low-E Insulated Glass, Add</i>	56.89	
		<i>For Aluminum Clad Exterior, Add</i>	60.96	
08 52 11 00-0134	EA	24" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	639.53	
		<i>For Low-E Insulated Glass, Add</i>	59.29	
		<i>For Aluminum Clad Exterior, Add</i>	63.52	
08 52 11 00-0135	EA	28" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	661.50	
		<i>For Low-E Insulated Glass, Add</i>	61.47	
		<i>For Aluminum Clad Exterior, Add</i>	65.86	
08 52 11 00-0136	EA	30" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows.....	674.04	
		<i>For Low-E Insulated Glass, Add</i>	62.78	
		<i>For Aluminum Clad Exterior, Add</i>	67.26	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 52 11 00-0137	EA		32" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	685.03 63.87 68.43	
	08 52 11 00-0138	EA		34" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	697.57 65.17 69.83	
	08 52 11 00-0139	EA		36" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	708.55 66.26 71.00	
	08 52 11 00-0140	EA		40" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	733.65 68.88 73.80	
	08 52 11 00-0141	EA		44" x 74", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	757.17 71.28 76.37	
	08 52 11 00-0142			78" Height, Sash-Only Replacement Kits For Double Hung Wood Windows <small>(08 52 11 00-0001)</small>		
	08 52 11 00-0143	EA		20" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	645.93 59.29 63.52	
	08 52 11 00-0144	EA		24" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	667.90 61.47 65.86	
	08 52 11 00-0145	EA		28" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	691.43 63.87 68.43	
	08 52 11 00-0146	EA		30" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	703.97 65.17 69.83	
	08 52 11 00-0147	EA		32" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	714.96 66.26 71.00	
	08 52 11 00-0148	EA		34" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	727.51 67.57 72.40	
	08 52 11 00-0149	EA		36" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	740.05 68.88 73.80	
	08 52 11 00-0150	EA		40" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	763.56 71.28 76.37	
	08 52 11 00-0151	EA		44" x 78", Sash-Only Replacement Kit For Double Hung Wood Windows <i>For Low-E Insulated Glass, Add</i> <i>For Aluminum Clad Exterior, Add</i>	787.09 73.68 78.94	
	08 52 11 00-0152			Commercial And Institutional Heavy Double Hung Windows <small>(08 52 11)</small> Note: With true divided lites. Performance grade DP 40 in NWWDA I.S. 2-93. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
	08 52 11 00-0153	SF		Up To 21 SF Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	171.27 12.13	14.29
	08 52 11 00-0154	SF		21 To 40 SF Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	159.52 10.86	15.89
	08 52 11 00-0155	SF		40 SF And Over Double Hung Wood Window With True Divided Lite <i>For Insulating Glass, Add</i>	148.16 9.56	17.83
	08 52 11 00-0156			Architectural And Historic Reproduction Wood Windows <small>(08 52 11)</small> Note: Fixed casement, awning, and double hung. With true divided lites. Casement performance grade DP 40; awning performance grade DP 25; double hung performance grade DP 30. Includes complete unit with hardware, blocking and accessories, glazing, caulking, prepare opening, anchors, testing and certifications. Excludes painting.		
	08 52 11 00-0157	SF		Up To 21 SF Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	186.33 13.41	14.28
	08 52 11 00-0158	SF		21 To 40 SF Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	167.65 11.55	15.88
	08 52 11 00-0159	SF		40 SF And Over Architectural And Historic Reproduction Wood Window <i>For Insulating Glass, Add</i>	152.93 9.96	17.82
	08 52 11 00-0160			Removal And Reinstallation Of Wood Window And Frame <small>(08 52 11)</small> Note: Includes storage, cleaning and supply materials.		
	08 52 11 00-0161	SF		Removal And Reinstallation Of Wood Windows And Frames.....	27.49	
	08 52 16			Plastic-Clad Wood Windows <small>(08 52)</small>		
	08 52 16 00-0001			Double Hung Wood Clad Windows <small>(08 52 16)</small> Note: Double hung windows feature two movable sashes that operate vertically and open independently.		
	08 52 16 00-0002			Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0001)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		

08 Openings

08 50 Windows

08 52 Wood Windows

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-0003		35-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0004	EA	23-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	314.47	52.58
		<i>For Low-E Insulated Glass, Add</i>	25.12	
		<i>For Tempered Clear Insulated Glass, Add</i>	41.86	
08 52 16 00-0005	EA	27-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	332.63	54.87
		<i>For Low-E Insulated Glass, Add</i>	26.75	
		<i>For Tempered Clear Insulated Glass, Add</i>	44.58	
08 52 16 00-0006	EA	31-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	349.64	57.15
		<i>For Low-E Insulated Glass, Add</i>	28.24	
		<i>For Tempered Clear Insulated Glass, Add</i>	47.07	
08 52 16 00-0007	EA	35-1/2" x 35-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	366.66	59.44
		<i>For Low-E Insulated Glass, Add</i>	29.73	
		<i>For Tempered Clear Insulated Glass, Add</i>	49.56	
08 52 16 00-0008		41-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0009	EA	23-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	340.56	56.01
		<i>For Low-E Insulated Glass, Add</i>	27.42	
		<i>For Tempered Clear Insulated Glass, Add</i>	45.71	
08 52 16 00-0010	EA	27-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	358.71	58.29
		<i>For Low-E Insulated Glass, Add</i>	29.05	
		<i>For Tempered Clear Insulated Glass, Add</i>	48.42	
08 52 16 00-0011	EA	31-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	375.73	60.58
		<i>For Low-E Insulated Glass, Add</i>	30.55	
		<i>For Tempered Clear Insulated Glass, Add</i>	50.91	
08 52 16 00-0012	EA	35-1/2" x 41-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	392.75	62.87
		<i>For Low-E Insulated Glass, Add</i>	32.04	
		<i>For Tempered Clear Insulated Glass, Add</i>	53.40	
08 52 16 00-0013		47-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0014	EA	23-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	366.66	59.44
		<i>For Low-E Insulated Glass, Add</i>	29.73	
		<i>For Tempered Clear Insulated Glass, Add</i>	49.56	
08 52 16 00-0015	EA	27-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	383.67	61.73
		<i>For Low-E Insulated Glass, Add</i>	31.23	
		<i>For Tempered Clear Insulated Glass, Add</i>	52.04	
08 52 16 00-0016	EA	31-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	401.82	64.01
		<i>For Low-E Insulated Glass, Add</i>	32.86	
		<i>For Tempered Clear Insulated Glass, Add</i>	54.76	
08 52 16 00-0017	EA	35-1/2" x 47-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	418.83	66.30
		<i>For Low-E Insulated Glass, Add</i>	34.35	
		<i>For Tempered Clear Insulated Glass, Add</i>	57.25	
08 52 16 00-0018		53-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0019	EA	23-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	392.75	62.87
		<i>For Low-E Insulated Glass, Add</i>	32.04	
		<i>For Tempered Clear Insulated Glass, Add</i>	53.40	
08 52 16 00-0020	EA	27-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	409.77	65.16
		<i>For Low-E Insulated Glass, Add</i>	33.54	
		<i>For Tempered Clear Insulated Glass, Add</i>	55.89	
08 52 16 00-0021	EA	31-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	426.78	67.44
		<i>For Low-E Insulated Glass, Add</i>	35.03	
		<i>For Tempered Clear Insulated Glass, Add</i>	58.38	
08 52 16 00-0022	EA	35-1/2" x 53-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	444.94	69.73
		<i>For Low-E Insulated Glass, Add</i>	36.66	
		<i>For Tempered Clear Insulated Glass, Add</i>	61.10	
08 52 16 00-0023		56-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) <small>(08 52 16 00-0002)</small>		
08 52 16 00-0024	EA	19-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	388.22	62.87
		<i>For Low-E Insulated Glass, Add</i>	31.63	
		<i>For Tempered Clear Insulated Glass, Add</i>	52.72	
08 52 16 00-0025	EA	23-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	405.23	64.58
		<i>For Low-E Insulated Glass, Add</i>	33.13	
		<i>For Tempered Clear Insulated Glass, Add</i>	55.21	
08 52 16 00-0026	EA	27-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	423.38	67.44
		<i>For Low-E Insulated Glass, Add</i>	34.76	
		<i>For Tempered Clear Insulated Glass, Add</i>	57.93	
08 52 16 00-0027	EA	31-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	440.39	69.73
		<i>For Low-E Insulated Glass, Add</i>	36.25	
		<i>For Tempered Clear Insulated Glass, Add</i>	60.42	
08 52 16 00-0028	EA	35-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	457.41	72.01
		<i>For Low-E Insulated Glass, Add</i>	37.74	
		<i>For Tempered Clear Insulated Glass, Add</i>	62.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0029 EA 39-1/2" x 56-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	474.42	74.30
<i>For Low-E Insulated Glass, Add</i>	39.24	
<i>For Tempered Clear Insulated Glass, Add</i>	65.39	
08 52 16 00-0030 59-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0031 EA 19-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	401.82	64.01
<i>For Low-E Insulated Glass, Add</i>	32.86	
<i>For Tempered Clear Insulated Glass, Add</i>	54.76	
08 52 16 00-0032 EA 23-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	418.83	66.30
<i>For Low-E Insulated Glass, Add</i>	34.35	
<i>For Tempered Clear Insulated Glass, Add</i>	57.25	
08 52 16 00-0033 EA 27-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	435.85	68.58
<i>For Low-E Insulated Glass, Add</i>	35.84	
<i>For Tempered Clear Insulated Glass, Add</i>	59.74	
08 52 16 00-0034 EA 31-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	452.88	70.87
<i>For Low-E Insulated Glass, Add</i>	37.34	
<i>For Tempered Clear Insulated Glass, Add</i>	62.23	
08 52 16 00-0035 EA 35-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	469.89	73.15
<i>For Low-E Insulated Glass, Add</i>	38.83	
<i>For Tempered Clear Insulated Glass, Add</i>	64.72	
08 52 16 00-0036 EA 39-1/2" x 59-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	488.04	75.44
<i>For Low-E Insulated Glass, Add</i>	40.46	
<i>For Tempered Clear Insulated Glass, Add</i>	67.43	
08 52 16 00-0037 65-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0038 EA 23-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	444.94	69.73
<i>For Low-E Insulated Glass, Add</i>	36.66	
<i>For Tempered Clear Insulated Glass, Add</i>	61.10	
08 52 16 00-0039 EA 27-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	461.95	72.01
<i>For Low-E Insulated Glass, Add</i>	38.15	
<i>For Tempered Clear Insulated Glass, Add</i>	63.58	
08 52 16 00-0040 EA 31-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	478.97	74.30
<i>For Low-E Insulated Glass, Add</i>	39.64	
<i>For Tempered Clear Insulated Glass, Add</i>	66.07	
08 52 16 00-0041 EA 35-1/2" x 65-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	495.98	76.59
<i>For Low-E Insulated Glass, Add</i>	41.14	
<i>For Tempered Clear Insulated Glass, Add</i>	68.56	
08 52 16 00-0042 71-1/2" Height, Double Hung Wood Clad Windows (Andersen 200 TW Series) (08 52 16 00-0002)		
08 52 16 00-0043 EA 23-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	469.89	73.15
<i>For Low-E Insulated Glass, Add</i>	38.83	
<i>For Tempered Clear Insulated Glass, Add</i>	64.72	
08 52 16 00-0044 EA 27-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	488.04	75.44
<i>For Low-E Insulated Glass, Add</i>	40.46	
<i>For Tempered Clear Insulated Glass, Add</i>	67.43	
08 52 16 00-0045 EA 31-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	505.06	77.73
<i>For Low-E Insulated Glass, Add</i>	41.95	
<i>For Tempered Clear Insulated Glass, Add</i>	69.92	
08 52 16 00-0046 EA 35-1/2" x 71-1/2" Double Hung Wood Clad Window (Andersen 200 TW Series).....	522.08	80.02
<i>For Low-E Insulated Glass, Add</i>	43.45	
<i>For Tempered Clear Insulated Glass, Add</i>	72.41	
08 52 16 00-0047 Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0001)		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0048 36-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0049 EA 21-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	381.21	52.58
<i>For Tempered Low-E Insulated Glass, Add</i>	55.44	
08 52 16 00-0050 EA 25-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	403.89	54.30
<i>For Tempered Low-E Insulated Glass, Add</i>	59.06	
08 52 16 00-0051 EA 29-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	427.69	56.58
<i>For Tempered Low-E Insulated Glass, Add</i>	62.91	
08 52 16 00-0052 EA 31-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	440.16	58.29
<i>For Tempered Low-E Insulated Glass, Add</i>	64.94	
08 52 16 00-0053 EA 33-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.49	59.44
<i>For Tempered Low-E Insulated Glass, Add</i>	66.75	
08 52 16 00-0054 EA 35-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	462.83	60.58
<i>For Tempered Low-E Insulated Glass, Add</i>	68.56	
08 52 16 00-0055 EA 37-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	475.30	61.15
<i>For Tempered Low-E Insulated Glass, Add</i>	70.60	
08 52 16 00-0056 EA 41-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	497.98	63.44
<i>For Tempered Low-E Insulated Glass, Add</i>	74.22	
08 52 16 00-0057 EA 45-5/8" x 36-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	521.78	65.72
<i>For Tempered Low-E Insulated Glass, Add</i>	78.07	

08 Openings

08 50 Windows

08 52 Wood Windows

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 52 16 00-0058		40-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>			
08 52 16 00-0059	EA	21-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	403.89		54.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	59.06		
08 52 16 00-0060	EA	25-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	427.69		56.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	62.91		
08 52 16 00-0061	EA	29-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.49		58.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	66.75		
08 52 16 00-0062	EA	31-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	462.83		60.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	68.56		
08 52 16 00-0063	EA	33-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	475.30		61.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	70.60		
08 52 16 00-0064	EA	35-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	486.65		62.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	72.41		
08 52 16 00-0065	EA	37-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	497.98		63.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.22		
08 52 16 00-0066	EA	41-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	521.78		65.72
		<i>For Tempered Low-E Insulated Glass, Add</i>	78.07		
08 52 16 00-0067	EA	45-5/8" x 40-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	545.59		68.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.91		
08 52 16 00-0068		44-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>			
08 52 16 00-0069	EA	21-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	427.69		57.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	62.91		
08 52 16 00-0070	EA	25-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.49		58.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	66.75		
08 52 16 00-0071	EA	29-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	475.30		61.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	70.60		
08 52 16 00-0072	EA	31-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	486.65		62.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	72.41		
08 52 16 00-0073	EA	33-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	497.98		64.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.22		
08 52 16 00-0074	EA	35-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	510.45		65.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	76.26		
08 52 16 00-0075	EA	37-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	521.78		65.72
		<i>For Tempered Low-E Insulated Glass, Add</i>	78.07		
08 52 16 00-0076	EA	41-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	545.59		68.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.91		
08 52 16 00-0077	EA	45-5/8" x 44-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	569.40		70.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.76		
08 52 16 00-0078		48-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>			
08 52 16 00-0079	EA	21-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	451.49		59.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	66.75		
08 52 16 00-0080	EA	25-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	475.30		61.15
		<i>For Tempered Low-E Insulated Glass, Add</i>	70.60		
08 52 16 00-0081	EA	29-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	497.98		63.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.22		
08 52 16 00-0082	EA	31-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	510.45		65.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	76.26		
08 52 16 00-0083	EA	33-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	521.78		66.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	78.07		
08 52 16 00-0084	EA	35-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	533.12		67.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	79.88		
08 52 16 00-0085	EA	37-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	545.59		68.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.91		
08 52 16 00-0086	EA	41-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	569.40		70.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.76		
08 52 16 00-0087	EA	45-5/8" x 48-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	592.07		72.59
		<i>For Tempered Low-E Insulated Glass, Add</i>	89.38		
08 52 16 00-0088		52-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>			
08 52 16 00-0089	EA	21-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	475.30		61.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	70.60		
08 52 16 00-0090	EA	25-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	497.98		63.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	74.22		
08 52 16 00-0091	EA	29-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	521.78		65.72
		<i>For Tempered Low-E Insulated Glass, Add</i>	78.07		
08 52 16 00-0092	EA	31-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	533.12		67.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	79.88		
08 52 16 00-0093	EA	33-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	545.59		68.58
		<i>For Tempered Low-E Insulated Glass, Add</i>	81.91		
08 52 16 00-0094	EA	35-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	556.93		69.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	83.72		
08 52 16 00-0095	EA	37-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series).....	569.40		70.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	85.76		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0096 EA 41-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.07 89.38	72.59
08 52 16 00-0097 EA 45-5/8" x 52-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.88 93.23	74.87
08 52 16 00-0098 56-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0099 EA 21-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	497.98 74.22	64.01
08 52 16 00-0100 EA 25-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	521.78 78.07	65.72
08 52 16 00-0101 EA 29-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	545.59 81.91	68.01
08 52 16 00-0102 EA 31-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	556.93 83.72	69.73
08 52 16 00-0103 EA 33-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	569.40 85.76	70.87
08 52 16 00-0104 EA 35-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	580.73 87.57	72.01
08 52 16 00-0105 EA 37-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.07 89.38	72.59
08 52 16 00-0106 EA 41-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.88 93.23	74.87
08 52 16 00-0107 EA 45-5/8" x 56-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	639.69 97.07	77.16
08 52 16 00-0108 60-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0109 EA 21-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	521.78 78.07	66.30
08 52 16 00-0110 EA 25-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	545.59 81.91	68.01
08 52 16 00-0111 EA 29-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	569.40 85.76	70.30
08 52 16 00-0112 EA 31-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	580.73 87.57	72.01
08 52 16 00-0113 EA 33-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.07 89.38	73.15
08 52 16 00-0114 EA 35-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	604.54 91.42	74.30
08 52 16 00-0115 EA 37-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.88 93.23	74.87
08 52 16 00-0116 EA 41-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	639.69 97.07	77.16
08 52 16 00-0117 EA 45-5/8" x 60-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	662.36 100.69	79.44
08 52 16 00-0118 64-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0119 EA 21-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	545.59 81.91	68.58
08 52 16 00-0120 EA 25-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	569.40 85.76	70.30
08 52 16 00-0121 EA 29-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.07 89.38	72.59
08 52 16 00-0122 EA 31-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	604.54 91.42	74.30
08 52 16 00-0123 EA 33-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.88 93.23	75.44
08 52 16 00-0124 EA 35-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	627.21 95.04	76.59
08 52 16 00-0125 EA 37-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	639.69 97.07	77.16
08 52 16 00-0126 EA 41-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	662.36 100.69	79.44
08 52 16 00-0127 EA 45-5/8" x 64-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	686.17 104.54	81.73
08 52 16 00-0128 68-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) (08 52 16 00-0047)		
08 52 16 00-0129 EA 21-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	569.40 85.76	70.87
08 52 16 00-0130 EA 25-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.07 89.38	72.59
08 52 16 00-0131 EA 29-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.88 93.23	74.87
08 52 16 00-0132 EA 31-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	627.21 95.04	76.59

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0133	EA		33-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	639.69 97.07	77.73
08 52 16 00-0134	EA		35-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	651.02 98.88	78.87
08 52 16 00-0135	EA		37-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	662.36 100.69	79.44
08 52 16 00-0136	EA		41-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	686.17 104.54	81.73
08 52 16 00-0137	EA		45-5/8" x 68-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	709.97 108.39	84.02
08 52 16 00-0138			72-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0139	EA		21-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	592.07 89.38	73.15
08 52 16 00-0140	EA		25-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.88 93.23	74.87
08 52 16 00-0141	EA		29-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	639.69 97.07	77.16
08 52 16 00-0142	EA		31-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	651.02 98.88	78.87
08 52 16 00-0143	EA		33-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	662.36 100.69	80.02
08 52 16 00-0144	EA		35-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	674.83 102.73	81.16
08 52 16 00-0145	EA		37-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	686.17 104.54	81.73
08 52 16 00-0146	EA		41-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	709.97 108.39	84.02
08 52 16 00-0147	EA		45-5/8" x 72-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	733.77 112.23	86.30
08 52 16 00-0148			76-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0149	EA		21-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	615.88 93.23	75.44
08 52 16 00-0150	EA		25-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	639.69 97.07	77.16
08 52 16 00-0151	EA		29-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	662.36 100.69	79.44
08 52 16 00-0152	EA		31-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	674.83 102.73	81.16
08 52 16 00-0153	EA		33-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	686.17 104.54	82.30
08 52 16 00-0154	EA		35-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	698.63 106.58	83.44
08 52 16 00-0155	EA		37-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	709.97 108.39	84.02
08 52 16 00-0156	EA		41-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	733.77 112.23	86.30
08 52 16 00-0157	EA		45-5/8" x 76-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	756.45 115.86	88.59
08 52 16 00-0158			84-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0159	EA		21-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	931.64 154.55	80.02
08 52 16 00-0160	EA		25-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	964.49 160.21	81.73
08 52 16 00-0161	EA		29-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	997.35 165.86	84.02
08 52 16 00-0162	EA		31-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,013.21 168.58	85.73
08 52 16 00-0163	EA		33-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,030.20 171.52	86.87
08 52 16 00-0164	EA		35-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,046.07 174.24	88.01
08 52 16 00-0165	EA		37-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,061.92 176.95	88.59
08 52 16 00-0166	EA		41-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,094.78 182.61	90.87
08 52 16 00-0167	EA		45-5/8" x 84-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,127.64 188.26	93.16
08 52 16 00-0168			88-7/8" Height, Double Hung Wood Clad Windows (Andersen 400 TW Series) <small>(08 52 16 00-0047)</small>		
08 52 16 00-0169	EA		21-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	964.49 160.21	82.30

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0170 EA 25-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	997.35 165.86	84.02
08 52 16 00-0171 EA 29-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,030.20 171.52	86.30
08 52 16 00-0172 EA 31-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,046.07 174.24	88.01
08 52 16 00-0173 EA 33-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,061.92 176.95	89.16
08 52 16 00-0174 EA 35-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,078.92 179.89	90.30
08 52 16 00-0175 EA 37-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,094.78 182.61	90.87
08 52 16 00-0176 EA 41-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,127.64 188.26	93.16
08 52 16 00-0177 EA 45-5/8" x 88-7/8" Double Hung Wood Clad Window (Andersen 400 TW Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,160.50 193.92	95.44
08 52 16 00-0178 Casement Wood Clad Windows <small>(08 52 16)</small> Note: Casement windows are hinged on one side and swing inward or outward with a crank or push out operation.		
08 52 16 00-0179 Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0178)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0180 One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0181 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0182 EA 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	350.51 52.96	43.43
08 52 16 00-0183 EA 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	370.37 56.24	44.58
08 52 16 00-0184 EA 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	392.73 59.80	46.87
08 52 16 00-0185 EA 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	413.43 63.03	49.15
08 52 16 00-0186 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0187 EA 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	375.61 57.06	45.72
08 52 16 00-0188 EA 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	395.47 60.35	46.87
08 52 16 00-0189 EA 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	417.84 63.91	49.15
08 52 16 00-0190 EA 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	429.44 65.31	51.44
08 52 16 00-0191 EA 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	454.94 69.73	53.72
08 52 16 00-0192 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0193 EA 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	420.57 64.45	49.15
08 52 16 00-0194 EA 20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	441.80 68.01	51.44
08 52 16 00-0195 EA 24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	464.18 71.57	53.15
08 52 16 00-0196 EA 28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	498.86 77.60	55.44
08 52 16 00-0197 EA 31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	531.68 83.47	57.15
08 52 16 00-0198 EA 35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	563.44 89.37	58.29
08 52 16 00-0199 40-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0200 EA 17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	450.93 69.38	52.58
08 52 16 00-0201 EA 20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	470.78 72.67	53.72
08 52 16 00-0202 EA 24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	493.16 76.23	56.01
08 52 16 00-0203 EA 28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	542.90 85.26	58.29
08 52 16 00-0204 EA 31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	577.25 91.45	60.58

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0205	EA		35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	609.78 97.04	62.87
08 52 16 00-0206			48" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0207	EA		17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	494.30 76.23	57.15
08 52 16 00-0208	EA		20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	515.52 79.79	58.29
08 52 16 00-0209	EA		24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	537.90 83.35	60.58
08 52 16 00-0210	EA		28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	606.12 96.08	62.87
08 52 16 00-0211	EA		31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	633.18 100.80	65.16
08 52 16 00-0212	EA		35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	673.67 107.99	67.44
08 52 16 00-0213			52-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0214	EA		17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	523.51 81.16	59.44
08 52 16 00-0215	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	543.37 84.44	60.58
08 52 16 00-0216	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	565.74 88.00	62.87
08 52 16 00-0217	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	649.71 103.88	65.16
08 52 16 00-0218	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	689.74 111.20	67.44
08 52 16 00-0219	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	716.57 115.65	69.73
08 52 16 00-0220			59-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0221	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	565.74 88.00	62.87
08 52 16 00-0222	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	586.97 91.56	65.16
08 52 16 00-0223	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	609.33 95.12	66.87
08 52 16 00-0224	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	712.46 114.83	69.16
08 52 16 00-0225	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	741.06 119.86	70.87
08 52 16 00-0226	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	779.33 126.60	73.15
08 52 16 00-0227			64-13/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0228	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	596.09 92.93	66.30
08 52 16 00-0229	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	615.95 96.21	67.44
08 52 16 00-0230	EA		24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	638.32 99.77	69.73
08 52 16 00-0231	EA		28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	756.51 122.50	72.01
08 52 16 00-0232	EA		31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	783.15 127.14	74.30
08 52 16 00-0233	EA		35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	823.37 134.27	76.59
08 52 16 00-0234			71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0180)</small>		
08 52 16 00-0235	EA		17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	638.32 99.77	69.73
08 52 16 00-0236	EA		20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	659.54 103.33	72.01
08 52 16 00-0237	EA		24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	681.91 106.89	73.73
08 52 16 00-0238	EA		28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	819.26 133.45	76.01
08 52 16 00-0239	EA		31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	851.81 139.27	77.73
08 52 16 00-0240	EA		35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	886.13 145.22	80.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0241 Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0179)</small>		
08 52 16 00-0242 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0243 EA 40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	619.02 101.40	56.01
08 52 16 00-0244 EA 48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	702.30 116.23	60.58
08 52 16 00-0245 EA 56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	798.46 133.63	65.16
08 52 16 00-0246 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0247 EA 40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	667.03 110.09	58.29
08 52 16 00-0248 EA 48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	750.31 124.91	62.87
08 52 16 00-0249 EA 56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	846.47 142.32	67.44
08 52 16 00-0250 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0251 EA 33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	661.21 108.92	58.29
08 52 16 00-0252 EA 40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	745.88 124.26	62.87
08 52 16 00-0253 EA 48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	834.41 140.13	67.44
08 52 16 00-0254 EA 56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	936.64 158.75	71.44
08 52 16 00-0255 EA 62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,005.27 171.11	74.87
08 52 16 00-0256 EA 71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,119.43 191.88	80.02
08 52 16 00-0257 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0258 EA 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	720.30 119.60	61.15
08 52 16 00-0259 EA 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	804.97 134.93	65.16
08 52 16 00-0260 EA 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	893.52 150.81	69.73
08 52 16 00-0261 EA 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	995.75 169.43	74.30
08 52 16 00-0262 EA 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,071.64 183.24	77.73
08 52 16 00-0263 EA 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,387.97 244.45	82.87
08 52 16 00-0264 48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0265 EA 33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	807.48 135.21	65.72
08 52 16 00-0266 EA 40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	893.52 150.81	69.73
08 52 16 00-0267 EA 48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	982.06 166.69	74.30
08 52 16 00-0268 EA 56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,084.28 185.31	78.87
08 52 16 00-0269 EA 62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,157.03 198.49	82.30
08 52 16 00-0270 EA 71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,267.07 218.44	87.45
08 52 16 00-0271 52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0241)</small>		
08 52 16 00-0272 EA 33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	865.44 145.88	68.01
08 52 16 00-0273 EA 40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	950.11 161.22	72.01
08 52 16 00-0274 EA 48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,028.49 175.06	76.59

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0275	EA 56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,140.87 195.71	81.16
08 52 16 00-0276	EA 62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,217.05 209.58	84.59
08 52 16 00-0277	EA 71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,325.03 229.11	89.73
08 52 16 00-0278	59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0279	EA 33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	951.48 161.49	72.01
08 52 16 00-0280	EA 40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,036.13 176.82	76.59
08 52 16 00-0281	EA 48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,124.68 192.70	81.16
08 52 16 00-0282	EA 56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,226.91 211.32	85.16
08 52 16 00-0283	EA 62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,303.07 225.18	88.59
08 52 16 00-0284	EA 71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,409.69 244.45	93.73
08 52 16 00-0285	64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0286	EA 33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,010.58 172.17	74.87
08 52 16 00-0287	EA 40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,095.24 187.50	78.87
08 52 16 00-0288	EA 48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,185.14 203.65	83.44
08 52 16 00-0289	EA 56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,287.38 222.27	88.01
08 52 16 00-0290	71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0241)		
08 52 16 00-0291	EA 33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,096.61 187.77	78.87
08 52 16 00-0292	EA 40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,181.26 203.10	83.44
08 52 16 00-0293	EA 48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,269.81 218.98	88.01
08 52 16 00-0294	EA 56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,372.04 237.60	92.02
08 52 16 00-0295	One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0179)		
08 52 16 00-0296	24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0297	EA 71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	975.55 165.62	73.73
08 52 16 00-0298	EA 84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,132.92 194.12	81.16
08 52 16 00-0299	28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0300	EA 71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,034.34 176.46	76.01
08 52 16 00-0301	EA 84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,181.56 202.94	83.44
08 52 16 00-0302	35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0295)		
08 52 16 00-0303	EA 61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	996.02 169.48	74.30
08 52 16 00-0304	EA 71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,122.17 192.43	80.02
08 52 16 00-0305	EA 84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	1,278.03 220.63	88.01

Openings	08	08
Windows	08 50	
Wood Windows	08 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0306 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small>		
08 52 16 00-0307 EA 61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,052.34	77.73
For Tempered Clear Insulated Glass, Add	179.60	
08 52 16 00-0308 EA 71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,182.63	82.87
For Tempered Clear Insulated Glass, Add	203.38	
08 52 16 00-0309 EA 84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,337.12	90.30
For Tempered Clear Insulated Glass, Add	231.30	
08 52 16 00-0310 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small>		
08 52 16 00-0311 EA 71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,269.81	87.45
For Tempered Clear Insulated Glass, Add	218.98	
08 52 16 00-0312 EA 84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,424.30	94.88
For Tempered Clear Insulated Glass, Add	246.91	
08 52 16 00-0313 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small>		
08 52 16 00-0314 EA 71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,327.77	89.73
For Tempered Clear Insulated Glass, Add	229.66	
08 52 16 00-0315 EA 84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,482.26	97.16
For Tempered Clear Insulated Glass, Add	257.59	
08 52 16 00-0316 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0295)</small>		
08 52 16 00-0317 EA 71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,412.43	93.73
For Tempered Clear Insulated Glass, Add	244.99	
08 52 16 00-0318 EA 84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 200 Series).....	1,568.29	101.73
For Tempered Clear Insulated Glass, Add	273.19	
08 52 16 00-0319 Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0178)</small>		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0320 One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0319)</small>		
08 52 16 00-0321 24-1/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0322 EA 17" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	414.16	43.43
For Tempered Low-E Insulated Glass, Add	65.69	
08 52 16 00-0323 EA 20-1/2" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	438.13	44.58
For Tempered Low-E Insulated Glass, Add	69.79	
08 52 16 00-0324 EA 24-1/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	464.94	46.87
For Tempered Low-E Insulated Glass, Add	74.24	
08 52 16 00-0325 EA 28-3/8" x 24-1/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	489.68	49.15
For Tempered Low-E Insulated Glass, Add	78.28	
08 52 16 00-0326 28-3/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0327 EA 17" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	444.40	45.72
For Tempered Low-E Insulated Glass, Add	70.82	
08 52 16 00-0328 EA 20-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	468.37	46.87
For Tempered Low-E Insulated Glass, Add	74.93	
08 52 16 00-0329 EA 24-1/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	495.18	49.15
For Tempered Low-E Insulated Glass, Add	79.38	
08 52 16 00-0330 EA 28-3/8" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	508.54	51.44
For Tempered Low-E Insulated Glass, Add	81.13	
08 52 16 00-0331 EA 31-1/2" x 28-3/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	539.56	53.72
For Tempered Low-E Insulated Glass, Add	86.65	
08 52 16 00-0332 35-15/16" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0333 EA 17" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	498.60	49.15
For Tempered Low-E Insulated Glass, Add	80.06	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0334	EA		20-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	524.28	51.44
			<i>For Tempered Low-E Insulated Glass, Add</i>	84.51	
08 52 16 00-0335	EA		24-1/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	551.10	53.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	88.96	
08 52 16 00-0336	EA		28-3/8" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	593.32	55.44
			<i>For Tempered Low-E Insulated Glass, Add</i>	96.49	
08 52 16 00-0337	EA		31-1/2" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	633.48	57.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	103.83	
08 52 16 00-0338	EA		35-15/16" x 35-15/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	672.61	58.29
			<i>For Tempered Low-E Insulated Glass, Add</i>	111.20	
08 52 16 00-0339			40-13/16" Height, One Operating Sash, Casement Wood Clad Windows		
			(Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0340	EA		17" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	535.12	52.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	86.22	
08 52 16 00-0341	EA		20-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	559.08	53.72
			<i>For Tempered Low-E Insulated Glass, Add</i>	90.33	
08 52 16 00-0342	EA		24-1/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	585.90	56.01
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.78	
08 52 16 00-0343	EA		28-3/8" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	646.94	58.29
			<i>For Tempered Low-E Insulated Glass, Add</i>	106.07	
08 52 16 00-0344	EA		31-1/2" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	689.01	60.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	113.80	
08 52 16 00-0345	EA		35-15/16" x 40-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	728.53	62.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	120.79	
08 52 16 00-0346			48" Height, One Operating Sash, Casement Wood Clad Windows		
			(Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0347	EA		17" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	587.04	57.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	94.78	
08 52 16 00-0348	EA		20-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	612.72	58.29
			<i>For Tempered Low-E Insulated Glass, Add</i>	99.23	
08 52 16 00-0349	EA		24-1/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	639.54	60.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	103.67	
08 52 16 00-0350	EA		28-3/8" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	723.67	62.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.59	
08 52 16 00-0351	EA		31-1/2" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	756.64	65.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	125.49	
08 52 16 00-0352	EA		35-15/16" x 48", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	806.11	67.44
			<i>For Tempered Low-E Insulated Glass, Add</i>	134.47	
08 52 16 00-0353			52-13/16" Height, One Operating Sash, Casement Wood Clad Windows		
			(Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0354	EA		17" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	622.41	59.44
			<i>For Tempered Low-E Insulated Glass, Add</i>	100.94	
08 52 16 00-0355	EA		20-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	646.39	60.58
			<i>For Tempered Low-E Insulated Glass, Add</i>	105.04	
08 52 16 00-0356	EA		24-1/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	673.20	62.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.49	
08 52 16 00-0357	EA		28-3/8" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	777.02	65.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	129.34	
08 52 16 00-0358	EA		31-1/2" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	826.19	67.44
			<i>For Tempered Low-E Insulated Glass, Add</i>	138.49	
08 52 16 00-0359	EA		35-15/16" x 52-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	858.60	69.73
			<i>For Tempered Low-E Insulated Glass, Add</i>	144.06	
08 52 16 00-0360			59-7/8" Height, One Operating Sash, Casement Wood Clad Windows		
			(Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0361	EA		17" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	673.20	62.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	109.49	
08 52 16 00-0362	EA		20-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	698.88	65.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	113.94	
08 52 16 00-0363	EA		24-1/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	725.69	66.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	118.39	
08 52 16 00-0364	EA		28-3/8" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	853.46	69.16
			<i>For Tempered Low-E Insulated Glass, Add</i>	143.03	
08 52 16 00-0365	EA		31-1/2" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	888.34	70.87
			<i>For Tempered Low-E Insulated Glass, Add</i>	149.32	
08 52 16 00-0366	EA		35-15/16" x 59-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	935.04	73.15
			<i>For Tempered Low-E Insulated Glass, Add</i>	157.75	
08 52 16 00-0367			64-13/16" Height, One Operating Sash, Casement Wood Clad Windows		
			(Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0368	EA		17" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	709.71	66.30
			<i>For Tempered Low-E Insulated Glass, Add</i>	115.65	
08 52 16 00-0369	EA		20-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series).....	733.68	67.44
			<i>For Tempered Low-E Insulated Glass, Add</i>	119.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0370 EA 24-1/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	760.50 124.21	69.73
08 52 16 00-0371 EA 28-3/8" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	907.10 152.61	72.01
08 52 16 00-0372 EA 31-1/2" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	939.54 158.42	74.30
08 52 16 00-0373 EA 35-15/16" x 64-13/16", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	988.66 167.33	76.59
08 52 16 00-0374 71-7/8" Height, One Operating Sash, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0320)</small>		
08 52 16 00-0375 EA 17" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	760.50 124.21	69.73
08 52 16 00-0376 EA 20-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	786.17 128.66	72.01
08 52 16 00-0377 EA 24-1/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	812.98 133.11	73.73
08 52 16 00-0378 EA 28-3/8" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	983.53 166.30	76.01
08 52 16 00-0379 EA 31-1/2" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,023.36 173.58	77.73
08 52 16 00-0380 EA 35-15/16" x 71-7/8", One Operating Sash, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,065.12 181.02	80.02
08 52 16 00-0381 Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0319)</small>		
08 52 16 00-0382 24-1/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0383 EA 40-3/4" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	740.69 125.73	56.01
08 52 16 00-0384 EA 48" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	842.50 144.27	60.58
08 52 16 00-0385 EA 56-1/2" x 24-1/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	960.42 166.02	65.16
08 52 16 00-0386 28-3/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0387 EA 40-3/4" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	799.56 136.59	58.29
08 52 16 00-0388 EA 48" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	901.37 155.13	62.87
08 52 16 00-0389 EA 56-1/2" x 28-3/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,019.29 176.88	67.44
08 52 16 00-0390 35-15/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0391 EA 33-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	792.28 135.14	58.29
08 52 16 00-0392 EA 40-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	896.12 154.30	62.87
08 52 16 00-0393 EA 48" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,004.50 174.15	67.44
08 52 16 00-0394 EA 56-1/2" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,130.00 197.42	71.44
08 52 16 00-0395 EA 62-3/4" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,214.08 212.87	74.87
08 52 16 00-0396 EA 71-5/8" x 35-15/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,354.20 238.83	80.02
08 52 16 00-0397 40-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0381)</small>		
08 52 16 00-0398 EA 33-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	864.73 148.49	61.15
08 52 16 00-0399 EA 40-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	968.56 167.65	65.16
08 52 16 00-0400 EA 48" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,076.96 187.50	69.73
08 52 16 00-0401 EA 56-1/2" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,202.45 210.77	74.30
08 52 16 00-0402 EA 62-3/4" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,295.61 228.03	77.73
08 52 16 00-0403 EA 71-5/8" x 40-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,688.45 304.54	82.87

08 Openings**08 50 Windows**

08 52 Wood Windows

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 52 16 00-0404		48" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)			
08 52 16 00-0405	EA	33-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	971.41		65.72
		<i>For Tempered Low-E Insulated Glass, Add</i>	167.99		
08 52 16 00-0406	EA	40-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,076.96		69.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	187.50		
08 52 16 00-0407	EA	48" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,185.34		74.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	207.35		
08 52 16 00-0408	EA	56-1/2" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,310.84		78.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	230.62		
08 52 16 00-0409	EA	62-3/4" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,400.05		82.30
		<i>For Tempered Low-E Insulated Glass, Add</i>	247.09		
08 52 16 00-0410	EA	71-5/8" x 48", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,535.04		87.45
		<i>For Tempered Low-E Insulated Glass, Add</i>	272.03		
08 52 16 00-0411		52-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)			
08 52 16 00-0412	EA	33-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,042.72		68.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	181.34		
08 52 16 00-0413	EA	40-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,146.55		72.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	200.50		
08 52 16 00-0414	EA	48" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,244.78		76.59
		<i>For Tempered Low-E Insulated Glass, Add</i>	218.32		
08 52 16 00-0415	EA	56-1/2" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,380.43		81.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	243.62		
08 52 16 00-0416	EA	62-3/4" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,473.93		84.59
		<i>For Tempered Low-E Insulated Glass, Add</i>	260.95		
08 52 16 00-0417	EA	71-5/8" x 52-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,606.34		89.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	285.38		
08 52 16 00-0418		59-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)			
08 52 16 00-0419	EA	33-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,148.26		72.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	200.85		
08 52 16 00-0420	EA	40-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,252.08		76.59
		<i>For Tempered Low-E Insulated Glass, Add</i>	220.01		
08 52 16 00-0421	EA	48" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,360.47		81.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	239.86		
08 52 16 00-0422	EA	56-1/2" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,485.98		85.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	263.13		
08 52 16 00-0423	EA	62-3/4" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,579.47		88.59
		<i>For Tempered Low-E Insulated Glass, Add</i>	280.46		
08 52 16 00-0424	EA	71-5/8" x 59-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,710.17		93.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	304.54		
08 52 16 00-0425		64-13/16" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)			
08 52 16 00-0426	EA	33-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,220.71		74.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	214.19		
08 52 16 00-0427	EA	40-3/4" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,324.53		78.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	233.36		
08 52 16 00-0428	EA	48" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,434.63		83.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	253.55		
08 52 16 00-0429	EA	56-1/2" x 64-13/16", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,560.14		88.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	276.82		
08 52 16 00-0430		71-7/8" Height, Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0381)			
08 52 16 00-0431	EA	33-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,326.24		78.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	233.70		
08 52 16 00-0432	EA	40-3/4" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,430.07		83.44
		<i>For Tempered Low-E Insulated Glass, Add</i>	252.87		
08 52 16 00-0433	EA	48" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series).....	1,538.46		88.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	272.71		
08 52 16 00-0434	EA	56-1/2" x 71-7/8", Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,663.96		92.02
		<i>For Tempered Low-E Insulated Glass, Add</i>	295.99		
08 52 16 00-0435		One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0319)			
08 52 16 00-0436		24-1/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0435)			
08 52 16 00-0437	EA	71-7/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series)	1,180.03		73.73
		<i>For Tempered Low-E Insulated Glass, Add</i>	206.52		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0438 EA 84-5/8" x 24-1/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,370.49 241.64	81.16
08 52 16 00-0439 28-3/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0440 EA 71-7/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,249.84 219.56	76.01
08 52 16 00-0441 EA 84-5/8" x 28-3/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,430.14 252.65	83.44
08 52 16 00-0442 35-15/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0443 EA 61" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,202.80 210.84	74.30
08 52 16 00-0444 EA 71-7/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,357.62 239.52	80.02
08 52 16 00-0445 EA 84-5/8" x 35-15/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,548.73 274.77	88.01
08 52 16 00-0446 40-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0447 EA 61" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,271.77 223.49	77.73
08 52 16 00-0448 EA 71-7/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,431.78 253.21	82.87
08 52 16 00-0449 EA 84-5/8" x 40-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,621.17 288.11	90.30
08 52 16 00-0450 48" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0451 EA 71-7/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,538.46 272.71	87.45
08 52 16 00-0452 EA 84-5/8" x 48", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,727.86 307.62	94.88
08 52 16 00-0453 52-13/16" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0454 EA 71-7/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,609.77 286.06	89.73
08 52 16 00-0455 EA 84-5/8" x 52-13/16", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,799.16 320.97	97.16
08 52 16 00-0456 59-7/8" Height, One Stationary Sash And Two Operating Sashes, Casement Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0435)</small>		
08 52 16 00-0457 EA 71-7/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,713.59 305.23	93.73
08 52 16 00-0458 EA 84-5/8" x 59-7/8", One Stationary Sash And Two Operating Sashes, Casement Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,904.70 340.48	101.73
08 52 16 00-0459 Awning Wood Clad Windows <small>(08 52 16)</small> Note: Awning windows are hinged at the top of the frame and swing outward with a crank or push out operation.		
08 52 16 00-0460 Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0459)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0461 Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0460)</small>		
08 52 16 00-0462 17" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0463 EA 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	379.68 57.19	46.87

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0464	EA		28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	406.15	49.15
			<i>For Tempered Clear Insulated Glass, Add</i>	61.57	
08 52 16 00-0465	EA		31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	427.78	50.86
			<i>For Tempered Clear Insulated Glass, Add</i>	65.21	
08 52 16 00-0466	EA		35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	455.23	53.15
			<i>For Tempered Clear Insulated Glass, Add</i>	69.78	
08 52 16 00-0467	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	486.95	56.01
			<i>For Tempered Clear Insulated Glass, Add</i>	74.99	
08 52 16 00-0468	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	535.80	60.58
			<i>For Tempered Clear Insulated Glass, Add</i>	82.93	
08 52 16 00-0469	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	566.38	62.87
			<i>For Tempered Clear Insulated Glass, Add</i>	88.13	
08 52 16 00-0470	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	611.34	67.44
			<i>For Tempered Clear Insulated Glass, Add</i>	95.52	
08 52 16 00-0471	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	628.77	69.73
			<i>For Tempered Clear Insulated Glass, Add</i>	97.86	
08 52 16 00-0472	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 200 Series)	673.25	73.73
			<i>For Tempered Clear Insulated Glass, Add</i>	105.16	
08 52 16 00-0473			20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0474	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	400.21	49.15
			<i>For Tempered Clear Insulated Glass, Add</i>	60.61	
08 52 16 00-0475	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	428.75	51.44
			<i>For Tempered Clear Insulated Glass, Add</i>	65.40	
08 52 16 00-0476	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	447.46	52.58
			<i>For Tempered Clear Insulated Glass, Add</i>	68.46	
08 52 16 00-0477	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	477.82	54.87
			<i>For Tempered Clear Insulated Glass, Add</i>	73.62	
08 52 16 00-0478	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	509.54	58.29
			<i>For Tempered Clear Insulated Glass, Add</i>	78.82	
08 52 16 00-0479	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	557.02	62.30
			<i>For Tempered Clear Insulated Glass, Add</i>	86.48	
08 52 16 00-0480	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	587.60	65.16
			<i>For Tempered Clear Insulated Glass, Add</i>	91.69	
08 52 16 00-0481	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	633.92	68.58
			<i>For Tempered Clear Insulated Glass, Add</i>	99.35	
08 52 16 00-0482	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	649.76	72.01
			<i>For Tempered Clear Insulated Glass, Add</i>	101.38	
08 52 16 00-0483	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	695.61	75.44
			<i>For Tempered Clear Insulated Glass, Add</i>	108.95	
08 52 16 00-0484	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,058.12	83.44
			<i>For Tempered Clear Insulated Glass, Add</i>	178.48	
08 52 16 00-0485			24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0486	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	426.01	51.44
			<i>For Tempered Clear Insulated Glass, Add</i>	64.86	
08 52 16 00-0487	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	452.49	53.72
			<i>For Tempered Clear Insulated Glass, Add</i>	69.24	
08 52 16 00-0488	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	470.61	54.87
			<i>For Tempered Clear Insulated Glass, Add</i>	72.17	
08 52 16 00-0489	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	501.56	57.15
			<i>For Tempered Clear Insulated Glass, Add</i>	77.45	
08 52 16 00-0490	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	533.28	60.58
			<i>For Tempered Clear Insulated Glass, Add</i>	82.65	
08 52 16 00-0491	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	582.13	64.58
			<i>For Tempered Clear Insulated Glass, Add</i>	90.59	
08 52 16 00-0492	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	612.71	67.44
			<i>For Tempered Clear Insulated Glass, Add</i>	95.79	
08 52 16 00-0493	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	659.04	70.87
			<i>For Tempered Clear Insulated Glass, Add</i>	103.46	
08 52 16 00-0494	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	673.25	74.30
			<i>For Tempered Clear Insulated Glass, Add</i>	105.16	
08 52 16 00-0495	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	717.70	77.73
			<i>For Tempered Clear Insulated Glass, Add</i>	112.45	
08 52 16 00-0496	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,112.62	85.73
			<i>For Tempered Clear Insulated Glass, Add</i>	188.46	
08 52 16 00-0497			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0498	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	426.48	53.72
			<i>For Tempered Clear Insulated Glass, Add</i>	64.03	
08 52 16 00-0499	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	466.64	56.01
			<i>For Tempered Clear Insulated Glass, Add</i>	71.15	
08 52 16 00-0500	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	492.60	57.15
			<i>For Tempered Clear Insulated Glass, Add</i>	75.66	
08 52 16 00-0501	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	540.35	59.44
			<i>For Tempered Clear Insulated Glass, Add</i>	84.29	
08 52 16 00-0502	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	588.51	62.87
			<i>For Tempered Clear Insulated Glass, Add</i>	92.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0503 EA 48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	659.25 105.10	66.87
08 52 16 00-0504 EA 52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	704.89 113.32	69.73
08 52 16 00-0505 EA 59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	774.49 125.64	73.15
08 52 16 00-0506 EA 64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	800.82 129.76	76.59
08 52 16 00-0507 EA 71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	868.30 141.65	80.02
08 52 16 00-0508 EA 84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,142.84 193.59	88.01
08 52 16 00-0509 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0510 EA 28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	492.60 75.66	57.15
08 52 16 00-0511 EA 31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	520.40 80.53	58.87
08 52 16 00-0512 EA 35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	558.64 87.27	61.15
08 52 16 00-0513 EA 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	601.51 94.70	64.01
08 52 16 00-0514 EA 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	664.05 105.38	68.58
08 52 16 00-0515 EA 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	706.95 113.04	70.87
08 52 16 00-0516 EA 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	768.35 123.72	75.44
08 52 16 00-0517 EA 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	811.22 131.15	77.73
08 52 16 00-0518 EA 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	873.79 142.07	81.73
08 52 16 00-0519 EA 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,216.86 207.71	89.16
08 52 16 00-0520 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0521 EA 31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	558.64 87.27	61.15
08 52 16 00-0522 EA 35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	612.69 97.16	63.44
08 52 16 00-0523 EA 40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	660.84 105.65	66.30
08 52 16 00-0524 EA 48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	731.59 117.97	70.87
08 52 16 00-0525 EA 52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	778.59 126.46	73.15
08 52 16 00-0526 EA 59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	846.84 138.50	77.73
08 52 16 00-0527 EA 64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	745.30 117.05	80.02
08 52 16 00-0528 EA 71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	799.26 126.25	84.02
08 52 16 00-0529 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0530 EA 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	652.62 104.01	66.30
08 52 16 00-0531 EA 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	732.26 118.79	69.73
08 52 16 00-0532 48" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0533 EA 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	772.66 126.18	70.87
08 52 16 00-0534 EA 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	853.66 141.24	74.30
08 52 16 00-0535 EA 48" x 48", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	972.32 163.14	78.30
08 52 16 00-0536 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0461)</small>		
08 52 16 00-0537 EA 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	951.95 159.53	77.16
08 52 16 00-0538 EA 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,023.04 172.60	80.02

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0539			71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0461)		
08 52 16 00-0540	EA		24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,038.08	77.73
			<i>For Tempered Clear Insulated Glass, Add</i>	176.52	
08 52 16 00-0541	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,075.61	84.02
			<i>For Tempered Clear Insulated Glass, Add</i>	181.52	
08 52 16 00-0542	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,187.69	86.87
			<i>For Tempered Clear Insulated Glass, Add</i>	202.79	
08 52 16 00-0543	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 200 Series)	1,302.93	91.45
			<i>For Tempered Clear Insulated Glass, Add</i>	224.01	
08 52 16 00-0544			Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0460)		
08 52 16 00-0545			17" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0544)		
08 52 16 00-0546	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	337.24	46.87
			<i>For Tempered Clear Insulated Glass, Add</i>	48.70	
08 52 16 00-0547	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	362.35	49.15
			<i>For Tempered Clear Insulated Glass, Add</i>	52.81	
08 52 16 00-0548	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	379.01	50.86
			<i>For Tempered Clear Insulated Glass, Add</i>	55.46	
08 52 16 00-0549	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	405.95	53.15
			<i>For Tempered Clear Insulated Glass, Add</i>	59.93	
08 52 16 00-0550	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	434.93	56.01
			<i>For Tempered Clear Insulated Glass, Add</i>	64.58	
08 52 16 00-0551	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	479.67	60.58
			<i>For Tempered Clear Insulated Glass, Add</i>	71.70	
08 52 16 00-0552	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	506.14	62.87
			<i>For Tempered Clear Insulated Glass, Add</i>	76.08	
08 52 16 00-0553	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	548.37	67.44
			<i>For Tempered Clear Insulated Glass, Add</i>	82.93	
08 52 16 00-0554	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	577.36	69.73
			<i>For Tempered Clear Insulated Glass, Add</i>	87.58	
08 52 16 00-0555	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 200 Series)	619.57	73.73
			<i>For Tempered Clear Insulated Glass, Add</i>	94.42	
08 52 16 00-0556			20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0544)		
08 52 16 00-0557	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	357.10	49.15
			<i>For Tempered Clear Insulated Glass, Add</i>	51.99	
08 52 16 00-0558	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	382.20	51.44
			<i>For Tempered Clear Insulated Glass, Add</i>	56.09	
08 52 16 00-0559	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	397.54	52.58
			<i>For Tempered Clear Insulated Glass, Add</i>	58.48	
08 52 16 00-0560	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	427.17	54.87
			<i>For Tempered Clear Insulated Glass, Add</i>	63.49	
08 52 16 00-0561	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	456.15	58.29
			<i>For Tempered Clear Insulated Glass, Add</i>	68.14	
08 52 16 00-0562	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	499.53	62.30
			<i>For Tempered Clear Insulated Glass, Add</i>	74.99	
08 52 16 00-0563	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	527.37	65.16
			<i>For Tempered Clear Insulated Glass, Add</i>	79.64	
08 52 16 00-0564	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	568.21	68.58
			<i>For Tempered Clear Insulated Glass, Add</i>	86.21	
08 52 16 00-0565	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	598.57	72.01
			<i>For Tempered Clear Insulated Glass, Add</i>	91.14	
08 52 16 00-0566	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	639.43	75.44
			<i>For Tempered Clear Insulated Glass, Add</i>	97.71	
08 52 16 00-0567			24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0544)		
08 52 16 00-0568	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	379.46	51.44
			<i>For Tempered Clear Insulated Glass, Add</i>	55.55	
08 52 16 00-0569	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	404.58	53.72
			<i>For Tempered Clear Insulated Glass, Add</i>	59.65	
08 52 16 00-0570	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	418.37	54.87
			<i>For Tempered Clear Insulated Glass, Add</i>	61.73	
08 52 16 00-0571	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	448.17	57.15
			<i>For Tempered Clear Insulated Glass, Add</i>	66.77	
08 52 16 00-0572	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	477.15	60.58
			<i>For Tempered Clear Insulated Glass, Add</i>	71.43	
08 52 16 00-0573	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	520.52	64.58
			<i>For Tempered Clear Insulated Glass, Add</i>	78.27	
08 52 16 00-0574	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	548.37	67.44
			<i>For Tempered Clear Insulated Glass, Add</i>	82.93	
08 52 16 00-0575	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	590.59	70.87
			<i>For Tempered Clear Insulated Glass, Add</i>	89.77	
08 52 16 00-0576	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	619.57	74.30
			<i>For Tempered Clear Insulated Glass, Add</i>	94.42	
08 52 16 00-0577	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	661.80	77.73
			<i>For Tempered Clear Insulated Glass, Add</i>	101.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0578 28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0579 EA 24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	382.68	53.72
For Tempered Clear Insulated Glass, Add	55.27	
08 52 16 00-0580 EA 28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	415.99	56.01
For Tempered Clear Insulated Glass, Add	61.02	
08 52 16 00-0581 EA 31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	434.55	57.15
For Tempered Clear Insulated Glass, Add	64.05	
08 52 16 00-0582 EA 35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	452.74	59.44
For Tempered Clear Insulated Glass, Add	66.77	
08 52 16 00-0583 EA 40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	514.59	62.87
For Tempered Clear Insulated Glass, Add	78.00	
08 52 16 00-0584 EA 48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	571.64	66.87
For Tempered Clear Insulated Glass, Add	87.58	
08 52 16 00-0585 EA 52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	609.06	69.73
For Tempered Clear Insulated Glass, Add	94.15	
08 52 16 00-0586 EA 59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	664.97	73.15
For Tempered Clear Insulated Glass, Add	103.73	
08 52 16 00-0587 EA 64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	704.91	76.59
For Tempered Clear Insulated Glass, Add	110.58	
08 52 16 00-0588 EA 71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 200 Series)	760.83	80.02
For Tempered Clear Insulated Glass, Add	120.16	
08 52 16 00-0589 31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0590 EA 28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	434.55	57.15
For Tempered Clear Insulated Glass, Add	64.05	
08 52 16 00-0591 EA 31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	457.71	58.87
For Tempered Clear Insulated Glass, Add	68.00	
08 52 16 00-0592 EA 35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	488.98	61.15
For Tempered Clear Insulated Glass, Add	73.34	
08 52 16 00-0593 EA 40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	524.88	64.01
For Tempered Clear Insulated Glass, Add	79.37	
08 52 16 00-0594 EA 48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	576.98	68.58
For Tempered Clear Insulated Glass, Add	87.96	
08 52 16 00-0595 EA 52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	611.75	70.87
For Tempered Clear Insulated Glass, Add	94.00	
08 52 16 00-0596 EA 59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	662.70	75.44
For Tempered Clear Insulated Glass, Add	102.59	
08 52 16 00-0597 EA 64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	697.45	77.73
For Tempered Clear Insulated Glass, Add	108.40	
08 52 16 00-0598 EA 71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series)	748.40	81.73
For Tempered Clear Insulated Glass, Add	116.99	
08 52 16 00-0599 35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0544)</small>		
08 52 16 00-0600 EA 31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	488.98	61.15
For Tempered Clear Insulated Glass, Add	73.34	
08 52 16 00-0601 EA 35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	534.66	63.44
For Tempered Clear Insulated Glass, Add	81.56	
08 52 16 00-0602 EA 40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	573.23	66.30
For Tempered Clear Insulated Glass, Add	88.13	
08 52 16 00-0603 EA 48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	631.66	70.87
For Tempered Clear Insulated Glass, Add	97.98	
08 52 16 00-0604 EA 52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	669.08	73.15
For Tempered Clear Insulated Glass, Add	104.55	
08 52 16 00-0605 EA 59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	725.00	77.73
For Tempered Clear Insulated Glass, Add	114.14	
08 52 16 00-0606 EA 64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	763.57	80.02
For Tempered Clear Insulated Glass, Add	120.71	
08 52 16 00-0607 EA 71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 200 Series)	819.48	84.02
For Tempered Clear Insulated Glass, Add	130.29	
08 52 16 00-0608 Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0459)</small>		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0609 Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0608)</small>		
08 52 16 00-0610 17" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0611 EA 24-1/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	447.44	46.87
For Tempered Low-E Insulated Glass, Add	70.74	
08 52 16 00-0612 EA 28-3/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	479.39	49.15
For Tempered Low-E Insulated Glass, Add	76.22	
08 52 16 00-0613 EA 31-1/2" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	505.56	50.86
For Tempered Low-E Insulated Glass, Add	80.77	
08 52 16 00-0614 EA 35-15/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series)	538.73	53.15
For Tempered Low-E Insulated Glass, Add	86.48	

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0615	EA		40-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	576.95 92.99	56.01
08 52 16 00-0616	EA		48" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	635.73 102.91	60.58
08 52 16 00-0617	EA		52-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	672.81 109.41	62.87
08 52 16 00-0618	EA		59-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	727.01 118.65	67.44
08 52 16 00-0619	EA		64-13/16" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	747.37 121.58	69.73
08 52 16 00-0620	EA		71-7/8" x 17", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	800.98 130.71	73.73
08 52 16 00-0621			20-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0622	EA		24-1/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	472.25 75.02	49.15
08 52 16 00-0623	EA		28-3/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	506.77 81.01	51.44
08 52 16 00-0624	EA		31-1/2" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	529.31 84.83	52.58
08 52 16 00-0625	EA		35-15/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	566.12 91.28	54.87
08 52 16 00-0626	EA		40-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	604.34 97.78	58.29
08 52 16 00-0627	EA		48" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	661.40 107.36	62.30
08 52 16 00-0628	EA		52-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	698.48 113.86	65.16
08 52 16 00-0629	EA		59-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	754.39 123.45	68.58
08 52 16 00-0630	EA		64-13/16" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	772.76 125.98	72.01
08 52 16 00-0631	EA		71-7/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	828.06 135.44	75.44
08 52 16 00-0632	EA		84-5/8" x 20-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,277.49 222.35	83.44
08 52 16 00-0633			24-1/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0634	EA		24-1/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	503.35 80.32	51.44
08 52 16 00-0635	EA		28-3/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	535.31 85.80	53.72
08 52 16 00-0636	EA		31-1/2" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	557.11 89.47	54.87
08 52 16 00-0637	EA		35-15/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	594.64 96.07	57.15
08 52 16 00-0638	EA		40-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	632.87 102.57	60.58
08 52 16 00-0639	EA		48" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	691.64 112.49	64.58
08 52 16 00-0640	EA		52-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	728.72 119.00	67.44
08 52 16 00-0641	EA		59-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	784.63 128.58	70.87
08 52 16 00-0642	EA		64-13/16" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	800.98 130.71	74.30
08 52 16 00-0643	EA		71-7/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	854.54 139.82	77.73
08 52 16 00-0644	EA		84-5/8" x 24-1/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,344.47 234.83	85.73
08 52 16 00-0645			28-3/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0609)		
08 52 16 00-0646	EA		24-1/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	502.80 79.30	53.72
08 52 16 00-0647	EA		28-3/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	551.86 88.20	56.01
08 52 16 00-0648	EA		31-1/2" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	583.45 93.83	57.15
08 52 16 00-0649	EA		35-15/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	641.99 104.62	59.44
08 52 16 00-0650	EA		40-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	700.76 115.23	62.87
08 52 16 00-0651	EA		48" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	786.90 130.63	66.87
08 52 16 00-0652	EA		52-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	842.80 140.90	69.73
08 52 16 00-0653	EA		59-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	927.81 156.30	73.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0654 EA 64-13/16" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	959.29 161.45	76.59
08 52 16 00-0655 EA 71-7/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,190.66 206.13	80.02
08 52 16 00-0656 EA 84-5/8" x 28-3/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,381.10 241.24	88.01
08 52 16 00-0657 31-1/2" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0658 EA 28-3/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	583.45 93.83	57.15
08 52 16 00-0659 EA 31-1/2" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	617.34 99.92	58.87
08 52 16 00-0660 EA 35-15/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	664.00 108.34	61.15
08 52 16 00-0661 EA 40-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	716.16 117.63	64.01
08 52 16 00-0662 EA 48" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	792.05 130.98	68.58
08 52 16 00-0663 EA 52-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	844.52 140.56	70.87
08 52 16 00-0664 EA 59-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	919.28 153.91	75.44
08 52 16 00-0665 EA 64-13/16" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	971.44 163.20	77.73
08 52 16 00-0666 EA 71-7/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,047.65 176.84	81.73
08 52 16 00-0667 EA 84-5/8" x 31-1/2", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,472.77 258.89	89.16
08 52 16 00-0668 35-15/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0669 EA 31-1/2" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	664.00 108.34	61.15
08 52 16 00-0670 EA 35-15/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	730.42 120.71	63.44
08 52 16 00-0671 EA 40-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	789.17 131.32	66.30
08 52 16 00-0672 EA 48" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	875.32 146.72	70.87
08 52 16 00-0673 EA 52-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	932.94 157.33	73.15
08 52 16 00-0674 EA 59-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,016.24 172.38	77.73
08 52 16 00-0675 EA 64-13/16" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	887.90 145.57	80.02
08 52 16 00-0676 EA 71-7/8" x 35-15/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	953.34 157.06	84.02
08 52 16 00-0677 40-3/4" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0678 EA 35-15/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	773.20 129.26	66.30
08 52 16 00-0679 EA 40-13/16" x 40-3/4", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	880.46 147.74	70.87
08 52 16 00-0680 48" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0681 EA 35-15/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	926.66 156.98	70.87
08 52 16 00-0682 EA 40-13/16" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,026.48 175.81	74.30
08 52 16 00-0683 EA 48" x 48", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,172.52 203.18	78.30
08 52 16 00-0684 59-13/16" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0685 EA 35-15/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,147.63 198.66	77.16
08 52 16 00-0686 EA 40-13/16" x 59-13/16", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,235.06 215.01	80.02
08 52 16 00-0687 71-7/8" Height, Venting, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0609)</small>		
08 52 16 00-0688 EA 24-1/8" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,255.01 219.91	77.73

08 Openings**08 50 Windows**

08 52 Wood Windows

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0689	EA		35-15/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,298.77 226.15	84.02
08 52 16 00-0690	EA		40-13/16" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,437.44 252.74	86.87
08 52 16 00-0691	EA		48" x 71-7/8", Venting, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,579.21 279.26	91.45
08 52 16 00-0692			Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0608)</small>		
08 52 16 00-0693			17" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0694	EA		24-1/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	394.39 60.13	46.87
08 52 16 00-0695	EA		28-3/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	424.63 65.27	49.15
08 52 16 00-0696	EA		31-1/2" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	444.61 68.58	50.86
08 52 16 00-0697	EA		35-15/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	477.13 74.16	53.15
08 52 16 00-0698	EA		40-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	511.93 79.98	56.01
08 52 16 00-0699	EA		48" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	565.57 88.88	60.58
08 52 16 00-0700	EA		52-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	597.52 94.36	62.87
08 52 16 00-0701	EA		59-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	648.30 102.91	67.44
08 52 16 00-0702	EA		64-13/16" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	683.11 108.73	69.73
08 52 16 00-0703	EA		71-7/8" x 17", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	733.88 117.29	73.73
08 52 16 00-0704			20-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0705	EA		24-1/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	418.36 64.24	49.15
08 52 16 00-0706	EA		28-3/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	448.59 69.37	51.44
08 52 16 00-0707	EA		31-1/2" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	466.91 72.35	52.58
08 52 16 00-0708	EA		35-15/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	502.81 78.61	54.87
08 52 16 00-0709	EA		40-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	537.61 84.43	58.29
08 52 16 00-0710	EA		48" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	589.53 92.99	62.30
08 52 16 00-0711	EA		52-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	623.19 98.80	65.16
08 52 16 00-0712	EA		59-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	672.25 107.02	68.58
08 52 16 00-0713	EA		64-13/16" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	708.77 113.18	72.01
08 52 16 00-0714	EA		71-7/8" x 20-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	757.84 121.39	75.44
08 52 16 00-0715			24-1/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0716	EA		24-1/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	445.17 68.69	51.44
08 52 16 00-0717	EA		28-3/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	475.42 73.82	53.72
08 52 16 00-0718	EA		31-1/2" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	491.80 76.41	54.87
08 52 16 00-0719	EA		35-15/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	527.91 82.72	57.15
08 52 16 00-0720	EA		40-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	562.71 88.54	60.58
08 52 16 00-0721	EA		48" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	614.64 97.09	64.58
08 52 16 00-0722	EA		52-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	648.30 102.91	67.44
08 52 16 00-0723	EA		59-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	699.08 111.47	70.87
08 52 16 00-0724	EA		64-13/16" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	733.88 117.29	74.30
08 52 16 00-0725	EA		71-7/8" x 24-1/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	784.66 125.84	77.73
08 52 16 00-0726			28-3/8" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0727	EA		24-1/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	448.04 68.35	53.72
08 52 16 00-0728	EA		28-3/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	488.55 75.53	56.01
08 52 16 00-0729	EA		31-1/2" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	510.88 79.31	57.15
08 52 16 00-0730	EA		35-15/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	532.48 82.72	59.44
08 52 16 00-0731	EA		40-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	608.36 96.75	62.87
08 52 16 00-0732	EA		48" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	677.39 108.73	66.87
08 52 16 00-0733	EA		52-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	723.02 116.94	69.73
08 52 16 00-0734	EA		59-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	790.91 128.92	73.15
08 52 16 00-0735	EA		64-13/16" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	839.40 137.48	76.59
08 52 16 00-0736	EA		71-7/8" x 28-3/8", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	907.30 149.45	80.02
08 52 16 00-0737			31-1/2" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0738	EA		28-3/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 200 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	510.88 79.31	57.15
08 52 16 00-0739	EA		31-1/2" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	538.98 84.25	58.87
08 52 16 00-0740	EA		35-15/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	576.92 90.92	61.15
08 52 16 00-0741	EA		40-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	620.38 98.47	64.01
08 52 16 00-0742	EA		48" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	683.21 109.21	68.58
08 52 16 00-0743	EA		52-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	725.52 116.76	70.87
08 52 16 00-0744	EA		59-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	787.22 127.50	75.44
08 52 16 00-0745	EA		64-13/16" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	829.22 134.75	77.73
08 52 16 00-0746	EA		71-7/8" x 31-1/2", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	890.91 145.49	81.73
08 52 16 00-0747			35-15/16" Height, Stationary, Awning Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0692)</small>		
08 52 16 00-0748	EA		31-1/2" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	576.92 90.92	61.15
08 52 16 00-0749	EA		35-15/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	632.88 101.20	63.44
08 52 16 00-0750	EA		40-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	679.66 109.41	66.30
08 52 16 00-0751	EA		48" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	750.41 121.73	70.87
08 52 16 00-0752	EA		52-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	796.05 129.95	73.15
08 52 16 00-0753	EA		59-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	863.95 141.93	77.73
08 52 16 00-0754	EA		64-13/16" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	910.73 150.14	80.02
08 52 16 00-0755	EA		71-7/8" x 35-15/16", Stationary, Awning Wood Clad Window (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	978.62 162.12	84.02
08 52 16 00-0756			Horizontal Sliding Wood Clad Windows <small>(08 52 16)</small>		
			Note: Sliding windows open horizontally with one or more operating sashes combined with stationary sashes		
08 52 16 00-0757			One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0756)</small>		
			Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0758			17-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0759	EA		47-1/2" x 17-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	471.43 70.28	60.58
08 52 16 00-0760			23-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) <small>(08 52 16 00-0757)</small>		
08 52 16 00-0761	EA		35-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	434.16 64.20	56.01
08 52 16 00-0762	EA		47-1/2" x 23-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	507.01 76.03	64.01

08 Openings**08 50 Windows****08 52 Wood Windows**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 52 16 00-0763	35-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)			
08 52 16 00-0764	EA	35-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	507.01	64.01
		<i>For Tempered Clear Insulated Glass, Add</i>	76.03	
08 52 16 00-0765	EA	47-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	579.87	70.87
		<i>For Tempered Clear Insulated Glass, Add</i>	87.85	
08 52 16 00-0766	EA	59-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	652.72	77.16
		<i>For Tempered Clear Insulated Glass, Add</i>	99.68	
08 52 16 00-0767	EA	71-1/2" x 35-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	725.56	84.02
		<i>For Tempered Clear Insulated Glass, Add</i>	111.51	
08 52 16 00-0768	41-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)			
08 52 16 00-0769	EA	35-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	544.29	67.44
		<i>For Tempered Clear Insulated Glass, Add</i>	82.11	
08 52 16 00-0770	EA	47-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	615.44	74.30
		<i>For Tempered Clear Insulated Glass, Add</i>	93.60	
08 52 16 00-0771	EA	59-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	688.29	80.58
		<i>For Tempered Clear Insulated Glass, Add</i>	105.42	
08 52 16 00-0772	EA	71-1/2" x 41-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	820.27	87.45
		<i>For Tempered Clear Insulated Glass, Add</i>	129.08	
08 52 16 00-0773	47-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)			
08 52 16 00-0774	EA	35-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	579.87	70.87
		<i>For Tempered Clear Insulated Glass, Add</i>	87.85	
08 52 16 00-0775	EA	47-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	652.72	77.73
		<i>For Tempered Clear Insulated Glass, Add</i>	99.68	
08 52 16 00-0776	EA	59-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	725.56	84.02
		<i>For Tempered Clear Insulated Glass, Add</i>	111.51	
08 52 16 00-0777	EA	71-1/2" x 47-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	798.40	90.87
		<i>For Tempered Clear Insulated Glass, Add</i>	123.33	
08 52 16 00-0778	53-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)			
08 52 16 00-0779	EA	47-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	688.29	81.16
		<i>For Tempered Clear Insulated Glass, Add</i>	105.42	
08 52 16 00-0780	EA	59-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	761.14	87.45
		<i>For Tempered Clear Insulated Glass, Add</i>	117.25	
08 52 16 00-0781	EA	71-1/2" x 53-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	833.99	94.30
		<i>For Tempered Clear Insulated Glass, Add</i>	129.08	
08 52 16 00-0782	59-1/2" Height, One Operating Sash, Horizontal Sliding Wood Clad Windows (Andersen 200 Series) (08 52 16 00-0757)			
08 52 16 00-0783	EA	47-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	725.56	84.59
		<i>For Tempered Clear Insulated Glass, Add</i>	111.51	
08 52 16 00-0784	EA	59-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	798.40	90.87
		<i>For Tempered Clear Insulated Glass, Add</i>	123.33	
08 52 16 00-0785	EA	71-1/2" x 59-1/2", One Operating Sash, Horizontal Sliding Wood Clad Window (Andersen 200 Series).....	871.39	97.73
		<i>For Tempered Clear Insulated Glass, Add</i>	135.19	
08 52 16 00-0786	Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0756)			
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0787	22-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)			
08 52 16 00-0788	EA	35-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,027.00	56.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	182.77	
08 52 16 00-0789	EA	47-1/4" x 22-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,221.49	64.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	218.92	
08 52 16 00-0790	35-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) (08 52 16 00-0786)			
08 52 16 00-0791	EA	35-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,236.70	64.01
		<i>For Tempered Low-E Insulated Glass, Add</i>	221.96	
08 52 16 00-0792	EA	47-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,432.88	70.87
		<i>For Tempered Low-E Insulated Glass, Add</i>	258.46	
08 52 16 00-0793	EA	59-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,627.38	77.16
		<i>For Tempered Low-E Insulated Glass, Add</i>	294.61	
08 52 16 00-0794	EA	71-1/4" x 35-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series).....	1,821.87	84.02
		<i>For Tempered Low-E Insulated Glass, Add</i>	330.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-0795	41-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0796	EA 35-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,334.79 240.21	67.44
08 52 16 00-0797	EA 47-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,529.28 276.37	74.30
08 52 16 00-0798	EA 59-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,725.46 312.86	80.58
08 52 16 00-0799	EA 71-1/4" x 41-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,919.96 349.01	87.45
08 52 16 00-0800	47-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0801	EA 35-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,432.88 258.46	70.87
08 52 16 00-0802	EA 47-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,627.38 294.61	77.73
08 52 16 00-0803	EA 59-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,821.87 330.77	84.02
08 52 16 00-0804	EA 71-1/4" x 47-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,018.04 367.26	90.87
08 52 16 00-0805	59-1/4" Height, Two Operating Sashes, Horizontal Sliding Wood Clad Windows (Andersen 400 Series) <small>(08 52 16 00-0786)</small>		
08 52 16 00-0806	EA 35-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,627.38 294.61	77.73
08 52 16 00-0807	EA 47-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,821.87 330.77	84.59
08 52 16 00-0808	EA 59-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,018.04 367.26	90.87
08 52 16 00-0809	EA 71-1/4" x 59-1/4", Two Operating Sashes, Horizontal Sliding Wood Clad Window (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	2,212.54 403.42	97.73
08 52 16 00-0810	Picture Wood Clad Windows <small>(08 52 16)</small>		
	Note: Picture windows are fixed windows.		
08 52 16 00-0811	Picture Wood Clad Windows For Awning And Casement Windows <small>(08 52 16 00-0810)</small>		
08 52 16 00-0812	Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0811)</small>		
	Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0813	12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0814	EA 40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	370.23 55.76	45.72
08 52 16 00-0815	EA 48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	432.18 66.32	50.30
08 52 16 00-0816	EA 52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	458.86 70.74	52.58
08 52 16 00-0817	EA 59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	497.56 76.88	57.15
08 52 16 00-0818	EA 64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	524.16 81.06	59.44
08 52 16 00-0819	EA 71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	562.87 87.20	64.01
08 52 16 00-0820	35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) <small>(08 52 16 00-0812)</small>		
08 52 16 00-0821	EA 35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	412.79 60.15	56.01
08 52 16 00-0822	EA 40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	475.33 71.52	59.44
08 52 16 00-0823	EA 48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	567.64 88.15	63.44
08 52 16 00-0824	EA 52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	627.65 99.24	65.72
08 52 16 00-0825	EA 59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	717.43 115.59	69.73
08 52 16 00-0826	EA 64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	779.97 126.96	72.59
08 52 16 00-0827	EA 71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,146.95 198.76	76.59

08 Openings**08 50 Windows**

08 52 Wood Windows

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0828			40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0829	EA		35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	475.33	59.44
			<i>For Tempered Clear Insulated Glass, Add</i>	71.52	
08 52 16 00-0830	EA		40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	537.87	61.73
			<i>For Tempered Clear Insulated Glass, Add</i>	82.88	
08 52 16 00-0831	EA		48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	630.17	66.30
			<i>For Tempered Clear Insulated Glass, Add</i>	99.52	
08 52 16 00-0832	EA		52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	690.19	68.58
			<i>For Tempered Clear Insulated Glass, Add</i>	110.61	
08 52 16 00-0833	EA		59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	779.97	73.15
			<i>For Tempered Clear Insulated Glass, Add</i>	126.96	
08 52 16 00-0834	EA		64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	842.51	75.44
			<i>For Tempered Clear Insulated Glass, Add</i>	138.33	
08 52 16 00-0835	EA		71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	932.29	80.02
			<i>For Tempered Clear Insulated Glass, Add</i>	154.68	
08 52 16 00-0836			48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0837	EA		35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	567.64	64.01
			<i>For Tempered Clear Insulated Glass, Add</i>	88.15	
08 52 16 00-0838	EA		40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	630.17	66.30
			<i>For Tempered Clear Insulated Glass, Add</i>	99.52	
08 52 16 00-0839	EA		48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	722.49	70.87
			<i>For Tempered Clear Insulated Glass, Add</i>	116.15	
08 52 16 00-0840	EA		52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	782.50	73.15
			<i>For Tempered Clear Insulated Glass, Add</i>	127.24	
08 52 16 00-0841	EA		59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	872.28	77.73
			<i>For Tempered Clear Insulated Glass, Add</i>	143.59	
08 52 16 00-0842	EA		64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	934.82	80.02
			<i>For Tempered Clear Insulated Glass, Add</i>	154.96	
08 52 16 00-0843	EA		71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,024.60	84.59
			<i>For Tempered Clear Insulated Glass, Add</i>	171.31	
08 52 16 00-0844			52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0845	EA		35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	627.65	66.30
			<i>For Tempered Clear Insulated Glass, Add</i>	99.24	
08 52 16 00-0846	EA		40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	690.19	68.58
			<i>For Tempered Clear Insulated Glass, Add</i>	110.61	
08 52 16 00-0847	EA		52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	782.50	73.15
			<i>For Tempered Clear Insulated Glass, Add</i>	127.24	
08 52 16 00-0848	EA		52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	842.51	75.44
			<i>For Tempered Clear Insulated Glass, Add</i>	138.33	
08 52 16 00-0849	EA		59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	932.29	80.02
			<i>For Tempered Clear Insulated Glass, Add</i>	154.68	
08 52 16 00-0850	EA		64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	994.83	82.30
			<i>For Tempered Clear Insulated Glass, Add</i>	166.05	
08 52 16 00-0851	EA		71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,166.38	86.87
			<i>For Tempered Clear Insulated Glass, Add</i>	198.76	
08 52 16 00-0852			59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0853	EA		35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	717.43	69.73
			<i>For Tempered Clear Insulated Glass, Add</i>	115.59	
08 52 16 00-0854	EA		40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	779.97	73.15
			<i>For Tempered Clear Insulated Glass, Add</i>	126.96	
08 52 16 00-0855	EA		48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	872.28	77.16
			<i>For Tempered Clear Insulated Glass, Add</i>	143.59	
08 52 16 00-0856	EA		52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	932.29	79.44
			<i>For Tempered Clear Insulated Glass, Add</i>	154.68	
08 52 16 00-0857	EA		59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,022.06	83.44
			<i>For Tempered Clear Insulated Glass, Add</i>	171.04	
08 52 16 00-0858	EA		64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,084.61	86.30
			<i>For Tempered Clear Insulated Glass, Add</i>	182.40	
08 52 16 00-0859	EA		71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	1,174.38	90.30
			<i>For Tempered Clear Insulated Glass, Add</i>	198.76	
08 52 16 00-0860			64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0861	EA		35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	779.97	73.15
			<i>For Tempered Clear Insulated Glass, Add</i>	126.96	
08 52 16 00-0862	EA		40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	842.51	75.44
			<i>For Tempered Clear Insulated Glass, Add</i>	138.33	
08 52 16 00-0863	EA		48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	934.82	80.02
			<i>For Tempered Clear Insulated Glass, Add</i>	154.96	
08 52 16 00-0864	EA		52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series).....	994.83	82.30
			<i>For Tempered Clear Insulated Glass, Add</i>	166.05	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0865	EA		59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,166.38 198.76	86.87
08 52 16 00-0866			71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 200 Series) (08 52 16 00-0812)		
08 52 16 00-0867	EA		35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	869.75 143.32	76.59
08 52 16 00-0868	EA		40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	932.29 154.68	80.02
08 52 16 00-0869	EA		48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,024.60 171.31	84.02
08 52 16 00-0870	EA		52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,084.61 182.40	86.30
08 52 16 00-0871	EA		59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 200 Series)..... <i>For Tempered Clear Insulated Glass, Add</i>	1,174.38 198.76	90.30
08 52 16 00-0872			Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0811) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0873			12" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0874	EA		40-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	435.63 68.84	45.72
08 52 16 00-0875	EA		48" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	509.97 81.88	50.30
08 52 16 00-0876	EA		52-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	541.83 87.33	52.58
08 52 16 00-0877	EA		59-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	587.73 94.91	57.15
08 52 16 00-0878	EA		64-13/16" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	619.23 100.07	59.44
08 52 16 00-0879	EA		71-7/8" x 12", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	665.13 107.65	64.01
08 52 16 00-0880			35-15/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0881	EA		35-15/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	483.34 74.26	56.01
08 52 16 00-0882	EA		40-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	559.21 88.30	59.44
08 52 16 00-0883	EA		48" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	671.02 108.83	63.44
08 52 16 00-0884	EA		52-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	744.04 122.52	65.72
08 52 16 00-0885	EA		59-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	853.01 142.71	69.73
08 52 16 00-0886	EA		64-13/16" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	928.88 156.74	72.59
08 52 16 00-0887	EA		71-7/8" x 35-15/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,380.06 245.38	76.59
08 52 16 00-0888			40-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0889	EA		35-15/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	559.21 88.30	59.44
08 52 16 00-0890	EA		40-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	635.08 102.33	61.73
08 52 16 00-0891	EA		48" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	746.89 122.86	66.30
08 52 16 00-0892	EA		52-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	819.91 136.55	68.58
08 52 16 00-0893	EA		59-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	928.88 156.74	73.15
08 52 16 00-0894	EA		64-13/16" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,004.74 170.77	75.44
08 52 16 00-0895	EA		71-7/8" x 40-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,113.71 190.96	80.02
08 52 16 00-0896			48" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0897	EA		35-15/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	671.02 108.83	64.01
08 52 16 00-0898	EA		40-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	746.89 122.86	66.30
08 52 16 00-0899	EA		48" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	858.71 143.39	70.87

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0900	EA		52-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	931.73 157.08	73.15
08 52 16 00-0901	EA		59-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,040.69 177.27	77.73
08 52 16 00-0902	EA		64-13/16" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,116.56 191.31	80.02
08 52 16 00-0903	EA		71-7/8" x 48", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,225.52 211.50	84.59
08 52 16 00-0904			52-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0905	EA		35-15/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	744.04 122.52	66.30
08 52 16 00-0906	EA		40-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	819.91 136.55	68.58
08 52 16 00-0907	EA		48" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	931.73 157.08	73.15
08 52 16 00-0908	EA		52-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,004.74 170.77	75.44
08 52 16 00-0909	EA		59-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,113.71 190.96	80.02
08 52 16 00-0910	EA		64-13/16" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,189.58 205.00	82.30
08 52 16 00-0911	EA		71-7/8" x 52-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,399.49 245.38	86.87
08 52 16 00-0912			59-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0913	EA		35-15/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	853.01 142.71	69.73
08 52 16 00-0914	EA		40-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	928.88 156.74	73.15
08 52 16 00-0915	EA		48" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,040.69 177.27	77.16
08 52 16 00-0916	EA		52-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,113.71 190.96	79.44
08 52 16 00-0917	EA		59-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,222.66 211.16	83.44
08 52 16 00-0918	EA		64-13/16" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,298.54 225.19	86.30
08 52 16 00-0919	EA		71-7/8" x 59-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,407.49 245.38	90.30
08 52 16 00-0920			64-13/16" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0921	EA		35-15/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	928.88 156.74	73.15
08 52 16 00-0922	EA		40-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,004.74 170.77	75.44
08 52 16 00-0923	EA		48" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,116.56 191.31	80.02
08 52 16 00-0924	EA		52-13/16" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,189.58 205.00	82.30
08 52 16 00-0925	EA		59-7/8" x 64-13/16", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,399.49 245.38	86.87
08 52 16 00-0926			71-7/8" Height, Picture Wood Clad Windows For Awning And Casement Windows (Andersen 400 Series) (08 52 16 00-0872)		
08 52 16 00-0927	EA		35-15/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,037.83 176.93	76.59
08 52 16 00-0928	EA		40-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,113.71 190.96	80.02
08 52 16 00-0929	EA		48" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,225.52 211.50	84.02
08 52 16 00-0930	EA		52-13/16" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,298.54 225.19	86.30
08 52 16 00-0931	EA		59-7/8" x 71-7/8", Picture Wood Clad Window For Awning And Casement Windows (Andersen 400 Series)..... <i>For Tempered Low-E Insulated Glass, Add</i>	1,407.49 245.38	90.30
08 52 16 00-0932			Picture Wood Clad Windows For Double Hung Windows (08 52 16 00-0810)		
08 52 16 00-0933			Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0932) Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0934			35-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0935 EA 56-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	529.51 77.33	71.44
08 52 16 00-0936 EA 59-1/2" x 35-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	543.56 79.45	73.15
08 52 16 00-0937 47-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0938 EA 47-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	543.56 79.45	73.15
08 52 16 00-0939 EA 71-1/2" x 47-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	658.94 97.04	86.87
08 52 16 00-0940 53-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0941 EA 56-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.81 90.67	81.73
08 52 16 00-0942 EA 59-1/2" x 53-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	630.84 92.79	83.44
08 52 16 00-0943 56-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0944 EA 35-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	529.51 77.33	72.01
08 52 16 00-0945 EA 53-1/2" x 56-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.81 90.67	81.73
08 52 16 00-0946 59-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0947 EA 35-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	543.56 79.45	73.15
08 52 16 00-0948 EA 53-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	630.84 92.79	83.44
08 52 16 00-0949 EA 59-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	658.94 97.04	86.87
08 52 16 00-0950 EA 65-1/2" x 59-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	688.53 101.59	90.30
08 52 16 00-0951 65-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0952 EA 59-1/2" x 65-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	688.53 101.59	90.30
08 52 16 00-0953 71-1/2" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 200 Series) (08 52 16 00-0933)		
08 52 16 00-0954 EA 47-1/2" x 71-1/2", Picture Wood Clad Window For Double Hung Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	658.94 97.04	86.87
08 52 16 00-0955 Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0932)		
Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and Low-E insulated glass. Excludes grilles and insect screens.		
08 52 16 00-0956 48-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0957 EA 12" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	582.01 94.91	53.72
08 52 16 00-0958 EA 37-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	810.73 134.94	68.58
08 52 16 00-0959 EA 41-5/8" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	845.64 141.01	70.30
08 52 16 00-0960 EA 47-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	897.97 150.10	73.73
08 52 16 00-0961 EA 51-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	932.87 156.17	76.59
08 52 16 00-0962 EA 59-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,004.18 168.60	80.58
08 52 16 00-0963 EA 67-5/16" x 48-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,075.50 181.04	85.73
08 52 16 00-0964 52-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) (08 52 16 00-0955)		
08 52 16 00-0965 EA 12" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	618.43 101.28	56.01

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-0966	EA		37-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	845.64 141.01	70.87
08 52 16 00-0967	EA		41-5/8" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	882.05 147.38	72.59
08 52 16 00-0968	EA		47-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	932.87 156.17	76.01
08 52 16 00-0969	EA		51-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	969.29 162.54	78.87
08 52 16 00-0970	EA		59-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,040.59 174.97	82.87
08 52 16 00-0971	EA		67-5/16" x 52-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,111.91 187.40	88.01
08 52 16 00-0972			56-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0973	EA		12" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	653.33 107.35	58.29
08 52 16 00-0974	EA		37-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	882.05 147.38	73.15
08 52 16 00-0975	EA		41-5/8" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	916.94 153.44	74.87
08 52 16 00-0976	EA		47-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	969.29 162.54	78.30
08 52 16 00-0977	EA		51-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,004.18 168.60	81.16
08 52 16 00-0978	EA		59-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,075.50 181.04	85.16
08 52 16 00-0979	EA		67-5/16" x 56-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,148.32 193.77	90.30
08 52 16 00-0980			60-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0981	EA		12" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	689.75 113.72	60.58
08 52 16 00-0982	EA		37-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	916.94 153.44	75.44
08 52 16 00-0983	EA		41-5/8" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	953.36 159.81	77.16
08 52 16 00-0984	EA		47-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,004.18 168.60	80.58
08 52 16 00-0985	EA		51-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,040.59 174.97	83.44
08 52 16 00-0986	EA		59-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,111.91 187.40	87.45
08 52 16 00-0987	EA		67-5/16" x 60-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,183.21 199.84	92.59
08 52 16 00-0988			64-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0989	EA		12" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	724.64 119.78	62.87
08 52 16 00-0990	EA		37-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	953.36 159.81	77.73
08 52 16 00-0991	EA		41-5/8" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	989.77 166.18	79.44
08 52 16 00-0992	EA		47-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,040.59 174.97	82.87
08 52 16 00-0993	EA		51-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,075.50 181.04	85.73
08 52 16 00-0994	EA		59-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,148.32 193.77	89.73
08 52 16 00-0995	EA		67-5/16" x 64-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.63 206.20	94.88
08 52 16 00-0996			68-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-0997	EA		12" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	761.05 126.15	65.16
08 52 16 00-0998	EA		37-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	989.77 166.18	80.02
08 52 16 00-0999	EA		41-5/8" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,024.67 172.24	81.73
08 52 16 00-1000	EA		47-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,075.50 181.04	85.16
08 52 16 00-1001	EA		51-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,111.91 187.40	88.01
08 52 16 00-1002	EA		59-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,183.21 199.84	92.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 52 16 00-1003 EA 67-5/16" x 68-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,254.52 212.27	97.16
08 52 16 00-1004 72-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-1005 EA 12" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	795.95 132.21	67.44
08 52 16 00-1006 EA 37-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,024.67 172.24	82.30
08 52 16 00-1007 EA 41-5/8" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,061.08 178.61	84.02
08 52 16 00-1008 EA 47-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,111.91 187.40	87.45
08 52 16 00-1009 EA 51-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,148.32 193.77	90.30
08 52 16 00-1010 EA 59-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,219.63 206.20	94.30
08 52 16 00-1011 EA 67-5/16" x 72-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,290.94 218.64	99.45
08 52 16 00-1012 76-7/8" Height, Picture Wood Clad Windows For Double Hung Windows (Andersen 400 Series) <small>(08 52 16 00-0955)</small>		
08 52 16 00-1013 EA 12" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	832.37 138.58	69.73
08 52 16 00-1014 EA 37-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,061.08 178.61	84.59
08 52 16 00-1015 EA 41-5/8" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,095.97 184.67	86.30
08 52 16 00-1016 EA 47-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,148.32 193.77	89.73
08 52 16 00-1017 EA 51-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,183.21 199.84	92.59
08 52 16 00-1018 EA 59-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,254.52 212.27	96.59
08 52 16 00-1019 EA 67-5/16" x 76-7/8", Picture Wood Clad Window For Double Hung Windows (Andersen 400 Series) <i>For Tempered Low-E Insulated Glass, Add</i>	1,325.83 224.70	101.73
08 52 16 00-1020 Picture Wood Clad Windows For Horizontal Sliding Windows <small>(08 52 16 00-0810)</small>		
08 52 16 00-1021 Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1020)</small> Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware and clear insulated glass. Excludes grilles and insect screens.		
08 52 16 00-1022 35-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1023 EA 56-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	529.51 77.33	71.44
08 52 16 00-1024 EA 59-1/2" x 35-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	543.56 79.45	73.15
08 52 16 00-1025 47-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1026 EA 47-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	543.56 79.45	73.15
08 52 16 00-1027 EA 71-1/2" x 47-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	658.94 97.04	86.87
08 52 16 00-1028 53-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1029 EA 56-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.81 90.67	81.73
08 52 16 00-1030 EA 59-1/2" x 53-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	630.84 92.79	83.44
08 52 16 00-1031 56-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		
08 52 16 00-1032 EA 35-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	529.51 77.33	72.01
08 52 16 00-1033 EA 53-1/2" x 56-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	616.81 90.67	81.73
08 52 16 00-1034 59-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) <small>(08 52 16 00-1021)</small>		

08 Openings**08 50 Windows****08 52 Wood Windows**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 52 16 00-1035	EA	35-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	543.56 79.45	73.15
08 52 16 00-1036	EA	53-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	630.84 92.79	83.44
08 52 16 00-1037	EA	59-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	658.94 97.04	86.87
08 52 16 00-1038	EA	65-1/2" x 59-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	688.53 101.59	90.30
08 52 16 00-1039		65-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1040	EA	59-1/2" x 65-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	688.53 101.59	90.30
08 52 16 00-1041		71-1/2" Height, Picture Wood Clad Windows For Horizontal Sliding Windows (Andersen 200 Series) (08 52 16 00-1021)		
08 52 16 00-1042	EA	47-1/2" x 71-1/2", Picture Wood Clad Window For Horizontal Sliding Windows (Andersen 200 Series) <i>For Tempered Clear Insulated Glass, Add</i>	658.94 97.04	86.87
08 52 16 00-1043		Basement Wood Clad Windows (08 52 16)		
		Note: Basement windows are hinged at the bottom of the frame and swing outward with a crank or push out operation.		
08 52 16 00-1044		Basement Wood Clad Windows (Andersen 400 Series) (08 52 16 00-1043)		
		Note: Includes painted or stained wood interior, colored PVC clad exterior, standard hardware, Low-E insulated glass and insect screens. Excludes grilles.		
08 52 16 00-1045	EA	32-1/4" x 15-3/4", Basement Wood Clad Window (Andersen 400 Series)	282.93	45.72
08 52 16 00-1046	EA	32-1/4" x 19-3/4", Basement Wood Clad Window (Andersen 400 Series)	297.31	45.72
08 52 16 00-1047	EA	32-1/4" x 23-3/4", Basement Wood Clad Window (Andersen 400 Series)	309.96	45.72
08 52 16 00-1048		Factory Installed Grilles For Wood Clad Windows (08 52 16)		
08 52 16 00-1049		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1050	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	37.41	
08 52 16 00-1051	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	55.13	
08 52 16 00-1052	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	74.83	
08 52 16 00-1053	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	94.52	
08 52 16 00-1054	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	133.90	
08 52 16 00-1055		Fixed Exterior And Removable Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1056	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	59.86	
08 52 16 00-1057	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	88.22	
08 52 16 00-1058	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	119.72	
08 52 16 00-1059	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	151.23	
08 52 16 00-1060	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Wood Clad Windows	214.24	
08 52 16 00-1061		Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1062	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	71.83	
08 52 16 00-1063	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	105.86	
08 52 16 00-1064	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	143.67	
08 52 16 00-1065	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	181.47	
08 52 16 00-1066	EA	>36 SF Windows, Fixed Exterior And Interior Grilles, Factory Installed Grilles For Wood Clad Windows	257.09	
08 52 16 00-1067		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows (08 52 16 00-1048)		
08 52 16 00-1068	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	86.21	
08 52 16 00-1069	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	127.03	
08 52 16 00-1070	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	172.39	
08 52 16 00-1071	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows	217.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 52 16 00-1072	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Wood Clad Windows.....	308.50	
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08 52 66 Wood Window Screens (08 52)

08 52 66 00-0001 Insect Screens For Wood Clad Windows (08 52 66)

08 52 66 00-0002	EA	Up To 6 SF, Insect Screen For Wood Clad Windows.....	36.24	8.22
08 52 66 00-0003	EA	>6 To 9 SF, Insect Screen For Wood Clad Windows.....	41.90	8.22
08 52 66 00-0004	EA	>9 To 12 SF, Insect Screen For Wood Clad Windows.....	44.72	8.22
08 52 66 00-0005	EA	>12 To 15 SF, Insect Screen For Wood Clad Windows.....	50.38	8.22
08 52 66 00-0006	EA	>15 To 20 SF, Insect Screen For Wood Clad Windows.....	61.70	8.22
08 52 66 00-0007	EA	>20 To 25 SF, Insect Screen For Wood Clad Windows.....	67.35	8.22
08 52 66 00-0008	EA	>25 To 30 SF, Insect Screen For Wood Clad Windows.....	73.01	8.22
08 52 66 00-0009	EA	>30 To 35 SF, Insect Screen For Wood Clad Windows.....	78.67	8.22
08 52 66 00-0010	SF	>35 SF, Insect Screen For Wood Clad Windows.....	2.35	0.16

08 53 Plastic Windows (08 50)

08 53 13 Vinyl Windows (08 53)

08 53 13 00-0001 Single Hung Vinyl Windows (08 53 13)

08 53 13 00-0002 New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0001)

Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.

08 53 13 00-0003 34" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 53 13 00-0004	EA	24" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	283.57	52.58
		For Colored Vinyl, Add	17.84	
		For Tinted Glass, Add	21.41	
		For Low-E Insulated Glass, Add	44.60	
		For Obscure Glass, Add	49.06	
08 53 13 00-0005	EA	28" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	298.10	54.87
		For Colored Vinyl, Add	18.84	
		For Tinted Glass, Add	22.60	
		For Low-E Insulated Glass, Add	47.09	
		For Obscure Glass, Add	51.80	
08 53 13 00-0006	EA	30" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	304.21	56.01
		For Colored Vinyl, Add	19.22	
		For Tinted Glass, Add	23.06	
		For Low-E Insulated Glass, Add	48.05	
		For Obscure Glass, Add	52.85	
08 53 13 00-0007	EA	32" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	310.85	57.15
		For Colored Vinyl, Add	19.65	
		For Tinted Glass, Add	23.58	
		For Low-E Insulated Glass, Add	49.14	
		For Obscure Glass, Add	54.05	
08 53 13 00-0008	EA	36" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	327.57	59.44
		For Colored Vinyl, Add	20.87	
		For Tinted Glass, Add	25.04	
		For Low-E Insulated Glass, Add	52.17	
		For Obscure Glass, Add	57.39	
08 53 13 00-0009	EA	44" x 34", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	355.09	64.01
		For Colored Vinyl, Add	22.71	
		For Tinted Glass, Add	27.25	
		For Low-E Insulated Glass, Add	56.77	
		For Obscure Glass, Add	62.44	

08 53 13 00-0010 36" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) (08 53 13 00-0002)

08 53 13 00-0011	EA	24" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	289.35	53.72
		For Colored Vinyl, Add	18.19	
		For Tinted Glass, Add	21.83	
		For Low-E Insulated Glass, Add	45.48	
		For Obscure Glass, Add	50.03	
08 53 13 00-0012	EA	28" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	303.88	54.87
		For Colored Vinyl, Add	19.19	
		For Tinted Glass, Add	23.02	
		For Low-E Insulated Glass, Add	47.97	
		For Obscure Glass, Add	52.76	
08 53 13 00-0013	EA	30" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	310.01	57.15
		For Colored Vinyl, Add	19.57	
		For Tinted Glass, Add	23.48	
		For Low-E Insulated Glass, Add	48.93	
		For Obscure Glass, Add	53.82	
08 53 13 00-0014	EA	32" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200).....	316.63	58.29
		For Colored Vinyl, Add	20.00	
		For Tinted Glass, Add	24.00	
		For Low-E Insulated Glass, Add	50.01	
		For Obscure Glass, Add	55.01	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0015	EA		36" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	333.37	60.58
			<i>For Colored Vinyl, Add</i>	21.22	
			<i>For Tinted Glass, Add</i>	25.46	
			<i>For Low-E Insulated Glass, Add</i>	53.05	
			<i>For Obscure Glass, Add</i>	58.36	
08 53 13 00-0016	EA		44" x 36", New Construction, Single Hung Vinyl Window (Silver Line 2200)	360.88	65.16
			<i>For Colored Vinyl, Add</i>	23.06	
			<i>For Tinted Glass, Add</i>	27.67	
			<i>For Low-E Insulated Glass, Add</i>	57.64	
			<i>For Obscure Glass, Add</i>	63.41	
08 53 13 00-0017			38" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0018	EA		24" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	294.99	54.87
			<i>For Colored Vinyl, Add</i>	18.53	
			<i>For Tinted Glass, Add</i>	22.23	
			<i>For Low-E Insulated Glass, Add</i>	46.31	
			<i>For Obscure Glass, Add</i>	50.94	
08 53 13 00-0019	EA		28" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	309.50	57.15
			<i>For Colored Vinyl, Add</i>	19.52	
			<i>For Tinted Glass, Add</i>	23.42	
			<i>For Low-E Insulated Glass, Add</i>	48.80	
			<i>For Obscure Glass, Add</i>	53.68	
08 53 13 00-0020	EA		30" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	315.84	58.29
			<i>For Colored Vinyl, Add</i>	19.93	
			<i>For Tinted Glass, Add</i>	23.91	
			<i>For Low-E Insulated Glass, Add</i>	49.81	
			<i>For Obscure Glass, Add</i>	54.79	
08 53 13 00-0021	EA		32" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	322.48	59.44
			<i>For Colored Vinyl, Add</i>	20.36	
			<i>For Tinted Glass, Add</i>	24.43	
			<i>For Low-E Insulated Glass, Add</i>	50.90	
			<i>For Obscure Glass, Add</i>	55.99	
08 53 13 00-0022	EA		36" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	339.46	61.73
			<i>For Colored Vinyl, Add</i>	21.60	
			<i>For Tinted Glass, Add</i>	25.92	
			<i>For Low-E Insulated Glass, Add</i>	54.00	
			<i>For Obscure Glass, Add</i>	59.40	
08 53 13 00-0023	EA		44" x 38", New Construction, Single Hung Vinyl Window (Silver Line 2200)	367.31	66.30
			<i>For Colored Vinyl, Add</i>	23.47	
			<i>For Tinted Glass, Add</i>	28.17	
			<i>For Low-E Insulated Glass, Add</i>	58.68	
			<i>For Obscure Glass, Add</i>	64.55	
08 53 13 00-0024			44" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0025	EA		24" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	312.15	58.29
			<i>For Colored Vinyl, Add</i>	19.56	
			<i>For Tinted Glass, Add</i>	23.47	
			<i>For Low-E Insulated Glass, Add</i>	48.89	
			<i>For Obscure Glass, Add</i>	53.78	
08 53 13 00-0026	EA		28" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	326.67	60.58
			<i>For Colored Vinyl, Add</i>	20.55	
			<i>For Tinted Glass, Add</i>	24.66	
			<i>For Low-E Insulated Glass, Add</i>	51.38	
			<i>For Obscure Glass, Add</i>	56.51	
08 53 13 00-0027	EA		30" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	333.74	61.73
			<i>For Colored Vinyl, Add</i>	21.03	
			<i>For Tinted Glass, Add</i>	25.23	
			<i>For Low-E Insulated Glass, Add</i>	52.57	
			<i>For Obscure Glass, Add</i>	57.83	
08 53 13 00-0028	EA		32" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	340.37	62.87
			<i>For Colored Vinyl, Add</i>	21.46	
			<i>For Tinted Glass, Add</i>	25.76	
			<i>For Low-E Insulated Glass, Add</i>	53.66	
			<i>For Obscure Glass, Add</i>	59.02	
08 53 13 00-0029	EA		36" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	358.08	65.16
			<i>For Colored Vinyl, Add</i>	22.78	
			<i>For Tinted Glass, Add</i>	27.33	
			<i>For Low-E Insulated Glass, Add</i>	56.94	
			<i>For Obscure Glass, Add</i>	62.64	
08 53 13 00-0030	EA		44" x 44", New Construction, Single Hung Vinyl Window (Silver Line 2200)	386.87	69.73
			<i>For Colored Vinyl, Add</i>	24.74	
			<i>For Tinted Glass, Add</i>	29.69	
			<i>For Low-E Insulated Glass, Add</i>	61.85	
			<i>For Obscure Glass, Add</i>	68.04	
08 53 13 00-0031			46" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0032 EA 24" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	317.94	59.44
<i>For Colored Vinyl, Add</i>	19.91	
<i>For Tinted Glass, Add</i>	23.89	
<i>For Low-E Insulated Glass, Add</i>	49.77	
<i>For Obscure Glass, Add</i>	54.74	
08 53 13 00-0033 EA 28" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	332.45	61.73
<i>For Colored Vinyl, Add</i>	20.90	
<i>For Tinted Glass, Add</i>	25.08	
<i>For Low-E Insulated Glass, Add</i>	52.25	
<i>For Obscure Glass, Add</i>	57.48	
08 53 13 00-0034 EA 30" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	339.76	62.87
<i>For Colored Vinyl, Add</i>	21.40	
<i>For Tinted Glass, Add</i>	25.68	
<i>For Low-E Insulated Glass, Add</i>	53.51	
<i>For Obscure Glass, Add</i>	58.86	
08 53 13 00-0035 EA 32" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	346.38	64.01
<i>For Colored Vinyl, Add</i>	21.84	
<i>For Tinted Glass, Add</i>	26.20	
<i>For Low-E Insulated Glass, Add</i>	54.59	
<i>For Obscure Glass, Add</i>	60.05	
08 53 13 00-0036 EA 36" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	364.31	66.30
<i>For Colored Vinyl, Add</i>	23.17	
<i>For Tinted Glass, Add</i>	27.81	
<i>For Low-E Insulated Glass, Add</i>	57.93	
<i>For Obscure Glass, Add</i>	63.72	
08 53 13 00-0037 EA 44" x 46", New Construction, Single Hung Vinyl Window (Silver Line 2200)	393.43	70.87
<i>For Colored Vinyl, Add</i>	25.17	
<i>For Tinted Glass, Add</i>	30.20	
<i>For Low-E Insulated Glass, Add</i>	62.92	
<i>For Obscure Glass, Add</i>	69.21	
08 53 13 00-0038 48" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0039 EA 24" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	323.79	60.58
<i>For Colored Vinyl, Add</i>	20.26	
<i>For Tinted Glass, Add</i>	24.31	
<i>For Low-E Insulated Glass, Add</i>	50.66	
<i>For Obscure Glass, Add</i>	55.72	
08 53 13 00-0040 EA 28" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	338.30	62.87
<i>For Colored Vinyl, Add</i>	21.26	
<i>For Tinted Glass, Add</i>	25.51	
<i>For Low-E Insulated Glass, Add</i>	53.14	
<i>For Obscure Glass, Add</i>	58.45	
08 53 13 00-0041 EA 30" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	345.82	64.01
<i>For Colored Vinyl, Add</i>	21.78	
<i>For Tinted Glass, Add</i>	26.14	
<i>For Low-E Insulated Glass, Add</i>	54.45	
<i>For Obscure Glass, Add</i>	59.90	
08 53 13 00-0042 EA 32" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	352.45	65.16
<i>For Colored Vinyl, Add</i>	22.21	
<i>For Tinted Glass, Add</i>	26.66	
<i>For Low-E Insulated Glass, Add</i>	55.54	
<i>For Obscure Glass, Add</i>	61.09	
08 53 13 00-0043 EA 36" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	370.63	67.44
<i>For Colored Vinyl, Add</i>	23.58	
<i>For Tinted Glass, Add</i>	28.29	
<i>For Low-E Insulated Glass, Add</i>	58.94	
<i>For Obscure Glass, Add</i>	64.83	
08 53 13 00-0044 EA 44" x 48", New Construction, Single Hung Vinyl Window (Silver Line 2200)	400.07	72.01
<i>For Colored Vinyl, Add</i>	25.60	
<i>For Tinted Glass, Add</i>	30.72	
<i>For Low-E Insulated Glass, Add</i>	64.01	
<i>For Obscure Glass, Add</i>	70.41	
08 53 13 00-0045 50" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0046 EA 24" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	329.40	61.73
<i>For Colored Vinyl, Add</i>	20.60	
<i>For Tinted Glass, Add</i>	24.71	
<i>For Low-E Insulated Glass, Add</i>	51.49	
<i>For Obscure Glass, Add</i>	56.64	
08 53 13 00-0047 EA 28" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	343.91	64.01
<i>For Colored Vinyl, Add</i>	21.59	
<i>For Tinted Glass, Add</i>	25.91	
<i>For Low-E Insulated Glass, Add</i>	53.97	
<i>For Obscure Glass, Add</i>	59.37	
08 53 13 00-0048 EA 30" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	351.69	65.16
<i>For Colored Vinyl, Add</i>	22.14	
<i>For Tinted Glass, Add</i>	26.57	
<i>For Low-E Insulated Glass, Add</i>	55.35	
<i>For Obscure Glass, Add</i>	60.88	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 53 13 00-0049	EA	32" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	358.32	66.30
		<i>For Colored Vinyl, Add</i>		22.57	
		<i>For Tinted Glass, Add</i>		27.09	
		<i>For Low-E Insulated Glass, Add</i>		56.43	
		<i>For Obscure Glass, Add</i>		62.08	
08 53 13 00-0050	EA	36" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	376.72	68.58
		<i>For Colored Vinyl, Add</i>		23.96	
		<i>For Tinted Glass, Add</i>		28.75	
		<i>For Low-E Insulated Glass, Add</i>		59.89	
		<i>For Obscure Glass, Add</i>		65.88	
08 53 13 00-0051	EA	44" x 50", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	406.46	73.15
		<i>For Colored Vinyl, Add</i>		26.02	
		<i>For Tinted Glass, Add</i>		31.22	
		<i>For Low-E Insulated Glass, Add</i>		65.04	
		<i>For Obscure Glass, Add</i>		71.54	
08 53 13 00-0052 52" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>					
08 53 13 00-0053	EA	24" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	335.05	62.87
		<i>For Colored Vinyl, Add</i>		20.93	
		<i>For Tinted Glass, Add</i>		25.12	
		<i>For Low-E Insulated Glass, Add</i>		52.33	
		<i>For Obscure Glass, Add</i>		57.56	
08 53 13 00-0054	EA	28" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	349.56	65.16
		<i>For Colored Vinyl, Add</i>		21.93	
		<i>For Tinted Glass, Add</i>		26.31	
		<i>For Low-E Insulated Glass, Add</i>		54.81	
		<i>For Obscure Glass, Add</i>		60.29	
08 53 13 00-0055	EA	30" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	357.59	66.30
		<i>For Colored Vinyl, Add</i>		22.50	
		<i>For Tinted Glass, Add</i>		27.00	
		<i>For Low-E Insulated Glass, Add</i>		56.25	
		<i>For Obscure Glass, Add</i>		61.88	
08 53 13 00-0056	EA	32" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	364.22	67.44
		<i>For Colored Vinyl, Add</i>		22.93	
		<i>For Tinted Glass, Add</i>		27.52	
		<i>For Low-E Insulated Glass, Add</i>		57.34	
		<i>For Obscure Glass, Add</i>		63.07	
08 53 13 00-0057	EA	36" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	382.89	69.73
		<i>For Colored Vinyl, Add</i>		24.34	
		<i>For Tinted Glass, Add</i>		29.21	
		<i>For Low-E Insulated Glass, Add</i>		60.86	
		<i>For Obscure Glass, Add</i>		66.94	
08 53 13 00-0058	EA	44" x 52", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	412.93	74.30
		<i>For Colored Vinyl, Add</i>		26.43	
		<i>For Tinted Glass, Add</i>		31.72	
		<i>For Low-E Insulated Glass, Add</i>		66.08	
		<i>For Obscure Glass, Add</i>		72.69	
08 53 13 00-0059 54" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>					
08 53 13 00-0060	EA	24" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	340.69	64.01
		<i>For Colored Vinyl, Add</i>		21.27	
		<i>For Tinted Glass, Add</i>		25.52	
		<i>For Low-E Insulated Glass, Add</i>		53.17	
		<i>For Obscure Glass, Add</i>		58.48	
08 53 13 00-0061	EA	28" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	355.21	66.30
		<i>For Colored Vinyl, Add</i>		22.26	
		<i>For Tinted Glass, Add</i>		26.71	
		<i>For Low-E Insulated Glass, Add</i>		55.66	
		<i>For Obscure Glass, Add</i>		61.22	
08 53 13 00-0062	EA	30" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	363.46	67.44
		<i>For Colored Vinyl, Add</i>		22.86	
		<i>For Tinted Glass, Add</i>		27.43	
		<i>For Low-E Insulated Glass, Add</i>		57.15	
		<i>For Obscure Glass, Add</i>		62.86	
08 53 13 00-0063	EA	32" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	370.08	68.58
		<i>For Colored Vinyl, Add</i>		23.29	
		<i>For Tinted Glass, Add</i>		27.95	
		<i>For Low-E Insulated Glass, Add</i>		58.23	
		<i>For Obscure Glass, Add</i>		64.05	
08 53 13 00-0064	EA	36" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	388.98	70.87
		<i>For Colored Vinyl, Add</i>		24.72	
		<i>For Tinted Glass, Add</i>		29.67	
		<i>For Low-E Insulated Glass, Add</i>		61.81	
		<i>For Obscure Glass, Add</i>		67.99	
08 53 13 00-0065	EA	44" x 54", New Construction, Single Hung Vinyl Window (Silver Line 2200)	.....	419.32	75.44
		<i>For Colored Vinyl, Add</i>		26.84	
		<i>For Tinted Glass, Add</i>		32.21	
		<i>For Low-E Insulated Glass, Add</i>		67.11	
		<i>For Obscure Glass, Add</i>		73.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0066 60" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0067 EA 24" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	358.06	67.44
For Colored Vinyl, Add	22.32	
For Tinted Glass, Add	26.78	
For Low-E Insulated Glass, Add	55.80	
For Obscure Glass, Add	61.37	
08 53 13 00-0068 EA 28" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	372.58	69.73
For Colored Vinyl, Add	23.31	
For Tinted Glass, Add	27.97	
For Low-E Insulated Glass, Add	58.28	
For Obscure Glass, Add	64.11	
08 53 13 00-0069 EA 30" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	381.50	70.87
For Colored Vinyl, Add	23.98	
For Tinted Glass, Add	28.77	
For Low-E Insulated Glass, Add	59.94	
For Obscure Glass, Add	65.93	
08 53 13 00-0070 EA 32" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	388.13	72.01
For Colored Vinyl, Add	24.41	
For Tinted Glass, Add	29.29	
For Low-E Insulated Glass, Add	61.03	
For Obscure Glass, Add	67.13	
08 53 13 00-0071 EA 36" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	407.74	74.30
For Colored Vinyl, Add	25.91	
For Tinted Glass, Add	31.10	
For Low-E Insulated Glass, Add	64.79	
For Obscure Glass, Add	71.26	
08 53 13 00-0072 EA 44" x 60", New Construction, Single Hung Vinyl Window (Silver Line 2200)	439.04	78.87
For Colored Vinyl, Add	28.13	
For Tinted Glass, Add	33.76	
For Low-E Insulated Glass, Add	70.33	
For Obscure Glass, Add	77.36	
08 53 13 00-0073 62" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0074 EA 24" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	363.70	68.58
For Colored Vinyl, Add	22.65	
For Tinted Glass, Add	27.18	
For Low-E Insulated Glass, Add	56.64	
For Obscure Glass, Add	62.30	
08 53 13 00-0075 EA 28" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	378.22	70.87
For Colored Vinyl, Add	23.65	
For Tinted Glass, Add	28.38	
For Low-E Insulated Glass, Add	59.12	
For Obscure Glass, Add	65.03	
08 53 13 00-0076 EA 30" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	387.43	72.01
For Colored Vinyl, Add	24.34	
For Tinted Glass, Add	29.21	
For Low-E Insulated Glass, Add	60.85	
For Obscure Glass, Add	66.94	
08 53 13 00-0077 EA 32" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	394.05	73.15
For Colored Vinyl, Add	24.77	
For Tinted Glass, Add	29.73	
For Low-E Insulated Glass, Add	61.94	
For Obscure Glass, Add	68.13	
08 53 13 00-0078 EA 36" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	413.89	75.44
For Colored Vinyl, Add	26.30	
For Tinted Glass, Add	31.56	
For Low-E Insulated Glass, Add	65.75	
For Obscure Glass, Add	72.33	
08 53 13 00-0079 EA 44" x 62", New Construction, Single Hung Vinyl Window (Silver Line 2200)	445.53	80.02
For Colored Vinyl, Add	28.55	
For Tinted Glass, Add	34.26	
For Low-E Insulated Glass, Add	71.38	
For Obscure Glass, Add	78.51	
08 53 13 00-0080 66" Height, New Construction, Single Hung Vinyl Windows (Silver Line 2200) <small>(08 53 13 00-0002)</small>		
08 53 13 00-0081 EA 24" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	375.17	70.87
For Colored Vinyl, Add	23.34	
For Tinted Glass, Add	28.01	
For Low-E Insulated Glass, Add	58.36	
For Obscure Glass, Add	64.19	
08 53 13 00-0082 EA 28" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	389.68	73.15
For Colored Vinyl, Add	24.34	
For Tinted Glass, Add	29.20	
For Low-E Insulated Glass, Add	60.84	
For Obscure Glass, Add	66.93	
08 53 13 00-0083 EA 30" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	399.34	74.30
For Colored Vinyl, Add	25.07	
For Tinted Glass, Add	30.09	
For Low-E Insulated Glass, Add	62.69	
For Obscure Glass, Add	68.95	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0084	EA		32" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	405.96	75.44
			For Colored Vinyl, Add	25.51	
			For Tinted Glass, Add	30.61	
			For Low-E Insulated Glass, Add	63.77	
			For Obscure Glass, Add	70.15	
08 53 13 00-0085	EA		36" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	426.31	77.73
			For Colored Vinyl, Add	27.09	
			For Tinted Glass, Add	32.50	
			For Low-E Insulated Glass, Add	67.71	
			For Obscure Glass, Add	74.48	
08 53 13 00-0086	EA		44" x 66", New Construction, Single Hung Vinyl Window (Silver Line 2200)	458.54	82.30
			For Colored Vinyl, Add	29.39	
			For Tinted Glass, Add	35.27	
			For Low-E Insulated Glass, Add	73.49	
			For Obscure Glass, Add	80.83	
08 53 13 00-0087			72" Height, New Construction, Single Hung Vinyl Windows (Silver Line		
			2200) (08 53 13 00-0002)		
08 53 13 00-0088	EA		24" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	392.53	74.30
			For Colored Vinyl, Add	24.39	
			For Tinted Glass, Add	29.27	
			For Low-E Insulated Glass, Add	60.98	
			For Obscure Glass, Add	67.08	
08 53 13 00-0089	EA		28" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	407.05	76.59
			For Colored Vinyl, Add	25.39	
			For Tinted Glass, Add	30.47	
			For Low-E Insulated Glass, Add	63.47	
			For Obscure Glass, Add	69.82	
08 53 13 00-0090	EA		30" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	416.71	77.73
			For Colored Vinyl, Add	26.13	
			For Tinted Glass, Add	31.35	
			For Low-E Insulated Glass, Add	65.31	
			For Obscure Glass, Add	71.84	
08 53 13 00-0091	EA		32" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	423.33	78.87
			For Colored Vinyl, Add	26.56	
			For Tinted Glass, Add	31.87	
			For Low-E Insulated Glass, Add	66.40	
			For Obscure Glass, Add	73.04	
08 53 13 00-0092	EA		36" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	443.67	81.16
			For Colored Vinyl, Add	28.14	
			For Tinted Glass, Add	33.76	
			For Low-E Insulated Glass, Add	70.34	
			For Obscure Glass, Add	77.37	
08 53 13 00-0093	EA		44" x 72", New Construction, Single Hung Vinyl Window (Silver Line 2200)	475.90	85.73
			For Colored Vinyl, Add	30.44	
			For Tinted Glass, Add	36.53	
			For Low-E Insulated Glass, Add	76.11	
			For Obscure Glass, Add	83.72	
08 53 13 00-0094			Replacement, Single Hung Vinyl Windows (Silver Line 2000) (08 53 13 00-0001)		
			Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen.		
			Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0095	EA		Up To 73" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	406.31	60.01
			For Colored Vinyl, Add	28.63	
			For Tinted Glass, Add	34.35	
			For Low-E Insulated Glass, Add	71.57	
			For Obscure Glass, Add	78.73	
08 53 13 00-0096	EA		>73" To 83" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	445.33	65.72
			For Colored Vinyl, Add	31.39	
			For Tinted Glass, Add	37.67	
			For Low-E Insulated Glass, Add	78.47	
			For Obscure Glass, Add	86.32	
08 53 13 00-0097	EA		>83" To 93" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	481.55	71.44
			For Colored Vinyl, Add	33.87	
			For Tinted Glass, Add	40.64	
			For Low-E Insulated Glass, Add	84.67	
			For Obscure Glass, Add	93.13	
08 53 13 00-0098	EA		>93" To 101" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	507.98	77.16
			For Colored Vinyl, Add	35.37	
			For Tinted Glass, Add	42.44	
			For Low-E Insulated Glass, Add	88.42	
			For Obscure Glass, Add	97.26	
08 53 13 00-0099	EA		>101" To 110" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	535.51	82.87
			For Colored Vinyl, Add	36.98	
			For Tinted Glass, Add	44.37	
			For Low-E Insulated Glass, Add	92.44	
			For Obscure Glass, Add	101.69	
08 53 13 00-0100	EA		>110" To 120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000)	580.55	88.59
			For Colored Vinyl, Add	40.34	
			For Tinted Glass, Add	48.41	
			For Low-E Insulated Glass, Add	100.85	
			For Obscure Glass, Add	110.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0101 UI >120" UI, Replacement, Single Hung Vinyl Window (Silver Line 2000).....	4.85	0.74
<i>For Colored Vinyl, Add</i>	0.34	
<i>For Tinted Glass, Add</i>	0.40	
<i>For Low-E Insulated Glass, Add</i>	0.84	
<i>For Obscure Glass, Add</i>	0.92	
08 53 13 00-0102 Double Hung Vinyl Windows (08 53 13)		
08 53 13 00-0103 New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0102)		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0104 34" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0105 EA 24" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	391.34	52.58
<i>For Colored Vinyl, Add</i>	28.62	
<i>For Tinted Glass, Add</i>	34.34	
<i>For Low-E Insulated Glass, Add</i>	71.55	
<i>For Obscure Glass, Add</i>	78.70	
08 53 13 00-0106 EA 28" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	405.86	54.87
<i>For Colored Vinyl, Add</i>	29.61	
<i>For Tinted Glass, Add</i>	35.53	
<i>For Low-E Insulated Glass, Add</i>	74.03	
<i>For Obscure Glass, Add</i>	81.43	
08 53 13 00-0107 EA 30" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	412.90	56.01
<i>For Colored Vinyl, Add</i>	30.09	
<i>For Tinted Glass, Add</i>	36.11	
<i>For Low-E Insulated Glass, Add</i>	75.22	
<i>For Obscure Glass, Add</i>	82.74	
08 53 13 00-0108 EA 32" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	419.54	57.15
<i>For Colored Vinyl, Add</i>	30.52	
<i>For Tinted Glass, Add</i>	36.63	
<i>For Low-E Insulated Glass, Add</i>	76.31	
<i>For Obscure Glass, Add</i>	83.94	
08 53 13 00-0109 EA 36" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	435.34	59.44
<i>For Colored Vinyl, Add</i>	31.65	
<i>For Tinted Glass, Add</i>	37.98	
<i>For Low-E Insulated Glass, Add</i>	79.12	
<i>For Obscure Glass, Add</i>	87.03	
08 53 13 00-0110 EA 44" x 34", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	461.65	64.01
<i>For Colored Vinyl, Add</i>	33.36	
<i>For Tinted Glass, Add</i>	40.04	
<i>For Low-E Insulated Glass, Add</i>	83.41	
<i>For Obscure Glass, Add</i>	91.75	
08 53 13 00-0111 36" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		
08 53 13 00-0112 EA 24" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	397.12	53.72
<i>For Colored Vinyl, Add</i>	28.97	
<i>For Tinted Glass, Add</i>	34.76	
<i>For Low-E Insulated Glass, Add</i>	72.42	
<i>For Obscure Glass, Add</i>	79.66	
08 53 13 00-0113 EA 28" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	411.64	56.01
<i>For Colored Vinyl, Add</i>	29.96	
<i>For Tinted Glass, Add</i>	35.95	
<i>For Low-E Insulated Glass, Add</i>	74.91	
<i>For Obscure Glass, Add</i>	82.40	
08 53 13 00-0114 EA 30" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	418.69	57.15
<i>For Colored Vinyl, Add</i>	30.44	
<i>For Tinted Glass, Add</i>	36.53	
<i>For Low-E Insulated Glass, Add</i>	76.10	
<i>For Obscure Glass, Add</i>	83.70	
08 53 13 00-0115 EA 32" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	425.32	58.29
<i>For Colored Vinyl, Add</i>	30.87	
<i>For Tinted Glass, Add</i>	37.05	
<i>For Low-E Insulated Glass, Add</i>	77.18	
<i>For Obscure Glass, Add</i>	84.90	
08 53 13 00-0116 EA 36" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	441.13	60.58
<i>For Colored Vinyl, Add</i>	32.00	
<i>For Tinted Glass, Add</i>	38.40	
<i>For Low-E Insulated Glass, Add</i>	79.99	
<i>For Obscure Glass, Add</i>	87.99	
08 53 13 00-0117 EA 44" x 36", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	467.44	65.16
<i>For Colored Vinyl, Add</i>	33.71	
<i>For Tinted Glass, Add</i>	40.46	
<i>For Low-E Insulated Glass, Add</i>	84.28	
<i>For Obscure Glass, Add</i>	92.71	
08 53 13 00-0118 38" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) (08 53 13 00-0103)		

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 53 13 00-0119	EA	24" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	402.42	54.87
		<i>For Colored Vinyl, Add</i>		29.27	
		<i>For Tinted Glass, Add</i>		35.12	
		<i>For Low-E Insulated Glass, Add</i>		73.17	
		<i>For Obscure Glass, Add</i>		80.49	
08 53 13 00-0120	EA	28" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	416.93	57.15
		<i>For Colored Vinyl, Add</i>		30.26	
		<i>For Tinted Glass, Add</i>		36.31	
		<i>For Low-E Insulated Glass, Add</i>		75.66	
		<i>For Obscure Glass, Add</i>		83.22	
08 53 13 00-0121	EA	30" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	424.17	58.29
		<i>For Colored Vinyl, Add</i>		30.76	
		<i>For Tinted Glass, Add</i>		36.91	
		<i>For Low-E Insulated Glass, Add</i>		76.90	
		<i>For Obscure Glass, Add</i>		84.58	
08 53 13 00-0122	EA	32" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	430.80	59.44
		<i>For Colored Vinyl, Add</i>		31.19	
		<i>For Tinted Glass, Add</i>		37.43	
		<i>For Low-E Insulated Glass, Add</i>		77.98	
		<i>For Obscure Glass, Add</i>		85.78	
08 53 13 00-0123	EA	36" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	446.88	61.73
		<i>For Colored Vinyl, Add</i>		32.34	
		<i>For Tinted Glass, Add</i>		38.81	
		<i>For Low-E Insulated Glass, Add</i>		80.86	
		<i>For Obscure Glass, Add</i>		88.94	
08 53 13 00-0124	EA	44" x 38", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	473.48	66.30
		<i>For Colored Vinyl, Add</i>		34.09	
		<i>For Tinted Glass, Add</i>		40.91	
		<i>For Low-E Insulated Glass, Add</i>		85.22	
		<i>For Obscure Glass, Add</i>		93.74	
08 53 13 00-0125		44" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)			
		<small>(08 53 13 00-0103)</small>			
08 53 13 00-0126	EA	24" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	420.16	58.29
		<i>For Colored Vinyl, Add</i>		30.36	
		<i>For Tinted Glass, Add</i>		36.43	
		<i>For Low-E Insulated Glass, Add</i>		75.89	
		<i>For Obscure Glass, Add</i>		83.48	
08 53 13 00-0127	EA	28" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	434.69	60.58
		<i>For Colored Vinyl, Add</i>		31.35	
		<i>For Tinted Glass, Add</i>		37.62	
		<i>For Low-E Insulated Glass, Add</i>		78.38	
		<i>For Obscure Glass, Add</i>		86.22	
08 53 13 00-0128	EA	30" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	440.78	61.73
		<i>For Colored Vinyl, Add</i>		31.73	
		<i>For Tinted Glass, Add</i>		38.08	
		<i>For Low-E Insulated Glass, Add</i>		79.33	
		<i>For Obscure Glass, Add</i>		87.27	
08 53 13 00-0129	EA	32" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	447.41	62.87
		<i>For Colored Vinyl, Add</i>		32.17	
		<i>For Tinted Glass, Add</i>		38.60	
		<i>For Low-E Insulated Glass, Add</i>		80.42	
		<i>For Obscure Glass, Add</i>		88.46	
08 53 13 00-0130	EA	36" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	464.11	65.16
		<i>For Colored Vinyl, Add</i>		33.38	
		<i>For Tinted Glass, Add</i>		40.06	
		<i>For Low-E Insulated Glass, Add</i>		83.45	
		<i>For Obscure Glass, Add</i>		91.80	
08 53 13 00-0131	EA	44" x 44", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	492.11	69.73
		<i>For Colored Vinyl, Add</i>		35.27	
		<i>For Tinted Glass, Add</i>		42.32	
		<i>For Low-E Insulated Glass, Add</i>		88.16	
		<i>For Obscure Glass, Add</i>		96.98	
08 53 13 00-0132		46" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900)			
		<small>(08 53 13 00-0103)</small>			
08 53 13 00-0133	EA	24" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	425.42	59.44
		<i>For Colored Vinyl, Add</i>		30.65	
		<i>For Tinted Glass, Add</i>		36.78	
		<i>For Low-E Insulated Glass, Add</i>		76.64	
		<i>For Obscure Glass, Add</i>		84.30	
08 53 13 00-0134	EA	28" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	439.94	61.73
		<i>For Colored Vinyl, Add</i>		31.65	
		<i>For Tinted Glass, Add</i>		37.98	
		<i>For Low-E Insulated Glass, Add</i>		79.12	
		<i>For Obscure Glass, Add</i>		87.03	
08 53 13 00-0135	EA	30" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900)	.....	446.34	62.87
		<i>For Colored Vinyl, Add</i>		32.06	
		<i>For Tinted Glass, Add</i>		38.47	
		<i>For Low-E Insulated Glass, Add</i>		80.15	
		<i>For Obscure Glass, Add</i>		88.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0136 EA 32" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	452.97	64.01
<i>For Colored Vinyl, Add</i>	32.50	
<i>For Tinted Glass, Add</i>	38.99	
<i>For Low-E Insulated Glass, Add</i>	81.24	
<i>For Obscure Glass, Add</i>	89.36	
08 53 13 00-0137 EA 36" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	469.86	66.30
<i>For Colored Vinyl, Add</i>	33.73	
<i>For Tinted Glass, Add</i>	40.47	
<i>For Low-E Insulated Glass, Add</i>	84.32	
<i>For Obscure Glass, Add</i>	92.75	
08 53 13 00-0138 EA 44" x 46", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	498.70	70.87
<i>For Colored Vinyl, Add</i>	35.70	
<i>For Tinted Glass, Add</i>	42.84	
<i>For Low-E Insulated Glass, Add</i>	89.24	
<i>For Obscure Glass, Add</i>	98.16	
08 53 13 00-0139 48" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0140 EA 24" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	430.74	60.58
<i>For Colored Vinyl, Add</i>	30.96	
<i>For Tinted Glass, Add</i>	37.15	
<i>For Low-E Insulated Glass, Add</i>	77.39	
<i>For Obscure Glass, Add</i>	85.13	
08 53 13 00-0141 EA 28" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	445.25	62.87
<i>For Colored Vinyl, Add</i>	31.95	
<i>For Tinted Glass, Add</i>	38.34	
<i>For Low-E Insulated Glass, Add</i>	79.88	
<i>For Obscure Glass, Add</i>	87.87	
08 53 13 00-0142 EA 30" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	451.82	64.01
<i>For Colored Vinyl, Add</i>	32.38	
<i>For Tinted Glass, Add</i>	38.86	
<i>For Low-E Insulated Glass, Add</i>	80.95	
<i>For Obscure Glass, Add</i>	89.05	
08 53 13 00-0143 EA 32" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	458.45	65.16
<i>For Colored Vinyl, Add</i>	32.81	
<i>For Tinted Glass, Add</i>	39.38	
<i>For Low-E Insulated Glass, Add</i>	82.04	
<i>For Obscure Glass, Add</i>	90.24	
08 53 13 00-0144 EA 36" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	475.63	67.44
<i>For Colored Vinyl, Add</i>	34.08	
<i>For Tinted Glass, Add</i>	40.89	
<i>For Low-E Insulated Glass, Add</i>	85.19	
<i>For Obscure Glass, Add</i>	93.71	
08 53 13 00-0145 EA 44" x 48", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	505.20	72.01
<i>For Colored Vinyl, Add</i>	36.12	
<i>For Tinted Glass, Add</i>	43.34	
<i>For Low-E Insulated Glass, Add</i>	90.29	
<i>For Obscure Glass, Add</i>	99.32	
08 53 13 00-0146 50" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0147 EA 24" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	435.99	61.73
<i>For Colored Vinyl, Add</i>	31.25	
<i>For Tinted Glass, Add</i>	37.50	
<i>For Low-E Insulated Glass, Add</i>	78.14	
<i>For Obscure Glass, Add</i>	85.95	
08 53 13 00-0148 EA 28" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	450.50	64.01
<i>For Colored Vinyl, Add</i>	32.25	
<i>For Tinted Glass, Add</i>	38.70	
<i>For Low-E Insulated Glass, Add</i>	80.62	
<i>For Obscure Glass, Add</i>	88.68	
08 53 13 00-0149 EA 30" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	457.36	65.16
<i>For Colored Vinyl, Add</i>	32.71	
<i>For Tinted Glass, Add</i>	39.25	
<i>For Low-E Insulated Glass, Add</i>	81.76	
<i>For Obscure Glass, Add</i>	89.94	
08 53 13 00-0150 EA 32" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	463.98	66.30
<i>For Colored Vinyl, Add</i>	33.14	
<i>For Tinted Glass, Add</i>	39.77	
<i>For Low-E Insulated Glass, Add</i>	82.85	
<i>For Obscure Glass, Add</i>	91.13	
08 53 13 00-0151 EA 36" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	481.38	68.58
<i>For Colored Vinyl, Add</i>	34.42	
<i>For Tinted Glass, Add</i>	41.31	
<i>For Low-E Insulated Glass, Add</i>	86.06	
<i>For Obscure Glass, Add</i>	94.66	
08 53 13 00-0152 EA 44" x 50", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	511.76	73.15
<i>For Colored Vinyl, Add</i>	36.55	
<i>For Tinted Glass, Add</i>	43.85	
<i>For Low-E Insulated Glass, Add</i>	91.36	
<i>For Obscure Glass, Add</i>	100.50	

08 Openings**08 50 Windows**

08 53 Plastic Windows

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 53 13 00-0153		52" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>			
08 53 13 00-0154	EA	24" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	441.27		62.87
		<i>For Colored Vinyl, Add</i>	31.55		
		<i>For Tinted Glass, Add</i>	37.86		
		<i>For Low-E Insulated Glass, Add</i>	78.88		
		<i>For Obscure Glass, Add</i>	86.77		
08 53 13 00-0155	EA	28" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	455.79		65.16
		<i>For Colored Vinyl, Add</i>	32.55		
		<i>For Tinted Glass, Add</i>	39.06		
		<i>For Low-E Insulated Glass, Add</i>	81.37		
		<i>For Obscure Glass, Add</i>	89.51		
08 53 13 00-0156	EA	30" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	462.83		66.30
		<i>For Colored Vinyl, Add</i>	33.02		
		<i>For Tinted Glass, Add</i>	39.63		
		<i>For Low-E Insulated Glass, Add</i>	82.56		
		<i>For Obscure Glass, Add</i>	90.82		
08 53 13 00-0157	EA	32" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	469.46		67.44
		<i>For Colored Vinyl, Add</i>	33.46		
		<i>For Tinted Glass, Add</i>	40.15		
		<i>For Low-E Insulated Glass, Add</i>	83.65		
		<i>For Obscure Glass, Add</i>	92.01		
08 53 13 00-0158	EA	36" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	487.63		69.73
		<i>For Colored Vinyl, Add</i>	34.82		
		<i>For Tinted Glass, Add</i>	41.78		
		<i>For Low-E Insulated Glass, Add</i>	87.04		
		<i>For Obscure Glass, Add</i>	95.75		
08 53 13 00-0159	EA	44" x 52", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	518.23		74.30
		<i>For Colored Vinyl, Add</i>	36.96		
		<i>For Tinted Glass, Add</i>	44.36		
		<i>For Low-E Insulated Glass, Add</i>	92.41		
		<i>For Obscure Glass, Add</i>	101.65		
08 53 13 00-0160		54" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>			
08 53 13 00-0161	EA	24" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	446.58		64.01
		<i>For Colored Vinyl, Add</i>	31.86		
		<i>For Tinted Glass, Add</i>	38.23		
		<i>For Low-E Insulated Glass, Add</i>	79.64		
		<i>For Obscure Glass, Add</i>	87.60		
08 53 13 00-0162	EA	28" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	461.09		66.30
		<i>For Colored Vinyl, Add</i>	32.85		
		<i>For Tinted Glass, Add</i>	39.42		
		<i>For Low-E Insulated Glass, Add</i>	82.13		
		<i>For Obscure Glass, Add</i>	90.34		
08 53 13 00-0163	EA	30" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	468.40		67.44
		<i>For Colored Vinyl, Add</i>	33.35		
		<i>For Tinted Glass, Add</i>	40.02		
		<i>For Low-E Insulated Glass, Add</i>	83.38		
		<i>For Obscure Glass, Add</i>	91.72		
08 53 13 00-0164	EA	32" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	475.02		68.58
		<i>For Colored Vinyl, Add</i>	33.79		
		<i>For Tinted Glass, Add</i>	40.54		
		<i>For Low-E Insulated Glass, Add</i>	84.47		
		<i>For Obscure Glass, Add</i>	92.91		
08 53 13 00-0165	EA	36" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	493.86		70.87
		<i>For Colored Vinyl, Add</i>	35.21		
		<i>For Tinted Glass, Add</i>	42.25		
		<i>For Low-E Insulated Glass, Add</i>	88.03		
		<i>For Obscure Glass, Add</i>	96.83		
08 53 13 00-0166	EA	44" x 54", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	524.71		75.44
		<i>For Colored Vinyl, Add</i>	37.38		
		<i>For Tinted Glass, Add</i>	44.86		
		<i>For Low-E Insulated Glass, Add</i>	93.46		
		<i>For Obscure Glass, Add</i>	102.80		
08 53 13 00-0167		60" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>			
08 53 13 00-0168	EA	24" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	462.49		67.44
		<i>For Colored Vinyl, Add</i>	32.76		
		<i>For Tinted Glass, Add</i>	39.31		
		<i>For Low-E Insulated Glass, Add</i>	81.90		
		<i>For Obscure Glass, Add</i>	90.09		
08 53 13 00-0169	EA	28" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	477.01		69.73
		<i>For Colored Vinyl, Add</i>	33.76		
		<i>For Tinted Glass, Add</i>	40.51		
		<i>For Low-E Insulated Glass, Add</i>	84.39		
		<i>For Obscure Glass, Add</i>	92.83		
08 53 13 00-0170	EA	30" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	485.96		70.87
		<i>For Colored Vinyl, Add</i>	34.42		
		<i>For Tinted Glass, Add</i>	41.31		
		<i>For Low-E Insulated Glass, Add</i>	86.06		
		<i>For Obscure Glass, Add</i>	94.66		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0171 EA 32" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	492.59	72.01
<i>For Colored Vinyl, Add</i>	34.86	
<i>For Tinted Glass, Add</i>	41.83	
<i>For Low-E Insulated Glass, Add</i>	87.14	
<i>For Obscure Glass, Add</i>	95.85	
08 53 13 00-0172 EA 36" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	512.48	74.30
<i>For Colored Vinyl, Add</i>	36.39	
<i>For Tinted Glass, Add</i>	43.67	
<i>For Low-E Insulated Glass, Add</i>	90.97	
<i>For Obscure Glass, Add</i>	100.07	
08 53 13 00-0173 EA 44" x 60", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	544.23	78.87
<i>For Colored Vinyl, Add</i>	38.65	
<i>For Tinted Glass, Add</i>	46.38	
<i>For Low-E Insulated Glass, Add</i>	96.62	
<i>For Obscure Glass, Add</i>	106.28	
08 53 13 00-0174 62" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0175 EA 24" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	467.76	68.58
<i>For Colored Vinyl, Add</i>	33.06	
<i>For Tinted Glass, Add</i>	39.67	
<i>For Low-E Insulated Glass, Add</i>	82.65	
<i>For Obscure Glass, Add</i>	90.92	
08 53 13 00-0176 EA 28" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	482.29	70.87
<i>For Colored Vinyl, Add</i>	34.06	
<i>For Tinted Glass, Add</i>	40.87	
<i>For Low-E Insulated Glass, Add</i>	85.14	
<i>For Obscure Glass, Add</i>	93.65	
08 53 13 00-0177 EA 30" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	491.92	72.01
<i>For Colored Vinyl, Add</i>	34.79	
<i>For Tinted Glass, Add</i>	41.75	
<i>For Low-E Insulated Glass, Add</i>	86.97	
<i>For Obscure Glass, Add</i>	95.67	
08 53 13 00-0178 EA 32" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	498.54	73.15
<i>For Colored Vinyl, Add</i>	35.22	
<i>For Tinted Glass, Add</i>	42.27	
<i>For Low-E Insulated Glass, Add</i>	88.06	
<i>For Obscure Glass, Add</i>	96.86	
08 53 13 00-0179 EA 36" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	518.66	75.44
<i>For Colored Vinyl, Add</i>	36.78	
<i>For Tinted Glass, Add</i>	44.13	
<i>For Low-E Insulated Glass, Add</i>	91.95	
<i>For Obscure Glass, Add</i>	101.14	
08 53 13 00-0180 EA 44" x 62", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	551.28	80.02
<i>For Colored Vinyl, Add</i>	39.13	
<i>For Tinted Glass, Add</i>	46.95	
<i>For Low-E Insulated Glass, Add</i>	97.81	
<i>For Obscure Glass, Add</i>	107.59	
08 53 13 00-0181 66" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>		
08 53 13 00-0182 EA 24" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	479.35	70.87
<i>For Colored Vinyl, Add</i>	33.76	
<i>For Tinted Glass, Add</i>	40.51	
<i>For Low-E Insulated Glass, Add</i>	84.40	
<i>For Obscure Glass, Add</i>	92.84	
08 53 13 00-0183 EA 28" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	493.86	73.15
<i>For Colored Vinyl, Add</i>	34.76	
<i>For Tinted Glass, Add</i>	41.71	
<i>For Low-E Insulated Glass, Add</i>	86.89	
<i>For Obscure Glass, Add</i>	95.58	
08 53 13 00-0184 EA 30" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	503.86	74.30
<i>For Colored Vinyl, Add</i>	35.53	
<i>For Tinted Glass, Add</i>	42.63	
<i>For Low-E Insulated Glass, Add</i>	88.82	
<i>For Obscure Glass, Add</i>	97.70	
08 53 13 00-0185 EA 32" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	510.48	75.44
<i>For Colored Vinyl, Add</i>	35.96	
<i>For Tinted Glass, Add</i>	43.15	
<i>For Low-E Insulated Glass, Add</i>	89.90	
<i>For Obscure Glass, Add</i>	98.89	
08 53 13 00-0186 EA 36" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	531.14	77.73
<i>For Colored Vinyl, Add</i>	37.57	
<i>For Tinted Glass, Add</i>	45.08	
<i>For Low-E Insulated Glass, Add</i>	93.92	
<i>For Obscure Glass, Add</i>	103.31	
08 53 13 00-0187 EA 44" x 66", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	564.93	82.30
<i>For Colored Vinyl, Add</i>	40.03	
<i>For Tinted Glass, Add</i>	48.04	
<i>For Low-E Insulated Glass, Add</i>	100.08	
<i>For Obscure Glass, Add</i>	110.09	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
08 53 13 00-0188		72" Height, New Construction, Double Hung Vinyl Windows (Silver Line 3900) <small>(08 53 13 00-0103)</small>			
08 53 13 00-0189	EA	24" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	496.71		74.30
		<i>For Colored Vinyl, Add</i>	34.81		
		<i>For Tinted Glass, Add</i>	41.77		
		<i>For Low-E Insulated Glass, Add</i>	87.03		
		<i>For Obscure Glass, Add</i>	95.73		
08 53 13 00-0190	EA	28" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	511.23		76.59
		<i>For Colored Vinyl, Add</i>	35.81		
		<i>For Tinted Glass, Add</i>	42.97		
		<i>For Low-E Insulated Glass, Add</i>	89.52		
		<i>For Obscure Glass, Add</i>	98.47		
08 53 13 00-0191	EA	30" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	521.22		77.73
		<i>For Colored Vinyl, Add</i>	36.58		
		<i>For Tinted Glass, Add</i>	43.89		
		<i>For Low-E Insulated Glass, Add</i>	91.44		
		<i>For Obscure Glass, Add</i>	100.58		
08 53 13 00-0192	EA	32" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	527.84		78.87
		<i>For Colored Vinyl, Add</i>	37.01		
		<i>For Tinted Glass, Add</i>	44.41		
		<i>For Low-E Insulated Glass, Add</i>	92.53		
		<i>For Obscure Glass, Add</i>	101.78		
08 53 13 00-0193	EA	36" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	548.49		81.16
		<i>For Colored Vinyl, Add</i>	38.62		
		<i>For Tinted Glass, Add</i>	46.34		
		<i>For Low-E Insulated Glass, Add</i>	96.55		
		<i>For Obscure Glass, Add</i>	106.20		
08 53 13 00-0194	EA	44" x 72", New Construction, Double Hung Vinyl Window (Silver Line 3900).....	582.29		85.73
		<i>For Colored Vinyl, Add</i>	41.08		
		<i>For Tinted Glass, Add</i>	49.30		
		<i>For Low-E Insulated Glass, Add</i>	102.71		
		<i>For Obscure Glass, Add</i>	112.98		
08 53 13 00-0195		Replacement, Double Hung Vinyl Windows (Silver Line 8500) <small>(08 53 13 00-0102)</small>			
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).			
08 53 13 00-0196	EA	Up To 73" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	477.88		60.01
		<i>For Colored Vinyl, Add</i>	35.79		
		<i>For Tinted Glass, Add</i>	42.94		
		<i>For Low-E Insulated Glass, Add</i>	89.47		
		<i>For Obscure Glass, Add</i>	98.41		
08 53 13 00-0197	EA	>73" To 83" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	526.71		65.72
		<i>For Colored Vinyl, Add</i>	39.53		
		<i>For Tinted Glass, Add</i>	47.43		
		<i>For Low-E Insulated Glass, Add</i>	98.82		
		<i>For Obscure Glass, Add</i>	108.70		
08 53 13 00-0198	EA	>83" To 93" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	572.73		71.44
		<i>For Colored Vinyl, Add</i>	42.99		
		<i>For Tinted Glass, Add</i>	51.58		
		<i>For Low-E Insulated Glass, Add</i>	107.46		
		<i>For Obscure Glass, Add</i>	118.21		
08 53 13 00-0199	EA	>93" To 101" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	607.00		77.16
		<i>For Colored Vinyl, Add</i>	45.27		
		<i>For Tinted Glass, Add</i>	54.32		
		<i>For Low-E Insulated Glass, Add</i>	113.17		
		<i>For Obscure Glass, Add</i>	124.49		
08 53 13 00-0200	EA	>101" To 110" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	643.35		82.87
		<i>For Colored Vinyl, Add</i>	47.76		
		<i>For Tinted Glass, Add</i>	57.31		
		<i>For Low-E Insulated Glass, Add</i>	119.40		
		<i>For Obscure Glass, Add</i>	131.34		
08 53 13 00-0201	EA	>110" To 120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	698.20		88.59
		<i>For Colored Vinyl, Add</i>	52.10		
		<i>For Tinted Glass, Add</i>	62.52		
		<i>For Low-E Insulated Glass, Add</i>	130.26		
		<i>For Obscure Glass, Add</i>	143.28		
08 53 13 00-0202	UI	>120" UI, Replacement, Double Hung Vinyl Window (Silver Line 8500).....	5.83		0.74
		<i>For Colored Vinyl, Add</i>	0.43		
		<i>For Tinted Glass, Add</i>	0.52		
		<i>For Low-E Insulated Glass, Add</i>	1.09		
		<i>For Obscure Glass, Add</i>	1.19		
08 53 13 00-0203		Casement Vinyl Windows <small>(08 53 13)</small>			
08 53 13 00-0204		New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0203)</small>			
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.			
08 53 13 00-0205		One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0204)</small>			
08 53 13 00-0206		24" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0207 EA 17" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	355.38	43.43
<i>For Colored Vinyl, Add</i>	26.97	
<i>For Tinted Glass, Add</i>	32.36	
<i>For Low-E Insulated Glass, Add</i>	67.41	
<i>For Obscure Glass, Add</i>	74.15	
08 53 13 00-0208 EA 20" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	367.91	44.58
<i>For Colored Vinyl, Add</i>	27.88	
<i>For Tinted Glass, Add</i>	33.45	
<i>For Low-E Insulated Glass, Add</i>	69.69	
<i>For Obscure Glass, Add</i>	76.66	
08 53 13 00-0209 EA 24" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	381.59	46.87
<i>For Colored Vinyl, Add</i>	28.79	
<i>For Tinted Glass, Add</i>	34.54	
<i>For Low-E Insulated Glass, Add</i>	71.97	
<i>For Obscure Glass, Add</i>	79.16	
08 53 13 00-0210 EA 28" x 24", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	405.29	49.15
<i>For Colored Vinyl, Add</i>	30.70	
<i>For Tinted Glass, Add</i>	36.84	
<i>For Low-E Insulated Glass, Add</i>	76.75	
<i>For Obscure Glass, Add</i>	84.42	
08 53 13 00-0211 28" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0212 EA 17" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	376.90	45.72
<i>For Colored Vinyl, Add</i>	28.66	
<i>For Tinted Glass, Add</i>	34.39	
<i>For Low-E Insulated Glass, Add</i>	71.65	
<i>For Obscure Glass, Add</i>	78.82	
08 53 13 00-0213 EA 20" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	390.47	46.87
<i>For Colored Vinyl, Add</i>	29.67	
<i>For Tinted Glass, Add</i>	35.61	
<i>For Low-E Insulated Glass, Add</i>	74.19	
<i>For Obscure Glass, Add</i>	81.60	
08 53 13 00-0214 EA 24" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	405.15	49.15
<i>For Colored Vinyl, Add</i>	30.69	
<i>For Tinted Glass, Add</i>	36.82	
<i>For Low-E Insulated Glass, Add</i>	76.71	
<i>For Obscure Glass, Add</i>	84.38	
08 53 13 00-0215 EA 28" x 28", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	430.09	51.44
<i>For Colored Vinyl, Add</i>	32.72	
<i>For Tinted Glass, Add</i>	39.27	
<i>For Low-E Insulated Glass, Add</i>	81.81	
<i>For Obscure Glass, Add</i>	89.99	
08 53 13 00-0216 36" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0217 EA 17" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	403.11	49.15
<i>For Colored Vinyl, Add</i>	30.48	
<i>For Tinted Glass, Add</i>	36.58	
<i>For Low-E Insulated Glass, Add</i>	76.20	
<i>For Obscure Glass, Add</i>	83.82	
08 53 13 00-0218 EA 20" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	417.18	51.44
<i>For Colored Vinyl, Add</i>	31.55	
<i>For Tinted Glass, Add</i>	37.85	
<i>For Low-E Insulated Glass, Add</i>	78.86	
<i>For Obscure Glass, Add</i>	86.75	
08 53 13 00-0219 EA 24" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	432.43	53.15
<i>For Colored Vinyl, Add</i>	32.61	
<i>For Tinted Glass, Add</i>	39.13	
<i>For Low-E Insulated Glass, Add</i>	81.53	
<i>For Obscure Glass, Add</i>	89.68	
08 53 13 00-0220 EA 28" x 36", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	458.35	55.44
<i>For Colored Vinyl, Add</i>	34.75	
<i>For Tinted Glass, Add</i>	41.70	
<i>For Low-E Insulated Glass, Add</i>	86.87	
<i>For Obscure Glass, Add</i>	95.55	
08 53 13 00-0221 40" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) (08 53 13 00-0205)		
08 53 13 00-0222 EA 17" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	426.39	52.58
<i>For Colored Vinyl, Add</i>	32.24	
<i>For Tinted Glass, Add</i>	38.68	
<i>For Low-E Insulated Glass, Add</i>	80.59	
<i>For Obscure Glass, Add</i>	88.65	
08 53 13 00-0223 EA 20" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	441.18	53.72
<i>For Colored Vinyl, Add</i>	33.37	
<i>For Tinted Glass, Add</i>	40.05	
<i>For Low-E Insulated Glass, Add</i>	83.44	
<i>For Obscure Glass, Add</i>	91.78	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 53 13 00-0224	EA	24" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	457.14		56.01
		<i>For Colored Vinyl, Add</i>	34.51		
		<i>For Tinted Glass, Add</i>	41.41		
		<i>For Low-E Insulated Glass, Add</i>	86.28		
		<i>For Obscure Glass, Add</i>	94.91		
08 53 13 00-0225	EA	28" x 40", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	485.07		58.29
		<i>For Colored Vinyl, Add</i>	36.85		
		<i>For Tinted Glass, Add</i>	44.22		
		<i>For Low-E Insulated Glass, Add</i>	92.12		
		<i>For Obscure Glass, Add</i>	101.33		
08 53 13 00-0226		48" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>			
08 53 13 00-0227	EA	17" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	453.26		57.15
		<i>For Colored Vinyl, Add</i>	34.01		
		<i>For Tinted Glass, Add</i>	40.81		
		<i>For Low-E Insulated Glass, Add</i>	85.03		
		<i>For Obscure Glass, Add</i>	93.53		
08 53 13 00-0228	EA	20" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	468.68		58.29
		<i>For Colored Vinyl, Add</i>	35.21		
		<i>For Tinted Glass, Add</i>	42.25		
		<i>For Low-E Insulated Glass, Add</i>	88.02		
		<i>For Obscure Glass, Add</i>	96.82		
08 53 13 00-0229	EA	24" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	485.28		60.58
		<i>For Colored Vinyl, Add</i>	36.41		
		<i>For Tinted Glass, Add</i>	43.69		
		<i>For Low-E Insulated Glass, Add</i>	91.03		
		<i>For Obscure Glass, Add</i>	100.13		
08 53 13 00-0230	EA	28" x 48", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	515.87		62.87
		<i>For Colored Vinyl, Add</i>	39.01		
		<i>For Tinted Glass, Add</i>	46.82		
		<i>For Low-E Insulated Glass, Add</i>	97.53		
		<i>For Obscure Glass, Add</i>	107.29		
08 53 13 00-0231		52" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>			
08 53 13 00-0232	EA	17" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	475.48		59.44
		<i>For Colored Vinyl, Add</i>	35.78		
		<i>For Tinted Glass, Add</i>	42.93		
		<i>For Low-E Insulated Glass, Add</i>	89.44		
		<i>For Obscure Glass, Add</i>	98.38		
08 53 13 00-0233	EA	20" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	491.75		60.58
		<i>For Colored Vinyl, Add</i>	37.06		
		<i>For Tinted Glass, Add</i>	44.47		
		<i>For Low-E Insulated Glass, Add</i>	92.65		
		<i>For Obscure Glass, Add</i>	101.91		
08 53 13 00-0234	EA	24" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	509.12		62.87
		<i>For Colored Vinyl, Add</i>	38.34		
		<i>For Tinted Glass, Add</i>	46.01		
		<i>For Low-E Insulated Glass, Add</i>	95.85		
		<i>For Obscure Glass, Add</i>	105.43		
08 53 13 00-0235	EA	28" x 52", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	540.22		65.16
		<i>For Colored Vinyl, Add</i>	40.99		
		<i>For Tinted Glass, Add</i>	49.19		
		<i>For Low-E Insulated Glass, Add</i>	102.48		
		<i>For Obscure Glass, Add</i>	112.73		
08 53 13 00-0236		60" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>			
08 53 13 00-0237	EA	17" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	501.14		62.87
		<i>For Colored Vinyl, Add</i>	37.54		
		<i>For Tinted Glass, Add</i>	45.05		
		<i>For Low-E Insulated Glass, Add</i>	93.85		
		<i>For Obscure Glass, Add</i>	103.24		
08 53 13 00-0238	EA	20" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	518.21		65.16
		<i>For Colored Vinyl, Add</i>	38.90		
		<i>For Tinted Glass, Add</i>	46.68		
		<i>For Low-E Insulated Glass, Add</i>	97.26		
		<i>For Obscure Glass, Add</i>	106.99		
08 53 13 00-0239	EA	24" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	536.42		66.87
		<i>For Colored Vinyl, Add</i>	40.27		
		<i>For Tinted Glass, Add</i>	48.32		
		<i>For Low-E Insulated Glass, Add</i>	100.67		
		<i>For Obscure Glass, Add</i>	110.74		
08 53 13 00-0240	EA	28" x 60", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550)	568.00		69.16
		<i>For Colored Vinyl, Add</i>	42.97		
		<i>For Tinted Glass, Add</i>	51.56		
		<i>For Low-E Insulated Glass, Add</i>	107.42		
		<i>For Obscure Glass, Add</i>	118.16		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0241 64" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>		
08 53 13 00-0242 EA 17" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	524.07	66.30
For Colored Vinyl, Add	39.26	
For Tinted Glass, Add	47.11	
For Low-E Insulated Glass, Add	98.16	
For Obscure Glass, Add	107.97	
08 53 13 00-0243 EA 20" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	541.57	67.44
For Colored Vinyl, Add	40.67	
For Tinted Glass, Add	48.80	
For Low-E Insulated Glass, Add	101.67	
For Obscure Glass, Add	111.84	
08 53 13 00-0244 EA 24" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	560.91	69.73
For Colored Vinyl, Add	42.15	
For Tinted Glass, Add	50.57	
For Low-E Insulated Glass, Add	105.36	
For Obscure Glass, Add	115.90	
08 53 13 00-0245 EA 28" x 64", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	591.78	72.01
For Colored Vinyl, Add	44.78	
For Tinted Glass, Add	53.73	
For Low-E Insulated Glass, Add	111.94	
For Obscure Glass, Add	123.13	
08 53 13 00-0246 72" Height, One Operating Sash, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0205)</small>		
08 53 13 00-0247 EA 17" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	552.45	69.73
For Colored Vinyl, Add	41.30	
For Tinted Glass, Add	49.56	
For Low-E Insulated Glass, Add	103.25	
For Obscure Glass, Add	113.57	
08 53 13 00-0248 EA 20" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	570.80	72.01
For Colored Vinyl, Add	42.79	
For Tinted Glass, Add	51.35	
For Low-E Insulated Glass, Add	106.98	
For Obscure Glass, Add	117.68	
08 53 13 00-0249 EA 24" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	589.35	73.73
For Colored Vinyl, Add	44.19	
For Tinted Glass, Add	53.03	
For Low-E Insulated Glass, Add	110.48	
For Obscure Glass, Add	121.52	
08 53 13 00-0250 EA 28" x 72", One Operating Sash, New Construction, Casement Vinyl Window (Silver Line 7550).....	619.86	76.01
For Colored Vinyl, Add	46.78	
For Tinted Glass, Add	56.14	
For Low-E Insulated Glass, Add	116.96	
For Obscure Glass, Add	128.66	
08 53 13 00-0251 Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0204)</small>		
08 53 13 00-0252 36" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0253 EA 33" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	702.03	58.29
For Colored Vinyl, Add	58.54	
For Tinted Glass, Add	70.25	
For Low-E Insulated Glass, Add	146.36	
For Obscure Glass, Add	161.00	
08 53 13 00-0254 EA 40" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	728.41	62.87
For Colored Vinyl, Add	60.38	
For Tinted Glass, Add	72.46	
For Low-E Insulated Glass, Add	150.95	
For Obscure Glass, Add	166.05	
08 53 13 00-0255 EA 48" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	755.96	67.44
For Colored Vinyl, Add	62.22	
For Tinted Glass, Add	74.67	
For Low-E Insulated Glass, Add	155.56	
For Obscure Glass, Add	171.11	
08 53 13 00-0256 EA 56" x 36", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	786.92	71.44
For Colored Vinyl, Add	64.40	
For Tinted Glass, Add	77.28	
For Low-E Insulated Glass, Add	161.01	
For Obscure Glass, Add	177.11	
08 53 13 00-0257 40" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0258 EA 33" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	743.14	61.15
For Colored Vinyl, Add	62.08	
For Tinted Glass, Add	74.50	
For Low-E Insulated Glass, Add	155.21	
For Obscure Glass, Add	170.73	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0259	EA		40" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	771.04	65.16
			<i>For Colored Vinyl, Add</i>	64.07	
			<i>For Tinted Glass, Add</i>	76.89	
			<i>For Low-E Insulated Glass, Add</i>	160.18	
			<i>For Obscure Glass, Add</i>	176.20	
08 53 13 00-0260	EA		48" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	800.11	69.73
			<i>For Colored Vinyl, Add</i>	66.07	
			<i>For Tinted Glass, Add</i>	79.28	
			<i>For Low-E Insulated Glass, Add</i>	165.16	
			<i>For Obscure Glass, Add</i>	181.68	
08 53 13 00-0261	EA		56" x 40", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	830.15	74.30
			<i>For Colored Vinyl, Add</i>	68.16	
			<i>For Tinted Glass, Add</i>	81.79	
			<i>For Low-E Insulated Glass, Add</i>	170.39	
			<i>For Obscure Glass, Add</i>	187.43	
08 53 13 00-0262			48" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0263	EA		33" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	788.40	65.72
			<i>For Colored Vinyl, Add</i>	65.70	
			<i>For Tinted Glass, Add</i>	78.83	
			<i>For Low-E Insulated Glass, Add</i>	164.24	
			<i>For Obscure Glass, Add</i>	180.66	
08 53 13 00-0264	EA		40" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	817.39	69.73
			<i>For Colored Vinyl, Add</i>	67.79	
			<i>For Tinted Glass, Add</i>	81.35	
			<i>For Low-E Insulated Glass, Add</i>	169.48	
			<i>For Obscure Glass, Add</i>	186.43	
08 53 13 00-0265	EA		48" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	847.54	74.30
			<i>For Colored Vinyl, Add</i>	69.89	
			<i>For Tinted Glass, Add</i>	83.87	
			<i>For Low-E Insulated Glass, Add</i>	174.74	
			<i>For Obscure Glass, Add</i>	192.21	
08 53 13 00-0266	EA		56" x 48", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	880.13	78.87
			<i>For Colored Vinyl, Add</i>	72.24	
			<i>For Tinted Glass, Add</i>	86.69	
			<i>For Low-E Insulated Glass, Add</i>	180.60	
			<i>For Obscure Glass, Add</i>	198.66	
08 53 13 00-0267			52" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0268	EA		33" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	829.00	68.01
			<i>For Colored Vinyl, Add</i>	69.30	
			<i>For Tinted Glass, Add</i>	83.16	
			<i>For Low-E Insulated Glass, Add</i>	173.25	
			<i>For Obscure Glass, Add</i>	190.57	
08 53 13 00-0269	EA		40" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	859.44	72.01
			<i>For Colored Vinyl, Add</i>	71.54	
			<i>For Tinted Glass, Add</i>	85.85	
			<i>For Low-E Insulated Glass, Add</i>	178.85	
			<i>For Obscure Glass, Add</i>	196.74	
08 53 13 00-0270	EA		48" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	891.02	76.59
			<i>For Colored Vinyl, Add</i>	73.79	
			<i>For Tinted Glass, Add</i>	88.54	
			<i>For Low-E Insulated Glass, Add</i>	184.46	
			<i>For Obscure Glass, Add</i>	202.91	
08 53 13 00-0271	EA		56" x 52", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	924.11	81.16
			<i>For Colored Vinyl, Add</i>	76.18	
			<i>For Tinted Glass, Add</i>	91.42	
			<i>For Low-E Insulated Glass, Add</i>	190.45	
			<i>For Obscure Glass, Add</i>	209.50	
08 53 13 00-0272			60" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0273	EA		33" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	873.03	72.01
			<i>For Colored Vinyl, Add</i>	72.90	
			<i>For Tinted Glass, Add</i>	87.48	
			<i>For Low-E Insulated Glass, Add</i>	182.25	
			<i>For Obscure Glass, Add</i>	200.48	
08 53 13 00-0274	EA		40" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	904.91	76.59
			<i>For Colored Vinyl, Add</i>	75.29	
			<i>For Tinted Glass, Add</i>	90.35	
			<i>For Low-E Insulated Glass, Add</i>	188.22	
			<i>For Obscure Glass, Add</i>	207.04	
08 53 13 00-0275	EA		48" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	937.93	81.16
			<i>For Colored Vinyl, Add</i>	77.68	
			<i>For Tinted Glass, Add</i>	93.21	
			<i>For Low-E Insulated Glass, Add</i>	194.19	
			<i>For Obscure Glass, Add</i>	213.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0276 EA 56" x 60", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	971.51	85.16
<i>For Colored Vinyl, Add</i>	80.12	
<i>For Tinted Glass, Add</i>	96.14	
<i>For Low-E Insulated Glass, Add</i>	200.30	
<i>For Obscure Glass, Add</i>	220.33	
08 53 13 00-0277 64" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0278 EA 33" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	915.94	74.87
<i>For Colored Vinyl, Add</i>	76.62	
<i>For Tinted Glass, Add</i>	91.94	
<i>For Low-E Insulated Glass, Add</i>	191.55	
<i>For Obscure Glass, Add</i>	210.71	
08 53 13 00-0279 EA 40" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	947.84	78.87
<i>For Colored Vinyl, Add</i>	79.01	
<i>For Tinted Glass, Add</i>	94.81	
<i>For Low-E Insulated Glass, Add</i>	197.53	
<i>For Obscure Glass, Add</i>	217.28	
08 53 13 00-0280 EA 48" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	980.73	83.44
<i>For Colored Vinyl, Add</i>	81.39	
<i>For Tinted Glass, Add</i>	97.66	
<i>For Low-E Insulated Glass, Add</i>	203.46	
<i>For Obscure Glass, Add</i>	223.81	
08 53 13 00-0281 EA 56" x 64", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,014.42	88.01
<i>For Colored Vinyl, Add</i>	83.84	
<i>For Tinted Glass, Add</i>	100.61	
<i>For Low-E Insulated Glass, Add</i>	209.60	
<i>For Obscure Glass, Add</i>	230.56	
08 53 13 00-0282 72" Height, Two Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0251)</small>		
08 53 13 00-0283 EA 33" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	963.55	78.87
<i>For Colored Vinyl, Add</i>	80.58	
<i>For Tinted Glass, Add</i>	96.70	
<i>For Low-E Insulated Glass, Add</i>	201.45	
<i>For Obscure Glass, Add</i>	221.60	
08 53 13 00-0284 EA 40" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	995.45	83.44
<i>For Colored Vinyl, Add</i>	82.97	
<i>For Tinted Glass, Add</i>	99.57	
<i>For Low-E Insulated Glass, Add</i>	207.43	
<i>For Obscure Glass, Add</i>	228.17	
08 53 13 00-0285 EA 48" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,028.49	88.01
<i>For Colored Vinyl, Add</i>	85.36	
<i>For Tinted Glass, Add</i>	102.43	
<i>For Low-E Insulated Glass, Add</i>	213.40	
<i>For Obscure Glass, Add</i>	234.74	
08 53 13 00-0286 EA 56" x 72", Two Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,062.06	92.02
<i>For Colored Vinyl, Add</i>	87.80	
<i>For Tinted Glass, Add</i>	105.36	
<i>For Low-E Insulated Glass, Add</i>	219.51	
<i>For Obscure Glass, Add</i>	241.46	
08 53 13 00-0287 Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0204)</small>		
08 53 13 00-0288 36" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0289 EA 62" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	867.49	74.30
<i>For Colored Vinyl, Add</i>	71.89	
<i>For Tinted Glass, Add</i>	86.27	
<i>For Low-E Insulated Glass, Add</i>	179.72	
<i>For Obscure Glass, Add</i>	197.69	
08 53 13 00-0290 EA 72" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	909.20	80.02
<i>For Colored Vinyl, Add</i>	74.92	
<i>For Tinted Glass, Add</i>	89.90	
<i>For Low-E Insulated Glass, Add</i>	187.29	
<i>For Obscure Glass, Add</i>	206.02	
08 53 13 00-0291 EA 86" x 36", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	983.32	88.59
<i>For Colored Vinyl, Add</i>	80.62	
<i>For Tinted Glass, Add</i>	96.74	
<i>For Low-E Insulated Glass, Add</i>	201.54	
<i>For Obscure Glass, Add</i>	221.69	
08 53 13 00-0292 40" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0293 EA 62" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	923.71	77.73
<i>For Colored Vinyl, Add</i>	76.94	
<i>For Tinted Glass, Add</i>	92.33	
<i>For Low-E Insulated Glass, Add</i>	192.35	
<i>For Obscure Glass, Add</i>	211.58	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0294	EA	72" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	965.72	82.87
		<i>For Colored Vinyl, Add</i>	80.00	
		<i>For Tinted Glass, Add</i>	96.00	
		<i>For Low-E Insulated Glass, Add</i>	200.00	
		<i>For Obscure Glass, Add</i>	219.99	
08 53 13 00-0295	EA	86" x 40", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,043.94	91.45
		<i>For Colored Vinyl, Add</i>	86.11	
		<i>For Tinted Glass, Add</i>	103.33	
		<i>For Low-E Insulated Glass, Add</i>	215.26	
		<i>For Obscure Glass, Add</i>	236.79	
08 53 13 00-0296		48" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0297	EA	62" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	977.27	82.30
		<i>For Colored Vinyl, Add</i>	81.27	
		<i>For Tinted Glass, Add</i>	97.52	
		<i>For Low-E Insulated Glass, Add</i>	203.17	
		<i>For Obscure Glass, Add</i>	223.48	
08 53 13 00-0298	EA	72" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,026.42	87.45
		<i>For Colored Vinyl, Add</i>	85.15	
		<i>For Tinted Glass, Add</i>	102.18	
		<i>For Low-E Insulated Glass, Add</i>	212.88	
		<i>For Obscure Glass, Add</i>	234.17	
08 53 13 00-0299	EA	86" x 48", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,108.13	96.02
		<i>For Colored Vinyl, Add</i>	91.61	
		<i>For Tinted Glass, Add</i>	109.93	
		<i>For Low-E Insulated Glass, Add</i>	229.03	
		<i>For Obscure Glass, Add</i>	251.93	
08 53 13 00-0300		52" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0301	EA	62" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,030.61	84.59
		<i>For Colored Vinyl, Add</i>	86.14	
		<i>For Tinted Glass, Add</i>	103.37	
		<i>For Low-E Insulated Glass, Add</i>	215.36	
		<i>For Obscure Glass, Add</i>	236.90	
08 53 13 00-0302	EA	72" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,083.03	90.30
		<i>For Colored Vinyl, Add</i>	90.24	
		<i>For Tinted Glass, Add</i>	108.29	
		<i>For Low-E Insulated Glass, Add</i>	225.61	
		<i>For Obscure Glass, Add</i>	248.17	
08 53 13 00-0303	EA	86" x 52", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,175.84	98.30
		<i>For Colored Vinyl, Add</i>	97.92	
		<i>For Tinted Glass, Add</i>	117.51	
		<i>For Low-E Insulated Glass, Add</i>	244.81	
		<i>For Obscure Glass, Add</i>	269.29	
08 53 13 00-0304		60" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0305	EA	62" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,087.36	88.59
		<i>For Colored Vinyl, Add</i>	91.02	
		<i>For Tinted Glass, Add</i>	109.22	
		<i>For Low-E Insulated Glass, Add</i>	227.55	
		<i>For Obscure Glass, Add</i>	250.30	
08 53 13 00-0306	EA	72" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,141.91	94.30
		<i>For Colored Vinyl, Add</i>	95.33	
		<i>For Tinted Glass, Add</i>	114.40	
		<i>For Low-E Insulated Glass, Add</i>	238.33	
		<i>For Obscure Glass, Add</i>	262.16	
08 53 13 00-0307	EA	86" x 60", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,246.99	102.31
		<i>For Colored Vinyl, Add</i>	104.24	
		<i>For Tinted Glass, Add</i>	125.09	
		<i>For Low-E Insulated Glass, Add</i>	260.60	
		<i>For Obscure Glass, Add</i>	286.65	
08 53 13 00-0308		64" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0309	EA	62" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,148.15	91.45
		<i>For Colored Vinyl, Add</i>	96.53	
		<i>For Tinted Glass, Add</i>	115.83	
		<i>For Low-E Insulated Glass, Add</i>	241.32	
		<i>For Obscure Glass, Add</i>	265.45	
08 53 13 00-0310	EA	72" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,202.66	97.16
		<i>For Colored Vinyl, Add</i>	100.83	
		<i>For Tinted Glass, Add</i>	121.00	
		<i>For Low-E Insulated Glass, Add</i>	252.09	
		<i>For Obscure Glass, Add</i>	277.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0311 EA 86" x 64", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,307.74	105.16
<i>For Colored Vinyl, Add</i>	109.74	
<i>For Tinted Glass, Add</i>	131.69	
<i>For Low-E Insulated Glass, Add</i>	274.36	
<i>For Obscure Glass, Add</i>	301.79	
08 53 13 00-0312 72" Height, Three Operating Sashes, New Construction, Casement Vinyl Windows (Silver Line 7550) <small>(08 53 13 00-0287)</small>		
08 53 13 00-0313 EA 62" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,211.33	95.44
<i>For Colored Vinyl, Add</i>	102.04	
<i>For Tinted Glass, Add</i>	122.45	
<i>For Low-E Insulated Glass, Add</i>	255.11	
<i>For Obscure Glass, Add</i>	280.62	
08 53 13 00-0314 EA 72" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,265.85	101.16
<i>For Colored Vinyl, Add</i>	106.35	
<i>For Tinted Glass, Add</i>	127.62	
<i>For Low-E Insulated Glass, Add</i>	265.88	
<i>For Obscure Glass, Add</i>	292.47	
08 53 13 00-0315 EA 86" x 72", Three Operating Sashes, New Construction, Casement Vinyl Window (Silver Line 7550).....	1,370.94	109.16
<i>For Colored Vinyl, Add</i>	115.26	
<i>For Tinted Glass, Add</i>	138.31	
<i>For Low-E Insulated Glass, Add</i>	288.15	
<i>For Obscure Glass, Add</i>	316.97	
08 53 13 00-0316 Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0203)</small>		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0317 One Operating Sash, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0318 EA Up To 53" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	453.48	48.58
<i>For Colored Vinyl, Add</i>	35.63	
<i>For Tinted Glass, Add</i>	42.76	
<i>For Low-E Insulated Glass, Add</i>	89.08	
<i>For Obscure Glass, Add</i>	97.99	
08 53 13 00-0319 EA >53 To 63" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	514.49	54.30
<i>For Colored Vinyl, Add</i>	40.59	
<i>For Tinted Glass, Add</i>	48.71	
<i>For Low-E Insulated Glass, Add</i>	101.48	
<i>For Obscure Glass, Add</i>	111.62	
08 53 13 00-0320 EA >63 To 73" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	569.90	60.01
<i>For Colored Vinyl, Add</i>	44.99	
<i>For Tinted Glass, Add</i>	53.99	
<i>For Low-E Insulated Glass, Add</i>	112.47	
<i>For Obscure Glass, Add</i>	123.72	
08 53 13 00-0321 EA >73" To 83" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	619.71	65.72
<i>For Colored Vinyl, Add</i>	48.83	
<i>For Tinted Glass, Add</i>	58.59	
<i>For Low-E Insulated Glass, Add</i>	122.07	
<i>For Obscure Glass, Add</i>	134.27	
08 53 13 00-0322 EA >83" To 93" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	663.91	71.44
<i>For Colored Vinyl, Add</i>	52.10	
<i>For Tinted Glass, Add</i>	62.52	
<i>For Low-E Insulated Glass, Add</i>	130.26	
<i>For Obscure Glass, Add</i>	143.28	
08 53 13 00-0323 EA >93" To 101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	691.88	77.16
<i>For Colored Vinyl, Add</i>	53.76	
<i>For Tinted Glass, Add</i>	64.51	
<i>For Low-E Insulated Glass, Add</i>	134.39	
<i>For Obscure Glass, Add</i>	147.83	
08 53 13 00-0324 UI >101" UI, One Operating Sash, Replacement, Casement Vinyl Window (Silver Line 7500).....	6.81	0.74
<i>For Colored Vinyl, Add</i>	0.53	
<i>For Tinted Glass, Add</i>	0.64	
<i>For Low-E Insulated Glass, Add</i>	1.33	
<i>For Obscure Glass, Add</i>	1.46	
08 53 13 00-0325 Two Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) <small>(08 53 13 00-0316)</small>		
08 53 13 00-0326 EA Up To 73" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	743.72	60.01
<i>For Colored Vinyl, Add</i>	62.37	
<i>For Tinted Glass, Add</i>	74.84	
<i>For Low-E Insulated Glass, Add</i>	155.93	
<i>For Obscure Glass, Add</i>	171.52	
08 53 13 00-0327 EA >73" To 83" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	817.34	65.72
<i>For Colored Vinyl, Add</i>	68.59	
<i>For Tinted Glass, Add</i>	82.31	
<i>For Low-E Insulated Glass, Add</i>	171.47	
<i>For Obscure Glass, Add</i>	188.62	
08 53 13 00-0328 EA >83" To 93" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	885.35	71.44
<i>For Colored Vinyl, Add</i>	74.25	
<i>For Tinted Glass, Add</i>	89.10	
<i>For Low-E Insulated Glass, Add</i>	185.62	
<i>For Obscure Glass, Add</i>	204.18	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0329	EA		>93" To 101" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	932.37	77.16
			<i>For Colored Vinyl, Add</i>	77.81	
			<i>For Tinted Glass, Add</i>	93.37	
			<i>For Low-E Insulated Glass, Add</i>	194.51	
			<i>For Obscure Glass, Add</i>	213.96	
08 53 13 00-0330	EA		>101" To 110" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	982.31	82.87
			<i>For Colored Vinyl, Add</i>	81.66	
			<i>For Tinted Glass, Add</i>	97.99	
			<i>For Low-E Insulated Glass, Add</i>	204.14	
			<i>For Obscure Glass, Add</i>	224.56	
08 53 13 00-0331	EA		>110" To 120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	1,034.36	88.59
			<i>For Colored Vinyl, Add</i>	85.72	
			<i>For Tinted Glass, Add</i>	102.86	
			<i>For Low-E Insulated Glass, Add</i>	214.30	
			<i>For Obscure Glass, Add</i>	235.73	
08 53 13 00-0332	UI		>120" UI, Two Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	8.63	0.74
			<i>For Colored Vinyl, Add</i>	0.71	
			<i>For Tinted Glass, Add</i>	0.86	
			<i>For Low-E Insulated Glass, Add</i>	1.79	
			<i>For Obscure Glass, Add</i>	1.96	
08 53 13 00-0333 Three Operating Sashes, Replacement, Casement Vinyl Windows (Silver Line 7500) (08 53 13 00-0316)					
08 53 13 00-0334	EA		Up To 73" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	774.39	60.01
			<i>For Colored Vinyl, Add</i>	65.44	
			<i>For Tinted Glass, Add</i>	78.52	
			<i>For Low-E Insulated Glass, Add</i>	163.59	
			<i>For Obscure Glass, Add</i>	179.95	
08 53 13 00-0335	EA		>73" To 83" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	851.37	65.72
			<i>For Colored Vinyl, Add</i>	71.99	
			<i>For Tinted Glass, Add</i>	86.39	
			<i>For Low-E Insulated Glass, Add</i>	179.98	
			<i>For Obscure Glass, Add</i>	197.98	
08 53 13 00-0336	EA		>83" To 93" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	924.43	71.44
			<i>For Colored Vinyl, Add</i>	78.16	
			<i>For Tinted Glass, Add</i>	93.79	
			<i>For Low-E Insulated Glass, Add</i>	195.39	
			<i>For Obscure Glass, Add</i>	214.93	
08 53 13 00-0337	EA		>93" To 101" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	974.81	77.16
			<i>For Colored Vinyl, Add</i>	82.05	
			<i>For Tinted Glass, Add</i>	98.46	
			<i>For Low-E Insulated Glass, Add</i>	205.12	
			<i>For Obscure Glass, Add</i>	225.63	
08 53 13 00-0338	EA		>101" To 110" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,028.53	82.87
			<i>For Colored Vinyl, Add</i>	86.28	
			<i>For Tinted Glass, Add</i>	103.53	
			<i>For Low-E Insulated Glass, Add</i>	215.70	
			<i>For Obscure Glass, Add</i>	237.27	
08 53 13 00-0339	EA		>110" To 120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500).....	1,084.78	88.59
			<i>For Colored Vinyl, Add</i>	90.76	
			<i>For Tinted Glass, Add</i>	108.91	
			<i>For Low-E Insulated Glass, Add</i>	226.90	
			<i>For Obscure Glass, Add</i>	249.59	
08 53 13 00-0340	UI		>120" UI, Three Operating Sashes, Replacement, Casement Vinyl Window (Silver Line 7500)	9.05	0.74
			<i>For Colored Vinyl, Add</i>	0.76	
			<i>For Tinted Glass, Add</i>	0.91	
			<i>For Low-E Insulated Glass, Add</i>	1.89	
			<i>For Obscure Glass, Add</i>	2.08	
08 53 13 00-0341 Awning Vinyl Windows (08 53 13)					
08 53 13 00-0342 New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0341)					
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.					
08 53 13 00-0343 Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0342)					
08 53 13 00-0344 17" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)					
08 53 13 00-0345	EA		24" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	455.57	46.87
			<i>For Colored Vinyl, Add</i>	36.18	
			<i>For Tinted Glass, Add</i>	43.42	
			<i>For Low-E Insulated Glass, Add</i>	90.46	
			<i>For Obscure Glass, Add</i>	99.51	
08 53 13 00-0346	EA		28" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	476.95	49.15
			<i>For Colored Vinyl, Add</i>	37.87	
			<i>For Tinted Glass, Add</i>	45.44	
			<i>For Low-E Insulated Glass, Add</i>	94.66	
			<i>For Obscure Glass, Add</i>	104.13	
08 53 13 00-0347	EA		36" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	510.17	53.15
			<i>For Colored Vinyl, Add</i>	40.39	
			<i>For Tinted Glass, Add</i>	48.46	
			<i>For Low-E Insulated Glass, Add</i>	100.97	
			<i>For Obscure Glass, Add</i>	111.06	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0348 EA 40" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	531.73	56.01
<i>For Colored Vinyl, Add</i>	41.97	
<i>For Tinted Glass, Add</i>	50.37	
<i>For Low-E Insulated Glass, Add</i>	104.93	
<i>For Obscure Glass, Add</i>	115.42	
08 53 13 00-0349 EA 48" x 17", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	567.05	60.58
<i>For Colored Vinyl, Add</i>	44.59	
<i>For Tinted Glass, Add</i>	53.51	
<i>For Low-E Insulated Glass, Add</i>	111.47	
<i>For Obscure Glass, Add</i>	122.62	
08 53 13 00-0350 20" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0351 EA 24" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	480.01	49.15
<i>For Colored Vinyl, Add</i>	38.29	
<i>For Tinted Glass, Add</i>	45.94	
<i>For Low-E Insulated Glass, Add</i>	95.71	
<i>For Obscure Glass, Add</i>	105.28	
08 53 13 00-0352 EA 28" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	501.39	51.44
<i>For Colored Vinyl, Add</i>	39.97	
<i>For Tinted Glass, Add</i>	47.96	
<i>For Low-E Insulated Glass, Add</i>	99.92	
<i>For Obscure Glass, Add</i>	109.91	
08 53 13 00-0353 EA 36" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	536.93	54.87
<i>For Colored Vinyl, Add</i>	42.72	
<i>For Tinted Glass, Add</i>	51.26	
<i>For Low-E Insulated Glass, Add</i>	106.80	
<i>For Obscure Glass, Add</i>	117.48	
08 53 13 00-0354 EA 40" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	558.53	58.29
<i>For Colored Vinyl, Add</i>	44.31	
<i>For Tinted Glass, Add</i>	53.17	
<i>For Low-E Insulated Glass, Add</i>	110.77	
<i>For Obscure Glass, Add</i>	121.85	
08 53 13 00-0355 EA 48" x 20", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	596.14	62.30
<i>For Colored Vinyl, Add</i>	47.15	
<i>For Tinted Glass, Add</i>	56.58	
<i>For Low-E Insulated Glass, Add</i>	117.89	
<i>For Obscure Glass, Add</i>	129.67	
08 53 13 00-0356 24" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0357 EA 24" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	496.23	51.44
<i>For Colored Vinyl, Add</i>	39.45	
<i>For Tinted Glass, Add</i>	47.34	
<i>For Low-E Insulated Glass, Add</i>	98.63	
<i>For Obscure Glass, Add</i>	108.49	
08 53 13 00-0358 EA 28" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	517.62	53.72
<i>For Colored Vinyl, Add</i>	41.13	
<i>For Tinted Glass, Add</i>	49.36	
<i>For Low-E Insulated Glass, Add</i>	102.83	
<i>For Obscure Glass, Add</i>	113.11	
08 53 13 00-0359 EA 36" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	554.33	57.15
<i>For Colored Vinyl, Add</i>	44.00	
<i>For Tinted Glass, Add</i>	52.80	
<i>For Low-E Insulated Glass, Add</i>	110.01	
<i>For Obscure Glass, Add</i>	121.01	
08 53 13 00-0360 EA 40" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	577.80	60.58
<i>For Colored Vinyl, Add</i>	45.78	
<i>For Tinted Glass, Add</i>	54.93	
<i>For Low-E Insulated Glass, Add</i>	114.45	
<i>For Obscure Glass, Add</i>	125.89	
08 53 13 00-0361 EA 48" x 24", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	615.89	64.58
<i>For Colored Vinyl, Add</i>	48.67	
<i>For Tinted Glass, Add</i>	58.41	
<i>For Low-E Insulated Glass, Add</i>	121.68	
<i>For Obscure Glass, Add</i>	133.85	
08 53 13 00-0362 28" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) <small>(08 53 13 00-0343)</small>		
08 53 13 00-0363 EA 24" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	512.49	53.72
<i>For Colored Vinyl, Add</i>	40.62	
<i>For Tinted Glass, Add</i>	48.74	
<i>For Low-E Insulated Glass, Add</i>	101.55	
<i>For Obscure Glass, Add</i>	111.70	
08 53 13 00-0364 EA 28" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	533.87	56.01
<i>For Colored Vinyl, Add</i>	42.30	
<i>For Tinted Glass, Add</i>	50.76	
<i>For Low-E Insulated Glass, Add</i>	105.75	
<i>For Obscure Glass, Add</i>	116.32	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0365 EA 36" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	571.76	59.44
For Colored Vinyl, Add	45.29	
For Tinted Glass, Add	54.35	
For Low-E Insulated Glass, Add	113.22	
For Obscure Glass, Add	124.54	
08 53 13 00-0366 EA 40" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	596.98	62.87
For Colored Vinyl, Add	47.24	
For Tinted Glass, Add	56.69	
For Low-E Insulated Glass, Add	118.10	
For Obscure Glass, Add	129.90	
08 53 13 00-0367 EA 48" x 28", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	635.64	66.87
For Colored Vinyl, Add	50.19	
For Tinted Glass, Add	60.23	
For Low-E Insulated Glass, Add	125.48	
For Obscure Glass, Add	138.02	
08 53 13 00-0368 36" Height, Venting, New Construction, Awning Vinyl Windows (Silver Line 7450) (08 53 13 00-0343)		
08 53 13 00-0369 EA 36" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	605.42	63.44
For Colored Vinyl, Add	47.85	
For Tinted Glass, Add	57.42	
For Low-E Insulated Glass, Add	119.64	
For Obscure Glass, Add	131.60	
08 53 13 00-0370 EA 40" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	630.65	66.30
For Colored Vinyl, Add	49.81	
For Tinted Glass, Add	59.77	
For Low-E Insulated Glass, Add	124.52	
For Obscure Glass, Add	136.97	
08 53 13 00-0371 EA 48" x 36", Venting, New Construction, Awning Vinyl Window (Silver Line 7450).....	671.65	70.87
For Colored Vinyl, Add	52.99	
For Tinted Glass, Add	63.59	
For Low-E Insulated Glass, Add	132.48	
For Obscure Glass, Add	145.73	
08 53 13 00-0372 Replacement, Awning Vinyl Windows (Silver Line 7400) (08 53 13 00-0341)		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0373 EA Up To 53" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	475.75	48.58
For Colored Vinyl, Add	37.86	
For Tinted Glass, Add	45.43	
For Low-E Insulated Glass, Add	94.65	
For Obscure Glass, Add	104.11	
08 53 13 00-0374 EA >53" To 63" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	549.79	54.30
For Colored Vinyl, Add	44.12	
For Tinted Glass, Add	52.94	
For Low-E Insulated Glass, Add	110.30	
For Obscure Glass, Add	121.33	
08 53 13 00-0375 EA >63" To 73" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	621.03	60.01
For Colored Vinyl, Add	50.10	
For Tinted Glass, Add	60.12	
For Low-E Insulated Glass, Add	125.25	
For Obscure Glass, Add	137.78	
08 53 13 00-0376 EA >73" To 83" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	689.46	65.72
For Colored Vinyl, Add	55.80	
For Tinted Glass, Add	66.96	
For Low-E Insulated Glass, Add	139.50	
For Obscure Glass, Add	153.45	
08 53 13 00-0377 EA >83" To 93" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	755.10	71.44
For Colored Vinyl, Add	61.22	
For Tinted Glass, Add	73.47	
For Low-E Insulated Glass, Add	153.06	
For Obscure Glass, Add	168.36	
08 53 13 00-0378 EA >93" To 101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	790.91	77.16
For Colored Vinyl, Add	63.66	
For Tinted Glass, Add	76.39	
For Low-E Insulated Glass, Add	159.15	
For Obscure Glass, Add	175.06	
08 53 13 00-0379 UI >101" UI, Replacement, Awning Vinyl Window (Silver Line 7400).....	7.79	0.74
For Colored Vinyl, Add	0.63	
For Tinted Glass, Add	0.76	
For Low-E Insulated Glass, Add	1.58	
For Obscure Glass, Add	1.73	
08 53 13 00-0380 Horizontal Sliding Vinyl Windows (08 53 13)		
08 53 13 00-0381 New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0380)		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0382 20" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) (08 53 13 00-0381)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0383 EA 36" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	279.99	56.01
For Colored Vinyl, Add	16.91	
For Tinted Glass, Add	20.29	
For Low-E Insulated Glass, Add	42.28	
For Obscure Glass, Add	46.51	
08 53 13 00-0384 EA 48" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	310.30	62.87
For Colored Vinyl, Add	18.57	
For Tinted Glass, Add	22.28	
For Low-E Insulated Glass, Add	46.43	
For Obscure Glass, Add	51.07	
08 53 13 00-0385 EA 54" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	325.44	65.72
For Colored Vinyl, Add	19.40	
For Tinted Glass, Add	23.28	
For Low-E Insulated Glass, Add	48.50	
For Obscure Glass, Add	53.35	
08 53 13 00-0386 EA 60" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	340.59	69.16
For Colored Vinyl, Add	20.23	
For Tinted Glass, Add	24.27	
For Low-E Insulated Glass, Add	50.57	
For Obscure Glass, Add	55.63	
08 53 13 00-0387 EA 64" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	350.68	72.01
For Colored Vinyl, Add	20.78	
For Tinted Glass, Add	24.94	
For Low-E Insulated Glass, Add	51.95	
For Obscure Glass, Add	57.15	
08 53 13 00-0388 EA 72" x 20", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	370.88	76.01
For Colored Vinyl, Add	21.89	
For Tinted Glass, Add	26.26	
For Low-E Insulated Glass, Add	54.72	
For Obscure Glass, Add	60.19	
08 53 13 00-0389 24" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0390 EA 36" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	293.89	58.29
For Colored Vinyl, Add	17.84	
For Tinted Glass, Add	21.41	
For Low-E Insulated Glass, Add	44.61	
For Obscure Glass, Add	49.07	
08 53 13 00-0391 EA 48" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	324.95	65.16
For Colored Vinyl, Add	19.58	
For Tinted Glass, Add	23.49	
For Low-E Insulated Glass, Add	48.95	
For Obscure Glass, Add	53.84	
08 53 13 00-0392 EA 54" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	340.57	68.01
For Colored Vinyl, Add	20.46	
For Tinted Glass, Add	24.55	
For Low-E Insulated Glass, Add	51.14	
For Obscure Glass, Add	56.25	
08 53 13 00-0393 EA 60" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	356.03	71.44
For Colored Vinyl, Add	21.32	
For Tinted Glass, Add	25.58	
For Low-E Insulated Glass, Add	53.29	
For Obscure Glass, Add	58.62	
08 53 13 00-0394 EA 64" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	366.37	74.30
For Colored Vinyl, Add	21.89	
For Tinted Glass, Add	26.27	
For Low-E Insulated Glass, Add	54.73	
For Obscure Glass, Add	60.20	
08 53 13 00-0395 EA 72" x 24", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	387.09	78.30
For Colored Vinyl, Add	23.05	
For Tinted Glass, Add	27.66	
For Low-E Insulated Glass, Add	57.62	
For Obscure Glass, Add	63.38	
08 53 13 00-0396 36" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0397 EA 36" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	335.85	65.16
For Colored Vinyl, Add	20.67	
For Tinted Glass, Add	24.80	
For Low-E Insulated Glass, Add	51.67	
For Obscure Glass, Add	56.84	
08 53 13 00-0398 EA 48" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	369.33	72.01
For Colored Vinyl, Add	22.65	
For Tinted Glass, Add	27.17	
For Low-E Insulated Glass, Add	56.61	
For Obscure Glass, Add	62.27	
08 53 13 00-0399 EA 54" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	386.11	74.87
For Colored Vinyl, Add	23.64	
For Tinted Glass, Add	28.36	
For Low-E Insulated Glass, Add	59.09	
For Obscure Glass, Add	65.00	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 53 13 00-0400	EA	60" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	402.86	78.30
		<i>For Colored Vinyl, Add</i>		24.63	
		<i>For Tinted Glass, Add</i>		29.55	
		<i>For Low-E Insulated Glass, Add</i>		61.57	
		<i>For Obscure Glass, Add</i>		67.72	
08 53 13 00-0401	EA	64" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	414.04	80.02
		<i>For Colored Vinyl, Add</i>		25.29	
		<i>For Tinted Glass, Add</i>		30.34	
		<i>For Low-E Insulated Glass, Add</i>		63.22	
		<i>For Obscure Glass, Add</i>		69.54	
08 53 13 00-0402	EA	72" x 36", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	436.38	85.16
		<i>For Colored Vinyl, Add</i>		26.61	
		<i>For Tinted Glass, Add</i>		31.93	
		<i>For Low-E Insulated Glass, Add</i>		66.52	
		<i>For Obscure Glass, Add</i>		73.17	
08 53 13 00-0403		42" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>			
08 53 13 00-0404	EA	36" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	356.82	68.58
		<i>For Colored Vinyl, Add</i>		22.08	
		<i>For Tinted Glass, Add</i>		26.50	
		<i>For Low-E Insulated Glass, Add</i>		55.20	
		<i>For Obscure Glass, Add</i>		60.72	
08 53 13 00-0405	EA	48" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	391.54	75.44
		<i>For Colored Vinyl, Add</i>		24.18	
		<i>For Tinted Glass, Add</i>		29.02	
		<i>For Low-E Insulated Glass, Add</i>		60.45	
		<i>For Obscure Glass, Add</i>		66.50	
08 53 13 00-0406	EA	54" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	408.94	78.30
		<i>For Colored Vinyl, Add</i>		25.23	
		<i>For Tinted Glass, Add</i>		30.28	
		<i>For Low-E Insulated Glass, Add</i>		63.09	
		<i>For Obscure Glass, Add</i>		69.39	
08 53 13 00-0407	EA	60" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	426.30	81.73
		<i>For Colored Vinyl, Add</i>		26.28	
		<i>For Tinted Glass, Add</i>		31.54	
		<i>For Low-E Insulated Glass, Add</i>		65.71	
		<i>For Obscure Glass, Add</i>		72.28	
08 53 13 00-0408	EA	64" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	437.85	84.59
		<i>For Colored Vinyl, Add</i>		26.98	
		<i>For Tinted Glass, Add</i>		32.38	
		<i>For Low-E Insulated Glass, Add</i>		67.46	
		<i>For Obscure Glass, Add</i>		74.20	
08 53 13 00-0409	EA	72" x 42", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	461.02	88.59
		<i>For Colored Vinyl, Add</i>		28.39	
		<i>For Tinted Glass, Add</i>		34.06	
		<i>For Low-E Insulated Glass, Add</i>		70.96	
		<i>For Obscure Glass, Add</i>		78.06	
08 53 13 00-0410		44" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>			
08 53 13 00-0411	EA	36" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	363.81	69.73
		<i>For Colored Vinyl, Add</i>		22.55	
		<i>For Tinted Glass, Add</i>		27.06	
		<i>For Low-E Insulated Glass, Add</i>		56.38	
		<i>For Obscure Glass, Add</i>		62.01	
08 53 13 00-0412	EA	48" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	398.95	76.59
		<i>For Colored Vinyl, Add</i>		24.69	
		<i>For Tinted Glass, Add</i>		29.63	
		<i>For Low-E Insulated Glass, Add</i>		61.73	
		<i>For Obscure Glass, Add</i>		67.91	
08 53 13 00-0413	EA	54" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	416.52	79.44
		<i>For Colored Vinyl, Add</i>		25.76	
		<i>For Tinted Glass, Add</i>		30.92	
		<i>For Low-E Insulated Glass, Add</i>		64.41	
		<i>For Obscure Glass, Add</i>		70.85	
08 53 13 00-0414	EA	60" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	434.10	82.87
		<i>For Colored Vinyl, Add</i>		26.84	
		<i>For Tinted Glass, Add</i>		32.20	
		<i>For Low-E Insulated Glass, Add</i>		67.09	
		<i>For Obscure Glass, Add</i>		73.80	
08 53 13 00-0415	EA	64" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	445.82	85.73
		<i>For Colored Vinyl, Add</i>		27.55	
		<i>For Tinted Glass, Add</i>		33.06	
		<i>For Low-E Insulated Glass, Add</i>		68.88	
		<i>For Obscure Glass, Add</i>		75.76	
08 53 13 00-0416	EA	72" x 44", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	469.22	89.73
		<i>For Colored Vinyl, Add</i>		28.98	
		<i>For Tinted Glass, Add</i>		34.77	
		<i>For Low-E Insulated Glass, Add</i>		72.44	
		<i>For Obscure Glass, Add</i>		79.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0417 46" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0418 EA 36" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	370.81	70.87
For Colored Vinyl, Add	23.02	
For Tinted Glass, Add	27.63	
For Low-E Insulated Glass, Add	57.55	
For Obscure Glass, Add	63.31	
08 53 13 00-0419 EA 48" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	406.35	77.73
For Colored Vinyl, Add	25.20	
For Tinted Glass, Add	30.24	
For Low-E Insulated Glass, Add	63.01	
For Obscure Glass, Add	69.31	
08 53 13 00-0420 EA 54" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	424.12	80.58
For Colored Vinyl, Add	26.30	
For Tinted Glass, Add	31.55	
For Low-E Insulated Glass, Add	65.74	
For Obscure Glass, Add	72.31	
08 53 13 00-0421 EA 60" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	441.88	84.02
For Colored Vinyl, Add	27.39	
For Tinted Glass, Add	32.86	
For Low-E Insulated Glass, Add	68.46	
For Obscure Glass, Add	75.31	
08 53 13 00-0422 EA 64" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	453.73	86.87
For Colored Vinyl, Add	28.11	
For Tinted Glass, Add	33.74	
For Low-E Insulated Glass, Add	70.28	
For Obscure Glass, Add	77.31	
08 53 13 00-0423 EA 72" x 46", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	477.44	90.87
For Colored Vinyl, Add	29.57	
For Tinted Glass, Add	35.48	
For Low-E Insulated Glass, Add	73.93	
For Obscure Glass, Add	81.32	
 08 53 13 00-0424 48" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0425 EA 36" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	377.79	72.01
For Colored Vinyl, Add	23.49	
For Tinted Glass, Add	28.19	
For Low-E Insulated Glass, Add	58.73	
For Obscure Glass, Add	64.60	
08 53 13 00-0426 EA 48" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	413.76	78.87
For Colored Vinyl, Add	25.72	
For Tinted Glass, Add	30.86	
For Low-E Insulated Glass, Add	64.29	
For Obscure Glass, Add	70.72	
08 53 13 00-0427 EA 54" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	431.74	81.73
For Colored Vinyl, Add	26.83	
For Tinted Glass, Add	32.19	
For Low-E Insulated Glass, Add	67.07	
For Obscure Glass, Add	73.78	
08 53 13 00-0428 EA 60" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	449.69	85.16
For Colored Vinyl, Add	27.94	
For Tinted Glass, Add	33.52	
For Low-E Insulated Glass, Add	69.84	
For Obscure Glass, Add	76.83	
08 53 13 00-0429 EA 64" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	461.68	88.01
For Colored Vinyl, Add	28.68	
For Tinted Glass, Add	34.41	
For Low-E Insulated Glass, Add	71.70	
For Obscure Glass, Add	78.87	
08 53 13 00-0430 EA 72" x 48", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	485.67	92.02
For Colored Vinyl, Add	30.16	
For Tinted Glass, Add	36.20	
For Low-E Insulated Glass, Add	75.41	
For Obscure Glass, Add	82.95	
 08 53 13 00-0431 50" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0432 EA 36" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	384.79	73.15
For Colored Vinyl, Add	23.96	
For Tinted Glass, Add	28.75	
For Low-E Insulated Glass, Add	59.91	
For Obscure Glass, Add	65.90	
08 53 13 00-0433 EA 48" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	421.14	80.02
For Colored Vinyl, Add	26.23	
For Tinted Glass, Add	31.47	
For Low-E Insulated Glass, Add	65.56	
For Obscure Glass, Add	72.12	
08 53 13 00-0434 EA 54" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	439.31	82.87
For Colored Vinyl, Add	27.36	
For Tinted Glass, Add	32.83	
For Low-E Insulated Glass, Add	68.39	
For Obscure Glass, Add	75.23	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 53 13 00-0435	EA	60" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	457.49	86.30
		<i>For Colored Vinyl, Add</i>		28.49	
		<i>For Tinted Glass, Add</i>		34.19	
		<i>For Low-E Insulated Glass, Add</i>		71.22	
		<i>For Obscure Glass, Add</i>		78.34	
08 53 13 00-0436	EA	64" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	469.62	89.16
		<i>For Colored Vinyl, Add</i>		29.25	
		<i>For Tinted Glass, Add</i>		35.09	
		<i>For Low-E Insulated Glass, Add</i>		73.11	
		<i>For Obscure Glass, Add</i>		80.42	
08 53 13 00-0437	EA	72" x 50", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	493.87	93.16
		<i>For Colored Vinyl, Add</i>		30.76	
		<i>For Tinted Glass, Add</i>		36.91	
		<i>For Low-E Insulated Glass, Add</i>		76.89	
		<i>For Obscure Glass, Add</i>		84.58	
08 53 13 00-0438		52" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>			
08 53 13 00-0439	EA	36" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	391.78	74.30
		<i>For Colored Vinyl, Add</i>		24.43	
		<i>For Tinted Glass, Add</i>		29.32	
		<i>For Low-E Insulated Glass, Add</i>		61.08	
		<i>For Obscure Glass, Add</i>		67.19	
08 53 13 00-0440	EA	48" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	428.55	81.16
		<i>For Colored Vinyl, Add</i>		26.74	
		<i>For Tinted Glass, Add</i>		32.09	
		<i>For Low-E Insulated Glass, Add</i>		66.85	
		<i>For Obscure Glass, Add</i>		73.53	
08 53 13 00-0441	EA	54" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	446.92	84.02
		<i>For Colored Vinyl, Add</i>		27.89	
		<i>For Tinted Glass, Add</i>		33.47	
		<i>For Low-E Insulated Glass, Add</i>		69.72	
		<i>For Obscure Glass, Add</i>		76.69	
08 53 13 00-0442	EA	60" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	465.32	87.45
		<i>For Colored Vinyl, Add</i>		29.04	
		<i>For Tinted Glass, Add</i>		34.85	
		<i>For Low-E Insulated Glass, Add</i>		72.61	
		<i>For Obscure Glass, Add</i>		79.87	
08 53 13 00-0443	EA	64" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	477.57	90.30
		<i>For Colored Vinyl, Add</i>		29.81	
		<i>For Tinted Glass, Add</i>		35.77	
		<i>For Low-E Insulated Glass, Add</i>		74.53	
		<i>For Obscure Glass, Add</i>		81.98	
08 53 13 00-0444	EA	72" x 52", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	502.10	94.30
		<i>For Colored Vinyl, Add</i>		31.35	
		<i>For Tinted Glass, Add</i>		37.62	
		<i>For Low-E Insulated Glass, Add</i>		78.37	
		<i>For Obscure Glass, Add</i>		86.21	
08 53 13 00-0445		54" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>			
08 53 13 00-0446	EA	36" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	398.77	75.44
		<i>For Colored Vinyl, Add</i>		24.90	
		<i>For Tinted Glass, Add</i>		29.88	
		<i>For Low-E Insulated Glass, Add</i>		62.26	
		<i>For Obscure Glass, Add</i>		68.48	
08 53 13 00-0447	EA	48" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	435.94	82.30
		<i>For Colored Vinyl, Add</i>		27.25	
		<i>For Tinted Glass, Add</i>		32.70	
		<i>For Low-E Insulated Glass, Add</i>		68.12	
		<i>For Obscure Glass, Add</i>		74.93	
08 53 13 00-0448	EA	54" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	454.54	85.16
		<i>For Colored Vinyl, Add</i>		28.42	
		<i>For Tinted Glass, Add</i>		34.11	
		<i>For Low-E Insulated Glass, Add</i>		71.06	
		<i>For Obscure Glass, Add</i>		78.16	
08 53 13 00-0449	EA	60" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	473.12	88.59
		<i>For Colored Vinyl, Add</i>		29.60	
		<i>For Tinted Glass, Add</i>		35.51	
		<i>For Low-E Insulated Glass, Add</i>		73.99	
		<i>For Obscure Glass, Add</i>		81.39	
08 53 13 00-0450	EA	64" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	485.51	91.45
		<i>For Colored Vinyl, Add</i>		30.38	
		<i>For Tinted Glass, Add</i>		36.45	
		<i>For Low-E Insulated Glass, Add</i>		75.94	
		<i>For Obscure Glass, Add</i>		83.54	
08 53 13 00-0451	EA	72" x 54", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800)	.....	510.29	95.44
		<i>For Colored Vinyl, Add</i>		31.94	
		<i>For Tinted Glass, Add</i>		38.33	
		<i>For Low-E Insulated Glass, Add</i>		79.85	
		<i>For Obscure Glass, Add</i>		87.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 53 13 00-0452 60" Height, New Construction, Horizontal Sliding Vinyl Windows (Silver Line 2800) <small>(08 53 13 00-0381)</small>		
08 53 13 00-0453 EA 36" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	432.16	78.87
For Colored Vinyl, Add	27.56	
For Tinted Glass, Add	33.07	
For Low-E Insulated Glass, Add	68.89	
For Obscure Glass, Add	75.78	
08 53 13 00-0454 EA 48" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	458.15	85.73
For Colored Vinyl, Add	28.78	
For Tinted Glass, Add	34.54	
For Low-E Insulated Glass, Add	71.96	
For Obscure Glass, Add	79.15	
08 53 13 00-0455 EA 54" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	477.35	88.59
For Colored Vinyl, Add	30.02	
For Tinted Glass, Add	36.02	
For Low-E Insulated Glass, Add	75.05	
For Obscure Glass, Add	82.55	
08 53 13 00-0456 EA 60" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	496.54	92.02
For Colored Vinyl, Add	31.25	
For Tinted Glass, Add	37.50	
For Low-E Insulated Glass, Add	78.13	
For Obscure Glass, Add	85.94	
08 53 13 00-0457 EA 64" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	509.35	94.88
For Colored Vinyl, Add	32.07	
For Tinted Glass, Add	38.49	
For Low-E Insulated Glass, Add	80.19	
For Obscure Glass, Add	88.20	
08 53 13 00-0458 EA 72" x 60", New Construction, Horizontal Sliding Vinyl Window (Silver Line 2800).....	534.94	98.87
For Colored Vinyl, Add	33.72	
For Tinted Glass, Add	40.46	
For Low-E Insulated Glass, Add	84.30	
For Obscure Glass, Add	92.73	
08 53 13 00-0459 Replacement, Horizontal Sliding Vinyl Windows (Silver Line 8700) <small>(08 53 13 00-0380)</small>		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0460 EA Up To 73" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	436.98	60.01
For Colored Vinyl, Add	31.70	
For Tinted Glass, Add	38.04	
For Low-E Insulated Glass, Add	79.24	
For Obscure Glass, Add	87.16	
08 53 13 00-0461 EA >73" To 83" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	480.21	65.72
For Colored Vinyl, Add	34.88	
For Tinted Glass, Add	41.85	
For Low-E Insulated Glass, Add	87.19	
For Obscure Glass, Add	95.91	
08 53 13 00-0462 EA >83" To 93" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	520.63	71.44
For Colored Vinyl, Add	37.78	
For Tinted Glass, Add	45.33	
For Low-E Insulated Glass, Add	94.44	
For Obscure Glass, Add	103.88	
08 53 13 00-0463 EA >93" To 101" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	550.42	77.16
For Colored Vinyl, Add	39.61	
For Tinted Glass, Add	47.53	
For Low-E Insulated Glass, Add	99.03	
For Obscure Glass, Add	108.93	
08 53 13 00-0464 EA >101" To 110" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	581.73	82.87
For Colored Vinyl, Add	41.60	
For Tinted Glass, Add	49.92	
For Low-E Insulated Glass, Add	104.00	
For Obscure Glass, Add	114.40	
08 53 13 00-0465 EA >110" To 120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	630.97	88.59
For Colored Vinyl, Add	45.38	
For Tinted Glass, Add	54.46	
For Low-E Insulated Glass, Add	113.45	
For Obscure Glass, Add	124.80	
08 53 13 00-0466 UI >120" UI, Replacement, Horizontal Sliding Vinyl Window (Silver Line 8700).....	5.27	0.74
For Colored Vinyl, Add	0.38	
For Tinted Glass, Add	0.45	
For Low-E Insulated Glass, Add	0.95	
For Obscure Glass, Add	1.04	
08 53 13 00-0467 Basement Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0468 New Construction, Basement Vinyl Windows (Silver Line 5900) <small>(08 53 13 00-0467)</small>		
Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles.		
08 53 13 00-0469 EA 32" x 15", New Construction, Basement Vinyl Window (Silver Line 5900).....	259.53	45.72
For Colored Vinyl, Add	16.81	
For Tinted Glass, Add	20.17	
For Low-E Insulated Glass, Add	42.02	
For Obscure Glass, Add	46.22	

08 Openings**08 50 Windows****08 53 Plastic Windows**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 53 13 00-0470	EA	32" x 20", New Construction, Basement Vinyl Window (Silver Line 5900).....	279.13	45.72
		<i>For Colored Vinyl, Add</i>	18.77	
		<i>For Tinted Glass, Add</i>	22.52	
		<i>For Low-E Insulated Glass, Add</i>	46.92	
		<i>For Obscure Glass, Add</i>	51.61	
08 53 13 00-0471	EA	32" x 23", New Construction, Basement Vinyl Window (Silver Line 5900).....	290.34	45.72
		<i>For Colored Vinyl, Add</i>	19.89	
		<i>For Tinted Glass, Add</i>	23.87	
		<i>For Low-E Insulated Glass, Add</i>	49.72	
		<i>For Obscure Glass, Add</i>	54.69	
08 53 13 00-0472		Replacement, Basement Vinyl Windows <small>(08 53 13 00-0467)</small>		
		Note: Includes white solid vinyl interior and exterior, standard hardware, clear insulated glass and insect screen. Excludes grilles. Pricing calculated by the United Inch (the combined inches of one width and one height).		
08 53 13 00-0473	EA	Up To 47" UI, Replacement, Basement Vinyl Window.....	327.27	44.58
		<i>For Colored Vinyl, Add</i>	23.81	
		<i>For Tinted Glass, Add</i>	28.57	
		<i>For Low-E Insulated Glass, Add</i>	59.53	
		<i>For Obscure Glass, Add</i>	65.48	
08 53 13 00-0474	EA	>47" To 55" UI, Replacement, Basement Vinyl Window.....	364.79	51.44
		<i>For Colored Vinyl, Add</i>	26.19	
		<i>For Tinted Glass, Add</i>	31.43	
		<i>For Low-E Insulated Glass, Add</i>	65.48	
		<i>For Obscure Glass, Add</i>	72.03	
08 53 13 00-0475	UI	>55" UI, Replacement, Basement Vinyl Window.....	6.25	0.74
		<i>For Colored Vinyl, Add</i>	0.48	
		<i>For Tinted Glass, Add</i>	0.57	
		<i>For Low-E Insulated Glass, Add</i>	1.19	
		<i>For Obscure Glass, Add</i>	1.31	
08 53 13 00-0476		Accessories For Vinyl Windows <small>(08 53 13)</small>		
08 53 13 00-0477		Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0476)</small>		
08 53 13 00-0478		Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0477)</small>		
08 53 13 00-0479	EA	Up To 9 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	39.22	
08 53 13 00-0480	EA	>9 To 18 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	50.42	
08 53 13 00-0481	EA	>18 To 24 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	64.94	
08 53 13 00-0482	EA	>24 To 36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	76.65	
08 53 13 00-0483	EA	>36 SF Windows, Fixed Grille Installed Between Glass Panes, Factory Installed Grilles For Vinyl Windows.....	94.22	
08 53 13 00-0484		Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows <small>(08 53 13 00-0477)</small>		
08 53 13 00-0485	EA	Up To 9 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	89.13	
08 53 13 00-0486	EA	>9 To 18 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	106.96	
08 53 13 00-0487	EA	>18 To 24 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	134.97	
08 53 13 00-0488	EA	>24 To 36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	168.08	
08 53 13 00-0489	EA	>36 SF Windows, Fixed Exterior And Interior Grilles With Spacers, Factory Installed Grilles For Vinyl Windows.....	201.18	
08 53 66		Vinyl Window Screens <small>(08 53)</small>		
08 53 66 00-0001		Insect Screens For Vinyl Windows <small>(08 53 66)</small>		
08 53 66 00-0002	EA	Up To 6 SF, Insect Screen For Vinyl Windows.....	41.91	8.22
08 53 66 00-0003	EA	>6 To 9 SF, Insect Screen For Vinyl Windows.....	57.19	8.22
08 53 66 00-0004	EA	>9 To 12 SF, Insect Screen For Vinyl Windows.....	62.28	8.22
08 53 66 00-0005	EA	>12 To 15 SF, Insect Screen For Vinyl Windows.....	72.47	8.22
08 53 66 00-0006	EA	>15 To 20 SF, Insect Screen For Vinyl Windows.....	95.38	8.22
08 53 66 00-0007	EA	>20 To 25 SF, Insect Screen For Vinyl Windows.....	105.57	8.22
08 53 66 00-0008	EA	>25 To 30 SF, Insect Screen For Vinyl Windows.....	120.85	8.22
08 53 66 00-0009	EA	>30 To 35 SF, Insect Screen For Vinyl Windows.....	131.04	8.22
08 53 66 00-0010	SF	>35 SF, Insect Screen For Vinyl Windows.....	3.98	0.16
08 56		Special Function Windows <small>(08 50)</small>		
08 56 19		Pass Windows <small>(08 56)</small>		
08 56 19 00-0001		Bullet Resistant Pass Through Service Window, Steel Frame <small>(08 56 19)</small>		
		Note: Secure air passage for voice transmission; Natural Voice Transmission (NVR)		
08 56 19 00-0002	EA	24" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	5,723.57	627.28
		<i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i>	45.00	
		<i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	295.00	
08 56 19 00-0003	EA	30" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame.....	6,341.19	679.55
		<i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i>	60.00	
		<i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	370.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 19 00-0004 EA 36" x 36", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame <i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i> <i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	6,653.32 70.00 445.00	731.83
08 56 19 00-0005 EA 48" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame <i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i> <i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	8,367.56 100.00 650.00	836.37
08 56 19 00-0006 EA 72" x 40", Bullet Resistant Pass Through Service Window, 1.25" Acrylic Glazing Level I, Steel Frame <i>For 1.375" Acrylic Level II Bullet Resistant Glazing, Add</i> <i>For 1.25" Multi-Ply Polycarbonate Level III Bullet Resistant Glazing, Add</i>	11,171.11 150.00 975.00	1,254.56
 08 56 49 Radiation Shielding Windows <small>(08 56)</small>		
08 56 49 00-0001 Lead Lined Window Frames <small>(08 56 49)</small>		
08 56 49 00-0002 LF 1/8" Lead Lined, 16 Gauge Telescoping Window Frame	57.56	8.58
08 56 49 00-0003 LF 1/16" Lead Lined, 16 Gauge Telescoping Window Frame	50.98	8.58
 08 56 56 Security Window Screens <small>(08 56)</small>		
Note: Includes frame and mounting hardware. Operable security screens include hinges and related hardware.		
08 56 56 00-0001 Wire Mesh Security Screen <small>(08 56 56)</small>		
08 56 56 00-0002 Wire Mesh, Inoperable, Security Window Screen <small>(08 56 56 00-0001)</small>		
08 56 56 00-0003 SF 13 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	22.97	4.71
<i>For Painted Steel, Add</i>	1.67	
<i>For Galvanized Steel, Add</i>	3.34	
<i>For Aluminum, Add</i>	6.68	
<i>For Stainless Steel, Add</i>	29.23	
08 56 56 00-0004 SF 11 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	23.44	4.71
<i>For Painted Steel, Add</i>	1.72	
<i>For Galvanized Steel, Add</i>	3.43	
<i>For Aluminum, Add</i>	6.87	
<i>For Stainless Steel, Add</i>	30.05	
08 56 56 00-0005 SF 9 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	25.65	4.71
<i>For Painted Steel, Add</i>	1.94	
<i>For Galvanized Steel, Add</i>	3.88	
<i>For Aluminum, Add</i>	7.75	
<i>For Stainless Steel, Add</i>	33.92	
08 56 56 00-0006 SF 6 Gauge, Wire Mesh, Inoperable, Steel Security Window Screen	30.36	4.71
<i>For Painted Steel, Add</i>	2.41	
<i>For Galvanized Steel, Add</i>	4.82	
<i>For Aluminum, Add</i>	9.64	
<i>For Stainless Steel, Add</i>	42.16	
 08 56 56 00-0007 Wire Mesh, Operable, Security Window Screen <small>(08 56 56 00-0001)</small>		
08 56 56 00-0008 SF 13 Gauge, Wire Mesh, Operable, Steel Security Window Screen	32.14	5.75
<i>For Painted Steel, Add</i>	2.38	
<i>For Galvanized Steel, Add</i>	4.76	
<i>For Aluminum, Add</i>	9.51	
<i>For Stainless Steel, Add</i>	41.62	
08 56 56 00-0009 SF 11 Gauge, Wire Mesh, Operable, Steel Security Window Screen	32.87	5.75
<i>For Painted Steel, Add</i>	2.45	
<i>For Galvanized Steel, Add</i>	4.90	
<i>For Aluminum, Add</i>	9.80	
<i>For Stainless Steel, Add</i>	42.89	
08 56 56 00-0010 SF 9 Gauge, Wire Mesh, Operable, Steel Security Window Screen	36.03	5.75
<i>For Painted Steel, Add</i>	2.77	
<i>For Galvanized Steel, Add</i>	5.53	
<i>For Aluminum, Add</i>	11.07	
<i>For Stainless Steel, Add</i>	48.42	
08 56 56 00-0011 SF 6 Gauge, Wire Mesh, Operable, Steel Security Window Screen	42.63	5.75
<i>For Painted Steel, Add</i>	3.43	
<i>For Galvanized Steel, Add</i>	6.85	
<i>For Aluminum, Add</i>	13.71	
<i>For Stainless Steel, Add</i>	59.97	
 08 56 56 00-0012 Wire Cloth Security Screen <small>(08 56 56)</small>		
Note: Wire cloth has from 10 to 12 strands per 1".		
08 56 56 00-0013 Wire Cloth, Inoperable, Security Window Screens <small>(08 56 56 00-0012)</small>		
08 56 56 00-0014 SF 24 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	15.19	3.13
<i>For Painted Steel, Add</i>	0.50	
<i>For Galvanized Steel, Add</i>	1.49	
<i>For Aluminum, Add</i>	2.99	
<i>For Stainless Steel, Add</i>	12.45	
08 56 56 00-0015 SF 22 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	15.86	3.13
<i>For Painted Steel, Add</i>	0.53	
<i>For Galvanized Steel, Add</i>	1.59	
<i>For Aluminum, Add</i>	3.19	
<i>For Stainless Steel, Add</i>	13.29	

08 Openings**08 50 Windows****08 56 Special Function Windows**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0016	SF		20 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	16.91	3.13
			<i>For Painted Steel, Add</i>	0.58	
			<i>For Galvanized Steel, Add</i>	1.75	
			<i>For Aluminum, Add</i>	3.50	
			<i>For Stainless Steel, Add</i>	14.60	
08 56 56 00-0017	SF		18 Gauge, Wire Cloth, Inoperable, Steel Security Window Screen	18.92	3.13
			<i>For Painted Steel, Add</i>	0.68	
			<i>For Galvanized Steel, Add</i>	2.05	
			<i>For Aluminum, Add</i>	4.11	
			<i>For Stainless Steel, Add</i>	17.11	
08 56 56 00-0018			Wire Cloth, Operable, Security Window Screens <small>(08 56 56 00-0012)</small>		
08 56 56 00-0019	SF		24 Gauge, Wire Cloth, Operable, Steel Security Window Screen	20.46	4.18
			<i>For Painted Steel, Add</i>	0.71	
			<i>For Galvanized Steel, Add</i>	2.13	
			<i>For Aluminum, Add</i>	4.26	
			<i>For Stainless Steel, Add</i>	17.74	
08 56 56 00-0020	SF		22 Gauge, Wire Cloth, Operable, Steel Security Window Screen	21.49	4.18
			<i>For Painted Steel, Add</i>	0.76	
			<i>For Galvanized Steel, Add</i>	2.28	
			<i>For Aluminum, Add</i>	4.57	
			<i>For Stainless Steel, Add</i>	19.03	
08 56 56 00-0021	SF		20 Gauge, Wire Cloth, Operable, Steel Security Window Screen	22.93	4.18
			<i>For Painted Steel, Add</i>	0.83	
			<i>For Galvanized Steel, Add</i>	2.50	
			<i>For Aluminum, Add</i>	5.00	
			<i>For Stainless Steel, Add</i>	20.83	
08 56 56 00-0022	SF		18 Gauge, Wire Cloth, Operable, Steel Security Window Screen	25.80	4.18
			<i>For Painted Steel, Add</i>	0.98	
			<i>For Galvanized Steel, Add</i>	2.93	
			<i>For Aluminum, Add</i>	5.86	
			<i>For Stainless Steel, Add</i>	24.41	
08 56 56 00-0023			Expanded Metal Security Screen <small>(08 56 56)</small>		
			Note: Flattened or standard pattern. Dimension given is the short distance across the opening (SWO). The # designation is the pattern number of the expanded metal and is not the gauge.		
08 56 56 00-0024			Expanded Metal, Inoperable, Security Screen <small>(08 56 56 00-0023)</small>		
08 56 56 00-0025	SF		1/4" #18, Thickness 0.04" Expanded Metal, Inoperable, Steel Security Window Screen	28.84	7.84
			<i>For Painted Steel, Add</i>	0.97	
			<i>For Galvanized Steel, Add</i>	2.91	
			<i>For Aluminum, Add</i>	5.83	
			<i>For Stainless Steel, Add</i>	24.29	
08 56 56 00-0026	SF		1/2" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	33.71	9.41
			<i>For Painted Steel, Add</i>	1.11	
			<i>For Galvanized Steel, Add</i>	3.33	
			<i>For Aluminum, Add</i>	6.66	
			<i>For Stainless Steel, Add</i>	27.76	
08 56 56 00-0027	SF		3/4" #13, Thickness 0.07" Expanded Metal, Inoperable, Steel Security Window Screen	37.81	11.50
			<i>For Painted Steel, Add</i>	1.21	
			<i>For Galvanized Steel, Add</i>	3.63	
			<i>For Aluminum, Add</i>	7.27	
			<i>For Stainless Steel, Add</i>	30.28	
08 56 56 00-0028	SF		3/4" #9, Thickness 0.12" Expanded Metal, Inoperable, Steel Security Window Screen	44.40	13.59
			<i>For Painted Steel, Add</i>	1.38	
			<i>For Galvanized Steel, Add</i>	4.15	
			<i>For Aluminum, Add</i>	8.30	
			<i>For Stainless Steel, Add</i>	34.59	
08 56 56 00-0029	SF		1-1/2" #9, Thickness 0.11" Expanded Metal, Inoperable, Steel Security Window Screen	41.34	13.07
			<i>For Painted Steel, Add</i>	1.28	
			<i>For Galvanized Steel, Add</i>	3.85	
			<i>For Aluminum, Add</i>	7.70	
			<i>For Stainless Steel, Add</i>	32.08	
08 56 56 00-0030	SF		3 LB/SF Expanded Metal, Inoperable, Steel Security Window Screen	52.12	16.73
			<i>For Painted Steel, Add</i>	1.61	
			<i>For Galvanized Steel, Add</i>	4.84	
			<i>For Aluminum, Add</i>	9.68	
			<i>For Stainless Steel, Add</i>	40.33	
08 56 56 00-0031			Expanded Metal, Operable, Security Screen <small>(08 56 56 00-0023)</small>		
08 56 56 00-0032	SF		1/4" #18, Thickness 0.04" Expanded Metal, Operable, Steel Security Window Screen	35.89	9.41
			<i>For Painted Steel, Add</i>	1.22	
			<i>For Galvanized Steel, Add</i>	3.66	
			<i>For Aluminum, Add</i>	7.32	
			<i>For Stainless Steel, Add</i>	30.49	
08 56 56 00-0033	SF		1/2" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen	45.28	11.50
			<i>For Painted Steel, Add</i>	1.58	
			<i>For Galvanized Steel, Add</i>	4.75	
			<i>For Aluminum, Add</i>	9.51	
			<i>For Stainless Steel, Add</i>	39.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 56 00-0034 SF 3/4" #13, Thickness 0.07" Expanded Metal, Operable, Steel Security Window Screen.....	50.24	13.07
<i>For Painted Steel, Add</i>	1.73	
<i>For Galvanized Steel, Add</i>	5.18	
<i>For Aluminum, Add</i>	10.37	
<i>For Stainless Steel, Add</i>	43.20	
08 56 56 00-0035 SF 1-1/2" #9, Thickness 0.11" Expanded Metal, Operable, Steel Security Window Screen	54.35	14.63
<i>For Painted Steel, Add</i>	1.83	
<i>For Galvanized Steel, Add</i>	5.49	
<i>For Aluminum, Add</i>	10.97	
<i>For Stainless Steel, Add</i>	45.71	
08 56 56 00-0036 SF 3/4" #9, Thickness 0.12" Expanded Metal, Operable, Steel Security Window Screen.....	59.28	16.73
<i>For Painted Steel, Add</i>	1.97	
<i>For Galvanized Steel, Add</i>	5.91	
<i>For Aluminum, Add</i>	11.83	
<i>For Stainless Steel, Add</i>	49.28	
08 56 56 00-0037 SF 3 LB/SF Expanded Metal, Operable, Steel Security Window Screen	67.91	18.30
<i>For Painted Steel, Add</i>	2.30	
<i>For Galvanized Steel, Add</i>	6.89	
<i>For Aluminum, Add</i>	13.79	
<i>For Stainless Steel, Add</i>	57.44	
08 56 56 00-0038 Perforated Metal Security Screen (08 56 56)		
08 56 56 00-0039 Perforated Metal, Inoperable, Steel Security Window Screen (08 56 56 00-0038)		
08 56 56 00-0040 SF 22 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	25.61	4.71
<i>For Painted Steel, Add</i>	0.97	
<i>For Galvanized Steel, Add</i>	2.90	
<i>For Aluminum, Add</i>	5.80	
<i>For Stainless Steel, Add</i>	19.34	
08 56 56 00-0041 SF 20 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	26.37	4.71
<i>For Painted Steel, Add</i>	1.01	
<i>For Galvanized Steel, Add</i>	3.02	
<i>For Aluminum, Add</i>	6.03	
<i>For Stainless Steel, Add</i>	20.10	
08 56 56 00-0042 SF 18 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	28.96	4.71
<i>For Painted Steel, Add</i>	1.13	
<i>For Galvanized Steel, Add</i>	3.40	
<i>For Aluminum, Add</i>	6.81	
<i>For Stainless Steel, Add</i>	22.69	
08 56 56 00-0043 SF 16 Gauge Perforated Metal, 63% Openings, Inoperable, Steel Security Window Screen	33.84	4.71
<i>For Painted Steel, Add</i>	1.38	
<i>For Galvanized Steel, Add</i>	4.14	
<i>For Aluminum, Add</i>	8.27	
<i>For Stainless Steel, Add</i>	27.57	
08 56 56 00-0044 Perforated Metal, Operable, Steel Security Window Screen (08 56 56 00-0038)		
08 56 56 00-0045 SF 22 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	35.84	5.75
<i>For Painted Steel, Add</i>	1.37	
<i>For Galvanized Steel, Add</i>	4.12	
<i>For Aluminum, Add</i>	8.24	
<i>For Stainless Steel, Add</i>	27.48	
08 56 56 00-0046 SF 20 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	37.18	5.75
<i>For Painted Steel, Add</i>	1.44	
<i>For Galvanized Steel, Add</i>	4.32	
<i>For Aluminum, Add</i>	8.65	
<i>For Stainless Steel, Add</i>	28.82	
08 56 56 00-0047 SF 18 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	40.53	5.75
<i>For Painted Steel, Add</i>	1.61	
<i>For Galvanized Steel, Add</i>	4.83	
<i>For Aluminum, Add</i>	9.65	
<i>For Stainless Steel, Add</i>	32.17	
08 56 56 00-0048 SF 16 Gauge Perforated Metal, 63% Openings, Operable, Steel Security Window Screen	47.52	5.75
<i>For Painted Steel, Add</i>	1.96	
<i>For Galvanized Steel, Add</i>	5.87	
<i>For Aluminum, Add</i>	11.75	
<i>For Stainless Steel, Add</i>	39.16	
08 56 56 00-0049 Removal And Reinstallation Of Security Screens And Guards (08 56 56)		
08 56 56 00-0050 SF Removal And Reinstallation Of Security Screens.....	13.17	
08 56 59 Service and Teller Window Units (08 56)		
08 56 59 00-0001 Communicator For Window (08 56 59)		
08 56 59 00-0002 EA Electronic Two-Way Talk-thru Hands-Free Audio Communicator (Haven SC-350).....	2,556.34	209.10
Note: Communicator is designed for applications where a fire shutter or window shade is present. Two-way communication is accomplished through the use of speakers and micro-phones located on each side of the partition. The Master unit is equipped with a 15" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote Unit is window-mounted and may incorporate a level 3 bullet-resistive insert.		

08 Openings

08 50 Windows

08 56 Special Function Windows

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 56 59 00-0003	EA		Electronic Two-Way Audio Communicator (Haven SC-300)..... Note: Communicator is designed for application where a cutout in the barrier is impractical. Two-way communication is accomplished through the use of speakers and microphones located on each side of the partition. The master unit is equipped with a 20" gooseneck microphone, power on/off switch, power-on LED, and external volume controls. The Remote unit is vandal-resistant with all controls located within the housing.	2,221.44	209.10
08 56 59 00-0004	EA		Electronic Two-Way Talk-Thru Communication System (Norcon TTU-1).....	2,013.08	209.10
08 56 59 00-0005			Speak-Thru Communicator For Window <small>(08 56 59)</small>		
08 56 59 00-0006	EA		5-5/16" Diameter, Satin Anodized Aluminum, No-Draft Speak-Thru (CRL 834A)..... Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	149.13	
08 56 59 00-0007	EA		6-3/16" Diameter, Polished Stainless Steel, No-Draft Speak-Thru (Brixwell 834LPS)..... Note: Includes gaskets and mounting screws for installation on glass from 1/4" (6 mm) to 1/2" (12 mm) thick. Require a minimum hole diameter of 2-1/4" (57 mm), and will cover holes up to 4-1/4" (108 mm). Recommended hole diameter is 3-1/2" (89 mm).	221.67	
08 56 59 00-0008			Counter Drop-In Deal Tray <small>(08 56 59)</small>		
08 56 59 00-0009	EA		16" Wide x 10" Deep x 1-9/16" High, Brushed Stainless Steel, Standard Drop-In Deal Tray (CRL CTDB16).....	421.86	43.16

08 60 Roof Windows and Skylights (08)

Note: Includes hardware, caulk, sealant and necessary anchors.

08 62 Unit Skylights (08 60)**08 62 23 Tubular Skylights** (08 62)**08 62 23 00-0001 Aluminum Framed Solar Tube Skylights** (08 62 23)

Note: Includes knock down curb with safety security guard, class 1 hail rated double glazed skylight, light shaft top trim, reflective light well, T-bar ceiling frame, acrylic diffuser lens and lens clip.

08 62 23 00-0002 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights (08 62 23 00-0001)

08 62 23 00-0003	EA		2' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,267.76	181.37
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	1,002.19	
08 62 23 00-0004	EA		3' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,339.83	185.91
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	1,003.09	
08 62 23 00-0005	EA		4' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,409.79	190.44
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	1,004.00	
08 62 23 00-0006	EA		5' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,509.15	194.98
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	1,004.91	
08 62 23 00-0007	EA		6' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,595.92	199.52
			<i>For Class 3 Hail Rated, Add</i>	4.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
			<i>For FM Approved, Add</i>	20.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
			<i>For Single Blade Louver, Add</i>	1,005.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0008 EA 7' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,665.88	204.04
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,006.72	
08 62 23 00-0009 EA 8' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,735.83	208.58
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,007.63	
08 62 23 00-0010 EA 9' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,851.99	213.12
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,008.53	
08 62 23 00-0011 EA 10' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,921.97	217.65
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,009.44	
08 62 23 00-0012 EA 11' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	1,994.02	222.19
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,010.35	
08 62 23 00-0013 EA 12' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,063.99	226.72
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,011.25	
08 62 23 00-0014 EA 13' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,180.14	231.25
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,012.16	
08 62 23 00-0015 EA 14' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,250.11	235.79
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,013.07	
08 62 23 00-0016 EA 15' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,320.07	240.32
<i>For Class 3 Hail Rated, Add</i>	4.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	7.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	20.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	49.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	69.00	
<i>For Single Blade Louver, Add</i>	1,013.98	

08 Openings**08 60 Roof Windows and Skylights****08 62 Unit Skylights**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 62 23 00-0017	EA	16' Shaft Length, 31-5/8" x 31-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		2,390.03	244.86
		<i>For Class 3 Hail Rated, Add</i>		4.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		7.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		20.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		49.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		69.00	
		<i>For Single Blade Louver, Add</i>		1,014.88	
08 62 23 00-0018		31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 62 23 00-0001)</small>			
08 62 23 00-0019	EA	2' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		1,551.24	181.37
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,002.19	
08 62 23 00-0020	EA	3' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		1,650.60	185.91
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,003.09	
08 62 23 00-0021	EA	4' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		1,749.96	190.44
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,004.00	
08 62 23 00-0022	EA	5' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		1,849.32	194.98
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,004.91	
08 62 23 00-0023	EA	6' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		2,011.68	199.52
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,005.81	
08 62 23 00-0024	EA	7' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		2,111.04	204.04
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,006.72	
08 62 23 00-0025	EA	8' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		2,210.39	208.58
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,007.63	
08 62 23 00-0026	EA	9' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....		2,372.74	213.12
		<i>For Class 3 Hail Rated, Add</i>		5.00	
		<i>For Polycarbonate Diffuser Lens, Add</i>		8.00	
		<i>For High Velocity Hurricane Zone Rated, Add</i>		14.00	
		<i>For FM Approved, Add</i>		22.00	
		<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		50.00	
		<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>		86.00	
		<i>For Single Blade Louver, Add</i>		1,008.53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0027 EA 10' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,472.12	217.65
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,009.44	
08 62 23 00-0028 EA 11' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,571.47	222.19
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,010.35	
08 62 23 00-0029 EA 12' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,670.83	226.72
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,011.25	
08 62 23 00-0030 EA 13' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,833.17	231.25
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,012.16	
08 62 23 00-0031 EA 14' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,932.55	235.79
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,013.07	
08 62 23 00-0032 EA 15' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,031.91	240.32
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,013.98	
08 62 23 00-0033 EA 16' Shaft Length, 31-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,131.26	244.86
<i>For Class 3 Hail Rated, Add</i>	5.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	8.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	14.00	
<i>For FM Approved, Add</i>	22.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	50.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	86.00	
<i>For Single Blade Louver, Add</i>	1,014.88	
08 62 23 00-0034 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylights <small>(08 62 23 00-0001)</small>		
08 62 23 00-0035 EA 2' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,085.84	204.04
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,006.72	
08 62 23 00-0036 EA 3' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,225.09	208.58
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,007.63	

08 Openings**08 60 Roof Windows and Skylights****08 62 Unit Skylights**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0037	EA		4' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,366.45	213.12
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,008.53	
08 62 23 00-0038	EA		5' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,505.71	217.65
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,009.44	
08 62 23 00-0039	EA		6' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,728.95	222.19
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,010.35	
08 62 23 00-0040	EA		7' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	2,868.21	226.72
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,011.25	
08 62 23 00-0041	EA		8' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,007.46	231.25
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,012.16	
08 62 23 00-0042	EA		9' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,232.82	235.79
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,013.07	
08 62 23 00-0043	EA		10' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,372.07	240.32
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,013.98	
08 62 23 00-0044	EA		11' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,511.32	244.86
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,014.88	
08 62 23 00-0045	EA		12' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,650.58	249.39
			<i>For Class 3 Hail Rated, Add</i>	10.00	
			<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
			<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
			<i>For FM Approved, Add</i>	36.00	
			<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
			<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
			<i>For Single Blade Louver, Add</i>	1,015.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 62 23 00-0046 EA 13' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	3,873.84	253.92
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,016.70	
08 62 23 00-0047 EA 14' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,013.09	258.46
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,017.60	
08 62 23 00-0048 EA 15' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,154.44	263.00
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,018.51	
08 62 23 00-0049 EA 16' Shaft Length, 55-5/8" x 55-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Solar Tube Skylight.....	4,293.69	267.53
<i>For Class 3 Hail Rated, Add</i>	10.00	
<i>For Polycarbonate Diffuser Lens, Add</i>	14.00	
<i>For High Velocity Hurricane Zone Rated, Add</i>	22.00	
<i>For FM Approved, Add</i>	36.00	
<i>For 18 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	95.00	
<i>For 14 Gauge, Insulated Galvanized Steel Roof Curb, Add</i>	145.00	
<i>For Single Blade Louver, Add</i>	1,019.42	

08 63 Metal-Framed Skylights (08 60)

08 63 13 Domed Metal-Framed Skylights (08 63)

08 63 13 00-0001	Domed Aluminum Framed Skylights <small>(08 63 13)</small>		
08 63 13 00-0002	Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0001)</small>		
08 63 13 00-0003	Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>		
08 63 13 00-0004	Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0003)</small>		
	<small>Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.</small>		
08 63 13 00-0005 EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	688.48	122.43
08 63 13 00-0006 EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	817.45	131.49
08 63 13 00-0007 EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,073.53	145.10
08 63 13 00-0008 EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,199.84	154.16
08 63 13 00-0009 EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	856.04	131.49
08 63 13 00-0010 EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,048.16	145.10
08 63 13 00-0011 EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,133.63	154.16
08 63 13 00-0012 EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,274.70	163.24
08 63 13 00-0013 EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,464.57	176.85
08 63 13 00-0014 EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,067.82	154.16
08 63 13 00-0015 EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,149.52	158.70
08 63 13 00-0016 EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,278.87	163.24
08 63 13 00-0017 EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,376.47	167.77
08 63 13 00-0018 EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,513.37	181.37
08 63 13 00-0019 EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,680.93	190.44
08 63 13 00-0020 EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,247.10	163.24
08 63 13 00-0021 EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,351.10	172.31

08 Openings**08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 63 13 00-0022	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,506.94	176.85
08 63 13 00-0023	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,593.94	185.91
08 63 13 00-0024	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 1 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,814.47	194.98
08 63 13 00-0025		Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0003)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.					
08 63 13 00-0026	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		820.89	122.43
08 63 13 00-0027	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		947.21	131.49
08 63 13 00-0028	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,176.81	145.10
08 63 13 00-0029	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,305.76	154.16
08 63 13 00-0030	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		951.38	131.49
08 63 13 00-0031	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,122.31	145.10
08 63 13 00-0032	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,213.08	154.16
08 63 13 00-0033	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,364.74	163.24
08 63 13 00-0034	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,517.53	176.85
08 63 13 00-0035	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,141.97	154.16
08 63 13 00-0036	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,234.26	158.70
08 63 13 00-0037	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,323.89	163.24
08 63 13 00-0038	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,426.79	167.77
08 63 13 00-0039	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,539.85	181.37
08 63 13 00-0040	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,710.06	190.44
08 63 13 00-0041	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,334.49	163.24
08 63 13 00-0042	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,446.44	172.31
08 63 13 00-0043	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,562.55	176.85
08 63 13 00-0044	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,654.85	185.91
08 63 13 00-0045	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Class 3 Hail Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,854.19	194.98
08 63 13 00-0046		High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0003)</small>			
Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.					
08 63 13 00-0047	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		831.48	122.43
08 63 13 00-0048	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		968.39	131.49
08 63 13 00-0049	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,205.94	145.10
08 63 13 00-0050	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		977.86	131.49
08 63 13 00-0051	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,159.38	145.10
08 63 13 00-0052	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,242.21	154.16
08 63 13 00-0053	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,396.52	163.24
08 63 13 00-0054	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,165.81	154.16
08 63 13 00-0055	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,255.45	158.70
08 63 13 00-0056	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,358.32	163.24
08 63 13 00-0057	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,461.21	167.77
08 63 13 00-0058	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,582.22	181.37
08 63 13 00-0059	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight		1,366.26	163.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0060 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,488.81	172.31
08 63 13 00-0061 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,604.92	176.85
08 63 13 00-0062 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, High Velocity Hurricane Zone Rated, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight	1,697.22	185.91
08 63 13 00-0063 FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0003)</small>		
<small>Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.</small>		
08 63 13 00-0064 EA 27-1/4" x 27-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	850.02	122.43
08 63 13 00-0065 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	997.52	131.49
08 63 13 00-0066 EA 27-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,232.42	145.10
08 63 13 00-0067 EA 27-1/4" x 123-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,401.10	154.16
08 63 13 00-0068 EA 39-1/4" x 39-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,004.34	131.49
08 63 13 00-0069 EA 39-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,183.22	145.10
08 63 13 00-0070 EA 39-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,268.69	154.16
08 63 13 00-0071 EA 39-1/4" x 99-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,436.24	163.24
08 63 13 00-0072 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,194.94	154.16
08 63 13 00-0073 EA 51-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,284.58	158.70
08 63 13 00-0074 EA 51-1/4" x 75-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,395.39	163.24
08 63 13 00-0075 EA 51-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,500.94	167.77
08 63 13 00-0076 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,624.60	181.37
08 63 13 00-0077 EA 63-1/4" x 63-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,405.99	163.24
08 63 13 00-0078 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,528.53	172.31
08 63 13 00-0079 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,647.29	176.85
08 63 13 00-0080 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, FM Approved, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Fixed Dome, Aluminum Framed Skylight.....	1,744.89	185.91
08 63 13 00-0081 Curb Top Inserts <small>(08 63 13 00-0003)</small>		
<small>Note: For use with industrial style fixed dome skylights for better u-value and solar heat gain coefficient/shading coefficient (SHGC/SC) properties. Includes mill finish aluminum frame and acrylic or polycarbonate glazing. Excludes roof curb.</small>		
08 63 13 00-0082 Single Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0083 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	256.96	58.95
08 63 13 00-0084 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	340.53	68.01
08 63 13 00-0085 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	549.24	90.69
08 63 13 00-0086 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	507.67	81.62
08 63 13 00-0087 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Single Glazed, Aluminum Framed Curb Top Insert	608.04	90.69
08 63 13 00-0088 Double Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0089 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	343.05	58.95
08 63 13 00-0090 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	506.41	68.01
08 63 13 00-0091 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	849.51	90.69
08 63 13 00-0092 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	826.83	81.62
08 63 13 00-0093 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Double Glazed, Aluminum Framed Curb Top Insert.....	1,023.80	90.69
08 63 13 00-0094 Triple Glazed, Aluminum Framed Curb Top Inserts <small>(08 63 13 00-0081)</small>		
08 63 13 00-0095 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	427.05	58.95
08 63 13 00-0096 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	663.90	68.01
08 63 13 00-0097 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,219.08	90.69
08 63 13 00-0098 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,125.01	81.62
08 63 13 00-0099 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Triple Glazed, Aluminum Framed Curb Top Insert	1,410.16	90.69
08 63 13 00-0100 Pyramid Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>		
08 63 13 00-0101 Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0100)</small>		
<small>Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.</small>		

08 Openings**08 60 Roof Windows and Skylights**

08 63 Metal-Framed Skylights

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0102	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	640.81	122.43
08 63 13 00-0103	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	781.89	131.49
08 63 13 00-0104	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	993.67	154.16
08 63 13 00-0105	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight	1,217.97	163.24
08 63 13 00-0106		Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0100)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0107	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	847.37	122.43
08 63 13 00-0108	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	993.75	131.49
08 63 13 00-0109	EA	51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,186.99	154.16
08 63 13 00-0110	EA	63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Pyramid Style Fixed Dome, Aluminum Framed Skylight.....	1,395.39	163.24
08 63 13 00-0111		Double Hip Style Fixed Dome, Aluminum Framed Skylights <small>(08 63 13 00-0002)</small>		
08 63 13 00-0112		Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0111)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0113	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	738.79	122.43
08 63 13 00-0114	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	994.08	145.10
08 63 13 00-0115	EA	27-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,157.46	154.16
08 63 13 00-0116	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	947.53	145.10
08 63 13 00-0117	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,030.35	154.16
08 63 13 00-0118	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,216.44	163.24
08 63 13 00-0119	EA	39-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,408.96	176.85
08 63 13 00-0120	EA	51-1/4" x 63-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,078.02	158.70
08 63 13 00-0121	EA	51-1/4" x 75-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,175.59	163.24
08 63 13 00-0122	EA	51-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,281.13	167.77
08 63 13 00-0123	EA	52-1/4" x 100-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,396.85	181.37
08 63 13 00-0124	EA	52-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,622.67	190.44
08 63 13 00-0125	EA	63-5/8" x 75-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,321.97	172.31
08 63 13 00-0126	EA	63-1/4" x 87-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,467.22	176.85
08 63 13 00-0127	EA	63-1/4" x 99-5/8" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight	1,567.46	185.91
08 63 13 00-0128	EA	63-1/4" x 123-1/4" Inside Frame Dimensions, Acrylic/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,785.34	194.98
08 63 13 00-0129		Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0111)</small> Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.		
08 63 13 00-0130	EA	27-1/4" x 27-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	828.83	122.43
08 63 13 00-0131	EA	27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	960.45	131.49
08 63 13 00-0132	EA	27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,190.05	145.10
08 63 13 00-0133	EA	39-1/4" x 39-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	969.92	131.49
08 63 13 00-0134	EA	39-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,065.97	140.57
08 63 13 00-0135	EA	39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,143.49	145.10
08 63 13 00-0136	EA	39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,226.32	154.16
08 63 13 00-0137	EA	39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,383.28	163.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0138 EA 51-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,155.21	158.70
08 63 13 00-0139 EA 51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,244.85	158.70
08 63 13 00-0140 EA 51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,342.43	163.24
08 63 13 00-0141 EA 51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,442.67	167.77
08 63 13 00-0142 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,561.04	181.37
08 63 13 00-0143 EA 63-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,347.73	163.24
08 63 13 00-0144 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,470.27	172.31
08 63 13 00-0145 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,583.74	176.85
08 63 13 00-0146 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Acrylic Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,673.39	185.91
08 63 13 00-0147 Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight <small>(08 63 13 00-0111)</small>		
<small>Note: Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, weather sweep, curb seal tape and fasteners. Excludes roof curb.</small>		
08 63 13 00-0148 EA 27-1/4" x 51-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	952.50	131.49
08 63 13 00-0149 EA 27-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,224.47	145.10
08 63 13 00-0150 EA 39-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,172.63	145.10
08 63 13 00-0151 EA 39-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,260.74	154.16
08 63 13 00-0152 EA 39-1/4" x 99-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,425.65	163.24
08 63 13 00-0153 EA 51-1/4" x 63-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,276.63	158.70
08 63 13 00-0154 EA 51-1/4" x 75-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,382.15	163.24
08 63 13 00-0155 EA 51-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,490.34	167.77
08 63 13 00-0156 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,603.41	181.37
08 63 13 00-0157 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,517.94	172.31
08 63 13 00-0158 EA 63-1/4" x 87-1/4" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,636.70	176.85
08 63 13 00-0159 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Double Hip Style Fixed Dome, Aluminum Framed Skylight.....	1,731.65	185.91
08 63 13 00-0160 Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0001)</small>		
08 63 13 00-0161 Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0160)</small>		
<small>Note: UL listed or FM approved. Includes mill finish aluminum frame, integral condensation and weepage gutters, insulated thermal break, curb seal tape, weather sweep, fasteners, fusible link with a minimum temperature rating of 165 degrees, gas shocks and exterior manual release cable for testing.</small>		
08 63 13 00-0162 Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0161)</small>		
08 63 13 00-0163 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0162)</small>		
08 63 13 00-0164 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	3,637.23	181.37
08 63 13 00-0165 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	3,378.10	172.31
08 63 13 00-0166 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	3,814.66	181.37
08 63 13 00-0167 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0162)</small>		
08 63 13 00-0168 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	4,693.86	181.37
08 63 13 00-0169 EA 63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	4,445.33	172.31
08 63 13 00-0170 EA 63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	4,934.85	181.37
08 63 13 00-0171 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights <small>(08 63 13 00-0162)</small>		
08 63 13 00-0172 EA 52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight.....	4,998.40	181.37

08 Openings**08 60 Roof Windows and Skylights****08 63 Metal-Framed Skylights**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 63 13 00-0173	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,744.57	172.31
08 63 13 00-0174	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Acrylic/Acrylic Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,234.09	181.37
08 63 13 00-0175			Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0161)		
08 63 13 00-0176			10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0177	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,653.12	181.37
08 63 13 00-0178	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,393.99	172.31
08 63 13 00-0179	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 10 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	3,838.49	181.37
08 63 13 00-0180			25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0181	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,715.05	181.37
08 63 13 00-0182	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,461.22	172.31
08 63 13 00-0183	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 25 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,961.33	181.37
08 63 13 00-0184			30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylights (08 63 13 00-0175)		
08 63 13 00-0185	EA		52-1/4" x 100-1/4" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,014.29	181.37
08 63 13 00-0186	EA		63-5/8" x 75-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	4,760.46	172.31
08 63 13 00-0187	EA		63-1/4" x 99-5/8" Inside Frame Dimensions, 30 LB Uplift Rated, Polycarbonate/Polycarbonate Double Glazed Prismatic Lens, Industrial Style Smoke Vent Dome, Aluminum Framed Skylight	5,260.57	181.37
08 66 Wood-Framed Skylights (08 60)					
08 66 00 00-0001			Wood-Framed Skylights (Andersen 400 Series) (08 66)		
08 66 00 00-0002	EA		16-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	621.14	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	83.85	
			For Aluminum Shingle Flashing, Add	67.08	
08 66 00 00-0003	EA		16-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	634.83	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	87.27	
			For Aluminum Shingle Flashing, Add	69.81	
08 66 00 00-0004	EA		24-1/2" x 27", Domed, Wood-Framed Skylight (Andersen 400 Series).....	602.32	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	79.14	
			For Aluminum Shingle Flashing, Add	63.31	
08 66 00 00-0005	EA		24-1/2" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	645.10	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	89.84	
			For Aluminum Shingle Flashing, Add	71.87	
08 66 00 00-0006	EA		24-1/2" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	681.04	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	98.82	
			For Aluminum Shingle Flashing, Add	79.06	
08 66 00 00-0007	EA		24-1/2" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	739.21	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	113.36	
			For Aluminum Shingle Flashing, Add	90.69	
08 66 00 00-0008	EA		24-1/2" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	812.79	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	131.76	
			For Aluminum Shingle Flashing, Add	105.41	
08 66 00 00-0009	EA		27" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	602.32	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	79.14	
			For Aluminum Shingle Flashing, Add	63.31	
08 66 00 00-0010	EA		28" x 38", Domed, Wood-Framed Skylight (Andersen 400 Series).....	689.59	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	100.96	
			For Aluminum Shingle Flashing, Add	80.77	
08 66 00 00-0011	EA		28" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	739.21	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	113.36	
			For Aluminum Shingle Flashing, Add	90.69	
08 66 00 00-0012	EA		28" x 57", Domed, Wood-Framed Skylight (Andersen 400 Series).....	795.68	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	127.48	
			For Aluminum Shingle Flashing, Add	101.98	
08 66 00 00-0013	EA		28" x 72", Domed, Wood-Framed Skylight (Andersen 400 Series).....	870.97	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	146.30	
			For Aluminum Shingle Flashing, Add	117.04	
08 66 00 00-0014	EA		38" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	621.14	142.88
			For Tempered Laminated Low-E Insulated Glass, Add	83.85	
			For Aluminum Shingle Flashing, Add	67.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 66 00 00-0015 EA 38" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	645.10	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	89.84	
<i>For Aluminum Shingle Flashing, Add</i>	71.87	
08 66 00 00-0016 EA 38" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	689.59	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	100.96	
<i>For Aluminum Shingle Flashing, Add</i>	80.77	
08 66 00 00-0017 EA 44" x 46", Domed, Wood-Framed Skylight (Andersen 400 Series).....	847.02	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	140.32	
<i>For Aluminum Shingle Flashing, Add</i>	112.25	
08 66 00 00-0018 EA 46" x 16-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	634.83	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	87.27	
<i>For Aluminum Shingle Flashing, Add</i>	69.81	
08 66 00 00-0019 EA 46" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	681.04	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	98.82	
<i>For Aluminum Shingle Flashing, Add</i>	79.06	
08 66 00 00-0020 EA 46" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	739.21	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	113.36	
<i>For Aluminum Shingle Flashing, Add</i>	90.69	
08 66 00 00-0021 EA 46" x 44", Domed, Wood-Framed Skylight (Andersen 400 Series).....	847.02	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	140.32	
<i>For Aluminum Shingle Flashing, Add</i>	112.25	
08 66 00 00-0022 EA 57" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	739.21	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	113.36	
<i>For Aluminum Shingle Flashing, Add</i>	90.69	
08 66 00 00-0023 EA 57" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	795.68	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	127.48	
<i>For Aluminum Shingle Flashing, Add</i>	101.98	
08 66 00 00-0024 EA 72" x 24-1/2", Domed, Wood-Framed Skylight (Andersen 400 Series).....	812.79	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	131.76	
<i>For Aluminum Shingle Flashing, Add</i>	105.41	
08 66 00 00-0025 EA 72" x 28", Domed, Wood-Framed Skylight (Andersen 400 Series).....	870.97	142.88
<i>For Tempered Laminated Low-E Insulated Glass, Add</i>	146.30	
<i>For Aluminum Shingle Flashing, Add</i>	117.04	

08 70 Hardware (08)

08 71 Door Hardware (08 70)

08 71 11 Door Hardware (08 71)

Note: All hardware is ANSI/BHMA Grade 1 unless otherwise noted. See CSI section 08 05 13 00-0050 for removal and reinstallation of existing door where required for modifications.

08 71 11 00-0001	Hinges <small>(08 71 11)</small> Note: Unit of measure "PR" indicates that two (2) sets of hinges (top and bottom) are priced. For doors with three (3) sets of hinges (top, middle and bottom), use 1.5 pairs. Excludes mortise preparation for wood doors.		
08 71 11 00-0002	Brass/Bronze, Satin Chrome Finish Hinges <small>(08 71 11 00-0001)</small> Note: US26D (BHMA 626) satin chrome finish.		
08 71 11 00-0003	Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08 71 11 00-0002)</small> Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0004	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	86.98	8.00
	<i>For Clear Coated Bright Brass, Add</i>	6.26	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0005	PR 4" x 4" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	95.44	11.43
	<i>For Clear Coated Bright Brass, Add</i>	6.96	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0006	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	106.90	12.57
	<i>For Clear Coated Bright Brass, Add</i>	5.82	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0007	Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08 71 11 00-0002)</small> Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0008	PR 3-1/2" x 3-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	100.44	8.00
	<i>For Clear Coated Bright Brass, Add</i>	8.02	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0009	PR 4" x 4" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	114.46	11.43
	<i>For Clear Coated Bright Brass, Add</i>	8.02	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0010	PR 4-1/2" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	115.97	12.57
	<i>For Clear Coated Bright Brass, Add</i>	7.09	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0011	PR 5" x 4-1/2" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	135.46	14.86
	<i>For Clear Coated Bright Brass, Add</i>	8.30	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0012	PR 5" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	136.36	14.86
	<i>For Clear Coated Bright Brass, Add</i>	8.42	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0013	PR 6" x 5" Standard Duty, Full Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge.....	146.67	19.09
	<i>For Clear Coated Bright Brass, Add</i>	9.87	
	<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	

08 Openings**08 70 Hardware**

08 71 Door Hardware

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 71 11 00-0014		Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08 71 11 00-0002)</small>			
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.			
08 71 11 00-0015	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	114.26		8.00
08 71 11 00-0016	PR	4" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	128.27		11.43
08 71 11 00-0017	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	130.99		12.57
08 71 11 00-0018	PR	5" x 4", Standard Duty, Full Mortise, Concealed Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	152.03		14.86
08 71 11 00-0019		Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08 71 11 00-0002)</small>			
		Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.			
08 71 11 00-0020	PR	4-1/2" x 4-1/2" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	146.09		12.57
		For Clear Coated Bright Brass, Add	11.31		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0021	PR	5" x 4" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	165.85		14.86
		For Clear Coated Bright Brass, Add	12.55		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0022	PR	5" x 5" Standard Duty, Half Surface, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	184.82		14.86
		For Clear Coated Bright Brass, Add	15.21		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0023		Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinges <small>(08 71 11 00-0002)</small>			
		Note: Set into mortised edge of the door and surface applied to the face of the frame.			
08 71 11 00-0024	PR	4-1/2" x 4-1/2" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	149.85		12.57
		For Clear Coated Bright Brass, Add	11.83		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0025	PR	5" x 5" Standard Duty, Half Mortise, Ball Bearing, Brass/Bronze, Satin Chrome Finish Hinge	176.53		14.86
		For Clear Coated Bright Brass, Add	14.05		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0026		Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze Satin Chrome Finish Hinge <small>(08 71 11 00-0002)</small>			
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.			
08 71 11 00-0027	PR	4-1/2" x 4-1/2" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	145.31		12.57
		For Clear Coated Bright Brass, Add	11.20		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0028	PR	5" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	167.91		19.09
		For Clear Coated Bright Brass, Add	12.84		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0029	PR	6" x 5" Heavy Duty, Full Mortise, Plain Bearing, Brass/Bronze, Satin Chrome Finish Hinge	200.52		19.09
		For Clear Coated Bright Brass, Add	17.40		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0030		Mortised, Wrought Steel Hinges <small>(08 71 11 00-0001)</small>			
		Note: Clear coated, US 26D satin chrome finish (BHMA 652).			
08 71 11 00-0031		Full Mortise, Plain Bearing, Wrought Steel Hinges <small>(08 71 11 00-0030)</small>			
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.			
08 71 11 00-0032	PR	3-1/2" x 3-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	59.67		8.00
		For Primed For Paint Finish, Deduct	-3.31		
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.07		
		For Satin Brass Plated Clear Coated Finish, Deduct	-1.98		
		For Stainless Steel, Add	9.10		
		For Heavy Duty, Add	2.48		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0033	PR	4" x 4", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	75.40		11.43
		For Primed For Paint Finish, Deduct	-3.65		
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.28		
		For Satin Brass Plated Clear Coated Finish, Deduct	-2.19		
		For Stainless Steel, Add	10.04		
		For Heavy Duty, Add	2.74		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0034	PR	4-1/2" x 4-1/2", Standard Duty, Full Mortise, Plain Bearing, Wrought Steel Hinge	87.56		12.57
		For Primed For Paint Finish, Deduct	-4.45		
		For Bright Chrome Plated Finish US26 (BHMA 625), Add	2.78		
		For Satin Brass Plated Clear Coated Finish, Deduct	-2.67		
		For Stainless Steel, Add	12.23		
		For Heavy Duty, Add	3.34		
		For Pair Of Non-Removable Pins (NRP), Add	6.00		
08 71 11 00-0035		Full Mortise, Ball Bearing, Wrought Steel Hinges <small>(08 71 11 00-0030)</small>			
		Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.			

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-0036 PR 3-1/2" x 3-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	103.41	8.00
For Primed For Paint Finish, Deduct	-12.06	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	7.54	
For Satin Brass Plated Clear Coated Finish, Deduct	-7.23	
For Stainless Steel, Add	33.15	
For Heavy Duty, Add	9.04	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0037 PR 4" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	125.41	11.43
For Primed For Paint Finish, Deduct	-13.65	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	8.53	
For Satin Brass Plated Clear Coated Finish, Deduct	-8.19	
For Stainless Steel, Add	37.54	
For Heavy Duty, Add	10.24	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0038 PR 4-1/2" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	115.32	12.57
For Primed For Paint Finish, Deduct	-10.00	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	6.25	
For Satin Brass Plated Clear Coated Finish, Deduct	-6.00	
For Stainless Steel, Add	27.50	
For Heavy Duty, Add	7.50	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0039 PR 5" x 4", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	168.03	13.83
For Primed For Paint Finish, Deduct	-19.47	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	12.17	
For Satin Brass Plated Clear Coated Finish, Deduct	-11.68	
For Stainless Steel, Add	53.53	
For Heavy Duty, Add	14.60	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
For Extra Heavy Duty, Add	38.93	
08 71 11 00-0040 PR 5" x 4-1/2", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	176.00	14.86
For Primed For Paint Finish, Deduct	-19.96	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	12.48	
For Satin Brass Plated Clear Coated Finish, Deduct	-11.98	
For Stainless Steel, Add	54.89	
For Heavy Duty, Add	14.97	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0041 PR 5" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	190.08	14.86
For Primed For Paint Finish, Deduct	-22.78	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	14.24	
For Satin Brass Plated Clear Coated Finish, Deduct	-13.67	
For Stainless Steel, Add	62.63	
For Heavy Duty, Add	17.08	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0042 PR 6" x 5", Standard Duty, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	233.02	14.86
For Primed For Paint Finish, Deduct	-31.36	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	19.60	
For Satin Brass Plated Clear Coated Finish, Deduct	-18.82	
For Stainless Steel, Add	86.25	
For Heavy Duty, Add	23.52	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0043 Half Surface, Plain Bearing, Wrought Steel Hinges <small>(08 71 11 00-0030)</small>		
Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		
08 71 11 00-0044 PR 3-1/2" x 3-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	128.67	8.00
For Primed For Paint Finish, Deduct	-17.11	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	10.69	
For Satin Brass Plated Clear Coated Finish, Deduct	-10.26	
For Stainless Steel, Add	47.05	
For Heavy Duty, Add	12.83	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0045 PR 4" x 4", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	154.09	11.43
For Primed For Paint Finish, Deduct	-19.39	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	12.12	
For Satin Brass Plated Clear Coated Finish, Deduct	-11.63	
For Stainless Steel, Add	53.32	
For Heavy Duty, Add	14.54	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0046 PR 4-1/2" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge	173.67	12.57
For Primed For Paint Finish, Deduct	-21.67	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	13.54	
For Satin Brass Plated Clear Coated Finish, Deduct	-13.00	
For Stainless Steel, Add	59.59	
For Heavy Duty, Add	16.25	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0047 PR 5" x 4-1/2", Standard Duty, Half Surface, Plain Bearing, Wrought Steel Hinge.....	195.96	14.86
For Primed For Paint Finish, Deduct	-23.95	
For Bright Chrome Plated Finish US26 (BHMA 625), Add	14.97	
For Satin Brass Plated Clear Coated Finish, Deduct	-14.37	
For Stainless Steel, Add	65.87	
For Heavy Duty, Add	17.96	
For Pair Of Non-Removable Pins (NRP), Add	6.00	
08 71 11 00-0048 Half Surface, Ball Bearing, Wrought Steel Hinges <small>(08 71 11 00-0030)</small>		
Note: Surface mounted to the face of the door and set into mortised rabbet edge of the frame.		

08 Openings**08 70 Hardware**

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0049	PR		4" x 4", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	179.76	12.57
			<i>For Primed For Paint Finish, Deduct</i>	-24.52	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	15.33	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-14.71	
			<i>For Stainless Steel, Add</i>	67.44	
			<i>For Heavy Duty, Add</i>	18.39	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0050	PR		4-1/2" x 4-1/2", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge	200.99	12.57
			<i>For Primed For Paint Finish, Deduct</i>	-27.13	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	16.96	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-16.28	
			<i>For Stainless Steel, Add</i>	74.62	
			<i>For Heavy Duty, Add</i>	20.35	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0051	PR		5" x 5", Standard Duty, Half Surface, Ball Bearing, Wrought Steel Hinge.....	233.02	14.86
			<i>For Primed For Paint Finish, Deduct</i>	-31.36	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	19.60	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-18.82	
			<i>For Stainless Steel, Add</i>	86.25	
			<i>For Heavy Duty, Add</i>	23.52	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0052			Slide-In, Full Mortise, Ball Bearing, Wrought Steel Hinges (08 71 11 00-0030)		
			Note: Both leaves slide into a cavity prepared in the door and door frame.		
08 71 11 00-0053	PR		4-1/2" x 4-1/2", Standard Duty, Slide In, Full Mortise, Ball Bearing, Wrought Steel Hinge.....	168.57	12.57
			<i>For Primed For Paint Finish, Deduct</i>	-20.65	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	12.91	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-12.39	
			<i>For Stainless Steel, Add</i>	56.79	
			<i>For Heavy Duty, Add</i>	15.49	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0054			Blank Butt Hinges (08 71 11 00-0030)		
08 71 11 00-0055	PR		3-1/2" x 3-1/2" To 5" x 5", Blank Butt With Screws, Steel Hinge	33.58	5.14
			<i>For Primed For Paint Finish, Deduct</i>	-2.63	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	1.64	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-1.58	
			<i>For Stainless Steel, Add</i>	7.23	
			<i>For Heavy Duty, Add</i>	1.97	
			<i>For Pair Of Non-Removable Pins (NRP), Add</i>	6.00	
08 71 11 00-0056			Full Mortise, Single Acting Spring, Wrought Steel Hinges (08 71 11 00-0030)		
			Note: Set into the mortised edge of the door and mortised rabbet edge of the frame.		
08 71 11 00-0057	PR		3-1/2" x 3-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	141.75	8.00
			<i>For Primed For Paint Finish, Deduct</i>	-19.72	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	12.33	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-11.83	
			<i>For Stainless Steel, Add</i>	54.24	
08 71 11 00-0058	PR		4" x 4", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	186.15	11.43
			<i>For Primed For Paint Finish, Deduct</i>	-25.80	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	16.13	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-15.48	
			<i>For Stainless Steel, Add</i>	70.95	
08 71 11 00-0059	PR		4-1/2" x 4-1/2", Full Mortise, Single Acting Spring, Wrought Steel Hinge.....	255.08	12.57
			<i>For Primed For Paint Finish, Deduct</i>	-37.95	
			<i>For Bright Chrome Plated Finish US26 (BHMA 625), Add</i>	23.72	
			<i>For Satin Brass Plated Clear Coated Finish, Deduct</i>	-22.77	
			<i>For Stainless Steel, Add</i>	104.37	
08 71 11 00-0060			Offset And Pivot Hinges (08 71 11 00-0001)		
			Note: Satin chrome plated, US26D.		
08 71 11 00-0061			Offset Swing Clear Hinges (08 71 11 00-0050)		
			Note: For use on 1-3/8" and 1-3/4" doors. Allows doors to swing completely clear of the openings.		
08 71 11 00-0062	EA		4-1/2", Steel, Satin Chrome Finish, Swing Clear, Offset Hinges.....	227.31	3.56
08 71 11 00-0063	EA		4-1/2", Steel, Satin Chrome Finish, Full Mortise Swing Clear Hinge (Hager AB7501).....	198.68	3.56
08 71 11 00-0064	EA		5", Steel, Satin Chrome Finish, Full Mortise Swing Clear Hinge (Hager AB7501).....	198.68	3.56
08 71 11 00-0065			Offset Pivot Hinges (08 71 11 00-0060)		
08 71 11 00-0066			3/4" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0067			3/4" Offset Pivot Hinges (08 71 11 00-0066)		
08 71 11 00-0068			Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0067)		
08 71 11 00-0069			200 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0068)		
08 71 11 00-0070	EA		Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	142.52	11.43
08 71 11 00-0071	EA		Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	191.48	11.43
08 71 11 00-0072	EA		Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	218.69	11.43
08 71 11 00-0073	EA		Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	218.69	11.43
08 71 11 00-0074	EA		Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	218.69	11.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0075 EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	218.69	11.43
08 71 11 00-0076 EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7212 Top).....	218.69	11.43
08 71 11 00-0077 EA Painted Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	156.67	11.43
08 71 11 00-0078 EA Satin Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	199.12	11.43
08 71 11 00-0079 EA Bright Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	227.39	11.43
08 71 11 00-0080 EA Satin Brass Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	227.39	11.43
08 71 11 00-0081 EA Satin Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	227.39	11.43
08 71 11 00-0082 EA Dark Bronze Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	227.39	11.43
08 71 11 00-0083 EA Bright Chrome Finish, 200 LB Max Door Weight, Top Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212V Top).....	227.39	11.43
08 71 11 00-0084 EA Painted Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	142.52	11.43
08 71 11 00-0085 EA Satin Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	191.48	11.43
08 71 11 00-0086 EA Bright Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	218.69	11.43
08 71 11 00-0087 EA Satin Brass Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	218.69	11.43
08 71 11 00-0088 EA Satin Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	218.69	11.43
08 71 11 00-0089 EA Dark Bronze Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	218.69	11.43
08 71 11 00-0090 EA Bright Chrome Finish, 200 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7222 Top).....	218.69	11.43
08 71 11 00-0091 500 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0068)</small>		
08 71 11 00-0092 EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	148.23	14.29
08 71 11 00-0093 EA Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	197.19	14.29
08 71 11 00-0094 EA Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	224.40	14.29
08 71 11 00-0095 EA Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	224.40	14.29
08 71 11 00-0096 EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	224.40	14.29
08 71 11 00-0097 EA Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	224.40	14.29
08 71 11 00-0098 EA Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7215 Top).....	224.40	14.29
08 71 11 00-0099 600 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0068)</small>		
08 71 11 00-0100 EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	148.23	14.29
08 71 11 00-0101 EA Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	197.19	14.29
08 71 11 00-0102 EA Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	224.40	14.29
08 71 11 00-0103 EA Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	224.40	14.29
08 71 11 00-0104 EA Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	224.40	14.29
08 71 11 00-0105 EA Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	224.40	14.29
08 71 11 00-0106 EA Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7226 Top).....	224.40	14.29
08 71 11 00-0107 700 LB Max Door Weight, Top Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0068)</small>		
08 71 11 00-0108 EA Painted Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	148.23	14.29
08 71 11 00-0109 EA Satin Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	197.19	14.29
08 71 11 00-0110 EA Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	224.40	14.29
08 71 11 00-0111 EA Satin Brass Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	224.40	14.29
08 71 11 00-0112 EA Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	224.40	14.29
08 71 11 00-0113 EA Dark Bronze Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	224.40	14.29
08 71 11 00-0114 EA Bright Chrome Finish, 700 LB Max Door Weight, Top Header Mount, 3/4" Offset Pivot Hinge (Ives 7227 Top).....	224.40	14.29
08 71 11 00-0115 Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0067)</small>		
08 71 11 00-0116 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0115)</small>		
08 71 11 00-0117 EA Painted Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	177.34	11.43
08 71 11 00-0118 EA Satin Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	218.69	11.43
08 71 11 00-0119 EA Bright Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	248.06	11.43
08 71 11 00-0120 EA Satin Brass Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	248.06	11.43
08 71 11 00-0121 EA Satin Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	248.06	11.43
08 71 11 00-0122 EA Dark Bronze Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	248.06	11.43
08 71 11 00-0123 EA Bright Chrome Finish, 200 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7212-7212V-7222 INT).....	248.06	11.43
08 71 11 00-0124 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0115)</small>		
08 71 11 00-0125 EA Painted Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	197.19	14.29
08 71 11 00-0126 EA Satin Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	210.25	14.29
08 71 11 00-0127 EA Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	233.10	14.29
08 71 11 00-0128 EA Satin Brass Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	233.10	14.29
08 71 11 00-0129 EA Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	233.10	14.29
08 71 11 00-0130 EA Dark Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	233.10	14.29
08 71 11 00-0131 EA Bright Chrome Finish, 500 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7215 INT).....	233.10	14.29
08 71 11 00-0132 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0115)</small>		
08 71 11 00-0133 EA Painted Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	197.19	14.29
08 71 11 00-0134 EA Satin Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	210.25	14.29
08 71 11 00-0135 EA Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	233.10	14.29

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-0136	EA	Satin Brass Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	233.10		14.29
08 71 11 00-0137	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	233.10		14.29
08 71 11 00-0138	EA	Dark Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	233.10		14.29
08 71 11 00-0139	EA	Bright Chrome Finish, 600 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7226 INT).....	233.10		14.29
08 71 11 00-0140		700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0115)</small>			
08 71 11 00-0141	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	197.19		14.29
08 71 11 00-0142	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	210.25		14.29
08 71 11 00-0143	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	233.10		14.29
08 71 11 00-0144	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	233.10		14.29
08 71 11 00-0145	EA	Satin Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	233.10		14.29
08 71 11 00-0146	EA	Dark Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	233.10		14.29
08 71 11 00-0147	EA	Bright Chrome Finish, 700 LB Max Door Weight, Intermediate Mount, 3/4" Offset Pivot Hinge (Ives 7227 INT).....	233.10		14.29
08 71 11 00-0148		Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0067)</small>			
08 71 11 00-0149		200 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0148)</small>			
08 71 11 00-0150	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	156.67		11.43
08 71 11 00-0151	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	199.12		11.43
08 71 11 00-0152	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	227.39		11.43
08 71 11 00-0153	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	227.39		11.43
08 71 11 00-0154	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	227.39		11.43
08 71 11 00-0155	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	299.04		11.43
08 71 11 00-0156	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 BTM).....	227.39		11.43
08 71 11 00-0157	EA	Painted Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	156.67		11.43
08 71 11 00-0158	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	199.12		11.43
08 71 11 00-0159	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	227.39		11.43
08 71 11 00-0160	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	227.39		11.43
08 71 11 00-0161	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	227.39		11.43
08 71 11 00-0162	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	227.39		11.43
08 71 11 00-0163	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7212 VBTM).....	227.39		11.43
08 71 11 00-0164	EA	Painted Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	136.00		11.43
08 71 11 00-0165	EA	Satin Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	184.97		11.43
08 71 11 00-0166	EA	Bright Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	213.24		11.43
08 71 11 00-0167	EA	Satin Brass Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	213.24		11.43
08 71 11 00-0168	EA	Satin Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	213.24		11.43
08 71 11 00-0169	EA	Dark Bronze Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	213.24		11.43
08 71 11 00-0170	EA	Bright Chrome Finish, 200 LB Max Door Weight, Bottom Base Plate Mount, 3/4" Offset Pivot Hinge (Ives 7222 BTM).....	213.24		11.43
08 71 11 00-0171		500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0148)</small>			
08 71 11 00-0172	EA	Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	238.55		14.29
08 71 11 00-0173	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	253.77		14.29
08 71 11 00-0174	EA	Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	253.77		14.29
08 71 11 00-0175	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	253.77		14.29
08 71 11 00-0176	EA	Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	253.77		14.29
08 71 11 00-0177	EA	Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	253.77		14.29
08 71 11 00-0178	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7215 BTM).....	258.12		14.29
08 71 11 00-0179		600 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0148)</small>			
08 71 11 00-0180	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	204.83		14.29
08 71 11 00-0181	EA	Satin Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	224.40		14.29
08 71 11 00-0182	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	238.55		14.29
08 71 11 00-0183	EA	Satin Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	238.55		14.29
08 71 11 00-0184	EA	Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	238.55		14.29
08 71 11 00-0185	EA	Dark Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	238.55		14.29
08 71 11 00-0186	EA	Bright Chrome Finish, 600 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7226 BTM).....	238.55		14.29
08 71 11 00-0187		700 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0148)</small>			
08 71 11 00-0188	EA	Painted Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	470.26		14.29
08 71 11 00-0189	EA	Satin Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	505.07		14.29
08 71 11 00-0190	EA	Bright Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	560.57		14.29
08 71 11 00-0191	EA	Satin Brass Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	560.57		14.29
08 71 11 00-0192	EA	Satin Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	560.57		14.29
08 71 11 00-0193	EA	Dark Bronze Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	560.57		14.29
08 71 11 00-0194	EA	Bright Chrome Finish, 700 LB Max Door Weight, Bottom Jamb Mount, 3/4" Offset Pivot Hinge (Ives 7227 BTM).....	560.57		14.29
08 71 11 00-0195		Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0066)</small>			
08 71 11 00-0196		Top Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0195)</small>			
08 71 11 00-0197		500 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0196)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0198 EA Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	279.90	14.29
08 71 11 00-0199 EA Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	331.00	14.29
08 71 11 00-0200 EA Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	372.36	14.29
08 71 11 00-0201 EA Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	372.36	14.29
08 71 11 00-0202 EA Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F Top).....	372.36	14.29
08 71 11 00-0203 600 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0196)</small>		
08 71 11 00-0204 EA Painted Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	279.90	14.29
08 71 11 00-0205 EA Satin Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	331.00	14.29
08 71 11 00-0206 EA Bright Stainless Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	372.36	14.29
08 71 11 00-0207 EA Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	372.36	14.29
08 71 11 00-0208 EA Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F Top).....	372.36	14.29
08 71 11 00-0209 700 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0196)</small>		
08 71 11 00-0210 EA Painted Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	279.90	14.29
08 71 11 00-0211 EA Satin Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	331.00	14.29
08 71 11 00-0212 EA Bright Stainless Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	372.36	14.29
08 71 11 00-0213 EA Bright Brass Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	372.36	14.29
08 71 11 00-0214 EA Satin Bronze Finish, 700 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227F Top).....	372.36	14.29
08 71 11 00-0215 1,000 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0196)</small>		
08 71 11 00-0216 EA Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	294.30	17.15
08 71 11 00-0217 EA Satin Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	336.72	17.15
08 71 11 00-0218 EA Bright Stainless Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	356.32	17.15
08 71 11 00-0219 EA Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	356.32	17.15
08 71 11 00-0220 EA Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F Top).....	356.32	17.15
08 71 11 00-0221 1,750 LB Max Door Weight, Top Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0196)</small>		
08 71 11 00-0222 EA Painted Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	294.30	17.15
08 71 11 00-0223 EA Satin Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	336.72	17.15
08 71 11 00-0224 EA Bright Stainless Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	356.32	17.15
08 71 11 00-0225 EA Bright Brass Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	356.32	17.15
08 71 11 00-0226 EA Satin Bronze Finish, 1,750 LB Max Door Weight, Top Header Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F Top).....	356.32	17.15
08 71 11 00-0227 Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0195)</small>		
08 71 11 00-0228 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0227)</small>		
08 71 11 00-0229 EA Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	288.58	14.29
08 71 11 00-0230 EA Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	336.45	14.29
08 71 11 00-0231 EA Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	350.60	14.29
08 71 11 00-0232 EA Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	350.60	14.29
08 71 11 00-0233 EA Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215 FINT).....	350.60	14.29

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 71 11 00-0234		600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0227)</small>			
08 71 11 00-0235	EA	Painted Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	288.58		14.29
08 71 11 00-0236	EA	Satin Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	336.45		14.29
08 71 11 00-0237	EA	Bright Stainless Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	350.60		14.29
08 71 11 00-0238	EA	Bright Brass Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	350.60		14.29
08 71 11 00-0239	EA	Satin Bronze Finish, 600 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226 FINT)	350.60		14.29
08 71 11 00-0240		700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0227)</small>			
08 71 11 00-0241	EA	Painted Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	288.58		14.29
08 71 11 00-0242	EA	Satin Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	336.45		14.29
08 71 11 00-0243	EA	Bright Stainless Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	350.60		14.29
08 71 11 00-0244	EA	Bright Brass Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	350.60		14.29
08 71 11 00-0245	EA	Satin Bronze Finish, 700 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7227 FINT)	350.60		14.29
08 71 11 00-0246		1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0227)</small>			
08 71 11 00-0247	EA	Painted Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	322.60		17.15
08 71 11 00-0248	EA	Satin Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	371.54		17.15
08 71 11 00-0249	EA	Bright Stainless Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	384.59		17.15
08 71 11 00-0250	EA	Bright Brass Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	384.59		17.15
08 71 11 00-0251	EA	Satin Bronze Finish, 1,000 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230 FINT)	384.59		17.15
08 71 11 00-0252		1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0227)</small>			
08 71 11 00-0253	EA	Painted Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	322.60		17.15
08 71 11 00-0254	EA	Satin Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	371.54		17.15
08 71 11 00-0255	EA	Bright Stainless Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	384.59		17.15
08 71 11 00-0256	EA	Bright Brass Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	384.59		17.15
08 71 11 00-0257	EA	Satin Bronze Finish, 1,750 LB Max Door Weight, Intermediate Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237 FINT)	384.59		17.15
08 71 11 00-0258		Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0195)</small>			
08 71 11 00-0259		500 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0258)</small>			
08 71 11 00-0260	EA	Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	322.32		14.29
08 71 11 00-0261	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	399.56		14.29
08 71 11 00-0262	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	428.93		14.29
08 71 11 00-0263	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	428.93		14.29
08 71 11 00-0264	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7215F BTM)	428.93		14.29
08 71 11 00-0265		600 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges <small>(08 71 11 00-0258)</small>			
08 71 11 00-0266	EA	Painted Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	316.88		14.29
08 71 11 00-0267	EA	Satin Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	336.45		14.29
08 71 11 00-0268	EA	Bright Stainless Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	386.50		14.29
08 71 11 00-0269	EA	Bright Brass Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM)	386.50		14.29

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0270	EA		Satin Bronze Finish, 600 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7226F BTM).....	386.50	14.29
08 71 11 00-0271			1,000 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0258)		
08 71 11 00-0272	EA		Painted Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	363.93	17.15
08 71 11 00-0273	EA		Satin Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	405.28	17.15
08 71 11 00-0274	EA		Bright Stainless Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	420.50	17.15
08 71 11 00-0275	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	420.50	17.15
08 71 11 00-0276	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7230F BTM).....	420.50	17.15
08 71 11 00-0277			1,750 LB Max Door Weight, Bottom Mount, Fire Rated, 3/4" Offset Pivot Hinges (08 71 11 00-0258)		
08 71 11 00-0278	EA		Painted Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	517.33	17.15
08 71 11 00-0279	EA		Satin Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	552.14	17.15
08 71 11 00-0280	EA		Bright Stainless Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	566.29	17.15
08 71 11 00-0281	EA		Bright Brass Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	566.29	17.15
08 71 11 00-0282	EA		Satin Bronze Finish, 1,750 LB Max Door Weight, Bottom Jamb Mount, Fire Rated, 3/4" Offset Pivot Hinge (Ives 7237F BTM).....	566.29	17.15
08 71 11 00-0283			1-1/2" Offset Pivot Hinges (08 71 11 00-0065)		
08 71 11 00-0284			Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0283)		
08 71 11 00-0285			Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0284)		
08 71 11 00-0286			400 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0285)		
08 71 11 00-0287	EA		Painted Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	331.00	14.29
08 71 11 00-0288	EA		Satin Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	358.21	14.29
08 71 11 00-0289	EA		Bright Stainless Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	378.87	14.29
08 71 11 00-0290	EA		Bright Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	378.87	14.29
08 71 11 00-0291	EA		Satin Bronze Finish, 400 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 Top).....	378.87	14.29
08 71 11 00-0292			500 LB Max Door Weight, Top Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0285)		
08 71 11 00-0293	EA		Painted Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	331.00	14.29
08 71 11 00-0294	EA		Satin Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	358.21	14.29
08 71 11 00-0295	EA		Bright Stainless Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	378.87	14.29
08 71 11 00-0296	EA		Bright Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	378.87	14.29
08 71 11 00-0297	EA		Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 Top).....	378.87	14.29
08 71 11 00-0298			Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0284)		
08 71 11 00-0299			400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges (08 71 11 00-0298)		
08 71 11 00-0300	EA		Painted Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	344.06	14.29
08 71 11 00-0301	EA		Satin Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	386.50	14.29
08 71 11 00-0302	EA		Bright Stainless Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	407.17	14.29
08 71 11 00-0303	EA		Bright Brass Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	407.17	14.29
08 71 11 00-0304	EA		Satin Bronze Finish, 400 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 FINT).....	407.17	14.29

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 71 11 00-0305		500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0298)</small>		
08 71 11 00-0306	EA	Painted Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	344.06	14.29
08 71 11 00-0307	EA	Satin Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	386.50	14.29
08 71 11 00-0308	EA	Bright Stainless Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	407.17	14.29
08 71 11 00-0309	EA	Bright Brass Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	407.17	14.29
08 71 11 00-0310	EA	Satin Bronze Finish, 500 LB Max Door Weight, Intermediate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 FINT)	407.17	14.29
08 71 11 00-0311		Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0284)</small>		
08 71 11 00-0312		400 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0311)</small>		
08 71 11 00-0313	EA	Painted Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	336.45	14.29
08 71 11 00-0314	EA	Satin Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	386.50	14.29
08 71 11 00-0315	EA	Bright Stainless Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	407.17	14.29
08 71 11 00-0316	EA	Bright Brass Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	407.17	14.29
08 71 11 00-0317	EA	Satin Bronze Finish, 400 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7244 BTM)	407.17	14.29
08 71 11 00-0318		500 LB Max Door Weight, Bottom Mount, Fire Rated, 1-1/2" Offset Pivot Hinges <small>(08 71 11 00-0311)</small>		
08 71 11 00-0319	EA	Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	546.42	14.29
08 71 11 00-0320	EA	Satin Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	603.00	14.29
08 71 11 00-0321	EA	Bright Stainless Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	617.14	14.29
08 71 11 00-0322	EA	Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	617.14	14.29
08 71 11 00-0323	EA	Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Fire Rated, 1-1/2" Offset Pivot Hinge (Ives 7245 BTM)	617.14	14.29
08 71 11 00-0324		Center Hung Pivot Hinges <small>(08 71 11 00-0060)</small>		
08 71 11 00-0325		Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0324)</small>		
08 71 11 00-0326		300 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0325)</small>		
08 71 11 00-0327	EA	Painted Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	170.82	11.43
08 71 11 00-0328	EA	Satin Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	184.97	11.43
08 71 11 00-0329	EA	Bright Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	184.97	11.43
08 71 11 00-0330	EA	Satin Brass Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	184.97	11.43
08 71 11 00-0331	EA	Satin Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	184.97	11.43
08 71 11 00-0332	EA	Dark Bronze Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	184.97	11.43
08 71 11 00-0333	EA	Bright Chrome Finish, 300 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7253 Top)	184.97	11.43
08 71 11 00-0334		500 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0325)</small>		
08 71 11 00-0335	EA	Painted Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	176.53	14.29
08 71 11 00-0336	EA	Satin Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	190.68	14.29
08 71 11 00-0337	EA	Bright Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	190.68	14.29
08 71 11 00-0338	EA	Satin Brass Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	190.68	14.29
08 71 11 00-0339	EA	Satin Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	190.68	14.29
08 71 11 00-0340	EA	Dark Bronze Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	190.68	14.29
08 71 11 00-0341	EA	Bright Chrome Finish, 500 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7255 Top)	190.68	14.29
08 71 11 00-0342		600 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0325)</small>		
08 71 11 00-0343	EA	Painted Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	176.53	14.29
08 71 11 00-0344	EA	Satin Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	190.68	14.29
08 71 11 00-0345	EA	Bright Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	190.68	14.29
08 71 11 00-0346	EA	Satin Brass Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	190.68	14.29
08 71 11 00-0347	EA	Satin Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	190.68	14.29
08 71 11 00-0348	EA	Dark Bronze Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	190.68	14.29
08 71 11 00-0349	EA	Bright Chrome Finish, 600 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7256 Top)	190.68	14.29
08 71 11 00-0350		1,000 LB Max Door Weight, Top Mount, Center Hung Pivot Hinges <small>(08 71 11 00-0325)</small>		
08 71 11 00-0351	EA	Painted Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	280.15	17.15
08 71 11 00-0352	EA	Satin Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top)	328.04	17.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0353	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	378.08	17.15
08 71 11 00-0354	EA		Satin Brass Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	378.08	17.15
08 71 11 00-0355	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	378.08	17.15
08 71 11 00-0356	EA		Dark Bronze Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	378.08	17.15
08 71 11 00-0357	EA		Bright Chrome Finish, 1,000 LB Max Door Weight, Top Header Mount, Center Hung Pivot Hinge (Ives 7259 Top).....	378.08	17.15
08 71 11 00-0358			Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0324)		
08 71 11 00-0359			300 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0356)		
08 71 11 00-0360	EA		Painted Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	129.47	11.43
08 71 11 00-0361	EA		Satin Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	150.15	11.43
08 71 11 00-0362	EA		Bright Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	170.82	11.43
08 71 11 00-0363	EA		Satin Brass Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	170.82	11.43
08 71 11 00-0364	EA		Satin Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	170.82	11.43
08 71 11 00-0365	EA		Dark Bronze Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	170.82	11.43
08 71 11 00-0366	EA		Bright Chrome Finish, 300 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7253 BTM).....	170.82	11.43
08 71 11 00-0367			500 LB Max Door Weight, Bottom Mount, 3/4" Offset Pivot Hinges (08 71 11 00-0358)		
08 71 11 00-0368	EA		Painted Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	190.68	14.29
08 71 11 00-0369	EA		Satin Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	197.19	14.29
08 71 11 00-0370	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	197.19	14.29
08 71 11 00-0371	EA		Satin Brass Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	197.19	14.29
08 71 11 00-0372	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	197.19	14.29
08 71 11 00-0373	EA		Dark Bronze Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	197.19	14.29
08 71 11 00-0374	EA		Bright Chrome Finish, 500 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7255 BTM).....	197.19	14.29
08 71 11 00-0375	EA		Painted Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	190.68	14.29
08 71 11 00-0376	EA		Satin Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	197.19	14.29
08 71 11 00-0377	EA		Bright Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	197.19	14.29
08 71 11 00-0378	EA		Satin Brass Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	197.19	14.29
08 71 11 00-0379	EA		Satin Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	197.19	14.29
08 71 11 00-0380	EA		Dark Bronze Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	197.19	14.29
08 71 11 00-0381	EA		Bright Chrome Finish, 500 LB Max Door Weight, Bottom Jamb Mount, Center Hung Pivot Hinge (Ives 7255 JBTM).....	197.19	14.29
08 71 11 00-0382			600 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0358)		
08 71 11 00-0383	EA		Painted Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	386.50	14.29
08 71 11 00-0384	EA		Satin Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	407.17	14.29
08 71 11 00-0385	EA		Bright Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	428.93	14.29
08 71 11 00-0386	EA		Satin Brass Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	428.93	14.29
08 71 11 00-0387	EA		Satin Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	428.93	14.29
08 71 11 00-0388	EA		Dark Bronze Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	428.93	14.29
08 71 11 00-0389	EA		Bright Chrome Finish, 600 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7256 BTM).....	428.93	14.29
08 71 11 00-0390			1,000 LB Max Door Weight, Bottom Mount, Center Hung Pivot Hinges (08 71 11 00-0358)		
08 71 11 00-0391	EA		Painted Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	713.16	17.15
08 71 11 00-0392	EA		Satin Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	733.82	17.15
08 71 11 00-0393	EA		Bright Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	762.12	17.15
08 71 11 00-0394	EA		Satin Brass Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	762.12	17.15
08 71 11 00-0395	EA		Satin Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	762.12	17.15
08 71 11 00-0396	EA		Dark Bronze Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	762.12	17.15
08 71 11 00-0397	EA		Bright Chrome Finish, 1,000 LB Max Door Weight, Bottom Base Plate Mount, Center Hung Pivot Hinge (Ives 7259 BTM).....	762.12	17.15
08 71 11 00-0398			Continuous Barrel-Type Hinge (08 71 11 00-0001)		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0399	LF		1-1/2" Wide, Steel, Continuous Barrel-Type Hinge.....	32.54	4.57
			<i>For Stainless Steel, Add</i>	7.84	
			<i>For Brass Or Nickel, Add</i>	8.55	
			<i>For Aluminum, Add</i>	2.79	
			<i>For Medium Gauge, Deduct</i>	-2.85	
08 71 11 00-0400	LF		2" Wide, Steel, Continuous Barrel-Type Hinge.....	33.49	4.57
			<i>For Stainless Steel, Add</i>	8.36	
			<i>For Brass Or Nickel, Add</i>	9.12	
			<i>For Aluminum, Add</i>	2.98	
			<i>For Medium Gauge, Deduct</i>	-3.04	
08 71 11 00-0401	LF		2-1/2" Wide, Steel, Continuous Barrel-Type Hinge.....	35.39	4.57
			<i>For Stainless Steel, Add</i>	9.41	
			<i>For Brass Or Nickel, Add</i>	10.26	
			<i>For Aluminum, Add</i>	3.35	
			<i>For Medium Gauge, Deduct</i>	-3.42	
08 71 11 00-0402	LF		3" Wide, Steel, Continuous Barrel-Type Hinge.....	37.54	4.57
			<i>For Stainless Steel, Add</i>	10.59	
			<i>For Brass Or Nickel, Add</i>	11.55	
			<i>For Aluminum, Add</i>	3.77	
			<i>For Medium Gauge, Deduct</i>	-3.85	
08 71 11 00-0403			Continuous Geared Hinges (08 71 11 00-0001)		
08 71 11 00-0404	LF		Half Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-053).....	60.11	4.57
			<i>For Bronze Finish, Add</i>	15.68	
			<i>For Heavy Duty, Add</i>	11.17	
08 71 11 00-0405	LF		Full Surface, Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-057).....	65.00	4.57
			<i>For Bronze Finish, Add</i>	17.52	
			<i>For Heavy Duty, Add</i>	12.48	
08 71 11 00-0406	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Standard Duty (Roton 780-112).....	40.49	4.57
			<i>For Bronze Finish, Add</i>	8.33	
08 71 11 00-0407	LF		Concealed (Full Mortise), Aluminum Geared Continuous Hinge, Heavy Duty (Roton 780-112HD).....	47.58	4.57
			<i>For Bronze Finish, Add</i>	10.98	
08 71 11 00-0408			Mortised, Primed Steel, Double Acting Spring Hinges (08 71 11 00-0001)		
08 71 11 00-0409	PR		2", Mortised, Primed Steel, Double Acting Spring Hinge.....	170.65	8.00
			<i>For Satin Brass, Add</i>	31.35	
08 71 11 00-0410	PR		3", Mortised, Primed Steel, Double Acting Spring Hinge.....	182.14	10.29
			<i>For Satin Brass, Add</i>	31.37	
08 71 11 00-0411	PR		4", Mortised, Primed Steel, Double Acting Spring Hinge.....	200.70	12.57
			<i>For Satin Brass, Add</i>	33.08	
08 71 11 00-0412	PR		5", Mortised, Primed Steel, Double Acting Spring Hinge.....	264.98	14.86
			<i>For Satin Brass, Add</i>	45.76	
08 71 11 00-0413	PR		6", Mortised, Primed Steel, Double Acting Spring Hinge.....	295.74	17.15
			<i>For Satin Brass, Add</i>	50.40	
08 71 11 00-0414	PR		7", Mortised, Primed Steel, Double Acting Spring Hinge.....	357.30	19.43
			<i>For Satin Brass, Add</i>	62.43	
08 71 11 00-0415	PR		8", Mortised, Primed Steel, Double Acting Spring Hinge.....	491.21	54.30
			<i>For Satin Brass, Add</i>	91.83	
08 71 11 00-0416			Security Hinges (08 71 11 00-0001)		
08 71 11 00-0417	EA		4-1/2" x 4-1/2", Non-Removable Pin, Full Mortise, Ball Bearing, Steel Security Hinge.....	41.17	8.00
08 71 11 00-0418			Concealed Circuit Electric Hinge Option (08 71 11 00-0001)		
			Note: Excludes the hinge. These tasks are used in conjunction with other hinges in the Construction Task Catalog® to electrify the hinge.		
08 71 11 00-0419	EA		4 Wire Concealed Circuit Electric Hinge Option.....	299.63	
08 71 11 00-0420	EA		6 Wire Concealed Circuit Electric Hinge Option.....	353.76	
08 71 11 00-0421	EA		8 Wire Concealed Circuit Electric Hinge Option.....	407.89	
08 71 11 00-0422			Hinge Filler Plates For Door Frames (08 71 11 00-0001)		
08 71 11 00-0423	PR		Hinge Filler Plates For Door Frames.....	21.23	5.72
08 71 11 00-0424			Full Surface Swing Clear Pin And Barrel Hinge (08 71 11 00-0001)		
08 71 11 00-0425	LF		83-1/8", Satin Stainless Steel Finish, Full Surface Swing Clear Pin And Barrel Hinge (Marker FS/SC309SS-83).....	914.25	31.55
08 71 11 00-0426	LF		95", Satin Stainless Steel Finish, Full Surface Swing Clear Pin And Barrel Hinge (Marker FS/SC309SS-95).....	1,044.08	35.89
08 71 11 00-0427			Door Trim (08 71 11)		
08 71 11 00-0428			Floor Stops, Wall Stops And Bumpers (08 71 11 00-0427)		
08 71 11 00-0429			Floor Stops (08 71 11 00-0428)		
08 71 11 00-0430			Aluminum Floor Stops (08 71 11 00-0429)		
08 71 11 00-0431	EA		1-5/16" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS430).....	32.30	14.29
08 71 11 00-0432	EA		1" Overall Height, 3/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS436).....	36.01	14.29
08 71 11 00-0433	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Aluminum Finish, Aluminum Dome Floor Stop (Ives FS438).....	37.43	14.29
08 71 11 00-0434	EA		2-1/8" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS441).....	58.96	14.29

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	08 71 11 00-0435	EA		3" Overall Height, Satin Aluminum Finish, Aluminum Floor Stop (Ives FS444/448)	61.54	14.29
	08 71 11 00-0436			Brass Floor Stops <small>(08 71 11 00-0429)</small>		
	08 71 11 00-0437	EA		1" Overall Height, 3/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS436)	36.53	14.29
	08 71 11 00-0438	EA		1" Overall Height, 3/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS436)	37.95	14.29
	08 71 11 00-0439	EA		1" Overall Height, 3/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS436)	37.95	14.29
	08 71 11 00-0440	EA		1" Overall Height, 3/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS436)	38.50	14.29
	08 71 11 00-0441	EA		1" Overall Height, 3/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS436)	39.22	14.29
	08 71 11 00-0442	EA		1" Overall Height, 3/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS436)	39.22	14.29
	08 71 11 00-0443	EA		1" Overall Height, 3/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS436)	39.22	14.29
	08 71 11 00-0444	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS438)	37.43	14.29
	08 71 11 00-0445	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS438)	39.57	14.29
	08 71 11 00-0446	EA		1-3/8" Overall Height, 9/16" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS438)	39.57	14.29
	08 71 11 00-0447	EA		1-3/8" Overall Height, 9/16" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS438)	40.41	14.29
	08 71 11 00-0448	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS438)	41.13	14.29
	08 71 11 00-0449	EA		1-3/8" Overall Height, 9/16" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS438)	41.13	14.29
	08 71 11 00-0450	EA		1-3/8" Overall Height, 9/16" Base Height, Satin Nickel Finish, Brass Dome Floor Stop (Ives FS438)	44.52	14.29
	08 71 11 00-0451	EA		1" Overall Height, 5/32" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS13)	39.71	14.29
	08 71 11 00-0452	EA		1" Overall Height, 5/32" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS13)	39.71	14.29
	08 71 11 00-0453	EA		1" Overall Height, 5/32" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS13)	42.06	14.29
	08 71 11 00-0454	EA		1" Overall Height, 5/32" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS13)	42.06	14.29
	08 71 11 00-0455	EA		1" Overall Height, 5/32" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS13)	42.06	14.29
	08 71 11 00-0456	EA		1" Overall Height, 5/32" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS13)	42.06	14.29
	08 71 11 00-0457	EA		1-11/32" Overall Height, 1/2" Base Height, Satin Chrome Finish, Brass Dome Floor Stop (Ives FS17)	41.34	14.29
	08 71 11 00-0458	EA		1-11/32" Overall Height, 1/2" Base Height, Bright Brass Finish, Brass Dome Floor Stop (Ives FS17)	41.34	14.29
	08 71 11 00-0459	EA		1-11/32" Overall Height, 1/2" Base Height, Bright Chrome Finish, Brass Dome Floor Stop (Ives FS17)	43.62	14.29
	08 71 11 00-0460	EA		1-11/32" Overall Height, 1/2" Base Height, Satin Brass Finish, Brass Dome Floor Stop (Ives FS17)	43.62	14.29
	08 71 11 00-0461	EA		1-11/32" Overall Height, 1/2" Base Height, Satin Bronze Finish, Brass Dome Floor Stop (Ives FS17)	43.62	14.29
	08 71 11 00-0462	EA		1-11/32" Overall Height, 1/2" Base Height, Dark Bronze Finish, Brass Dome Floor Stop (Ives FS17)	43.62	14.29
	08 71 11 00-0463	EA		2-1/8" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS441)	61.05	14.29
	08 71 11 00-0464	EA		2-1/8" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS441)	62.06	14.29
	08 71 11 00-0465	EA		2-1/8" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS441)	64.52	14.29
	08 71 11 00-0466	EA		2-1/8" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS441)	66.52	14.29
	08 71 11 00-0467	EA		2-1/8" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS441)	66.52	14.29
	08 71 11 00-0468	EA		2-1/8" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS441)	74.65	14.29
	08 71 11 00-0469	EA		2-1/8" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS441)	74.65	14.29
	08 71 11 00-0470	EA		3" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS444/448)	71.64	14.29
	08 71 11 00-0471	EA		3" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS444/448)	73.09	14.29
	08 71 11 00-0472	EA		3" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS444/448)	73.09	14.29
	08 71 11 00-0473	EA		3" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS444/448)	73.09	14.29
	08 71 11 00-0474	EA		3" Overall Height, Satin Bronze Finish, Brass Floor Stop (Ives FS444/448)	73.09	14.29
	08 71 11 00-0475	EA		3" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS444/448)	84.24	14.29
	08 71 11 00-0476	EA		3" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS444/448)	84.24	14.29
	08 71 11 00-0477	EA		1-5/16" Overall Height, Satin Brass Finish, Brass Floor Stop (Ives FS430)	48.92	14.29
	08 71 11 00-0478	EA		1-5/16" Overall Height, Bright Brass Finish, Brass Floor Stop (Ives FS430)	50.77	14.29
	08 71 11 00-0479	EA		1-5/16" Overall Height, Satin Chrome Finish, Brass Floor Stop (Ives FS430)	54.97	14.29
	08 71 11 00-0480	EA		1-5/16" Overall Height, Bright Chrome Finish, Brass Floor Stop (Ives FS430)	54.97	14.29
	08 71 11 00-0481	EA		1-5/16" Overall Height, Dark Bronze Finish, Brass Floor Stop (Ives FS430)	54.97	14.29
	08 71 11 00-0482	EA		1-5/16" Overall Height, Satin Nickel Finish, Brass Floor Stop (Ives FS430)	56.21	14.29
	08 71 11 00-0483	EA		2-1/4" Overall Height, Polished Or Satin Finish, Brass Floor Stop (Rockwood 481H)	76.01	14.29
	08 71 11 00-0484	EA		3-11/16" Overall Height, Up To 1/2" Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Holder (Ives FS40)	114.09	14.29
	08 71 11 00-0485	EA		3-11/16" Overall Height, 9/16" To 1-1/16" Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Holder (Ives FS41)	119.15	14.29
	08 71 11 00-0486	EA		3-11/16" Overall Height, 1-1/8" To 1-9/16" Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Holder (Ives FS42)	143.00	14.29
	08 71 11 00-0487	EA		3-11/16" Overall Height, 1-5/8" To 2-11/16" Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Holder (Ives FS43)	157.68	14.29
	08 71 11 00-0488			Steel Floor Stops <small>(08 71 11 00-0429)</small>		
	08 71 11 00-0489	EA		2-5/8" Overall Height, Zinc Plated Finish, Wrought Steel Floor Stop (Ives FS434)	41.68	14.29
	08 71 11 00-0490	EA		1-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18S)	110.63	14.29
				Note: Includes drilling. Excludes Grout.		
	08 71 11 00-0491	EA		3-1/2" Overall Height, Grout In, Molded Rubber Security Floor Stop (Ives FS18L)	116.51	14.29
				Note: Includes drilling. Excludes Grout.		
	08 71 11 00-0492			Wall Stops <small>(08 71 11 00-0428)</small>		
	08 71 11 00-0493			Aluminum Wall Stops <small>(08 71 11 00-0492)</small>		
	08 71 11 00-0494	EA		3-3/4" Projection, Residential Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives 60)	16.55	5.72
	08 71 11 00-0495	EA		3-3/4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop (Ives WS65)	24.10	8.58
	08 71 11 00-0496			Brass Wall Stops <small>(08 71 11 00-0492)</small>		
	08 71 11 00-0497	EA		3-3/4" Projection, Residential Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives 60)	29.17	5.72
	08 71 11 00-0498	EA		3-3/4" Projection, Residential Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives 60)	29.17	5.72
	08 71 11 00-0499	EA		3-3/4" Projection, Residential Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives 60)	29.17	5.72
	08 71 11 00-0500	EA		3-3/4" Projection, Residential Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives 60)	34.67	5.72
	08 71 11 00-0501	EA		3-3/4" Projection, Residential Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives 60)	35.20	5.72

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0502	EA		3-3/4" Projection, Residential Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives 60)	35.20	5.72
08 71 11 00-0503	EA		3-3/4" Projection, Residential Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives 60)	35.20	5.72
08 71 11 00-0504	EA		3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS11)	82.74	8.58
08 71 11 00-0505	EA		3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS11)	84.68	8.58
08 71 11 00-0506	EA		3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS11)	84.68	8.58
08 71 11 00-0507	EA		3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS11)	84.68	8.58
08 71 11 00-0508	EA		3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS11)	84.68	8.58
08 71 11 00-0509	EA		3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS11)	84.68	8.58
08 71 11 00-0510	EA		3-3/4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop (Ives WS443/447)	69.08	8.58
08 71 11 00-0511	EA		3-3/4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop (Ives WS443/447)	79.56	8.58
08 71 11 00-0512	EA		3-3/4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop (Ives WS443/447)	79.56	8.58
08 71 11 00-0513	EA		3-3/4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop (Ives WS443/447)	79.56	8.58
08 71 11 00-0514	EA		3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS443/447)	79.56	8.58
08 71 11 00-0515	EA		3-3/4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop (Ives WS443/447)	82.05	8.58
08 71 11 00-0516	EA		3-3/4" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop (Ives WS443/447)	82.05	8.58
08 71 11 00-0517	EA		3-3/4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop (Ives WS33)	133.81	8.58
08 71 11 00-0518			Steel Wall Stops (08 71 11 00-0492)		
08 71 11 00-0519	EA		3" Projection, Residential Spring Type, Bright Brass Finish, Steel Wall Stop (Ives 63)	12.50	5.72
08 71 11 00-0520			Hinge Pin Door Stops (08 71 11 00-0428)		
08 71 11 00-0521			Aluminum Hinge Pin Door Stops (08 71 11 00-0520)		
08 71 11 00-0522	EA		Satin Aluminum Finish, Aluminum Hinge Pin Door Stop (Ives 70)	26.04	11.43
08 71 11 00-0523			Brass Hinge Pin Door Stops (08 71 11 00-0520)		
08 71 11 00-0524	EA		Satin Brass Finish, Brass Residential Hinge Pin Door Stop (Ives 72)	26.65	11.43
08 71 11 00-0525	EA		Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 73)	30.47	11.43
08 71 11 00-0526	EA		Satin Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	39.68	11.43
08 71 11 00-0527	EA		Satin Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	39.68	11.43
08 71 11 00-0528	EA		Bright Brass Finish, Brass Hinge Pin Door Stop (Ives 70)	39.68	11.43
08 71 11 00-0529	EA		Bright Chrome Finish, Brass Hinge Pin Door Stop (Ives 70)	43.99	11.43
08 71 11 00-0530	EA		Satin Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	43.99	11.43
08 71 11 00-0531	EA		Dark Bronze Finish, Brass Hinge Pin Door Stop (Ives 70)	43.99	11.43
08 71 11 00-0532	EA		Satin Nickel Finish, Brass Hinge Pin Door Stop (Ives 70)	43.99	11.43
08 71 11 00-0533			Wall Bumpers (08 71 11 00-0428)		
08 71 11 00-0534			Brass Wall Bumpers (08 71 11 00-0533)		
08 71 11 00-0535	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	34.59	14.29
08 71 11 00-0536	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	34.59	14.29
08 71 11 00-0537	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Wrought Brass Wall Bumper (Ives WS406/407)	34.59	14.29
08 71 11 00-0538	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.11	14.29
08 71 11 00-0539	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.11	14.29
08 71 11 00-0540	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.11	14.29
08 71 11 00-0541	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Wrought Brass Wall Bumper (Ives WS406/407)	35.11	14.29
08 71 11 00-0542	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	52.83	14.29
08 71 11 00-0543	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	57.63	14.29
08 71 11 00-0544	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Bright Chrome Finish, Cast Brass Wall Bumper (Ives WS401/402)	57.63	14.29
08 71 11 00-0545	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Brass Finish, Cast Brass Wall Bumper (Ives WS401/402)	57.63	14.29
08 71 11 00-0546	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	57.63	14.29
08 71 11 00-0547	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Dark Bronze Finish, Cast Brass Wall Bumper (Ives WS401/402)	57.63	14.29
08 71 11 00-0548	EA		2-1/2" Base Diameter, Convex Or Concave Rubber Insert, Satin Nickel Finish, Cast Brass Wall Bumper (Ives WS401/402)	58.70	14.29
08 71 11 00-0549			Rubber Wall Bumpers (08 71 11 00-0533)		
08 71 11 00-0550	EA		1-7/8" Base Diameter, Adhesive-Backed, Concave Rubber Wall Bumper (Ives WS411R-W)	32.68	14.29
08 71 11 00-0551			Cast Wall Bumpers (08 71 11 00-0533)		
08 71 11 00-0552	EA		2-1/8" Base Diameter, Concave, Prison Version, Satin Chrome Finish, Cast, Wall Bumper (Trimco 1270CVPV)	56.32	14.86
			<i>For Owner Furnished Material, Deduct</i>	-27.75	
08 71 11 00-0553	EA		2-1/8" Base Diameter, Concave, Satin Chrome Finish, Cast, Wall Bumper (Trimco 1270CV)	45.48	14.86
			<i>For Owner Furnished Material, Deduct</i>	-16.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0554 EA 2-1/8" Base Diameter, Convex, Satin Chrome Finish, Cast Décor, Wall Bumper (Trimco 1278CX)..... <i>For Owner Furnished Material, Deduct</i>	49.62 -21.05	14.86
08 71 11 00-0555 Holders (08 71 11 00-0427)		
08 71 11 00-0556 Plunger Type Door Holders (08 71 11 00-0555)		
08 71 11 00-0557 Aluminum Plunger Type Door Holders (08 71 11 00-0556)		
08 71 11 00-0558 EA Satin Aluminum Finish, Aluminum Plunger Type Door Holder (Ives FS1153)	87.52	8.58
08 71 11 00-0559 Brass Plunger Type Door Holders (08 71 11 00-0556)		
08 71 11 00-0560 EA Satin Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	144.08	8.58
08 71 11 00-0561 EA Bright Chrome Finish, Brass Plunger Type Door Holder (Ives FS1154)	144.08	8.58
08 71 11 00-0562 EA Satin Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	144.08	8.58
08 71 11 00-0563 EA Bright Brass Finish, Brass Plunger Type Door Holder (Ives FS1154)	144.08	8.58
08 71 11 00-0564 EA Satin Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	144.08	8.58
08 71 11 00-0565 EA Dark Bronze Finish, Brass Plunger Type Door Holder (Ives FS1154)	144.08	8.58
08 71 11 00-0566 EA Satin Nickel Finish, Brass Plunger Type Door Holder (Ives FS1154)	144.08	8.58
08 71 11 00-0567 Kick Down Door Holders (08 71 11 00-0555)		
08 71 11 00-0568 Aluminum Kick Down Door Holders (08 71 11 00-0567)		
08 71 11 00-0569 EA Satin Aluminum Finish, Aluminum Kick Down Door Holder (Ives FS455)	28.64	8.58
08 71 11 00-0570 Brass Kick Down Door Holders (08 71 11 00-0567)		
08 71 11 00-0571 EA Satin Brass Finish, Brass Kick Down Door Holder (Ives FS455)	63.81	8.58
08 71 11 00-0572 EA Bright Brass Finish, Brass Kick Down Door Holder (Ives FS455)	63.81	8.58
08 71 11 00-0573 EA Satin Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	63.81	8.58
08 71 11 00-0574 EA Satin Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	72.99	8.58
08 71 11 00-0575 EA Bright Chrome Finish, Brass Kick Down Door Holder (Ives FS455)	72.99	8.58
08 71 11 00-0576 EA Dark Bronze Finish, Brass Kick Down Door Holder (Ives FS455)	72.99	8.58
08 71 11 00-0577 EA Satin Nickel Finish, Brass Kick Down Door Holder (Ives FS455)	75.30	8.58
08 71 11 00-0578 Steel Kick Down Door Holders (08 71 11 00-0567)		
08 71 11 00-0579 EA Steel Kick Down Door Holder (Ives FS544)	35.73	8.58
08 71 11 00-0580 Floor Mounted Door Holders (08 71 11 00-0555)		
08 71 11 00-0581 Brass Floor Mounted Door Holders (08 71 11 00-0580)		
08 71 11 00-0582 EA Up To 1/2" Door To Floor Clearance, Satin Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	124.87	17.15
<i>For >1/2" To 1-1/16" Door To Floor Clearance, Add</i>	1.78	
<i>For >1-1/16" To 1-9/16" Door To Floor Clearance, Add</i>	10.53	
<i>For >1-9/16" To 2-11/16" Door To Floor Clearance, Add</i>	15.80	
08 71 11 00-0583 EA Up To 1/2" Door To Floor Clearance, Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	124.87	17.15
<i>For >1/2" To 1-1/16" Door To Floor Clearance, Add</i>	1.78	
<i>For >1-1/16" To 1-9/16" Door To Floor Clearance, Add</i>	10.53	
<i>For >1-9/16" To 2-11/16" Door To Floor Clearance, Add</i>	15.80	
08 71 11 00-0584 EA Up To 1/2" Door To Floor Clearance, Bright Chrome Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	155.35	17.15
<i>For >1/2" To 1-1/16" Door To Floor Clearance, Add</i>	1.78	
<i>For >1-1/16" To 1-9/16" Door To Floor Clearance, Add</i>	10.53	
<i>For >1-9/16" To 2-11/16" Door To Floor Clearance, Add</i>	15.80	
08 71 11 00-0585 EA Up To 1/2" Door To Floor Clearance, Bright Brass Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	155.35	17.15
<i>For >1/2" To 1-1/16" Door To Floor Clearance, Add</i>	1.78	
<i>For >1-1/16" To 1-9/16" Door To Floor Clearance, Add</i>	10.53	
<i>For >1-9/16" To 2-11/16" Door To Floor Clearance, Add</i>	15.80	
08 71 11 00-0586 EA Up To 1/2" Door To Floor Clearance, Satin Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	155.35	17.15
<i>For >1/2" To 1-1/16" Door To Floor Clearance, Add</i>	1.78	
<i>For >1-1/16" To 1-9/16" Door To Floor Clearance, Add</i>	10.53	
<i>For >1-9/16" To 2-11/16" Door To Floor Clearance, Add</i>	15.80	
08 71 11 00-0587 EA Up To 1/2" Door To Floor Clearance, Dark Bronze Finish, Brass Floor Stop And Automatic Door Holder (Ives FS40)	155.35	17.15
<i>For >1/2" To 1-1/16" Door To Floor Clearance, Add</i>	1.78	
<i>For >1-1/16" To 1-9/16" Door To Floor Clearance, Add</i>	10.53	
<i>For >1-9/16" To 2-11/16" Door To Floor Clearance, Add</i>	15.80	
08 71 11 00-0588 EA Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491)	119.71	17.15
<i>Note: Includes FH MS / plastic anchors.</i>		
<i>For >1/2" To 1-1/16" Door To Floor Clearance, Add</i>	1.78	
<i>For >1-1/16" To 1-9/16" Door To Floor Clearance, Add</i>	10.53	
<i>For >1-9/16" To 2-11/16" Door To Floor Clearance, Add</i>	15.80	

08 Openings**08 70 Hardware**

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0589	EA		Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491R).....	124.14	17.15
			Note: Includes FH MS / lead anchors.		
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0590	EA		Up To 1/2" Door To Floor Clearance, Polished Or Satin Brass Finish, Brass Floor Stop And Automatic Door Holder (Rockwood 491S).....	131.49	17.15
			Note: Includes FH MS / lead anchors and bolts.		
			For >1/2" To 1-1/16" Door To Floor Clearance, Add	1.78	
			For >1-1/16" To 1-9/16" Door To Floor Clearance, Add	10.53	
			For >1-9/16" To 2-11/16" Door To Floor Clearance, Add	15.80	
08 71 11 00-0591			Wall Mounted Door Holders (08 71 11 00-0555)		
08 71 11 00-0592			Aluminum Wall Mounted Door Holders (08 71 11 00-0591)		
08 71 11 00-0593	EA		4" Projection, Rigid Type, Satin Aluminum Finish, Aluminum Wall Stop And Manual Door Holder (Ives WS20).....	111.65	10.00
08 71 11 00-0594	EA		Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder (Ives WS40).....	163.36	17.15
08 71 11 00-0595	EA		Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder, Drywall Mounting (Ives WS45).....	196.12	17.15
08 71 11 00-0596	EA		Wall Mounted, Satin Aluminum Finish, Aluminum Automatic Door Holder, Masonry Mounting (Ives WS45X).....	219.25	17.15
08 71 11 00-0597			Brass Wall Mounted Door Holders (08 71 11 00-0591)		
08 71 11 00-0598	EA		3-11/16" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	102.41	10.00
08 71 11 00-0599	EA		3-11/16" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	118.94	10.00
08 71 11 00-0600	EA		3-11/16" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	118.94	10.00
08 71 11 00-0601	EA		3-11/16" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	118.94	10.00
08 71 11 00-0602	EA		3-11/16" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	118.94	10.00
08 71 11 00-0603	EA		3-11/16" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	118.94	10.00
08 71 11 00-0604	EA		3-11/16" Projection, Rigid Type, Satin Nickel Finish, Brass Wall Stop And Manual Door Holder (Ives WS445/449).....	122.82	10.00
08 71 11 00-0605	EA		4" Projection, Rigid Type, Satin Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	116.25	10.00
08 71 11 00-0606	EA		4" Projection, Rigid Type, Bright Chrome Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	138.80	10.00
08 71 11 00-0607	EA		4" Projection, Rigid Type, Satin Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	138.80	10.00
08 71 11 00-0608	EA		4" Projection, Rigid Type, Bright Brass Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	138.80	10.00
08 71 11 00-0609	EA		4" Projection, Rigid Type, Satin Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	138.80	10.00
08 71 11 00-0610	EA		4" Projection, Rigid Type, Dark Bronze Finish, Brass Wall Stop And Manual Door Holder (Ives WS20).....	138.80	10.00
08 71 11 00-0611	EA		Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	185.86	17.15
08 71 11 00-0612	EA		Wall Mounted, Bright Chrome Finish, Brass Automatic Door Holder (Ives WS40).....	195.99	17.15
08 71 11 00-0613	EA		Wall Mounted, Satin Brass Finish, Brass Automatic Door Holder (Ives WS40).....	195.99	17.15
08 71 11 00-0614	EA		Wall Mounted, Bright Brass Finish, Brass Automatic Door Holder (Ives WS40).....	195.99	17.15
08 71 11 00-0615	EA		Wall Mounted, Satin Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	195.99	17.15
08 71 11 00-0616	EA		Wall Mounted, Dark Bronze Finish, Brass Automatic Door Holder (Ives WS40).....	195.99	17.15
08 71 11 00-0617	EA		3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494).....	110.49	10.00
08 71 11 00-0618	EA		3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494R).....	114.92	10.00
			Note: Includes FH MS / lead anchors.		
08 71 11 00-0619	EA		3-1/4" Projection, Rigid Type, Polished Or Satin Finish, Brass Wall Stop And Manual Door Holder (Rockwell 494S).....	122.27	10.00
			Note: Includes FH MS / lead anchors and bolts.		
08 71 11 00-0620	EA		Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder, Drywall Mounting (Ives WS45).....	213.20	17.15
08 71 11 00-0621	EA		Wall Mounted, Satin Chrome Finish, Brass Automatic Door Holder, Masonry Mounting (Ives WS45X).....	263.32	17.15
08 71 11 00-0622			Overhead Door Holders (08 71 11 00-0555)		
08 71 11 00-0623			Surface Mounted, Overhead Door Holders (08 71 11 00-0622)		
08 71 11 00-0624	EA		Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	576.30	28.57
			For Hold Open, Add	66.66	
08 71 11 00-0625	EA		Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	661.41	28.57
			For Hold Open, Add	78.94	
08 71 11 00-0626	EA		Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	661.41	28.57
			For Hold Open, Add	78.94	
08 71 11 00-0627	EA		Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	661.41	28.57
			For Hold Open, Add	78.94	
08 71 11 00-0628	EA		Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop Without Hold Open (Glynn Johnson 81).....	658.51	28.57
			For Hold Open, Add	78.53	
08 71 11 00-0629			Heavy Duty, Surface Mounted, Overhead Door Holders (08 71 11 00-0622)		
			Note: With or without hold open feature.		
08 71 11 00-0630	EA		Heavy Duty, Surface Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	447.78	28.57
08 71 11 00-0631	EA		Heavy Duty, Surface Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	650.99	28.57
08 71 11 00-0632	EA		Heavy Duty, Surface Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	739.57	28.57
08 71 11 00-0633	EA		Heavy Duty, Surface Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	739.57	28.57
08 71 11 00-0634	EA		Heavy Duty, Surface Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 90).....	739.57	28.57
08 71 11 00-0635			Concealed Mounted, Overhead Door Holders (08 71 11 00-0622)		
			Note: With or without hold open feature.		
08 71 11 00-0636	EA		Concealed Mounted, Aluminum Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	629.57	28.57
08 71 11 00-0637	EA		Concealed Mounted, Stainless Steel Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	629.57	28.57

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0638 EA Concealed Mounted, Dark Bronze Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	664.30	28.57
08 71 11 00-0639 EA Concealed Mounted, Polished Brass Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	693.83	28.57
08 71 11 00-0640 EA Concealed Mounted, Polished Chrome Finish, Overhead Door Holder/Stop (Glynn Johnson 100).....	693.83	28.57
08 71 11 00-0641 EA Concealed Mounted, Satin Stainless Steel, Heavy-Duty Overhead Door Holder, Stop-Only (Ives 100 S).....	555.37	35.72
08 71 11 00-0642 Silencers (08 71 11 00-0427)		
08 71 11 00-0643 EA Replacement Of Rubber Door Silencers.....	1.74	
Note: For repair / maintenance only. This task is not to be used in conjunction with new door or frame installations.		
08 71 11 00-0644 EA Replacement Of Door Silencers for Metal Frames (Trimco 1229A).....	1.74	
<i>For Owner Furnished Material, Deduct</i>		
08 71 11 00-0645 EA Replacement Of Door Silencers for Wood Frames (Trimco 1229B).....	1.74	
<i>For Owner Furnished Material, Deduct</i>		
08 71 11 00-0646 Bolts (08 71 11 00-0427)		
08 71 11 00-0647 Brass Surface Bolts (08 71 11 00-0646)		
08 71 11 00-0648 EA 8" Length, Satin Chrome Finish, Brass Surface Bolt With Strike (Ives SB1640).....	189.05	14.29
08 71 11 00-0649 EA 8" Length, Bright Brass Finish, Brass Surface Bolt With Strike (Ives SB1640).....	202.43	14.29
08 71 11 00-0650 EA 8" Length, Dark Bronze Finish, Brass Surface Bolt With Strike (Ives SB1640).....	202.43	14.29
08 71 11 00-0651 Steel Surface Bolts (08 71 11 00-0646)		
08 71 11 00-0652 EA 8" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	85.42	14.29
08 71 11 00-0653 EA 8" Length, Bright Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	85.42	14.29
08 71 11 00-0654 EA 8" Length, Satin Brass Finish, Steel Surface Bolt With Strike (Ives SB453).....	85.42	14.29
08 71 11 00-0655 EA 8" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	97.12	14.29
08 71 11 00-0656 EA 8" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	98.80	14.29
08 71 11 00-0657 EA 8" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	102.12	14.29
08 71 11 00-0658 EA 12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB453).....	100.45	14.29
08 71 11 00-0659 EA 12" Length, Satin Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	105.48	14.29
08 71 11 00-0660 EA 12" Length, Dark Bronze Finish, Steel Surface Bolt With Strike (Ives SB453).....	112.17	14.29
08 71 11 00-0661 EA 12" Length, Satin Chrome Finish, Steel Surface Bolt With Strike (Ives SB453).....	117.18	14.29
08 71 11 00-0662 EA 12" Length, Zinc Plated Finish, Steel Surface Bolt With Strike (Ives SB360).....	184.04	14.29
08 71 11 00-0663 Door Viewer (08 71 11 00-0427)		
08 71 11 00-0664 Brass Door Viewer (08 71 11 00-0663)		
08 71 11 00-0665 EA 120 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U700).....	44.52	14.29
08 71 11 00-0666 EA 120 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U700).....	44.52	14.29
08 71 11 00-0667 EA 120 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U700).....	44.52	14.29
08 71 11 00-0668 EA 150 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Door Viewer (Ives U696).....	51.99	14.29
08 71 11 00-0669 EA 150 Degree Angle Of View, Dark Bronze Finish, Brass One-Way Door Viewer (Ives U696).....	51.99	14.29
08 71 11 00-0670 EA 150 Degree Angle Of View, Satin Brass Finish, Brass One-Way Door Viewer (Ives U696).....	51.99	14.29
08 71 11 00-0671 EA 190 Degree Angle Of View, Satin Chrome Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	61.19	14.29
08 71 11 00-0672 EA 190 Degree Angle Of View, Bright Brass Finish, Brass One-Way Wide Angle Door Viewer (Ives U698).....	61.19	14.29
08 71 11 00-0673 Door Knockers (08 71 11 00-0427)		
08 71 11 00-0674 Brass Door Knockers (08 71 11 00-0673)		
08 71 11 00-0675 EA 5-15/16" Length, 3" Width, Bright Brass Finish, Brass Door Knocker (Ives 3125).....	67.56	14.29
08 71 11 00-0676 EA 5-15/16" Length, 3" Width, Satin Chrome Finish, Brass Door Knocker (Ives 3125).....	74.65	14.29
08 71 11 00-0677 EA 5-15/16" Length, 3" Width, Bright Chrome Finish, Brass Door Knocker (Ives 3125).....	74.65	14.29
08 71 11 00-0678 EA 5-15/16" Length, 3" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3125).....	74.65	14.29
08 71 11 00-0679 EA 8-1/2" Length, 4-1/8" Width, Bright Brass Finish, Brass Door Knocker (Ives 3107).....	101.57	14.29
08 71 11 00-0680 EA 8-1/2" Length, 4-1/8" Width, Satin Nickel Finish, Brass Door Knocker (Ives 3107).....	118.68	14.29
08 71 11 00-0681 Hasps (08 71 11 00-0427)		
08 71 11 00-0682 EA 3-1/4", Zinc Plated Finish, Steel Hasp Assembly.....	31.24	10.78
08 71 11 00-0683 EA 4-1/2", Zinc Plated Finish, Steel Hasp Assembly.....	33.31	11.43
08 71 11 00-0684 EA 6", Zinc Plated Finish, Steel Hasp Assembly.....	42.68	12.86
08 71 11 00-0685 EA 6", Zinc Plated Finish, Steel High Security Hasp Assembly.....	177.92	15.43
08 71 11 00-0686 Flush Bolts (08 71 11 00-0427)		
08 71 11 00-0687 Flush Bolts For Metal Doors (08 71 11 00-0686)		
08 71 11 00-0688 Brass Flush Bolts For Metal Doors (08 71 11 00-0688)		
08 71 11 00-0689 Manual, Brass Flush Bolts For Metal Doors (08 71 11 00-0688)		
Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0690 EA Top Or Bottom Bolt, Manual, Brass Flush Bolt For Metal Doors (Ives FB457/458).....	65.36	14.29
08 71 11 00-0691 Automatic, Brass Flush Bolts For Metal Doors (08 71 11 00-0688)		
Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0692	EA		Top Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31T).....	135.28	14.29
08 71 11 00-0693	EA		Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31B).....	135.28	14.29
08 71 11 00-0694	EA		Top And Bottom Bolt, Automatic, Brass Flush Bolt For Metal Doors (Ives FB31P).....	235.29	22.86
08 71 11 00-0695	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Metal Doors (Ives FB32).....	242.22	20.00
08 71 11 00-0696	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Brass Flush Bolt For Metal Doors (Ives FB33).....	251.77	21.43
08 71 11 00-0697			Constant Latching, Brass Flush Bolts For Metal Doors (08 71 11 00-0688)		
			Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0698	EA		Top Bolt Only, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51T).....	160.48	14.29
08 71 11 00-0699	EA		Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB51P).....	298.49	22.86
08 71 11 00-0700	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB52).....	292.78	20.00
08 71 11 00-0701	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Brass Flush Bolt For Metal Doors (Ives FB53).....	304.00	21.43
08 71 11 00-0702			Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0687)		
08 71 11 00-0703			Automatic, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0702)		
			Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0704	EA		Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31T).....	135.28	14.29
08 71 11 00-0705	EA		Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31B).....	135.28	14.29
08 71 11 00-0706	EA		Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB31P).....	235.29	22.86
08 71 11 00-0707	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB32).....	242.22	20.00
08 71 11 00-0708	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB33).....	251.77	21.43
08 71 11 00-0709			Constant Latching, Stainless Steel Flush Bolts For Metal Doors (08 71 11 00-0702)		
			Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0710	EA		Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51T).....	160.48	14.29
08 71 11 00-0711	EA		Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB51P).....	298.49	22.86
08 71 11 00-0712	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB52).....	292.78	20.00
08 71 11 00-0713	EA		Top Bolt With Auxiliary Fire Latch And Retrofit Plate, Constant Latching, Stainless Steel Flush Bolt For Metal Doors (Ives FB53).....	304.00	21.43
08 71 11 00-0714			Flush Bolts For Wood Doors (08 71 11 00-0686)		
08 71 11 00-0715			Brass Flush Bolts For Wood Doors (08 71 11 00-0714)		
08 71 11 00-0716			Manual, Brass Flush Bolts For Wood Doors (08 71 11 00-0715)		
			Note: Includes brass construction with bright brass, satin brass, satin bronze, dark bronze, satin nickel, bright chrome or satin chrome finish.		
08 71 11 00-0717	EA		Top Or Bottom Bolt, Manual, Brass Flush Bolt For Wood Doors (Ives FB358).....	77.87	14.29
08 71 11 00-0718			Automatic, Brass Flush Bolts For Wood Doors (08 71 11 00-0715)		
			Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0719	EA		Top Bolt Only, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41T).....	168.47	14.29
08 71 11 00-0720	EA		Bottom Bolt Only, Automatic, Brass Flush Bolt For Metal Doors (Ives FB41B).....	168.47	14.29
08 71 11 00-0721	EA		Top And Bottom Bolt, Automatic, Brass Flush Bolt For Wood Doors (Ives FB41P).....	312.52	22.86
08 71 11 00-0722	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Brass Flush Bolt For Wood Doors (Ives FB42).....	306.81	20.00
08 71 11 00-0723			Constant Latching, Brass Flush Bolts For Wood Doors (08 71 11 00-0715)		
			Note: Includes brass construction with bright brass, satin brass, satin bronze or dark bronze finish.		
08 71 11 00-0724	EA		Top Bolt Only, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61T).....	167.17	14.29
08 71 11 00-0725	EA		Top And Bottom Bolt, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB61P).....	312.52	22.86
08 71 11 00-0726	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Brass Flush Bolt For Wood Doors (Ives FB62).....	306.81	20.00
08 71 11 00-0727			Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0714)		
08 71 11 00-0728			Automatic, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0727)		
			Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0729	EA		Top Bolt Only, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41T).....	168.47	14.29
08 71 11 00-0730	EA		Bottom Bolt Only, Automatic, Stainless Steel Flush Bolt For Metal Doors (Ives FB41B).....	168.47	14.29
08 71 11 00-0731	EA		Top And Bottom Bolt, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB41P).....	312.52	22.86
08 71 11 00-0732	EA		Top Bolt With Auxiliary Fire Latch, Automatic, Stainless Steel Flush Bolt For Wood Doors (Ives FB42).....	306.81	20.00
08 71 11 00-0733			Constant Latching, Stainless Steel Flush Bolts For Wood Doors (08 71 11 00-0727)		
			Note: Includes stainless steel construction with bright or satin finish.		
08 71 11 00-0734	EA		Top Bolt Only, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61T).....	167.17	14.29
08 71 11 00-0735	EA		Top And Bottom Bolt, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB61P).....	312.52	22.86
08 71 11 00-0736	EA		Top Bolt With Auxiliary Fire Latch, Constant Latching, Stainless Steel Flush Bolt For Wood Doors (Ives FB62).....	306.81	20.00
08 71 11 00-0737			Dust Proof Strikes (08 71 11 00-0686)		
08 71 11 00-0738	EA		Satin Brass Finish, Brass Dust Proof Strike (Ives DP1).....	58.64	11.43
08 71 11 00-0739	EA		Satin Chrome Finish, Brass Dust Proof Strike (Ives DP1).....	58.64	11.43
08 71 11 00-0740	EA		Bright Brass Finish, Brass Dust Proof Strike (Ives DP1).....	58.64	11.43
08 71 11 00-0741	EA		Satin Bronze Finish, Brass Dust Proof Strike (Ives DP1).....	58.64	11.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0742 EA Dark Bronze Finish, Brass Dust Proof Strike (Ives DP1)	58.64	11.43
08 71 11 00-0743 EA Satin Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	67.99	11.43
08 71 11 00-0744 EA Satin Chrome Finish, Brass Dust Proof Strike With Plate (Ives DP2)	67.99	11.43
08 71 11 00-0745 EA Satin Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	67.99	11.43
08 71 11 00-0746 EA Bright Brass Finish, Brass Dust Proof Strike With Plate (Ives DP2)	67.99	11.43
08 71 11 00-0747 EA Dark Bronze Finish, Brass Dust Proof Strike With Plate (Ives DP2)	67.99	11.43
08 71 11 00-0748 Roller Bumpers (08 71 11 00-0427)		
08 71 11 00-0749 Brass Roller Bumpers (08 71 11 00-0748)		
08 71 11 00-0750 EA 5" Length, Bright Brass Finish, Brass Offset Arm Roller Bumper (Ives RB470)	62.02	8.58
08 71 11 00-0751 EA 5" Length, Satin Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	73.19	8.58
08 71 11 00-0752 EA 5" Length, Bright Chrome Finish, Brass Offset Arm Roller Bumper (Ives RB470)	73.19	8.58
08 71 11 00-0753 EA 4-1/2" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	59.50	8.58
08 71 11 00-0754 EA 4-1/2" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	68.01	8.58
08 71 11 00-0755 EA 4-1/2" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB471)	68.01	8.58
08 71 11 00-0756 EA 4-1/2" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB471)	68.01	8.58
08 71 11 00-0757 EA 6" Length, Bright Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	62.19	8.58
08 71 11 00-0758 EA 6" Length, Satin Nickel Finish, Brass Straight Arm Roller Bumper (Ives RB472)	68.21	8.58
08 71 11 00-0759 EA 6" Length, Satin Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	71.05	8.58
08 71 11 00-0760 EA 6" Length, Bright Chrome Finish, Brass Straight Arm Roller Bumper (Ives RB472)	71.05	8.58
08 71 11 00-0761 EA 6" Length, Satin Brass Finish, Brass Straight Arm Roller Bumper (Ives RB472)	71.05	8.58
08 71 11 00-0762 EA 6" Length, Satin Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	71.05	8.58
08 71 11 00-0763 EA 6" Length, Dark Bronze Finish, Brass Straight Arm Roller Bumper (Ives RB472)	71.05	8.58
08 71 11 00-0764 Other Door Trim (08 71 11 00-0427)		
08 71 11 00-0765 Coat And Hat Hooks (08 71 11 00-0764)		
08 71 11 00-0766 Aluminum Coat And Hat Hooks (08 71 11 00-0765)		
08 71 11 00-0767 EA 1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Wardrobe Hook (Ives 581)	20.16	8.58
08 71 11 00-0768 EA 1-1/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Wardrobe Hook (Ives 581)	20.16	8.58
08 71 11 00-0769 EA 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Wardrobe Hook (Ives 581)	20.36	8.58
08 71 11 00-0770 EA 1-3/4" Height, 1-1/4" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 571)	20.01	8.58
08 71 11 00-0771 EA 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 571)	20.01	8.58
08 71 11 00-0772 EA 1-3/4" Height, 1-1/4" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 571)	20.01	8.58
08 71 11 00-0773 EA 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Aluminum Coat And Hat Hook (Ives 571)	20.36	8.58
08 71 11 00-0774 EA 1-1/2" Height, 2-1/2" Width, Satin Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.40	8.58
08 71 11 00-0775 EA 1-1/2" Height, 2-1/2" Width, Bright Brass Finish, Aluminum Coat And Hat Hook (Ives 405)	21.40	8.58
08 71 11 00-0776 EA 1-1/2" Height, 2-1/2" Width, Satin Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.40	8.58
08 71 11 00-0777 EA 1-1/2" Height, 2-1/2" Width, Dark Bronze Finish, Aluminum Coat And Hat Hook (Ives 405)	21.40	8.58
08 71 11 00-0778 EA 1-1/2" Height, 2-1/2" Width, Aluminum Finish, Aluminum Coat And Hat Hook (Ives 405)	21.40	8.58
08 71 11 00-0779 Brass Coat And Hat Hooks (08 71 11 00-0765)		
08 71 11 00-0780 EA 1-1/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Wardrobe Hook (Ives 581)	25.83	8.58
08 71 11 00-0781 EA 1-1/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Wardrobe Hook (Ives 581)	26.38	8.58
08 71 11 00-0782 EA 1-1/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Wardrobe Hook (Ives 581)	27.25	8.58
08 71 11 00-0783 EA 1-1/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Wardrobe Hook (Ives 581)	27.25	8.58
08 71 11 00-0784 EA 1-1/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Wardrobe Hook (Ives 581)	27.80	8.58
08 71 11 00-0785 EA 1-3/4" Height, 1-1/4" Width, Bright Brass Finish, Brass Coat And Hat Hook (Ives 571)	29.56	8.58
08 71 11 00-0786 EA 1-3/4" Height, 1-1/4" Width, Satin Brass Finish, Brass Coat And Hat Hook (Ives 571)	32.05	8.58
08 71 11 00-0787 EA 1-3/4" Height, 1-1/4" Width, Dark Bronze Finish, Brass Coat And Hat Hook (Ives 571)	32.05	8.58
08 71 11 00-0788 EA 1-3/4" Height, 1-1/4" Width, Satin Chrome Finish, Brass Coat And Hat Hook (Ives 571)	32.05	8.58
08 71 11 00-0789 EA 1-3/4" Height, 1-1/4" Width, Satin Nickel Finish, Brass Coat And Hat Hook (Ives 571)	32.60	8.58
08 71 11 00-0790 Cane Bolt (08 71 11 00-0764)		
08 71 11 00-0791 EA 18" Cane Bolt With Padlock Eyes Welded To Bolt, Manual, Steel Bolt For Doors (Stanley 1009)	34.76	11.43
08 71 11 00-0792 Ball Catches (08 71 11 00-0764)		
08 71 11 00-0793 EA Satin Brass Finish, Brass Adjustable Ball Catch (Ives 347)	39.04	11.43
<i>For Owner Furnished Material, Deduct</i>	-16.18	
08 71 11 00-0794 EA Bright Brass Finish, Brass Adjustable Ball Catch (Ives 347)	39.04	11.43
<i>For Owner Furnished Material, Deduct</i>	-16.18	
08 71 11 00-0795 EA Satin Nickel Finish, Brass Adjustable Ball Catch (Ives 347)	40.72	11.43
<i>For Owner Furnished Material, Deduct</i>	-17.86	
08 71 11 00-0796 EA Satin Chrome Finish, Brass Adjustable Ball Catch (Ives 347)	41.59	11.43
<i>For Owner Furnished Material, Deduct</i>	-18.73	
08 71 11 00-0797 EA Satin Bronze Finish, Brass Adjustable Ball Catch (Ives 347)	41.59	11.43
<i>For Owner Furnished Material, Deduct</i>	-18.73	
08 71 11 00-0798 EA Dark Bronze Finish, Brass Adjustable Ball Catch (Ives 347)	41.59	11.43
<i>For Owner Furnished Material, Deduct</i>	-18.73	
08 71 11 00-0799 Other Door Trim (08 71 11 00-0764)		
08 71 11 00-0800 EA Adapter Kit For Installation Of Cipher Locks On Metal Doors	85.29	14.29
<i>For Owner Furnished Material, Deduct</i>	-56.72	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-0801	EA	Push Or Pull Exit Paddle For Storefront Aluminum Door..... Note: Aluminum with dark bronze or satin aluminum finish. <i>For Owner Furnished Material, Deduct</i>		155.53	28.57
				-98.38	
08 71 11 00-0802	EA	Public Toilet Lock..... <i>For Owner Furnished Material, Deduct</i>		70.77	19.09
				-42.20	
08 71 11 00-0803	EA	Slide Latch Handle Mechanism For Toilet Stall Partition Doors..... <i>For Owner Furnished Material, Deduct</i>		66.69	11.43
				-43.83	
08 71 11 00-0804	EA	Brass Entry Lockset Door Repair Cover, US3..... <i>For Owner Furnished Material, Deduct</i>		97.89	14.29
				-40.74	
08 71 11 00-0805	EA	Stainless Steel Entry Lockset Door Repair Cover, US32D..... <i>For Owner Furnished Material, Deduct</i>		109.71	14.29
				-52.56	
08 71 11 00-0806	EA	Brass Entry Deadlock Door Repair Cover, US3..... <i>For Owner Furnished Material, Deduct</i>		82.91	14.29
				-25.76	
08 71 11 00-0807	EA	Latch Protector..... <i>For Owner Furnished Material, Deduct</i>		36.01	11.43
				-13.15	
08 71 11 00-0808		Lock Protector <small>(08 71 11 00-0427)</small>			
08 71 11 00-0809	EA	9-1/2" High x 1-1/2" Wide, Satin Stainless Steel, Lock Guard (Ives LG12).....		74.76	
08 71 11 00-0810		Door Plates And Pulls <small>(08 71 11)</small>			
08 71 11 00-0811		Kick Plate <small>(08 71 11 00-0810)</small> Note: Ives 8400.			
08 71 11 00-0812		Aluminum Base Material Kick Plate <small>(08 71 11 00-0811)</small>			
08 71 11 00-0813		Satin Aluminum Finish, Aluminum Kick Plate <small>(08 71 11 00-0812)</small>			
08 71 11 00-0814	EA	8" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		61.95	8.58
				1.76	
				11.40	
08 71 11 00-0815	EA	8" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		64.50	8.58
				1.76	
				11.40	
08 71 11 00-0816	EA	8" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		66.99	8.58
				1.76	
				11.40	
08 71 11 00-0817	EA	8" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		69.51	8.58
				1.76	
				11.40	
08 71 11 00-0818	EA	8" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		74.34	9.14
				1.76	
				11.40	
08 71 11 00-0819	EA	8" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		76.81	9.14
				1.76	
				11.40	
08 71 11 00-0820	EA	8" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		79.33	9.14
				1.76	
				11.40	
08 71 11 00-0821	EA	8" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		81.84	9.14
				1.76	
				11.40	
08 71 11 00-0822	EA	8" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		86.64	9.72
				1.76	
				11.40	
08 71 11 00-0823	EA	8" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		89.16	9.72
				1.76	
				11.40	
08 71 11 00-0824	EA	8" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		91.65	9.72
				1.76	
				11.40	
08 71 11 00-0825	EA	8" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		96.49	10.29
				1.76	
				11.40	
08 71 11 00-0826	EA	8" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		99.01	10.29
				1.76	
				11.40	
08 71 11 00-0827	EA	8" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		101.50	10.29
				1.76	
				11.40	
08 71 11 00-0828	EA	10" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		68.90	8.58
				1.76	
				11.40	
08 71 11 00-0829	EA	10" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		72.05	8.58
				1.76	
				11.40	
08 71 11 00-0830	EA	10" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		75.15	8.58
				1.76	
				11.40	
08 71 11 00-0831	EA	10" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		78.31	8.58
				1.76	
				11.40	
08 71 11 00-0832	EA	10" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>		83.76	9.14
				1.76	
				11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0833 EA 10" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.88 1.76 11.40	9.14
08 71 11 00-0834 EA 10" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.04 1.76 11.40	9.14
08 71 11 00-0835 EA 10" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.17 1.76 11.40	9.14
08 71 11 00-0836 EA 10" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.60 1.76 11.40	9.72
08 71 11 00-0837 EA 10" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.73 1.76 11.40	9.72
08 71 11 00-0838 EA 10" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.89 1.76 11.40	9.72
08 71 11 00-0839 EA 10" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.34 1.76 11.40	10.29
08 71 11 00-0840 EA 10" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.43 1.76 11.40	10.29
08 71 11 00-0841 EA 10" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.59 1.76 11.40	10.29
08 71 11 00-0842 EA 12" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.82 1.76 11.40	8.58
08 71 11 00-0843 EA 12" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.55 1.76 11.40	8.58
08 71 11 00-0844 EA 12" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	83.38 1.76 11.40	8.58
08 71 11 00-0845 EA 12" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.08 1.76 11.40	8.58
08 71 11 00-0846 EA 12" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.17 1.76 11.40	9.14
08 71 11 00-0847 EA 12" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.93 1.76 11.40	9.14
08 71 11 00-0848 EA 12" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	100.70 1.76 11.40	9.14
08 71 11 00-0849 EA 12" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.49 1.76 11.40	9.14
08 71 11 00-0850 EA 12" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.54 1.76 11.40	9.72
08 71 11 00-0851 EA 12" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.30 1.76 11.40	9.72
08 71 11 00-0852 EA 12" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.09 1.76 11.40	9.72
08 71 11 00-0853 EA 12" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.15 1.76 11.40	10.29
08 71 11 00-0854 EA 12" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.91 1.76 11.40	10.29
08 71 11 00-0855 EA 12" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.71 1.76 11.40	10.29
08 71 11 00-0856 EA 14" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.97 1.76 11.40	9.14
08 71 11 00-0857 EA 14" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	89.37 1.76 11.40	9.14
08 71 11 00-0858 EA 14" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.83 1.76 11.40	9.14
08 71 11 00-0859 EA 14" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	98.24 1.76 11.40	9.14
08 71 11 00-0860 EA 14" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.89 1.76 11.40	9.72
08 71 11 00-0861 EA 14" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.29 1.76 11.40	9.72

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0862	EA		14" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.69 1.76 11.40	9.72
08 71 11 00-0863	EA		14" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.09 1.76 11.40	9.72
08 71 11 00-0864	EA		14" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.79 1.76 11.40	10.29
08 71 11 00-0865	EA		14" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.16 1.76 11.40	10.29
08 71 11 00-0866	EA		14" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.56 1.76 11.40	10.29
08 71 11 00-0867	EA		14" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.24 1.76 11.40	10.86
08 71 11 00-0868	EA		14" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.67 1.76 11.40	10.86
08 71 11 00-0869	EA		14" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.08 1.76 11.40	10.86
08 71 11 00-0870	EA		16" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.92 1.76 11.40	9.14
08 71 11 00-0871	EA		16" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.93 1.76 11.40	9.14
08 71 11 00-0872	EA		16" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.00 1.76 11.40	9.14
08 71 11 00-0873	EA		16" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.01 1.76 11.40	9.14
08 71 11 00-0874	EA		16" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.29 1.76 11.40	9.72
08 71 11 00-0875	EA		16" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.37 1.76 11.40	9.72
08 71 11 00-0876	EA		16" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.41 1.76 11.40	9.72
08 71 11 00-0877	EA		16" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.42 1.76 11.40	9.72
08 71 11 00-0878	EA		16" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.72 1.76 11.40	10.29
08 71 11 00-0879	EA		16" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.79 1.76 11.40	10.29
08 71 11 00-0880	EA		16" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.80 1.76 11.40	10.29
08 71 11 00-0881	EA		16" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.09 1.76 11.40	10.86
08 71 11 00-0882	EA		16" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.13 1.76 11.40	10.86
08 71 11 00-0883	EA		16" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	164.19 1.76 11.40	10.86
08 71 11 00-0884	EA		18" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.81 6.30 11.40	9.14
08 71 11 00-0885	EA		18" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.84 6.30 11.40	9.14
08 71 11 00-0886	EA		18" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.86 6.30 11.40	9.14
08 71 11 00-0887	EA		18" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.88 6.30 11.40	9.14
08 71 11 00-0888	EA		18" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.16 6.30 11.40	9.72
08 71 11 00-0889	EA		18" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.18 6.30 11.40	9.72
08 71 11 00-0890	EA		18" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.20 6.30 11.40	9.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0891 EA 18" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.23 6.30 11.40	9.72
08 71 11 00-0892 EA 18" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.54 6.30 11.40	10.29
08 71 11 00-0893 EA 18" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.57 6.30 11.40	10.29
08 71 11 00-0894 EA 18" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.59 6.30 11.40	10.29
08 71 11 00-0895 EA 18" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.89 6.30 11.40	10.86
08 71 11 00-0896 EA 18" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	181.92 6.30 11.40	10.86
08 71 11 00-0897 EA 18" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.94 6.30 11.40	10.86
08 71 11 00-0898 EA 20" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.45 6.30 11.40	9.72
08 71 11 00-0899 EA 20" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.14 6.30 11.40	9.72
08 71 11 00-0900 EA 20" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.83 6.30 11.40	9.72
08 71 11 00-0901 EA 20" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.52 6.30 11.40	9.72
08 71 11 00-0902 EA 20" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.50 6.30 11.40	10.29
08 71 11 00-0903 EA 20" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	148.19 6.30 11.40	10.29
08 71 11 00-0904 EA 20" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.88 6.30 11.40	10.29
08 71 11 00-0905 EA 20" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.57 6.30 11.40	10.29
08 71 11 00-0906 EA 20" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.54 6.30 11.40	10.86
08 71 11 00-0907 EA 20" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.23 6.30 11.40	10.86
08 71 11 00-0908 EA 20" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.91 6.30 11.40	10.86
08 71 11 00-0909 EA 20" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.89 6.30 11.40	11.43
08 71 11 00-0910 EA 20" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.58 6.30 11.40	11.43
08 71 11 00-0911 EA 20" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.27 6.30 11.40	11.43
08 71 11 00-0912 EA 22" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.80 6.30 11.40	9.72
08 71 11 00-0913 EA 22" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.16 6.30 11.40	9.72
08 71 11 00-0914 EA 22" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.51 6.30 11.40	9.72
08 71 11 00-0915 EA 22" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	141.87 6.30 11.40	9.72
08 71 11 00-0916 EA 22" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.55 6.30 11.40	10.29
08 71 11 00-0917 EA 22" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.90 6.30 11.40	10.29
08 71 11 00-0918 EA 22" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.26 6.30 11.40	10.29
08 71 11 00-0919 EA 22" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.61 6.30 11.40	10.29

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0920	EA	22" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	183.25	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0921	EA	22" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	190.60	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0922	EA	22" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	197.96	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0923	EA	22" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	207.61	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0924	EA	22" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	214.96	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0925	EA	22" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	222.32	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0926	EA	24" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	127.16	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0927	EA	24" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	135.18	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0928	EA	24" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	143.23	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0929	EA	24" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	151.25	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0930	EA	24" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	161.57	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0931	EA	24" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	169.59	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0932	EA	24" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	177.61	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0933	EA	24" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	185.66	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0934	EA	24" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	195.96	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0935	EA	24" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	203.98	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0936	EA	24" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	212.01	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0937	EA	24" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	222.32	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0938	EA	24" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	230.37	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0939	EA	24" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Kick Plate	.....	238.39	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0940		Brass Base Material Kick Plate (08 71 11 00-0811)			
08 71 11 00-0941		Bright/Satin Brass Finish, Brass Kick Plate (08 71 11 00-0940)			
08 71 11 00-0942	EA	8" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	126.44	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0943	EA	8" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	134.81	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0944	EA	8" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	143.21	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0945	EA	8" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	151.57	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0946	EA	8" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	162.23	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0947	EA	8" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	170.65	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-0948	EA	8" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate	.....	179.02	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0949 EA 8" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.39 1.76 11.40	9.14
08 71 11 00-0950 EA 8" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.04 1.76 11.40	9.72
08 71 11 00-0951 EA 8" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.40 1.76 11.40	9.72
08 71 11 00-0952 EA 8" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.77 1.76 11.40	9.72
08 71 11 00-0953 EA 8" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.43 1.76 11.40	10.29
08 71 11 00-0954 EA 8" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	233.85 1.76 11.40	10.29
08 71 11 00-0955 EA 8" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.22 1.76 11.40	10.29
08 71 11 00-0956 EA 10" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.50 1.76 11.40	8.58
08 71 11 00-0957 EA 10" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.94 1.76 11.40	8.58
08 71 11 00-0958 EA 10" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.43 1.76 11.40	8.58
08 71 11 00-0959 EA 10" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.90 1.76 11.40	8.58
08 71 11 00-0960 EA 10" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	193.63 1.76 11.40	9.14
08 71 11 00-0961 EA 10" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.12 1.76 11.40	9.14
08 71 11 00-0962 EA 10" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.62 1.76 11.40	9.14
08 71 11 00-0963 EA 10" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.08 1.76 11.40	9.14
08 71 11 00-0964 EA 10" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.80 1.76 11.40	9.72
08 71 11 00-0965 EA 10" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	248.30 1.76 11.40	9.72
08 71 11 00-0966 EA 10" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	258.79 1.76 11.40	9.72
08 71 11 00-0967 EA 10" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.52 1.76 11.40	10.29
08 71 11 00-0968 EA 10" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.01 1.76 11.40	10.29
08 71 11 00-0969 EA 10" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	292.48 1.76 11.40	10.29
08 71 11 00-0970 EA 12" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	172.48 1.76 11.40	8.58
08 71 11 00-0971 EA 12" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.10 1.76 11.40	8.58
08 71 11 00-0972 EA 12" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	197.63 1.76 11.40	8.58
08 71 11 00-0973 EA 12" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	210.20 1.76 11.40	8.58
08 71 11 00-0974 EA 12" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	225.08 1.76 11.40	9.14
08 71 11 00-0975 EA 12" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.65 1.76 11.40	9.14
08 71 11 00-0976 EA 12" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	250.21 1.76 11.40	9.14
08 71 11 00-0977 EA 12" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	262.75 1.76 11.40	9.14

08 Openings**08 70 Hardware**

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-0978	EA	12" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	277.65	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0979	EA	12" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	290.19	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0980	EA	12" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	302.75	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0981	EA	12" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	317.61	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0982	EA	12" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	330.14	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0983	EA	12" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	342.77	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0984	EA	14" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	197.85	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0985	EA	14" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	212.49	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0986	EA	14" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	227.15	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0987	EA	14" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	241.85	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0988	EA	14" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	258.79	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0989	EA	14" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	273.45	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0990	EA	14" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	288.09	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0991	EA	14" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	302.75	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0992	EA	14" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	319.71	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0993	EA	14" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	334.37	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0994	EA	14" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	349.01	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0995	EA	14" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	365.95	10.86	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0996	EA	14" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	380.64	10.86	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0997	EA	14" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	395.31	10.86	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0998	EA	16" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	279.40	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-0999	EA	16" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	301.52	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1000	EA	16" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	323.59	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1001	EA	16" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	345.63	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1002	EA	16" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	369.98	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1003	EA	16" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	392.08	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1004	EA	16" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	414.18	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1005	EA	16" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	436.19	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1006	EA	16" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	460.60	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1007 EA 16" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	482.70 1.76 11.40	10.29
08 71 11 00-1008 EA 16" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	504.77 1.76 11.40	10.29
08 71 11 00-1009 EA 16" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	529.09 1.76 11.40	10.86
08 71 11 00-1010 EA 16" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	551.16 1.76 11.40	10.86
08 71 11 00-1011 EA 16" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	573.26 1.76 11.40	10.86
08 71 11 00-1012 EA 18" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	309.28 6.30 11.40	9.14
08 71 11 00-1013 EA 18" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	334.06 6.30 11.40	9.14
08 71 11 00-1014 EA 18" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	358.81 6.30 11.40	9.14
08 71 11 00-1015 EA 18" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	383.65 6.30 11.40	9.14
08 71 11 00-1016 EA 18" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	410.71 6.30 11.40	9.72
08 71 11 00-1017 EA 18" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	435.46 6.30 11.40	9.72
08 71 11 00-1018 EA 18" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	460.30 6.30 11.40	9.72
08 71 11 00-1019 EA 18" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	485.05 6.30 11.40	9.72
08 71 11 00-1020 EA 18" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	512.17 6.30 11.40	10.29
08 71 11 00-1021 EA 18" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	536.96 6.30 11.40	10.29
08 71 11 00-1022 EA 18" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	561.71 6.30 11.40	10.29
08 71 11 00-1023 EA 18" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	588.82 6.30 11.40	10.86
08 71 11 00-1024 EA 18" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	613.58 6.30 11.40	10.86
08 71 11 00-1025 EA 18" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	638.36 6.30 11.40	10.86
08 71 11 00-1026 EA 20" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.85 6.30 11.40	9.72
08 71 11 00-1027 EA 20" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	369.37 6.30 11.40	9.72
08 71 11 00-1028 EA 20" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	396.95 6.30 11.40	9.72
08 71 11 00-1029 EA 20" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	424.44 6.30 11.40	9.72
08 71 11 00-1030 EA 20" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	454.31 6.30 11.40	10.29
08 71 11 00-1031 EA 20" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	481.86 6.30 11.40	10.29
08 71 11 00-1032 EA 20" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	509.38 6.30 11.40	10.29
08 71 11 00-1033 EA 20" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	536.96 6.30 11.40	10.29
08 71 11 00-1034 EA 20" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	566.73 6.30 11.40	10.86
08 71 11 00-1035 EA 20" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	594.31 6.30 11.40	10.86

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1036	EA		20" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	621.85 6.30 11.40	10.86
08 71 11 00-1037	EA		20" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	651.67 6.30 11.40	11.43
08 71 11 00-1038	EA		20" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	679.24 6.30 11.40	11.43
08 71 11 00-1039	EA		20" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	706.74 6.30 11.40	11.43
08 71 11 00-1040	EA		22" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	372.17 6.30 11.40	9.72
08 71 11 00-1041	EA		22" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	402.43 6.30 11.40	9.72
08 71 11 00-1042	EA		22" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	432.72 6.30 11.40	9.72
08 71 11 00-1043	EA		22" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	463.04 6.30 11.40	9.72
08 71 11 00-1044	EA		22" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	495.62 6.30 11.40	10.29
08 71 11 00-1045	EA		22" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	525.94 6.30 11.40	10.29
08 71 11 00-1046	EA		22" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	556.23 6.30 11.40	10.29
08 71 11 00-1047	EA		22" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	586.54 6.30 11.40	10.29
08 71 11 00-1048	EA		22" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	619.09 6.30 11.40	10.86
08 71 11 00-1049	EA		22" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	649.38 6.30 11.40	10.86
08 71 11 00-1050	EA		22" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	679.69 6.30 11.40	10.86
08 71 11 00-1051	EA		22" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	712.27 6.30 11.40	11.43
08 71 11 00-1052	EA		22" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	742.59 6.30 11.40	11.43
08 71 11 00-1053	EA		22" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	772.82 6.30 11.40	11.43
08 71 11 00-1054	EA		24" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	402.43 6.30 11.40	9.72
08 71 11 00-1055	EA		24" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	435.46 6.30 11.40	9.72
08 71 11 00-1056	EA		24" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	468.55 6.30 11.40	9.72
08 71 11 00-1057	EA		24" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	501.61 6.30 11.40	9.72
08 71 11 00-1058	EA		24" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	536.96 6.30 11.40	10.29
08 71 11 00-1059	EA		24" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	569.99 6.30 11.40	10.29
08 71 11 00-1060	EA		24" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	603.04 6.30 11.40	10.29
08 71 11 00-1061	EA		24" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	637.91 6.30 11.40	10.29
08 71 11 00-1062	EA		24" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	671.41 6.30 11.40	10.86
08 71 11 00-1063	EA		24" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	704.45 6.30 11.40	10.86
08 71 11 00-1064	EA		24" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	737.50 6.30 11.40	10.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1065 EA 24" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	772.82	11.43
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1066 EA 24" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	805.94	11.43
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1067 EA 24" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Kick Plate.....	838.97	11.43
<i>For Four Beveled Edges, Add</i>	6.30	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1068 Bright/Satin Chrome Finish, Stainless Kick Plate <small>(08 71 11 00-0940)</small>		
08 71 11 00-1069 EA 8" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	136.20	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1070 EA 8" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	145.46	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1071 EA 8" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	154.73	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1072 EA 8" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	164.00	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1073 EA 8" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	175.55	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1074 EA 8" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	184.79	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1075 EA 8" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	194.06	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1076 EA 8" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	203.32	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1077 EA 8" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	214.87	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1078 EA 8" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	224.17	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1079 EA 8" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	233.43	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1080 EA 8" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	244.99	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1081 EA 8" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	254.26	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1082 EA 8" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	263.53	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1083 EA 10" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	161.69	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1084 EA 10" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	173.26	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1085 EA 10" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	184.84	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1086 EA 10" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	196.42	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1087 EA 10" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	210.31	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1088 EA 10" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	221.89	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1089 EA 10" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	233.46	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1090 EA 10" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	245.04	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1091 EA 10" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	258.90	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1092 EA 10" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	270.47	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1093 EA 10" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	282.05	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1094	EA		10" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	295.92 1.76 11.40	10.29
08 71 11 00-1095	EA		10" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	307.49 1.76 11.40	10.29
08 71 11 00-1096	EA		10" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	319.07 1.76 11.40	10.29
08 71 11 00-1097	EA		12" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.15 1.76 11.40	8.58
08 71 11 00-1098	EA		12" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.03 1.76 11.40	8.58
08 71 11 00-1099	EA		12" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.98 1.76 11.40	8.58
08 71 11 00-1100	EA		12" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	228.86 1.76 11.40	8.58
08 71 11 00-1101	EA		12" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	245.04 1.76 11.40	9.14
08 71 11 00-1102	EA		12" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	258.96 1.76 11.40	9.14
08 71 11 00-1103	EA		12" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	272.84 1.76 11.40	9.14
08 71 11 00-1104	EA		12" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	286.73 1.76 11.40	9.14
08 71 11 00-1105	EA		12" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	302.89 1.76 11.40	9.72
08 71 11 00-1106	EA		12" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	316.78 1.76 11.40	9.72
08 71 11 00-1107	EA		12" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.69 1.76 11.40	9.72
08 71 11 00-1108	EA		12" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	346.87 1.76 11.40	10.29
08 71 11 00-1109	EA		12" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	360.81 1.76 11.40	10.29
08 71 11 00-1110	EA		12" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	374.70 1.76 11.40	10.29
08 71 11 00-1111	EA		14" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.90 1.76 11.40	9.14
08 71 11 00-1112	EA		14" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	231.15 1.76 11.40	9.14
08 71 11 00-1113	EA		14" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	247.38 1.76 11.40	9.14
08 71 11 00-1114	EA		14" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	263.57 1.76 11.40	9.14
08 71 11 00-1115	EA		14" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.05 1.76 11.40	9.72
08 71 11 00-1116	EA		14" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	298.27 1.76 11.40	9.72
08 71 11 00-1117	EA		14" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	314.47 1.76 11.40	9.72
08 71 11 00-1118	EA		14" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	330.69 1.76 11.40	9.72
08 71 11 00-1119	EA		14" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.24 1.76 11.40	10.29
08 71 11 00-1120	EA		14" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	365.43 1.76 11.40	10.29
08 71 11 00-1121	EA		14" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	381.63 1.76 11.40	10.29
08 71 11 00-1122	EA		14" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	370.90 1.76 11.40	10.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1123 EA 14" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	416.33 1.76 11.40	10.86
08 71 11 00-1124 EA 14" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	432.55 1.76 11.40	10.86
08 71 11 00-1125 EA 16" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	308.33 1.76 11.40	9.14
08 71 11 00-1126 EA 16" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	333.06 1.76 11.40	9.14
08 71 11 00-1127 EA 16" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	357.76 1.76 11.40	9.14
08 71 11 00-1128 EA 16" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	382.46 1.76 11.40	9.14
08 71 11 00-1129 EA 16" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	409.45 1.76 11.40	9.72
08 71 11 00-1130 EA 16" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	434.15 1.76 11.40	9.72
08 71 11 00-1131 EA 16" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	458.88 1.76 11.40	9.72
08 71 11 00-1132 EA 16" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	483.58 1.76 11.40	9.72
08 71 11 00-1133 EA 16" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	510.57 1.76 11.40	10.29
08 71 11 00-1134 EA 16" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	535.28 1.76 11.40	10.29
08 71 11 00-1135 EA 16" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	559.98 1.76 11.40	10.29
08 71 11 00-1136 EA 16" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	586.96 1.76 11.40	10.86
08 71 11 00-1137 EA 16" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	611.66 1.76 11.40	10.86
08 71 11 00-1138 EA 16" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	636.36 1.76 11.40	10.86
08 71 11 00-1139 EA 18" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.42 6.30 11.40	9.14
08 71 11 00-1140 EA 18" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	369.16 6.30 11.40	9.14
08 71 11 00-1141 EA 18" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	396.85 6.30 11.40	9.14
08 71 11 00-1142 EA 18" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	424.59 6.30 11.40	9.14
08 71 11 00-1143 EA 18" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	454.55 6.30 11.40	9.72
08 71 11 00-1144 EA 18" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	482.27 6.30 11.40	9.72
08 71 11 00-1145 EA 18" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	509.98 6.30 11.40	9.72
08 71 11 00-1146 EA 18" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	537.69 6.30 11.40	9.72
08 71 11 00-1147 EA 18" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	567.67 6.30 11.40	10.29
08 71 11 00-1148 EA 18" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	595.41 6.30 11.40	10.29
08 71 11 00-1149 EA 18" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	623.15 6.30 11.40	10.29
08 71 11 00-1150 EA 18" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	653.11 6.30 11.40	10.86
08 71 11 00-1151 EA 18" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	680.86 6.30 11.40	10.86

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1152	EA		18" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	708.54	10.86
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1153	EA		20" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	377.55	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1154	EA		20" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	408.39	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1155	EA		20" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	439.15	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1156	EA		20" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	469.99	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1157	EA		20" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	503.03	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1158	EA		20" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	533.81	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1159	EA		20" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	564.63	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1160	EA		20" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	595.41	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1161	EA		20" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	628.53	10.86
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1162	EA		20" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	659.28	10.86
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1163	EA		20" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	690.06	10.86
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1164	EA		20" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	723.17	11.43
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1165	EA		20" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Brass Kick Plate.....	753.95	11.43
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1166	EA		20" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	784.76	11.43
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1167	EA		22" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	411.43	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1168	EA		22" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	445.34	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1169	EA		22" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	479.20	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1170	EA		22" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	513.05	9.72
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1171	EA		22" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	549.25	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1172	EA		22" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	583.10	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1173	EA		22" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	616.98	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1174	EA		22" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	650.83	10.29
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1175	EA		22" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	687.02	10.86
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1176	EA		22" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	720.88	10.86
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1177	EA		22" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	754.76	10.86
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1178	EA		22" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	790.90	11.43
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1179	EA		22" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	824.75	11.43
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1180	EA		22" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate.....	858.66	11.43
			<i>For Four Beveled Edges, Add</i>	6.30	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1181 EA 24" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	445.34 6.30 11.40	9.72
08 71 11 00-1182 EA 24" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	482.27 6.30 11.40	9.72
08 71 11 00-1183 EA 24" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	519.22 6.30 11.40	9.72
08 71 11 00-1184 EA 24" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	556.17 6.30 11.40	9.72
08 71 11 00-1185 EA 24" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	595.41 6.30 11.40	10.29
08 71 11 00-1186 EA 24" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	632.36 6.30 11.40	10.29
08 71 11 00-1187 EA 24" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	669.37 6.30 11.40	10.29
08 71 11 00-1188 EA 24" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	706.26 6.30 11.40	10.29
08 71 11 00-1189 EA 24" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	745.49 6.30 11.40	10.86
08 71 11 00-1190 EA 24" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	782.47 6.30 11.40	10.86
08 71 11 00-1191 EA 24" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	819.42 6.30 11.40	10.86
08 71 11 00-1192 EA 24" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	858.66 6.30 11.40	11.43
08 71 11 00-1193 EA 24" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	895.61 6.30 11.40	11.43
08 71 11 00-1194 EA 24" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	932.56 6.30 11.40	11.43
08 71 11 00-1195 Satin/Dark Bronze Finish, Brass Kick Plate <small>(08 71 11 00-0940)</small>		
08 71 11 00-1196 EA 8" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.71 1.76 11.40	8.58
08 71 11 00-1197 EA 8" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.07 1.76 11.40	8.58
08 71 11 00-1198 EA 8" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	156.52 1.76 11.40	8.58
08 71 11 00-1199 EA 8" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.87 1.76 11.40	8.58
08 71 11 00-1200 EA 8" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	177.61 1.76 11.40	9.14
08 71 11 00-1201 EA 8" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.99 1.76 11.40	9.14
08 71 11 00-1202 EA 8" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	196.41 1.76 11.40	9.14
08 71 11 00-1203 EA 8" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	205.80 1.76 11.40	9.14
08 71 11 00-1204 EA 8" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	217.43 1.76 11.40	9.72
08 71 11 00-1205 EA 8" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.88 1.76 11.40	9.72
08 71 11 00-1206 EA 8" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	236.26 1.76 11.40	9.72
08 71 11 00-1207 EA 8" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	247.97 1.76 11.40	10.29
08 71 11 00-1208 EA 8" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	257.36 1.76 11.40	10.29
08 71 11 00-1209 EA 8" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.77 1.76 11.40	10.29

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1210	EA	10" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	163.54	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1211	EA	10" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	175.32	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1212	EA	10" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	187.04	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1213	EA	10" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	198.78	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1214	EA	10" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	212.82	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1215	EA	10" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	224.60	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1216	EA	10" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	236.32	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1217	EA	10" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	248.06	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1218	EA	10" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	262.12	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1219	EA	10" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	273.87	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1220	EA	10" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	285.59	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1221	EA	10" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	299.68	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1222	EA	10" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	311.40	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1223	EA	10" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	323.15	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1224	EA	12" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	189.40	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1225	EA	12" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	203.51	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1226	EA	12" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	217.59	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1227	EA	12" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	231.69	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1228	EA	12" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	248.06	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1229	EA	12" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	262.20	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1230	EA	12" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	276.31	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1231	EA	12" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	290.39	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1232	EA	12" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	306.78	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1233	EA	12" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	320.86	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1234	EA	12" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	334.94	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1235	EA	12" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	351.34	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1236	EA	12" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	365.47	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1237	EA	12" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	379.55	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1238	EA	14" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate	.....	217.51	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1239 EA 14" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	233.98 1.76 11.40	9.14
08 71 11 00-1240 EA 14" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	250.42 1.76 11.40	9.14
08 71 11 00-1241 EA 14" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.86 1.76 11.40	9.14
08 71 11 00-1242 EA 14" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.59 1.76 11.40	9.72
08 71 11 00-1243 EA 14" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	302.06 1.76 11.40	9.72
08 71 11 00-1244 EA 14" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	318.50 1.76 11.40	9.72
08 71 11 00-1245 EA 14" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	334.94 1.76 11.40	9.72
08 71 11 00-1246 EA 14" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	353.70 1.76 11.40	10.29
08 71 11 00-1247 EA 14" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	370.14 1.76 11.40	10.29
08 71 11 00-1248 EA 14" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	386.58 1.76 11.40	10.29
08 71 11 00-1249 EA 14" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	405.33 1.76 11.40	10.86
08 71 11 00-1250 EA 14" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	421.83 1.76 11.40	10.86
08 71 11 00-1251 EA 14" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	438.27 1.76 11.40	10.86
08 71 11 00-1252 EA 16" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	307.56 1.76 11.40	9.14
08 71 11 00-1253 EA 16" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	332.22 1.76 11.40	9.14
08 71 11 00-1254 EA 16" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	356.85 1.76 11.40	9.14
08 71 11 00-1255 EA 16" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	381.48 1.76 11.40	9.14
08 71 11 00-1256 EA 16" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	408.39 1.76 11.40	9.72
08 71 11 00-1257 EA 16" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	433.03 1.76 11.40	9.72
08 71 11 00-1258 EA 16" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	457.69 1.76 11.40	9.72
08 71 11 00-1259 EA 16" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	482.32 1.76 11.40	9.72
08 71 11 00-1260 EA 16" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	509.24 1.76 11.40	10.29
08 71 11 00-1261 EA 16" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	533.87 1.76 11.40	10.29
08 71 11 00-1262 EA 16" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	558.50 1.76 11.40	10.29
08 71 11 00-1263 EA 16" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	585.42 1.76 11.40	10.86
08 71 11 00-1264 EA 16" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	610.05 1.76 11.40	10.86
08 71 11 00-1265 EA 16" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	634.68 1.76 11.40	10.86
08 71 11 00-1266 EA 18" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	340.56 6.30 11.40	9.14
08 71 11 00-1267 EA 18" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	368.22 6.30 11.40	9.14

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1268	EA		18" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	395.82 6.30 11.40	9.14
08 71 11 00-1269	EA		18" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	423.49 6.30 11.40	9.14
08 71 11 00-1270	EA		18" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	453.37 6.30 11.40	9.72
08 71 11 00-1271	EA		18" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	481.01 6.30 11.40	9.72
08 71 11 00-1272	EA		18" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	508.64 6.30 11.40	9.72
08 71 11 00-1273	EA		18" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	536.28 6.30 11.40	9.72
08 71 11 00-1274	EA		18" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	566.17 6.30 11.40	10.29
08 71 11 00-1275	EA		18" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	593.83 6.30 11.40	10.29
08 71 11 00-1276	EA		18" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	621.50 6.30 11.40	10.29
08 71 11 00-1277	EA		18" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	651.38 6.30 11.40	10.86
08 71 11 00-1278	EA		18" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	679.05 6.30 11.40	10.86
08 71 11 00-1279	EA		18" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	706.65 6.30 11.40	10.86
08 71 11 00-1280	EA		20" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	376.59 6.30 11.40	9.72
08 71 11 00-1281	EA		20" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	407.35 6.30 11.40	9.72
08 71 11 00-1282	EA		20" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	438.01 6.30 11.40	9.72
08 71 11 00-1283	EA		20" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	468.76 6.30 11.40	9.72
08 71 11 00-1284	EA		20" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	501.72 6.30 11.40	10.29
08 71 11 00-1285	EA		20" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	532.41 6.30 11.40	10.29
08 71 11 00-1286	EA		20" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	563.14 6.30 11.40	10.29
08 71 11 00-1287	EA		20" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	593.83 6.30 11.40	10.29
08 71 11 00-1288	EA		20" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	626.87 6.30 11.40	10.86
08 71 11 00-1289	EA		20" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	657.53 6.30 11.40	10.86
08 71 11 00-1290	EA		20" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	688.23 6.30 11.40	10.86
08 71 11 00-1291	EA		20" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	721.24 6.30 11.40	11.43
08 71 11 00-1292	EA		20" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	751.94 6.30 11.40	11.43
08 71 11 00-1293	EA		20" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	782.66 6.30 11.40	11.43
08 71 11 00-1294	EA		22" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	410.38 6.30 11.40	9.72
08 71 11 00-1295	EA		22" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	444.19 6.30 11.40	9.72
08 71 11 00-1296	EA		22" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	477.95 6.30 11.40	9.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1297 EA 22" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	511.70 6.30 11.40	9.72
08 71 11 00-1298 EA 22" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	547.81 6.30 11.40	10.29
08 71 11 00-1299 EA 22" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	581.56 6.30 11.40	10.29
08 71 11 00-1300 EA 22" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	615.35 6.30 11.40	10.29
08 71 11 00-1301 EA 22" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	649.10 6.30 11.40	10.29
08 71 11 00-1302 EA 22" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	685.20 6.30 11.40	10.86
08 71 11 00-1303 EA 22" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	718.95 6.30 11.40	10.86
08 71 11 00-1304 EA 22" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	752.74 6.30 11.40	10.86
08 71 11 00-1305 EA 22" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	788.78 6.30 11.40	11.43
08 71 11 00-1306 EA 22" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	822.54 6.30 11.40	11.43
08 71 11 00-1307 EA 22" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	856.35 6.30 11.40	11.43
08 71 11 00-1308 EA 24" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	444.19 6.30 11.40	9.72
08 71 11 00-1309 EA 24" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	481.01 6.30 11.40	9.72
08 71 11 00-1310 EA 24" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	517.85 6.30 11.40	9.72
08 71 11 00-1311 EA 24" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	554.70 6.30 11.40	9.72
08 71 11 00-1312 EA 24" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	593.83 6.30 11.40	10.29
08 71 11 00-1313 EA 24" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	630.68 6.30 11.40	10.29
08 71 11 00-1314 EA 24" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	667.58 6.30 11.40	10.29
08 71 11 00-1315 EA 24" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	704.37 6.30 11.40	10.29
08 71 11 00-1316 EA 24" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	743.50 6.30 11.40	10.86
08 71 11 00-1317 EA 24" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	780.37 6.30 11.40	10.86
08 71 11 00-1318 EA 24" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	817.22 6.30 11.40	10.86
08 71 11 00-1319 EA 24" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	856.35 6.30 11.40	11.43
08 71 11 00-1320 EA 24" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	893.20 6.30 11.40	11.43
08 71 11 00-1321 EA 24" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	930.04 6.30 11.40	11.43
08 71 11 00-1322 Satin Nickel Finish, Stainless Kick Plate <small>(08 71 11 00-0940)</small>		
08 71 11 00-1323 EA 8" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.91 1.76 11.40	8.58
08 71 11 00-1324 EA 8" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.46 1.76 11.40	8.58
08 71 11 00-1325 EA 8" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.11 1.76 11.40	8.58

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1326	EA		8" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.66 1.76 11.40	8.58
08 71 11 00-1327	EA		8" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.60 1.76 11.40	9.14
08 71 11 00-1328	EA		8" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.18 1.76 11.40	9.14
08 71 11 00-1329	EA		8" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.80 1.76 11.40	9.14
08 71 11 00-1330	EA		8" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	209.38 1.76 11.40	9.14
08 71 11 00-1331	EA		8" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.22 1.76 11.40	9.72
08 71 11 00-1332	EA		8" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	230.86 1.76 11.40	9.72
08 71 11 00-1333	EA		8" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	240.45 1.76 11.40	9.72
08 71 11 00-1334	EA		8" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	252.35 1.76 11.40	10.29
08 71 11 00-1335	EA		8" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	261.94 1.76 11.40	10.29
08 71 11 00-1336	EA		8" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.55 1.76 11.40	10.29
08 71 11 00-1337	EA		10" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	166.28 1.76 11.40	8.58
08 71 11 00-1338	EA		10" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.31 1.76 11.40	8.58
08 71 11 00-1339	EA		10" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.27 1.76 11.40	8.58
08 71 11 00-1340	EA		10" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.27 1.76 11.40	8.58
08 71 11 00-1341	EA		10" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	216.56 1.76 11.40	9.14
08 71 11 00-1342	EA		10" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	228.58 1.76 11.40	9.14
08 71 11 00-1343	EA		10" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	240.55 1.76 11.40	9.14
08 71 11 00-1344	EA		10" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	252.55 1.76 11.40	9.14
08 71 11 00-1345	EA		10" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.85 1.76 11.40	9.72
08 71 11 00-1346	EA		10" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.85 1.76 11.40	9.72
08 71 11 00-1347	EA		10" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.82 1.76 11.40	9.72
08 71 11 00-1348	EA		10" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	305.16 1.76 11.40	10.29
08 71 11 00-1349	EA		10" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	317.13 1.76 11.40	10.29
08 71 11 00-1350	EA		10" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	329.13 1.76 11.40	10.29
08 71 11 00-1351	EA		12" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.69 1.76 11.40	8.58
08 71 11 00-1352	EA		12" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	207.09 1.76 11.40	8.58
08 71 11 00-1353	EA		12" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.47 1.76 11.40	8.58
08 71 11 00-1354	EA		12" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	235.88 1.76 11.40	8.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1355 EA 12" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	252.55 1.76 11.40	9.14
08 71 11 00-1356 EA 12" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.98 1.76 11.40	9.14
08 71 11 00-1357 EA 12" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	281.39 1.76 11.40	9.14
08 71 11 00-1358 EA 12" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	295.77 1.76 11.40	9.14
08 71 11 00-1359 EA 12" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	312.46 1.76 11.40	9.72
08 71 11 00-1360 EA 12" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	326.84 1.76 11.40	9.72
08 71 11 00-1361 EA 12" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.21 1.76 11.40	9.72
08 71 11 00-1362 EA 12" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	357.91 1.76 11.40	10.29
08 71 11 00-1363 EA 12" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	372.35 1.76 11.40	10.29
08 71 11 00-1364 EA 12" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	386.73 1.76 11.40	10.29
08 71 11 00-1365 EA 14" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.35 1.76 11.40	9.14
08 71 11 00-1366 EA 14" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	238.17 1.76 11.40	9.14
08 71 11 00-1367 EA 14" x 26", 0.050" Thick, Satin Nickel Finish, Brass Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	254.96 1.76 11.40	9.14
08 71 11 00-1368 EA 14" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	271.75 1.76 11.40	9.14
08 71 11 00-1369 EA 14" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.82 1.76 11.40	9.72
08 71 11 00-1370 EA 14" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	307.64 1.76 11.40	9.72
08 71 11 00-1371 EA 14" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	324.42 1.76 11.40	9.72
08 71 11 00-1372 EA 14" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.21 1.76 11.40	9.72
08 71 11 00-1373 EA 14" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	360.32 1.76 11.40	10.29
08 71 11 00-1374 EA 14" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	377.11 1.76 11.40	10.29
08 71 11 00-1375 EA 14" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	393.90 1.76 11.40	10.29
08 71 11 00-1376 EA 14" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	413.00 1.76 11.40	10.86
08 71 11 00-1377 EA 14" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	429.85 1.76 11.40	10.86
08 71 11 00-1378 EA 14" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	446.64 1.76 11.40	10.86
08 71 11 00-1379 EA 16" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	313.30 1.76 11.40	9.14
08 71 11 00-1380 EA 16" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	338.49 1.76 11.40	9.14
08 71 11 00-1381 EA 16" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	363.64 1.76 11.40	9.14
08 71 11 00-1382 EA 16" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	388.80 1.76 11.40	9.14
08 71 11 00-1383 EA 16" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	416.23 1.76 11.40	9.72

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1384	EA		16" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	441.38 1.76 11.40	9.72
08 71 11 00-1385	EA		16" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	466.57 1.76 11.40	9.72
08 71 11 00-1386	EA		16" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	491.72 1.76 11.40	9.72
08 71 11 00-1387	EA		16" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	519.16 1.76 11.40	10.29
08 71 11 00-1388	EA		16" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	544.32 1.76 11.40	10.29
08 71 11 00-1389	EA		16" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	569.47 1.76 11.40	10.29
08 71 11 00-1390	EA		16" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	596.91 1.76 11.40	10.86
08 71 11 00-1391	EA		16" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	622.06 1.76 11.40	10.86
08 71 11 00-1392	EA		16" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	647.21 1.76 11.40	10.86
08 71 11 00-1393	EA		18" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	347.00 6.30 11.40	9.14
08 71 11 00-1394	EA		18" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	375.25 6.30 11.40	9.14
08 71 11 00-1395	EA		18" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	403.44 6.30 11.40	9.14
08 71 11 00-1396	EA		18" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	431.69 6.30 11.40	9.14
08 71 11 00-1397	EA		18" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	462.16 6.30 11.40	9.72
08 71 11 00-1398	EA		18" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	490.38 6.30 11.40	9.72
08 71 11 00-1399	EA		18" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	518.60 6.30 11.40	9.72
08 71 11 00-1400	EA		18" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	546.82 6.30 11.40	9.72
08 71 11 00-1401	EA		18" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	577.30 6.30 11.40	10.29
08 71 11 00-1402	EA		18" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	605.55 6.30 11.40	10.29
08 71 11 00-1403	EA		18" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	633.80 6.30 11.40	10.29
08 71 11 00-1404	EA		18" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	664.27 6.30 11.40	10.86
08 71 11 00-1405	EA		18" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	692.52 6.30 11.40	10.86
08 71 11 00-1406	EA		18" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	720.71 6.30 11.40	10.86
08 71 11 00-1407	EA		20" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	383.75 6.30 11.40	9.72
08 71 11 00-1408	EA		20" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	415.16 6.30 11.40	9.72
08 71 11 00-1409	EA		20" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	446.47 6.30 11.40	9.72
08 71 11 00-1410	EA		20" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	477.88 6.30 11.40	9.72
08 71 11 00-1411	EA		20" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	511.48 6.30 11.40	10.29
08 71 11 00-1412	EA		20" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	542.83 6.30 11.40	10.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1413 EA 20" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	574.21 6.30 11.40	10.29
08 71 11 00-1414 EA 20" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	605.55 6.30 11.40	10.29
08 71 11 00-1415 EA 20" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	639.24 6.30 11.40	10.86
08 71 11 00-1416 EA 20" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	670.55 6.30 11.40	10.86
08 71 11 00-1417 EA 20" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	701.90 6.30 11.40	10.86
08 71 11 00-1418 EA 20" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	735.56 6.30 11.40	11.43
08 71 11 00-1419 EA 20" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	766.91 6.30 11.40	11.43
08 71 11 00-1420 EA 20" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	798.28 6.30 11.40	11.43
08 71 11 00-1421 EA 22" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	418.25 6.30 11.40	9.72
08 71 11 00-1422 EA 22" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	452.78 6.30 11.40	9.72
08 71 11 00-1423 EA 22" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	487.26 6.30 11.40	9.72
08 71 11 00-1424 EA 22" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	521.73 6.30 11.40	9.72
08 71 11 00-1425 EA 22" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	558.55 6.30 11.40	10.29
08 71 11 00-1426 EA 22" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	593.02 6.30 11.40	10.29
08 71 11 00-1427 EA 22" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	627.52 6.30 11.40	10.29
08 71 11 00-1428 EA 22" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	661.99 6.30 11.40	10.29
08 71 11 00-1429 EA 22" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	698.80 6.30 11.40	10.86
08 71 11 00-1430 EA 22" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	733.27 6.30 11.40	10.86
08 71 11 00-1431 EA 22" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	767.77 6.30 11.40	10.86
08 71 11 00-1432 EA 22" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	804.54 6.30 11.40	11.43
08 71 11 00-1433 EA 22" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	839.01 6.30 11.40	11.43
08 71 11 00-1434 EA 22" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	873.54 6.30 11.40	11.43
08 71 11 00-1435 EA 24" x 22", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	452.78 6.30 11.40	9.72
08 71 11 00-1436 EA 24" x 24", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	490.38 6.30 11.40	9.72
08 71 11 00-1437 EA 24" x 26", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	528.01 6.30 11.40	9.72
08 71 11 00-1438 EA 24" x 28", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	565.63 6.30 11.40	9.72
08 71 11 00-1439 EA 24" x 30", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	605.55 6.30 11.40	10.29
08 71 11 00-1440 EA 24" x 32", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	643.18 6.30 11.40	10.29
08 71 11 00-1441 EA 24" x 34", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	680.86 6.30 11.40	10.29

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1442	EA	24" x 36", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....718.43	10.29	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1443	EA	24" x 38", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....758.34	10.86	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1444	EA	24" x 40", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....795.99	10.86	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1445	EA	24" x 42", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....833.62	10.86	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1446	EA	24" x 44", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....873.54	11.43	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1447	EA	24" x 46", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....911.17	11.43	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1448	EA	24" x 48", 0.050" Thick, Satin Nickel Finish, Stainless Kick Plate	.....948.79	11.43	
		<i>For Four Beveled Edges, Add</i>	6.30		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1449		Stainless Base Material Kick Plate (08 71 11 00-0811)			
08 71 11 00-1450		Satin Stainless Finish, Stainless Kick Plate (08 71 11 00-1449)			
08 71 11 00-1451	EA	8" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....65.96	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1452	EA	8" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....68.88	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1453	EA	8" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....71.71	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1454	EA	8" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....74.66	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1455	EA	8" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....79.81	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1456	EA	8" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....82.65	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1457	EA	8" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....85.59	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1458	EA	8" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....88.45	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1459	EA	8" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....93.62	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1460	EA	8" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....96.51	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1461	EA	8" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....99.37	9.72	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1462	EA	8" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....104.55	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1463	EA	8" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....107.44	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1464	EA	8" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....110.31	10.29	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1465	EA	10" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....73.89	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1466	EA	10" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....77.52	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1467	EA	10" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....81.13	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1468	EA	10" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....84.70	8.58	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1469	EA	10" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....90.63	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		
08 71 11 00-1470	EA	10" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....94.23	9.14	
		<i>For Four Beveled Edges, Add</i>	1.76		
		<i>For UL Label (Fire Rated), Add</i>	11.40		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1471 EA 10" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.81 1.76 11.40	9.14
08 71 11 00-1472 EA 10" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.39 1.76 11.40	9.14
08 71 11 00-1473 EA 10" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.33 1.76 11.40	9.72
08 71 11 00-1474 EA 10" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.90 1.76 11.40	9.72
08 71 11 00-1475 EA 10" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.48 1.76 11.40	9.72
08 71 11 00-1476 EA 10" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.41 1.76 11.40	10.29
08 71 11 00-1477 EA 10" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.01 1.76 11.40	10.29
08 71 11 00-1478 EA 10" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	127.59 1.76 11.40	10.29
08 71 11 00-1479 EA 12" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.84 1.76 11.40	8.58
08 71 11 00-1480 EA 12" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.16 1.76 11.40	8.58
08 71 11 00-1481 EA 12" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.48 1.76 11.40	8.58
08 71 11 00-1482 EA 12" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	94.80 1.76 11.40	8.58
08 71 11 00-1483 EA 12" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.39 1.76 11.40	9.14
08 71 11 00-1484 EA 12" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.74 1.76 11.40	9.14
08 71 11 00-1485 EA 12" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	110.03 1.76 11.40	9.14
08 71 11 00-1486 EA 12" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.38 1.76 11.40	9.14
08 71 11 00-1487 EA 12" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.95 1.76 11.40	9.72
08 71 11 00-1488 EA 12" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.30 1.76 11.40	9.72
08 71 11 00-1489 EA 12" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.65 1.76 11.40	9.72
08 71 11 00-1490 EA 12" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.23 1.76 11.40	10.29
08 71 11 00-1491 EA 12" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.58 1.76 11.40	10.29
08 71 11 00-1492 EA 12" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.87 1.76 11.40	10.29
08 71 11 00-1493 EA 14" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.06 1.76 11.40	9.14
08 71 11 00-1494 EA 14" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.09 1.76 11.40	9.14
08 71 11 00-1495 EA 14" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.16 1.76 11.40	9.14
08 71 11 00-1496 EA 14" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.19 1.76 11.40	9.14
08 71 11 00-1497 EA 14" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.48 1.76 11.40	9.72
08 71 11 00-1498 EA 14" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.55 1.76 11.40	9.72
08 71 11 00-1499 EA 14" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	124.58 1.76 11.40	9.72

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1500	EA	14" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	129.65	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1501	EA	14" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	137.00	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1502	EA	14" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	141.98	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1503	EA	14" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	147.04	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1504	EA	14" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	154.39	10.86
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1505	EA	14" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	159.42	10.86
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1506	EA	14" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	164.49	10.86
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1507	EA	16" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	104.13	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1508	EA	16" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	110.57	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1509	EA	16" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	116.75	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1510	EA	16" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	122.90	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1511	EA	16" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	131.33	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1512	EA	16" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	137.51	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1513	EA	16" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	143.69	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1514	EA	16" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	149.85	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1515	EA	16" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	158.29	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1516	EA	16" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	164.50	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1517	EA	16" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	170.68	10.29
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1518	EA	16" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	179.62	10.86
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1519	EA	16" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	185.26	10.86
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1520	EA	16" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	191.44	10.86
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1521	EA	18" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	111.17	9.14
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1522	EA	18" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	117.98	9.14
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1523	EA	18" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	124.73	9.14
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1524	EA	18" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	131.51	9.14
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1525	EA	18" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	140.60	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1526	EA	18" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	147.36	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1527	EA	18" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	154.14	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1528	EA	18" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	160.89	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1529 EA 18" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.99 6.30 11.40	10.29
08 71 11 00-1530 EA 18" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.77 6.30 11.40	10.29
08 71 11 00-1531 EA 18" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	183.52 6.30 11.40	10.29
08 71 11 00-1532 EA 18" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	192.61 6.30 11.40	10.86
08 71 11 00-1533 EA 18" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.42 6.30 11.40	10.86
08 71 11 00-1534 EA 18" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.18 6.30 11.40	10.86
08 71 11 00-1535 EA 20" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.75 6.30 11.40	9.72
08 71 11 00-1536 EA 20" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.27 6.30 11.40	9.72
08 71 11 00-1537 EA 20" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.83 6.30 11.40	9.72
08 71 11 00-1538 EA 20" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.32 6.30 11.40	9.72
08 71 11 00-1539 EA 20" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.17 6.30 11.40	10.29
08 71 11 00-1540 EA 20" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	161.72 6.30 11.40	10.29
08 71 11 00-1541 EA 20" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.22 6.30 11.40	10.29
08 71 11 00-1542 EA 20" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.77 6.30 11.40	10.29
08 71 11 00-1543 EA 20" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	186.58 6.30 11.40	10.86
08 71 11 00-1544 EA 20" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	194.13 6.30 11.40	10.86
08 71 11 00-1545 EA 20" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	201.68 6.30 11.40	10.86
08 71 11 00-1546 EA 20" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	211.47 6.30 11.40	11.43
08 71 11 00-1547 EA 20" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	219.02 6.30 11.40	11.43
08 71 11 00-1548 EA 20" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.55 6.30 11.40	11.43
08 71 11 00-1549 EA 22" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	130.02 6.30 11.40	9.72
08 71 11 00-1550 EA 22" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.34 6.30 11.40	9.72
08 71 11 00-1551 EA 22" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	146.58 6.30 11.40	9.72
08 71 11 00-1552 EA 22" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.91 6.30 11.40	9.72
08 71 11 00-1553 EA 22" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.44 6.30 11.40	10.29
08 71 11 00-1554 EA 22" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	173.77 6.30 11.40	10.29
08 71 11 00-1555 EA 22" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.04 6.30 11.40	10.29
08 71 11 00-1556 EA 22" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.33 6.30 11.40	10.29
08 71 11 00-1557 EA 22" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	200.88 6.30 11.40	10.86

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1558	EA	22" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	209.18	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1559	EA	22" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	217.51	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1560	EA	22" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	228.04	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1561	EA	22" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	236.36	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1562	EA	22" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	244.60	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1563	EA	24" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	138.34	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1564	EA	24" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	147.36	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1565	EA	24" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	156.43	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1566	EA	24" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	165.44	9.72
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1567	EA	24" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	176.77	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1568	EA	24" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	185.81	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1569	EA	24" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	194.85	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1570	EA	24" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	203.90	10.29
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1571	EA	24" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	215.22	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1572	EA	24" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	224.26	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1573	EA	24" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	233.30	10.86
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1574	EA	24" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	244.60	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1575	EA	24" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	253.67	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1576	EA	24" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Kick Plate	.....	262.74	11.43
		<i>For Four Beveled Edges, Add</i>		6.30	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1577		Bright Stainless Finish, Stainless Kick Plate <small>(08 71 11 00-1449)</small>			
08 71 11 00-1578	EA	8" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	108.86	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1579	EA	8" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	115.67	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1580	EA	8" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	122.43	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1581	EA	8" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	129.21	8.58
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1582	EA	8" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	138.25	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1583	EA	8" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	145.06	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1584	EA	8" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	151.82	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1585	EA	8" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	158.63	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1586	EA	8" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate	.....	167.63	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1587 EA 8" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	174.44	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1588 EA 8" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	181.25	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1589 EA 8" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	190.30	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1590 EA 8" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	197.08	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1591 EA 8" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	203.83	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1592 EA 10" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	127.51	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1593 EA 10" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	135.96	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1594 EA 10" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	144.47	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1595 EA 10" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	152.95	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1596 EA 10" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	163.69	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1597 EA 10" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	172.16	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1598 EA 10" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	180.67	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1599 EA 10" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	189.15	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1600 EA 10" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	199.88	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1601 EA 10" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	208.35	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1602 EA 10" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	216.86	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1603 EA 10" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	227.57	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1604 EA 10" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	236.08	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1605 EA 10" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	244.55	10.29
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1606 EA 12" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	146.14	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1607 EA 12" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	156.34	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1608 EA 12" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	166.51	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1609 EA 12" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	176.68	8.58
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1610 EA 12" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	189.15	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1611 EA 12" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	199.26	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1612 EA 12" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	209.46	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1613 EA 12" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	219.64	9.14
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1614 EA 12" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	232.09	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1615 EA 12" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate.....	242.26	9.72
<i>For Four Beveled Edges, Add</i>	1.76	
<i>For UL Label (Fire Rated), Add</i>	11.40	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1616	EA		12" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	252.41 1.76 11.40	9.72
08 71 11 00-1617	EA		12" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	264.90 1.76 11.40	10.29
08 71 11 00-1618	EA		12" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	275.04 1.76 11.40	10.29
08 71 11 00-1619	EA		12" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.22 1.76 11.40	10.29
08 71 11 00-1620	EA		14" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	167.11 1.76 11.40	9.14
08 71 11 00-1621	EA		14" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	178.97 1.76 11.40	9.14
08 71 11 00-1622	EA		14" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	190.84 1.76 11.40	9.14
08 71 11 00-1623	EA		14" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	202.71 1.76 11.40	9.14
08 71 11 00-1624	EA		14" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	216.86 1.76 11.40	9.72
08 71 11 00-1625	EA		14" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	228.70 1.76 11.40	9.72
08 71 11 00-1626	EA		14" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	240.57 1.76 11.40	9.72
08 71 11 00-1627	EA		14" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	252.41 1.76 11.40	9.72
08 71 11 00-1628	EA		14" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	266.59 1.76 11.40	10.29
08 71 11 00-1629	EA		14" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.46 1.76 11.40	10.29
08 71 11 00-1630	EA		14" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	290.33 1.76 11.40	10.29
08 71 11 00-1631	EA		14" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	304.48 1.76 11.40	10.86
08 71 11 00-1632	EA		14" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	316.29 1.76 11.40	10.86
08 71 11 00-1633	EA		14" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	328.16 1.76 11.40	10.86
08 71 11 00-1634	EA		16" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	185.73 1.76 11.40	9.14
08 71 11 00-1635	EA		16" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.26 1.76 11.40	9.14
08 71 11 00-1636	EA		16" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.88 1.76 11.40	9.14
08 71 11 00-1637	EA		16" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	226.42 1.76 11.40	9.14
08 71 11 00-1638	EA		16" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	242.26 1.76 11.40	9.72
08 71 11 00-1639	EA		16" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	255.83 1.76 11.40	9.72
08 71 11 00-1640	EA		16" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	269.36 1.76 11.40	9.72
08 71 11 00-1641	EA		16" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	282.93 1.76 11.40	9.72
08 71 11 00-1642	EA		16" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	298.78 1.76 11.40	10.29
08 71 11 00-1643	EA		16" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	312.32 1.76 11.40	10.29
08 71 11 00-1644	EA		16" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.88 1.76 11.40	10.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1645 EA 16" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	341.72 1.76 11.40	10.86
08 71 11 00-1646 EA 16" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	355.32 1.76 11.40	10.86
08 71 11 00-1647 EA 16" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	368.88 1.76 11.40	10.86
08 71 11 00-1648 EA 18" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.37 6.30 11.40	9.14
08 71 11 00-1649 EA 18" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	221.86 6.30 11.40	9.14
08 71 11 00-1650 EA 18" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	237.24 6.30 11.40	9.14
08 71 11 00-1651 EA 18" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	252.73 6.30 11.40	9.14
08 71 11 00-1652 EA 18" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	270.44 6.30 11.40	9.72
08 71 11 00-1653 EA 18" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.82 6.30 11.40	9.72
08 71 11 00-1654 EA 18" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	301.31 6.30 11.40	9.72
08 71 11 00-1655 EA 18" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	325.52 6.30 11.40	9.72
08 71 11 00-1656 EA 18" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	334.47 6.30 11.40	10.29
08 71 11 00-1657 EA 18" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.91 6.30 11.40	10.29
08 71 11 00-1658 EA 18" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	365.34 6.30 11.40	10.29
08 71 11 00-1659 EA 18" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	383.06 6.30 11.40	10.86
08 71 11 00-1660 EA 18" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	398.49 6.30 11.40	10.86
08 71 11 00-1661 EA 18" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	413.93 6.30 11.40	10.86
08 71 11 00-1662 EA 20" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	227.56 6.30 11.40	9.72
08 71 11 00-1663 EA 20" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	244.69 6.30 11.40	9.72
08 71 11 00-1664 EA 20" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	261.85 6.30 11.40	9.72
08 71 11 00-1665 EA 20" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	278.98 6.30 11.40	9.72
08 71 11 00-1666 EA 20" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	298.43 6.30 11.40	10.29
08 71 11 00-1667 EA 20" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	315.62 6.30 11.40	10.29
08 71 11 00-1668 EA 20" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	332.72 6.30 11.40	10.29
08 71 11 00-1669 EA 20" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.91 6.30 11.40	10.29
08 71 11 00-1670 EA 20" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	369.29 6.30 11.40	10.86
08 71 11 00-1671 EA 20" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	386.48 6.30 11.40	10.86
08 71 11 00-1672 EA 20" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	403.64 6.30 11.40	10.86
08 71 11 00-1673 EA 20" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	423.06 6.30 11.40	11.43

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1674	EA		20" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	440.22 6.30 11.40	11.43
08 71 11 00-1675	EA		20" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	457.35 6.30 11.40	11.43
08 71 11 00-1676	EA		22" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	246.41 6.30 11.40	9.72
08 71 11 00-1677	EA		22" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.27 6.30 11.40	9.72
08 71 11 00-1678	EA		22" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	284.12 6.30 11.40	9.72
08 71 11 00-1679	EA		22" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	302.98 6.30 11.40	9.72
08 71 11 00-1680	EA		22" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	324.15 6.30 11.40	10.29
08 71 11 00-1681	EA		22" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	343.04 6.30 11.40	10.29
08 71 11 00-1682	EA		22" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	361.92 6.30 11.40	10.29
08 71 11 00-1683	EA		22" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	380.78 6.30 11.40	10.29
08 71 11 00-1684	EA		22" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	401.91 6.30 11.40	10.86
08 71 11 00-1685	EA		22" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	420.77 6.30 11.40	10.86
08 71 11 00-1686	EA		22" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	439.62 6.30 11.40	10.86
08 71 11 00-1687	EA		22" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	460.77 6.30 11.40	11.43
08 71 11 00-1688	EA		22" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	479.68 6.30 11.40	11.43
08 71 11 00-1689	EA		22" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	498.54 6.30 11.40	11.43
08 71 11 00-1690	EA		24" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	265.27 6.30 11.40	9.72
08 71 11 00-1691	EA		24" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	285.82 6.30 11.40	9.72
08 71 11 00-1692	EA		24" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	306.43 6.30 11.40	9.72
08 71 11 00-1693	EA		24" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	327.01 6.30 11.40	9.72
08 71 11 00-1694	EA		24" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	349.91 6.30 11.40	10.29
08 71 11 00-1695	EA		24" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	370.46 6.30 11.40	10.29
08 71 11 00-1696	EA		24" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	391.04 6.30 11.40	10.29
08 71 11 00-1697	EA		24" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	411.65 6.30 11.40	10.29
08 71 11 00-1698	EA		24" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	434.51 6.30 11.40	10.86
08 71 11 00-1699	EA		24" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	455.06 6.30 11.40	10.86
08 71 11 00-1700	EA		24" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	475.67 6.30 11.40	10.86
08 71 11 00-1701	EA		24" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	498.54 6.30 11.40	11.43
08 71 11 00-1702	EA		24" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	519.15 6.30 11.40	11.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1703	EA		24" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Kick Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	539.70 6.30 11.40	11.43
08 71 11 00-1704			Plastic Kick Plate <small>(08 71 11 00-0811)</small>		
08 71 11 00-1705			Clear Or Black Finish, Plastic Kick Plate <small>(08 71 11 00-1704)</small> Note: With four beveled edges.		
08 71 11 00-1706	EA		8" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	57.79	8.58
08 71 11 00-1707	EA		8" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	59.89	8.58
08 71 11 00-1708	EA		8" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	62.07	8.58
08 71 11 00-1709	EA		8" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	64.20	8.58
08 71 11 00-1710	EA		8" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.64	9.14
08 71 11 00-1711	EA		8" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	70.77	9.14
08 71 11 00-1712	EA		8" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.87	9.14
08 71 11 00-1713	EA		8" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.05	9.14
08 71 11 00-1714	EA		8" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	82.05	9.72
08 71 11 00-1715	EA		8" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.56	9.72
08 71 11 00-1716	EA		8" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	83.74	9.72
08 71 11 00-1717	EA		8" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.16	10.29
08 71 11 00-1718	EA		8" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.31	10.29
08 71 11 00-1719	EA		8" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.44	10.29
08 71 11 00-1720	EA		10" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	63.66	8.58
08 71 11 00-1721	EA		10" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	66.35	8.58
08 71 11 00-1722	EA		10" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.00	8.58
08 71 11 00-1723	EA		10" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	71.65	8.58
08 71 11 00-1724	EA		10" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	76.63	9.14
08 71 11 00-1725	EA		10" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.28	9.14
08 71 11 00-1726	EA		10" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.98	9.14
08 71 11 00-1727	EA		10" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.62	9.14
08 71 11 00-1728	EA		10" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	89.60	9.72
08 71 11 00-1729	EA		10" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	92.25	9.72
08 71 11 00-1730	EA		10" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.95	9.72
08 71 11 00-1731	EA		10" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.88	10.29
08 71 11 00-1732	EA		10" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.58	10.29
08 71 11 00-1733	EA		10" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.23	10.29
08 71 11 00-1734	EA		12" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	69.54	8.58
08 71 11 00-1735	EA		12" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	72.76	8.58
08 71 11 00-1736	EA		12" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	75.93	8.58
08 71 11 00-1737	EA		12" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	79.17	8.58
08 71 11 00-1738	EA		12" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	84.62	9.14
08 71 11 00-1739	EA		12" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	87.87	9.14
08 71 11 00-1740	EA		12" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	91.08	9.14
08 71 11 00-1741	EA		12" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.27	9.14
08 71 11 00-1742	EA		12" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	99.72	9.72
08 71 11 00-1743	EA		12" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.94	9.72
08 71 11 00-1744	EA		12" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.18	9.72
08 71 11 00-1745	EA		12" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	111.63	10.29
08 71 11 00-1746	EA		12" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	114.88	10.29
08 71 11 00-1747	EA		12" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	118.04	10.29
08 71 11 00-1748	EA		14" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	77.70	9.14
08 71 11 00-1749	EA		14" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	81.46	9.14
08 71 11 00-1750	EA		14" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	85.17	9.14
08 71 11 00-1751	EA		14" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	88.93	9.14
08 71 11 00-1752	EA		14" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	94.95	9.72
08 71 11 00-1753	EA		14" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	98.65	9.72
08 71 11 00-1754	EA		14" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.42	9.72
08 71 11 00-1755	EA		14" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	106.18	9.72
08 71 11 00-1756	EA		14" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.18	10.29
08 71 11 00-1757	EA		14" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	115.94	10.29
08 71 11 00-1758	EA		14" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	119.67	10.29
08 71 11 00-1759	EA		14" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	125.66	10.86
08 71 11 00-1760	EA		14" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	129.43	10.86
08 71 11 00-1761	EA		14" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	133.13	10.86
08 71 11 00-1762	EA		16" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	90.62	9.14
08 71 11 00-1763	EA		16" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	95.54	9.14
08 71 11 00-1764	EA		16" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	100.40	9.14
08 71 11 00-1765	EA		16" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	105.32	9.14
08 71 11 00-1766	EA		16" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	112.53	9.72
08 71 11 00-1767	EA		16" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	117.44	9.72
08 71 11 00-1768	EA		16" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	122.36	9.72
08 71 11 00-1769	EA		16" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	127.24	9.72
08 71 11 00-1770	EA		16" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	134.46	10.29
08 71 11 00-1771	EA		16" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	139.36	10.29
08 71 11 00-1772	EA		16" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	144.29	10.29
08 71 11 00-1773	EA		16" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	151.50	10.86
08 71 11 00-1774	EA		16" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	156.35	10.86
08 71 11 00-1775	EA		16" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	161.28	10.86
08 71 11 00-1776	EA		18" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	97.33	9.14
08 71 11 00-1777	EA		18" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	102.89	9.14
08 71 11 00-1778	EA		18" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	108.39	9.14
08 71 11 00-1779	EA		18" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate	113.94	9.14

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-1780	EA	18" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	244.37	9.72
08 71 11 00-1781	EA	18" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	127.24	9.72
08 71 11 00-1782	EA	18" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	132.79	9.72
08 71 11 00-1783	EA	18" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	138.29	9.72
08 71 11 00-1784	EA	18" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	146.13	10.29
08 71 11 00-1785	EA	18" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	151.66	10.29
08 71 11 00-1786	EA	18" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	157.16	10.29
08 71 11 00-1787	EA	18" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	164.99	10.86
08 71 11 00-1788	EA	18" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	170.49	10.86
08 71 11 00-1789	EA	18" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	176.04	10.86
08 71 11 00-1790	EA	20" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	106.39	9.72
08 71 11 00-1791	EA	20" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	112.53	9.72
08 71 11 00-1792	EA	20" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	118.66	9.72
08 71 11 00-1793	EA	20" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	124.80	9.72
08 71 11 00-1794	EA	20" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	133.24	10.29
08 71 11 00-1795	EA	20" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	139.36	10.29
08 71 11 00-1796	EA	20" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	145.51	10.29
08 71 11 00-1797	EA	20" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	151.66	10.29
08 71 11 00-1798	EA	20" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	160.06	10.86
08 71 11 00-1799	EA	20" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	166.21	10.86
08 71 11 00-1800	EA	20" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	172.33	10.86
08 71 11 00-1801	EA	20" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	180.77	11.43
08 71 11 00-1802	EA	20" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	186.92	11.43
08 71 11 00-1803	EA	20" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	193.04	11.43
08 71 11 00-1804	EA	22" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	113.16	9.72
08 71 11 00-1805	EA	22" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	119.87	9.72
08 71 11 00-1806	EA	22" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	126.65	9.72
08 71 11 00-1807	EA	22" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	133.36	9.72
08 71 11 00-1808	EA	22" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	142.45	10.29
08 71 11 00-1809	EA	22" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	149.22	10.29
08 71 11 00-1810	EA	22" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	155.94	10.29
08 71 11 00-1811	EA	22" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	162.71	10.29
08 71 11 00-1812	EA	22" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	171.71	10.86
08 71 11 00-1813	EA	22" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	178.48	10.86
08 71 11 00-1814	EA	22" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	185.25	10.86
08 71 11 00-1815	EA	22" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	194.26	11.43
08 71 11 00-1816	EA	22" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	201.03	11.43
08 71 11 00-1817	EA	22" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	207.75	11.43
08 71 11 00-1818	EA	24" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	119.87	9.72
08 71 11 00-1819	EA	24" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	127.24	9.72
08 71 11 00-1820	EA	24" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	134.64	9.72
08 71 11 00-1821	EA	24" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	142.00	9.72
08 71 11 00-1822	EA	24" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	151.66	10.29
08 71 11 00-1823	EA	24" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	159.00	10.29
08 71 11 00-1824	EA	24" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	166.37	10.29
08 71 11 00-1825	EA	24" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	173.76	10.29
08 71 11 00-1826	EA	24" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	183.41	10.86
08 71 11 00-1827	EA	24" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	190.75	10.86
08 71 11 00-1828	EA	24" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	198.12	10.86
08 71 11 00-1829	EA	24" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	207.75	11.43
08 71 11 00-1830	EA	24" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	215.17	11.43
08 71 11 00-1831	EA	24" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Kick Plate.....	222.54	11.43

 08 71 11 00-1832 Mop Plate (08 71 11 00-0810)
 Note: Ives 8400.

08 71 11 00-1833 Aluminum Base Material Mop Plate (08 71 11 00-1832)

08 71 11 00-1834 Satin Aluminum Finish, Aluminum Mop Plate (08 71 11 00-1833)

08 71 11 00-1835	EA	4" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	49.83	8.35
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1836	EA	4" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	51.36	8.35
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1837	EA	4" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	52.83	8.35
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1838	EA	4" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	54.36	8.35
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1839	EA	4" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	57.26	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1840	EA	4" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	58.73	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1841	EA	4" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	60.26	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	
08 71 11 00-1842	EA	4" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate.....	61.73	8.69
		For Four Beveled Edges, Add	1.76	
		For UL Label (Fire Rated), Add	11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1843 EA 4" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	65.21 1.76 11.40	9.14
08 71 11 00-1844 EA 4" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	66.71 1.76 11.40	9.14
08 71 11 00-1845 EA 4" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.21 1.76 11.40	9.14
08 71 11 00-1846 EA 4" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	71.99 1.76 11.40	9.72
08 71 11 00-1847 EA 4" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.52 1.76 11.40	9.72
08 71 11 00-1848 EA 4" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	74.99 1.76 11.40	9.72
08 71 11 00-1849 EA 6" x 22", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	58.11 1.76 11.40	8.35
08 71 11 00-1850 EA 6" x 24", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.36 1.76 11.40	8.35
08 71 11 00-1851 EA 6" x 26", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	62.64 1.76 11.40	8.35
08 71 11 00-1852 EA 6" x 28", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	64.89 1.76 11.40	8.35
08 71 11 00-1853 EA 6" x 30", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	68.54 1.76 11.40	8.69
08 71 11 00-1854 EA 6" x 32", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	70.76 1.76 11.40	8.69
08 71 11 00-1855 EA 6" x 34", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	73.07 1.76 11.40	8.69
08 71 11 00-1856 EA 6" x 36", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	75.30 1.76 11.40	8.69
08 71 11 00-1857 EA 6" x 38", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	79.53 1.76 11.40	9.14
08 71 11 00-1858 EA 6" x 40", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.78 1.76 11.40	9.14
08 71 11 00-1859 EA 6" x 42", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	84.06 1.76 11.40	9.14
08 71 11 00-1860 EA 6" x 44", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	88.59 1.76 11.40	9.72
08 71 11 00-1861 EA 6" x 46", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.87 1.76 11.40	9.72
08 71 11 00-1862 EA 6" x 48", 0.050" Thick, Satin Aluminum Finish, Aluminum Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	93.09 1.76 11.40	9.72
08 71 11 00-1863 Brass Base Material Mop Plate <small>(08 71 11 00-1832)</small>		
08 71 11 00-1864 Bright/Satin Brass Finish, Brass Mop Plate <small>(08 71 11 00-1863)</small>		
08 71 11 00-1865 EA 4" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	81.93 1.76 11.40	8.35
08 71 11 00-1866 EA 4" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.40 1.76 11.40	8.35
08 71 11 00-1867 EA 4" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	90.82 1.76 11.40	8.35
08 71 11 00-1868 EA 4" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.26 1.76 11.40	8.35
08 71 11 00-1869 EA 4" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.05 1.76 11.40	8.69
08 71 11 00-1870 EA 4" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	105.46 1.76 11.40	8.69
08 71 11 00-1871 EA 4" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	109.90 1.76 11.40	8.69

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1872	EA		4" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	114.32 1.76 11.40	8.69
08 71 11 00-1873	EA		4" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.71 1.76 11.40	9.14
08 71 11 00-1874	EA		4" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.13 1.76 11.40	9.14
08 71 11 00-1875	EA		4" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	129.54 1.76 11.40	9.14
08 71 11 00-1876	EA		4" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	136.26 1.76 11.40	9.72
08 71 11 00-1877	EA		4" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.68 1.76 11.40	9.72
08 71 11 00-1878	EA		4" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.15 1.76 11.40	9.72
08 71 11 00-1879	EA		6" x 22", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	106.33 1.76 11.40	8.35
08 71 11 00-1880	EA		6" x 24", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.95 1.76 11.40	8.35
08 71 11 00-1881	EA		6" x 26", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	119.60 1.76 11.40	8.35
08 71 11 00-1882	EA		6" x 28", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.22 1.76 11.40	8.35
08 71 11 00-1883	EA		6" x 30", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	134.24 1.76 11.40	8.69
08 71 11 00-1884	EA		6" x 32", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	140.92 1.76 11.40	8.69
08 71 11 00-1885	EA		6" x 34", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.51 1.76 11.40	8.69
08 71 11 00-1886	EA		6" x 36", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.19 1.76 11.40	8.69
08 71 11 00-1887	EA		6" x 38", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.73 1.76 11.40	9.14
08 71 11 00-1888	EA		6" x 40", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	169.41 1.76 11.40	9.14
08 71 11 00-1889	EA		6" x 42", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	176.06 1.76 11.40	9.14
08 71 11 00-1890	EA		6" x 44", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	184.97 1.76 11.40	9.72
08 71 11 00-1891	EA		6" x 46", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	191.62 1.76 11.40	9.72
08 71 11 00-1892	EA		6" x 48", 0.050" Thick, Bright/Satin Brass Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	198.24 1.76 11.40	9.72
08 71 11 00-1893			Bright/Satin Chrome Finish, Stainless Mop Plate (08 71 11 00-1863)		
08 71 11 00-1894	EA		4" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	86.79 1.76 11.40	8.35
08 71 11 00-1895	EA		4" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	91.63 1.76 11.40	8.35
08 71 11 00-1896	EA		4" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	96.50 1.76 11.40	8.35
08 71 11 00-1897	EA		4" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	101.37 1.76 11.40	8.35
08 71 11 00-1898	EA		4" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	107.58 1.76 11.40	8.69
08 71 11 00-1899	EA		4" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.46 1.76 11.40	8.69
08 71 11 00-1900	EA		4" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.33 1.76 11.40	8.69

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1901 EA 4" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	122.17 1.76 11.40	8.69
08 71 11 00-1902 EA 4" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.99 1.76 11.40	9.14
08 71 11 00-1903 EA 4" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	133.89 1.76 11.40	9.14
08 71 11 00-1904 EA 4" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.76 1.76 11.40	9.14
08 71 11 00-1905 EA 4" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	145.91 1.76 11.40	9.72
08 71 11 00-1906 EA 4" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	150.76 1.76 11.40	9.72
08 71 11 00-1907 EA 4" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.63 1.76 11.40	9.72
08 71 11 00-1908 EA 6" x 22", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.54 1.76 11.40	8.35
08 71 11 00-1909 EA 6" x 24", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.80 1.76 11.40	8.35
08 71 11 00-1910 EA 6" x 26", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	128.12 1.76 11.40	8.35
08 71 11 00-1911 EA 6" x 28", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	135.44 1.76 11.40	8.35
08 71 11 00-1912 EA 6" x 30", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.08 1.76 11.40	8.69
08 71 11 00-1913 EA 6" x 32", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	151.40 1.76 11.40	8.69
08 71 11 00-1914 EA 6" x 34", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	158.66 1.76 11.40	8.69
08 71 11 00-1915 EA 6" x 36", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	165.98 1.76 11.40	8.69
08 71 11 00-1916 EA 6" x 38", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	175.25 1.76 11.40	9.14
08 71 11 00-1917 EA 6" x 40", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	182.52 1.76 11.40	9.14
08 71 11 00-1918 EA 6" x 42", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	189.84 1.76 11.40	9.14
08 71 11 00-1919 EA 6" x 44", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	199.38 1.76 11.40	9.72
08 71 11 00-1920 EA 6" x 46", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	206.70 1.76 11.40	9.72
08 71 11 00-1921 EA 6" x 48", 0.050" Thick, Bright/Satin Chrome Finish, Stainless Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	214.00 1.76 11.40	9.72
08 71 11 00-1922 Satin/Dark Bronze Finish, Brass Mop Plate <small>(08 71 11 00-1863)</small>		
08 71 11 00-1923 EA 4" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	87.69 1.76 11.40	8.35
08 71 11 00-1924 EA 4" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.62 1.76 11.40	8.35
08 71 11 00-1925 EA 4" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.58 1.76 11.40	8.35
08 71 11 00-1926 EA 4" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	102.51 1.76 11.40	8.35
08 71 11 00-1927 EA 4" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.84 1.76 11.40	8.69
08 71 11 00-1928 EA 4" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	113.80 1.76 11.40	8.69
08 71 11 00-1929 EA 4" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	118.76 1.76 11.40	8.69

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1930	EA	4" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	123.73	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1931	EA	4" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	130.58	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1932	EA	4" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	135.54	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1933	EA	4" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	140.50	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1934	EA	4" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	147.74	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1935	EA	4" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	152.70	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1936	EA	4" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	157.61	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1937	EA	6" x 22", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	114.88	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1938	EA	6" x 24", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	122.36	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1939	EA	6" x 26", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	129.77	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1940	EA	6" x 28", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	151.63	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1941	EA	6" x 30", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	145.96	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1942	EA	6" x 32", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	153.38	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1943	EA	6" x 34", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	160.79	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1944	EA	6" x 36", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	168.20	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1945	EA	6" x 38", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	177.62	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1946	EA	6" x 40", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	185.03	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1947	EA	6" x 42", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	192.45	9.14
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1948	EA	6" x 44", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	202.14	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1949	EA	6" x 46", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	209.55	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1950	EA	6" x 48", 0.050" Thick, Satin/Dark Bronze Finish, Brass Mop Plate	.....	216.96	9.72
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1951		Satin Nickel Finish, Stainless Mop Plate <small>(08 71 11 00-1863)</small>			
08 71 11 00-1952	EA	4" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	.....	88.65	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1953	EA	4" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	.....	93.63	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1954	EA	4" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	.....	98.70	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1955	EA	4" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	.....	103.74	8.35
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1956	EA	4" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	.....	110.15	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1957	EA	4" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	.....	115.16	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	
08 71 11 00-1958	EA	4" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate	.....	120.20	8.69
		<i>For Four Beveled Edges, Add</i>		1.76	
		<i>For UL Label (Fire Rated), Add</i>		11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1959 EA 4" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.24 1.76 11.40	8.69
08 71 11 00-1960 EA 4" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	132.26 1.76 11.40	9.14
08 71 11 00-1961 EA 4" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	137.27 1.76 11.40	9.14
08 71 11 00-1962 EA 4" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	142.29 1.76 11.40	9.14
08 71 11 00-1963 EA 4" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.64 1.76 11.40	9.72
08 71 11 00-1964 EA 4" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	154.68 1.76 11.40	9.72
08 71 11 00-1965 EA 4" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	159.66 1.76 11.40	9.72
08 71 11 00-1966 EA 6" x 22", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	116.33 1.76 11.40	8.35
08 71 11 00-1967 EA 6" x 24", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	123.87 1.76 11.40	8.35
08 71 11 00-1968 EA 6" x 26", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.42 1.76 11.40	8.35
08 71 11 00-1969 EA 6" x 28", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	138.97 1.76 11.40	8.35
08 71 11 00-1970 EA 6" x 30", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	147.88 1.76 11.40	8.69
08 71 11 00-1971 EA 6" x 32", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	155.43 1.76 11.40	8.69
08 71 11 00-1972 EA 6" x 34", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.97 1.76 11.40	8.69
08 71 11 00-1973 EA 6" x 36", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	170.55 1.76 11.40	8.69
08 71 11 00-1974 EA 6" x 38", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	180.05 1.76 11.40	9.14
08 71 11 00-1975 EA 6" x 40", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	187.62 1.76 11.40	9.14
08 71 11 00-1976 EA 6" x 42", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	195.17 1.76 11.40	9.14
08 71 11 00-1977 EA 6" x 44", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	204.99 1.76 11.40	9.72
08 71 11 00-1978 EA 6" x 46", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	212.54 1.76 11.40	9.72
08 71 11 00-1979 EA 6" x 48", 0.050" Thick, Satin/Nickel Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	220.12 1.76 11.40	9.72
08 71 11 00-1980 Stainless Base Material Mop Plate <small>(08 71 11 00-1832)</small>		
08 71 11 00-1981 Satin Stainless Finish, Stainless Mop Plate <small>(08 71 11 00-1980)</small>		
08 71 11 00-1982 EA 4" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	51.28 1.76 11.40	8.35
08 71 11 00-1983 EA 4" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	52.87 1.76 11.40	8.35
08 71 11 00-1984 EA 4" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	54.52 1.76 11.40	8.35
08 71 11 00-1985 EA 4" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	56.15 1.76 11.40	8.35
08 71 11 00-1986 EA 4" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	59.17 1.76 11.40	8.69
08 71 11 00-1987 EA 4" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	60.82 1.76 11.40	8.69

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-1988	EA		4" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	62.41	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1989	EA		4" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	64.06	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1990	EA		4" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	67.64	9.14
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1991	EA		4" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	69.29	9.14
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1992	EA		4" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	70.94	9.14
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1993	EA		4" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	74.81	9.72
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1994	EA		4" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.46	9.72
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1995	EA		4" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.09	9.72
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1996	EA		6" x 22", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	60.22	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1997	EA		6" x 24", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	62.69	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1998	EA		6" x 26", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	65.14	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-1999	EA		6" x 28", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	67.62	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2000	EA		6" x 30", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	71.41	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2001	EA		6" x 32", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	73.86	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2002	EA		6" x 34", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	76.33	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2003	EA		6" x 36", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	78.78	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2004	EA		6" x 38", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	83.21	9.14
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2005	EA		6" x 40", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	85.63	9.14
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2006	EA		6" x 42", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	88.07	9.14
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2007	EA		6" x 44", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	92.83	9.72
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2008	EA		6" x 46", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	95.25	9.72
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2009	EA		6" x 48", 0.050" Thick, Satin Stainless Finish, Stainless Mop Plate	97.73	9.72
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2010			Bright Stainless Finish, Stainless Mop Plate (08 71 11 00-1980)		
08 71 11 00-2011	EA		4" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	72.76	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2012	EA		4" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	76.37	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2013	EA		4" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	79.99	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2014	EA		4" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	83.54	8.35
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2015	EA		4" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	88.52	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	
08 71 11 00-2016	EA		4" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate	92.11	8.69
			<i>For Four Beveled Edges, Add</i>	1.76	
			<i>For UL Label (Fire Rated), Add</i>	11.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2017 EA 4" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	95.72 1.76 11.40	8.69
08 71 11 00-2018 EA 4" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	99.33 1.76 11.40	8.69
08 71 11 00-2019 EA 4" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	104.83 1.76 11.40	9.14
08 71 11 00-2020 EA 4" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.45 1.76 11.40	9.14
08 71 11 00-2021 EA 4" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	112.06 1.76 11.40	9.14
08 71 11 00-2022 EA 4" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	117.92 1.76 11.40	9.72
08 71 11 00-2023 EA 4" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	121.53 1.76 11.40	9.72
08 71 11 00-2024 EA 4" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	125.09 1.76 11.40	9.72
08 71 11 00-2025 EA 6" x 22", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	92.51 1.76 11.40	8.35
08 71 11 00-2026 EA 6" x 24", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	97.96 1.76 11.40	8.35
08 71 11 00-2027 EA 6" x 26", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	103.35 1.76 11.40	8.35
08 71 11 00-2028 EA 6" x 28", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	108.74 1.76 11.40	8.35
08 71 11 00-2029 EA 6" x 30", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	115.47 1.76 11.40	8.69
08 71 11 00-2030 EA 6" x 32", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	120.86 1.76 11.40	8.69
08 71 11 00-2031 EA 6" x 34", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	126.25 1.76 11.40	8.69
08 71 11 00-2032 EA 6" x 36", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	131.64 1.76 11.40	8.69
08 71 11 00-2033 EA 6" x 38", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	139.00 1.76 11.40	9.14
08 71 11 00-2034 EA 6" x 40", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	144.39 1.76 11.40	9.14
08 71 11 00-2035 EA 6" x 42", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	149.78 1.76 11.40	9.14
08 71 11 00-2036 EA 6" x 44", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	157.45 1.76 11.40	9.72
08 71 11 00-2037 EA 6" x 46", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	162.81 1.76 11.40	9.72
08 71 11 00-2038 EA 6" x 48", 0.050" Thick, Bright Stainless Finish, Stainless Mop Plate..... <i>For Four Beveled Edges, Add</i> <i>For UL Label (Fire Rated), Add</i>	168.20 1.76 11.40	9.72
08 71 11 00-2039 Plastic Mop Plate <small>(08 71 11 00-1832)</small>		
08 71 11 00-2040 Clear Or Black Finish, Plastic Mop Plate <small>(08 71 11 00-2039)</small> Note: With four beveled edges.		
08 71 11 00-2041 EA 4" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	48.22	8.35
08 71 11 00-2042 EA 4" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	49.58	8.35
08 71 11 00-2043 EA 4" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	50.96	8.35
08 71 11 00-2044 EA 4" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	52.32	8.35
08 71 11 00-2045 EA 4" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	55.04	8.69
08 71 11 00-2046 EA 4" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	56.40	8.69
08 71 11 00-2047 EA 4" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	57.75	8.69

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2048	EA		4" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	59.14	8.69
08 71 11 00-2049	EA		4" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	62.44	9.14
08 71 11 00-2050	EA		4" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	63.80	9.14
08 71 11 00-2051	EA		4" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	65.15	9.14
08 71 11 00-2052	EA		4" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	68.79	9.72
08 71 11 00-2053	EA		4" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	70.17	9.72
08 71 11 00-2054	EA		4" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	71.53	9.72
08 71 11 00-2055	EA		6" x 22", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	55.70	8.35
08 71 11 00-2056	EA		6" x 24", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	57.77	8.35
08 71 11 00-2057	EA		6" x 26", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	59.80	8.35
08 71 11 00-2058	EA		6" x 28", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	61.83	8.35
08 71 11 00-2059	EA		6" x 30", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	65.26	8.69
08 71 11 00-2060	EA		6" x 32", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	67.30	8.69
08 71 11 00-2061	EA		6" x 34", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	69.33	8.69
08 71 11 00-2062	EA		6" x 36", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	71.36	8.69
08 71 11 00-2063	EA		6" x 38", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	75.37	9.14
08 71 11 00-2064	EA		6" x 40", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	77.40	9.14
08 71 11 00-2065	EA		6" x 42", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	79.44	9.14
08 71 11 00-2066	EA		6" x 44", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	83.78	9.72
08 71 11 00-2067	EA		6" x 46", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	85.81	9.72
08 71 11 00-2068	EA		6" x 48", 1/8" Thick, Clear Or Black Finish, High Impact Polyethylene Plastic Mop Plate..... Note: 4 sides beveled.	87.84	9.72
08 71 11 00-2069			Armor Door Plate (08 71 11 00-0810) Note: Size ranges of 26" to 48" high, 22" to 48" wide. Ives 8400.		
08 71 11 00-2070	SF		4 to 8 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate.....	29.80	1.43
08 71 11 00-2071	SF		>8 to 16 SF, 0.050" Thick, Satin Aluminum Finish, Aluminum Door Armor Plate.....	28.54	1.12
08 71 11 00-2072	SF		4 to 8 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate.....	32.84	1.43
08 71 11 00-2073	SF		>8 to 16 SF, 0.050" Thick, Satin Stainless Finish, Stainless Door Armor Plate.....	31.58	1.12
08 71 11 00-2074	SF		4 to 8 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate.....	67.47	1.43
08 71 11 00-2075	SF		>8 to 16 SF, 0.050" Thick, Bright Stainless Finish, Stainless Door Armor Plate.....	66.21	1.12
08 71 11 00-2076			Pull Handle And Plates (08 71 11 00-0810)		
08 71 11 00-2077			Pull Handle (08 71 11 00-2076)		
08 71 11 00-2078	EA		3/4" Diameter, 6" Center to Center, Aluminum Door Pulls (Ives 8102HD-6)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	62.01 10.20 13.85	9.43
08 71 11 00-2079	EA		3/4" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8102HD-8)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	65.16 11.52 15.64	9.43
08 71 11 00-2080	EA		3/4" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8102HD-10)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	70.13 13.61 18.47	9.43
08 71 11 00-2081	EA		1" Diameter, 8" Center to Center, Aluminum Door Pulls (Ives 8103HD-8)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	72.89 14.77 20.05	9.43
08 71 11 00-2082	EA		1" Diameter, 10" Center to Center, Aluminum Door Pulls (Ives 8103HD-10)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	77.88 16.87 22.89	9.43
08 71 11 00-2083	EA		1" Diameter, 12" Center to Center, Aluminum Door Pulls (Ives 8103HD-12)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	84.33 19.58 26.57	9.43
08 71 11 00-2084	EA		1" Flattened x 1/2" Round, 6" Center To Center, Aluminum Door Pulls (Ives 8105-6)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	65.40 11.63 15.78	9.43
08 71 11 00-2085	EA		1" Flattened x 1/2" Round, 8" Center To Center, Aluminum Door Pulls (Ives 8105-8)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	72.28 14.52 19.70	9.43
08 71 11 00-2086	EA		1" Flattened x 1/2" Round, 10" Center To Center, Aluminum Door Pulls (Ives 8105-10)..... <i>For Stainless Steel, Add</i> <i>For Brass, Add</i>	73.41 14.99 20.34	9.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2087 EA 1" Diameter, 8" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-8)	142.88	9.43
<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	19.88	
<i>For Brass, Add</i>	18.30	
08 71 11 00-2088 EA 1" Diameter, 10" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-0)	147.14	9.43
<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	20.68	
<i>For Brass, Add</i>	19.04	
08 71 11 00-2089 EA 1" Diameter, 12" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-2)	155.69	9.43
<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	22.30	
<i>For Brass, Add</i>	20.53	
08 71 11 00-2090 EA 1" Diameter, 18" Center to Center, Satin Stainless Steel Offset Door Pulls (Ives 8190HD-18)	205.24	9.43
<i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	31.66	
<i>For Brass, Add</i>	29.15	
08 71 11 00-2091 Pull Plate <small>(08 71 11 00-2076)</small>		
08 71 11 00-2092 EA 3-1/2" x 15" Aluminum Pull Plate Door Hardware (Ives 8302)	97.81	7.15
<i>For Stainless Steel, Add</i>	40.85	
<i>For Brass, Add</i>	51.93	
08 71 11 00-2093 EA 4" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	100.22	7.15
<i>For Stainless Steel, Add</i>	42.27	
<i>For Brass, Add</i>	53.74	
08 71 11 00-2094 EA 6" x 16" Aluminum Pull Plate Door Hardware (Ives 8302)	105.71	7.15
<i>For Stainless Steel, Add</i>	45.51	
<i>For Brass, Add</i>	57.86	
08 71 11 00-2095 EA 7-1/4" x 11" Stainless Steel Vandal Resistant Pull Handle (Ives VR900)	394.66	7.15
<i>For Stainless Steel, Add</i>	215.99	
<i>For Brass, Add</i>	274.57	
<i>For Owner Furnished Material, Deduct</i>	-366.09	
08 71 11 00-2096 Push Bars And Plates <small>(08 71 11 00-0810)</small>		
08 71 11 00-2097 Push Bars <small>(08 71 11 00-2096)</small>		
08 71 11 00-2098 EA 3/8" x 2-1/2" Bronze Push Bar, Rectangular, With Base Plate	275.05	7.15
Note: Up to 34" wide. All finishes.		
08 71 11 00-2099 EA 3/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	263.04	7.15
<i>For Brass Push Bar, Add</i>	40.80	
08 71 11 00-2100 EA 1" Diameter Stainless Steel Push Bar, Up To 34" Wide	272.88	7.15
<i>For Brass Push Bar, Add</i>	42.51	
08 71 11 00-2101 EA 1-1/4" Diameter Stainless Steel Push Bar, Up To 34" Wide	517.20	7.15
<i>For Brass Push Bar, Add</i>	85.02	
08 71 11 00-2102 Push Plates <small>(08 71 11 00-2096)</small>		
08 71 11 00-2103 Aluminum Push Plates <small>(08 71 11 00-2102)</small>		
08 71 11 00-2104 Clear Anodized Finish, Aluminum Push Plates <small>(08 71 11 00-2103)</small>		
Note: Ives 8200 Series.		
08 71 11 00-2105 EA 3" x 12", Clear Anodized Finish, Aluminum Push Plate Door Hardware	45.97	7.15
08 71 11 00-2106 EA 4" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	45.97	7.15
08 71 11 00-2107 EA 6" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	45.97	7.15
08 71 11 00-2108 EA 8" x 16", Clear Anodized Finish, Aluminum Push Plate Door Hardware	50.37	7.15
08 71 11 00-2109 Stainless Steel Push Plates <small>(08 71 11 00-2102)</small>		
08 71 11 00-2110 Satin Finish, Stainless Steel Push Plates <small>(08 71 11 00-2109)</small>		
Note: Ives 8200 Series.		
08 71 11 00-2111 EA 3" x 12", Satin Finish, Stainless Steel Push Plate Door Hardware	45.97	7.15
08 71 11 00-2112 EA 4" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	49.35	7.15
08 71 11 00-2113 EA 6" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	57.08	7.15
08 71 11 00-2114 EA 8" x 16", Satin Finish, Stainless Steel Push Plate Door Hardware	68.52	7.15
08 71 11 00-2115 Brass Push Plates <small>(08 71 11 00-2102)</small>		
08 71 11 00-2116 Bright/Satin Brass Finish, Brass Push Plates <small>(08 71 11 00-2115)</small>		
Note: Ives 8200 Series.		
08 71 11 00-2117 EA 3" x 12", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	56.30	7.15
08 71 11 00-2118 EA 4" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	64.99	7.15
08 71 11 00-2119 EA 6" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	85.91	7.15
08 71 11 00-2120 EA 8" x 16", Bright/Satin Brass Finish, Brass Push Plate Door Hardware	99.66	7.15
08 71 11 00-2121 Bright/Satin Chrome Finish, Brass Push Plates <small>(08 71 11 00-2115)</small>		
Note: Ives 8200 Series.		
08 71 11 00-2122 EA 3" x 12", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	63.25	7.15
08 71 11 00-2123 EA 4" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	70.31	7.15
08 71 11 00-2124 EA 6" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	89.47	7.15
08 71 11 00-2125 EA 8" x 16", Bright/Satin Chrome Finish, Brass Push Plate Door Hardware	108.38	7.15
08 71 11 00-2126 Satin/Dark Bronze Finish, Brass Push Plates <small>(08 71 11 00-2115)</small>		
Note: Ives 8200 Series.		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2127	EA	3" x 12", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	63.25	7.15
08 71 11 00-2128	EA	4" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	70.31	7.15
08 71 11 00-2129	EA	6" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	92.86	7.15
08 71 11 00-2130	EA	8" x 16", Satin/Dark Bronze Finish, Brass Push Plate Door Hardware	110.26	7.15
08 71 11 00-2131		Satin Nickel Finish, Brass Push Plates <small>(08 71 11 00-2115)</small>		
		Note: Ives 8200 Series.		
08 71 11 00-2132	EA	3" x 12", Satin Nickel Finish, Brass Push Plate Door Hardware	63.25	7.15
08 71 11 00-2133	EA	4" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	72.08	7.15
08 71 11 00-2134	EA	6" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	98.22	7.15
08 71 11 00-2135	EA	8" x 16", Satin Nickel Finish, Brass Push Plate Door Hardware	115.61	7.15
08 71 11 00-2136		Anti-Vandal Pull <small>(08 71 11 00-2096)</small>		
08 71 11 00-2137	EA	Anti-Vandal Pull With Astragal (Trimco 1096HA).....	350.96	14.29
08 71 11 00-2138	EA	Anti-Vandal Pull Without Astragal (Trimco 1097HA).....	350.96	14.29
08 71 11 00-2139		Push Pull Passage Latch Paddles <small>(08 71 11 00-0810)</small>		
08 71 11 00-2140	EA	-7/8" x 1-1/4" x 1-1/4" Lip To Center, Stainless Steel, Push Pull Passage Latch Paddles (Corbin Russwin HP3010-HKPS-630)	374.52	7.15
08 71 11 00-2141		Exit Devices <small>(08 71 11)</small>		
08 71 11 00-2142		Push Bar Exit Device, Von Duprin Series 22 <small>(08 71 11 00-2141)</small>		
		Note: Grade 1, BHMA 156.3.		
08 71 11 00-2143	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 22).....	760.90	128.59
		Note: Anodized finish: aluminum or dark brown.		
		<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2144	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 22-F).....	843.60	128.59
		Note: Anodized finish: aluminum or dark brown.		
		<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2145	EA	3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 2227).....	1,097.19	154.32
		Note: Anodized finish: aluminum or dark brown.		
		<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2146	EA	3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 2227-F).....	1,303.19	142.88
		Note: Anodized finish: aluminum or dark brown.		
		<i>For 4' Push Bar, Add</i>	13.87	
08 71 11 00-2147	EA	Dummy Trim (Von Duprin Series 22, 210DT)	103.89	21.43
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2148	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 210NL)	220.65	28.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2149	EA	Knob Trim With Cylinder (Von Duprin Series 22, 210K)	411.34	42.87
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2150	EA	Lever Trim With Cylinder (Von Duprin Series 22, 230L)	407.53	42.87
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2151	EA	Thumbpiece Trim With Cylinder (Von Duprin Series 22, 230TP).....	406.57	42.87
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2152	EA	Blank Escutcheon Knob (Von Duprin Series 22, 210K-BE).....	325.07	42.87
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2153	EA	Exit Only Trim Plate (Von Duprin Series 22, 230EO).....	131.55	17.15
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2154	EA	Dummy Trim (Von Duprin Series 22, 230DT)	152.51	21.43
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2155	EA	Night Latch Trim With Cylinder (Von Duprin Series 22, 230NL)	271.20	28.57
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2156	EA	Blank Escutcheon Lever (Von Duprin Series 22, 230L-BE).....	321.26	42.87
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2157	EA	Blank Escutcheon Thumbpiece (Von Duprin Series 22, 230TP-BE).....	320.30	42.87
		Note: Anodized finish: aluminum or dark brown.		
08 71 11 00-2158		Push Bar Exit Device, Narrow Stile, Von Duprin Series 33/35 <small>(08 71 11 00-2141)</small>		
		Note: Grade 1, BHMA 156.3. Series 33 has a ribbed case, Series 35 has a smooth case.		
08 71 11 00-2159	EA	3' Push Bar, Rim Type, Narrow Stile Exit Device (Von Duprin Series 33/35)	1,739.47	128.59
		Note: Aluminum anodized finish.		
		<i>For 4' Push Bar, Add</i>	13.87	
		<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	143.01	
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	134.77	
		<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	53.07	
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	407.79	
		<i>For Accessible Device (AX), Add</i>	139.66	
08 71 11 00-2160	EA	3' Push Bar, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327/3527)	2,375.42	154.32
		Note: Aluminum anodized finish.		
		<i>For 4' Push Bar, Add</i>	13.87	
		<i>For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add</i>	201.11	
		<i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i>	189.52	
		<i>For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add</i>	74.63	
		<i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i>	573.46	
		<i>For Accessible Device (AX), Add</i>	196.39	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2161	EA		3' Push Bar, Fire Rated, Surface Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3327-F/3527-F).....	2,423.01	154.32
			Note: Aluminum anodized finish.		
			For 4' Push Bar, Add	13.87	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	205.98	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	194.11	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	76.44	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	587.36	
			For Accessible Device (AX), Add	201.15	
08 71 11 00-2162	EA		3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347/3547)	2,455.83	177.17
			Note: Aluminum anodized finish.		
			For 4' Push Bar, Add	13.87	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	202.90	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	191.21	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	75.30	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	578.59	
			For Accessible Device (AX), Add	198.15	
08 71 11 00-2163	EA		3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3347-F/3547-F)	2,578.57	177.17
			Note: Aluminum anodized finish.		
			For 4' Push Bar, Add	13.87	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	215.47	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	203.06	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	79.96	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	614.43	
			For Accessible Device (AX), Add	210.42	
08 71 11 00-2164	EA		3' Push Bar, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348/3548)	2,750.16	177.17
			Note: Aluminum anodized finish.		
			For 4' Push Bar, Add	13.87	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	233.04	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	219.61	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	86.48	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	664.53	
			For Accessible Device (AX), Add	227.58	
08 71 11 00-2165	EA		3' Push Bar, Fire Rated, Concealed Vertical Rods, Narrow Stile Exit Device (Von Duprin Series 3348-F/3548-F)	2,872.90	177.17
			Note: Aluminum anodized finish.		
			For 4' Push Bar, Add	13.87	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	245.61	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	231.46	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	91.14	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	700.37	
			For Accessible Device (AX), Add	239.85	
08 71 11 00-2166	EA		Dummy Trim (Von Duprin Series 33/35, DT)	392.81	21.43
			Note: Anodized finish: aluminum or dark brown.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	32.39	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.76	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	98.01	
08 71 11 00-2167	EA		Night Latch With Cylinder, Less Pull (Von Duprin Series 33/35, NL-OP)	434.51	28.57
			Note: Anodized finish: aluminum or dark brown.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	34.21	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	13.47	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	103.51	
08 71 11 00-2168	EA		Night Latch With Cylinder (Von Duprin Series 33/35, NL)	713.14	28.57
			Note: Anodized finish: aluminum or dark brown.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	61.10	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	24.06	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	184.87	
08 71 11 00-2169	EA		Lever Trim With Cylinder (Von Duprin Series 33/35, 360L)	724.32	42.87
			Note: Anodized finish: aluminum or dark brown.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	58.87	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	23.18	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	178.12	
08 71 11 00-2170	EA		Blank Escutcheon Lever With Cylinder (Von Duprin Series 33/35, 360L-BE)	861.90	42.87
			Note: Anodized finish: aluminum or dark brown.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	72.14	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	28.41	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	218.30	
08 71 11 00-2171	EA		Lever Dummy Trim With Cylinder (Von Duprin Series 33/35, 360L-DT)	844.55	42.87
			Note: Anodized finish: aluminum or dark brown.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	70.47	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	27.75	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	213.23	
08 71 11 00-2172	EA		Thumbturn Trim With Cylinder (Von Duprin Series 33/35, 360T)	852.65	42.87
			Note: Anodized finish: aluminum or dark brown.		
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	71.25	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	28.06	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	215.60	

08 71 11 00-2173 Recessed Push Bar Exit Device, Von Duprin Series 94/95 (08 71 11 00-2141)
 Note: Grade 1, BHMA 156.3. Series 9447 has a smooth case, Series 9547 has a grooved case.

08 Openings

08 70 Hardware

08 71 Door Hardware

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 71 11 00-2174	EA	3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9447/9547).....	2,272.18	177.17
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	167.20	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	174.39	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	278.66	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	569.91	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	179.78	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	264.28	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Less Bottom Rod (LBR), Deduct	-176.91	
		For Latch Bolt Monitoring Switch (LX), Deduct	-155.15	
08 71 11 00-2175		Push Bar Exit Device, Von Duprin Series 98/99 <small>(08 71 11 00-2141)</small>		
		Note: Grade 1, BHMA 156.3. Series 98 has a smooth case, Series 99 has a grooved case.		
08 71 11 00-2176	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series 98/99).....	1,492.97	128.59
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	70.15	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	111.55	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	178.26	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	364.57	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	115.01	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	169.06	
		For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
		For Special Center Case Dogging (SD), Add	252.54	
		For Cylinder Dogging Indicator (CI), Add	168.10	
		For Dogging Indicator (DI), Add	154.42	
		For Accessible Device (AX), Add	115.01	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2177	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series 98-F/99-F).....	1,694.14	128.59
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	82.42	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	131.07	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	209.44	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	428.34	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	135.12	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	198.63	
		For Accessible Device (AX), Add	135.12	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2178	EA	3' Push Bar, Rim Type, Exit Device (Von Duprin Series XP98/XP99).....	1,353.81	128.59
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	61.66	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	98.06	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	156.69	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	320.45	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	101.09	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	148.60	
		For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
		For Special Center Case Dogging (SD), Add	252.54	
		For Cylinder Dogging Indicator (CI), Add	168.10	
		For Dogging Indicator (DI), Add	154.42	
		For Accessible Device (AX), Add	101.09	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2179	EA	3' Push Bar, Fire Rated, Rim Type, Exit Device (Von Duprin Series XP98-F/XP99-F).....	1,508.30	128.59
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	71.09	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	113.04	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	180.63	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	369.43	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	116.54	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	171.31	
		For Accessible Device (AX), Add	116.54	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2180 EA 3' Push Bar, Surface Vertical Rods, Exit Device (Von Duprin Series 9827/9927).....	2,128.69	154.32
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	104.75	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	166.57	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	266.16	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	544.35	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	171.72	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	252.43	
For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
For Special Center Case Dogging (SD), Add	252.54	
For Cylinder Dogging Indicator (CI), Add	168.10	
For Dogging Indicator (DI), Add	154.42	
For Accessible Device (AX), Add	171.72	
For Quiet Electric Latch Retraction (QEL), Add	802.58	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2181 EA 3' Push Bar, Fire Rated, Surface Vertical Rods, Exit Device (Von Duprin Series 9827-F/9927-F)	2,401.36	154.32
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	121.38	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	193.02	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	308.43	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	630.79	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	198.99	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	292.51	
For Accessible Device (AX), Add	198.99	
For Quiet Electric Latch Retraction (QEL), Add	802.58	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2182 EA 3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847/9947).....	2,236.40	177.17
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	163.87	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	179.92	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	273.11	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	558.56	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	176.20	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	259.02	
For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
For Special Center Case Dogging (SD), Add	252.54	
For Cylinder Dogging Indicator (CI), Add	168.10	
For Dogging Indicator (DI), Add	154.42	
For Accessible Device (AX), Add	176.20	
For Quiet Electric Latch Retraction (QEL), Add	802.58	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2183 EA 3' Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9847-F/9947-F)	2,515.12	177.17
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	189.79	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	197.95	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	316.32	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	646.92	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	204.08	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	299.99	
For Accessible Device (AX), Add	204.08	
For Quiet Electric Latch Retraction (QEL), Add	802.58	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2184 EA 3' Push Bar, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848/9948).....	2,521.18	177.17
Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
For 4' Push Bar, Add	13.00	
For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	190.35	
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	198.54	
For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	317.26	
For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	648.84	
For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	204.68	
For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	300.88	
For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
For Special Center Case Dogging (SD), Add	252.54	
For Cylinder Dogging Indicator (CI), Add	168.10	
For Dogging Indicator (DI), Add	154.42	
For Accessible Device (AX), Add	204.68	
For Quiet Electric Latch Retraction (QEL), Add	802.58	
For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
For Safety Glow Touchpad, Add	281.50	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2185	EA	3'	Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device (Von Duprin Series 9848-F/9948-F).....	2,304.47	177.17
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	170.20	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	177.52	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	283.67	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	580.14	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	183.01	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	269.02	
			For Accessible Device (AX), Add	183.01	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2186	EA	3'	Push Bar, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC/9947WDC)	2,020.27	177.17
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	143.77	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	149.95	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	239.61	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	490.05	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	154.59	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	227.25	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Cylinder Dogging Indicator (CI), Add	168.10	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	154.59	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2187	EA	3'	Push Bar, Fire Rated, Concealed Vertical Rods, Exit Device For Wood Door (Von Duprin Series 9847WDC-F/9947WDC-F)	2,267.28	177.17
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	166.74	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	173.91	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	277.90	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	568.35	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	179.29	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	263.56	
			For Accessible Device (AX), Add	179.29	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2188	EA	3'	Push Bar, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857/9957)	2,180.57	154.32
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	107.91	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	171.60	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	274.21	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	560.80	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	176.91	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	260.05	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Cylinder Dogging Indicator (CI), Add	168.10	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	176.91	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2189	EA	3'	Push Bar, Fire Rated, Surface Mount, Three Point Latch, Exit Device (Von Duprin Series 9857-F/9957-F)	2,322.66	154.32
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	116.58	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	185.38	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	296.23	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	605.84	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	191.12	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	280.94	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Cylinder Dogging Indicator (CI), Add	168.10	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	191.12	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2190	EA		3' Push Bar, Mortise Lock, Exit Device (Von Duprin Series 9875/9975).....	2,109.48	160.03
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	62.19	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	163.04	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	260.53	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	532.83	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	168.08	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	247.08	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Cylinder Dogging Indicator (CI), Add	168.10	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	168.08	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2191	EA		3' Push Bar, Fire Rated, Mortise Lock, Exit Device (Von Duprin Series 9875-F/9975-F).....	2,314.27	160.03
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	69.77	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	182.91	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	292.27	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	597.74	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	188.56	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	277.19	
			For Accessible Device (AX), Add	188.56	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2192	EA		3' Push Bar, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849/9949).....	1,928.71	177.17
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	135.25	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	141.07	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	225.42	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	461.03	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	145.43	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	213.79	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Cylinder Dogging Indicator (CI), Add	168.10	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	145.43	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2193	EA		3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device (Von Duprin Series 9849-F/9949-F).....	2,088.93	177.17
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	150.15	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	156.61	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	250.26	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	511.82	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	161.46	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	237.34	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Cylinder Dogging Indicator (CI), Add	168.10	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	161.46	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2194	EA		3' Push Bar, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC/9949WDC).....	2,094.65	177.17
			Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	150.69	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	157.17	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	251.14	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	513.63	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	162.03	
			For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	238.18	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Cylinder Dogging Indicator (CI), Add	168.10	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	162.03	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	

08 Openings**08 70 Hardware****08 71 Door Hardware**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

08 71 11 00-2195	EA	3' Push Bar, Fire Rated, Concealed Vertical Cable, Exit Device For Wood Door (Von Duprin Series 9849WDC-F9949WDC-F)	2,380.75	177.17
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	177.29	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	184.92	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	295.49	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	604.32	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	190.64	
		For Satin Stainless Steel, US32D (BHMA 630) Finish, Add	280.24	
		For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
		For Special Center Case Dogging (SD), Add	252.54	
		For Cylinder Dogging Indicator (CI), Add	168.10	
		For Dogging Indicator (DI), Add	154.42	
		For Accessible Device (AX), Add	190.64	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2196	EA	3' Push Bar, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98/CX99)	3,312.13	148.60
		Note: Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	451.37	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	923.12	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	291.21	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	108.33	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	121.72	
		For Center Case Dogging (CD-CX), Add	272.64	
		For Accessible Device (AX), Add	291.21	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2197	EA	3' Push Bar, Fire Rated, Chexit Delayed Egress, Exit Device (Von Duprin Series CX98-F/CX99-F)	3,513.30	148.60
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	482.55	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	986.89	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	311.32	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	115.81	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	130.13	
		For Accessible Device (AX), Add	311.32	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2198	EA	3' Push Bar, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875/CX9975)	3,940.08	182.89
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	533.64	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	1,091.38	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	344.29	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	128.07	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	143.91	
		For Center Case Dogging (CD-CX), Add	272.64	
		For Accessible Device (AX), Add	344.29	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2199	EA	3' Push Bar, Fire Rated, Mortise Chexit Delayed Egress, Exit Device (Von Duprin Series CX9875-F/CX9975-F)	4,144.89	182.89
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	565.39	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	1,156.31	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	364.77	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	135.69	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	152.47	
		For Accessible Device (AX), Add	364.77	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2200	EA	3' Push Bar, Electric Latch Retraction, Exit Device (Von Duprin Series E98/E99)	2,124.53	148.60
		Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
		For 4' Push Bar, Add	13.00	
		For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	267.29	
		For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	546.65	
		For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	172.45	
		For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	64.15	
		For Satin Chrome Plated US26D (BHMA 626) Finish, Add	98.98	
		For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
		For Special Center Case Dogging (SD), Add	252.54	
		For Dogging Indicator (DI), Add	154.42	
		For Accessible Device (AX), Add	172.45	
		For Quiet Electric Latch Retraction (QEL), Add	802.58	
		For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
		For Safety Glow Touchpad, Add	281.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2201	EA		3' Push Bar, Fire Rated, Electric Latch Retraction, Exit Device (Von Duprin Series E98-F/E99-F).....	2,325.70	148.60
			Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	298.47	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	610.42	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	192.56	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	71.63	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	110.53	
			For Accessible Device (AX), Add	192.56	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2202	EA		3' Push Bar, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875/E9975).....	2,752.48	182.89
			Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	349.56	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	714.91	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	225.53	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	83.90	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	129.45	
			For Standard Baseplate Cylinder Dogging (CD), Add	60.32	
			For Special Center Case Dogging (SD), Add	252.54	
			For Dogging Indicator (DI), Add	154.42	
			For Accessible Device (AX), Add	225.53	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2203	EA		3' Push Bar, Fire Rated, Mortise Electric Latch Retraction, Exit Device (Von Duprin Series E9875-F/E9975-F).....	2,957.27	182.89
			Note: Excludes power supply. Clear anodized satin aluminum US28 (BHMA 628) finish.		
			For 4' Push Bar, Add	13.00	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	381.31	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	779.83	
			For Satin Brass, Clear Coated US4 (BHMA 606) Finish, Add	246.00	
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	91.51	
			For Satin Chrome Plated US26D (BHMA 626) Finish, Add	141.21	
			For Accessible Device (AX), Add	246.00	
			For Quiet Electric Latch Retraction (QEL), Add	802.58	
			For Vision Impaired Touchpad, Raised Letters and Braille, Add	78.02	
			For Safety Glow Touchpad, Add	281.50	
08 71 11 00-2204	EA		Exit Only Trim Plate (Von Duprin Series 98/99, EO).....	174.49	17.15
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	3.86	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	5.79	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	21.89	
08 71 11 00-2205	EA		Dummy Trim (Von Duprin Series 98/99, 990DT).....	257.46	21.43
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.01	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.01	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	34.05	
08 71 11 00-2206	EA		Night Latch Pull Trim With 110NL Cylinder (Von Duprin Series 98/99, 990NL).....	380.91	28.57
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	9.03	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	13.54	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	51.15	
08 71 11 00-2207	EA		Night Latch Pull Trim Without Cylinder (Von Duprin Series 98/99, 990NL).....	294.64	28.57
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	6.44	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	9.66	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	36.49	
08 71 11 00-2208	EA		Lever Trim With 110NL Cylinder (Von Duprin Series 98/99, 996L).....	663.54	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	16.48	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	24.72	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	93.37	
			For Electric Unlocking (E), Add	689.97	
08 71 11 00-2209	EA		Lever Trim Without Cylinder (Von Duprin Series 98/99, 996L).....	577.27	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	13.89	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	20.83	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	78.70	
			For Electric Unlocking (E), Add	689.97	
08 71 11 00-2210	EA		Blank Escutcheon, Lever (Von Duprin Series 98/99, 996L-BE).....	577.27	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	13.89	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	20.83	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	78.70	
08 71 11 00-2211	EA		Night Latch, Lever With 110NL Cylinder (Von Duprin Series 98/99, 996L-NL).....	561.34	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	13.41	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	20.12	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	76.00	
			For Electric Unlocking (E), Add	689.97	
08 71 11 00-2212	EA		Night Latch, Lever Without Cylinder (Von Duprin Series 98/99, 996L-NL).....	475.07	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.82	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.23	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	61.33	
			For Electric Unlocking (E), Add	689.97	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2213	EA		Lever Dummy Trim (Von Duprin Series 98/99, 996L-DT)).....	475.07	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.82	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.23	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	61.33	
08 71 11 00-2214	EA		Knob Trim With 110NL Cylinder (Von Duprin Series 98/99, K).....	545.00	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	12.92	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	19.38	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	73.22	
08 71 11 00-2215	EA		Knob Trim Without Cylinder (Von Duprin Series 98/99, K).....	458.73	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.33	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	15.50	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	58.55	
08 71 11 00-2216	EA		Blank Escutcheon, Knob (Von Duprin Series 98/99, K-BE).....	458.73	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.33	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	15.50	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	58.55	
08 71 11 00-2217	EA		Night Latch, Knob With 110NL Cylinder (Von Duprin Series 98/99, K-NL).....	535.80	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	12.64	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	18.97	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	71.65	
08 71 11 00-2218	EA		Night Latch, Knob Without Cylinder (Von Duprin Series 98/99, K-NL).....	449.53	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.06	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	15.08	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	56.99	
08 71 11 00-2219	EA		Dummy Trim For Knob Without Cylinder (Von Duprin Series 98/99, K-DT).....	449.53	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	10.06	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	15.08	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	56.99	
08 71 11 00-2220	EA		Thumbpiece Trim With 110NL Cylinder (Von Duprin Series 98/99, TP).....	485.72	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	11.14	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	16.71	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	63.14	
08 71 11 00-2221	EA		Thumbpiece Trim Without Cylinder (Von Duprin Series 98/99, TP).....	399.45	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.55	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.83	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	48.47	
08 71 11 00-2222	EA		Blank Escutcheon, Thumbpiece (Von Duprin Series 98/99, T-BE).....	399.45	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.55	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.83	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	48.47	
08 71 11 00-2223	EA		Push/Pull Hospital Latch Trim With 110NL Cylinder (Von Duprin Series 98/99, HL).....	399.31	42.87
			Note: Satin chrome plated US26D (BHMA 626) finish.		
			For Duranodic Dark Bronze US313 (BHMA 710) Finish, Add	8.55	
			For Satin Bronze, Clear Coated US10 (BHMA 612) Finish, Add	12.83	
			For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add	48.45	
08 71 11 00-2224			Option And Kits For Series 22, 33, 35, 98 Or 99 (08 71 11 00-2141)		
08 71 11 00-2225	EA		Alarm Kit With Switch And 9 Volt Battery Back-up.....	944.94	42.87
08 71 11 00-2226	EA		4 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914).....	806.71	42.87
			For Battery Backup (Includes Board And 2 Batteries), Add	59.40	
			For Fire Alarm Interface, Add	29.70	
			For 2 Relay Panic Device Control Board, Add	68.91	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	80.78	
			For 4 Relay Output Board, Add	66.53	
			For 4 Relay Logic Board, Add	182.47	
			For Fused 8 Zone Distribution Board, Add	23.76	
08 71 11 00-2227	EA		Jamb Mounted Concealed Electric Power Transfer (Von Duprin EPT-10).....	752.95	42.87
08 71 11 00-2228	EA		2 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS902).....	386.80	42.87
			For Battery Backup (Includes Board And 2 Batteries), Add	59.40	
			For Fire Alarm Interface, Add	29.70	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	80.78	
			For 4 Relay Output Board, Add	66.53	
			For 4 Relay Logic Board, Add	182.47	
			For Fused 8 Zone Distribution Board, Add	23.76	
08 71 11 00-2229	EA		4 Amperes Output Current, 12/24 Volt DC, Power Supply (Von Duprin PS904).....	627.92	42.87
			For Battery Backup (Includes Board And 2 Batteries), Add	59.40	
			For Fire Alarm Interface, Add	29.70	
			For 2 Relay Quiet Electric Latch Panic Device Control Board, Add	80.78	
			For 4 Relay Output Board, Add	66.53	
			For 4 Relay Logic Board, Add	182.47	
			For Fused 8 Zone Distribution Board, Add	23.76	
08 71 11 00-2230	EA		6 Amperes Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS906).....	947.89	43.43
			For Owner Furnished Material, Deduct	-833.58	
08 71 11 00-2231	EA		4 Amperes (3 Amperes Wet) Output Current, 12-24 Volt DC, Power Supply (Von Duprin PS914 x 900-2RS).....	952.93	43.43
			For Owner Furnished Material, Deduct	-838.62	
08 71 11 00-2232	EA		Request to Exit Push Pad Monitor Switch (RX).....	222.58	28.57

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2233	EA		EL Conversion Kit, Electric Latch Retraction (Von Duprin) Note: For Von Duprin Series 33A/35A/98/99 Exit Device	1,025.50	
08 71 11 00-2234 Removable Verticals, Mullions (Von Duprin) <small>(08 71 11 00-2141)</small>					
08 71 11 00-2235	EA		7'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-72) Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	553.00 -438.69	28.57
08 71 11 00-2236	EA		8'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-82) Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	587.33 -473.02	28.57
08 71 11 00-2237	EA		10'-2" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin 4954-102) Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	957.65 -843.34	28.57
08 71 11 00-2238	EA		7'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-76) Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	942.07 -804.90	34.29
08 71 11 00-2239	EA		8'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-86) Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	976.40 -839.23	34.29
08 71 11 00-2240	EA		10'-6" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness (Von Duprin KR4954-106) Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,051.74 -914.57	34.29
08 71 11 00-2241	EA		7'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-73)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	977.14 -862.83	28.57
08 71 11 00-2242	EA		8'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-83)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,021.98 -907.67	28.57
08 71 11 00-2243	EA		10'-3" Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin 9954-103)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,112.87 -998.56	28.57
08 71 11 00-2244	EA		7'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-75)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,512.61 -1,375.44	34.29
08 71 11 00-2245	EA		8'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-85)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	1,557.45 -1,420.28	34.29
08 71 11 00-2246	EA		10'-5" Keyed Removable Steel Mullion, 2" x 3" x 1/8" Wall Thickness, Fire Rated (Von Duprin KR9954-105)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	2,966.47 -2,829.30	34.29
08 71 11 00-2247	EA		Mullion Stabilizer Set (Von Duprin 154)..... Note: For use with Von Duprin Panic rim devices. <i>For Owner Furnished Material, Deduct</i>	117.24 -71.52	22.86
08 71 11 00-2248 Cross Bar Exit Device, Narrow Stile, Von Duprin Series 55 <small>(08 71 11 00-2141)</small>					
Note: Grade 1, BHMA 156.3.					
08 71 11 00-2249	EA		42" Crossbar Exit Device, Rim Type, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 55. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,164.43 229.51 264.12 347.91 378.87	128.59
08 71 11 00-2250	EA		42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,788.93 291.63 335.61 442.08 481.43	177.17
08 71 11 00-2251	EA		42" Crossbar Exit Device, Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	3,047.37 324.20 373.09 491.44 535.18	177.17
08 71 11 00-2252	EA		42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,852.83 299.69 344.88 454.29 494.72	177.17
08 71 11 00-2253	EA		42" Crossbar Exit Device, Wood Door Concealed Vertical Rod, Narrow Stile, Fire Rated Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5547WDC-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	3,103.64 331.29 381.24 502.19 546.89	177.17
08 71 11 00-2254	EA		42" Crossbar Exit Device, Mortise Lock, Narrow Stile Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,166.22 218.94 251.95 331.88 361.42	160.03

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2255	EA		42" Crossbar Exit Device, Mortise Lock, Narrow Stile, Fire Rated..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 5575-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,335.02 240.20 276.43 364.12 396.53	160.03
08 71 11 00-2256	EA		Dummy Trim (DT) Pull Bracket, Von Duprin Series 55..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	370.91 39.53 45.50 59.93 65.26	21.43
08 71 11 00-2257	EA		Cylinder Assembly, Von Duprin Series 55..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	168.71 11.17 12.86 16.94 18.45	30.29
08 71 11 00-2258	EA		Night Latch Pull Trim (NL) With Cylinder, Von Duprin Series 55..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	618.33 67.83 78.05 102.82 111.97	30.29
08 71 11 00-2259	EA		Thumbturn Trim (376T) With Cylinder, Von Duprin Series 55..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	664.07 69.27 79.72 105.00 114.35	42.87
08 71 11 00-2260	EA		Thumbturn - Blank Escutcheon (376T-BE), Von Duprin Series 55..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	547.27 54.55 62.78 82.70 90.06	42.87
08 71 11 00-2261	EA		Lever Trim (371L) With Cylinder, Von Duprin Series 55..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	664.07 69.27 79.72 105.00 114.35	42.87
08 71 11 00-2262	EA		Lever Trim (575L) With Cylinder, Von Duprin Series 55..... Note: Anodized finish: dull brass or dull bronze. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Brass, Clear Coated US3 (BHMA 605) Or Bright Chrome Plated US26 (BHMA 625) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	765.15 82.01 94.37 124.31 135.37	42.87
08 71 11 00-2263			Cross Bar Exit Device, Von Duprin Series 88 (08 71 11 00-2141) Note: Grade 1, BHMA 156.3.		
08 71 11 00-2264	EA		42" Crossbar, Rim Type, Exit Device..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,375.75 32.02 33.05 281.96	128.59
08 71 11 00-2265	EA		42" Crossbar, Fire Rated, Rim Type, Exit Device..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 88-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,603.68 39.08 40.34 344.19	128.59
08 71 11 00-2266	EA		42" Crossbar, Surface Vertical Rods, Exit Device..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,779.07 42.39 43.76 373.35	154.32
08 71 11 00-2267	EA		42" Crossbar, Fire Rated, Surface Vertical Rods, Exit Device..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8827-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,272.11 57.68 59.54 507.95	154.32
08 71 11 00-2268	EA		42" Crossbar, Concealed Vertical Rods, Exit Device..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,717.86 38.55 39.79 339.47	177.17
08 71 11 00-2269	EA		42" Crossbar, Fire Rated, Concealed Vertical Rods, Exit Device..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8847-F. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	2,166.19 52.45 54.14 461.87	177.17
08 71 11 00-2270	EA		42" Crossbar, Mortise Lock, Exit Device..... Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875. <i>For Satin Chrome Plated US26D (BHMA 626) Finish, Add</i> <i>For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add</i> <i>For Bright Stainless Steel US32 (BHMA 629) Finish, Add</i>	1,840.07 43.75 45.17 385.32	160.03

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2271 EA 42" Crossbar, Fire Rated, Mortise Lock, Exit Device.....	1,956.42	160.03
Note: Anodized finish: dull brass or dull bronze. Von Duprin Series 8875-F.		
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	47.36	
For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	48.89	
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	417.08	
08 71 11 00-2272 EA Dummy Trim (Von Duprin Series 88, DT).....	207.83	21.43
Note: Anodized finish: dull brass or dull bronze.		
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	4.67	
For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	4.82	
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	41.14	
08 71 11 00-2273 EA Night Latch Pull Trim With Cylinder (Von Duprin Series 88, NL).....	325.55	28.57
Note: Anodized finish: dull brass or dull bronze.		
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	7.61	
For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	7.86	
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	67.03	
08 71 11 00-2274 EA Thumbturn Trim With Cylinder (Von Duprin Series 88, 376T Or 377T).....	577.80	42.87
Note: Anodized finish: dull brass or dull bronze.		
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	14.37	
For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	14.83	
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	126.53	
08 71 11 00-2275 EA Lever Trim With Cylinder (Von Duprin Series 88, 373L).....	539.65	42.87
Note: Anodized finish: dull brass or dull bronze.		
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	13.19	
For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	13.61	
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	116.12	
08 71 11 00-2276 EA Knob Trim With Cylinder (Von Duprin Series 88, K).....	403.71	42.87
Note: Anodized finish: dull brass or dull bronze.		
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	8.97	
For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	9.26	
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	79.01	
08 71 11 00-2277 EA Thumpiece Trim With Cylinder (Von Duprin Series 88, TP).....	403.71	42.87
Note: Anodized finish: dull brass or dull bronze.		
For Satin Chrome Plated US26D (BHMA 626) Finish, Add	8.97	
For Dark Oxidized Satin Bronze, Oil Rubbed, US10B (BHMA 613) Finish, Add	9.26	
For Bright Stainless Steel US32 (BHMA 629) Finish, Add	79.01	
08 71 11 00-2278 Push Bar Exit Device, Precision Hardware Apex 2000 Series (08 71 11 00-2141)		
Note: Grade 1, BHMA 156.3. Anodized Aluminum Finish.		
08 71 11 00-2279 EA 3' Push Bar Exit Device, Rim Type (Precision Hardware 2100 Series).....	2,056.50	128.59
For 4' Push Bar, Add	13.87	
For Owner Furnished Material, Deduct	-1,713.58	
08 71 11 00-2280 EA 3' Push Bar Exit Device, Rim Type, Fire Rated (Precision Hardware 2100 Series).....	2,174.25	128.59
For 4' Push Bar, Add	13.87	
For Owner Furnished Material, Deduct	-1,831.33	
08 71 11 00-2281 EA 3' Push Bar Exit Device, Surface Vertical Rod (Top Only) (Precision Hardware 2200 Series).....	2,830.04	154.32
For 4' Push Bar, Add	13.87	
For Owner Furnished Material, Deduct	-2,418.54	
08 71 11 00-2282 EA 3' Push Bar Exit Device, Surface Vertical Rod (Top Only), Fire Rated (Precision Hardware 2200 Series).....	2,947.78	154.32
For 4' Push Bar, Add	13.87	
For Owner Furnished Material, Deduct	-2,536.28	
08 71 11 00-2283 EA Exit Only, Cover Plate, Lever/Knob Trim (Precision 4901).....	250.24	17.15
For Owner Furnished Material, Deduct	-204.52	
08 71 11 00-2284 EA Exit Only, Dummy Trim, Lever/Knob Trim (Precision 4902A).....	678.44	21.43
For Owner Furnished Material, Deduct	-621.29	
08 71 11 00-2285 EA Key Retracts Latchbolt, Lever/Knob Trim (Precision 4903A).....	735.60	42.87
For Owner Furnished Material, Deduct	-621.29	
08 71 11 00-2286 EA Key Controls Lever/Knob, Lever/Knob Trim (Precision 4908A).....	890.54	42.87
For Owner Furnished Material, Deduct	-776.23	
08 71 11 00-2287 EA Key Controls Lever, Lever/Knob Trim (Precision V4908A).....	890.54	42.87
For Owner Furnished Material, Deduct	-776.23	
08 71 11 00-2288 EA Lever/Knob Always Active, Lever/Knob Trim (Precision 4914A).....	890.54	42.87
For Owner Furnished Material, Deduct	-776.23	
08 71 11 00-2289 EA Exit Only, Cover Plate, Pull Trim (Precision 1701).....	182.05	17.15
For Owner Furnished Material, Deduct	-136.33	
08 71 11 00-2290 EA Exit Only, Dummy Trim, Pull Trim (Precision 1702A).....	394.91	21.43
For Owner Furnished Material, Deduct	-337.76	
08 71 11 00-2291 EA Key Retracts Latchbolt, Pull Trim (Precision 1703A).....	417.78	28.57
For Owner Furnished Material, Deduct	-337.76	
08 71 11 00-2292 EA Key Controls Thumb Piece, Pull Trim (Precision 1705A).....	588.40	42.87
For Owner Furnished Material, Deduct	-474.09	
08 71 11 00-2293 EA Thumb Piece Always Active, Pull Trim (Precision 1715A).....	588.40	42.87
For Owner Furnished Material, Deduct	-474.09	
08 71 11 00-2294 Push Bar Exit Device, Stanley (08 71 11 00-2141)		
08 71 11 00-2295 EA Electric Rim Device With Lever (Stanley Percision ELR-TS2108 x 4908A).....	2,868.33	
08 71 11 00-2296 Door Closers (08 71 11)		
Note: Includes standard cover and arm.		

08 Openings**08 70 Hardware**

08 71 Door Hardware

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2297	EA		Surface Mounted Standard Duty Door Closer (LCN 1460 Series).....	475.66	33.15
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
			<i>For Parallel Arm, Add</i>	22.40	
08 71 11 00-2298	EA		Surface Mounted Heavy Duty Door Closer (LCN 4010/4020/4110 Series).....	579.35	33.15
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 11 00-2299	EA		Surface Mounted Heavy Duty Door Closer (LCN 4040XP/4041 Series).....	595.84	33.15
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
			<i>For Spring Cush Arm, Add</i>	67.20	
			<i>For Parallel Arm And PA Shoe, Add</i>	22.40	
			<i>For Stainless Steel Finish, Add</i>	145.00	
08 71 11 00-2300	EA		Surface Mounted High Security Door Closer With Metal Cover (LCN 4510).....	616.48	33.15
			<i>For Delayed Action, Add</i>	12.60	
			<i>For AVB (5 LB Per Push), Add</i>	6.60	
			<i>For Fusible Link Arm, Add</i>	39.60	
			<i>For Shock Absorbing Arm, Add</i>	19.80	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 11 00-2301	EA		Surface Mounted Standard Duty Door Closer (Norton 8301).....	397.99	33.15
			<i>For Parallel Arm, Add</i>	22.40	
08 71 11 00-2302	EA		Surface Mounted Standard Duty Door Closer (Norton 8501).....	401.47	33.15
			<i>For Parallel Arm, Add</i>	22.40	
08 71 11 00-2303	EA		Screen Door - Closer.....	55.60	12.43
08 71 11 00-2304	EA		Screen Door - Locking Handle.....	60.92	17.84
08 71 11 00-2305			Concealed Door Closers <small>(08 71 11)</small>		
08 71 11 00-2306	EA		Non-Hold Open, Floor Concealed Door Closer (Rixson 27/28).....	1,342.20	98.30
08 71 11 00-2307	EA		Selective Hold Open, Floor Concealed Door Closer (Rixson 27/27).....	1,439.39	98.30
08 71 11 00-2308	EA		Concealed (In Door) Overhead Door Closer (LCN 3130).....	684.54	40.01
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 11 00-2309	EA		Concealed (In Frame) Overhead Door Closer (LCN 5010).....	741.39	40.01
			<i>For Delayed Action, Add</i>	12.60	
			<i>For Hold Open Arm, Add</i>	13.80	
			<i>For Plated Brass Finish, Add</i>	101.40	
			<i>For Plated Finish With Clear Coat, Add</i>	127.20	
08 71 11 00-2310			Locks And Latches <small>(08 71 11)</small>		
			Note: All locksets are supplied with knob, lever or thumb piece, set of 3 keys and include a core. Multi purchase locksets can be keyed alike and to an existing master key (when required). The cost for boring hole or preparing mortise is included with the new door.		
08 71 11 00-2311			Locksmith Services <small>(08 71 11 00-2310)</small>		
08 71 11 00-2312	EA		Provide Extra Keys (Above The Three Provided For New Locks) Or Duplicate Keys.....	1.90	
			<i>For >50, Deduct</i>	-0.38	
08 71 11 00-2313	EA		Rekey Existing Cylinder To Match Existing Cylinders Or Master Key.....	137.22	
			<i>For >5, Deduct</i>	-13.72	
08 71 11 00-2314	EA		Removal And Replacement Of Cylinder With Owner Supplied Cylinder.....	137.22	
			<i>For >5, Deduct</i>	-13.72	
08 71 11 00-2315	EA		Removal And Replacement Of Cylinder With New Cylinder.....	157.46	
			Note: Excludes core.		
			<i>For >5, Deduct</i>	-13.72	
08 71 11 00-2316	EA		Open Locked Doors.....	137.22	
08 71 11 00-2317	EA		Install Owner Furnished Cores And Cylinders.....	57.56	
08 71 11 00-2318			Mortise Locksets And Latchsets <small>(08 71 11 00-2310)</small>		
			Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 11 00-2319	EA		Passage/Closet F01 Mortise Latchset.....	813.21	28.57
			Note: Both sides always unlocked.		
			<i>For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add</i>	23.06	
			<i>For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add</i>	20.97	
			<i>For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add</i>	34.95	
			<i>For Satin Stainless Steel US32D (BHMA 630) Finish, Add</i>	246.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2320 EA Bath/Bedroom Privacy F02/F19 Mortise Lockset.....	968.49	28.57
Note: Locked with thumb knob inside.		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	28.19	
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	25.63	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	42.71	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	301.53	
08 71 11 00-2321 EA Entrance/Office F04 Mortise Lockset.....	1,078.33	28.57
Note: Locked with key outside and thumb knob inside.		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	31.81	
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	28.92	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	48.20	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	340.30	
08 71 11 00-2322 EA Classroom F05 Mortise Lockset	1,006.19	28.57
Note: Locked with key outside. Inside always unlocked.		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	29.43	
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	26.76	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	44.59	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	314.83	
For Security Function (Double Cylinder) With Visual Indicator, Add	77.16	
08 71 11 00-2323 EA Storeroom/Closet F07 Mortise Lockset.....	1,006.19	28.57
Note: Locked with key outside. Inside always unlocked. Fixed outside handle.		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	29.43	
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	26.76	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	44.59	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	314.83	
08 71 11 00-2324 EA Entrance F08 Mortise Lockset	1,124.33	28.57
Note: Locked with key outside and thumb knob inside.		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	33.33	
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	30.30	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	50.50	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	356.54	
08 71 11 00-2325 EA Dormitory/Exit F13 Mortise Lockset.....	967.41	28.57
Note: Locked with key outside and thumb knob inside.		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	28.15	
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	25.59	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	42.66	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	301.14	
08 71 11 00-2326 Mortise Locksets And Latchsets (Corbin Russwin) (08 71 11 00-2310)		
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.13 Grade 1. Levers or knobs.		
08 71 11 00-2327 EA Storeroom Mortise Lockset (Corbin Russwin ML2057-LWN).....	743.11	28.57
Note: Satin Chrome Finish (626)		
08 71 11 00-2328 EA Classroom Mortise Lockset (Corbin Russwin ML2055-LWN).....	743.22	28.57
Note: Satin Chrome Finish (626)		
08 71 11 00-2329 EA Office Mortise Lockset (Corbin Russwin ML2051-LWN).....	743.22	28.57
Note: Satin Chrome Finish (626)		
08 71 11 00-2330 EA Privacy Mortise Lockset (Corbin Russwin ML2060).....	684.15	28.57
Note: Satin Chrome Finish (626)		
08 71 11 00-2331 EA Passage Mortise Lockset (Corbin Russwin ML2010-LWN).....	669.87	28.57
Note: Satin Chrome Finish (626)		
08 71 11 00-2332 Electrically Controlled Mortise Locksets And Latchsets (Corbin Russwin) (08 71 11 00-2310)		
Note: Satin chrome plated US 26D (BHMA 626)		
08 71 11 00-2333 EA Electrically Controlled Mortise Lock - Single Cylinder, Lever (Corbin Russwin ML20906 LWA).....	923.42	28.57
Note: Satin Chrome Finish (626)		
08 71 11 00-2334 Locks And Latches (08 71 11 00-2310)		
08 71 11 00-2335 Preassembled Locks And Latches (08 71 11 00-2334)		
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989 Grade 1, with knob handles.		
08 71 11 00-2336 EA Passage/Closet F36 Pre-Assembled Latchset (Corbin Russwin UT5210)	1,667.39	28.57
Note: Both sides always unlocked.		
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	47.45	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	79.08	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	558.33	
For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	294.19	
For Grade 2, Deduct	-615.27	
08 71 11 00-2337 EA Bath/Bedroom Privacy F37 Pre-Assembled Lockset (Corbin Russwin UT5220).....	1,805.66	28.57
Note: Locked with push button inside.		
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	51.60	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	86.00	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	607.14	
For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	319.91	
For Grade 2, Deduct	-669.05	
08 71 11 00-2338 EA Entrance/Office F41 Pre-Assembled Lockset (Corbin Russwin UT5261).....	2,053.60	28.57
Note: Locked with key outside and push button inside.		
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	59.04	
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	98.39	
For Satin Stainless Steel US32D (BHMA 630) Finish, Add	694.66	
For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	366.02	
For Grade 2, Deduct	-765.50	

08 Openings**08 70 Hardware**

08 71 Door Hardware

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 71 11 00-2339	EA	Classroom F42 Pre-Assembled Lockset (Corbin Russwin UT5255).....	2,053.60		28.57
		Note: Locked with key outside. Inside always unlocked.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	59.04		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	98.39		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	694.66		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	366.02		
		For Grade 2, Deduct	-765.50		
08 71 11 00-2340	EA	Storeroom/Closet F44 Pre-Assembled Lockset (Corbin Russwin UT5257).....	2,053.60		28.57
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	59.04		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	98.39		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	694.66		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	366.02		
		For Grade 2, Deduct	-765.50		
08 71 11 00-2341		Bored Locks And Latches <small>(08 71 11 00-2334)</small>			
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pins or 7 pins. Levers or knobs.			
08 71 11 00-2342	EA	Passage/Closet F75 Bored Latchset	303.16		28.57
		Note: Both sides always unlocked.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	5.67		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	9.44		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	66.66		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	35.13		
		For Grade 2, Deduct	-9.44		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	3.78		
		For Interchangeable Core, Add	9.45		
08 71 11 00-2343	EA	Bath/Bedroom Privacy F76 Bored Lockset	348.19		28.57
		Note: Locked with push button inside.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	7.02		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	11.69		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	82.56		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	43.50		
		For Grade 2, Deduct	-11.69		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	4.68		
		For Interchangeable Core, Add	9.45		
08 71 11 00-2344	EA	Entrance/Office F82 Bored Lockset.....	384.49		28.57
		Note: Locked with key outside and push button inside.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	8.11		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	13.51		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	95.37		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	50.25		
		For Grade 2, Deduct	-13.51		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	5.40		
		For Interchangeable Core, Add	9.45		
08 71 11 00-2345	EA	Classroom F84 Bored Lockset.....	384.49		28.57
		Note: Locked with key outside. Inside always unlocked.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	8.11		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	13.51		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	95.37		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	50.25		
		For Grade 2, Deduct	-13.51		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	5.40		
		For Interchangeable Core, Add	9.45		
08 71 11 00-2346	EA	Storeroom/Closet F86 Bored Lockset.....	384.49		28.57
		Note: Locked with key outside. Inside always unlocked. Fixed outside handle.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	8.11		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	13.51		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	95.37		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	50.25		
		For Grade 2, Deduct	-13.51		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	5.40		
		For Interchangeable Core, Add	9.45		
08 71 11 00-2347	EA	Corridor/Dormitory F90 Bored Lockset	384.49		28.57
		Note: Locked with key outside and push button inside.			
		For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add	8.11		
		For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add	13.51		
		For Satin Stainless Steel US32D (BHMA 630) Finish, Add	95.37		
		For Bright Chrome Plated Finish US26 (BHMA 625) Finish, Add	50.25		
		For Grade 2, Deduct	-13.51		
		For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add	5.40		
		For Interchangeable Core, Add	9.45		
08 71 11 00-2348		Heavy Duty Cylinder Lever Locksets <small>(08 71 11 00-2334)</small>			
		Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/8" backset. (Corbin Russwin CL 3500).			
08 71 11 00-2349	EA	Heavy Duty Cylindrical Passage Or Closet Lockset F75	433.04		28.57
		Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).			
08 71 11 00-2350	EA	Heavy Duty Cylindrical, F76 Privacy Bath/Bedroom Lockset.....	464.36		28.57
		Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).			
08 71 11 00-2351	EA	Heavy Duty Cylindrical, F82 Entrance Lockset	507.03		28.57
		Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).			
08 71 11 00-2352	EA	Heavy Duty Cylindrical, F84 Classroom Lockset	507.03		28.57
		Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).			
08 71 11 00-2353	EA	Heavy Duty Cylindrical, F86 Storeroom Or Closet Lockset.....	507.03		28.57
		Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2354 EA Heavy Duty Cylindrical, F109 Entrance Lockset.....	507.03	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 11 00-2355 EA Heavy Duty Cylindrical Full Dummy Trim Lockset.....	407.44	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3600).		
08 71 11 00-2356	Extra Heavy Duty Cylinder Lever Locksets <small>(08 71 11 00-2334)</small>	
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1, 6 pin interchangeable core, 2-3/4" backset. (Corbin Russwin CL 3300).		
08 71 11 00-2357 EA Extra Heavy Duty Cylindrical, F75 Passage Or Closet Lockset.....	475.52	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2358 EA Extra Heavy Duty Cylindrical, F76 Privacy Bath/Bedroom Lockset.....	526.95	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2359 EA Extra Heavy Duty Cylindrical, F82 Entrance Lockset.....	569.64	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2360 EA Extra Heavy Duty Cylindrical, F84 Classroom Lockset.....	569.64	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2361 EA Extra Heavy Duty Cylindrical, F86 Storeroom Or Closet Lockset.....	569.64	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2362 EA Extra Heavy Duty Cylindrical, F109 Entrance Lockset.....	569.64	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2363 EA Extra Heavy Duty Cylindrical, F87 Utility Lockset.....	612.33	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2364 EA Extra Heavy Duty Cylindrical Full Dummy Trim Lockset.....	427.39	28.57
Note: Satin chrome plated US26D (BHMA 626) - BHMA 156.2-1989, Grade 1(Corbin Russwin CL 3300).		
08 71 11 00-2365 EA Cylinder Lockset, Newport NZD Trim, US26D (Corbin Ruswin 3300-NZD-626).....	596.19	28.57
Note: Satin chrome plated US26D (BHMA 626)		
08 71 11 00-2366	Electrified Cylinder Lever Locksets (Corbin Russwin) <small>(08 71 11 00-2334)</small>	
Note: Satin chrome plated US 26D (BHMA 626)		
08 71 11 00-2367 EA Electrified Lockset (Corbin Russwin CL33905 NZD).....	891.63	28.57
Note: Satin chrome plated US26D (BHMA 626)		
08 71 11 00-2368	Locks And Latches (Schlage ND Series) <small>(08 71 11 00-2334)</small>	
Note: Satin chrome plated US 26D (BHMA 626) - BHMA 156.2-1989, Grade 1		
08 71 11 00-2369 EA Exit Door Lever Set with Exterior Blank Plate, Satin Chrome Finish (Schlage ND25D-RHO).....	519.52	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 13.01		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 21.69		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 8.68		
08 71 11 00-2370 EA Passage Door Lever Set, Satin Chrome Finish (Schlage ND10S-RHO).....	489.42	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 12.11		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 20.18		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 8.07		
08 71 11 00-2371 EA Privacy Door Lever Set, Satin Chrome Finish (Schlage ND40S-RHO).....	555.47	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 14.09		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 23.49		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 9.39		
08 71 11 00-2372 EA Hospital Privacy Door Lever Set, Satin Chrome Finish (Schlage ND44S-RHO).....	542.69	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 13.71		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 22.85		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 9.14		
08 71 11 00-2373 EA Entrance/Office Door Lever Set, Satin Chrome Finish (Schlage ND50PD-RHO).....	644.24	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 16.76		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 27.93		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 11.17		
08 71 11 00-2374 EA Entrance Door Lever Set, Satin Chrome Finish (Schlage ND53PD-RHO).....	640.56	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 16.64		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 27.74		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 11.10		
08 71 11 00-2375 EA Classroom Door Lever Set, Satin Chrome Finish (Schlage ND70D-RHO).....	676.36	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 17.72		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 29.53		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 11.81		
08 71 11 00-2376 EA Corridor Door Lever Set, Satin Chrome Finish (Schlage ND73D-RHO).....	640.56	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 16.64		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 27.74		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 11.10		
08 71 11 00-2377 EA Storeroom Door Lever Set, Satin Chrome Finish (Schlage ND80PD-RHO).....	614.14	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 15.85		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 26.42		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 10.57		
08 71 11 00-2378 EA ND Series 6-Pin Cylinder with "C" Keyway, Satin Chrome (Schlage 23-065 C).....	86.71	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 1.74		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 2.91		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 1.16		
08 71 11 00-2379 EA Commercial Full Size Interchangeable Core "C" Keyway (Schlage 23-030 C).....	102.20	28.57
For Oxidized Satin Bronze, Oil Rubbed US10B (BHMA 613) Finish, Add 2.21		
For Satin Brass Clear Coat US4 (BHMA 606) Finish, Add 3.68		
For Bright Brass, Clear Coated US3 (BHMA 605) Finish, Add 1.47		
08 71 11 00-2380	Other Locks <small>(08 71 11 00-2310)</small>	
Note: BHMA A156.5.		
08 71 11 00-2381 EA Steel Exit Lock With Alarm, Single Door Satin Chrome Plated, BHMA E0421.....	956.41	148.60

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2382	EA		Exit Lock With Alarm At Active Leaf And Vertical Rod - Inactive Leaf Rod For Inactive Leaf (Pair Doors) Steel With Satin Chrome Plating BHMA - E0461.....	2,169.40	297.20
08 71 11 00-2383	EA		One Sided Deadbolt For Restroom Or Public Toilet..... Note: No exterior plate.	106.56	
08 71 11 00-2384	EA		Firehose Extinguisher Cabinet Lock.....	94.57	
08 71 11 00-2385			Pushbutton Combination Locks (08 71 11 00-2310)		
08 71 11 00-2386			Mechanical Pushbutton Combination Locks (08 71 11 00-2385) Note: Passage option allows access without using the lock entry code and is activated from the inside with a thumbturn or key. Lockout option disables the lock from the inside so that the entry code cannot be used to gain access.		
08 71 11 00-2387			Mechanical Pushbutton Combination Locks (Kaba® Simplex® 1000 Series) (08 71 11 00-2386) Note: Satin chrome or antique brass finish.		
08 71 11 00-2388	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1011 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	776.27 17.50 45.89 62.78	71.94
08 71 11 00-2389	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® 1311 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	833.73 17.50 45.89 62.78	71.94
08 71 11 00-2390	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1021 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	856.72 17.50 45.89 62.78	71.94
08 71 11 00-2391	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob (Kaba® Simplex® 1041 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	914.19 17.50 45.89 62.78	71.94
08 71 11 00-2392	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1011 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	873.96 17.50 45.89 62.78	71.94
08 71 11 00-2393	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® L1031 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	931.43 17.50 45.89 62.78	71.94
08 71 11 00-2394	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1021 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	954.42 17.50 45.89 62.78	71.94
08 71 11 00-2395	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® L1041 Series)..... <i>For Bright Chrome Or Bright Brass Finish, Add</i> <i>For Schlage Core, Add</i> <i>For Fire Rated, Add</i>	1,011.89 17.50 45.89 62.78	71.94
08 71 11 00-2396			Mechanical Pushbutton Combination Locks (Kaba® Simplex® 5000 Series) (08 71 11 00-2386) Note: ANSI/BHMA Grade 1, Satin chrome finish or black with satin chrome accents.		
08 71 11 00-2397	EA		Five Button, Cylindrical Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)..... <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Schlage Core, Add</i>	860.17 17.50 70.00 45.89	71.94
08 71 11 00-2398	EA		Five Button, Cylindrical Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Knob Or Lever (Kaba® Simplex® 5000 Series)..... <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Schlage Core, Add</i>	906.15 17.50 70.00 45.89	71.94
08 71 11 00-2399	EA		Five Button, Mortise Locking Device, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)..... <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Schlage Core, Add</i>	998.10 17.50 70.00 45.89	71.94
08 71 11 00-2400	EA		Five Button, Mortise Locking Device With Passage, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)..... <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Schlage Core, Add</i>	1,032.58 17.50 70.00 45.89	71.94
08 71 11 00-2401	EA		Five Button, Mortise Locking Device With Deadbolt And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series)..... <i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i> <i>For Dark Bronze Finish With Brass Accents, Add</i> <i>For Schlage Core, Add</i>	1,032.58 17.50 70.00 45.89	71.94

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2402 EA Five Button, Exit Trim, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 5000 Series).....	975.11	71.94
<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2403 Mechanical Pushbutton Combination Locks (Kaba® Simplex® 8100 Series) <small>(08 71 11 00-2386)</small> Note: Satin chrome or antique brass finish.		
08 71 11 00-2404 EA Five Button, Mortise Locking Device With Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	1,040.63	71.94
<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2405 EA Five Button, Mortise Locking Device With Deadbolt, Passage And Lockout, Mechanical Pushbutton Combination Lock With Key Override, Lever (Kaba® Simplex® 8100 Series).....	1,075.11	71.94
<i>For Bright Chrome Or Bright Brass Finish, Add</i>	17.50	
<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2406 Mechanical Pushbutton Combination Locks (Kaba® Simplex® LD 450/470) <small>(08 71 11 00-2386)</small> Note: Satin stainless, bright brass or antique brass finish.		
08 71 11 00-2407 EA Twelve Button, Tubular Latch Locking Device, Light Duty, Mechanical Pushbutton Combination Lock, Knob (Kaba® Simplex® LD 450 Series).....	446.39	71.94
<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2408 EA Twelve Button, Tubular Latch Locking Device With Passage, Light Duty, Mechanical Pushbutton Combination Lock, Lever (Kaba® Simplex® LD 470 Series).....	598.11	71.94
<i>For Schlage Core, Add</i>	45.89	
08 71 11 00-2409 Electrical Pushbutton Combination Locks <small>(08 71 11 00-2385)</small> Note: Privacy option limits access to privileged users (master codes).		
08 71 11 00-2410 Electrical Pushbutton Combination Locks (Kaba® E-Plex® 2000 Series) <small>(08 71 11 00-2409)</small> Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 100 access codes and 1,000 audit events.		
08 71 11 00-2411 EA Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	805.00	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2412 EA Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	942.93	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2413 EA Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	977.41	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2414 EA Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock, Lever (Kaba® E-Plex® 2000 Series).....	919.94	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2415 EA Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	862.47	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2416 EA Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	977.41	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2417 EA Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	1,000.40	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2418 EA Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	1,034.88	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2419 EA Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 2000 Series).....	977.41	71.94
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2420 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3000 Series) <small>(08 71 11 00-2409)</small> Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 300 access codes and 9,000 audit events.		
08 71 11 00-2421 EA Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	1,034.88	71.94
<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
<i>For Remote Unlock, Add</i>	99.17	
<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2422 EA Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3000 Series).....	1,034.88	71.94
<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
<i>For Remote Unlock, Add</i>	99.17	
<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2423 Narrow Stile Application, Electrical Pushbutton Combination Locks (Kaba® E-Plex® 3200 Series) <small>(08 71 11 00-2409)</small> Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2424	EA		Twelve Button, Mortise Locking Device, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	1,213.04	71.94
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2425	EA		Twelve Button, Mortise Locking Device With Deadbolt, Narrow Stile Application, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 3200 Series).....	1,213.04	71.94
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2426			Electrical Pushbutton Combination Locks (Kaba® E-Plex® 5200 Series) <small>(08 71 11 00-2409)</small>		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 11 00-2427	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,304.99	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2428	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,419.93	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2429	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,442.92	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2430	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,477.40	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2431	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® E-Plex® 5200 Series).....	1,419.93	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2432			Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5800 Series) <small>(08 71 11 00-2409)</small>		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</i>		
08 71 11 00-2433	EA		Twelve Button, Cylindrical Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,850.95	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2434	EA		Twelve Button, Cylindrical Locking Device With Privacy, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,965.89	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2435	EA		Twelve Button, Mortise Locking Device, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,988.88	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2436	EA		Twelve Button, Mortise Locking Device With Deadbolt, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	2,023.36	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2437	EA		Twelve Button, Exit Trim, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5800 Series).....	1,965.89	71.94
			<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
			<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
			<i>For Remote Unlock, Add</i>	99.17	
			<i>Note: Excludes momentary contact switch.</i>		
08 71 11 00-2438			Entry/Egress, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5886 Series) <small>(08 71 11 00-2409)</small>		
			<i>Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2439 EA Twelve Button, Mortise Locking Device, Entry/Egress, Electrical Pushbutton Combination Lock/Card Reader With Key Override, Lever (Kaba® E-Plex® 5886 Series).....	2,632.55	71.94
<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	35.00	
08 71 11 00-2440 Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Readers (Kaba® E-Plex® 5870 Series) (08 71 11 00-2409)		
Note: ANSI/BHMA Grade 1. Satin chrome or black with satin chrome accents finish. Includes 3,000 access codes and 30,000 audit events.		
08 71 11 00-2441 EA Twelve Button, Stand Alone Access Controller, Electrical Pushbutton Combination Lock/Card Reader (Kaba® E-Plex® 5870 Series)	1,649.81	71.94
<i>For Bright Chrome, Bright Brass Or Satin Brass Finish, Add</i>	17.50	
<i>For Dark Bronze Finish With Brass Accents, Add</i>	70.00	
08 71 11 00-2442 Electrical Pushbutton Combination Lock Accessories (Kaba® E-Plex®) (08 71 11 00-2409)		
08 71 11 00-2443 EA Standard Software Implementation Kit (Kaba® E-Plex®).....	804.91	
08 71 11 00-2444 EA Enterprise Software Implementation Kit (Kaba® E-Plex®).....	1,034.79	
08 71 11 00-2445 EA E-Plex General FIPS Software Implementation Kit (Kaba® E-Plex®).....	1,379.61	
08 71 11 00-2446 EA USB FIPS/DESFire Card Reader/Enroller (Kaba® E-Plex®).....	408.20	
08 71 11 00-2447 EA High Capacity Battery Kit (Kaba® E-Plex® E5x00 Series).....	125.33	
Note: Includes 4 C-cell battery pack.		
08 71 11 00-2448 EA 12-24 Volt DC Power Interface Kit (Kaba® E-Plex® E5x00 Series).....	149.47	
08 71 11 00-2449 Self-Powered, Electrical Pushbutton Combination Locks (Kaba® PowerPlex® 2000 Series) (08 71 11 00-2409)		
Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2450 EA Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	1,006.15	71.94
<i>For Owner Furnished Material, Deduct</i>	-718.38	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2451 EA Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	1,144.07	71.94
<i>For Owner Furnished Material, Deduct</i>	-856.30	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2452 EA Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	1,178.55	71.94
<i>For Owner Furnished Material, Deduct</i>	-890.78	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2453 EA Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock, Lever (Kaba® PowerPlex® 2000 Series).....	1,121.09	71.94
<i>For Owner Furnished Material, Deduct</i>	-833.32	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2454 EA Twelve Button, Cylindrical Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	1,063.61	71.94
<i>For Owner Furnished Material, Deduct</i>	-775.84	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2455 EA Twelve Button, Cylindrical Locking Device With Privacy, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	1,178.55	71.94
<i>For Owner Furnished Material, Deduct</i>	-890.78	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2456 EA Twelve Button, Mortise Locking Device, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	1,201.54	71.94
<i>For Owner Furnished Material, Deduct</i>	-913.77	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2457 EA Twelve Button, Mortise Locking Device With Deadbolt, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	1,236.03	71.94
<i>For Owner Furnished Material, Deduct</i>	-948.26	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2458 EA Twelve Button, Exit Trim, Self-Powered, Electrical Pushbutton Combination Lock With Key Override, Lever (Kaba® PowerPlex® 2000 Series).....	1,178.55	71.94
<i>For Owner Furnished Material, Deduct</i>	-890.78	
<i>For Satin Brass Finish, Add</i>	17.50	
08 71 11 00-2459 Electrical Pushbutton Combination Locks (Schlage) (08 71 11 00-2409)		
Note: ANSI/BHMA Grade 1. Satin chrome finish.		
08 71 11 00-2460 EA Class 100, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO100CY70KP626BD-D).....	1,005.99	71.44
<i>For Owner Furnished Material, Deduct</i>	-720.23	
08 71 11 00-2461 EA Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70KP-D).....	1,167.68	71.44
<i>For Owner Furnished Material, Deduct</i>	-881.92	
08 71 11 00-2462 EA Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage CO200CY70MSK626).....	1,319.91	71.44
<i>For Owner Furnished Material, Deduct</i>	-1,034.15	
08 71 11 00-2463 EA Class 200, Cylindrical, Classroom/Storeroom, Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70KP626).....	1,729.37	71.44
<i>For Owner Furnished Material, Deduct</i>	-1,443.61	
08 71 11 00-2464 EA Class 200, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Standalone Electronic Lock (Schlage AD200CY70MKS626).....	1,892.11	71.44
<i>For Owner Furnished Material, Deduct</i>	-1,606.35	

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2465	EA		Class 400, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD400CY70MSKSPA626)	2,083.19	71.44
			<i>For Owner Furnished Material, Deduct</i>	-1,797.43	
08 71 11 00-2466	EA		Class 300, Cylindrical, Classroom/Storeroom, Magnetic Strip + Keypad, Sparta Lever, Networked Wireless Electronic Lock (Schlage AD300CY70MSKSPA626)	1,913.10	71.44
			<i>For Owner Furnished Material, Deduct</i>	-1,627.34	
08 71 11 00-2467			Residential Locks And Latchsets (08 71 11 00-2310)		
08 71 11 00-2468	EA		Residential Entry Lockset With Knobs (Master Keyed).....	84.85	17.27
08 71 11 00-2469	EA		Residential Privacy Lockset With Knobs.....	83.07	17.27
08 71 11 00-2470	EA		Residential Passage Lockset With Knobs.....	82.84	17.27
08 71 11 00-2471	EA		Residential Dummy Lockset With Knobs.....	65.72	14.38
08 71 11 00-2472	EA		Residential Entry Lockset With Levers (Master Keyed).....	97.11	17.27
08 71 11 00-2473	EA		Residential Privacy Lockset With Levers.....	93.04	17.27
08 71 11 00-2474	EA		Residential Passage Lockset With Levers.....	90.09	17.27
08 71 11 00-2475	EA		Residential Dummy Lockset With Levers.....	67.13	14.38
08 71 11 00-2476			Deadbolts (08 71 11 00-2310)		
08 71 11 00-2477			Cylindrical Deadbolts, Grade 1, ANSI 156.5 (08 71 11 00-2476)		
			Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2478	EA		Single Cylinder Deadbolt, Key One Side, Knob One Side	194.77	28.57
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2479	EA		Double Cylinder Deadbolt, Key Both Sides.....	222.12	28.57
			Note: Cylindrical, ANSI Grade 1, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2480			Cylindrical Deadbolts, Grade 2, ANSI 156.5 (08 71 11 00-2476)		
			Note: 2-3/8" or 2-3/4" backset.		
08 71 11 00-2481	EA		Single Cylinder Deadbolt, Key One Side, Knob One Side	176.03	28.57
			Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2482	EA		Double Cylinder Deadbolt, Key Both Sides.....	205.91	28.57
			Note: Cylindrical, ANSI Grade 2, interchangeable core, bright brass or satin chromium finish.		
			<i>For Bright Chromium Or Oiled Rubbed Bronze Finish, Add</i>	4.20	
08 71 11 00-2483			Small Case Mortised Deadbolts, Grade 1, ANSI 156.5 (08 71 11 00-2476)		
			Note: Interchangeable cores with small case size, 4-1/2" x 3-1/2" nominal.		
08 71 11 00-2484	EA		Small Case Mortised Deadbolt, Key One Side, Knob One Side	252.07	28.57
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2485	EA		Small Case Mortised Deadbolt, Key Both Sides.....	277.39	28.57
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal). Also used for Classroom version.		
08 71 11 00-2486	EA		Small Case Mortised Deadbolt, Key One Side, Cover Plate One Side.....	247.00	28.57
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 3-1/2" (nominal).		
08 71 11 00-2487			Mortised Deadbolts, Grade 1, ANSI 156.5 (08 71 11 00-2476)		
			Note: Interchangeable cores with standard case size, 4-1/2" x 6" nominal.		
08 71 11 00-2488	EA		Mortised Deadbolt, Key One Side, Knob One Side	320.95	28.57
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2489	EA		Mortised Deadbolt, Key Both Sides.....	362.48	28.57
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal). Also used for Classroom version.		
08 71 11 00-2490	EA		Mortised Deadbolt, Key One Side, Cover Plate One Side	285.49	28.57
			Note: ANSI Grade 1, interchangeable cores, all finishes. Case size 4-1/2" x 6" (nominal).		
08 71 11 00-2491			Surface Mounted Deadbolts (08 71 11 00-2476)		
08 71 11 00-2492	EA		Single Cylinder Surface Mounted Deadbolt.....	135.23	28.57
			Note: Key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2493	EA		Double Cylinder Surface Mounted Deadbolt.....	153.53	28.57
			Note: Key both sides, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2494	EA		Single Cylinder Surface Mounted Interlocking Deadbolt.....	168.08	28.57
			Note: Jimmy proof, key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2495	EA		Double Cylinder Surface Mounted Interlocking Deadbolt.....	186.38	28.57
			Note: Jimmy proof, key both sides, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2496			Surface Mounted Deadlatches (08 71 11 00-2310)		
08 71 11 00-2497	EA		Single Cylinder Surface Mounted Deadlatch	136.66	28.57
			Note: Key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	
08 71 11 00-2498	EA		Single Cylinder Surface Mounted Interlocking Deadlatch.....	168.14	28.57
			Note: Jimmy proof, key one side, knob one side, bright brass finish.		
			<i>For Brushed Chrome Finish, Add</i>	10.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 71 11 00-2499		Electric Strikes <small>(08 71 11 00-2310)</small>		
08 71 11 00-2500	EA	12/24 Volt DC, Fail Safe/Fail Secure, Aluminum/Steel Body Electric Strike (Von Duprin 5100).....	365.07	57.15
08 71 11 00-2501	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6111)..... Note: For rim mounted lock	1,087.59	57.15
08 71 11 00-2502	EA	12/24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6112)..... Note: For rim mounted lock	1,038.69	57.15
08 71 11 00-2503	EA	24 Volt DC, Fail Secure, Stainless Steel Body Electric Strike (Von Duprin 6211)..... Note: For mortise or cylindrical locks	798.47	57.15
08 71 11 00-2504	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6212)..... Note: For mortise or cylindrical locks	1,092.80	57.15
08 71 11 00-2505	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6213)..... Note: For mortise or cylindrical locks	1,071.58	57.15
08 71 11 00-2506	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6214)..... Note: For mortise or cylindrical locks	1,169.46	57.15
08 71 11 00-2507	EA	24 Volt DC, Fail Secure, Dual Monitor Switch, Stainless Steel Body Electric Strike (Von Duprin 6215)..... Note: For mortise or cylindrical locks	1,088.47	57.15
08 71 11 00-2508	EA	12/24 Volt DC, 3,070 LB Static Strength, Stainless Steel Body, Dual Voltage Electric Strike (HES 1006).....	665.20	57.15
08 71 11 00-2509	EA	12/24 Volt DC, 3,000 LB Static Strength, Stainless Steel Body, Fire Rated Electric Strike (HES 4500).....	661.24	57.15
08 71 11 00-2510	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Low Profile Electric Strike (HES 5000).....	320.07	57.15
08 71 11 00-2511	EA	12/24 Volt DC, 1,500 LB Static Strength, Steel Body, Adjustable Electric Strike (HES 5200).....	320.07	57.15
08 71 11 00-2512	EA	12/24 Volt DC, 1,500 LB Static Strength, Cylindrical Or Rim Exit Device, Stainless Steel Body, Electric Strike With Preload (HES 7000).....	412.73	57.15
08 71 11 00-2513	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Cylindrical Lock Electric Strike (HES 7500).....	740.48	57.15
08 71 11 00-2514	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Compact Concealed Electric Strike (HES 8000).....	362.99	57.15
08 71 11 00-2515	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Compact Concealed Electric Strike (HES 8300).....	679.95	57.15
08 71 11 00-2516	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Fire Rated Concealed Electric Strike (HES 8500).....	600.05	57.15
08 71 11 00-2517	EA	12/24 Volt DC, 1,500 LB Static Strength, Stainless Steel Body, Slim Line Surface Mounted Electric Strike (HES 9400).....	711.72	75.44
08 71 11 00-2518	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Fire Rated Surface Mounted Electric Strike (HES 9500).....	811.37	75.44
08 71 11 00-2519	EA	12/24 Volt DC, 1,500 LB Static Strength, Rim Exit Device, Stainless Steel Body, Surface Mounted Electric Strike (HES 9600).....	712.25	75.44

08 71 11 00-2520		Electric Hardware <small>(08 71 11 00-2310)</small>		
08 71 11 00-2521	EA	Electrified Cylindrical Lock Option..... Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	200.50	
08 71 11 00-2522	EA	Electrified Mortise Lock Option..... Note: Excludes the lock. This task is used in conjunction with other locks in the CTC to electrify the lock.	233.81	
08 71 11 00-2523	EA	24" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	120.08	28.57
08 71 11 00-2524	EA	1 Ampere At 12/24 Volt DC, Door Hardware Power Supply.....	389.81	28.57
08 71 11 00-2525	EA	3 Amperes At 12 Volt DC, 2 Amperes At 24 Volt DC, Door Hardware Power Supply.....	685.13	28.57
08 71 11 00-2526	EA	4-1/2 Amperes At 12 Volt DC, 3 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,055.74	28.57
08 71 11 00-2527	EA	6 Amperes At 12 Volt DC, 4 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,167.15	28.57
08 71 11 00-2528	EA	9 Amperes At 12 Volt DC, 6 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,395.87	28.57
08 71 11 00-2529	EA	15 Amperes At 12 Volt DC, 10 Amperes At 24 Volt DC, Door Hardware Power Supply.....	1,695.53	28.57
08 71 11 00-2530	EA	18" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	100.69	28.57
08 71 11 00-2531	EA	24" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	102.98	28.57
08 71 11 00-2532	EA	30" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	117.01	28.57
08 71 11 00-2533	EA	45" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	119.79	28.57
08 71 11 00-2534	EA	60" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	121.21	28.57
08 71 11 00-2535	EA	72" Long, 1/4" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	129.26	28.57
08 71 11 00-2536	EA	12" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	102.14	28.57
08 71 11 00-2537	EA	18" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	113.39	28.57
08 71 11 00-2538	EA	36" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	122.30	28.57
08 71 11 00-2539	EA	49" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	137.69	28.57
08 71 11 00-2540	EA	60" Long, 3/8" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	141.96	28.57
08 71 11 00-2541	EA	12" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	116.20	28.57
08 71 11 00-2542	EA	18" Long, 1/2" Flexible Aluminum Conduit, Armored Power Transfer Door Loop.....	131.95	28.57
08 71 11 00-2543	EA	18" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	78.80	28.57
08 71 11 00-2544	EA	24" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	90.98	28.57
08 71 11 00-2545	EA	30" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	97.42	28.57
08 71 11 00-2546	EA	36" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	104.31	28.57
08 71 11 00-2547	EA	60" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	140.19	28.57
08 71 11 00-2548	EA	72" Long, 1/4" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	155.18	28.57
08 71 11 00-2549	EA	12" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	83.77	28.57
08 71 11 00-2550	EA	18" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	88.47	28.57
08 71 11 00-2551	EA	24" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	102.46	28.57
08 71 11 00-2552	EA	36" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	124.71	28.57
08 71 11 00-2553	EA	48" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	144.62	28.57
08 71 11 00-2554	EA	60" Long, 3/8" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	177.32	28.57
08 71 11 00-2555	EA	12" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	91.60	28.57
08 71 11 00-2556	EA	18" Long, 1/2" Flexible Conduit, Stainless Steel Armored Power Transfer Door Loop.....	98.81	28.57
08 71 11 00-2557	EA	Two 18 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer.....	722.57	28.57
08 71 11 00-2558	EA	Ten 24 Gauge Wire, Door Frame To Edge Of Door Electrical Power Transfer.....	784.69	40.01
08 71 11 00-2559	EA	Dual Pocket Wire Transfer (Adams Rite 4612-1SC).....	183.82	28.57
08 71 11 00-2560	EA	Power Transfer Hinge 2 Wire Square Corner (Command Access EHT2W4545-652 26D).....	240.72	28.57

08 71 11 00-2561		Magnetic Locks <small>(08 71 11 00-2310)</small>		
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08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2562	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40).....	823.77	137.16
08 71 11 00-2563	EA	Electromagnetic Lock, 500 lb. Holding Force, Stainless Steel (Schlage 40TJ).....	992.00	154.32
08 71 11 00-2564	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70).....	971.68	137.16
08 71 11 00-2565	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Stainless Steel (Schlage 70TJ).....	1,139.61	154.32
08 71 11 00-2566	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420).....	1,015.19	148.60
08 71 11 00-2567	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450).....	1,116.64	148.60
08 71 11 00-2568	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490).....	1,195.60	148.60
08 71 11 00-2569	EA	Electromagnetic Lock, 500 lb. Holding Force, Aluminum (Schlage M420P).....	1,310.57	171.46
		Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 11 00-2570	EA	Electromagnetic Lock, 1,000 lb. Holding Force, Aluminum (Schlage M450P).....	1,445.42	171.46
		Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 11 00-2571	EA	Electromagnetic Lock, 1500 lb. Holding Force, Aluminum (Schlage M490P).....	1,506.17	171.46
		Note: Includes magnetic bond sensor, door position switch and relock time delay.		
08 71 11 00-2572	EA	2 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS902).....	449.16	57.15
08 71 11 00-2573	EA	4 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS904).....	752.12	57.15
08 71 11 00-2574	EA	6 Amperes Output Current, 12-24 Volt DC, 4 Relay with Fire Alarm (Schlage PS906).....	909.58	57.15
08 71 11 00-2575		Occupancy Indicator Locks <small>(08 71 11 00-2310)</small>		
08 71 11 00-2576	EA	Occupancy Indicator Deadbolt With Thumbturn (Schlage B571).....	141.79	28.56
		Note: Standard finish is satin chrome		
		<i>For Bright Brass Finish, Add</i>	4.91	
		<i>For Oil Rubbed Bronze Finish, Add</i>	13.13	
		<i>For Aged Bronze Finish, Add</i>	4.91	
		<i>For Satin Nickel Finish, Add</i>	4.91	
08 71 11 00-2577	EA	Occupancy Indicator Lock And Lever (Vizlok C3F).....	211.09	28.56
		Note: Included finishes are satin chrome, satin nickel, & polished chrome. Lever on both sides		
		<i>For Oil Rubbed Bronze Finish, Add</i>	5.33	
08 71 11 00-2578		Door Coordinators <small>(08 71 11)</small>		
08 71 11 00-2579	EA	32" Satin Chrome Finish, Door Coordinator (Ives COR 32" Series).....	508.35	35.72
		Note: Satin chrome finish. Includes two mounting brackets.		
		<i>For Anodized Aluminum Finish, Deduct</i>	-146.19	
08 71 11 00-2580	EA	42" Satin Chrome Finish, Door Coordinator (Ives COR 42" Series).....	534.03	37.15
		Note: Satin chrome finish. Includes two mounting brackets.		
		<i>For Anodized Aluminum Finish, Deduct</i>	-154.17	
08 71 11 00-2581	EA	52" Satin Chrome Finish, Door Coordinator (Ives COR 52" Series).....	546.48	38.58
		Note: Satin chrome finish. Includes two mounting brackets.		
		<i>For Anodized Aluminum Finish, Deduct</i>	-156.86	
08 71 11 00-2582	EA	60" Satin Chrome Finish, Door Coordinator (Ives COR 60" Series).....	570.37	40.01
		Note: Satin chrome finish. Includes two mounting brackets.		
		<i>For Anodized Aluminum Finish, Deduct</i>	-164.14	
08 71 11 00-2583	EA	72" Satin Chrome Finish, Door Coordinator (Ives COR 72" Series).....	612.17	41.44
		Note: Satin chrome finish. Includes two mounting brackets.		
		<i>For Anodized Aluminum Finish, Deduct</i>	-178.57	
08 71 11 00-2584	EA	Up To 20", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 20").....	118.30	11.43
		<i>For Anodized Aluminum Finish, Deduct</i>	-29.03	
08 71 11 00-2585	EA	Up To 32", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 32").....	130.17	12.86
		<i>For Anodized Aluminum Finish, Deduct</i>	-31.49	
08 71 11 00-2586	EA	Up To 44", Satin Chrome Finish, Filler Bar For Door Coordinator (Ives FL 44").....	149.78	14.29
		<i>For Anodized Aluminum Finish, Deduct</i>	-37.05	
08 71 11 00-2587	EA	Satin Chrome Finish, Carry Bar For Door Coordinator (Ives CB1).....	108.74	14.29
08 71 11 00-2588	EA	7" Projection COR Series Gravity Type Door Coordinator.....	160.58	21.43
		<i>For Anodized Aluminum Finish, Deduct</i>	-29.94	
08 71 11 00-2589	EA	9" Projection COR Series Gravity Type Door Coordinator.....	172.56	21.43
		<i>For Anodized Aluminum Finish, Deduct</i>	-34.73	
08 71 11 00-2590		Removal And Reinstallation Of Door Hardware <small>(08 71 11)</small>		
		Note: Includes storage and cleaning. Excludes removal of door where required. See CSI section 08 05 13 00-0050 for removal and reinstallation of door.		
08 71 11 00-2591	EA	Removal And Reinstallation Of Door Lockset, Entrance.....	85.73	
08 71 11 00-2592	EA	Removal And Reinstallation Of Door Lockset, Mortise.....	137.16	
08 71 11 00-2593	EA	Removal And Reinstallation Of Deadbolt Lock.....	91.45	
08 71 11 00-2594	PR	Removal And Reinstallation Of Butts/Hinges.....	22.86	
08 71 11 00-2595	EA	Removal And Reinstallation Of Door Bumper.....	8.00	
08 71 11 00-2596	EA	Removal And Reinstallation Of Surface Mounted Panic Device.....	228.61	
08 71 11 00-2597	EA	Removal And Reinstallation Of Kick Plate.....	28.57	
08 71 11 00-2598	EA	Removal And Reinstallation Of Push Plate.....	22.85	
08 71 11 00-2599	EA	Removal And Reinstallation Of Surface Mounted Door Closer Or Holder.....	114.31	
08 71 11 00-2600	EA	Removal And Reinstallation Of Door Handles.....	17.16	
08 71 11 00-2601		Electromagnetic Door Release <small>(08 71 11)</small>		
08 71 11 00-2602	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Surface Wiring, Electro-Magnetic Door Release.....	593.03	72.01
08 71 11 00-2603	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release.....	578.15	72.01
08 71 11 00-2604	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Adjustable, Wall Mount, Recessed Wiring, Electro-Magnetic Door Release.....	653.17	72.01
08 71 11 00-2605	EA	24 Volt AC/DC, High Hold, Wall Mount, Surface Or Recessed Wiring, Electro-Magnetic Door Release.....	1,095.99	72.01
08 71 11 00-2606	EA	24 Volt DC, Sliding Door, Electro-Magnetic Door Release.....	1,056.51	72.01
08 71 11 00-2607	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Overhead Door, Electro-Magnetic Door Release.....	1,056.51	72.01
08 71 11 00-2608	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Single Door, Electro-Magnetic Door Release.....	959.93	72.01
08 71 11 00-2609	EA	120 Volt AC, 24 Volt AC/DC, 12 Volt DC, Floor Mount, Back-to-Back Door, Electro-Magnetic Door Release.....	1,204.12	72.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 11 00-2610 EA Photo Electric Smoke Detector Suitable For Door Holder Release	1,142.19	72.01
08 71 11 00-2611 EA Ionization Type Smoke Detector Suitable For Door Holder Release	1,417.09	72.01
08 71 11 00-2612 EA Surface Wall Mount, Electromagnetic Door Holder (Sargent 1560).....	667.29	72.01
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC		
08 71 11 00-2613 EA Flush Mount, Electromagnetic Door Holder (Sargent 1561)	655.76	72.01
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC		
08 71 11 00-2614 EA Floor Mount, Electromagnetic Door Holder (LCN SEM7820)	1,016.41	72.01
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC		
08 71 11 00-2615 EA Surface Wall Mount, Electromagnetic Door Holder (LCN SEM7830)	704.17	72.01
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC		
08 71 11 00-2616 EA Low Profile Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7840).....	704.17	72.01
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC		
08 71 11 00-2617 EA Recessed Wall Mount, Electromagnetic Door Holder (LCN SEM7850).....	704.17	72.01
Note: 120 volt AC, 24 volt AC/DC, 12 volt DC		
08 71 11 00-2618 EA 12/24 Volt DC, Delayed Egress Electromagnetic Single Lock (Schlage M490DEP).....	2,186.42	72.01
08 71 11 00-2619 University Hardware Standard (08 71 11)		
08 71 11 00-2620 EA Unit Lock X Less Cylinder X 626 Finish X LH (Corbin Russwin UT5257ESE).....	1,347.97	85.73
08 71 11 00-2621 EA Von Duprin #CD99L Exit Device X 994LR X 626 Finish	2,328.46	178.89
08 71 11 00-2622 EA LCN #L4041EDA Surface Mounted Closer X Aluminum	690.77	88.01
08 71 11 00-2623 EA Schlage #L9453 Mortise Lockset X 626 X Less Cylinder X 03A	849.63	57.15
08 71 11 00-2624 EA Alarm Lock Mortise Combination Lockset #DL3500 X 626 Finish	2,124.07	142.88
08 71 11 00-2625 EA Medeco #10W0500 Mortise Lock Cylinder X 626 E3M Keyway	190.35	14.29
08 71 11 00-2626 EA Corbin #1000-114-A01-6 Br 6 Mortise Cylinder X 626 Finish	102.11	14.29
08 71 11 00-2627 EA Quality #431ES Door Stop X 626 Finish	31.68	11.43
08 71 11 00-2628 EA Quality #48 Kick Plate 10x34, 626 Finish	78.41	17.15
08 71 11 00-2629 EA Medeco 20W5005 X 626 Finish X E3M Keyway.....	276.08	57.15
08 71 11 00-2630 EA Sargent #8200 Passage Mortise Lockset, Less Cylinder.....	1,042.51	57.15
08 71 11 00-2631 EA Sargent #8200 Bathroom Mortise Lockset, Less Cylinder	1,163.12	57.15
08 71 11 00-2632 EA Sargent #8200 Office/Classroom Mortise Lockset, Less Cylinder	1,231.29	57.15
08 71 11 00-2633 EA Sargent #42 7-Pin Cylinder (Mortise).....	101.78	11.43
08 71 11 00-2634 EA Sargent #34 7-Pin Cylinder (Rim).....	101.78	11.43
08 71 11 00-2635 EA Sargent #46 7-Pin Cylinder (Function 04).....	101.78	11.43
08 71 11 00-2636 EA Sargent #8000 Panic Device, Less Cylinder.....	1,291.90	114.31
08 71 11 00-2637 EA Sargent #351 Door Closers	634.73	33.15
08 71 11 00-2638 EA Panel Interface Module (Schlage PIM400-485).....	3,574.35	457.23
08 71 13 Automatic Door Operators (08 71)		
08 71 13 00-0001 Automatic Door Operators (LCN) (08 71 13)		
08 71 13 00-0002 EA Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9131).....	3,168.06	142.88
08 71 13 00-0003 EA Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Arm (LCN 9142).....	3,168.06	142.88
08 71 13 00-0004 EA Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator With Arms (LCN 9153).....	6,220.82	228.61
08 71 13 00-0005 EA Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Pull Arm (LCN 9531).....	3,970.90	142.88
Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.		
08 71 13 00-0006 EA Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Door Operator With Push Arm (LCN 9542)	3,970.90	142.88
Note: Opens doors automatically for wheelchair access, and allows for manual operation for regular pedestrian traffic.		
08 71 13 00-0007 EA Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9553).....	6,825.23	228.61
08 71 13 00-0008 EA Automatic Door Operator, Surface Mount Americans With Disabilities Act Compliant Pair Door Operator with Arms (LCN 9563).....	8,034.03	228.61
08 71 13 00-0009 EA Door Position Switch (LCN 8310-805)	66.39	
08 71 13 00-0010 EA 3-Position Key Switch (LCN 8310-806K)	358.85	
08 71 13 00-0011 EA 4-3/4" x 4-3/4" Wall Mount Actuator (LCN 8310-813)	860.22	
08 71 13 00-0012 EA 1-1/2" x 4-3/4" Jamb Mount Actuator (LCN 8310-818)	192.81	
08 71 13 00-0013 EA 36" High Full Length Actuator (LCN 8310-836T)	786.75	
08 71 13 00-0014 EA 6" Round Wall Mount Actuator (LCN 8310-852)	265.70	
08 71 13 00-0015 EA 42" x 4" x 6" Post Bollard (LCN 8310-866)	940.33	
08 71 13 00-0016 EA Small Format Interchangeable Core (SFIC) Horizontal Tailpiece Rim Cylinder (Schlage 80-116-ICX)	104.52	
08 71 13 00-0017 EA Small Format Interchangeable Core (SFIC) 7 Pin Interchangeable Core (Falcon C607)	131.90	
08 71 13 00-0018 Automatic Door Operators (Stanley) (08 71 13)		
08 71 13 00-0019 EA Automatic Door Operator, Surface Mount With Key Switch (Stanley D-4990).....	4,000.63	228.61
08 71 13 00-0020 EA 6" Round Stainless Steel Actuator (Stanley CL2216)	246.24	
08 71 13 00-0021 EA Power Supply (Stanley Precision ELR151).....	860.25	
08 71 13 00-0022 EA Low Energy Door Operator, Push Side Mount Application With Standard Arm (Stanley D-4990).....	3,056.41	114.31
Note: Includes control box with conduit access, motor, operator and D-4550 door closer. Excludes electrical connections		
08 71 13 00-0023 EA Door Operator Free Standing Push Plate Post (Stanley CL2247)	489.69	76.24
Note: Includes mounting post only		
08 71 13 00-0024 EA Dual Vestibule Push Plate Door Operator (Stanley CL2388).....	323.07	36.24
Note: Includes 4-3/4" Dual Vestibule Push Plate and electrical connection. Excludes junction Box		
08 71 13 00-0025 EA Jamb Mount, Push Plate Door Operator (Stanley CL2055).....	200.34	36.24
Note: Includes 4-3/4" Jamb Mount Push Plate and Electrical Connections. Excludes junction Box		

08 Openings**08 70 Hardware****08 71 Door Hardware**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 71 13 00-0026	EA	Touchless Plate Door Operator (Stanley CL2025).....	318.86	36.24
		Note: Includes Touchless Plate and Electrical Connection. Excludes junction Box		
08 71 13 00-0027	EA	Door Operator Push Plate Assembly (Stanley CL4976)	1,093.60	54.41
		Note: Includes 2 Push Plates, 2 Surface Boxes, 2 Transmitters and 1 Receiver		
08 71 13 00-0028		Automatic Door Operators (Camden) (08 71 13)		
08 71 13 00-0029	EA	4-1/2" Round Push Plate Switch, PUSH TO OPEN, Bright Stainless Steel (Camden 40/3)	104.23	
08 71 13 00-0030		Miscellaneous Devices (08 71 13)		
08 71 13 00-0031	EA	Electric Power Transformer (Von Duprin EPT-2) For Magnetic Monitor Switches	551.67	42.87
08 71 13 00-0032	EA	Magnetic Monitor Switch, SS Finish (Von Duprin MS 764)	162.86	25.72
08 71 13 00-0033	EA	24 Volt AC, 3 Amperes, Transformer (Von Duprin PT 750)	207.43	25.72
08 71 13 00-0034	EA	Automatic Door Bottoms, Fully Mortise Cam Bottom Type To Fit 1-1/2" x 3/4" Mortise Channel At Door Bottom (National Guard Products 320S).....	115.54	25.72
08 71 53		Security Door Hardware (08 71)		
08 71 53 00-0001		Door Exit Alarm Hardware (08 71 53)		
08 71 53 00-0002	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500)	375.76	42.87
08 71 53 00-0003	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-500W).....	522.34	42.87
08 71 53 00-0004	EA	Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300)	438.37	42.87
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0005	EA	Weatherized Door Or Wall Mount Exit Alarm, Audible Alarm, 9 Volt Battery Back-up (Detex EAX-300W).....	568.01	42.87
		Note: Door propped alarm for applications where doors may be used for egress or ingress, but may not be held or propped open. Door open times from 1 second to 4 minutes (15 second default) are field selectable.		
08 71 53 00-0006	EA	Wall Mount Exit Alarm, Audible Alarm, AC/DC (Detex EAX-2500)	658.82	57.15
08 71 53 00-0007	EA	Surface Mounted Magnetic Switch (Detex MS-1039S or MS-1059S).....	115.53	57.15
		Note: For use with Detex EAX exit alarms.		
08 72		Weatherstripping, Thresholds and Seals (08 70)		
08 72 33		Weatherstripping and Seals (08 72)		
08 72 33 00-0001		Weather-Stripping And Seals (08 72 33)		
08 72 33 00-0002		Astragals (08 72 33 00-0001)		
		Note: Astragal and meeting stile seals are used to seal the gap between a pair of doors.		
08 72 33 00-0003		Adhesive Backed Astragals (08 72 33 00-0002)		
08 72 33 00-0004	LF	7/16" Width, 9/32" Height, Edge Mount, Single Fin, Adhesive Backed Flexible Astragal (Pemko S771).....	4.52	0.86
08 72 33 00-0005	LF	1/2" Width, 3/16" Height, Edge Mount, Double Fin, Adhesive Backed Flexible Astragal (Pemko S772)	5.02	0.86
08 72 33 00-0006	LF	1-1/8" Width, 3/16" Height, Mullion Mount, Adhesive Backed Mullion Gasketing (Pemko 5110)	3.88	0.86
08 72 33 00-0007		Overlapping Astragals (08 72 33 00-0002)		
08 72 33 00-0008		Aluminum, Overlapping Astragals (08 72 33 00-0007)		
08 72 33 00-0009	LF	2" Width, 1/8" Height, Clear Anodized Aluminum, Overlapping Astragal (Pemko 357C)	18.42	5.14
		For Color Anodized Finish, Add	2.48	
08 72 33 00-0010		Stainless Steel, Overlapping Astragals (08 72 33 00-0007)		
08 72 33 00-0011	LF	2" Width, 1/8" Height, Stainless Steel, Overlapping Astragal (Pemko 357SS).....	36.05	5.14
08 72 33 00-0012		"T" Astragals (08 72 33 00-0002)		
08 72 33 00-0013		Aluminum, "T" Astragals (08 72 33 00-0012)		
08 72 33 00-0014	LF	1" Width, 11/16" Height, Mill Aluminum, "T" Astragal (Pemko 359A).....	12.38	5.14
		For Color Anodized Finish, Add	0.78	
08 72 33 00-0015	LF	Vinyl Insert, 3/4" Width, 1/4" Height, Mill Aluminum, "T" Astragal (Pemko 356AV).....	15.28	5.14
		For Color Anodized Finish, Add	1.02	
08 72 33 00-0016	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CP).....	15.74	5.14
		For Color Anodized Finish, Add	1.95	
		For Silicone Insert, Add	0.63	
08 72 33 00-0017	LF	Neoprene Sponge Insert, 1-1/8" Width, 1/2" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 352CR)	28.16	5.14
		For Color Anodized Finish, Add	6.30	
08 72 33 00-0018	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BS)	85.64	5.14
08 72 33 00-0019	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Clear Anodized Aluminum, "T" Astragal (Pemko 355CS).....	19.24	5.14
08 72 33 00-0020	LF	Silicon Insert, 1-3/8" Width, 1/4" Height, Satin Nickel Anodized Aluminum, "T" Astragal (Pemko 355SNS).....	22.38	5.14
08 72 33 00-0021		Brass/Bronze, "T" Astragals (08 72 33 00-0012)		
08 72 33 00-0022	LF	Vinyl Or Pile Insert, 1-3/8" Width, 1/4" Height, Brass/Bronze, "T" Astragal (Pemko 355BP).....	84.02	5.14
		For Silicone Insert, Add	0.63	
08 72 33 00-0023		Locking Astragals (08 72 33 00-0002)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0024 Outswing Locking Astragals <small>(08 72 33 00-0023)</small> Note: Includes two units. A housing containing the locking bolt which fastens to the inactive leaf and a "T" astragal with a seal that fastens to the active leaf.		
08 72 33 00-0025 Aluminum, Outswing Locking Astragals <small>(08 72 33 00-0024)</small>		
08 72 33 00-0026 LF Slide Bolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3443CS).....	37.30	5.14
Note: Includes pile seal at inner door edge and neoprene bottom seal.		
<i>For Color Anodized Finish, Add</i> 5.43		
08 72 33 00-0027 LF Locking Springbolt, 1-1/4" Width, 3/8" Height, Clear Anodized Aluminum, Slimline Style, Outswing Locking Astragal (Pemko 3444CS).....	43.12	5.14
Note: Includes pile seal at inner door edge and neoprene bottom seal.		
<i>For Color Anodized Finish, Add</i> 6.59		
08 72 33 00-0028 LF Slide Bolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3445BDQ).....	41.71	5.14
Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
<i>For Thermal Break, Add</i> 1.89		
08 72 33 00-0029 LF Locking Springbolt, 1-13/32" Width, 11/16" Height, Gold Anodized Aluminum, Colonial Style, Outswing Locking Astragal (Pemko 3446BDGQ).....	46.43	5.14
Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
<i>For Thermal Break, Add</i> 2.18		
08 72 33 00-0030 Inswing Locking Astragals <small>(08 72 33 00-0023)</small> Note: Includes one unit containing the locking bolt and astragal with seal, which fastens to the inactive leaf.		
08 72 33 00-0031 Wood, Inswing Locking Astragals <small>(08 72 33 00-0030)</small>		
08 72 33 00-0032 LF Flush Bolt, 1-1/4" Width, 1/2" Height, Wood, Inswing Locking Astragal (Pemko 34832).....	43.48	5.14
08 72 33 00-0033 LF Flush Bolt, 1-1/4" Width, 1-3/16" Height, Wood, Inswing Locking Astragal (Pemko 3481Q).....	43.26	5.14
Note: Includes kerf-in foam seal.		
08 72 33 00-0034 Aluminum, Inswing Locking Astragals <small>(08 72 33 00-0030)</small>		
08 72 33 00-0035 LF Slide Bolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3493CV).....	25.11	5.14
Note: Includes pile seal at inner door edge and neoprene bottom seal.		
<i>For Silicone Insert, Add</i> 0.63		
<i>For Color Anodized Finish, Add</i> 2.99		
08 72 33 00-0036 LF Locking Springbolt, 1-3/8" Width, 9/32" Height, Clear Anodized Aluminum, Slimline Style, Inswing Locking Astragal (Pemko 3494CV).....	29.97	5.14
Note: Includes pile seal at inner door edge and neoprene bottom seal.		
<i>For Silicone Insert, Add</i> 0.63		
<i>For Color Anodized Finish, Add</i> 3.96		
08 72 33 00-0037 LF Slide Bolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3495CQ).....	26.95	5.14
Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
<i>For Magnetic Kerf-In Insert, Add</i> 0.47		
<i>For Color Anodized Finish, Add</i> 3.36		
08 72 33 00-0038 LF Locking Springbolt, 1-13/32" Width, 3/4" Height, Clear Anodized Aluminum, Colonial Style, Inswing Locking Astragal (Pemko 3496CQ).....	31.76	5.14
Note: Includes pile seal at inner door edge and kerf-in foam bottom seal.		
<i>For Magnetic Kerf-In Insert, Add</i> 0.47		
<i>For Color Anodized Finish, Add</i> 4.32		
08 72 33 00-0039 Security Astragals <small>(08 72 33 00-0002)</small>		
08 72 33 00-0040 LF Vinyl Seal, 1/2" Thick Cam, 1-3/4" Width, Clear Anodized Aluminum, Security Astragal (Pemko 378C).....	23.49	5.14
<i>For Color Anodized Finish, Add</i> 13.33		
08 72 33 00-0041 LF 2-1/4" Width, 10 Gauge Galvanized Steel, Offset Security Bar, Security Astragal (Pemko 3572SP).....	38.79	5.14
08 72 33 00-0042 Meeting Stile Astragals <small>(08 72 33 00-0002)</small>		
08 72 33 00-0043 One Piece, Meeting Stile Astragals <small>(08 72 33 00-0042)</small> Note: Includes an astragal for one door only.		
08 72 33 00-0044 LF 1/4" Vinyl Or Pile Insert, 5/32" Width, 13/32" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 369AP).....	15.12	5.14
<i>For Color Anodized Finish, Add</i> 1.49		
08 72 33 00-0045 LF 1/4" Neoprene Loop Insert, 7/16" Width, 3/4" Height, Surface/Mortise Mount, Mill Aluminum, One Piece, Meeting Stile Astragal (Pemko 313AN).....	23.52	7.66
<i>For Color Anodized Finish, Add</i> 3.30		
08 72 33 00-0046 LF 9/16" Neoprene Loop Insert, 3/4" Width, 1-3/8" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 314CN).....	30.71	7.66
<i>For Color Anodized Finish, Add</i> 1.55		
08 72 33 00-0047 LF 15/16" Neoprene Loop Insert, 1-1/8" Width, 1-3/4" Height, Surface/Mortise Mount, Clear Anodized Aluminum, One Piece, Meeting Stile Astragal (Pemko 358CN).....	31.64	7.66
<i>For Color Anodized Finish, Add</i> 4.10		
08 72 33 00-0048 LF 1/8" Width, 1-1/2" Height, Side Mount, Spring Bronze, One Piece, Meeting Stile Astragal (Pemko B71).....	48.57	7.66
08 72 33 00-0049 Two Piece, Meeting Stile Split Astragals <small>(08 72 33 00-0042)</small> Note: Includes one astragal for each door.		
08 72 33 00-0050 LF 1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 297AV).....	19.06	7.66
<i>For Silicone Insert, Add</i> 0.95		
<i>For Color Anodized Finish, Add</i> 3.80		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0051	LF		1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 316AV)	19.06	7.66
			<i>For Color Anodized Finish, Add</i>	3.80	
08 72 33 00-0052	LF		1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Face Mount, Mill Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 303AV)	19.06	7.66
			<i>For Silicone Insert, Add</i>	0.95	
			<i>For Color Anodized Finish, Add</i>	3.80	
08 72 33 00-0053	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 305CN)	29.14	7.66
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	2.78	
08 72 33 00-0054	LF		3/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18041CNB)	24.18	7.66
			<i>For Color Anodized Finish, Add</i>	3.57	
08 72 33 00-0055	LF		5/8" Brush Insert, 3/4" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals (Pemko 18061CNB)	24.85	7.66
			<i>For Color Anodized Finish, Add</i>	3.84	
08 72 33 00-0056	LF		3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29310CV)	29.80	7.66
			<i>For Color Anodized Finish, Add</i>	7.27	
			<i>For Silicone Insert, Add</i>	0.95	
08 72 33 00-0057	LF		3/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29324CNB)	30.47	7.66
			<i>For Color Anodized Finish, Add</i>	6.08	
08 72 33 00-0058	LF		5/8" Brush Insert, 7/8" Width, 1/4" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Split Astragals With Concealed Fasteners (Pemko 29326CNB)	31.13	7.66
			<i>For Color Anodized Finish, Add</i>	6.35	
08 72 33 00-0059			Two Piece, Adjustable Meeting Stile Split Astragals (08 72 33 00-0042) Note: Includes one astragal for each door.		
08 72 33 00-0060			Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (08 72 33 00-0059)		
08 72 33 00-0061	LF		3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354CP)	54.60	7.66
			<i>For Color Anodized Finish, Add</i>	9.84	
			<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0062	LF		3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Clear Anodized Aluminum, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351CP)	55.63	7.66
			<i>For Silicone Insert, Add</i>	0.63	
			<i>For Color Anodized Finish, Add</i>	8.07	
08 72 33 00-0063			Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (08 72 33 00-0059)		
08 72 33 00-0064	LF		3/8" Vinyl Or Pile Insert, 21/32" Width, 9/16" Height, Mortise Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 354BP)	265.41	7.66
			<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0065	LF		3/8" Vinyl Or Pile Insert, 1" Width, 9/16" Height, Face Mount, Brass/Bronze, Two Piece, Meeting Stile Adjustable Split Astragals (Pemko 351BP)	247.91	7.66
			<i>For Silicone Insert, Add</i>	0.63	
08 72 33 00-0066			Door Sweeps (08 72 33 00-0001)		
08 72 33 00-0067			Tack On Door Sweeps (08 72 33 00-0066)		
08 72 33 00-0068	LF		For Sealing Up To 3/4" Gap, Side Mount, Vinyl Tack On Door Sweep (Pemko V365)	6.88	2.86
08 72 33 00-0069	LF		For Sealing Up To 5/8" Gap, Bottom Mount, Rubber Tack On Door Sweep (Pemko R364)	6.98	2.86
08 72 33 00-0070	LF		For Sealing Up To 1-3/8" Gap, Bottom Mount, Vinyl Tack On Door Sweep (Pemko P361V)	7.27	2.86
08 72 33 00-0071			Aluminum Retainer Door Sweeps (08 72 33 00-0066)		
08 72 33 00-0072			35 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0071) Note: The retainer mounts to the door face with the sweep positioned 35 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0073	LF		5/16" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35041CNB)	16.21	5.72
			<i>For Color Anodized Finish, Add</i>	1.92	
08 72 33 00-0074	LF		1/2" Brush Insert, 35 Degree, Aluminum Retainer Door Sweep (Pemko 35061CNB)	16.71	5.72
			<i>For Color Anodized Finish, Add</i>	1.85	
08 72 33 00-0075			45 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0071) Note: The retainer mounts to the door face with the sweep positioned 45 degrees from the door. Includes clear anodized finish.		
08 72 33 00-0076	LF		1-3/4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45175CNB)	24.64	5.72
			<i>For Color Anodized Finish, Add</i>	5.29	
08 72 33 00-0077	LF		2-1/2" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45250CNB)	26.63	5.72
			<i>For Color Anodized Finish, Add</i>	6.08	
08 72 33 00-0078	LF		4" Brush Insert, 45 Degree, Aluminum Retainer Door Sweep (Pemko 45400CNB)	30.92	5.72
			<i>For Color Anodized Finish, Add</i>	7.80	
08 72 33 00-0079			90 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0071) Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0080 LF 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90041CNB)	17.87	5.72
<i>For Color Anodized Finish, Add</i>	0.65	
08 72 33 00-0081 LF 5/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90062CNB)	17.70	5.72
<i>For Color Anodized Finish, Add</i>	0.63	
08 72 33 00-0082 LF 1" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90100CNB)	18.86	5.72
<i>For Color Anodized Finish, Add</i>	2.60	
08 72 33 00-0083 LF 1-3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 90137CNB)	19.35	5.72
<i>For Color Anodized Finish, Add</i>	3.17	
08 72 33 00-0084 LF 7/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 315CN)	17.37	5.72
<i>For Color Anodized Finish, Add</i>	1.49	
08 72 33 00-0085 LF 11/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 368CN).....	22.00	5.72
<i>For Color Anodized Finish, Add</i>	2.12	
08 72 33 00-0086 LF 15/16" Neoprene Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 321CN).....	18.36	5.72
<i>For Color Anodized Finish, Add</i>	1.39	
08 72 33 00-0087 LF 9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 308AV).....	14.02	5.72
Note: Includes mill finish.		
<i>For Color Anodized Finish, Add</i>	1.30	
08 72 33 00-0088 LF 1" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 307AV).....	14.15	5.72
Note: Includes mill finish.		
<i>For Color Anodized Finish, Add</i>	1.37	
08 72 33 00-0089 LF 1-9/16" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 56AV).....	15.55	5.72
Note: Includes mill finish.		
<i>For Color Anodized Finish, Add</i>	1.45	
08 72 33 00-0090 180 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0071)		
Note: The retainer mounts to the door face with the sweep positioned perpendicular to the threshold. Includes clear anodized finish.		
08 72 33 00-0091 180 Degree, Aluminum Retainer Door Sweeps (08 72 33 00-0090)		
08 72 33 00-0092 LF 3/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18041CNB)	15.88	5.72
<i>For Color Anodized Finish, Add</i>	1.78	
08 72 33 00-0093 LF 5/8" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18061CNB)	16.21	5.72
<i>For Color Anodized Finish, Add</i>	1.92	
08 72 33 00-0094 LF 1" Brush Insert, 180 Degree, Aluminum Retainer Door Sweep (Pemko 18100CNB)	18.86	5.72
<i>For Color Anodized Finish, Add</i>	2.60	
08 72 33 00-0095 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweeps (08 72 33 00-0090)		
08 72 33 00-0096 LF 3/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29324CNB)	19.02	5.72
<i>For Color Anodized Finish, Add</i>	3.04	
08 72 33 00-0097 LF 5/8" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 29326CNB)	19.35	5.72
<i>For Color Anodized Finish, Add</i>	3.17	
08 72 33 00-0098 LF 1" Brush Insert, 180 Degree, Concealed Fastener, Aluminum Retainer Door Sweep (Pemko 293100CNB)	20.74	5.72
<i>For Color Anodized Finish, Add</i>	3.73	
08 72 33 00-0099 Mortised, Aluminum Retainer Door Sweeps (08 72 33 00-0071)		
Note: The retainer is mortised into the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish. Excludes mortising.		
08 72 33 00-0100 LF 1/4" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5025ASB).....	14.40	5.72
08 72 33 00-0101 LF 13/32" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5041ANB).....	14.40	5.72
08 72 33 00-0102 LF 5/8" Brush Insert, Mortised, Aluminum Retainer Door Sweep (Pemko 5061ANB).....	14.56	5.72
08 72 33 00-0103 Aluminum Retainer Door Sweeps With Rain Drip (08 72 33 00-0066)		
08 72 33 00-0104 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (08 72 33 00-0103)		
Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold. Includes mill finish.		
08 72 33 00-0105 LF 1/4" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 3452AV).....	14.06	5.72
<i>For Color Anodized Finish, Add</i>	1.85	
08 72 33 00-0106 LF 1/4" Vinyl Insert, 90 Degree, Clear Anodized Aluminum Retainer Door Sweep (Pemko 3452CV)	16.64	5.72
08 72 33 00-0107 LF 1/4" Vinyl Insert, 90 Degree, Satin Nickel Anodized Aluminum Retainer Door Sweep (Pemko 3452SNV).....	16.97	5.72
08 72 33 00-0108 LF 1/2" Vinyl Insert, 90 Degree, Aluminum Retainer Door Sweep (Pemko 345AV).....	16.21	5.72
<i>For Color Anodized Finish, Add</i>	1.92	
08 72 33 00-0109 LF 3/8" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 3452CNB).....	17.82	5.72
Note: Includes clear anodized finish.		
<i>For Color Anodized Finish, Add</i>	1.28	
08 72 33 00-0110 LF 7/16" Brush Insert, 90 Degree, Aluminum Retainer Door Sweeps With Rain Drip (Pemko 345ANB).....	18.11	5.72
<i>For Color Anodized Finish, Add</i>	1.34	
08 72 33 00-0111 Brass/Bronze Retainer Door Sweeps (08 72 33 00-0066)		
08 72 33 00-0112 90 Degree, Brass/Bronze Retainer Door Sweeps (08 72 33 00-0111)		
Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0113 LF 7/16" Neoprene Insert, 90 Degree, Brass/Bronze Retainer Door Sweep (Pemko 315BN)	21.34	5.72
08 72 33 00-0114 Oak Retainer Door Sweeps (08 72 33 00-0066)		
08 72 33 00-0115 90 Degree, Oak Retainer Door Sweeps (08 72 33 00-0114)		
Note: The retainer mounts to the door bottom with the sweep positioned perpendicular to the threshold.		
08 72 33 00-0116 LF 9/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18062WNB).....	17.54	5.72

08 Openings**08 70 Hardware**

08 72 Weatherstripping, Thresholds and Seals

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 33 00-0117	LF	15/16" Brush Insert, 90 Degree, Oak Retainer Door Sweep (Pemko 18100WNB)	20.14	5.72
08 72 33 00-0118		Door Shoes And Bottoms (08 72 33 00-0001)		
08 72 33 00-0119		Door Shoes (08 72 33 00-0118)		
08 72 33 00-0120		Aluminum Retainer Door Shoes (08 72 33 00-0119)		
08 72 33 00-0121		Bottom Mount, Aluminum Retainer Door Shoes (08 72 33 00-0120)		
08 72 33 00-0122	LF	Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 234AV).....	15.39	5.72
		<i>For Color Anodized Finish, Add</i>	1.59	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.68	
08 72 33 00-0123	LF	Vinyl Insert, 1-3/8" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 209AV).....	15.88	5.72
		<i>For Color Anodized Finish, Add</i>	1.78	
08 72 33 00-0124	LF	Notched Vinyl Insert, 1-3/16" Width, Bottom Mount, Aluminum Retainer Door Shoe (Pemko 2343AV)	20.68	5.72
		<i>For Color Anodized Finish, Add</i>	1.85	
08 72 33 00-0125		Side Mount, Aluminum Retainer Door Shoes (08 72 33 00-0120)		
08 72 33 00-0126	LF	Vinyl Insert, 1-3/4" Width, Side Mount, Aluminum Retainers Door Shoe (Pemko 318AV).....	17.54	5.72
		<i>For Color Anodized Finish, Add</i>	2.45	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.68	
08 72 33 00-0127		L Or U Shaped, Aluminum Retainer Door Shoes (08 72 33 00-0120)		
08 72 33 00-0128	LF	Vinyl Insert, 1-1/4" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 211AV)	16.21	5.72
		<i>For Color Anodized Finish, Add</i>	2.40	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0129	LF	Vinyl Insert, 1-3/8" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 220AV).....	17.20	5.72
		<i>For Color Anodized Finish, Add</i>	2.31	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0130	LF	Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217AV).....	17.54	5.72
		<i>For Color Anodized Finish, Add</i>	2.45	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0131	LF	Notched Vinyl Insert, 1-5/16" Width, L-Shaped, Aluminum Retainer Door Shoe (Pemko 2113AV)	24.26	5.72
		<i>For Color Anodized Finish, Add</i>	2.57	
08 72 33 00-0132	LF	Notched Vinyl Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 2173AV).....	24.59	5.72
		<i>For Color Anodized Finish, Add</i>	2.63	
08 72 33 00-0133	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216APK)	22.71	5.72
08 72 33 00-0134	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped With Rain Drip, Satin Nickel Anodized Aluminum Retainer Door Shoe (Pemko 216SNPK).....	28.41	5.72
08 72 33 00-0135	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped, Aluminum Retainer Door Shoe (Pemko 217APK).....	20.80	5.72
08 72 33 00-0136	LF	PemkoPrene Insert, 1-3/4" Width, U-Shaped, Satin Nickel Anodized Aluminum Retainer Door Shoe (Pemko 217SNPK).....	28.45	5.72
08 72 33 00-0137		L Or U Shaped With Rain Drip, Aluminum Retainer Door Shoes (08 72 33 00-0120)		
08 72 33 00-0138	LF	Vinyl Insert, 1-1/4" Width, L-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 210AV)	16.54	5.72
		<i>For Color Anodized Finish, Add</i>	2.56	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0139	LF	Vinyl Insert, 1-3/8" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 215AV).....	17.54	5.72
		<i>For Color Anodized Finish, Add</i>	2.45	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0140	LF	Vinyl Insert, 1-3/4" Width, U-Shaped With Rain Drip, Aluminum Retainer Door Shoe (Pemko 216AV).....	17.70	5.72
		<i>For Color Anodized Finish, Add</i>	2.51	
		<i>For Thermo-Plastic Elastomer Insert, Add</i>	0.42	
08 72 33 00-0141		Vinyl Door Shoes (08 72 33 00-0119)		
08 72 33 00-0142	LF	1-3/4" Width, L-Shaped, Vinyl Door Shoe (Pemko V80)	19.78	5.72
08 72 33 00-0143	LF	1-3/4" Width, U-Shaped, Vinyl Door Shoe (Pemko 2170DV).....	23.54	5.72
08 72 33 00-0144		Door Bottoms (08 72 33 00-0118)		
08 72 33 00-0145		Automatic Door Bottoms (08 72 33 00-0144)		
08 72 33 00-0146		Aluminum Automatic Door Bottoms (08 72 33 00-0145)		
08 72 33 00-0147	LF	Sponge Neoprene Insert, 9/16" Width, 1-7/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4131CRL).....	33.19	5.72
		<i>For Color Anodized Finish, Add</i>	4.35	
08 72 33 00-0148	LF	Sponge Neoprene Insert, 31/32" Width, 2-1/8" Height, Surface/Mortise Mount, Aluminum Retainer, Automatic Door Bottom (Pemko 4301CRL).....	46.81	5.72
		<i>For Color Anodized Finish, Add</i>	7.08	
08 72 33 00-0149		Door Top Protection (08 72 33 00-0001)		
08 72 33 00-0150	LF	Aluminum, Door Top Cover For 1-3/8" Wood Doors (Pemko PA343).....	12.76	4.57
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.99	
08 72 33 00-0151	LF	Aluminum, Door Top Cover For 1-3/4" Wood Doors (Pemko PA344).....	12.76	4.57
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	0.99	
08 72 33 00-0152	LF	2-1/2" Aluminum Overhead Rain Drip With Slotted Holes (Pemko 346C)	17.41	4.57
		<i>For Dark Bronze Or Gold Anodized Aluminum Or Painted White, Add</i>	2.27	
08 72 33 00-0153	EA	For 20 Oz Copper Drip Cap For Exterior Door.....	67.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 72 33 00-0154			Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0001)</small> Note: Perimeter gasketing is used to seal the gap around the top and the two sides of a door assembly.		
08 72 33 00-0155			Adhesive Backed Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0154)</small>		
08 72 33 00-0156	LF		3/8" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK33) 4.03	4.03	2.86
			<i>For Intumescent Seal, Add</i> 1.50		
08 72 33 00-0157	LF		1/2" x 3/16", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko PK55) 4.07	4.07	2.86
			<i>For Intumescent Seal, Add</i> 1.50		
08 72 33 00-0158	LF		1/2" x 1/4", Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S88) 5.86	5.86	2.86
08 72 33 00-0159	LF		7/16" x 5/16", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S44) 4.39	4.39	2.86
08 72 33 00-0160	LF		5/16" x 1/2", Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S77) 5.67	5.67	2.86
			<i>For Intumescent Seal, Add</i> 1.50		
08 72 33 00-0161	LF		1/2" x 3/8", Silicone Triple Fin, Hospitality, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko S773) 5.28	5.28	2.86
			<i>For Intumescent Seal, Add</i> 1.50		
08 72 33 00-0162	LF		7/16" x 5/16", Intumescent And Silicone Single Fin, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS44) 6.87	6.87	2.86
08 72 33 00-0163	LF		1/2" x 1/4", Intumescent And Silicon Compression Bulb, Adhesive Backed Perimeter Gasketing Weather-Strip (Pemko HSS2000xS88) 6.38	6.38	2.86
08 72 33 00-0164			Kerf-In Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0154)</small>		
08 72 33 00-0165	LF		3/8" x 1/4" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko P50) 3.63	3.63	2.86
08 72 33 00-0166	LF		7/16" x 3/8" Silicone Bulb, Kerf-In Perimeter Gasketing Weather-Strip (Pemko S52) 5.25	5.25	2.86
08 72 33 00-0167	LF		3/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q103) 4.02	4.02	2.86
08 72 33 00-0168	LF		5/8" Foam, Kerf-In Perimeter Gasketing Weather-Strip (Pemko Q102) 3.98	3.98	2.86
08 72 33 00-0169	LF		3/8" Magnetic, Kerf-In Perimeter Gasketing Weather-Strip (Pemko MAG349) 5.08	5.08	2.86
08 72 33 00-0170			Cushion/Spring Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0154)</small>		
08 72 33 00-0171			Spring Bronze Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0170)</small>		
08 72 33 00-0172	LF		1-1/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70C) 10.50	10.50	2.86
08 72 33 00-0173	LF		1-1/4" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70D) 10.50	10.50	2.86
08 72 33 00-0174	LF		1-3/8" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70E) 11.45	11.45	2.86
08 72 33 00-0175	LF		1-1/2" Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B70F) 11.65	11.65	2.86
08 72 33 00-0176			Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0170)</small>		
08 72 33 00-0177	LF		5/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B73) 9.98	9.98	2.86
08 72 33 00-0178	LF		7/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B74) 11.45	11.45	2.86
08 72 33 00-0179	LF		1-1/8" Cushion "V", Spring Bronze Perimeter Gasketing Weather-Strip (Pemko B75) 13.06	13.06	2.86
08 72 33 00-0180			Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0154)</small>		
08 72 33 00-0181			Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0180)</small>		
08 72 33 00-0182	LF		1/4" Vinyl Insert, 13/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 297AV) 7.62	7.62	2.86
			<i>For Silicone Insert, Add</i> 0.95		
			<i>For Color Anodized Finish, Add</i> 1.90		
08 72 33 00-0183	LF		1/4" Vinyl Insert, 11/16" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 316AV) 7.62	7.62	2.86
			<i>For Silicone Insert, Add</i> 0.95		
			<i>For Color Anodized Finish, Add</i> 1.90		
08 72 33 00-0184	LF		1/4" Vinyl Insert, 7/8" Width, 1/4" Height, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 303AV) 7.62	7.62	2.86
			<i>For Silicone Insert, Add</i> 0.95		
			<i>For Color Anodized Finish, Add</i> 1.90		
08 72 33 00-0185	LF		3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 305CN) 12.66	12.66	2.86
			<i>For Silicone Insert, Add</i> 0.63		
			<i>For Color Anodized Finish, Add</i> 1.39		
08 72 33 00-0186	LF		3/16" Vinyl Or Pile Insert, 3/4" Width, 3/8" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip With Concealed Fasteners (Pemko 29310CV) 12.99	12.99	2.86
			<i>For Color Anodized Finish, Add</i> 3.64		
			<i>For Silicone Insert, Add</i> 0.95		
08 72 33 00-0187	LF		Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Clear Anodized Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 375CR) 12.99	12.99	2.86
			<i>For Color Anodized Finish, Add</i> 2.54		
08 72 33 00-0188			Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0180)</small>		
08 72 33 00-0189			Standard Jamb, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip <small>(08 72 33 00-0188)</small>		
08 72 33 00-0190	LF		1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 290AV) 12.41	12.41	2.86
			<i>For Silicone Insert, Add</i> 0.95		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
08 72 33 00-0191		Head Section, Heavy Duty, Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0188)			
08 72 33 00-0192	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Head Section, Heavy Duty, Mill Aluminum Retainer, Perimeter Gasketing Weather-Strip (Pemko 2891AV)	13.72		2.86
08 72 33 00-0193		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0154)			
08 72 33 00-0194		Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0193)			
08 72 33 00-0195	LF	3/8" Neoprene Insert, 7/8" Width, 3/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 305BR)	34.39		2.86
		<i>For Silicone Insert, Add</i>	1.58		
08 72 33 00-0196	LF	Neoprene Sponge Insert, 1-5/8" Width, 7/16" Height, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 375BR)	60.08		2.86
08 72 33 00-0197		Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0193)			
08 72 33 00-0198		Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0197)			
08 72 33 00-0199	LF	1/4" Vinyl Insert, 1-1/2" Width, 1/4" Height, Standard Jamb, Heavy Duty, Brass/Bronze Retainer, Perimeter Gasketing Weather-Strip (Pemko 290BV)	51.54		2.86
		<i>For Silicone Insert, Add</i>	0.63		
08 72 33 00-0200		Aluminum Interlock, Perimeter Gasketing Weather-Strip (08 72 33 00-0154)			
08 72 33 00-0201	LF	Side Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 335AR, 336A).....	18.27		5.72
		Note: For weather-stripping latch or hinge side of door. Includes aluminum interlocking devices for door and door frame.			
		<i>For Color Anodized Finish, Add</i>	2.74		
08 72 33 00-0202	LF	Top Mount, Mill Aluminum, Interlock Perimeter Gasketing Weather-Strip (Pemko 347A, 68AR).....	18.84		5.72
		Note: For weather-stripping the top of doors. Includes rain drip shield and aluminum interlocking devices for door and door frame.			
		<i>For Color Anodized Finish, Add</i>	2.97		
08 72 33 00-0203		Adjustable Aluminum Retainer, Perimeter Gasketing Weather-Strip (08 72 33 00-0154)			
		Note: Seals gaps from 1/16" to 1/4".			
08 72 33 00-0204	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Stop Gasketing Weather-Strip (Pemko 350CSR)	22.01		2.86
		<i>For Color Anodized Finish, Add</i>	3.26		
08 72 33 00-0205	LF	Sponge Neoprene Insert, 7/8" Width, 1-3/8" Height, Adjustable, Clear Anodized Aluminum Retainer, Jamb Gasketing Weather-Strip (Pemko 350CR).....	23.17		2.86
		<i>For Color Anodized Finish, Add</i>	3.49		
08 72 33 00-0206		Perimeter Gasketing Weather-Strip Applied To Header (08 72 33 00-0154)			
08 72 33 00-0207	LF	1-1/2" Wide x 1/4" High, Silicon Insert, Perimeter Gasketing (Pemko 2891AS).....	17.97		5.72
08 72 43		Thresholds (08 72)			
08 72 43 00-0001		Thresholds (08 72 43)			
		Note: Includes material, fasteners, installation, caulk and sealants.			
08 72 43 00-0002		Metal Thresholds (08 72 43 00-0001)			
08 72 43 00-0003		Saddle Thresholds (08 72 43 00-0002)			
08 72 43 00-0004		Aluminum Saddle Thresholds (08 72 43 00-0003)			
		Note: Includes mill finish.			
08 72 43 00-0005		3/16" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)			
08 72 43 00-0006	LF	2-1/4" Width, 3/16" Height, Aluminum Saddle Threshold (Pemko 173A).....	29.13		9.14
		<i>For Color Anodized Finish, Add</i>	2.51		
08 72 43 00-0007		1/4" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)			
08 72 43 00-0008	LF	3" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 151A).....	31.94		9.14
		<i>For Color Anodized Finish, Add</i>	3.64		
08 72 43 00-0009	LF	4" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 270A).....	37.48		11.42
		<i>For Color Anodized Finish, Add</i>	6.24		
08 72 43 00-0010	LF	5" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 271A).....	40.64		11.42
		<i>For Color Anodized Finish, Add</i>	6.04		
08 72 43 00-0011	LF	6" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 272A).....	44.43		11.42
		<i>For Color Anodized Finish, Add</i>	5.55		
08 72 43 00-0012	LF	7" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 276A).....	50.05		11.42
		<i>For Color Anodized Finish, Add</i>	5.37		
08 72 43 00-0013	LF	8" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2748A).....	60.07		13.71
		<i>For Color Anodized Finish, Add</i>	6.45		
08 72 43 00-0014	LF	9" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2749A).....	63.87		13.71
		<i>For Color Anodized Finish, Add</i>	7.40		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0015 LF 10" Width, 1/4" Height, Aluminum Saddle Threshold (Pemko 2750A)..... <i>For Color Anodized Finish, Add</i>	69.93 8.91	13.71
08 72 43 00-0016 5/16" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)		
08 72 43 00-0017 LF 2-1/2" Width, 5/16" Height, Aluminum Saddle Threshold (Pemko 166A)..... <i>For Color Anodized Finish, Add</i>	31.44 3.01	9.14
08 72 43 00-0018 1/2" Height, Aluminum Saddle Thresholds (08 72 43 00-0004)		
08 72 43 00-0019 LF 3" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 169A)..... <i>For Color Anodized Finish, Add</i>	31.61 4.38	9.14
08 72 43 00-0020 LF 4" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 170A)..... <i>For Color Anodized Finish, Add</i>	38.81 7.18	11.42
08 72 43 00-0021 LF 5" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 171A)..... <i>For Color Anodized Finish, Add</i>	42.03 6.74	11.42
08 72 43 00-0022 LF 6" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 172A)..... <i>For Color Anodized Finish, Add</i>	44.76 5.67	11.42
08 72 43 00-0023 LF 7" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 176A)..... <i>For Color Anodized Finish, Add</i>	50.05 5.37	11.42
08 72 43 00-0024 LF 8" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2548A)..... <i>For Color Anodized Finish, Add</i>	62.06 9.72	13.71
08 72 43 00-0025 LF 9" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2549A)..... <i>For Color Anodized Finish, Add</i>	65.53 12.50	13.71
08 72 43 00-0026 LF 10" Width, 1/2" Height, Aluminum Saddle Threshold (Pemko 2550A)..... <i>For Color Anodized Finish, Add</i>	69.00 13.88	13.71
08 72 43 00-0027 LF 4" Width, 1/2" Height, Aluminum Saddle Threshold (Zero 654A).....	41.67	11.42
08 72 43 00-0028 LF 5" Width, 1/2" Height, Aluminum Saddle Threshold (Zero 655A)..... <i>For Color Anodized Finish, Add</i>	44.25 7.85	11.42
08 72 43 00-0029 Brass/Bronze Saddle Thresholds (08 72 43 00-0003)		
08 72 43 00-0030 3/16" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0029)		
08 72 43 00-0031 LF 2-1/4" Width, 3/16" Height, Brass/Bronze Saddle Threshold (Pemko 173B).....	100.84	9.14
08 72 43 00-0032 1/4" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0029)		
08 72 43 00-0033 LF 3" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 151B).....	160.48	9.14
08 72 43 00-0034 LF 4" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 270B).....	193.71	11.42
08 72 43 00-0035 LF 5" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 271B).....	235.00	11.42
08 72 43 00-0036 LF 6" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 272B).....	275.14	11.42
08 72 43 00-0037 LF 7" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 276B).....	321.01	11.42
08 72 43 00-0038 LF 8" Width, 1/4" Height, Brass/Bronze Saddle Threshold (Pemko 274X4B).....	412.76	13.71
08 72 43 00-0039 1/2" Height, Brass/Bronze Saddle Thresholds (08 72 43 00-0029)		
08 72 43 00-0040 LF 4" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 170B).....	212.06	11.42
08 72 43 00-0041 LF 5" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 171B).....	257.94	11.42
08 72 43 00-0042 LF 6" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 172B).....	303.81	11.42
08 72 43 00-0043 LF 7" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 176B).....	361.16	11.42
08 72 43 00-0044 LF 8" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 254X4B).....	514.07	13.71
08 72 43 00-0045 LF 10" Width, 1/2" Height, Brass/Bronze Saddle Threshold (Pemko 255X5B).....	487.77	13.71
08 72 43 00-0046 Stainless Steel Saddle Thresholds (08 72 43 00-0003)		
08 72 43 00-0047 1/2" Height, Stainless Steel Saddle Thresholds (08 72 43 00-0046)		
08 72 43 00-0048 LF 4" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 175SS).....	177.65	11.42
08 72 43 00-0049 LF 5" Width, 1/2" Height, Stainless Steel Saddle Threshold (Pemko 154SS).....	189.12	11.42
08 72 43 00-0050 Half Saddle Thresholds (08 72 43 00-0002)		
08 72 43 00-0051 Aluminum Half Saddle Thresholds (08 72 43 00-0050)		
<i>Note: Includes mill finish.</i>		
08 72 43 00-0052 1/2" Height, Aluminum Half Saddle Thresholds (08 72 43 00-0051)		
08 72 43 00-0053 LF 2.94" Width, 1/2" Height, Aluminum Butt (Half Saddle) Threshold (Zero 623A).....	37.56	11.42
08 72 43 00-0054 3/4" Height, Aluminum Half Saddle Thresholds (08 72 43 00-0051)		
08 72 43 00-0055 LF 5" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1875A)..... <i>For Color Anodized Finish, Add</i>	45.14 6.63	11.42
08 72 43 00-0056 LF 7" Width, 3/4" Height, Aluminum Half Saddle Threshold (Pemko 1877A)..... <i>For Color Anodized Finish, Add</i>	57.15 2.86	11.42
08 72 43 00-0057 Offset Saddle Thresholds (08 72 43 00-0002)		
08 72 43 00-0058 Aluminum Offset Saddle Thresholds (08 72 43 00-0057)		
<i>Note: Includes mill finish.</i>		
08 72 43 00-0059 1/2" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0058)		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0060	LF		5-1/2" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 158A).....	45.25	11.42
			<i>For Color Anodized Finish, Add</i>	8.35	
08 72 43 00-0061	LF		7" Width, 1/2" Height, 1/4" Offset, Aluminum Offset Saddle Threshold (Pemko 2727A).....	49.55	11.42
			<i>For Color Anodized Finish, Add</i>	7.35	
08 72 43 00-0062			3/4" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0058)		
08 72 43 00-0063	LF		5-1/2" Width, 3/4" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 157A).....	45.25	11.42
			<i>For Color Anodized Finish, Add</i>	8.35	
08 72 43 00-0064			1" Height, Aluminum Offset Saddle Thresholds (08 72 43 00-0058)		
08 72 43 00-0065	LF		7" Width, 1" Height, 1/2" Offset, Aluminum Offset Saddle Threshold (Pemko 182A).....	51.20	11.42
			<i>For Color Anodized Finish, Add</i>	7.92	
08 72 43 00-0066			Modular Ramp Thresholds (08 72 43 00-0001)		
			Note: Includes mill finish.		
08 72 43 00-0067			Flush, Aluminum Modular Ramp Thresholds (08 72 43 00-0066)		
08 72 43 00-0068	LF		6-1/8" Length, 1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.5FA)	46.80	11.42
			<i>For Non-Slip Surfacing, Add</i>	71.85	
08 72 43 00-0069	LF		9-1/4" Length, 3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R.75FA)	57.93	12.57
			<i>For Non-Slip Surfacing, Add</i>	91.81	
08 72 43 00-0070	LF		12-3/8" Length, 1" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1FA)	73.17	14.28
			<i>For Non-Slip Surfacing, Add</i>	124.91	
08 72 43 00-0071	LF		15-1/2" Length, 1-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.25FA)	92.07	14.85
			<i>For Non-Slip Surfacing, Add</i>	168.37	
08 72 43 00-0072	LF		18-5/8" Length, 1-1/2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.5FA)	106.79	16.00
			<i>For Non-Slip Surfacing, Add</i>	224.40	
08 72 43 00-0073	LF		21-3/4" Length, 1-3/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R1.75FA)	131.68	17.71
			<i>For Non-Slip Surfacing, Add</i>	250.28	
08 72 43 00-0074	LF		24-7/8" Length, 2" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2FA)	146.78	19.42
			<i>For Non-Slip Surfacing, Add</i>	280.62	
08 72 43 00-0075	LF		28" Length, 2-1/4" Height, Flush, Aluminum Modular Ramp Threshold (Pemko R2.25FA)	155.67	20.57
			<i>For Non-Slip Surfacing, Add</i>	286.35	
08 72 43 00-0076			3-1/2" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0066)		
08 72 43 00-0077	LF		12-3/4" Length, 1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSSA).....	77.74	14.28
			<i>For Non-Slip Surfacing, Add</i>	132.79	
08 72 43 00-0078	LF		15-7/8" Length, 3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSSA).....	90.71	14.85
			<i>For Non-Slip Surfacing, Add</i>	164.70	
08 72 43 00-0079	LF		18" Length, 1" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSSA).....	113.03	17.14
			<i>For Non-Slip Surfacing, Add</i>	204.75	
08 72 43 00-0080	LF		22-1/8" Length, 1-1/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSSA)	132.30	18.29
			<i>For Non-Slip Surfacing, Add</i>	248.92	
08 72 43 00-0081	LF		25-1/4" Length, 1-1/2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSSA)	151.50	19.42
			<i>For Non-Slip Surfacing, Add</i>	292.89	
08 72 43 00-0082	LF		28-3/8" Length, 1-3/4" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSSA)	165.45	20.57
			<i>For Non-Slip Surfacing, Add</i>	323.23	
08 72 43 00-0083	LF		31-1/2" Length, 2" Height, 3-1/2" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSSA).....	201.69	21.71
			<i>For Non-Slip Surfacing, Add</i>	411.53	
08 72 43 00-0084			7" Top Plate, Offset, Aluminum Modular Ramp Thresholds (08 72 43 00-0066)		
08 72 43 00-0085	LF		16-1/4" Length, 1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.5OSA)	89.63	15.43
			<i>For Non-Slip Surfacing, Add</i>	164.56	
08 72 43 00-0086	LF		19-3/8" Length, 3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R.75OSA)	104.87	17.14
			<i>For Non-Slip Surfacing, Add</i>	197.65	
08 72 43 00-0087	LF		22-1/2" Length, 1" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1OSA)	124.90	18.29
			<i>For Non-Slip Surfacing, Add</i>	238.52	
08 72 43 00-0088	LF		25-5/8" Length, 1-1/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.25OSA)	139.63	19.42
			<i>For Non-Slip Surfacing, Add</i>	272.11	
08 72 43 00-0089	LF		28-3/4" Length, 1-1/2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.5OSA)	163.37	20.57
			<i>For Non-Slip Surfacing, Add</i>	317.82	
08 72 43 00-0090	LF		31-7/8" Length, 1-3/4" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R1.75OSA)	177.31	21.71
			<i>For Non-Slip Surfacing, Add</i>	348.14	
08 72 43 00-0091	LF		35" Length, 2" Height, 7" Top Plate, Offset, Aluminum Modular Ramp Threshold (Pemko R2OSA)	203.98	22.85
			<i>For Non-Slip Surfacing, Add</i>	395.70	
08 72 43 00-0092			Accessories For Aluminum Modular Ramp Thresholds (08 72 43 00-0066)		
08 72 43 00-0093			Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds (08 72 43 00-0092)		
08 72 43 00-0094	PR		Up To 1" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	206.23	14.28
			<i>For Non-Slip Surfacing, Add</i>	21.32	
08 72 43 00-0095	PR		>1" To 1-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	315.04	14.28
			<i>For Non-Slip Surfacing, Add</i>	34.38	
08 72 43 00-0096	PR		>1-1/4" To 2-1/4" Height, Wings/Miter Returns For Flush, Aluminum Modular Ramp Thresholds	621.21	20.00
			<i>For Non-Slip Surfacing, Add</i>	69.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0097 Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <small>(08 72 43 00-0092)</small>		
08 72 43 00-0098 PR Up To 1/2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	206.23 21.32	14.28
08 72 43 00-0099 PR >1/2" To 1" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	315.04 34.38	14.28
08 72 43 00-0100 PR >1" To 2" Height, Wings/Miter Returns For Offset, Aluminum Modular Ramp Thresholds <i>For Non-Slip Surfacing, Add</i>	621.21 69.75	20.00
08 72 43 00-0101 Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0001)</small> Note: Includes vinyl or pile seal.		
08 72 43 00-0102 Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0101)</small> Note: Includes mill finish.		
08 72 43 00-0103 Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0102)</small>		
08 72 43 00-0104 7/8" Height, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0103)</small>		
08 72 43 00-0105 LF 4" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	53.85 8.85 0.63	11.42
08 72 43 00-0106 LF 5" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 177AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	45.42 8.43 0.63	11.42
08 72 43 00-0107 LF 6" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	59.14 10.70 0.63	11.42
08 72 43 00-0108 LF 7" Width, 7/8" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	61.45 11.51 0.63	11.42
08 72 43 00-0109 1" Height, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0103)</small>		
08 72 43 00-0110 LF 3-5/8" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 185AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	43.43 7.44 0.63	11.42
08 72 43 00-0111 LF 5" Width, 1" Height, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 181AP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	45.75 8.60 0.63	11.42
08 72 43 00-0112 Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0102)</small>		
08 72 43 00-0113 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0112)</small>		
08 72 43 00-0114 LF 4-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 252X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	48.23 7.87 0.63	11.42
08 72 43 00-0115 LF 5-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 253X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	50.38 8.73 0.63	11.42
08 72 43 00-0116 LF 6-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 254X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	53.52 8.74 0.63	11.42
08 72 43 00-0117 LF 7-1/8" Width, 7/8" Height, Thermal Barrier, Aluminum, Latching Panic Exit Saddle Threshold (Pemko 255X226AFGP) <i>For Color Anodized Finish, Add</i> <i>For Thermoseal, Add</i>	57.07 9.98 0.63	11.42
08 72 43 00-0118 Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0101)</small>		
08 72 43 00-0119 Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0118)</small>		
08 72 43 00-0120 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0119)</small>		
08 72 43 00-0121 LF 4" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BV) <i>For Thermoseal, Add</i>	306.11 0.63	11.42
08 72 43 00-0122 LF 5" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 177BV) <i>For Thermoseal, Add</i>	283.17 0.63	11.42
08 72 43 00-0123 LF 6" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BV) <i>For Thermoseal, Add</i>	411.62 0.63	11.42
08 72 43 00-0124 LF 7" Width, 7/8" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BV) <i>For Thermoseal, Add</i>	367.12 0.63	11.42
08 72 43 00-0125 1" Height, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0119)</small>		
08 72 43 00-0126 LF 5" Width, 1" Height, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 181BV) <i>For Thermoseal, Add</i>	301.06 0.63	11.42
08 72 43 00-0127 Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0118)</small>		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0128			7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Thresholds <small>(08 72 43 00-0127)</small>		
08 72 43 00-0129	LF		4-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 252X226BFGV)	308.30	12.57
			<i>For Thermoseal, Add</i>	0.63	
08 72 43 00-0130	LF		5-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 253X226BFGV)	324.12	12.57
			<i>For Thermoseal, Add</i>	0.63	
08 72 43 00-0131	LF		6-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 254X226BFGV)	409.68	12.57
			<i>For Thermoseal, Add</i>	0.63	
08 72 43 00-0132	LF		7-1/8" Width, 7/8" Height, Thermal Barrier, Brass/Bronze, Latching Panic Exit Saddle Threshold (Pemko 255X226BFGV)	371.02	13.14
			<i>For Thermoseal, Add</i>	0.63	
08 72 43 00-0133			Carpet Separator Thresholds <small>(08 72 43 00-0001)</small>		
08 72 43 00-0134			Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0133)</small> Note: Includes mill finish.		
08 72 43 00-0135			3/8" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0134)</small>		
08 72 43 00-0136	LF		2-1/2" Width, 3/8" Height, Aluminum, Carpet Separator Threshold (Pemko 174C)	32.93	9.14
			<i>For Color Anodized Finish, Add</i>	4.03	
08 72 43 00-0137			7/16" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0134)</small>		
08 72 43 00-0138	LF		1-3/4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 236A)	26.94	8.00
			<i>For Color Anodized Finish, Add</i>	2.43	
08 72 43 00-0139	LF		4" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2364A)	40.96	9.14
			<i>For Color Anodized Finish, Add</i>	4.96	
08 72 43 00-0140	LF		6" Width, 7/16" Height, Aluminum, Carpet Separator Threshold (Pemko 2366A)	47.90	9.14
			<i>For Color Anodized Finish, Add</i>	7.74	
08 72 43 00-0141			1/2" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0134)</small>		
08 72 43 00-0142	LF		1-3/8" Width, 1/2" Height, Aluminum, Carpet Separator Threshold (Pemko 1951A)	24.79	8.00
			<i>For Color Anodized Finish, Add</i>	1.20	
08 72 43 00-0143			3/4" Height, Aluminum, Carpet Separator Thresholds <small>(08 72 43 00-0134)</small>		
08 72 43 00-0144	LF		1-3/4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 246A)	26.94	8.00
			<i>For Color Anodized Finish, Add</i>	2.08	
08 72 43 00-0145	LF		3" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 230A)	41.45	11.42
			<i>For Color Anodized Finish, Add</i>	5.16	
08 72 43 00-0146	LF		4" Width, 3/4" Height, Aluminum, Carpet Separator Threshold (Pemko 2464A)	43.43	11.42
			<i>For Color Anodized Finish, Add</i>	4.46	
08 72 43 00-0147			Brass/Bronze, Carpet Separator Thresholds <small>(08 72 43 00-0133)</small>		
08 72 43 00-0148			3/8" Height, Brass/Bronze, Carpet Separator Thresholds <small>(08 72 43 00-0147)</small>		
08 72 43 00-0149	LF		2-1/2" Width, 3/8" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 174B)	163.00	9.14
08 72 43 00-0150			7/16" Height, Brass/Bronze, Carpet Separator Thresholds <small>(08 72 43 00-0147)</small>		
08 72 43 00-0151	LF		1-3/4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 236B)	218.70	8.00
08 72 43 00-0152	LF		4" Width, 7/16" Height, Brass/Bronze, Carpet Separator Threshold (Pemko 2364B)	194.86	11.42
08 72 43 00-0153			Vinyl Transition Thresholds <small>(08 72 43 00-0001)</small> Note: Serves as a transition where carpet meets carpet, tile, VCT or concrete beneath a door.		
08 72 43 00-0154			Carpet To Carpet, Vinyl Transition Thresholds <small>(08 72 43 00-0153)</small> Note: Serves as a transition where carpet meets carpet beneath a door.		
08 72 43 00-0155	LF		2-3/4" Width, 23/32" Height, Carpet To Carpet, Vinyl Transition Threshold (Pemko V232BL)	38.99	9.14
08 72 43 00-0156			Carpet To Tile, Vinyl Transition Thresholds <small>(08 72 43 00-0153)</small> Note: Serves as a transition where carpet meets tile beneath a door.		
08 72 43 00-0157	LF		2-3/4" Width, 23/32" Height, Carpet To Tile, Vinyl Transition Threshold (Pemko V2325BL)	38.99	9.14
08 72 43 00-0158			Carpet To Concrete, Vinyl Transition Thresholds <small>(08 72 43 00-0153)</small> Note: Serves as a transition where carpet meets concrete beneath a door.		
08 72 43 00-0159	LF		3-1/2" Width, 23/32" Height, Carpet To Concrete, Vinyl Transition Threshold (Pemko V2320BL)	42.30	11.42
08 72 43 00-0160			Carpet To VCT Tile, Vinyl Transition Thresholds <small>(08 72 43 00-0153)</small> Note: Serves as a transition where carpet meets VCT Tile beneath a door.		
08 72 43 00-0161	LF		3-7/16" Width, 23/32" Height, Carpet To VCT Tile, Vinyl Transition Threshold (Pemko V2322BL)	44.98	11.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0162 Residential Thresholds <small>(08 72 43 00-0001)</small>		
08 72 43 00-0163 Wood Residential Thresholds <small>(08 72 43 00-0162)</small>		
08 72 43 00-0164 LF 1-1/4" Width, 1/4" Height, Oak Residential Threshold (Pemko 2219W).....	17.31	5.72
08 72 43 00-0165 LF 1-3/4" Width, 5/16" Height, Oak Residential Threshold (Pemko 2175W).....	17.86	5.72
08 72 43 00-0166 LF 3" Width, 3/8" Height, Oak Residential Threshold (Pemko 2300W).....	23.62	6.08
08 72 43 00-0167 LF 3-1/2" Width, 1/2" Height, Oak Residential Threshold (Pemko 2350W).....	24.03	6.31
08 72 43 00-0168 LF 5" Width, 1/2" Height, Oak Residential Threshold (Pemko 2500W).....	35.50	6.49
08 72 43 00-0169 Vinyl Top, Wood Residential Thresholds <small>(08 72 43 00-0162)</small>		
08 72 43 00-0170 LF 1-5/8" Width, 15/16" Height, Vinyl Top, Wood Residential Threshold (Pemko 208OAK).....	20.34	5.72
08 72 43 00-0171 LF 3-1/2" Width, 1-1/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 203OAK).....	24.53	6.31
08 72 43 00-0172 LF 3-5/8" Width, 1-3/8" Height, Vinyl Top, Wood Residential Threshold (Pemko 204OAK).....	43.87	6.31
08 72 43 00-0173 Vinyl Top, Aluminum Residential Thresholds <small>(08 72 43 00-0162)</small>		
08 72 43 00-0174 LF 1-3/8" Width, 1/2" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 208AV).....	20.40	5.72
<i>For Color Anodized Finish, Add</i>	2.45	
08 72 43 00-0175 LF 3-1/4" Width, 3/4" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 206AV).....	23.70	6.31
<i>For Color Anodized Finish, Add</i>	3.17	
08 72 43 00-0176 LF 3-1/2" Width, 1-1/8" Height, Vinyl Top, Aluminum Residential Threshold (Pemko 207AV).....	25.03	6.31
<i>For Color Anodized Finish, Add</i>	3.70	
08 72 43 00-0177 Interlocking Residential Thresholds <small>(08 72 43 00-0162)</small>		
08 72 43 00-0178 Aluminum Interlocking Residential Thresholds <small>(08 72 43 00-0177)</small>		
08 72 43 00-0179 1/2" Height, Aluminum Interlocking Residential Thresholds <small>(08 72 43 00-0178)</small>		
08 72 43 00-0180 LF 4-1/4" Width, 1/2" Height, Aluminum Interlocking Residential Threshold (Pemko 114A).....	43.16	6.49
<i>For Color Anodized Finish, Add</i>	8.08	
08 72 43 00-0181 5/8" Height, Aluminum Interlocking Residential Thresholds <small>(08 72 43 00-0178)</small>		
08 72 43 00-0182 LF 3" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 121A).....	29.25	6.08
<i>For Color Anodized Finish, Add</i>	4.22	
08 72 43 00-0183 LF 3-1/2" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 110A).....	26.84	6.31
<i>For Color Anodized Finish, Add</i>	5.54	
08 72 43 00-0184 LF 4-1/4" Width, 5/8" Height, Aluminum Interlocking Residential Threshold (Pemko 115A).....	30.93	6.49
<i>For Color Anodized Finish, Add</i>	4.41	
08 72 43 00-0185 7/8" Height, Aluminum Interlocking Residential Thresholds <small>(08 72 43 00-0178)</small>		
08 72 43 00-0186 LF 4-1/2" Width, 7/8" Height, Aluminum Interlocking Residential Threshold (Pemko 120A).....	33.57	6.49
<i>For Color Anodized Finish, Add</i>	8.68	
08 72 43 00-0187 Brass/Bronze Interlocking Residential Thresholds <small>(08 72 43 00-0177)</small>		
08 72 43 00-0188 1/2" Height, Brass/Bronze Interlocking Residential Thresholds <small>(08 72 43 00-0187)</small>		
08 72 43 00-0189 LF 4-1/4" Width, 1/2" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 114B).....	228.39	6.49
08 72 43 00-0190 5/8" Height, Brass/Bronze Interlocking Residential Thresholds <small>(08 72 43 00-0187)</small>		
08 72 43 00-0191 LF 3-1/2" Width, 5/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 110B).....	170.60	6.31
08 72 43 00-0192 7/8" Height, Brass/Bronze Interlocking Residential Thresholds <small>(08 72 43 00-0187)</small>		
08 72 43 00-0193 LF 4-1/2" Width, 7/8" Height, Brass/Bronze Interlocking Residential Threshold (Pemko 120B).....	234.13	6.49
08 72 43 00-0194 LF 5-3/4" Width, 7/8" Height, 3/4" Offset, Brass/Bronze Interlocking Residential Threshold (Pemko 123B).....	337.82	6.67
08 72 43 00-0195 Residential Door Sills <small>(08 72 43 00-0001)</small>		
08 72 43 00-0196 Fixed Aluminum Residential Door Sills <small>(08 72 43 00-0195)</small>		
08 72 43 00-0197 LF 4-9/16" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 84514A).....	25.64	6.49
<i>For Color Anodized Finish, Add</i>	4.71	
08 72 43 00-0198 LF 5-5/8" Width, 1-1/4" Height, Fixed Aluminum Residential Door Sill (Pemko 85514A).....	27.41	6.67
<i>For Color Anodized Finish, Add</i>	4.29	
08 72 43 00-0199 Adjustable Aluminum Top, Aluminum Residential Door Sills <small>(08 72 43 00-0195)</small>		
08 72 43 00-0200 LF 4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518A).....	35.74	6.49
<i>For Color Anodized Finish, Add</i>	6.83	
08 72 43 00-0201 LF 5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518A).....	36.69	6.67
<i>For Color Anodized Finish, Add</i>	7.00	
08 72 43 00-0202 Adjustable Wood Top, Aluminum Residential Door Sills <small>(08 72 43 00-0195)</small>		

08 Openings**08 70 Hardware****08 72 Weatherstripping, Thresholds and Seals**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 72 43 00-0203	LF		3-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 93518AW).....	36.07	6.31
			<i>For Color Anodized Finish, Add</i>	7.11	
08 72 43 00-0204	LF		4-7/8" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 94518AW).....	36.53	6.49
			<i>For Color Anodized Finish, Add</i>	5.08	
08 72 43 00-0205	LF		5-3/4" Width, 1-1/8" To 1-3/8" Height, Adjustable Aluminum Top, Aluminum Residential Door Sill (Pemko 95518AW).....	38.10	6.67
			<i>For Color Anodized Finish, Add</i>	5.35	
08 72 43 00-0206			Extenders For Aluminum Residential Door Sills (08 72 43 00-0195)		
08 72 43 00-0207	LF		3/4" Extender For Aluminum Residential Door Sills (Pemko EXT3/4A).....	15.55	5.72
			<i>For Color Anodized Finish, Add</i>	2.89	
08 72 43 00-0208	LF		2" Extender For Aluminum Residential Door Sills (Pemko EXT2A).....	16.87	5.72
			<i>For Color Anodized Finish, Add</i>	2.73	
08 72 43 00-0209	LF		3" Extender For Aluminum Residential Door Sills (Pemko EXT3A).....	18.20	5.72
			<i>For Color Anodized Finish, Add</i>	1.70	
08 72 43 00-0210			Stone Thresholds (08 72 43 00-0001)		
08 72 43 00-0211			Marble Thresholds (08 72 43 00-0210)		
08 72 43 00-0212	LF		2" Width, 5/8" Height, Plain Marble Threshold.....	20.13	7.98
08 72 43 00-0213	LF		4" Width, 5/8" Height, Plain Marble Threshold.....	21.89	7.98
08 72 43 00-0214	LF		6" Width, 5/8" Height, Plain Marble Threshold.....	24.25	7.98
08 72 43 00-0215	LF		4" Width, 7/8" Height, Plain Marble Threshold.....	29.58	7.98
08 72 43 00-0216	LF		6" Width, 7/8" Height, Plain Marble Threshold.....	35.79	7.98
08 72 43 00-0217			Corian Thresholds (08 72 43 00-0210)		
08 72 43 00-0218	LF		Up To 5-3/4" Width, Corian Threshold.....	87.76	9.48
08 75 Window Hardware (08 70)					
08 75 13 Automatic Window Equipment (08 75)					
08 75 13 00-0001			Window Opener Electric, With 1/2 HP Motor (08 75 13)		
08 75 13 00-0002	EA		Gym Window Electronic Opener.....	1,935.92	243.47
08 78 Special Function Hardware (08 70)					
08 78 00 00-0001			Pad Locks (08 78)		
08 78 00 00-0002	EA		Combination Padlock.....	22.46	5.72
08 78 00 00-0003	EA		Resettable Combination Padlock With Control Key, 4 Digit, 2" Wide Case, 1" Shackle Height.....	50.72	5.72
08 78 00 00-0004	EA		Resettable Combination Padlock, 4 Digit, 2" Wide Case, 1" Shackle Height.....	46.89	5.72
08 78 00 00-0005	EA		Resettable Combination Padlock, 4 Digit, 2" Wide Case, 2-1/4" Shackle Height.....	51.64	5.72
08 78 00 00-0006	EA		Commercial U-Bar Lock.....	62.61	5.72
08 78 00 00-0007	EA		Weather Tough Padlocks Keyed Alike.....	52.59	5.72
08 78 00 00-0008	EA		High Security Padlocks.....	47.52	5.72
08 78 00 00-0009	EA		Standard Key, Medium Security Padlock Keyed Alike.....	25.25	5.72
08 78 00 00-0010	EA		Russwin Padlock With 01H Padlock.....	71.08	5.72
08 79 Hardware Accessories (08 70)					
08 79 13 Key Storage Equipment (08 79)					
08 79 13 00-0001			Key Cabinet (08 79 13)		
08 79 13 00-0002			Key Cabinets (08 79 13 00-0001)		
08 79 13 00-0003	EA		Wall Mounted Key Cabinet, Up To 30 Keys.....	555.65	20.57
08 79 13 00-0004	EA		Wall Mounted Key Cabinet, Up To 60 Keys.....	752.06	22.85
08 79 13 00-0005	EA		Wall Mounted Key Cabinet, Up To 240 Keys.....	1,696.11	34.28
08 79 13 00-0006	EA		Wall Mounted Key Cabinet, Up To 1,200 Keys.....	4,392.52	45.70
08 79 13 00-0007	EA		Drawer Type Key Cabinet, Up To 600 Keys.....	4,696.21	30.28
08 79 13 00-0008	EA		Drawer Type Key Cabinet, Up To 2,400 Keys.....	10,631.28	22.85
08 79 13 00-0009	EA		Tray Type Key Cabinet, Up To 20 Keys.....	233.34	9.14
08 79 13 00-0010	EA		Tray Type Key Cabinet, Up To 50 Keys.....	333.49	11.42
08 79 13 00-0011			Key Boxes Wall Mounted On Any Type Wall, With Anchor (08 79 13 00-0001)		
08 79 13 00-0012	EA		Key Box, Metal, 30 Key Hooks, Key Lock Door 3" Deep x 10" Wide x 12" High.....	316.25	17.15
08 79 13 00-0013	EA		Key Box, Metal, 60 Key Hooks, Key Lock Door, 3" Deep x 10" Wide x 12" High.....	359.26	17.15
08 79 13 00-0014	EA		Relocate 10" Wide x 12" High x 3" Deep Metal Key Box.....	58.29	
			Note: Including Storage And Cleaning		
08 79 13 00-0015	EA		Relocate Heavy Duty Key Box, With Combo Lock Door.....	131.45	
			Note: Including Storage And Cleaning		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 80 Glazing (08)

Note: Includes neoprene setting blocks and spacers and elastomeric sealants for all glazing tasks. Demolition for all glazing includes removal of glazing (broken or whole), sealant compound and/or astragal, taking down and resetting mullion where necessary.

08 81 Glass Glazing (08 80)

08 81 23 Exterior Glass Glazing (08 81)

08 81 23 13 Factory Installed Glass Glazing (08 81 23)

08 81 23 13-0001 Clear Float Factory Installed Glass (08 81 23 13)

08 81 23 13-0002 Clear Float Factory Installed Glass (08 81 23 13-0001)

08 81 23 13-0003	SF 1/8" Thick, Clear Float Factory Installed Glass		7.65
	<i>For >50 To 200, Deduct</i>		-0.23
	<i>For >200 To 400, Deduct</i>		-0.46
	<i>For >400, Deduct</i>		-0.69
	<i>For Tinted Glass, Add</i>		1.91
	<i>For Reflective Coated Glass, Add</i>		3.44
	<i>For Low-E Coated Glass, Add</i>		1.91
08 81 23 13-0004	SF 3/16" Thick, Clear Float Factory Installed Glass		8.20
	<i>For >50 To 200, Deduct</i>		-0.25
	<i>For >200 To 400, Deduct</i>		-0.49
	<i>For >400, Deduct</i>		-0.74
	<i>For Tinted Glass, Add</i>		2.05
	<i>For Reflective Coated Glass, Add</i>		3.69
	<i>For Low-E Coated Glass, Add</i>		2.05
08 81 23 13-0005	SF 1/4" Thick, Clear Float Factory Installed Glass		9.94
	<i>For >50 To 200, Deduct</i>		-0.30
	<i>For >200 To 400, Deduct</i>		-0.60
	<i>For >400, Deduct</i>		-0.89
	<i>For Tinted Glass, Add</i>		2.49
	<i>For Reflective Coated Glass, Add</i>		4.47
	<i>For Low-E Coated Glass, Add</i>		2.49
08 81 23 13-0006	SF 5/16" Thick, Clear Float Factory Installed Glass		16.53
	<i>For >50 To 200, Deduct</i>		-0.50
	<i>For >200 To 400, Deduct</i>		-0.99
	<i>For >400, Deduct</i>		-1.49
	<i>For Tinted Glass, Add</i>		4.13
	<i>For Reflective Coated Glass, Add</i>		7.44
	<i>For Low-E Coated Glass, Add</i>		4.13
08 81 23 13-0007	SF 3/8" Thick, Clear Float Factory Installed Glass		24.05
	<i>For >50 To 200, Deduct</i>		-0.72
	<i>For >200 To 400, Deduct</i>		-1.44
	<i>For >400, Deduct</i>		-2.16
	<i>For Tinted Glass, Add</i>		6.01
	<i>For Reflective Coated Glass, Add</i>		10.82
	<i>For Low-E Coated Glass, Add</i>		6.01
08 81 23 13-0008	SF 1/2" Thick, Clear Float Factory Installed Glass		26.43
	<i>For >50 To 200, Deduct</i>		-0.79
	<i>For >200 To 400, Deduct</i>		-1.59
	<i>For >400, Deduct</i>		-2.38
	<i>For Tinted Glass, Add</i>		6.61
	<i>For Reflective Coated Glass, Add</i>		11.89
	<i>For Low-E Coated Glass, Add</i>		6.61
08 81 23 13-0009	SF 5/8" Thick, Clear Float Factory Installed Glass		31.61
	<i>For >50 To 200, Deduct</i>		-0.95
	<i>For >200 To 400, Deduct</i>		-1.90
	<i>For >400, Deduct</i>		-2.84
	<i>For Tinted Glass, Add</i>		7.90
	<i>For Reflective Coated Glass, Add</i>		14.22
	<i>For Low-E Coated Glass, Add</i>		7.90
08 81 23 13-0010	SF 3/4" Thick, Clear Float Factory Installed Glass		39.05
	<i>For >50 To 200, Deduct</i>		-1.17
	<i>For >200 To 400, Deduct</i>		-2.34
	<i>For >400, Deduct</i>		-3.51
	<i>For Tinted Glass, Add</i>		9.76
	<i>For Reflective Coated Glass, Add</i>		17.57
	<i>For Low-E Coated Glass, Add</i>		9.76

08 81 23 13-0011 Heat Treated Factory Installed Glass (08 81 23 13)

08 81 23 13-0012 Tempered, Clear Float Factory Installed Glass (08 81 23 13-0011)

08 81 23 13-0013	SF 1/8" Thick, Tempered, Clear Float Factory Installed Glass		12.26
	<i>For >50 To 200, Deduct</i>		-0.37
	<i>For >200 To 400, Deduct</i>		-0.74
	<i>For >400, Deduct</i>		-1.10
	<i>For Tinted Glass, Add</i>		3.07
	<i>For Reflective Coated Glass, Add</i>		5.52
	<i>For Low-E Coated Glass, Add</i>		3.07

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0014 SF 3/16" Thick, Tempered, Clear Float Factory Installed Glass.....	13.11	
For >50 To 200, Deduct	-0.39	
For >200 To 400, Deduct	-0.79	
For >400, Deduct	-1.18	
For Tinted Glass, Add	3.28	
For Reflective Coated Glass, Add	5.90	
For Low-E Coated Glass, Add	3.28	
08 81 23 13-0015 SF 1/4" Thick, Tempered, Clear Float Factory Installed Glass.....	15.94	
For >50 To 200, Deduct	-0.48	
For >200 To 400, Deduct	-0.96	
For >400, Deduct	-1.43	
For Tinted Glass, Add	3.99	
For Reflective Coated Glass, Add	7.17	
For Low-E Coated Glass, Add	3.99	
08 81 23 13-0016 SF 5/16" Thick, Tempered, Clear Float Factory Installed Glass.....	26.54	
For >50 To 200, Deduct	-0.80	
For >200 To 400, Deduct	-1.59	
For >400, Deduct	-2.39	
For Tinted Glass, Add	6.64	
For Reflective Coated Glass, Add	11.94	
For Low-E Coated Glass, Add	6.64	
08 81 23 13-0017 SF 3/8" Thick, Tempered, Clear Float Factory Installed Glass.....	38.57	
For >50 To 200, Deduct	-1.16	
For >200 To 400, Deduct	-2.31	
For >400, Deduct	-3.47	
For Tinted Glass, Add	9.64	
For Reflective Coated Glass, Add	17.36	
For Low-E Coated Glass, Add	9.64	
08 81 23 13-0018 SF 1/2" Thick, Tempered, Clear Float Factory Installed Glass.....	42.37	
For >50 To 200, Deduct	-1.27	
For >200 To 400, Deduct	-2.54	
For >400, Deduct	-3.81	
For Tinted Glass, Add	10.59	
For Reflective Coated Glass, Add	19.07	
For Low-E Coated Glass, Add	10.59	
08 81 23 13-0019 SF 5/8" Thick, Tempered, Clear Float Factory Installed Glass.....	50.69	
For >50 To 200, Deduct	-1.52	
For >200 To 400, Deduct	-3.04	
For >400, Deduct	-4.56	
For Tinted Glass, Add	12.67	
For Reflective Coated Glass, Add	22.81	
For Low-E Coated Glass, Add	12.67	
08 81 23 13-0020 SF 3/4" Thick, Tempered, Clear Float Factory Installed Glass.....	62.62	
For >50 To 200, Deduct	-1.88	
For >200 To 400, Deduct	-3.76	
For >400, Deduct	-5.64	
For Tinted Glass, Add	15.66	
For Reflective Coated Glass, Add	28.18	
For Low-E Coated Glass, Add	15.66	
08 81 23 13-0021 Patterned Factory Installed Glass (08 81 23 13)		
08 81 23 13-0022 Rough Obscure, Factory Installed Glass (08 81 23 13-0021)		
Note: Class II, Form 3, Finish F1.		
08 81 23 13-0023 SF 1/4" Thick, Rough Obscure, Factory Installed Glass.....	38.49	
08 81 23 13-0024 Patterned, Figured Factory Installed Glass (08 81 23 13-0021)		
Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 13-0025 SF 1/8" Thick, Patterned, Figured Factory Installed Glass.....	23.38	
08 81 23 13-0026 SF 7/32" Thick, Patterned, Figured Factory Installed Glass.....	23.38	
08 81 23 13-0027 Wired Factory Installed Glass (08 81 23 13)		
08 81 23 13-0028 Square Or Diamond Pattern, Wired Factory Installed Glass (08 81 23 13-0027)		
Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 13-0029 SF 1/4" Thick, Square Pattern, Wired Factory Installed Glass.....	60.52	
08 81 23 13-0030 SF 1/4" Thick, Diamond Pattern, Wired Factory Installed Glass.....	60.52	
08 81 23 13-0031 Polished, Wired Factory Installed Glass (08 81 23 13-0027)		
08 81 23 13-0032 SF 1/4" Thick, Polished, Wired Factory Installed Glass.....	66.16	
08 81 23 13-0033 Frosted Factory Installed Glass (08 81 23 13)		
08 81 23 13-0034 Frosted Factory Installed Glass (08 81 23 13-0033)		
08 81 23 13-0035 SF 1/8" Thick, Frosted Factory Installed Glass.....	30.60	
For >50 To 200, Deduct	-0.92	
For >200 To 400, Deduct	-1.84	
For >400, Deduct	-2.75	
08 81 23 13-0036 SF 3/16" Thick, Frosted Factory Installed Glass.....	40.15	
For >50 To 200, Deduct	-1.20	
For >200 To 400, Deduct	-2.41	
For >400, Deduct	-3.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0037 SF 1/4" Thick, Frosted Factory Installed Glass	50.75	
<i>For >50 To 200, Deduct</i>	-1.52	
<i>For >200 To 400, Deduct</i>	-3.05	
<i>For >400, Deduct</i>	-4.57	
08 81 23 13-0038 SF 3/8" Thick, Frosted Factory Installed Glass	75.86	
<i>For >50 To 200, Deduct</i>	-2.28	
<i>For >200 To 400, Deduct</i>	-4.55	
<i>For >400, Deduct</i>	-6.83	
08 81 23 13-0039 Fire Rated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0040 Fire Rated Factory Installed Glass <small>(08 81 23 13-0039)</small>		
08 81 23 13-0041 SF 20 Minute, Fire Rated Factory Installed Glass	46.95	
08 81 23 13-0042 SF 45 Minute, Fire Rated Factory Installed Glass	93.48	
08 81 23 13-0043 SF 60 Minute, Fire Rated Factory Installed Glass	144.46	
08 81 23 13-0044 SF 90 Minute, Fire Rated Factory Installed Glass	191.20	
08 81 23 13-0045 Laminated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0046 Laminated Glass With PVB Interlayer, Factory Installed Glass <small>(08 81 23 13-0045)</small>		
Note: Type I, Class I, Quality Q3.		
08 81 23 13-0047 SF 1/4" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	26.53	
<i>For >50 To 200, Deduct</i>	-0.80	
<i>For >200 To 400, Deduct</i>	-1.59	
<i>For >400, Deduct</i>	-2.39	
<i>For Tinted Glass, Add</i>	5.31	
<i>For Reflective Coated Glass, Add</i>	7.96	
<i>For Low-E Coated Glass, Add</i>	6.63	
<i>For One Piece Heat Strengthened Glass, Add</i>	5.31	
<i>For One Piece Fully Tempered Glass, Add</i>	5.31	
08 81 23 13-0048 SF 3/8" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	33.12	
<i>For >50 To 200, Deduct</i>	-0.99	
<i>For >200 To 400, Deduct</i>	-1.99	
<i>For >400, Deduct</i>	-2.98	
<i>For Tinted Glass, Add</i>	6.62	
<i>For Reflective Coated Glass, Add</i>	9.94	
<i>For Low-E Coated Glass, Add</i>	8.28	
<i>For One Piece Heat Strengthened Glass, Add</i>	6.62	
<i>For One Piece Fully Tempered Glass, Add</i>	6.62	
08 81 23 13-0049 SF 1/2" Thick, Laminated Glass With PVB Interlayer, Factory Installed Glass	38.26	
<i>For >50 To 200, Deduct</i>	-1.15	
<i>For >200 To 400, Deduct</i>	-2.30	
<i>For >400, Deduct</i>	-3.44	
<i>For Tinted Glass, Add</i>	7.65	
<i>For Reflective Coated Glass, Add</i>	11.48	
<i>For Low-E Coated Glass, Add</i>	9.57	
<i>For One Piece Heat Strengthened Glass, Add</i>	7.65	
<i>For One Piece Fully Tempered Glass, Add</i>	7.65	
08 81 23 13-0050 Insulated Factory Installed Glass <small>(08 81 23 13)</small>		
08 81 23 13-0051 Insulated, Factory Installed Glass <small>(08 81 23 13-0050)</small>		
Note: Type I, Class I, Quality Q3.		
08 81 23 13-0052 3/16" Air Space, Insulated, Factory Installed Glass <small>(08 81 23 13-0051)</small>		
Note: Type I, Class I, Quality Q3.		
08 81 23 13-0053 SF 3/8" Thick, Insulated Factory Installed Glass	18.77	
Note: Two 3/32" lites with 3/16" air space.		
<i>For >50 To 200, Deduct</i>	-0.56	
<i>For >200 To 400, Deduct</i>	-1.13	
<i>For >400, Deduct</i>	-1.69	
<i>For Tinted Glass, Add</i>	2.82	
<i>For Reflective Coated Glass, Add</i>	5.63	
<i>For Low-E Coated Glass, Add</i>	4.69	
<i>For One Piece Heat Strengthened Glass, Add</i>	3.75	
<i>For One Piece Fully Tempered Glass, Add</i>	3.75	
<i>For One Piece Obscure Glass, Add</i>	7.98	
<i>For Argon Gas, Add</i>	2.58	
08 81 23 13-0054 SF 1/2" Thick, Insulated Factory Installed Glass	20.51	
Note: One 3/16" lite and one 1/8" lite with 3/16" air space.		
<i>For >50 To 200, Deduct</i>	-0.62	
<i>For >200 To 400, Deduct</i>	-1.23	
<i>For >400, Deduct</i>	-1.85	
<i>For Tinted Glass, Add</i>	3.08	
<i>For Reflective Coated Glass, Add</i>	6.15	
<i>For Low-E Coated Glass, Add</i>	5.13	
<i>For One Piece Heat Strengthened Glass, Add</i>	4.10	
<i>For One Piece Fully Tempered Glass, Add</i>	4.10	
<i>For One Piece Obscure Glass, Add</i>	8.72	
<i>For Argon Gas, Add</i>	2.82	

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 81 23 13-0055	SF	9/16" Thick, Insulated Factory Installed Glass	20.55	
		Note: Two 3/16" lites with 3/16" air space.		
		For >50 To 200, Deduct	-0.62	
		For >200 To 400, Deduct	-1.23	
		For >400, Deduct	-1.85	
		For Tinted Glass, Add	3.08	
		For Reflective Coated Glass, Add	6.17	
		For Low-E Coated Glass, Add	5.14	
		For One Piece Heat Strengthened Glass, Add	4.11	
		For One Piece Fully Tempered Glass, Add	4.11	
		For One Piece Obscure Glass, Add	8.73	
		For Argon Gas, Add	2.83	
08 81 23 13-0056		1/4" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051)		
		Note: Type I, Class I, Quality Q3.		
08 81 23 13-0057	SF	7/16" Thick, Insulated Factory Installed Glass	19.33	
		Note: Two 3/32" lites with 1/4" air space.		
		For >50 To 200, Deduct	-0.58	
		For >200 To 400, Deduct	-1.16	
		For >400, Deduct	-1.74	
		For Tinted Glass, Add	2.90	
		For Reflective Coated Glass, Add	5.80	
		For Low-E Coated Glass, Add	4.83	
		For One Piece Heat Strengthened Glass, Add	3.87	
		For One Piece Fully Tempered Glass, Add	3.87	
		For One Piece Obscure Glass, Add	8.22	
		For Argon Gas, Add	2.66	
08 81 23 13-0058	SF	1/2" Thick, Insulated Factory Installed Glass	20.51	
		Note: Two 1/8" lites with 1/4" air space.		
		For >50 To 200, Deduct	-0.62	
		For >200 To 400, Deduct	-1.23	
		For >400, Deduct	-1.85	
		For Tinted Glass, Add	3.08	
		For Reflective Coated Glass, Add	6.15	
		For Low-E Coated Glass, Add	5.13	
		For One Piece Heat Strengthened Glass, Add	4.10	
		For One Piece Fully Tempered Glass, Add	4.10	
		For One Piece Obscure Glass, Add	8.72	
		For Argon Gas, Add	2.82	
08 81 23 13-0059	SF	5/8" Thick, Insulated Factory Installed Glass	20.75	
		Note: Two 3/16" lites with 1/4" air space.		
		For >50 To 200, Deduct	-0.62	
		For >200 To 400, Deduct	-1.25	
		For >400, Deduct	-1.87	
		For Tinted Glass, Add	3.11	
		For Reflective Coated Glass, Add	6.23	
		For Low-E Coated Glass, Add	5.19	
		For One Piece Heat Strengthened Glass, Add	4.15	
		For One Piece Fully Tempered Glass, Add	4.15	
		For One Piece Obscure Glass, Add	8.82	
		For Argon Gas, Add	2.85	
08 81 23 13-0060	SF	5/8" Thick, Insulated Factory Installed Glass	20.75	
		Note: One 1/4" lite and one 1/8" lite with 1/4" air space.		
		For >50 To 200, Deduct	-0.62	
		For >200 To 400, Deduct	-1.25	
		For >400, Deduct	-1.87	
		For Tinted Glass, Add	3.11	
		For Reflective Coated Glass, Add	6.23	
		For Low-E Coated Glass, Add	5.19	
		For One Piece Heat Strengthened Glass, Add	4.15	
		For One Piece Fully Tempered Glass, Add	4.15	
		For One Piece Obscure Glass, Add	8.82	
		For Argon Gas, Add	2.85	
08 81 23 13-0061	SF	3/4" Thick, Insulated Factory Installed Glass	23.71	
		Note: Two 1/4" lites with 1/4" air space.		
		For >50 To 200, Deduct	-0.71	
		For >200 To 400, Deduct	-1.42	
		For >400, Deduct	-2.13	
		For Tinted Glass, Add	3.56	
		For Reflective Coated Glass, Add	7.11	
		For Low-E Coated Glass, Add	5.93	
		For One Piece Heat Strengthened Glass, Add	4.74	
		For One Piece Fully Tempered Glass, Add	4.74	
		For One Piece Obscure Glass, Add	10.08	
		For Argon Gas, Add	3.26	
08 81 23 13-0062		3/8" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051)		
		Note: Type I, Class I, Quality Q3.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 13-0063 SF 5/8" Thick, Insulated Factory Installed Glass.....20.75 Note: Two 1/8" lites with 3/8" air space. <i>For >50 To 200, Deduct</i> -0.62 <i>For >200 To 400, Deduct</i> -1.25 <i>For >400, Deduct</i> -1.87 <i>For Tinted Glass, Add</i> 3.11 <i>For Reflective Coated Glass, Add</i> 6.23 <i>For Low-E Coated Glass, Add</i> 5.19 <i>For One Piece Heat Strengthened Glass, Add</i> 4.15 <i>For One Piece Fully Tempered Glass, Add</i> 4.15 <i>For One Piece Obscure Glass, Add</i> 8.82 <i>For Argon Gas, Add</i> 2.85		
08 81 23 13-0064 SF 3/4" Thick, Insulated Factory Installed Glass.....21.74 Note: Two 3/16" lites with 3/8" air space. <i>For >50 To 200, Deduct</i> -0.65 <i>For >200 To 400, Deduct</i> -1.30 <i>For >400, Deduct</i> -1.96 <i>For Tinted Glass, Add</i> 3.26 <i>For Reflective Coated Glass, Add</i> 6.52 <i>For Low-E Coated Glass, Add</i> 5.44 <i>For One Piece Heat Strengthened Glass, Add</i> 4.35 <i>For One Piece Fully Tempered Glass, Add</i> 4.35 <i>For One Piece Obscure Glass, Add</i> 9.24 <i>For Argon Gas, Add</i> 2.99		
08 81 23 13-0065 SF 7/8" Thick, Insulated Factory Installed Glass.....24.11 Note: Two 1/4" lites with 3/8" air space. <i>For >50 To 200, Deduct</i> -0.72 <i>For >200 To 400, Deduct</i> -1.45 <i>For >400, Deduct</i> -2.17 <i>For Tinted Glass, Add</i> 3.62 <i>For Reflective Coated Glass, Add</i> 7.23 <i>For Low-E Coated Glass, Add</i> 6.03 <i>For One Piece Heat Strengthened Glass, Add</i> 4.82 <i>For One Piece Fully Tempered Glass, Add</i> 4.82 <i>For One Piece Obscure Glass, Add</i> 10.25 <i>For Argon Gas, Add</i> 3.32		
08 81 23 13-0066 SF 1" Thick, Insulated Factory Installed Glass.....27.23 Note: Two 5/16" lites with 3/8" air space. <i>For >50 To 200, Deduct</i> -0.82 <i>For >200 To 400, Deduct</i> -1.63 <i>For >400, Deduct</i> -2.45 <i>For Tinted Glass, Add</i> 4.08 <i>For Reflective Coated Glass, Add</i> 8.17 <i>For Low-E Coated Glass, Add</i> 6.81 <i>For One Piece Heat Strengthened Glass, Add</i> 5.45 <i>For One Piece Fully Tempered Glass, Add</i> 5.45 <i>For One Piece Obscure Glass, Add</i> 11.57 <i>For Argon Gas, Add</i> 3.74		
08 81 23 13-0067 1/2" Air Space, Insulated, Factory Installed Glass (08 81 23 13-0051) Note: Type I, Class I, Quality Q3.		
08 81 23 13-0068 SF 3/4" Thick, Insulated Factory Installed Glass.....21.74 Note: Two 1/8" lites with 1/2" air space. <i>For >50 To 200, Deduct</i> -0.65 <i>For >200 To 400, Deduct</i> -1.30 <i>For >400, Deduct</i> -1.96 <i>For Tinted Glass, Add</i> 3.26 <i>For Reflective Coated Glass, Add</i> 6.52 <i>For Low-E Coated Glass, Add</i> 5.44 <i>For One Piece Heat Strengthened Glass, Add</i> 4.35 <i>For One Piece Fully Tempered Glass, Add</i> 4.35 <i>For One Piece Obscure Glass, Add</i> 9.24 <i>For Argon Gas, Add</i> 2.99		
08 81 23 13-0069 SF 7/8" Thick, Insulated Factory Installed Glass.....24.11 Note: Two 3/16" lites with 1/2" air space. <i>For >50 To 200, Deduct</i> -0.72 <i>For >200 To 400, Deduct</i> -1.45 <i>For >400, Deduct</i> -2.17 <i>For Tinted Glass, Add</i> 3.62 <i>For Reflective Coated Glass, Add</i> 7.23 <i>For Low-E Coated Glass, Add</i> 6.03 <i>For One Piece Heat Strengthened Glass, Add</i> 4.82 <i>For One Piece Fully Tempered Glass, Add</i> 4.82 <i>For One Piece Obscure Glass, Add</i> 10.25 <i>For Argon Gas, Add</i> 3.32		
08 81 23 13-0070 SF 7/8" Thick, Insulated Factory Installed Glass.....24.11 Note: One 1/4" lite and one 1/8" lite with 1/2" air space. <i>For >50 To 200, Deduct</i> -0.72 <i>For >200 To 400, Deduct</i> -1.45 <i>For >400, Deduct</i> -2.17 <i>For Tinted Glass, Add</i> 3.62 <i>For Reflective Coated Glass, Add</i> 7.23 <i>For Low-E Coated Glass, Add</i> 6.03 <i>For One Piece Heat Strengthened Glass, Add</i> 4.82 <i>For One Piece Fully Tempered Glass, Add</i> 4.82 <i>For One Piece Obscure Glass, Add</i> 10.25 <i>For Argon Gas, Add</i> 3.32		

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 81 23 13-0071	SF	1" Thick, Insulated Factory Installed Glass	26.36	
		Note: Two 1/4" lites with 1/2" air space.		
		For >50 To 200, Deduct	-0.79	
		For >200 To 400, Deduct	-1.58	
		For >400, Deduct	-2.37	
		For Tinted Glass, Add	3.95	
		For Reflective Coated Glass, Add	7.91	
		For Low-E Coated Glass, Add	6.59	
		For One Piece Heat Strengthened Glass, Add	5.27	
		For One Piece Fully Tempered Glass, Add	5.27	
		For One Piece Obscure Glass, Add	11.20	
		For Argon Gas, Add	3.62	
08 81 23 13-0072		Laminated Insulated Glass, Factory Installed Glass (08 81 23 13-0050)		
08 81 23 13-0073	SF	1" Thick, Laminated Insulating Glass, Factory Installed Glass	73.82	
		Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
		For >50 To 200, Deduct	-2.21	
		For >200 To 400, Deduct	-4.43	
		For >400, Deduct	-6.64	
		For Tinted Glass, Add	11.07	
		For Reflective Coated Glass, Add	22.15	
		For Low-E Coated Glass, Add	18.46	
		For Argon Gas, Add	10.15	
08 81 23 13-0074	SF	1-3/16" Thick, Laminated Insulating Glass, Factory Installed Glass	89.63	
		Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
		For >50 To 200, Deduct	-2.69	
		For >200 To 400, Deduct	-5.38	
		For >400, Deduct	-8.07	
		For Tinted Glass, Add	13.44	
		For Reflective Coated Glass, Add	26.89	
		For Low-E Coated Glass, Add	22.41	
		For Argon Gas, Add	12.32	
08 81 23 13-0075	SF	1-5/16" Thick, Laminated Insulating Glass, Factory Installed Glass	105.44	
		Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.		
		For >50 To 200, Deduct	-3.16	
		For >200 To 400, Deduct	-6.33	
		For >400, Deduct	-9.49	
		For Tinted Glass, Add	15.82	
		For Reflective Coated Glass, Add	31.63	
		For Low-E Coated Glass, Add	26.36	
		For Argon Gas, Add	14.50	
08 81 23 23		Field Installed Glass Glazing (08 81 23)		
08 81 23 23-0001		Clear Float Field Installed Glass (08 81 23 23)		
08 81 23 23-0002		Clear Float Field Installed Glass (08 81 23 23-0001)		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0003	SF	1/8" Thick, Clear Float Field Installed Glass	20.31	
		For >50 To 200, Deduct	-0.23	
		For >200 To 400, Deduct	-0.46	
		For >400, Deduct	-0.69	
		For Glass Removal And Preparing Opening For New Glazing, Add	12.66	
		For Tinted Glass, Add	1.91	
		For Reflective Coated Glass, Add	3.44	
		For Low-E Coated Glass, Add	1.91	
08 81 23 23-0004	SF	3/16" Thick, Clear Float Field Installed Glass	21.83	
		For >50 To 200, Deduct	-0.25	
		For >200 To 400, Deduct	-0.49	
		For >400, Deduct	-0.74	
		For Glass Removal And Preparing Opening For New Glazing, Add	13.63	
		For Tinted Glass, Add	2.05	
		For Reflective Coated Glass, Add	3.69	
		For Low-E Coated Glass, Add	2.05	
08 81 23 23-0005	SF	1/4" Thick, Clear Float Field Installed Glass	24.54	
		For >50 To 200, Deduct	-0.30	
		For >200 To 400, Deduct	-0.60	
		For >400, Deduct	-0.89	
		For Glass Removal And Preparing Opening For New Glazing, Add	14.60	
		For Tinted Glass, Add	2.49	
		For Reflective Coated Glass, Add	4.47	
		For Low-E Coated Glass, Add	2.49	
08 81 23 23-0006	SF	5/16" Thick, Clear Float Field Installed Glass	33.08	
		For >50 To 200, Deduct	-0.50	
		For >200 To 400, Deduct	-0.99	
		For >400, Deduct	-1.49	
		For Glass Removal And Preparing Opening For New Glazing, Add	16.55	
		For Tinted Glass, Add	4.13	
		For Reflective Coated Glass, Add	7.44	
		For Low-E Coated Glass, Add	4.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0007 SF 3/8" Thick, Clear Float Field Installed Glass	42.54	
For >50 To 200, Deduct	-0.72	
For >200 To 400, Deduct	-1.44	
For >400, Deduct	-2.16	
For Glass Removal And Preparing Opening For New Glazing, Add	18.49	
For Tinted Glass, Add	6.01	
For Reflective Coated Glass, Add	10.82	
For Low-E Coated Glass, Add	6.01	
08 81 23 23-0008 SF 1/2" Thick, Clear Float Field Installed Glass	46.87	
For >50 To 200, Deduct	-0.79	
For >200 To 400, Deduct	-1.59	
For >400, Deduct	-2.38	
For Glass Removal And Preparing Opening For New Glazing, Add	20.44	
For Tinted Glass, Add	6.61	
For Reflective Coated Glass, Add	11.89	
For Low-E Coated Glass, Add	6.61	
08 81 23 23-0009 SF 5/8" Thick, Clear Float Field Installed Glass	56.91	
For >50 To 200, Deduct	-0.95	
For >200 To 400, Deduct	-1.90	
For >400, Deduct	-2.84	
For Glass Removal And Preparing Opening For New Glazing, Add	25.30	
For Tinted Glass, Add	7.90	
For Reflective Coated Glass, Add	14.22	
For Low-E Coated Glass, Add	7.90	
08 81 23 23-0010 SF 3/4" Thick, Clear Float Field Installed Glass	69.22	
For >50 To 200, Deduct	-1.17	
For >200 To 400, Deduct	-2.34	
For >400, Deduct	-3.51	
For Glass Removal And Preparing Opening For New Glazing, Add	30.17	
For Tinted Glass, Add	9.76	
For Reflective Coated Glass, Add	17.57	
For Low-E Coated Glass, Add	9.76	
08 81 23 23-0011 Heat Treated Field Installed Glass (08 81 23 23)		
08 81 23 23-0012 Tempered, Clear Float Field Installed Glass (08 81 23 23-0011)		
Note: Type I, Class I, Quality Q3.		
08 81 23 23-0013 SF 1/8" Thick, Tempered, Clear Float Field Installed Glass	24.92	
For >50 To 200, Deduct	-0.37	
For >200 To 400, Deduct	-0.74	
For >400, Deduct	-1.10	
For Glass Removal And Preparing Opening For New Glazing, Add	12.66	
For Tinted Glass, Add	3.07	
For Reflective Coated Glass, Add	5.52	
For Low-E Coated Glass, Add	3.07	
08 81 23 23-0014 SF 3/16" Thick, Tempered, Clear Float Field Installed Glass	26.74	
For >50 To 200, Deduct	-0.39	
For >200 To 400, Deduct	-0.79	
For >400, Deduct	-1.18	
For Glass Removal And Preparing Opening For New Glazing, Add	13.63	
For Tinted Glass, Add	3.28	
For Reflective Coated Glass, Add	5.90	
For Low-E Coated Glass, Add	3.28	
08 81 23 23-0015 SF 1/4" Thick, Tempered, Clear Float Field Installed Glass	30.54	
For >50 To 200, Deduct	-0.48	
For >200 To 400, Deduct	-0.96	
For >400, Deduct	-1.43	
For Glass Removal And Preparing Opening For New Glazing, Add	14.60	
For Tinted Glass, Add	3.99	
For Reflective Coated Glass, Add	7.17	
For Low-E Coated Glass, Add	3.99	
08 81 23 23-0016 SF 5/16" Thick, Tempered, Clear Float Field Installed Glass	43.09	
For >50 To 200, Deduct	-0.80	
For >200 To 400, Deduct	-1.59	
For >400, Deduct	-2.39	
For Glass Removal And Preparing Opening For New Glazing, Add	16.55	
For Tinted Glass, Add	6.64	
For Reflective Coated Glass, Add	11.94	
For Low-E Coated Glass, Add	6.64	
08 81 23 23-0017 SF 3/8" Thick, Tempered, Clear Float Field Installed Glass	57.06	
For >50 To 200, Deduct	-1.16	
For >200 To 400, Deduct	-2.31	
For >400, Deduct	-3.47	
For Glass Removal And Preparing Opening For New Glazing, Add	18.49	
For Tinted Glass, Add	9.64	
For Reflective Coated Glass, Add	17.36	
For Low-E Coated Glass, Add	9.64	
08 81 23 23-0018 SF 1/2" Thick, Tempered, Clear Float Field Installed Glass	62.81	
For >50 To 200, Deduct	-1.27	
For >200 To 400, Deduct	-2.54	
For >400, Deduct	-3.81	
For Glass Removal And Preparing Opening For New Glazing, Add	20.44	
For Tinted Glass, Add	10.59	
For Reflective Coated Glass, Add	19.07	
For Low-E Coated Glass, Add	10.59	

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0019	SF		5/8" Thick, Tempered, Clear Float Field Installed Glass	75.99	
			<i>For >50 To 200, Deduct</i>	-1.52	
			<i>For >200 To 400, Deduct</i>	-3.04	
			<i>For >400, Deduct</i>	-4.56	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	25.30	
			<i>For Tinted Glass, Add</i>	12.67	
			<i>For Reflective Coated Glass, Add</i>	22.81	
			<i>For Low-E Coated Glass, Add</i>	12.67	
08 81 23 23-0020	SF		3/4" Thick, Tempered, Clear Float Field Installed Glass	92.79	
			<i>For >50 To 200, Deduct</i>	-1.88	
			<i>For >200 To 400, Deduct</i>	-3.76	
			<i>For >400, Deduct</i>	-5.64	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	30.17	
			<i>For Tinted Glass, Add</i>	15.66	
			<i>For Reflective Coated Glass, Add</i>	28.18	
			<i>For Low-E Coated Glass, Add</i>	15.66	
08 81 23 23-0021			Patterned Field Installed Glass (08 81 23 23)		
08 81 23 23-0022			Rough Obscure Field Installed Glass (08 81 23 23-0021)		
			Note: Class II, Form 3, Finish F1.		
08 81 23 23-0023	SF		1/4" Thick, Rough Obscure Field Installed Glass	53.09	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0024			Patterned, Figured Field Installed Glass (08 81 23 23-0021)		
			Note: Kind HS, Type II, Class I, Form 3, Quality Q8, Finish F2, Pattern P4.		
08 81 23 23-0025	SF		1/8" Thick, Patterned, Figured Field Installed Glass	36.04	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.66	
08 81 23 23-0026	SF		7/32" Thick, Patterned, Figured Field Installed Glass	37.49	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.11	
08 81 23 23-0027			Wired Field Installed Glass (08 81 23 23)		
08 81 23 23-0028			Square Or Diamond Pattern, Wired Field Installed Glass (08 81 23 23-0027)		
			Note: Class I, Form 2, Mesh M1 Or M2, Pattern P2.		
08 81 23 23-0029	SF		1/4" Thick, Square Pattern, Wired Field Installed Glass	75.12	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0030	SF		1/4" Thick, Diamond Pattern, Wired Field Installed Glass	75.12	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0031			Polished, Wired Field Installed Glass (08 81 23 23-0027)		
08 81 23 23-0032	SF		1/4" Thick, Polished, Wired Field Installed Glass	80.76	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0033			Frosted Field Installed Glass (08 81 23 23)		
08 81 23 23-0034			Frosted Field Installed Glass (08 81 23 23-0033)		
08 81 23 23-0035	SF		1/8" Thick, Frosted Field Installed Glass	43.26	
			<i>For >50 To 200, Deduct</i>	-0.92	
			<i>For >200 To 400, Deduct</i>	-1.84	
			<i>For >400, Deduct</i>	-2.75	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	12.66	
08 81 23 23-0036	SF		3/16" Thick, Frosted Field Installed Glass	53.78	
			<i>For >50 To 200, Deduct</i>	-1.20	
			<i>For >200 To 400, Deduct</i>	-2.41	
			<i>For >400, Deduct</i>	-3.61	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	13.63	
08 81 23 23-0037	SF		1/4" Thick, Frosted Field Installed Glass	65.35	
			<i>For >50 To 200, Deduct</i>	-1.52	
			<i>For >200 To 400, Deduct</i>	-3.05	
			<i>For >400, Deduct</i>	-4.57	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0038	SF		3/8" Thick, Frosted Field Installed Glass	94.35	
			<i>For >50 To 200, Deduct</i>	-2.28	
			<i>For >200 To 400, Deduct</i>	-4.55	
			<i>For >400, Deduct</i>	-6.83	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	18.49	
08 81 23 23-0039			Fire Rated Field Installed Glass (08 81 23 23)		
08 81 23 23-0040			Fire Rated Field Installed Glass (08 81 23 23-0039)		
08 81 23 23-0041	SF		20 Minute, Fire Rated Field Installed Glass	61.55	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0042	SF		45 Minute, Fire Rated Field Installed Glass	108.08	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0043	SF		60 Minute, Fire Rated Field Installed Glass	159.06	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	
08 81 23 23-0044	SF		90 Minute, Fire Rated Field Installed Glass	205.80	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	14.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0045 Laminated Field Installed Glass <small>(08 81 23 23)</small>		
08 81 23 23-0046 Laminated Glass With PVB Interlayer, Field Installed Glass <small>(08 81 23 23-0045)</small> Note: Type I, Class I, Quality Q3.		
08 81 23 23-0047 SF 1/4" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	41.13	
For >50 To 200, Deduct	-0.80	
For >200 To 400, Deduct	-1.59	
For >400, Deduct	-2.39	
For Glass Removal And Preparing Opening For New Glazing, Add	14.60	
For Tinted Glass, Add	5.31	
For Reflective Coated Glass, Add	7.96	
For Low-E Coated Glass, Add	6.63	
For One Piece Heat Strengthened Glass, Add	5.31	
For One Piece Fully Tempered Glass, Add	5.31	
08 81 23 23-0048 SF 3/8" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	51.61	
For >50 To 200, Deduct	-0.99	
For >200 To 400, Deduct	-1.99	
For >400, Deduct	-2.98	
For Glass Removal And Preparing Opening For New Glazing, Add	18.49	
For Tinted Glass, Add	6.62	
For Reflective Coated Glass, Add	9.94	
For Low-E Coated Glass, Add	8.28	
For One Piece Heat Strengthened Glass, Add	6.62	
For One Piece Fully Tempered Glass, Add	6.62	
08 81 23 23-0049 SF 1/2" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	58.70	
For >50 To 200, Deduct	-1.15	
For >200 To 400, Deduct	-2.30	
For >400, Deduct	-3.44	
For Glass Removal And Preparing Opening For New Glazing, Add	20.44	
For Tinted Glass, Add	7.65	
For Reflective Coated Glass, Add	11.48	
For Low-E Coated Glass, Add	9.57	
For One Piece Heat Strengthened Glass, Add	7.65	
For One Piece Fully Tempered Glass, Add	7.65	
08 81 23 23-0050 SF 9/16" Thick, Laminated Glass With PVB Interlayer, Field Installed Glass.....	65.91	
For >50 To 200, Deduct	-1.29	
For >200 To 400, Deduct	-2.58	
For >400, Deduct	-3.87	
For Glass Removal And Preparing Opening For New Glazing, Add	22.87	
For Tinted Glass, Add	8.61	
For Reflective Coated Glass, Add	12.91	
For Low-E Coated Glass, Add	10.76	
For One Piece Heat Strengthened Glass, Add	8.61	
For One Piece Fully Tempered Glass, Add	8.61	
08 81 23 23-0051 Insulated Field Installed Glass <small>(08 81 23 23)</small>		
08 81 23 23-0052 Insulated Glass, Field Installed Glass <small>(08 81 23 23-0051)</small> Note: Type I, Class I, Quality Q3.		
08 81 23 23-0053 3/16" Air Space, Insulated, Field Installed Glass <small>(08 81 23 23-0052)</small> Note: Type I, Class I, Quality Q3.		
08 81 23 23-0054 SF 3/8" Thick, Insulated Field Installed Glass..... Note: Two 3/32" lites with 3/16" air space.	35.12	
For >50 To 200, Deduct	-0.56	
For >200 To 400, Deduct	-1.13	
For >400, Deduct	-1.69	
For Glass Removal And Preparing Opening For New Glazing, Add	16.35	
For Tinted Glass, Add	2.82	
For Reflective Coated Glass, Add	5.63	
For Low-E Coated Glass, Add	4.69	
For One Piece Heat Strengthened Glass, Add	3.75	
For One Piece Fully Tempered Glass, Add	3.75	
For One Piece Obscure Glass, Add	7.98	
For Argon Gas, Add	2.58	
08 81 23 23-0055 SF 1/2" Thick, Insulated Field Installed Glass..... Note: One 3/16" lite and one 1/8" lite with 3/16" air space.	37.54	
For >50 To 200, Deduct	-0.62	
For >200 To 400, Deduct	-1.23	
For >400, Deduct	-1.85	
For Glass Removal And Preparing Opening For New Glazing, Add	17.03	
For Tinted Glass, Add	3.08	
For Reflective Coated Glass, Add	6.15	
For Low-E Coated Glass, Add	5.13	
For One Piece Heat Strengthened Glass, Add	4.10	
For One Piece Fully Tempered Glass, Add	4.10	
For One Piece Obscure Glass, Add	8.72	
For Argon Gas, Add	2.82	

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
08 81 23 23-0056	SF	9/16" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 3/16" air space.	37.87	
		<i>For >50 To 200, Deduct</i>	-0.62	
		<i>For >200 To 400, Deduct</i>	-1.23	
		<i>For >400, Deduct</i>	-1.85	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.32	
		<i>For Tinted Glass, Add</i>	3.08	
		<i>For Reflective Coated Glass, Add</i>	6.17	
		<i>For Low-E Coated Glass, Add</i>	5.14	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.11	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.11	
		<i>For One Piece Obscure Glass, Add</i>	8.73	
		<i>For Argon Gas, Add</i>	2.83	
08 81 23 23-0057		1/4" Air Space, Insulated, Field Installed Glass (08 81 23 23-0052)		
		Note: Type I, Class I, Quality Q3.		
08 81 23 23-0058	SF	7/16" Thick, Insulated Field Installed Glass Note: Two 3/32" lites with 1/4" air space.	35.97	
		<i>For >50 To 200, Deduct</i>	-0.58	
		<i>For >200 To 400, Deduct</i>	-1.16	
		<i>For >400, Deduct</i>	-1.74	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	16.64	
		<i>For Tinted Glass, Add</i>	2.90	
		<i>For Reflective Coated Glass, Add</i>	5.80	
		<i>For Low-E Coated Glass, Add</i>	4.83	
		<i>For One Piece Heat Strengthened Glass, Add</i>	3.87	
		<i>For One Piece Fully Tempered Glass, Add</i>	3.87	
		<i>For One Piece Obscure Glass, Add</i>	8.22	
		<i>For Argon Gas, Add</i>	2.66	
08 81 23 23-0059	SF	1/2" Thick, Insulated Field Installed Glass Note: Two 1/8" lites with 1/4" air space.	37.54	
		<i>For >50 To 200, Deduct</i>	-0.62	
		<i>For >200 To 400, Deduct</i>	-1.23	
		<i>For >400, Deduct</i>	-1.85	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	17.03	
		<i>For Tinted Glass, Add</i>	3.08	
		<i>For Reflective Coated Glass, Add</i>	6.15	
		<i>For Low-E Coated Glass, Add</i>	5.13	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.10	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.10	
		<i>For One Piece Obscure Glass, Add</i>	8.72	
		<i>For Argon Gas, Add</i>	2.82	
08 81 23 23-0060	SF	5/8" Thick, Insulated Field Installed Glass Note: Two 3/16" lites with 1/4" air space.	38.92	
		<i>For >50 To 200, Deduct</i>	-0.62	
		<i>For >200 To 400, Deduct</i>	-1.25	
		<i>For >400, Deduct</i>	-1.87	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	18.17	
		<i>For Tinted Glass, Add</i>	3.11	
		<i>For Reflective Coated Glass, Add</i>	6.23	
		<i>For Low-E Coated Glass, Add</i>	5.19	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.15	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.15	
		<i>For One Piece Obscure Glass, Add</i>	8.82	
		<i>For Argon Gas, Add</i>	2.85	
08 81 23 23-0061	SF	5/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/4" air space.	38.92	
		<i>For >50 To 200, Deduct</i>	-0.62	
		<i>For >200 To 400, Deduct</i>	-1.25	
		<i>For >400, Deduct</i>	-1.87	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	18.17	
		<i>For Tinted Glass, Add</i>	3.11	
		<i>For Reflective Coated Glass, Add</i>	6.23	
		<i>For Low-E Coated Glass, Add</i>	5.19	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.15	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.15	
		<i>For One Piece Obscure Glass, Add</i>	8.82	
		<i>For Argon Gas, Add</i>	2.85	
08 81 23 23-0062	SF	3/4" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/4" air space.	43.54	
		<i>For >50 To 200, Deduct</i>	-0.71	
		<i>For >200 To 400, Deduct</i>	-1.42	
		<i>For >400, Deduct</i>	-2.13	
		<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	19.83	
		<i>For Tinted Glass, Add</i>	3.56	
		<i>For Reflective Coated Glass, Add</i>	7.11	
		<i>For Low-E Coated Glass, Add</i>	5.93	
		<i>For One Piece Heat Strengthened Glass, Add</i>	4.74	
		<i>For One Piece Fully Tempered Glass, Add</i>	4.74	
		<i>For One Piece Obscure Glass, Add</i>	10.08	
		<i>For Argon Gas, Add</i>	3.26	
08 81 23 23-0063		3/8" Air Space, Insulated, Field Installed Glass (08 81 23 23-0052)		
		Note: Type I, Class I, Quality Q3.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0064 SF 5/8" Thick, Insulated Field Installed Glass .....38.92 Note: Two 1/8" lites with 3/8" air space. For >50 To 200, Deduct -0.62 For >200 To 400, Deduct -1.25 For >400, Deduct -1.87 For Glass Removal And Preparing Opening For New Glazing, Add 18.17 For Tinted Glass, Add 3.11 For Reflective Coated Glass, Add 6.23 For Low-E Coated Glass, Add 5.19 For One Piece Heat Strengthened Glass, Add 4.15 For One Piece Fully Tempered Glass, Add 4.15 For One Piece Obscure Glass, Add 8.82 For Argon Gas, Add 2.85		
08 81 23 23-0065 SF 3/4" Thick, Insulated Field Installed Glass .....41.57 Note: Two 3/16" lites with 3/8" air space. For >50 To 200, Deduct -0.65 For >200 To 400, Deduct -1.30 For >400, Deduct -1.96 For Glass Removal And Preparing Opening For New Glazing, Add 19.83 For Tinted Glass, Add 3.26 For Reflective Coated Glass, Add 6.52 For Low-E Coated Glass, Add 5.44 For One Piece Heat Strengthened Glass, Add 4.35 For One Piece Fully Tempered Glass, Add 4.35 For One Piece Obscure Glass, Add 9.24 For Argon Gas, Add 2.99		
08 81 23 23-0066 SF 7/8" Thick, Insulated Field Installed Glass .....44.35 Note: Two 1/4" lites with 3/8" air space. For >50 To 200, Deduct -0.72 For >200 To 400, Deduct -1.45 For >400, Deduct -2.17 For Glass Removal And Preparing Opening For New Glazing, Add 20.24 For Tinted Glass, Add 3.62 For Reflective Coated Glass, Add 7.23 For Low-E Coated Glass, Add 6.03 For One Piece Heat Strengthened Glass, Add 4.82 For One Piece Fully Tempered Glass, Add 4.82 For One Piece Obscure Glass, Add 10.25 For Argon Gas, Add 3.32		
08 81 23 23-0067 SF 1" Thick, Insulated Field Installed Glass .....47.67 Note: Two 5/16" lites with 3/8" air space. For >50 To 200, Deduct -0.82 For >200 To 400, Deduct -1.63 For >400, Deduct -2.45 For Glass Removal And Preparing Opening For New Glazing, Add 20.44 For Tinted Glass, Add 4.08 For Reflective Coated Glass, Add 8.17 For Low-E Coated Glass, Add 6.81 For One Piece Heat Strengthened Glass, Add 5.45 For One Piece Fully Tempered Glass, Add 5.45 For One Piece Obscure Glass, Add 11.57 For Argon Gas, Add 3.74		
08 81 23 23-0068 1/2" Air Space, Insulated, Field Installed Glass (08 81 23 23-0052) Note: Type I, Class I, Quality Q3.		
08 81 23 23-0069 SF 3/4" Thick, Insulated Field Installed Glass .....41.57 Note: Two 1/8" lites with 1/2" air space. For >50 To 200, Deduct -0.65 For >200 To 400, Deduct -1.30 For >400, Deduct -1.96 For Glass Removal And Preparing Opening For New Glazing, Add 19.83 For Tinted Glass, Add 3.26 For Reflective Coated Glass, Add 6.52 For Low-E Coated Glass, Add 5.44 For One Piece Heat Strengthened Glass, Add 4.35 For One Piece Fully Tempered Glass, Add 4.35 For One Piece Obscure Glass, Add 9.24 For Argon Gas, Add 2.99		
08 81 23 23-0070 SF 7/8" Thick, Insulated Field Installed Glass .....44.35 Note: Two 3/16" lites with 1/2" air space. For >50 To 200, Deduct -0.72 For >200 To 400, Deduct -1.45 For >400, Deduct -2.17 For Glass Removal And Preparing Opening For New Glazing, Add 20.24 For Tinted Glass, Add 3.62 For Reflective Coated Glass, Add 7.23 For Low-E Coated Glass, Add 6.03 For One Piece Heat Strengthened Glass, Add 4.82 For One Piece Fully Tempered Glass, Add 4.82 For One Piece Obscure Glass, Add 10.25 For Argon Gas, Add 3.32		

08 Openings**08 80 Glazing****08 81 Glass Glazing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 81 23 23-0071	SF		7/8" Thick, Insulated Field Installed Glass Note: One 1/4" lite and one 1/8" lite with 1/2" air space.	44.35	
			<i>For >50 To 200, Deduct</i>	-0.72	
			<i>For >200 To 400, Deduct</i>	-1.45	
			<i>For >400, Deduct</i>	-2.17	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.24	
			<i>For Tinted Glass, Add</i>	3.62	
			<i>For Reflective Coated Glass, Add</i>	7.23	
			<i>For Low-E Coated Glass, Add</i>	6.03	
			<i>For One Piece Heat Strengthened Glass, Add</i>	4.82	
			<i>For One Piece Fully Tempered Glass, Add</i>	4.82	
			<i>For One Piece Obscure Glass, Add</i>	10.25	
			<i>For Argon Gas, Add</i>	3.32	
08 81 23 23-0072	SF		1" Thick, Insulated Field Installed Glass Note: Two 1/4" lites with 1/2" air space.	46.80	
			<i>For >50 To 200, Deduct</i>	-0.79	
			<i>For >200 To 400, Deduct</i>	-1.58	
			<i>For >400, Deduct</i>	-2.37	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.44	
			<i>For Tinted Glass, Add</i>	3.95	
			<i>For Reflective Coated Glass, Add</i>	7.91	
			<i>For Low-E Coated Glass, Add</i>	6.59	
			<i>For One Piece Heat Strengthened Glass, Add</i>	5.27	
			<i>For One Piece Fully Tempered Glass, Add</i>	5.27	
			<i>For One Piece Obscure Glass, Add</i>	11.20	
			<i>For Argon Gas, Add</i>	3.62	
08 81 23 23-0073			Laminated Insulated Glass, Field Installed Glass (08 81 23 23-0051).....	94.26	
08 81 23 23-0074	SF		1" Thick, Laminated Insulating Glass, Field Installed Glass..... Note: Insulated glass units consisting of 1/4" thick inner pane, 3/16" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	94.26	
			<i>For >50 To 200, Deduct</i>	-2.21	
			<i>For >200 To 400, Deduct</i>	-4.43	
			<i>For >400, Deduct</i>	-6.64	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	20.44	
			<i>For Tinted Glass, Add</i>	11.07	
			<i>For Reflective Coated Glass, Add</i>	22.15	
			<i>For Low-E Coated Glass, Add</i>	18.46	
			<i>For Argon Gas, Add</i>	10.15	
08 81 23 23-0075	SF		1-3/16" Thick, Laminated Insulating Glass, Field Installed Glass..... Note: Insulated glass units consisting of 1/4" thick inner pane, 3/8" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	112.99	
			<i>For >50 To 200, Deduct</i>	-2.69	
			<i>For >200 To 400, Deduct</i>	-5.38	
			<i>For >400, Deduct</i>	-8.07	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	23.36	
			<i>For Tinted Glass, Add</i>	13.44	
			<i>For Reflective Coated Glass, Add</i>	26.89	
			<i>For Low-E Coated Glass, Add</i>	22.41	
			<i>For Argon Gas, Add</i>	12.32	
08 81 23 23-0076	SF		1-5/16" Thick, Laminated Insulating Glass, Field Installed Glass..... Note: Insulated glass units consisting of 1/4" thick inner pane, 1/2" air gap, and outer laminated pane of 0.060" PVB film between two layers 1/4" thick glass.	132.21	
			<i>For >50 To 200, Deduct</i>	-3.16	
			<i>For >200 To 400, Deduct</i>	-6.33	
			<i>For >400, Deduct</i>	-9.49	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	26.77	
			<i>For Tinted Glass, Add</i>	15.82	
			<i>For Reflective Coated Glass, Add</i>	31.63	
			<i>For Low-E Coated Glass, Add</i>	26.36	
			<i>For Argon Gas, Add</i>	14.50	
08 81 23 23-0077			Spandrel Field Installed Glass (08 81 23 23)		
08 81 23 23-0078			Monolithic Float Glass Panels Ceramic Back, Coated, Field Installed Glass (08 81 23 23-0077)		
08 81 23 23-0079	SF		1/4" - 5/16" Spandrel Glass, Up To 1,000 SF, Field Installed Glass <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	36.86	16.22
08 81 23 23-0080	SF		1/4" - 5/16" Spandrel Glass, >1,000 SF, Field Installed Glass <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	32.43	16.22
08 81 23 23-0081			Insulating Float Glass Panels Ceramic Back, Coated, Tempered, Field Installed Glass (08 81 23 23-0077)		
08 81 23 23-0082			1/4" Glass With 1" Fiberglass Insulation, Field Installed Glass (08 81 23 23-0081) Note: Also with aluminum foil vapor barrier.		
08 81 23 23-0083	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation Up To 20,000 SF, Foil Vapor Barrier, Field Installed Glass..... <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	41.47	16.22
08 81 23 23-0084	SF		1/4" Spandrel Glass With 1" Fiberglass Insulation >20,000 SF, Foil Vapor Barrier, Field Installed Glass <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	36.45	16.22
08 81 23 23-0085			1/4" Glass With 3/4 To 7/8" Insulation, Field Installed Glass (08 81 23 23-0081)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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08 81 23 23-0086	SF 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 24 Gauge Steel Interfacing, Field Installed Glass	50.19	
	For Glass Removal And Preparing Opening For New Glazing, Add	16.22	
08 81 23 23-0087	SF 1/4" Spandrel Glass, 3/4" - 7/8" Insulation 16 Gauge Steel Interfacing, Field Installed Glass	40.33	
	For Glass Removal And Preparing Opening For New Glazing, Add	16.22	

08 83 Mirrors (08 80)

Note: Kind FT, Type I, Class I, Quality Q1.

08 83 13 Mirrored Glass Glazing (08 83)

08 83 13 00-0001	Mirror Glass <small>(08 83 13)</small>		
08 83 13 00-0002	One-Way Vision Glass (Transparent Mirrors) <small>(08 83 13 00-0001)</small>		
08 83 13 00-0003	SF 1/4" One-Way Vision Glass (Transparent Mirrors).....	83.25	7.30
	For >50 To 200, Deduct	-2.06	
	For >200 To 400, Deduct	-3.44	
	For >400, Deduct	-5.51	
08 83 13 00-0004	Tempered, One-Way Vision Glass (Transparent Mirrors) <small>(08 83 13 00-0001)</small>		
08 83 13 00-0005	SF 1/4" Tempered, One-Way Vision Glass (Transparent Mirrors)	125.47	7.30
	For >50 To 200, Deduct	-3.33	
	For >200 To 400, Deduct	-5.55	
	For >400, Deduct	-8.88	
08 83 13 00-0006	Clear Mirror Glass <small>(08 83 13 00-0001)</small>		
08 83 13 00-0007	SF 1/8" Clear Mirror Glass	26.97	5.84
	For >50 To 200, Deduct	-0.46	
	For >200 To 400, Deduct	-0.77	
	For >400, Deduct	-1.22	
08 83 13 00-0008	SF 3/16" Clear Mirror Glass	31.95	6.81
	For >50 To 200, Deduct	-0.56	
	For >200 To 400, Deduct	-0.93	
	For >400, Deduct	-1.48	
08 83 13 00-0009	SF 1/4" Clear Mirror Glass	35.07	7.30
	For >50 To 200, Deduct	-0.62	
	For >200 To 400, Deduct	-1.03	
	For >400, Deduct	-1.65	
08 83 13 00-0010	Tempered, Clear Mirror Glass <small>(08 83 13 00-0001)</small>		
08 83 13 00-0011	SF 1/8" Tempered, Clear Mirror Glass	47.94	5.84
	For >50 To 200, Deduct	-1.09	
	For >200 To 400, Deduct	-1.81	
	For >400, Deduct	-2.90	
08 83 13 00-0012	SF 3/16" Tempered, Clear Mirror Glass	54.38	6.81
	For >50 To 200, Deduct	-1.23	
	For >200 To 400, Deduct	-2.05	
	For >400, Deduct	-3.28	
08 83 13 00-0013	SF 1/4" Tempered, Clear Mirror Glass	60.08	7.30
	For >50 To 200, Deduct	-1.37	
	For >200 To 400, Deduct	-2.28	
	For >400, Deduct	-3.65	
08 83 13 00-0014	Clear Mirror Glass With Laminated Safety Backing <small>(08 83 13 00-0001)</small>		
08 83 13 00-0015	SF 1/4" Clear Mirror Glass With Laminated Safety Backing.....	38.25	7.30
	For >50 To 200, Deduct	-0.71	
	For >200 To 400, Deduct	-1.19	
	For >400, Deduct	-1.91	
08 83 13 00-0016	Laminated Safety Mirror Glass <small>(08 83 13 00-0001)</small>		
	Note: Clear glass laminated to face of mirror with PVB interlayer.		
08 83 13 00-0017	SF 1/4" Laminated Safety Mirror Glass	75.37	7.30
	For >50 To 200, Deduct	-1.83	
	For >200 To 400, Deduct	-3.05	
	For >400, Deduct	-4.88	
08 83 13 00-0018	Accessories For Mirror Glass <small>(08 83 13)</small>		
08 83 13 00-0019	LF 1/8" Aluminum J-Channel For Mounting Mirror Glass.....	5.16	
08 83 13 00-0020	LF 3/16" Aluminum J-Channel For Mounting Mirror Glass.....	5.28	
08 83 13 00-0021	LF 1/4" Aluminum J-Channel For Mounting Mirror Glass.....	6.81	
08 83 13 00-0022	LF Aluminum Frame For Mounting Mirror Glass	8.95	

08 84 Plastic Glazing (08 80)

08 84 00 00-0001	Clear Polycarbonate Glazing (GE Lexan) <small>(08 84)</small>		
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08 Openings**08 80 Glazing****08 84 Plastic Glazing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0002	SF		1/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	18.50	
			<i>For >50 To 200, Deduct</i>	-0.47	
			<i>For >200 To 400, Deduct</i>	-0.93	
			<i>For >400, Deduct</i>	-1.40	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.18	
08 84 00 00-0003	SF		3/16" Thick, Clear Polycarbonate Glazing (GE Lexan)	19.52	
			<i>For >50 To 200, Deduct</i>	-0.50	
			<i>For >200 To 400, Deduct</i>	-1.00	
			<i>For >400, Deduct</i>	-1.50	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.54	
08 84 00 00-0004	SF		1/4" Thick, Clear Polycarbonate Glazing (GE Lexan)	23.44	
			<i>For >50 To 200, Deduct</i>	-0.68	
			<i>For >200 To 400, Deduct</i>	-1.35	
			<i>For >400, Deduct</i>	-2.03	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.92	
08 84 00 00-0005	SF		3/8" Thick, Clear Polycarbonate Glazing (GE Lexan)	34.50	
			<i>For >50 To 200, Deduct</i>	-1.21	
			<i>For >200 To 400, Deduct</i>	-2.43	
			<i>For >400, Deduct</i>	-3.64	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.21	
08 84 00 00-0006	SF		1/2" Thick, Clear Polycarbonate Glazing (GE Lexan)	43.95	
			<i>For >50 To 200, Deduct</i>	-1.65	
			<i>For >200 To 400, Deduct</i>	-3.30	
			<i>For >400, Deduct</i>	-4.95	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.94	
08 84 00 00-0007			Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10) <small>(08 84)</small>		
08 84 00 00-0008	SF		1/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	28.34	
			<i>For >50 To 200, Deduct</i>	-0.96	
			<i>For >200 To 400, Deduct</i>	-1.92	
			<i>For >400, Deduct</i>	-2.87	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.18	
08 84 00 00-0009	SF		3/16" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	33.11	
			<i>For >50 To 200, Deduct</i>	-1.18	
			<i>For >200 To 400, Deduct</i>	-2.36	
			<i>For >400, Deduct</i>	-3.54	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.54	
08 84 00 00-0010	SF		1/4" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	35.00	
			<i>For >50 To 200, Deduct</i>	-1.25	
			<i>For >200 To 400, Deduct</i>	-2.51	
			<i>For >400, Deduct</i>	-3.76	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.92	
08 84 00 00-0011	SF		3/8" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	58.66	
			<i>For >50 To 200, Deduct</i>	-2.42	
			<i>For >200 To 400, Deduct</i>	-4.85	
			<i>For >400, Deduct</i>	-7.27	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.21	
08 84 00 00-0012	SF		1/2" Thick, Mar-Resistant, Clear Polycarbonate Glazing (GE Lexan MR10)	62.29	
			<i>For >50 To 200, Deduct</i>	-2.57	
			<i>For >200 To 400, Deduct</i>	-5.14	
			<i>For >400, Deduct</i>	-7.70	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	10.94	
08 84 00 00-0013			Clear Acrylic Glazing (Plexiglas) <small>(08 84)</small>		
08 84 00 00-0014	SF		1/10" Thick, Clear Acrylic Glazing (Plexiglas)	12.92	
			<i>For >50 To 200, Deduct</i>	-0.21	
			<i>For >200 To 400, Deduct</i>	-0.42	
			<i>For >400, Deduct</i>	-0.62	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	8.76	
			<i>For Colored, Add</i>	0.83	
			<i>For Shatterproof, Add</i>	2.50	
			<i>For Mirrored, Add</i>	3.33	
08 84 00 00-0015	SF		1/8" Thick, Clear Acrylic Glazing (Plexiglas)	13.38	
			<i>For >50 To 200, Deduct</i>	-0.21	
			<i>For >200 To 400, Deduct</i>	-0.42	
			<i>For >400, Deduct</i>	-0.63	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.18	
			<i>For Colored, Add</i>	0.84	
			<i>For Shatterproof, Add</i>	2.52	
			<i>For Mirrored, Add</i>	3.36	
08 84 00 00-0016	SF		3/16" Thick, Clear Acrylic Glazing (Plexiglas)	16.10	
			<i>For >50 To 200, Deduct</i>	-0.33	
			<i>For >200 To 400, Deduct</i>	-0.66	
			<i>For >400, Deduct</i>	-0.98	
			<i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	9.54	
			<i>For Colored, Add</i>	1.31	
			<i>For Shatterproof, Add</i>	3.94	
			<i>For Mirrored, Add</i>	5.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 84 00 00-0017 SF 1/4" Thick, Clear Acrylic Glazing (Plexiglas).....	18.57	
For >50 To 200, Deduct	-0.43	
For >200 To 400, Deduct	-0.87	
For >400, Deduct	-1.30	
For Glass Removal And Preparing Opening For New Glazing, Add	9.92	
For Colored, Add	1.73	
For Shatterproof, Add	5.19	
For Mirrored, Add	6.92	
08 84 00 00-0018 SF 5/16" Thick, Clear Acrylic Glazing (Plexiglas).....	19.04	
For >50 To 200, Deduct	-0.45	
For >200 To 400, Deduct	-0.91	
For >400, Deduct	-1.36	
For Glass Removal And Preparing Opening For New Glazing, Add	9.98	
For Colored, Add	1.81	
For Shatterproof, Add	5.44	
For Mirrored, Add	7.25	
08 84 00 00-0019 SF 3/8" Thick, Clear Acrylic Glazing (Plexiglas).....	19.68	
For >50 To 200, Deduct	-0.47	
For >200 To 400, Deduct	-0.95	
For >400, Deduct	-1.42	
For Glass Removal And Preparing Opening For New Glazing, Add	10.21	
For Colored, Add	1.89	
For Shatterproof, Add	5.68	
For Mirrored, Add	7.58	
08 84 00 00-0020 SF 1/2" Thick, Clear Acrylic Glazing (Plexiglas).....	23.46	
For >50 To 200, Deduct	-0.63	
For >200 To 400, Deduct	-1.25	
For >400, Deduct	-1.88	
For Glass Removal And Preparing Opening For New Glazing, Add	10.94	
For Colored, Add	2.50	
For Shatterproof, Add	7.51	
For Mirrored, Add	10.02	
08 84 00 00-0021 SF 3/4" Thick, Clear Acrylic Glazing (Plexiglas).....	33.35	
For >50 To 200, Deduct	-0.98	
For >200 To 400, Deduct	-1.95	
For >400, Deduct	-2.93	
For Glass Removal And Preparing Opening For New Glazing, Add	13.85	
08 84 00 00-0022 SF 1" Thick, Clear Acrylic Glazing (Plexiglas).....	45.05	
For >50 To 200, Deduct	-1.50	
For >200 To 400, Deduct	-3.00	
For >400, Deduct	-4.50	
For Glass Removal And Preparing Opening For New Glazing, Add	15.05	

08 85 Glazing Accessories (08 80)

Note: Applicable to reglazing tasks only, new window installation includes the gasket.

08 85 00 00-0001 Framing For Glass Windscreens <small>(08 85)</small>		
Note: Excludes glazing.		
08 85 00 00-0002 LF 1-1/4" x 1-1/2" Aluminum Framed Window Walls	41.11	2.09
For Bronze Anodized Aluminum, Add	5.30	
For Stainless Steel, Add	21.50	
For Black Anodized Finish, Add	9.55	
08 85 00 00-0003 LF 1-1/2" x 2" Aluminum Framed Window Walls.....	51.21	2.61
For Bronze Anodized Aluminum, Add	6.74	
For Stainless Steel, Add	27.28	
For Black Anodized Finish, Add	12.13	
08 85 00 00-0004 LF 1-1/2" x 3" Aluminum Framed Window Walls.....	61.03	2.09
For Bronze Anodized Aluminum, Add	8.06	
For Stainless Steel, Add	32.59	
For Black Anodized Finish, Add	14.50	
08 85 00 00-0005 LF 1-1/2" x 4" Aluminum Framed Window Walls.....	73.60	3.13
For Bronze Anodized Aluminum, Add	9.63	
For Stainless Steel, Add	38.98	
For Black Anodized Finish, Add	17.33	
08 85 00 00-0006 LF 2" x 3" Aluminum Framed Window Walls.....	76.08	2.61
For Bronze Anodized Aluminum, Add	10.24	
For Stainless Steel, Add	41.34	
For Black Anodized Finish, Add	18.42	
08 85 00 00-0007 LF 2" x 4" Aluminum Framed Window Walls.....	91.96	3.13
For Bronze Anodized Aluminum, Add	12.23	
For Stainless Steel, Add	49.43	
For Black Anodized Finish, Add	22.01	

08 87 Glazing Surface Films (08 80)

08 87 13 Solar Control Films (08 87)

Note: Applied directly to one side of glazing with adhesive.

08 87 13 00-0001 Window Tinting And Film <small>(08 87 13)</small>		
Note: Applied directly to one side of glazing with adhesive. Includes cleaning of window glazing prior to installation.		
08 87 13 00-0002 SF 20% VLT, Bronze Window Tinting Film	9.60	
08 87 13 00-0003 SF 50% VLT, Bronze Window Tinting Film	9.60	
08 87 13 00-0004 SF Tinted, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	15.24	
08 87 13 00-0005 SF Low E, Abrasion Resistant, Solar Control Window Film (3M Scotchtint™).....	15.86	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

08 87 13 00-0006 SF Window Tinting (Vista by Lumar Harmony Terre V51 SR CDF)..... 31.34

08 87 23 Safety and Security Films (08 87)

08 87 23 16 Security Films (08 87 23)

Note: Applied directly to one side of glazing with adhesive and secured at window frame with clear silicone adhesive.

08 87 23 16-0001	High Performance, Security And Safety Glazing Films (08 87 23 16)		
	Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0002	Clear, High Performance, Security And Safety Glazing Films (08 87 23 16-0001)		
08 87 23 16-0003	SF 0.002" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL150).....	15.53	
	For >1,000 To 5,000, Deduct	-0.70	
	For >5,000, Deduct	-1.04	
08 87 23 16-0004	SF 0.004" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ SCLARL400).....	16.69	
	For >1,000 To 5,000, Deduct	-0.74	
	For >5,000, Deduct	-1.16	
08 87 23 16-0005	SF 0.006" Clear, High Performance, Security And Safety Glazing Film (3M Scotchshield™ Ultra600).....	18.31	
	For >1,000 To 5,000, Deduct	-0.80	
	For >5,000, Deduct	-1.32	
08 87 23 16-0006	Tinted, High Performance Sun/Solar, Security And Safety Glazing Films (08 87 23 16-0001)		
08 87 23 16-0007	SF 0.004" Silver, 20% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S20SIAR400).....	17.98	
	For >1,000 To 5,000, Deduct	-0.79	
	For >5,000, Deduct	-1.29	
08 87 23 16-0008	SF 0.004" Neutral, 35% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S35NEAR400).....	17.98	
	For >1,000 To 5,000, Deduct	-0.79	
	For >5,000, Deduct	-1.29	
08 87 23 16-0009	SF 0.004" Neutral, 50% Transmission, High Performance Sun/Solar, Security And Safety Glazing Film (3M Scotchshield™ S50NEAR400).....	17.98	
	For >1,000 To 5,000, Deduct	-0.79	
	For >5,000, Deduct	-1.29	
08 87 23 16-0010	Security And Safety Glazing Films (08 87 23 16)		
	Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0011	SF 0.007" Clear Security And Safety Glazing Film (3M Scotchshield™ SH7CLARL).....	14.24	
	For >1,000 To 5,000, Deduct	-0.65	
	For >5,000, Deduct	-0.92	
08 87 23 16-0012	SF 0.008" Clear Security And Safety Glazing Film (3M Scotchshield™ SH8CLARL).....	14.55	
	For >1,000 To 5,000, Deduct	-0.66	
	For >5,000, Deduct	-0.95	
08 87 23 16-0013	SF 0.014" Clear Security And Safety Glazing Film (3M Scotchshield™ SH14CLARL).....	17.48	
	For >1,000 To 5,000, Deduct	-0.77	
	For >5,000, Deduct	-1.24	
08 87 23 16-0014	Anti-Graffiti Glazing Films (08 87 23 16)		
	Note: Includes cleaning of window glazing prior to installation.		
08 87 23 16-0015	SF 0.004" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-4).....	14.24	
	For >1,000 To 5,000, Deduct	-0.65	
	For >5,000, Deduct	-0.92	
08 87 23 16-0016	SF 0.007" Clear Anti-Graffiti Glazing Film (3M Scotchgard™ AG-7).....	14.55	
	For >1,000 To 5,000, Deduct	-0.66	
	For >5,000, Deduct	-0.95	

08 88 Special Function Glazing (08 88)

08 88 49 Radiation-Resistant Glazing (08 88)

08 88 49 00-0001	Leaded Glass (X-Ray Shielding) (08 88 49)		
08 88 49 00-0002	SF 1/4" Thick Lead Glass With 1/16" Lead Equivalence.....	356.66	
08 88 49 00-0003	SF 1/4" Thick Lead Glass With 1/8" Lead Equivalence.....	532.05	

08 88 49 00-0004 Leaded Acrylic (X-Ray Shielding) (08 88 49)

08 88 49 00-0005	SF 7mm Thick, 0.3mm LE, 2.3 LB/SF X-Ray Viewing Panels, Clear Lead Plastic.....	380.00	5.84
08 88 49 00-0006	SF 12mm Thick, 0.5mm LE, 3.9 LB/SF X-Ray Viewing Panels, Clear Lead Plastic.....	513.58	9.73
08 88 49 00-0007	SF 18mm Thick, 0.8mm LE, 5.9 LB/SF X-Ray Viewing Panels, Clear Lead Plastic.....	572.71	14.60
08 88 49 00-0008	SF 22mm Thick, 1mm LE, 7.2 LB/SF X-Ray Viewing Panels, Clear Lead Plastic.....	592.02	17.52
08 88 49 00-0009	SF 35mm Thick, 1.5mm LE, 11.5 LB/SF X-Ray Viewing Panels, Clear Lead Plastic.....	679.84	27.74
08 88 49 00-0010	SF 46mm Thick, 2mm LE, 15 LB/SF X-Ray Viewing Panels, Clear Lead Plastic.....	895.97	36.98

08 88 53 Security Glazing (08 88)

08 88 53 00-0001	Forced Entry And/Or Ballistic Resistant All Glass Laminate (08 88 53)		
08 88 53 00-0002	Ballistic Resistant Glass (08 88 53 00-0001)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0003 SF 1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, Up To 15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	134.55 60.33	
08 88 53 00-0004 SF 1.28" All Glass Laminate Ballistic Resistant Glass, 16.2 LB/SF, For A Single Piece, >15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	159.70 60.33	
08 88 53 00-0005 SF 1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, Up To 15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	181.19 68.13	
08 88 53 00-0006 SF 1.55" All Glass Laminate Ballistic Resistant Glass, 21.2 LB/SF, For A Single Piece, >15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	202.19 68.13	
08 88 53 00-0007 SF 2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, Up To 15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	229.73 77.85	
08 88 53 00-0008 SF 2.05" All Glass Laminate Ballistic Resistant Glass, 26.1 LB/SF, For A Single Piece, >15 SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	246.61 77.85	
08 88 53 00-0009 Forced Entry Resistant Glass <small>(08 88 53 00-0001)</small>		
08 88 53 00-0010 SF 5/16" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	50.80 15.20	
08 88 53 00-0011 SF 1/2" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	57.84 16.22	
08 88 53 00-0012 SF 11/16" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	66.15 17.38	
08 88 53 00-0013 SF 7/8" Forced Entry Resistant Laminated Glass Sheet <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	80.41 18.71	
08 88 53 00-0014 Glass Clad Polycarbonate <small>(08 88 53)</small>		
08 88 53 00-0015 SF 0.75" Ballistic Resistant Glass/Poly, 7.84 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	199.15 73.96	
08 88 53 00-0016 SF 0.8125" Ballistic Resistant Glass/Poly, 8.99 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	222.21 85.64	
08 88 53 00-0017 SF 0.9375" Ballistic Resistant Glass/Poly, 11.11 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	285.91 97.32	
08 88 53 00-0018 Ballistic Resistant Acrylic <small>(08 88 53)</small>		
08 88 53 00-0019 SF 1.25" Ballistic Resistant Acrylic Glass, 7.7 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	350.35 73.96	
08 88 53 00-0020 SF 1.378" Ballistic Resistant Acrylic Glass, 8.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	410.80 85.64	
08 88 53 00-0021 SF 1.25" Ballistic Resistant Acrylic Glass, 7.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	552.54 97.32	
08 88 53 00-0022 Ballistic Resistant Fiberglass <small>(08 88 53)</small>		
08 88 53 00-0023 SF 5/16" Ballistic Resistant Fiberglass, Level 1, 3.2 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	83.15 36.98	
08 88 53 00-0024 SF 3/8" Ballistic Resistant Fiberglass, Level 2, 3.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	98.52 42.82	
08 88 53 00-0025 SF 7/16" Ballistic Resistant Fiberglass, Level 3, 4.5 LB/SF <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	111.74 48.66	
08 88 53 00-0026 Forced Entry And/Or Ballistic Resistant Polycarbonate <small>(08 88 53)</small>		
08 88 53 00-0027 Forced Entry Resistant Monolithic Polycarbonate <small>(08 88 53 00-0026)</small> Note: GE-Lexan MR10.		
08 88 53 00-0028 SF 1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level 1 or ASTM F1233, Class II (Step 5). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	111.63 58.98	
08 88 53 00-0029 Forced Entry Resistant Glass Clad Polycarbonate Laminate <small>(08 88 53 00-0026)</small> Note: Chemically strengthened clear glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0030 SF 9/16" Overall Nominal Thickness, H.P. White TP-0500.01 <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	137.99 72.99	
08 88 53 00-0031 Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small> Note: GE-Lexgard MPC-500.		
08 88 53 00-0032 SF 1/2" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level II (Step 12) Or ASTM 1233 Class III (Step 15). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	171.68 77.85	
08 88 53 00-0033 Fire Resistant, Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small> Note: Wire glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Firegard.		
08 88 53 00-0034 SF 7/8" Overall Nominal Thickness, H.P. White TP-0500.01 Note: UL-9 Fire Resistant. <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	188.61 82.72	

08	08	Openings
	08 80	Glazing
	08 88	Special Function Glazing

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 88 53 00-0035 Insulated, Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small> Note: Glass clad. Chemically strengthened wire glass laminated to each side of a polycarbonate core. GE-Insulgard.		
08 88 53 00-0036 SF 1-5/16" Overall Nominal Thickness, H.P. White TP-0500.01 Note: Level I (1/4" tempered float glass, 1/2" airspace). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	161.23 72.99	
08 88 53 00-0037 Ballistic And Forced Entry Resistant Polycarbonate Laminate <small>(08 88 53 00-0026)</small>		
08 88 53 00-0038 SF 1" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (step 42) or ASTM 1233 class V (Step 40) ballistic resistance: UL 752, level 2-high powered small arms (.357 Magnum handgun). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	373.17 161.54	
08 88 53 00-0039 SF 1-1/4" Nominal Thickness, Ballistic Or Forced Entry Resistant..... Note: 1 1/4" is the overall nominal thickness. (GE-Lexgard MP-1000) forced entry resistance: H.P. White TP-0500.01, level V (Step 42) or ASTM 1233 class V (step 40) ballistic resistance: UL 752, level 3-super high powered small arms (.44 Magnum handgun). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	378.17 161.54	
08 88 53 00-0040 Ballistic Resistant Glass Clad Polycarbonate Laminate <small>(08 88 53 00-0026)</small> Note: Chemically strengthened clear glass laminated to attack side of a polycarbonate core.		
08 88 53 00-0041 SF 1-5/16" Overall Nominal Thickness, Ballistic Resistant..... Note: UL 752, Level 4 - Super High Powered Rifle (.30-06 Rifle), (GE-Armor-Gard). <i>For Glass Removal And Preparing Opening For New Glazing, Add</i>	248.11 108.99	

08 90 Louvers and Vents (08)

08 91 Louvers (08 90)

08 91 13 Motorized Wall Louvers (08 91)

08 91 13 00-0001 Motorized Wall Louver Actuator <small>(08 91 13)</small> See CSI section 08 91 16 00-0001 for adjustable intake wall louvers.		
08 91 13 00-0002 EA 115 Volt Actuator For Adjustable Intake Louver.....	1,970.55	129.53
08 91 13 00-0003 EA 230 Volt Actuator For Adjustable Intake Louver.....	2,988.24	129.53
08 91 13 00-0004 EA 24 Volt Actuator For Adjustable Intake Louver.....	2,115.61	129.53
08 91 13 00-0005 EA 115 Volt Hazardous Location Actuator For Adjustable Intake Louver.....	8,089.13	129.53

08 91 16 Operable Wall Louvers (08 91)

08 91 16 00-0001 Adjustable Intake Wall Louvers <small>(08 91 16)</small> See CSI section 08 91 16 00-0137 for adjustable intake wall louver operators.		
08 91 16 00-0002 EA 12" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	534.36 46.58 93.16 139.73 186.31 256.18	34.29
08 91 16 00-0003 EA 12" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	667.46 58.36 116.73 175.09 233.46 321.00	41.91
08 91 16 00-0004 EA 12" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	789.22 69.02 138.03 207.05 276.07 379.59	49.53
08 91 16 00-0005 EA 12" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	923.45 80.92 161.83 242.75 323.66 445.04	57.15
08 91 16 00-0006 EA 12" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	1,040.69 91.12 182.23 273.35 364.46 501.14	64.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0007 EA 12" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,227.05	72.39
<i>For Flange Frame, Add</i>	108.23	
<i>For Clear Lacquer Finish, Add</i>	216.46	
<i>For Baked Enamel Standard Colors, Add</i>	324.68	
<i>For Anodized Finish, Add</i>	432.91	
<i>For Kynar® Standard Colors Finish, Add</i>	595.25	
08 91 16 00-0008 EA 12" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,397.56	80.01
<i>For Flange Frame, Add</i>	123.75	
<i>For Clear Lacquer Finish, Add</i>	247.51	
<i>For Baked Enamel Standard Colors, Add</i>	371.26	
<i>For Anodized Finish, Add</i>	495.02	
<i>For Kynar® Standard Colors Finish, Add</i>	680.65	
08 91 16 00-0009 EA 12" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,553.02	91.44
<i>For Flange Frame, Add</i>	137.01	
<i>For Clear Lacquer Finish, Add</i>	274.03	
<i>For Baked Enamel Standard Colors, Add</i>	411.04	
<i>For Anodized Finish, Add</i>	548.06	
<i>For Kynar® Standard Colors Finish, Add</i>	753.58	
08 91 16 00-0010 EA 12" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,657.78	99.05
<i>For Flange Frame, Add</i>	145.97	
<i>For Clear Lacquer Finish, Add</i>	291.93	
<i>For Baked Enamel Standard Colors, Add</i>	437.90	
<i>For Anodized Finish, Add</i>	583.86	
<i>For Kynar® Standard Colors Finish, Add</i>	802.81	
08 91 16 00-0011 EA 12" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,788.62	106.67
<i>For Flange Frame, Add</i>	157.53	
<i>For Clear Lacquer Finish, Add</i>	315.05	
<i>For Baked Enamel Standard Colors, Add</i>	472.58	
<i>For Anodized Finish, Add</i>	630.10	
<i>For Kynar® Standard Colors Finish, Add</i>	866.39	
08 91 16 00-0012 EA 12" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,903.59	114.29
<i>For Flange Frame, Add</i>	167.50	
<i>For Clear Lacquer Finish, Add</i>	335.00	
<i>For Baked Enamel Standard Colors, Add</i>	502.50	
<i>For Anodized Finish, Add</i>	670.00	
<i>For Kynar® Standard Colors Finish, Add</i>	921.24	
08 91 16 00-0013 EA 12" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,050.29	121.91
<i>For Flange Frame, Add</i>	180.65	
<i>For Clear Lacquer Finish, Add</i>	361.29	
<i>For Baked Enamel Standard Colors, Add</i>	541.94	
<i>For Anodized Finish, Add</i>	722.58	
<i>For Kynar® Standard Colors Finish, Add</i>	993.55	
08 91 16 00-0014 EA 12" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,191.32	129.53
<i>For Flange Frame, Add</i>	193.22	
<i>For Clear Lacquer Finish, Add</i>	386.45	
<i>For Baked Enamel Standard Colors, Add</i>	579.67	
<i>For Anodized Finish, Add</i>	772.90	
<i>For Kynar® Standard Colors Finish, Add</i>	1,062.73	
08 91 16 00-0015 EA 12" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,367.18	140.96
<i>For Flange Frame, Add</i>	208.52	
<i>For Clear Lacquer Finish, Add</i>	417.05	
<i>For Baked Enamel Standard Colors, Add</i>	625.57	
<i>For Anodized Finish, Add</i>	834.10	
<i>For Kynar® Standard Colors Finish, Add</i>	1,146.88	
08 91 16 00-0016 EA 12" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,497.69	152.39
<i>For Flange Frame, Add</i>	219.29	
<i>For Clear Lacquer Finish, Add</i>	438.58	
<i>For Baked Enamel Standard Colors, Add</i>	657.87	
<i>For Anodized Finish, Add</i>	877.16	
<i>For Kynar® Standard Colors Finish, Add</i>	1,206.10	
08 91 16 00-0017 EA 18" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	600.60	41.91
<i>For Flange Frame, Add</i>	51.68	
<i>For Clear Lacquer Finish, Add</i>	103.36	
<i>For Baked Enamel Standard Colors, Add</i>	155.03	
<i>For Anodized Finish, Add</i>	206.71	
<i>For Kynar® Standard Colors Finish, Add</i>	284.23	
08 91 16 00-0018 EA 18" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	758.31	53.34
<i>For Flange Frame, Add</i>	65.16	
<i>For Clear Lacquer Finish, Add</i>	130.33	
<i>For Baked Enamel Standard Colors, Add</i>	195.49	
<i>For Anodized Finish, Add</i>	260.66	
<i>For Kynar® Standard Colors Finish, Add</i>	358.40	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0019	EA		18" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum.....	889.14	60.96
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	76.72	
			<i>For Clear Lacquer Finish, Add</i>	153.45	
			<i>For Baked Enamel Standard Colors, Add</i>	230.17	
			<i>For Anodized Finish, Add</i>	306.89	
			<i>For Kynar® Standard Colors Finish, Add</i>	421.98	
08 91 16 00-0020	EA		18" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum.....	1,106.61	76.20
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	95.42	
			<i>For Clear Lacquer Finish, Add</i>	190.84	
			<i>For Baked Enamel Standard Colors, Add</i>	286.27	
			<i>For Anodized Finish, Add</i>	361.69	
			<i>For Kynar® Standard Colors Finish, Add</i>	524.82	
08 91 16 00-0021	EA		18" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum.....	1,257.86	83.82
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	109.02	
			<i>For Clear Lacquer Finish, Add</i>	218.04	
			<i>For Baked Enamel Standard Colors, Add</i>	327.07	
			<i>For Anodized Finish, Add</i>	436.09	
			<i>For Kynar® Standard Colors Finish, Add</i>	599.62	
08 91 16 00-0022	EA		18" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,409.09	91.44
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	122.62	
			<i>For Clear Lacquer Finish, Add</i>	245.24	
			<i>For Baked Enamel Standard Colors, Add</i>	367.86	
			<i>For Anodized Finish, Add</i>	490.48	
			<i>For Kynar® Standard Colors Finish, Add</i>	674.42	
08 91 16 00-0023	EA		18" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	1,589.79	99.05
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	139.17	
			<i>For Clear Lacquer Finish, Add</i>	278.33	
			<i>For Baked Enamel Standard Colors, Add</i>	417.50	
			<i>For Anodized Finish, Add</i>	556.67	
			<i>For Kynar® Standard Colors Finish, Add</i>	765.42	
08 91 16 00-0024	EA		18" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	1,763.37	110.48
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	154.24	
			<i>For Clear Lacquer Finish, Add</i>	308.48	
			<i>For Baked Enamel Standard Colors, Add</i>	462.72	
			<i>For Anodized Finish, Add</i>	616.96	
			<i>For Kynar® Standard Colors Finish, Add</i>	848.31	
08 91 16 00-0025	EA		18" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	1,902.96	121.91
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	165.91	
			<i>For Clear Lacquer Finish, Add</i>	331.82	
			<i>For Baked Enamel Standard Colors, Add</i>	497.74	
			<i>For Anodized Finish, Add</i>	663.65	
			<i>For Kynar® Standard Colors Finish, Add</i>	912.52	
08 91 16 00-0026	EA		18" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,036.06	129.53
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	177.70	
			<i>For Clear Lacquer Finish, Add</i>	355.40	
			<i>For Baked Enamel Standard Colors, Add</i>	533.09	
			<i>For Anodized Finish, Add</i>	710.79	
			<i>For Kynar® Standard Colors Finish, Add</i>	977.34	
08 91 16 00-0027	EA		18" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,161.23	137.15
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	188.69	
			<i>For Clear Lacquer Finish, Add</i>	377.38	
			<i>For Baked Enamel Standard Colors, Add</i>	566.07	
			<i>For Anodized Finish, Add</i>	754.76	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,037.80	
08 91 16 00-0028	EA		18" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	2,322.66	144.77
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	203.31	
			<i>For Clear Lacquer Finish, Add</i>	406.62	
			<i>For Baked Enamel Standard Colors, Add</i>	609.93	
			<i>For Anodized Finish, Add</i>	813.24	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,118.21	
08 91 16 00-0029	EA		18" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	2,478.42	152.39
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	217.36	
			<i>For Clear Lacquer Finish, Add</i>	434.73	
			<i>For Baked Enamel Standard Colors, Add</i>	652.09	
			<i>For Anodized Finish, Add</i>	869.45	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,195.50	
08 91 16 00-0030	EA		18" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	2,669.01	163.83
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	234.14	
			<i>For Clear Lacquer Finish, Add</i>	468.27	
			<i>For Baked Enamel Standard Colors, Add</i>	702.41	
			<i>For Anodized Finish, Add</i>	936.54	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,287.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0031 EA 18" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,814.26	175.26
<i>For Flange Frame, Add</i>	246.38	
<i>For Clear Lacquer Finish, Add</i>	492.75	
<i>For Baked Enamel Standard Colors, Add</i>	739.13	
<i>For Anodized Finish, Add</i>	985.50	
<i>For Kynar® Standard Colors Finish, Add</i>	1,355.06	
08 91 16 00-0032 EA 24" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	672.49	49.53
<i>For Flange Frame, Add</i>	57.34	
<i>For Clear Lacquer Finish, Add</i>	114.69	
<i>For Baked Enamel Standard Colors, Add</i>	172.03	
<i>For Anodized Finish, Add</i>	229.38	
<i>For Kynar® Standard Colors Finish, Add</i>	315.39	
08 91 16 00-0033 EA 24" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	852.88	60.96
<i>For Flange Frame, Add</i>	73.10	
<i>For Clear Lacquer Finish, Add</i>	146.19	
<i>For Baked Enamel Standard Colors, Add</i>	219.29	
<i>For Anodized Finish, Add</i>	292.39	
<i>For Kynar® Standard Colors Finish, Add</i>	402.03	
08 91 16 00-0034 EA 24" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,055.93	72.39
<i>For Flange Frame, Add</i>	91.12	
<i>For Clear Lacquer Finish, Add</i>	182.23	
<i>For Baked Enamel Standard Colors, Add</i>	273.35	
<i>For Anodized Finish, Add</i>	364.46	
<i>For Kynar® Standard Colors Finish, Add</i>	501.14	
08 91 16 00-0035 EA 24" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,246.21	87.63
<i>For Flange Frame, Add</i>	107.10	
<i>For Clear Lacquer Finish, Add</i>	214.19	
<i>For Baked Enamel Standard Colors, Add</i>	321.29	
<i>For Anodized Finish, Add</i>	428.38	
<i>For Kynar® Standard Colors Finish, Add</i>	589.02	
08 91 16 00-0036 EA 24" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,412.18	95.25
<i>For Flange Frame, Add</i>	122.17	
<i>For Clear Lacquer Finish, Add</i>	244.34	
<i>For Baked Enamel Standard Colors, Add</i>	366.50	
<i>For Anodized Finish, Add</i>	488.67	
<i>For Kynar® Standard Colors Finish, Add</i>	671.92	
08 91 16 00-0037 EA 24" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,587.21	102.86
<i>For Flange Frame, Add</i>	138.15	
<i>For Clear Lacquer Finish, Add</i>	276.29	
<i>For Baked Enamel Standard Colors, Add</i>	414.44	
<i>For Anodized Finish, Add</i>	552.59	
<i>For Kynar® Standard Colors Finish, Add</i>	759.81	
08 91 16 00-0038 EA 24" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,803.86	114.29
<i>For Flange Frame, Add</i>	157.53	
<i>For Clear Lacquer Finish, Add</i>	315.05	
<i>For Baked Enamel Standard Colors, Add</i>	472.58	
<i>For Anodized Finish, Add</i>	630.10	
<i>For Kynar® Standard Colors Finish, Add</i>	866.39	
08 91 16 00-0039 EA 24" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,988.47	129.53
<i>For Flange Frame, Add</i>	172.94	
<i>For Clear Lacquer Finish, Add</i>	345.88	
<i>For Baked Enamel Standard Colors, Add</i>	518.82	
<i>For Anodized Finish, Add</i>	691.76	
<i>For Kynar® Standard Colors Finish, Add</i>	951.16	
08 91 16 00-0040 EA 24" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,130.63	137.15
<i>For Flange Frame, Add</i>	185.63	
<i>For Clear Lacquer Finish, Add</i>	371.26	
<i>For Baked Enamel Standard Colors, Add</i>	556.89	
<i>For Anodized Finish, Add</i>	742.52	
<i>For Kynar® Standard Colors Finish, Add</i>	1,020.97	
08 91 16 00-0041 EA 24" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,288.03	152.39
<i>For Flange Frame, Add</i>	198.32	
<i>For Clear Lacquer Finish, Add</i>	396.65	
<i>For Baked Enamel Standard Colors, Add</i>	594.97	
<i>For Anodized Finish, Add</i>	793.30	
<i>For Kynar® Standard Colors Finish, Add</i>	1,090.78	
08 91 16 00-0042 EA 24" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,432.46	160.02
<i>For Flange Frame, Add</i>	211.24	
<i>For Clear Lacquer Finish, Add</i>	422.49	
<i>For Baked Enamel Standard Colors, Add</i>	633.73	
<i>For Anodized Finish, Add</i>	844.97	
<i>For Kynar® Standard Colors Finish, Add</i>	1,161.84	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 91 16 00-0043	EA	24" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,627.90		167.64
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	229.26		
		<i>For Clear Lacquer Finish, Add</i>	458.53		
		<i>For Baked Enamel Standard Colors, Add</i>	687.79		
		<i>For Anodized Finish, Add</i>	917.05		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,260.95		
08 91 16 00-0044	EA	24" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	2,793.86		175.26
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	244.34		
		<i>For Clear Lacquer Finish, Add</i>	488.67		
		<i>For Baked Enamel Standard Colors, Add</i>	733.01		
		<i>For Anodized Finish, Add</i>	977.34		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,343.84		
08 91 16 00-0045	EA	24" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,003.71		186.69
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	263.03		
		<i>For Clear Lacquer Finish, Add</i>	526.07		
		<i>For Baked Enamel Standard Colors, Add</i>	789.10		
		<i>For Anodized Finish, Add</i>	1,052.14		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,446.69		
08 91 16 00-0046	EA	24" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,159.17		198.12
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	276.29		
		<i>For Clear Lacquer Finish, Add</i>	552.59		
		<i>For Baked Enamel Standard Colors, Add</i>	828.88		
		<i>For Anodized Finish, Add</i>	1,105.18		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,519.62		
08 91 16 00-0047	EA	30" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	750.06		57.15
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	63.58		
		<i>For Clear Lacquer Finish, Add</i>	127.15		
		<i>For Baked Enamel Standard Colors, Add</i>	190.73		
		<i>For Anodized Finish, Add</i>	254.31		
		<i>For Kynar® Standard Colors Finish, Add</i>	349.67		
08 91 16 00-0048	EA	30" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	998.95		76.20
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	84.66		
		<i>For Clear Lacquer Finish, Add</i>	169.31		
		<i>For Baked Enamel Standard Colors, Add</i>	253.97		
		<i>For Anodized Finish, Add</i>	338.62		
		<i>For Kynar® Standard Colors Finish, Add</i>	465.61		
08 91 16 00-0049	EA	30" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,185.01		87.63
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	100.98		
		<i>For Clear Lacquer Finish, Add</i>	201.95		
		<i>For Baked Enamel Standard Colors, Add</i>	302.93		
		<i>For Anodized Finish, Add</i>	403.90		
		<i>For Kynar® Standard Colors Finish, Add</i>	555.36		
08 91 16 00-0050	EA	30" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,388.06		99.05
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	118.99		
		<i>For Clear Lacquer Finish, Add</i>	237.99		
		<i>For Baked Enamel Standard Colors, Add</i>	356.98		
		<i>For Anodized Finish, Add</i>	475.98		
		<i>For Kynar® Standard Colors Finish, Add</i>	654.47		
08 91 16 00-0051	EA	30" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,568.76		106.67
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	135.54		
		<i>For Clear Lacquer Finish, Add</i>	271.08		
		<i>For Baked Enamel Standard Colors, Add</i>	406.62		
		<i>For Anodized Finish, Add</i>	542.16		
		<i>For Kynar® Standard Colors Finish, Add</i>	745.47		
08 91 16 00-0052	EA	30" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	1,757.08		118.10
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	152.09		
		<i>For Clear Lacquer Finish, Add</i>	304.17		
		<i>For Baked Enamel Standard Colors, Add</i>	456.26		
		<i>For Anodized Finish, Add</i>	608.34		
		<i>For Kynar® Standard Colors Finish, Add</i>	836.47		
08 91 16 00-0053	EA	30" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	1,980.85		125.72
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	172.94		
		<i>For Clear Lacquer Finish, Add</i>	345.88		
		<i>For Baked Enamel Standard Colors, Add</i>	518.82		
		<i>For Anodized Finish, Add</i>	691.76		
		<i>For Kynar® Standard Colors Finish, Add</i>	951.16		
08 91 16 00-0054	EA	30" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,173.70		137.15
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	189.94		
		<i>For Clear Lacquer Finish, Add</i>	379.88		
		<i>For Baked Enamel Standard Colors, Add</i>	569.81		
		<i>For Anodized Finish, Add</i>	759.75		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,044.66		

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
08 91 16 00-0055 EA 30" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,331.73	144.77
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	204.22	
For Clear Lacquer Finish, Add	408.43	
For Baked Enamel Standard Colors, Add	612.65	
For Anodized Finish, Add	816.87	
For Kynar® Standard Colors Finish, Add	1,123.19	
08 91 16 00-0056 EA 30" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	2,507.26	160.02
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	218.72	
For Clear Lacquer Finish, Add	437.45	
For Baked Enamel Standard Colors, Add	656.17	
For Anodized Finish, Add	874.89	
For Kynar® Standard Colors Finish, Add	1,202.98	
08 91 16 00-0057 EA 30" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	2,674.05	171.45
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	233.12	
For Clear Lacquer Finish, Add	466.23	
For Baked Enamel Standard Colors, Add	699.35	
For Anodized Finish, Add	932.46	
For Kynar® Standard Colors Finish, Add	1,282.14	
08 91 16 00-0058 EA 30" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum	2,881.94	179.07
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	252.38	
For Clear Lacquer Finish, Add	504.76	
For Baked Enamel Standard Colors, Add	757.14	
For Anodized Finish, Add	1,009.52	
For Kynar® Standard Colors Finish, Add	1,388.10	
08 91 16 00-0059 EA 30" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum	3,062.64	186.69
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	268.93	
For Clear Lacquer Finish, Add	537.85	
For Baked Enamel Standard Colors, Add	806.78	
For Anodized Finish, Add	1,075.71	
For Kynar® Standard Colors Finish, Add	1,479.10	
08 91 16 00-0060 EA 30" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum	3,282.69	198.12
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	288.65	
For Clear Lacquer Finish, Add	577.29	
For Baked Enamel Standard Colors, Add	865.94	
For Anodized Finish, Add	1,154.58	
For Kynar® Standard Colors Finish, Add	1,587.55	
08 91 16 00-0061 EA 30" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	3,458.55	209.55
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	303.95	
For Clear Lacquer Finish, Add	607.89	
For Baked Enamel Standard Colors, Add	911.84	
For Anodized Finish, Add	1,215.78	
For Kynar® Standard Colors Finish, Add	1,671.70	
08 91 16 00-0062 EA 36" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	821.96	64.77
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	69.24	
For Clear Lacquer Finish, Add	138.49	
For Baked Enamel Standard Colors, Add	207.73	
For Anodized Finish, Add	276.97	
For Kynar® Standard Colors Finish, Add	380.84	
08 91 16 00-0063 EA 36" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,111.66	83.82
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	94.40	
For Clear Lacquer Finish, Add	188.80	
For Baked Enamel Standard Colors, Add	283.21	
For Anodized Finish, Add	377.61	
For Kynar® Standard Colors Finish, Add	519.21	
08 91 16 00-0064 EA 36" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,298.85	95.25
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	110.84	
For Clear Lacquer Finish, Add	221.67	
For Baked Enamel Standard Colors, Add	332.51	
For Anodized Finish, Add	443.34	
For Kynar® Standard Colors Finish, Add	609.59	
08 91 16 00-0065 EA 36" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,521.17	106.67
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	130.78	
For Clear Lacquer Finish, Add	261.56	
For Baked Enamel Standard Colors, Add	392.34	
For Anodized Finish, Add	523.12	
For Kynar® Standard Colors Finish, Add	719.30	
08 91 16 00-0066 EA 36" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	1,726.44	115.82
Note: Includes bird screen. Excludes actuator.		
For Flange Frame, Add	149.48	
For Clear Lacquer Finish, Add	298.96	
For Baked Enamel Standard Colors, Add	448.44	
For Anodized Finish, Add	597.92	
For Kynar® Standard Colors Finish, Add	822.14	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0067	EA		36" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum.....	1,919.65	125.72
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	166.82	
			<i>For Clear Lacquer Finish, Add</i>	333.64	
			<i>For Baked Enamel Standard Colors, Add</i>	500.46	
			<i>For Anodized Finish, Add</i>	667.28	
			<i>For Kynar® Standard Colors Finish, Add</i>	917.50	
08 91 16 00-0068	EA		36" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum.....	2,169.48	133.34
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	190.28	
			<i>For Clear Lacquer Finish, Add</i>	380.56	
			<i>For Baked Enamel Standard Colors, Add</i>	570.83	
			<i>For Anodized Finish, Add</i>	761.11	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,046.53	
08 91 16 00-0069	EA		36" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum.....	2,386.13	144.77
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	209.66	
			<i>For Clear Lacquer Finish, Add</i>	419.31	
			<i>For Baked Enamel Standard Colors, Add</i>	628.97	
			<i>For Anodized Finish, Add</i>	838.63	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,153.11	
08 91 16 00-0070	EA		36" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum.....	2,563.10	156.21
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	225.07	
			<i>For Clear Lacquer Finish, Add</i>	450.14	
			<i>For Baked Enamel Standard Colors, Add</i>	675.21	
			<i>For Anodized Finish, Add</i>	900.28	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,237.88	
08 91 16 00-0071	EA		36" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum.....	2,744.62	167.64
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	240.94	
			<i>For Clear Lacquer Finish, Add</i>	481.87	
			<i>For Baked Enamel Standard Colors, Add</i>	722.81	
			<i>For Anodized Finish, Add</i>	963.74	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,325.14	
08 91 16 00-0072	EA		36" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum.....	2,931.81	179.07
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	257.37	
			<i>For Clear Lacquer Finish, Add</i>	514.74	
			<i>For Baked Enamel Standard Colors, Add</i>	772.10	
			<i>For Anodized Finish, Add</i>	1,029.47	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,415.52	
08 91 16 00-0073	EA		36" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum.....	3,158.97	186.69
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	278.56	
			<i>For Clear Lacquer Finish, Add</i>	557.12	
			<i>For Baked Enamel Standard Colors, Add</i>	835.68	
			<i>For Anodized Finish, Add</i>	1,114.24	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,532.08	
08 91 16 00-0074	EA		36" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum.....	3,353.27	194.31
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	296.47	
			<i>For Clear Lacquer Finish, Add</i>	592.93	
			<i>For Baked Enamel Standard Colors, Add</i>	889.40	
			<i>For Anodized Finish, Add</i>	1,185.86	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,630.56	
08 91 16 00-0075	EA		36" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum.....	3,601.65	205.74
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	319.02	
			<i>For Clear Lacquer Finish, Add</i>	638.04	
			<i>For Baked Enamel Standard Colors, Add</i>	957.05	
			<i>For Anodized Finish, Add</i>	1,276.07	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,754.60	
08 91 16 00-0076	EA		36" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum.....	3,787.71	217.17
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	335.34	
			<i>For Clear Lacquer Finish, Add</i>	670.68	
			<i>For Baked Enamel Standard Colors, Add</i>	1,006.01	
			<i>For Anodized Finish, Add</i>	1,341.35	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,844.36	
08 91 16 00-0077	EA		42" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum.....	940.33	72.39
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	79.56	
			<i>For Clear Lacquer Finish, Add</i>	159.11	
			<i>For Baked Enamel Standard Colors, Add</i>	238.67	
			<i>For Anodized Finish, Add</i>	318.22	
			<i>For Kynar® Standard Colors Finish, Add</i>	437.56	
08 91 16 00-0078	EA		42" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum.....	1,199.43	91.44
			Note: Includes bird screen. Excludes actuator.		
			<i>For Flange Frame, Add</i>	101.66	
			<i>For Clear Lacquer Finish, Add</i>	203.31	
			<i>For Baked Enamel Standard Colors, Add</i>	304.97	
			<i>For Anodized Finish, Add</i>	406.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	559.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0079 EA 42" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,407.02	102.86
<i>For Flange Frame, Add</i>	120.13	
<i>For Clear Lacquer Finish, Add</i>	240.26	
<i>For Baked Enamel Standard Colors, Add</i>	360.38	
<i>For Anodized Finish, Add</i>	480.51	
<i>For Kynar® Standard Colors Finish, Add</i>	660.70	
08 91 16 00-0080 EA 42" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,644.89	118.10
<i>For Flange Frame, Add</i>	140.87	
<i>For Clear Lacquer Finish, Add</i>	281.73	
<i>For Baked Enamel Standard Colors, Add</i>	422.60	
<i>For Anodized Finish, Add</i>	563.47	
<i>For Kynar® Standard Colors Finish, Add</i>	774.77	
08 91 16 00-0081 EA 42" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,862.98	125.72
<i>For Flange Frame, Add</i>	161.15	
<i>For Clear Lacquer Finish, Add</i>	322.30	
<i>For Baked Enamel Standard Colors, Add</i>	483.46	
<i>For Anodized Finish, Add</i>	644.61	
<i>For Kynar® Standard Colors Finish, Add</i>	886.34	
08 91 16 00-0082 EA 42" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,069.75	133.34
<i>For Flange Frame, Add</i>	180.31	
<i>For Clear Lacquer Finish, Add</i>	360.61	
<i>For Baked Enamel Standard Colors, Add</i>	540.92	
<i>For Anodized Finish, Add</i>	721.22	
<i>For Kynar® Standard Colors Finish, Add</i>	991.68	
08 91 16 00-0083 EA 42" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,341.11	140.96
<i>For Flange Frame, Add</i>	205.92	
<i>For Clear Lacquer Finish, Add</i>	411.83	
<i>For Baked Enamel Standard Colors, Add</i>	617.75	
<i>For Anodized Finish, Add</i>	823.67	
<i>For Kynar® Standard Colors Finish, Add</i>	1,132.54	
08 91 16 00-0084 EA 42" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,561.15	152.39
<i>For Flange Frame, Add</i>	225.64	
<i>For Clear Lacquer Finish, Add</i>	451.27	
<i>For Baked Enamel Standard Colors, Add</i>	676.91	
<i>For Anodized Finish, Add</i>	902.54	
<i>For Kynar® Standard Colors Finish, Add</i>	1,241.00	
08 91 16 00-0085 EA 42" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,759.67	163.83
<i>For Flange Frame, Add</i>	243.20	
<i>For Clear Lacquer Finish, Add</i>	486.40	
<i>For Baked Enamel Standard Colors, Add</i>	729.61	
<i>For Anodized Finish, Add</i>	972.81	
<i>For Kynar® Standard Colors Finish, Add</i>	1,337.61	
08 91 16 00-0086 EA 42" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,945.72	175.26
<i>For Flange Frame, Add</i>	259.52	
<i>For Clear Lacquer Finish, Add</i>	519.04	
<i>For Baked Enamel Standard Colors, Add</i>	778.56	
<i>For Anodized Finish, Add</i>	1,038.08	
<i>For Kynar® Standard Colors Finish, Add</i>	1,427.37	
08 91 16 00-0087 EA 42" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,148.77	186.69
<i>For Flange Frame, Add</i>	277.54	
<i>For Clear Lacquer Finish, Add</i>	555.08	
<i>For Baked Enamel Standard Colors, Add</i>	832.62	
<i>For Anodized Finish, Add</i>	1,110.16	
<i>For Kynar® Standard Colors Finish, Add</i>	1,526.47	
08 91 16 00-0088 EA 42" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,392.94	194.31
<i>For Flange Frame, Add</i>	300.43	
<i>For Clear Lacquer Finish, Add</i>	600.87	
<i>For Baked Enamel Standard Colors, Add</i>	901.30	
<i>For Anodized Finish, Add</i>	1,201.73	
<i>For Kynar® Standard Colors Finish, Add</i>	1,652.38	
08 91 16 00-0089 EA 42" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,605.37	201.93
<i>For Flange Frame, Add</i>	320.15	
<i>For Clear Lacquer Finish, Add</i>	640.30	
<i>For Baked Enamel Standard Colors, Add</i>	960.46	
<i>For Anodized Finish, Add</i>	1,280.61	
<i>For Kynar® Standard Colors Finish, Add</i>	1,760.84	
08 91 16 00-0090 EA 42" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,883.21	213.36
<i>For Flange Frame, Add</i>	345.65	
<i>For Clear Lacquer Finish, Add</i>	691.30	
<i>For Baked Enamel Standard Colors, Add</i>	1,036.95	
<i>For Anodized Finish, Add</i>	1,382.60	
<i>For Kynar® Standard Colors Finish, Add</i>	1,901.08	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 91 16 00-0091	EA	42" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum	4,077.20		224.79
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	362.76		
		<i>For Clear Lacquer Finish, Add</i>	725.53		
		<i>For Baked Enamel Standard Colors, Add</i>	1,088.29		
		<i>For Anodized Finish, Add</i>	1,451.05		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,995.20		
08 91 16 00-0092	EA	48" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum	1,017.91		80.01
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	85.79		
		<i>For Clear Lacquer Finish, Add</i>	171.58		
		<i>For Baked Enamel Standard Colors, Add</i>	257.37		
		<i>For Anodized Finish, Add</i>	343.16		
		<i>For Kynar® Standard Colors Finish, Add</i>	471.84		
08 91 16 00-0093	EA	48" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum	1,292.87		99.05
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	109.48		
		<i>For Clear Lacquer Finish, Add</i>	218.95		
		<i>For Baked Enamel Standard Colors, Add</i>	328.43		
		<i>For Anodized Finish, Add</i>	437.90		
		<i>For Kynar® Standard Colors Finish, Add</i>	602.11		
08 91 16 00-0094	EA	48" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum	1,529.61		114.29
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	130.10		
		<i>For Clear Lacquer Finish, Add</i>	260.20		
		<i>For Baked Enamel Standard Colors, Add</i>	390.30		
		<i>For Anodized Finish, Add</i>	520.40		
		<i>For Kynar® Standard Colors Finish, Add</i>	715.56		
08 91 16 00-0095	EA	48" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum	1,772.32		125.72
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	152.09		
		<i>For Clear Lacquer Finish, Add</i>	304.17		
		<i>For Baked Enamel Standard Colors, Add</i>	456.26		
		<i>For Anodized Finish, Add</i>	608.34		
		<i>For Kynar® Standard Colors Finish, Add</i>	836.47		
08 91 16 00-0096	EA	48" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum	2,013.08		133.34
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	174.64		
		<i>For Clear Lacquer Finish, Add</i>	349.28		
		<i>For Baked Enamel Standard Colors, Add</i>	523.91		
		<i>For Anodized Finish, Add</i>	698.55		
		<i>For Kynar® Standard Colors Finish, Add</i>	960.51		
08 91 16 00-0097	EA	48" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum	2,245.91		140.96
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	196.40		
		<i>For Clear Lacquer Finish, Add</i>	392.79		
		<i>For Baked Enamel Standard Colors, Add</i>	589.19		
		<i>For Anodized Finish, Add</i>	785.59		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,080.18		
08 91 16 00-0098	EA	48" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum	2,536.22		152.39
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	223.14		
		<i>For Clear Lacquer Finish, Add</i>	446.29		
		<i>For Baked Enamel Standard Colors, Add</i>	669.43		
		<i>For Anodized Finish, Add</i>	892.57		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,227.29		
08 91 16 00-0099	EA	48" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum	2,776.67		163.83
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	244.90		
		<i>For Clear Lacquer Finish, Add</i>	489.80		
		<i>For Baked Enamel Standard Colors, Add</i>	734.71		
		<i>For Anodized Finish, Add</i>	979.61		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,346.96		
08 91 16 00-0100	EA	48" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum	2,985.39		175.26
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	263.49		
		<i>For Clear Lacquer Finish, Add</i>	526.98		
		<i>For Baked Enamel Standard Colors, Add</i>	790.46		
		<i>For Anodized Finish, Add</i>	1,053.95		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,449.18		
08 91 16 00-0101	EA	48" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum	3,197.50		186.69
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	282.41		
		<i>For Clear Lacquer Finish, Add</i>	564.83		
		<i>For Baked Enamel Standard Colors, Add</i>	847.24		
		<i>For Anodized Finish, Add</i>	1,129.65		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,553.27		
08 91 16 00-0102	EA	48" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum	3,405.09		198.12
		Note: Includes bird screen. Excludes actuator.			
		<i>For Flange Frame, Add</i>	300.89		
		<i>For Clear Lacquer Finish, Add</i>	601.77		
		<i>For Baked Enamel Standard Colors, Add</i>	902.66		
		<i>For Anodized Finish, Add</i>	1,203.54		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,654.87		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0103 EA 48" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,680.98	205.74
<i>For Flange Frame, Add</i>	326.95	
<i>For Clear Lacquer Finish, Add</i>	653.90	
<i>For Baked Enamel Standard Colors, Add</i>	980.85	
<i>For Anodized Finish, Add</i>	1,307.80	
<i>For Kynar® Standard Colors Finish, Add</i>	1,798.23	
08 91 16 00-0104 EA 48" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,910.41	213.36
<i>For Flange Frame, Add</i>	348.37	
<i>For Clear Lacquer Finish, Add</i>	696.74	
<i>For Baked Enamel Standard Colors, Add</i>	1,045.11	
<i>For Anodized Finish, Add</i>	1,393.48	
<i>For Kynar® Standard Colors Finish, Add</i>	1,916.04	
08 91 16 00-0105 EA 48" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,193.11	220.98
<i>For Flange Frame, Add</i>	375.12	
<i>For Clear Lacquer Finish, Add</i>	750.23	
<i>For Baked Enamel Standard Colors, Add</i>	1,125.35	
<i>For Anodized Finish, Add</i>	1,500.46	
<i>For Kynar® Standard Colors Finish, Add</i>	2,063.14	
08 91 16 00-0106 EA 48" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	4,406.36	232.41
<i>For Flange Frame, Add</i>	394.16	
<i>For Clear Lacquer Finish, Add</i>	788.31	
<i>For Baked Enamel Standard Colors, Add</i>	1,182.47	
<i>For Anodized Finish, Add</i>	1,576.62	
<i>For Kynar® Standard Colors Finish, Add</i>	2,167.85	
08 91 16 00-0107 EA 54" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,181.30	91.44
<i>For Flange Frame, Add</i>	99.84	
<i>For Clear Lacquer Finish, Add</i>	199.68	
<i>For Baked Enamel Standard Colors, Add</i>	299.53	
<i>For Anodized Finish, Add</i>	399.37	
<i>For Kynar® Standard Colors Finish, Add</i>	549.13	
08 91 16 00-0108 EA 54" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,512.92	110.48
<i>For Flange Frame, Add</i>	129.19	
<i>For Clear Lacquer Finish, Add</i>	258.39	
<i>For Baked Enamel Standard Colors, Add</i>	387.58	
<i>For Anodized Finish, Add</i>	516.78	
<i>For Kynar® Standard Colors Finish, Add</i>	710.57	
08 91 16 00-0109 EA 54" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,773.14	129.53
<i>For Flange Frame, Add</i>	151.41	
<i>For Clear Lacquer Finish, Add</i>	302.81	
<i>For Baked Enamel Standard Colors, Add</i>	454.22	
<i>For Anodized Finish, Add</i>	605.62	
<i>For Kynar® Standard Colors Finish, Add</i>	832.73	
08 91 16 00-0110 EA 54" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,034.30	137.15
<i>For Flange Frame, Add</i>	176.00	
<i>For Clear Lacquer Finish, Add</i>	352.00	
<i>For Baked Enamel Standard Colors, Add</i>	527.99	
<i>For Anodized Finish, Add</i>	703.99	
<i>For Kynar® Standard Colors Finish, Add</i>	967.99	
08 91 16 00-0111 EA 54" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,318.13	144.77
<i>For Flange Frame, Add</i>	202.86	
<i>For Clear Lacquer Finish, Add</i>	405.71	
<i>For Baked Enamel Standard Colors, Add</i>	608.57	
<i>For Anodized Finish, Add</i>	811.43	
<i>For Kynar® Standard Colors Finish, Add</i>	1,115.71	
08 91 16 00-0112 EA 54" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,572.48	152.39
<i>For Flange Frame, Add</i>	226.77	
<i>For Clear Lacquer Finish, Add</i>	453.54	
<i>For Baked Enamel Standard Colors, Add</i>	680.31	
<i>For Anodized Finish, Add</i>	907.08	
<i>For Kynar® Standard Colors Finish, Add</i>	1,247.23	
08 91 16 00-0113 EA 54" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,909.26	163.83
<i>For Flange Frame, Add</i>	258.16	
<i>For Clear Lacquer Finish, Add</i>	516.32	
<i>For Baked Enamel Standard Colors, Add</i>	774.48	
<i>For Anodized Finish, Add</i>	1,032.64	
<i>For Kynar® Standard Colors Finish, Add</i>	1,419.89	
08 91 16 00-0114 EA 54" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	3,236.97	175.26
<i>For Flange Frame, Add</i>	288.65	
<i>For Clear Lacquer Finish, Add</i>	577.29	
<i>For Baked Enamel Standard Colors, Add</i>	865.94	
<i>For Anodized Finish, Add</i>	1,154.58	
<i>For Kynar® Standard Colors Finish, Add</i>	1,587.55	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	16 00-0115	EA	54" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,483.09 310.97 621.94 932.92 1,243.89 1,710.35	186.69
08 91	16 00-0116	EA	54" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,725.81 332.96 665.92 998.87 1,331.83 1,831.27	198.12
08 91	16 00-0117	EA	54" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,958.64 354.72 709.43 1,064.15 1,418.87 1,950.94	205.74
08 91	16 00-0118	EA	54" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,266.26 383.96 767.91 1,151.87 1,535.82 2,111.75	213.36
08 91	16 00-0119	EA	54" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,522.89 408.09 816.19 1,224.28 1,632.38 2,244.52	220.98
08 91	16 00-0120	EA	54" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,853.18 439.60 879.20 1,318.80 1,758.40 2,417.79	228.60
08 91	16 00-0121	EA	54" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	5,101.58 462.15 924.30 1,386.46 1,848.61 2,541.84	240.03
08 91	16 00-0122	EA	60" Wide x 12" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	1,254.34 105.62 211.24 316.87 422.49 580.92	99.05
08 91	16 00-0123	EA	60" Wide x 18" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	1,613.98 137.01 274.03 411.04 548.06 753.58	121.91
08 91	16 00-0124	EA	60" Wide x 24" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	1,879.04 160.47 320.94 481.42 641.89 882.60	137.15
08 91	16 00-0125	EA	60" Wide x 30" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,166.27 187.67 375.34 563.01 750.68 1,032.19	144.77
08 91	16 00-0126	EA	60" Wide x 36" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,467.91 215.55 431.10 646.65 862.20 1,185.53	156.21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 16 00-0127 EA 60" Wide x 42" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	2,737.00 240.94 481.87 722.81 963.74 1,325.14	163.83
08 91 16 00-0128 EA 60" Wide x 48" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,097.58 274.71 549.41 824.12 1,098.83 1,510.89	175.26
08 91 16 00-0129 EA 60" Wide x 54" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,434.36 306.10 612.20 918.30 1,224.40 1,683.54	186.69
08 91 16 00-0130 EA 60" Wide x 60" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,697.47 330.12 660.25 990.37 1,320.50 1,815.68	198.12
08 91 16 00-0131 EA 60" Wide x 66" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	3,956.06 353.70 707.39 1,061.09 1,414.79 1,945.33	209.55
08 91 16 00-0132 EA 60" Wide x 72" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,203.62 376.93 753.86 1,130.79 1,507.72 2,073.11	217.17
08 91 16 00-0133 EA 60" Wide x 78" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,537.31 408.77 817.55 1,226.32 1,635.10 2,248.26	224.79
08 91 16 00-0134 EA 60" Wide x 84" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	4,806.41 434.16 868.32 1,302.48 1,736.64 2,387.88	232.41
08 91 16 00-0135 EA 60" Wide x 90" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	5,153.71 467.37 934.73 1,402.10 1,869.46 2,570.51	240.03
08 91 16 00-0136 EA 60" Wide x 96" High Adjustable Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	5,409.19 491.39 982.78 1,474.17 1,965.56 2,702.65	247.65
08 91 16 00-0137 Adjustable Intake Wall Louvers Operators <small>(08 91 16)</small>		
08 91 16 00-0138 EA 5' Chain Actuator For Adjustable Intake Louver.....	320.99	38.10
08 91 16 00-0139 EA Panel Crank For Adjustable Intake Louver	685.52	15.24
08 91 19 Fixed Louvers <small>(08 91)</small>		
08 91 19 00-0001 Fixed Intake Wall Louvers <small>(08 91 19)</small>		
08 91 19 00-0002 EA 12" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum..... Note: Includes bird screen. Excludes actuator. <i>For Flange Frame, Add</i> <i>For Clear Lacquer Finish, Add</i> <i>For Baked Enamel Standard Colors, Add</i> <i>For Anodized Finish, Add</i> <i>For Kynar® Standard Colors Finish, Add</i>	410.83 34.23 68.45 102.68 136.90 188.24	34.29

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0003	EA	12" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	488.40	41.91
			<i>For Flange Frame, Add</i>	40.46	
			<i>For Clear Lacquer Finish, Add</i>	80.92	
			<i>For Baked Enamel Standard Colors, Add</i>	121.37	
			<i>For Anodized Finish, Add</i>	161.83	
			<i>For Kynar® Standard Colors Finish, Add</i>	222.52	
08 91	19 00-0004	EA	12" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	567.09	49.53
			<i>For Flange Frame, Add</i>	46.80	
			<i>For Clear Lacquer Finish, Add</i>	93.61	
			<i>For Baked Enamel Standard Colors, Add</i>	140.41	
			<i>For Anodized Finish, Add</i>	187.22	
			<i>For Kynar® Standard Colors Finish, Add</i>	257.42	
08 91	19 00-0005	EA	12" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	665.06	57.15
			<i>For Flange Frame, Add</i>	55.08	
			<i>For Clear Lacquer Finish, Add</i>	110.15	
			<i>For Baked Enamel Standard Colors, Add</i>	165.23	
			<i>For Anodized Finish, Add</i>	220.31	
			<i>For Kynar® Standard Colors Finish, Add</i>	302.92	
08 91	19 00-0006	EA	12" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	748.30	64.77
			<i>For Flange Frame, Add</i>	61.88	
			<i>For Clear Lacquer Finish, Add</i>	123.75	
			<i>For Baked Enamel Standard Colors, Add</i>	185.63	
			<i>For Anodized Finish, Add</i>	247.51	
			<i>For Kynar® Standard Colors Finish, Add</i>	340.32	
08 91	19 00-0007	EA	12" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	881.40	72.39
			<i>For Flange Frame, Add</i>	73.66	
			<i>For Clear Lacquer Finish, Add</i>	147.33	
			<i>For Baked Enamel Standard Colors, Add</i>	220.99	
			<i>For Anodized Finish, Add</i>	294.65	
			<i>For Kynar® Standard Colors Finish, Add</i>	405.15	
08 91	19 00-0008	EA	12" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	955.58	80.01
			<i>For Flange Frame, Add</i>	79.56	
			<i>For Clear Lacquer Finish, Add</i>	159.11	
			<i>For Baked Enamel Standard Colors, Add</i>	238.67	
			<i>For Anodized Finish, Add</i>	318.22	
			<i>For Kynar® Standard Colors Finish, Add</i>	437.56	
08 91	19 00-0009	EA	12" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,069.10	91.44
			<i>For Flange Frame, Add</i>	88.62	
			<i>For Clear Lacquer Finish, Add</i>	177.24	
			<i>For Baked Enamel Standard Colors, Add</i>	265.87	
			<i>For Anodized Finish, Add</i>	354.49	
			<i>For Kynar® Standard Colors Finish, Add</i>	487.42	
08 91	19 00-0010	EA	12" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,137.61	99.05
			<i>For Flange Frame, Add</i>	93.95	
			<i>For Clear Lacquer Finish, Add</i>	187.90	
			<i>For Baked Enamel Standard Colors, Add</i>	281.85	
			<i>For Anodized Finish, Add</i>	375.80	
			<i>For Kynar® Standard Colors Finish, Add</i>	516.72	
08 91	19 00-0011	EA	12" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,229.91	106.67
			<i>For Flange Frame, Add</i>	101.66	
			<i>For Clear Lacquer Finish, Add</i>	203.31	
			<i>For Baked Enamel Standard Colors, Add</i>	304.97	
			<i>For Anodized Finish, Add</i>	406.62	
			<i>For Kynar® Standard Colors Finish, Add</i>	559.10	
08 91	19 00-0012	EA	12" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,310.88	114.29
			<i>For Flange Frame, Add</i>	108.23	
			<i>For Clear Lacquer Finish, Add</i>	216.46	
			<i>For Baked Enamel Standard Colors, Add</i>	324.68	
			<i>For Anodized Finish, Add</i>	432.91	
			<i>For Kynar® Standard Colors Finish, Add</i>	595.25	
08 91	19 00-0013	EA	12" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,406.59	121.91
			<i>For Flange Frame, Add</i>	116.28	
			<i>For Clear Lacquer Finish, Add</i>	232.55	
			<i>For Baked Enamel Standard Colors, Add</i>	348.83	
			<i>For Anodized Finish, Add</i>	465.10	
			<i>For Kynar® Standard Colors Finish, Add</i>	639.51	
08 91	19 00-0014	EA	12" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,496.62	129.53
			<i>For Flange Frame, Add</i>	123.75	
			<i>For Clear Lacquer Finish, Add</i>	247.51	
			<i>For Baked Enamel Standard Colors, Add</i>	371.26	
			<i>For Anodized Finish, Add</i>	495.02	
			<i>For Kynar® Standard Colors Finish, Add</i>	680.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0015 EA 12" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	1,578.41	140.96
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	129.65	
<i>For Clear Lacquer Finish, Add</i>	259.29	
<i>For Baked Enamel Standard Colors, Add</i>	388.94	
<i>For Anodized Finish, Add</i>	518.59	
<i>For Kynar® Standard Colors Finish, Add</i>	713.06	
08 91 19 00-0016 EA 12" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	1,686.26	152.39
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	138.15	
<i>For Clear Lacquer Finish, Add</i>	276.29	
<i>For Baked Enamel Standard Colors, Add</i>	414.44	
<i>For Anodized Finish, Add</i>	552.59	
<i>For Kynar® Standard Colors Finish, Add</i>	759.81	
08 91 19 00-0017 EA 18" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	478.20	41.91
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	39.44	
<i>For Clear Lacquer Finish, Add</i>	78.88	
<i>For Baked Enamel Standard Colors, Add</i>	118.31	
<i>For Anodized Finish, Add</i>	157.75	
<i>For Kynar® Standard Colors Finish, Add</i>	216.91	
08 91 19 00-0018 EA 18" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	574.71	53.34
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	46.80	
<i>For Clear Lacquer Finish, Add</i>	93.61	
<i>For Baked Enamel Standard Colors, Add</i>	140.41	
<i>For Anodized Finish, Add</i>	187.22	
<i>For Kynar® Standard Colors Finish, Add</i>	257.42	
08 91 19 00-0019 EA 18" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	665.88	60.96
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	54.40	
<i>For Clear Lacquer Finish, Add</i>	108.79	
<i>For Baked Enamel Standard Colors, Add</i>	163.19	
<i>For Anodized Finish, Add</i>	217.59	
<i>For Kynar® Standard Colors Finish, Add</i>	299.18	
08 91 19 00-0020 EA 18" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	834.62	76.20
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	68.22	
<i>For Clear Lacquer Finish, Add</i>	136.45	
<i>For Baked Enamel Standard Colors, Add</i>	204.67	
<i>For Anodized Finish, Add</i>	272.89	
<i>For Kynar® Standard Colors Finish, Add</i>	375.23	
08 91 19 00-0021 EA 18" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	956.40	83.82
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	78.88	
<i>For Clear Lacquer Finish, Add</i>	157.75	
<i>For Baked Enamel Standard Colors, Add</i>	236.63	
<i>For Anodized Finish, Add</i>	315.50	
<i>For Kynar® Standard Colors Finish, Add</i>	433.82	
08 91 19 00-0022 EA 18" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,064.57	91.44
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	88.17	
<i>For Clear Lacquer Finish, Add</i>	176.34	
<i>For Baked Enamel Standard Colors, Add</i>	264.51	
<i>For Anodized Finish, Add</i>	352.68	
<i>For Kynar® Standard Colors Finish, Add</i>	484.93	
08 91 19 00-0023 EA 18" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,142.14	99.05
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	94.40	
<i>For Clear Lacquer Finish, Add</i>	188.80	
<i>For Baked Enamel Standard Colors, Add</i>	283.21	
<i>For Anodized Finish, Add</i>	377.61	
<i>For Kynar® Standard Colors Finish, Add</i>	519.21	
08 91 19 00-0024 EA 18" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,271.53	110.48
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	105.06	
<i>For Clear Lacquer Finish, Add</i>	210.11	
<i>For Baked Enamel Standard Colors, Add</i>	315.17	
<i>For Anodized Finish, Add</i>	420.22	
<i>For Kynar® Standard Colors Finish, Add</i>	577.80	
08 91 19 00-0025 EA 18" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,363.52	121.91
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	111.97	
<i>For Clear Lacquer Finish, Add</i>	223.94	
<i>For Baked Enamel Standard Colors, Add</i>	335.90	
<i>For Anodized Finish, Add</i>	447.87	
<i>For Kynar® Standard Colors Finish, Add</i>	615.82	
08 91 19 00-0026 EA 18" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,480.76	129.53
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	122.17	
<i>For Clear Lacquer Finish, Add</i>	244.34	
<i>For Baked Enamel Standard Colors, Add</i>	366.50	
<i>For Anodized Finish, Add</i>	488.67	
<i>For Kynar® Standard Colors Finish, Add</i>	671.92	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0027	EA	18" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,570.79	137.15
			<i>For Flange Frame, Add</i>	129.65	
			<i>For Clear Lacquer Finish, Add</i>	259.29	
			<i>For Baked Enamel Standard Colors, Add</i>	388.94	
			<i>For Anodized Finish, Add</i>	518.59	
			<i>For Kynar® Standard Colors Finish, Add</i>	713.06	
08 91	19 00-0028	EA	18" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,671.03	144.77
			<i>For Flange Frame, Add</i>	138.15	
			<i>For Clear Lacquer Finish, Add</i>	276.29	
			<i>For Baked Enamel Standard Colors, Add</i>	414.44	
			<i>For Anodized Finish, Add</i>	552.59	
			<i>For Kynar® Standard Colors Finish, Add</i>	759.81	
08 91	19 00-0029	EA	18" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,775.79	152.39
			<i>For Flange Frame, Add</i>	147.10	
			<i>For Clear Lacquer Finish, Add</i>	294.20	
			<i>For Baked Enamel Standard Colors, Add</i>	441.30	
			<i>For Anodized Finish, Add</i>	588.40	
			<i>For Kynar® Standard Colors Finish, Add</i>	809.05	
08 91	19 00-0030	EA	18" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,870.04	163.83
			<i>For Flange Frame, Add</i>	154.24	
			<i>For Clear Lacquer Finish, Add</i>	308.48	
			<i>For Baked Enamel Standard Colors, Add</i>	462.72	
			<i>For Anodized Finish, Add</i>	616.96	
			<i>For Kynar® Standard Colors Finish, Add</i>	848.31	
08 91	19 00-0031	EA	18" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,999.43	175.26
			<i>For Flange Frame, Add</i>	164.89	
			<i>For Clear Lacquer Finish, Add</i>	329.78	
			<i>For Baked Enamel Standard Colors, Add</i>	494.68	
			<i>For Anodized Finish, Add</i>	659.57	
			<i>For Kynar® Standard Colors Finish, Add</i>	906.91	
08 91	19 00-0032	EA	24" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	553.50	49.53
			<i>For Flange Frame, Add</i>	45.45	
			<i>For Clear Lacquer Finish, Add</i>	90.89	
			<i>For Baked Enamel Standard Colors, Add</i>	136.34	
			<i>For Anodized Finish, Add</i>	181.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	249.95	
08 91	19 00-0033	EA	24" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	660.22	60.96
			<i>For Flange Frame, Add</i>	53.83	
			<i>For Clear Lacquer Finish, Add</i>	107.66	
			<i>For Baked Enamel Standard Colors, Add</i>	161.49	
			<i>For Anodized Finish, Add</i>	215.32	
			<i>For Kynar® Standard Colors Finish, Add</i>	296.07	
08 91	19 00-0034	EA	24" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	816.81	72.39
			<i>For Flange Frame, Add</i>	67.20	
			<i>For Clear Lacquer Finish, Add</i>	134.41	
			<i>For Baked Enamel Standard Colors, Add</i>	201.61	
			<i>For Anodized Finish, Add</i>	268.82	
			<i>For Kynar® Standard Colors Finish, Add</i>	369.62	
08 91	19 00-0035	EA	24" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	964.02	87.63
			<i>For Flange Frame, Add</i>	78.88	
			<i>For Clear Lacquer Finish, Add</i>	157.75	
			<i>For Baked Enamel Standard Colors, Add</i>	236.63	
			<i>For Anodized Finish, Add</i>	315.50	
			<i>For Kynar® Standard Colors Finish, Add</i>	433.82	
08 91	19 00-0036	EA	24" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,101.66	95.25
			<i>For Flange Frame, Add</i>	91.12	
			<i>For Clear Lacquer Finish, Add</i>	182.23	
			<i>For Baked Enamel Standard Colors, Add</i>	273.35	
			<i>For Anodized Finish, Add</i>	364.46	
			<i>For Kynar® Standard Colors Finish, Add</i>	501.14	
08 91	19 00-0037	EA	24" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,229.09	102.86
			<i>For Flange Frame, Add</i>	102.34	
			<i>For Clear Lacquer Finish, Add</i>	204.67	
			<i>For Baked Enamel Standard Colors, Add</i>	307.01	
			<i>For Anodized Finish, Add</i>	409.34	
			<i>For Kynar® Standard Colors Finish, Add</i>	562.84	
08 91	19 00-0038	EA	24" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,336.95	114.29
			<i>For Flange Frame, Add</i>	110.84	
			<i>For Clear Lacquer Finish, Add</i>	221.67	
			<i>For Baked Enamel Standard Colors, Add</i>	332.51	
			<i>For Anodized Finish, Add</i>	443.34	
			<i>For Kynar® Standard Colors Finish, Add</i>	609.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0039 EA 24" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,480.76	129.53
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	122.17	
<i>For Clear Lacquer Finish, Add</i>	244.34	
<i>For Baked Enamel Standard Colors, Add</i>	366.50	
<i>For Anodized Finish, Add</i>	488.67	
<i>For Kynar® Standard Colors Finish, Add</i>	671.92	
08 91 19 00-0040 EA 24" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,575.33	137.15
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	130.10	
<i>For Clear Lacquer Finish, Add</i>	260.20	
<i>For Baked Enamel Standard Colors, Add</i>	390.30	
<i>For Anodized Finish, Add</i>	520.40	
<i>For Kynar® Standard Colors Finish, Add</i>	715.56	
08 91 19 00-0041 EA 24" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	1,731.59	152.39
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	142.68	
<i>For Clear Lacquer Finish, Add</i>	285.36	
<i>For Baked Enamel Standard Colors, Add</i>	428.04	
<i>For Anodized Finish, Add</i>	570.72	
<i>For Kynar® Standard Colors Finish, Add</i>	784.74	
08 91 19 00-0042 EA 24" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	1,829.56	160.02
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	150.95	
<i>For Clear Lacquer Finish, Add</i>	301.91	
<i>For Baked Enamel Standard Colors, Add</i>	452.86	
<i>For Anodized Finish, Add</i>	603.81	
<i>For Kynar® Standard Colors Finish, Add</i>	830.24	
08 91 19 00-0043 EA 24" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	1,955.86	167.64
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	162.06	
<i>For Clear Lacquer Finish, Add</i>	324.12	
<i>For Baked Enamel Standard Colors, Add</i>	486.18	
<i>For Anodized Finish, Add</i>	648.24	
<i>For Kynar® Standard Colors Finish, Add</i>	891.32	
08 91 19 00-0044 EA 24" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,079.90	175.26
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	172.94	
<i>For Clear Lacquer Finish, Add</i>	345.88	
<i>For Baked Enamel Standard Colors, Add</i>	518.82	
<i>For Anodized Finish, Add</i>	691.76	
<i>For Kynar® Standard Colors Finish, Add</i>	951.16	
08 91 19 00-0045 EA 24" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,176.42	186.69
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	180.31	
<i>For Clear Lacquer Finish, Add</i>	360.61	
<i>For Baked Enamel Standard Colors, Add</i>	540.92	
<i>For Anodized Finish, Add</i>	721.22	
<i>For Kynar® Standard Colors Finish, Add</i>	991.68	
08 91 19 00-0046 EA 24" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	2,333.01	198.12
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	193.68	
<i>For Clear Lacquer Finish, Add</i>	387.36	
<i>For Baked Enamel Standard Colors, Add</i>	581.03	
<i>For Anodized Finish, Add</i>	774.71	
<i>For Kynar® Standard Colors Finish, Add</i>	1,065.23	
08 91 19 00-0047 EA 30" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	620.87	57.15
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	50.66	
<i>For Clear Lacquer Finish, Add</i>	101.32	
<i>For Baked Enamel Standard Colors, Add</i>	151.97	
<i>For Anodized Finish, Add</i>	202.63	
<i>For Kynar® Standard Colors Finish, Add</i>	278.62	
08 91 19 00-0048 EA 30" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	804.03	76.20
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	65.16	
<i>For Clear Lacquer Finish, Add</i>	130.33	
<i>For Baked Enamel Standard Colors, Add</i>	195.49	
<i>For Anodized Finish, Add</i>	260.66	
<i>For Kynar® Standard Colors Finish, Add</i>	358.40	
08 91 19 00-0049 EA 30" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	937.96	87.63
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	76.27	
<i>For Clear Lacquer Finish, Add</i>	152.54	
<i>For Baked Enamel Standard Colors, Add</i>	228.81	
<i>For Anodized Finish, Add</i>	305.08	
<i>For Kynar® Standard Colors Finish, Add</i>	419.49	
08 91 19 00-0050 EA 30" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,093.41	99.05
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	89.53	
<i>For Clear Lacquer Finish, Add</i>	179.06	
<i>For Baked Enamel Standard Colors, Add</i>	268.59	
<i>For Anodized Finish, Add</i>	358.12	
<i>For Kynar® Standard Colors Finish, Add</i>	492.41	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0051	EA	30" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,258.24	106.67
			<i>For Flange Frame, Add</i>	104.49	
			<i>For Clear Lacquer Finish, Add</i>	208.98	
			<i>For Baked Enamel Standard Colors, Add</i>	313.46	
			<i>For Anodized Finish, Add</i>	417.95	
			<i>For Kynar® Standard Colors Finish, Add</i>	574.68	
08 91	19 00-0052	EA	30" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,398.97	118.10
			<i>For Flange Frame, Add</i>	116.28	
			<i>For Clear Lacquer Finish, Add</i>	232.55	
			<i>For Baked Enamel Standard Colors, Add</i>	348.83	
			<i>For Anodized Finish, Add</i>	465.10	
			<i>For Kynar® Standard Colors Finish, Add</i>	639.51	
08 91	19 00-0053	EA	30" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,503.73	125.72
			<i>For Flange Frame, Add</i>	125.23	
			<i>For Clear Lacquer Finish, Add</i>	250.45	
			<i>For Baked Enamel Standard Colors, Add</i>	375.68	
			<i>For Anodized Finish, Add</i>	500.91	
			<i>For Kynar® Standard Colors Finish, Add</i>	688.75	
08 91	19 00-0054	EA	30" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,651.26	137.15
			<i>For Flange Frame, Add</i>	137.69	
			<i>For Clear Lacquer Finish, Add</i>	275.39	
			<i>For Baked Enamel Standard Colors, Add</i>	413.08	
			<i>For Anodized Finish, Add</i>	550.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	757.32	
08 91	19 00-0055	EA	30" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,768.49	144.77
			<i>For Flange Frame, Add</i>	147.89	
			<i>For Clear Lacquer Finish, Add</i>	295.79	
			<i>For Baked Enamel Standard Colors, Add</i>	443.68	
			<i>For Anodized Finish, Add</i>	591.57	
			<i>For Kynar® Standard Colors Finish, Add</i>	813.41	
08 91	19 00-0056	EA	30" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	1,948.55	160.02
			<i>For Flange Frame, Add</i>	162.85	
			<i>For Clear Lacquer Finish, Add</i>	325.70	
			<i>For Baked Enamel Standard Colors, Add</i>	488.56	
			<i>For Anodized Finish, Add</i>	651.41	
			<i>For Kynar® Standard Colors Finish, Add</i>	895.69	
08 91	19 00-0057	EA	30" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,064.34	171.45
			<i>For Flange Frame, Add</i>	172.15	
			<i>For Clear Lacquer Finish, Add</i>	344.29	
			<i>For Baked Enamel Standard Colors, Add</i>	516.44	
			<i>For Anodized Finish, Add</i>	688.58	
			<i>For Kynar® Standard Colors Finish, Add</i>	946.80	
08 91	19 00-0058	EA	30" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,198.58	179.07
			<i>For Flange Frame, Add</i>	184.05	
			<i>For Clear Lacquer Finish, Add</i>	368.09	
			<i>For Baked Enamel Standard Colors, Add</i>	552.14	
			<i>For Anodized Finish, Add</i>	736.18	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,012.25	
08 91	19 00-0059	EA	30" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,331.68	186.69
			<i>For Flange Frame, Add</i>	195.83	
			<i>For Clear Lacquer Finish, Add</i>	391.66	
			<i>For Baked Enamel Standard Colors, Add</i>	587.49	
			<i>For Anodized Finish, Add</i>	783.32	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,077.07	
08 91	19 00-0060	EA	30" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,445.20	198.12
			<i>For Flange Frame, Add</i>	204.90	
			<i>For Clear Lacquer Finish, Add</i>	409.79	
			<i>For Baked Enamel Standard Colors, Add</i>	614.69	
			<i>For Anodized Finish, Add</i>	819.59	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,126.93	
08 91	19 00-0061	EA	30" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	2,622.19	209.55
			<i>For Flange Frame, Add</i>	220.31	
			<i>For Clear Lacquer Finish, Add</i>	440.62	
			<i>For Baked Enamel Standard Colors, Add</i>	660.93	
			<i>For Anodized Finish, Add</i>	881.24	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,211.71	
08 91	19 00-0062	EA	36" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen. Excludes actuator.	689.37	64.77
			<i>For Flange Frame, Add</i>	55.98	
			<i>For Clear Lacquer Finish, Add</i>	111.97	
			<i>For Baked Enamel Standard Colors, Add</i>	167.95	
			<i>For Anodized Finish, Add</i>	223.94	
			<i>For Kynar® Standard Colors Finish, Add</i>	307.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0063 EA 36" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	904.27	83.82
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	73.66	
<i>For Clear Lacquer Finish, Add</i>	147.33	
<i>For Baked Enamel Standard Colors, Add</i>	220.99	
<i>For Anodized Finish, Add</i>	294.65	
<i>For Kynar® Standard Colors Finish, Add</i>	405.15	
08 91 19 00-0064 EA 36" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,044.99	95.25
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	85.45	
<i>For Clear Lacquer Finish, Add</i>	170.90	
<i>For Baked Enamel Standard Colors, Add</i>	256.35	
<i>For Anodized Finish, Add</i>	341.80	
<i>For Kynar® Standard Colors Finish, Add</i>	469.97	
08 91 19 00-0065 EA 36" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,211.78	106.67
Note: Includes bird screen. Excludes actuator.		
<i>For Flange Frame, Add</i>	99.84	
<i>For Clear Lacquer Finish, Add</i>	199.68	
<i>For Baked Enamel Standard Colors, Add</i>	299.53	
<i>For Anodized Finish, Add</i>	399.37	
<i>For Kynar® Standard Colors Finish, Add</i>	549.13	
08 91 19 00-0066 EA 36" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,397.79	115.82
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	116.62	
<i>For Clear Lacquer Finish, Add</i>	233.23	
<i>For Baked Enamel Standard Colors, Add</i>	349.85	
<i>For Anodized Finish, Add</i>	466.46	
<i>For Kynar® Standard Colors Finish, Add</i>	641.38	
08 91 19 00-0067 EA 36" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,543.40	125.72
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	129.19	
<i>For Clear Lacquer Finish, Add</i>	258.39	
<i>For Baked Enamel Standard Colors, Add</i>	387.58	
<i>For Anodized Finish, Add</i>	516.78	
<i>For Kynar® Standard Colors Finish, Add</i>	710.57	
08 91 19 00-0068 EA 36" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	1,668.57	133.34
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	140.19	
<i>For Clear Lacquer Finish, Add</i>	280.37	
<i>For Baked Enamel Standard Colors, Add</i>	420.56	
<i>For Anodized Finish, Add</i>	560.75	
<i>For Kynar® Standard Colors Finish, Add</i>	771.03	
08 91 19 00-0069 EA 36" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	1,836.49	144.77
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	154.69	
<i>For Clear Lacquer Finish, Add</i>	309.39	
<i>For Baked Enamel Standard Colors, Add</i>	464.08	
<i>For Anodized Finish, Add</i>	618.77	
<i>For Kynar® Standard Colors Finish, Add</i>	850.81	
08 91 19 00-0070 EA 36" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	1,964.73	156.21
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	165.23	
<i>For Clear Lacquer Finish, Add</i>	330.46	
<i>For Baked Enamel Standard Colors, Add</i>	495.70	
<i>For Anodized Finish, Add</i>	660.93	
<i>For Kynar® Standard Colors Finish, Add</i>	908.78	
08 91 19 00-0071 EA 36" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	2,165.52	167.64
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	183.03	
<i>For Clear Lacquer Finish, Add</i>	366.05	
<i>For Baked Enamel Standard Colors, Add</i>	549.08	
<i>For Anodized Finish, Add</i>	732.10	
<i>For Kynar® Standard Colors Finish, Add</i>	1,006.64	
08 91 19 00-0072 EA 36" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,299.44	179.07
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	194.13	
<i>For Clear Lacquer Finish, Add</i>	388.26	
<i>For Baked Enamel Standard Colors, Add</i>	582.39	
<i>For Anodized Finish, Add</i>	776.52	
<i>For Kynar® Standard Colors Finish, Add</i>	1,067.72	
08 91 19 00-0073 EA 36" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,442.74	186.69
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	206.94	
<i>For Clear Lacquer Finish, Add</i>	413.87	
<i>For Baked Enamel Standard Colors, Add</i>	620.81	
<i>For Anodized Finish, Add</i>	827.75	
<i>For Kynar® Standard Colors Finish, Add</i>	1,138.15	
08 91 19 00-0074 EA 36" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,591.71	194.31
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	220.31	
<i>For Clear Lacquer Finish, Add</i>	440.62	
<i>For Baked Enamel Standard Colors, Add</i>	660.93	
<i>For Anodized Finish, Add</i>	881.24	
<i>For Kynar® Standard Colors Finish, Add</i>	1,211.71	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0075	EA	36" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,721.09	205.74
			<i>For Flange Frame, Add</i>	230.96	
			<i>For Clear Lacquer Finish, Add</i>	461.92	
			<i>For Baked Enamel Standard Colors, Add</i>	692.89	
			<i>For Anodized Finish, Add</i>	923.85	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,270.29	
08 91	19 00-0076	EA	36" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,920.75	217.17
			<i>For Flange Frame, Add</i>	248.64	
			<i>For Clear Lacquer Finish, Add</i>	497.28	
			<i>For Baked Enamel Standard Colors, Add</i>	745.93	
			<i>For Anodized Finish, Add</i>	994.57	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,367.53	
08 91	19 00-0077	EA	42" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	800.94	72.39
			<i>For Flange Frame, Add</i>	65.62	
			<i>For Clear Lacquer Finish, Add</i>	131.23	
			<i>For Baked Enamel Standard Colors, Add</i>	196.85	
			<i>For Anodized Finish, Add</i>	262.47	
			<i>For Kynar® Standard Colors Finish, Add</i>	360.89	
08 91	19 00-0078	EA	42" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	982.98	91.44
			<i>For Flange Frame, Add</i>	80.01	
			<i>For Clear Lacquer Finish, Add</i>	160.02	
			<i>For Baked Enamel Standard Colors, Add</i>	240.03	
			<i>For Anodized Finish, Add</i>	320.04	
			<i>For Kynar® Standard Colors Finish, Add</i>	440.06	
08 91	19 00-0079	EA	42" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,138.43	102.86
			<i>For Flange Frame, Add</i>	93.27	
			<i>For Clear Lacquer Finish, Add</i>	186.54	
			<i>For Baked Enamel Standard Colors, Add</i>	279.81	
			<i>For Anodized Finish, Add</i>	373.08	
			<i>For Kynar® Standard Colors Finish, Add</i>	512.98	
08 91	19 00-0080	EA	42" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,330.97	118.10
			<i>For Flange Frame, Add</i>	109.48	
			<i>For Clear Lacquer Finish, Add</i>	218.95	
			<i>For Baked Enamel Standard Colors, Add</i>	328.43	
			<i>For Anodized Finish, Add</i>	437.90	
			<i>For Kynar® Standard Colors Finish, Add</i>	602.11	
08 91	19 00-0081	EA	42" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,532.07	125.72
			<i>For Flange Frame, Add</i>	128.06	
			<i>For Clear Lacquer Finish, Add</i>	256.12	
			<i>For Baked Enamel Standard Colors, Add</i>	384.18	
			<i>For Anodized Finish, Add</i>	512.24	
			<i>For Kynar® Standard Colors Finish, Add</i>	704.34	
08 91	19 00-0082	EA	42" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,693.50	133.34
			<i>For Flange Frame, Add</i>	142.68	
			<i>For Clear Lacquer Finish, Add</i>	285.36	
			<i>For Baked Enamel Standard Colors, Add</i>	428.04	
			<i>For Anodized Finish, Add</i>	570.72	
			<i>For Kynar® Standard Colors Finish, Add</i>	784.74	
08 91	19 00-0083	EA	42" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,833.40	140.96
			<i>For Flange Frame, Add</i>	155.15	
			<i>For Clear Lacquer Finish, Add</i>	310.29	
			<i>For Baked Enamel Standard Colors, Add</i>	465.44	
			<i>For Anodized Finish, Add</i>	620.58	
			<i>For Kynar® Standard Colors Finish, Add</i>	853.30	
08 91	19 00-0084	EA	42" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,001.31	152.39
			<i>For Flange Frame, Add</i>	169.65	
			<i>For Clear Lacquer Finish, Add</i>	339.30	
			<i>For Baked Enamel Standard Colors, Add</i>	508.96	
			<i>For Anodized Finish, Add</i>	678.61	
			<i>For Kynar® Standard Colors Finish, Add</i>	933.09	
08 91	19 00-0085	EA	42" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,145.43	163.83
			<i>For Flange Frame, Add</i>	181.78	
			<i>For Clear Lacquer Finish, Add</i>	363.56	
			<i>For Baked Enamel Standard Colors, Add</i>	545.33	
			<i>For Anodized Finish, Add</i>	727.11	
			<i>For Kynar® Standard Colors Finish, Add</i>	999.78	
08 91	19 00-0086	EA	42" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,367.75	175.26
			<i>For Flange Frame, Add</i>	201.72	
			<i>For Clear Lacquer Finish, Add</i>	403.45	
			<i>For Baked Enamel Standard Colors, Add</i>	605.17	
			<i>For Anodized Finish, Add</i>	806.90	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,109.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0087 EA 42" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	2,511.87	186.69
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	213.85	
<i>For Clear Lacquer Finish, Add</i>	427.70	
<i>For Baked Enamel Standard Colors, Add</i>	641.55	
<i>For Anodized Finish, Add</i>	855.40	
<i>For Kynar® Standard Colors Finish, Add</i>	1,176.18	
08 91 19 00-0088 EA 42" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	2,673.30	194.31
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	228.47	
<i>For Clear Lacquer Finish, Add</i>	456.94	
<i>For Baked Enamel Standard Colors, Add</i>	685.41	
<i>For Anodized Finish, Add</i>	913.88	
<i>For Kynar® Standard Colors Finish, Add</i>	1,256.58	
08 91 19 00-0089 EA 42" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	2,835.87	201.93
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	243.20	
<i>For Clear Lacquer Finish, Add</i>	486.40	
<i>For Baked Enamel Standard Colors, Add</i>	729.61	
<i>For Anodized Finish, Add</i>	972.81	
<i>For Kynar® Standard Colors Finish, Add</i>	1,337.61	
08 91 19 00-0090 EA 42" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	2,987.92	213.36
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	256.12	
<i>For Clear Lacquer Finish, Add</i>	512.24	
<i>For Baked Enamel Standard Colors, Add</i>	768.36	
<i>For Anodized Finish, Add</i>	1,024.48	
<i>For Kynar® Standard Colors Finish, Add</i>	1,408.67	
08 91 19 00-0091 EA 42" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	3,202.31	224.79
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	275.27	
<i>For Clear Lacquer Finish, Add</i>	550.55	
<i>For Baked Enamel Standard Colors, Add</i>	825.82	
<i>For Anodized Finish, Add</i>	1,101.10	
<i>For Kynar® Standard Colors Finish, Add</i>	1,514.01	
08 91 19 00-0092 EA 48" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	876.25	80.01
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	71.62	
<i>For Clear Lacquer Finish, Add</i>	143.25	
<i>For Baked Enamel Standard Colors, Add</i>	214.87	
<i>For Anodized Finish, Add</i>	286.49	
<i>For Kynar® Standard Colors Finish, Add</i>	393.93	
08 91 19 00-0093 EA 48" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,074.15	99.05
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	87.60	
<i>For Clear Lacquer Finish, Add</i>	175.21	
<i>For Baked Enamel Standard Colors, Add</i>	262.81	
<i>For Anodized Finish, Add</i>	350.41	
<i>For Kynar® Standard Colors Finish, Add</i>	481.82	
08 91 19 00-0094 EA 48" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,257.62	114.29
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	102.90	
<i>For Clear Lacquer Finish, Add</i>	205.80	
<i>For Baked Enamel Standard Colors, Add</i>	308.71	
<i>For Anodized Finish, Add</i>	411.61	
<i>For Kynar® Standard Colors Finish, Add</i>	565.96	
08 91 19 00-0095 EA 48" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,445.94	125.72
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	119.45	
<i>For Clear Lacquer Finish, Add</i>	238.90	
<i>For Baked Enamel Standard Colors, Add</i>	358.34	
<i>For Anodized Finish, Add</i>	477.79	
<i>For Kynar® Standard Colors Finish, Add</i>	656.96	
08 91 19 00-0096 EA 48" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,675.37	133.34
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	140.87	
<i>For Clear Lacquer Finish, Add</i>	281.73	
<i>For Baked Enamel Standard Colors, Add</i>	422.60	
<i>For Anodized Finish, Add</i>	563.47	
<i>For Kynar® Standard Colors Finish, Add</i>	774.77	
08 91 19 00-0097 EA 48" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	1,861.73	140.96
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	157.98	
<i>For Clear Lacquer Finish, Add</i>	315.96	
<i>For Baked Enamel Standard Colors, Add</i>	473.94	
<i>For Anodized Finish, Add</i>	631.92	
<i>For Kynar® Standard Colors Finish, Add</i>	868.88	
08 91 19 00-0098 EA 48" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	2,017.18	152.39
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	171.24	
<i>For Clear Lacquer Finish, Add</i>	342.48	
<i>For Baked Enamel Standard Colors, Add</i>	513.72	
<i>For Anodized Finish, Add</i>	684.96	
<i>For Kynar® Standard Colors Finish, Add</i>	941.81	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0099	EA	48" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,259.89	163.83
			<i>For Flange Frame, Add</i>	193.22	
			<i>For Clear Lacquer Finish, Add</i>	386.45	
			<i>For Baked Enamel Standard Colors, Add</i>	579.67	
			<i>For Anodized Finish, Add</i>	772.90	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,062.73	
08 91	19 00-0100	EA	48" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,367.75	175.26
			<i>For Flange Frame, Add</i>	201.72	
			<i>For Clear Lacquer Finish, Add</i>	403.45	
			<i>For Baked Enamel Standard Colors, Add</i>	605.17	
			<i>For Anodized Finish, Add</i>	806.90	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,109.48	
08 91	19 00-0101	EA	48" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,604.80	186.69
			<i>For Flange Frame, Add</i>	223.14	
			<i>For Clear Lacquer Finish, Add</i>	446.29	
			<i>For Baked Enamel Standard Colors, Add</i>	669.43	
			<i>For Anodized Finish, Add</i>	892.57	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,227.29	
08 91	19 00-0102	EA	48" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,770.45	198.12
			<i>For Flange Frame, Add</i>	237.42	
			<i>For Clear Lacquer Finish, Add</i>	474.84	
			<i>For Baked Enamel Standard Colors, Add</i>	712.27	
			<i>For Anodized Finish, Add</i>	949.69	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,305.82	
08 91	19 00-0103	EA	48" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,950.02	205.74
			<i>For Flange Frame, Add</i>	253.86	
			<i>For Clear Lacquer Finish, Add</i>	507.71	
			<i>For Baked Enamel Standard Colors, Add</i>	761.57	
			<i>For Anodized Finish, Add</i>	1,015.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,396.20	
08 91	19 00-0104	EA	48" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,129.58	213.36
			<i>For Flange Frame, Add</i>	270.29	
			<i>For Clear Lacquer Finish, Add</i>	540.57	
			<i>For Baked Enamel Standard Colors, Add</i>	810.86	
			<i>For Anodized Finish, Add</i>	1,081.15	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,486.58	
08 91	19 00-0105	EA	48" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,279.68	220.98
			<i>For Flange Frame, Add</i>	283.77	
			<i>For Clear Lacquer Finish, Add</i>	567.55	
			<i>For Baked Enamel Standard Colors, Add</i>	851.32	
			<i>For Anodized Finish, Add</i>	1,135.09	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,560.75	
08 91	19 00-0106	EA	48" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,525.80	232.41
			<i>For Flange Frame, Add</i>	306.10	
			<i>For Clear Lacquer Finish, Add</i>	612.20	
			<i>For Baked Enamel Standard Colors, Add</i>	918.30	
			<i>For Anodized Finish, Add</i>	1,224.40	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,683.54	
08 91	19 00-0107	EA	54" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	971.64	91.44
			<i>For Flange Frame, Add</i>	78.88	
			<i>For Clear Lacquer Finish, Add</i>	157.75	
			<i>For Baked Enamel Standard Colors, Add</i>	236.63	
			<i>For Anodized Finish, Add</i>	315.50	
			<i>For Kynar® Standard Colors Finish, Add</i>	433.82	
08 91	19 00-0108	EA	54" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,192.20	110.48
			<i>For Flange Frame, Add</i>	97.12	
			<i>For Clear Lacquer Finish, Add</i>	194.24	
			<i>For Baked Enamel Standard Colors, Add</i>	291.37	
			<i>For Anodized Finish, Add</i>	388.49	
			<i>For Kynar® Standard Colors Finish, Add</i>	534.17	
08 91	19 00-0109	EA	54" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,395.76	129.53
			<i>For Flange Frame, Add</i>	113.67	
			<i>For Clear Lacquer Finish, Add</i>	227.34	
			<i>For Baked Enamel Standard Colors, Add</i>	341.00	
			<i>For Anodized Finish, Add</i>	454.67	
			<i>For Kynar® Standard Colors Finish, Add</i>	625.17	
08 91	19 00-0110	EA	54" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,595.72	137.15
			<i>For Flange Frame, Add</i>	132.14	
			<i>For Clear Lacquer Finish, Add</i>	264.28	
			<i>For Baked Enamel Standard Colors, Add</i>	396.42	
			<i>For Anodized Finish, Add</i>	528.56	
			<i>For Kynar® Standard Colors Finish, Add</i>	726.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0111 EA 54" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	1,869.35	144.77
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	157.98	
<i>For Clear Lacquer Finish, Add</i>	315.96	
<i>For Baked Enamel Standard Colors, Add</i>	473.94	
<i>For Anodized Finish, Add</i>	631.92	
<i>For Kynar® Standard Colors Finish, Add</i>	868.88	
08 91 19 00-0112 EA 54" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	2,060.24	152.39
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	175.55	
<i>For Clear Lacquer Finish, Add</i>	351.09	
<i>For Baked Enamel Standard Colors, Add</i>	526.64	
<i>For Anodized Finish, Add</i>	702.18	
<i>For Kynar® Standard Colors Finish, Add</i>	965.50	
08 91 19 00-0113 EA 54" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	2,241.76	163.83
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	191.41	
<i>For Clear Lacquer Finish, Add</i>	382.82	
<i>For Baked Enamel Standard Colors, Add</i>	574.23	
<i>For Anodized Finish, Add</i>	765.64	
<i>For Kynar® Standard Colors Finish, Add</i>	1,052.76	
08 91 19 00-0114 EA 54" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	2,506.01	175.26
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	215.55	
<i>For Clear Lacquer Finish, Add</i>	431.10	
<i>For Baked Enamel Standard Colors, Add</i>	646.65	
<i>For Anodized Finish, Add</i>	862.20	
<i>For Kynar® Standard Colors Finish, Add</i>	1,185.53	
08 91 19 00-0115 EA 54" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	2,693.19	186.69
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	231.98	
<i>For Clear Lacquer Finish, Add</i>	463.96	
<i>For Baked Enamel Standard Colors, Add</i>	695.95	
<i>For Anodized Finish, Add</i>	927.93	
<i>For Kynar® Standard Colors Finish, Add</i>	1,275.90	
08 91 19 00-0116 EA 54" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	2,969.91	198.12
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	257.37	
<i>For Clear Lacquer Finish, Add</i>	514.74	
<i>For Baked Enamel Standard Colors, Add</i>	772.10	
<i>For Anodized Finish, Add</i>	1,029.47	
<i>For Kynar® Standard Colors Finish, Add</i>	1,415.52	
08 91 19 00-0117 EA 54" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	3,148.34	205.74
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	273.69	
<i>For Clear Lacquer Finish, Add</i>	547.37	
<i>For Baked Enamel Standard Colors, Add</i>	821.06	
<i>For Anodized Finish, Add</i>	1,094.75	
<i>For Kynar® Standard Colors Finish, Add</i>	1,505.28	
08 91 19 00-0118 EA 54" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	3,351.71	213.36
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	292.50	
<i>For Clear Lacquer Finish, Add</i>	585.00	
<i>For Baked Enamel Standard Colors, Add</i>	877.50	
<i>For Anodized Finish, Add</i>	1,170.00	
<i>For Kynar® Standard Colors Finish, Add</i>	1,608.75	
08 91 19 00-0119 EA 54" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	3,547.14	220.98
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	310.52	
<i>For Clear Lacquer Finish, Add</i>	621.04	
<i>For Baked Enamel Standard Colors, Add</i>	931.56	
<i>For Anodized Finish, Add</i>	1,242.08	
<i>For Kynar® Standard Colors Finish, Add</i>	1,707.85	
08 91 19 00-0120 EA 54" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	3,709.70	228.60
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	325.25	
<i>For Clear Lacquer Finish, Add</i>	650.50	
<i>For Baked Enamel Standard Colors, Add</i>	975.75	
<i>For Anodized Finish, Add</i>	1,301.00	
<i>For Kynar® Standard Colors Finish, Add</i>	1,788.88	
08 91 19 00-0121 EA 54" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	3,995.49	240.03
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	351.54	
<i>For Clear Lacquer Finish, Add</i>	703.09	
<i>For Baked Enamel Standard Colors, Add</i>	1,054.63	
<i>For Anodized Finish, Add</i>	1,406.17	
<i>For Kynar® Standard Colors Finish, Add</i>	1,933.49	
08 91 19 00-0122 EA 60" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,044.68	99.05
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	84.66	
<i>For Clear Lacquer Finish, Add</i>	169.31	
<i>For Baked Enamel Standard Colors, Add</i>	253.97	
<i>For Anodized Finish, Add</i>	338.62	
<i>For Kynar® Standard Colors Finish, Add</i>	465.61	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0123	EA	60" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,288.72	121.91
			<i>For Flange Frame, Add</i>	104.49	
			<i>For Clear Lacquer Finish, Add</i>	208.98	
			<i>For Baked Enamel Standard Colors, Add</i>	313.46	
			<i>For Anodized Finish, Add</i>	417.95	
			<i>For Kynar® Standard Colors Finish, Add</i>	574.68	
08 91	19 00-0124	EA	60" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,496.00	137.15
			<i>For Flange Frame, Add</i>	122.17	
			<i>For Clear Lacquer Finish, Add</i>	244.34	
			<i>For Baked Enamel Standard Colors, Add</i>	366.50	
			<i>For Anodized Finish, Add</i>	488.67	
			<i>For Kynar® Standard Colors Finish, Add</i>	671.92	
08 91	19 00-0125	EA	60" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,726.56	144.77
			<i>For Flange Frame, Add</i>	143.70	
			<i>For Clear Lacquer Finish, Add</i>	287.40	
			<i>For Baked Enamel Standard Colors, Add</i>	431.10	
			<i>For Anodized Finish, Add</i>	574.80	
			<i>For Kynar® Standard Colors Finish, Add</i>	790.35	
08 91	19 00-0126	EA	60" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,013.46	156.21
			<i>For Flange Frame, Add</i>	170.11	
			<i>For Clear Lacquer Finish, Add</i>	340.21	
			<i>For Baked Enamel Standard Colors, Add</i>	510.32	
			<i>For Anodized Finish, Add</i>	680.42	
			<i>For Kynar® Standard Colors Finish, Add</i>	935.58	
08 91	19 00-0127	EA	60" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,227.03	163.83
			<i>For Flange Frame, Add</i>	189.94	
			<i>For Clear Lacquer Finish, Add</i>	379.88	
			<i>For Baked Enamel Standard Colors, Add</i>	569.81	
			<i>For Anodized Finish, Add</i>	759.75	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,044.66	
08 91	19 00-0128	EA	60" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,416.48	175.26
			<i>For Flange Frame, Add</i>	206.60	
			<i>For Clear Lacquer Finish, Add</i>	413.19	
			<i>For Baked Enamel Standard Colors, Add</i>	619.79	
			<i>For Anodized Finish, Add</i>	826.39	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,136.28	
08 91	19 00-0129	EA	60" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,698.86	186.69
			<i>For Flange Frame, Add</i>	232.55	
			<i>For Clear Lacquer Finish, Add</i>	465.10	
			<i>For Baked Enamel Standard Colors, Add</i>	697.65	
			<i>For Anodized Finish, Add</i>	930.20	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,279.02	
08 91	19 00-0130	EA	60" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,899.65	198.12
			<i>For Flange Frame, Add</i>	250.34	
			<i>For Clear Lacquer Finish, Add</i>	500.68	
			<i>For Baked Enamel Standard Colors, Add</i>	751.03	
			<i>For Anodized Finish, Add</i>	1,001.37	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,376.88	
08 91	19 00-0131	EA	60" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,199.03	209.55
			<i>For Flange Frame, Add</i>	277.99	
			<i>For Clear Lacquer Finish, Add</i>	555.99	
			<i>For Baked Enamel Standard Colors, Add</i>	833.98	
			<i>For Anodized Finish, Add</i>	1,111.98	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,528.97	
08 91	19 00-0132	EA	60" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,388.79	217.17
			<i>For Flange Frame, Add</i>	295.45	
			<i>For Clear Lacquer Finish, Add</i>	590.89	
			<i>For Baked Enamel Standard Colors, Add</i>	886.34	
			<i>For Anodized Finish, Add</i>	1,181.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,624.95	
08 91	19 00-0133	EA	60" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,604.62	224.79
			<i>For Flange Frame, Add</i>	315.51	
			<i>For Clear Lacquer Finish, Add</i>	631.01	
			<i>For Baked Enamel Standard Colors, Add</i>	946.52	
			<i>For Anodized Finish, Add</i>	1,262.02	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,735.28	
08 91	19 00-0134	EA	60" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,815.92	232.41
			<i>For Flange Frame, Add</i>	335.11	
			<i>For Clear Lacquer Finish, Add</i>	670.22	
			<i>For Baked Enamel Standard Colors, Add</i>	1,005.33	
			<i>For Anodized Finish, Add</i>	1,340.44	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,843.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0135 EA 60" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	3,995.49	240.03
Note: Includes bird screen.		
For Flange Frame, Add	351.54	
For Clear Lacquer Finish, Add	703.09	
For Baked Enamel Standard Colors, Add	1,054.63	
For Anodized Finish, Add	1,406.17	
For Kynar® Standard Colors Finish, Add	1,933.49	
08 91 19 00-0136 EA 60" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	4,292.91	247.65
Note: Includes bird screen.		
For Flange Frame, Add	379.76	
For Clear Lacquer Finish, Add	759.52	
For Baked Enamel Standard Colors, Add	1,139.29	
For Anodized Finish, Add	1,519.05	
For Kynar® Standard Colors Finish, Add	2,088.69	
08 91 19 00-0137 EA 66" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,201.58	106.67
Note: Includes bird screen.		
For Flange Frame, Add	98.82	
For Clear Lacquer Finish, Add	197.64	
For Baked Enamel Standard Colors, Add	296.47	
For Anodized Finish, Add	395.29	
For Kynar® Standard Colors Finish, Add	543.52	
08 91 19 00-0138 EA 66" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,485.29	129.53
Note: Includes bird screen.		
For Flange Frame, Add	122.62	
For Clear Lacquer Finish, Add	245.24	
For Baked Enamel Standard Colors, Add	367.86	
For Anodized Finish, Add	490.48	
For Kynar® Standard Colors Finish, Add	674.42	
08 91 19 00-0139 EA 66" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,731.59	152.39
Note: Includes bird screen.		
For Flange Frame, Add	142.68	
For Clear Lacquer Finish, Add	285.36	
For Baked Enamel Standard Colors, Add	428.04	
For Anodized Finish, Add	570.72	
For Kynar® Standard Colors Finish, Add	784.74	
08 91 19 00-0140 EA 66" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	1,982.55	160.02
Note: Includes bird screen.		
For Flange Frame, Add	166.25	
For Clear Lacquer Finish, Add	332.50	
For Baked Enamel Standard Colors, Add	498.76	
For Anodized Finish, Add	665.01	
For Kynar® Standard Colors Finish, Add	914.39	
08 91 19 00-0141 EA 66" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	2,315.11	167.64
Note: Includes bird screen.		
For Flange Frame, Add	197.98	
For Clear Lacquer Finish, Add	395.97	
For Baked Enamel Standard Colors, Add	593.95	
For Anodized Finish, Add	791.94	
For Kynar® Standard Colors Finish, Add	1,088.91	
08 91 19 00-0142 EA 66" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	2,547.94	175.26
Note: Includes bird screen.		
For Flange Frame, Add	219.74	
For Clear Lacquer Finish, Add	439.49	
For Baked Enamel Standard Colors, Add	659.23	
For Anodized Finish, Add	878.97	
For Kynar® Standard Colors Finish, Add	1,208.59	
08 91 19 00-0143 EA 66" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	2,773.66	186.69
Note: Includes bird screen.		
For Flange Frame, Add	240.03	
For Clear Lacquer Finish, Add	480.06	
For Baked Enamel Standard Colors, Add	720.09	
For Anodized Finish, Add	960.12	
For Kynar® Standard Colors Finish, Add	1,320.16	
08 91 19 00-0144 EA 66" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	3,037.91	198.12
Note: Includes bird screen.		
For Flange Frame, Add	264.17	
For Clear Lacquer Finish, Add	528.34	
For Baked Enamel Standard Colors, Add	792.50	
For Anodized Finish, Add	1,056.67	
For Kynar® Standard Colors Finish, Add	1,452.92	
08 91 19 00-0145 EA 66" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	3,262.49	209.55
Note: Includes bird screen.		
For Flange Frame, Add	284.34	
For Clear Lacquer Finish, Add	568.68	
For Baked Enamel Standard Colors, Add	853.02	
For Anodized Finish, Add	1,137.36	
For Kynar® Standard Colors Finish, Add	1,563.87	
08 91 19 00-0146 EA 66" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	3,606.89	224.79
Note: Includes bird screen.		
For Flange Frame, Add	315.73	
For Clear Lacquer Finish, Add	631.46	
For Baked Enamel Standard Colors, Add	947.20	
For Anodized Finish, Add	1,262.93	
For Kynar® Standard Colors Finish, Add	1,736.53	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0147	EA	66" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,823.55	236.22
			<i>For Flange Frame, Add</i>	335.11	
			<i>For Clear Lacquer Finish, Add</i>	670.22	
			<i>For Baked Enamel Standard Colors, Add</i>	1,005.33	
			<i>For Anodized Finish, Add</i>	1,340.44	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,843.11	
08 91	19 00-0148	EA	66" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,051.84	243.84
			<i>For Flange Frame, Add</i>	356.42	
			<i>For Clear Lacquer Finish, Add</i>	712.83	
			<i>For Baked Enamel Standard Colors, Add</i>	1,069.25	
			<i>For Anodized Finish, Add</i>	1,425.67	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,960.29	
08 91	19 00-0149	EA	66" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,284.67	251.46
			<i>For Flange Frame, Add</i>	378.18	
			<i>For Clear Lacquer Finish, Add</i>	756.35	
			<i>For Baked Enamel Standard Colors, Add</i>	1,134.53	
			<i>For Anodized Finish, Add</i>	1,512.70	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,079.97	
08 91	19 00-0150	EA	66" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,486.90	259.08
			<i>For Flange Frame, Add</i>	396.88	
			<i>For Clear Lacquer Finish, Add</i>	793.75	
			<i>For Baked Enamel Standard Colors, Add</i>	1,190.63	
			<i>For Anodized Finish, Add</i>	1,587.50	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,182.81	
08 91	19 00-0151	EA	66" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,818.32	266.70
			<i>For Flange Frame, Add</i>	428.49	
			<i>For Clear Lacquer Finish, Add</i>	856.99	
			<i>For Baked Enamel Standard Colors, Add</i>	1,285.48	
			<i>For Anodized Finish, Add</i>	1,713.97	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,356.71	
08 91	19 00-0152	EA	72" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,268.95	114.29
			<i>For Flange Frame, Add</i>	104.04	
			<i>For Clear Lacquer Finish, Add</i>	208.07	
			<i>For Baked Enamel Standard Colors, Add</i>	312.11	
			<i>For Anodized Finish, Add</i>	416.14	
			<i>For Kynar® Standard Colors Finish, Add</i>	572.19	
08 91	19 00-0153	EA	72" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,566.26	137.15
			<i>For Flange Frame, Add</i>	129.19	
			<i>For Clear Lacquer Finish, Add</i>	258.39	
			<i>For Baked Enamel Standard Colors, Add</i>	387.58	
			<i>For Anodized Finish, Add</i>	516.78	
			<i>For Kynar® Standard Colors Finish, Add</i>	710.57	
08 91	19 00-0154	EA	72" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,825.03	160.02
			<i>For Flange Frame, Add</i>	150.50	
			<i>For Clear Lacquer Finish, Add</i>	301.00	
			<i>For Baked Enamel Standard Colors, Add</i>	451.50	
			<i>For Anodized Finish, Add</i>	602.00	
			<i>For Kynar® Standard Colors Finish, Add</i>	827.75	
08 91	19 00-0155	EA	72" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,098.34	171.45
			<i>For Flange Frame, Add</i>	175.55	
			<i>For Clear Lacquer Finish, Add</i>	351.09	
			<i>For Baked Enamel Standard Colors, Add</i>	526.64	
			<i>For Anodized Finish, Add</i>	702.18	
			<i>For Kynar® Standard Colors Finish, Add</i>	965.50	
08 91	19 00-0156	EA	72" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,454.70	179.07
			<i>For Flange Frame, Add</i>	209.66	
			<i>For Clear Lacquer Finish, Add</i>	419.31	
			<i>For Baked Enamel Standard Colors, Add</i>	628.97	
			<i>For Anodized Finish, Add</i>	838.63	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,153.11	
08 91	19 00-0157	EA	72" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,699.99	186.69
			<i>For Flange Frame, Add</i>	232.66	
			<i>For Clear Lacquer Finish, Add</i>	465.32	
			<i>For Baked Enamel Standard Colors, Add</i>	697.99	
			<i>For Anodized Finish, Add</i>	930.65	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,279.64	
08 91	19 00-0158	EA	72" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,940.44	198.12
			<i>For Flange Frame, Add</i>	254.42	
			<i>For Clear Lacquer Finish, Add</i>	508.84	
			<i>For Baked Enamel Standard Colors, Add</i>	763.26	
			<i>For Anodized Finish, Add</i>	1,017.68	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,399.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0159 EA 72" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	3,211.80	205.74
Note: Includes bird screen.		
For Flange Frame, Add	280.03	
For Clear Lacquer Finish, Add	560.07	
For Baked Enamel Standard Colors, Add	840.10	
For Anodized Finish, Add	1,120.13	
For Kynar® Standard Colors Finish, Add	1,540.18	
08 91 19 00-0160 EA 72" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	3,446.59	217.17
Note: Includes bird screen.		
For Flange Frame, Add	301.23	
For Clear Lacquer Finish, Add	602.45	
For Baked Enamel Standard Colors, Add	903.68	
For Anodized Finish, Add	1,204.90	
For Kynar® Standard Colors Finish, Add	1,656.74	
08 91 19 00-0161 EA 72" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	3,823.55	236.22
Note: Includes bird screen.		
For Flange Frame, Add	335.11	
For Clear Lacquer Finish, Add	670.22	
For Baked Enamel Standard Colors, Add	1,005.33	
For Anodized Finish, Add	1,340.44	
For Kynar® Standard Colors Finish, Add	1,843.11	
08 91 19 00-0162 EA 72" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	4,061.72	247.65
Note: Includes bird screen.		
For Flange Frame, Add	356.64	
For Clear Lacquer Finish, Add	713.29	
For Baked Enamel Standard Colors, Add	1,069.93	
For Anodized Finish, Add	1,426.57	
For Kynar® Standard Colors Finish, Add	1,961.54	
08 91 19 00-0163 EA 72" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	4,296.82	255.27
Note: Includes bird screen.		
For Flange Frame, Add	378.63	
For Clear Lacquer Finish, Add	757.26	
For Baked Enamel Standard Colors, Add	1,135.89	
For Anodized Finish, Add	1,514.52	
For Kynar® Standard Colors Finish, Add	2,082.46	
08 91 19 00-0164 EA 72" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	4,535.31	262.89
Note: Includes bird screen.		
For Flange Frame, Add	400.95	
For Clear Lacquer Finish, Add	801.91	
For Baked Enamel Standard Colors, Add	1,202.86	
For Anodized Finish, Add	1,603.82	
For Kynar® Standard Colors Finish, Add	2,205.25	
08 91 19 00-0165 EA 72" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	4,759.08	270.51
Note: Includes bird screen.		
For Flange Frame, Add	421.81	
For Clear Lacquer Finish, Add	843.61	
For Baked Enamel Standard Colors, Add	1,265.42	
For Anodized Finish, Add	1,687.23	
For Kynar® Standard Colors Finish, Add	2,319.94	
08 91 19 00-0166 EA 72" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	5,112.04	278.13
Note: Includes bird screen.		
For Flange Frame, Add	455.58	
For Clear Lacquer Finish, Add	911.16	
For Baked Enamel Standard Colors, Add	1,366.74	
For Anodized Finish, Add	1,822.32	
For Kynar® Standard Colors Finish, Add	2,505.68	
08 91 19 00-0167 EA 78" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,349.92	121.91
Note: Includes bird screen.		
For Flange Frame, Add	110.61	
For Clear Lacquer Finish, Add	221.22	
For Baked Enamel Standard Colors, Add	331.82	
For Anodized Finish, Add	442.43	
For Kynar® Standard Colors Finish, Add	608.34	
08 91 19 00-0168 EA 78" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,655.16	144.77
Note: Includes bird screen.		
For Flange Frame, Add	136.56	
For Clear Lacquer Finish, Add	273.12	
For Baked Enamel Standard Colors, Add	409.68	
For Anodized Finish, Add	546.24	
For Kynar® Standard Colors Finish, Add	751.08	
08 91 19 00-0169 EA 78" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	1,919.60	167.64
Note: Includes bird screen.		
For Flange Frame, Add	158.43	
For Clear Lacquer Finish, Add	316.87	
For Baked Enamel Standard Colors, Add	475.30	
For Anodized Finish, Add	633.73	
For Kynar® Standard Colors Finish, Add	871.38	
08 91 19 00-0170 EA 78" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	2,211.04	179.07
Note: Includes bird screen.		
For Flange Frame, Add	185.29	
For Clear Lacquer Finish, Add	370.58	
For Baked Enamel Standard Colors, Add	555.87	
For Anodized Finish, Add	741.16	
For Kynar® Standard Colors Finish, Add	1,019.10	

08 Openings**08 90 Louvers and Vents**

08 91 Louvers

**Cal Poly
Humboldt.**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0171	EA	78" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,587.80	186.69
			<i>For Flange Frame, Add</i>	221.44	
			<i>For Clear Lacquer Finish, Add</i>	442.89	
			<i>For Baked Enamel Standard Colors, Add</i>	664.33	
			<i>For Anodized Finish, Add</i>	885.77	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,217.94	
08 91	19 00-0172	EA	78" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	2,843.29	194.31
			<i>For Flange Frame, Add</i>	245.47	
			<i>For Clear Lacquer Finish, Add</i>	490.94	
			<i>For Baked Enamel Standard Colors, Add</i>	736.40	
			<i>For Anodized Finish, Add</i>	981.87	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,350.07	
08 91	19 00-0173	EA	78" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,100.74	205.74
			<i>For Flange Frame, Add</i>	268.93	
			<i>For Clear Lacquer Finish, Add</i>	537.85	
			<i>For Baked Enamel Standard Colors, Add</i>	806.78	
			<i>For Anodized Finish, Add</i>	1,075.71	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,479.10	
08 91	19 00-0174	EA	78" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,387.97	213.36
			<i>For Flange Frame, Add</i>	296.13	
			<i>For Clear Lacquer Finish, Add</i>	592.25	
			<i>For Baked Enamel Standard Colors, Add</i>	888.38	
			<i>For Anodized Finish, Add</i>	1,184.50	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,628.69	
08 91	19 00-0175	EA	78" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	3,639.75	224.79
			<i>For Flange Frame, Add</i>	319.02	
			<i>For Clear Lacquer Finish, Add</i>	638.04	
			<i>For Baked Enamel Standard Colors, Add</i>	957.05	
			<i>For Anodized Finish, Add</i>	1,276.07	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,754.60	
08 91	19 00-0176	EA	78" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,040.50	243.84
			<i>For Flange Frame, Add</i>	355.28	
			<i>For Clear Lacquer Finish, Add</i>	710.57	
			<i>For Baked Enamel Standard Colors, Add</i>	1,065.85	
			<i>For Anodized Finish, Add</i>	1,421.13	
			<i>For Kynar® Standard Colors Finish, Add</i>	1,954.06	
08 91	19 00-0177	EA	78" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,290.02	255.27
			<i>For Flange Frame, Add</i>	377.95	
			<i>For Clear Lacquer Finish, Add</i>	755.90	
			<i>For Baked Enamel Standard Colors, Add</i>	1,133.85	
			<i>For Anodized Finish, Add</i>	1,511.80	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,078.72	
08 91	19 00-0178	EA	78" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,550.87	266.70
			<i>For Flange Frame, Add</i>	401.75	
			<i>For Clear Lacquer Finish, Add</i>	803.50	
			<i>For Baked Enamel Standard Colors, Add</i>	1,205.24	
			<i>For Anodized Finish, Add</i>	1,606.99	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,209.61	
08 91	19 00-0179	EA	78" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	4,789.36	274.32
			<i>For Flange Frame, Add</i>	424.07	
			<i>For Clear Lacquer Finish, Add</i>	848.15	
			<i>For Baked Enamel Standard Colors, Add</i>	1,272.22	
			<i>For Anodized Finish, Add</i>	1,696.29	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,332.40	
08 91	19 00-0180	EA	78" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,027.86	281.94
			<i>For Flange Frame, Add</i>	446.40	
			<i>For Clear Lacquer Finish, Add</i>	892.80	
			<i>For Baked Enamel Standard Colors, Add</i>	1,339.20	
			<i>For Anodized Finish, Add</i>	1,785.60	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,455.19	
08 91	19 00-0181	EA	78" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	5,403.48	289.56
			<i>For Flange Frame, Add</i>	482.44	
			<i>For Clear Lacquer Finish, Add</i>	964.87	
			<i>For Baked Enamel Standard Colors, Add</i>	1,447.31	
			<i>For Anodized Finish, Add</i>	1,929.75	
			<i>For Kynar® Standard Colors Finish, Add</i>	2,653.40	
08 91	19 00-0182	EA	84" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum Note: Includes bird screen.	1,416.16	129.53
			<i>For Flange Frame, Add</i>	115.71	
			<i>For Clear Lacquer Finish, Add</i>	231.42	
			<i>For Baked Enamel Standard Colors, Add</i>	347.12	
			<i>For Anodized Finish, Add</i>	462.83	
			<i>For Kynar® Standard Colors Finish, Add</i>	636.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0183 EA 84" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,733.86	152.39
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	142.91	
<i>For Clear Lacquer Finish, Add</i>	285.81	
<i>For Baked Enamel Standard Colors, Add</i>	428.72	
<i>For Anodized Finish, Add</i>	571.63	
<i>For Kynar® Standard Colors Finish, Add</i>	785.99	
08 91 19 00-0184 EA 84" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	2,025.50	175.26
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	167.50	
<i>For Clear Lacquer Finish, Add</i>	335.00	
<i>For Baked Enamel Standard Colors, Add</i>	502.50	
<i>For Anodized Finish, Add</i>	670.00	
<i>For Kynar® Standard Colors Finish, Add</i>	921.24	
08 91 19 00-0185 EA 84" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	2,326.01	186.69
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	195.26	
<i>For Clear Lacquer Finish, Add</i>	390.53	
<i>For Baked Enamel Standard Colors, Add</i>	585.79	
<i>For Anodized Finish, Add</i>	781.06	
<i>For Kynar® Standard Colors Finish, Add</i>	1,073.95	
08 91 19 00-0186 EA 84" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	2,726.57	194.31
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	233.80	
<i>For Clear Lacquer Finish, Add</i>	467.59	
<i>For Baked Enamel Standard Colors, Add</i>	701.39	
<i>For Anodized Finish, Add</i>	935.18	
<i>For Kynar® Standard Colors Finish, Add</i>	1,285.88	
08 91 19 00-0187 EA 84" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	2,996.79	201.93
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	259.29	
<i>For Clear Lacquer Finish, Add</i>	518.59	
<i>For Baked Enamel Standard Colors, Add</i>	777.88	
<i>For Anodized Finish, Add</i>	1,037.18	
<i>For Kynar® Standard Colors Finish, Add</i>	1,426.12	
08 91 19 00-0188 EA 84" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	3,259.91	213.36
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	283.32	
<i>For Clear Lacquer Finish, Add</i>	566.64	
<i>For Baked Enamel Standard Colors, Add</i>	849.96	
<i>For Anodized Finish, Add</i>	1,133.28	
<i>For Kynar® Standard Colors Finish, Add</i>	1,558.26	
08 91 19 00-0189 EA 84" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum.....	3,569.80	220.98
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	312.79	
<i>For Clear Lacquer Finish, Add</i>	625.57	
<i>For Baked Enamel Standard Colors, Add</i>	938.36	
<i>For Anodized Finish, Add</i>	1,251.14	
<i>For Kynar® Standard Colors Finish, Add</i>	1,720.32	
08 91 19 00-0190 EA 84" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum.....	3,834.05	232.41
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	336.92	
<i>For Clear Lacquer Finish, Add</i>	673.85	
<i>For Baked Enamel Standard Colors, Add</i>	1,010.77	
<i>For Anodized Finish, Add</i>	1,347.70	
<i>For Kynar® Standard Colors Finish, Add</i>	1,853.08	
08 91 19 00-0191 EA 84" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum.....	4,258.60	251.46
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	375.57	
<i>For Clear Lacquer Finish, Add</i>	751.14	
<i>For Baked Enamel Standard Colors, Add</i>	1,126.71	
<i>For Anodized Finish, Add</i>	1,502.28	
<i>For Kynar® Standard Colors Finish, Add</i>	2,065.63	
08 91 19 00-0192 EA 84" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	4,517.18	262.89
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	399.14	
<i>For Clear Lacquer Finish, Add</i>	798.28	
<i>For Baked Enamel Standard Colors, Add</i>	1,197.42	
<i>For Anodized Finish, Add</i>	1,596.56	
<i>For Kynar® Standard Colors Finish, Add</i>	2,195.28	
08 91 19 00-0193 EA 84" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	4,800.70	274.32
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	425.21	
<i>For Clear Lacquer Finish, Add</i>	850.41	
<i>For Baked Enamel Standard Colors, Add</i>	1,275.62	
<i>For Anodized Finish, Add</i>	1,700.83	
<i>For Kynar® Standard Colors Finish, Add</i>	2,338.64	
08 91 19 00-0194 EA 84" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	5,102.66	281.94
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	453.88	
<i>For Clear Lacquer Finish, Add</i>	907.76	
<i>For Baked Enamel Standard Colors, Add</i>	1,361.64	
<i>For Anodized Finish, Add</i>	1,815.52	
<i>For Kynar® Standard Colors Finish, Add</i>	2,496.33	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 91 19 00-0195	EA	84" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum	5,375.15		289.56
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	479.60		
		<i>For Clear Lacquer Finish, Add</i>	959.21		
		<i>For Baked Enamel Standard Colors, Add</i>	1,438.81		
		<i>For Anodized Finish, Add</i>	1,918.42		
		<i>For Kynar® Standard Colors Finish, Add</i>	2,637.82		
08 91 19 00-0196	EA	84" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum	5,779.11		297.17
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	518.48		
		<i>For Clear Lacquer Finish, Add</i>	1,036.95		
		<i>For Baked Enamel Standard Colors, Add</i>	1,555.43		
		<i>For Anodized Finish, Add</i>	2,073.90		
		<i>For Kynar® Standard Colors Finish, Add</i>	2,851.62		
08 91 19 00-0197	EA	90" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum	1,503.62		140.96
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	122.17		
		<i>For Clear Lacquer Finish, Add</i>	244.34		
		<i>For Baked Enamel Standard Colors, Add</i>	366.50		
		<i>For Anodized Finish, Add</i>	488.67		
		<i>For Kynar® Standard Colors Finish, Add</i>	671.92		
08 91 19 00-0198	EA	90" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum	1,825.85		163.83
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	149.82		
		<i>For Clear Lacquer Finish, Add</i>	299.64		
		<i>For Baked Enamel Standard Colors, Add</i>	449.46		
		<i>For Anodized Finish, Add</i>	599.28		
		<i>For Kynar® Standard Colors Finish, Add</i>	824.01		
08 91 19 00-0199	EA	90" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum	2,128.82		186.69
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	175.55		
		<i>For Clear Lacquer Finish, Add</i>	351.09		
		<i>For Baked Enamel Standard Colors, Add</i>	526.64		
		<i>For Anodized Finish, Add</i>	702.18		
		<i>For Kynar® Standard Colors Finish, Add</i>	965.50		
08 91 19 00-0200	EA	90" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum	2,438.40		198.12
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	204.22		
		<i>For Clear Lacquer Finish, Add</i>	408.43		
		<i>For Baked Enamel Standard Colors, Add</i>	612.65		
		<i>For Anodized Finish, Add</i>	816.87		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,123.19		
08 91 19 00-0201	EA	90" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum	2,866.15		205.74
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	245.47		
		<i>For Clear Lacquer Finish, Add</i>	490.94		
		<i>For Baked Enamel Standard Colors, Add</i>	736.40		
		<i>For Anodized Finish, Add</i>	981.87		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,350.07		
08 91 19 00-0202	EA	90" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum	3,145.45		213.36
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	271.87		
		<i>For Clear Lacquer Finish, Add</i>	543.75		
		<i>For Baked Enamel Standard Colors, Add</i>	815.62		
		<i>For Anodized Finish, Add</i>	1,087.50		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,495.31		
08 91 19 00-0203	EA	90" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum	3,412.28		220.98
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	297.03		
		<i>For Clear Lacquer Finish, Add</i>	594.07		
		<i>For Baked Enamel Standard Colors, Add</i>	891.10		
		<i>For Anodized Finish, Add</i>	1,188.13		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,633.68		
08 91 19 00-0204	EA	90" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum	3,739.17		228.60
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	328.20		
		<i>For Clear Lacquer Finish, Add</i>	656.40		
		<i>For Baked Enamel Standard Colors, Add</i>	984.59		
		<i>For Anodized Finish, Add</i>	1,312.79		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,805.09		
08 91 19 00-0205	EA	90" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum	4,017.03		240.03
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	353.70		
		<i>For Clear Lacquer Finish, Add</i>	707.39		
		<i>For Baked Enamel Standard Colors, Add</i>	1,061.09		
		<i>For Anodized Finish, Add</i>	1,414.79		
		<i>For Kynar® Standard Colors Finish, Add</i>	1,945.33		
08 91 19 00-0206	EA	90" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum	4,465.36		259.08
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>	394.72		
		<i>For Clear Lacquer Finish, Add</i>	789.44		
		<i>For Baked Enamel Standard Colors, Add</i>	1,184.16		
		<i>For Anodized Finish, Add</i>	1,578.88		
		<i>For Kynar® Standard Colors Finish, Add</i>	2,170.97		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0207 EA 90" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum.....	4,735.28	270.51
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	419.43	
<i>For Clear Lacquer Finish, Add</i>	838.85	
<i>For Baked Enamel Standard Colors, Add</i>	1,258.28	
<i>For Anodized Finish, Add</i>	1,677.71	
<i>For Kynar® Standard Colors Finish, Add</i>	2,306.85	
08 91 19 00-0208 EA 90" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum.....	5,043.73	281.94
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	447.99	
<i>For Clear Lacquer Finish, Add</i>	895.97	
<i>For Baked Enamel Standard Colors, Add</i>	1,343.96	
<i>For Anodized Finish, Add</i>	1,791.94	
<i>For Kynar® Standard Colors Finish, Add</i>	2,463.92	
08 91 19 00-0209 EA 90" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum.....	5,363.82	289.56
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	478.47	
<i>For Clear Lacquer Finish, Add</i>	956.94	
<i>For Baked Enamel Standard Colors, Add</i>	1,435.41	
<i>For Anodized Finish, Add</i>	1,913.88	
<i>For Kynar® Standard Colors Finish, Add</i>	2,631.59	
08 91 19 00-0210 EA 90" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum.....	5,637.13	300.98
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	503.52	
<i>For Clear Lacquer Finish, Add</i>	1,007.03	
<i>For Baked Enamel Standard Colors, Add</i>	1,510.55	
<i>For Anodized Finish, Add</i>	2,014.06	
<i>For Kynar® Standard Colors Finish, Add</i>	2,769.34	
08 91 19 00-0211 EA 90" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum.....	6,064.89	308.60
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	544.77	
<i>For Clear Lacquer Finish, Add</i>	1,089.54	
<i>For Baked Enamel Standard Colors, Add</i>	1,634.30	
<i>For Anodized Finish, Add</i>	2,179.07	
<i>For Kynar® Standard Colors Finish, Add</i>	2,996.22	
08 91 19 00-0212 EA 96" Wide x 12" High Fixed Intake Louver, Galvanized Aluminum.....	1,579.73	152.39
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	127.49	
<i>For Clear Lacquer Finish, Add</i>	254.99	
<i>For Baked Enamel Standard Colors, Add</i>	382.48	
<i>For Anodized Finish, Add</i>	509.98	
<i>For Kynar® Standard Colors Finish, Add</i>	701.22	
08 91 19 00-0213 EA 96" Wide x 18" High Fixed Intake Louver, Galvanized Aluminum.....	1,913.30	175.26
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	156.28	
<i>For Clear Lacquer Finish, Add</i>	312.56	
<i>For Baked Enamel Standard Colors, Add</i>	468.84	
<i>For Anodized Finish, Add</i>	625.12	
<i>For Kynar® Standard Colors Finish, Add</i>	859.53	
08 91 19 00-0214 EA 96" Wide x 24" High Fixed Intake Louver, Galvanized Aluminum.....	2,231.01	198.12
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	183.48	
<i>For Clear Lacquer Finish, Add</i>	366.96	
<i>For Baked Enamel Standard Colors, Add</i>	550.43	
<i>For Anodized Finish, Add</i>	733.91	
<i>For Kynar® Standard Colors Finish, Add</i>	1,009.13	
08 91 19 00-0215 EA 96" Wide x 30" High Fixed Intake Louver, Galvanized Aluminum.....	2,557.59	209.55
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	213.85	
<i>For Clear Lacquer Finish, Add</i>	427.70	
<i>For Baked Enamel Standard Colors, Add</i>	641.55	
<i>For Anodized Finish, Add</i>	855.40	
<i>For Kynar® Standard Colors Finish, Add</i>	1,176.18	
08 91 19 00-0216 EA 96" Wide x 36" High Fixed Intake Louver, Galvanized Aluminum.....	2,998.94	217.17
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	256.46	
<i>For Clear Lacquer Finish, Add</i>	512.92	
<i>For Baked Enamel Standard Colors, Add</i>	769.38	
<i>For Anodized Finish, Add</i>	1,025.84	
<i>For Kynar® Standard Colors Finish, Add</i>	1,410.54	
08 91 19 00-0217 EA 96" Wide x 42" High Fixed Intake Louver, Galvanized Aluminum.....	3,324.70	224.79
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	287.51	
<i>For Clear Lacquer Finish, Add</i>	575.03	
<i>For Baked Enamel Standard Colors, Add</i>	862.54	
<i>For Anodized Finish, Add</i>	1,150.05	
<i>For Kynar® Standard Colors Finish, Add</i>	1,581.32	
08 91 19 00-0218 EA 96" Wide x 48" High Fixed Intake Louver, Galvanized Aluminum.....	3,608.53	232.41
Note: Includes bird screen.		
<i>For Flange Frame, Add</i>	314.37	
<i>For Clear Lacquer Finish, Add</i>	628.74	
<i>For Baked Enamel Standard Colors, Add</i>	943.12	
<i>For Anodized Finish, Add</i>	1,257.49	
<i>For Kynar® Standard Colors Finish, Add</i>	1,729.05	

08 Openings**08 90 Louvers and Vents****08 91 Louvers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
08 91 19 00-0219	EA	96" Wide x 54" High Fixed Intake Louver, Galvanized Aluminum		3,919.56	240.03
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		343.95	
		<i>For Clear Lacquer Finish, Add</i>		687.90	
		<i>For Baked Enamel Standard Colors, Add</i>		1,031.85	
		<i>For Anodized Finish, Add</i>		1,375.80	
		<i>For Kynar® Standard Colors Finish, Add</i>		1,891.73	
08 91 19 00-0220	EA	96" Wide x 60" High Fixed Intake Louver, Galvanized Aluminum		4,207.92	247.65
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		371.26	
		<i>For Clear Lacquer Finish, Add</i>		742.53	
		<i>For Baked Enamel Standard Colors, Add</i>		1,113.79	
		<i>For Anodized Finish, Add</i>		1,485.05	
		<i>For Kynar® Standard Colors Finish, Add</i>		2,041.95	
08 91 19 00-0221	EA	96" Wide x 66" High Fixed Intake Louver, Galvanized Aluminum		4,689.13	266.70
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		415.57	
		<i>For Clear Lacquer Finish, Add</i>		831.15	
		<i>For Baked Enamel Standard Colors, Add</i>		1,246.72	
		<i>For Anodized Finish, Add</i>		1,662.30	
		<i>For Kynar® Standard Colors Finish, Add</i>		2,285.66	
08 91 19 00-0222	EA	96" Wide x 72" High Fixed Intake Louver, Galvanized Aluminum		3,748.70	278.13
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		319.25	
		<i>For Clear Lacquer Finish, Add</i>		638.49	
		<i>For Baked Enamel Standard Colors, Add</i>		957.74	
		<i>For Anodized Finish, Add</i>		1,276.98	
		<i>For Kynar® Standard Colors Finish, Add</i>		1,755.85	
08 91 19 00-0223	EA	96" Wide x 78" High Fixed Intake Louver, Galvanized Aluminum		5,283.36	289.56
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		470.43	
		<i>For Clear Lacquer Finish, Add</i>		940.85	
		<i>For Baked Enamel Standard Colors, Add</i>		1,411.28	
		<i>For Anodized Finish, Add</i>		1,881.70	
		<i>For Kynar® Standard Colors Finish, Add</i>		2,587.34	
08 91 19 00-0224	EA	96" Wide x 84" High Fixed Intake Louver, Galvanized Aluminum		5,614.78	297.17
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		502.04	
		<i>For Clear Lacquer Finish, Add</i>		1,004.09	
		<i>For Baked Enamel Standard Colors, Add</i>		1,506.13	
		<i>For Anodized Finish, Add</i>		2,008.17	
		<i>For Kynar® Standard Colors Finish, Add</i>		2,761.24	
08 91 19 00-0225	EA	96" Wide x 90" High Fixed Intake Louver, Galvanized Aluminum		5,901.69	308.60
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		528.45	
		<i>For Clear Lacquer Finish, Add</i>		1,056.90	
		<i>For Baked Enamel Standard Colors, Add</i>		1,585.34	
		<i>For Anodized Finish, Add</i>		2,113.79	
		<i>For Kynar® Standard Colors Finish, Add</i>		2,906.46	
08 91 19 00-0226	EA	96" Wide x 96" High Fixed Intake Louver, Galvanized Aluminum		6,363.13	320.03
		Note: Includes bird screen.			
		<i>For Flange Frame, Add</i>		572.31	
		<i>For Clear Lacquer Finish, Add</i>		1,144.61	
		<i>For Baked Enamel Standard Colors, Add</i>		1,716.92	
		<i>For Anodized Finish, Add</i>		2,289.22	
		<i>For Kynar® Standard Colors Finish, Add</i>		3,147.68	
08 91 19 00-0227		Gable Louver Vents <small>(08 91 19)</small>			
		Note: 1" deep, residential/light commercial grade louvers.			
08 91 19 00-0228		Aluminum Gable Louver Vents <small>(08 91 19 00-0227)</small>			
		Note: Includes screen.			
08 91 19 00-0229		Rectangular Aluminum Gable Louver Vents <small>(08 91 19 00-0228)</small>			
		Note: Includes screen.			
08 91 19 00-0230	EA	12" x 18" Rectangular Fixed Aluminum Gable Louver Vent		264.23	10.87
08 91 19 00-0231	EA	12" x 24" Rectangular Fixed Aluminum Gable Louver Vent		288.89	12.48
08 91 19 00-0232	EA	18" x 24" Rectangular Fixed Aluminum Gable Louver Vent		333.38	14.09
08 91 19 00-0233	EA	18" x 30" Rectangular Fixed Aluminum Gable Louver Vent		365.77	14.97
08 91 19 00-0234	EA	24" x 30" Rectangular Fixed Aluminum Gable Louver Vent		417.97	15.86
08 91 19 00-0235	EA	24" x 36" Rectangular Fixed Aluminum Gable Louver Vent		467.15	19.02
08 91 19 00-0236	EA	30" x 36" Rectangular Fixed Aluminum Gable Louver Vent		540.91	23.78
08 91 19 00-0237	EA	30" x 42" Rectangular Fixed Aluminum Gable Louver Vent		602.38	27.75
08 91 19 00-0238	EA	36" x 42" Rectangular Fixed Aluminum Gable Louver Vent		688.42	33.29
08 91 19 00-0239	EA	42" x 48" Rectangular Fixed Aluminum Gable Louver Vent		860.53	44.39
08 91 19 00-0240		Square Aluminum Gable Louver Vents <small>(08 91 19 00-0228)</small>			
		Note: Includes screen.			
08 91 19 00-0241	EA	12" x 12" Square Fixed Aluminum Gable Louver Vent		241.82	10.01
08 91 19 00-0242	EA	18" x 18" Square Fixed Aluminum Gable Louver Vent		299.40	12.68
08 91 19 00-0243	EA	24" x 24" Square Fixed Aluminum Gable Louver Vent		375.67	14.96
08 91 19 00-0244	EA	30" x 30" Square Fixed Aluminum Gable Louver Vent		479.44	19.82
08 91 19 00-0245	EA	36" x 36" Square Fixed Aluminum Gable Louver Vent		614.66	28.54
08 91 19 00-0246	EA	42" x 42" Square Fixed Aluminum Gable Louver Vent		774.39	38.82
08 91 19 00-0247	EA	48" x 48" Square Fixed Aluminum Gable Louver Vent		958.88	50.73

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91 19 00-0248 Round Aluminum Gable Louver Vents (08 91 19 00-0228)		
Note: Includes screen.		
08 91 19 00-0249 EA 12" Diameter Round Fixed Aluminum Gable Louver Vent.....	241.82	10.01
08 91 19 00-0250 EA 18" Diameter Round Fixed Aluminum Gable Louver Vent.....	299.40	12.68
08 91 19 00-0251 EA 24" Diameter Round Fixed Aluminum Gable Louver Vent.....	375.67	14.96
08 91 19 00-0252 EA 30" Diameter Round Fixed Aluminum Gable Louver Vent.....	479.44	19.82
08 91 19 00-0253 EA 36" Diameter Round Fixed Aluminum Gable Louver Vent.....	614.66	28.54
08 91 19 00-0254 EA 42" Diameter Round Fixed Aluminum Gable Louver Vent.....	774.48	38.84
08 91 19 00-0255 Octagonal Aluminum Gable Louver Vents (08 91 19 00-0228)		
Note: Includes screen.		
08 91 19 00-0256 EA 12" x 12" Octagonal Fixed Aluminum Gable Louver Vent.....	241.82	10.01
08 91 19 00-0257 EA 12" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	264.23	10.87
08 91 19 00-0258 EA 12" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	288.89	12.48
08 91 19 00-0259 EA 18" x 18" Octagonal Fixed Aluminum Gable Louver Vent.....	299.40	12.68
08 91 19 00-0260 EA 18" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	333.38	14.09
08 91 19 00-0261 EA 18" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	365.77	14.97
08 91 19 00-0262 EA 24" x 24" Octagonal Fixed Aluminum Gable Louver Vent.....	375.67	14.96
08 91 19 00-0263 EA 24" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	417.97	15.86
08 91 19 00-0264 EA 24" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	467.15	19.02
08 91 19 00-0265 EA 30" x 30" Octagonal Fixed Aluminum Gable Louver Vent.....	479.44	19.82
08 91 19 00-0266 EA 30" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	540.91	23.78
08 91 19 00-0267 EA 30" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	602.38	27.75
08 91 19 00-0268 EA 36" x 36" Octagonal Fixed Aluminum Gable Louver Vent.....	614.66	28.54
08 91 19 00-0269 EA 36" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	688.42	33.29
08 91 19 00-0270 EA 36" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	762.19	38.05
08 91 19 00-0271 EA 42" x 42" Octagonal Fixed Aluminum Gable Louver Vent.....	774.48	38.84
08 91 19 00-0272 EA 42" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	860.53	44.39
08 91 19 00-0273 EA 48" x 48" Octagonal Fixed Aluminum Gable Louver Vent.....	958.88	50.73
08 91 19 00-0274 Round Top Aluminum Gable Louver Vents (08 91 19 00-0228)		
Note: Includes screen.		
08 91 19 00-0275 EA 12" x 12" Round Top Fixed Aluminum Gable Louver Vent.....	241.82	10.01
08 91 19 00-0276 EA 12" x 18" Round Top Fixed Aluminum Gable Louver Vent.....	264.23	10.87
08 91 19 00-0277 EA 12" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	288.89	12.48
08 91 19 00-0278 EA 18" x 18" Round Top Fixed Aluminum Gable Louver Vent.....	299.40	12.68
08 91 19 00-0279 EA 18" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	333.38	14.09
08 91 19 00-0280 EA 18" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	365.77	14.97
08 91 19 00-0281 EA 24" x 24" Round Top Fixed Aluminum Gable Louver Vent.....	375.67	14.96
08 91 19 00-0282 EA 24" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	417.97	15.86
08 91 19 00-0283 EA 24" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	467.15	19.02
08 91 19 00-0284 EA 30" x 30" Round Top Fixed Aluminum Gable Louver Vent.....	479.44	19.82
08 91 19 00-0285 EA 30" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	540.91	23.78
08 91 19 00-0286 EA 30" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	602.38	27.75
08 91 19 00-0287 EA 36" x 36" Round Top Fixed Aluminum Gable Louver Vent.....	614.66	28.54
08 91 19 00-0288 EA 36" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	688.42	33.29
08 91 19 00-0289 EA 36" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	762.19	38.05
08 91 19 00-0290 EA 42" x 42" Round Top Fixed Aluminum Gable Louver Vent.....	774.48	38.84
08 91 19 00-0291 EA 42" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	860.53	44.39
08 91 19 00-0292 EA 48" x 48" Round Top Fixed Aluminum Gable Louver Vent.....	958.88	50.73
08 91 19 00-0293 Triangle Aluminum Gable Louver Vents (08 91 19 00-0228)		
Note: Includes screen.		
08 91 19 00-0294 EA 36" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	506.98	12.48
08 91 19 00-0295 EA 36" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	573.93	14.96
08 91 19 00-0296 EA 48" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	616.24	15.86
08 91 19 00-0297 EA 48" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	705.06	19.02
08 91 19 00-0298 EA 48" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	786.75	19.82
08 91 19 00-0299 EA 60" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	640.04	23.78
08 91 19 00-0300 EA 60" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	751.08	27.75
08 91 19 00-0301 EA 60" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	852.58	28.54
08 91 19 00-0302 EA 60" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	965.99	33.29
08 91 19 00-0303 EA 72" Base x 24" High Triangle Fixed Aluminum Gable Louver Vent.....	762.19	38.05
08 91 19 00-0304 EA 72" Base x 30" High Triangle Fixed Aluminum Gable Louver Vent.....	883.53	38.84
08 91 19 00-0305 EA 72" Base x 36" High Triangle Fixed Aluminum Gable Louver Vent.....	1,019.14	44.39
08 91 19 00-0306 EA 72" Base x 42" High Triangle Fixed Aluminum Gable Louver Vent.....	1,157.14	50.73
08 91 19 00-0307 EA 72" Base x 48" High Triangle Fixed Aluminum Gable Louver Vent.....	1,298.81	58.30
08 91 19 00-0308 Vinyl Gable Louver Vents (08 91 19 00-0227)		
Note: Includes screen.		
08 91 19 00-0309 EA 12" x 12" Square Fixed Vinyl Gable Louver Vent.....	75.83	10.01
08 91 19 00-0310 EA 12" x 18" Rectangular Fixed Vinyl Gable Louver Vent.....	92.17	10.87
08 91 19 00-0311 EA 18" x 24" Rectangular Fixed Vinyl Gable Louver Vent.....	126.08	14.09
08 91 19 00-0312 EA 24" x 30" Rectangular Fixed Vinyl Gable Louver Vent.....	174.19	15.86
08 91 19 00-0313 EA 18" Diameter Round Fixed Vinyl Gable Louver Vent.....	122.48	12.68
08 91 19 00-0314 EA 22" Diameter Round Fixed Vinyl Gable Louver Vent.....	141.41	14.96
08 91 19 00-0315 EA 30" Diameter Round Fixed Vinyl Gable Louver Vent.....	199.95	19.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
08 91	19 00-0316	EA	36" Diameter Round Fixed Vinyl Gable Louver Vent.....	292.40	28.54
08 91	19 00-0317	EA	18" x 18" Octagonal Fixed Vinyl Gable Louver Vent.....	122.48	12.68
08 91	19 00-0318	EA	22" x 22" Octagonal Fixed Vinyl Gable Louver Vent.....	138.77	14.09
08 91	19 00-0319	EA	27" x 27" Octagonal Fixed Vinyl Gable Louver Vent.....	180.04	15.86
08 91	19 00-0320	EA	32" x 32" Octagonal Fixed Vinyl Gable Louver Vent.....	255.12	23.78
08 91	19 00-0321	EA	40" x 40" Octagonal Fixed Vinyl Gable Louver Vent.....	614.32	38.05
08 91	19 00-0322	EA	14" x 22" Round Top Fixed Vinyl Gable Louver Vent.....	120.02	12.48
08 91	19 00-0323	EA	22" x 32" Round Top Fixed Vinyl Gable Louver Vent.....	167.92	15.86
08 91	19 00-0324	EA	34" x 22" Half Round Fixed Vinyl Gable Louver Vent.....	172.87	19.02
08 91	19 00-0325	EA	52" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	405.27	23.78
08 91	19 00-0326	EA	56" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	405.27	23.78
08 91	19 00-0327	EA	56" Base x 26" High Triangle Fixed Vinyl Gable Louver Vent.....	405.27	23.78
08 91	19 00-0328	EA	62" Base x 23" High Triangle Fixed Vinyl Gable Louver Vent.....	405.27	23.78
08 91	19 00-0329	EA	62-1/2" Base x 21" High Triangle Fixed Vinyl Gable Louver Vent.....	405.27	23.78
08 91	19 00-0330	EA	70-1/2" Base x 17" High Triangle Fixed Vinyl Gable Louver Vent.....	448.12	38.05
08 91	19 00-0331	EA	70-1/2" Base x 20-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	448.12	38.05
08 91	19 00-0332	EA	72-1/2" Base x 18" High Triangle Fixed Vinyl Gable Louver Vent.....	448.12	38.05
08 91	19 00-0333	EA	74" Base x 14-1/2" High Triangle Fixed Vinyl Gable Louver Vent.....	448.12	38.05

08 95 Vents (08 90)

08 95 13 Soffit Vents (08 95)

08 95 13 00-0001 Aluminum Soffit Vents (08 95 13)

08 95	13 00-0002	LF	2-1/2" Wide Aluminum Soffit Vent.....	9.52	3.51
08 95	13 00-0003	LF	3" Wide Aluminum Soffit Vent.....	17.25	6.86
08 95	13 00-0004	EA	4" x 16" Under Eave Vent, Mill Finish.....	27.78	9.15
08 95	13 00-0005	EA	8" x 16" Under Eave Vent, Mill Finish.....	28.73	9.15

08 95 13 00-0006 Vinyl Soffit Vents (08 95 13)

08 95	13 00-0007	LF	Up To 2" Vinyl Soffit Vent, Perforated, White.....	6.50	2.68
			<i>For Colors, Add</i>	0.12	
08 95	13 00-0008	LF	3" To 4" Vinyl Soffit Vent, Perforated, White.....	6.61	2.68
			<i>For Colors, Add</i>	0.13	

08 95 16 Wall Vents (08 95)

08 95 16 00-0001 Foundation Vents (08 95 16)

08 95	16 00-0002	SI	Galvanized Steel Foundation Vent.....	0.53	0.22
08 95	16 00-0003	SI	Aluminum Foundation Vent.....	1.00	0.22
08 95	16 00-0004	SI	Stainless Steel Foundation Vent.....	1.07	0.22
08 95	16 00-0005	SI	Plastic Foundation Vent.....	0.69	0.22

END OF SECTION 08

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 Finishes

09 01 Maintenance of Finishes (09)

09 01 20 Maintenance of Plaster and Gypsum Board (09 01)

09 01 20 91 Plaster Restoration (09 01 20)

09 01 20 91-0001	SF	Cut And Patch Hole In Gypsum Board To Match Existing <small>(09 01 20 91)</small>			
<small>Note: Includes cutting of existing gypsum board, cutting new board to fit opening, taping, gypsum board finishing, and disposal of debris into dumpster. Per location. See CSI section 09 29 00 00-0000 for "Gypsum Board" repairs > 32 SF.</small>					
09 01 20 91-0002	SF	Up To 2 SF, Cut And Patch Hole In Gypsum Board To Match Existing			20.81
<small>Note: Per location.</small>					
09 01 20 91-0003	SF	>2 To 4 SF, Cut And Patch Hole In Gypsum Board To Match Existing			16.80
<small>Note: Per location.</small>					
09 01 20 91-0004	SF	>4 To 8 SF, Cut And Patch Hole In Gypsum Board To Match Existing			15.09
<small>Note: Per location.</small>					
09 01 20 91-0005	SF	>8 To 16 SF, Cut And Patch Hole In Gypsum Board To Match Existing			13.30
<small>Note: Per location.</small>					
09 01 20 91-0006	SF	>16 To 32 SF, Cut And Patch Hole In Gypsum Board To Match Existing			11.90
<small>Note: Per location. See CSI section 09 29 10 00-0001 for "Gypsum Board" repairs > 32 SF.</small>					

09 01 20 91-0007 Patch/Finish Gypsum Board To Match Existing (09 01 20 91)

<small>Note: Includes taping, gypsum board finishing. Per location. See CSI section 09 01 20 91-0001 for patching walls requiring gypsum board to be cut and installed.</small>					
09 01 20 91-0008	EA	Tape, Spackle And Finish Gypsum Board To Patch/Finish Small Diameter Holes Or Screw Head Pops			2.01
<small>For ASTM C840 Level 1 Finish, Deduct</small>					
<small>-0.98</small>					
<small>For ASTM C840 Level 2 Finish, Deduct</small>					
<small>-0.49</small>					
<small>For ASTM C840 Level 3 Finish, Deduct</small>					
<small>-0.20</small>					
<small>For ASTM C840 Level 5 High Quality Finish, Add</small>					
<small>1.49</small>					

09 01 20 91-0009 Plaster/Stucco Repair (09 01 20 91)

<small>Note: Per location.</small>					
09 01 20 91-0010		Clean And Repair Crack In Plaster/Stucco <small>(09 01 20 91-0009)</small>			
<small>Note: Includes plaster weld.</small>					
09 01 20 91-0011	LF	Up To 10', Chip, Clean And Repair Crack In Plaster/Stucco			20.30
09 01 20 91-0012	LF	>10' To 50', Chip, Clean And Repair Crack In Plaster/Stucco			16.29
09 01 20 91-0013	LF	>50' To 100', Chip, Clean And Repair Crack In Plaster/Stucco			13.28
09 01 20 91-0014	LF	>100' To 250', Chip, Clean And Repair Crack In Plaster/Stucco			10.28
09 01 20 91-0015	LF	>250' To 500', Chip, Clean And Repair Crack In Plaster/Stucco			8.28
09 01 20 91-0016	LF	>500', Chip, Clean And Repair Crack In Plaster/Stucco			6.28

09 01 20 91-0017 Cut And Patch Hole In Plaster/Stucco To Match Existing (09 01 20 91-0009)

<small>Note: Includes plaster weld.</small>					
09 01 20 91-0018	SF	Up To 10 SF, Cut And Patch Hole In Plaster To Match Existing			19.44
09 01 20 91-0019	SF	>10 To 50 SF, Cut And Patch Hole In Plaster To Match Existing			17.22
09 01 20 91-0020	SF	>50 To 100 SF, Cut And Patch Hole In Plaster To Match Existing			15.87
09 01 20 91-0021	SF	>100 To 250 SF, Cut And Patch Hole In Plaster To Match Existing			14.74
09 01 20 91-0022	SF	>250 To 500 SF, Cut And Patch Hole In Plaster To Match Existing			13.77
09 01 20 91-0023	SF	>500 SF, Cut And Patch Hole In Plaster To Match Existing			12.68

09 01 20 91-0024 Chip, Clean And Repair Plaster/Stucco (09 01 20 91-0009)

<small>Note: Includes plaster weld.</small>					
09 01 20 91-0025	SF	Up To 10 SF, Chip, Clean And Repair Plaster/Stucco			36.62
09 01 20 91-0026	SF	>10 To 50 SF, Chip, Clean And Repair Plaster/Stucco			26.60
09 01 20 91-0027	SF	>50 To 250 SF, Chip, Clean And Repair Plaster/Stucco			19.59
09 01 20 91-0028	SF	>250 SF, Chip, Clean And Repair Plaster/Stucco			15.58

09 01 30 Maintenance of Tiling (09 01)

09 01 30 91 Tile Restoration (09 01 30)

09 01 30 91-0001	SF	RegROUT Floor Tile Including Removal Of Loose Grout			5.95
09 01 30 91-0002	SF	RegROUT Wall Tile Including Removal Of Loose Grout			7.42
09 01 30 91-0003	SF	Up To 1 SF, Cut And Patch Hole In Wall Tile To Match Existing			39.39
<small>Note: Per location.</small>					

09 01 60 Maintenance of Flooring (09 01)

09 01 60 91 Flooring Restoration (09 01 60)

09 01 60 91-0001		Grinding, Polishing And Sealing Terrazzo <small>(09 01 60 91)</small>			
09 01 60 91-0002	CSF	Grinding, Polishing And Sealing Existing Terrazzo			327.70
09 01 60 91-0003	SF	Removal Of Setting Bed And Clean Area For Terrazzo Repair			5.06

09 Finishes

09 01 Maintenance of Finishes

09 01 60 Maintenance of Flooring



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 60 91-0004	SF		Repair Existing Terrazzo.....	21.49	
09 01 60 91-0005	LF		Repair Cracks In Existing Terrazzo	5.10	
09 01 60 91-0006			Standard Flooring Maintenance (09 01 60 91)		
09 01 60 91-0007	CSF		Steam Clean Carpet	42.71	
09 01 60 91-0008	CSF		Wax And Polish Tile And VCT Flooring	47.54	
			For Additional Coat, Add	39.96	
			For Stripping Existing Wax From Floor, Add	45.36	
09 01 60 91-0009	CSF		Wax And Polish Wood Flooring	29.80	
			For Additional Coat, Add	26.43	
			For Stripping Existing Wax From Floor, Add	45.36	
09 01 60 91-0010	MSF		Vacuum Floors.....	23.47	
09 01 60 91-0011			Prepare Existing Concrete Floor Prior To Installation Of Flooring (09 01 60 91)		
09 01 60 91-0012	SY		Grinding Of Existing Concrete Floor Prior To Installation Of Flooring.....	8.90	
			Note: Up to 1/8" of material per pass		
09 01 60 91-0013	LF		Up To 6" Wide, Hand Detail Work/Grinding At Wall Of Existing Concrete Floor Prior To Installation Of Flooring.....	17.26	
			Note: Up to 1/4" of material per pass		
09 01 60 91-0014	SY		Chemical Prepare Existing Concrete Floor Prior To Installation Of Flooring.....	7.30	
09 01 60 91-0015			Floor Sealants (09 01 60 91)		
09 01 60 91-0016	SF		Water-Based Emulsion, Masonry/Tile/Stone/Terrazzo Floor Sealant/Finish, Per Coat	1.42	
			Note: For terrazzo, concrete, quarry tile, brick and unglazed ceramic tile.		
09 01 60 91-0017	SF		Water-Based, Clear Acrylic, Concrete Floor Sealant/Finish, Per Coat	1.60	
			Note: For interior/exterior concrete surfaces.		
09 01 60 91-0018	SF		Fluorochemical Acrylate Copolymer Masonry/Tile/Stone/Terrazzo Floor Sealant	1.56	
09 01 60 91-0019	GAL		Masonry/Tile/Stone/Terrazzo Floor Sealant (Extra To Be Provided To Owner).....	48.51	
09 01 80 Maintenance of Acoustic Treatment (09 01)					
09 01 80 00-0001			Removal Of Acoustical Ceiling Treatment (09 01 80)		
09 01 80 00-0002	SF		Removal Of Acoustical And Popcorn Ceilings Treatment.....	2.56	
09 01 90 Maintenance of Painting and Coating (09 01)					
09 01 90 52 Maintenance Repainting (09 01 90)					
09 01 90 52-0001			Cleaning And Preparation Of Painted And Unpainted Surfaces (09 01 90 52)		
			Note: In excess of surface preparation required. Water blast and pressure washing includes mild detergent and rinsing of surface until detergent free. Media blast and water blast includes canvas/plastic for protection of existing surfaces as well as for containment and collection.		
09 01 90 52-0002			Concrete And Masonry Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0003	SF		Trisodium Phosphate (TSP), Clean Concrete Or Masonry Surfaces, Surface Preparation	0.45	
			For Up To 100, Add	0.32	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.06	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.07	
			For >30,000, Deduct	-0.09	
09 01 90 52-0004	SF		Calcimine Removal/Washing, Concrete And Masonry Surfaces, Surface Preparation.....	0.47	
			For Up To 100, Add	0.79	
			For >100 To 250, Add	0.21	
			For >250 To 500, Add	0.10	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.07	
			For >30,000, Deduct	-0.09	
09 01 90 52-0005	SF		Chemical Clean, Brush And Wash, Concrete And Masonry Surfaces, Surface Preparation	0.73	
			For Up To 100, Add	1.21	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.16	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.07	
			For >15,000 To 30,000, Deduct	-0.10	
			For >30,000, Deduct	-0.14	
09 01 90 52-0006	SF		Hand Scrape, Concrete And Masonry Surfaces, Surface Preparation	0.59	
			For Up To 100, Add	1.18	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.15	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.06	
			For >15,000 To 30,000, Deduct	-0.09	
			For >30,000, Deduct	-0.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0007 SF Steam Clean, Concrete And Masonry Surfaces, Surface Preparation.....	0.78	
For Up To 100, Add	1.34	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.17	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.07	
For >15,000 To 30,000, Deduct	-0.11	
For >30,000, Deduct	-0.15	
09 01 90 52-0008 SF 2,000 To 5,000 PSI Pressure Wash, Concrete And Masonry Surfaces, Surface Preparation.....	0.51	
For Up To 100, Add	0.83	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.11	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.05	
For >15,000 To 30,000, Deduct	-0.07	
For >30,000, Deduct	-0.10	
09 01 90 52-0009 SF 10,000 To 12,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation.....	1.41	
For Up To 100, Add	2.52	
For >100 To 250, Add	0.66	
For >250 To 500, Add	0.32	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 15,000, Deduct	-0.13	
For >15,000 To 30,000, Deduct	-0.21	
For >30,000, Deduct	-0.27	
09 01 90 52-0010 SF 30,000 To 40,000 PSI Water Blast, Concrete And Masonry Surfaces, Surface Preparation.....	2.31	
For Up To 100, Add	4.32	
For >100 To 250, Add	1.11	
For >250 To 500, Add	0.55	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 15,000, Deduct	-0.22	
For >15,000 To 30,000, Deduct	-0.34	
For >30,000, Deduct	-0.45	
09 01 90 52-0011 SF Abrasive Glass Media Blasting, Concrete And Masonry Surfaces, Surface Preparation.....	3.57	
Note: 3 lbs of sand or glass abrasive media material per SF		
For 4.5 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	2.07	
For 6 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	4.28	
For 9 lbs Of Abrasive Media Material per SF, Where Multiple Pass Is Required, Add	7.14	
For Up To 100, Add	6.05	
For >100 To 250, Add	1.60	
For >250 To 500, Add	0.78	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 15,000, Deduct	-0.33	
For >15,000 To 30,000, Deduct	-0.51	
For >30,000, Deduct	-0.68	
09 01 90 52-0012 Drywall Surfaces, Surface Preparation (09 01 90 52-0001)		
See CSI section 09 01 20 91-0007 for Patch holes other than nail/screw holes and greater than 1/2" diameter.		
09 01 90 52-0013 SF Hand Wash Drywall Surfaces With Mild Detergent Or Degreaser (No Sanding, Repairing Or Scraping), Surface Preparation.....	0.34	
For Up To 100, Add	0.68	
For >100 To 250, Add	0.17	
For >250 To 500, Add	0.09	
09 01 90 52-0014 SF Hand Wash, Minor Repair And Light Sanding Drywall Surfaces, Surface Preparation.....	0.58	
For Up To 100, Add	1.16	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.15	
09 01 90 52-0015 SF Hand Scrape, Repair And Sand Severely Damaged Drywall Surfaces, Surface Preparation.....	1.08	
For Up To 100, Add	2.06	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.26	
09 01 90 52-0016 Metal Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0017 SF Trisodium Phosphate (TSP), Clean Metal Surfaces, Surface Preparation.....	0.43	
For Up To 100, Add	0.31	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.09	
09 01 90 52-0018 SF Chemical Clean, Brush And Wash, Metal Surfaces, Surface Preparation.....	0.73	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.08	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.07	
For >15,000 To 30,000, Deduct	-0.10	
For >30,000, Deduct	-0.14	
09 01 90 52-0019 SF Hand Scraping And Sanding, Metal Surfaces, Surface Preparation.....	0.59	
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.06	
For >15,000 To 30,000, Deduct	-0.09	
For >30,000, Deduct	-0.12	

09 Finishes

09 01 Maintenance of Finishes

09 01 90 Maintenance of Painting and Coating



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0020	SF		2,000 To 5,000 PSI Pressure Wash, Metal Surfaces, Surface Preparation	0.49	
			For Up To 100, Add	0.29	
			For >100 To 250, Add	0.13	
			For >250 To 500, Add	0.06	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.07	
			For >30,000, Deduct	-0.09	
09 01 90 52-0021	SF		Power Tool Cleaning, Metal Surfaces, Surface Preparation	1.24	
			For Up To 100, Add	0.93	
			For >100 To 250, Add	0.43	
			For >250 To 500, Add	0.19	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 15,000, Deduct	-0.12	
			For >15,000 To 30,000, Deduct	-0.19	
			For >30,000, Deduct	-0.25	
09 01 90 52-0022	SF		Steam Cleaning, Metal Surfaces, Surface Preparation	0.50	
			For Up To 100, Add	0.26	
			For >100 To 250, Add	0.12	
			For >250 To 500, Add	0.05	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.07	
			For >30,000, Deduct	-0.09	
09 01 90 52-0023	SF		Loose Mill Scale With Fine Powder, Commercial Blast, Metal Surfaces, Surface Preparation	1.06	
			For Up To 100, Add	0.65	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 15,000, Deduct	-0.10	
			For >15,000 To 30,000, Deduct	-0.15	
			For >30,000, Deduct	-0.20	
09 01 90 52-0024	SF		Tight Mill Scale With Fine Powder Rust, Commercial Blast, Metal Surfaces, Surface Preparation	1.45	
			For Up To 100, Add	0.86	
			For >100 To 250, Add	0.40	
			For >250 To 500, Add	0.17	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 15,000, Deduct	-0.13	
			For >15,000 To 30,000, Deduct	-0.21	
			For >30,000, Deduct	-0.28	
09 01 90 52-0025	SF		Exterior Coating Blistered Pitted, Rust, Commercial Blast, Metal Surfaces, Surface Preparation	2.14	
			For Up To 100, Add	1.31	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.26	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 15,000, Deduct	-0.20	
			For >15,000 To 30,000, Deduct	-0.31	
			For >30,000, Deduct	-0.41	
09 01 90 52-0026	SF		Badly Pitted With Rust Nodules, Commercial Blast, Metal Surfaces, Surface Preparation	3.57	
			For Up To 100, Add	2.17	
			For >100 To 250, Add	1.01	
			For >250 To 500, Add	0.43	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 15,000, Deduct	-0.33	
			For >15,000 To 30,000, Deduct	-0.52	
			For >30,000, Deduct	-0.68	
09 01 90 52-0027	SF		Loose Mill Scale With Fine Powder Rust, Near White Blast, Metal Surfaces, Surface Preparation	2.73	
			For Up To 100, Add	1.63	
			For >100 To 250, Add	0.76	
			For >250 To 500, Add	0.33	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 15,000, Deduct	-0.25	
			For >15,000 To 30,000, Deduct	-0.39	
			For >30,000, Deduct	-0.52	
09 01 90 52-0028	SF		Tight Mill Scale Little Rust, Near White Blast, Metal Surfaces, Surface Preparation	3.38	
			For Up To 100, Add	2.00	
			For >100 To 250, Add	0.93	
			For >250 To 500, Add	0.40	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 15,000, Deduct	-0.31	
			For >15,000 To 30,000, Deduct	-0.49	
			For >30,000, Deduct	-0.64	
09 01 90 52-0029	SF		Exterior Coat Blistered Pitted Rust, Near White Blast, Metal Surfaces, Surface Preparation	4.38	
			For Up To 100, Add	2.60	
			For >100 To 250, Add	1.21	
			For >250 To 500, Add	0.52	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 15,000, Deduct	-0.40	
			For >15,000 To 30,000, Deduct	-0.63	
			For >30,000, Deduct	-0.83	
09 01 90 52-0030	SF		Badly Pitted Rust Nodules, Near White Blast, Metal Surfaces, Surface Preparation	5.48	
			For Up To 100, Add	3.26	
			For >100 To 250, Add	1.52	
			For >250 To 500, Add	0.65	
			For >5,000 To 10,000, Deduct	-0.25	
			For >10,000 To 15,000, Deduct	-0.50	
			For >15,000 To 30,000, Deduct	-0.79	
			For >30,000, Deduct	-1.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0031 Tile Surfaces, Surface Preparation <small>(09 01 90 52-0001)</small>		
09 01 90 52-0032 SF Trisodium Phosphate (TSP), Clean Tile Surfaces, Surface Preparation.....	0.39	
For Up To 100, Add	0.28	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.08	
09 01 90 52-0033 CSF Chemical Alkaline Cleaner, Brush And Wash Tile Surfaces, Surface Preparation	38.15	
For Up To 100, Add	28.35	
For >100 To 250, Add	13.23	
For >250 To 500, Add	5.67	
For >5,000 To 10,000, Deduct	-1.90	
For >10,000 To 15,000, Deduct	-3.80	
For >15,000 To 30,000, Deduct	-5.71	
For >30,000, Deduct	-7.61	
09 01 90 52-0034 SF 2,000 To 5,000 PSI, Pressure Wash Tile Surfaces, Surface Preparation	0.35	
For Up To 100, Add	0.21	
For >100 To 250, Add	0.10	
For >250 To 500, Add	0.04	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.03	
For >15,000 To 30,000, Deduct	-0.05	
For >30,000, Deduct	-0.07	
09 01 90 52-0035 Wood Surfaces, Surface Preparation <small>(09 01 90 52-0001)</small>		
09 01 90 52-0036 SF Prepare New Wood Floor For Finish, Multi Grit Sanding/Screening	1.52	
For Up To 100, Add	1.07	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.21	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 15,000, Deduct	-0.15	
For >15,000 To 30,000, Deduct	-0.23	
For >30,000, Deduct	-0.30	
09 01 90 52-0037 SF Trisodium Phosphate (TSP), Clean Wood Surfaces, Surface Preparation	0.41	
For Up To 100, Add	0.29	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.04	
For >15,000 To 30,000, Deduct	-0.06	
For >30,000, Deduct	-0.08	
09 01 90 52-0038 SF Chemical Clean, Brush And Wash Wood Surfaces, Surface Preparation	0.62	
For Up To 100, Add	0.34	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 15,000, Deduct	-0.06	
For >15,000 To 30,000, Deduct	-0.09	
For >30,000, Deduct	-0.12	
09 01 90 52-0039 SF Hand Scrape Wood Surfaces, Surface Preparation.....	0.79	
For Up To 100, Add	0.59	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.08	
For >15,000 To 30,000, Deduct	-0.12	
For >30,000, Deduct	-0.16	
09 01 90 52-0040 SF Steam Clean Wood Surfaces, Surface Preparation.....	0.76	
For Up To 100, Add	0.46	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.07	
For >15,000 To 30,000, Deduct	-0.11	
For >30,000, Deduct	-0.14	
09 01 90 52-0041 SF 2,000 To 5,000 PSI, Pressure Wash Wood Surfaces, Surface Preparation	0.53	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 15,000, Deduct	-0.05	
For >15,000 To 30,000, Deduct	-0.08	
For >30,000, Deduct	-0.10	
09 01 90 52-0042 SF Sanding Wood Paneling, Boards, Doors Or Other Wood Surfaces, Surface Preparation	0.81	
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >5,000 To 10,000, Deduct	-0.04	
For >10,000 To 15,000, Deduct	-0.08	
For >15,000 To 30,000, Deduct	-0.12	
For >30,000, Deduct	-0.16	

09 Finishes**09 01 Maintenance of Finishes****09 01 90 Maintenance of Painting and Coating**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 01 90 52-0043	SF		Sanding Wood Trim Surfaces, Surface Preparation	1.09	
			For Up To 100, Add	0.76	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 15,000, Deduct	-0.11	
			For >15,000 To 30,000, Deduct	-0.16	
			For >30,000, Deduct	-0.21	
09 01 90 52-0044	SF		Prime Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.73	
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.21	
			For >250 To 500, Add	0.09	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.07	
			For >15,000 To 30,000, Deduct	-0.11	
			For >30,000, Deduct	-0.14	
09 01 90 52-0045	SF		Paint Wood Surfaces With Linseed Oil, 1 Coat, Surface Preparation	0.84	
			For Up To 100, Add	0.53	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 15,000, Deduct	-0.08	
			For >15,000 To 30,000, Deduct	-0.12	
			For >30,000, Deduct	-0.16	
09 01 90 52-0046			Vinyl Siding Surfaces, Surface Preparation (09 01 90 52-0001)		
09 01 90 52-0047	SF		Trisodium Phosphate (TSP), Clean, Vinyl Siding Surfaces, Surface Preparation	0.39	
			For Up To 100, Add	0.28	
			For >100 To 250, Add	0.13	
			For >250 To 500, Add	0.06	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.08	
09 01 90 52-0048	SF		Hand Wash, Vinyl Siding Surfaces, Surface Preparation	0.62	
			For Up To 100, Add	0.44	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.09	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.06	
			For >15,000 To 30,000, Deduct	-0.09	
			For >30,000, Deduct	-0.12	
09 01 90 52-0049	SF		2,000 To 5,000 PSI Pressure Wash, Vinyl Siding Surfaces, Surface Preparation	0.44	
			For Up To 100, Add	0.24	
			For >100 To 250, Add	0.11	
			For >250 To 500, Add	0.05	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.06	
			For >30,000, Deduct	-0.08	
09 01 90 52-0050	SF		Steam Clean, Vinyl Siding Surfaces, Surface Preparation	0.81	
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.21	
			For >250 To 500, Add	0.09	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 15,000, Deduct	-0.07	
			For >15,000 To 30,000, Deduct	-0.12	
			For >30,000, Deduct	-0.15	
09 01 90 52-0051			Plaster/Stucco Surfaces, Surface Preparation (09 01 90 52-0001)		
			Note: Based on total project quantity.		
09 01 90 52-0052	SF		Trisodium Phosphate (TSP), Clean Plaster/Stucco Surfaces, Surface Preparation	0.45	
			For Up To 100, Add	0.32	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.06	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 15,000, Deduct	-0.04	
			For >15,000 To 30,000, Deduct	-0.07	
			For >30,000, Deduct	-0.09	
09 01 90 52-0053	SF		2,000 To 5,000 PSI Pressure Wash Plaster/Stucco Surfaces, Surface Preparation	0.57	
			For Up To 100, Add	0.33	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.07	
			For >5,000 To 10,000, Deduct	-0.03	
			For >10,000 To 15,000, Deduct	-0.05	
			For >15,000 To 30,000, Deduct	-0.08	
			For >30,000, Deduct	-0.11	
09 01 90 52-0054			Prep Work (09 01 90 52-0001)		
09 01 90 52-0055	SF		Citrus Strip, Single Applications	1.09	
			Note: For removal of up to 40 mils each application (average 5 layers at 8 mils per layer) dried latex and oil-based paint, varnish, lacquer, polyurethane and shellac from wood, metal, and masonry surfaces. Multiple applications may be necessary, refer to manufacturer recommendations		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 01 90 61 Repainting (09 01 90)

09 01 90 61-0001	Touchup and "Spot" Painting Of Surfaces <small>(09 01 90 61)</small>	
	Note: For use on individual areas less than 10 SF.	
09 01 90 61-0002	SF "Spot" Paint Drywall, Plaster, Wood And Concrete Surfaces, Per Coat	1.35

09 01 90 91 Paint Restoration (09 01 90)

09 01 90 91-0001	Paint Removal, Strip To Bare Wood <small>(09 01 90 91)</small>	
09 01 90 91-0002	SF Flat Surfaces, Paint Removal, Strip To Bare Wood	6.94
09 01 90 91-0003	SF Cornices And Decorative Trim To 12" Wide, Paint Removal, Strip To Bare Wood	7.39

09 05 Common Work Results for Finishes (09)

09 05 61 Common Work Results for Flooring Preparation (09 05)

09 05 61 13 Moisture Vapor Emission Control (09 05 61)

09 05 61 13-0001	Moisture Vapor Reduction System (Koester VAP) <small>(09 05 61 13)</small>	
09 05 61 13-0002	EA Up To 200 SF, Water Vapor Emission Control System (Koester VAP 1-2000)	3,002.73
	Note: Clear	
09 05 61 13-0003	SF >200 To 500 SF, Water Vapor Emission Control System (Koester VAP 1-2001)	15.89
	Note: Clear	
09 05 61 13-0004	SF >500 To 1,000 SF, Water Vapor Emission Control System (Koester VAP 1-2002)	10.59
	Note: Clear	
09 05 61 13-0005	SF >1,000 To 3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2003)	8.83
	Note: Clear	
09 05 61 13-0006	SF >3,000 SF, Water Vapor Emission Control System (Koester VAP 1-2004)	7.06
	Note: Clear	
09 05 61 13-0007	Moisture Vapor Transmission Control (Dependable Cutdown® II) <small>(09 05 61 13)</small>	
09 05 61 13-0008	SF 8# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	4.67
09 05 61 13-0009	SF 15# Two Coats, Moisture Vapor Transmission Control (Dependable Cutdown® II)	6.45

09 05 71 Acoustic Underlayment (09 05)

09 05 71 00-0001	Tile And Stone Acoustical Underlayment <small>(09 05 71)</small>	
09 05 71 00-0002	SF 5 Mil Tile And Stone Acoustical Underlayment (EasyMat)	4.07
	<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	0.48
09 05 71 00-0003	Resilient Floor Acoustical Underlayment <small>(09 05 71)</small>	
09 05 71 00-0004	SF Vinyl, Linoleum, LVT And Vinyl Strip Flooring Acoustical Underlayment (Impacta, Soundseal VC300)	2.74
09 05 71 00-0005	SF 2 MM Thick Resilient Plank Floor Acoustical Underlayment (Floormuffler)	1.28
09 05 71 00-0006	SF 0.055" Thick High Density Polyurethane Foam Floor Acoustical Underlayment (Silencer LVT)	1.21

09 20 Plaster and Gypsum Board (09)

09 22 Supports for Plaster and Gypsum Board (09 20)

Note: Per SF of wall area measures one side. Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 22 13 Metal Furring (09 22)

09 22 13 13 Metal Channel Furring (09 22 13)

09 22 13 13-0001	Hat Furring Channel <small>(09 22 13 13)</small>		
	Note: Includes clips where required.		
09 22 13 13-0002	Installed On Walls, Hat Furring Channel <small>(09 22 13 13-0001)</small>		
09 22 13 13-0003	SF 7/8", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	4.32	1.77
	<i>For Walls >10' High, Add</i>	0.53	
	<i>For 24" On Center, Deduct</i>	-0.51	
	<i>For 12" On Center, Add</i>	0.69	
	<i>For 22 Gauge, Add</i>	0.40	
	<i>For 20 Gauge, Add</i>	1.05	
09 22 13 13-0004	SF 1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Hat Furring Channel	4.63	1.77
	<i>For Walls >10' High, Add</i>	0.53	
	<i>For 24" On Center, Deduct</i>	-0.57	
	<i>For 12" On Center, Add</i>	0.75	
	<i>For 22 Gauge, Add</i>	0.55	
	<i>For 20 Gauge, Add</i>	1.26	

09 22 13 13-0005	Installed On Columns And Beams, Hat Furring Channel <small>(09 22 13 13-0001)</small>	
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09 Finishes

09 20 Plaster and Gypsum Board

09 22 Supports for Plaster and Gypsum Board

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 22 13 13-0006	SF	7/8", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	6.22	2.71
		<i>For Columns And Beams >10' High, Add</i>	1.09	
		<i>For 24" On Center, Deduct</i>	-0.70	
		<i>For 12" On Center, Add</i>	0.97	
		<i>For 22 Gauge, Add</i>	0.40	
		<i>For 20 Gauge, Add</i>	1.34	
09 22 13 13-0007	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Columns And Beams, Hat Furring Channel	6.53	2.71
		<i>For Columns And Beams >10' High, Add</i>	1.09	
		<i>For 24" On Center, Deduct</i>	-0.76	
		<i>For 12" On Center, Add</i>	1.03	
		<i>For 22 Gauge, Add</i>	0.55	
		<i>For 20 Gauge, Add</i>	1.54	
09 22 13 13-0008		Installed On Ceilings, Hat Furring Channel <small>(09 22 13 13-0001)</small>		
09 22 13 13-0009	SF	7/8", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	5.64	2.17
		<i>For Ceilings >10' High, Add</i>	0.65	
		<i>For 24" On Center, Deduct</i>	-0.69	
		<i>For 12" On Center, Add</i>	0.91	
		<i>For 22 Gauge, Add</i>	0.65	
		<i>For 20 Gauge, Add</i>	1.51	
09 22 13 13-0010	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Ceilings, Hat Furring Channel	5.95	2.17
		<i>For Ceilings >10' High, Add</i>	0.65	
		<i>For 24" On Center, Deduct</i>	-0.76	
		<i>For 12" On Center, Add</i>	0.97	
		<i>For 22 Gauge, Add</i>	0.81	
		<i>For 20 Gauge, Add</i>	1.71	
09 22 13 13-0011		Z Furring Channel <small>(09 22 13 13)</small>		
09 22 13 13-0012		Installed On Walls, Z Furring Channel <small>(09 22 13 13-0011)</small>		
09 22 13 13-0013	SF	1", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.84	1.77
		<i>For Walls >10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.42	
		<i>For 12" On Center, Add</i>	0.59	
		<i>For 22 Gauge, Add</i>	0.16	
		<i>For 20 Gauge, Add</i>	0.73	
09 22 13 13-0014	SF	1-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.90	1.77
		<i>For Walls >10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.43	
		<i>For 12" On Center, Add</i>	0.60	
		<i>For 22 Gauge, Add</i>	0.19	
		<i>For 20 Gauge, Add</i>	0.77	
09 22 13 13-0015	SF	2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	3.95	1.77
		<i>For Walls >10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.44	
		<i>For 12" On Center, Add</i>	0.61	
		<i>For 22 Gauge, Add</i>	0.21	
		<i>For 20 Gauge, Add</i>	0.81	
09 22 13 13-0016	SF	2-1/2", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.00	1.77
		<i>For Walls >10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.45	
		<i>For 12" On Center, Add</i>	0.62	
		<i>For 22 Gauge, Add</i>	0.24	
		<i>For 20 Gauge, Add</i>	0.84	
09 22 13 13-0017	SF	3", 25 Gauge, 16" On Center, Installed On Walls, Z Furring Channel	4.04	1.77
		<i>For Walls >10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.46	
		<i>For 12" On Center, Add</i>	0.63	
		<i>For 22 Gauge, Add</i>	0.26	
		<i>For 20 Gauge, Add</i>	0.87	
09 22 13 23		Resilient Channel Furring <small>(09 22 13)</small>		
09 22 13 23-0001		Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 23)</small>		
		Note: Includes clips where required.		
09 22 13 23-0002		Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 23-0001)</small>		
09 22 13 23-0003	SF	25 Gauge, 16" On Center, Installed On Walls, Single-Leg Resilient Channel, RC1 Furring Channel	4.19	1.77
		<i>For Walls >10' High, Add</i>	0.53	
		<i>For 24" On Center, Deduct</i>	-0.49	
		<i>For 12" On Center, Add</i>	0.66	
		<i>For 20 Gauge, Add</i>	0.97	
09 22 13 23-0004		Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel <small>(09 22 13 23-0001)</small>		
09 22 13 23-0005	SF	25 Gauge, 16" On Center, Installed On Ceilings, Single-Leg Resilient Channel, RC1 Furring Channel	5.00	2.17
		<i>For Ceilings >10' High, Add</i>	0.65	
		<i>For 24" On Center, Deduct</i>	-0.57	
		<i>For 12" On Center, Add</i>	0.78	
		<i>For 20 Gauge, Add</i>	1.09	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 22	13 23-0006		Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 23)</small> Note: Includes clips where required.		
	09 22	13 23-0007		Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 23-0006)</small>		
	09 22	13 23-0008	SF	25 Gauge, 16" On Center, Installed On Walls, Double-Leg Resilient Channel, RC2 Furring Channel	4.43	1.77
				<i>For Walls >10' High, Add</i>	0.53	
				<i>For 24" On Center, Deduct</i>	-0.53	
				<i>For 12" On Center, Add</i>	0.71	
				<i>For 20 Gauge, Add</i>	1.12	
	09 22	13 23-0009		Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel <small>(09 22 13 23-0006)</small>		
	09 22	13 23-0010	SF	25 Gauge, 16" On Center, Installed On Ceilings, Double-Leg Resilient Channel, RC2 Furring Channel	5.24	2.17
				<i>For Ceilings >10' High, Add</i>	0.65	
				<i>For 24" On Center, Deduct</i>	-0.61	
				<i>For 12" On Center, Add</i>	0.83	
				<i>For 20 Gauge, Add</i>	1.25	
	09 22	16		Non-Structural Metal Framing <small>(09 22)</small> Note: Includes studs, bridging, fasteners, and metal stiffener at half height. Do not deduct for openings of less than 25 SF.		
	09 22	16 13		Non-Structural Metal Stud Framing <small>(09 22 16)</small>		
	09 22	16 13-0001		25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners <small>(09 22 16 13)</small>		
	09 22	16 13-0002	SF	1-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.72	0.73
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	0.54	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.74	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.30	
				<i>For Horizontal Installation Up To 10' High, Add</i>	0.55	
				<i>For Horizontal Installation >10' High, Add</i>	0.73	
				<i>For Curved Wall, Add</i>	0.55	
				<i>For 12" On Center, Add</i>	0.45	
				<i>For 24" On Center, Deduct</i>	-0.45	
				<i>For Up To 100, Add</i>	0.91	
				<i>For >100 To 300, Add</i>	0.46	
				<i>For >1,000, Deduct</i>	-0.22	
	09 22	16 13-0003	SF	2-1/2" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	2.91	0.77
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	0.58	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.83	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.40	
				<i>For Horizontal Installation Up To 10' High, Add</i>	0.58	
				<i>For Horizontal Installation >10' High, Add</i>	0.77	
				<i>For Curved Wall, Add</i>	0.58	
				<i>For 12" On Center, Add</i>	0.49	
				<i>For 24" On Center, Deduct</i>	-0.49	
				<i>For Up To 100, Add</i>	0.97	
				<i>For >100 To 300, Add</i>	0.48	
				<i>For >1,000, Deduct</i>	-0.24	
	09 22	16 13-0004	SF	3-5/8" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.15	0.80
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	0.63	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	1.93	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.54	
				<i>For Horizontal Installation Up To 10' High, Add</i>	0.62	
				<i>For Horizontal Installation >10' High, Add</i>	0.82	
				<i>For Curved Wall, Add</i>	0.61	
				<i>For 12" On Center, Add</i>	0.53	
				<i>For 24" On Center, Deduct</i>	-0.53	
				<i>For Up To 100, Add</i>	1.03	
				<i>For >100 To 300, Add</i>	0.52	
				<i>For >1,000, Deduct</i>	-0.27	
	09 22	16 13-0005	SF	4" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners	3.36	0.84
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	0.67	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.03	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.67	
				<i>For Horizontal Installation Up To 10' High, Add</i>	0.65	
				<i>For Horizontal Installation >10' High, Add</i>	0.87	
				<i>For Curved Wall, Add</i>	0.64	
				<i>For 12" On Center, Add</i>	0.57	
				<i>For 24" On Center, Deduct</i>	-0.57	
				<i>For Up To 100, Add</i>	1.10	
				<i>For >100 To 300, Add</i>	0.55	
				<i>For >1,000, Deduct</i>	-0.29	

09 Finishes

09 20 Plaster and Gypsum Board

09 22 Supports for Plaster and Gypsum Board

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 22 16 13-0006	SF	6" Width, 16" On Center, 25 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners		3.75	0.89
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.06	
		<i>For Walls >10' High, Add</i>		0.75	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.16	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>		2.83	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.71	
		<i>For Horizontal Installation >10' High, Add</i>		0.93	
		<i>For Curved Wall, Add</i>		0.67	
		<i>For 12" On Center, Add</i>		0.64	
		<i>For 24" On Center, Deduct</i>		-0.64	
		<i>For Up To 100, Add</i>		1.20	
		<i>For >100 To 300, Add</i>		0.60	
		<i>For >1,000, Deduct</i>		-0.34	
09 22 16 13-0007		20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners (09 22 16 13)			
09 22 16 13-0008	SF	1-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners		3.05	0.75
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.06	
		<i>For Walls >10' High, Add</i>		0.61	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.81	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>		2.37	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.59	
		<i>For Horizontal Installation >10' High, Add</i>		0.78	
		<i>For Curved Wall, Add</i>		0.56	
		<i>For 12" On Center, Add</i>		0.52	
		<i>For 24" On Center, Deduct</i>		-0.52	
		<i>For Up To 100, Add</i>		0.99	
		<i>For >100 To 300, Add</i>		0.49	
		<i>For >1,000, Deduct</i>		-0.27	
09 22 16 13-0009	SF	2-1/2" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners		3.35	0.79
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.06	
		<i>For Walls >10' High, Add</i>		0.67	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		1.92	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>		2.51	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.63	
		<i>For Horizontal Installation >10' High, Add</i>		0.83	
		<i>For Curved Wall, Add</i>		0.59	
		<i>For 12" On Center, Add</i>		0.57	
		<i>For 24" On Center, Deduct</i>		-0.57	
		<i>For Up To 100, Add</i>		1.07	
		<i>For >100 To 300, Add</i>		0.53	
		<i>For >1,000, Deduct</i>		-0.30	
09 22 16 13-0010	SF	3-5/8" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners		3.68	0.82
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.06	
		<i>For Walls >10' High, Add</i>		0.74	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.02	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>		2.65	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.68	
		<i>For Horizontal Installation >10' High, Add</i>		0.89	
		<i>For Curved Wall, Add</i>		0.62	
		<i>For 12" On Center, Add</i>		0.63	
		<i>For 24" On Center, Deduct</i>		-0.63	
		<i>For Up To 100, Add</i>		1.15	
		<i>For >100 To 300, Add</i>		0.58	
		<i>For >1,000, Deduct</i>		-0.35	
09 22 16 13-0011	SF	4" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural Structural, Galvanized Steel Framing With Tracks And Runners		3.92	0.86
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.06	
		<i>For Walls >10' High, Add</i>		0.78	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.13	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>		2.78	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.72	
		<i>For Horizontal Installation >10' High, Add</i>		0.93	
		<i>For Curved Wall, Add</i>		0.65	
		<i>For 12" On Center, Add</i>		0.68	
		<i>For 24" On Center, Deduct</i>		-0.68	
		<i>For Up To 100, Add</i>		1.22	
		<i>For >100 To 300, Add</i>		0.61	
		<i>For >1,000, Deduct</i>		-0.37	
09 22 16 13-0012	SF	6" Width, 16" On Center, 20 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners		5.39	0.91
		<i>For Powder-Actuated Fasteners Every 2', Add</i>		0.06	
		<i>For Walls >10' High, Add</i>		1.08	
		<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>		2.36	
		<i>For Soffit, Columns Or Beams >10' High, Add</i>		3.05	
		<i>For Horizontal Installation Up To 10' High, Add</i>		0.88	
		<i>For Horizontal Installation >10' High, Add</i>		1.11	
		<i>For Curved Wall, Add</i>		0.68	
		<i>For 12" On Center, Add</i>		0.96	
		<i>For 24" On Center, Deduct</i>		-0.96	
		<i>For Up To 100, Add</i>		1.53	
		<i>For >100 To 300, Add</i>		0.77	
		<i>For >1,000, Deduct</i>		-0.58	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0013				18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners <small>(09 22 16 13)</small>		
09 22 16 13-0014	SF			2-1/2" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.56	0.80
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	0.91	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.07	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.68	
				<i>For Horizontal Installation Up To 10' High, Add</i>	0.76	
				<i>For Horizontal Installation >10' High, Add</i>	0.96	
				<i>For Curved Wall, Add</i>	0.61	
				<i>For 12" On Center, Add</i>	0.81	
				<i>For 24" On Center, Deduct</i>	-0.81	
				<i>For Up To 100, Add</i>	1.32	
				<i>For >100 To 300, Add</i>	0.66	
				<i>For >1,000, Deduct</i>	-0.48	
09 22 16 13-0015	SF			3-5/8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.04	0.84
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	1.01	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.21	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.85	
				<i>For Horizontal Installation Up To 10' High, Add</i>	0.82	
				<i>For Horizontal Installation >10' High, Add</i>	1.04	
				<i>For Curved Wall, Add</i>	0.64	
				<i>For 12" On Center, Add</i>	0.90	
				<i>For 24" On Center, Deduct</i>	-0.90	
				<i>For Up To 100, Add</i>	1.43	
				<i>For >100 To 300, Add</i>	0.72	
				<i>For >1,000, Deduct</i>	-0.54	
09 22 16 13-0016	SF			4" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.40	0.89
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	1.08	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.32	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.99	
				<i>For Horizontal Installation Up To 10' High, Add</i>	0.87	
				<i>For Horizontal Installation >10' High, Add</i>	1.10	
				<i>For Curved Wall, Add</i>	0.67	
				<i>For 12" On Center, Add</i>	0.97	
				<i>For 24" On Center, Deduct</i>	-0.97	
				<i>For Up To 100, Add</i>	1.53	
				<i>For >100 To 300, Add</i>	0.76	
				<i>For >1,000, Deduct</i>	-0.59	
09 22 16 13-0017	SF			6" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	7.00	0.93
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	1.40	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.57	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.27	
				<i>For Horizontal Installation Up To 10' High, Add</i>	1.05	
				<i>For Horizontal Installation >10' High, Add</i>	1.29	
				<i>For Curved Wall, Add</i>	0.70	
				<i>For 12" On Center, Add</i>	1.28	
				<i>For 24" On Center, Deduct</i>	-1.28	
				<i>For Up To 100, Add</i>	1.87	
				<i>For >100 To 300, Add</i>	0.93	
				<i>For >1,000, Deduct</i>	-0.82	
09 22 16 13-0018	SF			8" Width, 16" On Center, 18 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	7.61	0.99
				<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
				<i>For Walls >10' High, Add</i>	1.52	
				<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.72	
				<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.46	
				<i>For Horizontal Installation Up To 10' High, Add</i>	1.13	
				<i>For Horizontal Installation >10' High, Add</i>	1.37	
				<i>For Curved Wall, Add</i>	0.74	
				<i>For 12" On Center, Add</i>	1.40	
				<i>For 24" On Center, Deduct</i>	-1.40	
				<i>For Up To 100, Add</i>	2.01	
				<i>For >100 To 300, Add</i>	1.01	
				<i>For >1,000, Deduct</i>	-0.90	

09 22 16 13-0019 **16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners** (09 22 16 13)

09 Finishes

09 20 Plaster and Gypsum Board

09 22 Supports for Plaster and Gypsum Board

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0020	SF		2-1/2" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	4.84	0.82
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls >10' High, Add</i>	0.97	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.14	
			<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.76	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.79	
			<i>For Horizontal Installation >10' High, Add</i>	1.00	
			<i>For Curved Wall, Add</i>	0.62	
			<i>For 12" On Center, Add</i>	0.86	
			<i>For 24" On Center, Deduct</i>	-0.86	
			<i>For Up To 100, Add</i>	1.38	
			<i>For >100 To 300, Add</i>	0.69	
			<i>For >1,000, Deduct</i>	-0.52	
09 22 16 13-0021	SF		3-5/8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	5.67	0.86
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls >10' High, Add</i>	1.13	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.30	
			<i>For Soffit, Columns Or Beams >10' High, Add</i>	2.95	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.89	
			<i>For Horizontal Installation >10' High, Add</i>	1.11	
			<i>For Curved Wall, Add</i>	0.65	
			<i>For 12" On Center, Add</i>	1.03	
			<i>For 24" On Center, Deduct</i>	-1.03	
			<i>For Up To 100, Add</i>	1.57	
			<i>For >100 To 300, Add</i>	0.78	
			<i>For >1,000, Deduct</i>	-0.63	
09 22 16 13-0022	SF		4" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	6.00	0.91
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls >10' High, Add</i>	1.20	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.42	
			<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.11	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.94	
			<i>For Horizontal Installation >10' High, Add</i>	1.17	
			<i>For Curved Wall, Add</i>	0.68	
			<i>For 12" On Center, Add</i>	1.09	
			<i>For 24" On Center, Deduct</i>	-1.09	
			<i>For Up To 100, Add</i>	1.66	
			<i>For >100 To 300, Add</i>	0.83	
			<i>For >1,000, Deduct</i>	-0.67	
09 22 16 13-0023	SF		6" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	7.54	0.96
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls >10' High, Add</i>	1.51	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.67	
			<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.39	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.11	
			<i>For Horizontal Installation >10' High, Add</i>	1.35	
			<i>For Curved Wall, Add</i>	0.72	
			<i>For 12" On Center, Add</i>	1.39	
			<i>For 24" On Center, Deduct</i>	-1.39	
			<i>For Up To 100, Add</i>	1.99	
			<i>For >100 To 300, Add</i>	0.99	
			<i>For >1,000, Deduct</i>	-0.89	
09 22 16 13-0024	SF		8" Width, 16" On Center, 16 Gauge, Non-Load Bearing, Non-Structural, Galvanized Steel Stud Framing With Tracks And Runners.....	8.30	1.01
			<i>For Powder-Actuated Fasteners Every 2', Add</i>	0.06	
			<i>For Walls >10' High, Add</i>	1.66	
			<i>For Soffit, Columns Or Beams Up To 10' High, Add</i>	2.85	
			<i>For Soffit, Columns Or Beams >10' High, Add</i>	3.60	
			<i>For Horizontal Installation Up To 10' High, Add</i>	1.21	
			<i>For Horizontal Installation >10' High, Add</i>	1.46	
			<i>For Curved Wall, Add</i>	0.76	
			<i>For 12" On Center, Add</i>	1.53	
			<i>For 24" On Center, Deduct</i>	-1.53	
			<i>For Up To 100, Add</i>	2.16	
			<i>For >100 To 300, Add</i>	1.08	
			<i>For >1,000, Deduct</i>	-0.99	

09 22 16 13-0025 Galvanized Steel Backing Plates (09 22 16 13)

Note: Used to attach fixtures, cabinets, shelves or handrails to metal stud walls.

09 22 16 13-0026	LF		3" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.49	
09 22 16 13-0027	LF		4" Wide, 25 Gauge Galvanized Steel Backing Plate.....	1.82	
09 22 16 13-0028	LF		6" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.35	
09 22 16 13-0029	LF		8" Wide, 25 Gauge Galvanized Steel Backing Plate.....	2.89	
09 22 16 13-0030	LF		10" Wide, 25 Gauge Galvanized Steel Backing Plate.....	3.41	
09 22 16 13-0031	LF		12" Wide, 25 Gauge Galvanized Steel Backing Plate.....	4.05	
09 22 16 13-0032	LF		3" Wide, 20 Gauge Galvanized Steel Backing Plate.....	1.92	
09 22 16 13-0033	LF		4" Wide, 20 Gauge Galvanized Steel Backing Plate.....	2.39	
09 22 16 13-0034	LF		6" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.19	
09 22 16 13-0035	LF		8" Wide, 20 Gauge Galvanized Steel Backing Plate.....	3.99	
09 22 16 13-0036	LF		10" Wide, 20 Gauge Galvanized Steel Backing Plate.....	4.82	
09 22 16 13-0037	LF		12" Wide, 20 Gauge Galvanized Steel Backing Plate.....	5.72	
09 22 16 13-0038	LF		3" Wide, 16 Gauge Galvanized Steel Backing Plate.....	2.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 16 13-0039 LF 4" Wide, 16 Gauge Galvanized Steel Backing Plate.....	3.27	
09 22 16 13-0040 LF 6" Wide, 16 Gauge Galvanized Steel Backing Plate.....	4.46	
09 22 16 13-0041 LF 8" Wide, 16 Gauge Galvanized Steel Backing Plate.....	5.64	
09 22 16 13-0042 LF 10" Wide, 16 Gauge Galvanized Steel Backing Plate.....	6.91	
09 22 16 13-0043 LF 12" Wide, 16 Gauge Galvanized Steel Backing Plate.....	8.14	
09 22 16 13-0044 LF 3" Wide, 14 Gauge Galvanized Steel Backing Plate.....	3.10	
09 22 16 13-0045 LF 4" Wide, 14 Gauge Galvanized Steel Backing Plate.....	3.91	
09 22 16 13-0046 LF 6" Wide, 14 Gauge Galvanized Steel Backing Plate.....	5.40	
09 22 16 13-0047 LF 8" Wide, 14 Gauge Galvanized Steel Backing Plate.....	6.90	
09 22 16 13-0048 LF 10" Wide, 14 Gauge Galvanized Steel Backing Plate.....	8.49	
09 22 16 13-0049 LF 12" Wide, 14 Gauge Galvanized Steel Backing Plate.....	10.04	
09 22 36 Lath (09 22)		
09 22 36 13 Gypsum Lath (09 22 36)		
09 22 36 13-0001 Plaster Base Gypsum Panels (09 22 36 13)		
09 22 36 13-0002 SF 3/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	1.51	0.49
<i>For Walls >10' High, Add</i>	0.12	
<i>For Up To 100, Add</i>	0.49	
<i>For >100 To 500, Add</i>	0.25	
<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0003 SF 1/2" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	2.11	0.56
<i>For Walls >10' High, Add</i>	0.14	
<i>For Up To 100, Add</i>	0.57	
<i>For >100 To 500, Add</i>	0.28	
<i>For >5,000, Deduct</i>	-0.11	
09 22 36 13-0004 SF 5/8" Thick, Installed On Studs Or Furred Walls, Plaster Base Gypsum Panel.....	2.71	0.65
<i>For Walls >10' High, Add</i>	0.16	
<i>For Up To 100, Add</i>	0.65	
<i>For >100 To 500, Add</i>	0.33	
<i>For >5,000, Deduct</i>	-0.13	
09 22 36 13-0005 SF 3/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	1.90	0.68
<i>For Ceilings >10' High, Add</i>	0.21	
<i>For Up To 100, Add</i>	0.69	
<i>For >100 To 500, Add</i>	0.34	
<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0006 SF 1/2" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	2.56	0.79
<i>For Ceilings >10' High, Add</i>	0.24	
<i>For Up To 100, Add</i>	0.79	
<i>For >100 To 500, Add</i>	0.40	
<i>For >5,000, Deduct</i>	-0.16	
09 22 36 13-0007 SF 5/8" Thick, Installed On Ceiling, Plaster Base Gypsum Panel.....	3.22	0.91
<i>For Ceilings >10' High, Add</i>	0.27	
<i>For Up To 100, Add</i>	0.91	
<i>For >100 To 500, Add</i>	0.45	
<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0008 SF 3/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	2.29	0.88
<i>For Columns And Beams >10' High, Add</i>	0.26	
<i>For Up To 100, Add</i>	0.88	
<i>For >100 To 500, Add</i>	0.44	
<i>For >5,000, Deduct</i>	-0.18	
09 22 36 13-0009 SF 1/2" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	3.01	1.02
<i>For Columns And Beams >10' High, Add</i>	0.30	
<i>For Up To 100, Add</i>	1.02	
<i>For >100 To 500, Add</i>	0.51	
<i>For >5,000, Deduct</i>	-0.20	
09 22 36 13-0010 SF 5/8" Thick, Installed On Columns And Beams, Plaster Base Gypsum Panel.....	3.73	1.18
<i>For Columns And Beams >10' High, Add</i>	0.35	
<i>For Up To 100, Add</i>	1.16	
<i>For >100 To 500, Add</i>	0.58	
<i>For >5,000, Deduct</i>	-0.23	
09 22 36 13-0011 Firestop Plaster Base Gypsum Panels (09 22 36 13)		
09 22 36 13-0012 SF 3/8" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	2.15	0.49
<i>For Walls >10' High, Add</i>	0.12	
<i>For Up To 100, Add</i>	0.49	
<i>For >100 To 500, Add</i>	0.25	
<i>For >5,000, Deduct</i>	-0.10	
09 22 36 13-0013 SF 1/2" Thick, Installed On Studs Or Furred Walls, Firestop Plaster Base Gypsum Panel.....	2.50	0.56
<i>For Walls >10' High, Add</i>	0.14	
<i>For Up To 100, Add</i>	0.57	
<i>For >100 To 500, Add</i>	0.28	
<i>For >5,000, Deduct</i>	-0.11	
09 22 36 13-0014 SF 3/8" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	2.54	0.68
<i>For Ceilings >10' High, Add</i>	0.21	
<i>For Up To 100, Add</i>	0.69	
<i>For >100 To 500, Add</i>	0.34	
<i>For >5,000, Deduct</i>	-0.14	
09 22 36 13-0015 SF 1/2" Thick, Installed On Ceilings, Firestop Plaster Base Gypsum Panel.....	2.95	0.79
<i>For Ceilings >10' High, Add</i>	0.24	
<i>For Up To 100, Add</i>	0.79	
<i>For >100 To 500, Add</i>	0.40	
<i>For >5,000, Deduct</i>	-0.16	

09 Finishes
09 20 Plaster and Gypsum Board
09 22 Supports for Plaster and Gypsum Board



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 13-0016	SF		3/8" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel..... <i>For Columns And Beams >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.93 0.26 0.88 0.44 -0.18	0.88
09 22 36 13-0017	SF		1/2" Thick, Installed On Columns And Beams, Firestop Plaster Base Gypsum Panel..... <i>For Columns And Beams >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	3.40 0.30 1.02 0.51 -0.20	1.02
09 22 36 13-0018 Foil Back Plaster Base Gypsum Panels <small>(09 22 36 13)</small>					
09 22 36 13-0019	SF		3/8" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel..... <i>For Walls >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.15 0.12 0.49 0.25 -0.10	0.49
09 22 36 13-0020	SF		1/2" Thick, Installed On Studs Or Furred Walls, Foil Back Plaster Base Gypsum Panel..... <i>For Walls >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.50 0.14 0.57 0.28 -0.11	0.56
09 22 36 13-0021	SF		3/8" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.54 0.21 0.69 0.34 -0.14	0.68
09 22 36 13-0022	SF		1/2" Thick, Installed On Ceiling, Foil Back Plaster Base Gypsum Panel..... <i>For Ceilings >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.95 0.24 0.79 0.40 -0.16	0.79
09 22 36 13-0023	SF		3/8" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel..... <i>For Columns And Beams >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.93 0.26 0.88 0.44 -0.18	0.88
09 22 36 13-0024	SF		1/2" Thick, Installed On Columns And Beams, Foil Back Plaster Base Gypsum Panel..... <i>For Columns And Beams >10' High, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	3.40 0.30 1.02 0.51 -0.20	1.02
09 22 36 23 Metal Lath <small>(09 22 36)</small>					
09 22 36 23-0001 Flat Diamond, Expanded Metal Lath <small>(09 22 36 23)</small>					
09 22 36 23-0002	SF		1.75 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath..... <i>For Walls >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.42 0.19 0.06 0.76 0.38 -0.15	0.67
09 22 36 23-0003	SF		2 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath..... <i>For Walls >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.54 0.19 0.06 0.76 0.38 -0.15	0.67
09 22 36 23-0004	SF		2.5 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath..... <i>For Walls >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.67 0.19 0.06 0.76 0.38 -0.15	0.67
09 22 36 23-0005	SF		3.4 LB/SY, Installed On Studs Or Furred Walls, Flat Diamond, Expanded Metal Lath..... <i>For Walls >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	3.09 0.20 0.06 0.81 0.40 -0.16	0.72
09 22 36 23-0006	SF		1.75 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath..... <i>For Ceilings >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.64 0.26 0.06 0.87 0.43 -0.17	0.77
09 22 36 23-0007	SF		2 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath..... <i>For Ceilings >10' High, Add</i> <i>For Paper Backed Lath, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >5,000, Deduct</i>	2.76 0.26 0.06 0.87 0.43 -0.17	0.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 22 36 23-0008 SF 2.5 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	2.89	0.77
<i>For Ceilings >10' High, Add</i>	0.26	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.87	
<i>For >100 To 500, Add</i>	0.43	
<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0009 SF 3.4 LB/SY, Installed On Ceiling, Flat Diamond, Expanded Metal Lath.....	3.21	0.77
<i>For Ceilings >10' High, Add</i>	0.26	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.87	
<i>For >100 To 500, Add</i>	0.43	
<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0010 SF 1.75 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.43	1.09
<i>For Columns And Beams >10' High, Add</i>	0.36	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.21	
<i>For >100 To 500, Add</i>	0.60	
<i>For >5,000, Deduct</i>	-0.24	
09 22 36 23-0011 SF 2 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.56	1.09
<i>For Columns And Beams >10' High, Add</i>	0.36	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.21	
<i>For >100 To 500, Add</i>	0.60	
<i>For >5,000, Deduct</i>	-0.24	
09 22 36 23-0012 SF 2.5 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	3.68	1.09
<i>For Columns And Beams >10' High, Add</i>	0.36	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.21	
<i>For >100 To 500, Add</i>	0.60	
<i>For >5,000, Deduct</i>	-0.24	
09 22 36 23-0013 SF 3.4 LB/SY, Installed On Columns And Beams, Flat Diamond, Expanded Metal Lath.....	4.61	1.37
<i>For Columns And Beams >10' High, Add</i>	0.45	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.51	
<i>For >100 To 500, Add</i>	0.76	
<i>For >5,000, Deduct</i>	-0.30	
09 22 36 23-0014 Self Furring, Flat Diamond, Expanded Metal Lath <small>(09 22 36 23)</small>		
09 22 36 23-0015 SF 1.75 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.52	0.72
<i>For Walls >10' High, Add</i>	0.20	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.81	
<i>For >100 To 500, Add</i>	0.40	
<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0016 SF 2.0 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.64	0.72
<i>For Walls >10' High, Add</i>	0.20	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.81	
<i>For >100 To 500, Add</i>	0.40	
<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0017 SF 2.5 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	2.77	0.72
<i>For Walls >10' High, Add</i>	0.20	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.81	
<i>For >100 To 500, Add</i>	0.40	
<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0018 SF 3.4 LB/SY, Installed On Solid Wall Surface, Self Furring, Flat Diamond, Expanded Metal Lath.....	3.09	0.72
<i>For Walls >10' High, Add</i>	0.20	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	0.81	
<i>For >100 To 500, Add</i>	0.40	
<i>For >5,000, Deduct</i>	-0.16	
09 22 36 23-0019 SF 1.75 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	4.04	1.37
<i>For Columns And Beams >10' High, Add</i>	0.45	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.51	
<i>For >100 To 500, Add</i>	0.76	
<i>For >5,000, Deduct</i>	-0.30	
09 22 36 23-0020 SF 2.0 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	4.17	1.37
<i>For Columns And Beams >10' High, Add</i>	0.45	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.51	
<i>For >100 To 500, Add</i>	0.76	
<i>For >5,000, Deduct</i>	-0.30	
09 22 36 23-0021 SF 2.5 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	4.29	1.37
<i>For Columns And Beams >10' High, Add</i>	0.45	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.51	
<i>For >100 To 500, Add</i>	0.76	
<i>For >5,000, Deduct</i>	-0.30	
09 22 36 23-0022 SF 3.4 LB/SY, Installed On Columns And Beams, Self Furring, Flat Diamond, Expanded Metal Lath.....	5.04	1.56
<i>For Columns And Beams >10' High, Add</i>	0.52	
<i>For Paper Backed Lath, Add</i>	0.06	
<i>For Up To 100, Add</i>	1.73	
<i>For >100 To 500, Add</i>	0.86	
<i>For >5,000, Deduct</i>	-0.35	

09 Finishes

09 20 Plaster and Gypsum Board

09 22 Supports for Plaster and Gypsum Board

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 22 36 23-0023 High Rib Metal Lath <small>(09 22 36 23)</small>				
09 22 36 23-0024	SF	2.75 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	2.99	0.77
		<i>For Ceilings >10' High, Add</i>	0.26	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 500, Add</i>	0.43	
		<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0025	SF	3.4 LB/SY, Installed On Ceiling, 1/8" High Rib Metal Lath	3.17	0.77
		<i>For Ceilings >10' High, Add</i>	0.26	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 500, Add</i>	0.43	
		<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0026	SF	3.4 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.29	0.77
		<i>For Ceilings >10' High, Add</i>	0.26	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 500, Add</i>	0.43	
		<i>For >5,000, Deduct</i>	-0.17	
09 22 36 23-0027	SF	4.0 LB/SY, Installed On Ceiling, 3/8" High Rib Metal Lath	3.50	0.77
		<i>For Ceilings >10' High, Add</i>	0.26	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 500, Add</i>	0.43	
		<i>For >5,000, Deduct</i>	-0.17	
09 22 36 33 Fiberglass Lath <small>(09 22 36)</small>				
09 22 36 33-0001 Non-Metallic, Fiberglass Lath <small>(09 22 36 33)</small>				
09 22 36 33-0002	SF	1/8" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.28	0.77
		<i>For Ceilings >10' High, Add</i>	0.26	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 500, Add</i>	0.43	
		<i>For >5,000, Deduct</i>	-0.17	
09 22 36 33-0003	SF	1/4" Thick, Installed On Ceiling, Non-Metallic, Fiberglass Lath	3.52	0.77
		<i>For Ceilings >10' High, Add</i>	0.26	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 500, Add</i>	0.43	
		<i>For >5,000, Deduct</i>	-0.17	
09 22 36 33-0004	SF	1/8" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.16	0.72
		<i>For Walls >10' High, Add</i>	0.20	
		<i>For Up To 100, Add</i>	0.81	
		<i>For >100 To 500, Add</i>	0.40	
		<i>For >5,000, Deduct</i>	-0.16	
09 22 36 33-0005	SF	1/4" Thick, Installed On Solid Wall Surface, Non-Metallic, Fiberglass Lath	3.40	0.72
		<i>For Walls >10' High, Add</i>	0.20	
		<i>For Up To 100, Add</i>	0.81	
		<i>For >100 To 500, Add</i>	0.40	
		<i>For >5,000, Deduct</i>	-0.16	
09 23 Gypsum Plastering <small>(09 20)</small>				
09 23 13 Acoustical Gypsum Plastering <small>(09 23)</small>				
Note: Excludes lath, furring and studs. See CSI section 09 22 00 00-0000 for metal studs and furring, 09 22 36 00-0000 for lath.				
09 23 13 00-0001 Casing And Corner Beads <small>(09 23 13)</small>				
09 23 13 00-0002	LF	Galvanized Expanded Flange Casing Bead For Plaster Applications	4.53	1.09
09 23 13 00-0003	LF	Zinc Expanded Flange Casing Bead For Plaster Applications	4.54	1.09
09 23 13 00-0004	LF	Vinyl Expanded Flange Casing Bead For Plaster Applications	4.47	1.09
09 23 13 00-0005	LF	Galvanized Corner Bead For Plaster Applications	4.34	1.09
09 23 13 00-0006	LF	Vinyl Corner Bead For Plaster Applications	4.22	1.09
09 23 13 00-0007 Trim <small>(09 23 13)</small>				
09 23 13 00-0008	LF	Galvanized "J" Trim For Plaster Applications	4.60	1.09
		<i>For Vinyl Instead Of Galvanized, Add</i>	0.21	
		<i>For Zinc Instead Of Galvanized, Add</i>	1.39	
09 23 13 00-0009	LF	Galvanized "L" Trim For Plaster Applications	4.60	1.09
		<i>For Vinyl Instead Of Galvanized, Add</i>	0.21	
		<i>For Zinc Instead Of Galvanized, Add</i>	1.39	
09 23 13 00-0010	LF	Galvanized "U" Trim For Plaster Applications	4.60	1.09
		<i>For Vinyl Instead Of Galvanized, Add</i>	0.21	
		<i>For Zinc Instead Of Galvanized, Add</i>	1.39	
09 23 13 00-0011 Plaster Forms And Expansion Joints <small>(09 23 13)</small>				
09 23 13 00-0012	LF	3/4" Galvanized Expansion Joint For Plaster Applications	5.41	1.09
09 23 13 00-0013 One Skim Coat Gypsum Plaster On Walls <small>(09 23 13)</small>				

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 23 13 00-0014 SF Skim Coat One Coat Gypsum Plaster On Walls	1.31	
For Walls >10' High, Add	0.11	
For Horizontal Installation Up To 10' High, Add	0.17	
For Horizontal Installation >10' High, Add	0.33	
For Columns Or Beams Up To 10' High, Add	0.34	
For Columns Or Beams >10' High, Add	0.51	
For Up To 100, Add	0.56	
For >100 To 500, Add	0.28	
For >5,000, Deduct	-0.22	
09 23 13 00-0015 SF For Each Additional Coat Over One, Skim Coat Gypsum Plaster On Walls	0.95	
For Walls >10' High, Add	0.08	
For Horizontal Installation Up To 10' High, Add	0.12	
For Horizontal Installation >10' High, Add	0.24	
For Columns Or Beams Up To 10' High, Add	0.25	
For Columns Or Beams >10' High, Add	0.37	
For Up To 100, Add	0.40	
For >100 To 500, Add	0.20	
For >5,000, Deduct	-0.16	
09 23 13 00-0016 Two Coats Gypsum Plaster On Walls (09 23 13)		
09 23 13 00-0017 SF Smooth Finish Two Coats Gypsum Plaster On Walls	6.48	3.71
For Walls >10' High, Add	0.61	
For Horizontal Installation Up To 10' High, Add	0.92	
For Horizontal Installation >10' High, Add	1.83	
For Columns Or Beams Up To 10' High, Add	1.89	
For Columns Or Beams >10' High, Add	2.81	
For Up To 100, Add	3.06	
For >100 To 500, Add	1.53	
For >5,000, Deduct	-1.22	
09 23 13 00-0018 SF Sand Aggregate Two Coats Gypsum Plaster On Walls	6.54	3.50
For Walls >10' High, Add	0.57	
For Horizontal Installation Up To 10' High, Add	0.86	
For Horizontal Installation >10' High, Add	1.72	
For Columns Or Beams Up To 10' High, Add	1.78	
For Columns Or Beams >10' High, Add	2.64	
For Up To 100, Add	2.87	
For >100 To 500, Add	1.43	
For >5,000, Deduct	-1.15	
09 23 13 00-0019 SF Perlite Or Vermiculite Two Coats Gypsum Plaster On Walls	6.71	3.50
For Walls >10' High, Add	0.57	
For Horizontal Installation Up To 10' High, Add	0.86	
For Horizontal Installation >10' High, Add	1.72	
For Columns Or Beams Up To 10' High, Add	1.78	
For Columns Or Beams >10' High, Add	2.64	
For Up To 100, Add	2.87	
For >100 To 500, Add	1.43	
For >5,000, Deduct	-1.15	
09 23 13 00-0020 Three Coats Gypsum Plaster On Walls (09 23 13)		
09 23 13 00-0021 SF Smooth Finish Three Coats Gypsum Plaster On Walls	7.84	4.51
For Walls >10' High, Add	0.73	
For Horizontal Installation Up To 10' High, Add	1.10	
For Horizontal Installation >10' High, Add	2.19	
For Columns Or Beams Up To 10' High, Add	2.26	
For Columns Or Beams >10' High, Add	3.36	
For Up To 100, Add	3.65	
For >100 To 500, Add	1.83	
For >5,000, Deduct	-1.46	
09 23 13 00-0022 SF Sand Aggregate Three Coats Gypsum Plaster On Walls	7.74	4.11
For Walls >10' High, Add	0.68	
For Horizontal Installation Up To 10' High, Add	1.02	
For Horizontal Installation >10' High, Add	2.03	
For Columns Or Beams Up To 10' High, Add	2.10	
For Columns Or Beams >10' High, Add	3.11	
For Up To 100, Add	3.39	
For >100 To 500, Add	1.69	
For >5,000, Deduct	-1.35	
09 23 13 00-0023 SF Perlite Or Vermiculite Three Coats Gypsum Plaster On Walls	7.38	4.11
For Walls >10' High, Add	0.67	
For Horizontal Installation Up To 10' High, Add	1.01	
For Horizontal Installation >10' High, Add	2.02	
For Columns Or Beams Up To 10' High, Add	2.09	
For Columns Or Beams >10' High, Add	3.10	
For Up To 100, Add	3.37	
For >100 To 500, Add	1.68	
For >5,000, Deduct	-1.35	
09 23 13 00-0024 Plaster Bonding Agent (09 23 13)		
09 23 13 00-0025 SF 1 Coat, Brush/Roller Applied Plaster Bonding Agent	0.73	
For Walls >10' High, Add	0.06	
For Columns Or Beams Up To 10' High, Add	0.18	
For Columns Or Beams >10' High, Add	0.26	
For Ceiling Application Up To 10' High, Add	0.08	
For Ceiling Application >10' High, Add	0.13	

09 Finishes

09 20 Plaster and Gypsum Board

09 23 Gypsum Plastering

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 24 Cement Plastering (09 20)

09 24 13 Acoustical Cement Plastering (09 24)

09 24 13 00-0001 Keene's Cement Plaster, Quick Setting, White Hard Plaster (09 24 13)

Note: Used for areas with higher than normal moisture.

09 24 13 00-0002	SF	1 Coat Keene's Cement Plaster On Walls	4.90	2.50
		<i>For Walls >10' High, Add</i>	0.40	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.60	
		<i>For Horizontal Installation >10' High, Add</i>	1.20	
		<i>For Columns Or Beams Up To 10' High, Add</i>	1.24	
		<i>For Columns Or Beams >10' High, Add</i>	1.84	
		<i>For Up To 100, Add</i>	2.01	
		<i>For >100 To 500, Add</i>	1.00	
		<i>For >5,000, Deduct</i>	-0.80	
09 24 13 00-0003	SF	2 Coat Keene's Cement Plaster On Walls	7.48	3.91
		<i>For Walls >10' High, Add</i>	0.64	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.95	
		<i>For Horizontal Installation >10' High, Add</i>	1.91	
		<i>For Columns Or Beams Up To 10' High, Add</i>	1.97	
		<i>For Columns Or Beams >10' High, Add</i>	2.92	
		<i>For Up To 100, Add</i>	3.18	
		<i>For >100 To 500, Add</i>	1.59	
		<i>For >5,000, Deduct</i>	-1.27	
09 24 13 00-0004	SF	3 Coat Keene's Cement Plaster On Walls	8.46	4.41
		<i>For Walls >10' High, Add</i>	0.72	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.08	
		<i>For Horizontal Installation >10' High, Add</i>	2.15	
		<i>For Columns Or Beams Up To 10' High, Add</i>	2.23	
		<i>For Columns Or Beams >10' High, Add</i>	3.30	
		<i>For Up To 100, Add</i>	3.59	
		<i>For >100 To 500, Add</i>	1.80	
		<i>For >5,000, Deduct</i>	-1.44	

09 24 23 Cement Stucco (09 24)

Note: Packaged product reinforced with fibers. All plastering excludes lath, furring or studs except as noted. See CSI section 09 22 00 00-0000 for metal studs and furring.

09 24 23 00-0001 Stucco (09 24 23)

Note: Excludes wall scaffolding or lifting equipment.

09 24 23 00-0002	SF	Scratch/Brown/Finish, Three Coat Troweled Stucco	9.56	3.11
		Note: Excludes lath and felt. Interior or exterior, one side.		
		<i>For Walls >10' High, Add</i>	0.85	
		<i>For Horizontal Installation Up To 10' High, Add</i>	1.27	
		<i>For Horizontal Installation >10' High, Add</i>	2.55	
		<i>For Columns Or Beams Up To 10' High, Add</i>	2.63	
		<i>For Columns Or Beams >10' High, Add</i>	3.91	
		<i>For Color Added To Finish Coat, Add</i>	0.15	
		<i>For Smooth Float Finish, Add</i>	1.78	
		<i>For Up To 100, Add</i>	4.25	
		<i>For >100 To 500, Add</i>	2.12	
		<i>For >5,000, Deduct</i>	-1.70	
09 24 23 00-0003	SF	Scratch/Brown, Two Coat Troweled Stucco	4.05	1.50
		Note: Excludes lath and felt. Interior or exterior, one side.		
		<i>For Walls >10' High, Add</i>	0.31	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.47	
		<i>For Horizontal Installation >10' High, Add</i>	0.93	
		<i>For Columns Or Beams Up To 10' High, Add</i>	0.96	
		<i>For Columns Or Beams >10' High, Add</i>	1.43	
		<i>For Up To 100, Add</i>	1.56	
		<i>For >100 To 500, Add</i>	0.78	
		<i>For >5,000, Deduct</i>	-0.62	
09 24 23 00-0004	SF	Scratch/Finish, Two Coat Troweled Stucco	6.29	1.50
		Note: Excludes lath and felt. Interior or exterior, one side.		
		<i>For Walls >10' High, Add</i>	0.55	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.83	
		<i>For Horizontal Installation >10' High, Add</i>	1.65	
		<i>For Columns Or Beams Up To 10' High, Add</i>	1.71	
		<i>For Columns Or Beams >10' High, Add</i>	2.53	
		<i>For Color Added To Finish Coat, Add</i>	0.15	
		<i>For Smooth Float Finish, Add</i>	1.52	
		<i>For Up To 100, Add</i>	2.76	
		<i>For >100 To 500, Add</i>	1.38	
		<i>For >5,000, Deduct</i>	-1.10	
09 24 23 00-0005	SF	Finish Coat Troweled Stucco	4.14	1.00
		Note: Excludes lath and felt. Interior or exterior, one side.		
		<i>For Walls >10' High, Add</i>	0.40	
		<i>For Horizontal Installation Up To 10' High, Add</i>	0.60	
		<i>For Horizontal Installation >10' High, Add</i>	1.20	
		<i>For Columns Or Beams Up To 10' High, Add</i>	1.24	
		<i>For Columns Or Beams >10' High, Add</i>	1.84	
		<i>For Color Added To Finish Coat, Add</i>	0.15	
		<i>For Smooth Float Finish, Add</i>	1.51	
		<i>For Up To 100, Add</i>	2.01	
		<i>For >100 To 500, Add</i>	1.00	
		<i>For >5,000, Deduct</i>	-0.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 24 33 Cement Parging (09 24)

09 24 33 00-0001	Cement Parging (09 24 33)		
09 24 33 00-0002	SF 1/8" Thick Sand And Cement Parging	3.62	
09 24 33 00-0003	SF 1/4" Thick Sand And Cement Parging	4.62	
09 24 33 00-0004	SF 1/2" Thick Sand And Cement Parging	5.76	

09 28 Backing Boards and Underlayments (09 28)

09 28 13 Cementitious Backing Boards (09 28)

09 28 13 00-0001	Cementitious Backer Units (09 28 13) Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 13 00-0002	SF 1/4" Cementitious Backer Units For Installation On Floors	3.88	0.72
	<i>For Up To 50, Add</i>	3.12	
	<i>For >50 To 250, Add</i>	0.57	
	<i>For >1,000, Deduct</i>	-0.29	
	<i>For Installation On Wall, Add</i>	0.57	
	<i>For Installation On Ceiling, Add</i>	1.43	
09 28 13 00-0003	SF 1/2" Cementitious Backer Units For Installation On Floors	4.48	0.86
	<i>For Up To 50, Add</i>	3.69	
	<i>For >50 To 250, Add</i>	0.69	
	<i>For >1,000, Deduct</i>	-0.34	
	<i>For Installation On Wall, Add</i>	0.69	
	<i>For Installation On Ceiling, Add</i>	1.72	
09 28 13 00-0004	SF 5/8" Cementitious Backer Units For Installation On Floors	5.47	1.00
	<i>For Up To 50, Add</i>	4.37	
	<i>For >50 To 250, Add</i>	0.80	
	<i>For >1,000, Deduct</i>	-0.40	
	<i>For Installation On Wall, Add</i>	0.80	
	<i>For Installation On Ceiling, Add</i>	2.00	

09 28 16 Glass-Mat Faced Gypsum Backing Boards (09 28)

09 28 16 00-0001	Glass Mat Faced Backer Units, DensShield (09 28 16) Note: Installed with mechanical fasteners to floor, wall and ceiling surfaces. Use thin-set from setting methods section for floor installations as applicable.		
09 28 16 00-0002	SF 1/2" DensShield Tile Backer For Installation On Floors	3.45	0.80
	<i>For Up To 50, Add</i>	2.40	
	<i>For >50 To 250, Add</i>	0.41	
	<i>For >1,000, Deduct</i>	-0.21	
	<i>For Installation On Wall, Add</i>	0.41	
	<i>For Installation On Ceiling, Add</i>	1.03	
09 28 16 00-0003	SF 5/8" DensShield Tile Backer For Installation On Floors	4.16	0.92
	<i>For Up To 50, Add</i>	2.76	
	<i>For >50 To 250, Add</i>	0.46	
	<i>For >1,000, Deduct</i>	-0.23	
	<i>For Installation On Wall, Add</i>	0.46	
	<i>For Installation On Ceiling, Add</i>	1.15	

09 29 Gypsum Board (09 29)

Note: Do not deduct for opens of less than 25 SF when calculating total wall square footage.

09 29 10 Gypsum Board (09 29)

09 29 10 00-0001	Standard Gypsum Board Application (09 29 10) Note: Includes gypsum board screwed in place on walls, ceilings, beams, columns, soffits, etc.. Excludes finishing. See CSI section 09 01 20 91-0001 for small repairs, 09 29 10 00-0036 for finishing gypsum board, 09 29 10 00-0049 for casing and corner bead.		
09 29 10 00-0002	Standard Gypsum Board Application (09 29 10 00-0001)		
09 29 10 00-0003	SF 1/4" Gypsum Board.....	1.39	0.45
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.22	
	<i>For Adhesive Applied Sheets, Add</i>	0.11	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.31	
	<i>For Horizontal Installation >10' High, Add</i>	0.46	
	<i>For Walls >10' High, Add</i>	0.07	
	<i>For Up To 128, Add</i>	0.46	
	<i>For >128 To 320, Add</i>	0.28	
	<i>For >1,536, Deduct</i>	-0.12	
09 29 10 00-0004	SF 3/8" Gypsum Board.....	1.50	0.51
	<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.24	
	<i>For Adhesive Applied Sheets, Add</i>	0.11	
	<i>Note: Includes bracing until adhesive is bonded</i>		
	<i>For Foil Back Board, Add</i>	0.10	
	<i>For Horizontal Installation Up To 10' High, Add</i>	0.35	
	<i>For Horizontal Installation >10' High, Add</i>	0.52	
	<i>For Walls >10' High, Add</i>	0.08	
	<i>For Up To 128, Add</i>	0.51	
	<i>For >128 To 320, Add</i>	0.30	
	<i>For >1,536, Deduct</i>	-0.12	

09 Finishes

09 20 Plaster and Gypsum Board

09 29 Gypsum Board

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0005	SF		1/2" Gypsum Board.....	1.66	0.59
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.28	
			<i>For Adhesive Applied Sheets, Add</i>	0.12	
			<i>Note: Includes bracing until adhesive is bonded</i>		
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.40	
			<i>For Horizontal Installation >10' High, Add</i>	0.60	
			<i>For Walls >10' High, Add</i>	0.10	
			<i>For Up To 128, Add</i>	0.57	
			<i>For >128 To 320, Add</i>	0.34	
			<i>For >1,536, Deduct</i>	-0.13	
09 29 10 00-0006	SF		5/8" Gypsum Board.....	1.94	0.68
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.32	
			<i>For Adhesive Applied Sheets, Add</i>	0.13	
			<i>Note: Includes bracing until adhesive is bonded</i>		
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.46	
			<i>For Horizontal Installation >10' High, Add</i>	0.68	
			<i>For Walls >10' High, Add</i>	0.11	
			<i>For Up To 128, Add</i>	0.66	
			<i>For >128 To 320, Add</i>	0.40	
			<i>For >1,536, Deduct</i>	-0.16	
09 29 10 00-0007			Fire Rated Gypsum Board Application (09 29 10 00-0007)		
09 29 10 00-0008			Type X, Fire Rated Gypsum Board (09 29 10 00-0007)		
09 29 10 00-0009	SF		5/8" Type X Fire Rated Gypsum Board.....	2.07	0.68
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.35	
			<i>For Adhesive Applied Sheets, Add</i>	0.14	
			<i>Note: Includes bracing until adhesive is bonded</i>		
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.51	
			<i>For Horizontal Installation >10' High, Add</i>	0.75	
			<i>For Walls >10' High, Add</i>	0.12	
			<i>For Up To 128, Add</i>	0.71	
			<i>For >128 To 320, Add</i>	0.43	
			<i>For >1,536, Deduct</i>	-0.16	
09 29 10 00-0010			Type C, Fire Rated Gypsum Board (09 29 10 00-0007)		
09 29 10 00-0011	SF		1/2" Type C Fire Rated Gypsum Board	1.89	0.59
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.30	
			<i>For Adhesive Applied Sheets, Add</i>	0.13	
			<i>Note: Includes bracing until adhesive is bonded</i>		
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.44	
			<i>For Horizontal Installation >10' High, Add</i>	0.65	
			<i>For Walls >10' High, Add</i>	0.10	
			<i>For Up To 128, Add</i>	0.64	
			<i>For >128 To 320, Add</i>	0.38	
			<i>For >1,536, Deduct</i>	-0.15	
09 29 10 00-0012	SF		5/8" Type C Fire Rated Gypsum Board	2.13	0.68
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.35	
			<i>For Adhesive Applied Sheets, Add</i>	0.14	
			<i>Note: Includes bracing until adhesive is bonded</i>		
			<i>For Foil Back Board, Add</i>	0.10	
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.51	
			<i>For Horizontal Installation >10' High, Add</i>	0.75	
			<i>For Walls >10' High, Add</i>	0.12	
			<i>For Up To 128, Add</i>	0.73	
			<i>For >128 To 320, Add</i>	0.44	
			<i>For >1,536, Deduct</i>	-0.17	
09 29 10 00-0013			Fire Rated Gypsum Board (Sheetrock® Ultracode®) (09 29 10 00-0007)		
09 29 10 00-0014	SF		3/4" Fire Rated Gypsum Board (Sheetrock® Ultracode®).....	2.93	0.68
			<i>For Curved Surfaces With A 2'-0" Maximum Radius, Add</i>	0.36	
			<i>For Adhesive Applied Sheets, Add</i>	0.14	
			<i>Note: Includes bracing until adhesive is bonded</i>		
			<i>For Horizontal Installation Up To 10' High, Add</i>	0.51	
			<i>For Horizontal Installation >10' High, Add</i>	0.75	
			<i>For Walls >10' High, Add</i>	0.12	
			<i>For Up To 128, Add</i>	0.89	
			<i>For >128 To 320, Add</i>	0.52	
			<i>For >1,536, Deduct</i>	-0.29	
09 29 10 00-0015			Moisture Resistant Gypsum Board Application (09 29 10 00-0001)		
			<i>Note: Water-resistant gypsum core.</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0016 SF 1/2" Moisture Resistant Gypsum Board.....	1.81	0.59
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.28	
For Adhesive Applied Sheets, Add	0.12	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.40	
For Horizontal Installation >10' High, Add	0.60	
For Walls >10' High, Add	0.10	
For Up To 128, Add	0.60	
For >128 To 320, Add	0.36	
For >1,536, Deduct	-0.15	
09 29 10 00-0017 SF 5/8" Moisture Resistant Gypsum Board.....	2.34	0.59
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.32	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.46	
For Horizontal Installation >10' High, Add	0.68	
For Walls >10' High, Add	0.11	
For Up To 128, Add	0.74	
For >128 To 320, Add	0.44	
For >1,536, Deduct	-0.22	
09 29 10 00-0018 Vinyl Faced Gypsum Board Application (09 29 10 00-0001)		
Note: Includes clips and adhesive.		
09 29 10 00-0019 SF 3/8" Prefinished, Vinyl Faced Gypsum Board.....	3.38	0.45
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.26	
For Adhesive Applied Sheets, Add	0.11	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.35	
For Horizontal Installation >10' High, Add	0.52	
For Walls >10' High, Add	0.08	
For Up To 128, Add	0.88	
For >128 To 320, Add	0.49	
For >1,536, Deduct	-0.40	
09 29 10 00-0020 SF 1/2" Prefinished, Vinyl Faced Gypsum Board.....	3.54	0.59
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.30	
For Adhesive Applied Sheets, Add	0.12	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.40	
For Horizontal Installation >10' High, Add	0.60	
For Walls >10' High, Add	0.10	
For Up To 128, Add	0.95	
For >128 To 320, Add	0.53	
For >1,536, Deduct	-0.41	
09 29 10 00-0021 SF 5/8" Prefinished, Vinyl Faced Gypsum Board.....	3.71	0.68
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.34	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.46	
For Horizontal Installation >10' High, Add	0.68	
For Walls >10' High, Add	0.11	
For Up To 128, Add	1.01	
For >128 To 320, Add	0.58	
For >1,536, Deduct	-0.42	
09 29 10 00-0022 SF 1/2" Fire Rated, Prefinished Vinyl Faced Gypsum Board.....	4.10	0.59
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.33	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.44	
For Horizontal Installation >10' High, Add	0.65	
For Walls >10' High, Add	0.10	
For Up To 128, Add	1.08	
For >128 To 320, Add	0.61	
For >1,536, Deduct	-0.49	
09 29 10 00-0023 SF 5/8" Fire Rated, Prefinished Vinyl Faced Gypsum Board.....	6.30	0.68
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.39	
For Adhesive Applied Sheets, Add	0.14	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.51	
For Horizontal Installation >10' High, Add	0.75	
For Walls >10' High, Add	0.12	
For Up To 128, Add	1.56	
For >128 To 320, Add	0.86	
For >1,536, Deduct	-0.80	

09 29 10 00-0024 Moisture And Mold Resistant Gypsum Board Application (09 29 10 00-0001)

09 Finishes

09 20 Plaster and Gypsum Board

09 29 Gypsum Board

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0025	SF		1/2", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™).....	2.11	0.57
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.28	
			For Adhesive Applied Sheets, Add	0.12	
			Note: Includes bracing until adhesive is bonded		
			For Non-reinforced Board, Deduct	-0.08	
			For Horizontal Installation Up To 10' High, Add	0.40	
			For Horizontal Installation >10' High, Add	0.60	
			For Walls >10' High, Add	0.10	
			For Up To 128, Add	0.66	
			For >128 To 320, Add	0.39	
			For >1,536, Deduct	-0.20	
09 29 10 00-0026	SF		5/8", Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Mold-Guard™).....	2.49	0.65
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.32	
			For Adhesive Applied Sheets, Add	0.13	
			Note: Includes bracing until adhesive is bonded		
			For Non-reinforced Board, Deduct	-0.08	
			For Horizontal Installation Up To 10' High, Add	0.46	
			For Horizontal Installation >10' High, Add	0.68	
			For Walls >10' High, Add	0.11	
			For Up To 128, Add	0.77	
			For >128 To 320, Add	0.45	
			For >1,536, Deduct	-0.24	
09 29 10 00-0027	SF		1/2" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™).....	2.50	0.57
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.31	
			For Adhesive Applied Sheets, Add	0.13	
			Note: Includes bracing until adhesive is bonded		
			For Horizontal Installation Up To 10' High, Add	0.44	
			For Horizontal Installation >10' High, Add	0.65	
			For Walls >10' High, Add	0.10	
			For Up To 128, Add	0.76	
			For >128 To 320, Add	0.45	
			For >1,536, Deduct	-0.25	
09 29 10 00-0028	SF		5/8" Fire Rated, Mesh Reinforced, Moisture And Mold Resistant Gypsum Board (Georgia-Pacific ToughRock® Fireguard X® Mold-Guard™).....	2.80	0.65
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
			For Adhesive Applied Sheets, Add	0.14	
			Note: Includes bracing until adhesive is bonded		
			For Horizontal Installation Up To 10' High, Add	0.51	
			For Horizontal Installation >10' High, Add	0.75	
			For Walls >10' High, Add	0.12	
			For Up To 128, Add	0.86	
			For >128 To 320, Add	0.51	
			For >1,536, Deduct	-0.27	
09 29 10 00-0029			Impact Resistant Gypsum Board (09 29 10 00-0001)		
			Note: Includes tapered edge, mold and moisture resistant, fire-resistant, Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0030	SF		5/8" Fire Rated, Impact Resistant Gypsum Board (National Gypsum Hi-Impact®).....	3.97	0.65
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.34	
			For Adhesive Applied Sheets, Add	0.13	
			Note: Includes bracing until adhesive is bonded		
			For Horizontal Installation Up To 10' High, Add	0.46	
			For Horizontal Installation >10' High, Add	0.68	
			For Walls >10' High, Add	0.11	
			For Up To 128, Add	1.06	
			For >128 To 320, Add	0.60	
			For >1,536, Deduct	-0.46	
09 29 10 00-0031			Abuse Resistant Gypsum Board (09 29 10 00-0001)		
			Note: Includes tapered edge, mold and moisture resistant, fire-resistant Type X gypsum core encased in a heavy, abrasion and mold/mildew/moisture resistant		
09 29 10 00-0032	SF		5/8" Fire Rated, Abuse Resistant Gypsum Board (National Gypsum Hi-Abuse®).....	2.56	0.65
			For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.32	
			For Adhesive Applied Sheets, Add	0.13	
			Note: Includes bracing until adhesive is bonded		
			For Horizontal Installation Up To 10' High, Add	0.46	
			For Horizontal Installation >10' High, Add	0.68	
			For Walls >10' High, Add	0.11	
			For Up To 128, Add	0.78	
			For >128 To 320, Add	0.46	
			For >1,536, Deduct	-0.25	
09 29 10 00-0033			Noise Reducing Gypsum Board (09 29 10 00-0001)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0034 SF 1/2" Noise Reducing Gypsum Board (National Gypsum SoundBreak).....	4.76	0.68
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.35	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.69	
For Walls >10' High, Add	0.11	
For Up To 128, Add	1.23	
For >128 To 320, Add	0.68	
For >1,536, Deduct	-0.58	
09 29 10 00-0035 SF 5/8" Noise Reducing Gypsum Board (National Gypsum SoundBreak).....	5.73	0.68
For Curved Surfaces With A 2'-0" Maximum Radius, Add	0.36	
For Adhesive Applied Sheets, Add	0.13	
Note: Includes bracing until adhesive is bonded		
For Horizontal Installation Up To 10' High, Add	0.47	
For Horizontal Installation >10' High, Add	0.69	
For Walls >10' High, Add	0.11	
For Up To 128, Add	1.42	
For >128 To 320, Add	0.78	
For >1,536, Deduct	-0.72	
09 29 10 00-0036 Finishing Gypsum Board Applications (09 29 10)		
Note: Includes flat or curved walls, columns, soffits, recesses, and chases. Tape, spackle, sand and finish gypsum board to the appropriate level as defined by ASTM C 840. No taping or finishing is required for Level 0. For Level 1, tape is set in compound at joints and interior angles. Ridges and tool marks are acceptable. For Level 2, tape is set in compound and wiped with a joint knife leaving a thin coating of compound over joints, interior angles, fastener heads, and beads. Ridges and tool marks are acceptable. Compound applied over the body of the tape at the time of the tape is set satisfies the conditions for this level. For Level 3, tape is set in compound and one additional coat of compound is applied over all joints and interior angles. Fastener heads and accessories receive two separate coats of joint compound. Ridges and tool marks are not acceptable. For Level 4, tape is set in compound and two separate coats of compound are applied over all flat joints with one separate coat of compound applied over interior angles. Fastener heads and accessories receive three separate coats of compound. Ridges and tool marks are not acceptable. A Level 5 finish is a Level 4 finish plus a thin skim coat of compound applied to the entire drywall surface. All levels of finish require that the surface be free of excess compound. A single modifier may be used to change the level of finish to the appropriate level.		
09 29 10 00-0037 Finish Gypsum Board Walls, ASTM C840 Level 4 (09 29 10 00-0036)		
09 29 10 00-0038 SF Up To 10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	0.82	
For Up To 128, Add	0.31	
For >128 To 320, Add	0.19	
For >5,400, Deduct	-0.08	
For ASTM C840 Level 1 Finish, Deduct	-0.39	
For ASTM C840 Level 2 Finish, Deduct	-0.19	
For ASTM C840 Level 3 Finish, Deduct	-0.08	
For ASTM C840 Level 5 High Quality Finish, Add	0.60	
For Spray Applied Textured Or Orange Peel Finish, Add	0.60	
09 29 10 00-0039 SF >10' High, Walls, Tape, Spackle And Finish Gypsum Board.....	1.09	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.42	
For >128 To 320, Add	0.26	
For >5,400, Deduct	-0.11	
For ASTM C840 Level 1 Finish, Deduct	-0.52	
For ASTM C840 Level 2 Finish, Deduct	-0.26	
For ASTM C840 Level 3 Finish, Deduct	-0.11	
For ASTM C840 Level 5 High Quality Finish, Add	0.81	
For Spray Applied Textured Or Orange Peel Finish, Add	0.81	
09 29 10 00-0040 Finish Gypsum Board Ceilings, ASTM C840 Level 4 (09 29 10 00-0036)		
09 29 10 00-0041 SF Up To 10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	1.07	
For Up To 128, Add	0.41	
For >128 To 320, Add	0.26	
For >5,400, Deduct	-0.11	
For ASTM C840 Level 1 Finish, Deduct	-0.51	
For ASTM C840 Level 2 Finish, Deduct	-0.26	
For ASTM C840 Level 3 Finish, Deduct	-0.10	
For ASTM C840 Level 5 High Quality Finish, Add	0.79	
For Spray Applied Textured Or Orange Peel Finish, Add	0.79	
09 29 10 00-0042 SF >10' High, Ceilings, Tape, Spackle And Finish Gypsum Board.....	1.43	
Note: Use this task for the entire wall area when the wall is >10' high.		
For Up To 128, Add	0.56	
For >128 To 320, Add	0.35	
For >5,400, Deduct	-0.14	
For ASTM C840 Level 1 Finish, Deduct	-0.69	
For ASTM C840 Level 2 Finish, Deduct	-0.35	
For ASTM C840 Level 3 Finish, Deduct	-0.14	
For ASTM C840 Level 5 High Quality Finish, Add	1.06	
For Spray Applied Textured Or Orange Peel Finish, Add	1.06	
09 29 10 00-0043 Finish Gypsum Board Vertical Corners, ASTM C840 Level 4 (09 29 10 00-0036)		
Note: Inside or outside gypsum board corners.		
09 29 10 00-0044 LF Up To 10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board.....	1.62	
For ASTM C840 Level 1 Finish, Deduct	-0.76	
For ASTM C840 Level 2 Finish, Deduct	-0.38	
For ASTM C840 Level 3 Finish, Deduct	-0.15	
For ASTM C840 Level 5 High Quality Finish, Add	1.19	

09 Finishes**09 20 Plaster and Gypsum Board****09 29 Gypsum Board**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0045 LF >10' High, Vertical Corners, Tape, Spackle And Finish Gypsum Board	1.94	
Note: Use this task for the entire wall area when the wall is >10' high.		
For ASTM C840 Level 1 Finish, Deduct	-0.92	
For ASTM C840 Level 2 Finish, Deduct	-0.46	
For ASTM C840 Level 3 Finish, Deduct	-0.19	
For ASTM C840 Level 5 High Quality Finish, Add	1.43	
09 29 10 00-0046 Finish Gypsum Board Horizontal Corners, ASTM C840 Level 4 (09 29 10 00-0036)		
Note: Inside or outside gypsum board corners.		
09 29 10 00-0047 LF Up To 10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board.....	1.88	
For ASTM C840 Level 1 Finish, Deduct	-0.89	
For ASTM C840 Level 2 Finish, Deduct	-0.44	
For ASTM C840 Level 3 Finish, Deduct	-0.18	
For ASTM C840 Level 5 High Quality Finish, Add	1.38	
09 29 10 00-0048 LF >10' High, Horizontal Corners, Tape, Spackle And Finish Gypsum Board	2.26	
Note: Use this task for the entire wall area when the wall is >10' high.		
For ASTM C840 Level 1 Finish, Deduct	-1.08	
For ASTM C840 Level 2 Finish, Deduct	-0.54	
For ASTM C840 Level 3 Finish, Deduct	-0.22	
For ASTM C840 Level 5 High Quality Finish, Add	1.67	
09 29 10 00-0049 Casing And Corner Beads (09 29 10)		
09 29 10 00-0050 LF Casing, Galvanized Steel J-Bead For Gypsum Board	4.12	1.15
For Up To 100, Add	0.29	
For >500, Deduct	-0.21	
09 29 10 00-0051 LF Corner Bead, Galvanized Steel For Gypsum Board	4.06	1.15
For Up To 100, Add	0.28	
For >500, Deduct	-0.20	
09 29 10 00-0052 Preformed Architectural Profiles (09 29 10)		
09 29 10 00-0053 Trim Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0054 LF 1/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.91	1.37
09 29 10 00-0055 LF 1/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	5.95	1.37
09 29 10 00-0056 LF 3/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.15	1.37
09 29 10 00-0057 LF 1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.25	1.37
09 29 10 00-0058 LF 5/8" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.49	1.37
09 29 10 00-0059 LF 3/4" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.73	1.37
09 29 10 00-0060 LF 1" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.97	1.37
09 29 10 00-0061 LF 1-1/2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board	7.75	1.37
09 29 10 00-0062 LF 2" x 1/2" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	8.53	1.37
09 29 10 00-0063 LF 1/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.04	1.49
09 29 10 00-0064 LF 1/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.04	1.49
09 29 10 00-0065 LF 3/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.57	1.49
09 29 10 00-0066 LF 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	6.67	1.49
09 29 10 00-0067 LF 5/8" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.01	1.49
09 29 10 00-0068 LF 3/4" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.15	1.49
09 29 10 00-0069 LF 1" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	7.35	1.49
09 29 10 00-0070 LF 1 1/2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	8.22	1.49
09 29 10 00-0071 LF 2" x 5/8" Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	9.10	1.49
09 29 10 00-0072 LF 3" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	12.56	1.71
09 29 10 00-0073 LF 4" x 5/8", Aluminum Extrusions, Single Fin Trim Reveal For Gypsum Board.....	14.01	1.71
09 29 10 00-0074 Edge Trim For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0075 LF 1/2" Aluminum Extrusions, Edge Trim For Gypsum Board	5.38	1.43
09 29 10 00-0076 LF 5/8" Aluminum Extrusions, Edge Trim For Gypsum Board	5.77	1.43
09 29 10 00-0077 LF 1" Aluminum Extrusions, Edge Trim For Gypsum Board	6.76	1.58
09 29 10 00-0078 LF 1-1/4" Aluminum Extrusions, Edge Trim For Gypsum Board	7.10	1.71
09 29 10 00-0079 LF 1/2" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.24	1.43
09 29 10 00-0080 LF 5/8" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	10.63	1.43
09 29 10 00-0081 LF 1" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.62	1.58
09 29 10 00-0082 LF 1-1/4" Flexible Aluminum Extrusions, Edge Trim For Gypsum Board	11.95	1.71
09 29 10 00-0083 Bevel Trim For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0084 LF 5/16" x 1/4" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	5.77	1.43
09 29 10 00-0085 LF 5/8" x 5/8" Aluminum Extrusions, Bevel Trim For Gypsum Board.....	6.62	1.58
09 29 10 00-0086 Trim/Wainscot Caps For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0087 LF 1-1/2" Wide Aluminum Extrusions, Trim/Wainscot Cap For Gypsum Board	7.92	1.71
09 29 10 00-0088 Single Fin Wall/Trim Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0089 LF 1/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.71	0.92
09 29 10 00-0090 LF 1/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	5.78	1.03
09 29 10 00-0091 LF 3/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	6.66	1.15
09 29 10 00-0092 LF 1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.07	1.26
09 29 10 00-0093 LF 5/8" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.46	1.37

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0094 LF 3/4" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.60	1.37
09 29 10 00-0095 LF 1" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.04	1.37
09 29 10 00-0096 LF 1-1/2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.87	1.37
09 29 10 00-0097 LF 2" x 1/2" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.16	1.37
09 29 10 00-0098 LF 1/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.01	1.49
09 29 10 00-0099 LF 1/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.11	1.49
09 29 10 00-0100 LF 3/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.64	1.49
09 29 10 00-0101 LF 1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	7.88	1.49
09 29 10 00-0102 LF 5/8" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.08	1.49
09 29 10 00-0103 LF 3/4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.32	1.49
09 29 10 00-0104 LF 1" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	8.66	1.49
09 29 10 00-0105 LF 1-1/2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	9.53	1.49
09 29 10 00-0106 LF 2" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	10.26	1.49
09 29 10 00-0107 LF 3" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	12.59	1.49
09 29 10 00-0108 LF 4" x 5/8" Aluminum Extrusions, Single Fin Wall Reveal For Gypsum Board.....	17.06	1.49
09 29 10 00-0109 LF 3-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	11.72	1.49
09 29 10 00-0110 LF 3-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	12.11	1.49
09 29 10 00-0111 LF 4-1/16" x 7/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	13.42	1.49
09 29 10 00-0112 LF 4-1/16" x 9/16", Aluminum Extrusions, Single Fin Wall Base For Gypsum Board.....	13.56	1.49
09 29 10 00-0113 LF 9/16" Tall with 1/2" Reveal, Aluminum Extrusions, Single Fin Wall Base With Reveal For Gypsum Board.....	15.46	1.49
09 29 10 00-0114 LF 5/8" Aluminum Extrusions, Single Fin Wall/Trim Reveal Hanging Track For Gypsum Board.....	12.64	1.49
09 29 10 00-0115 'V' Groove Wall Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0116 LF 1/4" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	8.69	2.05
09 29 10 00-0117 LF 3/4" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	9.95	2.29
09 29 10 00-0118 LF 1" x 1/2" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	11.33	2.74
09 29 10 00-0119 LF 9/32" x 5/8" Aluminum Extrusions, 'V' Groove Wall Reveal For Gypsum Board.....	11.48	2.97
09 29 10 00-0120 Double Fin Wall Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0121 LF 3/8" x 3/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.24	1.37
09 29 10 00-0122 LF 1/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.33	1.37
09 29 10 00-0123 LF 1/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.43	1.37
09 29 10 00-0124 LF 3/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.43	1.37
09 29 10 00-0125 LF 1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.87	1.37
09 29 10 00-0126 LF 5/8" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.06	1.36
09 29 10 00-0127 LF 3/4" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.25	1.37
09 29 10 00-0128 LF 1" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.69	1.37
09 29 10 00-0129 LF 1-1/2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	10.42	1.37
09 29 10 00-0130 LF 2" x 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	11.20	1.37
09 29 10 00-0131 LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.71	1.49
09 29 10 00-0132 LF 1/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	8.81	1.49
09 29 10 00-0133 LF 3/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.00	1.49
09 29 10 00-0134 LF 1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.44	1.49
09 29 10 00-0135 LF 5/8" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.63	1.49
09 29 10 00-0136 LF 3/4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	9.78	1.49
09 29 10 00-0137 LF 1" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	10.26	1.49
09 29 10 00-0138 LF 1-1/2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	11.04	1.49
09 29 10 00-0139 LF 2" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	11.82	1.49
09 29 10 00-0140 LF 3" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	13.90	1.49
09 29 10 00-0141 LF 4" x 5/8" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	18.27	1.49
09 29 10 00-0142 LF 1-1/2" x 1" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	16.36	1.62
09 29 10 00-0143 LF 3/4" x 1 1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	18.58	1.98
09 29 10 00-0144 LF 1-1/2" x 1-1/2" Aluminum Extrusions, Double Fin Wall Reveal For Gypsum Board.....	19.21	1.98
09 29 10 00-0145 LF 1/2", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	14.89	1.36
09 29 10 00-0146 LF 1 3/16", Aluminum Extrusions, Double Fin Hanging Track Wall Reveal For Gypsum Board.....	13.68	1.98
09 29 10 00-0147 LF 1/4" Aluminum Extrusions, Double Fin Wall Covering Joiner For Gypsum Board.....	9.84	1.36
09 29 10 00-0148 Special Conditions Reveals For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0149 Radius Conditions (09 29 10 00-0148)		
09 29 10 00-0150 EA 8' Long Inside Radius For Gypsum Board.....	121.36	
Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
09 29 10 00-0151 EA 8' Long Outside Radius For Gypsum Board.....	121.36	
Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
09 29 10 00-0152 EA 8' Long Circular / Arched Radius For Gypsum Board.....	121.36	
Note: Task used in conjunction with "Preformed Architectural Profiles" tasks.		
09 29 10 00-0153 Knee Brace Kit (09 29 10 00-0148)		
09 29 10 00-0154 EA 46" H, Aluminum Extrusions, Knee Brace Kit For Gypsum Board.....	261.57	14.28
09 29 10 00-0155 Wall Bumper Rail (09 29 10 00-0148)		
09 29 10 00-0156 LF 2-1/2" x 5/8", Aluminum Extrusions, Wall Bumper Rail For Gypsum Board.....	35.69	5.72
09 29 10 00-0157 Corners For Gypsum Board (09 29 10 00-0052)		
09 29 10 00-0158 LF 1/2"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	7.60	1.37
09 29 10 00-0159 LF 5/8"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	8.13	1.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 10 00-0160	LF		3/4"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	9.03	1.55
09 29 10 00-0161	LF		1"R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	10.09	1.62
09 29 10 00-0162	LF		1-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	12.22	1.98
09 29 10 00-0163	LF		2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	14.18	2.23
09 29 10 00-0164	LF		2-1/2" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	17.24	2.55
09 29 10 00-0165	LF		3" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	20.95	2.98
09 29 10 00-0166	LF		4" R, Aluminum Extrusions, Outside Corner For Gypsum Board.....	28.80	3.97
09 29 10 00-0167	LF		90 Degree 3/8" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board.....	7.60	1.32
09 29 10 00-0168	LF		90 Degree 1-1/4" Aluminum Extrusions, Hi-Strength Corner For Gypsum Board.....	14.06	1.78
09 29 10 00-0169	LF		90 Degree 1-1/4" Aluminum Extrusions, Fabric Tuck Corner For Gypsum Board.....	10.03	1.78
09 29 10 00-0170	LF		90 Degree 1-1/4" Aluminum Extrusions, Corner With Vertical Reveal For Gypsum Board.....	18.33	1.78
09 29 10 00-0171	LF		45 Degree 2" Aluminum Extrusions, Corner For Gypsum Board.....	26.12	2.23
09 29 10 00-0172	LF		60 Degree 2" Aluminum Extrusions, Corner For Gypsum Board.....	25.05	2.23
09 29 10 00-0173	LF		3/4" Aluminum Extrusions, Chamfered Corner For Gypsum Board.....	7.43	1.55
09 29 10 00-0174	LF		5/8" R, Aluminum Extrusions, Corners Return For Gypsum Board.....	7.49	1.49
09 29 10 00-0175	LF		1/2" x 1/2" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	7.56	1.37
09 29 10 00-0176	LF		5/8" x 5/8" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	7.93	1.49
09 29 10 00-0177	LF		1" x 1" Aluminum Extrusions, Double Corner Step For Gypsum Board.....	10.73	1.62
09 29 10 00-0178	LF		1/2" x 1/2" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	9.45	1.37
09 29 10 00-0179	LF		5/8" x 5/8" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	9.97	1.49
09 29 10 00-0180	LF		1" x 1" Aluminum Extrusions, Triple Corner Step For Gypsum Board.....	14.71	1.62
09 29 10 00-0181	LF		1/3" x 1/2" Aluminum Extrusions, Quad Corner Step For Gypsum Board.....	16.25	1.37
09 29 10 00-0182	LF		3" Aluminum Extrusions, Bullnose For Gypsum Board.....	27.79	2.98
09 29 10 00-0183	LF		3-7/8" Aluminum Extrusions, Bullnose For Gypsum Board.....	29.74	2.98
09 29 10 00-0184	LF		5-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	55.16	4.96
09 29 10 00-0185	LF		7-3/8", Aluminum Extrusions, Bullnose For Gypsum Board.....	91.73	7.02
09 29 10 00-0186	LF		3/4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	9.07	1.53
09 29 10 00-0187	LF		1" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	10.39	1.60
09 29 10 00-0188	LF		1-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	12.47	1.95
09 29 10 00-0189	LF		2"R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	15.34	2.20
09 29 10 00-0190	LF		2-1/2" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	21.85	2.52
09 29 10 00-0191	LF		3"R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	23.57	2.93
09 29 10 00-0192	LF		4" R, Aluminum Extrusions, Inside Corner For Gypsum Board.....	26.67	3.91
09 29 10 00-0193	LF		3-5/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	16.87	2.93
09 29 10 00-0194	LF		3-7/8", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	17.12	2.93
09 29 10 00-0195	LF		4-3/4", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	18.67	2.93
09 29 10 00-0196	LF		5", Aluminum Extrusions, Aluminum Wall Cap For Gypsum Board.....	19.15	2.93

09 29 82 Gypsum Board Fire Protection (09 29)

09 29 82 00-0001			Shaft Wall (09 29 82)		
			See CSI section 09 29 10 00-0036 for finishing drywall.		
09 29 82 00-0002	SF		3/4" Fire Rated Shaft Wall Assembly.....	7.20	2.86
			Note: 1/4" thick fiber-cement board with tapered edges over 1/2" thick type "X" gypsum board. Excludes studs or wall structure.		
			For Horizontal Installation Up To 10' High, Add	1.94	
			For Horizontal Installation >10' High, Add	2.86	
			For Walls >10' High, Add	0.46	
			For Up To 128, Add	2.58	
			For >128 To 320, Add	1.58	
			For >1,536, Deduct	-0.51	
09 29 82 00-0003	SF		7/8" Fire Rated Shaft Wall Assembly.....	8.38	3.43
			Note: 1/4" thick fiber-cement board with tapered edges over 5/8" thick type "X" gypsum board. Excludes studs or wall structure.		
			For Horizontal Installation Up To 10' High, Add	2.33	
			For Horizontal Installation >10' High, Add	3.43	
			For Walls >10' High, Add	0.55	
			For Up To 128, Add	3.05	
			For >128 To 320, Add	1.87	
			For >1,536, Deduct	-0.57	
09 29 82 00-0004	SF		2-1/2", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	7.26	2.20
			Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
			For Horizontal Installation Up To 10' High, Add	1.50	
			For Horizontal Installation >10' High, Add	2.20	
			For Walls >10' High, Add	0.35	
			For Up To 128, Add	2.33	
			For >128 To 320, Add	1.39	
			For Glass Mat Surfaces, Add	0.33	
09 29 82 00-0005	SF		4", 25 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	7.74	2.31
			Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
			For Horizontal Installation Up To 10' High, Add	1.57	
			For Horizontal Installation >10' High, Add	2.31	
			For Walls >10' High, Add	0.37	
			For Up To 128, Add	2.47	
			For >128 To 320, Add	1.47	
			For Glass Mat Surfaces, Add	0.33	
09 29 82 00-0006	SF		2-1/2", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	8.44	2.31
			Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
			For Horizontal Installation Up To 10' High, Add	1.57	
			For Horizontal Installation >10' High, Add	2.31	
			For Walls >10' High, Add	0.37	
			For Up To 128, Add	2.61	
			For >128 To 320, Add	1.54	
			For Glass Mat Surfaces, Add	0.33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 29 82 00-0007 SF 4", 20 Gauge C-H Stud/J-Runner, 1" Gypsum Liner Panel Shaft Wall Assembly.....	8.94	2.43
Note: Includes sealant installed at top of wall and panel gaps. Excludes additional gypsum panels and finishing.		
<i>For Horizontal Installation Up To 10' High, Add</i>	1.65	
<i>For Horizontal Installation >10' High, Add</i>	2.42	
<i>For Walls >10' High, Add</i>	0.39	
<i>For Up To 128, Add</i>	2.76	
<i>For >128 To 320, Add</i>	1.62	
<i>For Glass Mat Surfaces, Add</i>	0.33	
09 30 Tiling ⁽⁰⁹⁾		
Note: All tiles are standard grade ANSI 137.1 or higher, mounted and unmounted, cushioned or non-cushioned edge, all tile colors, all grout colors, PEI rating 1 through 4, and include patterns. Glazing shall meet ASTM C484 and C424. Mounted tiles are assembled into sheets to facilitate handling and installation. Perforated paper, fiber mesh, or other suitable bonding material applied to the front, backs or edges of the tile can be used to mount the tiles. Cushioned edge tile has facial edges with a distinct curvature that results in a slightly recessed joint. All floor, wall, ceiling, cove base and trim tile will be installed in accordance with ANSI 108.1 using these setting methods. Includes initial wax and seal.		
09 30 13 Ceramic Tiling ^(09 30)		
Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.		
09 30 13 00-0001 Ceramic Tiling ^(09 30 13)		
09 30 13 00-0002 SF 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Floor Tile.....	15.22	2.29
Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
<i>For Up To 50, Add</i>	7.24	
<i>For >50 To 250, Add</i>	0.92	
<i>For >1,000, Deduct</i>	-0.46	
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.13	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.30	
09 30 13 00-0003 SF Less Than 8" x 8", Mounted, Ceramic Floor Tile.....	10.00	2.29
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
<i>For Up To 50, Add</i>	5.94	
<i>For >50 To 250, Add</i>	0.92	
<i>For >1,000, Deduct</i>	-0.46	
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.13	
<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.30	
09 30 13 00-0004 SF 8" x 8" And Larger Unmounted Ceramic Floor Tile.....	11.14	1.43
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
<i>For Up To 50, Add</i>	7.08	
<i>For >50 To 250, Add</i>	1.14	
<i>For >1,000, Deduct</i>	-0.57	
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.47	
09 30 13 00-0005 SF 2" x 2" x 1/4" Thick, Mounted, Unpolished Ceramic Wall Tile.....	16.19	2.77
Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets.		
<i>For Up To 50, Add</i>	8.21	
<i>For >50 To 250, Add</i>	1.11	
<i>For >1,000, Deduct</i>	-0.56	
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.27	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.44	
09 30 13 00-0006 SF Less Than 8" x 8" Mounted Ceramic Wall Tile.....	10.97	2.77
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
<i>For Up To 50, Add</i>	6.91	
<i>For >50 To 250, Add</i>	1.11	
<i>For >1,000, Deduct</i>	-0.56	
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.27	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.44	
09 30 13 00-0007 SF 8" x 8" And Larger Unmounted Ceramic Wall Tile.....	12.44	1.76
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
<i>For Up To 50, Add</i>	8.38	
<i>For >50 To 250, Add</i>	1.40	
<i>For >1,000, Deduct</i>	-0.70	
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.49	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.66	
09 30 13 00-0008 SF Less Than 8" x 8" Mounted Ceramic Ceiling Tile.....	15.04	4.81
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets.		
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.88	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.05	
<i>For Up To 50, Add</i>	10.98	
<i>For >50 To 250, Add</i>	1.92	
<i>For >1,000, Deduct</i>	-0.96	
09 30 13 00-0009 SF 8" x 8" And Larger Unmounted Ceramic Ceiling Tile.....	16.97	2.88
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	2.17	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	2.34	
<i>For Up To 50, Add</i>	12.91	
<i>For >50 To 250, Add</i>	2.31	
<i>For >1,000, Deduct</i>	-1.16	
09 30 13 00-0010 LF 4-1/4" To 4-1/2" High, Ceramic Cove Base Or Trim.....	9.35	2.00
Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles.		
<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.42	
<i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	1.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30	13 00-0011	LF	6" High x 12" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	17.44 1.42 1.51	2.00
09 30	13 00-0012	LF	6" High x 24" Long, Unpolished Ceramic Cove Base (Daltile Portfolio) <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	20.01 1.42 1.51	2.00
09 30	13 00-0013	EA	6" High, Unpolished Ceramic Cove Base Outer Corner.....	17.60	0.44
09 30 13 00-0014 Residential Ceramic Tiling <small>(09 30 13)</small>					
09 30	13 00-0015	SF	Mounted Ceramic Floor Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	8.00 5.44 0.92 -0.46 1.13	2.29
09 30	13 00-0016	SF	Mounted Ceramic Wall Tile, Residential Grade Note: Includes glazed porcelain, unglazed porcelain and glazed ceramic tiles. Tiles mounted from back, side or front in 12" x 12", 12" x 24", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	8.97 6.41 1.11 -0.56 1.27	2.77
09 30	13 00-0017	SF	2" x 2" x 1/4" Thick, Unpolished Ceramic Mounted Floor Tile, Residential Grade Note: Tiles mounted from back, side or front in 12" x 12", 12" x 24", 12" x 48", or similar sized sheets. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	10.23 5.99 0.92 -0.46 1.13	2.29
09 30 16 Quarry Tiling <small>(09 30)</small>					
Note: Includes grout and sealing. Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.					
09 30	16 00-0001	SF	Unglazed Quarry Floor Tile..... Note: With or without embedded abrasive grit. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	10.36 7.40 1.28 -0.64 1.40 1.57	1.61
09 30	16 00-0002	SF	Glazed Quarry Floor Tile..... <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	22.88 10.53 1.28 -0.64 1.40 1.57	1.61
09 30	16 00-0003	SF	Unglazed Quarry Wall Tile..... Note: With or without embedded abrasive grit. <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	11.64 8.68 1.54 -0.77 1.59 1.76	1.91
09 30	16 00-0004	SF	Glazed Quarry Wall Tile..... <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	24.16 11.81 1.54 -0.77 1.59 1.76	1.91
09 30	16 00-0005	LF	6" High Unglazed Quarry Tile Cove Base Or Trim..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	14.75 1.49 1.58	2.12
09 30	16 00-0006	LF	6" High Glazed Quarry Tile Cove Base Or Trim..... <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For High-Modulus, Low-Viscosity, High-Strength Chemical Resistant Epoxy Grout, Add</i>	35.26 1.49 1.58	2.12
09 30 33 Stone Tiling <small>(09 30)</small>					
Note: Excludes setting method. See CSI section 09 31 00 00-0000 for thin-set, 09 32 00 00-0000 for mortar-bed, 09 35 00 00-0000 for chemical-resistant.					
09 30 33 00-0001 Marble Floor Tile <small>(09 30 33)</small>					
09 30	33 00-0002	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cherry Blossom"..... <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	9.41 6.64 1.14 -0.57 1.30 1.00	1.43
09 30	33 00-0003	SF	12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Laurent Brown"..... <i>For Up To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >1,000, Deduct</i> <i>For High-Modulus, High-Strength Epoxy Grout, Add</i> <i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	9.76 6.73 1.14 -0.57 1.30 1.00	1.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0004 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Temple Gray"	9.94	1.43
For Up To 50, Add	6.78	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0005 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Emperador Cafe"	10.02	1.43
For Up To 50, Add	6.80	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0006 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "China Black"	10.07	1.43
For Up To 50, Add	6.81	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0007 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Sea Grass Honed"	10.15	1.43
For Up To 50, Add	6.83	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0008 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Gris Magma or Gris Nebula"	10.34	1.43
For Up To 50, Add	6.88	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0009 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Dark Green"	11.54	1.43
For Up To 50, Add	7.18	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0010 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cappuccino Light"	11.67	1.43
For Up To 50, Add	7.21	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0011 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Botticino Cream"	11.92	1.43
For Up To 50, Add	7.27	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0012 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Crema Marfil Classic"	12.20	1.43
For Up To 50, Add	7.34	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0013 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato Carrara"	12.39	1.43
For Up To 50, Add	7.39	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0014 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Giallo Crystal Onyx"	13.05	1.43
For Up To 50, Add	7.55	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0015 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Cafe Forest or Rain Forest"	14.29	1.43
For Up To 50, Add	7.86	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0016 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Arabescato"	14.37	1.43
For Up To 50, Add	7.88	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0017 SF 12" x 12" x 3/8" And Larger Unmounted Marble Floor Tile, "Carrara White"	15.30	1.43
For Up To 50, Add	8.12	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0018	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Crema Marfil Select Or Sahara Gold".....	15.61	1.43
			<i>For Up To 50, Add</i>	8.19	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0019	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Botticino Fiorito Or Michelangelo".....	15.74	1.43
			<i>For Up To 50, Add</i>	8.23	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0020	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Crema Marfil Antique".....	15.95	1.43
			<i>For Up To 50, Add</i>	8.28	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0021	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Emperador Dark Or Super Thassos Glass".....	17.67	1.43
			<i>For Up To 50, Add</i>	8.71	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0022	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Rosa Verona".....	18.65	1.43
			<i>For Up To 50, Add</i>	8.95	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0023	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Rojo Alicante".....	18.91	1.43
			<i>For Up To 50, Add</i>	9.02	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0024	SF	12" x 12" x 3/8"	And Larger Unmounted Marble Floor Tile, "Emperador Light".....	19.04	1.43
			<i>For Up To 50, Add</i>	9.05	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0025	Granite Floor Tile <small>(09 30 33)</small>				
09 30 33 00-0026	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Crystal Gray".....	8.49	1.43
			<i>For Up To 50, Add</i>	6.41	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0027	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Peach Flower".....	9.15	1.43
			<i>For Up To 50, Add</i>	6.58	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0028	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Golden Yellow".....	9.68	1.43
			<i>For Up To 50, Add</i>	6.71	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0029	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Absolute Black".....	11.79	1.43
			<i>For Up To 50, Add</i>	7.24	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0030	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Tan Brown".....	12.20	1.43
			<i>For Up To 50, Add</i>	7.34	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0031	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Black Galaxy".....	12.58	1.43
			<i>For Up To 50, Add</i>	7.44	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0032	SF	12" x 12" x 3/8"	And Larger Unmounted Granite Floor Tile, "Kashmir White Or Gold".....	12.97	1.43
			<i>For Up To 50, Add</i>	7.53	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0033 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Giallo Santa Cecelia".....	13.45	1.43
For Up To 50, Add	7.65	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0034 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Verde UbaTuba".....	13.90	1.43
For Up To 50, Add	7.77	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0035 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "New Venetian Gold".....	14.37	1.43
For Up To 50, Add	7.88	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0036 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Tropic Brown".....	14.82	1.43
For Up To 50, Add	8.00	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0037 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Baltic Brown Or Indian Dakota".....	15.35	1.43
For Up To 50, Add	8.13	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0038 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Dynamic Blue".....	15.88	1.43
For Up To 50, Add	8.26	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0039 SF 12" x 12" x 3/8" And Larger Unmounted Granite Floor Tile, "Blue Pearl Or Emerald Pearl".....	17.72	1.43
For Up To 50, Add	8.72	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0040 Slate Floor Tile (09 30 33)		
09 30 33 00-0041 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Raja Classic".....	7.70	1.43
For Up To 50, Add	6.22	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0042 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Rustic Gold".....	8.04	1.43
For Up To 50, Add	6.30	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0043 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "California Gold Or Black Rust".....	8.23	1.43
For Up To 50, Add	6.35	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0044 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Indian Autumn".....	8.23	1.43
For Up To 50, Add	6.35	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0045 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "China Multi, Earth, Or Autumn Blend".....	8.36	1.43
For Up To 50, Add	6.38	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0046 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Lilac Kashmir Or Madras Yellow".....	8.75	1.43
For Up To 50, Add	6.48	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	
09 30 33 00-0047 SF 12" x 12" And Larger Unmounted Slate Floor Tile, "Montauk Blue, Copper Quartzite, Montauk Black, San Rio Rustic, Or Gold Green Quartzite".....	9.15	1.43
For Up To 50, Add	6.58	
For >50 To 250, Add	1.14	
For >1,000, Deduct	-0.57	
For High-Modulus, High-Strength Epoxy Grout, Add	1.30	
For Heavy Duty Floors With A PEI 5 Rating, Add	1.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0048	SF		12" x 12" And Larger Unmounted Slate Floor Tile, "Ocean Green Quartzite Or Golden White Quartzite".....	9.28	1.43
			<i>For Up To 50, Add</i>	6.61	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0049			Travertine Floor Tile <small>(09 30 33)</small>		
09 30 33 00-0050	SF		12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Noce Rustic".....	9.15	1.43
			<i>For Up To 50, Add</i>	6.58	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0051	SF		12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Denizli Beige Or Oasis Walnut".....	9.55	1.43
			<i>For Up To 50, Add</i>	6.68	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0052	SF		12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Gold".....	9.81	1.43
			<i>For Up To 50, Add</i>	6.74	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0053	SF		12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Navona Light - Ivory".....	10.20	1.43
			<i>For Up To 50, Add</i>	6.84	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0054	SF		12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Oasis Noce".....	10.34	1.43
			<i>For Up To 50, Add</i>	6.88	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0055	SF		12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Antique".....	10.47	1.43
			<i>For Up To 50, Add</i>	6.91	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0056	SF		12" x 12" x 3/8" And Larger Unmounted Travertine Floor Tile, "Durango Cream".....	11.73	1.43
			<i>For Up To 50, Add</i>	7.22	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0057			Limestone Floor Tile <small>(09 30 33)</small>		
09 30 33 00-0058	SF		12" x 12" And Larger Unmounted Limestone Floor Tile, "Isis Gold".....	11.66	1.43
			<i>For Up To 50, Add</i>	7.21	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0059	SF		12" x 12" And Larger Unmounted Limestone Floor Tile, "Tiara Beige".....	12.05	1.43
			<i>For Up To 50, Add</i>	7.30	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0060	SF		12" x 12" And Larger Unmounted Limestone Floor Tile, "Halila Cream".....	14.11	1.43
			<i>For Up To 50, Add</i>	7.82	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0061	SF		12" x 12" And Larger Unmounted Limestone Floor Tile, "Ramon Gold".....	15.35	1.43
			<i>For Up To 50, Add</i>	8.13	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0062	SF		12" x 12" And Larger Unmounted Limestone Floor Tile, "Chestnut Brown Or Jerusalem Bone".....	15.35	1.43
			<i>For Up To 50, Add</i>	8.13	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 30 33 00-0063	SF		12" x 12" And Larger Unmounted Limestone Floor Tile, "Lagos Blue"	15.74	1.43
			<i>For Up To 50, Add</i>	8.23	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	
09 30 33 00-0064	SF		12" x 12" And Larger Unmounted Limestone Floor Tile, "Jura Gray"	17.19	1.43
			<i>For Up To 50, Add</i>	8.59	
			<i>For >50 To 250, Add</i>	1.14	
			<i>For >1,000, Deduct</i>	-0.57	
			<i>For High-Modulus, High-Strength Epoxy Grout, Add</i>	1.30	
			<i>For Heavy Duty Floors With A PEI 5 Rating, Add</i>	1.00	

09 31 Thin-Set Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 31 13 Thin-Set Ceramic Tiling (09 31)

09 31 13 00-0001 Thin-Set Ceramic Tiling (09 31 13)

09 31 13 00-0002	SF		Thin Set - Latex Portland Cement Mortar	1.38	0.76
			<i>For Up To 50, Add</i>	1.21	
			<i>For >50 To 250, Add</i>	0.23	
			<i>For >1,000, Deduct</i>	-0.12	
09 31 13 00-0003	SF		Clean And Scarify Existing Tile For Installation Of New Tile Over Existing	0.73	
			<i>For Up To 50, Add</i>	0.73	
			<i>For >50 To 250, Add</i>	0.15	
			<i>For >1,000, Deduct</i>	-0.07	

09 32 Mortar-Bed Tiling (09 30)

Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.

09 32 13 Mortar-Bed Ceramic Tiling (09 32)

09 32 13 00-0001 Mortar-Bed Ceramic Tiling (09 32 13)

09 32 13 00-0002	SF		3/4" Minimum Thickness Portland Cement Mortar Setting Bed	4.03	1.53
			Note: For residential floors. Includes 15 LB felt and wire reinforcement.		
			<i>For Up To 50, Add</i>	2.73	
			<i>For >50 To 250, Add</i>	0.46	
			<i>For >1,000, Deduct</i>	-0.23	
			<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 13 00-0003	SF		1-1/4" Minimum Thickness Portland Cement Mortar Setting Bed	5.53	2.04
			Note: For commercial floors. Includes 15 LB felt and wire reinforcement.		
			<i>For Up To 50, Add</i>	3.68	
			<i>For >50 To 250, Add</i>	0.61	
			<i>For >1,000, Deduct</i>	-0.31	
			<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
09 32 13 00-0004	SF		3/4" Portland Cement Plaster Scratch Coat for Walls	11.34	4.58
			Note: Includes 15 LB felt and expanded metal lath.		
			<i>For Up To 50, Add</i>	9.71	
			<i>For >50 To 250, Add</i>	1.83	
			<i>For >1,000, Deduct</i>	-0.92	
			<i>For Exterior Installation (Galvanized Reinforcement), Add</i>	0.15	
			<i>For Installation Without Felt And Metal Lath, Deduct</i>	-1.89	

09 34 Waterproofing-Membrane Tiling (09 30)

09 34 00 00-0001 Bonded Waterproofing System for Tiled Showers, Steam Showers, and Bathtub Surrounds (09 34)

09 34 00 00-0002 Prefabricated Assemblies For Tiled Showers (Schluter® KERDI Shower ST) (09 34 00 00-0001)

Note: For creating a watertight sloped shower assembly without a mortar bed. Includes a prefabricated polystyrene foam shower tray, 6" x 4-1/2" prefabricated polystyrene foam shower curb, waterproofing membrane for shower tray and surround, and center shower drain. Excludes tile, mortar, grout and shower accessories.

09 34 00 00-0003	EA		48" x 48", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,275.43	
09 34 00 00-0004	EA		32" x 60", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	1,494.86	
09 34 00 00-0005	EA		72" x 72", Prefabricated Assembly For Tiled Showers (Schluter® KERDI Shower ST/SC)	2,238.37	

09 34 00 00-0006 Prefabricated Polystyrene Shower Curbs And Ramps (09 34 00 00-0001)

Note: Prefabricated shower curbs and ramps for tiling over. Excludes tile.

09 34 00 00-0007	EA		15-7/8" Width, 48" Length, Prefabricated Polystyrene Shower Ramp (Schluter® SR-122)	154.39	
09 34 00 00-0008	EA		4-1/2" Width, 6" Height, 48" Length, Prefabricated Polystyrene Shower Curb (Schluter® SC-122)	149.37	

09 34 00 00-0009 Prefabricated Polystyrene Shower Benches (09 34 00 00-0001)

Note: Prefabricated shower bench for tiling over. Excludes tile.

09 34 00 00-0010	EA		16" Width, 16" Depth, 20" Height, Triangular Prefabricated Polystyrene Shower Bench (Schluter® SB41)	336.18	
09 34 00 00-0011	EA		32" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB4181)	682.85	
09 34 00 00-0012	EA		48" Width, 16" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB41122)	844.64	
09 34 00 00-0013	EA		32" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB2981)	613.52	

09 Finishes**09 30 Tiling****09 34 Waterproofing-Membrane Tiling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 34 00 00-0014	EA		42" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29107).....	682.85	
09 34 00 00-0015	EA		48" Width, 11-1/2" Depth, 20" Height, Rectangular Prefabricated Polystyrene Shower Bench (Schluter® SB29122).....	729.08	
09 34 00 00-0016			Prefabricated Polystyrene Shower Tray (09 34 00 00-0001) Note: Prefabricated shower tray for tiling over. Excludes tile.		
09 34 00 00-0017	EA		32" x 60", Prefabricated Polystyrene Shower Tray (Schluter® ST-81/152)	281.51	
09 34 00 00-0018	EA		48" x 48", Prefabricated Polystyrene Shower Tray (Schluter® ST-122)	281.51	
09 34 00 00-0019	EA		72" x 72", Prefabricated Polystyrene Shower Tray (Schluter® ST-183)	443.29	
09 34 00 00-0020			Waterproofing, Uncoupling And Vapor Management Membranes (Schluter® DITRA) (09 34 00 00-0001)		
09 34 00 00-0021	SF		1/8" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA).....	4.74	
09 34 00 00-0022	SF		5/16" Thick, High-Density Polyethylene Membrane With Grid Structure And Underside Anchoring Fleece, Waterproofing, Uncoupling And Vapor Management Membrane (Schluter® DITRA-XL).....	5.54	
09 34 00 00-0023			Bonded Waterproof Underlayment Membranes (Schluter® KERDI) (09 34 00 00-0001)		
09 34 00 00-0024	SF		0.008" Polyethylene Membrane With Polypropylene Fleece Laminated On Both Sides, Bonded Waterproof Underlayment Membrane (Schluter® KERDI 200/5M)	4.11	
09 35			Chemical-Resistant Tiling (09 30)		
Note: Tile setting methods in this section are used with ceramic or quarry tile materials as applicable, for a complete installation.					
09 35 13			Chemical-Resistant Ceramic Tiling (09 35)		
09 35 13 00-0001			Chemical-Resistant Ceramic Tiling (09 35 13)		
09 35 13 00-0002	SF		Thin Set - Epoxy Mortar	5.39	1.01
Note: Impact and chemical resistant.					
For Up To 50, Add				2.50	
For >50 To 250, Add				0.31	
For >1,000, Deduct				-0.15	
09 39			Tiling Transitions (09 30)		
09 39 00 00-0001			Tile Waterproofing And Crack Prevention (09 39)		
09 39 00 00-0002	CSF		30 Mil Waterproofing And Crack Prevention Membrane; RedGard	121.86	
09 39 00 00-0003			Waterproof Strip Membranes (Schluter® KERDI) (09 39)		
09 39 00 00-0004	LF		5" Wide, 4 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI BAND)	4.74	
09 39 00 00-0005	LF		10" Wide, 12 mil Polyethylene Waterproof Strip Membrane (Schluter® KERDI FLEX)	10.90	
09 39 00 00-0006			Coved Shaped Transition Profiles For Floor To Wall For Tile (09 39)		
09 39 00 00-0007	LF		5/16" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK).....	7.15	
09 39 00 00-0008	LF		3/8" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK)	7.12	
09 39 00 00-0009	LF		1/2" Height, Satin Anodized Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-AHK).....	7.41	
09 39 00 00-0010	LF		5/16" Height, PVC Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK)	6.76	
09 39 00 00-0011	LF		3/8" Height, Aluminum Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-PHK).....	7.06	
09 39 00 00-0012			Coved Shaped Inside Edge Protection And Transition Profiles For Wall To Wall For Tile (09 39)		
09 39 00 00-0013	LF		9/32" x 9/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	15.29	
09 39 00 00-0014	LF		11/32" x 11/32" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	15.75	
09 39 00 00-0015	LF		7/16" x 7/16" Height, Stainless Steel Cove Shaped Transition Profile Trim For Tile (Schluter® Dilex-EHK)	16.25	
09 39 00 00-0016			Tile Substrate (Schluter® KERDI BOARD) (09 39)		
09 39 00 00-0017	SF		1/2" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	9.18	0.80
09 39 00 00-0018	SF		5/8" Tile Substrate And Building Panel (Schluter® KERDI BOARD)	10.34	0.92
09 39 00 00-0019			Floor Edge Protection And Transition Profiles For Tile (09 39)		
09 39 00 00-0020	LF		1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	3.47	
09 39 00 00-0021	LF		5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	3.59	
09 39 00 00-0022	LF		3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	3.72	
09 39 00 00-0023	LF		1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE).....	3.93	
09 39 00 00-0024	LF		1/4" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	4.78	
09 39 00 00-0025	LF		5/16" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	4.95	
09 39 00 00-0026	LF		3/8" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.07	
09 39 00 00-0027	LF		1/2" Height, Curved Aluminum Edge Protection Trim For Tile (Schluter® SCHIENE-RADIUS)	5.20	
09 39 00 00-0028	LF		9/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T).....	3.67	
09 39 00 00-0029	LF		1" Height, Aluminum Transition Trim For Tile (Schluter® RENO-T)	5.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 39 00 00-0030 LF 1/4" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....	4.81	
09 39 00 00-0031 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....	5.08	
09 39 00 00-0032 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....	5.36	
09 39 00 00-0033 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-TK).....	6.59	
09 39 00 00-0034 LF 5/16" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U).....	4.99	
09 39 00 00-0035 LF 3/8" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U).....	5.27	
09 39 00 00-0036 LF 1/2" Height, Aluminum Transition Trim For Tile (Schluter® RENO-U).....	6.51	
09 39 00 00-0037 Outside Wall Edge Protection And Transition Profiles For Tile (09 39)		
09 39 00 00-0038 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....	4.96	
09 39 00 00-0039 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....	5.25	
09 39 00 00-0040 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....	5.68	
09 39 00 00-0041 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® QUADEC).....	6.12	
09 39 00 00-0042 LF 1/4" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....	5.55	
09 39 00 00-0043 LF 5/16" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....	6.10	
09 39 00 00-0044 LF 3/8" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....	6.64	
09 39 00 00-0045 LF 1/2" Height, Aluminum Edge Protection Trim For Tile (Schluter® RONDEC).....	7.60	
09 50 Ceilings (09)		
Note: Includes cutting for area around columns, speakers, sprinklers, diffusers, etc.		
09 51 Acoustical Ceilings (09 50)		
Note: Excludes suspension system. See CSI section 09 53 00 00-0000 for suspension systems.		
09 51 13 Acoustical Panel Ceilings (09 51)		
Note: Includes cutting around sprinkler heads, speakers, or other penetrations through the ceiling.		
09 51 13 00-0001 Fiberglass Panels (09 51 13)		
09 51 13 00-0002 Fiberglass Acoustical Panels (09 51 13 00-0001)		
Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0003 SF 2' x 2' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®).....	8.75	0.45
For Up To 50, Add	1.91	
For >50 To 200, Add	1.17	
For >200 To 500, Add	0.51	
For >2,500 To 4,000, Deduct	-0.22	
For >4,000 To 5,000, Deduct	-0.44	
For >5,000, Deduct	-0.69	
For Individual Room Quantities <495, Add	1.17	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.11	
09 51 13 00-0004 SF 2' x 4' x 3/4" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®).....	8.69	0.45
For Up To 50, Add	1.90	
For >50 To 200, Add	1.17	
For >200 To 500, Add	0.51	
For >2,500 To 4,000, Deduct	-0.22	
For >4,000 To 5,000, Deduct	-0.43	
For >5,000, Deduct	-0.69	
For Individual Room Quantities <495, Add	1.17	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.11	
09 51 13 00-0005 SF 2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®).....	9.24	0.57
For Up To 50, Add	2.03	
For >50 To 200, Add	1.24	
For >200 To 500, Add	0.54	
For >2,500 To 4,000, Deduct	-0.23	
For >4,000 To 5,000, Deduct	-0.46	
For >5,000, Deduct	-0.73	
For Individual Room Quantities <495, Add	1.24	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.12	
09 51 13 00-0006 SF 2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima®).....	9.34	0.57
For Up To 50, Add	2.04	
For >50 To 200, Add	1.25	
For >200 To 500, Add	0.55	
For >2,500 To 4,000, Deduct	-0.23	
For >4,000 To 5,000, Deduct	-0.47	
For >5,000, Deduct	-0.74	
For Individual Room Quantities <495, Add	1.25	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.12	
09 51 13 00-0007 SF 2' x 2' x 1" Thick, Square or Beveled Tegular Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3352, 3354, and 3355).....	9.60	0.57
For Up To 50, Add	2.08	
For >50 To 200, Add	1.28	
For >200 To 500, Add	0.56	
For >2,500 To 4,000, Deduct	-0.24	
For >4,000 To 5,000, Deduct	-0.48	
For >5,000, Deduct	-0.76	
For Individual Room Quantities <495, Add	1.28	
Note: For use with projects >500 SF		
For Ceilings >10' High, Add	0.12	

09 Finishes**09 50 Ceilings****09 51 Acoustical Ceilings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0008	SF		2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Optima® 3353)	9.59	0.57
			For Up To 50, Add	2.08	
			For >50 To 200, Add	1.28	
			For >200 To 500, Add	0.56	
			For >2,500 To 4,000, Deduct	-0.24	
			For >4,000 To 5,000, Deduct	-0.48	
			For >5,000, Deduct	-0.76	
			For Individual Room Quantities <495, Add	1.28	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0009	SF		2' x 2' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	10.00	0.57
			For Up To 50, Add	2.14	
			For >50 To 200, Add	1.32	
			For >200 To 500, Add	0.58	
			For >2,500 To 4,000, Deduct	-0.25	
			For >4,000 To 5,000, Deduct	-0.50	
			For >5,000, Deduct	-0.79	
			For Individual Room Quantities <495, Add	1.32	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0010	SF		2' x 4' x 1" Thick, Square Edge, Fiberglass Acoustical Ceiling Panel (Armstrong Lyra™)	9.98	0.57
			For Up To 50, Add	2.14	
			For >50 To 200, Add	1.32	
			For >200 To 500, Add	0.58	
			For >2,500 To 4,000, Deduct	-0.25	
			For >4,000 To 5,000, Deduct	-0.50	
			For >5,000, Deduct	-0.79	
			For Individual Room Quantities <495, Add	1.32	
			Note: For use with projects >500 SF		
			For Ceilings >10' High, Add	0.12	
09 51 13 00-0011			Mineral Fiber Panels <small>(09 51 13)</small>		
09 51 13 00-0012			Mineral Fiber Acoustical Ceiling Panels <small>(09 51 13 00-0011)</small>		
			Note: Includes square or tegular edge and class A fire rating.		
09 51 13 00-0013	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.64	0.45
			For Up To 50, Add	0.99	
			For >50 To 200, Add	0.56	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.24	
			For Individual Room Quantities <495, Add	0.56	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0014	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.62	0.68
			For Up To 50, Add	0.99	
			For >50 To 200, Add	0.56	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.23	
			For Individual Room Quantities <495, Add	0.56	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0015	SF		2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.90	0.45
			For Up To 50, Add	1.03	
			For >50 To 200, Add	0.59	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.25	
			For Individual Room Quantities <495, Add	0.59	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0016	SF		2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega)	2.90	0.45
			For Up To 50, Add	1.03	
			For >50 To 200, Add	0.59	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.25	
			For Individual Room Quantities <495, Add	0.59	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0017 SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.11	0.68
For Up To 50, Add	1.06	
For >50 To 200, Add	0.61	
For >200 To 500, Add	0.23	
For >2,500 To 4,000, Deduct	-0.08	
For >4,000 To 5,000, Deduct	-0.16	
For >5,000, Deduct	-0.27	
For Individual Room Quantities <495, Add	0.61	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0018 SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.12	0.68
For Up To 50, Add	1.06	
For >50 To 200, Add	0.61	
For >200 To 500, Add	0.23	
For >2,500 To 4,000, Deduct	-0.08	
For >4,000 To 5,000, Deduct	-0.16	
For >5,000, Deduct	-0.27	
For Individual Room Quantities <495, Add	0.61	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0019 SF 2' x 2' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cortega Fire Guard)	3.39	0.68
For Up To 50, Add	1.10	
For >50 To 200, Add	0.64	
For >200 To 500, Add	0.24	
For >2,500 To 4,000, Deduct	-0.08	
For >4,000 To 5,000, Deduct	-0.17	
For >5,000, Deduct	-0.29	
For Individual Room Quantities <495, Add	0.64	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0020 SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.88	0.45
For Up To 50, Add	1.03	
For >50 To 200, Add	0.59	
For >200 To 500, Add	0.22	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.14	
For >5,000, Deduct	-0.25	
For Individual Room Quantities <495, Add	0.59	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0021 SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	2.87	0.68
For Up To 50, Add	1.03	
For >50 To 200, Add	0.59	
For >200 To 500, Add	0.22	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.14	
For >5,000, Deduct	-0.25	
For Individual Room Quantities <495, Add	0.59	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0022 SF 2' x 2' x 5/8" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Designer)	3.29	0.45
For Up To 50, Add	1.09	
For >50 To 200, Add	0.63	
For >200 To 500, Add	0.24	
For >2,500 To 4,000, Deduct	-0.08	
For >4,000 To 5,000, Deduct	-0.16	
For >5,000, Deduct	-0.28	
For Individual Room Quantities <495, Add	0.63	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0023 SF 2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.64	0.45
For Up To 50, Add	0.99	
For >50 To 200, Add	0.56	
For >200 To 500, Add	0.21	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.13	
For >5,000, Deduct	-0.24	
For Individual Room Quantities <495, Add	0.56	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	
09 51 13 00-0024 SF 2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured)	2.62	0.45
For Up To 50, Add	0.99	
For >50 To 200, Add	0.56	
For >200 To 500, Add	0.21	
For >2,500 To 4,000, Deduct	-0.07	
For >4,000 To 5,000, Deduct	-0.13	
For >5,000, Deduct	-0.23	
For Individual Room Quantities <495, Add	0.56	
Note: For use with projects >500 SF		
For Vertical Application, Add	0.67	
For Ceilings >10' High, Add	0.11	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0025	SF		2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fissured).....	2.90	0.45
			For Up To 50, Add	1.03	
			For >50 To 200, Add	0.59	
			For >200 To 500, Add	0.22	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.25	
			For Individual Room Quantities <495, Add	0.59	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0026	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	2.66	0.45
			For Up To 50, Add	1.00	
			For >50 To 200, Add	0.56	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.24	
			For Individual Room Quantities <495, Add	0.56	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0027	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	2.65	0.45
			For Up To 50, Add	0.99	
			For >50 To 200, Add	0.56	
			For >200 To 500, Add	0.21	
			For >2,500 To 4,000, Deduct	-0.07	
			For >4,000 To 5,000, Deduct	-0.13	
			For >5,000, Deduct	-0.24	
			For Individual Room Quantities <495, Add	0.56	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0028	SF		2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.04	0.45
			For Up To 50, Add	1.05	
			For >50 To 200, Add	0.60	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.27	
			For Individual Room Quantities <495, Add	0.60	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0029	SF		2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.04	0.45
			For Up To 50, Add	1.05	
			For >50 To 200, Add	0.60	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.15	
			For >5,000, Deduct	-0.27	
			For Individual Room Quantities <495, Add	0.60	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0030	SF		2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.19	0.45
			For Up To 50, Add	1.07	
			For >50 To 200, Add	0.62	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.28	
			For Individual Room Quantities <495, Add	0.62	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0031	SF		2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.74	0.45
			For Up To 50, Add	1.16	
			For >50 To 200, Add	0.67	
			For >200 To 500, Add	0.26	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.19	
			For >5,000, Deduct	-0.32	
			For Individual Room Quantities <495, Add	0.67	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0032	SF		2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.11	0.45
			For Up To 50, Add	1.06	
			For >50 To 200, Add	0.61	
			For >200 To 500, Add	0.23	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.16	
			For >5,000, Deduct	-0.27	
			For Individual Room Quantities <495, Add	0.61	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 51	13 00-0033	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	3.76	0.45
				For Up To 50, Add	1.16	
				For >50 To 200, Add	0.67	
				For >200 To 500, Add	0.26	
				For >2,500 To 4,000, Deduct	-0.09	
				For >4,000 To 5,000, Deduct	-0.19	
				For >5,000, Deduct	-0.32	
				For Individual Room Quantities <495, Add	0.67	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51	13 00-0034	SF	30" x 60" x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured).....	2.92	0.45
				For Up To 50, Add	1.03	
				For >50 To 200, Add	0.59	
				For >200 To 500, Add	0.22	
				For >2,500 To 4,000, Deduct	-0.07	
				For >4,000 To 5,000, Deduct	-0.15	
				For >5,000, Deduct	-0.26	
				For Individual Room Quantities <495, Add	0.59	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51	13 00-0035	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.19	0.68
				For Up To 50, Add	1.07	
				For >50 To 200, Add	0.62	
				For >200 To 500, Add	0.23	
				For >2,500 To 4,000, Deduct	-0.08	
				For >4,000 To 5,000, Deduct	-0.16	
				For >5,000, Deduct	-0.28	
				For Individual Room Quantities <495, Add	0.62	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51	13 00-0036	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.13	0.68
				For Up To 50, Add	1.07	
				For >50 To 200, Add	0.61	
				For >200 To 500, Add	0.23	
				For >2,500 To 4,000, Deduct	-0.08	
				For >4,000 To 5,000, Deduct	-0.16	
				For >5,000, Deduct	-0.27	
				For Individual Room Quantities <495, Add	0.61	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51	13 00-0037	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.52	0.68
				For Up To 50, Add	1.12	
				For >50 To 200, Add	0.65	
				For >200 To 500, Add	0.25	
				For >2,500 To 4,000, Deduct	-0.09	
				For >4,000 To 5,000, Deduct	-0.18	
				For >5,000, Deduct	-0.30	
				For Individual Room Quantities <495, Add	0.65	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51	13 00-0038	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Fine Fissured Fire Guard)	3.52	0.68
				For Up To 50, Add	1.12	
				For >50 To 200, Add	0.65	
				For >200 To 500, Add	0.25	
				For >2,500 To 4,000, Deduct	-0.09	
				For >4,000 To 5,000, Deduct	-0.18	
				For >5,000, Deduct	-0.30	
				For Individual Room Quantities <495, Add	0.65	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51	13 00-0039	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ceramaguard Fine Fissured).....	8.31	0.80
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51	13 00-0040	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	3.36	0.45
				For Up To 50, Add	1.10	
				For >50 To 200, Add	0.63	
				For >200 To 500, Add	0.24	
				For >2,500 To 4,000, Deduct	-0.08	
				For >4,000 To 5,000, Deduct	-0.17	
				For >5,000, Deduct	-0.29	
				For Individual Room Quantities <495, Add	0.63	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 13 00-0041	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	3.35	0.45
			For Up To 50, Add	1.10	
			For >50 To 200, Add	0.63	
			For >200 To 500, Add	0.24	
			For >2,500 To 4,000, Deduct	-0.08	
			For >4,000 To 5,000, Deduct	-0.17	
			For >5,000, Deduct	-0.29	
			For Individual Room Quantities <495, Add	0.63	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0042	SF		2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	3.92	0.45
			For Up To 50, Add	1.18	
			For >50 To 200, Add	0.69	
			For >200 To 500, Add	0.27	
			For >2,500 To 4,000, Deduct	-0.10	
			For >4,000 To 5,000, Deduct	-0.20	
			For >5,000, Deduct	-0.33	
			For Individual Room Quantities <495, Add	0.69	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0043	SF		2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Georgian™).....	3.59	0.45
			For Up To 50, Add	1.13	
			For >50 To 200, Add	0.66	
			For >200 To 500, Add	0.25	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.18	
			For >5,000, Deduct	-0.31	
			For Individual Room Quantities <495, Add	0.66	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0044	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.54	0.45
			For Up To 50, Add	1.13	
			For >50 To 200, Add	0.65	
			For >200 To 500, Add	0.25	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.18	
			For >5,000, Deduct	-0.30	
			For Individual Room Quantities <495, Add	0.65	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0045	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.54	0.45
			For Up To 50, Add	1.13	
			For >50 To 200, Add	0.65	
			For >200 To 500, Add	0.25	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.18	
			For >5,000, Deduct	-0.30	
			For Individual Room Quantities <495, Add	0.65	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0046	SF		2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.72	0.45
			For Up To 50, Add	1.15	
			For >50 To 200, Add	0.67	
			For >200 To 500, Add	0.26	
			For >2,500 To 4,000, Deduct	-0.09	
			For >4,000 To 5,000, Deduct	-0.19	
			For >5,000, Deduct	-0.32	
			For Individual Room Quantities <495, Add	0.67	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0047	SF		2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune).....	3.86	0.45
			For Up To 50, Add	1.18	
			For >50 To 200, Add	0.68	
			For >200 To 500, Add	0.27	
			For >2,500 To 4,000, Deduct	-0.10	
			For >4,000 To 5,000, Deduct	-0.19	
			For >5,000, Deduct	-0.33	
			For Individual Room Quantities <495, Add	0.68	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51 13 00-0048	SF		2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard).....	4.07	0.45
			For Up To 50, Add	1.21	
			For >50 To 200, Add	0.71	
			For >200 To 500, Add	0.28	
			For >2,500 To 4,000, Deduct	-0.10	
			For >4,000 To 5,000, Deduct	-0.20	
			For >5,000, Deduct	-0.34	
			For Individual Room Quantities <495, Add	0.71	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 51 13 00-0049	SF		2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Dune Fire Guard).....	4.04	0.45
				For Up To 50, Add	1.20	
				For >50 To 200, Add	0.70	
				For >200 To 500, Add	0.28	
				For >2,500 To 4,000, Deduct	-0.10	
				For >4,000 To 5,000, Deduct	-0.20	
				For >5,000, Deduct	-0.34	
				For Individual Room Quantities <495, Add	0.70	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0050	SF		2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	3.93	0.68
				For Up To 50, Add	1.19	
				For >50 To 200, Add	0.69	
				For >200 To 500, Add	0.27	
				For >2,500 To 4,000, Deduct	-0.10	
				For >4,000 To 5,000, Deduct	-0.20	
				For >5,000, Deduct	-0.33	
				For Individual Room Quantities <495, Add	0.69	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0051	SF		2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa)	3.92	0.68
				For Up To 50, Add	1.18	
				For >50 To 200, Add	0.69	
				For >200 To 500, Add	0.27	
				For >2,500 To 4,000, Deduct	-0.10	
				For >4,000 To 5,000, Deduct	-0.20	
				For >5,000, Deduct	-0.33	
				For Individual Room Quantities <495, Add	0.69	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0052	SF		2' x 2' x 3/4" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa).....	4.24	0.45
				For Up To 50, Add	1.23	
				For >50 To 200, Add	0.72	
				For >200 To 500, Add	0.29	
				For >2,500 To 4,000, Deduct	-0.11	
				For >4,000 To 5,000, Deduct	-0.21	
				For >5,000, Deduct	-0.36	
				For Individual Room Quantities <495, Add	0.72	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0053	SF		2' x 4' x 3/4" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Mesa).....	4.15	0.45
				For Up To 50, Add	1.22	
				For >50 To 200, Add	0.71	
				For >200 To 500, Add	0.28	
				For >2,500 To 4,000, Deduct	-0.10	
				For >4,000 To 5,000, Deduct	-0.21	
				For >5,000, Deduct	-0.35	
				For Individual Room Quantities <495, Add	0.71	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0054	SF		2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus).....	5.07	0.68
				For Up To 50, Add	1.36	
				For >50 To 200, Add	0.81	
				For >200 To 500, Add	0.33	
				For >2,500 To 4,000, Deduct	-0.13	
				For >4,000 To 5,000, Deduct	-0.25	
				For >5,000, Deduct	-0.42	
				For Individual Room Quantities <495, Add	0.81	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0055	SF		2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus).....	5.03	0.68
				For Up To 50, Add	1.35	
				For >50 To 200, Add	0.80	
				For >200 To 500, Add	0.33	
				For >2,500 To 4,000, Deduct	-0.13	
				For >4,000 To 5,000, Deduct	-0.25	
				For >5,000, Deduct	-0.41	
				For Individual Room Quantities <495, Add	0.80	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0056	SF		2' x 2' x 3/4" Thick, Beveled Tegalur Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus).....	5.07	0.68
				For Up To 50, Add	1.36	
				For >50 To 200, Add	0.81	
				For >200 To 500, Add	0.33	
				For >2,500 To 4,000, Deduct	-0.13	
				For >4,000 To 5,000, Deduct	-0.25	
				For >5,000, Deduct	-0.42	
				For Individual Room Quantities <495, Add	0.81	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51	13 00-0057	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus)	5.03	0.68
			For Up To 50, Add	1.35	
			For >50 To 200, Add	0.80	
			For >200 To 500, Add	0.33	
			For >2,500 To 4,000, Deduct	-0.13	
			For >4,000 To 5,000, Deduct	-0.25	
			For >5,000, Deduct	-0.41	
			For Individual Room Quantities <495, Add	0.80	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0058	SF	2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Cirrus Second Look).....	5.55	0.45
			For Up To 50, Add	1.43	
			For >50 To 200, Add	0.85	
			For >200 To 500, Add	0.35	
			For >2,500 To 4,000, Deduct	-0.14	
			For >4,000 To 5,000, Deduct	-0.28	
			For >5,000, Deduct	-0.45	
			For Individual Room Quantities <495, Add	0.85	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0059	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	5.51	0.68
			For Up To 50, Add	1.42	
			For >50 To 200, Add	0.85	
			For >200 To 500, Add	0.35	
			For >2,500 To 4,000, Deduct	-0.14	
			For >4,000 To 5,000, Deduct	-0.28	
			For >5,000, Deduct	-0.45	
			For Individual Room Quantities <495, Add	0.85	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0060	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra).....	5.50	0.68
			For Up To 50, Add	1.42	
			For >50 To 200, Add	0.85	
			For >200 To 500, Add	0.35	
			For >2,500 To 4,000, Deduct	-0.14	
			For >4,000 To 5,000, Deduct	-0.28	
			For >5,000, Deduct	-0.45	
			For Individual Room Quantities <495, Add	0.85	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0061	SF	2' x 2' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.94	0.45
			For Up To 50, Add	1.49	
			For >50 To 200, Add	0.89	
			For >200 To 500, Add	0.37	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.30	
			For >5,000, Deduct	-0.48	
			For Individual Room Quantities <495, Add	0.89	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0062	SF	2' x 4' x 5/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Tundra)	5.94	0.45
			For Up To 50, Add	1.49	
			For >50 To 200, Add	0.89	
			For >200 To 500, Add	0.37	
			For >2,500 To 4,000, Deduct	-0.15	
			For >4,000 To 5,000, Deduct	-0.30	
			For >5,000, Deduct	-0.48	
			For Individual Room Quantities <495, Add	0.89	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0063	SF	2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.53	0.45
			For Up To 50, Add	1.43	
			For >50 To 200, Add	0.85	
			For >200 To 500, Add	0.35	
			For >2,500 To 4,000, Deduct	-0.14	
			For >4,000 To 5,000, Deduct	-0.28	
			For >5,000, Deduct	-0.45	
			For Individual Room Quantities <495, Add	0.85	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0064	SF	2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®)	5.53	0.45
			For Up To 50, Add	1.43	
			For >50 To 200, Add	0.85	
			For >200 To 500, Add	0.35	
			For >2,500 To 4,000, Deduct	-0.14	
			For >4,000 To 5,000, Deduct	-0.28	
			For >5,000, Deduct	-0.45	
			For Individual Room Quantities <495, Add	0.85	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 51 13 00-0065	SF		2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®).....	5.53	0.45
				For Up To 50, Add	1.43	
				For >50 To 200, Add	0.85	
				For >200 To 500, Add	0.35	
				For >2,500 To 4,000, Deduct	-0.14	
				For >4,000 To 5,000, Deduct	-0.28	
				For >5,000, Deduct	-0.45	
				For Individual Room Quantities <495, Add	0.85	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0066	SF		2' x 4' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima®).....	5.53	0.45
				For Up To 50, Add	1.43	
				For >50 To 200, Add	0.85	
				For >200 To 500, Add	0.35	
				For >2,500 To 4,000, Deduct	-0.14	
				For >4,000 To 5,000, Deduct	-0.28	
				For >5,000, Deduct	-0.45	
				For Individual Room Quantities <495, Add	0.85	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0067	SF		2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC).....	5.94	0.57
				For Up To 50, Add	1.53	
				For >50 To 200, Add	0.91	
				For >200 To 500, Add	0.38	
				For >2,500 To 4,000, Deduct	-0.15	
				For >4,000 To 5,000, Deduct	-0.30	
				For >5,000, Deduct	-0.49	
				For Individual Room Quantities <495, Add	0.91	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.72	
				For Ceilings >10' High, Add	0.12	
	09 51 13 00-0068	SF		2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC).....	5.94	0.57
				For Up To 50, Add	1.53	
				For >50 To 200, Add	0.91	
				For >200 To 500, Add	0.38	
				For >2,500 To 4,000, Deduct	-0.15	
				For >4,000 To 5,000, Deduct	-0.30	
				For >5,000, Deduct	-0.49	
				For Individual Room Quantities <495, Add	0.91	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.72	
				For Ceilings >10' High, Add	0.12	
	09 51 13 00-0069	SF		2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC).....	5.94	0.57
				For Up To 50, Add	1.53	
				For >50 To 200, Add	0.91	
				For >200 To 500, Add	0.38	
				For >2,500 To 4,000, Deduct	-0.15	
				For >4,000 To 5,000, Deduct	-0.30	
				For >5,000, Deduct	-0.49	
				For Individual Room Quantities <495, Add	0.91	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.72	
				For Ceilings >10' High, Add	0.12	
	09 51 13 00-0070	SF		2' x 4' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima High-NRC).....	5.94	0.57
				For Up To 50, Add	1.53	
				For >50 To 200, Add	0.91	
				For >200 To 500, Add	0.38	
				For >2,500 To 4,000, Deduct	-0.15	
				For >4,000 To 5,000, Deduct	-0.30	
				For >5,000, Deduct	-0.49	
				For Individual Room Quantities <495, Add	0.91	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.72	
				For Ceilings >10' High, Add	0.12	
	09 51 13 00-0071	SF		2' x 2' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™).....	6.23	0.45
				For Up To 50, Add	1.53	
				For >50 To 200, Add	0.92	
				For >200 To 500, Add	0.39	
				For >2,500 To 4,000, Deduct	-0.16	
				For >4,000 To 5,000, Deduct	-0.31	
				For >5,000, Deduct	-0.50	
				For Individual Room Quantities <495, Add	0.92	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	
	09 51 13 00-0072	SF		2' x 4' x 3/4" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™).....	6.23	0.45
				For Up To 50, Add	1.53	
				For >50 To 200, Add	0.92	
				For >200 To 500, Add	0.39	
				For >2,500 To 4,000, Deduct	-0.16	
				For >4,000 To 5,000, Deduct	-0.31	
				For >5,000, Deduct	-0.50	
				For Individual Room Quantities <495, Add	0.92	
				Note: For use with projects >500 SF		
				For Vertical Application, Add	0.67	
				For Ceilings >10' High, Add	0.11	

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51	13 00-0073	SF	2' x 2' x 3/4" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™).....	6.23	0.45
			For Up To 50, Add	1.53	
			For >50 To 200, Add	0.92	
			For >200 To 500, Add	0.39	
			For >2,500 To 4,000, Deduct	-0.16	
			For >4,000 To 5,000, Deduct	-0.31	
			For >5,000, Deduct	-0.50	
			For Individual Room Quantities <495, Add	0.92	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0074	SF	2' x 2' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC).....	7.06	0.45
			For Up To 50, Add	1.70	
			For >50 To 200, Add	1.03	
			For >200 To 500, Add	0.43	
			For >2,500 To 4,000, Deduct	-0.18	
			For >4,000 To 5,000, Deduct	-0.35	
			For >5,000, Deduct	-0.57	
			For Individual Room Quantities <495, Add	1.03	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.72	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0075	SF	2' x 4' x 7/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC).....	6.96	0.45
			For Up To 50, Add	1.68	
			For >50 To 200, Add	1.02	
			For >200 To 500, Add	0.43	
			For >2,500 To 4,000, Deduct	-0.17	
			For >4,000 To 5,000, Deduct	-0.35	
			For >5,000, Deduct	-0.56	
			For Individual Room Quantities <495, Add	1.02	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.72	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0076	SF	2' x 2' x 7/8" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Ultima Health Zone™ High-NRC).....	7.01	0.45
			For Up To 50, Add	1.69	
			For >50 To 200, Add	1.02	
			For >200 To 500, Add	0.43	
			For >2,500 To 4,000, Deduct	-0.18	
			For >4,000 To 5,000, Deduct	-0.35	
			For >5,000, Deduct	-0.57	
			For Individual Room Quantities <495, Add	1.02	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.72	
			For Ceilings >10' High, Add	0.12	
09 51	13 00-0077	SF	2' x 2' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL).....	6.57	0.45
			For Up To 50, Add	1.58	
			For >50 To 200, Add	0.96	
			For >200 To 500, Add	0.40	
			For >2,500 To 4,000, Deduct	-0.16	
			For >4,000 To 5,000, Deduct	-0.33	
			For >5,000, Deduct	-0.53	
			For Individual Room Quantities <495, Add	0.96	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0078	SF	2' x 4' x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong VL).....	6.45	0.45
			For Up To 50, Add	1.56	
			For >50 To 200, Add	0.94	
			For >200 To 500, Add	0.40	
			For >2,500 To 4,000, Deduct	-0.16	
			For >4,000 To 5,000, Deduct	-0.32	
			For >5,000, Deduct	-0.52	
			For Individual Room Quantities <495, Add	0.94	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.67	
			For Ceilings >10' High, Add	0.11	
09 51	13 00-0079	SF	2' x 2' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla).....	7.13	0.57
			For Up To 50, Add	1.71	
			For >50 To 200, Add	1.03	
			For >200 To 500, Add	0.44	
			For >2,500 To 4,000, Deduct	-0.18	
			For >4,000 To 5,000, Deduct	-0.36	
			For >5,000, Deduct	-0.57	
			For Individual Room Quantities <495, Add	1.03	
			Note: For use with projects >500 SF		
			For Vertical Application, Add	0.72	
			For Ceilings >10' High, Add	0.12	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
	09 51	13 00-0080	SF	2' x 4' x 1" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla).....	7.13	0.57	
				For Up To 50, Add	1.71		
				For >50 To 200, Add	1.03		
				For >200 To 500, Add	0.44		
				For >2,500 To 4,000, Deduct	-0.18		
				For >4,000 To 5,000, Deduct	-0.36		
				For >5,000, Deduct	-0.57		
				For Individual Room Quantities <495, Add	1.03		
				Note: For use with projects >500 SF			
				For Vertical Application, Add	0.72		
				For Ceilings >10' High, Add	0.12		
	09 51	13 00-0081	SF	2' x 2' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.13	0.45	
				For Up To 50, Add	1.71		
				For >50 To 200, Add	1.03		
				For >200 To 500, Add	0.44		
				For >2,500 To 4,000, Deduct	-0.18		
				For >4,000 To 5,000, Deduct	-0.36		
				For >5,000, Deduct	-0.57		
				For Individual Room Quantities <495, Add	1.03		
				Note: For use with projects >500 SF			
				For Vertical Application, Add	0.72		
				For Ceilings >10' High, Add	0.12		
	09 51	13 00-0082	SF	2' x 4' x 1" Thick, Beveled Tegular Edge, Mineral Fiber Acoustical Ceiling Panel (Armstrong Calla)	7.13	0.57	
				For Up To 50, Add	1.71		
				For >50 To 200, Add	1.03		
				For >200 To 500, Add	0.44		
				For >2,500 To 4,000, Deduct	-0.18		
				For >4,000 To 5,000, Deduct	-0.36		
				For >5,000, Deduct	-0.57		
				For Individual Room Quantities <495, Add	1.03		
				Note: For use with projects >500 SF			
				For Vertical Application, Add	0.72		
				For Ceilings >10' High, Add	0.12		
	09 51	13 00-0083	SF	20" x 60" x 5/8" Thick, Square Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2617).....	2.57	0.45	
				For Individual Room Quantities <495, Add	0.56		
				Note: For use with projects >500 SF			
				For Vertical Application, Add	0.67		
				For Ceilings >10' High, Add	0.11		
	09 51	13 00-0084	SF	20" x 60" x 5/8" Thick, Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ 2627).....	2.65	0.45	
				For Individual Room Quantities <495, Add	0.56		
				Note: For use with projects >500 SF			
				For Vertical Application, Add	0.67		
				For Ceilings >10' High, Add	0.11		
	09 51	13 00-0085	SF	2' x 4' x 3/4" Tapered Edge, Mineral Fiber Acoustical Ceiling Panel (USG Radar™ Illusion Basic Two 2742).....	3.95	0.45	
				For Individual Room Quantities <495, Add	0.69		
				Note: For use with projects >500 SF			
				For Vertical Application, Add	0.67		
				For Ceilings >10' High, Add	0.11		
	09 51	13 00-0086	Wood Fiber Panels <small>(09 51 13)</small>				
		09 51	13 00-0087	SF	2' x 2' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	6.56	0.68
				For Up To 50, Add	1.80		
				For >50 To 200, Add	1.06		
				For >200 To 500, Add	0.43		
				For >2,500 To 4,000, Deduct	-0.16		
				For >4,000 To 5,000, Deduct	-0.33		
				For >5,000, Deduct	-0.54		
				For Individual Room Quantities <495, Add	1.06		
				Note: For use with projects >500 SF			
				For Ceilings >10' High, Add	0.15		
		09 51	13 00-0088	SF	2' x 4' x 1/2" Wood Fiber Acoustical Ceiling Panels.....	6.35	0.68
				For Up To 50, Add	1.68		
				For >50 To 200, Add	1.00		
				For >200 To 500, Add	0.41		
				For >2,500 To 4,000, Deduct	-0.16		
				For >4,000 To 5,000, Deduct	-0.32		
				For >5,000, Deduct	-0.52		
				For Individual Room Quantities <495, Add	1.00		
				Note: For use with projects >500 SF			
				For Ceilings >10' High, Add	0.14		
		09 51	13 00-0089	SF	2' x 2' x 5/8" Wood Fiber Acoustical Ceiling Panels.....	8.58	0.68
				For Up To 50, Add	2.10		
				For >50 To 200, Add	1.27		
				For >200 To 500, Add	0.53		
				For >2,500 To 4,000, Deduct	-0.21		
				For >4,000 To 5,000, Deduct	-0.43		
				For >5,000, Deduct	-0.69		
				For Individual Room Quantities <495, Add	1.27		
				Note: For use with projects >500 SF			
				For Ceilings >10' High, Add	0.15		

09 Finishes

09 50 Ceilings

09 51 Acoustical Ceilings



MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 51 13 00-0090	SF	2' x 4' x 5/8" Wood Fiber Acoustical Ceiling Panels	8.37	0.68
		For Up To 50, Add	1.99	
		For >50 To 200, Add	1.20	
		For >200 To 500, Add	0.51	
		For >2,500 To 4,000, Deduct	-0.21	
		For >4,000 To 5,000, Deduct	-0.42	
		For >5,000, Deduct	-0.67	
		For Individual Room Quantities <495, Add	1.20	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.14	
09 51 13 00-0091	SF	2' x 2' x 3/4" Wood Fiber Acoustical Ceiling Panels	10.52	0.68
		For Up To 50, Add	2.39	
		For >50 To 200, Add	1.46	
		For >200 To 500, Add	0.63	
		For >2,500 To 4,000, Deduct	-0.26	
		For >4,000 To 5,000, Deduct	-0.53	
		For >5,000, Deduct	-0.84	
		For Individual Room Quantities <495, Add	1.46	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.15	
09 51 13 00-0092	SF	2' x 4' x 3/4" Wood Fiber Acoustical Ceiling Panels	10.31	0.68
		For Up To 50, Add	2.28	
		For >50 To 200, Add	1.40	
		For >200 To 500, Add	0.61	
		For >2,500 To 4,000, Deduct	-0.26	
		For >4,000 To 5,000, Deduct	-0.52	
		For >5,000, Deduct	-0.82	
		For Individual Room Quantities <495, Add	1.40	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.14	
09 51 13 00-0093	SF	2' x 2' x 1" Wood Fiber Acoustical Ceiling Panels	7.74	0.68
		For Up To 50, Add	1.98	
		For >50 To 200, Add	1.18	
		For >200 To 500, Add	0.49	
		For >2,500 To 4,000, Deduct	-0.19	
		For >4,000 To 5,000, Deduct	-0.39	
		For >5,000, Deduct	-0.63	
		For Individual Room Quantities <495, Add	1.18	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.15	
09 51 13 00-0094	SF	2' x 4' x 1" Wood Fiber Acoustical Ceiling Panels	7.53	0.68
		For Up To 50, Add	1.86	
		For >50 To 200, Add	1.12	
		For >200 To 500, Add	0.47	
		For >2,500 To 4,000, Deduct	-0.19	
		For >4,000 To 5,000, Deduct	-0.38	
		For >5,000, Deduct	-0.61	
		For Individual Room Quantities <495, Add	1.12	
		Note: For use with projects >500 SF		
		For Ceilings >10' High, Add	0.14	
09 51 13 00-0095		Removal And Reinstallation Of Acoustical Ceiling Panels (09 51 13)		
		Note: 2'x2' Or 2'x4'. Includes storage and cleaning.		
09 51 13 00-0096	SF	Removal And Reinstallation Of Acoustical Panels Only	2.34	
		For Up To 50, Add	1.29	
		For >50 To 200, Add	0.70	
		For >200 To 500, Add	0.23	
		For >2,500 To 4,000, Deduct	-0.06	
		For >4,000 To 5,000, Deduct	-0.12	
		For >5,000, Deduct	-0.23	
		For Ceilings >10' High, Add	0.18	
09 51 23		Acoustical Tile Ceilings (09 51)		
		Note: Includes fastening with staples and/or adhesive.		
09 51 23 00-0001		Mineral Fiber Acoustical Tile Ceilings (09 51 23)		
09 51 23 00-0002	SF	12" x 12" x 1/2" Tongue And Groove Mineral Fiber Acoustical Ceiling Tile.....	6.01	1.26
		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
		For Up To 50, Add	2.05	
		For >50 To 200, Add	1.17	
		For >200 To 500, Add	0.44	
		For >2,500, Deduct	-0.30	
		For Ceilings >10' High, Add	0.21	
09 51 23 00-0003	SF	12" x 12" x 5/8" Spline Mineral Fiber Acoustical Ceiling Tile.....	7.19	1.26
		For Furring 1 x 3 Strips 12" On Center, Add	0.50	
		For Up To 50, Add	2.22	
		For >50 To 200, Add	1.29	
		For >200 To 500, Add	0.50	
		For >2,500, Deduct	-0.36	
		For Placing Tiles In Suspended Ceiling System, Deduct	-0.49	
		For Ceilings >10' High, Add	0.21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 23 00-0004 SF 12" x 12" x 3/4" Spline Mineral Fiber Acoustical Ceiling Tile.....	8.13	1.26
<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
<i>For Up To 50, Add</i>	2.36	
<i>For >50 To 200, Add</i>	1.39	
<i>For >200 To 500, Add</i>	0.55	
<i>For >2,500, Deduct</i>	-0.41	
<i>For Placing Tiles In Suspended Ceiling System, Deduct</i>	-0.49	
<i>For Ceilings >10' High, Add</i>	0.21	
09 51 23 00-0005 Wood Fiber Acoustical Tile Ceilings (09 51 23)		
09 51 23 00-0006 SF 12" x 12" x 1/2" Staple Flange Wood Fiber Acoustical Ceiling Tile.....	5.52	1.26
<i>For Furring 1 x 3 Strips 12" On Center, Add</i>	0.50	
<i>For Up To 50, Add</i>	1.97	
<i>For >50 To 200, Add</i>	1.12	
<i>For >200 To 500, Add</i>	0.42	
<i>For >2,500, Deduct</i>	-0.28	
<i>For Ceilings >10' High, Add</i>	0.21	
09 51 33 Acoustical Metal Pan Ceilings (09 51)		
09 51 33 13 Acoustical Snap-in Metal Pan Ceilings (09 51 33)		
09 51 33 13-0001 Galvanized Steel, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0002 SF 24" x 24", Unperforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	22.71	1.00
09 51 33 13-0003 SF 24" x 24", Perforated, Tamper-Resistant, 18 Gauge, Galvanized Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ SecureLock™).....	24.32	1.00
09 51 33 13-0004 Aluminum, Acoustical Snap-In Metal Ceiling Panels (09 51 33 13)		
09 51 33 13-0005 SF 24" x 24", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	16.84	1.15
09 51 33 13-0006 SF 24" x 24", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	28.75	1.15
09 51 33 13-0007 SF 24" x 24", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	56.49	1.15
09 51 33 13-0008 SF 24" x 24", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.45	1.15
09 51 33 13-0009 SF 24" x 24", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	17.80	1.15
09 51 33 13-0010 SF 24" x 24", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	28.01	1.15
09 51 33 13-0011 SF 24" x 24", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	56.07	1.15
09 51 33 13-0012 SF 24" x 24", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.24	1.15
09 51 33 13-0013 SF 30" x 30", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	23.01	1.15
09 51 33 13-0014 SF 30" x 30", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	30.34	1.15
09 51 33 13-0015 SF 30" x 30", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	62.34	1.15
09 51 33 13-0016 SF 30" x 30", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	30.02	1.15
09 51 33 13-0017 SF 30" x 30", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	24.39	1.15
09 51 33 13-0018 SF 30" x 30", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	31.09	1.15
09 51 33 13-0019 SF 30" x 30", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	64.47	1.15
09 51 33 13-0020 SF 30" x 30", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	30.77	1.15
09 51 33 13-0021 SF 12" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	20.78	1.15
09 51 33 13-0022 SF 12" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	34.17	1.15
09 51 33 13-0023 SF 12" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	60.96	1.15
09 51 33 13-0024 SF 12" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	29.28	1.15
09 51 33 13-0025 SF 12" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	22.37	1.15
09 51 33 13-0026 SF 12" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	34.60	1.15
09 51 33 13-0027 SF 12" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	63.19	1.15
09 51 33 13-0028 SF 12" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	30.24	1.15
09 51 33 13-0029 SF 24" x 48", Unperforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	16.40	1.15
09 51 33 13-0030 SF 24" x 48", Unperforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.33	1.15
09 51 33 13-0031 SF 24" x 48", Unperforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	52.96	1.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 51 33	13-0032	SF	24" x 48", Unperforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	24.05	1.15
09 51 33	13-0033	SF	24" x 48", Perforated, 0.040" Thick, Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	17.46	1.15
09 51 33	13-0034	SF	24" x 48", Perforated, 0.040" Thick, Metallic Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	25.11	1.15
09 51 33	13-0035	SF	24" x 48", Perforated, 0.040" Thick, Wood Tone Painted Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	53.07	1.15
09 51 33	13-0036	SF	24" x 48", Perforated, 0.040" Thick, Anodized Aluminum, Acoustical Snap-In Metal Ceiling Panel (Armstrong MetalWorks™).....	24.05	1.15

09 51 33 23 Acoustical Lay-in Metal Pan Ceilings (09 51 33)

09 51 33	23-0001		Acoustical Lay-In Metal Pan Ceilings (09 51 33 23)		
09 51 33	23-0002		Aluminum, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)		
09 51 33	23-0003	SF	24" x 24", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	17.66	0.86
09 51 33	23-0004	SF	24" x 24", Unperforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	20.05	0.86
09 51 33	23-0005	SF	24" x 24", Unperforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	29.61	0.86
09 51 33	23-0006	SF	24" x 24", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	25.10	0.86
09 51 33	23-0007	SF	24" x 24", Perforated, Metallic Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	26.96	0.86
09 51 33	23-0008	SF	24" x 24", Perforated, Wood Tone Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	42.64	0.86
09 51 33	23-0009	SF	30" x 30", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	26.54	0.86
09 51 33	23-0010	SF	30" x 30", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	33.01	0.86
09 51 33	23-0011	SF	48" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	26.69	0.86
09 51 33	23-0012	SF	48" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	33.20	0.86
09 51 33	23-0013	SF	12" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	26.82	0.86
09 51 33	23-0014	SF	12" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	33.07	0.86
09 51 33	23-0015	SF	24" x 48", Unperforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	26.82	0.86
09 51 33	23-0016	SF	24" x 48", Perforated, Painted Aluminum, Acoustical Lay-In Metal Ceiling Panel (USG Panz™).....	33.33	0.86

09 51 33 23-0017 Steel, Acoustical Lay-In Metal Ceiling Panels (09 51 33 23-0001)

09 51 33	23-0018	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	22.89	0.86
09 51 33	23-0019	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	27.35	0.86
09 51 33	23-0020	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	29.37	0.86
09 51 33	23-0021	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	27.56	0.86
09 51 33	23-0022	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	28.31	0.86
09 51 33	23-0023	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Lay-In Metal Ceiling Panel (Armstrong MetalWorks™ Vector®).....	30.01	0.86

09 51 33 33 Acoustical Tegular Lay-in Metal Pan Ceilings (09 51 33)

09 51 33	33-0001		Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33)		
09 51 33	33-0002		Steel, Acoustical Tegular Lay-In Metal Pan Ceilings (09 51 33 33-0001)		
09 51 33	33-0003	SF	24" x 24", Unperforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	16.61	0.86
09 51 33	33-0004	SF	24" x 24", Unperforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	18.74	0.86
09 51 33	33-0005	SF	24" x 24", Unperforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	26.61	0.86
09 51 33	33-0006	SF	24" x 24", Perforated, 0.021" Thick, Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	18.95	0.86
09 51 33	33-0007	SF	24" x 24", Perforated, 0.021" Thick, Metallic Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	21.50	0.86
09 51 33	33-0008	SF	24" x 24", Perforated, 0.021" Thick, Wood Tone Painted Steel, Acoustical Tegular Lay-In Metal Ceiling Panel (Armstrong MetalWorks™).....	29.05	0.86

09 53 Acoustical Ceiling Suspension Assemblies (09 50)**09 53 13 Curved Profile Ceiling Suspension (09 53)****09 53 13 00-0001 Perimeter Trim (09 53 13)**

09 53 13	00-0002	LF	2" Straight Section Axiom Perimeter Trim.....	23.15	
09 53 13	00-0003	LF	4" Straight Section Axiom Perimeter Trim.....	28.23	
09 53 13	00-0004	LF	6" Straight Section Axiom Perimeter Trim.....	31.62	
09 53 13	00-0005	EA	2" Corner Section Axiom Perimeter Trim.....	42.69	
09 53 13	00-0006	EA	4" Corner Section Axiom Perimeter Trim.....	54.88	
09 53 13	00-0007	EA	6" Corner Section Axiom Perimeter Trim.....	62.00	

09 53 23 Metal Acoustical Ceiling Suspension Assemblies (09 53)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0001				Ceiling Suspension Systems <small>(09 53 23)</small> Note: Hot-dipped galvanized steel. Includes single 8 gauge wire hangers (between 3' To 4') attached from wood deck or wood members above to main members 4' on center. Includes all main tees, cross tees, wall angle, wall anchors, connector clips, hold down clips, double faced tape (where required). All above shall be mechanically installed by minimum 2-1/4" x 3/8" wedge anchors. Excludes chain supports for lights.		
09 53 23 00-0002	SF			1' x 1' Grid, Concealed, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System 4.85	4.85	0.57
				Note: Excludes ceiling tile.		
				For Fastening To Concrete, Add	1.38	
				For Fastening To Steel, Add	1.50	
				For Vertical Application, Add	2.17	
				For Individual Room Quantities <495, Add	0.49	
				Note: For use with projects >500 SF		
				For Up To 50, Add	1.72	
				For >50 To 200, Add	0.98	
				For >200 To 500, Add	0.37	
				For >2,500 To 4,000, Deduct	-0.11	
				For >4,000 To 5,000, Deduct	-0.20	
				For >5,000, Deduct	-0.28	
				For Ceilings >10' High, Add	0.19	
09 53 23 00-0003	SF			1' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System..... 3.90	3.90	0.57
				For UL Listed (Fire Guard), Add	0.27	
				For 1-1/2" Wide Faced Grid, Add	0.51	
				For Fastening To Concrete, Add	1.34	
				For Fastening To Steel, Add	1.46	
				For Vertical Application, Add	1.82	
				For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
				For Individual Room Quantities <495, Add	0.40	
				Note: For use with projects >500 SF		
				For Aluminum T-Bar System, Add	0.82	
				For Up To 50, Add	1.42	
				For >50 To 200, Add	0.81	
				For >200 To 500, Add	0.30	
				For >2,500 To 4,000, Deduct	-0.09	
				For >4,000 To 5,000, Deduct	-0.16	
				For >5,000, Deduct	-0.23	
				For Ceilings >10' High, Add	0.16	
09 53 23 00-0004	SF			2' x 2' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System..... 3.24	3.24	0.57
				For UL Listed (Fire Guard), Add	0.20	
				For 1-1/2" Wide Faced Grid, Add	0.37	
				For Fastening To Concrete, Add	1.32	
				For Fastening To Steel, Add	1.44	
				For Vertical Application, Add	1.67	
				For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
				For Individual Room Quantities <495, Add	0.35	
				Note: For use with projects >500 SF		
				For Aluminum T-Bar System, Add	0.60	
				For Up To 50, Add	1.25	
				For >50 To 200, Add	0.71	
				For >200 To 500, Add	0.26	
				For >2,500 To 4,000, Deduct	-0.07	
				For >4,000 To 5,000, Deduct	-0.14	
				For >5,000, Deduct	-0.20	
				For Black Grid, Add	0.17	
				For Ceilings >10' High, Add	0.14	
				For Concealed Spline Grid, Add	0.52	
09 53 23 00-0005	SF			2' x 4' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System..... 2.68	2.68	0.57
				For UL Listed (Fire Guard), Add	0.16	
				For 1-1/2" Wide Faced Grid, Add	0.30	
				For Fastening To Concrete, Add	1.29	
				For Fastening To Steel, Add	1.41	
				For Vertical Application, Add	1.60	
				For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add	2.50	
				For Individual Room Quantities <495, Add	0.29	
				Note: For use with projects >500 SF		
				For Aluminum T-Bar System, Add	0.49	
				For Up To 50, Add	1.04	
				For >50 To 200, Add	0.59	
				For >200 To 500, Add	0.21	
				For >2,500 To 4,000, Deduct	-0.06	
				For >4,000 To 5,000, Deduct	-0.11	
				For >5,000, Deduct	-0.16	
				For Black Grid, Add	0.14	
				For Ceilings >10' High, Add	0.12	
				For Concealed Spline Grid, Add	0.43	

09 Finishes**09 50 Ceilings****09 53 Acoustical Ceiling Suspension Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0006	SF		1'-8" To 2' x 5' Grid, Hot Dipped Galvanized Steel, 15/16" T Bar Ceiling Suspension System	2.36	0.57
			<i>For UL Listed (Fire Guard), Add</i>	0.15	
			<i>For 1-1/2" Wide Faced Grid, Add</i>	0.28	
			<i>For Fastening To Concrete, Add</i>	1.27	
			<i>For Fastening To Steel, Add</i>	1.39	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities <495, Add</i>	0.26	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Aluminum T-Bar System, Add</i>	0.45	
			<i>For Up To 50, Add</i>	0.90	
			<i>For >50 To 200, Add</i>	0.51	
			<i>For >200 To 500, Add</i>	0.19	
			<i>For >2,500 To 4,000, Deduct</i>	-0.05	
			<i>For >4,000 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000, Deduct</i>	-0.14	
			<i>For Ceilings >10' High, Add</i>	0.10	
09 53 23 00-0007	SF		2' x 2' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	3.52	0.57
			<i>For UL Listed (Fire Guard), Add</i>	0.24	
			<i>For Fastening To Concrete, Add</i>	1.32	
			<i>For Fastening To Steel, Add</i>	1.44	
			<i>For Vertical Application, Add</i>	1.67	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities <495, Add</i>	0.37	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Up To 50, Add</i>	1.29	
			<i>For >50 To 200, Add</i>	0.73	
			<i>For >200 To 500, Add</i>	0.27	
			<i>For >2,500 To 4,000, Deduct</i>	-0.08	
			<i>For >4,000 To 5,000, Deduct</i>	-0.14	
			<i>For >5,000, Deduct</i>	-0.21	
			<i>For Black Grid, Add</i>	0.20	
			<i>For Ceilings >10' High, Add</i>	0.14	
09 53 23 00-0008	SF		2' x 4' Grid, Hot Dipped Galvanized Steel, 9/16" T Bar Ceiling Suspension System.....	2.90	0.57
			<i>For UL Listed (Fire Guard), Add</i>	0.20	
			<i>For Fastening To Concrete, Add</i>	1.29	
			<i>For Fastening To Steel, Add</i>	1.41	
			<i>For Vertical Application, Add</i>	1.60	
			<i>For Chemical Corrosion Resistant, Polyvinyl Chloride (PVC) Coated, Add</i>	2.50	
			<i>For Individual Room Quantities <495, Add</i>	0.31	
			<i>Note: For use with projects >500 SF</i>		
			<i>For Up To 50, Add</i>	1.08	
			<i>For >50 To 200, Add</i>	0.61	
			<i>For >200 To 500, Add</i>	0.23	
			<i>For >2,500 To 4,000, Deduct</i>	-0.07	
			<i>For >4,000 To 5,000, Deduct</i>	-0.12	
			<i>For >5,000, Deduct</i>	-0.17	
			<i>For Black Grid, Add</i>	0.16	
			<i>For Ceilings >10' High, Add</i>	0.12	
09 53 23 00-0009			Ceiling Suspension System Accessories <small>(09 53 23)</small>		
09 53 23 00-0010	LF		Pencil Rod Support For Suspended Ceiling with Accessories	1.43	
09 53 23 00-0011	LF		1" x 1/8" Flat Bar Bracing For Suspended Ceiling	3.44	1.60
			<i>For 304 Stainless Steel, Add</i>	2.96	
			<i>For 316 Stainless Steel, Add</i>	3.33	
			<i>For Aluminum, Add</i>	0.19	
			<i>For Galvanized Steel, Add</i>	0.64	
09 53 23 00-0012	LF		1" x 3/16" Flat Bar Bracing For Suspended Ceiling.....	4.92	1.71
			<i>For 304 Stainless Steel, Add</i>	4.50	
			<i>For 316 Stainless Steel, Add</i>	5.06	
			<i>For Aluminum, Add</i>	0.28	
			<i>For Galvanized Steel, Add</i>	0.98	
09 53 23 00-0013	LF		1-1/2" x 1/4" Flat Bar Bracing For Suspended Ceiling	6.93	1.83
			<i>For 304 Stainless Steel, Add</i>	9.01	
			<i>For 316 Stainless Steel, Add</i>	10.11	
			<i>For Aluminum, Add</i>	0.57	
			<i>For Galvanized Steel, Add</i>	1.96	
09 53 23 00-0014	EA		2', Exposed 15/16" Hot-dipped Galvanized Steel, Suspended Ceiling Cross Tee	7.37	0.33
			<i>Note: Can be used to convert an existing 2' x 4' suspension system to a 2' x 2' system or to replace an individual component.</i>		
09 53 23 00-0015	LF		1-1/2" Steel Running Channel For Suspended Ceiling	7.76	3.13
09 53 23 00-0016	LF		1-1/2" Steel T-Bar Channel For Suspended Ceiling.....	6.70	3.13
09 53 23 00-0017	LF		8 Gauge Ceiling Suspension Wire (Seismic Control Or Where Required) For Suspended Ceiling	1.02	
09 53 23 00-0018	LF		1/2" Lay-In Ceiling Angles For Suspended Ceiling	3.10	1.03
			<i>Note: Use for supporting cove lighting grille in areas without a suspended ceiling system.</i>		
			<i>For Ceilings >10' High, Add</i>	0.17	
09 53 23 00-0019	EA		Lateral Support For Suspended Ceiling Channel, Installed 12'-0" On Center Maximum	32.73	8.78
			<i>Note: Includes vertical centerl strut and four 12 gauge diagonal wires.</i>		
09 53 23 00-0020	EA		Up To 30" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling	76.40	23.23
09 53 23 00-0021	EA		>30" To 48" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling.....	79.15	23.67
09 53 23 00-0022	EA		>48" To 84" Compression Posts, Telescopic, With Splay Wires, Attached To Structure For Suspended Ceiling.....	88.59	23.67
09 53 23 00-0023			Removal And Reinstallation Of Acoustical Ceiling Suspension Assembly <small>(09 53 23)</small>		
			<i>Note: 2'x2' Or 2'x4'. Includes storage and cleaning.</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 53 23 00-0024 SF Removal And Reinstallation Of Acoustical Ceiling Tile And Grid, 2' x 2' Or 2' x 4'.....	3.15	
Note: Suspension system tie wire, wall angles and bracing to remain in place.		
For Up To 50, Add	1.73	
For >50 To 200, Add	0.95	
For >200 To 500, Add	0.32	
For >2,500 To 4,000, Deduct	-0.08	
For >4,000 To 5,000, Deduct	-0.16	
For >5,000, Deduct	-0.24	
For Ceilings >10' High, Add	0.24	
09 53 23 00-0025 SF Removal And Reinstallation Of Grid System Only	1.37	
Note: Suspension system tie wire, wall angles and bracing to remain in place.		
For Up To 50, Add	0.75	
For >50 To 200, Add	0.41	
For >200 To 500, Add	0.14	
For >2,500 To 4,000, Deduct	-0.03	
For >4,000 To 5,000, Deduct	-0.07	
For >5,000, Deduct	-0.10	
For Ceilings >10' High, Add	0.10	

09 54 Specialty Ceilings (09 54)

09 54 16 Luminous Ceilings (09 54)

09 54 16 00-0001 Translucent Ceiling Panels (09 54 16)

09 54 16 00-0002 SF 2' x 2' x 0.013" Thick, Rigid Vinyl Plastic, Translucent Ceiling Panel.....	3.17	0.57
For Ceilings >10' High, Add	0.10	
For >100 To 200, Deduct	-0.13	
For >200 To 300, Deduct	-0.35	
For >300, Deduct	-0.60	

09 54 23 Linear Metal Ceilings (09 54)

09 54 23 00-0001 Linear Ceiling Systems (09 54 23)

09 54 23 00-0002 0.032" Aluminum, Linear Ceiling Systems (09 54 23 00-0001)

Note: For flat ceilings. Includes round or box style panels with KYNAR 500® or HYLAR 5000® PVDF finish. Includes ceiling suspension system and flush or recessed filler strips.

09 54 23 00-0003 SF 4" Panel Width, 0.032" Aluminum, Linear Ceiling System	22.65	2.57
For Up To 50, Add	5.86	
For >50 To 200, Add	3.50	
For >200 To 500, Add	1.44	
For >2,500, Deduct	-1.13	
For Ceilings >10' High, Add	0.46	
For Linear Ceiling Systems Without Filler Strips, Deduct	-4.10	
For Curved Ceilings, Add	1.45	
09 54 23 00-0004 SF 8" Panel Width, 0.032" Aluminum, Linear Ceiling System	18.30	2.57
For Up To 50, Add	5.16	
For >50 To 200, Add	3.04	
For >200 To 500, Add	1.22	
For >2,500, Deduct	-0.92	
For Ceilings >10' High, Add	0.45	
For Linear Ceiling Systems Without Filler Strips, Deduct	-2.05	
For Curved Ceilings, Add	1.43	
09 54 23 00-0005 SF 12" Panel Width, 0.032" Aluminum, Linear Ceiling System	16.61	2.57
For Up To 50, Add	4.85	
For >50 To 200, Add	2.84	
For >200 To 500, Add	1.13	
For >2,500, Deduct	-0.83	
For Ceilings >10' High, Add	0.44	
For Linear Ceiling Systems Without Filler Strips, Deduct	-1.35	
For Curved Ceilings, Add	1.40	

09 54 23 00-0006 Tin Ceilings (09 54 23)

09 54 23 00-0007 SF 2' x 2' Tin Ceiling Embossed Panels.....	22.18	3.98
For Up To 50, Add	5.24	
For >50 To 200, Add	3.18	
For >200 To 500, Add	1.35	
For >2,500, Deduct	-1.11	
For Ceilings >10' High, Add	0.36	
09 54 23 00-0008 SF 12" x 12" Tin Ceiling Embossed Plates.....	32.77	2.57
For Up To 50, Add	6.94	
For >50 To 200, Add	4.29	
For >200 To 500, Add	1.89	
For >2,500, Deduct	-1.64	
For Ceilings >10' High, Add	0.38	
09 54 23 00-0009 SF 12" x 24" Tin Ceiling Embossed Plates.....	23.95	2.57
For Up To 50, Add	5.61	
For >50 To 200, Add	3.41	
For >200 To 500, Add	1.45	
For >2,500, Deduct	-1.20	
For Ceilings >10' High, Add	0.38	

09 Finishes**09 50 Ceilings****09 54 Specialty Ceilings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 54 23 00-0010	SF		24" x 24" Tin Ceiling Embossed Plates.....	22.00	2.57
			<i>For Up To 50, Add</i>	5.16	
			<i>For >50 To 200, Add</i>	3.13	
			<i>For >200 To 500, Add</i>	1.33	
			<i>For >2,500, Deduct</i>	-1.10	
			<i>For Ceilings >10' High, Add</i>	0.35	
09 54 23 00-0011	SF		24" x 48" Tin Ceiling Embossed Plates.....	19.20	1.92
			<i>For Up To 50, Add</i>	4.51	
			<i>For >50 To 200, Add</i>	2.74	
			<i>For >200 To 500, Add</i>	1.16	
			<i>For >2,500, Deduct</i>	-0.96	
			<i>For Ceilings >10' High, Add</i>	0.31	
09 54 23 00-0012	LF		3" Or 4" Wide Embossed Molding.....	15.15	3.85
09 54 23 00-0013	LF		6" Wide Embossed Molding.....	18.93	4.49
09 54 23 00-0014	LF		12" Wide Embossed Molding.....	25.38	5.26
09 54 23 00-0015	EA		3", 4" Or 6" Wide Embossed Cross, Tee Or Ell.....	43.94	12.18
09 54 23 00-0016	EA		12" Wide Embossed Cross, Tee Or Ell.....	60.82	14.24

09 57 Special Function Ceilings (09 50)**09 57 63 High Impact Ceilings** (09 57)**09 57 63 00-0001 High Impact Ceilings** (09 57 63)

09 57 63 00-0002	SF		Polyvinyl Chloride Face High Impact Ceiling Panels.....	14.65	1.15
			<i>For Ceilings >10' High, Add</i>	0.14	
09 57 63 00-0003	EA		High Impact Clips.....	6.19	0.92
			<i>For Ceilings >10' High, Add</i>	0.21	

09 60 Flooring (09)

Note: Perform moisture testing as recommended by manufacturer.

09 61 Flooring Treatment (09 60)**09 61 13 Slip-Resistant Flooring Treatment** (09 61)**09 61 13 00-0001 Anti-Slip Tape** (09 61 13)

Note: Grit sandpaper surface with adhesive back.

09 61 13 00-0002	LF		1" Anti-Slip Tape.....	3.04	2.28
09 61 13 00-0003	LF		2" Anti-Slip Tape.....	3.86	2.52
09 61 13 00-0004	LF		3" Anti-Slip Tape.....	4.66	2.77
09 61 13 00-0005	LF		4" Anti-Slip Tape.....	5.41	3.04
09 61 13 00-0006	LF		6" Anti-Slip Tape.....	6.92	3.35
09 61 13 00-0007	LF		12" Anti-Slip Tape.....	12.12	5.01
09 61 13 00-0008	LF		24" Anti-Slip Tape.....	17.14	7.53

09 63 Masonry Flooring (09 60)**09 63 13 Brick Flooring** (09 63)**09 63 13 00-0001 Clay Bricks** (09 63 13)

09 63 13 00-0002	SF		2-1/4" Thick Clay Brick Floor.....	30.64	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	
09 63 13 00-0003	SF		3" Thick Clay Brick Floor.....	34.71	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	
09 63 13 00-0004	SF		1/2" Thick Unglazed Clay Brick Floor.....	19.20	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	
09 63 13 00-0005	SF		1/2" Thick Glazed Clay Brick Floor.....	22.88	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	
09 63 13 00-0006	SF		3/4" Thick Unglazed Clay Brick Floor.....	20.85	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	
09 63 13 00-0007	SF		3/4" Thick Glazed Clay Brick Floor.....	25.74	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	
09 63 13 00-0008	SF		15/16" Thick Unglazed Clay Brick Floor.....	22.44	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	
09 63 13 00-0009	SF		15/16" Thick Glazed Clay Brick Floor.....	28.64	10.02
			<i>For Basket Weave Pattern, Add</i>	2.14	
			<i>For Herringbone Pattern, Add</i>	2.85	
			<i>For Epoxy Joints, Add</i>	5.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 63 43 Composition Stone Flooring (09 63)

09 63 43 00-0001	Cupric Oxychloride Cement, Seamless Flooring System (09 63 43)		
	Note: Chemical and slip resistant. OSHA and USDA approved.		
09 63 43 00-0002	SF 3/8" Thick, Cupric Oxychloride Cement, Seamless Flooring System, Trowel Applied	16.41	4.39

09 64 Wood Flooring (09 60)

09 64 13 Wood Flooring Underlayment (09 64)

09 64 13 00-0001	Wood Flooring Underlayment (09 64 13)		
09 64 13 00-0002	SF Regular Weight Red Rosin Paper, Wood Flooring Underlayment	0.40	
09 64 13 00-0003	SF Heavy Weight Red Rosin Paper, Wood Flooring Underlayment	0.42	
09 64 13 00-0004	SF 30 LB, Waxed Paper, Wood Flooring Underlayment	0.44	
09 64 13 00-0005	SF 15 LB, Asphalt Saturated Organic Felt, Wood Flooring Underlayment	0.50	
09 64 13 00-0006	SF 6 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.44	
09 64 13 00-0007	SF 8 Mil Thick, Polyethylene Film, Wood Flooring Underlayment	0.50	
09 64 13 00-0008	SF 1/8" Thick, Natural Cork, Wood Flooring Underlayment	2.22	0.27
09 64 13 00-0009	SF 1/4" Thick, Natural Cork, Wood Flooring Underlayment	2.33	0.27
09 64 13 00-0010	SF 3/32" Thick, Polyethylene Foam, Wood Flooring Underlayment (Roberts® Unison™ 70-025-15)	0.78	
09 64 13 00-0011	SF 2.0mm Thick, Progressive Foam Technology, Wood Flooring Underlayment (Roberts® Quiet Cushion 70-180)	1.00	
09 64 13 00-0012	SF 4.0mm Thick, Compressed Fiber, Wood Flooring Underlayment (Roberts® Super Felt 70-193)	1.08	
09 64 13 00-0013	SF 2.5mm Thick, Closed Cell Foam, Wood Flooring Underlayment (Roberts® Black Jack™ 70-026)	1.34	
09 64 13 00-0014	SF 1/8" Thick, Moisture Barrier, Sound Reduction And Cushioning, Wood Flooring Underlayment (Roberts® AirGuard™ 70-105)	1.36	0.18

09 64 23 Wood Parquet Flooring (09 64)

Note: All wood parquet flooring is prefinished at factory.

09 64 23 00-0001	Hardwood Parquet Flooring (09 64 23)		
09 64 23 00-0002	SF 5/16" Thick Oak Parquet Flooring	11.69	1.15
	For Up To 20, Add	4.97	
	For >20 To 50, Add	2.60	
	For >50 To 100, Add	1.30	
	For >100 To 300, Add	0.65	

09 64 29 Wood Strip and Plank Flooring (09 64)

Note: All wood strip flooring is unfinished, tongue and groove.

09 64 29 00-0001	Unfinished Fir, Wood Strip Flooring (09 64 29)		
09 64 29 00-0002	SF 3-1/8" Plank Width, 3/4" Thick, Plain Sawn, Clear Vertical Grain (C Or Better) Unfinished Fir, Wood Strip Flooring	13.86	1.15
	For Factory Finish, Add	0.87	
	For Random Width Floor, Add	3.21	
	For Up To 20, Add	4.39	
	For >20 To 50, Add	2.41	
	For >50 To 100, Add	1.21	
	For >100 To 300, Add	0.60	
09 64 29 00-0003	Unfinished Oak, Wood Strip Flooring (09 64 29)		
09 64 29 00-0004	Unfinished White Oak, Wood Strip Flooring (09 64 29 00-0003)		
09 64 29 00-0005	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	11.27	1.15
	For Factory Finish, Add	0.46	
	For Random Width Floor, Add	2.48	
	For Up To 20, Add	4.71	
	For >20 To 50, Add	2.47	
	For >50 To 100, Add	1.24	
	For >100 To 300, Add	0.62	
09 64 29 00-0006	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	11.86	1.15
	For Factory Finish, Add	0.51	
	For Random Width Floor, Add	2.63	
	For Up To 20, Add	4.80	
	For >20 To 50, Add	2.53	
	For >50 To 100, Add	1.27	
	For >100 To 300, Add	0.63	
09 64 29 00-0007	SF 2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring	12.75	1.15
	For Factory Finish, Add	0.60	
	For Random Width Floor, Add	2.85	
	For Up To 20, Add	4.94	
	For >20 To 50, Add	2.62	
	For >50 To 100, Add	1.31	
	For >100 To 300, Add	0.65	
09 64 29 00-0008	SF 3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished White Oak, Wood Strip Flooring	9.89	1.15
	For Factory Finish, Add	0.48	
	For Random Width Floor, Add	2.22	
	For Up To 20, Add	3.80	
	For >20 To 50, Add	2.02	
	For >50 To 100, Add	1.01	
	For >100 To 300, Add	0.50	

09 Finishes**09 60 Flooring****09 64 Wood Flooring**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 64 29 00-0009	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished White Oak, Wood Strip Flooring	10.36		1.15
		<i>For Factory Finish, Add</i>	0.52		
		<i>For Random Width Floor, Add</i>	2.33		
		<i>For Up To 20, Add</i>	3.87		
		<i>For >20 To 50, Add</i>	2.06		
		<i>For >50 To 100, Add</i>	1.03		
		<i>For >100 To 300, Add</i>	0.52		
09 64 29 00-0010	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished White Oak, Wood Strip Flooring.....	11.27		1.15
		<i>For Factory Finish, Add</i>	0.61		
		<i>For Random Width Floor, Add</i>	2.56		
		<i>For Up To 20, Add</i>	4.00		
		<i>For >20 To 50, Add</i>	2.16		
		<i>For >50 To 100, Add</i>	1.08		
		<i>For >100 To 300, Add</i>	0.54		
09 64 29 00-0011		Unfinished Red Oak, Wood Strip Flooring (09 64 29 00-0003)			
09 64 29 00-0012	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	11.37		1.15
		<i>For Factory Finish, Add</i>	0.47		
		<i>For Random Width Floor, Add</i>	2.51		
		<i>For Up To 20, Add</i>	4.73		
		<i>For >20 To 50, Add</i>	2.48		
		<i>For >50 To 100, Add</i>	1.24		
		<i>For >100 To 300, Add</i>	0.62		
09 64 29 00-0013	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	11.96		1.15
		<i>For Factory Finish, Add</i>	0.52		
		<i>For Random Width Floor, Add</i>	2.65		
		<i>For Up To 20, Add</i>	4.82		
		<i>For >20 To 50, Add</i>	2.54		
		<i>For >50 To 100, Add</i>	1.27		
		<i>For >100 To 300, Add</i>	0.64		
09 64 29 00-0014	SF	2-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	12.85		1.15
		<i>For Factory Finish, Add</i>	0.61		
		<i>For Random Width Floor, Add</i>	2.88		
		<i>For Up To 20, Add</i>	4.95		
		<i>For >20 To 50, Add</i>	2.63		
		<i>For >50 To 100, Add</i>	1.31		
		<i>For >100 To 300, Add</i>	0.66		
09 64 29 00-0015	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #2 Common Unfinished Red Oak, Wood Strip Flooring.....	9.98		1.15
		<i>For Factory Finish, Add</i>	0.48		
		<i>For Random Width Floor, Add</i>	2.24		
		<i>For Up To 20, Add</i>	3.81		
		<i>For >20 To 50, Add</i>	2.03		
		<i>For >50 To 100, Add</i>	1.01		
		<i>For >100 To 300, Add</i>	0.51		
09 64 29 00-0016	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, #1 Common Unfinished Red Oak, Wood Strip Flooring.....	10.58		1.15
		<i>For Factory Finish, Add</i>	0.54		
		<i>For Random Width Floor, Add</i>	2.39		
		<i>For Up To 20, Add</i>	3.90		
		<i>For >20 To 50, Add</i>	2.09		
		<i>For >50 To 100, Add</i>	1.04		
		<i>For >100 To 300, Add</i>	0.52		
09 64 29 00-0017	SF	3-1/4" Plank Width, 3/4" Thick, Plain Sawn, Select Unfinished Red Oak, Wood Strip Flooring	11.37		1.15
		<i>For Factory Finish, Add</i>	0.62		
		<i>For Random Width Floor, Add</i>	2.59		
		<i>For Up To 20, Add</i>	4.02		
		<i>For >20 To 50, Add</i>	2.17		
		<i>For >50 To 100, Add</i>	1.08		
		<i>For >100 To 300, Add</i>	0.54		
09 64 29 00-0018		Unfinished Maple, Wood Strip Flooring (09 64 29)			
09 64 29 00-0019		25/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)			
09 64 29 00-0020	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring.....	13.54		1.15
		<i>For Factory Finish, Add</i>	0.68		
		<i>For Random Width Floor, Add</i>	3.05		
		<i>For Up To 20, Add</i>	5.06		
		<i>For >20 To 50, Add</i>	2.70		
		<i>For >50 To 100, Add</i>	1.35		
		<i>For >100 To 300, Add</i>	0.67		
09 64 29 00-0021	SF	2-1/4" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	12.55		1.15
		<i>For Factory Finish, Add</i>	0.58		
		<i>For Random Width Floor, Add</i>	2.80		
		<i>For Up To 20, Add</i>	4.91		
		<i>For >20 To 50, Add</i>	2.60		
		<i>For >50 To 100, Add</i>	1.30		
		<i>For >100 To 300, Add</i>	0.65		
09 64 29 00-0022	SF	3" Plank Width, 25/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	12.35		1.15
		<i>For Factory Finish, Add</i>	0.72		
		<i>For Random Width Floor, Add</i>	2.83		
		<i>For Up To 20, Add</i>	4.17		
		<i>For >20 To 50, Add</i>	2.26		
		<i>For >50 To 100, Add</i>	1.13		
		<i>For >100 To 300, Add</i>	0.57		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 64 29 00-0023 SF 3" Plank Width, 25/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	11.37	1.15
<i>For Factory Finish, Add</i>	0.62	
<i>For Random Width Floor, Add</i>	2.59	
<i>For Up To 20, Add</i>	4.02	
<i>For >20 To 50, Add</i>	2.17	
<i>For >50 To 100, Add</i>	1.08	
<i>For >100 To 300, Add</i>	0.54	
09 64 29 00-0024 33/32" Thick, Unfinished Maple, Wood Strip Flooring (09 64 29 00-0018)		
09 64 29 00-0025 SF 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	15.67	1.15
<i>For Factory Finish, Add</i>	0.90	
<i>For Random Width Floor, Add</i>	3.58	
<i>For Up To 20, Add</i>	5.37	
<i>For >20 To 50, Add</i>	2.91	
<i>For >50 To 100, Add</i>	1.46	
<i>For >100 To 300, Add</i>	0.73	
09 64 29 00-0026 SF 2-1/4" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring	14.35	1.15
<i>For Factory Finish, Add</i>	0.76	
<i>For Random Width Floor, Add</i>	3.25	
<i>For Up To 20, Add</i>	5.18	
<i>For >20 To 50, Add</i>	2.78	
<i>For >50 To 100, Add</i>	1.39	
<i>For >100 To 300, Add</i>	0.69	
09 64 29 00-0027 SF 3" Plank Width, 33/32" Thick, Plain Sawn, First Grade (Select Or Better) Unfinished Maple, Wood Strip Flooring	14.63	1.15
<i>For Factory Finish, Add</i>	0.95	
<i>For Random Width Floor, Add</i>	3.40	
<i>For Up To 20, Add</i>	4.51	
<i>For >20 To 50, Add</i>	2.49	
<i>For >50 To 100, Add</i>	1.25	
<i>For >100 To 300, Add</i>	0.62	
09 64 29 00-0028 SF 3" Plank Width, 33/32" Thick, Plain Sawn, Second Grade (#1 Common) Unfinished Maple, Wood Strip Flooring.....	13.30	1.15
<i>For Factory Finish, Add</i>	0.82	
<i>For Random Width Floor, Add</i>	3.07	
<i>For Up To 20, Add</i>	4.31	
<i>For >20 To 50, Add</i>	2.36	
<i>For >50 To 100, Add</i>	1.18	
<i>For >100 To 300, Add</i>	0.59	
09 64 29 00-0029 Prefinished Engineered Wood Flooring (09 64 29)		
Note: Glued or nailed. Excludes underlayment. See CSI section 09 64 13 00-0001 for wood flooring underlayment.		
09 64 29 00-0030 SF 1/2" Thick, Red Oak, Prefinished Engineered Wood Flooring	16.89	1.15
<i>For Up To 20, Add</i>	4.55	
<i>For >20 To 50, Add</i>	2.59	
<i>For >50 To 100, Add</i>	1.29	
<i>For >100 To 300, Add</i>	0.65	
09 64 29 00-0031 SF 1/2" Thick, White Oak, Prefinished Engineered Wood Flooring.....	16.89	1.15
<i>For Up To 20, Add</i>	4.55	
<i>For >20 To 50, Add</i>	2.59	
<i>For >50 To 100, Add</i>	1.29	
<i>For >100 To 300, Add</i>	0.65	
09 64 29 00-0032 SF 1/2" Thick, Select Maple, Prefinished Engineered Wood Flooring	16.35	1.15
<i>For Up To 20, Add</i>	4.47	
<i>For >20 To 50, Add</i>	2.53	
<i>For >50 To 100, Add</i>	1.27	
<i>For >100 To 300, Add</i>	0.63	
09 64 29 00-0033 SF 1/2" Thick, Natural Hickory, Prefinished Engineered Wood Flooring	16.76	1.15
<i>For Up To 20, Add</i>	4.53	
<i>For >20 To 50, Add</i>	2.57	
<i>For >50 To 100, Add</i>	1.29	
<i>For >100 To 300, Add</i>	0.64	
09 64 33 Laminated Wood Flooring (09 64)		
09 64 33 00-0001 Laminate Flooring Without Underlayment (09 64 33)		
09 64 33 00-0002 SF Laminate Floor, Blocked - Beech, Oak, Red Oak, And Dark Cherry.....	15.18	3.64
09 64 33 00-0003 SF Laminate Floor, Mature Pine, Light Maple	16.01	3.64
Note: Planked - cherry, and oak.		
09 64 33 00-0004 SF 10mm x 11.57" x 46.3" Laminate Flooring	15.07	1.43
Note: DuPont Salttillo		
<i>For Up To 50, Add</i>	8.06	
<i>For >50 To 250, Add</i>	1.14	
<i>For >1,000, Deduct</i>	-0.57	
09 64 33 00-0005 Laminate Flooring With Underlayment (09 64 33)		
09 64 33 00-0006 SF Laminate Floor, With Attached Underlayment, Antique Amber Oak	17.82	3.64
Note: Also comes in Rustic Red Oak.		
09 64 33 00-0007 SF Laminate Floor, With Attached Underlayment, Renovation Pine	18.63	3.64
Note: Also comes in Weathered Wheat Oak.		

09 Finishes**09 60 Flooring****09 64 Wood Flooring**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 64 33 00-0008		Sound Control Matting (09 64 33)			
09 64 33 00-0009	SF	Sound Control Matting		3.56	0.54
09 64 53		Resilient Wood Flooring Assemblies (09 64)			
09 64 53 00-0001		Stage Floors (09 64 53)			
09 64 53 00-0002	SF	Note: Includes shims, sleepers and/or screeds, damp proofing membrane, and finish. 1-1/2" Thick Tongue And Groove Resilient Wood Stage Flooring		49.03	11.42
		Note: Includes 6 mil polyethylene damp proofing membrane, 3/8" thick hollow rubber or neoprene resilient mounts, 1-1/2" thick x 3" wide wood sleepers, 1-1/2" thick fiberglass insulation board between sleepers, fasteners, wood filler, and finish.			
09 64 53 00-0003		Dance And Aerobic Floors (09 64 53)			
09 64 53 00-0004	SF	Note: Includes vapor barrier, resilient pads, sub-floor, and finish. 25/32" x 2-1/4" Resilient Wood Dance Or Aerobic Flooring		45.35	8.27
		Note: Tongue and groove, northern hard maple. Includes 6 mil polyethylene vapor barrier, 3/4" thick hemispherical two stage polyurethane resilient pads, 2 layers of 15/32" subflooring, fasteners, wood filler and seven-coat finish.			
09 64 66		Wood Athletic Flooring (09 64)			
		Note: 1-1/2" or 2-1/4" widths. Excludes finish.			
09 64 66 00-0001		Wood Gym/Stage/Dance Floors Applied On Existing Subfloor (09 64 66)			
09 64 66 00-0002	SF	Note: Includes sanding. Excludes concrete repairs to subbase, subflooring, thresholds, and finishing. 25/32" Maple Wood Gym/Stage/Dance Floor		15.81	5.72
		For Oak Or Birch, Deduct		-0.20	
		For Pine, Deduct		-0.30	
		For #1 Grade Material, Add		0.50	
09 64 66 00-0003	SF	33/32" Maple Wood Gym/Stage/Dance Floor		18.88	5.94
		For Oak Or Birch, Deduct		-0.20	
		For Pine, Deduct		-0.30	
		For #1 Grade Material, Add		0.50	
09 64 66 00-0004		Wood Gym/Stage/Dance Floor Systems (09 64 66)			
09 64 66 00-0005	SF	Note: Includes sanding. Excludes concrete repairs to subbase, thresholds, and finishing. Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Resilient Pads (Connor DuraCushion).....		21.08	7.43
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/8" resilient pads.			
		For Oak Or Birch, Deduct		-0.20	
		For Pine, Deduct		-0.30	
		For #1 Grade Material, Add		0.50	
09 64 66 00-0006	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, Two Layers Of Plywood Panel Subfloor With Two Stage Resilient Pads (Connor NeoShok).....		22.28	7.43
		Note: Includes 6 mil polyethylene vapor barrier, two layers of 15/32" plywood subfloor and 3/4" hemispherical two stage polyurethane resilient pads.			
		For Oak Or Birch, Deduct		-0.20	
		For Pine, Deduct		-0.30	
		For #1 Grade Material, Add		0.50	
09 64 66 00-0007	SF	Floating 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Subfloor With Continuous Steel Channel Encased Sleepers And Resilient Pads (Connor PermaFlex).....		24.86	7.43
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 15/32" plywood subfloor, a continuous steel channel encasing a 23/32" fixed sleeper, a 7/16" resilient pad and a 23/32" flex sleeper.			
		For Oak Or Birch, Deduct		-0.20	
		For Pine, Deduct		-0.30	
		For #1 Grade Material, Add		0.50	
09 64 66 00-0008	SF	Fixed Resilient 25/32" Maple Wood Gym/Stage/Dance Floor System, One Layer Of Plywood Panel Subfloor With Resilient Pads (Connor Focus).....		23.68	7.43
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 3/4" subfloor, 9/16" resilient pads and concrete anchors and clips.			
		For Oak Or Birch, Deduct		-0.20	
		For Pine, Deduct		-0.30	
		For #1 Grade Material, Add		0.50	
09 64 66 00-0009	SF	Clip And Channel, Fixed 33/32" Maple Wood Gym/Stage/Dance Floor System (Connor PermaLock).....		26.80	7.43
		Note: Includes 6 mil polyethylene vapor barrier, one layer of 1/2" impregnated fiberboard with channel grooves for 16 gauge steel anchor channel.			
		For Oak Or Birch, Deduct		-0.20	
		For Pine, Deduct		-0.30	
		For #1 Grade Material, Add		0.50	
09 65		Resilient Flooring (09 60)			
		See CSI section 03 54 16 00-0001 for self leveling underlayment for uneven floors.			
09 65 13		Resilient Base and Accessories (09 65)			
09 65 13 13		Resilient Base (09 65 13)			
09 65 13 13-0001		Type TV Thermoplastic Vinyl Wall Base (09 65 13 13)			
		Note: Includes inside and outside corners.			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 13 13-0002 LF 2-1/2" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	3.38	0.85
For Up To 20, Add	1.19	
For >20 To 40, Add	0.68	
For >40 To 80, Add	0.25	
For >240 To 960, Deduct	-0.25	
For >960, Deduct	-0.38	
09 65 13 13-0003 LF 4" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	4.01	0.85
For Up To 20, Add	1.28	
For >20 To 40, Add	0.74	
For >40 To 80, Add	0.29	
For >240 To 960, Deduct	-0.32	
For >960, Deduct	-0.47	
09 65 13 13-0004 LF 6" High, 1/8" Thick, Type TV Thermoplastic Vinyl Wall Base, All Colors	5.37	0.85
For Up To 20, Add	1.49	
For >20 To 40, Add	0.88	
For >40 To 80, Add	0.35	
For >240 To 960, Deduct	-0.45	
For >960, Deduct	-0.68	
09 65 13 13-0005 Type TP Thermoplastic Rubber Wall Base <small>(09 65 13 13)</small>		
Note: Includes inside and outside corners.		
09 65 13 13-0006 LF 2-1/2" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	3.79	0.85
For Up To 20, Add	1.25	
For >20 To 40, Add	0.72	
For >40 To 80, Add	0.27	
For >240 To 960, Deduct	-0.29	
For >960, Deduct	-0.44	
09 65 13 13-0007 LF 4" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	4.26	0.85
For Up To 20, Add	1.32	
For >20 To 40, Add	0.77	
For >40 To 80, Add	0.30	
For >240 To 960, Deduct	-0.34	
For >960, Deduct	-0.51	
09 65 13 13-0008 LF 6" High, 1/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	5.58	0.85
For Up To 20, Add	1.52	
For >20 To 40, Add	0.90	
For >40 To 80, Add	0.36	
For >240 To 960, Deduct	-0.47	
For >960, Deduct	-0.71	
09 65 13 13-0009 LF 2-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.43	0.85
For Up To 20, Add	1.79	
For >20 To 40, Add	1.08	
For >40 To 80, Add	0.46	
For >240 To 960, Deduct	-0.66	
For >960, Deduct	-0.99	
09 65 13 13-0010 LF 3" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	7.84	0.85
For Up To 20, Add	1.86	
For >20 To 40, Add	1.12	
For >40 To 80, Add	0.48	
For >240 To 960, Deduct	-0.70	
For >960, Deduct	-1.05	
09 65 13 13-0011 LF 4-1/2" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	9.91	0.85
For Up To 20, Add	2.17	
For >20 To 40, Add	1.33	
For >40 To 80, Add	0.58	
For >240 To 960, Deduct	-0.91	
For >960, Deduct	-1.36	
09 65 13 13-0012 LF 6" High, 3/8" Thick, Type TP Thermoplastic Rubber Wall Base, All Colors	14.03	0.85
For Up To 20, Add	2.78	
For >20 To 40, Add	1.74	
For >40 To 80, Add	0.79	
For >240 To 960, Deduct	-1.32	
For >960, Deduct	-1.98	
09 65 13 13-0013 Type TS Thermoset Vulcanized Rubber Wall Base <small>(09 65 13 13)</small>		
Note: Includes inside and outside corners.		
09 65 13 13-0014 LF 2-1/2" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	4.31	1.02
For Up To 20, Add	1.33	
For >20 To 40, Add	0.77	
For >40 To 80, Add	0.30	
For >240 To 960, Deduct	-0.35	
For >960, Deduct	-0.52	
09 65 13 13-0015 LF 4" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	4.33	0.85
For Up To 20, Add	1.33	
For >20 To 40, Add	0.77	
For >40 To 80, Add	0.30	
For >240 To 960, Deduct	-0.35	
For >960, Deduct	-0.52	
09 65 13 13-0016 LF 6" High, 1/8" Thick, Type TS Thermoset Vulcanized Rubber Wall Base, All Colors	6.58	1.02
For Up To 20, Add	1.80	
For >20 To 40, Add	1.07	
For >40 To 80, Add	0.43	
For >240 To 960, Deduct	-0.56	
For >960, Deduct	-0.83	

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 65 13 23	Resilient Stair Treads and Risers <small>(09 65 13)</small>		
	Note: All treads have integral nosing. Abrasive strip modifier includes either 1 or 2 strips running the length of the tread. All colors.		
09 65 13 23-0001	Rubber Stair Treads and Risers <small>(09 65 13 23)</small>		
09 65 13 23-0002	Raised Disc Or Other Patterned Rubber Stair Tread <small>(09 65 13 23-0001)</small>		
09 65 13 23-0003	LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.79	1.36
	Note: Raised disc or other pattern.		
	For Abrasive Strip, Add	2.75	
	For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0004	LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	15.86	1.46
	Note: Raised disc or other pattern.		
	For Abrasive Strip, Add	2.75	
	For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0005	LF 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	19.57	1.56
	Note: Raised disc or other pattern.		
	For Abrasive Strip, Add	2.75	
	For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0006	Smooth Surface Rubber Stair Tread <small>(09 65 13 23-0001)</small>		
09 65 13 23-0007	LF 3/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	13.82	1.36
	Note: Smooth surface.		
	For Abrasive Strip, Add	2.75	
	For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0008	LF 1/4" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	14.59	1.46
	Note: Smooth surface.		
	For Abrasive Strip, Add	2.75	
	For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0009	LF 5/16" Thick, 9" To 12-1/2" Deep, Rubber Stair Tread	18.14	1.57
	Note: Smooth surface.		
	For Abrasive Strip, Add	2.75	
	For Photo Luminescent Abrasive Strip, Add	3.75	
09 65 13 23-0010	Smooth Surface Rubber Stair Riser <small>(09 65 13 23-0001)</small>		
09 65 13 23-0011	LF 1/8" Thick, Smooth Surface Rubber Stair Riser	8.06	0.82
09 65 13 23-0012	Smooth, Raised Disc or Other Patterned Rubber Landing Mats <small>(09 65 13 23-0001)</small>		
09 65 13 23-0013	SF 1/8" Thick, Rubber Landing Mats	24.37	1.26
	Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0014	SF 3/16" Thick, Rubber Landing Mats	29.38	1.36
	Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0015	SF 7/32" Thick, Rubber Landing Mats	31.89	1.53
	Note: Smooth, raised disc or other patterned surface.		
09 65 13 23-0016	Vinyl Stair Treads and Risers <small>(09 65 13 23)</small>		
09 65 13 23-0017	Ribbed Vinyl Stair Tread <small>(09 65 13 23-0016)</small>		
09 65 13 23-0018	LF 1/8" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	15.92	1.24
	For Abrasive Strip, Add		
		2.75	
09 65 13 23-0019	LF 3/16" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	17.64	1.36
	For Abrasive Strip, Add		
		2.75	
09 65 13 23-0020	LF 1/4" Thick, 9" To 12-1/2" Deep, Ribbed Vinyl Stair Tread	21.51	1.47
	For Abrasive Strip, Add		
		2.75	
09 65 13 23-0021	Smooth Surface Vinyl Stair Riser <small>(09 65 13 23-0016)</small>		
09 65 13 23-0022	LF 1/8" Thick, 7" High, Smooth Surface Vinyl Stair Riser	8.66	0.82
09 65 13 33	Resilient Accessories <small>(09 65 13)</small>		
09 65 13 33-0001	Flexible Self Leveling Cementitious Underlayment <small>(09 65 13 33)</small>		
09 65 13 33-0002	SF 1/8" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	1.43	0.68
09 65 13 33-0003	SF 1/4" Thick, Flexible Self Leveling Cementitious Underlayment With Liquid Latex Modifiers	2.28	0.68
09 65 13 33-0004	Concrete Floor Prep <small>(09 65 13 33)</small>		
09 65 13 33-0005	SF Removal Of Glue From Concrete Floor	0.85	
	Note: For removal of glue from VCT or carpet placement. Not to be used in conjunction with demolition tasks associated with floor tile installation.		
09 65 13 36	Resilient Carpet Transitions <small>(09 65 13)</small>		
09 65 13 36-0001	Vinyl Transition Strip <small>(09 65 13 36)</small>		
09 65 13 36-0002	LF Vinyl Transition Strip, Brown Or Black	1.99	0.62
	For >240 To 960, Deduct		
		-0.16	
	For >960, Deduct		
		-0.23	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 65	13 36-0003	LF	Vinyl Floor Tile Reducer Strip, Brown Or Black <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	1.74 -0.13 -0.20	0.62
	09 65	13 36-0004	LF	Vinyl Floor Tile Feature Strip, Brown Or Black..... <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	1.45 -0.10 -0.15	0.62
	09 65	13 36-0005	LF	1/4" To 1/8" Material, Narrow, Vinyl, Slim Line Transition (Johnsonite SLT-XX-A)..... <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	2.55 0.93 0.53 0.20 -0.19 -0.28	0.85
	09 65	13 36-0006		Vinyl, Wheeled Traffic Transitions <small>(09 65 13 36)</small>		
	09 65	13 36-0007	LF	1/4" To 1/8" Material x 1-3/4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-A) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	3.32 1.04 0.60 0.23 -0.26 -0.40	0.85
	09 65	13 36-0008	LF	1/4" To 1/8" Material x 1", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-C) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	3.32 1.04 0.60 0.23 -0.26 -0.40	0.85
	09 65	13 36-0009	LF	5/16" To 1/16" Or 1/8" Material x 1-5/8", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-D)..... <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	4.19 1.17 0.69 0.28 -0.35 -0.53	0.85
	09 65	13 36-0010	LF	1/4" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-H) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	7.27 1.63 1.00 0.43 -0.66 -0.99	0.85
	09 65	13 36-0011	LF	1/4" To 1/8" Material x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HL) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	7.29 1.64 1.00 0.43 -0.66 -0.99	0.85
	09 65	13 36-0012	LF	1/4" To 0.08" Or 2 mm Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-HT) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	4.64 1.24 0.74 0.30 -0.40 -0.59	0.85
	09 65	13 36-0013	LF	1/4" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-J) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	7.07 1.60 0.98 0.42 -0.64 -0.96	0.85
	09 65	13 36-0014	LF	1/4" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-JL) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	7.35 1.65 1.01 0.44 -0.67 -1.00	0.85
	09 65	13 36-0015	LF	3/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-K) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	6.10 1.46 0.88 0.37 -0.54 -0.81	0.85
	09 65	13 36-0016	LF	3/8" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-L)..... <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	6.72 1.55 0.94 0.40 -0.60 -0.91	0.85
	09 65	13 36-0017	LF	1/4" To 1/4" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-M)..... <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	7.35 1.65 1.01 0.44 -0.67 -1.00	0.85
	09 65	13 36-0018	LF	1/8" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-N) <i>For Up To 20, Add</i> <i>For >20 To 40, Add</i> <i>For >40 To 80, Add</i> <i>For >240 To 960, Deduct</i> <i>For >960, Deduct</i>	5.98 1.44 0.87 0.37 -0.53 -0.80	0.85

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65	13 36-0019	LF	3/8" Material To Floor x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-P).....	4.98	0.85
			<i>For Up To 20, Add</i>	1.29	
			<i>For >20 To 40, Add</i>	0.77	
			<i>For >40 To 80, Add</i>	0.32	
			<i>For >240 To 960, Deduct</i>	-0.43	
			<i>For >960, Deduct</i>	-0.65	
09 65	13 36-0020	LF	3/8" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-PL).....	7.57	0.85
			<i>For Up To 20, Add</i>	1.68	
			<i>For >20 To 40, Add</i>	1.03	
			<i>For >40 To 80, Add</i>	0.45	
			<i>For >240 To 960, Deduct</i>	-0.69	
			<i>For >960, Deduct</i>	-1.03	
09 65	13 36-0021	LF	1/2" Material To Floor x 4", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Q)	9.90	0.85
			<i>For Up To 20, Add</i>	2.03	
			<i>For >20 To 40, Add</i>	1.26	
			<i>For >40 To 80, Add</i>	0.56	
			<i>For >240 To 960, Deduct</i>	-0.92	
			<i>For >960, Deduct</i>	-1.38	
09 65	13 36-0022	LF	0.08" To 1/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-X)	4.82	0.85
			<i>For Up To 20, Add</i>	1.27	
			<i>For >20 To 40, Add</i>	0.75	
			<i>For >40 To 80, Add</i>	0.31	
			<i>For >240 To 960, Deduct</i>	-0.41	
			<i>For >960, Deduct</i>	-0.62	
09 65	13 36-0023	LF	0.08" To 0.08" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Y).....	4.90	0.85
			<i>For Up To 20, Add</i>	1.28	
			<i>For >20 To 40, Add</i>	0.76	
			<i>For >40 To 80, Add</i>	0.31	
			<i>For >240 To 960, Deduct</i>	-0.42	
			<i>For >960, Deduct</i>	-0.63	
09 65	13 36-0024	LF	0.08" To 3/8" Material x 2-1/2", Vinyl, Wheeled Traffic Transition (Johnsonite CTA-XX-Z).....	5.63	0.85
			<i>For Up To 20, Add</i>	1.39	
			<i>For >20 To 40, Add</i>	0.84	
			<i>For >40 To 80, Add</i>	0.35	
			<i>For >240 To 960, Deduct</i>	-0.50	
			<i>For >960, Deduct</i>	-0.74	

09 65 16 Resilient Sheet Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete.

09 65 16 23 Vinyl Sheet Flooring (09 65 16)**09 65 16 23-0001 Vinyl Sheet Flooring (09 65 16 23)**

Note: For flash cove application, add additional square foot of material to form cove base.

09 65	16 23-0002	SF	0.080" Overall Thickness, 0.080" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	10.52	0.51
			<i>For Up To 40, Add</i>	3.46	
			<i>For >40 To 100, Add</i>	1.73	
			<i>For >1,000, Deduct</i>	-0.95	
09 65	16 23-0003	SF	0.080" Overall Thickness, 0.060" Wear Layer, Homogeneous, Commercial Vinyl Sheet Flooring	8.49	0.51
			<i>For Up To 40, Add</i>	3.05	
			<i>For >40 To 100, Add</i>	1.53	
			<i>For >1,000, Deduct</i>	-0.75	
09 65	16 23-0004	SF	0.080" Overall Thickness, 0.050" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	5.33	0.51
			<i>For Up To 40, Add</i>	2.42	
			<i>For >40 To 100, Add</i>	1.21	
			<i>For >1,000, Deduct</i>	-0.43	
09 65	16 23-0005	SF	0.080" Overall Thickness, 0.040" Wear Layer, Inlaid With Polyglass Backing, Commercial Vinyl Sheet Flooring	7.10	0.51
			<i>For Up To 40, Add</i>	2.77	
			<i>For >40 To 100, Add</i>	1.39	
			<i>For >1,000, Deduct</i>	-0.61	
09 65	16 23-0006	SF	0.080" Overall Thickness, 0.060" Wear Layer, Inlaid With Felt Backing, Commercial Vinyl Sheet Flooring	9.70	0.51
			<i>For Up To 40, Add</i>	3.29	
			<i>For >40 To 100, Add</i>	1.65	
			<i>For >1,000, Deduct</i>	-0.87	
09 65	16 23-0007	SF	0.080" Overall Thickness, 0.020" Wear Layer, Slip Retardant Surface, Commercial Vinyl Sheet Flooring.....	13.62	0.51
			<i>For Up To 40, Add</i>	4.08	
			<i>For >40 To 100, Add</i>	2.04	
			<i>For >1,000, Deduct</i>	-1.26	

09 65 16 23-0008 Heat Welding Vinyl Sheet Flooring Seams (09 65 16 23)

Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.

09 65	16 23-0009	LF	Heat Weld Non-Patterned Vinyl Sheet Flooring Seams.....	4.98	
09 65	16 23-0010	LF	Heat Weld Patterned Vinyl Sheet Flooring Seams	5.41	

09 65 16 23-0011 Forming Vinyl Sheet Flooring Inside/Outside Cove Corners (09 65 16 23)

Note: Excludes heat welding.

09 65	16 23-0012	EA	Forming Vinyl Sheet Flooring Inside/Outside Cove Corners.....	11.34	
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09 65 16 23-0013 Vinyl Sheet Flooring Accessories (09 65 16 23)

09 65	16 23-0014	LF	1/2" Radius Vinyl Cove Filler Strip	3.76	
09 65	16 23-0015	LF	1-1/4" Radius Vinyl Cove Filler Strip	3.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 65 16 23-0016	LF	1-1/2" Radius Vinyl Cove Filler Strip.....	5.28	
09 65 16 23-0017	LF	1/8" Aluminum Cove Cap.....	2.37	

09 65 19 Resilient Tile Flooring (09 65)

Note: Includes mastic and cleaning floor after installation is complete. Demolition includes removal of the tile and adhesive and cleaning of the surface for a new floor.

09 65 19 19 Vinyl Composition Tile Flooring (09 65 19)

09 65 19 19-0001 Vinyl Composition Tile (VCT) (09 65 19 19)

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 1 solid color tile, Class 2 through pattern tile or Class 3 surface pattern tile as listed in the task description.

09 65 19 19-0002	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Imperial Texture®).....	3.24	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.07	
		<i>For >3,000 To 6,000, Deduct</i>	-0.17	
		<i>For >6,000, Deduct</i>	-0.31	
		<i>For 3/32" Thick, Deduct</i>	-0.20	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0003	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon MultiColor™).....	3.11	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.07	
		<i>For >3,000 To 6,000, Deduct</i>	-0.17	
		<i>For >6,000, Deduct</i>	-0.30	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0004	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Standard Excelon Rave®).....	3.11	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.07	
		<i>For >3,000 To 6,000, Deduct</i>	-0.17	
		<i>For >6,000, Deduct</i>	-0.30	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0005	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® ChromaSpin™).....	4.88	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.10	
		<i>For >3,000 To 6,000, Deduct</i>	-0.24	
		<i>For >6,000, Deduct</i>	-0.41	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0006	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Companion Square®).....	4.89	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.10	
		<i>For >3,000 To 6,000, Deduct</i>	-0.24	
		<i>For >6,000, Deduct</i>	-0.41	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0007	SF	1/8" Thick, Class 3 Surface Pattern, Vinyl Composition Tile (VCT) (Armstrong® Arteffects®).....	5.23	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.11	
		<i>For >3,000 To 6,000, Deduct</i>	-0.25	
		<i>For >6,000, Deduct</i>	-0.43	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0008	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Excelon Stonetex®).....	5.28	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.11	
		<i>For >3,000 To 6,000, Deduct</i>	-0.26	
		<i>For >6,000, Deduct</i>	-0.43	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0009	SF	1/8" Thick, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Raffia™).....	5.49	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.12	
		<i>For >3,000 To 6,000, Deduct</i>	-0.26	
		<i>For >6,000, Deduct</i>	-0.44	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0010	SF	1/8" Thick, Slip Retardant, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® Safety Zone™).....	7.42	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.15	
		<i>For >3,000 To 6,000, Deduct</i>	-0.34	
		<i>For >6,000, Deduct</i>	-0.56	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	
09 65 19 19-0011	SF	1/8" Thick, Class 1 Solid Color, Vinyl Composition Tile (VCT) (Armstrong® Excelon Feature™).....	8.18	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.17	
		<i>For >3,000 To 6,000, Deduct</i>	-0.37	
		<i>For >6,000, Deduct</i>	-0.60	
		<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
		<i>For Wax And Polish, Add</i>	0.48	

09 65 19 19-0012 Static Dissipative Vinyl Composition Tile (VCT) (09 65 19 19)

Note: The following vinyl composition tiles are certified to ASTM F 1066 Class 2 through pattern tile as listed in the task description.

09 65 19 19-0013	SF	1/8" Thick, Static Dissipative, Class 2 Through Pattern, Vinyl Composition Tile (VCT) (Armstrong® SDT™).....	17.27	1.02
		<i>For >1,000 To 3,000, Deduct</i>	-0.36	
		<i>For >3,000 To 6,000, Deduct</i>	-0.77	
		<i>For >6,000, Deduct</i>	-1.23	
		<i>For Extra Stock, Material Only, Deduct</i>	-2.02	
		<i>For Wax And Polish, Add</i>	0.48	

09 Finishes**09 60 Flooring****09 65 Resilient Flooring**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 19 19-0014	SF		1/8" Thick, Static Dissipative, Solid Vinyl Composition Tile (VCT) (Staticworx, Ameriworx® ESD)	12.97	1.02
			<i>For Up To 20, Add</i>	2.80	
			<i>For >20 To 40, Add</i>	1.72	
			<i>For >40 To 80, Add</i>	0.76	
			<i>For >1,000 To 3,000, Deduct</i>	-0.27	
			<i>For >3,000 To 6,000, Deduct</i>	-0.59	
			<i>For >6,000, Deduct</i>	-0.97	
			<i>For Extra Stock, Material Only, Deduct</i>	-2.02	
09 65 19 23			Vinyl Tile Flooring (09 65 19)		
09 65 19 23-0001			Vinyl Tile (09 65 19 23) Note: Any size.		
09 65 19 23-0002			Solid Vinyl Tile (SVT) (09 65 19 23-0001) Note: The following solid vinyl tiles are certified to ASTM F 1700.		
09 65 19 23-0003	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande).....	8.91	1.02
			<i>For Up To 20, Add</i>	2.03	
			<i>For >20 To 40, Add</i>	1.24	
			<i>For >40 To 80, Add</i>	0.53	
			<i>For >1,000 To 3,000, Deduct</i>	-0.19	
			<i>For >3,000 To 6,000, Deduct</i>	-0.42	
			<i>For >6,000, Deduct</i>	-0.69	
09 65 19 23-0004	SF		1/8" Thick, Class 1 Type A, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Karim Kolors).....	9.17	1.02
			<i>For Up To 20, Add</i>	2.07	
			<i>For >20 To 40, Add</i>	1.27	
			<i>For >40 To 80, Add</i>	0.55	
			<i>For >1,000 To 3,000, Deduct</i>	-0.19	
			<i>For >3,000 To 6,000, Deduct</i>	-0.43	
			<i>For >6,000, Deduct</i>	-0.71	
09 65 19 23-0005	SF		1/8" Thick, Slip Retardant, Class 1 Type B, Homogeneous, Solid Vinyl Tile (SVT) (Tarkett® Azrock® Cortina Grande SR)	9.35	1.02
			<i>For Up To 20, Add</i>	2.10	
			<i>For >20 To 40, Add</i>	1.28	
			<i>For >40 To 80, Add</i>	0.55	
			<i>For >1,000 To 3,000, Deduct</i>	-0.20	
			<i>For >3,000 To 6,000, Deduct</i>	-0.43	
			<i>For >6,000, Deduct</i>	-0.72	
09 65 19 23-0006			Luxury Vinyl Tile (LVT) (09 65 19 23-0001)		
09 65 19 23-0007	SF		2.5mm Thick, Luxury Vinyl Tile (LVT) (Mannington Amtico).....	12.50	1.02
			<i>For Up To 20, Add</i>	2.57	
			<i>For >20 To 40, Add</i>	1.60	
			<i>For >40 To 80, Add</i>	0.71	
			<i>For >1,000 To 3,000, Deduct</i>	-0.26	
			<i>For >3,000 To 6,000, Deduct</i>	-0.56	
			<i>For >6,000, Deduct</i>	-0.91	
09 65 19 33			Rubber Tile Flooring (09 65 19)		
09 65 19 33-0001			Rubber Tile (09 65 19 33)		
09 65 19 33-0002			Rubber Tile With Raised Discs, Assorted Colors (09 65 19 33-0001)		
09 65 19 33-0003	SF		1/8" Thick Rubber Tile With Raised Discs	21.98	0.62
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.16	
09 65 19 33-0004	SF		3/16" Thick Rubber Tile With Raised Discs	26.75	0.68
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.41	
09 65 19 33-0005	SF		7/32" Thick Rubber Tile With Raised Discs	29.66	0.82
			Note: Smooth, raised disc or other patterned surface.		
			<i>For Up To 100, Add</i>	1.56	
09 65 19 43			Polyester Composition Tile Flooring (09 65 19)		
09 65 19 43-0001			Polyester Composition Floor Tile (09 65 19 43) Note: Any size.		
09 65 19 43-0002	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Migrations®).....	7.91	1.02
			<i>For >1,000 To 3,000, Deduct</i>	-0.16	
			<i>For >3,000 To 6,000, Deduct</i>	-0.36	
			<i>For >6,000, Deduct</i>	-0.59	
			<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
09 65 19 43-0003	SF		1/8" Thick, Polyester Composition Floor Tile (Armstrong® BioBased Tile® Striations®)	5.79	1.02
			<i>For >1,000 To 3,000, Deduct</i>	-0.12	
			<i>For >3,000 To 6,000, Deduct</i>	-0.28	
			<i>For >6,000, Deduct</i>	-0.46	
			<i>For Extra Stock, Material Only, Deduct</i>	-1.20	
09 65 23			Resilient Plank Flooring (09 65)		
			Note: Includes mastic and cleaning floor after installation is complete.		
09 65 23 00-0001			Vinyl Plank Flooring (09 65 23)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 65 23 00-0002 SF 0.110" Overall Thickness, 0.012" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	7.76	0.51
<i>For Up To 40, Add</i>	2.90	
<i>For >40 To 100, Add</i>	1.45	
<i>For >1,000, Deduct</i>	-0.67	
09 65 23 00-0003 SF 0.135" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	9.92	0.51
<i>For Up To 40, Add</i>	3.34	
<i>For >40 To 100, Add</i>	1.67	
<i>For >1,000, Deduct</i>	-0.89	
09 65 23 00-0004 SF 0.16" Overall Thickness, 0.020" Wear Layer, Vinyl Plank Flooring (Armstrong® Luxe Plank™).....	11.26	0.51
<i>For Up To 40, Add</i>	3.60	
<i>For >40 To 100, Add</i>	1.80	
<i>For >1,000, Deduct</i>	-1.02	
09 65 43 Linoleum Flooring (09 65)		
Note: Includes mastic and cleaning floor after installation is complete.		
09 65 43 00-0001 Linoleum Flooring (09 65 43)		
09 65 43 00-0002 SF Linoleum Tile (Forbo Marmoleum Composition Tile, MCT)	6.31	1.02
09 65 43 00-0003 SF 2.5 mm, Linoleum Sheet (Forbo Marmoleum)	4.84	0.51
<i>For 3.2mm Thickness, Add</i>	0.76	
<i>For 2mm Thickness, Deduct</i>	-0.36	
09 65 43 00-0004 LF Heat Weld Linoleum Sheet Flooring Seams	4.98	
Note: For areas requiring seamless installations and superior infection control. Includes routing or hand grooving seams, installing welding rod with heat welding gun, trimming the weld rod flush with the floor surface and applying a protective finish to seam.		
09 65 66 Resilient Athletic Flooring (09 65)		
09 65 66 00-0001 Recycled Rubber, Interlocking Athletic Tiles (09 65 66)		
09 65 66 00-0002 SF 3/8" Height, Recycled Rubber, Interlocking Athletic Tile	7.20	0.47
<i>For Colors, Add</i>	1.30	
09 65 66 00-0003 SF 1/2" Height, Recycled Rubber, Interlocking Athletic Tile	8.35	0.60
<i>For Colors, Add</i>	1.50	
09 65 66 00-0004 SF 3/4" Height, Recycled Rubber, Interlocking Athletic Tile	9.52	0.95
<i>For Colors, Add</i>	1.63	
09 65 66 00-0005 SF 1" Height, Recycled Rubber, Interlocking Athletic Tile	13.97	1.16
<i>For Colors, Add</i>	2.47	
09 65 66 00-0006 Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tiles (09 65 66)		
09 65 66 00-0007 SF 3/8" Height, Black Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-155).....	39.77	0.47
<i>For Colors, Add</i>	4.89	
09 65 66 00-0008 SF 9/16" Height, Black Raised Squares Surface, Closed Cell, 100 Percent Virgin Rubber, Hidden Interlocking Athletic Tile (Pawling HL-100).....	57.69	0.47
<i>For Colors, Add</i>	7.13	
09 65 66 00-0009 SF 3/8" Height, Black Raised Discs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-100).....	42.02	0.47
<i>For Colors, Add</i>	5.17	
09 65 66 00-0010 SF 9/16" Height, Black Raised Nubs Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling PL-200).....	51.79	0.47
<i>For Colors, Add</i>	6.39	
09 65 66 00-0011 SF 7/16" Height, Black Reversible Hammered Surface, Closed Cell, 100 Percent Virgin Rubber, Interlocking Athletic Tile (Pawling FL-150)	43.22	0.47
<i>For Colors, Add</i>	5.32	
09 65 66 00-0012 Sheet Goods For Gym (09 65 66)		
09 65 66 00-0013 SF 1/4" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	20.56	2.04
09 65 66 00-0014 SF 9/32" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	21.77	2.11
09 65 66 00-0015 SF 3/8" Polyvinyl Chloride (PVC) Cushioned Synthetic Gym Floor.....	22.90	2.18
09 65 66 00-0016 SF 1/8" Rubber Sheet Good For Gym Floor Base	4.24	1.66
09 65 66 00-0017 SF 3/16" Rubber Sheet Good For Gym Floor Base	4.74	1.91
09 65 66 00-0018 SF 1/4" Rubber Sheet Good For Gym Floor Base	5.58	2.04
09 65 66 00-0019 SF 3/8" Rubber Sheet Good For Gym Floor Base	6.16	2.18
09 65 66 00-0020 SF 1/2" Rubber Sheet Good For Gym Floor Base	6.56	2.31
09 65 66 00-0021 Polyurethane Floor Systems (09 65 66)		
See CSI section 09 93 23 53-0015 for game lines.		
09 65 66 00-0022 SF 9 mm Thick Base Coat, 2 mm Thick Top Coat, Polyurethane Floor System With Polyurethane/Rubber Granulate Base (Robbins Pulastic).....	20.94	1.36
09 66 Terrazzo Flooring (09 60)		
09 66 13 Portland Cement Terrazzo Flooring (09 66)		
Note: Excludes divider strips. See CSI section 09 66 33 00-0000 for conductive terrazzo.		
09 66 13 13 Sand Cushion Terrazzo Flooring (09 66 13)		
09 66 13 13-0001 Floors Not Bonded To Concrete (09 66 13 13)		
Note: 3" Thick - 5/8" topping and 1/4" sand cushion.		

09 Finishes**09 60 Flooring****09 66 Terrazzo Flooring**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 13-0002	SF		Terrazzo Floor, Not Bonded, Gray Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion.....	30.78	3.03
			<i>For Venetian Type Terrazzo, Add</i>	7.28	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	7.28	
			<i>For Colors, Add</i>	3.64	
			<i>For Up To 100, Add</i>	7.94	
			<i>For >100 To 250, Add</i>	3.97	
09 66 13 13-0003	SF		Terrazzo Floor, Not Bonded, White Cement 3" Thick With 5/8" Topping, 1/4" Sand Cushion	30.92	3.03
			<i>For Venetian Type Terrazzo, Add</i>	7.35	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	7.35	
			<i>For Colors, Add</i>	3.68	
			<i>For Up To 100, Add</i>	7.96	
			<i>For >100 To 250, Add</i>	3.98	
09 66 13 16 Monolithic Terrazzo Flooring (09 66 13)					
09 66 13 16-0001			Monolithic Terrazzo (09 66 13 16)		
09 66 13 16-0002	SF		Monolithic Terrazzo, 3-1/2" Base 5/8" Topping, 4' To 5' Square Panels Topping	16.49	3.03
			Note: Including Mesh And Felt		
			<i>For Venetian Type Terrazzo, Add</i>	5.30	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	5.30	
			<i>For Colors, Add</i>	2.65	
			<i>For Up To 100, Add</i>	3.42	
			<i>For >100 To 250, Add</i>	1.71	
09 66 13 19 Bonded Terrazzo Flooring (09 66 13)					
09 66 13 19-0001			Floors Bonded To Concrete (09 66 13 19)		
			Note: 1-3/4" Thick - 5/8" topping.		
09 66 13 19-0002	SF		Terrazzo Floor, Bonded To Concrete, Gray Cement 1-3/4" Thick With 5/8" Topping	24.48	3.03
			<i>For Venetian Type Terrazzo, Add</i>	6.01	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	6.01	
			<i>For Colors, Add</i>	3.00	
			<i>For Up To 100, Add</i>	6.19	
			<i>For >100 To 250, Add</i>	3.09	
09 66 13 19-0003	SF		Terrazzo Floor, Bonded To Concrete, White Cement 1-3/4" Thick With 5/8" Topping.....	24.62	3.03
			<i>For Venetian Type Terrazzo, Add</i>	6.08	
			<i>For Abrasive Heavy Duty Terrazzo, Add</i>	6.08	
			<i>For Colors, Add</i>	3.04	
			<i>For Up To 100, Add</i>	6.20	
			<i>For >100 To 250, Add</i>	3.10	
09 66 13 19-0004			Terrazzo Wainscot (09 66 13 19)		
09 66 13 19-0005	SF		1-1/2" Thick Terrazzo Wainscot, Cast In Place, Bonded To Concrete Or Masonry	34.78	4.05
			<i>For Venetian Type Terrazzo, Add</i>	3.89	
09 66 13 19-0006			Terrazzo Base (09 66 13 19)		
09 66 13 19-0007	SF		6" Cove Type Terrazzo Base, Cast In Place, Bonded To Concrete Or Masonry	35.33	3.30
			<i>For Venetian Type Terrazzo, Add</i>	8.48	
09 66 13 19-0008			Terrazzo Curb (09 66 13 19)		
09 66 13 19-0009	LF		6" x 6" Terrazzo Curb, Cast In Place, Polished Top And 2 Faces	96.07	22.04
			<i>For Venetian Type Terrazzo, Add</i>	11.31	
09 66 13 19-0010			Stairs Cast In Place (09 66 13 19)		
			Note: Topping applied to concrete or metal.		
09 66 13 19-0011	LF		1-1/2" Thick x 12" Wide, Terrazzo Stair, Cast In Place, Bonded To Concrete Or Metal	35.83	6.08
			<i>For Each SF Of Abrasive Surface Finish, Add</i>	0.35	
			<i>For Each LF Of Embedded Abrasive Strips, Add</i>	0.56	
			<i>For Each LF Of Abrasive Metal Nosing, Add</i>	3.90	
			<i>For Each SF Of Landings, Add</i>	1.50	
09 66 13 19-0012	LF		Terrazzo Stair Tread And Riser, Cast In Place, Bonded To Concrete Or Metal	90.78	20.26
			<i>For Each SF Of Abrasive Surface Finish, Add</i>	0.35	
			<i>For Each LF Of Embedded Abrasive Strips, Add</i>	0.56	
			<i>For Each LF Of Abrasive Metal Nosing, Add</i>	3.90	
			<i>For Each SF Of Landings, Add</i>	1.50	
09 66 13 19-0013	SF		Terrazzo Stair Stringer And Fascia, Cast In Place, Bonded To Concrete Or Metal.....	36.25	6.08
			<i>For Each SF Of Abrasive Surface Finish, Add</i>	0.35	
			<i>For Each LF Of Embedded Abrasive Strips, Add</i>	0.56	
			<i>For Each LF Of Abrasive Metal Nosing, Add</i>	3.90	
			<i>For Each SF Of Landings, Add</i>	1.50	
09 66 13 19-0014			Divider Strips (09 66 13 19)		
09 66 13 19-0015	LF		1-1/4" Deep, 14 Gauge, Zinc Plated Steel, Divider Strip.....	6.46	1.01
09 66 13 19-0016	LF		1-1/4" Deep, 14 Gauge, Brass, Divider Strip.....	6.06	1.01
09 66 13 19-0017	LF		1-1/4" Deep, 1/4" Thick, Zinc Plated Steel, Heavy Top Strip	10.12	1.01
09 66 13 19-0018	LF		1-1/4" Deep, 1/4" Thick, Galvanized Steel Bottom, Brass, Heavy Top Strip.....	15.22	1.01
09 66 13 19-0019	LF		1/2" x 1/2", 16 Gauge, Zinc Plated Steel, Divider Strip For Thin Set Floors.....	6.15	1.01
09 66 13 19-0020	LF		1/2" x 1/2", 16 Gauge, Brass, Divider Strip For Thin Set Floors.....	9.36	1.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 13 19-0021 LF Vinyl Plastic, Divider Strip For Floor	5.66	1.01
09 66 16 Terrazzo Floor Tile (09 66)		
09 66 16 13 Portland Cement Terrazzo Floor Tile (09 66 16)		
09 66 16 13-0001 Flooring Tiles (09 66 16 13) Note: Gray cement setting bed 3/16" polyester matrix or 1/2" cement matrix 12" x 12".		
09 66 16 13-0002 Terrazzo Tiles With Non-Slip Surface (09 66 16 13-0001)		
09 66 16 13-0003 SF 9" x 9" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	24.51	2.20
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0004 SF 12" x 12" x 1" Non-Slip Precast Terrazzo, Thin Set Floor Tile	25.10	2.20
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0005 SF 12" x 12" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	29.12	2.20
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0006 SF 18" x 18" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	31.25	2.20
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0007 SF 24" x 24" x 1-1/2" Non-Slip Precast Terrazzo, Thin Set Floor Tile	32.83	2.20
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0008 Terrazzo Tile Thin Set (09 66 16 13-0001)		
09 66 16 13-0009 SF Precast Terrazzo, 1/4" To 1/2" Chips Floor Tiles, Thin Set Gray Cement Bed	24.30	2.20
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0010 SF Precast Terrazzo, 3/8" To 1" Chips Floor Tiles, Thin Set Gray Cement Bed	25.96	2.20
For White Cement, Add	0.36	
For Venetian Type Terrazzo, Add	2.00	
09 66 16 13-0011 Thin Set Terrazzo Wainscot (09 66 16 13-0001)		
09 66 16 13-0012 SF 12" x 12" x 1" Terrazzo Tile Wainscot Thin Set	46.85	6.61
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0013 SF 18" x 18" x 1-1/2" Terrazzo Tile Wainscot Thin Set	53.64	6.61
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0014 Thin Set Terrazzo Base, Gray Cement (09 66 16 13-0001)		
09 66 16 13-0015 LF 6" High, Straight Terrazzo Base Thin Set, Gray Cement	15.33	3.30
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0016 LF 6" High, Cove Terrazzo Base Thin Set, Gray Cement	16.87	3.30
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0017 LF 8" High, Straight Terrazzo Base Thin Set, Gray Cement	17.71	3.30
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0018 LF 8" High, Cove Terrazzo Base Thin Set, Gray Cement	18.47	3.30
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0019 Terrazzo Curbs (09 66 16 13-0001)		
09 66 16 13-0020 LF 8" x 8" Curb, Terrazzo Tile	32.23	4.41
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0021 LF 6" x 6" Curb, Terrazzo Tile	31.46	4.41
For Each LF Of White Cement, Add	0.50	
For Each LF Of Zinc Toe Strip, Add	1.00	
09 66 16 13-0022 Precast Terrazzo Stair Treads 12" Wide (09 66 16 13-0001)		
09 66 16 13-0023 LF 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Diamond Pattern	69.28	4.41
09 66 16 13-0024 LF 1-1/2" Precast Terrazzo Stair Tread 12" Wide x 1-1/2" Thick, Non-Slip Surface	60.06	4.41
09 66 16 13-0025 LF 2" Precast Terrazzo Straight Stair Tread	53.91	4.41
09 66 16 13-0026 LF 2" Precast Terrazzo Curved Stair Tread	62.84	4.41
09 66 16 13-0027 Stair Risers, 1" Thick To 6" High, Straight (09 66 16 13-0001)		
09 66 16 13-0028 LF 1" To 6" High Precast Terrazzo Stair Riser Straight Section, Thin Set	32.21	3.30
09 66 16 13-0029 LF 1" To 6" High Precast Terrazzo Stair Riser Straight Cove Section, Thin Set	36.83	3.30
09 66 16 13-0030 Stair Risers, 1" Thick To 6" High, Curved (09 66 16 13-0001)		
09 66 16 13-0031 LF 1" To 6" High Precast Terrazzo Stair Riser Curved Vertical Section, Thin Set	46.46	3.30

09 Finishes**09 60 Flooring****09 66 Terrazzo Flooring**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 66 16 13-0032 LF 1" To 6" High Precast Terrazzo Stair Riser Curved Cove Section, Thin Set.....	49.53	3.30
09 66 16 13-0033 Tread And Riser (09 66 16 13)		
09 66 16 13-0034 Stair Stringers, Notched For Treads And Risers (09 66 16 13-0033)		
09 66 16 13-0035 LF 1" Precast Terrazzo Stair Stringers Notched For Treads And Risers	78.82	8.81
09 66 16 13-0036 LF 2" Precast Terrazzo Stair Stringers Notched For Treads And Risers	94.83	8.81
09 66 16 13-0037 Structural Non-Slip Landings (09 66 16 13-0033)		
09 66 16 13-0038 SF 1-1/2" Thick Precast Terrazzo Stair Landing Structural, Non-Slip.....	56.33	4.41
09 66 16 13-0039 SF 3" Thick Precast Terrazzo Stair Landing Structural, Non-Slip.....	68.69	4.41
09 66 16 13-0040 Combined Tread And Riser (09 66 16 13-0033)		
09 66 16 13-0041 Straight Sections (09 66 16 13-0040)		
09 66 16 13-0042 LF Precast Terrazzo Stair Tread And Riser 1-1/2" Tread, 3/4" Riser, Straight Section.....	119.97	8.81
09 66 16 13-0043 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Straight Section.....	141.49	8.81
09 66 16 13-0044 Curved Sections (09 66 16 13-0040)		
09 66 16 13-0045 LF Precast Terrazzo Stair Tread And Riser 2" Tread, 1" Riser, Curved Section.....	148.93	8.81
09 66 16 13-0046 LF Precast Terrazzo Stair Tread And Riser 3" Tread, 1" Riser, Curved Section.....	185.82	8.81
09 66 23 Resinous Matrix Terrazzo Flooring (09 66)		
09 66 23 16 Epoxy-Resin Terrazzo Flooring (09 66 23)		
09 66 23 16-0001 Epoxy Terrazzo (09 66 23 16)		
09 66 23 16-0002 SF Chemical Resistant Epoxy Terrazzo, 1/4" Thick.....	23.03	3.03
09 66 33 Conductive Terrazzo Flooring (09 66)		
Note: For anti-static areas.		
09 66 33 13 Conductive Epoxy-Resin Terrazzo (09 66 33)		
09 66 33 13-0001 SF Terrazzo, Epoxy System, Floor Sparkproof, Conductive, Industrial.....	24.01	5.51
09 66 33 13-0002 SF Terrazzo, Epoxy System, Base Sparkproof, Conductive, Industrial.....	42.78	5.51
09 66 33 16 Conductive Polyester-Resin Terrazzo Flooring (09 66 33)		
09 66 33 16-0001 SF Terrazzo, Polyester System, Floor Sparkproof, Conductive, Industrial.....	18.51	5.51
09 66 33 16-0002 SF Terrazzo, Polyester System, Base Sparkproof, Conductive, Industrial.....	30.65	5.51
09 66 33 19 Conductive Plastic-Matrix Terrazzo Flooring (09 66 33)		
09 66 33 19-0001 SF Terrazzo, Polyacrylate System, Floor Sparkproof, Conductive, Industrial	20.78	5.51
09 66 33 19-0002 SF Terrazzo, Polyacrylate System, Base Sparkproof, Conductive, Industrial	38.78	5.51
09 66 33 19-0003 SF Terrazzo, Synthetic Latex Mastic System, Floor Sparkproof, Conductive, Industrial.....	29.37	5.51
09 66 33 19-0004 SF Terrazzo, Synthetic Latex Mastic System, Base Sparkproof, Conductive, Industrial	33.77	5.51
09 67 Fluid-Applied Flooring (09 60)		
09 67 16 Epoxy-Marble Chip Flooring (09 67)		
09 67 16 00-0001 Epoxy Marble Chip Flooring (09 67 16)		
09 67 16 00-0002 SF Epoxy Marble Floor With Colored Quartz Chips In 1/4" Base.....	17.61	3.03
Note: Includes primer, 1/4" epoxy marble coat with quartz chips and top seal coat.		
For Skid Resistant Abrasive Sand Finish, Add	0.08	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.08	
09 67 16 00-0003 SF Epoxy Marble Chip Floor, Topping 3/16" Thick, Heavy Duty Epoxy	18.80	3.03
Note: Includes primer, 3/16" marble chip coat and top seal coat.		
For Skid Resistant Abrasive Sand Finish, Add	0.10	
For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add	0.10	
09 67 23 Resinous Flooring (09 67)		
09 67 23 00-0001 Epoxy Resin Flooring (09 67 23)		
Note: Includes primer, slurry coat(s) and top coat(s) (assorted colors). Excludes existing floor preparation of sand/bead blasting or two pass floor grinding, degreasing and cleaning of existing floor system prior to application if applied directly to floor. Excludes floor patching, saw cutting joints, additional grinding of existing floor, leveling of floor, removal of existing floor or tiles, and applied markings or stripes. See CSI section 03 01 30 51-0001 for bead blasting, 03 35 43 00-0001 for additional floor polish grinding, 09 01 60 91-0011 for degreasing.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 67 23 00-0002 SF 3/16" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	14.00	6.89
Note: Includes primer, one 3/16" slurry coat and top seal coats (color).		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.06	
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.06	
<i>For Up To 500, Add</i>	2.69	
<i>For >500 To 1,000, Add</i>	1.70	
<i>For >1,000 To 2,000, Add</i>	0.85	
<i>For >10,000, Deduct</i>	-0.90	
09 67 23 00-0003 SF 3/16" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound	21.12	6.89
Note: Includes primer, one 3/16" slurry coat and top seal coats (color).		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.13	
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.13	
<i>For Up To 500, Add</i>	4.47	
<i>For >500 To 1,000, Add</i>	2.76	
<i>For >1,000 To 2,000, Add</i>	1.38	
<i>For >10,000, Deduct</i>	-1.26	
09 67 23 00-0004 SF 1/4" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	16.68	7.69
Note: Includes primer, two 1/8" slurry coats and top seal coats (color).		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.07	
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.07	
<i>For Up To 500, Add</i>	3.16	
<i>For >500 To 1,000, Add</i>	2.00	
<i>For >1,000 To 2,000, Add</i>	1.00	
<i>For >10,000, Deduct</i>	-1.09	
09 67 23 00-0005 SF 1/4" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound	24.85	7.69
Note: Includes primer, two 1/8" slurry coats and top seal coats (color).		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.15	
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.15	
<i>For Up To 500, Add</i>	5.20	
<i>For >500 To 1,000, Add</i>	3.22	
<i>For >1,000 To 2,000, Add</i>	1.61	
<i>For >10,000, Deduct</i>	-1.50	
09 67 23 00-0006 SF 3/8" Heavy Duty (6,000 To 7,500 PSI) Epoxy Flooring Trowel Applied Mortar Compound.....	18.85	8.61
Note: Includes primer, two 3/16" slurry coats and top seal coats (color).		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.08	
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.08	
<i>For Up To 500, Add</i>	3.59	
<i>For >500 To 1,000, Add</i>	2.27	
<i>For >1,000 To 2,000, Add</i>	1.13	
<i>For >10,000, Deduct</i>	-1.22	
09 67 23 00-0007 SF 3/8" Chemical Resistant (10,000 To 12,000 PSI) Epoxy Flooring Trowel Applied Mortar Compound	27.51	8.61
Note: Includes primer, two 3/16" slurry coats and top seal coats (color).		
<i>For Skid Resistant Abrasive Sand Finish, Add</i>	0.16	
<i>For Skid Resistant, Orange Peel Texture, Non-Abrasive Topping, Add</i>	0.16	
<i>For Up To 500, Add</i>	5.75	
<i>For >500 To 1,000, Add</i>	3.56	
<i>For >1,000 To 2,000, Add</i>	1.78	
<i>For >10,000, Deduct</i>	-1.66	

09 68 Carpeting (09 60)

Note: No VOC carpet and adhesives. Includes tack strips, glue and floor fastenings as required and vacuuming.

09 68 13 Tile Carpeting (09 68)

09 68 13 00-0001 Tufted Carpet Tiles (09 68 13)

Note: Level-loop pile or textured-loop pile carpet tiles. Includes glue or peel and stick backing.

09 68 13 00-0002 Non-Patterned Carpet Tiles (09 68 13 00-0001)

09 68 13 00-0003 SY 18 Ounce, Non-Patterned, Nylon Carpet Tile	30.16	4.10
<i>For Up To 15, Add</i>	2.01	
<i>For >15 To 33, Add</i>	1.01	
<i>For >200 To 400, Deduct</i>	-0.40	
<i>For >400 To 600, Deduct</i>	-0.60	
<i>For >600 To 900, Deduct</i>	-1.16	
<i>For >900 To 1,500, Deduct</i>	-1.71	
<i>For >1,500 To 2,200, Deduct</i>	-2.51	
<i>For >2,200 To 3,500, Deduct</i>	-3.27	
<i>For >3,500, Deduct</i>	-4.02	
<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0004 SY 20 Ounce, Non-Patterned, Nylon Carpet Tile	31.38	4.10
<i>For Up To 15, Add</i>	2.01	
<i>For >15 To 33, Add</i>	1.01	
<i>For >200 To 400, Deduct</i>	-0.43	
<i>For >400 To 600, Deduct</i>	-0.64	
<i>For >600 To 900, Deduct</i>	-1.22	
<i>For >900 To 1,500, Deduct</i>	-1.79	
<i>For >1,500 To 2,200, Deduct</i>	-2.64	
<i>For >2,200 To 3,500, Deduct</i>	-3.42	
<i>For >3,500, Deduct</i>	-4.20	
<i>For Cushion Backed Tile, Add</i>	6.00	

09 Finishes

09 60 Flooring

09 68 Carpeting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68	13 00-0005	SY	22 Ounce, Non-Patterned, Nylon Carpet Tile	35.25	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.50	
			<i>For >400 To 600, Deduct</i>	-0.76	
			<i>For >600 To 900, Deduct</i>	-1.41	
			<i>For >900 To 1,500, Deduct</i>	-2.07	
			<i>For >1,500 To 2,200, Deduct</i>	-3.02	
			<i>For >2,200 To 3,500, Deduct</i>	-3.90	
			<i>For >3,500, Deduct</i>	-4.78	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0006	SY	24 Ounce, Non-Patterned, Nylon Carpet Tile	39.03	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.58	
			<i>For >400 To 600, Deduct</i>	-0.87	
			<i>For >600 To 900, Deduct</i>	-1.60	
			<i>For >900 To 1,500, Deduct</i>	-2.33	
			<i>For >1,500 To 2,200, Deduct</i>	-3.40	
			<i>For >2,200 To 3,500, Deduct</i>	-4.38	
			<i>For >3,500, Deduct</i>	-5.35	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0007	SY	26 Ounce, Non-Patterned, Nylon Carpet Tile	41.23	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.62	
			<i>For >400 To 600, Deduct</i>	-0.94	
			<i>For >600 To 900, Deduct</i>	-1.71	
			<i>For >900 To 1,500, Deduct</i>	-2.48	
			<i>For >1,500 To 2,200, Deduct</i>	-3.62	
			<i>For >2,200 To 3,500, Deduct</i>	-4.65	
			<i>For >3,500, Deduct</i>	-5.68	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0008	SY	28 Ounce, Non-Patterned, Nylon Carpet Tile	43.49	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.67	
			<i>For >400 To 600, Deduct</i>	-1.00	
			<i>For >600 To 900, Deduct</i>	-1.82	
			<i>For >900 To 1,500, Deduct</i>	-2.64	
			<i>For >1,500 To 2,200, Deduct</i>	-3.85	
			<i>For >2,200 To 3,500, Deduct</i>	-4.93	
			<i>For >3,500, Deduct</i>	-6.02	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0009	SY	30 Ounce, Non-Patterned, Nylon Carpet Tile	44.16	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.68	
			<i>For >400 To 600, Deduct</i>	-1.02	
			<i>For >600 To 900, Deduct</i>	-1.86	
			<i>For >900 To 1,500, Deduct</i>	-2.69	
			<i>For >1,500 To 2,200, Deduct</i>	-3.91	
			<i>For >2,200 To 3,500, Deduct</i>	-5.02	
			<i>For >3,500, Deduct</i>	-6.12	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0010	SY	32 Ounce, Non-Patterned, Nylon Carpet Tile	44.58	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.69	
			<i>For >400 To 600, Deduct</i>	-1.04	
			<i>For >600 To 900, Deduct</i>	-1.88	
			<i>For >900 To 1,500, Deduct</i>	-2.72	
			<i>For >1,500 To 2,200, Deduct</i>	-3.96	
			<i>For >2,200 To 3,500, Deduct</i>	-5.07	
			<i>For >3,500, Deduct</i>	-6.18	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0011	SY	34 Ounce, Non-Patterned, Nylon Carpet Tile	44.93	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.70	
			<i>For >400 To 600, Deduct</i>	-1.05	
			<i>For >600 To 900, Deduct</i>	-1.89	
			<i>For >900 To 1,500, Deduct</i>	-2.74	
			<i>For >1,500 To 2,200, Deduct</i>	-3.99	
			<i>For >2,200 To 3,500, Deduct</i>	-5.11	
			<i>For >3,500, Deduct</i>	-6.24	
			<i>For Cushion Backed Tile, Add</i>	6.00	
09 68	13 00-0012	SY	36 Ounce, Non-Patterned, Nylon Carpet Tile	46.14	4.10
			<i>For Up To 15, Add</i>	2.01	
			<i>For >15 To 33, Add</i>	1.01	
			<i>For >200 To 400, Deduct</i>	-0.72	
			<i>For >400 To 600, Deduct</i>	-1.08	
			<i>For >600 To 900, Deduct</i>	-1.95	
			<i>For >900 To 1,500, Deduct</i>	-2.83	
			<i>For >1,500 To 2,200, Deduct</i>	-4.11	
			<i>For >2,200 To 3,500, Deduct</i>	-5.26	
			<i>For >3,500, Deduct</i>	-6.42	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Cushion Backed Tile, Add</i>	6.00	

Finishes	09	09
Flooring	09 60	
Carpeting	09 68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0013 SY 38 Ounce, Non-Patterned, Nylon Carpet Tile	48.53	4.10
For Up To 15, Add	2.01	
For >15 To 33, Add	1.01	
For >200 To 400, Deduct	-0.77	
For >400 To 600, Deduct	-1.15	
For >600 To 900, Deduct	-2.07	
For >900 To 1,500, Deduct	-2.99	
For >1,500 To 2,200, Deduct	-4.35	
For >2,200 To 3,500, Deduct	-5.56	
For >3,500, Deduct	-6.78	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0014 SY 40 Ounce, Non-Patterned, Nylon Carpet Tile	51.09	4.10
For Up To 15, Add	2.01	
For >15 To 33, Add	1.01	
For >200 To 400, Deduct	-0.82	
For >400 To 600, Deduct	-1.23	
For >600 To 900, Deduct	-2.20	
For >900 To 1,500, Deduct	-3.17	
For >1,500 To 2,200, Deduct	-4.61	
For >2,200 To 3,500, Deduct	-5.88	
For >3,500, Deduct	-7.16	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0015 SY 42 Ounce, Non-Patterned, Nylon Carpet Tile	56.01	4.10
For Up To 15, Add	2.01	
For >15 To 33, Add	1.01	
For >200 To 400, Deduct	-0.92	
For >400 To 600, Deduct	-1.38	
For >600 To 900, Deduct	-2.45	
For >900 To 1,500, Deduct	-3.52	
For >1,500 To 2,200, Deduct	-5.10	
For >2,200 To 3,500, Deduct	-6.50	
For >3,500, Deduct	-7.90	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0016 SY Installation Of Owner Provided Non-Patterned Carpet Tiles.....	9.99	
09 68 13 00-0017 Patterned Carpet Tiles (09 68 13 00-0001)		
Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 13 00-0018 SY 15 Ounce, Patterned, Nylon Carpet Tile	30.82	4.10
For Up To 15, Add	2.21	
For >15 To 33, Add	1.11	
For >200 To 400, Deduct	-0.40	
For >400 To 600, Deduct	-0.59	
For >600 To 900, Deduct	-1.15	
For >900 To 1,500, Deduct	-1.71	
For >1,500 To 2,200, Deduct	-2.53	
For >2,200 To 3,500, Deduct	-3.30	
For >3,500, Deduct	-4.07	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0019 SY 18 Ounce, Patterned, Nylon Carpet Tile	31.48	4.10
For Up To 15, Add	2.21	
For >15 To 33, Add	1.11	
For >200 To 400, Deduct	-0.41	
For >400 To 600, Deduct	-0.61	
For >600 To 900, Deduct	-1.19	
For >900 To 1,500, Deduct	-1.76	
For >1,500 To 2,200, Deduct	-2.59	
For >2,200 To 3,500, Deduct	-3.38	
For >3,500, Deduct	-4.17	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0020 SY 20 Ounce, Patterned, Nylon Carpet Tile	32.71	4.10
For Up To 15, Add	2.21	
For >15 To 33, Add	1.11	
For >200 To 400, Deduct	-0.43	
For >400 To 600, Deduct	-0.65	
For >600 To 900, Deduct	-1.25	
For >900 To 1,500, Deduct	-1.85	
For >1,500 To 2,200, Deduct	-2.72	
For >2,200 To 3,500, Deduct	-3.54	
For >3,500, Deduct	-4.35	
For Cushion Backed Tile, Add	6.00	
09 68 13 00-0021 SY 22 Ounce, Patterned, Nylon Carpet Tile	36.64	4.10
For Up To 15, Add	2.21	
For >15 To 33, Add	1.11	
For >200 To 400, Deduct	-0.51	
For >400 To 600, Deduct	-0.77	
For >600 To 900, Deduct	-1.44	
For >900 To 1,500, Deduct	-2.12	
For >1,500 To 2,200, Deduct	-3.11	
For >2,200 To 3,500, Deduct	-4.03	
For >3,500, Deduct	-4.94	
For Cushion Backed Tile, Add	6.00	

09 Finishes

09 60 Flooring

09 68 Carpeting



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 68 13 00-0022	SY	24 Ounce, Patterned, Nylon Carpet Tile	40.47	4.10
		<i>For Up To 15, Add</i>	2.21	
		<i>For >15 To 33, Add</i>	1.11	
		<i>For >200 To 400, Deduct</i>	-0.59	
		<i>For >400 To 600, Deduct</i>	-0.88	
		<i>For >600 To 900, Deduct</i>	-1.64	
		<i>For >900 To 1,500, Deduct</i>	-2.39	
		<i>For >1,500 To 2,200, Deduct</i>	-3.49	
		<i>For >2,200 To 3,500, Deduct</i>	-4.51	
		<i>For >3,500, Deduct</i>	-5.52	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0023	SY	26 Ounce, Patterned, Nylon Carpet Tile	42.71	4.10
		<i>For Up To 15, Add</i>	2.21	
		<i>For >15 To 33, Add</i>	1.11	
		<i>For >200 To 400, Deduct</i>	-0.63	
		<i>For >400 To 600, Deduct</i>	-0.95	
		<i>For >600 To 900, Deduct</i>	-1.75	
		<i>For >900 To 1,500, Deduct</i>	-2.55	
		<i>For >1,500 To 2,200, Deduct</i>	-3.72	
		<i>For >2,200 To 3,500, Deduct</i>	-4.79	
		<i>For >3,500, Deduct</i>	-5.85	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0024	SY	28 Ounce, Patterned, Nylon Carpet Tile	45.00	4.10
		<i>For Up To 15, Add</i>	2.21	
		<i>For >15 To 33, Add</i>	1.11	
		<i>For >200 To 400, Deduct</i>	-0.68	
		<i>For >400 To 600, Deduct</i>	-1.02	
		<i>For >600 To 900, Deduct</i>	-1.86	
		<i>For >900 To 1,500, Deduct</i>	-2.71	
		<i>For >1,500 To 2,200, Deduct</i>	-3.95	
		<i>For >2,200 To 3,500, Deduct</i>	-5.07	
		<i>For >3,500, Deduct</i>	-6.20	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0025	SY	30 Ounce, Patterned, Nylon Carpet Tile	45.68	4.10
		<i>For Up To 15, Add</i>	2.21	
		<i>For >15 To 33, Add</i>	1.11	
		<i>For >200 To 400, Deduct</i>	-0.69	
		<i>For >400 To 600, Deduct</i>	-1.04	
		<i>For >600 To 900, Deduct</i>	-1.90	
		<i>For >900 To 1,500, Deduct</i>	-2.75	
		<i>For >1,500 To 2,200, Deduct</i>	-4.01	
		<i>For >2,200 To 3,500, Deduct</i>	-5.16	
		<i>For >3,500, Deduct</i>	-6.30	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0026	SY	32 Ounce, Patterned, Nylon Carpet Tile	46.11	4.10
		<i>For Up To 15, Add</i>	2.21	
		<i>For >15 To 33, Add</i>	1.11	
		<i>For >200 To 400, Deduct</i>	-0.70	
		<i>For >400 To 600, Deduct</i>	-1.05	
		<i>For >600 To 900, Deduct</i>	-1.92	
		<i>For >900 To 1,500, Deduct</i>	-2.78	
		<i>For >1,500 To 2,200, Deduct</i>	-4.06	
		<i>For >2,200 To 3,500, Deduct</i>	-5.21	
		<i>For >3,500, Deduct</i>	-6.36	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0027	SY	34 Ounce, Patterned, Nylon Carpet Tile	46.47	4.10
		<i>For Up To 15, Add</i>	2.21	
		<i>For >15 To 33, Add</i>	1.11	
		<i>For >200 To 400, Deduct</i>	-0.71	
		<i>For >400 To 600, Deduct</i>	-1.06	
		<i>For >600 To 900, Deduct</i>	-1.94	
		<i>For >900 To 1,500, Deduct</i>	-2.81	
		<i>For >1,500 To 2,200, Deduct</i>	-4.09	
		<i>For >2,200 To 3,500, Deduct</i>	-5.26	
		<i>For >3,500, Deduct</i>	-6.42	
		<i>For Cushion Backed Tile, Add</i>	6.00	
09 68 13 00-0028	SY	36 Ounce, Patterned, Nylon Carpet Tile	47.69	4.10
		<i>For Up To 15, Add</i>	2.21	
		<i>For >15 To 33, Add</i>	1.11	
		<i>For >200 To 400, Deduct</i>	-0.73	
		<i>For >400 To 600, Deduct</i>	-1.10	
		<i>For >600 To 900, Deduct</i>	-2.00	
		<i>For >900 To 1,500, Deduct</i>	-2.90	
		<i>For >1,500 To 2,200, Deduct</i>	-4.22	
		<i>For >2,200 To 3,500, Deduct</i>	-5.41	
		<i>For >3,500, Deduct</i>	-6.60	
		<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
		<i>For Cushion Backed Tile, Add</i>	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0029	SY		38 Ounce, Patterned, Nylon Carpet Tile	50.11	4.10
			For Up To 15, Add	2.21	
			For >15 To 33, Add	1.11	
			For >200 To 400, Deduct	-0.78	
			For >400 To 600, Deduct	-1.17	
			For >600 To 900, Deduct	-2.12	
			For >900 To 1,500, Deduct	-3.06	
			For >1,500 To 2,200, Deduct	-4.46	
			For >2,200 To 3,500, Deduct	-5.71	
			For >3,500, Deduct	-6.96	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0030	SY		40 Ounce, Patterned, Nylon Carpet Tile	52.72	4.10
			For Up To 15, Add	2.21	
			For >15 To 33, Add	1.11	
			For >200 To 400, Deduct	-0.83	
			For >400 To 600, Deduct	-1.25	
			For >600 To 900, Deduct	-2.25	
			For >900 To 1,500, Deduct	-3.25	
			For >1,500 To 2,200, Deduct	-4.72	
			For >2,200 To 3,500, Deduct	-6.04	
			For >3,500, Deduct	-7.35	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0031	SY		42 Ounce, Patterned, Nylon Carpet Tile	57.71	4.10
			For Up To 15, Add	2.21	
			For >15 To 33, Add	1.11	
			For >200 To 400, Deduct	-0.93	
			For >400 To 600, Deduct	-1.40	
			For >600 To 900, Deduct	-2.50	
			For >900 To 1,500, Deduct	-3.60	
			For >1,500 To 2,200, Deduct	-5.22	
			For >2,200 To 3,500, Deduct	-6.66	
			For >3,500, Deduct	-8.10	
			For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
			For Cushion Backed Tile, Add	6.00	
09 68 13 00-0032	SY		Installation Of Owner Provided Patterned Carpet Tiles	11.46	
09 68 13 00-0033			ESD Static Control Carpet Tiles (StaticSmart Mission Critical Discovery ECO Series) (09 68 13 00-0001)		
			Note: Includes conductive ESD releasable adhesive and grounding clips.		
09 68 13 00-0034	SY		24 Ounce, ESD Static Control, Non-Patterned, Nylon Carpet Tile (StaticSmart Mission Critical Discovery ECO Series)	85.62	4.10
			For Up To 15, Add	2.21	
			For >15 To 33, Add	1.11	
			For >200 To 400, Deduct	-1.49	
			For >400 To 600, Deduct	-2.24	
			For >600 To 900, Deduct	-3.89	
			For >900 To 1,500, Deduct	-5.55	
			For >1,500 To 2,200, Deduct	-8.01	
			For >2,200 To 3,500, Deduct	-10.15	
			For >3,500, Deduct	-12.29	
09 68 13 00-0035			Carpet Tiles (Interface) (09 68 13)		
			Note: Includes glue or peel and stick backing.		
09 68 13 00-0036	SY		24 Ounce, Nylon 6 Patterned Carpet Tile, (InterfaceFLOR Berlin)	26.25	4.10
09 68 13 00-0037	SY		23 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Bresica)	33.58	4.10
09 68 13 00-0038	SY		17 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Chenille Warp)	25.24	4.10
09 68 13 00-0039	SY		18 Ounce, Nylon 6 Patterned Carpet Tile, (InterfaceFLOR Cubic)	24.23	4.10
09 68 13 00-0040	SY		18 Ounce, Nylon 6 Patterned Carpet Tile, (InterfaceFLOR Cubic Colores)	24.23	4.10
09 68 13 00-0041	SY		22 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Doodle)	30.67	4.10
09 68 13 00-0042	SY		17 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Earth II)	24.73	4.10
09 68 13 00-0043	SY		28 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Entry Level)	29.70	4.10
09 68 13 00-0044	SY		41 Ounce, 55% Nylon 27.5% Animal Hair 17.5% Polyester Hair Tile, (InterfaceFLOR Flor)	38.16	4.10
09 68 13 00-0045	SY		17 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Furrows II)	24.95	4.10
09 68 13 00-0046	SY		18 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Geometry)	26.34	4.10
09 68 13 00-0047	SY		17 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Kenshi Ni II)	30.31	4.10
09 68 13 00-0048	SY		17 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Nagashi II)	30.31	4.10
09 68 13 00-0049	SY		22 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR On Board)	32.76	4.10
09 68 13 00-0050	SY		18 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Panorama II)	25.62	4.10
09 68 13 00-0051	SY		24 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Plain Weave)	28.49	4.10
09 68 13 00-0052	SY		14 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Platform)	28.61	4.10
09 68 13 00-0053	SY		23 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Prairie Grass)	30.05	4.10
09 68 13 00-0054	SY		18 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Profile)	24.96	4.10
09 68 13 00-0055	SY		23 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Remade)	30.35	4.10
09 68 13 00-0056	SY		16 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR S102)	28.80	4.10
09 68 13 00-0057	SY		16 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR S105)	28.80	4.10
09 68 13 00-0058	SY		20 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR S201)	31.61	4.10
09 68 13 00-0059	SY		41 Ounce, 82.5% Nylon 17.5% Polyester Hair Tile, (InterfaceFLOR Super Flor)	38.16	4.10
09 68 13 00-0060	SY		26 Ounce, Nylon 6 Patterned Carpet Tile, (InterfaceFLOR Syncopation)	27.91	4.10
09 68 13 00-0061	SY		14 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR The Standard)	24.56	4.10
09 68 13 00-0062	SY		17 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR To Scale)	29.56	4.10
09 68 13 00-0063	SY		18 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Urban Grid II)	25.62	4.10

09 Finishes**09 60 Flooring****09 68 Carpeting**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 13 00-0064	SY		18 Ounce, Nylon 6,6 solid texture Carpet Tile, (InterfaceFLOR Viva Colores)	30.59	4.10
09 68 13 00-0065	SY		17 Ounce, Nylon 6.6 Patterned Carpet Tile, (InterfaceFLOR Wind II)	24.73	4.10
09 68 13 00-0066	SY		20 Ounce, Non-Directional, Tufted Texture Loop, Nylon Carpet Tile (Interface Cubic 20z).....	55.68	4.10
			Note: 100% recycled content type 6 nylon, 100% solution dyed		
09 68 13 00-0067	SY		18 Ounce, Non-Directional, Tufted Texture Loop, Nylon Carpet Tile (Interface Geometry II).....	43.61	4.10
			Note: Post-consumer content type 6,6 nylon, 64% solution dyed, 36% yarn dyed		
09 68 13 00-0068	SY		24 Ounce, 1/4 Turn Or Ashlar, Tufted Texture Loop, Nylon Carpet Tile (Interface Mantra).....	51.82	4.10
			Note: 100% recycled content type 6 nylon, 100% solution dyed		
09 68 16			Sheet Carpeting <small>(09 68)</small>		
			Note: Weights shown are face weight excluding backing weight and excludes padding. Demolition of carpet includes removal of glue if required. Residential carpet backing basis is for padding and commercial carpet backing is for glue down.		
09 68 16 00-0001			Carpet Cushion <small>(09 68 16)</small>		
09 68 16 00-0002			Carpet Padding <small>(09 68 16 00-0001)</small>		
09 68 16 00-0003			Prime Polyurethane Foam Carpet Padding <small>(09 68 16 00-0002)</small>		
09 68 16 00-0004	SY		7/16" Thick, Prime Polyurethane Foam Carpet Padding.....	16.13	2.24
			For Up To 15, Add	0.68	
			For >15 To 33, Add	0.34	
			For >200 To 400, Deduct	-0.25	
			For >400 To 600, Deduct	-0.38	
			For >600 To 900, Deduct	-0.69	
			For >900 To 1,500, Deduct	-0.99	
			For >1,500 To 2,200, Deduct	-1.44	
			For >2,200 To 3,500, Deduct	-1.85	
			For >3,500, Deduct	-2.25	
09 68 16 00-0005	SY		1/2" Thick, Prime Polyurethane Foam Carpet Padding.....	16.88	2.24
			For Up To 15, Add	0.68	
			For >15 To 33, Add	0.34	
			For >200 To 400, Deduct	-0.27	
			For >400 To 600, Deduct	-0.40	
			For >600 To 900, Deduct	-0.73	
			For >900 To 1,500, Deduct	-1.05	
			For >1,500 To 2,200, Deduct	-1.52	
			For >2,200 To 3,500, Deduct	-1.94	
			For >3,500, Deduct	-2.36	
09 68 16 00-0006			Bonded (Rebond) Polyurethane Foam Carpet Padding <small>(09 68 16 00-0002)</small>		
09 68 16 00-0007	SY		1/4" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	9.62	2.24
			For Up To 15, Add	0.68	
			For >15 To 33, Add	0.34	
			For >200 To 400, Deduct	-0.12	
			For >400 To 600, Deduct	-0.19	
			For >600 To 900, Deduct	-0.36	
			For >900 To 1,500, Deduct	-0.54	
			For >1,500 To 2,200, Deduct	-0.79	
			For >2,200 To 3,500, Deduct	-1.03	
			For >3,500, Deduct	-1.27	
09 68 16 00-0008	SY		5/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.14	2.24
			For Up To 15, Add	0.68	
			For >15 To 33, Add	0.34	
			For >200 To 400, Deduct	-0.13	
			For >400 To 600, Deduct	-0.20	
			For >600 To 900, Deduct	-0.39	
			For >900 To 1,500, Deduct	-0.57	
			For >1,500 To 2,200, Deduct	-0.84	
			For >2,200 To 3,500, Deduct	-1.10	
			For >3,500, Deduct	-1.35	
09 68 16 00-0009	SY		3/8" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	7.72	2.24
			For Up To 15, Add	0.68	
			For >15 To 33, Add	0.34	
			For >200 To 400, Deduct	-0.09	
			For >400 To 600, Deduct	-0.13	
			For >600 To 900, Deduct	-0.27	
			For >900 To 1,500, Deduct	-0.40	
			For >1,500 To 2,200, Deduct	-0.60	
			For >2,200 To 3,500, Deduct	-0.80	
			For >3,500, Deduct	-0.99	
09 68 16 00-0010	SY		3/8" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	9.79	2.24
			For Up To 15, Add	0.68	
			For >15 To 33, Add	0.34	
			For >200 To 400, Deduct	-0.13	
			For >400 To 600, Deduct	-0.19	
			For >600 To 900, Deduct	-0.37	
			For >900 To 1,500, Deduct	-0.55	
			For >1,500 To 2,200, Deduct	-0.81	
			For >2,200 To 3,500, Deduct	-1.05	
			For >3,500, Deduct	-1.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0011 SY 7/16" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	9.79	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.37	
For >900 To 1,500, Deduct	-0.55	
For >1,500 To 2,200, Deduct	-0.81	
For >2,200 To 3,500, Deduct	-1.05	
For >3,500, Deduct	-1.30	
09 68 16 00-0012 SY 7/16" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	9.79	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.37	
For >900 To 1,500, Deduct	-0.55	
For >1,500 To 2,200, Deduct	-0.81	
For >2,200 To 3,500, Deduct	-1.05	
For >3,500, Deduct	-1.30	
09 68 16 00-0013 SY 7/16" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	11.02	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.15	
For >400 To 600, Deduct	-0.23	
For >600 To 900, Deduct	-0.43	
For >900 To 1,500, Deduct	-0.64	
For >1,500 To 2,200, Deduct	-0.93	
For >2,200 To 3,500, Deduct	-1.21	
For >3,500, Deduct	-1.48	
09 68 16 00-0014 SY 1/2" Thick, 5.5 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	9.68	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.19	
For >600 To 900, Deduct	-0.37	
For >900 To 1,500, Deduct	-0.54	
For >1,500 To 2,200, Deduct	-0.80	
For >2,200 To 3,500, Deduct	-1.04	
For >3,500, Deduct	-1.28	
09 68 16 00-0015 SY 1/2" Thick, 6 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	10.08	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.13	
For >400 To 600, Deduct	-0.20	
For >600 To 900, Deduct	-0.39	
For >900 To 1,500, Deduct	-0.57	
For >1,500 To 2,200, Deduct	-0.84	
For >2,200 To 3,500, Deduct	-1.09	
For >3,500, Deduct	-1.34	
09 68 16 00-0016 SY 1/2" Thick, 8 LB/CF Bonded (Rebond) Polyurethane Foam Carpet Padding.....	11.54	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.16	
For >400 To 600, Deduct	-0.24	
For >600 To 900, Deduct	-0.46	
For >900 To 1,500, Deduct	-0.67	
For >1,500 To 2,200, Deduct	-0.98	
For >2,200 To 3,500, Deduct	-1.27	
For >3,500, Deduct	-1.56	
09 68 16 00-0017 Froth Polyurethane Foam Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0018 SY 0.175" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	17.26	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.28	
For >400 To 600, Deduct	-0.42	
For >600 To 900, Deduct	-0.74	
For >900 To 1,500, Deduct	-1.07	
For >1,500 To 2,200, Deduct	-1.56	
For >2,200 To 3,500, Deduct	-1.99	
For >3,500, Deduct	-2.42	
09 68 16 00-0019 SY 0.250" Thick, 12 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	19.41	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.32	
For >400 To 600, Deduct	-0.48	
For >600 To 900, Deduct	-0.85	
For >900 To 1,500, Deduct	-1.22	
For >1,500 To 2,200, Deduct	-1.77	
For >2,200 To 3,500, Deduct	-2.26	
For >3,500, Deduct	-2.74	

09 Finishes**09 60 Flooring****09 68 Carpeting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0020	SY		0.250" Thick, 16 LB/CF Froth Polyurethane Foam Rubber Carpet Padding.....	21.07	2.24
			<i>For Up To 15, Add</i>	0.68	
			<i>For >15 To 33, Add</i>	0.34	
			<i>For >200 To 400, Deduct</i>	-0.35	
			<i>For >400 To 600, Deduct</i>	-0.53	
			<i>For >600 To 900, Deduct</i>	-0.93	
			<i>For >900 To 1,500, Deduct</i>	-1.34	
			<i>For >1,500 To 2,200, Deduct</i>	-1.94	
			<i>For >2,200 To 3,500, Deduct</i>	-2.46	
			<i>For >3,500, Deduct</i>	-2.99	
09 68 16 00-0021			Waffle Rubber Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0022	SY		3/8" Thick, 90 OZ/SY Waffle Rubber Carpet Padding.....	19.99	2.24
			<i>For Up To 15, Add</i>	0.68	
			<i>For >15 To 33, Add</i>	0.34	
			<i>For >200 To 400, Deduct</i>	-0.33	
			<i>For >400 To 600, Deduct</i>	-0.50	
			<i>For >600 To 900, Deduct</i>	-0.88	
			<i>For >900 To 1,500, Deduct</i>	-1.26	
			<i>For >1,500 To 2,200, Deduct</i>	-1.83	
			<i>For >2,200 To 3,500, Deduct</i>	-2.33	
			<i>For >3,500, Deduct</i>	-2.83	
09 68 16 00-0023			Flat Sponge Rubber Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0024	SY		0.156" Thick, 62 OZ/SY Flat Sponge Rubber Carpet Padding.....	11.66	2.24
			<i>For Up To 15, Add</i>	0.68	
			<i>For >15 To 33, Add</i>	0.34	
			<i>For >200 To 400, Deduct</i>	-0.17	
			<i>For >400 To 600, Deduct</i>	-0.25	
			<i>For >600 To 900, Deduct</i>	-0.46	
			<i>For >900 To 1,500, Deduct</i>	-0.68	
			<i>For >1,500 To 2,200, Deduct</i>	-1.00	
			<i>For >2,200 To 3,500, Deduct</i>	-1.29	
			<i>For >3,500, Deduct</i>	-1.58	
09 68 16 00-0025	SY		0.250" Thick, 68 OZ/SY Flat Sponge Rubber Carpet Padding.....	12.54	2.24
			<i>For Up To 15, Add</i>	0.68	
			<i>For >15 To 33, Add</i>	0.34	
			<i>For >200 To 400, Deduct</i>	-0.18	
			<i>For >400 To 600, Deduct</i>	-0.27	
			<i>For >600 To 900, Deduct</i>	-0.51	
			<i>For >900 To 1,500, Deduct</i>	-0.74	
			<i>For >1,500 To 2,200, Deduct</i>	-1.08	
			<i>For >2,200 To 3,500, Deduct</i>	-1.40	
			<i>For >3,500, Deduct</i>	-1.71	
09 68 16 00-0026	SY		0.250" Thick, 80 OZ/SY Flat Sponge Rubber Carpet Padding.....	13.19	2.24
			<i>For Up To 15, Add</i>	0.68	
			<i>For >15 To 33, Add</i>	0.34	
			<i>For >200 To 400, Deduct</i>	-0.20	
			<i>For >400 To 600, Deduct</i>	-0.29	
			<i>For >600 To 900, Deduct</i>	-0.54	
			<i>For >900 To 1,500, Deduct</i>	-0.79	
			<i>For >1,500 To 2,200, Deduct</i>	-1.15	
			<i>For >2,200 To 3,500, Deduct</i>	-1.48	
			<i>For >3,500, Deduct</i>	-1.81	
09 68 16 00-0027	SY		0.250" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding.....	15.23	2.24
			<i>For Up To 15, Add</i>	0.68	
			<i>For >15 To 33, Add</i>	0.34	
			<i>For >200 To 400, Deduct</i>	-0.24	
			<i>For >400 To 600, Deduct</i>	-0.35	
			<i>For >600 To 900, Deduct</i>	-0.64	
			<i>For >900 To 1,500, Deduct</i>	-0.93	
			<i>For >1,500 To 2,200, Deduct</i>	-1.35	
			<i>For >2,200 To 3,500, Deduct</i>	-1.73	
			<i>For >3,500, Deduct</i>	-2.11	
09 68 16 00-0028	SY		0.370" Thick, 100 OZ/SY Flat Sponge Rubber Carpet Padding.....	15.40	2.24
			<i>For Up To 15, Add</i>	0.68	
			<i>For >15 To 33, Add</i>	0.34	
			<i>For >200 To 400, Deduct</i>	-0.24	
			<i>For >400 To 600, Deduct</i>	-0.36	
			<i>For >600 To 900, Deduct</i>	-0.65	
			<i>For >900 To 1,500, Deduct</i>	-0.94	
			<i>For >1,500 To 2,200, Deduct</i>	-1.37	
			<i>For >2,200 To 3,500, Deduct</i>	-1.76	
			<i>For >3,500, Deduct</i>	-2.14	
09 68 16 00-0029			Synthetic Fiber Carpet Padding (09 68 16 00-0002)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0030 SY 0.235" Thick, 20 OZ/SY Synthetic Fiber Carpet Padding.....	5.11	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.03	
For >400 To 600, Deduct	-0.05	
For >600 To 900, Deduct	-0.14	
For >900 To 1,500, Deduct	-0.22	
For >1,500 To 2,200, Deduct	-0.34	
For >2,200 To 3,500, Deduct	-0.47	
For >3,500, Deduct	-0.60	
09 68 16 00-0031 SY 0.235" Thick, 24 OZ/SY Synthetic Fiber Carpet Padding.....	6.45	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.06	
For >400 To 600, Deduct	-0.09	
For >600 To 900, Deduct	-0.20	
For >900 To 1,500, Deduct	-0.32	
For >1,500 To 2,200, Deduct	-0.48	
For >2,200 To 3,500, Deduct	-0.64	
For >3,500, Deduct	-0.80	
09 68 16 00-0032 SY 0.275" Thick, 28 OZ/SY Synthetic Fiber Carpet Padding.....	5.84	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.05	
For >400 To 600, Deduct	-0.07	
For >600 To 900, Deduct	-0.17	
For >900 To 1,500, Deduct	-0.27	
For >1,500 To 2,200, Deduct	-0.41	
For >2,200 To 3,500, Deduct	-0.56	
For >3,500, Deduct	-0.71	
09 68 16 00-0033 SY 0.300" Thick, 32 OZ/SY Synthetic Fiber Carpet Padding.....	6.07	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.05	
For >400 To 600, Deduct	-0.08	
For >600 To 900, Deduct	-0.18	
For >900 To 1,500, Deduct	-0.29	
For >1,500 To 2,200, Deduct	-0.44	
For >2,200 To 3,500, Deduct	-0.59	
For >3,500, Deduct	-0.74	
09 68 16 00-0034 SY 0.350" Thick, 40 OZ/SY Synthetic Fiber Carpet Padding.....	7.45	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.08	
For >400 To 600, Deduct	-0.12	
For >600 To 900, Deduct	-0.25	
For >900 To 1,500, Deduct	-0.39	
For >1,500 To 2,200, Deduct	-0.58	
For >2,200 To 3,500, Deduct	-0.76	
For >3,500, Deduct	-0.95	
09 68 16 00-0035 Double Stick Synthetic Fiber Carpet Padding (09 68 16 00-0002)		
09 68 16 00-0036 SY 0.300" Thick, 32 OZ/SY Double Stick Synthetic Fiber Carpet Padding	7.87	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.09	
For >400 To 600, Deduct	-0.13	
For >600 To 900, Deduct	-0.27	
For >900 To 1,500, Deduct	-0.41	
For >1,500 To 2,200, Deduct	-0.62	
For >2,200 To 3,500, Deduct	-0.81	
For >3,500, Deduct	-1.01	
09 68 16 00-0037 SY 0.375" Thick, 40 OZ/SY Double Stick Synthetic Fiber Carpet Padding	8.95	2.24
For Up To 15, Add	0.68	
For >15 To 33, Add	0.34	
For >200 To 400, Deduct	-0.11	
For >400 To 600, Deduct	-0.17	
For >600 To 900, Deduct	-0.33	
For >900 To 1,500, Deduct	-0.49	
For >1,500 To 2,200, Deduct	-0.73	
For >2,200 To 3,500, Deduct	-0.95	
For >3,500, Deduct	-1.17	
09 68 16 00-0038 Residential Broadloom Carpet (09 68 16)		
Note: Includes tacks. See CSI section 09 68 16 00-0001 for padding.		
09 68 16 00-0039 SY 25 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....	34.64	5.98
For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add	2.70	
For Up To 15, Add	3.06	
For >15 To 33, Add	1.53	
For >200 To 400, Deduct	-0.39	
For >400 To 600, Deduct	-0.58	
For >600 To 900, Deduct	-1.20	
For >900, Deduct	-1.81	
For Installation On Stairs, Each Riser, Add	6.00	

09 Finishes**09 60 Flooring****09 68 Carpeting****Cal Poly
Humboldt.**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0040	SY	30 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		39.19	5.98
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.70	
		<i>For Up To 15, Add</i>		3.06	
		<i>For >15 To 33, Add</i>		1.53	
		<i>For >200 To 400, Deduct</i>		-0.48	
		<i>For >400 To 600, Deduct</i>		-0.72	
		<i>For >600 To 900, Deduct</i>		-1.42	
		<i>For >900, Deduct</i>		-2.13	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0041	SY	32 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		45.44	5.98
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.70	
		<i>For Up To 15, Add</i>		3.06	
		<i>For >15 To 33, Add</i>		1.53	
		<i>For >200 To 400, Deduct</i>		-0.60	
		<i>For >400 To 600, Deduct</i>		-0.90	
		<i>For >600 To 900, Deduct</i>		-1.74	
		<i>For >900, Deduct</i>		-2.57	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0042	SY	34 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		51.98	5.98
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.70	
		<i>For Up To 15, Add</i>		3.06	
		<i>For >15 To 33, Add</i>		1.53	
		<i>For >200 To 400, Deduct</i>		-0.73	
		<i>For >400 To 600, Deduct</i>		-1.10	
		<i>For >600 To 900, Deduct</i>		-2.06	
		<i>For >900, Deduct</i>		-3.03	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0043	SY	40 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		53.12	5.98
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.70	
		<i>For Up To 15, Add</i>		3.06	
		<i>For >15 To 33, Add</i>		1.53	
		<i>For >200 To 400, Deduct</i>		-0.76	
		<i>For >400 To 600, Deduct</i>		-1.13	
		<i>For >600 To 900, Deduct</i>		-2.12	
		<i>For >900, Deduct</i>		-3.11	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0044	SY	45 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		54.75	6.57
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.85	
		<i>For Up To 15, Add</i>		3.27	
		<i>For >15 To 33, Add</i>		1.64	
		<i>For >200 To 400, Deduct</i>		-0.77	
		<i>For >400 To 600, Deduct</i>		-1.15	
		<i>For >600 To 900, Deduct</i>		-2.17	
		<i>For >900, Deduct</i>		-3.18	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0045	SY	48 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		56.71	6.57
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.85	
		<i>For Up To 15, Add</i>		3.27	
		<i>For >15 To 33, Add</i>		1.64	
		<i>For >200 To 400, Deduct</i>		-0.81	
		<i>For >400 To 600, Deduct</i>		-1.21	
		<i>For >600 To 900, Deduct</i>		-2.26	
		<i>For >900, Deduct</i>		-3.32	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0046	SY	50 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		61.54	6.57
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.85	
		<i>For Up To 15, Add</i>		3.27	
		<i>For >15 To 33, Add</i>		1.64	
		<i>For >200 To 400, Deduct</i>		-0.90	
		<i>For >400 To 600, Deduct</i>		-1.36	
		<i>For >600 To 900, Deduct</i>		-2.50	
		<i>For >900, Deduct</i>		-3.65	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0047	SY	60 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		62.10	6.57
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.85	
		<i>For Up To 15, Add</i>		3.27	
		<i>For >15 To 33, Add</i>		1.64	
		<i>For >200 To 400, Deduct</i>		-0.92	
		<i>For >400 To 600, Deduct</i>		-1.37	
		<i>For >600 To 900, Deduct</i>		-2.53	
		<i>For >900, Deduct</i>		-3.69	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0048	SY	65 Ounce, Medium Traffic, Residential, Nylon Broadloom Carpet.....		64.38	6.57
		<i>For Glued Down Material Instead Of Tack Strips (Includes Scarify Floor Area And Appropriate Backing), Add</i>		2.85	
		<i>For Up To 15, Add</i>		3.27	
		<i>For >15 To 33, Add</i>		1.64	
		<i>For >200 To 400, Deduct</i>		-0.96	
		<i>For >400 To 600, Deduct</i>		-1.44	
		<i>For >600 To 900, Deduct</i>		-2.65	
		<i>For >900, Deduct</i>		-3.85	
		<i>For Installation On Stairs, Each Riser, Add</i>		6.00	
09 68 16 00-0049		Commercial Broadloom Carpet <small>(09 68 16)</small>			
		Note: Level-loop pile or textured-loop pile broadloom carpet.			
09 68 16 00-0050		Non-Patterned Broadloom Carpet <small>(09 68 16 00-0049)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0051 SY 22 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	43.86	16.85
For Up To 15, Add	2.25	
For >15 To 33, Add	1.12	
For >200 To 400, Deduct	-0.65	
For >400 To 600, Deduct	-0.98	
For >600 To 900, Deduct	-1.80	
For >900, Deduct	-2.62	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0052 SY 24 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	43.86	16.85
For Up To 15, Add	2.25	
For >15 To 33, Add	1.12	
For >200 To 400, Deduct	-0.65	
For >400 To 600, Deduct	-0.98	
For >600 To 900, Deduct	-1.80	
For >900, Deduct	-2.62	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0053 SY 26 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	43.86	16.85
For Up To 15, Add	2.25	
For >15 To 33, Add	1.12	
For >200 To 400, Deduct	-0.65	
For >400 To 600, Deduct	-0.98	
For >600 To 900, Deduct	-1.80	
For >900, Deduct	-2.62	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0054 SY 28 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	47.55	18.26
For Up To 15, Add	2.43	
For >15 To 33, Add	1.22	
For >200 To 400, Deduct	-0.71	
For >400 To 600, Deduct	-1.06	
For >600 To 900, Deduct	-1.95	
For >900, Deduct	-2.84	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0055 SY 30 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	48.55	18.26
For Up To 15, Add	2.43	
For >15 To 33, Add	1.22	
For >200 To 400, Deduct	-0.73	
For >400 To 600, Deduct	-1.09	
For >600 To 900, Deduct	-2.00	
For >900, Deduct	-2.91	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0056 SY 32 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	48.72	18.26
For Up To 15, Add	2.43	
For >15 To 33, Add	1.22	
For >200 To 400, Deduct	-0.73	
For >400 To 600, Deduct	-1.10	
For >600 To 900, Deduct	-2.01	
For >900, Deduct	-2.92	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0057 SY 34 Ounce, Medium Traffic, Non-Patterned, Nylon Broadloom Carpet	53.64	19.66
For Up To 15, Add	2.62	
For >15 To 33, Add	1.31	
For >200 To 400, Deduct	-0.81	
For >400 To 600, Deduct	-1.22	
For >600 To 900, Deduct	-2.22	
For >900, Deduct	-3.23	
For Cut Pile Carpet, Add	1.50	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0058 SY 36 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	54.36	19.66
For Up To 15, Add	2.62	
For >15 To 33, Add	1.31	
For >200 To 400, Deduct	-0.83	
For >400 To 600, Deduct	-1.24	
For >600 To 900, Deduct	-2.26	
For >900, Deduct	-3.28	
For Cut Pile Carpet, Add	1.50	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0059 SY 38 Ounce, Heavy Traffic, Non-Patterned, Nylon Broadloom Carpet	55.24	19.66
For Up To 15, Add	2.62	
For >15 To 33, Add	1.31	
For >200 To 400, Deduct	-0.84	
For >400 To 600, Deduct	-1.26	
For >600 To 900, Deduct	-2.30	
For >900, Deduct	-3.34	
For Cut Pile Carpet, Add	1.50	
For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
For Moisture Barrier Backing, Add	3.50	
For Installation On Stairs, Each Riser, Add	6.00	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 68 16 00-0060		Patterned Broadloom Carpet <small>(09 68 16 00-0049)</small>		
		Note: Patterned carpet has a definitive repeating pattern as defined by the manufacturer.		
09 68 16 00-0061	SY	22 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	45.48	16.85
		For Up To 15, Add	2.47	
		For >15 To 33, Add	1.24	
		For >200 To 400, Deduct	-0.66	
		For >400 To 600, Deduct	-0.99	
		For >600 To 900, Deduct	-1.84	
		For >900, Deduct	-2.69	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0062	SY	24 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	45.48	16.85
		For Up To 15, Add	2.47	
		For >15 To 33, Add	1.24	
		For >200 To 400, Deduct	-0.66	
		For >400 To 600, Deduct	-0.99	
		For >600 To 900, Deduct	-1.84	
		For >900, Deduct	-2.69	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0063	SY	26 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	45.48	16.85
		For Up To 15, Add	2.47	
		For >15 To 33, Add	1.24	
		For >200 To 400, Deduct	-0.66	
		For >400 To 600, Deduct	-0.99	
		For >600 To 900, Deduct	-1.84	
		For >900, Deduct	-2.69	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0064	SY	28 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	49.30	18.26
		For Up To 15, Add	2.68	
		For >15 To 33, Add	1.34	
		For >200 To 400, Deduct	-0.72	
		For >400 To 600, Deduct	-1.08	
		For >600 To 900, Deduct	-2.00	
		For >900, Deduct	-2.92	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0065	SY	30 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	50.31	18.26
		For Up To 15, Add	2.68	
		For >15 To 33, Add	1.34	
		For >200 To 400, Deduct	-0.74	
		For >400 To 600, Deduct	-1.11	
		For >600 To 900, Deduct	-2.05	
		For >900, Deduct	-2.99	
		For Cut Pile Carpet, Add	1.50	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0066	SY	32 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	50.49	18.26
		For Up To 15, Add	2.68	
		For >15 To 33, Add	1.34	
		For >200 To 400, Deduct	-0.74	
		For >400 To 600, Deduct	-1.11	
		For >600 To 900, Deduct	-2.06	
		For >900, Deduct	-3.00	
		For Cut Pile Carpet, Add	1.50	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0067	SY	34 Ounce, Medium Traffic, Patterned, Nylon Broadloom Carpet.....	55.56	19.66
		For Up To 15, Add	2.88	
		For >15 To 33, Add	1.44	
		For >200 To 400, Deduct	-0.82	
		For >400 To 600, Deduct	-1.23	
		For >600 To 900, Deduct	-2.27	
		For >900, Deduct	-3.31	
		For Cut Pile Carpet, Add	1.50	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	
09 68 16 00-0068	SY	36 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	56.29	19.66
		For Up To 15, Add	2.88	
		For >15 To 33, Add	1.44	
		For >200 To 400, Deduct	-0.84	
		For >400 To 600, Deduct	-1.26	
		For >600 To 900, Deduct	-2.31	
		For >900, Deduct	-3.36	
		For Cut Pile Carpet, Add	1.50	
		For Cut And Loop Pile Combination Or Tip Shear Carpet, Add	2.00	
		For Moisture Barrier Backing, Add	3.50	
		For Installation On Stairs, Each Riser, Add	6.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 68 16 00-0069	SY		38 Ounce, Heavy Traffic, Patterned, Nylon Broadloom Carpet.....	57.18	19.66
			<i>For Up To 15, Add</i>	2.88	
			<i>For >15 To 33, Add</i>	1.44	
			<i>For >200 To 400, Deduct</i>	-0.86	
			<i>For >400 To 600, Deduct</i>	-1.28	
			<i>For >600 To 900, Deduct</i>	-2.35	
			<i>For >900, Deduct</i>	-3.43	
			<i>For Cut Pile Carpet, Add</i>	1.50	
			<i>For Cut And Loop Pile Combination Or Tip Shear Carpet, Add</i>	2.00	
			<i>For Moisture Barrier Backing, Add</i>	3.50	
			<i>For Installation On Stairs, Each Riser, Add</i>	6.00	
09 68 16 00-0070			Indoor/Outdoor Carpet (09 68 16)		
			Note: Includes waterproof glue.		
09 68 16 00-0071	SY		Nylon Indoor/Outdoor Carpet.....	50.91	4.48
09 68 16 00-0072	SY		Ozite Indoor/Outdoor Carpet	38.26	4.48
09 68 16 00-0073			Carpet Accessories (09 68 16)		
09 68 16 00-0074	LF		Metal Carpet Saddle Strip, Up To 4" Wide.....	7.44	0.82
09 68 16 00-0075			Removal And Reinstallation Of Carpet And Pad (09 68 16)		
			Note: Includes storage, cleaning and supply materials.		
09 68 16 00-0076	SY		Removal And Reinstallation Of Carpet And Pad.....	23.76	
09 68 16 00-0077			Carpeting Support Functions (09 68 16)		
09 68 16 00-0078			Relocate Partitions, Modular Work Stations (09 68 16 00-0077)		
			Note: Includes disassembly and reassembly of work station. Excludes electrical disconnection or reconnection.		
09 68 16 00-0079	EA		Relocate Modular Work Station	287.68	
09 68 16 00-0080			Installation Of Owner Provided Broadloom Carpet (09 68 16)		
09 68 16 00-0081	SY		Up To 24 Oz, Installation Of Owner Provided Broadloom Carpet	10.17	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	1.95	
			<i>For >15 To 33, Add</i>	0.98	
09 68 16 00-0082	SY		>24 To 34 Oz, Installation Of Owner Provided Broadloom Carpet	11.80	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	2.28	
			<i>For >15 To 33, Add</i>	1.14	
09 68 16 00-0083	SY		>34 Oz, Installation Of Owner Provided Broadloom Carpet.....	14.08	
			Note: Includes adhesive for glue-down or tack strip for padded installations.		
			<i>For Up To 15, Add</i>	2.74	
			<i>For >15 To 33, Add</i>	1.37	
09 69			Access Flooring (09 60)		
09 69 13			Rigid-Grid Access Flooring (09 69)		
09 69 13 00-0001			Panels, No Covering (09 69 13)		
09 69 13 00-0002	SF		2' x 2' Panels - No Covering Access And Pedestal Floors.....	19.29	0.82
			<i>For Carpet Covering, Add</i>	2.77	
			<i>For Vinyl Floor Covering, Add</i>	1.91	
09 69 13 00-0003			Pedestals (09 69 13)		
09 69 13 00-0004	EA		2-1/2" To 4" Finished Floor Height, Pedestal Assembly	30.32	4.11
09 69 13 00-0005	EA		6" To 12" Finished Floor Height, Pedestal Assembly.....	38.61	4.11
09 69 13 00-0006	EA		30" To 36" Finished Floor Height, Pedestal Assembly.....	46.53	4.11
09 69 13 00-0007			Stringers (09 69 13)		
09 69 13 00-0008	EA		2' Bolted Stringers, Access And Pedestal Floors.....	18.33	4.93
09 69 13 00-0009	EA		6' Bolted Stringers, Access And Pedestal Floors.....	51.31	12.33
09 69 13 00-0010			Understructure (09 69 13)		
09 69 13 00-0011	SF		Standard Bolted Stringer Understructure 30" Or 36" Finished Floor Height	8.64	1.23
09 69 53			Access Flooring Accessories (09 69)		
09 69 53 00-0001			Accessories (09 69 53)		
09 69 53 00-0002	EA		54" x 35" Ramp Assembly	449.85	
09 69 53 00-0003	LF		36" Handrail	43.31	
09 69 53 00-0004	LF		60" Handrail	68.31	5.75
09 69 53 00-0005	LF		Accessories, Fascia Plate Access And Pedestal Floors.....	25.27	5.75
09 69 53 00-0006	EA		Machine Cutouts.....	208.61	

09	09	Finishes
	09 60	Flooring
	09 69	Access Flooring



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 69 53 00-0007 SF Hammered Aluminum Finish Fascia Note: Includes trim angles and hardware (8", 12", 18", 24").	48.20	2.71
09 69 53 00-0008 EA Cut Hole In Raised Floor And Trim With Black 1/2" Trim Material	44.73	
09 69 53 00-0009 EA Cut Round Hole In Raised Floor And Trim Carpet Install 4" Plastic Insert (Gromtec#GT003).....	44.73	
09 69 53 00-0010 EA Flush Mounted Electrical Box (Including Cutting Hole Trim Carpet) P/N Telo-7018-4	217.44	10.28
09 69 53 00-0011 EA Flush Mounted Telephone Box (Grey/Black/Communications)..... Note: Includes cut hole.	149.10	10.28
09 69 53 00-0012 EA Flush Mounted Electrical Box (In Existing Hole) P/N Telo 7018-4	217.44	10.28
09 69 53 00-0013 EA Flush Mounted Telephone Box (Grey/Black/Communications) (In Existing Hole) P/N Telo-7018-2	116.23	1.65

09 69 53 00-0014 Final Cleaning For Computer Room Raised Floor System (09 69 53)
Note: Includes wipe dirt/dust from stringers and raised floor beneath raised floor. For new or existing systems.

09 69 53 00-0015 SF Vacuum Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath Raised Floor	3.00	
09 69 53 00-0016 SF Vacuum/Shampoo Raised Floor Carpet Panel, Wipe Dirt/Dust From Stringers And Floor Beneath.....	3.14	
09 69 53 00-0017 SF Vacuum/Wet Mop Clean Raised Floor HPL Panel Wipe Dirt/Dust Stringers And Raised Floor.....	3.09	

09 70 Wall Finishes (09)

09 72 Wall Coverings (09 70)

09 72 13 Cork Wall Coverings (09 72)

09 72 13 00-0001 Cork Wall Covering (09 72 13)

09 72 13 00-0002 SF 1/8" Cork Wall Covering.....	4.82	0.79
09 72 13 00-0003 SF 1/4" Cork Wall Covering.....	6.07	0.79
09 72 13 00-0004 SF 1/2" Cork Wall Covering.....	7.08	0.79
09 72 13 00-0005 SF 3/4" Cork Wall Covering.....	10.01	0.79

09 72 16 Vinyl-Coated Fabric Wall Coverings (09 72)

09 72 16 13 Flexible Vinyl Wall Coverings (09 72 16)

09 72 16 13-0001 Vinyl Wall Coverings (09 72 16 13)
Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 16 13-0002 SF 7-10 Oz/SY Vinyl Wall Covering	3.17	0.79
For Owner Furnished Material, Deduct	-1.93	
09 72 16 13-0003 SF 11-14 Oz/SY Vinyl Wall Covering	4.13	0.79
For Owner Furnished Material, Deduct	-2.81	
09 72 16 13-0004 SF 15-19 Oz/SY Vinyl Wall Covering	4.85	0.79
For Owner Furnished Material, Deduct	-3.53	
09 72 16 13-0005 SF 20 To 25 Ounces/SY Vinyl Wall Covering.....	5.72	0.79
For Owner Furnished Material, Deduct	-4.06	
09 72 16 13-0006 SF 26-32 Oz/SY Vinyl Wall Covering	6.67	0.79
For Owner Furnished Material, Deduct	-4.94	
09 72 16 13-0007 SF 33-38 Oz/SY Vinyl Wall Covering	8.06	0.79
For Owner Furnished Material, Deduct	-6.25	

09 72 23 Wallpapering (09 72)

09 72 23 00-0001 Wallpaper Coverings (09 72 23)

Note: Includes wall preparation adhesive, and sizing compound. Demolition includes the removal of wall covering and adhesive.

09 72 23 00-0002 SF Average Quality Wallpaper (Standard Grade)	1.95	1.05
09 72 23 00-0003 SF High Quality Wallpaper (Designer Grade).....	4.03	1.35
09 72 23 00-0004 SF Textured Paintable Paper Installed On Ceiling	3.07	1.99

09 73 Wall Carpeting (09 70)

09 73 00 00-0001 Carpet Wall Covering (09 73)

09 73 00 00-0002 SY 28 Ounce, Nylon Carpet Wall Covering	40.27	18.71
09 73 00 00-0003 SY 32 Ounce, Nylon Carpet Wall Covering	41.46	18.71
09 73 00 00-0004 SY 34 Ounce, Nylon Carpet Wall Covering	44.70	20.15
09 73 00 00-0005 SY 35 Ounce, Nylon Carpet Wall Covering	47.27	20.15
09 73 00 00-0006 SY 36 Ounce, Nylon Carpet Wall Covering	49.94	20.15
09 73 00 00-0007 SY 38 Ounce, Nylon Carpet Wall Covering	51.38	20.15
09 73 00 00-0008 SY 40 Ounce, Nylon Carpet Wall Covering	53.66	21.77
09 73 00 00-0009 SY 42 Ounce, Nylon Carpet Wall Covering	56.17	21.77

09 74 Flexible Wood Sheets (09 70)

09 74 16 Flexible Wood Veneers (09 74)

09 74 16 00-0001 Flexible Wood Veneer (09 74 16)

09 74 16 00-0002 SF 1/32" Thick, Flexible Maple Wood Veneer	9.07	3.18
09 74 16 00-0003 SF 1/32" Thick, Flexible Oak Wood Veneer	9.25	3.18
09 74 16 00-0004 SF 1/32" Thick, Flexible Mahogany Wood Veneer	9.25	3.18
09 74 16 00-0005 SF 1/32" Thick, Flexible Birch Wood Veneer.....	9.42	3.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 74 16 00-0006 SF 1/32" Thick, Flexible Walnut Wood Veneer.....	10.27	3.18
09 74 16 00-0007 SF 1/32" Thick, Flexible Bamboo Wood Veneer	11.30	3.18
09 74 16 00-0008 SF 1/32" Thick, Flexible Fir Wood Veneer.....	12.50	3.18
09 74 16 00-0009 Flexible Exotic Wood Veneer (09 74 16)		
09 74 16 00-0010 SF 1/32" Thick, Flexible Exotic Wood Veneer.....	15.47	3.18
09 77 Special Wall Surfacing (09 70)		
09 77 11 Special Wall Panels (09 77)		
09 77 11 00-0001 Sanitary Wall Panels (09 77 11)		
09 77 11 00-0002 SF 0.09" Thick Fire-X Glassboard With Surfseal.....	6.81	1.43
Note: Attached with adhesive.		
<i>For Mechanical Fastening, Add</i>		
	0.92	
09 77 11 00-0003 SF 0.12" Thick Fire-X Glassboard With Surfseal.....	7.93	1.71
Note: Attached with adhesive.		
<i>For Mechanical Fastening, Add</i>		
	1.10	
09 78 Interior Wall Paneling (09 70)		
09 78 13 Metal Interior Wall Paneling (09 78)		
09 78 13 00-0001 Stainless Steel Wall Base (09 78 13)		
Note: Grade CS304 with #4 satin polish		
09 78 13 00-0002 22 Gauge Stainless Steel Wall Base (09 78 13 00-0001)		
09 78 13 00-0003 LF 2" Height, 22 Gauge, Stainless Steel Straight Wall Base	11.72	2.57
09 78 13 00-0004 LF 4" Height, 22 Gauge, Stainless Steel Straight Wall Base	17.32	2.83
09 78 13 00-0005 LF 4-3/4" Height, 22 Gauge, Stainless Steel Straight Wall Base	19.30	2.83
09 78 13 00-0006 LF 6" Height, 22 Gauge, Stainless Steel Straight Wall Base	23.17	3.09
09 78 13 00-0007 LF 8" Height, 22 Gauge, Stainless Steel Straight Wall Base	29.00	3.43
09 78 13 00-0008 LF 2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	13.18	2.57
09 78 13 00-0009 LF 4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	18.70	2.83
09 78 13 00-0010 LF 4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	20.66	2.83
09 78 13 00-0011 LF 6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	24.35	3.09
09 78 13 00-0012 LF 8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	30.20	3.43
09 78 13 00-0013 EA 2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	32.33	5.14
09 78 13 00-0014 EA 4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	40.97	5.66
09 78 13 00-0015 EA 4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	43.93	5.66
09 78 13 00-0016 EA 6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	49.69	6.17
09 78 13 00-0017 EA 8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	58.77	6.86
09 78 13 00-0018 EA 2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	66.22	5.14
09 78 13 00-0019 EA 4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	74.96	5.66
09 78 13 00-0020 EA 4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	77.83	5.66
09 78 13 00-0021 EA 6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	83.69	6.17
09 78 13 00-0022 EA 8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	92.77	6.86
09 78 13 00-0023 EA 2" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	32.33	5.14
09 78 13 00-0024 EA 4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	40.97	5.66
09 78 13 00-0025 EA 4-3/4" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	43.93	5.66
09 78 13 00-0026 EA 6" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	49.69	6.17
09 78 13 00-0027 EA 8" Height, 22 Gauge, Stainless Steel Straight 12" x 12" Outside Corner.....	58.77	6.86
09 78 13 00-0028 EA 2" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	79.86	5.14
09 78 13 00-0029 EA 4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	88.50	5.66
09 78 13 00-0030 EA 4-3/4" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	91.46	5.66
09 78 13 00-0031 EA 6" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	97.23	6.17
09 78 13 00-0032 EA 8" Height, 22 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner.....	106.30	6.86
09 78 13 00-0033 16 Gauge Stainless Steel Wall Base (09 78 13 00-0001)		
09 78 13 00-0034 LF 2" Height, 16 Gauge, Stainless Steel Straight Wall Base	20.18	2.57
09 78 13 00-0035 LF 4" Height, 16 Gauge, Stainless Steel Straight Wall Base	34.32	2.83
09 78 13 00-0036 LF 4-3/4" Height, 16 Gauge, Stainless Steel Straight Wall Base	39.38	2.83
09 78 13 00-0037 LF 6" Height, 16 Gauge, Stainless Steel Straight Wall Base	48.39	3.09
09 78 13 00-0038 LF 8" Height, 16 Gauge, Stainless Steel Straight Wall Base	64.37	3.43
09 78 13 00-0039 LF 2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	21.54	2.57
09 78 13 00-0040 LF 4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	35.64	2.83
09 78 13 00-0041 LF 4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	40.35	2.83
09 78 13 00-0042 LF 6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	49.75	3.09
09 78 13 00-0043 LF 8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel Wall Base.....	64.02	3.43
09 78 13 00-0044 EA 2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	44.98	5.14
09 78 13 00-0045 EA 4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	66.36	5.66
09 78 13 00-0046 EA 4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	73.87	5.66
09 78 13 00-0047 EA 6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	87.74	6.17
09 78 13 00-0048 EA 8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Inside Corner.....	109.57	6.86
09 78 13 00-0049 EA 2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	78.93	5.14
09 78 13 00-0050 EA 4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	100.32	5.66
09 78 13 00-0051 EA 4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	107.97	5.66
09 78 13 00-0052 EA 6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	121.73	6.17
09 78 13 00-0053 EA 8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Inside Corner.....	143.46	6.86

09 Finishes**09 70 Wall Finishes****09 78 Interior Wall Paneling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 78 13 00-0054	EA		2" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	44.98	5.14
09 78 13 00-0055	EA		4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	66.36	5.66
09 78 13 00-0056	EA		4-3/4" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	73.87	5.66
09 78 13 00-0057	EA		6" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	87.74	6.17
09 78 13 00-0058	EA		8" Height, 16 Gauge, Stainless Steel Straight 12" x 12" Outside Corner	109.57	6.86
09 78 13 00-0059	EA		2" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	92.51	5.14
09 78 13 00-0060	EA		4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	113.90	5.66
09 78 13 00-0061	EA		4-3/4" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	121.56	5.66
09 78 13 00-0062	EA		6" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	135.33	6.17
09 78 13 00-0063	EA		8" Height, 16 Gauge, 1/4" Cove Bend Stainless Steel 12" x 12" Outside Corner	157.10	6.86

09 80 Acoustic Treatment (09)**09 81 Acoustic Insulation** (09 80)**09 81 16 Acoustic Blanket Insulation** (09 81)

09 81 16 00-0001			Sound Attenuation Fire Blankets (SAFB) <small>(09 81 16)</small> Note: Mineral wool		
09 81 16 00-0002			2.5 PCF Density, Sound Attenuation Fire Blankets (SAFB) <small>(09 81 16 00-0001)</small>		
09 81 16 00-0003	SF		1-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.00	0.34
09 81 16 00-0004	SF		2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.15	0.34
09 81 16 00-0005	SF		2-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.25	0.34
09 81 16 00-0006	SF		3" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.55	0.34
09 81 16 00-0007	SF		3-1/2" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.60	0.34
09 81 16 00-0008	SF		4" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	2.78	0.34
09 81 16 00-0009	SF		5" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.03	0.34
09 81 16 00-0010	SF		6" Thick, 2.5 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	3.31	0.34

09 81 16 00-0011			4 PCF Density, Sound Attenuation Fire Blankets (SAFB) <small>(09 81 16 00-0001)</small>		
09 81 16 00-0012	SF		1" Thick, 4 PCF Density, Sound Attenuation Fire Blanket (Thermafiber SAFB)	1.95	0.34

09 81 16 00-0013			Fiberglass Sound Attenuation Blankets <small>(09 81 16)</small> Note: (Insul-Quilt)		
09 81 16 00-0014	SF		2" Fiberglass Core Blanket, Faced With fiberglass Cloth And Backed With A Flame-Proof Foil (Insul-Quilt)	8.35	0.35

09 81 16 00-0015			Sound Attenuation Batts <small>(09 81 16)</small> Note: NoiseReducer® by Certaineed, Quitezone® by Owens Corning, Sound-Shield® by Johns Mansville.		
09 81 16 00-0016	SF		2-1/2" Thick, Unfaced Sound Attenuation Batt	1.20	0.45
09 81 16 00-0017	SF		3-1/2" Thick, Unfaced Sound Attenuation Batt	1.28	0.45
09 81 16 00-0018	SF		3-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.39	0.45
09 81 16 00-0019	SF		5-1/2" Thick, Unfaced Sound Attenuation Batt	1.56	0.45
09 81 16 00-0020	SF		5-1/2" Thick, Kraft Faced Sound Attenuation Batt	1.61	0.45
09 81 16 00-0021	SF		6-1/4" Thick, Unfaced Sound Attenuation Batt	1.59	0.45
09 81 16 00-0022	SF		6-1/4" Thick, Kraft Faced Sound Attenuation Batt	1.65	0.45

09 84 Acoustic Room Components (09 80)**09 84 13 Fixed Sound-Absorptive Panels** (09 84)

09 84 13 00-0001			Sound Absorbing Panels And Attenuation Blankets <small>(09 84 13)</small> Note: No backs, 3" thick modular, ceiling or wall hung back. Excludes ceiling suspension systems and wall furring system.		
09 84 13 00-0002	SF		3" Thick Perforated Steel Sound Absorbing Panel Painted, No Back With Fiberglass Or Mineral Filler	12.26	2.28
09 84 13 00-0003	SF		1" Thick Fiberglass Sound Absorbing Panels With Glass Cloth Face For Walls	18.09	2.28

09 84 13 00-0004			Sound Absorbing Acoustical Wall Panel System <small>(09 84 13)</small> See CSI section 06 11 16 00-0211 for wood furring.		
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09 84 13 00-0005			Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) <small>(09 84 13 00-0004)</small> Note: Includes tackable surface, molding and mounting hardware for flush mount.		
09 84 13 00-0006	SF		5/8" Panel Thickness, Vinyl Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Signature Vinyl)	14.40	2.57
09 84 13 00-0007	SF		3/4" Panel Thickness, Composed Fabric Surface (Non-Woven), Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Rhythms®)	13.30	2.57
09 84 13 00-0008	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 FR-701)	16.75	2.57
09 84 13 00-0009	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Lido™)	16.78	2.57
09 84 13 00-0010	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Spine™)	18.53	2.57
09 84 13 00-0011	SF		3/4" Panel Thickness, Woven Fabric Surface, Mineral Fiber Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 60 Zirconia™)	18.53	2.57

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 84 13 00-0012 Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak®) <small>(09 84 13 00-0004)</small>		
<i>Note: Includes molding and mounting hardware for flush mount.</i>		
09 84 13 00-0013 SF 1" Panel Thickness, Composed Fabric Surface (Non-Woven), Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Rhythms®).....	16.80	2.57
09 84 13 00-0014 SF 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 FR-701)	19.65	2.57
09 84 13 00-0015 SF 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Lido™)	19.65	2.57
09 84 13 00-0016 SF 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Spinel™).....	22.49	2.57
09 84 13 00-0017 SF 1" Panel Thickness, Woven Fabric Surface, Fiberglass Substrate, Sound Absorbing Acoustical Wall Panel System (Armstrong® Soundsoak® 85 Zirconia™).....	22.49	2.57
09 84 13 00-0018 Fabritec Acoustical Wall Panels (Guilford) <small>(09 84 13 00-0004)</small>		
09 84 13 00-0019 EA 24" x 48" x 1-1/2" Thick Fabritec Acoustical Wall Panels.....	261.35	28.56
<i>Note: Guilford FR701.</i>		
09 84 13 00-0020 Sound Absorbing Panel, Eggcrate Style <small>(09 84 13)</small>		
<i>Note: Ceiling or wall hung back.</i>		
09 84 13 00-0021 SF 2" Thick Polyurethane Sound Wave (Eggcrate Style).....	11.03	
<i>For Pyramid Style, Add</i>		1.18
09 84 13 00-0022 SF 3" Thick Polyurethane Sound Wave (Eggcrate Style).....	14.52	
<i>For Pyramid Style, Add</i>		1.18
09 84 13 00-0023 SF 4" Thick Polyurethane Sound Wave (Eggcrate Style).....	18.91	
<i>For Pyramid Style, Add</i>		1.18
09 84 13 00-0024 SF 2" Thick Melamine Sound Wave (Eggcrate Style)	14.25	
<i>For Eggcrate Style With Hypalon Coating, Add</i>		1.97
<i>For Pyramid Style, Add</i>		2.05
<i>For Pyramid Style With Hypalon Coating, Add</i>		4.02
09 84 13 00-0025 SF 3" Thick Melamine Sound Wave (Eggcrate Style)	27.98	
<i>For Eggcrate Style With Hypalon Coating, Add</i>		1.97
<i>For Pyramid Style, Add</i>		0.42
<i>For Pyramid Style With Hypalon Coating, Add</i>		2.40
09 84 13 00-0026 SF 4" Thick Melamine Sound Wave (Eggcrate Style)	35.76	
<i>For Eggcrate Style With Hypalon Coating, Add</i>		1.97
<i>For Pyramid Style, Add</i>		0.42
<i>For Pyramid Style With Hypalon Coating, Add</i>		2.40
09 84 13 00-0027 Sound Deadening Fiberboard <small>(09 84 13)</small>		
09 84 13 00-0028 SF 1/2" Sound Deadening Fiberboard	1.56	0.57
<i>For Horizontal Installation Up To 10' High, Add</i>		0.35
<i>For Horizontal Installation >10' High, Add</i>		0.52
<i>For Walls >10' High, Add</i>		0.08
<i>For Up To 128, Add</i>		0.52
<i>For >128 To 320, Add</i>		0.31
09 84 23 Moveable Sound-Absorptive Panels <small>(09 84)</small>		
09 84 23 00-0001 Double Faced Quilted Fiberglass Panel <small>(09 84 23)</small>		
09 84 23 00-0002 SF 2" Thick, Double Faced Quilted Fiberglass Panel.....	10.28	0.57
<i>Note: Installed vertically between underside of slab down to ceiling grid.</i>		

09 90 Painting and Coating (09)

Note: Includes masking, safety signs, cleaning of area (dry wiping down walls, floors, doors, etc.), removal of loose paint (paint, caulk, etc.), feathering rough edges, sanding between coats, protective work to contain dust and paint splatters (drop cloths), unless otherwise noted, removal and reinstallation of cabinet hardware, switch covers and outlet plates, equipment to place paint and ladders. New construction work additionally includes filling knots, divots, depressions, holes (screw and nail holes in drywall to 1/4" diameter of unlimited quantity). All work designated as "brush/roller" includes brush work for cut and roller work up to cut in. See CSI section 01 56 16 00-0001 for temporary plastic sheeting to protect existing equipment or materials, 07 92 00 00-0000 for caulking where required, 09 01 20 00-0000 for severely damaged surface preparation in excess of items included above, hand scrape, pressure washing and chemical cleaning where required, 09 29 10 00-0037 for finishing existing wall surfaces or small holes not requiring patching in excess of items included above.

09 91 Painting (09 90)

09 91 13 Exterior Painting (09 91)

Note: Acrylic latex paint unless otherwise stated. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss.

09 91 13 00-0001	Paint Exterior Walls/Siding	<small>(09 91 13)</small>
09 91 13 00-0002	Paint Exterior Brick Walls	<small>(09 91 13 00-0001)</small>

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0003	SF	1 Coat Filler, Brush Work, Paint Exterior Brick Walls.....	0.89	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.39	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.55	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 13 00-0004	SF	1 Coat Paint, Brush Work, Paint Exterior Brick Walls.....	1.28	
		<i>For Oil Based Paint, Add</i>	0.08	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.16	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.42	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.58	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.82	
		<i>For >100 To 250, Add</i>	0.39	
		<i>For >250 To 500, Add</i>	0.17	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.13	
		<i>For >10,000 To 20,000, Deduct</i>	-0.19	
		<i>For >20,000, Deduct</i>	-0.26	
09 91 13 00-0005	SF	2 Coats Paint, Brush Work, Paint Exterior Brick Walls.....	1.86	
		<i>For Oil Based Paint, Add</i>	0.12	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.21	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.56	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.78	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.13	
		<i>For >100 To 250, Add</i>	0.54	
		<i>For >250 To 500, Add</i>	0.23	
		<i>For >2,500 To 5,000, Deduct</i>	-0.09	
		<i>For >5,000 To 10,000, Deduct</i>	-0.19	
		<i>For >10,000 To 20,000, Deduct</i>	-0.28	
		<i>For >20,000, Deduct</i>	-0.37	
09 91 13 00-0006	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Brick Walls.....	0.61	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.34	
		<i>For >100 To 250, Add</i>	0.17	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.09	
		<i>For >20,000, Deduct</i>	-0.12	
09 91 13 00-0007	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Brick Walls.....	1.01	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.40	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.58	
		<i>For >100 To 250, Add</i>	0.28	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0008 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Brick Walls.....	1.51	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.54	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.82	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.30	
09 91 13 00-0009 SF 1 Coat Filler, Sprayed, Paint Exterior Brick Walls.....	0.59	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.05	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.09	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.14	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.20	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0010 SF 1 Coat Paint, Sprayed, Paint Exterior Brick Walls.....	0.61	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.04	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.07	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.12	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.16	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.27	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.12	
09 91 13 00-0011 SF 2 Coats Paint, Sprayed, Paint Exterior Brick Walls.....	1.29	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.64	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.26	
09 91 13 00-0012 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Brick Walls.....	0.21	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.07	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.13	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	

09 91 13 00-0013 Paint Exterior Concrete Walls (09 91 13 00-0001)

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0014	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.76	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.33	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91	13 00-0015	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Walls	0.82	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.38	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.54	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91	13 00-0016	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Walls	1.55	
			For Oil Based Paint, Add	0.09	
			For Epoxy Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.19	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.32	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.52	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.71	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.01	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.16	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.31	
09 91	13 00-0017	SF	1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Walls	0.62	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.07	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.12	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.18	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.25	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.37	
			For >100 To 250, Add	0.18	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.09	
			For >20,000, Deduct	-0.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0018 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Walls	0.69	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 13 00-0019 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Walls.....	1.18	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0020 SF 1 Coat Filler, Sprayed, Paint Exterior Concrete Walls	0.53	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.05	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.09	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.14	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.19	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.28	
For >100 To 250, Add	0.14	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
09 91 13 00-0021 SF 1 Coat Paint, Sprayed, Paint Exterior Concrete Walls	0.48	
For Oil Based Paint, Add	0.03	
For Epoxy Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.05	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.08	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.13	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.18	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.26	
For >100 To 250, Add	0.13	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.10	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0022	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Walls	0.85	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.13	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.21	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.29	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.45	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
09 91	13 00-0023	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Walls	0.13	
			For Oil Based Paint, Add	0.01	
			For Epoxy Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.02	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.03	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.04	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.06	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.09	
			For >100 To 250, Add	0.04	
			For >250 To 500, Add	0.02	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.01	
			For >10,000 To 20,000, Deduct	-0.02	
			For >20,000, Deduct	-0.03	
09 91	13 00-0024		Paint Exterior Concrete Block Walls (09 91 13 00-0001)		
09 91	13 00-0025		Paint Exterior Concrete Block Walls, Epoxy Paint (09 91 13 00-0024)		
09 91	13 00-0026	LF	1 Coat Epoxy Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls.....	0.20	
			For Work >15' To 20' Above Floor, Add	0.02	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.04	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.06	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.08	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.12	
			For >100 To 250, Add	0.06	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.03	
			For >20,000, Deduct	-0.04	
09 91	13 00-0027	SF	1 Coat Epoxy Filler, Brush Work, Paint Exterior Concrete Block Walls.....	1.07	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.63	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91	13 00-0028	SF	1 Coat Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls.....	1.22	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.37	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.51	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.74	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0029 SF 2 Coats Epoxy Paint, Brush Work, Paint Exterior Concrete Block Walls.....	2.15	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.39	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.63	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.86	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.26	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.43	
09 91 13 00-0030 SF 1 Coat Epoxy Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	0.89	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.33	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 13 00-0031 SF 1 Coat Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	0.98	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.38	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0032 SF 2 Coats Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.75	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.29	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.47	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.64	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
09 91 13 00-0033 SF 1 Coat Epoxy Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.72	
For Work >15' To 20' Above Floor, Add	0.05	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.09	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.14	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.20	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0034	SF	1 Coat Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls	0.79	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.38	
		<i>For >100 To 250, Add</i>	0.19	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.16	
09 91 13 00-0035	SF	2 Coats Epoxy Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.53	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.32	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.43	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.70	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.16	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.15	
		<i>For >10,000 To 20,000, Deduct</i>	-0.23	
		<i>For >20,000, Deduct</i>	-0.31	
09 91 13 00-0036		Paint Exterior Concrete Block Walls, Acrylic Latex Paint (09 91 13 00-0024)		
09 91 13 00-0037	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Block Walls	0.97	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.31	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.43	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.61	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 13 00-0038	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Block Walls	1.16	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.36	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.50	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.71	
		<i>For >100 To 250, Add</i>	0.34	
		<i>For >250 To 500, Add</i>	0.15	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.12	
		<i>For >10,000 To 20,000, Deduct</i>	-0.17	
		<i>For >20,000, Deduct</i>	-0.23	
09 91 13 00-0039	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Block Walls	2.13	
		<i>For Oil Based Paint, Add</i>	0.13	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.40	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.64	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.89	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.29	
		<i>For >100 To 250, Add</i>	0.62	
		<i>For >250 To 500, Add</i>	0.27	
		<i>For >2,500 To 5,000, Deduct</i>	-0.11	
		<i>For >5,000 To 10,000, Deduct</i>	-0.21	
		<i>For >10,000 To 20,000, Deduct</i>	-0.32	
		<i>For >20,000, Deduct</i>	-0.43	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0040 SF 1 Coat Texture Paint, Brush Work, Paint Exterior Concrete Block Walls.....	1.30	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	
09 91 13 00-0041 SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	0.77	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.23	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	
09 91 13 00-0042 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	0.99	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.59	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0043 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.72	
For Oil Based Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.66	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.98	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.34	
09 91 13 00-0044 SF 1 Coat Texture Paint, Brush/Roller Work, Paint Exterior Concrete Block Walls.....	1.11	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.66	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0045	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Block Walls.....	0.74	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.07	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.12	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.19	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.26	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.40	
			For >100 To 250, Add	0.19	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91	13 00-0046	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Block Walls.....	0.78	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.07	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.12	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.18	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.25	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.39	
			For >100 To 250, Add	0.19	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91	13 00-0047	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.20	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.45	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.67	
			For >100 To 250, Add	0.32	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91	13 00-0048	SF	1 Coat Texture Paint, Sprayed, Paint Exterior Concrete Block Walls.....	1.01	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.16	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.25	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.52	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91	13 00-0049	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Block Walls.....	0.19	
			For Oil Based Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.02	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.04	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.06	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.08	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.12	
			For >100 To 250, Add	0.06	
			For >250 To 500, Add	0.02	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.03	
			For >20,000, Deduct	-0.04	

09 91 13 00-0050 Paint Exterior Drywall/Plaster Walls (09 91 13 00-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0051 SF 1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Wall.....	0.78	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.25	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
For Epoxy Paint, Add	0.09	
09 91 13 00-0052 SF 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Walls	0.85	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
For Epoxy Paint, Add	0.08	
09 91 13 00-0053 SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Walls.....	1.56	
For Oil Based Paint, Add	0.09	
For Orange Peel Finish, Add	0.22	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.52	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.72	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.01	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
For Epoxy Paint, Add	0.16	
09 91 13 00-0054 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls.....	0.63	
For Oil Based Paint, Add	0.04	
For Orange Peel Finish, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.13	
For Epoxy Paint, Add	0.08	

09 Finishes**09 90 Painting and Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0055	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	0.63	
		For Oil Based Paint, Add	0.04	
		For Orange Peel Finish, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.08	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.13	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.20	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.28	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.39	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.09	
		For >20,000, Deduct	-0.13	
		For Epoxy Paint, Add	0.07	
09 91 13 00-0056	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Walls	1.15	
		For Oil Based Paint, Add	0.07	
		For Orange Peel Finish, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.13	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.22	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.36	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.49	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.71	
		For >100 To 250, Add	0.34	
		For >250 To 500, Add	0.15	
		For >2,500 To 5,000, Deduct	-0.06	
		For >5,000 To 10,000, Deduct	-0.12	
		For >10,000 To 20,000, Deduct	-0.17	
		For >20,000, Deduct	-0.23	
		For Epoxy Paint, Add	0.14	
09 91 13 00-0057	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Walls	0.53	
		For Oil Based Paint, Add	0.04	
		For Work >15' To 20' Above Floor, Add	0.05	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.09	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.14	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.19	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.28	
		For >100 To 250, Add	0.14	
		For >250 To 500, Add	0.06	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.05	
		For >10,000 To 20,000, Deduct	-0.08	
		For >20,000, Deduct	-0.11	
		For Epoxy Paint, Add	0.08	
09 91 13 00-0058	SF	1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Walls	0.56	
		For Oil Based Paint, Add	0.04	
		For Work >15' To 20' Above Floor, Add	0.06	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.10	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.16	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.22	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.32	
		For >100 To 250, Add	0.16	
		For >250 To 500, Add	0.07	
		For >2,500 To 5,000, Deduct	-0.03	
		For >5,000 To 10,000, Deduct	-0.06	
		For >10,000 To 20,000, Deduct	-0.08	
		For >20,000, Deduct	-0.11	
		For Epoxy Paint, Add	0.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0059 SF 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Walls.....	0.93	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.51	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
For Epoxy Paint, Add	0.14	
09 91 13 00-0060 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Walls.....	0.14	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.03	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.05	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.07	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.09	
For >100 To 250, Add	0.04	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
For Epoxy Paint, Add	0.01	
 09 91 13 00-0061 Paint Exterior Metal Walls (09 91 13 00-0061)		
09 91 13 00-0062 Paint Exterior Galvanized Walls (09 91 13 00-0061)		
Note: Linseed oil or acrylic latex paint.		
09 91 13 00-0063 SF 1 Coat Primer, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.00	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0064 SF 1 Coat Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces.....	1.10	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0065	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Wall Surfaces	2.02	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.21	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.56	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.78	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.15	
		<i>For >100 To 250, Add</i>	0.55	
		<i>For >250 To 500, Add</i>	0.24	
		<i>For >2,500 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.20	
		<i>For >10,000 To 20,000, Deduct</i>	-0.30	
		<i>For >20,000, Deduct</i>	-0.40	
09 91 13 00-0066	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Walls.....	0.76	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.28	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.42	
		<i>For >100 To 250, Add</i>	0.20	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.15	
09 91 13 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Walls.....	0.86	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 13 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Walls	1.63	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.61	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.91	
		<i>For >100 To 250, Add</i>	0.44	
		<i>For >250 To 500, Add</i>	0.19	
		<i>For >2,500 To 5,000, Deduct</i>	-0.08	
		<i>For >5,000 To 10,000, Deduct</i>	-0.16	
		<i>For >10,000 To 20,000, Deduct</i>	-0.24	
		<i>For >20,000, Deduct</i>	-0.33	
09 91 13 00-0069	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Walls	0.65	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.05	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.08	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.28	
		<i>For >100 To 250, Add</i>	0.14	
		<i>For >250 To 500, Add</i>	0.06	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.10	
		<i>For >20,000, Deduct</i>	-0.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0070 SF 1 Coat Paint, Sprayed, Paint Exterior Galvanized Walls.....	0.83	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.17	
09 91 13 00-0071 SF 2 Coats Paint, Sprayed, Paint Exterior Galvanized Walls.....	1.42	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 13 00-0072 Paint Exterior Aluminum And Aluminum Alloy Walls (09 91 13 00-0061)		
Note: Alkyd enamel paint.		
09 91 13 00-0073 SF 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces.....	1.00	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.28	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.39	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 13 00-0074 SF 1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces.....	1.10	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 13 00-0075 SF 2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Wall Surfaces.....	2.01	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.78	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.15	
For >100 To 250, Add	0.55	
For >250 To 500, Add	0.24	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.40	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0076	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.85	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.43	
			<i>For >100 To 250, Add</i>	0.21	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.17	
09 91	13 00-0077	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	0.95	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	
09 91	13 00-0078	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Walls	1.81	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.61	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.94	
			<i>For >100 To 250, Add</i>	0.46	
			<i>For >250 To 500, Add</i>	0.20	
			<i>For >2,500 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.18	
			<i>For >10,000 To 20,000, Deduct</i>	-0.27	
			<i>For >20,000, Deduct</i>	-0.36	
09 91	13 00-0079	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls	0.71	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.05	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.20	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.32	
			<i>For >100 To 250, Add</i>	0.16	
			<i>For >250 To 500, Add</i>	0.07	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.11	
			<i>For >20,000, Deduct</i>	-0.14	
09 91	13 00-0080	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	0.83	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.41	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0081 SF 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Walls.....	1.42	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 13 00-0082 Paint Exterior Aluminum And Aluminum Alloy Roof Stacks (09 91 13 00-0061)		
09 91 13 00-0083 LF 1 Coat Primer, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	12.53	
For Work >15' To 20' Above Floor, Add	1.62	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	2.70	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	4.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	5.93	
Note: Applied only to work area above 40'.		
For Up To 100, Add	8.35	
For >100 To 250, Add	3.95	
For >250 To 500, Add	1.71	
For >2,500 To 5,000, Deduct	-0.63	
For >5,000 To 10,000, Deduct	-1.25	
For >10,000 To 20,000, Deduct	-1.88	
For >20,000, Deduct	-2.51	
09 91 13 00-0084 LF 1 Coat Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	13.95	
For Work >15' To 20' Above Floor, Add	1.80	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	3.00	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	4.80	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	6.59	
Note: Applied only to work area above 40'.		
For Up To 100, Add	9.29	
For >100 To 250, Add	4.39	
For >250 To 500, Add	1.90	
For >2,500 To 5,000, Deduct	-0.70	
For >5,000 To 10,000, Deduct	-1.40	
For >10,000 To 20,000, Deduct	-2.09	
For >20,000, Deduct	-2.79	
09 91 13 00-0085 LF 2 Coats Paint, Paint Exterior Aluminum And Aluminum Alloy Roof Stack With Heat Resistant Paint, Per LF Of Stack.....	26.02	
For Work >15' To 20' Above Floor, Add	3.38	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	5.64	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	9.02	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	12.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	17.43	
For >100 To 250, Add	8.24	
For >250 To 500, Add	3.56	
For >2,500 To 5,000, Deduct	-1.30	
For >5,000 To 10,000, Deduct	-2.60	
For >10,000 To 20,000, Deduct	-3.90	
For >20,000, Deduct	-5.20	
09 91 13 00-0086 Paint Exterior Corrugated Metal Walls (09 91 13 00-0061)		

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0087	SF	1	Coat Primer, Sprayed, Paint Exterior Corrugated Metal Walls.....	0.80	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.36	
			<i>For >100 To 250, Add</i>	0.18	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.16	
09 91 13 00-0088	SF	1	Coat Paint, Sprayed, Paint Exterior Corrugated Metal Walls.....	1.05	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.55	
			<i>For >100 To 250, Add</i>	0.27	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.16	
			<i>For >20,000, Deduct</i>	-0.21	
09 91 13 00-0089	SF	2	Coats Paint, Sprayed, Paint Exterior Corrugated Metal Walls.....	1.76	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.53	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.84	
			<i>For >100 To 250, Add</i>	0.42	
			<i>For >250 To 500, Add</i>	0.18	
			<i>For >2,500 To 5,000, Deduct</i>	-0.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.18	
			<i>For >10,000 To 20,000, Deduct</i>	-0.26	
			<i>For >20,000, Deduct</i>	-0.35	
09 91 13 00-0090			Paint Exterior Stucco Walls <small>(09 91 13 00-0001)</small>		
09 91 13 00-0091	SF	1	Coat Primer, Brush Work, Paint Exterior Stucco Wall Surfaces.....	1.30	
			<i>For Oil Based Paint, Add</i>	0.07	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.61	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.86	
			<i>For >100 To 250, Add</i>	0.41	
			<i>For >250 To 500, Add</i>	0.18	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.13	
			<i>For >10,000 To 20,000, Deduct</i>	-0.20	
			<i>For >20,000, Deduct</i>	-0.26	
09 91 13 00-0092	SF	1	Coat Paint, Brush Work, Paint Exterior Stucco Wall Surfaces.....	1.44	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.67	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.94	
			<i>For >100 To 250, Add</i>	0.45	
			<i>For >250 To 500, Add</i>	0.19	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.14	
			<i>For >10,000 To 20,000, Deduct</i>	-0.22	
			<i>For >20,000, Deduct</i>	-0.29	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	13 00-0093	SF	2 Coats Paint, Brush Work, Paint Exterior Stucco Wall Surfaces	2.66	
				<i>For Oil Based Paint, Add</i>	0.16	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.33	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.55	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.88	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	1.22	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	1.73	
				<i>For >100 To 250, Add</i>	0.82	
				<i>For >250 To 500, Add</i>	0.35	
				<i>For >2,500 To 5,000, Deduct</i>	-0.13	
				<i>For >5,000 To 10,000, Deduct</i>	-0.27	
				<i>For >10,000 To 20,000, Deduct</i>	-0.40	
				<i>For >20,000, Deduct</i>	-0.53	
	09 91	13 00-0094	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Stucco Walls.....	0.99	
				<i>For Oil Based Paint, Add</i>	0.06	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.32	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.44	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.63	
				<i>For >100 To 250, Add</i>	0.30	
				<i>For >250 To 500, Add</i>	0.13	
				<i>For >2,500 To 5,000, Deduct</i>	-0.05	
				<i>For >5,000 To 10,000, Deduct</i>	-0.10	
				<i>For >10,000 To 20,000, Deduct</i>	-0.15	
				<i>For >20,000, Deduct</i>	-0.20	
	09 91	13 00-0095	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Stucco Walls.....	1.12	
				<i>For Oil Based Paint, Add</i>	0.07	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.22	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.36	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.49	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.70	
				<i>For >100 To 250, Add</i>	0.33	
				<i>For >250 To 500, Add</i>	0.15	
				<i>For >2,500 To 5,000, Deduct</i>	-0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.11	
				<i>For >10,000 To 20,000, Deduct</i>	-0.17	
				<i>For >20,000, Deduct</i>	-0.22	
	09 91	13 00-0096	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Stucco Walls.....	2.07	
				<i>For Oil Based Paint, Add</i>	0.13	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.24	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.41	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.65	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.89	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	1.28	
				<i>For >100 To 250, Add</i>	0.61	
				<i>For >250 To 500, Add</i>	0.27	
				<i>For >2,500 To 5,000, Deduct</i>	-0.10	
				<i>For >5,000 To 10,000, Deduct</i>	-0.21	
				<i>For >10,000 To 20,000, Deduct</i>	-0.31	
				<i>For >20,000, Deduct</i>	-0.41	
	09 91	13 00-0097	SF	1 Coat Primer, Sprayed, Paint Exterior Stucco Walls	0.74	
				<i>For Oil Based Paint, Add</i>	0.05	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.13	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.20	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.28	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.42	
				<i>For >100 To 250, Add</i>	0.20	
				<i>For >250 To 500, Add</i>	0.09	
				<i>For >2,500 To 5,000, Deduct</i>	-0.04	
				<i>For >5,000 To 10,000, Deduct</i>	-0.07	
				<i>For >10,000 To 20,000, Deduct</i>	-0.11	
				<i>For >20,000, Deduct</i>	-0.15	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0098	SF	1 Coat Paint, Sprayed, Paint Exterior Stucco Walls.....	0.90	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91	13 00-0099	SF	2 Coats Paint, Sprayed, Paint Exterior Stucco Walls.....	1.73	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.30	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.48	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.67	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.99	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.26	
			For >20,000, Deduct	-0.35	
09 91	13 00-0100	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Stucco Wall Surfaces.....	0.24	
			For Oil Based Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.03	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.05	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.08	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.11	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.16	
			For >100 To 250, Add	0.07	
			For >250 To 500, Add	0.03	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.04	
			For >20,000, Deduct	-0.05	
09 91	13 00-0101		Paint Exterior Wood Siding (09 91 13 00-0001)		
09 91	13 00-0102		Paint Exterior Smooth Wood Siding (09 91 13 00-0101)		
			Note: Includes tongue and groove, beveled, drop or board and batten siding.		
09 91	13 00-0103	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Siding.....	1.10	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.35	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.48	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.69	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0104 SF 1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Siding	1.16	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.24	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.39	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.53	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.76	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 13 00-0105 SF 2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Siding.....	2.08	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.25	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.42	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.68	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.93	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.33	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.42	
09 91 13 00-0106 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	0.87	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.50	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0107 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	0.95	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.57	
For >100 To 250, Add	0.28	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0108 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Siding.....	1.78	
For Oil Based Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.53	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.73	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.07	
For >100 To 250, Add	0.51	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.36	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0109	SF	1	Coat Primer, Sprayed, Paint Exterior Smooth Wood Siding	0.69	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.36	
			<i>For >100 To 250, Add</i>	0.18	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.10	
			<i>For >20,000, Deduct</i>	-0.14	
09 91 13 00-0110	SF	1	Coat Paint, Sprayed, Paint Exterior Smooth Wood Siding	0.84	
			<i>For Oil Based Paint, Add</i>	0.06	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.23	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.47	
			<i>For >100 To 250, Add</i>	0.23	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.17	
09 91 13 00-0111	SF	2	Coats Paint, Sprayed, Paint Exterior Smooth Wood Siding	1.36	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.35	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.73	
			<i>For >100 To 250, Add</i>	0.35	
			<i>For >250 To 500, Add</i>	0.16	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.14	
			<i>For >10,000 To 20,000, Deduct</i>	-0.20	
			<i>For >20,000, Deduct</i>	-0.27	
09 91 13 00-0112	LF	1	Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Siding	0.19	
			<i>For Oil Based Paint, Add</i>	0.01	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.02	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.12	
			<i>For >100 To 250, Add</i>	0.06	
			<i>For >250 To 500, Add</i>	0.03	
			<i>For >2,500 To 5,000, Deduct</i>	-0.01	
			<i>For >5,000 To 10,000, Deduct</i>	-0.02	
			<i>For >10,000 To 20,000, Deduct</i>	-0.03	
			<i>For >20,000, Deduct</i>	-0.04	
09 91 13 00-0113			Paint Exterior Rough Wood Siding <small>(09 91 13 00-0101)</small>		
			<i>Note: Includes shingles, shakes or rough sawn siding.</i>		
09 91 13 00-0114	SF	1	Coat Primer, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	1.47	
			<i>For Oil Based Paint, Add</i>	0.09	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.67	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.95	
			<i>For >100 To 250, Add</i>	0.45	
			<i>For >250 To 500, Add</i>	0.19	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.15	
			<i>For >10,000 To 20,000, Deduct</i>	-0.22	
			<i>For >20,000, Deduct</i>	-0.29	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0115	SF		1 Coat Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding.....	1.46	
				For Oil Based Paint, Add	0.08	
				For Work >15' To 20' Above Floor, Add	0.19	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.32	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.51	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.70	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.98	
				For >100 To 250, Add	0.46	
				For >250 To 500, Add	0.20	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.15	
				For >10,000 To 20,000, Deduct	-0.22	
				For >20,000, Deduct	-0.29	
09 91	13 00-0116	SF		2 Coats Paint, Brush Work, Paint Exterior Wood Rough (Shingles, Shakes Or Rough Sawn) Siding	2.71	
				For Oil Based Paint, Add	0.16	
				For Work >15' To 20' Above Floor, Add	0.35	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.58	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.93	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	1.28	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.80	
				For >100 To 250, Add	0.85	
				For >250 To 500, Add	0.37	
				For >2,500 To 5,000, Deduct	-0.14	
				For >5,000 To 10,000, Deduct	-0.27	
				For >10,000 To 20,000, Deduct	-0.41	
				For >20,000, Deduct	-0.54	
09 91	13 00-0117	SF		1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.32	
				For Oil Based Paint, Add	0.09	
				For Work >15' To 20' Above Floor, Add	0.14	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.23	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.36	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.50	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.74	
				For >100 To 250, Add	0.36	
				For >250 To 500, Add	0.16	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.26	
09 91	13 00-0118	SF		1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.43	
				For Oil Based Paint, Add	0.09	
				For Work >15' To 20' Above Floor, Add	0.15	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.25	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.40	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.56	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.82	
				For >100 To 250, Add	0.40	
				For >250 To 500, Add	0.17	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.14	
				For >10,000 To 20,000, Deduct	-0.21	
				For >20,000, Deduct	-0.29	
09 91	13 00-0119	SF		2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	2.65	
				For Oil Based Paint, Add	0.17	
				For Work >15' To 20' Above Floor, Add	0.27	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.45	
				Note: Applied only to work area above 20'.		
				For Work >30' To 40' Above Floor, Add	0.72	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	1.00	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.48	
				For >100 To 250, Add	0.72	
				For >250 To 500, Add	0.31	
				For >2,500 To 5,000, Deduct	-0.13	
				For >5,000 To 10,000, Deduct	-0.27	
				For >10,000 To 20,000, Deduct	-0.40	
				For >20,000, Deduct	-0.53	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0120	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn).....	0.96	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.50	
		<i>For >100 To 250, Add</i>	0.25	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 13 00-0121	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	1.08	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.40	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.59	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.11	
		<i>For >10,000 To 20,000, Deduct</i>	-0.16	
		<i>For >20,000, Deduct</i>	-0.22	
09 91 13 00-0122	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Siding (Shingles, Shakes Or Rough Sawn)	2.04	
		<i>For Oil Based Paint, Add</i>	0.14	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.53	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.73	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.10	
		<i>For >100 To 250, Add</i>	0.54	
		<i>For >250 To 500, Add</i>	0.24	
		<i>For >2,500 To 5,000, Deduct</i>	-0.10	
		<i>For >5,000 To 10,000, Deduct</i>	-0.20	
		<i>For >10,000 To 20,000, Deduct</i>	-0.31	
		<i>For >20,000, Deduct</i>	-0.41	
09 91 13 00-0123		Paint Exterior Vinyl Siding <small>(09 91 13 00-0001)</small>		
09 91 13 00-0124	SF	1 Coat Primer, Brush Work, Paint Exterior Vinyl Siding.....	0.83	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.48	
		<i>For >100 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 13 00-0125	SF	1 Coat Paint, Brush Work, Paint Exterior Vinyl Siding	0.91	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.27	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.37	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.54	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0126 SF 2 Coats Paint, Brush Work, Paint Exterior Vinyl Siding	1.70	
For Oil Based Paint, Add	0.11	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.67	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.98	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.34	
09 91 13 00-0127 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Vinyl Siding.....	0.76	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0128 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Vinyl Siding.....	0.76	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 13 00-0129 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Vinyl Siding	1.42	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.75	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 13 00-0130 SF 1 Coat Primer, Sprayed, Paint Exterior Vinyl Siding	0.68	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.05	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.09	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.14	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.20	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0131	SF	1 Coat Paint, Sprayed, Paint Exterior Vinyl Siding.....	0.78	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.05	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.09	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.14	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.20	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.33	
			For >100 To 250, Add	0.17	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
09 91	13 00-0132	SF	2 Coats Paint, Sprayed, Paint Exterior Vinyl Siding.....	1.53	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.29	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.40	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.66	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.31	
09 91	13 00-0133	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Vinyl Siding.....	0.15	
			For Oil Based Paint, Add	0.01	
			For Work >15' To 20' Above Floor, Add	0.02	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.03	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.04	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.06	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.09	
			For >100 To 250, Add	0.04	
			For >250 To 500, Add	0.02	
			For >2,500 To 5,000, Deduct	-0.01	
			For >5,000 To 10,000, Deduct	-0.02	
			For >10,000 To 20,000, Deduct	-0.02	
			For >20,000, Deduct	-0.03	
09 91	13 00-0134		Paint Exterior Ceilings <small>(09 91 13)</small>		
09 91	13 00-0135		Paint Exterior Concrete Ceilings <small>(09 91 13 00-0134)</small>		
09 91	13 00-0136	SF	1 Coat Filler, Brush Work, Paint Exterior Concrete Ceiling.....	0.86	
			For Oil Based Paint, Add	0.05	
			For Epoxy Paint, Add	0.09	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0137 SF 1 Coat Paint, Brush Work, Paint Exterior Concrete Ceiling	0.93	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0138 SF 2 Coats Paint, Brush Work, Paint Exterior Concrete Ceiling.....	1.66	
For Oil Based Paint, Add	0.10	
For Epoxy Paint, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.77	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.09	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
09 91 13 00-0139 SF 1 Coat Filler, Brush/Roller Work, Paint Exterior Concrete Ceiling.....	0.67	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 13 00-0140 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	0.73	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.33	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	

09 Finishes**09 90 Painting and Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 13 00-0141	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Ceiling	1.37	
		<i>For Oil Based Paint, Add</i>	0.08	
		<i>For Epoxy Paint, Add</i>	0.15	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.61	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.14	
		<i>For >10,000 To 20,000, Deduct</i>	-0.21	
		<i>For >20,000, Deduct</i>	-0.27	
09 91 13 00-0142	SF	1 Coat Filler, Sprayed, Paint Exterior Concrete Ceiling	0.55	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Epoxy Paint, Add</i>	0.08	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.05	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.14	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.30	
		<i>For >100 To 250, Add</i>	0.15	
		<i>For >250 To 500, Add</i>	0.06	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.08	
		<i>For >20,000, Deduct</i>	-0.11	
09 91 13 00-0143	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Ceiling	0.64	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Epoxy Paint, Add</i>	0.08	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.38	
		<i>For >100 To 250, Add</i>	0.18	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.10	
		<i>For >20,000, Deduct</i>	-0.13	
09 91 13 00-0144	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Ceiling	1.04	
		<i>For Oil Based Paint, Add</i>	0.07	
		<i>For Epoxy Paint, Add</i>	0.15	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.40	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.59	
		<i>For >100 To 250, Add</i>	0.28	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.16	
		<i>For >20,000, Deduct</i>	-0.21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0145 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Ceiling.....	0.15	
<i>For Oil Based Paint, Add</i>	0.01	
<i>For Epoxy Paint, Add</i>	0.01	
<i>For Work >15' To 20' Above Floor, Add</i>	0.02	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	0.03	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	0.05	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	0.07	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	0.10	
<i>For >100 To 250, Add</i>	0.05	
<i>For >250 To 500, Add</i>	0.02	
<i>For >2,500 To 5,000, Deduct</i>	-0.01	
<i>For >5,000 To 10,000, Deduct</i>	-0.02	
<i>For >10,000 To 20,000, Deduct</i>	-0.02	
<i>For >20,000, Deduct</i>	-0.03	
09 91 13 00-0146 Drywall/Plaster <small>(09 91 13 00-0134)</small>		
09 91 13 00-0147 SF 1 Coat Primer, Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.86	
<i>For Oil Based Paint, Add</i>	0.05	
<i>For Orange Peel Finish, Add</i>	0.12	
<i>For Epoxy Paint, Add</i>	0.09	
<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	0.39	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	0.55	
<i>For >100 To 250, Add</i>	0.26	
<i>For >250 To 500, Add</i>	0.11	
<i>For >2,500 To 5,000, Deduct</i>	-0.04	
<i>For >5,000 To 10,000, Deduct</i>	-0.09	
<i>For >10,000 To 20,000, Deduct</i>	-0.13	
<i>For >20,000, Deduct</i>	-0.17	
<i>For Epoxy Paint, Add</i>	0.09	
09 91 13 00-0148 SF 1 Coat Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.93	
<i>For Oil Based Paint, Add</i>	0.05	
<i>For Orange Peel Finish, Add</i>	0.13	
<i>For Epoxy Paint, Add</i>	0.09	
<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	0.32	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	0.44	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	0.62	
<i>For >100 To 250, Add</i>	0.29	
<i>For >250 To 500, Add</i>	0.13	
<i>For >2,500 To 5,000, Deduct</i>	-0.05	
<i>For >5,000 To 10,000, Deduct</i>	-0.09	
<i>For >10,000 To 20,000, Deduct</i>	-0.14	
<i>For >20,000, Deduct</i>	-0.19	
<i>For Epoxy Paint, Add</i>	0.09	
09 91 13 00-0149 SF 2 Coats Paint, Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	1.67	
<i>For Oil Based Paint, Add</i>	0.10	
<i>For Orange Peel Finish, Add</i>	0.23	
<i>For Epoxy Paint, Add</i>	0.16	
<i>For Work >15' To 20' Above Floor, Add</i>	0.21	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	0.35	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	0.56	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	0.78	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	1.10	
<i>For >100 To 250, Add</i>	0.52	
<i>For >250 To 500, Add</i>	0.22	
<i>For >2,500 To 5,000, Deduct</i>	-0.08	
<i>For >5,000 To 10,000, Deduct</i>	-0.17	
<i>For >10,000 To 20,000, Deduct</i>	-0.25	
<i>For >20,000, Deduct</i>	-0.33	
<i>For Epoxy Paint, Add</i>	0.16	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0150	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	0.65	
			For Oil Based Paint, Add	0.04	
			For Orange Peel Finish, Add	0.09	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.07	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.12	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.20	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.27	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.39	
			For >100 To 250, Add	0.19	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.10	
			For >20,000, Deduct	-0.13	
			For Epoxy Paint, Add	0.08	
09 91	13 00-0151	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	0.73	
			For Oil Based Paint, Add	0.04	
			For Orange Peel Finish, Add	0.10	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.33	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
			For Epoxy Paint, Add	0.08	
09 91	13 00-0152	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Drywall/Plaster Ceiling.....	1.37	
			For Oil Based Paint, Add	0.08	
			For Orange Peel Finish, Add	0.19	
			For Epoxy Paint, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.17	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.28	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.44	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.61	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.27	
			For Epoxy Paint, Add	0.15	
09 91	13 00-0153	SF	1 Coat Primer, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	0.54	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.05	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.09	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.14	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.19	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.29	
			For >100 To 250, Add	0.14	
			For >250 To 500, Add	0.06	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.11	
			For Epoxy Paint, Add	0.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0154 SF 1 Coat Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling	0.64	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
For Epoxy Paint, Add	0.08	
09 91 13 00-0155 SF 2 Coats Paint, Sprayed, Paint Exterior Drywall/Plaster Ceiling.....	1.05	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
For Epoxy Paint, Add	0.15	
09 91 13 00-0156 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Drywall/Plaster Ceiling.....	0.15	
For Oil Based Paint, Add	0.01	
For Epoxy Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.03	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.05	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.07	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.10	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
For Epoxy Paint, Add	0.01	
 09 91 13 00-0157 Paint Exterior Wood Ceilings <small>(09 91 13 00-0134)</small>		
 09 91 13 00-0158 Paint Exterior Smooth Wood Ceilings <small>(09 91 13 00-0157)</small>		
09 91 13 00-0159 SF 1 Coat Primer, Brush Work, Paint Exterior Wood Smooth Ceiling.....	1.06	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.66	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0160	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	1.09	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.22	
09 91	13 00-0161	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Smooth Ceiling	2.01	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.41	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.65	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.89	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.27	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.30	
			For >20,000, Deduct	-0.40	
09 91	13 00-0162	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	0.87	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.34	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
09 91	13 00-0163	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	0.93	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91	13 00-0164	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Smooth Wood Ceiling	1.66	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.30	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.48	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.67	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.98	
			For >100 To 250, Add	0.47	
			For >250 To 500, Add	0.20	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.17	
			For >10,000 To 20,000, Deduct	-0.25	
			For >20,000, Deduct	-0.33	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	13 00-0165	SF	1 Coat Primer, Sprayed, Paint Exterior Smooth Wood Ceiling	0.67	
				<i>For Oil Based Paint, Add</i>	0.04	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.26	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.39	
				<i>For >100 To 250, Add</i>	0.19	
				<i>For >250 To 500, Add</i>	0.08	
				<i>For >2,500 To 5,000, Deduct</i>	-0.03	
				<i>For >5,000 To 10,000, Deduct</i>	-0.07	
				<i>For >10,000 To 20,000, Deduct</i>	-0.10	
				<i>For >20,000, Deduct</i>	-0.13	
	09 91	13 00-0166	SF	1 Coat Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	0.67	
				<i>For Oil Based Paint, Add</i>	0.04	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.26	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.39	
				<i>For >100 To 250, Add</i>	0.19	
				<i>For >250 To 500, Add</i>	0.08	
				<i>For >2,500 To 5,000, Deduct</i>	-0.03	
				<i>For >5,000 To 10,000, Deduct</i>	-0.07	
				<i>For >10,000 To 20,000, Deduct</i>	-0.10	
				<i>For >20,000, Deduct</i>	-0.13	
	09 91	13 00-0167	SF	2 Coats Paint, Sprayed, Paint Exterior Smooth Wood Ceiling	1.23	
				<i>For Oil Based Paint, Add</i>	0.08	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.21	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.34	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.46	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.69	
				<i>For >100 To 250, Add</i>	0.33	
				<i>For >250 To 500, Add</i>	0.15	
				<i>For >2,500 To 5,000, Deduct</i>	-0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.12	
				<i>For >10,000 To 20,000, Deduct</i>	-0.18	
				<i>For >20,000, Deduct</i>	-0.25	
	09 91	13 00-0168	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Smooth Ceiling	0.18	
				<i>For Oil Based Paint, Add</i>	0.01	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.02	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.04	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.06	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.08	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.12	
				<i>For >100 To 250, Add</i>	0.06	
				<i>For >250 To 500, Add</i>	0.02	
				<i>For >2,500 To 5,000, Deduct</i>	-0.01	
				<i>For >5,000 To 10,000, Deduct</i>	-0.02	
				<i>For >10,000 To 20,000, Deduct</i>	-0.03	
				<i>For >20,000, Deduct</i>	-0.04	
	09 91	13 00-0169		Paint Exterior Rough Wood Ceilings (09 91 13 00-0157)		
	09 91	13 00-0170	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Rough Ceiling	1.58	
				<i>For Oil Based Paint, Add</i>	0.10	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.19	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.32	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.50	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.69	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.99	
				<i>For >100 To 250, Add</i>	0.47	
				<i>For >250 To 500, Add</i>	0.21	
				<i>For >2,500 To 5,000, Deduct</i>	-0.08	
				<i>For >5,000 To 10,000, Deduct</i>	-0.16	
				<i>For >10,000 To 20,000, Deduct</i>	-0.24	
				<i>For >20,000, Deduct</i>	-0.32	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 13 00-0171	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Rough Ceiling	1.60	
		For Oil Based Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.21	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.35	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.56	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.78	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.09	
		For >100 To 250, Add	0.51	
		For >250 To 500, Add	0.22	
		For >2,500 To 5,000, Deduct	-0.08	
		For >5,000 To 10,000, Deduct	-0.16	
		For >10,000 To 20,000, Deduct	-0.24	
		For >20,000, Deduct	-0.32	
09 91 13 00-0172	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Rough Ceiling	2.81	
		For Oil Based Paint, Add	0.16	
		For Work >15' To 20' Above Floor, Add	0.36	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.61	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.97	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.33	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.87	
		For >100 To 250, Add	0.89	
		For >250 To 500, Add	0.38	
		For >2,500 To 5,000, Deduct	-0.14	
		For >5,000 To 10,000, Deduct	-0.28	
		For >10,000 To 20,000, Deduct	-0.42	
		For >20,000, Deduct	-0.56	
09 91 13 00-0173	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	1.43	
		For Oil Based Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.15	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.25	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.40	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.56	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.82	
		For >100 To 250, Add	0.40	
		For >250 To 500, Add	0.17	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.21	
		For >20,000, Deduct	-0.29	
09 91 13 00-0174	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	1.53	
		For Oil Based Paint, Add	0.10	
		For Work >15' To 20' Above Floor, Add	0.17	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.28	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.44	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.61	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.90	
		For >100 To 250, Add	0.43	
		For >250 To 500, Add	0.19	
		For >2,500 To 5,000, Deduct	-0.08	
		For >5,000 To 10,000, Deduct	-0.15	
		For >10,000 To 20,000, Deduct	-0.23	
		For >20,000, Deduct	-0.31	
09 91 13 00-0175	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Rough Wood Ceiling.....	2.74	
		For Oil Based Paint, Add	0.18	
		For Work >15' To 20' Above Floor, Add	0.29	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.48	
		Note: Applied only to work area above 20'.		
		For Work >30' To 40' Above Floor, Add	0.76	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	1.05	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.55	
		For >100 To 250, Add	0.75	
		For >250 To 500, Add	0.33	
		For >2,500 To 5,000, Deduct	-0.14	
		For >5,000 To 10,000, Deduct	-0.27	
		For >10,000 To 20,000, Deduct	-0.41	
		For >20,000, Deduct	-0.55	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	13 00-0176	SF	1 Coat Primer, Sprayed, Paint Exterior Rough Wood Ceiling	1.08	
				<i>For Oil Based Paint, Add</i>	0.07	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.40	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.59	
				<i>For >100 To 250, Add</i>	0.29	
				<i>For >250 To 500, Add</i>	0.13	
				<i>For >2,500 To 5,000, Deduct</i>	-0.05	
				<i>For >5,000 To 10,000, Deduct</i>	-0.11	
				<i>For >10,000 To 20,000, Deduct</i>	-0.16	
				<i>For >20,000, Deduct</i>	-0.22	
	09 91	13 00-0177	SF	1 Coat Paint, Sprayed, Paint Exterior Rough Wood Ceiling	1.19	
				<i>For Oil Based Paint, Add</i>	0.08	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.21	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.33	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.46	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.68	
				<i>For >100 To 250, Add</i>	0.33	
				<i>For >250 To 500, Add</i>	0.14	
				<i>For >2,500 To 5,000, Deduct</i>	-0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.12	
				<i>For >10,000 To 20,000, Deduct</i>	-0.18	
				<i>For >20,000, Deduct</i>	-0.24	
	09 91	13 00-0178	SF	2 Coats Paint, Sprayed, Paint Exterior Rough Wood Ceiling	2.15	
				<i>For Oil Based Paint, Add</i>	0.14	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.22	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.36	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.58	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.79	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	1.19	
				<i>For >100 To 250, Add</i>	0.58	
				<i>For >250 To 500, Add</i>	0.25	
				<i>For >2,500 To 5,000, Deduct</i>	-0.11	
				<i>For >5,000 To 10,000, Deduct</i>	-0.22	
				<i>For >10,000 To 20,000, Deduct</i>	-0.32	
				<i>For >20,000, Deduct</i>	-0.43	
	09 91	13 00-0179		Paint Exterior Metal Ceilings (09 91 13 00-0134)		
	09 91	13 00-0180		Paint Exterior Galvanized Ceilings (09 91 13 00-0179)		
				<i>Note: Linseed oil or acrylic latex paint.</i>		
	09 91	13 00-0181	SF	1 Coat Primer, Brush Work, Paint Exterior Galvanized Ceiling	1.10	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.32	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.44	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.65	
				<i>For >100 To 250, Add</i>	0.31	
				<i>For >250 To 500, Add</i>	0.14	
				<i>For >2,500 To 5,000, Deduct</i>	-0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.11	
				<i>For >10,000 To 20,000, Deduct</i>	-0.17	
				<i>For >20,000, Deduct</i>	-0.22	
	09 91	13 00-0182	SF	1 Coat Paint, Brush Work, Paint Exterior Galvanized Ceiling	1.20	
				<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
				<i>Note: Applied only to work area above 15' to 20'.</i>		
				<i>For Work >20' To 30' Above Floor, Add</i>	0.23	
				<i>Note: Applied only to work area above 20'.</i>		
				<i>For Work >30' To 40' Above Floor, Add</i>	0.36	
				<i>Note: Applied only to work area above 30' to 40'.</i>		
				<i>For Work >40' Above Floor, Add</i>	0.50	
				<i>Note: Applied only to work area above 40'.</i>		
				<i>For Up To 100, Add</i>	0.72	
				<i>For >100 To 250, Add</i>	0.35	
				<i>For >250 To 500, Add</i>	0.15	
				<i>For >2,500 To 5,000, Deduct</i>	-0.06	
				<i>For >5,000 To 10,000, Deduct</i>	-0.12	
				<i>For >10,000 To 20,000, Deduct</i>	-0.18	
				<i>For >20,000, Deduct</i>	-0.24	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 13 00-0183	SF	2 Coats Paint, Brush Work, Paint Exterior Galvanized Ceiling	2.21	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.40	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.64	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.89	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.30	
		<i>For >100 To 250, Add</i>	0.62	
		<i>For >250 To 500, Add</i>	0.27	
		<i>For >2,500 To 5,000, Deduct</i>	-0.11	
		<i>For >5,000 To 10,000, Deduct</i>	-0.22	
		<i>For >10,000 To 20,000, Deduct</i>	-0.33	
		<i>For >20,000, Deduct</i>	-0.44	
09 91 13 00-0184	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.85	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 13 00-0185	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	0.95	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.39	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.56	
		<i>For >100 To 250, Add</i>	0.27	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 13 00-0186	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Galvanized Ceiling	1.71	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.30	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.67	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.98	
		<i>For >100 To 250, Add</i>	0.47	
		<i>For >250 To 500, Add</i>	0.21	
		<i>For >2,500 To 5,000, Deduct</i>	-0.09	
		<i>For >5,000 To 10,000, Deduct</i>	-0.17	
		<i>For >10,000 To 20,000, Deduct</i>	-0.26	
		<i>For >20,000, Deduct</i>	-0.34	
09 91 13 00-0187	SF	1 Coat Primer, Sprayed, Paint Exterior Galvanized Ceiling	0.83	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 20'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.41	
		<i>For >100 To 250, Add</i>	0.20	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0188 SF 1 Coat Paint, Sprayed, Paint Exterior Galvanized Ceiling	0.94	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.32	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.50	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 13 00-0189 SF 2 Coats Paint, Sprayed, Paint Exterior Galvanized Ceiling	1.54	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.74	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 13 00-0190 Paint Exterior Aluminum And Aluminum Alloy Ceilings (09 91 13 00-0179)		
Note: Alkyd enamel paint.		
09 91 13 00-0191 SF 1 Coat Primer, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.10	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.44	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
09 91 13 00-0192 SF 1 Coat Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	1.20	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.50	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.72	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 13 00-0193 SF 2 Coats Paint, Brush Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling	2.21	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.40	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.64	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.89	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.30	
For >100 To 250, Add	0.62	
For >250 To 500, Add	0.27	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.33	
For >20,000, Deduct	-0.44	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0194	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	0.95	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	
09 91	13 00-0195	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.05	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.58	
			<i>For >100 To 250, Add</i>	0.28	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.16	
			<i>For >20,000, Deduct</i>	-0.21	
09 91	13 00-0196	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.91	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.67	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.01	
			<i>For >100 To 250, Add</i>	0.49	
			<i>For >250 To 500, Add</i>	0.22	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.19	
			<i>For >10,000 To 20,000, Deduct</i>	-0.29	
			<i>For >20,000, Deduct</i>	-0.38	
09 91	13 00-0197	SF	1 Coat Primer, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	0.83	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.41	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.17	
09 91	13 00-0198	SF	1 Coat Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	0.83	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 20'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.41	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.09	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0199 SF 2 Coats Paint, Sprayed, Paint Exterior Aluminum And Aluminum Alloy Ceiling.....	1.54	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.74	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 13 00-0200 Paint Exterior Corrugated Metal Ceilings (09 91 13 00-0179)		
09 91 13 00-0201 SF 1 Coat Primer, Sprayed, Paint Exterior Corrugated Metal Ceiling	0.92	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.45	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 13 00-0202 SF 1 Coat Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	1.05	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.36	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 13 00-0203 SF 2 Coats Paint, Sprayed, Paint Exterior Corrugated Metal Ceiling.....	1.91	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.28	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.44	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.61	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.95	
For >100 To 250, Add	0.47	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.29	
For >20,000, Deduct	-0.38	
09 91 13 00-0204 Paint Exterior Floors (09 91 13)		
09 91 13 00-0205 Paint Exterior Concrete Floors (09 91 13 00-0204)		
09 91 13 00-0206 SF 1 Coat Primer, Brush Work, Paint Exterior Concrete Floors And Decks.....	0.66	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0207	SF	1 Coat Paint, Brush Work, Paint Exterior Concrete Floors And Decks	0.73	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91	13 00-0208	SF	2 Coats Paint, Brush Work, Paint Exterior Concrete Floors And Decks.....	1.37	
			For Oil Based Paint, Add	0.08	
			For Epoxy Paint, Add	0.15	
			For Up To 100, Add	0.87	
			For >100 To 250, Add	0.41	
			For >250 To 500, Add	0.18	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.14	
			For >10,000 To 20,000, Deduct	-0.21	
			For >20,000, Deduct	-0.27	
09 91	13 00-0209	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Floors And Decks.....	0.56	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Up To 100, Add	0.32	
			For >100 To 250, Add	0.16	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.11	
09 91	13 00-0210	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	0.63	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.07	
			For Up To 100, Add	0.39	
			For >100 To 250, Add	0.19	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.09	
			For >20,000, Deduct	-0.13	
09 91	13 00-0211	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	1.04	
			For Oil Based Paint, Add	0.07	
			For Epoxy Paint, Add	0.13	
			For Up To 100, Add	0.62	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91	13 00-0212	SF	1 Coat Primer, Sprayed, Paint Exterior Concrete Floors And Decks	0.43	
			For Oil Based Paint, Add	0.03	
			For Epoxy Paint, Add	0.08	
			For Up To 100, Add	0.21	
			For >100 To 250, Add	0.10	
			For >250 To 500, Add	0.05	
			For >2,500 To 5,000, Deduct	-0.02	
			For >5,000 To 10,000, Deduct	-0.04	
			For >10,000 To 20,000, Deduct	-0.06	
			For >20,000, Deduct	-0.09	
09 91	13 00-0213	SF	1 Coat Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.52	
			For Oil Based Paint, Add	0.03	
			For Epoxy Paint, Add	0.07	
			For Up To 100, Add	0.29	
			For >100 To 250, Add	0.14	
			For >250 To 500, Add	0.06	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.05	
			For >10,000 To 20,000, Deduct	-0.08	
			For >20,000, Deduct	-0.10	
09 91	13 00-0214	SF	2 Coats Paint, Sprayed, Paint Exterior Concrete Floors And Decks.....	0.92	
			For Oil Based Paint, Add	0.06	
			For Epoxy Paint, Add	0.14	
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.24	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91	13 00-0215	SF	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	2.06	
			For Up To 100, Add	0.61	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.21	
			For >10,000 To 20,000, Deduct	-0.31	
			For >20,000, Deduct	-0.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0216 SF 1 Coat Anti-Slip Paint, Single Component Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	5.06	
For Up To 100, Add	1.06	
For >100 To 250, Add	0.63	
For >250 To 500, Add	0.30	
For >2,500 To 5,000, Deduct	-0.25	
For >5,000 To 10,000, Deduct	-0.51	
For >10,000 To 20,000, Deduct	-0.76	
For >20,000, Deduct	-1.01	
09 91 13 00-0217 SF 1 Coat Anti-Slip Paint, High Performance Epoxy Coating, Brush/Roller Work, Paint Exterior Concrete Floors And Decks	6.32	
For Up To 100, Add	1.25	
For >100 To 250, Add	0.76	
For >250 To 500, Add	0.37	
For >2,500 To 5,000, Deduct	-0.32	
For >5,000 To 10,000, Deduct	-0.63	
For >10,000 To 20,000, Deduct	-0.95	
For >20,000, Deduct	-1.26	
09 91 13 00-0218 LF 1 Coat Paint, Cut-in Brush Work, Paint Exterior Concrete Floors And Decks	0.12	
For Up To 100, Add	0.08	
For >100 To 250, Add	0.04	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.01	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.02	
09 91 13 00-0219 Paint Exterior Wood Floors (09 91 13 00-0204)	0.84	
09 91 13 00-0220 SF 1 Coat Primer, Brush Work, Paint Exterior Wood Floors And Decks	0.84	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.49	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 13 00-0221 SF 1 Coat Paint, Brush Work, Paint Exterior Wood Floors And Decks	0.89	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
09 91 13 00-0222 SF 2 Coats Paint, Brush Work, Paint Exterior Wood Floors And Decks	1.69	
For Oil Based Paint, Add	0.10	
For Up To 100, Add	1.03	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.34	
09 91 13 00-0223 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.77	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.15	
09 91 13 00-0224 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	0.83	
For Oil Based Paint, Add	0.05	
For Up To 100, Add	0.48	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.17	
09 91 13 00-0225 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Floors And Decks	1.35	
For Oil Based Paint, Add	0.09	
For Up To 100, Add	0.74	
For >100 To 250, Add	0.36	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0226	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Floors And Decks	0.55	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.30	
			<i>For >100 To 250, Add</i>	0.15	
			<i>For >250 To 500, Add</i>	0.06	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.06	
			<i>For >10,000 To 20,000, Deduct</i>	-0.08	
			<i>For >20,000, Deduct</i>	-0.11	
09 91	13 00-0227	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Floors And Decks	0.67	
			<i>For Oil Based Paint, Add</i>	0.04	
			<i>For Up To 100, Add</i>	0.39	
			<i>For >100 To 250, Add</i>	0.19	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.03	
			<i>For >5,000 To 10,000, Deduct</i>	-0.07	
			<i>For >10,000 To 20,000, Deduct</i>	-0.10	
			<i>For >20,000, Deduct</i>	-0.13	
09 91	13 00-0228	SF	2 Coats Paint, Sprayed, Paint Exterior Wood Floors And Decks	1.11	
			<i>For Oil Based Paint, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.60	
			<i>For >100 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.17	
			<i>For >20,000, Deduct</i>	-0.22	
09 91	13 00-0229	SF	1 Coat Non-Slip Paint, Brush Work, Paint Exterior Wood Floors And Decks	2.17	
			<i>For Up To 100, Add</i>	0.69	
			<i>For >100 To 250, Add</i>	0.37	
			<i>For >250 To 500, Add</i>	0.17	
			<i>For >2,500 To 5,000, Deduct</i>	-0.11	
			<i>For >5,000 To 10,000, Deduct</i>	-0.22	
			<i>For >10,000 To 20,000, Deduct</i>	-0.33	
			<i>For >20,000, Deduct</i>	-0.43	
09 91	13 00-0230	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Exterior Wood Floors And Decks	6.43	
			<i>For Up To 100, Add</i>	1.33	
			<i>For >100 To 250, Add</i>	0.80	
			<i>For >250 To 500, Add</i>	0.38	
			<i>For >2,500 To 5,000, Deduct</i>	-0.32	
			<i>For >5,000 To 10,000, Deduct</i>	-0.64	
			<i>For >10,000 To 20,000, Deduct</i>	-0.96	
			<i>For >20,000, Deduct</i>	-1.29	
09 91	13 00-0231	LF	1 Coat Paint, Cut-in Brush Work, Paint Exterior Wood Floors And Decks	0.15	
			<i>For Up To 100, Add</i>	0.09	
			<i>For >100 To 250, Add</i>	0.05	
			<i>For >250 To 500, Add</i>	0.02	
			<i>For >2,500 To 5,000, Deduct</i>	-0.01	
			<i>For >5,000 To 10,000, Deduct</i>	-0.02	
			<i>For >10,000 To 20,000, Deduct</i>	-0.02	
			<i>For >20,000, Deduct</i>	-0.03	
09 91	13 00-0232		Paint Exterior Doors And Windows <small>(09 91 13)</small>		
09 91	13 00-0233		Paint Exterior Door Frames <small>(09 91 13 00-0232)</small>		
09 91	13 00-0234	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.08	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.29	
09 91	13 00-0235	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	1.40	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.37	
09 91	13 00-0236	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door Frame And Trim	2.36	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.62	
09 91	13 00-0237	LF	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.11	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.30	
09 91	13 00-0238	LF	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	1.43	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.38	
09 91	13 00-0239	LF	2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door Frame And Trim	2.40	
			<i>For Painting Either Interior Or Exterior Only, Deduct</i>	-0.63	
09 91	13 00-0240		Paint Exterior Metal Doors <small>(09 91 13 00-0232)</small>		
09 91	13 00-0241	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door	49.73	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	4.37	
			<i>For Full Louvered Door, Add</i>	7.29	
			<i>For Electrostatic Painting, Add</i>	8.06	
			<i>For >5 To 10, Deduct</i>	-2.49	
			<i>For >10 To 25, Deduct</i>	-4.97	
			<i>For >25, Deduct</i>	-7.46	
09 91	13 00-0242	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door	49.73	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	4.37	
			<i>For Full Louvered Door, Add</i>	7.29	
			<i>For Electrostatic Painting, Add</i>	8.06	
			<i>For >5 To 10, Deduct</i>	-2.49	
			<i>For >10 To 25, Deduct</i>	-4.97	
			<i>For >25, Deduct</i>	-7.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0243 EA 2 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	90.14	
Note: One face		
<i>For Half Louvered Door, Add</i>	7.39	
<i>For Full Louvered Door, Add</i>	12.31	
<i>For Electrostatic Painting, Add</i>	15.15	
<i>For >5 To 10, Deduct</i>	-4.51	
<i>For >10 To 25, Deduct</i>	-9.01	
<i>For >25, Deduct</i>	-13.52	
09 91 13 00-0244 EA 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Door.....	89.25	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	7.84	
<i>For Full Louvered Door, Add</i>	13.07	
<i>For Electrostatic Painting, Add</i>	14.47	
<i>For >5 To 10, Deduct</i>	-4.46	
<i>For >10 To 25, Deduct</i>	-8.93	
<i>For >25, Deduct</i>	-13.39	
09 91 13 00-0245 EA 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Door.....	89.25	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	7.84	
<i>For Full Louvered Door, Add</i>	13.07	
<i>For Electrostatic Painting, Add</i>	14.47	
<i>For >5 To 10, Deduct</i>	-4.46	
<i>For >10 To 25, Deduct</i>	-8.93	
<i>For >25, Deduct</i>	-13.39	
09 91 13 00-0246 EA 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Door.....	162.40	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	13.26	
<i>For Full Louvered Door, Add</i>	22.11	
<i>For Electrostatic Painting, Add</i>	27.34	
<i>For >5 To 10, Deduct</i>	-8.12	
<i>For >10 To 25, Deduct</i>	-16.24	
<i>For >25, Deduct</i>	-24.36	
09 91 13 00-0247 EA 1 Coat Primer, Sprayed, Paint Exterior Metal Door.....	45.87	
Note: One face		
<i>For Half Louvered Door, Add</i>	3.48	
<i>For Full Louvered Door, Add</i>	5.81	
<i>For Electrostatic Painting, Add</i>	7.98	
<i>For >5 To 10, Deduct</i>	-2.29	
<i>For >10 To 25, Deduct</i>	-4.59	
<i>For >25, Deduct</i>	-6.88	
09 91 13 00-0248 EA 1 Coat Paint, Sprayed, Paint Exterior Metal Door.....	45.87	
Note: One face		
<i>For Half Louvered Door, Add</i>	3.48	
<i>For Full Louvered Door, Add</i>	5.81	
<i>For Electrostatic Painting, Add</i>	7.98	
<i>For >5 To 10, Deduct</i>	-2.29	
<i>For >10 To 25, Deduct</i>	-4.59	
<i>For >25, Deduct</i>	-6.88	
09 91 13 00-0249 EA 2 Coats Paint, Sprayed, Paint Exterior Metal Door.....	84.22	
Note: One face		
<i>For Half Louvered Door, Add</i>	5.88	
<i>For Full Louvered Door, Add</i>	9.81	
<i>For Electrostatic Painting, Add</i>	15.17	
<i>For >5 To 10, Deduct</i>	-4.21	
<i>For >10 To 25, Deduct</i>	-8.42	
<i>For >25, Deduct</i>	-12.63	
09 91 13 00-0250 EA 1 Coat Primer, Sprayed, Paint Exterior Metal Door.....	82.33	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	6.25	
<i>For Full Louvered Door, Add</i>	10.41	
<i>For Electrostatic Painting, Add</i>	14.34	
<i>For >5 To 10, Deduct</i>	-4.12	
<i>For >10 To 25, Deduct</i>	-8.23	
<i>For >25, Deduct</i>	-12.35	
09 91 13 00-0251 EA 1 Coat Paint, Sprayed, Paint Exterior Metal Door.....	82.33	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	6.25	
<i>For Full Louvered Door, Add</i>	10.41	
<i>For Electrostatic Painting, Add</i>	14.34	
<i>For >5 To 10, Deduct</i>	-4.12	
<i>For >10 To 25, Deduct</i>	-8.23	
<i>For >25, Deduct</i>	-12.35	
09 91 13 00-0252 EA 2 Coats Paint, Sprayed, Paint Exterior Metal Door.....	151.85	
Note: Both faces		
<i>For Half Louvered Door, Add</i>	10.57	
<i>For Full Louvered Door, Add</i>	17.62	
<i>For Electrostatic Painting, Add</i>	27.39	
<i>For >5 To 10, Deduct</i>	-7.59	
<i>For >10 To 25, Deduct</i>	-15.19	
<i>For >25, Deduct</i>	-22.78	
09 91 13 00-0253 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	2.34	
<i>For Electrostatic Painting, Add</i>	0.29	
09 91 13 00-0254 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	2.47	
<i>For Electrostatic Painting, Add</i>	0.32	
09 91 13 00-0255 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Overhead, Section Door, Or Roll Up Door.....	5.06	
<i>For Electrostatic Painting, Add</i>	0.64	
09 91 13 00-0256 SF 1 Coat Primer, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door.....	2.53	
<i>For Electrostatic Painting, Add</i>	0.31	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0257	SF	1 Coat Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	2.66	
			<i>For Electrostatic Painting, Add</i>	0.34	
09 91	13 00-0258	SF	2 Coats Paint, Sprayed, Paint Exterior Metal Overhead, Sectional Door, Or Roll Up Door	5.15	
			<i>For Electrostatic Painting, Add</i>	0.65	
09 91	13 00-0259		Paint Exterior Wood Doors <small>(09 91 13 00-0232)</small>		
09 91	13 00-0260	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	44.46	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	4.37	
			<i>For Full Louvered Door, Add</i>	7.29	
			<i>For >5 To 10, Deduct</i>	-2.22	
			<i>For >10 To 25, Deduct</i>	-4.45	
			<i>For >25, Deduct</i>	-6.67	
09 91	13 00-0261	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	44.46	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	4.37	
			<i>For Full Louvered Door, Add</i>	7.29	
			<i>For >5 To 10, Deduct</i>	-2.22	
			<i>For >10 To 25, Deduct</i>	-4.45	
			<i>For >25, Deduct</i>	-6.67	
09 91	13 00-0262	EA	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Door	79.66	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	7.39	
			<i>For Full Louvered Door, Add</i>	12.31	
			<i>For >5 To 10, Deduct</i>	-3.98	
			<i>For >10 To 25, Deduct</i>	-7.97	
			<i>For >25, Deduct</i>	-11.95	
09 91	13 00-0263	EA	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Door	79.78	
			Note: Both faces		
			<i>For Half Louvered Door, Add</i>	7.84	
			<i>For Full Louvered Door, Add</i>	13.07	
			<i>For >5 To 10, Deduct</i>	-3.99	
			<i>For >10 To 25, Deduct</i>	-7.98	
			<i>For >25, Deduct</i>	-11.97	
09 91	13 00-0264	EA	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Door	79.78	
			Note: Both faces		
			<i>For Half Louvered Door, Add</i>	7.84	
			<i>For Full Louvered Door, Add</i>	13.07	
			<i>For >5 To 10, Deduct</i>	-3.99	
			<i>For >10 To 25, Deduct</i>	-7.98	
			<i>For >25, Deduct</i>	-11.97	
09 91	13 00-0265	EA	2 Coats Paint, Brush Roller Work, Paint Exterior Wood Door	143.45	
			Note: Both faces		
			<i>For Half Louvered Door, Add</i>	13.26	
			<i>For Full Louvered Door, Add</i>	22.11	
			<i>For >5 To 10, Deduct</i>	-7.17	
			<i>For >10 To 25, Deduct</i>	-14.35	
			<i>For >25, Deduct</i>	-21.52	
09 91	13 00-0266	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	40.07	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	3.48	
			<i>For Full Louvered Door, Add</i>	5.81	
			<i>For >5 To 10, Deduct</i>	-2.00	
			<i>For >10 To 25, Deduct</i>	-4.01	
			<i>For >25, Deduct</i>	-6.01	
09 91	13 00-0267	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	40.07	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	3.48	
			<i>For Full Louvered Door, Add</i>	5.81	
			<i>For >5 To 10, Deduct</i>	-2.00	
			<i>For >10 To 25, Deduct</i>	-4.01	
			<i>For >25, Deduct</i>	-6.01	
09 91	13 00-0268	EA	2 Coats Paint, Sprayed, Paint Exterior Wood Door	72.71	
			Note: One face		
			<i>For Half Louvered Door, Add</i>	5.89	
			<i>For Full Louvered Door, Add</i>	9.81	
			<i>For >5 To 10, Deduct</i>	-3.64	
			<i>For >10 To 25, Deduct</i>	-7.27	
			<i>For >25, Deduct</i>	-10.91	
09 91	13 00-0269	EA	1 Coat Primer, Sprayed, Paint Exterior Wood Door	71.91	
			Note: Both faces		
			<i>For Half Louvered Door, Add</i>	6.25	
			<i>For Full Louvered Door, Add</i>	10.41	
			<i>For >5 To 10, Deduct</i>	-3.60	
			<i>For >10 To 25, Deduct</i>	-7.19	
			<i>For >25, Deduct</i>	-10.79	
09 91	13 00-0270	EA	1 Coat Paint, Sprayed, Paint Exterior Wood Door	71.91	
			Note: Both faces		
			<i>For Half Louvered Door, Add</i>	6.25	
			<i>For Full Louvered Door, Add</i>	10.41	
			<i>For >5 To 10, Deduct</i>	-3.60	
			<i>For >10 To 25, Deduct</i>	-7.19	
			<i>For >25, Deduct</i>	-10.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0271 EA 2 Coats Paint, Sprayed, Paint Exterior Wood Door	131.00	
Note: Both faces		
For Half Louvered Door, Add	10.57	
For Full Louvered Door, Add	17.62	
For >5 To 10, Deduct	-6.55	
For >10 To 25, Deduct	-13.10	
For >25, Deduct	-19.65	
09 91 13 00-0272 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.27	
09 91 13 00-0273 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	2.35	
09 91 13 00-0274 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	4.84	
09 91 13 00-0275 SF 1 Coat Primer, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.44	
09 91 13 00-0276 SF 1 Coat Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door	2.54	
09 91 13 00-0277 SF 2 Coats Paint, Sprayed, Paint Exterior Wood Overhead, Sectional Door, Or Roll Up Door.....	4.92	
 09 91 13 00-0278 Paint Exterior Metal Windows (09 91 13 00-0232)		
Note: Two finish coats paint over rust inhibitive primer.		
09 91 13 00-0279 EA Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including		
Trim	79.01	
For Electrostatic Painting, Add	9.95	
For >5 To 10, Deduct	-3.95	
For >10 To 25, Deduct	-7.90	
For >25, Deduct	-11.85	
09 91 13 00-0280 EA >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including		
Trim	96.51	
For Electrostatic Painting, Add	12.82	
For >5 To 10, Deduct	-4.83	
For >10 To 25, Deduct	-9.65	
For >25, Deduct	-14.48	
09 91 13 00-0281 EA >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including		
Trim	130.53	
For Electrostatic Painting, Add	17.55	
For >5 To 10, Deduct	-6.53	
For >10 To 25, Deduct	-13.05	
For >25, Deduct	-19.58	
09 91 13 00-0282 EA >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including		
Trim	147.02	
For Electrostatic Painting, Add	19.79	
For >5 To 10, Deduct	-7.35	
For >10 To 25, Deduct	-14.70	
For >25, Deduct	-22.05	
09 91 13 00-0283 EA >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including		
Trim	162.96	
For Electrostatic Painting, Add	21.89	
For >5 To 10, Deduct	-8.15	
For >10 To 25, Deduct	-16.30	
For >25, Deduct	-24.44	
09 91 13 00-0284 SF >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Metal Window Including Trim	5.17	
For Electrostatic Painting, Add	0.69	
 09 91 13 00-0285 Paint Exterior Wood Windows (09 91 13 00-0232)		
Note: Two finish coats paint over primer.		
09 91 13 00-0286 EA Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including		
Trim	75.51	
For >5 To 10, Deduct	-3.78	
For >10 To 25, Deduct	-7.55	
For >25, Deduct	-11.33	
09 91 13 00-0287 EA >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including		
Trim	91.10	
For >5 To 10, Deduct	-4.56	
For >10 To 25, Deduct	-9.11	
For >25, Deduct	-13.67	
09 91 13 00-0288 EA >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including		
Trim	122.84	
For >5 To 10, Deduct	-6.14	
For >10 To 25, Deduct	-12.28	
For >25, Deduct	-18.43	
09 91 13 00-0289 EA >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including		
Trim	138.33	
For >5 To 10, Deduct	-6.92	
For >10 To 25, Deduct	-13.83	
For >25, Deduct	-20.75	
09 91 13 00-0290 EA >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including		
Trim	153.41	
For >5 To 10, Deduct	-7.67	
For >10 To 25, Deduct	-15.34	
For >25, Deduct	-23.01	
09 91 13 00-0291 SF >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Exterior Wood Window Including Trim	5.12	
 09 91 13 00-0292 Paint Exterior Security Screens (09 91 13 00-0232)		
09 91 13 00-0293 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Security Screen	1.34	
For Electrostatic Painting, Add	0.18	
09 91 13 00-0294 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Security Screen	1.37	
For Electrostatic Painting, Add	0.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0295 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Security Screen..... <i>For Electrostatic Painting, Add</i>	2.26	0.28
09 91 13 00-0296 Paint Exterior Window Guards (09 91 13 00-0232)		
09 91 13 00-0297 SF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Guards	1.34	
09 91 13 00-0298 SF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	1.37	
09 91 13 00-0299 SF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Guards	2.26	
09 91 13 00-0300 Paint Exterior Window Trim (09 91 13 00-0232)		
09 91 13 00-0301 LF 1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.20	
09 91 13 00-0302 LF 1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.20	
09 91 13 00-0303 LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Window Frame And Trim	1.94	
09 91 13 00-0304 LF 1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.43	
09 91 13 00-0305 LF 1 Coat Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	1.43	
09 91 13 00-0306 LF 2 Coats Paint, Brush/Roller Work, Paint Exterior Metal Window Frame And Trim	2.41	
09 91 13 00-0307 Paint Exterior Roofing And Trim (09 91 13)		
09 91 13 00-0308 Paint Stain Or Seal Wood Roofing (09 91 13 00-0307)		
09 91 13 00-0309 SF 1 Coat Paint, Brush/Roller Work, Stain And Seal Shingles/Shake..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.72 0.88 0.43 0.19	
09 91 13 00-0310 SF 2 Coats Stain, Brush/Roller Work, Stain And Seal Shingles/Shake..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	3.16 1.60 0.78 0.35	
09 91 13 00-0311 Paint Metal Roofing (09 91 13 00-0307)		
09 91 13 00-0312 SF 1 Coat Paint, Brush/Roller Work, Paint Metal Roofing..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.80 0.37 0.18 0.08	
09 91 13 00-0313 SF 2 Coats Paint, Brush/Roller Work, Paint Metal Roofing..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.40 0.66 0.33 0.15	
09 91 13 00-0314 Paint Fascia Board (09 91 13 00-0307)		
09 91 13 00-0315 LF 1 Coat Primer, Brush/Roller Work, Paint Fascia Board..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.70 0.35 0.17 0.08	
09 91 13 00-0316 LF 1 Coat Paint, Brush/Roller Work, Paint Fascia Board..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.70 0.35 0.17 0.08	
09 91 13 00-0317 LF 2 Coats Paint, Brush/Roller Work, Paint Fascia Board..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.24 0.64 0.31 0.14	
09 91 13 00-0318 Paint Soffit (09 91 13 00-0307)		
09 91 13 00-0319 SF 1 Coat Primer, Brush/Roller Work, Paint Soffit	0.83	
<i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.37 0.19 0.08	
09 91 13 00-0320 SF 1 Coat Paint, Brush/Roller Work, Paint Soffit..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.83 0.37 0.19 0.08	
09 91 13 00-0321 SF 2 Coats Paint, Brush/Roller Work, Paint Soffit..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.43 0.66 0.33 0.15	
09 91 13 00-0322 Paint Metal Surfaces (09 91 13) Note: Tasks can be used for exterior or interior applications.		
09 91 13 00-0323 Paint Structural Steel (09 91 13 00-0322)		
09 91 13 00-0324 Paint Structural Steel, Brush Work (09 91 13 00-0323)		
09 91 13 00-0325 SF 1 Field Coat Primer, Brush/Roller Work, Paint Exterior Structural Steel	0.93	
<i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i> <i>For Epoxy Paint, Add</i>	0.58 0.28 0.12 0.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0326 SF 1 Field Coat Paint, Brush/Roller Work, Paint Exterior Structural Steel	0.82	
<i>For Up To 100, Add</i>	0.50	
<i>For >100 To 250, Add</i>	0.24	
<i>For >250 To 500, Add</i>	0.10	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0327 Paint Structural Steel, Spray Work (09 91 13 00-0323)		
09 91 13 00-0328 SF 1 Field Coat Primer, Sprayed, Paint Exterior Structural Steel.....	0.69	
<i>For Electrostatic Painting, Add</i>	0.10	
<i>For Up To 100, Add</i>	0.40	
<i>For >100 To 250, Add</i>	0.19	
<i>For >250 To 500, Add</i>	0.08	
<i>For Epoxy Paint, Add</i>	0.09	
09 91 13 00-0329 SF 1 Field Coat Paint, Sprayed, Paint Exterior Structural Steel	0.58	
<i>For Electrostatic Painting, Add</i>	0.09	
<i>For Up To 100, Add</i>	0.32	
<i>For >100 To 250, Add</i>	0.15	
<i>For >250 To 500, Add</i>	0.07	
<i>For Epoxy Paint, Add</i>	0.09	
09 91 13 00-0330 Paint Metal Decking, Beams And Bar Joist (09 91 13 00-0323)		
09 91 13 00-0331 SF 1 Coat Primer, Sprayed, Paint Exposed Metal Decking.....	0.78	
<i>For Up To 100, Add</i>	0.47	
<i>For >100 To 250, Add</i>	0.22	
<i>For >250 To 500, Add</i>	0.10	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0332 SF 1 Coat Paint, Sprayed, Paint Exposed Metal Decking	0.78	
<i>For Up To 100, Add</i>	0.47	
<i>For >100 To 250, Add</i>	0.22	
<i>For >250 To 500, Add</i>	0.10	
<i>For Epoxy Paint, Add</i>	0.10	
09 91 13 00-0333 SF 2 Coats Paint, Sprayed, Paint Exposed Metal Decking	1.32	
<i>For Up To 100, Add</i>	0.75	
<i>For >100 To 250, Add</i>	0.36	
<i>For >250 To 500, Add</i>	0.16	
<i>For Epoxy Paint, Add</i>	0.19	
09 91 13 00-0334 SF 1 Coat Primer, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.16	
<i>For Up To 100, Add</i>	0.64	
<i>For >100 To 250, Add</i>	0.31	
<i>For >250 To 500, Add</i>	0.14	
<i>For Epoxy Paint, Add</i>	0.18	
09 91 13 00-0335 SF 1 Coat Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	1.12	
<i>For Up To 100, Add</i>	0.64	
<i>For >100 To 250, Add</i>	0.31	
<i>For >250 To 500, Add</i>	0.13	
<i>For Epoxy Paint, Add</i>	0.16	
09 91 13 00-0336 SF 2 Coats Paint, Brush/Roller Work, Paint Metal Beams And Bar Joists	2.12	
<i>For Up To 100, Add</i>	1.18	
<i>For >100 To 250, Add</i>	0.57	
<i>For >250 To 500, Add</i>	0.25	
<i>For Epoxy Paint, Add</i>	0.31	
09 91 13 00-0337 SF 1 Coat Primer, Sprayed, Paint Metal Beams And Bar Joists	0.96	
<i>For Up To 100, Add</i>	0.55	
<i>For >100 To 250, Add</i>	0.26	
<i>For >250 To 500, Add</i>	0.12	
<i>For Epoxy Paint, Add</i>	0.14	
09 91 13 00-0338 SF 1 Coat Paint, Sprayed, Paint Metal Beams And Bar Joists.....	0.96	
<i>For Up To 100, Add</i>	0.55	
<i>For >100 To 250, Add</i>	0.26	
<i>For >250 To 500, Add</i>	0.12	
<i>For Epoxy Paint, Add</i>	0.14	
09 91 13 00-0339 SF 2 Coats Paint, Sprayed, Paint Metal Beams And Bar Joists.....	1.64	
<i>For Up To 100, Add</i>	0.88	
<i>For >100 To 250, Add</i>	0.43	
<i>For >250 To 500, Add</i>	0.19	
<i>For Epoxy Paint, Add</i>	0.26	
09 91 13 00-0340 Steel Pipes, Tubes, Rails, Conduit (09 91 13 00-0322)		
Note: For non surface mounted unless a different color is needed.		
09 91 13 00-0341 LF 1 Coat Primer, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe.....	1.56	
<i>For Electrostatic Painting, Add</i>	0.20	
<i>For Epoxy Paint, Add</i>	0.17	
09 91 13 00-0342 LF 1 Coat Primer, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe.....	1.74	
<i>For Electrostatic Painting, Add</i>	0.23	
<i>For Epoxy Paint, Add</i>	0.19	
09 91 13 00-0343 LF 1 Coat Primer, 4" Diameter, Paint Steel Pipes.....	1.97	
<i>For Electrostatic Painting, Add</i>	0.26	
<i>For Epoxy Paint, Add</i>	0.22	
09 91 13 00-0344 LF 1 Coat Primer, 6" To 8" Diameter, Paint Steel Pipes	2.45	
<i>For Electrostatic Painting, Add</i>	0.32	
<i>For Epoxy Paint, Add</i>	0.27	
09 91 13 00-0345 LF 1 Coat Primer, 10" To 12" Diameter, Paint Steel Pipes	3.11	
<i>For Electrostatic Painting, Add</i>	0.40	
<i>For Epoxy Paint, Add</i>	0.34	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0346	LF	1 Coat Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	1.56 0.20 0.17	
09 91	13 00-0347	LF	1 Coat Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	1.74 0.23 0.19	
09 91	13 00-0348	LF	1 Coat Paint, 4" Diameter, Paint Steel Pipes <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	1.97 0.26 0.22	
09 91	13 00-0349	LF	1 Coat Paint, 6" To 8" Diameter, Paint Steel Pipes <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	2.45 0.32 0.27	
09 91	13 00-0350	LF	1 Coat Paint, 10" To 12" Diameter, Paint Steel Pipes <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	3.11 0.40 0.34	
09 91	13 00-0351	LF	2 Coats Paint, 1/2" To 1-1/2" Diameter, Paint Conduit Or Steel Pipe <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	3.18 0.44 0.39	
09 91	13 00-0352	LF	2 Coats Paint, 2" To 3-1/2" Diameter, Paint Conduit Or Steel Pipe <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	3.49 0.45 0.38	
09 91	13 00-0353	LF	2 Coats Paint, 4" Diameter, Paint Steel Pipes <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	3.78 0.50 0.42	
09 91	13 00-0354	LF	2 Coats Paint, 6" To 8" Diameter, Paint Steel Pipes <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	4.77 0.62 0.53	
09 91	13 00-0355	LF	2 Coats Paint, 10" To 12" Diameter, Paint Steel Pipes <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	5.87 0.77 0.66	
09 91	13 00-0356	EA	1 Coat Paint, Paint Exposed Single Or Double Gang Outlet Box <i>For Electrostatic Painting, Add</i> <i>For Epoxy Paint, Add</i>	7.53 0.80 0.47	
09 91 13 00-0357 Paint Metal Louvers (09 91 13 00-0322)					
09 91	13 00-0358	SF	1 Coat Primer, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area <i>For Electrostatic Painting, Add</i>	1.28 0.16	
09 91	13 00-0359	SF	1 Coat Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area <i>For Electrostatic Painting, Add</i>	1.30 0.16	
09 91	13 00-0360	SF	2 Coats Alkyd Paint, Brush/Roller Work, Paint Ventilation Louver, SF Of Opening Area <i>For Electrostatic Painting, Add</i>	2.67 0.33	
09 91 13 00-0361 Paint Ladders (09 91 13 00-0322)					
09 91	13 00-0362	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Ladders <i>For Epoxy Paint, Add</i>	3.45 0.22	
09 91	13 00-0363	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders <i>For Epoxy Paint, Add</i>	3.85 0.24	
09 91	13 00-0364	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Ladders <i>For Epoxy Paint, Add</i>	7.57 0.44	
09 91 13 00-0365 Paint Handrails (09 91 13 00-0322)					
09 91	13 00-0366	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket <i>For Epoxy Paint, Add</i>	1.39 0.11	
09 91	13 00-0367	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket <i>For Epoxy Paint, Add</i>	1.54 0.12	
09 91	13 00-0368	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Hand Rail And Bracket <i>For Epoxy Paint, Add</i>	2.51 0.17	
09 91	13 00-0369	LF	1 Coat Alkyd Primer, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets <i>For Epoxy Paint, Add</i>	2.58 0.34	
09 91	13 00-0370	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets <i>For Epoxy Paint, Add</i>	2.81 0.35	
09 91	13 00-0371	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 1 Rail, Paint Pipe Rail And Pickets <i>For Epoxy Paint, Add</i>	4.80 0.56	
09 91	13 00-0372	LF	1 Coat Alkyd Primer, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets <i>For Epoxy Paint, Add</i>	2.77 0.35	
09 91	13 00-0373	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets <i>For Epoxy Paint, Add</i>	3.03 0.36	
09 91	13 00-0374	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, 2 Rails, Paint Pipe Rail And Pickets <i>For Epoxy Paint, Add</i>	5.09 0.57	
09 91	13 00-0375	LF	1 Coat Alkyd Primer, Brush/Roller Work, Paint Balustrades <i>For Epoxy Paint, Add</i>	1.54 0.18	
09 91	13 00-0376	LF	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades <i>For Epoxy Paint, Add</i>	1.69 0.19	
09 91	13 00-0377	LF	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Balustrades <i>For Epoxy Paint, Add</i>	3.09 0.36	
09 91 13 00-0378 Paint Grating (09 91 13 00-0322)					
09 91	13 00-0379	SF	1 Coat Primer, Brush/Roller Work, Paint Gratings And Frames <i>For Epoxy Paint, Add</i>	2.52 0.17	
09 91	13 00-0380	SF	1 Coat Paint, Brush/Roller Work, Paint Gratings And Frames <i>For Epoxy Paint, Add</i>	2.57 0.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0381 SF 2 Coats Paint, Brush/Roller Work, Paint Gratings And Frames <i>For Epoxy Paint, Add</i>	3.86	0.31
09 91 13 00-0382 Equipment And Tanks (09 91 13 00-0322)		
09 91 13 00-0383 Paint Valves (09 91 13 00-0382)		
Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0384 EA Prime And Paint 4" And Smaller Valve	26.59	
09 91 13 00-0385 EA Prime And Paint 6" To 10" Valve	32.68	
09 91 13 00-0386 EA Prime And Paint 12" To 18" Valve	42.93	
09 91 13 00-0387 EA Prime And Paint 20" To 24" Valve	57.33	
09 91 13 00-0388 EA Prime And Paint >24" To 36" Valve	77.84	
09 91 13 00-0389 EA Prime And Paint >36" To 48" Valve	106.36	
09 91 13 00-0390 Paint Pumps And Motors (09 91 13 00-0382)		
Note: Includes 1 coat primer and 1 coat paint finish		
09 91 13 00-0391 EA Prime And Paint Pump Under 1 HP	81.70	
09 91 13 00-0392 EA Prime And Paint Pump, 1 HP To 5 HP	108.00	
09 91 13 00-0393 EA Prime And Paint Pump, >5 HP To 10 HP	130.14	
09 91 13 00-0394 EA Prime And Paint Pump, >10 HP To 20 HP	146.19	
09 91 13 00-0395 EA Prime And Paint Pump, >20 HP To 30 HP	170.56	
09 91 13 00-0396 EA Prime And Paint Pump, >30 HP To 50 HP	194.91	
09 91 13 00-0397 EA Prime And Paint Pump, >50 HP To 75 HP	215.13	
09 91 13 00-0398 EA Prime And Paint Pump, >75 HP	243.64	
09 91 13 00-0399 Paint Storage Tanks (09 91 13 00-0382)		
09 91 13 00-0400 SF 1 Coat Primer, Roller, Paint Storage Tank, Exterior Surface	1.04	
09 91 13 00-0401 SF 1 Coat Paint, Roller, Paint Storage Tank, Exterior Surface	1.38	
09 91 13 00-0402 SF 2 Coats Paint, Roller, Paint Storage Tank, Exterior Surface	2.62	
09 91 13 00-0403 SF 1 Coat Primer, Roller, Paint Storage Tank, Interior Surface	1.39	
09 91 13 00-0404 SF 1 Coat Paint, Roller, Paint Storage Tank, Interior Surface	1.76	
09 91 13 00-0405 SF 2 Coats Paint, Roller, Paint Storage Tank, Interior Surface	3.39	
09 91 13 00-0406 SF 1 Coat Primer, Sprayed, Paint Storage Tank, Exterior Surface	1.11	
09 91 13 00-0407 SF 1 Coat Paint, Sprayed, Paint Storage Tank, Exterior Surface	1.37	
09 91 13 00-0408 SF 2 Coats Paint, Sprayed, Paint Storage Tank, Exterior Surface	2.64	
09 91 13 00-0409 SF 1 Coat Primer, Sprayed, Paint Storage Tank, Interior Surface	1.26	
09 91 13 00-0410 SF 1 Coat Paint, Sprayed, Paint Storage Tank, Interior Surface	1.66	
09 91 13 00-0411 SF 2 Coats Paint, Sprayed, Paint Storage Tank, Interior Surface	3.22	
09 91 13 00-0412 Other Site Work Painting (09 91 13)		
09 91 13 00-0413 Paint Fencing (09 91 13 00-0412)		
Note: Per side of fence. Based on gross fence area (length of fence x height of fence).		
09 91 13 00-0414 SF 1 Coat Paint, Brush/Roller, Paint Existing Chain Link Fence	0.78	
<i>For Epoxy Paint, Add</i>		0.09
<i>For Up To 100, Add</i>		0.48
<i>For >100 To 250, Add</i>		0.23
<i>For >250 To 500, Add</i>		0.10
09 91 13 00-0415 SF 2 Coats Paint, Brush/Roller, Paint Existing Chain Link Fence	1.47	
<i>For Epoxy Paint, Add</i>		0.18
<i>For Up To 100, Add</i>		0.89
<i>For >100 To 250, Add</i>		0.43
<i>For >250 To 500, Add</i>		0.19
09 91 13 00-0416 SF 1 Coat Paint, Sprayed, Paint Existing Chain Link Fence	0.70	
<i>For Epoxy Paint, Add</i>		0.10
<i>For Electrostatic Painting, Add</i>		0.10
<i>For Up To 100, Add</i>		0.39
<i>For >100 To 250, Add</i>		0.19
<i>For >250 To 500, Add</i>		0.08
09 91 13 00-0417 SF 2 Coats Paint, Sprayed, Paint Existing Chain Link Fence	1.31	
<i>For Epoxy Paint, Add</i>		0.20
<i>For Electrostatic Painting, Add</i>		0.20
<i>For Up To 100, Add</i>		0.72
<i>For >100 To 250, Add</i>		0.35
<i>For >250 To 500, Add</i>		0.15
09 91 13 00-0418 SF 1 Coat Primer, Brush/Roller, Paint Wrought Iron Fence	0.72	
<i>For Epoxy Paint, Add</i>		0.10
<i>For Up To 100, Add</i>		0.41
<i>For >100 To 250, Add</i>		0.20
<i>For >250 To 500, Add</i>		0.09
09 91 13 00-0419 SF 1 Coat Paint, Brush/Roller, Paint Wrought Iron Fence	0.67	
<i>For Epoxy Paint, Add</i>		0.08
<i>For Up To 100, Add</i>		0.40
<i>For >100 To 250, Add</i>		0.19
<i>For >250 To 500, Add</i>		0.08
09 91 13 00-0420 SF Each Additional Coat, Brush/Roller, Paint Wrought Iron Fence	0.48	
<i>For Epoxy Paint, Add</i>		0.08
<i>For Up To 100, Add</i>		0.26
<i>For >100 To 250, Add</i>		0.13
<i>For >250 To 500, Add</i>		0.06

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0421	SF	1 Coat Primer, Brush/Roller, Paint Picket Fence	0.90	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.13	
09 91	13 00-0422	SF	1 Coat Paint, Brush/Roller, Paint Picket Fence.....	0.90	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 250, Add</i>	0.29	
			<i>For >250 To 500, Add</i>	0.13	
09 91	13 00-0423	SF	Each Additional Coat, Brush/Roller, Paint Picket Fence	0.64	
			<i>For Epoxy Paint, Add</i>	0.06	
			<i>For Up To 100, Add</i>	0.42	
			<i>For >100 To 250, Add</i>	0.20	
			<i>For >250 To 500, Add</i>	0.09	
09 91	13 00-0424	SF	1 Coat Paint, Brush/Roller, Paint Wood Fences	0.66	
			<i>For Up To 100, Add</i>	0.40	
			<i>For >100 To 250, Add</i>	0.19	
			<i>For >250 To 500, Add</i>	0.08	
09 91	13 00-0425	SF	2 Coats Paint, Brush/Roller, Paint Wood Fences	1.19	
			<i>For Up To 100, Add</i>	0.70	
			<i>For >100 To 250, Add</i>	0.34	
			<i>For >250 To 500, Add</i>	0.15	
09 91	13 00-0426	SF	1 Coat Paint, Sprayed, Paint Wood Fences.....	0.52	
			<i>For Up To 100, Add</i>	0.29	
			<i>For >100 To 250, Add</i>	0.14	
			<i>For >250 To 500, Add</i>	0.06	
09 91	13 00-0427	SF	2 Coats Paint, Sprayed, Paint Wood Fences.....	0.98	
			<i>For Up To 100, Add</i>	0.54	
			<i>For >100 To 250, Add</i>	0.26	
			<i>For >250 To 500, Add</i>	0.12	
09 91	13 00-0428		Paint Shutters Or Blinds, Solid Panel (09 91 13 00-0412)		
09 91	13 00-0429	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Solid Panel.....	2.71	
09 91	13 00-0430	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	2.72	
09 91	13 00-0431	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Solid Panel	4.83	
09 91	13 00-0432	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.68	
09 91	13 00-0433	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel	1.69	
09 91	13 00-0434	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Solid Panel.....	3.12	
09 91	13 00-0435		Paint Shutters Or Blinds, Louvered Panel (09 91 13 00-0412)		
09 91	13 00-0436	SF	1 Coat Primer, Brush Work, Paint Shutter Or Blinds, Louvered Panel.....	3.35	
09 91	13 00-0437	SF	1 Coat Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	3.36	
09 91	13 00-0438	SF	2 Coats Paint, Brush Work, Paint Shutter Or Blinds, Louvered Panel	5.97	
09 91	13 00-0439	SF	1 Coat Primer, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.04	
09 91	13 00-0440	SF	1 Coat Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel	2.05	
09 91	13 00-0441	SF	2 Coats Paint, Sprayed, Paint Shutter Or Blinds, Louvered Panel.....	3.79	
09 91	13 00-0442		Paint Flagpoles (09 91 13 00-0412)		
09 91	13 00-0443	EA	1 Coat Paint, 20' High, Paint Steel Flagpole	210.59	
09 91	13 00-0444	EA	1 Coat Paint, 30' High, Paint Steel Flagpole	283.81	
09 91	13 00-0445	EA	1 Coat Paint, 40' High, Paint Steel Flagpole	357.06	
09 91	13 00-0446	EA	1 Coat Paint, 50' High, Paint Steel Flagpole	430.34	
09 91	13 00-0447	EA	1 Coat Paint, 70' High, Paint Steel Flagpole	570.74	
09 91	13 00-0448	EA	1 Coat Paint, 80' High, Paint Steel Flagpole	643.23	
09 91	13 00-0449	EA	1 Coat Paint, 90' High, Paint Steel Flagpole	715.74	
09 91	13 00-0450		Paint Lattice Or Trellis (09 91 13 00-0412)		
09 91	13 00-0451	SF	1 Coat Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis.....	1.31	
			<i>For Up To 100, Add</i>	0.89	
			<i>For >100 To 250, Add</i>	0.42	
			<i>For >250 To 500, Add</i>	0.18	
09 91	13 00-0452	SF	2 Coats Paint, Sprayed, Per Side, Paint Wood Lattice Or Trellis.....	2.43	
			<i>For Up To 100, Add</i>	1.63	
			<i>For >100 To 250, Add</i>	0.77	
			<i>For >250 To 500, Add</i>	0.33	
09 91	13 00-0453		Paint Exterior Stairs (09 91 13)		
09 91	13 00-0454		Paint Exterior Concrete Stairs (09 91 13 00-0453)		
09 91	13 00-0455	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	14.90	
09 91	13 00-0456	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	14.90	
09 91	13 00-0457	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	20.87	
09 91	13 00-0458	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	37.91	
09 91	13 00-0459	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Concrete Stair (To 4' Wide).....	29.81	
09 91	13 00-0460		Paint Exterior Metal Stairs (09 91 13 00-0453)		

	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91 13 00-0461	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)..... <i>For Oil Based Paint, Add</i>	7.91 0.43	
	09 91 13 00-0462	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide) <i>For Oil Based Paint, Add</i>	7.91 0.43	
	09 91 13 00-0463	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Metal Stair (To 4' Wide)..... <i>For Oil Based Paint, Add</i>	15.84 0.87	
	09 91 13 00-0464		Paint Exterior Wood Stairs (09 91 13 00-0453)		
	09 91 13 00-0465	RSR	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	7.72	
	09 91 13 00-0466	RSR	1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	7.72	
	09 91 13 00-0467	RSR	1 Coat Non-Slip Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	13.69	
	09 91 13 00-0468	RSR	1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	30.73	
	09 91 13 00-0469	RSR	2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Wood Stair (To 4' Wide).....	15.45	
	09 91 13 00-0470		Paint Exterior Stair Nosing (09 91 13 00-0453)		
	09 91 13 00-0471	LF	1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Exterior Yellow Stair Safety Strip.....	1.48	
	09 91 13 00-0472		Paint Exterior Trim (09 91 13)		
	09 91 13 00-0473		Paint Exterior Metal Trim And Gutters (09 91 13 00-0472)		
	09 91 13 00-0474	SF	1 Coat Primer, Brush Work, Paint Exterior Exposed Metal Trim.....	1.04	
	09 91 13 00-0475	SF	1 Coat Paint, Brush Work, Paint Exterior Exposed Metal Trim.....	1.14	
	09 91 13 00-0476	SF	2 Coats Paint, Brush Work, Paint Exterior Exposed Metal Trim.....	2.05	
	09 91 13 00-0477	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Exposed Metal Trim.....	0.95	
	09 91 13 00-0478	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim.....	1.03	
	09 91 13 00-0479	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Exposed Metal Trim.....	1.84	
	09 91 13 00-0480	LF	1 Coat Paint, Brush Work, Paint Exterior Gutter And Downspout.....	1.63	
	09 91 13 00-0481	LF	2 Coats Paint, Brush Work, Paint Exterior Gutter And Downspout.....	2.04	
	09 91 13 00-0482		Paint Exterior Wood Trim (09 91 13 00-0472)		
	09 91 13 00-0483	SF	1 Coat Primer, Brush Work, Paint Exterior Wood Trim..... <i>For Oil Based Paint, Add</i>	1.49 0.09	
			<i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i>	0.18	
			<i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i>	0.30	
			<i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i>	0.48	
			<i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	0.66	
			<i>For Up To 100, Add</i>	0.94	
			<i>For >100 To 250, Add</i>	0.45	
			<i>For >250 To 500, Add</i>	0.19	
			<i>For >2,500 To 5,000, Deduct</i>	-0.07	
			<i>For >5,000 To 10,000, Deduct</i>	-0.15	
			<i>For >10,000 To 20,000, Deduct</i>	-0.22	
			<i>For >20,000, Deduct</i>	-0.30	
	09 91 13 00-0484	SF	1 Coat Paint, Brush Work, Paint Exterior Wood Trim..... <i>For Oil Based Paint, Add</i>	1.61 0.10	
			<i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i>	0.19	
			<i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i>	0.32	
			<i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i>	0.52	
			<i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	0.71	
			<i>For Up To 100, Add</i>	1.02	
			<i>For >100 To 250, Add</i>	0.48	
			<i>For >250 To 500, Add</i>	0.21	
			<i>For >2,500 To 5,000, Deduct</i>	-0.08	
			<i>For >5,000 To 10,000, Deduct</i>	-0.16	
			<i>For >10,000 To 20,000, Deduct</i>	-0.24	
			<i>For >20,000, Deduct</i>	-0.32	
	09 91 13 00-0485	SF	2 Coats Paint, Brush Work, Paint Exterior Wood Trim..... <i>For Oil Based Paint, Add</i>	2.94 0.18	
			<i>For Work >15' To 20' Above Floor, Add</i> <i>Note: Applied only to work area above 15' to 20'.</i>	0.34	
			<i>For Work >20' To 30' Above Floor, Add</i> <i>Note: Applied only to work area above 20'.</i>	0.57	
			<i>For Work >30' To 40' Above Floor, Add</i> <i>Note: Applied only to work area above 30' to 40'.</i>	0.92	
			<i>For Work >40' Above Floor, Add</i> <i>Note: Applied only to work area above 40'.</i>	1.26	
			<i>For Up To 100, Add</i>	1.82	
			<i>For >100 To 250, Add</i>	0.87	
			<i>For >250 To 500, Add</i>	0.38	
			<i>For >2,500 To 5,000, Deduct</i>	-0.15	
			<i>For >5,000 To 10,000, Deduct</i>	-0.29	
			<i>For >10,000 To 20,000, Deduct</i>	-0.44	
			<i>For >20,000, Deduct</i>	-0.59	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	13 00-0486	SF	1 Coat Primer, Brush/Roller Work, Paint Exterior Wood Trim.....	1.18	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.13	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.22	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.49	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.71	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91	13 00-0487	SF	1 Coat Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	1.32	
			For Oil Based Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.55	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.80	
			For >100 To 250, Add	0.38	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91	13 00-0488	SF	2 Coats Paint, Brush/Roller Work, Paint Exterior Wood Trim.....	2.46	
			For Oil Based Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.45	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.72	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.00	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.46	
			For >100 To 250, Add	0.70	
			For >250 To 500, Add	0.30	
			For >2,500 To 5,000, Deduct	-0.12	
			For >5,000 To 10,000, Deduct	-0.25	
			For >10,000 To 20,000, Deduct	-0.37	
			For >20,000, Deduct	-0.49	
09 91	13 00-0489	SF	1 Coat Primer, Sprayed, Paint Exterior Wood Trim.....	0.96	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.33	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.50	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.19	
09 91	13 00-0490	SF	1 Coat Paint, Sprayed, Paint Exterior Wood Trim.....	1.08	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20'.		
			For Work >30' To 40' Above Floor, Add	0.29	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.40	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.59	
			For >100 To 250, Add	0.29	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 13 00-0491 SF 2 Coats Paint, Sprayed, Paint Exterior Wood Trim.....	2.04	
<i>For Oil Based Paint, Add</i>	0.14	
<i>For Work >15' To 20' Above Floor, Add</i>	0.20	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	0.33	
<i>Note: Applied only to work area above 20'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	0.53	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	0.73	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	1.10	
<i>For >100 To 250, Add</i>	0.54	
<i>For >250 To 500, Add</i>	0.24	
<i>For >2,500 To 5,000, Deduct</i>	-0.10	
<i>For >5,000 To 10,000, Deduct</i>	-0.20	
<i>For >10,000 To 20,000, Deduct</i>	-0.31	
<i>For >20,000, Deduct</i>	-0.41	
09 91 13 00-0492 Paint Exterior Miscellaneous Metal Surfaces <small>(09 91 13)</small>		
09 91 13 00-0493 SF 1 Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces.....	1.25	
<i>For Epoxy Paint, Add</i>	0.15	
<i>For Electrostatic Painting, Add</i>	0.17	
09 91 13 00-0494 SF 1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	1.15	
<i>For Epoxy Paint, Add</i>	0.12	
<i>For Electrostatic Painting, Add</i>	0.15	
09 91 13 00-0495 SF 2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exterior Miscellaneous Metal Surfaces	2.33	
<i>For Epoxy Paint, Add</i>	0.25	
<i>For Electrostatic Painting, Add</i>	0.30	
09 91 23 Interior Painting <small>(09 91)</small>		
Note: Acrylic latex paint unless otherwise stated. VOC compliant in all regulated areas, review specifications for levels. Paint tasks covers all paint sheens: flat, eggshell, satin, semi-gloss, or gloss. See CSI section 09 91 13 00-0322 for additional interior materials.		
09 91 23 00-0001 Paint Interior Walls <small>(09 91 23)</small>		
09 91 23 00-0002 Paint Interior Brick Walls <small>(09 91 23 00-0001)</small>		
09 91 23 00-0003 SF 1 Coat Filler, Brush Work, Paint Interior Brick Walls.....	0.97	
<i>For Oil Based Paint, Add</i>	0.06	
<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	0.31	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	0.43	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	0.61	
<i>For >100 To 250, Add</i>	0.29	
<i>For >250 To 500, Add</i>	0.13	
<i>For >2,500 To 5,000, Deduct</i>	-0.05	
<i>For >5,000 To 10,000, Deduct</i>	-0.10	
<i>For >10,000 To 20,000, Deduct</i>	-0.15	
<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0004 SF 1 Coat Paint, Brush Work, Paint Interior Brick Walls	1.13	
<i>For Oil Based Paint, Add</i>	0.07	
<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	0.23	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	0.36	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	0.50	
<i>Note: Applied only to work area above 40'.</i>		
<i>For Up To 100, Add</i>	0.71	
<i>For >100 To 250, Add</i>	0.34	
<i>For >250 To 500, Add</i>	0.15	
<i>For >2,500 To 5,000, Deduct</i>	-0.06	
<i>For >5,000 To 10,000, Deduct</i>	-0.11	
<i>For >10,000 To 20,000, Deduct</i>	-0.17	
<i>For >20,000, Deduct</i>	-0.23	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0005	SF	2 Coat Paint, Brush Work, Paint Interior Brick Walls.....	2.01	
		For Oil Based Paint, Add	0.12	
		For Work >15' To 20' Above Floor, Add	0.23	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.39	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.62	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.86	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.24	
		For >100 To 250, Add	0.59	
		For >250 To 500, Add	0.26	
		For >2,500 To 5,000, Deduct	-0.10	
		For >5,000 To 10,000, Deduct	-0.20	
		For >10,000 To 20,000, Deduct	-0.30	
		For >20,000, Deduct	-0.40	
09 91 23 00-0006	SF	1 Coat Filler, Brush/Roller Work, Paint Interior Brick Walls.....	0.80	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.09	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.15	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.24	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.34	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.49	
		For >100 To 250, Add	0.23	
		For >250 To 500, Add	0.10	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.08	
		For >10,000 To 20,000, Deduct	-0.12	
		For >20,000, Deduct	-0.16	
09 91 23 00-0007	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Brick Walls.....	0.99	
		For Oil Based Paint, Add	0.06	
		For Work >15' To 20' Above Floor, Add	0.11	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.18	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.28	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.39	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.57	
		For >100 To 250, Add	0.27	
		For >250 To 500, Add	0.12	
		For >2,500 To 5,000, Deduct	-0.05	
		For >5,000 To 10,000, Deduct	-0.10	
		For >10,000 To 20,000, Deduct	-0.15	
		For >20,000, Deduct	-0.20	
09 91 23 00-0008	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Brick Walls.....	1.73	
		For Oil Based Paint, Add	0.11	
		For Work >15' To 20' Above Floor, Add	0.18	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.30	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.48	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.67	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.99	
		For >100 To 250, Add	0.48	
		For >250 To 500, Add	0.21	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.17	
		For >10,000 To 20,000, Deduct	-0.26	
		For >20,000, Deduct	-0.35	
09 91 23 00-0009	SF	1 Coat Filler, Sprayed, Paint Interior Brick Walls.....	0.71	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.07	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.12	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.19	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.26	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.39	
		For >100 To 250, Add	0.19	
		For >250 To 500, Add	0.08	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.14	
		For Backroll, Add	0.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0010 SF 1 Coat Paint, Sprayed, Paint Interior Brick Walls.....	0.79	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
For Backroll, Add	0.09	
09 91 23 00-0011 SF 2 Coats Paint, Sprayed, Paint Interior Brick Walls.....	1.37	
For Oil Based Paint, Add	0.10	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.70	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.27	
For Backroll, Add	0.15	
09 91 23 00-0012 SF 1 Coat Bonding Agent, Brush Work, Paint Interior Brick Walls.....	1.01	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0013 SF 1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Brick Walls.....	0.84	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.15	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.24	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.34	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
09 91 23 00-0014 SF 1 Coat Bonding Agent, Sprayed, Paint Interior Brick Walls.....	0.75	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
For Backroll, Add	0.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23 00-0015	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Brick Walls.....	0.19	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.02	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.04	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.12	
			<i>For >100 To 250, Add</i>	0.06	
			<i>For >250 To 500, Add</i>	0.02	
			<i>For >2,500 To 5,000, Deduct</i>	-0.01	
			<i>For >5,000 To 10,000, Deduct</i>	-0.02	
			<i>For >10,000 To 20,000, Deduct</i>	-0.03	
			<i>For >20,000, Deduct</i>	-0.04	
09 91	23 00-0016		Paint Interior Concrete Walls (09 91 23 00-0001)		
09 91	23 00-0017	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Walls	0.83	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.09	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.37	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.53	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.17	
09 91	23 00-0018	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Walls	0.90	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Epoxy Paint, Add</i>	0.08	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.31	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.60	
			<i>For >100 To 250, Add</i>	0.28	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.18	
09 91	23 00-0019	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Walls	1.67	
			<i>For Oil Based Paint, Add</i>	0.10	
			<i>For Epoxy Paint, Add</i>	0.16	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.79	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.11	
			<i>For >100 To 250, Add</i>	0.52	
			<i>For >250 To 500, Add</i>	0.23	
			<i>For >2,500 To 5,000, Deduct</i>	-0.08	
			<i>For >5,000 To 10,000, Deduct</i>	-0.17	
			<i>For >10,000 To 20,000, Deduct</i>	-0.25	
			<i>For >20,000, Deduct</i>	-0.33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0020 SF 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Walls.....	0.67	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.28	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.41	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.13	
09 91 23 00-0021 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Walls	0.76	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.09	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.25	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.35	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.49	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.15	
09 91 23 00-0022 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Walls.....	1.39	
For Oil Based Paint, Add	0.08	
For Epoxy Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.28	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.45	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.62	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.89	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	
09 91 23 00-0023 SF 1 Coat Filler, Sprayed, Paint Interior Concrete Walls.....	0.57	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.06	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.10	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.15	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.21	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.31	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.09	
For >20,000, Deduct	-0.11	
For Backroll, Add	0.07	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23 00-0024	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Walls	0.64	
			For Oil Based Paint, Add	0.04	
			For Epoxy Paint, Add	0.08	
			For Work >15' To 20' Above Floor, Add	0.07	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.12	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.19	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.26	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.38	
			For >100 To 250, Add	0.18	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.10	
			For >20,000, Deduct	-0.13	
			For Backroll, Add	0.08	
09 91	23 00-0025	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Walls	1.04	
			For Oil Based Paint, Add	0.07	
			For Epoxy Paint, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.29	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.40	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.59	
			For >100 To 250, Add	0.28	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
			For Backroll, Add	0.12	
09 91	23 00-0026	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Walls.....	0.86	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.53	
			For >100 To 250, Add	0.25	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	
09 91	23 00-0027	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Walls	0.70	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.13	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.20	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.28	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.41	
			For >100 To 250, Add	0.20	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.14	
09 91	23 00-0028	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Walls	0.61	
			For Work >15' To 20' Above Floor, Add	0.06	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.10	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.15	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.21	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.32	
			For >100 To 250, Add	0.16	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.06	
			For >10,000 To 20,000, Deduct	-0.09	
			For >20,000, Deduct	-0.12	
			For Backroll, Add	0.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0029 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Walls	0.15	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.03	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.05	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.07	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.10	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	
 09 91 23 00-0030 Paint Interior Concrete Block Walls (09 91 23 00-0001)		
09 91 23 00-0031 Paint Interior Concrete Block Walls, Epoxy Paint (09 91 23 00-0030)		
09 91 23 00-0032 LF 1 Coat Epoxy Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls.....	0.45	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.06	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.09	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.16	
For >100 To 250, Add	0.09	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.02	
For >5,000 To 10,000, Deduct	-0.05	
For >10,000 To 20,000, Deduct	-0.07	
For >20,000, Deduct	-0.09	
09 91 23 00-0033 SF 1 Coat Epoxy Filler, Brush Work, Paint Interior Concrete Block Walls.....	1.16	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.35	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.48	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.70	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0034 SF 1 Coat Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	1.34	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.26	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.42	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.58	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.83	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.27	
09 91 23 00-0035 SF 2 Coats Epoxy Paint, Brush Work, Paint Interior Concrete Block Walls	2.39	
For Work >15' To 20' Above Floor, Add	0.27	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.45	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.72	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	1.00	
Note: Applied only to work area above 40'		
For Up To 100, Add	1.44	
For >100 To 250, Add	0.69	
For >250 To 500, Add	0.30	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.24	
For >10,000 To 20,000, Deduct	-0.36	
For >20,000, Deduct	-0.48	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23 00-0036	SF	1 Coat Epoxy Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.95	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.10	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.36	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.54	
			<i>For >100 To 250, Add</i>	0.26	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	
09 91	23 00-0037	SF	1 Coat Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.05	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.19	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.61	
			<i>For >100 To 250, Add</i>	0.30	
			<i>For >250 To 500, Add</i>	0.13	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.16	
			<i>For >20,000, Deduct</i>	-0.21	
09 91	23 00-0038	SF	2 Coats Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.98	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.21	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.35	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.56	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.77	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	1.14	
			<i>For >100 To 250, Add</i>	0.55	
			<i>For >250 To 500, Add</i>	0.24	
			<i>For >2,500 To 5,000, Deduct</i>	-0.10	
			<i>For >5,000 To 10,000, Deduct</i>	-0.20	
			<i>For >10,000 To 20,000, Deduct</i>	-0.30	
			<i>For >20,000, Deduct</i>	-0.40	
09 91	23 00-0039	SF	1 Coat Epoxy Filler, Sprayed, Paint Interior Concrete Block Walls	0.79	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.17	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.38	
			<i>For >100 To 250, Add</i>	0.19	
			<i>For >250 To 500, Add</i>	0.08	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.16	
			<i>For Backroll, Add</i>	0.08	
09 91	23 00-0040	SF	1 Coat Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls	0.96	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.10	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	
			<i>For Backroll, Add</i>	0.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0041 SF 2 Coats Epoxy Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.74	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.55	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.86	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.35	
For Backroll, Add	0.19	
09 91 23 00-0042 Paint Interior Concrete Block Walls, Acrylic Latex Paint (09 91 23 00-0030)		
09 91 23 00-0043 SF 1 Coat Filler, Brush Work, Paint Interior Concrete Block Walls	1.06	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.35	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.48	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.68	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
09 91 23 00-0044 SF 1 Coat Paint, Brush Work, Paint Interior Concrete Block Walls	1.27	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.38	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.19	
For >20,000, Deduct	-0.25	
09 91 23 00-0045 SF 2 Coats Paint, Brush Work, Paint Interior Concrete Block Walls	2.31	
For Oil Based Paint, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.27	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.45	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.72	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.98	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.42	
For >100 To 250, Add	0.68	
For >250 To 500, Add	0.29	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.23	
For >10,000 To 20,000, Deduct	-0.35	
For >20,000, Deduct	-0.46	
09 91 23 00-0046 SF 1 Coat Texture Paint, Brush Work, Paint Interior Concrete Block Walls	1.41	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.17	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.28	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.45	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.62	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.88	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.18	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0047	SF		1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Block Walls	0.90	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91 23 00-0048	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.07	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.45	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.65	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0049	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.93	
			For Oil Based Paint, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.35	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.56	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.78	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.14	
			For >100 To 250, Add	0.55	
			For >250 To 500, Add	0.24	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.39	
09 91 23 00-0050	SF		1 Coat Texture Paint, Brush/Roller Work, Paint Interior Concrete Block Walls	1.20	
			For Oil Based Paint, Add	0.07	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.73	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.15	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.12	
			For >10,000 To 20,000, Deduct	-0.18	
			For >20,000, Deduct	-0.24	
09 91 23 00-0051	SF		1 Coat Filler, Sprayed, Paint Interior Concrete Block Walls	0.80	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.44	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.09	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.12	
			For >20,000, Deduct	-0.16	
			For Backroll, Add	0.09	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	23 00-0052	SF	1 Coat Paint, Sprayed, Paint Interior Concrete Block Walls	0.92	
				For Oil Based Paint, Add	0.06	
				For Work >15' To 20' Above Floor, Add	0.09	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.15	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.24	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.33	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.50	
				For >100 To 250, Add	0.24	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.14	
				For >20,000, Deduct	-0.18	
				For Backroll, Add	0.11	
	09 91	23 00-0053	SF	2 Coats Paint, Sprayed, Paint Interior Concrete Block Walls.....	1.51	
				For Oil Based Paint, Add	0.11	
				For Work >15' To 20' Above Floor, Add	0.14	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.23	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.36	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.50	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.77	
				For >100 To 250, Add	0.38	
				For >250 To 500, Add	0.17	
				For >2,500 To 5,000, Deduct	-0.08	
				For >5,000 To 10,000, Deduct	-0.15	
				For >10,000 To 20,000, Deduct	-0.23	
				For >20,000, Deduct	-0.30	
				For Backroll, Add	0.17	
	09 91	23 00-0054	SF	1 Coat Texture Paint, Sprayed, Paint Interior Concrete Block Walls	1.07	
				For Oil Based Paint, Add	0.07	
				For Work >15' To 20' Above Floor, Add	0.10	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.17	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.27	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.37	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.57	
				For >100 To 250, Add	0.28	
				For >250 To 500, Add	0.12	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.16	
				For >20,000, Deduct	-0.21	
				For Backroll, Add	0.12	
	09 91	23 00-0055	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Block Walls.....	0.20	
				For Oil Based Paint, Add	0.01	
				For Work >15' To 20' Above Floor, Add	0.02	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.04	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.06	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.09	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.13	
				For >100 To 250, Add	0.06	
				For >250 To 500, Add	0.03	
				For >2,500 To 5,000, Deduct	-0.01	
				For >5,000 To 10,000, Deduct	-0.02	
				For >10,000 To 20,000, Deduct	-0.03	
				For >20,000, Deduct	-0.04	

09 91 23 00-0056 Paint Interior Concrete Block Walls With Bonding Agent (09 91 23 00-0030)

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0057	SF	1	Coat Bonding Agent, Brush Work, Paint Interior Concrete Block Walls.....	1.10	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.35	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.48	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.69	
			<i>For >100 To 250, Add</i>	0.33	
			<i>For >250 To 500, Add</i>	0.14	
			<i>For >2,500 To 5,000, Deduct</i>	-0.06	
			<i>For >5,000 To 10,000, Deduct</i>	-0.11	
			<i>For >10,000 To 20,000, Deduct</i>	-0.17	
			<i>For >20,000, Deduct</i>	-0.22	
09 91 23 00-0058	SF	1	Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Block Walls.....	0.94	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.57	
			<i>For >100 To 250, Add</i>	0.27	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0059	SF	1	Coat Bonding Agent, Sprayed, Paint Interior Concrete Block Walls.....	0.85	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.08	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.22	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.30	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.45	
			<i>For >100 To 250, Add</i>	0.22	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.17	
			<i>For Backroll, Add</i>	0.10	
09 91 23 00-0060			Paint Interior Plaster/Drywall Walls (09 91 23 00-0001)		
09 91 23 00-0061			Paint Interior Plaster/Drywall Walls (09 91 23 00-0060)		
09 91 23 00-0062	SF	1	Coat Primer, Brush Work, Paint Interior Plaster/Drywall Walls.....	0.87	
			<i>For Oil Based Paint, Add</i>	0.05	
			<i>For Orange Peel Finish, Add</i>	0.12	
			<i>For Epoxy Paint, Add</i>	0.09	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.28	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.39	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.56	
			<i>For >100 To 250, Add</i>	0.26	
			<i>For >250 To 500, Add</i>	0.11	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0063 SF 1 Coat Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	0.91	
For Oil Based Paint, Add	0.05	
For Orange Peel Finish, Add	0.13	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0064 SF 2 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	1.67	
For Oil Based Paint, Add	0.10	
For Orange Peel Finish, Add	0.23	
For Epoxy Paint, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.21	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.35	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.56	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.78	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.10	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
09 91 23 00-0065 SF 3 Coats Paint, Brush Work, Paint Interior Plaster/Drywall Walls.....	2.38	
For Oil Based Paint, Add	0.14	
For Orange Peel Finish, Add	0.33	
For Epoxy Paint, Add	0.24	
For Work >15' To 20' Above Floor, Add	0.30	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.50	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.80	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.09	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.55	
For >100 To 250, Add	0.74	
For >250 To 500, Add	0.32	
For >2,500 To 5,000, Deduct	-0.12	
For >5,000 To 10,000, Deduct	-0.24	
For >10,000 To 20,000, Deduct	-0.36	
For >20,000, Deduct	-0.48	
09 91 23 00-0066 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Plaster/Drywall Walls.....	0.69	
For Oil Based Paint, Add	0.04	
For Orange Peel Finish, Add	0.09	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.42	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0067	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	0.78	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Orange Peel Finish, Add</i>	0.11	
		<i>For Epoxy Paint, Add</i>	0.08	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.16	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.25	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.50	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.12	
		<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0068	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Plaster/Drywall Walls	1.39	
		<i>For Oil Based Paint, Add</i>	0.08	
		<i>For Orange Peel Finish, Add</i>	0.19	
		<i>For Epoxy Paint, Add</i>	0.16	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.28	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.44	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.61	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.14	
		<i>For >10,000 To 20,000, Deduct</i>	-0.21	
		<i>For >20,000, Deduct</i>	-0.28	
09 91 23 00-0069	SF	1 Coat Primer, Sprayed, Paint Interior Plaster/Drywall Walls	0.59	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Epoxy Paint, Add</i>	0.09	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.10	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.16	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.33	
		<i>For >100 To 250, Add</i>	0.16	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.09	
		<i>For >20,000, Deduct</i>	-0.12	
		<i>For Backroll, Add</i>	0.07	
09 91 23 00-0070	SF	1 Coat Paint, Sprayed, Paint Interior Plaster/Drywall Walls	0.64	
		<i>For Oil Based Paint, Add</i>	0.04	
		<i>For Epoxy Paint, Add</i>	0.08	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.38	
		<i>For >100 To 250, Add</i>	0.18	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.10	
		<i>For >20,000, Deduct</i>	-0.13	
		<i>For Backroll, Add</i>	0.08	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	23	00-0071	SF 2 Coats Paint, Sprayed, Paint Interior Plaster/Drywall Walls 1.04 <i>For Oil Based Paint, Add</i> 0.07 <i>For Epoxy Paint, Add</i> 0.15 <i>For Work >15' To 20' Above Floor, Add</i> 0.11 <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> 0.18 <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> 0.29 <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> 0.40 <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> 0.59 <i>For >100 To 250, Add</i> 0.28 <i>For >250 To 500, Add</i> 0.12 <i>For >2,500 To 5,000, Deduct</i> -0.05 <i>For >5,000 To 10,000, Deduct</i> -0.10 <i>For >10,000 To 20,000, Deduct</i> -0.16 <i>For >20,000, Deduct</i> -0.21 <i>For Backroll, Add</i> 0.12		
	09 91	23	00-0072	LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Plaster/Drywall Walls 0.15 <i>For Oil Based Paint, Add</i> 0.01 <i>For Work >15' To 20' Above Floor, Add</i> 0.02 <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> 0.03 <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> 0.05 <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> 0.07 <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> 0.10 <i>For >100 To 250, Add</i> 0.05 <i>For >250 To 500, Add</i> 0.02 <i>For >2,500 To 5,000, Deduct</i> -0.01 <i>For >5,000 To 10,000, Deduct</i> -0.02 <i>For >10,000 To 20,000, Deduct</i> -0.02 <i>For >20,000, Deduct</i> -0.03		
	09 91	23	00-0073	Paint Interior Plaster/Drywall Or Masonry Walls With Polymix Multi-Color Paint <small>(09 91 23 00-0060)</small>		
	09 91	23	00-0074	SF 2 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls 1.82 <i>For Work >15' To 20' Above Floor, Add</i> 0.13 <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> 0.21 <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> 0.34 <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> 0.47 <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> 0.78 <i>For >100 To 250, Add</i> 0.39 <i>For >250 To 500, Add</i> 0.18 <i>For >2,500 To 5,000, Deduct</i> -0.09 <i>For >5,000 To 10,000, Deduct</i> -0.18 <i>For >10,000 To 20,000, Deduct</i> -0.27 <i>For >20,000, Deduct</i> -0.36		
	09 91	23	00-0075	SF 3 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls 1.98 <i>For Work >15' To 20' Above Floor, Add</i> 0.13 <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> 0.21 <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> 0.34 <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> 0.47 <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> 0.81 <i>For >100 To 250, Add</i> 0.41 <i>For >250 To 500, Add</i> 0.18 <i>For >2,500 To 5,000, Deduct</i> -0.10 <i>For >5,000 To 10,000, Deduct</i> -0.20 <i>For >10,000 To 20,000, Deduct</i> -0.30 <i>For >20,000, Deduct</i> -0.40		
	09 91	23	00-0076	SF 4 Tone Polymix With Base Coat, Sprayed, Paint Interior Plaster/Drywall Or Masonry Walls 2.14 <i>For Work >15' To 20' Above Floor, Add</i> 0.13 <i>Note: Applied only to work area above 15' to 20'.</i> <i>For Work >20' To 30' Above Floor, Add</i> 0.21 <i>Note: Applied only to work area above 20' to 30'.</i> <i>For Work >30' To 40' Above Floor, Add</i> 0.34 <i>Note: Applied only to work area above 30' to 40'.</i> <i>For Work >40' Above Floor, Add</i> 0.47 <i>Note: Applied only to work area above 40'.</i> <i>For Up To 100, Add</i> 0.83 <i>For >100 To 250, Add</i> 0.43 <i>For >250 To 500, Add</i> 0.19 <i>For >2,500 To 5,000, Deduct</i> -0.11 <i>For >5,000 To 10,000, Deduct</i> -0.21 <i>For >10,000 To 20,000, Deduct</i> -0.32 <i>For >20,000, Deduct</i> -0.43		

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0077		Paint Interior Plaster/Drywall Walls, Acoustic Texture (09 91 23 00-0060)		
09 91 23 00-0078	SF	1 Coat Primer, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.74	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.26	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.40	
		<i>For >100 To 250, Add</i>	0.19	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.15	
09 91 23 00-0079	SF	1 Coat Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	0.86	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.33	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.49	
		<i>For >100 To 250, Add</i>	0.24	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.13	
		<i>For >20,000, Deduct</i>	-0.17	
09 91 23 00-0080	SF	2 Coats Finish, Sprayed, Acoustic Texture, Paint Interior Plaster/Drywall Walls	1.36	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.21	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.34	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.46	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.71	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.15	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.14	
		<i>For >10,000 To 20,000, Deduct</i>	-0.20	
		<i>For >20,000, Deduct</i>	-0.27	
09 91 23 00-0081	SF	Stipple Finish (Drippowder), Paint Interior Plaster/Drywall Walls	1.35	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.31	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.50	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.69	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.95	
		<i>For >100 To 250, Add</i>	0.45	
		<i>For >250 To 500, Add</i>	0.19	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.14	
		<i>For >10,000 To 20,000, Deduct</i>	-0.20	
		<i>For >20,000, Deduct</i>	-0.27	
09 91 23 00-0082		Paint Interior Metal Walls (09 91 23 00-0001)		
09 91 23 00-0083		Paint Interior Galvanized Walls (09 91 23 00-0082)		
		<i>Note: Linseed oil or acrylic latex paint.</i>		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23	00-0084	SF	1 Coat Primer, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.08	
				For Electrostatic Painting, Add	0.15	
				For Work >15' To 20' Above Floor, Add	0.12	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.20	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.31	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.43	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.63	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.11	
				For >10,000 To 20,000, Deduct	-0.16	
				For >20,000, Deduct	-0.22	
09 91	23	00-0085	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Wall Surfaces.....	1.19	
				For Electrostatic Painting, Add	0.16	
				For Work >15' To 20' Above Floor, Add	0.13	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.22	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.36	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.49	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.71	
				For >100 To 250, Add	0.34	
				For >250 To 500, Add	0.15	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.12	
				For >10,000 To 20,000, Deduct	-0.18	
				For >20,000, Deduct	-0.24	
09 91	23	00-0086	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Wall Surfaces.....	2.17	
				For Electrostatic Painting, Add	0.31	
				For Work >15' To 20' Above Floor, Add	0.23	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.39	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.62	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.86	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.26	
				For >100 To 250, Add	0.61	
				For >250 To 500, Add	0.26	
				For >2,500 To 5,000, Deduct	-0.11	
				For >5,000 To 10,000, Deduct	-0.22	
				For >10,000 To 20,000, Deduct	-0.33	
				For >20,000, Deduct	-0.43	
09 91	23	00-0087	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Walls.....	0.81	
				For Electrostatic Painting, Add	0.12	
				For Work >15' To 20' Above Floor, Add	0.08	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.14	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.22	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.31	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.46	
				For >100 To 250, Add	0.22	
				For >250 To 500, Add	0.10	
				For >2,500 To 5,000, Deduct	-0.04	
				For >5,000 To 10,000, Deduct	-0.08	
				For >10,000 To 20,000, Deduct	-0.12	
				For >20,000, Deduct	-0.16	
09 91	23	00-0088	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Wall.....	0.93	
				For Electrostatic Painting, Add	0.13	
				For Work >15' To 20' Above Floor, Add	0.10	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.17	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.27	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.37	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.54	
				For >100 To 250, Add	0.26	
				For >250 To 500, Add	0.11	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.09	
				For >10,000 To 20,000, Deduct	-0.14	
				For >20,000, Deduct	-0.19	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0089	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Walls	1.75	
			For Electrostatic Painting, Add	0.25	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.31	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.49	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.68	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.00	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.21	
			For >2,500 To 5,000, Deduct	-0.09	
			For >5,000 To 10,000, Deduct	-0.18	
			For >10,000 To 20,000, Deduct	-0.26	
			For >20,000, Deduct	-0.35	
09 91 23 00-0090	SF		1 Coat Primer, Sprayed, Paint Interior Galvanized Walls.....	0.69	
			For Electrostatic Painting, Add	0.12	
			For Work >15' To 20' Above Floor, Add	0.05	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.09	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.14	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.19	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.31	
			For >100 To 250, Add	0.15	
			For >250 To 500, Add	0.07	
			For >2,500 To 5,000, Deduct	-0.03	
			For >5,000 To 10,000, Deduct	-0.07	
			For >10,000 To 20,000, Deduct	-0.10	
			For >20,000, Deduct	-0.14	
			For Backroll, Add	0.07	
09 91 23 00-0091	SF		1 Coat Paint, Sprayed, Paint Interior Galvanized Walls.....	0.89	
			For Electrostatic Painting, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
			For Backroll, Add	0.10	
09 91 23 00-0092	SF		2 Coats Paint, Sprayed, Paint Interior Galvanized Walls.....	1.50	
			For Electrostatic Painting, Add	0.26	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.44	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.71	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.30	
			For Backroll, Add	0.16	
09 91 23 00-0093			Paint Interior Aluminum And Aluminum Alloy Walls (09 91 23 00-0082)		
			Note: Alkyd enamel paint.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0094 SF 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces.....	1.08	
For Electrostatic Painting, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.22	
09 91 23 00-0095 SF 1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces.....	1.19	
For Electrostatic Painting, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0096 SF 2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Wall Surfaces.....	2.16	
For Electrostatic Painting, Add	0.31	
For Work >15' To 20' Above Floor, Add	0.23	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.39	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.62	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.86	
Note: Applied only to work area above 40'		
For Up To 100, Add	1.26	
For >100 To 250, Add	0.61	
For >250 To 500, Add	0.26	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.32	
For >20,000, Deduct	-0.43	
09 91 23 00-0097 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.91	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.47	
For >100 To 250, Add	0.23	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.18	
09 91 23 00-0098 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls.....	1.02	
For Electrostatic Painting, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0099	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Walls	1.93	
			For Electrostatic Painting, Add	0.30	
			For Work >15' To 20' Above Floor, Add	0.18	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.31	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.49	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.68	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.03	
			For >100 To 250, Add	0.50	
			For >250 To 500, Add	0.22	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.39	
09 91 23 00-0100	SF		1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.75	
			For Electrostatic Painting, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.06	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.10	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.16	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.22	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.35	
			For >100 To 250, Add	0.18	
			For >250 To 500, Add	0.08	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
			For Backroll, Add	0.08	
09 91 23 00-0101	SF		1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls.....	0.89	
			For Electrostatic Painting, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.08	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.14	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.22	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.30	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.46	
			For >100 To 250, Add	0.22	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.18	
			For Backroll, Add	0.10	
09 91 23 00-0102	SF		2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Walls	1.50	
			For Electrostatic Painting, Add	0.26	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.32	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.44	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.71	
			For >100 To 250, Add	0.35	
			For >250 To 500, Add	0.16	
			For >2,500 To 5,000, Deduct	-0.08	
			For >5,000 To 10,000, Deduct	-0.15	
			For >10,000 To 20,000, Deduct	-0.23	
			For >20,000, Deduct	-0.30	
			For Backroll, Add	0.16	
09 91 23 00-0103			Paint Interior Corrugated Metal Walls (09 91 23 00-0082)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0104 SF 1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Walls.....	0.85	
For Electrostatic Painting, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.11	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.25	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.17	
For Backroll, Add	0.09	
09 91 23 00-0105 SF 1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.12	
For Electrostatic Painting, Add	0.17	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.18	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.29	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.40	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.60	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.22	
For Backroll, Add	0.13	
09 91 23 00-0106 SF 2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Walls	1.87	
For Electrostatic Painting, Add	0.31	
For Work >15' To 20' Above Floor, Add	0.16	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.27	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.43	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.59	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.92	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
For Backroll, Add	0.20	
09 91 23 00-0107 Paint Interior Stucco Walls (09 91 23 00-0001)	1.42	
09 91 23 00-0108 SF 1 Coat Primer, Brush Work, Paint Interior Stucco Wall Surfaces.....	1.42	
For Oil Based Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.49	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.95	
For >100 To 250, Add	0.45	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.14	
For >10,000 To 20,000, Deduct	-0.21	
For >20,000, Deduct	-0.28	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0109	SF 1 Coat Paint, Brush Work, Paint Interior Stucco Wall Surfaces	1.57	
	For Oil Based Paint, Add	0.09	
	For Work >15' To 20' Above Floor, Add	0.20	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.34	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.54	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.74	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.04	
	For >100 To 250, Add	0.49	
	For >250 To 500, Add	0.21	
	For >2,500 To 5,000, Deduct	-0.08	
	For >5,000 To 10,000, Deduct	-0.16	
	For >10,000 To 20,000, Deduct	-0.24	
	For >20,000, Deduct	-0.31	
09 91 23 00-0110	SF 2 Coats Paint, Brush Work, Paint Interior Stucco Wall Surfaces	2.77	
	For Oil Based Paint, Add	0.16	
	For Work >15' To 20' Above Floor, Add	0.35	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.58	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.93	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	1.28	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.81	
	For >100 To 250, Add	0.86	
	For >250 To 500, Add	0.37	
	For >2,500 To 5,000, Deduct	-0.14	
	For >5,000 To 10,000, Deduct	-0.28	
	For >10,000 To 20,000, Deduct	-0.42	
	For >20,000, Deduct	-0.55	
09 91 23 00-0111	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	1.07	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.35	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.48	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.69	
	For >100 To 250, Add	0.33	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.16	
	For >20,000, Deduct	-0.21	
09 91 23 00-0112	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	1.23	
	For Oil Based Paint, Add	0.07	
	For Work >15' To 20' Above Floor, Add	0.15	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.25	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.40	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.55	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.78	
	For >100 To 250, Add	0.37	
	For >250 To 500, Add	0.16	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.12	
	For >10,000 To 20,000, Deduct	-0.18	
	For >20,000, Deduct	-0.25	
09 91 23 00-0113	SF 2 Coats Paint, Brush/Roller Work, Paint Interior Stucco Wall Surfaces.....	2.24	
	For Oil Based Paint, Add	0.13	
	For Work >15' To 20' Above Floor, Add	0.27	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.45	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.72	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.98	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.41	
	For >100 To 250, Add	0.67	
	For >250 To 500, Add	0.29	
	For >2,500 To 5,000, Deduct	-0.11	
	For >5,000 To 10,000, Deduct	-0.22	
	For >10,000 To 20,000, Deduct	-0.34	
	For >20,000, Deduct	-0.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0114 SF 1 Coat Primer, Sprayed, Paint Interior Stucco Wall Surfaces	0.79	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.45	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
For Backroll, Add	0.10	
09 91 23 00-0115 SF 1 Coat Paint, Sprayed, Paint Interior Stucco Wall Surfaces	0.96	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.55	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
For Backroll, Add	0.12	
09 91 23 00-0116 SF 2 Coats Paint, Sprayed, Paint Interior Stucco Wall Surfaces.....	1.87	
For Oil Based Paint, Add	0.12	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.34	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.54	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.74	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.09	
For >100 To 250, Add	0.52	
For >250 To 500, Add	0.23	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
For Backroll, Add	0.23	
09 91 23 00-0117 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Stucco Wall Surfaces.....	0.26	
For Oil Based Paint, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.06	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.09	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.12	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.17	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.04	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	
09 91 23 00-0118 Paint Interior Wood Walls (09 91 23 00-0001)		
09 91 23 00-0119 Interior Wood Walls (09 91 23 00-0118)		

09 Finishes

09 90 Painting and Coating

09 91 Painting

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0120	SF	1	Coat Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	1.06	
			For Oil Based Paint, Add	0.06	
			For Work >15' To 20' Above Floor, Add	0.14	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.23	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.36	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.50	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.70	
			For >100 To 250, Add	0.33	
			For >250 To 500, Add	0.14	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.16	
			For >20,000, Deduct	-0.21	
09 91 23 00-0121	SF	2	Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	1.95	
			For Oil Based Paint, Add	0.11	
			For Work >15' To 20' Above Floor, Add	0.24	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.41	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.65	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.90	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.27	
			For >100 To 250, Add	0.60	
			For >250 To 500, Add	0.26	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.20	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.39	
09 91 23 00-0122	SF	3	Coats Paint, Brush Work, Paint Interior Wood Wall Surfaces.....	2.79	
			For Oil Based Paint, Add	0.16	
			For Work >15' To 20' Above Floor, Add	0.35	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.58	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.92	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	1.27	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.80	
			For >100 To 250, Add	0.85	
			For >250 To 500, Add	0.37	
			For >2,500 To 5,000, Deduct	-0.14	
			For >5,000 To 10,000, Deduct	-0.28	
			For >10,000 To 20,000, Deduct	-0.42	
			For >20,000, Deduct	-0.56	
09 91 23 00-0123	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Wood Walls.....	0.76	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.09	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.15	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.24	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.33	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.47	
			For >100 To 250, Add	0.23	
			For >250 To 500, Add	0.10	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.08	
			For >10,000 To 20,000, Deduct	-0.11	
			For >20,000, Deduct	-0.15	
09 91 23 00-0124	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Wood Walls.....	0.86	
			For Oil Based Paint, Add	0.05	
			For Work >15' To 20' Above Floor, Add	0.11	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.18	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.28	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.39	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.55	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.04	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.13	
			For >20,000, Deduct	-0.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0125 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Walls.....	1.53	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.30	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.48	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.67	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.23	
For >20,000, Deduct	-0.31	
09 91 23 00-0126 SF 1 Coat Primer, Sprayed, Paint Interior Wood Walls.....	0.55	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.05	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.09	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.14	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.20	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
For Backroll, Add	0.06	
09 91 23 00-0127 SF 1 Coat Paint, Sprayed, Paint Interior Wood Walls.....	0.71	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.19	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.26	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.39	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
For Backroll, Add	0.08	
09 91 23 00-0128 SF 2 Coats Paint, Sprayed, Paint Interior Wood Walls.....	1.30	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.47	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.13	
For >10,000 To 20,000, Deduct	-0.20	
For >20,000, Deduct	-0.26	
For Backroll, Add	0.15	
09 91 23 00-0129 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Wall Surfaces.....	0.18	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.06	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.08	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.12	
For >100 To 250, Add	0.06	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.04	

09 Finishes**09 90 Painting and Coating****09 91 Painting**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0130	Paint Interior Ceilings <small>(09 91 23)</small>		
09 91 23 00-0131	Paint Interior Acoustical Ceilings <small>(09 91 23 00-0130)</small>		
	Note: Includes grid.		
09 91 23 00-0132	SF 1 Coat Primer, Brush Work, Paint Interior Acoustical Ceiling.....	0.94	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.43	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.61	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.09	
	For >10,000 To 20,000, Deduct	-0.14	
	For >20,000, Deduct	-0.19	
09 91 23 00-0133	SF 1 Coat Paint, Brush Work, Paint Interior Acoustical Ceiling.....	1.02	
	For Oil Based Paint, Add	0.06	
	For Work >15' To 20' Above Floor, Add	0.13	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.22	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.36	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.49	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.69	
	For >100 To 250, Add	0.32	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.20	
09 91 23 00-0134	SF 2 Coats Paint, Brush Work, Paint Interior Acoustical Ceiling.....	1.82	
	For Oil Based Paint, Add	0.10	
	For Work >15' To 20' Above Floor, Add	0.23	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.39	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.62	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.86	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	1.21	
	For >100 To 250, Add	0.57	
	For >250 To 500, Add	0.25	
	For >2,500 To 5,000, Deduct	-0.09	
	For >5,000 To 10,000, Deduct	-0.18	
	For >10,000 To 20,000, Deduct	-0.27	
	For >20,000, Deduct	-0.36	
09 91 23 00-0135	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	0.81	
	For Oil Based Paint, Add	0.05	
	For Work >15' To 20' Above Floor, Add	0.10	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.16	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.26	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.36	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.51	
	For >100 To 250, Add	0.24	
	For >250 To 500, Add	0.11	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.12	
	For >20,000, Deduct	-0.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0136 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	0.80	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0137 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Acoustical Ceiling.....	1.49	
For Oil Based Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.49	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.30	
09 91 23 00-0138 SF 1 Coat Primer, Sprayed, Paint Interior Acoustical Ceiling.....	0.72	
For Oil Based Paint, Add	0.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.13	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.21	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.29	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.43	
For >100 To 250, Add	0.20	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
For Backroll, Add	0.09	
09 91 23 00-0139 SF 1 Coat Paint, Sprayed, Paint Interior Acoustical Ceiling.....	0.70	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.43	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
For Backroll, Add	0.09	
09 91 23 00-0140 SF 2 Coats Paint, Sprayed, Paint Interior Acoustical Ceiling.....	1.13	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.66	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
For Backroll, Add	0.14	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0141	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Acoustical Ceiling	0.29	
		<i>For Oil Based Paint, Add</i>	0.02	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.02	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.04	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.06	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.09	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.14	
		<i>For >100 To 250, Add</i>	0.07	
		<i>For >250 To 500, Add</i>	0.03	
		<i>For >2,500 To 5,000, Deduct</i>	-0.01	
		<i>For >5,000 To 10,000, Deduct</i>	-0.03	
		<i>For >10,000 To 20,000, Deduct</i>	-0.04	
		<i>For >20,000, Deduct</i>	-0.06	
09 91 23 00-0142		Paint Interior Concrete Ceilings (09 91 23 00-0130)		
09 91 23 00-0143	SF	1 Coat Filler, Brush Work, Paint Interior Concrete Ceiling	0.94	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Epoxy Paint, Add</i>	0.10	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.12	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.20	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.31	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.43	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.61	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0144	SF	1 Coat Paint, Brush Work, Paint Interior Concrete Ceiling	1.02	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Epoxy Paint, Add</i>	0.09	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.36	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.49	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.69	
		<i>For >100 To 250, Add</i>	0.32	
		<i>For >250 To 500, Add</i>	0.14	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.20	
09 91 23 00-0145	SF	2 Coats Paint, Brush Work, Paint Interior Concrete Ceiling	1.82	
		<i>For Oil Based Paint, Add</i>	0.10	
		<i>For Epoxy Paint, Add</i>	0.17	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.39	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.62	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.86	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.21	
		<i>For >100 To 250, Add</i>	0.57	
		<i>For >250 To 500, Add</i>	0.25	
		<i>For >2,500 To 5,000, Deduct</i>	-0.09	
		<i>For >5,000 To 10,000, Deduct</i>	-0.18	
		<i>For >10,000 To 20,000, Deduct</i>	-0.27	
		<i>For >20,000, Deduct</i>	-0.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0146 SF 1 Coat Filler, Brush/Roller Work, Paint Interior Concrete Ceiling.....	0.72	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.31	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
09 91 23 00-0147 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Ceiling	0.80	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0148 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Ceiling.....	1.49	
For Oil Based Paint, Add	0.09	
For Epoxy Paint, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.18	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.31	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.49	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.68	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.96	
For >100 To 250, Add	0.46	
For >250 To 500, Add	0.20	
For >2,500 To 5,000, Deduct	-0.07	
For >5,000 To 10,000, Deduct	-0.15	
For >10,000 To 20,000, Deduct	-0.22	
For >20,000, Deduct	-0.30	
09 91 23 00-0149 SF 1 Coat Filler, Sprayed, Paint Interior Concrete Ceiling	0.68	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.09	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.20	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.27	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.40	
For >100 To 250, Add	0.19	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
For Backroll, Add	0.08	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0150	SF 1 Coat Paint, Sprayed, Paint Interior Concrete Ceiling	0.70	
	For Oil Based Paint, Add	0.04	
	For Epoxy Paint, Add	0.08	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.30	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.43	
	For >100 To 250, Add	0.21	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
	For Backroll, Add	0.09	
09 91 23 00-0151	SF 2 Coats Paint, Sprayed, Paint Interior Concrete Ceiling	1.12	
	For Oil Based Paint, Add	0.07	
	For Epoxy Paint, Add	0.15	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.32	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.44	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.65	
	For >100 To 250, Add	0.31	
	For >250 To 500, Add	0.14	
	For >2,500 To 5,000, Deduct	-0.06	
	For >5,000 To 10,000, Deduct	-0.11	
	For >10,000 To 20,000, Deduct	-0.17	
	For >20,000, Deduct	-0.22	
	For Backroll, Add	0.14	
09 91 23 00-0152	SF 1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Ceiling	0.97	
	For Work >15' To 20' Above Floor, Add	0.12	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.20	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.31	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.43	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.61	
	For >100 To 250, Add	0.29	
	For >250 To 500, Add	0.13	
	For >2,500 To 5,000, Deduct	-0.05	
	For >5,000 To 10,000, Deduct	-0.10	
	For >10,000 To 20,000, Deduct	-0.15	
	For >20,000, Deduct	-0.19	
09 91 23 00-0153	SF 1 Coat Bonding Agent, Brush/Roller, Paint Interior Concrete Ceiling	0.75	
	For Work >15' To 20' Above Floor, Add	0.08	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.14	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.22	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.31	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.45	
	For >100 To 250, Add	0.22	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.08	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.15	
09 91 23 00-0154	SF 1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Ceiling	0.72	
	For Work >15' To 20' Above Floor, Add	0.07	
	Note: Applied only to work area above 15' to 20'.		
	For Work >20' To 30' Above Floor, Add	0.12	
	Note: Applied only to work area above 20' to 30'.		
	For Work >30' To 40' Above Floor, Add	0.20	
	Note: Applied only to work area above 30' to 40'.		
	For Work >40' Above Floor, Add	0.27	
	Note: Applied only to work area above 40'.		
	For Up To 100, Add	0.40	
	For >100 To 250, Add	0.19	
	For >250 To 500, Add	0.09	
	For >2,500 To 5,000, Deduct	-0.04	
	For >5,000 To 10,000, Deduct	-0.07	
	For >10,000 To 20,000, Deduct	-0.11	
	For >20,000, Deduct	-0.14	
	For Backroll, Add	0.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0155 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Ceiling	0.17	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.06	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.08	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.12	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.03	
09 91 23 00-0156 Paint Interior Drywall/Plaster Ceilings (09 91 23 00-0130)		
09 91 23 00-0157 SF 1 Coat Primer, Brush Work, Pain Interior Drywall/Plaster Ceiling	0.94	
For Epoxy Paint, Add	0.10	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.61	
For >100 To 250, Add	0.29	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0158 SF 1 Coat Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.02	
For Epoxy Paint, Add	0.09	
For Oil Based Paint, Add	0.06	
For Orange Peel Finish, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.69	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
09 91 23 00-0159 SF 2 Coats Paint, Brush Work, Paint Interior Drywall/Plaster Ceiling	1.82	
For Epoxy Paint, Add	0.17	
For Oil Based Paint, Add	0.10	
For Orange Peel Finish, Add	0.26	
For Work >15' To 20' Above Floor, Add	0.23	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.39	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.62	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.86	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.21	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.18	
For >10,000 To 20,000, Deduct	-0.27	
For >20,000, Deduct	-0.36	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 91 23 00-0160	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....		0.81	
		For Epoxy Paint, Add		0.09	
		For Oil Based Paint, Add		0.05	
		For Orange Peel Finish, Add		0.11	
		For Work >15' To 20' Above Floor, Add		0.10	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.16	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.26	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.36	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.51	
		For >100 To 250, Add		0.24	
		For >250 To 500, Add		0.11	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.08	
		For >10,000 To 20,000, Deduct		-0.12	
		For >20,000, Deduct		-0.16	
09 91 23 00-0161	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....		0.80	
		For Epoxy Paint, Add		0.08	
		For Oil Based Paint, Add		0.05	
		For Orange Peel Finish, Add		0.11	
		For Work >15' To 20' Above Floor, Add		0.10	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.17	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.27	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.37	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.52	
		For >100 To 250, Add		0.25	
		For >250 To 500, Add		0.11	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.08	
		For >10,000 To 20,000, Deduct		-0.12	
		For >20,000, Deduct		-0.16	
09 91 23 00-0162	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Drywall/Plaster Ceiling.....		1.49	
		For Epoxy Paint, Add		0.15	
		For Oil Based Paint, Add		0.09	
		For Orange Peel Finish, Add		0.21	
		For Work >15' To 20' Above Floor, Add		0.18	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.31	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.49	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.68	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.96	
		For >100 To 250, Add		0.46	
		For >250 To 500, Add		0.20	
		For >2,500 To 5,000, Deduct		-0.07	
		For >5,000 To 10,000, Deduct		-0.15	
		For >10,000 To 20,000, Deduct		-0.22	
		For >20,000, Deduct		-0.30	
09 91 23 00-0163	SF	1 Coat Primer, Sprayed, Paint Interior Drywall/Plaster Ceiling.....		0.72	
		For Epoxy Paint, Add		0.09	
		For Oil Based Paint, Add		0.05	
		For Work >15' To 20' Above Floor, Add		0.08	
		Note: Applied only to work area above 15' to 20'.			
		For Work >20' To 30' Above Floor, Add		0.13	
		Note: Applied only to work area above 20' to 30'.			
		For Work >30' To 40' Above Floor, Add		0.21	
		Note: Applied only to work area above 30' to 40'.			
		For Work >40' Above Floor, Add		0.29	
		Note: Applied only to work area above 40'.			
		For Up To 100, Add		0.43	
		For >100 To 250, Add		0.20	
		For >250 To 500, Add		0.09	
		For >2,500 To 5,000, Deduct		-0.04	
		For >5,000 To 10,000, Deduct		-0.07	
		For >10,000 To 20,000, Deduct		-0.11	
		For >20,000, Deduct		-0.14	
		For Backroll, Add		0.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0164 SF 1 Coat Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling.....	0.70	
For Epoxy Paint, Add	0.08	
For Oil Based Paint, Add	0.04	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.43	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
For Backroll, Add	0.09	
09 91 23 00-0165 SF 2 Coats Paint, Sprayed, Paint Interior Drywall/Plaster Ceiling.....	1.13	
For Epoxy Paint, Add	0.15	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.32	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.66	
For >100 To 250, Add	0.32	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
For Backroll, Add	0.14	
09 91 23 00-0166 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Drywall/Plaster Ceiling.....	0.17	
For Epoxy Paint, Add	0.01	
For Oil Based Paint, Add	0.01	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.04	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.06	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.08	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.12	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.03	
For >20,000, Deduct	-0.03	
 09 91 23 00-0167 Paint Interior Metal Ceilings <small>(09 91 23 00-0130)</small>		
09 91 23 00-0168 Galvanized Surfaces, Galvanized Primer <small>(09 91 23 00-0167)</small>		
Note: Linseed oil or acrylic latex paint.		
09 91 23 00-0169 SF 1 Coat Primer, Brush Work, Paint Interior Galvanized Ceiling.....	1.19	
For Electrostatic Painting, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23 00-0170	SF	1 Coat Paint, Brush Work, Paint Interior Galvanized Ceiling	1.31	
			For Electrostatic Painting, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.56	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.80	
			For >100 To 250, Add	0.38	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91	23 00-0171	SF	2 Coats Paint, Brush Work, Paint Interior Galvanized Ceiling.....	2.39	
			For Electrostatic Painting, Add	0.33	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.45	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.72	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.98	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.43	
			For >100 To 250, Add	0.69	
			For >250 To 500, Add	0.30	
			For >2,500 To 5,000, Deduct	-0.12	
			For >5,000 To 10,000, Deduct	-0.24	
			For >10,000 To 20,000, Deduct	-0.36	
			For >20,000, Deduct	-0.48	
09 91	23 00-0172	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Galvanized Ceiling.....	0.92	
			For Electrostatic Painting, Add	0.13	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.54	
			For >100 To 250, Add	0.26	
			For >250 To 500, Add	0.11	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.09	
			For >10,000 To 20,000, Deduct	-0.14	
			For >20,000, Deduct	-0.18	
09 91	23 00-0173	SF	1 Coat Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.03	
			For Electrostatic Painting, Add	0.14	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.62	
			For >100 To 250, Add	0.30	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.21	
09 91	23 00-0174	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Galvanized Ceiling	1.91	
			For Electrostatic Painting, Add	0.27	
			For Work >15' To 20' Above Floor, Add	0.21	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.35	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.56	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.78	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.13	
			For >100 To 250, Add	0.54	
			For >250 To 500, Add	0.24	
			For >2,500 To 5,000, Deduct	-0.10	
			For >5,000 To 10,000, Deduct	-0.19	
			For >10,000 To 20,000, Deduct	-0.29	
			For >20,000, Deduct	-0.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0175 SF 1 Coat Primer, Sprayed, Paint Interior Galvanized Ceiling	0.89	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
For Backroll, Add	0.10	
09 91 23 00-0176 SF 1 Coat Paint, Sprayed, Paint Interior Galvanized Ceiling.....	1.02	
For Electrostatic Painting, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
For Backroll, Add	0.12	
09 91 23 00-0177 SF 2 Coats Paint, Sprayed, Paint Interior Galvanized Ceiling.....	1.63	
For Electrostatic Painting, Add	0.27	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.33	
For Backroll, Add	0.17	
09 91 23 00-0178 Aluminum And Aluminum Alloy Surface Pretreatment Primer (09 91 23 00-0167)		
Note: Alkyd enamel paint.		
09 91 23 00-0179 SF 1 Coat Primer, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.19	
For Electrostatic Painting, Add	0.16	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.71	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0180	SF		1 Coat Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.31	
			For Electrostatic Painting, Add	0.18	
			For Work >15' To 20' Above Floor, Add	0.15	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.25	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.40	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.56	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.80	
			For >100 To 250, Add	0.38	
			For >250 To 500, Add	0.17	
			For >2,500 To 5,000, Deduct	-0.07	
			For >5,000 To 10,000, Deduct	-0.13	
			For >10,000 To 20,000, Deduct	-0.20	
			For >20,000, Deduct	-0.26	
09 91 23 00-0181	SF		2 Coats Paint, Brush Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.39	
			For Electrostatic Painting, Add	0.33	
			For Work >15' To 20' Above Floor, Add	0.27	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.45	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.72	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.98	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.43	
			For >100 To 250, Add	0.69	
			For >250 To 500, Add	0.30	
			For >2,500 To 5,000, Deduct	-0.12	
			For >5,000 To 10,000, Deduct	-0.24	
			For >10,000 To 20,000, Deduct	-0.36	
			For >20,000, Deduct	-0.48	
09 91 23 00-0182	SF		1 Coat Primer, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.02	
			For Electrostatic Painting, Add	0.15	
			For Work >15' To 20' Above Floor, Add	0.10	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.17	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.27	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.37	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.56	
			For >100 To 250, Add	0.27	
			For >250 To 500, Add	0.12	
			For >2,500 To 5,000, Deduct	-0.05	
			For >5,000 To 10,000, Deduct	-0.10	
			For >10,000 To 20,000, Deduct	-0.15	
			For >20,000, Deduct	-0.20	
09 91 23 00-0183	SF		1 Coat Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.13	
			For Electrostatic Painting, Add	0.17	
			For Work >15' To 20' Above Floor, Add	0.12	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.20	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.31	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.43	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	0.64	
			For >100 To 250, Add	0.31	
			For >250 To 500, Add	0.13	
			For >2,500 To 5,000, Deduct	-0.06	
			For >5,000 To 10,000, Deduct	-0.11	
			For >10,000 To 20,000, Deduct	-0.17	
			For >20,000, Deduct	-0.23	
09 91 23 00-0184	SF		2 Coats Paint, Brush/Roller Work, Paint Interior Aluminum And Aluminum Alloy Ceiling	2.14	
			For Electrostatic Painting, Add	0.32	
			For Work >15' To 20' Above Floor, Add	0.22	
			Note: Applied only to work area above 15' to 20'.		
			For Work >20' To 30' Above Floor, Add	0.36	
			Note: Applied only to work area above 20' to 30'.		
			For Work >30' To 40' Above Floor, Add	0.58	
			Note: Applied only to work area above 30' to 40'.		
			For Work >40' Above Floor, Add	0.79	
			Note: Applied only to work area above 40'.		
			For Up To 100, Add	1.19	
			For >100 To 250, Add	0.57	
			For >250 To 500, Add	0.25	
			For >2,500 To 5,000, Deduct	-0.11	
			For >5,000 To 10,000, Deduct	-0.21	
			For >10,000 To 20,000, Deduct	-0.32	
			For >20,000, Deduct	-0.43	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0185 SF 1 Coat Primer, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	0.89	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.46	
For >100 To 250, Add	0.22	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.13	
For >20,000, Deduct	-0.18	
For Backroll, Add	0.10	
09 91 23 00-0186 SF 1 Coat Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.02	
For Electrostatic Painting, Add	0.15	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.56	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
For Backroll, Add	0.12	
09 91 23 00-0187 SF 2 Coats Paint, Sprayed, Paint Interior Aluminum And Aluminum Alloy Ceiling	1.63	
For Electrostatic Painting, Add	0.27	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.80	
For >100 To 250, Add	0.40	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.33	
For Backroll, Add	0.17	
09 91 23 00-0188 Paint Interior Ceiling Tile Grid (09 91 23 00-0167)		
Note: Grid only.		
09 91 23 00-0189 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid	0.25	
For Electrostatic Painting, Add	0.03	
For Work >15' To 20' Above Floor, Add	0.03	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.05	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.08	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.12	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.16	
For >100 To 250, Add	0.08	
For >250 To 500, Add	0.03	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.03	
For >10,000 To 20,000, Deduct	-0.04	
For >20,000, Deduct	-0.05	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0190	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Ceiling Tile Grid.....	0.51	
		<i>For Electrostatic Painting, Add</i>	0.06	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.06	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.17	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.23	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.33	
		<i>For >100 To 250, Add</i>	0.16	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.05	
		<i>For >10,000 To 20,000, Deduct</i>	-0.08	
		<i>For >20,000, Deduct</i>	-0.10	
09 91 23 00-0191		Paint Interior Corrugated Metal Ceilings <small>(09 91 23 00-0167)</small>		
09 91 23 00-0192	SF	1 Coat Primer, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.18	
		<i>For Electrostatic Painting, Add</i>	0.19	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.40	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.61	
		<i>For >100 To 250, Add</i>	0.30	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.06	
		<i>For >5,000 To 10,000, Deduct</i>	-0.12	
		<i>For >10,000 To 20,000, Deduct</i>	-0.18	
		<i>For >20,000, Deduct</i>	-0.24	
		<i>For Backroll, Add</i>	0.13	
09 91 23 00-0193	SF	1 Coat Paint, Sprayed, Paint Interior Corrugated Metal Ceiling.....	1.34	
		<i>For Electrostatic Painting, Add</i>	0.20	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.13	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.22	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.35	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.48	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	0.73	
		<i>For >100 To 250, Add</i>	0.35	
		<i>For >250 To 500, Add</i>	0.16	
		<i>For >2,500 To 5,000, Deduct</i>	-0.07	
		<i>For >5,000 To 10,000, Deduct</i>	-0.13	
		<i>For >10,000 To 20,000, Deduct</i>	-0.20	
		<i>For >20,000, Deduct</i>	-0.27	
		<i>For Backroll, Add</i>	0.16	
09 91 23 00-0194	SF	2 Coats Paint, Sprayed, Paint Interior Corrugated Metal Ceiling.....	2.18	
		<i>For Electrostatic Painting, Add</i>	0.36	
		<i>For Work >15' To 20' Above Floor, Add</i>	0.19	
		<i>Note: Applied only to work area above 15' to 20'.</i>		
		<i>For Work >20' To 30' Above Floor, Add</i>	0.31	
		<i>Note: Applied only to work area above 20' to 30'.</i>		
		<i>For Work >30' To 40' Above Floor, Add</i>	0.50	
		<i>Note: Applied only to work area above 30' to 40'.</i>		
		<i>For Work >40' Above Floor, Add</i>	0.69	
		<i>Note: Applied only to work area above 40'.</i>		
		<i>For Up To 100, Add</i>	1.08	
		<i>For >100 To 250, Add</i>	0.53	
		<i>For >250 To 500, Add</i>	0.23	
		<i>For >2,500 To 5,000, Deduct</i>	-0.11	
		<i>For >5,000 To 10,000, Deduct</i>	-0.22	
		<i>For >10,000 To 20,000, Deduct</i>	-0.33	
		<i>For >20,000, Deduct</i>	-0.44	
		<i>For Backroll, Add</i>	0.23	
09 91 23 00-0195		Paint Interior Wood Ceilings <small>(09 91 23 00-0130)</small>		
09 91 23 00-0196		Paint Interior Smooth Wood Ceilings <small>(09 91 23 00-0195)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0197 SF 1 Coat Primer, Brush Work, Paint Interior Wood Smooth Ceiling.....	1.16	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.14	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.23	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.37	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.51	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.35	
For >250 To 500, Add	0.15	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0198 SF 1 Coat Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	1.20	
For Oil Based Paint, Add	0.07	
For Work >15' To 20' Above Floor, Add	0.15	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.25	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.40	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.56	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.79	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.12	
For >10,000 To 20,000, Deduct	-0.18	
For >20,000, Deduct	-0.24	
09 91 23 00-0199 SF 2 Coats Paint, Brush Work, Paint Interior Wood Smooth Ceiling.....	2.18	
For Oil Based Paint, Add	0.13	
For Work >15' To 20' Above Floor, Add	0.27	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.45	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.72	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.98	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.40	
For >100 To 250, Add	0.67	
For >250 To 500, Add	0.29	
For >2,500 To 5,000, Deduct	-0.11	
For >5,000 To 10,000, Deduct	-0.22	
For >10,000 To 20,000, Deduct	-0.33	
For >20,000, Deduct	-0.44	
09 91 23 00-0200 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	0.93	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.54	
For >100 To 250, Add	0.26	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.09	
For >10,000 To 20,000, Deduct	-0.14	
For >20,000, Deduct	-0.19	
09 91 23 00-0201 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling.....	1.01	
For Oil Based Paint, Add	0.06	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.20	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.31	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.43	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.62	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0202	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Smooth Wood Ceiling	1.89
		For Oil Based Paint, Add	0.12
		For Work >15' To 20' Above Floor, Add	0.22
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.36
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.58
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.79
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	1.15
		For >100 To 250, Add	0.55
		For >250 To 500, Add	0.24
		For >2,500 To 5,000, Deduct	-0.09
		For >5,000 To 10,000, Deduct	-0.19
		For >10,000 To 20,000, Deduct	-0.28
		For >20,000, Deduct	-0.38
09 91 23 00-0203	SF	1 Coat Primer, Sprayed, Paint Interior Smooth Wood Ceiling.....	0.73
		For Oil Based Paint, Add	0.05
		For Work >15' To 20' Above Floor, Add	0.08
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.14
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.22
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.30
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.43
		For >100 To 250, Add	0.21
		For >250 To 500, Add	0.09
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.07
		For >10,000 To 20,000, Deduct	-0.11
		For >20,000, Deduct	-0.15
		For Backroll, Add	0.09
09 91 23 00-0204	SF	1 Coat Paint, Sprayed, Paint Interior Smooth Wood Ceiling.....	0.86
		For Oil Based Paint, Add	0.05
		For Work >15' To 20' Above Floor, Add	0.10
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.17
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.27
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.37
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.53
		For >100 To 250, Add	0.25
		For >250 To 500, Add	0.11
		For >2,500 To 5,000, Deduct	-0.04
		For >5,000 To 10,000, Deduct	-0.09
		For >10,000 To 20,000, Deduct	-0.13
		For >20,000, Deduct	-0.17
		For Backroll, Add	0.11
09 91 23 00-0205	SF	2 Coats Paint, Sprayed, Paint Interior Smooth Wood Ceiling.....	1.32
		For Oil Based Paint, Add	0.09
		For Work >15' To 20' Above Floor, Add	0.14
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.23
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.37
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.51
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.76
		For >100 To 250, Add	0.36
		For >250 To 500, Add	0.16
		For >2,500 To 5,000, Deduct	-0.07
		For >5,000 To 10,000, Deduct	-0.13
		For >10,000 To 20,000, Deduct	-0.20
		For >20,000, Deduct	-0.26
		For Backroll, Add	0.16
09 91 23 00-0206	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Smooth Ceiling.....	0.19
		For Oil Based Paint, Add	0.01
		For Work >15' To 20' Above Floor, Add	0.02
		Note: Applied only to work area above 15' to 20'.	
		For Work >20' To 30' Above Floor, Add	0.04
		Note: Applied only to work area above 20' to 30'.	
		For Work >30' To 40' Above Floor, Add	0.06
		Note: Applied only to work area above 30' to 40'.	
		For Work >40' Above Floor, Add	0.09
		Note: Applied only to work area above 40'.	
		For Up To 100, Add	0.12
		For >100 To 250, Add	0.06
		For >250 To 500, Add	0.03
		For >2,500 To 5,000, Deduct	-0.01
		For >5,000 To 10,000, Deduct	-0.02
		For >10,000 To 20,000, Deduct	-0.03
		For >20,000, Deduct	-0.04

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	09 91	23	00-0207	Paint Interior Wood Beams (09 91 23 00-0130)		
	09 91	23	00-0208	SF 1 Coat Primer, Brush Work, Paint Interior Wood Beams.....	1.28	
				For Oil Based Paint, Add	0.08	
				For Work >15' To 20' Above Floor, Add	0.16	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.26	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.42	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.58	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.82	
				For >100 To 250, Add	0.39	
				For >250 To 500, Add	0.17	
				For >2,500 To 5,000, Deduct	-0.06	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.19	
				For >20,000, Deduct	-0.26	
	09 91	23	00-0209	SF 1 Coat Paint, Brush Work, Paint Interior Wood Beams.....	1.30	
				For Oil Based Paint, Add	0.07	
				For Work >15' To 20' Above Floor, Add	0.17	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.28	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.44	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.61	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.86	
				For >100 To 250, Add	0.41	
				For >250 To 500, Add	0.18	
				For >2,500 To 5,000, Deduct	-0.07	
				For >5,000 To 10,000, Deduct	-0.13	
				For >10,000 To 20,000, Deduct	-0.20	
				For >20,000, Deduct	-0.26	
	09 91	23	00-0210	SF 2 Coats Paint, Brush Work, Paint Interior Wood Beams.....	2.38	
				For Oil Based Paint, Add	0.14	
				For Work >15' To 20' Above Floor, Add	0.30	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.50	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.80	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	1.09	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	1.55	
				For >100 To 250, Add	0.74	
				For >250 To 500, Add	0.32	
				For >2,500 To 5,000, Deduct	-0.12	
				For >5,000 To 10,000, Deduct	-0.24	
				For >10,000 To 20,000, Deduct	-0.36	
				For >20,000, Deduct	-0.48	
	09 91	23	00-0211	SF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Beams.....	1.03	
				For Oil Based Paint, Add	0.06	
				For Work >15' To 20' Above Floor, Add	0.12	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.19	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.31	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.42	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.62	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.21	
	09 91	23	00-0212	SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Beams.....	1.01	
				For Oil Based Paint, Add	0.06	
				For Work >15' To 20' Above Floor, Add	0.12	
				Note: Applied only to work area above 15' to 20'.		
				For Work >20' To 30' Above Floor, Add	0.20	
				Note: Applied only to work area above 20' to 30'.		
				For Work >30' To 40' Above Floor, Add	0.31	
				Note: Applied only to work area above 30' to 40'.		
				For Work >40' Above Floor, Add	0.43	
				Note: Applied only to work area above 40'.		
				For Up To 100, Add	0.62	
				For >100 To 250, Add	0.30	
				For >250 To 500, Add	0.13	
				For >2,500 To 5,000, Deduct	-0.05	
				For >5,000 To 10,000, Deduct	-0.10	
				For >10,000 To 20,000, Deduct	-0.15	
				For >20,000, Deduct	-0.20	

09 Finishes

09 90 Painting and Coating

09 91 Painting

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

09 91 23 00-0213	SF	2 Coats Paint, Brush/Roller Work, Paint Interior Wood Beams.....	1.89	
		For Oil Based Paint, Add	0.12	
		For Work >15' To 20' Above Floor, Add	0.22	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.36	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.58	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.79	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	1.15	
		For >100 To 250, Add	0.55	
		For >250 To 500, Add	0.24	
		For >2,500 To 5,000, Deduct	-0.09	
		For >5,000 To 10,000, Deduct	-0.19	
		For >10,000 To 20,000, Deduct	-0.28	
		For >20,000, Deduct	-0.38	
09 91 23 00-0214	SF	1 Coat Primer, Sprayed, Paint Interior Wood Beams.....	0.86	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.17	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.27	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.37	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.53	
		For >100 To 250, Add	0.25	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.17	
		For Backroll, Add	0.11	
09 91 23 00-0215	SF	1 Coat Paint, Sprayed, Paint Interior Wood Beams.....	0.86	
		For Oil Based Paint, Add	0.05	
		For Work >15' To 20' Above Floor, Add	0.10	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.17	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.27	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.37	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.53	
		For >100 To 250, Add	0.25	
		For >250 To 500, Add	0.11	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.09	
		For >10,000 To 20,000, Deduct	-0.13	
		For >20,000, Deduct	-0.17	
		For Backroll, Add	0.11	
09 91 23 00-0216	SF	2 Coats Paint, Sprayed, Paint Interior Wood Beams.....	1.44	
		For Oil Based Paint, Add	0.09	
		For Work >15' To 20' Above Floor, Add	0.16	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	0.26	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	0.42	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	0.58	
		Note: Applied only to work area above 40'.		
		For Up To 100, Add	0.85	
		For >100 To 250, Add	0.41	
		For >250 To 500, Add	0.18	
		For >2,500 To 5,000, Deduct	-0.07	
		For >5,000 To 10,000, Deduct	-0.14	
		For >10,000 To 20,000, Deduct	-0.22	
		For >20,000, Deduct	-0.29	
		For Backroll, Add	0.18	
09 91 23 00-0217		Paint Interior Floors And Decks (09 91 23)		
09 91 23 00-0218		Paint Interior Concrete Floors And Decks (09 91 23 00-0217)		
09 91 23 00-0219	SF	1 Coat Primer, Brush Work, Paint Interior Concrete Floors And Decks.....	0.72	
		For Oil Based Paint, Add	0.04	
		For Epoxy Paint, Add	0.08	
		For Up To 100, Add	0.44	
		For >100 To 250, Add	0.21	
		For >250 To 500, Add	0.09	
		For >2,500 To 5,000, Deduct	-0.04	
		For >5,000 To 10,000, Deduct	-0.07	
		For >10,000 To 20,000, Deduct	-0.11	
		For >20,000, Deduct	-0.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0220 SF 1 Coat Paint, Brush Work, Paint Interior Concrete Floors And Decks	0.80	
For Oil Based Paint, Add	0.05	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.52	
For >100 To 250, Add	0.25	
For >250 To 500, Add	0.11	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 91 23 00-0221 SF 2 Coats Paint, Brush Work, Paint Interior Concrete Floors And Decks.....	1.57	
For Oil Based Paint, Add	0.09	
For Epoxy Paint, Add	0.16	
For Up To 100, Add	1.02	
For >100 To 250, Add	0.48	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.16	
For >10,000 To 20,000, Deduct	-0.24	
For >20,000, Deduct	-0.31	
09 91 23 00-0222 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Floors And Decks.....	0.71	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.11	
For >20,000, Deduct	-0.14	
09 91 23 00-0223 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.69	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.07	
For Up To 100, Add	0.44	
For >100 To 250, Add	0.21	
For >250 To 500, Add	0.09	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 91 23 00-0224 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Concrete Floors And Decks	1.13	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.13	
For Up To 100, Add	0.69	
For >100 To 250, Add	0.33	
For >250 To 500, Add	0.14	
For >2,500 To 5,000, Deduct	-0.06	
For >5,000 To 10,000, Deduct	-0.11	
For >10,000 To 20,000, Deduct	-0.17	
For >20,000, Deduct	-0.23	
09 91 23 00-0225 SF 1 Coat Primer, Sprayed, Paint Interior Concrete Floors And Decks	0.55	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.30	
For >100 To 250, Add	0.15	
For >250 To 500, Add	0.06	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
For Backroll, Add	0.06	
09 91 23 00-0226 SF 1 Coat Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	0.56	
For Oil Based Paint, Add	0.04	
For Epoxy Paint, Add	0.08	
For Up To 100, Add	0.32	
For >100 To 250, Add	0.16	
For >250 To 500, Add	0.07	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.06	
For >10,000 To 20,000, Deduct	-0.08	
For >20,000, Deduct	-0.11	
For Backroll, Add	0.07	
09 91 23 00-0227 SF 2 Coats Paint, Sprayed, Paint Interior Concrete Floors And Decks.....	0.99	
For Oil Based Paint, Add	0.07	
For Epoxy Paint, Add	0.15	
For Up To 100, Add	0.55	
For >100 To 250, Add	0.27	
For >250 To 500, Add	0.12	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.15	
For >20,000, Deduct	-0.20	
For Backroll, Add	0.12	

09 Finishes**09 90 Painting and Coating****09 91 Painting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

09 91 23 00-0228	SF	1 Coat Bonding Agent, Brush Work, Paint Interior Concrete Floors And Decks	0.75	
		<i>For Up To 100, Add</i>	0.45	
		<i>For >100 To 250, Add</i>	0.22	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.08	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.15	
09 91 23 00-0229	SF	1 Coat Bonding Agent, Brush/Roller Work, Paint Interior Concrete Floors And Decks	0.74	
		<i>For Up To 100, Add</i>	0.44	
		<i>For >100 To 250, Add</i>	0.21	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.15	
09 91 23 00-0230	SF	1 Coat Bonding Agent, Sprayed, Paint Interior Concrete Floors And Decks	0.59	
		<i>For Up To 100, Add</i>	0.30	
		<i>For >100 To 250, Add</i>	0.15	
		<i>For >250 To 500, Add</i>	0.07	
		<i>For >2,500 To 5,000, Deduct</i>	-0.03	
		<i>For >5,000 To 10,000, Deduct</i>	-0.06	
		<i>For >10,000 To 20,000, Deduct</i>	-0.09	
		<i>For >20,000, Deduct</i>	-0.12	
		<i>For Backroll, Add</i>	0.07	
09 91 23 00-0231	SF	1 Coat Non-Slip Paint, Brush Work, Paint Interior Concrete Floors And Decks	2.23	
		<i>For Up To 100, Add</i>	0.74	
		<i>For >100 To 250, Add</i>	0.39	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >2,500 To 5,000, Deduct</i>	-0.11	
		<i>For >5,000 To 10,000, Deduct</i>	-0.22	
		<i>For >10,000 To 20,000, Deduct</i>	-0.33	
		<i>For >20,000, Deduct</i>	-0.45	
09 91 23 00-0232	SF	1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Concrete Floors And Decks (Rust-Oleum® AS91864251)	6.49	
		<i>For Up To 100, Add</i>	1.38	
		<i>For >100 To 250, Add</i>	0.82	
		<i>For >250 To 500, Add</i>	0.39	
		<i>For >2,500 To 5,000, Deduct</i>	-0.32	
		<i>For >5,000 To 10,000, Deduct</i>	-0.65	
		<i>For >10,000 To 20,000, Deduct</i>	-0.97	
		<i>For >20,000, Deduct</i>	-1.30	
09 91 23 00-0233	LF	1 Coat Paint, Cut-in Brush Work, Paint Interior Concrete Floors And Decks	0.13	
		<i>For Up To 100, Add</i>	0.09	
		<i>For >100 To 250, Add</i>	0.04	
		<i>For >250 To 500, Add</i>	0.02	
		<i>For >2,500 To 5,000, Deduct</i>	-0.01	
		<i>For >5,000 To 10,000, Deduct</i>	-0.01	
		<i>For >10,000 To 20,000, Deduct</i>	-0.02	
		<i>For >20,000, Deduct</i>	-0.03	

09 91 23 00-0234 Paint Interior Wood Floors And Decks (09 91 23 00-0217)

09 91 23 00-0235	SF	1 Coat Primer, Brush Work, Paint Interior Wood Floors And Decks	0.90	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.54	
		<i>For >100 To 250, Add</i>	0.26	
		<i>For >250 To 500, Add</i>	0.11	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.09	
		<i>For >10,000 To 20,000, Deduct</i>	-0.14	
		<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0236	SF	1 Coat Paint, Brush Work, Paint Interior Wood Floors And Decks	0.97	
		<i>For Oil Based Paint, Add</i>	0.06	
		<i>For Up To 100, Add</i>	0.61	
		<i>For >100 To 250, Add</i>	0.29	
		<i>For >250 To 500, Add</i>	0.13	
		<i>For >2,500 To 5,000, Deduct</i>	-0.05	
		<i>For >5,000 To 10,000, Deduct</i>	-0.10	
		<i>For >10,000 To 20,000, Deduct</i>	-0.15	
		<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0237	SF	2 Coats Paint, Brush Work, Paint Interior Wood Floors And Decks	1.84	
		<i>For Oil Based Paint, Add</i>	0.11	
		<i>For Up To 100, Add</i>	1.15	
		<i>For >100 To 250, Add</i>	0.55	
		<i>For >250 To 500, Add</i>	0.24	
		<i>For >2,500 To 5,000, Deduct</i>	-0.09	
		<i>For >5,000 To 10,000, Deduct</i>	-0.18	
		<i>For >10,000 To 20,000, Deduct</i>	-0.28	
		<i>For >20,000, Deduct</i>	-0.37	
09 91 23 00-0238	SF	1 Coat Primer, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.73	
		<i>For Oil Based Paint, Add</i>	0.05	
		<i>For Up To 100, Add</i>	0.39	
		<i>For >100 To 250, Add</i>	0.19	
		<i>For >250 To 500, Add</i>	0.08	
		<i>For >2,500 To 5,000, Deduct</i>	-0.04	
		<i>For >5,000 To 10,000, Deduct</i>	-0.07	
		<i>For >10,000 To 20,000, Deduct</i>	-0.11	
		<i>For >20,000, Deduct</i>	-0.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0239 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	0.79	
<i>For Oil Based Paint, Add</i>	0.05	
<i>For Up To 100, Add</i>	0.45	
<i>For >100 To 250, Add</i>	0.22	
<i>For >250 To 500, Add</i>	0.10	
<i>For >2,500 To 5,000, Deduct</i>	-0.04	
<i>For >5,000 To 10,000, Deduct</i>	-0.08	
<i>For >10,000 To 20,000, Deduct</i>	-0.12	
<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0240 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Floors And Decks	1.56	
<i>For Oil Based Paint, Add</i>	0.10	
<i>For Up To 100, Add</i>	0.90	
<i>For >100 To 250, Add</i>	0.43	
<i>For >250 To 500, Add</i>	0.19	
<i>For >2,500 To 5,000, Deduct</i>	-0.08	
<i>For >5,000 To 10,000, Deduct</i>	-0.16	
<i>For >10,000 To 20,000, Deduct</i>	-0.23	
<i>For >20,000, Deduct</i>	-0.31	
09 91 23 00-0241 SF 1 Coat Primer, Sprayed, Paint Interior Wood Floors And Decks.....	0.59	
<i>For Oil Based Paint, Add</i>	0.04	
<i>For Up To 100, Add</i>	0.33	
<i>For >100 To 250, Add</i>	0.16	
<i>For >250 To 500, Add</i>	0.07	
<i>For >2,500 To 5,000, Deduct</i>	-0.03	
<i>For >5,000 To 10,000, Deduct</i>	-0.06	
<i>For >10,000 To 20,000, Deduct</i>	-0.09	
<i>For >20,000, Deduct</i>	-0.12	
<i>For Backroll, Add</i>	0.07	
09 91 23 00-0242 SF 1 Coat Paint, Sprayed, Paint Interior Wood Floors And Decks.....	0.73	
<i>For Oil Based Paint, Add</i>	0.05	
<i>For Up To 100, Add</i>	0.43	
<i>For >100 To 250, Add</i>	0.21	
<i>For >250 To 500, Add</i>	0.09	
<i>For >2,500 To 5,000, Deduct</i>	-0.04	
<i>For >5,000 To 10,000, Deduct</i>	-0.07	
<i>For >10,000 To 20,000, Deduct</i>	-0.11	
<i>For >20,000, Deduct</i>	-0.15	
<i>For Backroll, Add</i>	0.09	
09 91 23 00-0243 SF 2 Coats Paint, Sprayed, Paint Interior Wood Floors And Decks	1.07	
<i>For Oil Based Paint, Add</i>	0.07	
<i>For Up To 100, Add</i>	0.57	
<i>For >100 To 250, Add</i>	0.28	
<i>For >250 To 500, Add</i>	0.12	
<i>For >2,500 To 5,000, Deduct</i>	-0.05	
<i>For >5,000 To 10,000, Deduct</i>	-0.11	
<i>For >10,000 To 20,000, Deduct</i>	-0.16	
<i>For >20,000, Deduct</i>	-0.21	
<i>For Backroll, Add</i>	0.12	
09 91 23 00-0244 SF 1 Coat Non-Slip Paint, Brush Work, Paint Interior Wood Floors And Decks.....	2.23	
<i>For Up To 100, Add</i>	0.74	
<i>For >100 To 250, Add</i>	0.39	
<i>For >250 To 500, Add</i>	0.18	
<i>For >2,500 To 5,000, Deduct</i>	-0.11	
<i>For >5,000 To 10,000, Deduct</i>	-0.22	
<i>For >10,000 To 20,000, Deduct</i>	-0.33	
<i>For >20,000, Deduct</i>	-0.45	
09 91 23 00-0245 SF 1 Coat Non-Slip Epoxy Paint, Brush Work, Paint Interior Wood Floors And Decks	6.49	
<i>For Up To 100, Add</i>	1.38	
<i>For >100 To 250, Add</i>	0.82	
<i>For >250 To 500, Add</i>	0.39	
<i>For >2,500 To 5,000, Deduct</i>	-0.32	
<i>For >5,000 To 10,000, Deduct</i>	-0.65	
<i>For >10,000 To 20,000, Deduct</i>	-0.97	
<i>For >20,000, Deduct</i>	-1.30	
09 91 23 00-0246 LF 1 Coat Paint, Cut-in Brush Work, Paint Interior Wood Floors And Decks	0.16	
<i>For Up To 100, Add</i>	0.10	
<i>For >100 To 250, Add</i>	0.05	
<i>For >250 To 500, Add</i>	0.02	
<i>For >2,500 To 5,000, Deduct</i>	-0.01	
<i>For >5,000 To 10,000, Deduct</i>	-0.02	
<i>For >10,000 To 20,000, Deduct</i>	-0.02	
<i>For >20,000, Deduct</i>	-0.03	
09 91 23 00-0247 Paint Interior Doors And Windows <small>(09 91 23)</small>		
09 91 23 00-0248 Paint Interior Door Frames <small>(09 91 23 00-0247)</small>		
09 91 23 00-0249 LF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.08	
<i>For Oil Based Paint, Add</i>	0.06	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.29	
09 91 23 00-0250 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	1.40	
<i>For Oil Based Paint, Add</i>	0.08	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.37	
09 91 23 00-0251 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Door Frame And Trim.....	2.36	
<i>For Oil Based Paint, Add</i>	0.13	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.62	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	23 00-0252	LF	1 Coat Primer, Brush/Roller Work, Paint Interior Metal Door Frame And Trim <i>For Oil Based Paint, Add</i> <i>For Painting One Face Of Frame Only, Deduct</i>	1.11 0.06 -0.30	
09 91	23 00-0253	LF	1 Coat Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim <i>For Oil Based Paint, Add</i> <i>For Painting One Face Of Frame Only, Deduct</i>	1.43 0.08 -0.38	
09 91	23 00-0254	LF	2 Coats Paint, Brush/Roller Work, Paint Interior Metal Door Frame And Trim <i>For Oil Based Paint, Add</i> <i>For Painting One Face Of Frame Only, Deduct</i>	2.40 0.13 -0.63	
09 91 23 00-0255 Paint Interior Metal Doors (09 91 23 00-0247)					
09 91	23 00-0256	EA	1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i>	52.97 8.38 4.86 8.10 3.68 -2.65 -5.30 -7.95	
09 91	23 00-0257	EA	1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i>	52.97 8.38 4.86 8.10 3.68 -2.65 -5.30 -7.95	
09 91	23 00-0258	EA	2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i>	95.61 15.70 8.21 13.68 6.83 -4.78 -9.56 -14.34	
09 91	23 00-0259	EA	1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i>	95.05 15.05 8.71 14.52 6.60 -4.75 -9.51 -14.26	
09 91	23 00-0260	EA	1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i>	95.06 15.05 8.71 14.52 6.60 -4.75 -9.51 -14.26	
09 91	23 00-0261	EA	2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i>	172.23 28.32 14.74 24.57 12.31 -8.61 -17.22 -25.83	
09 91	23 00-0262	EA	1 Coat Primer, Sprayed, One Face, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i> <i>For Backroll, Add</i>	45.87 7.98 3.48 5.81 3.43 -2.29 -4.59 -6.88 4.62	
09 91	23 00-0263	EA	1 Coat Paint, Sprayed, One Face, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i> <i>For Backroll, Add</i>	45.87 7.98 3.48 5.81 3.43 -2.29 -4.59 -6.88 4.62	
09 91	23 00-0264	EA	2 Coats Paint, Sprayed, One Face, Paint Interior Metal Door <i>For Electrostatic Painting, Add</i> <i>For Half Louvered Door, Add</i> <i>For Full Louvered Door, Add</i> <i>For Oil Based Paint, Add</i> <i>For >5 To 10, Deduct</i> <i>For >10 To 25, Deduct</i> <i>For >25, Deduct</i> <i>For Backroll, Add</i>	84.22 15.17 5.88 9.81 6.46 -4.21 -8.42 -12.63 8.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0265 EA 1 Coat Primer, Sprayed, Both Faces, Paint Interior Metal Door	82.33	
<i>For Electrostatic Painting, Add</i>	14.34	
<i>For Half Louvered Door, Add</i>	6.25	
<i>For Full Louvered Door, Add</i>	10.41	
<i>For Oil Based Paint, Add</i>	6.15	
<i>For >5 To 10, Deduct</i>	-4.12	
<i>For >10 To 25, Deduct</i>	-8.23	
<i>For >25, Deduct</i>	-12.35	
<i>For Backroll, Add</i>	8.28	
09 91 23 00-0266 EA 1 Coat Paint, Sprayed, Both Faces, Paint Interior Metal Door	82.33	
<i>For Electrostatic Painting, Add</i>	14.34	
<i>For Half Louvered Door, Add</i>	6.25	
<i>For Full Louvered Door, Add</i>	10.41	
<i>For Oil Based Paint, Add</i>	6.15	
<i>For >5 To 10, Deduct</i>	-4.12	
<i>For >10 To 25, Deduct</i>	-8.23	
<i>For >25, Deduct</i>	-12.35	
<i>For Backroll, Add</i>	8.28	
09 91 23 00-0267 EA 2 Coats Paint, Sprayed, Both Faces, Paint Interior Metal Door	151.85	
<i>For Electrostatic Painting, Add</i>	27.39	
<i>For Half Louvered Door, Add</i>	10.57	
<i>For Full Louvered Door, Add</i>	17.62	
<i>For Oil Based Paint, Add</i>	11.66	
<i>For >5 To 10, Deduct</i>	-7.59	
<i>For >10 To 25, Deduct</i>	-15.19	
<i>For >25, Deduct</i>	-22.78	
<i>For Backroll, Add</i>	14.64	
09 91 23 00-0268 Paint Interior Wood Doors <small>(09 91 23 00-0247)</small>		
09 91 23 00-0269 EA 1 Coat Primer, Brush/Roller Work, One Face, Paint Interior Wood Door	47.70	
<i>For Oil Based Paint, Add</i>	3.15	
<i>For Half Louvered Door, Add</i>	4.86	
<i>For Full Louvered Door, Add</i>	8.10	
<i>For >5 To 10, Deduct</i>	-2.39	
<i>For >10 To 25, Deduct</i>	-4.77	
<i>For >25, Deduct</i>	-7.16	
09 91 23 00-0270 EA 1 Coat Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	47.70	
<i>For Oil Based Paint, Add</i>	3.15	
<i>For Half Louvered Door, Add</i>	4.86	
<i>For Full Louvered Door, Add</i>	8.10	
<i>For >5 To 10, Deduct</i>	-2.39	
<i>For >10 To 25, Deduct</i>	-4.77	
<i>For >25, Deduct</i>	-7.16	
09 91 23 00-0271 EA 2 Coats Paint, Brush/Roller Work, One Face, Paint Interior Wood Door	85.14	
<i>For Oil Based Paint, Add</i>	5.78	
<i>For Half Louvered Door, Add</i>	8.21	
<i>For Full Louvered Door, Add</i>	13.68	
<i>For >5 To 10, Deduct</i>	-4.26	
<i>For >10 To 25, Deduct</i>	-8.51	
<i>For >25, Deduct</i>	-12.77	
09 91 23 00-0272 EA 1 Coat Primer, Brush/Roller Work, Both Faces, Paint Interior Wood Door	85.59	
<i>For Oil Based Paint, Add</i>	5.66	
<i>For Half Louvered Door, Add</i>	8.71	
<i>For Full Louvered Door, Add</i>	14.52	
<i>For >5 To 10, Deduct</i>	-4.28	
<i>For >10 To 25, Deduct</i>	-8.56	
<i>For >25, Deduct</i>	-12.84	
09 91 23 00-0273 EA 1 Coat Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	85.59	
<i>For Oil Based Paint, Add</i>	5.66	
<i>For Half Louvered Door, Add</i>	8.71	
<i>For Full Louvered Door, Add</i>	14.52	
<i>For >5 To 10, Deduct</i>	-4.28	
<i>For >10 To 25, Deduct</i>	-8.56	
<i>For >25, Deduct</i>	-12.84	
09 91 23 00-0274 EA 2 Coats Paint, Brush/Roller Work, Both Faces, Paint Interior Wood Door	153.28	
<i>For Oil Based Paint, Add</i>	10.42	
<i>For Half Louvered Door, Add</i>	14.74	
<i>For Full Louvered Door, Add</i>	24.57	
<i>For >5 To 10, Deduct</i>	-7.66	
<i>For >10 To 25, Deduct</i>	-15.33	
<i>For >25, Deduct</i>	-22.99	
09 91 23 00-0275 EA 1 Coat Primer, Sprayed, One Face, Paint Interior Wood Door	40.07	
<i>For Oil Based Paint, Add</i>	2.85	
<i>For Half Louvered Door, Add</i>	3.48	
<i>For Full Louvered Door, Add</i>	5.81	
<i>For >5 To 10, Deduct</i>	-2.00	
<i>For >10 To 25, Deduct</i>	-4.01	
<i>For >25, Deduct</i>	-6.01	
<i>For Backroll, Add</i>	4.33	
09 91 23 00-0276 EA 1 Coat Paint, Sprayed, One Face, Paint Interior Wood Door	40.07	
<i>For Oil Based Paint, Add</i>	2.85	
<i>For Half Louvered Door, Add</i>	3.48	
<i>For Full Louvered Door, Add</i>	5.81	
<i>For >5 To 10, Deduct</i>	-2.00	
<i>For >10 To 25, Deduct</i>	-4.01	
<i>For >25, Deduct</i>	-6.01	
<i>For Backroll, Add</i>	4.33	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0277	EA		2 Coats Paint, Sprayed, One Face, Paint Interior Wood Door.....	72.71	
			<i>For Oil Based Paint, Add</i>	5.31	
			<i>For Half Louvered Door, Add</i>	5.89	
			<i>For Full Louvered Door, Add</i>	9.81	
			<i>For >5 To 10, Deduct</i>	-3.64	
			<i>For >10 To 25, Deduct</i>	-7.27	
			<i>For >25, Deduct</i>	-10.91	
			<i>For Backroll, Add</i>	7.56	
09 91 23 00-0278	EA		1 Coat Primer, Sprayed, Both Faces, Paint Interior Wood Door.....	71.91	
			<i>For Oil Based Paint, Add</i>	5.11	
			<i>For Half Louvered Door, Add</i>	6.25	
			<i>For Full Louvered Door, Add</i>	10.41	
			<i>For >5 To 10, Deduct</i>	-3.60	
			<i>For >10 To 25, Deduct</i>	-7.19	
			<i>For >25, Deduct</i>	-10.79	
			<i>For Backroll, Add</i>	7.76	
09 91 23 00-0279	EA		1 Coat Paint, Sprayed, Both Faces, Paint Interior Wood Door.....	71.91	
			<i>For Oil Based Paint, Add</i>	5.11	
			<i>For Half Louvered Door, Add</i>	6.25	
			<i>For Full Louvered Door, Add</i>	10.41	
			<i>For >5 To 10, Deduct</i>	-3.60	
			<i>For >10 To 25, Deduct</i>	-7.19	
			<i>For >25, Deduct</i>	-10.79	
			<i>For Backroll, Add</i>	7.76	
09 91 23 00-0280	EA		2 Coats Paint, Sprayed, Both Faces, Paint Interior Wood Door.....	131.00	
			<i>For Oil Based Paint, Add</i>	9.58	
			<i>For Half Louvered Door, Add</i>	10.57	
			<i>For Full Louvered Door, Add</i>	17.62	
			<i>For >5 To 10, Deduct</i>	-6.55	
			<i>For >10 To 25, Deduct</i>	-13.10	
			<i>For >25, Deduct</i>	-19.65	
			<i>For Backroll, Add</i>	13.60	
09 91 23 00-0281 Paint Interior Metal Windows (09 91 23 00-0247)					
Note: Two finish coats paint over rust inhibitive primer.					
09 91 23 00-0282	EA		Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.....	86.28	
			<i>For Oil Based Paint, Add</i>	5.00	
			<i>For Electrostatic Painting, Add</i>	10.68	
			<i>For >5 To 10, Deduct</i>	-4.31	
			<i>For >10 To 25, Deduct</i>	-8.63	
			<i>For >25, Deduct</i>	-12.94	
09 91 23 00-0283	EA		>8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.....	104.89	
			<i>For Oil Based Paint, Add</i>	6.30	
			<i>For Electrostatic Painting, Add</i>	13.66	
			<i>For >5 To 10, Deduct</i>	-5.24	
			<i>For >10 To 25, Deduct</i>	-10.49	
			<i>For >25, Deduct</i>	-15.73	
09 91 23 00-0284	EA		>14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.....	141.70	
			<i>For Oil Based Paint, Add</i>	8.59	
			<i>For Electrostatic Painting, Add</i>	18.67	
			<i>For >5 To 10, Deduct</i>	-7.09	
			<i>For >10 To 25, Deduct</i>	-14.17	
			<i>For >25, Deduct</i>	-21.26	
09 91 23 00-0285	EA		>20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.....	159.59	
			<i>For Oil Based Paint, Add</i>	9.68	
			<i>For Electrostatic Painting, Add</i>	21.05	
			<i>For >5 To 10, Deduct</i>	-7.98	
			<i>For >10 To 25, Deduct</i>	-15.96	
			<i>For >25, Deduct</i>	-23.94	
09 91 23 00-0286	EA		>26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.....	176.92	
			<i>For Oil Based Paint, Add</i>	10.71	
			<i>For Electrostatic Painting, Add</i>	23.29	
			<i>For >5 To 10, Deduct</i>	-8.85	
			<i>For >10 To 25, Deduct</i>	-17.69	
			<i>For >25, Deduct</i>	-26.54	
09 91 23 00-0287	SF		>34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Metal Window Including Trim, Brush/Roller Work.....	5.62	
			<i>For Oil Based Paint, Add</i>	0.34	
			<i>For Electrostatic Painting, Add</i>	0.74	
09 91 23 00-0288 Paint Interior Wood Windows (09 91 23 00-0247)					
Note: Two finish coats paint over primer.					
09 91 23 00-0289	EA		Up To 8 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work.....	82.78	
			<i>For Oil Based Paint, Add</i>	4.65	
			<i>For >5 To 10, Deduct</i>	-4.14	
			<i>For >10 To 25, Deduct</i>	-8.28	
			<i>For >25, Deduct</i>	-12.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0290 EA >8 To 14 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	99.48	
<i>For Oil Based Paint, Add</i>	5.76	
<i>For >5 To 10, Deduct</i>	-4.97	
<i>For >10 To 25, Deduct</i>	-9.95	
<i>For >25, Deduct</i>	-14.92	
09 91 23 00-0291 EA >14 To 20 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	137.80	
<i>For Oil Based Paint, Add</i>	8.01	
<i>For >5 To 10, Deduct</i>	-6.89	
<i>For >10 To 25, Deduct</i>	-13.78	
<i>For >25, Deduct</i>	-20.67	
09 91 23 00-0292 EA >20 To 26 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	155.16	
<i>For Oil Based Paint, Add</i>	9.02	
<i>For >5 To 10, Deduct</i>	-7.76	
<i>For >10 To 25, Deduct</i>	-15.52	
<i>For >25, Deduct</i>	-23.27	
09 91 23 00-0293 EA >26 To 34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	167.37	
<i>For Oil Based Paint, Add</i>	9.76	
<i>For >5 To 10, Deduct</i>	-8.37	
<i>For >10 To 25, Deduct</i>	-16.74	
<i>For >25, Deduct</i>	-25.11	
09 91 23 00-0294 SF >34 SF Window Size, 1 Coat Primer And Two Coats Paint, Brush Work, Interior Wood Windows Including Trim, Brush/Roller Work	5.59	
<i>For Oil Based Paint, Add</i>	0.32	
09 91 23 00-0295 Paint Interior Security Screens (09 91 23 00-0247)		
09 91 23 00-0296 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Security Screen	1.34	
<i>For Oil Based Paint, Add</i>	0.08	
<i>For Electrostatic Painting, Add</i>	0.18	
09 91 23 00-0297 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Security Screen	1.37	
<i>For Oil Based Paint, Add</i>	0.08	
<i>For Electrostatic Painting, Add</i>	0.17	
09 91 23 00-0298 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Security Screen.....	2.26	
<i>For Oil Based Paint, Add</i>	0.13	
<i>For Electrostatic Painting, Add</i>	0.28	
09 91 23 00-0299 Paint Interior Window Guards (09 91 23 00-0247)		
09 91 23 00-0300 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Guards	1.34	
<i>For Oil Based Paint, Add</i>	0.08	
09 91 23 00-0301 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Guards.....	1.37	
<i>For Oil Based Paint, Add</i>	0.08	
09 91 23 00-0302 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Guards.....	2.26	
<i>For Oil Based Paint, Add</i>	0.13	
09 91 23 00-0303 Paint Interior Window Trim (09 91 23 00-0247)		
09 91 23 00-0304 LF 1 Coat Primer, Brush/Roller Work, Paint Interior Wood Window Frame And Trim.....	1.30	
<i>For Oil Based Paint, Add</i>	0.08	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.37	
09 91 23 00-0305 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim.....	1.30	
<i>For Oil Based Paint, Add</i>	0.08	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.37	
09 91 23 00-0306 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Wood Window Frame And Trim	2.83	
<i>For Oil Based Paint, Add</i>	0.17	
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.79	
09 91 23 00-0307 LF 1 Coat Primer, Brush/Roller Work, Paint Interior Metal Window Frame And Trim	1.47	
Note: Brush/roller work.		
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.44	
09 91 23 00-0308 LF 1 Coat Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim	1.47	
Note: Brush/roller work.		
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.44	
09 91 23 00-0309 LF 2 Coats Paint, Brush/Roller Work, Paint Interior Metal Window Frame And Trim.....	3.16	
Note: Brush/roller work.		
<i>For Painting One Face Of Frame Only, Deduct</i>	-0.93	
09 91 23 00-0310 Paint Interior Cabinets And Casework (09 91 23)		
09 91 23 00-0311 Paint Interior Wood Cabinets And Casework (09 91 23 00-0310)		
09 91 23 00-0312 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.19	
<i>For >5,000 To 10,000, Deduct</i>	-0.06	
<i>For >10,000 To 20,000, Deduct</i>	-0.12	
<i>For >20,000, Deduct</i>	-0.18	
09 91 23 00-0313 SF 1 Coat Enamel Primer And 1 Coat Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework	1.65	
<i>For >5,000 To 10,000, Deduct</i>	-0.08	
<i>For >10,000 To 20,000, Deduct</i>	-0.17	
<i>For >20,000, Deduct</i>	-0.25	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0314	SF		1 Coat Enamel Primer And 2 Coats Alkyd Or Latex Paint, Brush/Roller Work, Paint Interior Wood Cabinets And Casework.....	2.70	
			<i>For >5,000 To 10,000, Deduct</i>	-0.14	
			<i>For >10,000 To 20,000, Deduct</i>	-0.27	
			<i>For >20,000, Deduct</i>	-0.41	
09 91 23 00-0315			Paint Exposed Metal Lockers And Cabinets (09 91 23 00-0310)		
09 91 23 00-0316	SF		1 Coat Primer, Brush/Roller Work, Paint Exposed Metal Locker	1.25	
			<i>For >5,000 To 10,000, Deduct</i>	-0.06	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0317	SF		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	1.25	
			<i>For >5,000 To 10,000, Deduct</i>	-0.06	
			<i>For >10,000 To 20,000, Deduct</i>	-0.13	
			<i>For >20,000, Deduct</i>	-0.19	
09 91 23 00-0318	SF		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Exposed Metal Locker	2.33	
			<i>For >5,000 To 10,000, Deduct</i>	-0.12	
			<i>For >10,000 To 20,000, Deduct</i>	-0.23	
			<i>For >20,000, Deduct</i>	-0.35	
09 91 23 00-0319			Paint Interior Stairs (09 91 23)		
09 91 23 00-0320			Paint Interior Concrete Stairs (09 91 23 00-0319)		
			Note: Includes the riser and tread.		
09 91 23 00-0321	RSR		1 Coat Primer, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide)	16.49	
09 91 23 00-0322	RSR		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	16.49	
09 91 23 00-0323	RSR		1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	14.50	
			Note: Excludes riser.		
09 91 23 00-0324	RSR		1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	31.54	
			Note: Excludes riser.		
09 91 23 00-0325	RSR		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Concrete Stair (To 4' Wide).....	32.99	
09 91 23 00-0326			Paint Interior Metal Stairs (09 91 23 00-0319)		
			Note: Includes the riser and tread.		
09 91 23 00-0327	RSR		1 Coat Primer, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	9.05	
09 91 23 00-0328	RSR		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	8.72	
09 91 23 00-0329	RSR		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Metal Stair (To 4' Wide).....	17.43	
09 91 23 00-0330			Paint Interior Wood Stairs (09 91 23 00-0319)		
			Note: Includes the riser and tread.		
09 91 23 00-0331	RSR		1 Coat Primer, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	8.53	
09 91 23 00-0332	RSR		1 Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	8.52	
09 91 23 00-0333	RSR		1 Coat Non-Slip Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	10.51	
			Note: Excludes riser.		
09 91 23 00-0334	RSR		1 Coat Non-Slip Epoxy Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide).....	27.55	
			Note: Excludes riser.		
09 91 23 00-0335	RSR		2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Wood Stair (To 4' Wide)	17.05	
09 91 23 00-0336			Paint Interior Stair Nosing (09 91 23 00-0319)		
09 91 23 00-0337	LF		1 Coat Paint, Up To 2", Non-Slip, Brush Work, Paint Interior Yellow Stair Safety Strip	1.48	
09 91 23 00-0338			Paint Interior Trim (09 91 23)		
09 91 23 00-0339			Paint Interior Metal Trim (09 91 23 00-0338)		
09 91 23 00-0340	SF		1 Coat Primer, Brush Work, Paint Interior Exposed Metal Trim	1.14	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.14	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.38	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.52	
			<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0341	SF		1 Coat Paint, Brush Work, Paint Interior Exposed Metal Trim	1.24	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.16	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.26	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.42	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.57	
			<i>Note: Applied only to work area above 40'.</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0342 SF 2 Coats Paint, Brush Work, Paint Interior Exposed Metal Trim.....	2.23	
For Work >15' To 20' Above Floor, Add	0.28	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.46	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.74	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.01	
Note: Applied only to work area above 40'.		
09 91 23 00-0343 SF 1 Coat Primer, Brush/Roller Work, Paint Interior Exposed Metal Trim.....	0.95	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
09 91 23 00-0344 SF 1 Coat Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.04	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.34	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.46	
Note: Applied only to work area above 40'.		
09 91 23 00-0345 SF 2 Coats Paint, Brush/Roller Work, Paint Interior Exposed Metal Trim	1.86	
For Work >15' To 20' Above Floor, Add	0.22	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.37	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.59	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.81	
Note: Applied only to work area above 40'.		
09 91 23 00-0346 Paint Interior Wood Trim (09 91 23 00-0338)		
09 91 23 00-0347 LF 1 Coat Primer, Brush Work, Paint Interior Wood Trim To 6" Wide.....	0.74	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.17	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.27	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.37	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.04	
09 91 23 00-0348 LF 1 Coat Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	0.81	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.04	
09 91 23 00-0349 LF 2 Coats Paint, Brush Work, Paint Interior Wood Trim To 6" Wide	1.70	
For Work >15' To 20' Above Floor, Add	0.24	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.40	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.64	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.87	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.09	
09 91 23 00-0350 SF 1 Coat Primer, Brush Work, Paint Interior Wood Trim	2.28	
For Work >15' To 20' Above Floor, Add	0.30	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.50	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.80	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	1.09	
Note: Applied only to work area above 40'.		
For Oil Based Paint, Add	0.13	

09 Finishes

09 90 Painting and Coating

09 91 Painting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0351	SF	1	Coat Paint, Brush Work, Paint Interior Wood Trim.....	2.53	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.33	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.55	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.88	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	1.22	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Oil Based Paint, Add</i>	0.14	
09 91 23 00-0352	SF	2	Coats Paint, Brush Work, Paint Interior Wood Trim.....	4.60	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.59	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.99	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	1.58	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	2.17	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Oil Based Paint, Add</i>	0.26	
09 91 23 00-0353	SF	1	Coat Primer, Brush/Roller Work, Paint Interior Wood Trim.....	1.87	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.63	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.87	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Oil Based Paint, Add</i>	0.11	
09 91 23 00-0354	SF	1	Coat Paint, Brush/Roller Work, Paint Interior Wood Trim.....	2.09	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.27	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.44	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.71	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.97	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Oil Based Paint, Add</i>	0.12	
09 91 23 00-0355	SF	2	Coats Paint, Brush/Roller Work, Paint Interior Wood Trim.....	3.78	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.47	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.78	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	1.25	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	1.72	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Oil Based Paint, Add</i>	0.22	
09 91 23 00-0356			Paint Interior Metal Surfaces (09 91 23)		
09 91 23 00-0357			Paint Interior Miscellaneous Metal Surfaces (09 91 23 00-0356)		
09 91 23 00-0358	SF	1	Coat Alkyd Anticorrosive Metal Primer, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	0.79	
			<i>For Electrostatic Painting, Add</i>	0.11	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.09	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.15	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.24	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.32	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.47	
			<i>For >100 To 250, Add</i>	0.23	
			<i>For >250 To 500, Add</i>	0.10	
			<i>For >2,500 To 5,000, Deduct</i>	-0.04	
			<i>For >5,000 To 10,000, Deduct</i>	-0.08	
			<i>For >10,000 To 20,000, Deduct</i>	-0.12	
			<i>For >20,000, Deduct</i>	-0.16	
09 91 23 00-0359	SF	1	Coat Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	0.93	
			<i>For Electrostatic Painting, Add</i>	0.12	
			<i>For Work >15' To 20' Above Floor, Add</i>	0.11	
			<i>Note: Applied only to work area above 15' to 20'.</i>		
			<i>For Work >20' To 30' Above Floor, Add</i>	0.18	
			<i>Note: Applied only to work area above 20' to 30'.</i>		
			<i>For Work >30' To 40' Above Floor, Add</i>	0.29	
			<i>Note: Applied only to work area above 30' to 40'.</i>		
			<i>For Work >40' Above Floor, Add</i>	0.40	
			<i>Note: Applied only to work area above 40'.</i>		
			<i>For Up To 100, Add</i>	0.58	
			<i>For >100 To 250, Add</i>	0.28	
			<i>For >250 To 500, Add</i>	0.12	
			<i>For >2,500 To 5,000, Deduct</i>	-0.05	
			<i>For >5,000 To 10,000, Deduct</i>	-0.09	
			<i>For >10,000 To 20,000, Deduct</i>	-0.14	
			<i>For >20,000, Deduct</i>	-0.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0360 SF 2 Coats Alkyd Enamel Paint, Brush/Roller Work, Paint Interior Miscellaneous Metal Surfaces.....	1.67	
For Electrostatic Painting, Add	0.22	
For Work >15' To 20' Above Floor, Add	0.20	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.33	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.53	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.73	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.04	
For >100 To 250, Add	0.50	
For >250 To 500, Add	0.22	
For >2,500 To 5,000, Deduct	-0.08	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.25	
For >20,000, Deduct	-0.33	
09 91 23 00-0361 SF 1 Coat Alkyd Anticorrosive Metal Primer, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.04	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
For Backroll, Add	0.13	
09 91 23 00-0362 SF 1 Coat Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.04	
For Electrostatic Painting, Add	0.14	
For Work >15' To 20' Above Floor, Add	0.12	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.21	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.33	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.45	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.65	
For >100 To 250, Add	0.31	
For >250 To 500, Add	0.13	
For >2,500 To 5,000, Deduct	-0.05	
For >5,000 To 10,000, Deduct	-0.10	
For >10,000 To 20,000, Deduct	-0.16	
For >20,000, Deduct	-0.21	
For Backroll, Add	0.13	
09 91 23 00-0363 SF 2 Coats Alkyd Enamel Paint, Sprayed, Paint Interior Miscellaneous Metal Surfaces	1.70	
For Electrostatic Painting, Add	0.23	
For Work >15' To 20' Above Floor, Add	0.19	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.32	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.51	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.70	
Note: Applied only to work area above 40'.		
For Up To 100, Add	1.02	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.21	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.17	
For >10,000 To 20,000, Deduct	-0.26	
For >20,000, Deduct	-0.34	
For Backroll, Add	0.21	
09 91 23 00-0364 LF 1 Coat Alkyd Enamel, Cut-in Brush Work, Paint Interior Miscellaneous Exposed Metal.....	0.15	
For Electrostatic Painting, Add	0.02	
For Work >15' To 20' Above Floor, Add	0.02	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.03	
Note: Applied only to work area above 20' to 30'.		
For Work >30' To 40' Above Floor, Add	0.05	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.07	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.09	
For >100 To 250, Add	0.05	
For >250 To 500, Add	0.02	
For >2,500 To 5,000, Deduct	-0.01	
For >5,000 To 10,000, Deduct	-0.02	
For >10,000 To 20,000, Deduct	-0.02	
For >20,000, Deduct	-0.03	

09 Finishes**09 90 Painting and Coating****09 91 Painting**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 91 23 00-0365		Stencil Painting Letters/Numbers <small>(09 91 23)</small>		
		Note: Painting on walls, floors, poles, etc. Includes stencil cutout and paint.		
09 91 23 00-0366	EA	Up To 1" High, Stencil Painting, Per Letter/Number	1.87	
		For >200 To 500, Deduct	-0.15	
		For >500 To 1,000, Deduct	-0.23	
		For >1,000 To 2,000, Deduct	-0.30	
		For >2,000, Deduct	-0.37	
09 91 23 00-0367	EA	1" To 2" High, Stencil Painting, Per Letter/Number	2.16	
		For >200 To 500, Deduct	-0.17	
		For >500 To 1,000, Deduct	-0.27	
		For >1,000 To 2,000, Deduct	-0.35	
		For >2,000, Deduct	-0.43	
09 91 23 00-0368	EA	2" To 3" High, Stencil Painting, Per Letter/Number	3.64	
		For >200 To 500, Deduct	-0.29	
		For >500 To 1,000, Deduct	-0.46	
		For >1,000 To 2,000, Deduct	-0.58	
		For >2,000, Deduct	-0.73	
09 91 23 00-0369	EA	3" To 4" High, Stencil Painting, Per Letter/Number	4.47	
		For >200 To 500, Deduct	-0.36	
		For >500 To 1,000, Deduct	-0.56	
		For >1,000 To 2,000, Deduct	-0.72	
		For >2,000, Deduct	-0.89	
09 91 23 00-0370	EA	4" To 6" High, Stencil Painting, Per Letter/Number	6.14	
		For >200 To 500, Deduct	-0.49	
		For >500 To 1,000, Deduct	-0.77	
		For >1,000 To 2,000, Deduct	-0.98	
		For >2,000, Deduct	-1.23	
09 91 23 00-0371	EA	6" To 12" High, Stencil Painting, Per Letter/Number	8.16	
		For >200 To 500, Deduct	-0.65	
		For >500 To 1,000, Deduct	-1.02	
		For >1,000 To 2,000, Deduct	-1.31	
		For >2,000, Deduct	-1.63	
09 91 23 00-0372	EA	Over 12" High, Stencil Painting, Per Letter/Number	9.61	
		For >200 To 500, Deduct	-0.77	
		For >500 To 1,000, Deduct	-1.20	
		For >1,000 To 2,000, Deduct	-1.54	
		For >2,000, Deduct	-1.92	
09 91 23 00-0373		Paint Additives <small>(09 91 23)</small>		
09 91 23 00-0374	SF	Mildewcide/Mold Killing Paint Additive Per Each Coat.....	0.02	
09 91 23 00-0375	SF	Class "B" Fire Rating, Fire Resistant Paint Additive.....	0.08	
		For Class "A" Fire Rating, Add	0.08	
09 91 23 00-0376		Hand Painting Letters/Numbers <small>(09 91 23)</small>		
		Note: Painting on walls, floors, poles, signs, etc.		
09 91 23 00-0377	EA	Up To 1" High, Hand Paint, Per Letter/Number	2.29	
09 91 23 00-0378	EA	1" To 2" High, Hand Paint, Per Letter/Number	2.67	
09 91 23 00-0379	EA	2" To 3" High, Hand Paint, Per Letter/Number	4.03	
09 91 23 00-0380	EA	3" To 4" High, Hand Paint, Per Letter/Number	4.93	
09 91 23 00-0381	EA	4" To 6" High, Hand Paint, Per Letter/Number	6.80	
09 91 23 00-0382	EA	6" To 12" High, Hand Paint, Per Letter/Number	8.62	
09 91 23 00-0383	EA	Over 12" High, Hand Paint, Per Letter/Number	10.10	
09 91 23 00-0384		Glove/Mitt Application <small>(09 91 23)</small>		
09 91 23 00-0385		Conduit/Pipe <small>(09 91 23 00-0384)</small>		
09 91 23 00-0386	CSF	Acid Wash (Muriatic Acid) Conduit Or Pipe With Glove/Mitt	43.26	
		For Work >15' To 20' Above Floor, Add	6.03	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	10.05	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	16.08	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	22.12	
		Note: Applied only to work area above 40'.		
09 91 23 00-0387	CSF	Metal Primer Conduit Or Pipe With Glove/Mitt	72.88	
		For Work >15' To 20' Above Floor, Add	7.24	
		Note: Applied only to work area above 15' to 20'.		
		For Work >20' To 30' Above Floor, Add	12.06	
		Note: Applied only to work area above 20' to 30'.		
		For Work >30' To 40' Above Floor, Add	19.30	
		Note: Applied only to work area above 30' to 40'.		
		For Work >40' Above Floor, Add	26.54	
		Note: Applied only to work area above 40'.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91 23 00-0388 CSF Enamel Paint, Oil Base Paint, First Coat Conduit Or Pipe With Glove/Mitt.....	57.56	
<i>For Work >15' To 20' Above Floor, Add</i>	5.31	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	8.85	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	14.15	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	19.46	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0389 CSF Enamel Paint, Oil Base Paint, Second Coat Conduit Or Pipe With Glove/Mitt	47.31	
<i>For Work >15' To 20' Above Floor, Add</i>	3.98	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	6.64	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	10.62	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	14.60	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0390 CSF Epoxy Paint, First Coat Conduit Or Pipe With Glove/Mitt	90.30	
<i>For Work >15' To 20' Above Floor, Add</i>	6.03	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	10.05	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	16.08	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	22.12	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0391 CSF Epoxy Paint, Second Coat Conduit Or Pipe With Glove/Mitt	83.39	
<i>For Work >15' To 20' Above Floor, Add</i>	5.31	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	8.85	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	14.15	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	19.46	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0392 Ductwork <small>(09 91 23 00-0384)</small>		
09 91 23 00-0393 CSF Acid Wash (Muriatic Acid) Ductwork With Glove/Mitt.....	43.26	
<i>For Work >15' To 20' Above Floor, Add</i>	6.03	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	10.05	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	16.08	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	22.12	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0394 CSF Metal Primer Ductwork With Glove/Mitt.....	66.94	
<i>For Work >15' To 20' Above Floor, Add</i>	6.03	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	10.05	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	16.08	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	22.12	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0395 CSF Enamel Paint, Oil Base Paint Ductwork With Glove/Mitt.....	52.31	
<i>For Work >15' To 20' Above Floor, Add</i>	4.83	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	8.04	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	12.87	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	17.69	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0396 CSF Epoxy Paint, First Coat Ductwork With Glove/Mitt.....	86.70	
<i>For Work >15' To 20' Above Floor, Add</i>	6.03	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	10.05	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	16.08	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	22.12	
<i>Note: Applied only to work area above 40'.</i>		
09 91 23 00-0397 CSF Epoxy Paint, Second Coat Ductwork With Glove/Mitt.....	75.75	
<i>For Work >15' To 20' Above Floor, Add</i>	4.83	
<i>Note: Applied only to work area above 15' to 20'.</i>		
<i>For Work >20' To 30' Above Floor, Add</i>	8.04	
<i>Note: Applied only to work area above 20' to 30'.</i>		
<i>For Work >30' To 40' Above Floor, Add</i>	12.87	
<i>Note: Applied only to work area above 30' to 40'.</i>		
<i>For Work >40' Above Floor, Add</i>	17.69	
<i>Note: Applied only to work area above 40'.</i>		

09 91 33

Painting Materials (09 91)

Note: Paint per gallon for owners to obtain extra paint. Not to be used in conjunction with other painting tasks.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 91	33 00-0001		Primer (09 91 33)		
09 91	33 00-0002	GAL	Alkyd Primer/Sealer, Interior, 500 SF Per Gallon.....	50.91	
09 91	33 00-0003	GAL	Alkyd Wood Primer, Exterior, 400 SF Per Gallon.....	37.14	
09 91	33 00-0004	GAL	Prime Coat Oil Wood Primer, 310 SF Per Gallon.....	47.09	
09 91	33 00-0005	GAL	Catalyzed Epoxy Primer, Two Component Type, 425 SF Per Gallon.....	116.50	
09 91	33 00-0006	EA	Cement Base Primer, 25 LB Sack.....	38.84	
09 91	33 00-0007	GAL	Alkali Resistant Concrete And Masonry Primer, Exterior, 225 SF Per Gallon.....	59.87	
09 91	33 00-0008	GAL	Alkali Resistant Concrete And Masonry Primer, Interior, 225 SF Per Gallon.....	48.06	
09 91	33 00-0009	GAL	Acrylic Latex Primer, Flat Exterior, Fast Drying Wood Undercoat And Back Primer, 400 SF Per Gallon.....	37.14	
09 91	33 00-0010	GAL	Acrylic (Vinyl Acrylic) Block Filler, 50 SF Per Gallon.....	33.74	
09 91	33 00-0011	GAL	Acrylic (Vinyl Acrylic) Rust Inhibiting Metal, Primer - 500 SF Per Gallon: Paint - 260 SF Per Gallon.....	59.47	
09 91	33 00-0012	GAL	Acrylic Heavy Duty Wall Primer/Sealer, Low Odor Type, Alkali-Resistant, 800 SF Per Gallon.....	49.52	
09 91	33 00-0013	GAL	Acrylic (Vinyl Acrylic) Undercoat, All Purpose, Interior/Exterior, 500 SF Per Gallon.....	49.52	
09 91	33 00-0014	GAL	Latex Wood Primer, Exterior, 300 SF Per Gallon.....	55.83	
09 91	33 00-0015	GAL	Linseed (Oil Base) Primer, Exterior/Interior, 300 SF Per Gallon.....	36.41	
09 91	33 00-0016	GAL	Red Alkyd Primer, 500 SF Per Gallon.....	87.13	
09 91	33 00-0017	GAL	Wood Sealer/Primer, Interior, Clear, 600 SF Per Gallon.....	38.84	
09 91	33 00-0018	GAL	Zinc Chromate Primer, 300 SF Per Gallon.....	31.07	
09 91	33 00-0019	GAL	Zinc Dust/Zinc Oxide Primer, 300 SF Per Gallon.....	80.34	
09 91	33 00-0020	GAL	Stain Killer, Alcohol Base.....	50.10	
09 91	33 00-0021	GAL	Sealer, Primer Kilz, 400 SF Per Gallon.....	56.53	
09 91	33 00-0022		Paint (09 91 33)		
09 91	33 00-0023	GAL	Aluminum Fiber Roof Coat On Composition Roof, 50 SF Per Gallon.....	27.19	
09 91	33 00-0024	GAL	Acrylic Urethane Sealer.....	134.80	
09 91	33 00-0025	GAL	Asphalt-Fiber Roof And Foundation Coating, Solvent Type.....	14.56	
			Note: 75 SF per gallon on roof or concrete, 100 SF per gallon on metal.		
09 91	33 00-0026	GAL	Concrete Enamel Epoxy, 350 SF Per Gallon.....	84.23	
09 91	33 00-0027	GAL	Concrete Acrylic Sealer, 400 SF Per Gallon.....	44.18	
09 91	33 00-0028	GAL	Tar Emulsion, Driveway Coating, 120 SF Per Gallon.....	14.56	
09 91	33 00-0029	GAL	Acrylic Latex, Driveway Coating, 250 SF Per Gallon.....	22.09	
09 91	33 00-0030	GAL	Exterior, Oil Base, Gloss Enamel, 400 SF Per Gallon.....	60.24	
09 91	33 00-0031	GAL	Exterior, Oil Base, Gloss, 400 SF Per Gallon.....	59.47	
09 91	33 00-0032	GAL	Exterior, Oil Base, Semi-Gloss, 400 SF Per Gallon.....	48.55	
09 91	33 00-0033	GAL	Exterior, Flat, Oil Base.....	44.50	
09 91	33 00-0034	GAL	Exterior, Latex, Semi-Gloss, 400 SF Per Gallon.....	42.24	
09 91	33 00-0035	GAL	Exterior, Flat Latex, Trim Paint, 500 SF Per Gallon.....	49.76	
09 91	33 00-0036	GAL	Exterior, Latex Flat Paint, 300 SF Per Gallon.....	44.18	
09 91	33 00-0037	GAL	Exterior, Water Base, Latex Gloss Enamel.....	62.88	
09 91	33 00-0038	GAL	Cold Galvanizing Paint.....	344.87	
09 91	33 00-0039	GAL	High Heat Paint.....	123.36	
09 91	33 00-0040	GAL	Heat Resistant Paint.....	82.24	
09 91	33 00-0041	GAL	Zinc Chromate Paint.....	74.40	
09 91	33 00-0042	QT	Anti-Rust Enamel, 500 SF Per Quart.....	29.37	
09 91	33 00-0043	GAL	Rust Inhibitor, Ferrous Metal.....	82.24	
09 91	33 00-0044	GAL	Masonry Waterproofing, 100 SF Per Gallon.....	44.18	
09 91	33 00-0045	GAL	Alkyd Latex, Black.....	61.03	
09 91	33 00-0046	GAL	Alkyd Latex, White.....	55.48	
09 91	33 00-0047	GAL	Alkyd Latex, Colors.....	66.90	
09 91	33 00-0048	QT	Wrought Iron Paint, Black.....	75.06	
09 91	33 00-0049	GAL	Vinyl Paint.....	74.28	
09 91	33 00-0050	GAL	Silicone Alkyd.....	90.30	
09 91	33 00-0051	GAL	2 Component Solvent Based Acrylic Epoxy.....	91.75	
09 91	33 00-0052	GAL	2 Component Solvent Based Polyester Epoxy.....	115.05	
09 91	33 00-0053	GAL	Chlorinated Rubber.....	84.47	
09 91	33 00-0054	GAL	Polyamide Epoxy Sealer.....	87.38	
09 91	33 00-0055	GAL	Coal Tar Epoxy.....	62.62	
09 91	33 00-0056	GAL	Swimming Pool Enamel, 350 SF Per Gallon.....	78.16	
09 91	33 00-0057	GAL	Swimming Pool Epoxy Or Urethane Base.....	101.95	
09 91	33 00-0058	GAL	Swimming Pool Rubber Base.....	69.91	
09 91	33 00-0059	GAL	Interior, Latex Flat Paint, 300 SF Per Gallon.....	44.42	
09 91	33 00-0060	GAL	Interior, Latex Eggshell Or Semi-Gloss Enamel, 300 SF Per Gallon.....	54.74	
09 91	33 00-0061	GAL	Interior, Fire-Retardant Flat Paint, 200 SF Per Gallon.....	91.02	
09 91	33 00-0062	GAL	Interior, Ceiling White Latex Flat, 350 SF Per Gallon.....	30.83	
09 91	33 00-0063	GAL	Linseed Oil.....	26.94	
09 91	33 00-0064	GAL	Latex Floor Paint, 300 SF Per Gallon.....	44.18	
09 91	33 00-0065	GAL	Acrylic Floor Paint, 400 SF Per Gallon.....	49.76	
09 91	33 00-0066	GAL	Textured Paint, Sand Texture Latex, Armor Coat, 100 SF Per Gallon.....	45.51	
09 91	33 00-0067	GAL	Acoustic Spray-On Texture, Finish.....	36.57	
09 91	33 00-0068		Stain, Varnish (09 91 33)		
09 91	33 00-0069	GAL	Thompson Water Sealer, 150 SF Per Gallon.....	25.24	
09 91	33 00-0070	GAL	Latex Redwood Stain, Water Base, 300 SF Per Gallon.....	47.09	
09 91	33 00-0071	GAL	Redwood Oil Stain, 300 SF Per Gallon.....	41.99	
09 91	33 00-0072	GAL	Varnish, Clear.....	41.33	
09 91	33 00-0073	GAL	Penetrating Water-Repellent Stain.....	30.02	
09 91	33 00-0074	GAL	Redwood Hue Or Clear Stain.....	26.83	
09 91	33 00-0075	GAL	Polyurethane.....	47.10	
09 91	33 00-0076	GAL	Lacquer, Semi-Gloss.....	44.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 91 33 00-0077	GAL Shellac, Clear	58.13
09 91 33 00-0078	GAL Acetone	19.18
09 91 33 00-0079	GAL Paint Thinner	4.73
09 91 33 00-0080	GAL Shellac Or Lacquer Thinner	19.42
09 91 33 00-0081	GAL Turpentine	26.70
09 91 33 00-0082	GAL Wood Filler Paste	45.63
09 91 33 00-0083	GAL Wood Preservative, Pentachlorophenol, General Purpose, 40%, 150 SF Per Gallon	36.41
09 91 33 00-0084	GAL Waterbased Alkyd Urethane (Sherwin Williams B53W01153).....	101.06

09 91 43 Surface Preparation (09 91)

See CSI section 09 01 90 52-0000 for preparation on painted or unpainted surfaces.

09 91 43 00-0001 Protection Of Surfaces (09 91 43)

09 91 43 00-0002	SF Drop Cloths.....	0.39
	Note: Remove after use.	
09 91 43 00-0003	LF Painter Masking Tape.....	0.26
	Note: Remove after use.	

09 93 Staining and Transparent Finishing (09 90)

Note: Includes light sanding or screening between coats.

09 93 13 Exterior Staining and Finishing (09 93)

09 93 13 53 Exterior Finishing (09 93 13)

09 93 13 53-0001 Stain Sealer (09 93 13 53)

Note: Measured by surface area of wall or ceiling.

09 93 13 53-0002	SF Stain Sealer, Brush Work	0.90
	<i>For Ceiling Work, Add</i>	0.12
	<i>For >5,000 To 10,000, Deduct</i>	-0.03
	<i>For >10,000 To 20,000, Deduct</i>	-0.05
	<i>For >20,000, Deduct</i>	-0.08
09 93 13 53-0003	SF Stain Sealer, Brush/Roller Work	0.73
	<i>For Ceiling Work, Add</i>	0.09
	<i>For >5,000 To 10,000, Deduct</i>	-0.02
	<i>For >10,000 To 20,000, Deduct</i>	-0.04
	<i>For >20,000, Deduct</i>	-0.06
09 93 13 53-0004	SF Stain Sealer, Sprayed.....	0.30
	<i>For Ceiling Work, Add</i>	0.03
	<i>For >5,000 To 10,000, Deduct</i>	-0.01
	<i>For >10,000 To 20,000, Deduct</i>	-0.02
	<i>For >20,000, Deduct</i>	-0.03

09 93 23 Interior Staining and Finishing (09 93)

Note: VOC compliant in all regulated areas, review specifications for levels.

09 93 23 13 Interior Staining (09 93 23)

09 93 23 13-0001 Stain Wood Trim (09 93 23 13)

09 93 23 13-0002	LF Stain Wood Trim, Up To 6" Wide, 1 Coat Stain, With Brush And Wipe Off.....	1.09
	<i>For Up To 100, Add</i>	0.77
	<i>For >100 To 250, Add</i>	0.36
	<i>For >250 To 500, Add</i>	0.16
	<i>For >4,000, Deduct</i>	-0.05
09 93 23 13-0003	SF Stain Wood Trim, 1 Coat Stain, With Brush And Wipe Off.....	1.62
	<i>For Up To 100, Add</i>	1.13
	<i>For >100 To 250, Add</i>	0.53
	<i>For >250 To 500, Add</i>	0.23
	<i>For >4,000, Deduct</i>	-0.08

09 93 23 13-0004 Stain Wood Floor (09 93 23 13)

09 93 23 13-0005	SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush Work.....	0.53
	<i>For Up To 100, Add</i>	0.31
	<i>For >100 To 250, Add</i>	0.15
	<i>For >250 To 500, Add</i>	0.07
	<i>For >4,000, Deduct</i>	-0.03
09 93 23 13-0006	SF Stain Or Varnish Wood Floor, 1 Coat Stain, Brush/Roller Work	0.40
	<i>For Up To 100, Add</i>	0.22
	<i>For >100 To 250, Add</i>	0.11
	<i>For >250 To 500, Add</i>	0.05
	<i>For >4,000, Deduct</i>	-0.02

09 93 23 13-0007 Stain Wood Door And Window (09 93 23 13)

09 93 23 13-0008	EA Stain Wood Door, 1 Coat Stain With Brush And Wipe Off Wood Door (Per Face)	51.96
	<i>For Up To 4, Add</i>	37.71
	<i>For >4 To 10, Add</i>	17.66
	<i>For >10 To 20, Add</i>	7.58
	<i>For >160, Deduct</i>	-2.60

09 Finishes**09 90 Painting and Coating****09 93 Staining and Transparent Finishing**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
09 93 23 13-0009	EA	Stain Wood Window, 1 Coat Stain With Brush And Wipe Off Wood Window And Frame (Per Face).....	37.25	
		<i>For Up To 4, Add</i>	26.09	
		<i>For >4 To 10, Add</i>	12.27	
		<i>For >10 To 20, Add</i>	5.28	
		<i>For >160, Deduct</i>	-1.86	
09 93 23 13-0010		Stain Wood Cabinet (09 93 23 13)		
09 93 23 13-0011	SF	Stain Cabinet, 1 Coat Stain With Brush And Wipe.....	1.31	
09 93 23 53		Interior Finishing (09 93 23)		
09 93 23 53-0001		Concrete Finishes (09 93 23 53)		
09 93 23 53-0002	SF	Finish Concrete Floor, 1 Coat Polyurethane	0.80	
		<i>For Up To 100, Add</i>	0.47	
		<i>For >100 To 250, Add</i>	0.23	
		<i>For >250 To 500, Add</i>	0.10	
		<i>For >4,000, Deduct</i>	-0.04	
09 93 23 53-0003		Wood Trim Finishes (09 93 23 53)		
09 93 23 53-0004	SF	Finish Wood Trim, 1 Coat Sealer And 1 Coat Varnish Or Polyurethane	1.34	
		<i>For Up To 100, Add</i>	0.87	
		<i>For >100 To 250, Add</i>	0.41	
		<i>For >250 To 500, Add</i>	0.18	
		<i>For >4,000, Deduct</i>	-0.07	
09 93 23 53-0005	SF	Finish Wood Trim, 1 Coat Varnish Or Polyurethane	0.88	
		<i>For Up To 100, Add</i>	0.60	
		<i>For >100 To 250, Add</i>	0.28	
		<i>For >250 To 500, Add</i>	0.12	
		<i>For >4,000, Deduct</i>	-0.04	
09 93 23 53-0006		Wood Floor Finishes (09 93 23 53)		
09 93 23 53-0007	SF	Refinish Wood Floor, 2 Coats Polyurethane	3.22	
		Note: Includes sanding existing floor.		
		<i>For Up To 100, Add</i>	2.28	
		<i>For >100 To 250, Add</i>	1.07	
		<i>For >250 To 500, Add</i>	0.46	
		<i>For >4,000, Deduct</i>	-0.16	
09 93 23 53-0008	SF	Polyurethane Wood Floor, 1 Coat Polyurethane, With Wool Applicator Or Brush Work.....	0.68	
		Note: Includes screening between coats.		
		<i>For Up To 100, Add</i>	0.44	
		<i>For >100 To 250, Add</i>	0.21	
		<i>For >250 To 500, Add</i>	0.09	
		<i>For >4,000, Deduct</i>	-0.03	
09 93 23 53-0009	SF	Refinish Wood Floor, 1 Coat Sealer And 2 Coats Polyurethane.....	3.67	
		Note: Includes sanding existing floor.		
		<i>For Up To 100, Add</i>	2.57	
		<i>For >100 To 250, Add</i>	1.21	
		<i>For >250 To 500, Add</i>	0.52	
		<i>For >4,000, Deduct</i>	-0.18	
09 93 23 53-0010		Wood Door And Window Finishes (09 93 23 53)		
		See CSI section 08 14 16 00-0627 for factory finish.		
09 93 23 53-0011	EA	Varnish Or Polyurethane Wood Door, 1 Coat Shellac (Per Face)	37.56	
		<i>For Up To 4, Add</i>	27.17	
		<i>For >4 To 10, Add</i>	12.73	
		<i>For >10 To 20, Add</i>	5.47	
		<i>For >160, Deduct</i>	-1.88	
09 93 23 53-0012	EA	Varnish Or Polyurethane Wood Door, 3 Coats Shellac, With Light Sanding Between Coats (Per Face)	114.33	
		<i>For Up To 4, Add</i>	81.18	
		<i>For >4 To 10, Add</i>	38.11	
		<i>For >10 To 20, Add</i>	16.39	
		<i>For >160, Deduct</i>	-5.72	
09 93 23 53-0013		Cabinet Finishes (09 93 23 53)		
09 93 23 53-0014	SF	Finish Cabinet, 1 Coat Shellac, Varnish Or Polyurethane.....	1.31	
09 93 23 53-0015		Gym, Stage And Dance Floor Finishes (09 93 23 53)		
09 93 23 53-0016	SF	Yearly Maintenance Refinish Of Gym, Stage Or Dance Floor	0.87	
		Note: Includes screening, one coat of finish and buffing. Excludes repainting of game lines.		
09 93 23 53-0017	SF	Finish New Elementary School Wood Gym, Stage Or Dance Floor	3.82	
		Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
		<i>For Stage Or Dance Floors, Deduct</i>	-0.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 93 23 53-0018 SF Finish New Middle Or Junior School Wood Gym, Stage Or Dance Floor 3.90 Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0019 SF Finish New High School Wood Gym, Stage Or Dance Floor 3.97 Note: Includes sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0020 SF Refinish Existing Elementary School Wood Gym, Stage Or Dance Floor 3.82 Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0021 SF Refinish Existing Middle Or Junior School Wood Gym, Stage Or Dance Floor 3.90 Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0022 SF Refinish Existing High School Wood Gym, Stage Or Dance Floor 3.97 Note: Includes removal of existing finish and sanding to level, vacuuming, tack cloth wiping, seal coat, light sanding between coats, painting of all game lines, logos, court markings and solid paint areas, seal and finish coats per manufacturer's instructions, minimum four coats total with not less than two finish coats.		
<i>For Stage Or Dance Floors, Deduct</i>	-0.08	
09 93 23 53-0023 LF Paint Game Lines, 2 Coats Paint, 1 Coat Urethane Finish 0.75		
09 93 23 53-0024 SF Paint Solid Court Area, 2 Coats Paint, 1 Coat Urethane Finish 1.79		

09 96 High-Performance Coatings (09 90)

09 96 23 Graffiti-Resistant Coatings (09 96)

09 96 23 00-0001 Anti-Graffiti Coating (09 96 23)

09 96 23 00-0002 SF Sacrificial Anti-Graffiti Coating, Per Coat 1.40	
<i>For Up To 100, Add</i>	0.82
<i>For >100 To 250, Add</i>	0.39
<i>For >250 To 500, Add</i>	0.17
09 96 23 00-0003 SF Permanent (Non-Sacrificial) Anti-Graffiti Coating, Per Coat 1.50	
<i>For Up To 100, Add</i>	0.83
<i>For >100 To 250, Add</i>	0.40
<i>For >250 To 500, Add</i>	0.18

09 96 53 Elastomeric Coatings (09 96)

09 96 53 00-0001 Elastomeric (09 96 53)

Note: Per coat.	
09 96 53 00-0002 SF 1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Walls And Floors 0.83	
<i>For Work >15' To 20' Above Floor, Add</i>	0.10
<i>Note: Applied only to work area above 15' to 20'.</i>	
<i>For Work >20' To 30' Above Floor, Add</i>	0.16
<i>Note: Applied only to work area above 20'.</i>	
<i>For Work >30' To 40' Above Floor, Add</i>	0.26
<i>Note: Applied only to work area above 30' to 40'.</i>	
<i>For Work >40' Above Floor, Add</i>	0.36
<i>Note: Applied only to work area above 40'.</i>	
<i>For Up To 100, Add</i>	0.51
<i>For >100 To 250, Add</i>	0.25
<i>For >250 To 500, Add</i>	0.11
<i>For >2,500 To 5,000, Deduct</i>	-0.04
<i>For >5,000 To 10,000, Deduct</i>	-0.08
<i>For >10,000 To 20,000, Deduct</i>	-0.12
<i>For >20,000, Deduct</i>	-0.17
09 96 53 00-0003 SF 1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Walls And Floors 0.72	
<i>For Work >15' To 20' Above Floor, Add</i>	0.08
<i>Note: Applied only to work area above 15' to 20'.</i>	
<i>For Work >20' To 30' Above Floor, Add</i>	0.14
<i>Note: Applied only to work area above 20'.</i>	
<i>For Work >30' To 40' Above Floor, Add</i>	0.22
<i>Note: Applied only to work area above 30' to 40'.</i>	
<i>For Work >40' Above Floor, Add</i>	0.30
<i>Note: Applied only to work area above 40'.</i>	
<i>For Up To 100, Add</i>	0.44
<i>For >100 To 250, Add</i>	0.21
<i>For >250 To 500, Add</i>	0.09
<i>For >2,500 To 5,000, Deduct</i>	-0.04
<i>For >5,000 To 10,000, Deduct</i>	-0.07
<i>For >10,000 To 20,000, Deduct</i>	-0.11
<i>For >20,000, Deduct</i>	-0.14

09 Finishes

09 90 Painting and Coating

09 96 High-Performance Coatings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0004	SF	1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Walls And Floors.....		0.63	
		<i>For Work >15' To 20' Above Floor, Add</i>		0.06	
		<i>Note: Applied only to work area above 15' to 20'.</i>			
		<i>For Work >20' To 30' Above Floor, Add</i>		0.10	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Work >30' To 40' Above Floor, Add</i>		0.16	
		<i>Note: Applied only to work area above 30' to 40'.</i>			
		<i>For Work >40' Above Floor, Add</i>		0.22	
		<i>Note: Applied only to work area above 40'.</i>			
		<i>For Up To 100, Add</i>		0.33	
		<i>For >100 To 250, Add</i>		0.16	
		<i>For >250 To 500, Add</i>		0.07	
		<i>For >2,500 To 5,000, Deduct</i>		-0.03	
		<i>For >5,000 To 10,000, Deduct</i>		-0.06	
		<i>For >10,000 To 20,000, Deduct</i>		-0.09	
		<i>For >20,000, Deduct</i>		-0.13	
09 96 53 00-0005	SF	1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Walls And Floors.....		1.89	
		<i>For Work >15' To 20' Above Floor, Add</i>		0.12	
		<i>Note: Applied only to work area above 15' to 20'.</i>			
		<i>For Work >20' To 30' Above Floor, Add</i>		0.19	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Work >30' To 40' Above Floor, Add</i>		0.31	
		<i>Note: Applied only to work area above 30' to 40'.</i>			
		<i>For Work >40' Above Floor, Add</i>		0.42	
		<i>Note: Applied only to work area above 40'.</i>			
		<i>For Up To 100, Add</i>		0.75	
		<i>For >100 To 250, Add</i>		0.38	
		<i>For >250 To 500, Add</i>		0.17	
		<i>For >2,500 To 5,000, Deduct</i>		-0.09	
		<i>For >5,000 To 10,000, Deduct</i>		-0.19	
		<i>For >10,000 To 20,000, Deduct</i>		-0.28	
		<i>For >20,000, Deduct</i>		-0.38	
09 96 53 00-0006	SF	1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Walls And Floors.....		1.76	
		<i>For Work >15' To 20' Above Floor, Add</i>		0.10	
		<i>Note: Applied only to work area above 15' to 20'.</i>			
		<i>For Work >20' To 30' Above Floor, Add</i>		0.16	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Work >30' To 40' Above Floor, Add</i>		0.26	
		<i>Note: Applied only to work area above 30' to 40'.</i>			
		<i>For Work >40' Above Floor, Add</i>		0.35	
		<i>Note: Applied only to work area above 40'.</i>			
		<i>For Up To 100, Add</i>		0.65	
		<i>For >100 To 250, Add</i>		0.34	
		<i>For >250 To 500, Add</i>		0.15	
		<i>For >2,500 To 5,000, Deduct</i>		-0.09	
		<i>For >5,000 To 10,000, Deduct</i>		-0.18	
		<i>For >10,000 To 20,000, Deduct</i>		-0.26	
		<i>For >20,000, Deduct</i>		-0.35	
09 96 53 00-0007	SF	1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Walls And Floors.....		1.98	
		<i>For Work >15' To 20' Above Floor, Add</i>		0.07	
		<i>Note: Applied only to work area above 15' to 20'.</i>			
		<i>For Work >20' To 30' Above Floor, Add</i>		0.12	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Work >30' To 40' Above Floor, Add</i>		0.19	
		<i>Note: Applied only to work area above 30' to 40'.</i>			
		<i>For Work >40' Above Floor, Add</i>		0.26	
		<i>Note: Applied only to work area above 40'.</i>			
		<i>For Up To 100, Add</i>		0.58	
		<i>For >100 To 250, Add</i>		0.32	
		<i>For >250 To 500, Add</i>		0.15	
		<i>For >2,500 To 5,000, Deduct</i>		-0.10	
		<i>For >5,000 To 10,000, Deduct</i>		-0.20	
		<i>For >10,000 To 20,000, Deduct</i>		-0.30	
		<i>For >20,000, Deduct</i>		-0.40	
09 96 53 00-0008	SF	1 Coat, 5.3 To 8 Wet Mils, Brush Work, Elastomeric Primer Applied To Ceilings And Overhead.....		0.94	
		<i>For Work >15' To 20' Above Floor, Add</i>		0.11	
		<i>Note: Applied only to work area above 15' to 20'.</i>			
		<i>For Work >20' To 30' Above Floor, Add</i>		0.19	
		<i>Note: Applied only to work area above 20'.</i>			
		<i>For Work >30' To 40' Above Floor, Add</i>		0.30	
		<i>Note: Applied only to work area above 30' to 40'.</i>			
		<i>For Work >40' Above Floor, Add</i>		0.42	
		<i>Note: Applied only to work area above 40'.</i>			
		<i>For Up To 100, Add</i>		0.60	
		<i>For >100 To 250, Add</i>		0.28	
		<i>For >250 To 500, Add</i>		0.12	
		<i>For >2,500 To 5,000, Deduct</i>		-0.05	
		<i>For >5,000 To 10,000, Deduct</i>		-0.09	
		<i>For >10,000 To 20,000, Deduct</i>		-0.14	
		<i>For >20,000, Deduct</i>		-0.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 53 00-0009 SF 1 Coat, 5.3 To 8 Wet Mils, Brush/Roller Work, Elastomeric Primer Applied To Ceilings And Overhead	0.81	
For Work >15' To 20' Above Floor, Add	0.10	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.16	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.26	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.35	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.51	
For >100 To 250, Add	0.24	
For >250 To 500, Add	0.10	
For >2,500 To 5,000, Deduct	-0.04	
For >5,000 To 10,000, Deduct	-0.08	
For >10,000 To 20,000, Deduct	-0.12	
For >20,000, Deduct	-0.16	
09 96 53 00-0010 SF 1 Coat, 5.3 To 8 Wet Mils, Sprayed, Elastomeric Primer Applied To Ceilings And Overhead	0.69	
For Work >15' To 20' Above Floor, Add	0.07	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.12	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.18	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.25	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.38	
For >100 To 250, Add	0.18	
For >250 To 500, Add	0.08	
For >2,500 To 5,000, Deduct	-0.03	
For >5,000 To 10,000, Deduct	-0.07	
For >10,000 To 20,000, Deduct	-0.10	
For >20,000, Deduct	-0.14	
09 96 53 00-0011 SF 1 Coat, 13 To 16 Wet Mils, Brush Work, Elastomeric Paint Applied To Ceilings And Overhead	2.01	
For Work >15' To 20' Above Floor, Add	0.13	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.22	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.36	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.49	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.84	
For >100 To 250, Add	0.42	
For >250 To 500, Add	0.19	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.20	
For >10,000 To 20,000, Deduct	-0.30	
For >20,000, Deduct	-0.40	
09 96 53 00-0012 SF 1 Coat, 13 To 16 Wet Mils, Brush/Roller Work, Elastomeric Paint Applied To Ceilings And Overhead	1.87	
For Work >15' To 20' Above Floor, Add	0.11	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.19	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.30	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.41	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.73	
For >100 To 250, Add	0.37	
For >250 To 500, Add	0.17	
For >2,500 To 5,000, Deduct	-0.09	
For >5,000 To 10,000, Deduct	-0.19	
For >10,000 To 20,000, Deduct	-0.28	
For >20,000, Deduct	-0.37	
09 96 53 00-0013 SF 1 Coat, 13 To 16 Wet Mils, Sprayed, Elastomeric Paint Applied To Ceilings And Overhead	2.05	
For Work >15' To 20' Above Floor, Add	0.08	
Note: Applied only to work area above 15' to 20'.		
For Work >20' To 30' Above Floor, Add	0.14	
Note: Applied only to work area above 20'.		
For Work >30' To 40' Above Floor, Add	0.22	
Note: Applied only to work area above 30' to 40'.		
For Work >40' Above Floor, Add	0.30	
Note: Applied only to work area above 40'.		
For Up To 100, Add	0.63	
For >100 To 250, Add	0.34	
For >250 To 500, Add	0.16	
For >2,500 To 5,000, Deduct	-0.10	
For >5,000 To 10,000, Deduct	-0.21	
For >10,000 To 20,000, Deduct	-0.31	
For >20,000, Deduct	-0.41	

09 96 56 Epoxy Coatings (09 96)

09 96 56 00-0001 High Build Epoxy (09 96 56)

09 96 56 00-0002 SF 50 Mil, High Build Epoxy2.87

09	09	Finishes
	09 90	Painting and Coating
	09 96	High-Performance Coatings

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 96 56 00-0003				Laminated Epoxy With Fiberglass <small>(09 96 56)</small>		
09 96 56 00-0004	SF			Laminated Epoxy With Fiberglass	5.66	
09 96 66				Aggregate Wall Coatings <small>(09 96)</small>		
09 96 66 00-0001				Troweled On <small>(09 96 66)</small>		
09 96 66 00-0002	SF			Exposed Aggregate - 1/16" To 1/4" - Troweled On	4.34	
09 96 66 00-0003	SF			Exposed Aggregate - 1/2" To 5/8" Troweled On	7.76	
09 96 66 00-0004	SF			Exposed Aggregate - 1" Troweled On	11.66	
09 96 66 00-0005				Sprayed On <small>(09 96 66)</small>		
09 96 66 00-0006	SF			Exposed Aggregate - 1/8" - Sprayed On	3.55	
09 97				Special Coatings <small>(09 90)</small>		
09 97 13				Steel Coatings <small>(09 97)</small>		
09 97 13 23				Exterior Steel Coatings <small>(09 97 13)</small>		
				Note: Steel Structure Painting Council, SSPC; Surface Preparation, SP.		
09 97 13 23-0001				Surface Preparation For Structural Steel <small>(09 97 13 23)</small>		
				Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.		
09 97 13 23-0002				SSPC SP2 Hand Tool Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small>		
				Note: Hand Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust, and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before hand tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 2 or ISO 8501-1 St 3.		
09 97 13 23-0003	SF			Type 1 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.41	
				For Up To 100, Add	1.06	
				For >100 To 250, Add	0.49	
				For >250 To 500, Add	0.21	
09 97 13 23-0004	SF			Type 2 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.36	
				For Up To 100, Add	1.02	
				For >100 To 250, Add	0.48	
				For >250 To 500, Add	0.20	
09 97 13 23-0005	SF			Type 3 Structural Steel SP2 Hand Tool Cleaning Surface Preparation	1.36	
				For Up To 100, Add	1.02	
				For >100 To 250, Add	0.48	
				For >250 To 500, Add	0.20	
09 97 13 23-0006	SF			Up To 14" Diameter Pipe SP2 Hand Tool Cleaning Surface Preparation	1.84	
				For Up To 100, Add	1.38	
				For >100 To 250, Add	0.64	
				For >250 To 500, Add	0.28	
09 97 13 23-0007				SSPC SP3 Power Tool Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small>		
				Note: Power Tool Cleaning removes all loose mill scale, loose rust and other detrimental foreign matter. It is not intended that adherent mill scale, rust and paint be removed by this process. Mill scale, rust and paint are considered adherent if they cannot be removed by lifting with a dull putty knife. Before power tool cleaning, remove visible oil, grease, soluble welding residues and salts by the methods outlined in SSPC-SP1. For complete instructions, refer to Society of Protective Coatings Surface Preparation Specification No. 3 or ISO 8501-1 St 3.		
09 97 13 23-0008	SF			Type 1 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.64	
				For Up To 100, Add	1.23	
				For >100 To 250, Add	0.57	
				For >250 To 500, Add	0.25	
09 97 13 23-0009	SF			Type 2 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.58	
				For Up To 100, Add	1.19	
				For >100 To 250, Add	0.55	
				For >250 To 500, Add	0.24	
09 97 13 23-0010	SF			Type 3 Structural Steel SP3 Power Tool Cleaning Surface Preparation	1.58	
				For Up To 100, Add	1.19	
				For >100 To 250, Add	0.55	
				For >250 To 500, Add	0.24	
09 97 13 23-0011	SF			Up To 14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	2.13	
				For Up To 100, Add	1.60	
				For >100 To 250, Add	0.75	
				For >250 To 500, Add	0.32	
09 97 13 23-0012	SF			>14" Diameter Pipe SP3 Power Tool Cleaning Surface Preparation	1.92	
				For Up To 100, Add	1.44	
				For >100 To 250, Add	0.67	
				For >250 To 500, Add	0.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 13 23-0013	SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small> Note: A Brush-Off Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, loose mill scale, loose rust and loose paint. Tightly adherent mill scale, rust and paint may remain on the surface. Mill scale, rust and coating are considered adherent if they cannot be removed by lifting with a dull putty knife after abrasive blast cleaning has been performed. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP11	
09 97 13 23-0014	SF Type 1 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.97
	<i>For Up To 100, Add</i>	0.67
	<i>For >100 To 250, Add</i>	0.32
	<i>For >250 To 500, Add</i>	0.14
09 97 13 23-0015	SF Type 2 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.86
	<i>For Up To 100, Add</i>	0.60
	<i>For >100 To 250, Add</i>	0.28
	<i>For >250 To 500, Add</i>	0.12
09 97 13 23-0016	SF Type 3 Structural Steel SP7 Brush Off Blast Cleaning Surface Preparation.....	0.85
	<i>For Up To 100, Add</i>	0.60
	<i>For >100 To 250, Add</i>	0.28
	<i>For >250 To 500, Add</i>	0.12
09 97 13 23-0017	SF Up To 14" Diameter Pipe SP7 Brush Off Blast Cleaning Surface Preparation	1.22
	<i>For Up To 100, Add</i>	0.86
	<i>For >100 To 250, Add</i>	0.40
	<i>For >250 To 500, Add</i>	0.17

09 97 13 23-0018	SSPC SP6 Commercial Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small> Note: A Commercial Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 33% of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP6/NACE 3 or ISO 8501-1 Sa 2.	
09 97 13 23-0019	SF Type 1 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.51
	<i>For Up To 100, Add</i>	1.78
	<i>For >100 To 250, Add</i>	0.84
	<i>For >250 To 500, Add</i>	0.36
09 97 13 23-0020	SF Type 2 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.18
	<i>For Up To 100, Add</i>	1.54
	<i>For >100 To 250, Add</i>	0.72
	<i>For >250 To 500, Add</i>	0.31
09 97 13 23-0021	SF Type 3 Structural Steel SP6 Commercial Blast Cleaning Surface Preparation.....	2.03
	<i>For Up To 100, Add</i>	1.43
	<i>For >100 To 250, Add</i>	0.67
	<i>For >250 To 500, Add</i>	0.29
09 97 13 23-0022	SF Up To 14" Diameter Pipe SP6 Commercial Blast Cleaning Surface Preparation	3.13
	<i>For Up To 100, Add</i>	2.25
	<i>For >100 To 250, Add</i>	1.05
	<i>For >250 To 500, Add</i>	0.45

09 97 13 23-0023	SSPC SP5 White Metal Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small> Note: A White Metal Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete Instructions, refer to Joint Surface Preparation Standard SSPC-SP5/NACE 1 or ISO 8501-1 Sa 3.	
09 97 13 23-0024	SF Type 1 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation.....	4.86
	<i>For Up To 100, Add</i>	3.47
	<i>For >100 To 250, Add</i>	1.63
	<i>For >250 To 500, Add</i>	0.70
09 97 13 23-0025	SF Type 2 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	4.17
	<i>For Up To 100, Add</i>	2.97
	<i>For >100 To 250, Add</i>	1.39
	<i>For >250 To 500, Add</i>	0.60
09 97 13 23-0026	SF Type 3 Structural Steel SP5 White Metal Blast Cleaning Surface Preparation	3.83
	<i>For Up To 100, Add</i>	2.71
	<i>For >100 To 250, Add</i>	1.27
	<i>For >250 To 500, Add</i>	0.55
09 97 13 23-0027	SF Up To 14" Diameter Pipe SP5 White Metal Blast Cleaning Surface Preparation.....	5.88
	<i>For Up To 100, Add</i>	4.24
	<i>For >100 To 250, Add</i>	1.99
	<i>For >250 To 500, Add</i>	0.85

09	09 Finishes
	09 90 Painting and Coating
	09 97 Special Coatings



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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09 97 13 23-0028	SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Structural Steel <small>(09 97 13 23-0001)</small> Note: A Near-White Blast Cleaned surface, when viewed without magnification, shall be free of all visible oil, grease, dirt, dust, mill scale, rust, paint, oxides, corrosion products and other foreign matter, except for staining. Staining shall be limited to no more than 5 percent of each square inch of surface area and may consist of light shadows, slight streaks or minor discoloration caused by stains of rust, stains of mill scale or stains of previously applied paint. Before blast cleaning, visible deposits of oil or grease shall be removed by any of the methods specified in SSPC-SP1 or other agreed upon methods. For complete instructions, refer to Joint Surface Preparation Standard SSPC-SP10/NACE 2 or ISO 8501-1 Sa 2.5.	3.62 2.57 1.21 0.52 3.09 2.19 1.03 0.44 2.92 2.06 0.97 0.42 4.27 3.08 1.44 0.62
09 97 13 23-0033	Protective Coatings For Tanks And Structural Steel <small>(09 97 13 23)</small> Note: Type 1 structural steel - up to 2 SF per LF, Type 2 structural steel - over 2 SF to 5 SF per LF, Type 3 structural steel - over 5 SF per LF, and piping - under 14" diameter.	
09 97 13 23-0034	1.5 Mil Prime Coat For Structural Steel <small>(09 97 13 23-0033)</small>	
09 97 13 23-0035	SF Spray Type 1 Structural Steel 1.5 Mil Prime Coat..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.09 0.70 0.33 0.14
09 97 13 23-0036	SF Spray Type 2 Structural Steel 1.5 Mil Prime Coat..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.81 0.51 0.24 0.11
09 97 13 23-0037	SF Spray Type 3 Structural Steel 1.5 Mil Prime Coat..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.73 0.45 0.22 0.09
09 97 13 23-0038	SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime Coat <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.30 0.87 0.41 0.18
09 97 13 23-0039	SF Brush Type 1 Structural Steel 1.5 Mil Prime Coat..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.37 0.91 0.43 0.19
09 97 13 23-0040	SF Brush Type 2 Structural Steel 1.5 Mil Prime Coat..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.02 0.67 0.32 0.14
09 97 13 23-0041	SF Brush Type 3 Structural Steel 1.5 Mil Prime Coat..... <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	0.91 0.59 0.28 0.12
09 97 13 23-0042	SF Brush Up To 14" Diameter Pipe 1.5 Mil Prime Coat <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	1.63 1.11 0.53 0.23
09 97 13 23-0043	1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Structural Steel <small>(09 97 13 23-0033)</small>	
09 97 13 23-0044	SF Spray Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	3.22 2.06 0.98 0.42
09 97 13 23-0045	SF Spray Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	2.35 1.43 0.69 0.30
09 97 13 23-0046	SF Spray Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	2.19 1.31 0.63 0.27
09 97 13 23-0047	SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >250 To 500, Add</i>	3.92 2.56 1.21 0.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0048 SF Spray Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.42	
<i>For Up To 100, Add</i>	1.55	
<i>For >100 To 250, Add</i>	0.73	
<i>For >250 To 500, Add</i>	0.32	
09 97 13 23-0049 SF Spray Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.77	
<i>For Up To 100, Add</i>	1.08	
<i>For >100 To 250, Add</i>	0.52	
<i>For >250 To 500, Add</i>	0.22	
09 97 13 23-0050 SF Spray Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.64	
<i>For Up To 100, Add</i>	0.98	
<i>For >100 To 250, Add</i>	0.47	
<i>For >250 To 500, Add</i>	0.21	
09 97 13 23-0051 SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.94	
<i>For Up To 100, Add</i>	1.92	
<i>For >100 To 250, Add</i>	0.91	
<i>For >250 To 500, Add</i>	0.39	
09 97 13 23-0052 SF Brush Type 1 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	4.35	
<i>For Up To 100, Add</i>	2.90	
<i>For >100 To 250, Add</i>	1.37	
<i>For >250 To 500, Add</i>	0.59	
09 97 13 23-0053 SF Brush Type 2 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	3.13	
<i>For Up To 100, Add</i>	2.02	
<i>For >100 To 250, Add</i>	0.96	
<i>For >250 To 500, Add</i>	0.41	
09 97 13 23-0054 SF Brush Type 3 Structural Steel 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.90	
<i>For Up To 100, Add</i>	1.85	
<i>For >100 To 250, Add</i>	0.88	
<i>For >250 To 500, Add</i>	0.38	
09 97 13 23-0055 SF Brush Up To 14" Diameter Pipe 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	5.31	
<i>For Up To 100, Add</i>	3.60	
<i>For >100 To 250, Add</i>	1.70	
<i>For >250 To 500, Add</i>	0.73	
09 97 13 23-0056 SF Brush Type 1 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	3.26	
<i>For Up To 100, Add</i>	2.18	
<i>For >100 To 250, Add</i>	1.03	
<i>For >250 To 500, Add</i>	0.44	
09 97 13 23-0057 SF Brush Type 2 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.34	
<i>For Up To 100, Add</i>	1.51	
<i>For >100 To 250, Add</i>	0.72	
<i>For >250 To 500, Add</i>	0.31	
09 97 13 23-0058 SF Brush Type 3 Structural Steel 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	2.16	
<i>For Up To 100, Add</i>	1.37	
<i>For >100 To 250, Add</i>	0.65	
<i>For >250 To 500, Add</i>	0.28	
09 97 13 23-0059 SF Brush Up To 14" Diameter Pipe 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	3.98	
<i>For Up To 100, Add</i>	2.70	
<i>For >100 To 250, Add</i>	1.28	
<i>For >250 To 500, Add</i>	0.55	
09 97 13 23-0060 Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Structural Steel <small>(09 97 13 23-0033)</small>		
09 97 13 23-0061 SF Spray Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.49	
<i>For Up To 100, Add</i>	1.60	
<i>For >100 To 250, Add</i>	0.76	
<i>For >250 To 500, Add</i>	0.33	
09 97 13 23-0062 SF Spray Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	2.04	
<i>For Up To 100, Add</i>	1.29	
<i>For >100 To 250, Add</i>	0.61	
<i>For >250 To 500, Add</i>	0.27	
09 97 13 23-0063 SF Spray Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.88	
<i>For Up To 100, Add</i>	1.17	
<i>For >100 To 250, Add</i>	0.56	
<i>For >250 To 500, Add</i>	0.24	
09 97 13 23-0064 SF Spray Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.07	
<i>For Up To 100, Add</i>	2.03	
<i>For >100 To 250, Add</i>	0.96	
<i>For >250 To 500, Add</i>	0.42	
09 97 13 23-0065 SF Spray Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.60	
<i>For Up To 100, Add</i>	1.03	
<i>For >100 To 250, Add</i>	0.49	
<i>For >250 To 500, Add</i>	0.21	
09 97 13 23-0066 SF Spray Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.30	
<i>For Up To 100, Add</i>	0.83	
<i>For >100 To 250, Add</i>	0.39	
<i>For >250 To 500, Add</i>	0.17	
09 97 13 23-0067 SF Spray Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.19	
<i>For Up To 100, Add</i>	0.74	
<i>For >100 To 250, Add</i>	0.35	
<i>For >250 To 500, Add</i>	0.15	
09 97 13 23-0068 SF Spray Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.97	
<i>For Up To 100, Add</i>	1.30	
<i>For >100 To 250, Add</i>	0.62	
<i>For >250 To 500, Add</i>	0.27	
09 97 13 23-0069 SF Brush Type 1 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	3.11	
<i>For Up To 100, Add</i>	2.07	
<i>For >100 To 250, Add</i>	0.98	
<i>For >250 To 500, Add</i>	0.42	

09 Finishes**09 90 Painting and Coating****09 97 Special Coatings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
09 97 13 23-0070	SF	Brush Type 2 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.53		
		<i>For Up To 100, Add</i>	1.66		
		<i>For >100 To 250, Add</i>	0.79		
		<i>For >250 To 500, Add</i>	0.34		
09 97 13 23-0071	SF	Brush Type 3 Structural Steel Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.32		
		<i>For Up To 100, Add</i>	1.50		
		<i>For >100 To 250, Add</i>	0.71		
		<i>For >250 To 500, Add</i>	0.31		
09 97 13 23-0072	SF	Brush Up To 14" Diameter Pipe Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.86		
		<i>For Up To 100, Add</i>	2.63		
		<i>For >100 To 250, Add</i>	1.24		
		<i>For >250 To 500, Add</i>	0.53		
09 97 13 23-0073	SF	Brush Type 1 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.99		
		<i>For Up To 100, Add</i>	1.32		
		<i>For >100 To 250, Add</i>	0.63		
		<i>For >250 To 500, Add</i>	0.27		
09 97 13 23-0074	SF	Brush Type 2 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.62		
		<i>For Up To 100, Add</i>	1.07		
		<i>For >100 To 250, Add</i>	0.50		
		<i>For >250 To 500, Add</i>	0.22		
09 97 13 23-0075	SF	Brush Type 3 Structural Steel Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.48		
		<i>For Up To 100, Add</i>	0.96		
		<i>For >100 To 250, Add</i>	0.46		
		<i>For >250 To 500, Add</i>	0.20		
09 97 13 23-0076	SF	Brush Up To 14" Diameter Pipe Touch-Up And One 1.5 Mil Alkyd Finish Coat	2.48		
		<i>For Up To 100, Add</i>	1.69		
		<i>For >100 To 250, Add</i>	0.80		
		<i>For >250 To 500, Add</i>	0.34		
09 97 13 23-0077 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Structural Steel <small>(09 97 13 23-0033)</small>					
09 97 13 23-0078	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	4.17		
		<i>For Up To 100, Add</i>	2.40		
		<i>For >100 To 250, Add</i>	1.15		
		<i>For >250 To 500, Add</i>	0.50		
09 97 13 23-0079	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.08		
		<i>For Up To 100, Add</i>	1.64		
		<i>For >100 To 250, Add</i>	0.80		
		<i>For >250 To 500, Add</i>	0.35		
09 97 13 23-0080	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.75		
		<i>For Up To 100, Add</i>	1.40		
		<i>For >100 To 250, Add</i>	0.69		
		<i>For >250 To 500, Add</i>	0.30		
09 97 13 23-0081	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	4.71		
		<i>For Up To 100, Add</i>	2.78		
		<i>For >100 To 250, Add</i>	1.33		
		<i>For >250 To 500, Add</i>	0.58		
09 97 13 23-0082	SF	Spray Type 1 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.92		
		<i>For Up To 100, Add</i>	1.68		
		<i>For >100 To 250, Add</i>	0.81		
		<i>For >250 To 500, Add</i>	0.35		
09 97 13 23-0083	SF	Spray Type 2 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.16		
		<i>For Up To 100, Add</i>	1.15		
		<i>For >100 To 250, Add</i>	0.56		
		<i>For >250 To 500, Add</i>	0.25		
09 97 13 23-0084	SF	Spray Type 3 Structural Steel Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.93		
		<i>For Up To 100, Add</i>	0.98		
		<i>For >100 To 250, Add</i>	0.48		
		<i>For >250 To 500, Add</i>	0.21		
09 97 13 23-0085	SF	Spray Up To 14" Diameter Pipe Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	3.29		
		<i>For Up To 100, Add</i>	1.94		
		<i>For >100 To 250, Add</i>	0.93		
		<i>For >250 To 500, Add</i>	0.41		
09 97 13 23-0086 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Structural Steel <small>(09 97 13 23-0033)</small>					
09 97 13 23-0087	SF	Spray Type 1 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	4.52		
		<i>For Up To 100, Add</i>	2.45		
		<i>For >100 To 250, Add</i>	1.19		
		<i>For >250 To 500, Add</i>	0.52		
09 97 13 23-0088	SF	Spray Type 2 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.39		
		<i>For Up To 100, Add</i>	1.69		
		<i>For >100 To 250, Add</i>	0.83		
		<i>For >250 To 500, Add</i>	0.37		
09 97 13 23-0089	SF	Spray Type 3 Structural Steel 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	3.06		
		<i>For Up To 100, Add</i>	1.44		
		<i>For >100 To 250, Add</i>	0.72		
		<i>For >250 To 500, Add</i>	0.32		
09 97 13 23-0090	SF	Spray Up To 14" Diameter Pipe 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	5.07		
		<i>For Up To 100, Add</i>	2.83		
		<i>For >100 To 250, Add</i>	1.37		
		<i>For >250 To 500, Add</i>	0.60		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 23-0091 SF Spray Type 1 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	3.71	
<i>For Up To 100, Add</i>	2.01	
<i>For >100 To 250, Add</i>	0.98	
<i>For >250 To 500, Add</i>	0.43	
09 97 13 23-0092 SF Spray Type 2 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	2.79	
<i>For Up To 100, Add</i>	1.39	
<i>For >100 To 250, Add</i>	0.68	
<i>For >250 To 500, Add</i>	0.30	
09 97 13 23-0093 SF Spray Type 3 Structural Steel Two 6 Mil High Build Epoxy Finish Coats.....	2.52	
<i>For Up To 100, Add</i>	1.19	
<i>For >100 To 250, Add</i>	0.59	
<i>For >250 To 500, Add</i>	0.26	
09 97 13 23-0094 SF Spray Up To 14" Diameter Pipe Two 6 Mil High Build Epoxy Finish Coats	4.16	
<i>For Up To 100, Add</i>	2.32	
<i>For >100 To 250, Add</i>	1.12	
<i>For >250 To 500, Add</i>	0.49	
09 97 13 23-0095 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Structural Steel (09 97 13 23-0033)		
09 97 13 23-0096 SF Spray Type 1 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	9.41	
<i>For Up To 100, Add</i>	5.25	
<i>For >100 To 250, Add</i>	2.54	
<i>For >250 To 500, Add</i>	1.11	
09 97 13 23-0097 SF Spray Type 2 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	7.21	
<i>For Up To 100, Add</i>	3.79	
<i>For >100 To 250, Add</i>	1.85	
<i>For >250 To 500, Add</i>	0.81	
09 97 13 23-0098 SF Spray Type 3 Structural Steel 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats.....	6.96	
<i>For Up To 100, Add</i>	3.61	
<i>For >100 To 250, Add</i>	1.76	
<i>For >250 To 500, Add</i>	0.78	
09 97 13 23-0099 SF Spray Up To 14" Diameter Pipe 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	10.86	
<i>For Up To 100, Add</i>	6.30	
<i>For >100 To 250, Add</i>	3.03	
<i>For >250 To 500, Add</i>	1.32	
09 97 13 23-0100 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Structural Steel (09 97 13 23-0033)		
09 97 13 23-0101 SF Spray Type 1 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	5.03	
<i>For Up To 100, Add</i>	2.58	
<i>For >100 To 250, Add</i>	1.26	
<i>For >250 To 500, Add</i>	0.56	
09 97 13 23-0102 SF Spray Type 2 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	4.02	
<i>For Up To 100, Add</i>	1.83	
<i>For >100 To 250, Add</i>	0.91	
<i>For >250 To 500, Add</i>	0.41	
09 97 13 23-0103 SF Spray Type 3 Structural Steel 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats.....	3.86	
<i>For Up To 100, Add</i>	1.71	
<i>For >100 To 250, Add</i>	0.86	
<i>For >250 To 500, Add</i>	0.38	
09 97 13 23-0104 SF Spray Up To 14" Diameter Pipe 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.66	
<i>For Up To 100, Add</i>	3.02	
<i>For >100 To 250, Add</i>	1.47	
<i>For >250 To 500, Add</i>	0.64	
09 97 13 23-0105 SF Spray Type 1 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.96	
<i>For Up To 100, Add</i>	2.03	
<i>For >100 To 250, Add</i>	0.99	
<i>For >250 To 500, Add</i>	0.44	
09 97 13 23-0106 SF Spray Type 2 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.18	
<i>For Up To 100, Add</i>	1.45	
<i>For >100 To 250, Add</i>	0.72	
<i>For >250 To 500, Add</i>	0.32	
09 97 13 23-0107 SF Spray Type 3 Structural Steel Two 4 Mil High Build Vinyl Finish Coats.....	3.05	
<i>For Up To 100, Add</i>	1.35	
<i>For >100 To 250, Add</i>	0.68	
<i>For >250 To 500, Add</i>	0.30	
09 97 13 23-0108 SF Spray Up To 14" Diameter Pipe Two 4 Mil High Build Vinyl Finish Coats.....	4.47	
<i>For Up To 100, Add</i>	2.38	
<i>For >100 To 250, Add</i>	1.16	
<i>For >250 To 500, Add</i>	0.51	
09 97 13 23-0109 Two 8 Mil Coal Tar Epoxy Coats For Structural Steel (09 97 13 23-0033)		
09 97 13 23-0110 SF Spray Type 1 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	4.17	
<i>For Up To 100, Add</i>	2.45	
<i>For >100 To 250, Add</i>	1.18	
<i>For >250 To 500, Add</i>	0.51	
09 97 13 23-0111 SF Spray Type 2 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.40	
<i>For Up To 100, Add</i>	1.94	
<i>For >100 To 250, Add</i>	0.94	
<i>For >250 To 500, Add</i>	0.41	

09 Finishes**09 90 Painting and Coating****09 97 Special Coatings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97	13 23-0112	SF	Spray Type 3 Structural Steel Two 8 Mil Coal Tar Epoxy Coats.....	3.15	
			For Up To 100, Add	1.75	
			For >100 To 250, Add	0.85	
			For >250 To 500, Add	0.37	
09 97	13 23-0113	SF	Spray Up To 14" Diameter Pipe Two 8 Mil Coal Tar Epoxy Coats.....	5.10	
			For Up To 100, Add	3.13	
			For >100 To 250, Add	1.50	
			For >250 To 500, Add	0.65	
09 97	13 23-0114		One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Structural Steel (09 97 13 23-0033)		
09 97	13 23-0115	SF	Spray Type 1 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.97	
			For Up To 100, Add	2.47	
			For >100 To 250, Add	1.18	
			For >250 To 500, Add	0.51	
09 97	13 23-0116	SF	Spray Type 2 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.85	
			For Up To 100, Add	1.66	
			For >100 To 250, Add	0.80	
			For >250 To 500, Add	0.35	
09 97	13 23-0117	SF	Spray Type 3 Structural Steel One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.44	
			For Up To 100, Add	1.35	
			For >100 To 250, Add	0.65	
			For >250 To 500, Add	0.29	
09 97	13 23-0118	SF	Spray Up To 14" Diameter Pipe One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	4.52	
			For Up To 100, Add	2.84	
			For >100 To 250, Add	1.35	
			For >250 To 500, Add	0.59	
09 97	13 23-0119		One 3 Mil High Zinc Silicate Coat For Structural Steel (09 97 13 23-0033)		
09 97	13 23-0120	SF	Spray Type 1 Structural Steel One 3 Mil High Zinc Silicate Coat.....	2.21	
			For Up To 100, Add	1.12	
			For >100 To 250, Add	0.55	
			For >250 To 500, Add	0.24	
09 97	13 23-0121	SF	Spray Type 2 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.63	
			For Up To 100, Add	0.74	
			For >100 To 250, Add	0.37	
			For >250 To 500, Add	0.16	
09 97	13 23-0122	SF	Spray Type 3 Structural Steel One 3 Mil High Zinc Silicate Coat.....	1.55	
			For Up To 100, Add	0.68	
			For >100 To 250, Add	0.34	
			For >250 To 500, Add	0.15	
09 97	13 23-0123	SF	Spray Up To 14" Diameter Pipe One 3 Mil High Zinc Silicate Coat.....	2.32	
			For Up To 100, Add	1.19	
			For >100 To 250, Add	0.58	
			For >250 To 500, Add	0.26	
09 97	13 23-0124		Two 1.5 Mil Vinyl Enamel Finish Coats For Structural Steel (09 97 13 23-0033)		
			Note: Installed over existing primer.		
09 97	13 23-0125	SF	Spray Type 1 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	3.34	
			For Up To 100, Add	1.88	
			For >100 To 250, Add	0.91	
			For >250 To 500, Add	0.40	
09 97	13 23-0126	SF	Spray Type 2 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.74	
			For Up To 100, Add	1.49	
			For >100 To 250, Add	0.72	
			For >250 To 500, Add	0.32	
09 97	13 23-0127	SF	Spray Type 3 Structural Steel Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.42	
			For Up To 100, Add	1.25	
			For >100 To 250, Add	0.61	
			For >250 To 500, Add	0.27	
09 97	13 23-0128	SF	Spray Up To 14" Diameter Pipe Two 1.5 Mil Vinyl Enamel Finish Coats.....	3.86	
			For Up To 100, Add	2.25	
			For >100 To 250, Add	1.08	
			For >250 To 500, Add	0.47	
09 97	13 24		Steel Water Storage Tank Painting (09 97 13)		
09 97	13 24-0001		Surface Preparation For Tanks (09 97 13 24)		
			Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97	13 24-0002		SSPC SP2 Or 3 Hand Or Power Tool Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		
09 97	13 24-0003	SF	Small Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	1.36	
			For Up To 100, Add	1.02	
			For >100 To 250, Add	0.48	
			For >250 To 500, Add	0.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0004 SF Large Vessel/Tank SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	1.20	
<i>For Up To 100, Add</i>	0.90	
<i>For >100 To 250, Add</i>	0.42	
<i>For >250 To 500, Add</i>	0.18	
09 97 13 24-0005 SF Vessel/Tank Interior SP2/3 Hand Or Power Tool Cleaning Surface Preparation.....	1.70	
<i>For Up To 100, Add</i>	1.28	
<i>For >100 To 250, Add</i>	0.60	
<i>For >250 To 500, Add</i>	0.26	
09 97 13 24-0006 SSPC SP7 Brush Off Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		
09 97 13 24-0007 SF Small Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.81	
<i>For Up To 100, Add</i>	0.57	
<i>For >100 To 250, Add</i>	0.27	
<i>For >250 To 500, Add</i>	0.11	
09 97 13 24-0008 SF Large Vessel/Tank SP7 Brush Off Blast Cleaning Surface Preparation	0.67	
<i>For Up To 100, Add</i>	0.47	
<i>For >100 To 250, Add</i>	0.22	
<i>For >250 To 500, Add</i>	0.09	
09 97 13 24-0009 SF Vessel/Tank Interior SP7 Brush Off Blast Cleaning Surface Preparation	1.16	
<i>For Up To 100, Add</i>	0.83	
<i>For >100 To 250, Add</i>	0.39	
<i>For >250 To 500, Add</i>	0.17	
09 97 13 24-0010 SSPC SP6 Commercial Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		
09 97 13 24-0011 SF Small Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	2.03	
<i>For Up To 100, Add</i>	1.43	
<i>For >100 To 250, Add</i>	0.67	
<i>For >250 To 500, Add</i>	0.29	
09 97 13 24-0012 SF Large Vessel/Tank SP6 Commercial Blast Cleaning Surface Preparation	1.85	
<i>For Up To 100, Add</i>	1.29	
<i>For >100 To 250, Add</i>	0.61	
<i>For >250 To 500, Add</i>	0.26	
09 97 13 24-0013 SF Vessel/Tank Interior SP6 Commercial Blast Cleaning Surface Preparation	2.70	
<i>For Up To 100, Add</i>	1.93	
<i>For >100 To 250, Add</i>	0.91	
<i>For >250 To 500, Add</i>	0.39	
09 97 13 24-0014 SSPC SP5 White Metal Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		
09 97 13 24-0015 SF Small Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation.....	3.64	
<i>For Up To 100, Add</i>	2.57	
<i>For >100 To 250, Add</i>	1.21	
<i>For >250 To 500, Add</i>	0.52	
09 97 13 24-0016 SF Large Vessel/Tank SP5 White Metal Blast Cleaning Surface Preparation	3.48	
<i>For Up To 100, Add</i>	2.45	
<i>For >100 To 250, Add</i>	1.15	
<i>For >250 To 500, Add</i>	0.50	
09 97 13 24-0017 SF Vessel/Tank Interior SP5 White Metal Blast Cleaning Surface Preparation	5.08	
<i>For Up To 100, Add</i>	3.65	
<i>For >100 To 250, Add</i>	1.71	
<i>For >250 To 500, Add</i>	0.74	
09 97 13 24-0018 SSPC SP10 Near White Metal Blast Cleaning Surface Preparation For Tanks (09 97 13 24-0001)		
09 97 13 24-0019 SF Small Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	2.91	
<i>For Up To 100, Add</i>	2.06	
<i>For >100 To 250, Add</i>	0.97	
<i>For >250 To 500, Add</i>	0.42	
09 97 13 24-0020 SF Large Vessel/Tank SP10 Near White Metal Blast Cleaning Surface Preparation.....	2.91	
<i>For Up To 100, Add</i>	2.06	
<i>For >100 To 250, Add</i>	0.97	
<i>For >250 To 500, Add</i>	0.42	
09 97 13 24-0021 SF Vessel/Tank Interior SP10 Near White Metal Blast Cleaning Surface Preparation.....	4.26	
<i>For Up To 100, Add</i>	3.08	
<i>For >100 To 250, Add</i>	1.44	
<i>For >250 To 500, Add</i>	0.62	
09 97 13 24-0022 Protective Coatings For Tanks (09 97 13 24)		
Note: Small pressure vessels and tanks - up to 12' diameter, large pressure vessels and tanks - over 12' diameter, tank interiors - over 6' diameter.		
09 97 13 24-0023 1.5 Mil Prime Coat For Tanks (09 97 13 24-0022)		
09 97 13 24-0024 SF Spray Small Vessel/Tank 1.5 Mil Prime Coat	0.66	
<i>For Up To 100, Add</i>	0.40	
<i>For >100 To 250, Add</i>	0.19	
<i>For >250 To 500, Add</i>	0.08	
09 97 13 24-0025 SF Spray Large Vessel/Tank 1.5 Mil Prime Coat	0.53	
<i>For Up To 100, Add</i>	0.30	
<i>For >100 To 250, Add</i>	0.15	
<i>For >250 To 500, Add</i>	0.06	

09 Finishes

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09 97 Special Coatings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0026	SF		Spray Tank Interior 1.5 Mil Prime Coat.....	1.23	
			<i>For Up To 100, Add</i>	0.83	
			<i>For >100 To 250, Add</i>	0.39	
			<i>For >250 To 500, Add</i>	0.17	
09 97 13 24-0027	SF		Brush Small Vessel/Tank 1.5 Mil Prime Coat	0.80	
			<i>For Up To 100, Add</i>	0.50	
			<i>For >100 To 250, Add</i>	0.24	
			<i>For >250 To 500, Add</i>	0.10	
09 97 13 24-0028	SF		Brush Large Vessel/Tank 1.5 Mil Prime Coat	0.65	
			<i>For Up To 100, Add</i>	0.39	
			<i>For >100 To 250, Add</i>	0.19	
			<i>For >250 To 500, Add</i>	0.08	
09 97 13 24-0029	SF		Brush Tank Interior 1.5 Mil Prime Coat.....	1.55	
			<i>For Up To 100, Add</i>	1.07	
			<i>For >100 To 250, Add</i>	0.50	
			<i>For >250 To 500, Add</i>	0.22	
09 97 13 24-0030			1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0031	SF		Spray Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.93	
			<i>For Up To 100, Add</i>	1.13	
			<i>For >100 To 250, Add</i>	0.54	
			<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0032	SF		Spray Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.51	
			<i>For Up To 100, Add</i>	0.81	
			<i>For >100 To 250, Add</i>	0.40	
			<i>For >250 To 500, Add</i>	0.17	
09 97 13 24-0033	SF		Spray Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	3.48	
			<i>For Up To 100, Add</i>	2.29	
			<i>For >100 To 250, Add</i>	1.09	
			<i>For >250 To 500, Add</i>	0.47	
09 97 13 24-0034	SF		Spray Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.45	
			<i>For Up To 100, Add</i>	0.85	
			<i>For >100 To 250, Add</i>	0.41	
			<i>For >250 To 500, Add</i>	0.18	
09 97 13 24-0035	SF		Spray Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.14	
			<i>For Up To 100, Add</i>	0.62	
			<i>For >100 To 250, Add</i>	0.30	
			<i>For >250 To 500, Add</i>	0.13	
09 97 13 24-0036	SF		Spray Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	2.62	
			<i>For Up To 100, Add</i>	1.73	
			<i>For >100 To 250, Add</i>	0.82	
			<i>For >250 To 500, Add</i>	0.35	
09 97 13 24-0037	SF		Brush Small Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	2.52	
			<i>For Up To 100, Add</i>	1.57	
			<i>For >100 To 250, Add</i>	0.75	
			<i>For >250 To 500, Add</i>	0.33	
09 97 13 24-0038	SF		Brush Large Vessel/Tank 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats.....	1.94	
			<i>For Up To 100, Add</i>	1.14	
			<i>For >100 To 250, Add</i>	0.55	
			<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0039	SF		Brush Tank Interior 1.5 Mil Prime And Two 1.5 Mil Alkyd Finish Coats	4.75	
			<i>For Up To 100, Add</i>	3.24	
			<i>For >100 To 250, Add</i>	1.53	
			<i>For >250 To 500, Add</i>	0.66	
09 97 13 24-0040	SF		Brush Small Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.89	
			<i>For Up To 100, Add</i>	1.18	
			<i>For >100 To 250, Add</i>	0.56	
			<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0041	SF		Brush Large Vessel/Tank 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats.....	1.46	
			<i>For Up To 100, Add</i>	0.86	
			<i>For >100 To 250, Add</i>	0.41	
			<i>For >250 To 500, Add</i>	0.18	
09 97 13 24-0042	SF		Brush Tank Interior 1.5 Mil Prime And One 1.5 Mil Alkyd Finish Coats	3.56	
			<i>For Up To 100, Add</i>	2.43	
			<i>For >100 To 250, Add</i>	1.15	
			<i>For >250 To 500, Add</i>	0.49	
09 97 13 24-0043			Touch-Up And Two 1.5 Mil Alkyd Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0044	SF		Spray Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.71	
			<i>For Up To 100, Add</i>	1.05	
			<i>For >100 To 250, Add</i>	0.50	
			<i>For >250 To 500, Add</i>	0.22	
09 97 13 24-0045	SF		Spray Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats.....	1.46	
			<i>For Up To 100, Add</i>	0.86	
			<i>For >100 To 250, Add</i>	0.41	
			<i>For >250 To 500, Add</i>	0.18	
09 97 13 24-0046	SF		Spray Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	3.59	
			<i>For Up To 100, Add</i>	2.46	
			<i>For >100 To 250, Add</i>	1.16	
			<i>For >250 To 500, Add</i>	0.50	
09 97 13 24-0047	SF		Spray Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat.....	1.09	
			<i>For Up To 100, Add</i>	0.67	
			<i>For >100 To 250, Add</i>	0.32	
			<i>For >250 To 500, Add</i>	0.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0048 SF Spray Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	0.93	
<i>For Up To 100, Add</i>	0.55	
<i>For >100 To 250, Add</i>	0.26	
<i>For >250 To 500, Add</i>	0.11	
09 97 13 24-0049 SF Spray Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	2.30	
<i>For Up To 100, Add</i>	1.58	
<i>For >100 To 250, Add</i>	0.74	
<i>For >250 To 500, Add</i>	0.32	
09 97 13 24-0050 SF Brush Small Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	2.10	
<i>For Up To 100, Add</i>	1.34	
<i>For >100 To 250, Add</i>	0.64	
<i>For >250 To 500, Add</i>	0.28	
09 97 13 24-0051 SF Brush Large Vessel/Tank Touch-Up And Two 1.5 Mil Alkyd Finish Coats	1.78	
<i>For Up To 100, Add</i>	1.10	
<i>For >100 To 250, Add</i>	0.53	
<i>For >250 To 500, Add</i>	0.23	
09 97 13 24-0052 SF Brush Tank Interior Touch-Up And Two 1.5 Mil Alkyd Finish Coats	4.81	
<i>For Up To 100, Add</i>	3.46	
<i>For >100 To 250, Add</i>	1.62	
<i>For >250 To 500, Add</i>	0.70	
09 97 13 24-0053 SF Brush Small Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.35	
<i>For Up To 100, Add</i>	0.86	
<i>For >100 To 250, Add</i>	0.41	
<i>For >250 To 500, Add</i>	0.18	
09 97 13 24-0054 SF Brush Large Vessel/Tank Touch-Up And One 1.5 Mil Alkyd Finish Coat	1.14	
<i>For Up To 100, Add</i>	0.71	
<i>For >100 To 250, Add</i>	0.34	
<i>For >250 To 500, Add</i>	0.15	
09 97 13 24-0055 SF Brush Tank Interior Touch-Up And One 1.5 Mil Alkyd Finish Coats	3.17	
<i>For Up To 100, Add</i>	2.23	
<i>For >100 To 250, Add</i>	1.05	
<i>For >250 To 500, Add</i>	0.45	
09 97 13 24-0056 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0057 SF Spray Small Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.56	
<i>For Up To 100, Add</i>	1.27	
<i>For >100 To 250, Add</i>	0.63	
<i>For >250 To 500, Add</i>	0.28	
09 97 13 24-0058 SF Spray Large Vessel/Tank 2 Mil Prime And Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	2.23	
<i>For Up To 100, Add</i>	1.02	
<i>For >100 To 250, Add</i>	0.51	
<i>For >250 To 500, Add</i>	0.23	
09 97 13 24-0059 SF Spray Small Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.79	
<i>For Up To 100, Add</i>	0.89	
<i>For >100 To 250, Add</i>	0.44	
<i>For >250 To 500, Add</i>	0.19	
09 97 13 24-0060 SF Spray Large Vessel/Tank Two 2 Mil Epoxy Polyamide Cured Resin Finish Coats	1.56	
<i>For Up To 100, Add</i>	0.72	
<i>For >100 To 250, Add</i>	0.36	
<i>For >250 To 500, Add</i>	0.16	
09 97 13 24-0061 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0062 SF Spray Small Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.86	
<i>For Up To 100, Add</i>	1.32	
<i>For >100 To 250, Add</i>	0.66	
<i>For >250 To 500, Add</i>	0.29	
09 97 13 24-0063 SF Spray Large Vessel/Tank 2 Mil Prime And Two 6 Mil High Build Epoxy Finish Coats	2.53	
<i>For Up To 100, Add</i>	1.07	
<i>For >100 To 250, Add</i>	0.54	
<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0064 SF Spray Small Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.34	
<i>For Up To 100, Add</i>	1.08	
<i>For >100 To 250, Add</i>	0.54	
<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0065 SF Spray Large Vessel/Tank Two 6 Mil High Build Epoxy Finish Coats	2.07	
<i>For Up To 100, Add</i>	0.87	
<i>For >100 To 250, Add</i>	0.44	
<i>For >250 To 500, Add</i>	0.20	
09 97 13 24-0066 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0067 SF Spray Small Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.71	
<i>For Up To 100, Add</i>	3.47	
<i>For >100 To 250, Add</i>	1.70	
<i>For >250 To 500, Add</i>	0.75	
09 97 13 24-0068 SF Spray Large Vessel/Tank 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	6.22	
<i>For Up To 100, Add</i>	3.10	
<i>For >100 To 250, Add</i>	1.52	
<i>For >250 To 500, Add</i>	0.67	

09 Finishes

09 90 Painting and Coating

09 97 Special Coatings



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0069	SF		Spray Tank Interior 1 Mil Prime, Three 2.33 Mil Body Coats And Two 1 Mil Vinyl Finish Coats	10.00	
			<i>For Up To 100, Add</i>	5.93	
			<i>For >100 To 250, Add</i>	2.85	
			<i>For >250 To 500, Add</i>	1.24	
09 97 13 24-0070			1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0071	SF		Spray Small Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.58	
			<i>For Up To 100, Add</i>	1.64	
			<i>For >100 To 250, Add</i>	0.82	
			<i>For >250 To 500, Add</i>	0.36	
09 97 13 24-0072	SF		Spray Large Vessel/Tank 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	3.23	
			<i>For Up To 100, Add</i>	1.37	
			<i>For >100 To 250, Add</i>	0.69	
			<i>For >250 To 500, Add</i>	0.31	
09 97 13 24-0073	SF		Spray Tank Interior 1.5 Mil Prime And Two 4 Mil High Build Vinyl Finish Coats	5.20	
			<i>For Up To 100, Add</i>	2.85	
			<i>For >100 To 250, Add</i>	1.38	
			<i>For >250 To 500, Add</i>	0.61	
09 97 13 24-0074	SF		Spray Small Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats.....	2.83	
			<i>For Up To 100, Add</i>	1.29	
			<i>For >100 To 250, Add</i>	0.65	
			<i>For >250 To 500, Add</i>	0.29	
09 97 13 24-0075	SF		Spray Large Vessel/Tank Two 4 Mil High Build Vinyl Finish Coats	2.55	
			<i>For Up To 100, Add</i>	1.08	
			<i>For >100 To 250, Add</i>	0.55	
			<i>For >250 To 500, Add</i>	0.24	
09 97 13 24-0076	SF		Spray Tank Interior Two 4 Mil High Build Vinyl Finish Coats	4.11	
			<i>For Up To 100, Add</i>	2.25	
			<i>For >100 To 250, Add</i>	1.09	
			<i>For >250 To 500, Add</i>	0.48	
09 97 13 24-0077			Two 8 Mil Coal Tar Epoxy Coats For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0078	SF		Spray Small Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats.....	3.12	
			<i>For Up To 100, Add</i>	1.75	
			<i>For >100 To 250, Add</i>	0.84	
			<i>For >250 To 500, Add</i>	0.37	
09 97 13 24-0079	SF		Spray Large Vessel/Tank Two 8 Mil Coal Tar Epoxy Coats	2.63	
			<i>For Up To 100, Add</i>	1.38	
			<i>For >100 To 250, Add</i>	0.67	
			<i>For >250 To 500, Add</i>	0.30	
09 97 13 24-0080	SF		Spray Tank Interior Two 8 Mil Coal Tar Epoxy Coats	3.94	
			<i>For Up To 100, Add</i>	2.36	
			<i>For >100 To 250, Add</i>	1.13	
			<i>For >250 To 500, Add</i>	0.49	
09 97 13 24-0081			One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0082	SF		Spray Small Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.18	
			<i>For Up To 100, Add</i>	1.17	
			<i>For >100 To 250, Add</i>	0.57	
			<i>For >250 To 500, Add</i>	0.25	
09 97 13 24-0083	SF		Spray Large Vessel/Tank One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	2.01	
			<i>For Up To 100, Add</i>	1.04	
			<i>For >100 To 250, Add</i>	0.51	
			<i>For >250 To 500, Add</i>	0.22	
09 97 13 24-0084	SF		Spray Tank Interior One 1 Mil Primer, One 3 Mil Intermediate And One 1 Mil Chlorinated Rubber Finish Coat.....	3.25	
			<i>For Up To 100, Add</i>	1.97	
			<i>For >100 To 250, Add</i>	0.94	
			<i>For >250 To 500, Add</i>	0.41	
09 97 13 24-0085			Two 6 Mil High Build Epoxy Finish Coats For Tanks Interior <small>(09 97 13 24-0022)</small>		
09 97 13 24-0086	SF		Spray Small Tank Interior Two 6 Mil High Build Epoxy Finish Coats	4.75	
			<i>For Up To 100, Add</i>	2.69	
			<i>For >100 To 250, Add</i>	1.30	
			<i>For >250 To 500, Add</i>	0.57	
09 97 13 24-0087	SF		Spray Large Tank Interior Two 6 Mil High Build Epoxy Finish Coats.....	2.97	
			<i>For Up To 100, Add</i>	1.43	
			<i>For >100 To 250, Add</i>	0.71	
			<i>For >250 To 500, Add</i>	0.31	
09 97 13 24-0088			One 3 Mil High Zinc Silicate Coat For Tanks <small>(09 97 13 24-0022)</small>		
09 97 13 24-0089	SF		Spray Small Vessel/Tank One 3 Mil High Zinc Silicate Coat	1.44	
			<i>For Up To 100, Add</i>	0.61	
			<i>For >100 To 250, Add</i>	0.31	
			<i>For >250 To 500, Add</i>	0.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
09 97 13 24-0090 SF Spray Large Vessel/Tank One 3 Mil High Zinc Silicate Coat.....	1.41	
For Up To 100, Add	0.58	
For >100 To 250, Add	0.30	
For >250 To 500, Add	0.13	
09 97 13 24-0091 SF Spray Tank Interior One 3 Mil High Zinc Silicate Coat.....	2.19	
For Up To 100, Add	1.17	
For >100 To 250, Add	0.57	
For >250 To 500, Add	0.25	
09 97 13 24-0092 Two 1.5 Mil Vinyl Enamel Finish Coats For Tanks (09 97 13 24-0022)		
Note: Installed over existing primer.		
09 97 13 24-0093 SF Spray Small Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.31	
For Up To 100, Add	1.19	
For >100 To 250, Add	0.58	
For >250 To 500, Add	0.26	
09 97 13 24-0094 SF Spray Large Vessel/Tank Two 1.5 Mil Vinyl Enamel Finish Coats.....	2.06	
For Up To 100, Add	1.00	
For >100 To 250, Add	0.49	
For >250 To 500, Add	0.22	
09 97 13 24-0095 SF Spray Tank Interior Two 1.5 Mil Vinyl Enamel Finish Coats.....	3.13	
For Up To 100, Add	1.80	
For >100 To 250, Add	0.87	
For >250 To 500, Add	0.38	
09 97 13 24-0096 One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat For Tanks (09 97 13 24-0022)		
09 97 13 24-0097 SF Spray/Mop Large Vessel/Tank One 1 Mil Primer And 95 Mil Hot Coal Tar Enamel Finish Coat.....	8.11	
For Up To 100, Add	4.96	
For >100 To 250, Add	2.37	
For >250 To 500, Add	1.03	
09 97 26 Cementitious Coatings (09 97)		
09 97 26 13 Interior Cementitious Coatings (09 97 26)		
09 97 26 13-0001 Ceramic-Like Glazed Coating (09 97 26 13)		
09 97 26 13-0002 Ceramic-Like Glazed Coating, Cementitious (09 97 26 13-0001)		
09 97 26 13-0003 SF Ceramic-like Glazed Coating. - Cementitious.....	2.44	
09 97 26 13-0004 Ceramic-Like Glazed Coating, Resin Base (09 97 26 13-0001)		
09 97 26 13-0005 SF Ceramic-like Glazed Coating - Resin.....	2.06	
09 97 35 Dry Erase Coatings (09 97)		
09 97 35 00-0001 Dry-Erase Paint (09 97 35)		
09 97 35 00-0002 Dry-Erase Paint (IdeaPaint™ PRO) (09 97 35 00-0001)		
09 97 35 00-0003 SF Dry-Erase Paint (IdeaPaint™ PRO), Applied With Roller.....	11.99	
Note: Includes two coats of primer and white, white sand, light beige or light gray surface.		
09 97 35 00-0004 Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE) (09 97 35 00-0001)		
09 97 35 00-0005 SF Clear, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller.....	6.71	
Note: For application over existing latex-based top coats.		
09 97 35 00-0006 SF Black Or White, Low VOC/Odorless, Dry-Erase Paint (IdeaPaint™ CREATE), Applied With Roller.....	12.86	
Note: Includes two coats of primer and white or black surface coat.		
09 97 63 Special Coatings and Protection Systems (09 97)		
09 97 63 00-0001 Acrylic Glazed Coating (09 97 63)		
09 97 63 00-0002 SF Acrylic Glazed Coating.....	1.60	

END OF SECTION 09

09	09	Finishes
	09 90	Painting and Coating
	09 97	Special Coatings



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 Specialties

10 01 Operation and Maintenance of Specialties ⁽¹⁰⁾

10 01 40 Operation and Maintenance of Safety Specialties ^(10 01)

10 01 40 00-0001	Recharge Existing Portable Fire Extinguishers ^(10 01 40)		
	Note: Includes removal, filling, testing, certification and reinstallation.		
10 01 40 00-0002	Recharge Carbon Dioxide, Class BC Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0003	EA Recharge 2.5 LB Carbon Dioxide Portable Fire Extinguisher	17.54	
10 01 40 00-0004	EA Recharge 5 LB Carbon Dioxide Portable Fire Extinguisher	19.49	
10 01 40 00-0005	EA Recharge 10 LB Carbon Dioxide Portable Fire Extinguisher	20.27	
10 01 40 00-0006	EA Recharge 15 LB Carbon Dioxide Portable Fire Extinguisher	22.95	
10 01 40 00-0007	EA Recharge 20 LB Carbon Dioxide Portable Fire Extinguisher	26.51	
10 01 40 00-0008	Recharge Dry Chemical, Class ABC Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0009	EA Recharge 2.5 LB Dry Chemical Portable Fire Extinguisher	21.16	
10 01 40 00-0010	EA Recharge 5 LB Dry Chemical Portable Fire Extinguisher	25.62	
10 01 40 00-0011	EA Recharge 10 LB Dry Chemical Portable Fire Extinguisher	36.20	
10 01 40 00-0012	EA Recharge 20 LB Dry Chemical Portable Fire Extinguisher	57.14	
10 01 40 00-0013	Recharge Other Portable Fire Extinguishers ^(10 01 40 00-0001)		
10 01 40 00-0014	EA Recharge 2.5 Gallon Pressurized Water Portable Fire Extinguisher	20.94	
10 01 40 00-0015	EA Recharge 1.6 Gallon Wet Chemical Class K Fire Extinguisher	149.26	
10 01 40 00-0016	EA Recharge 2.5 Gallon Wet Chemical Class K Fire Extinguisher	208.96	
10 01 40 00-0017	EA Recharge 30 LB Dry Powder Class D Portable Fire Extinguisher	86.03	

10 01 50 Operation and Maintenance of Storage Specialties ^(10 01)

10 01 50 11 Operation and Maintenance of Storage Specialties ^(10 01 50)

10 01 50 11-0001	Locker Repair And Refinishing ^(10 01 50 11)		
10 01 50 11-0002	EA Removal And Replacement Of Single Tier Locker Door	360.62	
10 01 50 11-0003	EA Removal And Replacement Of Two Tier Locker Door	283.64	
10 01 50 11-0004	EA Removal And Replacement Of Three Tier Locker Door	243.27	
10 01 50 11-0005	EA Removal And Replacement Of Four Tier Locker Door	205.38	
10 01 50 11-0006	EA Removal And Replacement Of Six Tier Or Sixteen Person Locker Door	114.52	
10 01 50 11-0007	EA Realign Metal Locker Door For Proper Closure	41.09	
10 01 50 11-0008	EA Patch Small Drill Holes In Locker	8.22	

10 10 Information Specialties ⁽¹⁰⁾

10 11 Visual Display Units ^(10 10)

10 11 13 Chalkboards ^(10 11)

10 11 13 13 Fixed Chalkboards ^(10 11 13)

Note: Select task based off the square footage of an individual chalkboard. For example use the >12 To 16 SF range for each 3' x 5' chalkboard.

10 11 13 13-0001	Porcelain Enamel Steel Chalkboards ^(10 11 13 13)		
10 11 13 13-0002	5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 800 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0003	SF Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	50.83	9.72
10 11 13 13-0004	SF >6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	32.46	4.57
10 11 13 13-0005	SF >12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	28.05	3.95
10 11 13 13-0006	SF >16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	23.27	2.57
10 11 13 13-0007	SF >24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	19.45	1.43
10 11 13 13-0008	1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboards (Claridge 1300 Series) ^(10 11 13 13-0001)		
	Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, chalk tray and mounting hardware.		
10 11 13 13-0009	SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	53.74	9.72
10 11 13 13-0010	SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	35.30	4.57
10 11 13 13-0011	SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	30.67	3.95
10 11 13 13-0012	SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	26.44	2.57
10 11 13 13-0013	SF >24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Chalkboard	22.56	1.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 11 13 13-0014			1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboards (Claridge 1600 Series) <small>(10 11 13 13-0001)</small> Note: Includes up to 1/2" core material, aluminum backing, chalk tray and mounting hardware.		
10 11 13 13-0015	SF		Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	49.03	9.72
10 11 13 13-0016	SF		>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	30.62	4.57
10 11 13 13-0017	SF		>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	26.30	3.95
10 11 13 13-0018	SF		>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	21.80	2.57
10 11 13 13-0019	SF		>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Chalkboard	17.81	1.43
10 11 13 13-0020			Removal And Reinstallation Of Chalkboards <small>(10 11 13 13)</small> Note: Includes storage and cleaning.		
10 11 13 13-0021	SF		Removal And Reinstallation Of Chalkboard	11.95	
10 11 13 13-0022			Field Applied Chalkboard And Accessories <small>(10 11 13 13)</small>		
10 11 13 13-0023			Chalkboard Face Sheets And Panels <small>(10 11 13 13-0022)</small>		
10 11 13 13-0024	SF		Porcelain Enamel Steel Chalkboard Face Sheet (Claridge Vitracite)	16.94	4.57
			Note: Includes porcelain enamel steel chalkboard skin.		
10 11 13 13-0025	SF		Porcelain Enamel Steel Chalkboard Panel (Claridge VIT)	20.18	4.57
			Note: Includes porcelain enamel steel surface mounted on either particle board or hardboard core with an aluminum moisture barrier back.		
10 11 13 13-0026			Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 13 13-0022)</small>		
10 11 13 13-0027	LF		Chalk And Marker Tray, Field Applied	24.62	6.28
10 11 13 13-0028	PR		Chalk And Marker Tray End Closures, Field Applied	30.79	11.43
10 11 13 13-0029	LF		Mullion Trim For Chalkboards And Markerboards, Field Applied	17.47	6.28
10 11 13 13-0030	LF		Screw On Trim For Chalkboards And Markerboards, Field Applied	17.08	6.28
10 11 13 13-0031	LF		1/2" Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.18	6.28
10 11 13 13-0032	LF		1/4" Leg Map Rail For Chalkboards And Markerboards, Field Applied	20.27	6.28
10 11 13 13-0033	LF		No Leg Map Rail For Chalkboards And Markerboards, Field Applied	18.18	6.28
10 11 13 33			Rail-Mounted Chalkboards <small>(10 11 13)</small>		
10 11 13 33-0001			Horizontal Sliding, Porcelain Enamel Steel Chalkboards (Claridge HS Series) <small>(10 11 13 33)</small>		
10 11 13 33-0002			Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0003	EA		4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,332.03	114.31
10 11 13 33-0004	EA		4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,617.87	114.31
10 11 13 33-0005	EA		4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	2,964.84	121.74
10 11 13 33-0006	EA		4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,296.96	121.74
10 11 13 33-0007	EA		4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,107.81	130.88
10 11 13 33-0008	EA		4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,372.72	130.88
10 11 13 33-0009	EA		4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,940.45	137.16
10 11 13 33-0010	EA		4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,598.06	137.16
10 11 13 33-0011			Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0012	EA		4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,184.66	114.31
10 11 13 33-0013	EA		4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,776.74	114.31
10 11 13 33-0014	EA		4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,322.00	121.74
10 11 13 33-0015	EA		4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,865.62	121.74
10 11 13 33-0016	EA		4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,546.48	130.88
10 11 13 33-0017	EA		4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,786.06	130.88
10 11 13 33-0018	EA		4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,784.52	137.16
10 11 13 33-0019	EA		4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,584.23	137.16
10 11 13 33-0020			Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0001)</small>		
10 11 13 33-0021	EA		4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	3,548.19	114.31
10 11 13 33-0022	EA		4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,032.31	114.31
10 11 13 33-0023	EA		4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	4,556.64	121.74
10 11 13 33-0024	EA		4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	5,112.38	121.74
10 11 13 33-0025	EA		4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,189.81	130.88
10 11 13 33-0026	EA		4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	6,444.81	130.88
10 11 13 33-0027	EA		4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	7,609.61	137.16
10 11 13 33-0028	EA		4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Chalkboard	8,494.76	137.16
10 11 13 33-0029			Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge TW Series) <small>(10 11 13 33)</small>		
10 11 13 33-0030			One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboards <small>(10 11 13 33-0029)</small>		
10 11 13 33-0031	EA		8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard	2,786.41	114.31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 13 33-0032	EA		8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,074.46	114.31
10 11 13 33-0033	EA		8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,361.94	121.74
10 11 13 33-0034	EA		8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	3,862.03	121.74
10 11 13 33-0035	EA		8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,230.57	130.88
10 11 13 33-0036	EA		8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,692.09	130.88
10 11 13 33-0037			Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards^(10 11 13 33-0029)		
10 11 13 33-0038	EA		8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,084.00	114.31
10 11 13 33-0039	EA		8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,531.20	114.31
10 11 13 33-0040	EA		8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	4,980.04	121.74
10 11 13 33-0041	EA		8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,802.85	121.74
10 11 13 33-0042	EA		8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,315.66	130.88
10 11 13 33-0043	EA		8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,062.45	130.88
10 11 13 33-0044			Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboards^(10 11 13 33-0029)		
10 11 13 33-0045	EA		8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	5,574.36	114.31
10 11 13 33-0046	EA		8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,184.03	114.31
10 11 13 33-0047	EA		8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	6,795.33	121.74
10 11 13 33-0048	EA		8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	7,939.76	121.74
10 11 13 33-0049	EA		8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,610.05	130.88
10 11 13 33-0050	EA		8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,661.94	130.88
10 11 13 33-0051			Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards (Claridge MO Series)^(10 11 13 33)		
			Note: Excludes remotes.		
10 11 13 33-0052			One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards^(10 11 13 33-0051)		
10 11 13 33-0053	EA		10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	8,944.32	228.61
10 11 13 33-0054	EA		10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,199.45	228.61
10 11 13 33-0055	EA		10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,484.28	235.76
10 11 13 33-0056	EA		10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	9,951.57	235.76
10 11 13 33-0057	EA		10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,468.41	242.90
10 11 13 33-0058	EA		10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	10,919.18	242.90
10 11 13 33-0059	EA		10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	11,900.85	257.19
10 11 13 33-0060	EA		10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	12,025.55	257.19
10 11 13 33-0061			Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards^(10 11 13 33-0051)		
10 11 13 33-0062	EA		10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,062.75	228.61
10 11 13 33-0063	EA		10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,400.05	228.61
10 11 13 33-0064	EA		10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	14,776.98	235.76
10 11 13 33-0065	EA		10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	15,463.71	235.76
10 11 13 33-0066	EA		10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,147.11	242.90
10 11 13 33-0067	EA		10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	16,799.69	242.90
10 11 13 33-0068	EA		10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,125.28	257.19
10 11 13 33-0069	EA		10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,322.90	257.19
10 11 13 33-0070			Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboards^(10 11 13 33-0051)		
10 11 13 33-0071	EA		10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	18,265.75	228.61
10 11 13 33-0072	EA		10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	19,117.06	228.61
10 11 13 33-0073	EA		10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	19,568.45	235.76
10 11 13 33-0074	EA		10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	20,461.40	235.76
10 11 13 33-0075	EA		10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	21,400.59	242.90
10 11 13 33-0076	EA		10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	22,303.45	242.90
10 11 13 33-0077	EA		10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	24,085.32	257.19
10 11 13 33-0078	EA		10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Chalkboard.....	24,432.98	257.19
10 11 13 33-0079			Sliding Chalkboard And Markerboard Accessories^(10 11 13 33)		
10 11 13 33-0080	EA		One Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	671.28	
10 11 13 33-0081	EA		Two Sliding Panel, Remote Control For Motor Operated Sliding Chalkboard Or Markerboard.....	1,146.07	
10 11 16			Markerboards^(10 11)		
10 11 16 13			Fixed Markerboards^(10 11 16)		
			Note: Select task based off the square footage of an individual markerboard. For example use the >12 To 16 SF range for each 3' x 5' markerboard.		
10 11 16 13-0001			Porcelain Enamel Steel Markerboards ^(10 11 16 13)		

10	10	Specialties
	10 10	Information Specialties
	10 11	Visual Display Units



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 11 16 13-0002		5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 800 Series) <small>(10 11 16 13-0001)</small>			
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.			
10 11 16 13-0003	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	51.01		9.72
10 11 16 13-0004	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	33.10		4.57
10 11 16 13-0005	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	28.05		3.95
10 11 16 13-0006	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	23.50		2.57
10 11 16 13-0007	SF	>24 SF, 5/8" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	19.19		1.43
10 11 16 13-0008		1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboards (Claridge 1300 Series) <small>(10 11 16 13-0001)</small>			
		Note: Includes up to 1/2" core material, aluminum backing, full length map rail, map hooks, marker tray and mounting hardware.			
10 11 16 13-0009	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	53.78		9.72
10 11 16 13-0010	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	33.93		4.57
10 11 16 13-0011	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	29.29		3.95
10 11 16 13-0012	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	25.06		2.57
10 11 16 13-0013	SF	>24 SF, 1-1/4" Face Aluminum Frame, Porcelain Enamel Steel Markerboard.....	21.75		1.43
10 11 16 13-0014		1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboards (Claridge LCS Series) <small>(10 11 16 13-0001)</small>			
		Note: Includes up to 1/2" core material, aluminum backing, marker tray and mounting hardware.			
10 11 16 13-0015	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	49.01		9.72
10 11 16 13-0016	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	30.63		4.57
10 11 16 13-0017	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	27.64		3.95
10 11 16 13-0018	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	21.94		2.57
10 11 16 13-0019	SF	>24 SF, 1-3/4" Face Wood Frame, Porcelain Enamel Steel Markerboard.....	17.50		1.43
10 11 16 13-0020		Melamine Markerboards <small>(10 11 16 13)</small>			
10 11 16 13-0021		1-1/4" Face Aluminum Frame, Melamine Markerboard (Claridge MLC Series) <small>(10 11 16 13-0020)</small>			
		Note: Includes full length map rail, map hooks, marker tray and mounting hardware.			
10 11 16 13-0022	SF	Up To 6 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	40.54		9.72
10 11 16 13-0023	SF	>6 To 12 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	24.80		4.57
10 11 16 13-0024	SF	>12 To 16 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	21.51		3.95
10 11 16 13-0025	SF	>16 To 24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	16.16		2.57
10 11 16 13-0026	SF	>24 SF, 1-1/4" Face Aluminum Frame, Melamine Markerboard.....	13.09		1.43
10 11 16 13-0027		1-3/4" Face Wood Frame, Melamine Markerboard (Claridge MLC Series) <small>(10 11 16 13-0020)</small>			
		Note: Includes marker tray and mounting hardware.			
10 11 16 13-0028	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	39.60		9.72
10 11 16 13-0029	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	24.36		4.57
10 11 16 13-0030	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	20.89		3.95
10 11 16 13-0031	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	15.05		2.57
10 11 16 13-0032	SF	>24 SF, 1-3/4" Face Wood Frame, Melamine Markerboard.....	12.09		1.43
10 11 16 13-0033		Nonporous, Non-Staining Markerboards <small>(10 11 16 13)</small>			
10 11 16 13-0034		5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <small>(10 11 16 13-0033)</small>			
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.			
10 11 16 13-0035	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	54.23		9.72
		<i>For Magnetic Surface, Add</i>	3.48		
10 11 16 13-0036	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	35.62		4.57
		<i>For Magnetic Surface, Add</i>	2.65		
10 11 16 13-0037	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	30.72		3.95
		<i>For Magnetic Surface, Add</i>	2.28		
10 11 16 13-0038	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	27.08		2.57
		<i>For Magnetic Surface, Add</i>	2.19		
10 11 16 13-0039	SF	>24 SF, 5/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	23.32		1.43
		<i>For Magnetic Surface, Add</i>	2.05		
10 11 16 13-0040		1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <small>(10 11 16 13-0033)</small>			
		Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.			
10 11 16 13-0041	SF	Up To 6 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	54.23		9.72
		<i>For Magnetic Surface, Add</i>	3.48		
10 11 16 13-0042	SF	>6 To 12 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	35.62		4.57
		<i>For Magnetic Surface, Add</i>	2.65		
10 11 16 13-0043	SF	>12 To 16 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard.....	30.72		3.95
		<i>For Magnetic Surface, Add</i>	2.28		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 13-0044	SF		>16 To 24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	27.08 2.19	2.57
10 11 16 13-0045	SF		>24 SF, 1-1/8" Face Aluminum Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	23.32 2.05	1.43
10 11 16 13-0046			1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboards (EverWhite Classic Series) <small>(10 11 16 13-0033)</small> Note: Includes non-staining permanent marker resistant surface, non-magnetic surface, marker tray and mounting hardware.		
10 11 16 13-0047	SF		Up To 6 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	97.35 7.79	9.72
10 11 16 13-0048	SF		>6 To 12 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	61.53 5.24	4.57
10 11 16 13-0049	SF		>12 To 16 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	51.99 4.41	3.95
10 11 16 13-0050	SF		>16 To 24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	43.91 3.88	2.57
10 11 16 13-0051	SF		>24 SF, 1-1/4" Face Wood Frame, Nonporous, Non-Staining Markerboard <i>For Magnetic Surface, Add</i>	34.07 3.12	1.43
10 11 16 13-0052			Nonporous, Non-Staining Markerboard Resurfacing Panels (EverWhite EverEZ Resurfacing Panels) <small>(10 11 16 13-0033)</small> Note: Includes non-staining, permanent marker resistant, magnetic dry erase surface. Excludes frame. Resurfacing panel for mounting to existing chalkboard or markerboard consists of dry erase surface, 24-gauge treated steel interlayer and pressure-sensitive adhesive backing.		
10 11 16 13-0053	SF		Up To 16 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	24.33	3.95
10 11 16 13-0054	SF		>16 To 24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	20.74	2.57
10 11 16 13-0055	SF		>24 SF, Nonporous, Non-Staining Markerboard Resurfacing Panel With Pressure-Sensitive Adhesive Backing	17.40	1.43
10 11 16 13-0056			Removal And Reinstallation Of Markerboard <small>(10 11 16 13)</small> Note: Includes storage and cleaning.		
10 11 16 13-0057	EA		Up To 6 SF, Removal And Reinstallation Of Markerboard	68.58	
10 11 16 13-0058	EA		>6 To 12 SF, Removal And Reinstallation Of Markerboard	80.02	
10 11 16 13-0059	EA		>12 To 16 SF, Removal And Reinstallation Of Markerboard	91.45	
10 11 16 13-0060	EA		>16 To 24 SF, Removal And Reinstallation Of Markerboard	102.87	
10 11 16 13-0061	EA		>24 SF, Removal And Reinstallation Of Markerboard	114.31	
10 11 16 13-0062			Field Applied Markerboard And Accessories <small>(10 11 16 13)</small>		
10 11 16 13-0063			Markerboard Face Sheets And Panels <small>(10 11 16 13-0062)</small>		
10 11 16 13-0064	SF		Porcelain Enamel Steel Markerboard Face Sheet (Claridge LCS) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	16.68	4.57
10 11 16 13-0065	SF		Porcelain Enamel Steel Markerboard Face Sheet With Double Sided Tape (Claridge LCS EZ Stick) Note: Includes porcelain enamel steel markerboard skin backed with double sided tape.	19.59	4.57
10 11 16 13-0066	SF		Porcelain Enamel Steel Markerboard Panel (Claridge LCS) Note: Includes porcelain enamel steel surface mounted on either 3/8" particle board or 1/4" hardboard core with an aluminum moisture barrier back.	19.52	4.57
10 11 16 13-0067	SF		Melamine Markerboard Panel (Claridge 1032) Note: Includes 1/4" thick melamine panel.	11.41	4.57
10 11 16 13-0068			Chalkboard And Markerboard Accessory Trays And Trim <small>(10 11 16 13-0062)</small> See CSI section 10 11 13 13-0026 for chalkboard and markerboard accessory trays and trim.		
10 11 16 33			Rail-Mounted Markerboards <small>(10 11 16)</small>		
10 11 16 33-0001			Horizontal Sliding, Porcelain Enamel Steel Markerboards (Claridge HS Series) <small>(10 11 16 33)</small>		
10 11 16 33-0002			Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0003	EA		4' x 6' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,304.01	114.31
10 11 16 33-0004	EA		4' x 8' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,580.50	114.31
10 11 16 33-0005	EA		4' x 10' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	2,918.13	121.74
10 11 16 33-0006	EA		4' x 12' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,240.91	121.74
10 11 16 33-0007	EA		4' x 14' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,042.42	130.88
10 11 16 33-0008	EA		4' x 16' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,297.99	130.88
10 11 16 33-0009	EA		4' x 20' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,847.04	137.16
10 11 16 33-0010	EA		4' x 24' Frame, Two Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,485.96	137.16
10 11 16 33-0011			Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0012	EA		4' x 6' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,156.64	114.31
10 11 16 33-0013	EA		4' x 8' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,739.38	114.31
10 11 16 33-0014	EA		4' x 10' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,275.29	121.74
10 11 16 33-0015	EA		4' x 12' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,809.57	121.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0016	EA		4' x 14' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,481.09	130.88
10 11 16 33-0017	EA		4' x 16' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,711.33	130.88
10 11 16 33-0018	EA		4' x 20' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,691.10	137.16
10 11 16 33-0019	EA		4' x 24' Frame, Three Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,472.13	137.16
10 11 16 33-0020			Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0001)</small>		
10 11 16 33-0021	EA		4' x 6' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,520.16	114.31
10 11 16 33-0022	EA		4' x 8' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	3,994.95	114.31
10 11 16 33-0023	EA		4' x 10' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	4,509.93	121.74
10 11 16 33-0024	EA		4' x 12' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	5,056.33	121.74
10 11 16 33-0025	EA		4' x 14' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,124.42	130.88
10 11 16 33-0026	EA		4' x 16' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	6,370.08	130.88
10 11 16 33-0027	EA		4' x 20' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	7,516.19	137.16
10 11 16 33-0028	EA		4' x 24' Frame, Four Sliding Panels, Horizontal Sliding, Porcelain Enamel Steel Markerboard	8,410.68	137.16
10 11 16 33-0029			Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge TW Series) <small>(10 11 16 33)</small>		
10 11 16 33-0030			One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>		
10 11 16 33-0031	EA		8' x 4' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	2,749.05	114.31
10 11 16 33-0032	EA		8' x 5' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,027.75	114.31
10 11 16 33-0033	EA		8' x 6' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,305.89	121.74
10 11 16 33-0034	EA		8' x 8' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	3,787.30	121.74
10 11 16 33-0035	EA		8' x 10' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,137.15	130.88
10 11 16 33-0036	EA		8' x 12' Frame, One Sliding Panel, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,579.99	130.88
10 11 16 33-0037			Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>		
10 11 16 33-0038	EA		8' x 4' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,009.27	114.31
10 11 16 33-0039	EA		8' x 5' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,437.79	114.31
10 11 16 33-0040	EA		8' x 6' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	4,867.94	121.74
10 11 16 33-0041	EA		8' x 8' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,653.39	121.74
10 11 16 33-0042	EA		8' x 10' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,128.83	130.88
10 11 16 33-0043	EA		8' x 12' Frame, Two Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,838.25	130.88
10 11 16 33-0044			Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0029)</small>		
10 11 16 33-0045	EA		8' x 4' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	5,462.26	114.31
10 11 16 33-0046	EA		8' x 5' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,043.90	114.31
10 11 16 33-0047	EA		8' x 6' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	6,627.18	121.74
10 11 16 33-0048	EA		8' x 8' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	7,715.56	121.74
10 11 16 33-0049	EA		8' x 10' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	8,329.81	130.88
10 11 16 33-0050	EA		8' x 12' Frame, Three Sliding Panels, Vertical Sliding, Porcelain Enamel Steel Markerboard	9,325.64	130.88
10 11 16 33-0051			Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards (Claridge MO Series) <small>(10 11 16 33)</small>		
			Note: Excludes remotes.		
10 11 16 33-0052			One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0051)</small>		
10 11 16 33-0053	EA		10' x 4' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	8,897.61	228.61
10 11 16 33-0054	EA		10' x 5' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,141.06	228.61
10 11 16 33-0055	EA		10' x 6' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,414.22	235.76
10 11 16 33-0056	EA		10' x 8' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	9,858.16	235.76
10 11 16 33-0057	EA		10' x 10' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,351.64	242.90
10 11 16 33-0058	EA		10' x 12' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	10,779.06	242.90
10 11 16 33-0059	EA		10' x 14' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,737.38	257.19
10 11 16 33-0060	EA		10' x 16' Frame, One Sliding Panel, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	11,838.73	257.19
10 11 16 33-0061			Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0051)</small>		
10 11 16 33-0062	EA		10' x 4' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	13,969.33	228.61
10 11 16 33-0063	EA		10' x 5' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,283.29	228.61
10 11 16 33-0064	EA		10' x 6' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	14,636.86	235.76
10 11 16 33-0065	EA		10' x 8' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,276.88	235.76
10 11 16 33-0066	EA		10' x 10' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	15,913.57	242.90
10 11 16 33-0067	EA		10' x 12' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	16,519.44	242.90
10 11 16 33-0068	EA		10' x 14' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,798.33	257.19
10 11 16 33-0069	EA		10' x 16' Frame, Two Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	17,949.24	257.19
10 11 16 33-0070			Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboards <small>(10 11 16 33-0051)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 16 33-0071 EA 10' x 4' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,125.63	228.61
10 11 16 33-0072 EA 10' x 5' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	18,941.91	228.61
10 11 16 33-0073 EA 10' x 6' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	19,358.27	235.76
10 11 16 33-0074 EA 10' x 8' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	20,181.16	235.76
10 11 16 33-0075 EA 10' x 10' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,050.28	242.90
10 11 16 33-0076 EA 10' x 12' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	21,883.08	242.90
10 11 16 33-0077 EA 10' x 14' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,594.89	257.19
10 11 16 33-0078 EA 10' x 16' Frame, Three Sliding Panels, Motor Operated Vertical Sliding, Porcelain Enamel Steel Markerboard	23,872.49	257.19
10 11 16 33-0079 Sliding Chalkboard And Markerboard Accessories <small>(10 11 16 33)</small> See CSI section 10 11 13 33-0079 for sliding chalkboard and markerboard accessories.		
10 11 23 Tackboards <small>(10 11)</small>		
10 11 23 13 Fixed Tackboards <small>(10 11 23)</small> Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0001 Fixed Tackboards <small>(10 11 23 13)</small> Note: Select task based off the square footage of an individual tackboard. For example use the >12 To 16 SF range for each 3' x 5' tackboard.		
10 11 23 13-0002 Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes up to 1/4" cork surface, unmounted or mounted on duracore or hardboard.		
10 11 23 13-0003 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0002)</small>		
10 11 23 13-0004 SF Up To 6 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	34.21	9.72
10 11 23 13-0005 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	19.42	4.57
10 11 23 13-0006 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	16.83	3.95
10 11 23 13-0007 SF >16 To 24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	13.40	2.57
10 11 23 13-0008 SF >24 SF, 5/8" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	10.92	1.43
10 11 23 13-0009 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboards (Claridge 900A Series) <small>(10 11 23 13-0002)</small>		
10 11 23 13-0010 SF Up To 6 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	35.95	9.72
10 11 23 13-0011 SF >6 To 12 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	20.23	4.57
10 11 23 13-0012 SF >12 To 16 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	16.42	3.95
10 11 23 13-0013 SF >16 To 24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	12.76	2.57
10 11 23 13-0014 SF >24 SF, 1-1/4" Face Aluminum Frame, Cork Surface, Fixed Tackboard.....	9.91	1.43
10 11 23 13-0015 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0002)</small>		
10 11 23 13-0016 SF Up To 6 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	36.14	9.72
10 11 23 13-0017 SF >6 To 12 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	21.93	4.57
10 11 23 13-0018 SF >12 To 16 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	20.27	3.95
10 11 23 13-0019 SF >16 To 24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	15.56	2.57
10 11 23 13-0020 SF >24 SF, 1-3/4" Face Wood Frame, Cork Surface, Fixed Tackboard.....	12.26	1.43
10 11 23 13-0021 Burlap Backed Cork Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes burlap backed 1/4" self healing cork surface, unmounted or mounted on hardboard.		
10 11 23 13-0022 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0021)</small>		
10 11 23 13-0023 SF Up To 6 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	39.26	9.72
10 11 23 13-0024 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	25.48	4.57
10 11 23 13-0025 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	23.23	3.95
10 11 23 13-0026 SF >16 To 24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	19.83	2.57
10 11 23 13-0027 SF >24 SF, 5/8" Face Aluminum Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	17.46	1.43
10 11 23 13-0028 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0021)</small>		
10 11 23 13-0029 SF Up To 6 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	43.48	9.72
10 11 23 13-0030 SF >6 To 12 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	29.99	4.57
10 11 23 13-0031 SF >12 To 16 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	27.78	3.95
10 11 23 13-0032 SF >16 To 24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	23.13	2.57
10 11 23 13-0033 SF >24 SF, 1-3/4" Face Wood Frame, Burlap Backed Cork Surface, Fixed Tackboard.....	19.87	1.43
10 11 23 13-0034 Polyester Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes polyester fabric on cork underlay, unmounted or mounted on duracore. Class A rating.		
10 11 23 13-0035 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0034)</small>		
10 11 23 13-0036 SF Up To 6 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	35.40	9.72
10 11 23 13-0037 SF >6 To 12 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	20.89	4.57
10 11 23 13-0038 SF >12 To 16 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	18.48	3.95
10 11 23 13-0039 SF >16 To 24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	15.10	2.57

10	10	Specialties
	10 10	Information Specialties
	10 11	Visual Display Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 11 23	13-0040	SF	>24 SF, 5/8" Face Aluminum Frame, Polyester Fabric Surface, Fixed Tackboard.....	12.43	1.43
10 11 23	13-0041		1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0034)</small>		
10 11 23	13-0042	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	37.79	9.72
10 11 23	13-0043	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	23.99	4.57
10 11 23	13-0044	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	22.20	3.95
10 11 23	13-0045	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	17.67	2.57
10 11 23	13-0046	SF	>24 SF, 1-3/4" Face Wood Frame, Polyester Fabric Surface, Fixed Tackboard.....	14.46	1.43
10 11 23	13-0047		Vinyl Fabric Surface, Fixed Tackboards <small>(10 11 23 13-0001)</small> Note: Includes vinyl fabric on cork underlay, unmounted or mounted on duracore.		
10 11 23	13-0048		5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 800 Series) <small>(10 11 23 13-0047)</small>		
10 11 23	13-0049	SF	Up To 6 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	34.21	9.72
10 11 23	13-0050	SF	>6 To 12 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	19.51	4.57
10 11 23	13-0051	SF	>12 To 16 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	16.97	3.95
10 11 23	13-0052	SF	>16 To 24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	13.40	2.57
10 11 23	13-0053	SF	>24 SF, 5/8" Face Aluminum Frame, Vinyl Fabric Surface, Fixed Tackboard.....	10.71	1.43
10 11 23	13-0054		1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboards (Claridge 700 Series) <small>(10 11 23 13-0047)</small>		
10 11 23	13-0055	SF	Up To 6 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	36.14	9.72
10 11 23	13-0056	SF	>6 To 12 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	22.78	4.57
10 11 23	13-0057	SF	>12 To 16 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	20.27	3.95
10 11 23	13-0058	SF	>16 To 24 SF, 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	15.56	2.57
10 11 23	13-0059	SF	4' x 8', 1-3/4" Face Wood Frame, Vinyl Fabric Surface, Fixed Tackboard.....	12.26	1.43
10 12	Display Cases <small>(10 10)</small>				
10 12 00	00-0001		Counter Display Cases <small>(10 12)</small>		
10 12 00	00-0002	EA	30" x 12" x 36" Counter Display Cases.....	1,600.88	175.12
10 12 00	00-0003	EA	30" x 12" x 48" Counter Display Cases.....	1,726.67	175.12
10 12 00	00-0004	EA	30" x 18" x 36" Counter Display Cases.....	1,675.44	175.12
10 12 00	00-0005	EA	30" x 18" x 48" Counter Display Cases.....	1,647.01	77.84
10 12 00	00-0006		Upright Display Case <small>(10 12)</small>		
10 12 00	00-0007	EA	72" High x 20" Deep x 70" Wide, Upright Display Case.....	3,307.16	175.12
10 12 00	00-0008		Full Vision Display Case <small>(10 12)</small>		
10 12 00	00-0009	EA	38" x 20" x 70" Full Vision Display Case.....	2,169.60	175.12
10 13	Directories <small>(10 10)</small>				
10 13 11	Directory and Bulletin Boards <small>(10 13)</small>		Note: Select task based off the square footage of an individual directory or bulletin board. For example use the >12 To 16 SF range for each 3' x 5' directory or bulletin board.		
10 13 11	00-0001		Wall Mounted Directories <small>(10 13 11)</small> Note: Includes changeable letters.		
10 13 11	00-0002		Open Face, Wall Mounted Directories <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel.		
10 13 11	00-0003		Wood Frame, Open Face, Wall Mounted Directories (Claridge 350 Series) <small>(10 13 11 00-0002)</small>		
10 13 11	00-0004	SF	Up To 6 SF, Wood Frame, Open Face, Wall Mounted Directory.....	56.52	9.72
10 13 11	00-0005	SF	>6 To 12 SF, Wood Frame, Open Face, Wall Mounted Directory.....	36.96	4.57
10 13 11	00-0006	SF	>12 To 16 SF, Wood Frame, Open Face, Wall Mounted Directory.....	33.58	3.95
10 13 11	00-0007	SF	>16 To 24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	25.66	2.57
10 13 11	00-0008	SF	>24 SF, Wood Frame, Open Face, Wall Mounted Directory.....	20.49	1.43
10 13 11	00-0009		Aluminum Frame, Open Face, Wall Mounted Directories (Claridge 432 Series) <small>(10 13 11 00-0002)</small>		
10 13 11	00-0010	SF	Up To 6 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	57.07 12.00	9.72
10 13 11	00-0011	SF	>6 To 12 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	37.32 12.00	4.57
10 13 11	00-0012	SF	>12 To 16 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	34.32 12.00	3.95
10 13 11	00-0013	SF	>16 To 24 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	24.46 12.00	2.57
10 13 11	00-0014	SF	>24 SF, Aluminum Frame, Open Face, Wall Mounted Directory..... <i>For Bronze Anodize Finish, Add</i>	21.04 12.00	1.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0015 Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0016 Wood Frame, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0015)</small>		
10 13 11 00-0017 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 3052 Series) <small>(10 13 11 00-0016)</small>		
10 13 11 00-0018 SF Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet 139.32	139.32	9.72
For Fluorescent Lights, Add	15.00	
10 13 11 00-0019 SF >6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... 111.68	111.68	4.57
For Fluorescent Lights, Add	15.00	
10 13 11 00-0020 SF >12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... 93.53	93.53	3.95
For Fluorescent Lights, Add	15.00	
10 13 11 00-0021 SF >16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... 86.61	86.61	2.57
For Fluorescent Lights, Add	15.00	
10 13 11 00-0022 SF >24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... 78.32	78.32	1.43
For Fluorescent Lights, Add	15.00	
10 13 11 00-0023 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge 345 Series) <small>(10 13 11 00-0016)</small>		
10 13 11 00-0024 SF Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet..... 119.86	119.86	9.72
For Fluorescent Lights, Add	15.00	
10 13 11 00-0025 SF >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet 96.59	96.59	3.95
For Fluorescent Lights, Add	15.00	
10 13 11 00-0026 SF >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet 69.26	69.26	2.57
For Fluorescent Lights, Add	15.00	
10 13 11 00-0027 SF >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Directory Cabinet 62.35	62.35	1.43
For Fluorescent Lights, Add	15.00	
10 13 11 00-0028 Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0015)</small>		
10 13 11 00-0029 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0028)</small>		
10 13 11 00-0030 SF Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... 124.73	124.73	9.72
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	21.06	
10 13 11 00-0031 SF >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet 96.54	96.54	4.57
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	17.48	
10 13 11 00-0032 SF >12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet 81.70	81.70	3.95
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	14.76	
10 13 11 00-0033 SF >16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet 60.05	60.05	2.57
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	10.98	
10 13 11 00-0034 SF >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet 56.02	56.02	1.43
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	10.63	
10 13 11 00-0035 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0028)</small>		
10 13 11 00-0036 SF Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet 192.11	192.11	9.72
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	34.54	
10 13 11 00-0037 SF >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... 111.60	111.60	4.57
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	20.49	
10 13 11 00-0038 SF >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... 94.02	94.02	3.95
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	17.23	
10 13 11 00-0039 SF >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... 72.48	72.48	2.57
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	13.47	
10 13 11 00-0040 SF >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Directory Cabinet..... 67.04	67.04	1.43
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	12.84	

10	10	Specialties
	10 10	Information Specialties
	10 13	Directories



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0041 Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0001)</small> Note: Includes vinyl or felt back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0042 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets <small>(10 13 11 00-0041)</small>		
10 13 11 00-0043 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Directory Cabinets (Claridge 548 Series) <small>(10 13 11 00-0042)</small>		
10 13 11 00-0044 SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	188.71	9.72
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
10 13 11 00-0045 SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	126.01	4.57
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
10 13 11 00-0046 SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Directory Cabinet.....	122.45	3.95
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
10 13 11 00-0047 Wall Mounted Bulletin Boards <small>(10 13 11)</small>		
10 13 11 00-0048 Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0049 Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0048)</small>		
10 13 11 00-0050 Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 3070 Series) <small>(10 13 11 00-0049)</small>		
10 13 11 00-0051 SF Up To 6 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	136.01	9.72
For Fluorescent Lights, Add	15.00	
10 13 11 00-0052 SF >6 To 12 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	109.20	4.57
For Fluorescent Lights, Add	15.00	
10 13 11 00-0053 SF >12 To 16 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	91.05	3.95
For Fluorescent Lights, Add	15.00	
10 13 11 00-0054 SF >16 To 24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	84.27	2.57
For Fluorescent Lights, Add	15.00	
10 13 11 00-0055 SF >24 SF, Hinged Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	77.22	1.43
For Fluorescent Lights, Add	15.00	
10 13 11 00-0056 Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge 310 Series) <small>(10 13 11 00-0049)</small>		
10 13 11 00-0057 SF Up To 12 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	113.98	9.72
For Fluorescent Lights, Add	15.00	
10 13 11 00-0058 SF >12 To 16 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	91.01	3.95
For Fluorescent Lights, Add	15.00	
10 13 11 00-0059 SF >16 To 24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	64.95	2.57
For Fluorescent Lights, Add	15.00	
10 13 11 00-0060 SF >24 SF, Sliding Door, Wood Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	59.04	1.43
For Fluorescent Lights, Add	15.00	
10 13 11 00-0061 Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0048)</small>		
10 13 11 00-0062 Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0061)</small>		
10 13 11 00-0063 SF Up To 6 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	127.75	9.72
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	21.66	
10 13 11 00-0064 SF >6 To 12 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	99.56	4.57
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	18.08	
10 13 11 00-0065 SF >12 To 16 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	84.72	3.95
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	15.37	
10 13 11 00-0066 SF >16 To 24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	63.07	2.57
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	11.59	
10 13 11 00-0067 SF >24 SF, Hinged Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet.....	59.04	1.43
For Fluorescent Lights, Add	15.00	
For Bronze Anodize Finish, Add	12.00	
For Header Panel, Add	11.24	
10 13 11 00-0068 Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinets (Claridge Contemporary Series) <small>(10 13 11 00-0061)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 13 11 00-0069 SF Up To 6 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	195.13 15.00 12.00 35.14	9.72
10 13 11 00-0070 SF >6 To 12 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	114.62 15.00 12.00 21.10	4.57
10 13 11 00-0071 SF >12 To 16 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	97.04 15.00 12.00 17.83	3.95
10 13 11 00-0072 SF >16 To 24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	75.50 15.00 12.00 14.07	2.57
10 13 11 00-0073 SF >24 SF, Sliding Door, Aluminum Frame, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i> <i>For Header Panel, Add</i>	70.06 15.00 12.00 13.44	1.43
10 13 11 00-0074 Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0047)</small> Note: Includes cork, fabric or hook-fab back panel, 3/16" tempered glass and flat key tumbler lock. Surface or recess mounted.		
10 13 11 00-0075 Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0074)</small>		
10 13 11 00-0076 Hinged Door, Aluminum Frame, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinets <small>(10 13 11 00-0075)</small>		
10 13 11 00-0077 SF Up To 6 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	185.69 15.00 12.00	9.72
10 13 11 00-0078 SF >6 To 12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	123.00 15.00 12.00	4.57
10 13 11 00-0079 SF >12 SF, Hinged Door, Outdoor, Glass Encased, Wall Mounted Bulletin Board Cabinet <i>For Fluorescent Lights, Add</i> <i>For Bronze Anodize Finish, Add</i>	119.46 15.00 12.00	3.95
10 13 11 00-0080 Wall Mounted Menu Boards <small>(10 13 11)</small>		
10 13 11 00-0081 SF Stainless Steel Changeable Letter Type Menu Board <i>For Attaching Board To Gypsum Board Walls, Add</i> <i>For Illumination, Add</i> <i>For Exterior Construction Waterproof, Add</i>	80.02 14.86 20.01 6.04	16.01
10 14 Signage <small>(10 10)</small> Note: Where required, signage excludes electrical connection, disconnect, or terminations unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection wiring, 26 05 83 00-0130 for terminations.		
10 14 16 Plaques <small>(10 14)</small> Note: Includes minimum 1/4" to 3/8" plaque with custom 1/4" raised lettering and emblem casting. Sizes one to four SF each.		
10 14 16 00-0001 Metal Cased Plaque <small>(10 14 16)</small>		
10 14 16 00-0002 SF Bronze Cast Plaque With lettering Including Emblem Size 1-4 SF Each <i>For >5 To 10, Deduct</i> <i>For >10 Each, Deduct</i>	717.73 -77.81 -138.15	28.56
10 14 16 00-0003 SF Aluminum Cast Plaque With lettering Including Emblem Size 1-4 SF Each <i>For >5 To 10, Deduct</i> <i>For >10 Each, Deduct</i>	391.67 -41.94 -69.68	28.56
10 14 16 00-0004 Metal Engraved Plaque, Etched <small>(10 14 16)</small>		
10 14 16 00-0005 SF Porcelainized Steel Engraved Plaque Including Emblem Size 1-4 SF Each <i>For >5 To 10, Deduct</i> <i>For >10 Each, Deduct</i>	429.44 -46.10 -77.61	28.56
10 14 16 00-0006 SF Stainless Steel Engraved Plaque Including Emblem Size 1-4 SF Each <i>For >5 To 10, Deduct</i> <i>For >10 Each, Deduct</i>	400.79 -42.94 -71.60	28.56
10 14 16 00-0007 SF Brass Engraved Plaque Including Emblem Size 1-4 SF Each <i>For >5 To 10, Deduct</i> <i>For >10 Each, Deduct</i>	277.06 -29.33 -45.61	28.56
10 14 16 00-0008 SF Aluminum Engraved Plaque Including Emblem Size 1-4 SF Each <i>For >5 To 10, Deduct</i> <i>For >10 Each, Deduct</i>	267.94 -28.33 -43.70	28.56
10 14 16 00-0009 Metal Built-Up Plaque <small>(10 14 16)</small>		
10 14 16 00-0010 SF Bronze Built-up Plaque Note: Including Emblem Size 1-4 SF Each <i>For >5 To 10, Deduct</i> <i>For >10 Each, Deduct</i>	530.26 -56.90 -95.64	35.42

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 16 00-0011 SF Copper And Bronze Built-up Plaque Note: Including Emblem Size 1-4 SF Each For >5 To 10, Deduct For >10 Each, Deduct	542.00 -58.19 -98.11	35.42
10 14 16 00-0012 SF Copper And Aluminum Built-up Plaque Note: Including Emblem Size 1-4 SF Each For >5 To 10, Deduct For >10 Each, Deduct	438.47 -46.80 -76.37	35.42
10 14 16 00-0013 SF Bronze Built-up Dedication Plaque Note: Including Raised Bronze Lettering For >5 To 10, Deduct For >10 Each, Deduct	622.30 -67.02 -114.97	71.41
10 14 16 00-0014 SF Bronze Built-up Plaque Note: Including Raised Bronze Lettering For >5 To 10, Deduct For >10 Each, Deduct	524.44 -56.26 -94.42	71.41
10 14 16 00-0015 Metal Nameplate Plaques (10 14 16)		
10 14 16 00-0016 SF Cast Bronze Nameplate Plaque Including Emblem Size 1-4 SF Each For >5 To 10, Deduct For >10 Each, Deduct	271.88 -29.14 -48.71	19.43
10 14 16 00-0017 SF Cast Aluminum Nameplate Plaque Including Emblem Size 1-4 SF Each For >5 To 10, Deduct For >10 Each, Deduct	304.12 -32.69 -55.48	19.43
10 14 16 00-0018 EA 1-1/2" x 6" Engraved Bronze Nameplate Including Emblem Size 1-4 SF Each For >5 To 10, Deduct For >10 Each, Deduct	193.61 -20.54 -32.28	19.43
10 14 16 00-0019 EA 1-1/2" x 6" Engraved Aluminum Nameplate Including Emblem Size 1-4 SF Each For >5 To 10, Deduct For >10 Each, Deduct	154.34 -16.22 -24.03	19.43
10 14 16 00-0020 SF Bronze Built-up Plaque Including Raised Bronze Lettering (3' x 9") For >5 To 10, Deduct For >10 Each, Deduct	510.46 -54.72 -91.49	71.41
10 14 19 Dimensional Letter Signage (10 14)		
Note: Mounted on masonry or concrete.		
10 14 19 00-0001 Cast Characters (10 14 19)		
Note: Any font.		
10 14 19 00-0002 Satin Finish, Cast Aluminum Characters (10 14 19 00-0001)		
10 14 19 00-0003 EA 2" High x 3/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	51.90 -5.45 2.33 7.00 9.34 11.67	7.15
10 14 19 00-0004 EA 3" High x 1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	61.38 -6.16 3.05 9.16 12.21 15.26	7.71
10 14 19 00-0005 EA 4" High x 5/8" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	67.25 -6.68 3.41 10.23 13.64 17.06	8.28
10 14 19 00-0006 EA 5" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	77.21 -7.63 3.95 11.85 15.80 19.75	9.48
10 14 19 00-0007 EA 6" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	84.88 -8.24 4.49 13.47 17.96 22.45	9.99
10 14 19 00-0008 EA 8" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	101.36 -9.64 5.57 16.70 22.26 27.83	11.42
10 14 19 00-0009 EA 9" High x 3/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs For Installation With Adhesive, Deduct For Clear Anodized, Add For Satin Face And Enameled Return, Add For Patina Finish, Add For Color Anodized, Add	112.63 -10.43 6.46 19.39 25.86 32.32	12.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0010	EA		10" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	128.62	12.85
			<i>For Installation With Adhesive, Deduct</i>	-11.57	
			<i>For Clear Anodized, Add</i>	7.72	
			<i>For Satin Face And Enameled Return, Add</i>	23.16	
			<i>For Patina Finish, Add</i>	30.88	
			<i>For Color Anodized, Add</i>	38.61	
10 14 19 00-0011	EA		12" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	156.38	14.85
			<i>For Installation With Adhesive, Deduct</i>	-13.76	
			<i>For Clear Anodized, Add</i>	9.70	
			<i>For Satin Face And Enameled Return, Add</i>	29.09	
			<i>For Patina Finish, Add</i>	38.78	
			<i>For Color Anodized, Add</i>	48.48	
10 14 19 00-0012	EA		14" High x 1" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	187.05	17.14
			<i>For Installation With Adhesive, Deduct</i>	-16.21	
			<i>For Clear Anodized, Add</i>	11.85	
			<i>For Satin Face And Enameled Return, Add</i>	35.55	
			<i>For Patina Finish, Add</i>	47.40	
			<i>For Color Anodized, Add</i>	59.25	
10 14 19 00-0013	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	205.49	19.05
			<i>For Installation With Adhesive, Deduct</i>	-17.90	
			<i>For Clear Anodized, Add</i>	12.93	
			<i>For Satin Face And Enameled Return, Add</i>	38.78	
			<i>For Patina Finish, Add</i>	51.71	
			<i>For Color Anodized, Add</i>	64.64	
10 14 19 00-0014	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	229.50	20.57
			<i>For Installation With Adhesive, Deduct</i>	-19.70	
			<i>For Clear Anodized, Add</i>	14.72	
			<i>For Satin Face And Enameled Return, Add</i>	44.17	
			<i>For Patina Finish, Add</i>	58.89	
			<i>For Color Anodized, Add</i>	73.62	
10 14 19 00-0015	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	278.14	22.85
			<i>For Installation With Adhesive, Deduct</i>	-23.05	
			<i>For Clear Anodized, Add</i>	18.67	
			<i>For Satin Face And Enameled Return, Add</i>	56.02	
			<i>For Patina Finish, Add</i>	74.69	
			<i>For Color Anodized, Add</i>	93.37	
10 14 19 00-0016	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	336.25	25.71
			<i>For Installation With Adhesive, Deduct</i>	-27.10	
			<i>For Clear Anodized, Add</i>	23.34	
			<i>For Satin Face And Enameled Return, Add</i>	70.03	
			<i>For Patina Finish, Add</i>	93.37	
			<i>For Color Anodized, Add</i>	116.71	
10 14 19 00-0017	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Aluminum Sign Letter/Character, Installed With Studs	405.13	28.56
			<i>For Installation With Adhesive, Deduct</i>	-31.68	
			<i>For Clear Anodized, Add</i>	29.09	
			<i>For Satin Face And Enameled Return, Add</i>	87.26	
			<i>For Patina Finish, Add</i>	116.35	
			<i>For Color Anodized, Add</i>	145.44	
10 14 19 00-0018			Satin Finish, Cast Bronze Characters <small>(10 14 19 00-0001)</small>		
10 14 19 00-0019	EA		2" High x 3/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	62.66	7.86
			<i>For Installation With Adhesive, Deduct</i>	-6.28	
			<i>For Oxidized Finish, Add</i>	4.69	
			<i>For Polished Or Patina Finish, Add</i>	9.37	
10 14 19 00-0020	EA		3" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	89.32	8.57
			<i>For Installation With Adhesive, Deduct</i>	-7.89	
			<i>For Oxidized Finish, Add</i>	8.26	
			<i>For Polished Or Patina Finish, Add</i>	16.51	
10 14 19 00-0021	EA		4" High x 5/8" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	97.56	9.14
			<i>For Installation With Adhesive, Deduct</i>	-8.53	
			<i>For Oxidized Finish, Add</i>	9.15	
			<i>For Polished Or Patina Finish, Add</i>	18.30	
10 14 19 00-0022	EA		5" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	118.49	10.28
			<i>For Installation With Adhesive, Deduct</i>	-10.04	
			<i>For Oxidized Finish, Add</i>	11.60	
			<i>For Polished Or Patina Finish, Add</i>	23.21	
10 14 19 00-0023	EA		6" High x 1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	131.76	10.97
			<i>For Installation With Adhesive, Deduct</i>	-10.99	
			<i>For Oxidized Finish, Add</i>	13.17	
			<i>For Polished Or Patina Finish, Add</i>	26.33	
10 14 19 00-0024	EA		8" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	175.25	12.57
			<i>For Installation With Adhesive, Deduct</i>	-13.79	
			<i>For Oxidized Finish, Add</i>	18.75	
			<i>For Polished Or Patina Finish, Add</i>	37.49	
10 14 19 00-0025	EA		9" High x 3/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	199.84	13.14
			<i>For Installation With Adhesive, Deduct</i>	-15.25	
			<i>For Oxidized Finish, Add</i>	22.09	
			<i>For Polished Or Patina Finish, Add</i>	44.18	
10 14 19 00-0026	EA		10" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	223.75	14.28
			<i>For Installation With Adhesive, Deduct</i>	-16.90	
			<i>For Oxidized Finish, Add</i>	24.99	
			<i>For Polished Or Patina Finish, Add</i>	49.99	
10 14 19 00-0027	EA		12" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs	265.62	16.56
			<i>For Installation With Adhesive, Deduct</i>	-19.91	
			<i>For Oxidized Finish, Add</i>	29.90	
			<i>For Polished Or Patina Finish, Add</i>	59.81	

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0028	EA		14" High x 1" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	311.95	18.85
			<i>For Installation With Adhesive, Deduct</i>	-23.14	
			<i>For Oxidized Finish, Add</i>	35.48	
			<i>For Polished Or Patina Finish, Add</i>	70.96	
10 14 19 00-0029	EA		15" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	369.61	22.85
			<i>For Installation With Adhesive, Deduct</i>	-27.62	
			<i>For Oxidized Finish, Add</i>	41.73	
			<i>For Polished Or Patina Finish, Add</i>	83.46	
10 14 19 00-0030	EA		16" High x 1-1/4" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	383.90	24.57
			<i>For Installation With Adhesive, Deduct</i>	-29.02	
			<i>For Oxidized Finish, Add</i>	42.85	
			<i>For Polished Or Patina Finish, Add</i>	85.69	
10 14 19 00-0031	EA		18" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	544.20	28.56
			<i>For Installation With Adhesive, Deduct</i>	-38.64	
			<i>For Oxidized Finish, Add</i>	64.49	
			<i>For Polished Or Patina Finish, Add</i>	128.98	
10 14 19 00-0032	EA		20" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	655.18	32.14
			<i>For Installation With Adhesive, Deduct</i>	-45.61	
			<i>For Oxidized Finish, Add</i>	79.00	
			<i>For Polished Or Patina Finish, Add</i>	157.99	
10 14 19 00-0033	EA		24" High x 1-1/2" Deep, Satin Finish, Cast Bronze Sign Letter/Character, Installed With Studs.....	832.88	37.13
			<i>For Installation With Adhesive, Deduct</i>	-56.50	
			<i>For Oxidized Finish, Add</i>	102.65	
			<i>For Polished Or Patina Finish, Add</i>	205.30	
10 14 19 00-0034			Molded Characters <small>(10 14 19)</small> Note: Any font.		
10 14 19 00-0035			Molded Plastic Characters <small>(10 14 19 00-0034)</small>		
10 14 19 00-0036	EA		4" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	39.87	5.72
			<i>For Installation With Adhesive, Deduct</i>	-4.28	
10 14 19 00-0037	EA		5" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	43.19	6.28
			<i>For Installation With Adhesive, Deduct</i>	-4.67	
10 14 19 00-0038	EA		6" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	47.68	6.85
			<i>For Installation With Adhesive, Deduct</i>	-5.13	
10 14 19 00-0039	EA		8" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	60.85	7.43
			<i>For Installation With Adhesive, Deduct</i>	-6.01	
10 14 19 00-0040	EA		9" High x 3/4" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	65.75	8.00
			<i>For Installation With Adhesive, Deduct</i>	-6.49	
10 14 19 00-0041	EA		10" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	71.20	8.57
			<i>For Installation With Adhesive, Deduct</i>	-6.99	
10 14 19 00-0042	EA		12" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	82.98	9.99
			<i>For Installation With Adhesive, Deduct</i>	-8.15	
10 14 19 00-0043	EA		15" High x 1" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	109.25	12.57
			<i>For Installation With Adhesive, Deduct</i>	-10.49	
10 14 19 00-0044	EA		18" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	138.90	14.85
			<i>For Installation With Adhesive, Deduct</i>	-12.89	
10 14 19 00-0045	EA		24" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	205.02	18.29
			<i>For Installation With Adhesive, Deduct</i>	-17.56	
10 14 19 00-0046	EA		30" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	303.48	21.43
			<i>For Installation With Adhesive, Deduct</i>	-23.74	
10 14 19 00-0047	EA		36" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	397.81	24.57
			<i>For Installation With Adhesive, Deduct</i>	-29.72	
10 14 19 00-0048	EA		48" High x 1-1/2" Deep, Molded Plastic Sign Letter/Character, Installed With Studs.....	741.85	32.85
			<i>For Installation With Adhesive, Deduct</i>	-50.23	
10 14 19 00-0049			Cutout Characters <small>(10 14 19)</small> Note: Any font.		
10 14 19 00-0050			Satin Finish, Aluminum Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0051			1/4" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0052	EA		2" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	48.31	7.15
			<i>For Installation With Adhesive, Deduct</i>	-5.27	
			<i>For Clear Anodized, Add</i>	1.98	
			<i>For Satin Face And Enameled Return, Add</i>	6.91	
			<i>For Color Anodized, Add</i>	9.88	
			<i>For Polished Or Patina Finish, Add</i>	9.88	
			<i>For Polished Anodized Finish, Add</i>	14.81	
10 14 19 00-0053	EA		4" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	67.25	8.28
			<i>For Installation With Adhesive, Deduct</i>	-6.68	
			<i>For Clear Anodized, Add</i>	3.41	
			<i>For Satin Face And Enameled Return, Add</i>	11.94	
			<i>For Color Anodized, Add</i>	17.06	
			<i>For Polished Or Patina Finish, Add</i>	17.06	
			<i>For Polished Anodized Finish, Add</i>	25.58	
10 14 19 00-0054	EA		6" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	90.26	9.99
			<i>For Installation With Adhesive, Deduct</i>	-8.51	
			<i>For Clear Anodized, Add</i>	5.03	
			<i>For Satin Face And Enameled Return, Add</i>	17.59	
			<i>For Color Anodized, Add</i>	25.14	
			<i>For Polished Or Patina Finish, Add</i>	25.14	
			<i>For Polished Anodized Finish, Add</i>	37.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0055	EA		8" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	110.34 -10.09 6.46 22.62 32.32 32.32 48.48	11.42
10 14 19 00-0056	EA		10" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	126.82 -11.48 7.54 26.39 37.71 37.71 56.56	12.85
10 14 19 00-0057	EA		12" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	145.60 -13.22 8.62 30.16 43.09 43.09 64.64	14.85
10 14 19 00-0058	EA		14" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	170.89 -15.40 10.23 35.82 51.17 51.17 76.76	17.14
10 14 19 00-0059	EA		16" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	202.57 -18.36 12.03 42.11 60.15 60.15 90.23	20.57
10 14 19 00-0060	EA		18" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	227.87 -20.53 13.65 47.76 68.23 68.23 102.35	22.85
10 14 19 00-0061	EA		20" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	273.40 -23.95 17.06 59.70 85.29 85.29 127.93	25.71
10 14 19 00-0062	EA		22" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	313.24 -26.52 20.47 71.64 102.35 102.35 153.52	27.14
10 14 19 00-0063	EA		24" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	387.18 -30.79 27.29 95.52 136.46 136.46 204.69	28.56
10 14 19 00-0064	EA		30" High x 1/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	553.07 -41.36 41.60 145.59 207.98 207.98 311.97	34.28
10 14 19 00-0065			3/8" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0060)</small>		
10 14 19 00-0066	EA		2" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	60.95 -5.90 3.24 11.34 16.20 16.20 24.29	7.15
10 14 19 00-0067	EA		4" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	87.04 -7.67 5.39 18.87 26.95 26.95 40.43	8.28

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0068 EA 6" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	109.87	9.99
For Installation With Adhesive, Deduct	-9.49	
For Clear Anodized, Add	6.99	
For Satin Face And Enameled Return, Add	24.46	
For Color Anodized, Add	34.94	
For Polished Or Patina Finish, Add	34.94	
For Polished Anodized Finish, Add	52.41	
10 14 19 00-0069 EA 8" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	137.49	11.42
For Installation With Adhesive, Deduct	-11.44	
For Clear Anodized, Add	9.18	
For Satin Face And Enameled Return, Add	32.13	
For Color Anodized, Add	45.90	
For Polished Or Patina Finish, Add	45.90	
For Polished Anodized Finish, Add	68.84	
10 14 19 00-0070 EA 10" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	159.25	12.85
For Installation With Adhesive, Deduct	-13.10	
For Clear Anodized, Add	10.78	
For Satin Face And Enameled Return, Add	37.74	
For Color Anodized, Add	53.92	
For Polished Or Patina Finish, Add	53.92	
For Polished Anodized Finish, Add	80.88	
10 14 19 00-0071 EA 12" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	186.97	14.85
For Installation With Adhesive, Deduct	-15.29	
For Clear Anodized, Add	12.76	
For Satin Face And Enameled Return, Add	44.64	
For Color Anodized, Add	63.78	
For Polished Or Patina Finish, Add	63.78	
For Polished Anodized Finish, Add	95.66	
10 14 19 00-0072 EA 14" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	218.99	17.14
For Installation With Adhesive, Deduct	-17.80	
For Clear Anodized, Add	15.04	
For Satin Face And Enameled Return, Add	52.65	
For Color Anodized, Add	75.22	
For Polished Or Patina Finish, Add	75.22	
For Polished Anodized Finish, Add	112.83	
10 14 19 00-0073 EA 16" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	271.14	20.57
For Installation With Adhesive, Deduct	-21.78	
For Clear Anodized, Add	18.89	
For Satin Face And Enameled Return, Add	66.10	
For Color Anodized, Add	94.44	
For Polished Or Patina Finish, Add	94.44	
For Polished Anodized Finish, Add	141.65	
10 14 19 00-0074 EA 18" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	313.84	22.85
For Installation With Adhesive, Deduct	-24.83	
For Clear Anodized, Add	22.24	
For Satin Face And Enameled Return, Add	77.85	
For Color Anodized, Add	111.22	
For Polished Or Patina Finish, Add	111.22	
For Polished Anodized Finish, Add	166.82	
10 14 19 00-0075 EA 20" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	363.81	25.71
For Installation With Adhesive, Deduct	-28.47	
For Clear Anodized, Add	26.10	
For Satin Face And Enameled Return, Add	91.34	
For Color Anodized, Add	130.49	
For Polished Or Patina Finish, Add	130.49	
For Polished Anodized Finish, Add	195.74	
10 14 19 00-0076 EA 22" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	407.39	27.14
For Installation With Adhesive, Deduct	-31.22	
For Clear Anodized, Add	29.88	
For Satin Face And Enameled Return, Add	104.59	
For Color Anodized, Add	149.42	
For Polished Or Patina Finish, Add	149.42	
For Polished Anodized Finish, Add	224.13	
10 14 19 00-0077 EA 24" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	452.68	28.56
For Installation With Adhesive, Deduct	-34.06	
For Clear Anodized, Add	33.84	
For Satin Face And Enameled Return, Add	118.45	
For Color Anodized, Add	169.21	
For Polished Or Patina Finish, Add	169.21	
For Polished Anodized Finish, Add	253.82	
10 14 19 00-0078 EA 30" High x 3/8" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	621.89	34.28
For Installation With Adhesive, Deduct	-44.81	
For Clear Anodized, Add	48.48	
For Satin Face And Enameled Return, Add	169.67	
For Color Anodized, Add	242.39	
For Polished Or Patina Finish, Add	242.39	
For Polished Anodized Finish, Add	363.59	
10 14 19 00-0079 1/2" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0080 EA 2" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	75.57	7.15
For Installation With Adhesive, Deduct	-6.63	
For Clear Anodized, Add	4.70	
For Satin Face And Enameled Return, Add	16.45	
For Color Anodized, Add	23.51	
For Polished Or Patina Finish, Add	23.51	
For Polished Anodized Finish, Add	35.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0081	EA		4" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	97.62 -8.20 6.45 22.57 32.24 32.24 48.36	8.28
10 14 19 00-0082	EA		6" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	122.44 -10.12 8.25 28.86 41.23 41.23 61.84	9.99
10 14 19 00-0083	EA		8" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	144.60 -11.80 9.89 34.62 49.45 49.45 74.18	11.42
10 14 19 00-0084	EA		10" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	168.30 -13.56 11.69 40.91 58.45 58.45 87.67	12.85
10 14 19 00-0085	EA		12" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	206.79 -16.28 14.74 51.58 73.69 73.69 110.53	14.85
10 14 19 00-0086	EA		14" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	254.82 -19.60 18.63 65.19 93.14 93.14 139.70	17.14
10 14 19 00-0087	EA		16" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	308.43 -23.65 22.62 79.16 113.08 113.08 169.62	20.57
10 14 19 00-0088	EA		18" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	373.88 -27.84 28.25 98.86 141.24 141.24 211.85	22.85
10 14 19 00-0089	EA		20" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	440.56 -32.31 33.77 118.21 168.87 168.87 253.30	25.71
10 14 19 00-0090	EA		22" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	505.64 -36.14 39.71 138.98 198.55 198.55 297.82	27.14
10 14 19 00-0091	EA		24" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	567.30 -39.79 45.30 158.56 226.52 226.52 339.78	28.56
10 14 19 00-0092	EA		30" High x 1/2" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Clear Anodized, Add</i> <i>For Satin Face And Enameled Return, Add</i> <i>For Color Anodized, Add</i> <i>For Polished Or Patina Finish, Add</i> <i>For Polished Anodized Finish, Add</i>	786.72 -53.05 64.96 227.36 324.81 324.81 487.21	34.28
10 14 19 00-0093			3/4" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0094	EA		2" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	78.92	7.15
			<i>For Installation With Adhesive, Deduct</i>	-6.80	
			<i>For Clear Anodized, Add</i>	5.04	
			<i>For Satin Face And Enameled Return, Add</i>	17.63	
			<i>For Color Anodized, Add</i>	25.18	
			<i>For Polished Or Patina Finish, Add</i>	25.18	
			<i>For Polished Anodized Finish, Add</i>	37.77	
10 14 19 00-0095	EA		4" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	101.37	8.28
			<i>For Installation With Adhesive, Deduct</i>	-8.38	
			<i>For Clear Anodized, Add</i>	6.82	
			<i>For Satin Face And Enameled Return, Add</i>	23.88	
			<i>For Color Anodized, Add</i>	34.12	
			<i>For Polished Or Patina Finish, Add</i>	34.12	
			<i>For Polished Anodized Finish, Add</i>	51.17	
10 14 19 00-0096	EA		6" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	133.50	9.99
			<i>For Installation With Adhesive, Deduct</i>	-10.67	
			<i>For Clear Anodized, Add</i>	9.35	
			<i>For Satin Face And Enameled Return, Add</i>	32.73	
			<i>For Color Anodized, Add</i>	46.76	
			<i>For Polished Or Patina Finish, Add</i>	46.76	
			<i>For Polished Anodized Finish, Add</i>	70.13	
10 14 19 00-0097	EA		8" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	176.92	11.42
			<i>For Installation With Adhesive, Deduct</i>	-13.42	
			<i>For Clear Anodized, Add</i>	13.12	
			<i>For Satin Face And Enameled Return, Add</i>	45.93	
			<i>For Color Anodized, Add</i>	65.61	
			<i>For Polished Or Patina Finish, Add</i>	65.61	
			<i>For Polished Anodized Finish, Add</i>	98.42	
10 14 19 00-0098	EA		10" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	221.84	12.85
			<i>For Installation With Adhesive, Deduct</i>	-16.23	
			<i>For Clear Anodized, Add</i>	17.04	
			<i>For Satin Face And Enameled Return, Add</i>	59.65	
			<i>For Color Anodized, Add</i>	85.22	
			<i>For Polished Or Patina Finish, Add</i>	85.22	
			<i>For Polished Anodized Finish, Add</i>	127.82	
10 14 19 00-0099	EA		12" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	278.33	14.85
			<i>For Installation With Adhesive, Deduct</i>	-19.86	
			<i>For Clear Anodized, Add</i>	21.89	
			<i>For Satin Face And Enameled Return, Add</i>	76.62	
			<i>For Color Anodized, Add</i>	109.46	
			<i>For Polished Or Patina Finish, Add</i>	109.46	
			<i>For Polished Anodized Finish, Add</i>	164.18	
10 14 19 00-0100	EA		14" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	346.92	17.14
			<i>For Installation With Adhesive, Deduct</i>	-24.20	
			<i>For Clear Anodized, Add</i>	27.84	
			<i>For Satin Face And Enameled Return, Add</i>	97.43	
			<i>For Color Anodized, Add</i>	139.19	
			<i>For Polished Or Patina Finish, Add</i>	139.19	
			<i>For Polished Anodized Finish, Add</i>	208.78	
10 14 19 00-0101	EA		16" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	428.73	20.57
			<i>For Installation With Adhesive, Deduct</i>	-29.66	
			<i>For Clear Anodized, Add</i>	34.65	
			<i>For Satin Face And Enameled Return, Add</i>	121.26	
			<i>For Color Anodized, Add</i>	173.23	
			<i>For Polished Or Patina Finish, Add</i>	173.23	
			<i>For Polished Anodized Finish, Add</i>	259.85	
10 14 19 00-0102	EA		18" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	523.98	22.85
			<i>For Installation With Adhesive, Deduct</i>	-35.34	
			<i>For Clear Anodized, Add</i>	43.26	
			<i>For Satin Face And Enameled Return, Add</i>	151.40	
			<i>For Color Anodized, Add</i>	216.29	
			<i>For Polished Or Patina Finish, Add</i>	216.29	
			<i>For Polished Anodized Finish, Add</i>	324.43	
10 14 19 00-0103	EA		20" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	623.08	25.71
			<i>For Installation With Adhesive, Deduct</i>	-41.44	
			<i>For Clear Anodized, Add</i>	52.03	
			<i>For Satin Face And Enameled Return, Add</i>	182.09	
			<i>For Color Anodized, Add</i>	260.13	
			<i>For Polished Or Patina Finish, Add</i>	260.13	
			<i>For Polished Anodized Finish, Add</i>	390.19	
10 14 19 00-0104	EA		22" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	722.61	27.14
			<i>For Installation With Adhesive, Deduct</i>	-46.99	
			<i>For Clear Anodized, Add</i>	61.41	
			<i>For Satin Face And Enameled Return, Add</i>	214.92	
			<i>For Color Anodized, Add</i>	307.03	
			<i>For Polished Or Patina Finish, Add</i>	307.03	
			<i>For Polished Anodized Finish, Add</i>	460.55	
10 14 19 00-0105	EA		24" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	826.57	28.56
			<i>For Installation With Adhesive, Deduct</i>	-52.75	
			<i>For Clear Anodized, Add</i>	71.23	
			<i>For Satin Face And Enameled Return, Add</i>	249.31	
			<i>For Color Anodized, Add</i>	356.16	
			<i>For Polished Or Patina Finish, Add</i>	356.16	
			<i>For Polished Anodized Finish, Add</i>	534.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0106 EA 30" High x 3/4" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	1,135.77	34.28
For Installation With Adhesive, Deduct	-70.50	
For Clear Anodized, Add	99.87	
For Satin Face And Enameled Return, Add	349.53	
For Color Anodized, Add	499.33	
For Polished Or Patina Finish, Add	499.33	
For Polished Anodized Finish, Add	749.00	
10 14 19 00-0107 1" Deep, Satin Finish, Aluminum Characters <small>(10 14 19 00-0050)</small>		
10 14 19 00-0108 EA 2" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	87.81	7.15
For Installation With Adhesive, Deduct	-7.25	
For Clear Anodized, Add	5.93	
For Satin Face And Enameled Return, Add	20.74	
For Color Anodized, Add	29.63	
For Polished Or Patina Finish, Add	29.63	
For Polished Anodized Finish, Add	44.44	
10 14 19 00-0109 EA 4" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	108.53	8.28
For Installation With Adhesive, Deduct	-8.74	
For Clear Anodized, Add	7.54	
For Satin Face And Enameled Return, Add	26.39	
For Color Anodized, Add	37.70	
For Polished Or Patina Finish, Add	37.70	
For Polished Anodized Finish, Add	56.54	
10 14 19 00-0110 EA 6" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	142.55	9.99
For Installation With Adhesive, Deduct	-11.13	
For Clear Anodized, Add	10.26	
For Satin Face And Enameled Return, Add	35.90	
For Color Anodized, Add	51.28	
For Polished Or Patina Finish, Add	51.28	
For Polished Anodized Finish, Add	76.92	
10 14 19 00-0111 EA 8" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	195.01	11.42
For Installation With Adhesive, Deduct	-14.32	
For Clear Anodized, Add	14.93	
For Satin Face And Enameled Return, Add	52.26	
For Color Anodized, Add	74.66	
For Polished Or Patina Finish, Add	74.66	
For Polished Anodized Finish, Add	111.98	
10 14 19 00-0112 EA 10" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	264.82	12.85
For Installation With Adhesive, Deduct	-18.38	
For Clear Anodized, Add	21.34	
For Satin Face And Enameled Return, Add	74.69	
For Color Anodized, Add	106.71	
For Polished Or Patina Finish, Add	106.71	
For Polished Anodized Finish, Add	160.06	
10 14 19 00-0113 EA 12" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	346.41	14.85
For Installation With Adhesive, Deduct	-23.26	
For Clear Anodized, Add	28.70	
For Satin Face And Enameled Return, Add	100.45	
For Color Anodized, Add	143.50	
For Polished Or Patina Finish, Add	143.50	
For Polished Anodized Finish, Add	215.24	
10 14 19 00-0114 EA 14" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	438.01	17.14
For Installation With Adhesive, Deduct	-28.76	
For Clear Anodized, Add	36.95	
For Satin Face And Enameled Return, Add	129.31	
For Color Anodized, Add	184.73	
For Polished Or Patina Finish, Add	184.73	
For Polished Anodized Finish, Add	277.10	
10 14 19 00-0115 EA 16" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	544.22	20.57
For Installation With Adhesive, Deduct	-35.44	
For Clear Anodized, Add	46.20	
For Satin Face And Enameled Return, Add	161.68	
For Color Anodized, Add	230.98	
For Polished Or Patina Finish, Add	230.98	
For Polished Anodized Finish, Add	346.46	
10 14 19 00-0116 EA 18" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	659.08	22.85
For Installation With Adhesive, Deduct	-42.10	
For Clear Anodized, Add	56.77	
For Satin Face And Enameled Return, Add	198.68	
For Color Anodized, Add	283.84	
For Polished Or Patina Finish, Add	283.84	
For Polished Anodized Finish, Add	425.75	
10 14 19 00-0117 EA 20" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	810.71	25.71
For Installation With Adhesive, Deduct	-50.82	
For Clear Anodized, Add	70.79	
For Satin Face And Enameled Return, Add	247.76	
For Color Anodized, Add	353.94	
For Polished Or Patina Finish, Add	353.94	
For Polished Anodized Finish, Add	530.91	
10 14 19 00-0118 EA 22" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs	966.19	27.14
For Installation With Adhesive, Deduct	-59.16	
For Clear Anodized, Add	85.76	
For Satin Face And Enameled Return, Add	300.17	
For Color Anodized, Add	428.82	
For Polished Or Patina Finish, Add	428.82	
For Polished Anodized Finish, Add	643.23	

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0119 EA 24" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,140.42	28.56
For Installation With Adhesive, Deduct	-68.45	
For Clear Anodized, Add	102.62	
For Satin Face And Enameled Return, Add	359.16	
For Color Anodized, Add	513.08	
For Polished Or Patina Finish, Add	513.08	
For Polished Anodized Finish, Add	769.62	
10 14 19 00-0120 EA 30" High x 1" Deep, Satin Finish, Aluminum Sign Letter/Character, Installed With Studs.....	1,610.86	34.28
For Installation With Adhesive, Deduct	-94.25	
For Clear Anodized, Add	147.38	
For Satin Face And Enameled Return, Add	515.81	
For Color Anodized, Add	736.88	
For Polished Or Patina Finish, Add	736.88	
For Polished Anodized Finish, Add	1,105.31	
10 14 19 00-0121 Satin Finish, Brass Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0122 1/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0123 EA 2" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	65.01	7.15
For Installation With Adhesive, Deduct	-6.11	
For Oxidized Finish, Add	5.47	
For Polished Finish, Add	10.94	
10 14 19 00-0124 EA 4" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	83.87	8.28
For Installation With Adhesive, Deduct	-7.51	
For Oxidized Finish, Add	7.61	
For Polished Finish, Add	15.22	
10 14 19 00-0125 EA 6" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	115.50	9.99
For Installation With Adhesive, Deduct	-9.77	
For Oxidized Finish, Add	11.33	
For Polished Finish, Add	22.65	
10 14 19 00-0126 EA 8" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	151.16	11.42
For Installation With Adhesive, Deduct	-12.13	
For Oxidized Finish, Add	15.82	
For Polished Finish, Add	31.64	
10 14 19 00-0127 EA 10" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	193.32	12.85
For Installation With Adhesive, Deduct	-14.81	
For Oxidized Finish, Add	21.29	
For Polished Finish, Add	42.57	
10 14 19 00-0128 EA 12" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	244.30	14.85
For Installation With Adhesive, Deduct	-18.16	
For Oxidized Finish, Add	27.73	
For Polished Finish, Add	55.46	
10 14 19 00-0129 EA 14" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	305.50	17.14
For Installation With Adhesive, Deduct	-22.13	
For Oxidized Finish, Add	35.54	
For Polished Finish, Add	71.09	
10 14 19 00-0130 EA 16" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	372.60	20.57
For Installation With Adhesive, Deduct	-26.86	
For Oxidized Finish, Add	43.55	
For Polished Finish, Add	87.10	
10 14 19 00-0131 EA 18" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	452.23	22.85
For Installation With Adhesive, Deduct	-31.75	
For Oxidized Finish, Add	54.12	
For Polished Finish, Add	108.25	
10 14 19 00-0132 EA 20" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	537.68	25.71
For Installation With Adhesive, Deduct	-37.17	
For Oxidized Finish, Add	65.23	
For Polished Finish, Add	130.46	
10 14 19 00-0133 EA 22" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	660.57	27.14
For Installation With Adhesive, Deduct	-43.88	
For Oxidized Finish, Add	82.80	
For Polished Finish, Add	165.61	
10 14 19 00-0134 EA 24" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	724.31	28.56
For Installation With Adhesive, Deduct	-47.64	
For Oxidized Finish, Add	91.51	
For Polished Finish, Add	183.02	
10 14 19 00-0135 EA 30" High x 1/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,088.33	34.28
For Installation With Adhesive, Deduct	-68.13	
For Oxidized Finish, Add	142.68	
For Polished Finish, Add	285.37	
10 14 19 00-0136 3/8" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0137 EA 2" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	77.77	7.15
For Installation With Adhesive, Deduct	-6.74	
For Oxidized Finish, Add	7.38	
For Polished Finish, Add	14.76	
10 14 19 00-0138 EA 4" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	101.62	8.28
For Installation With Adhesive, Deduct	-8.40	
For Oxidized Finish, Add	10.27	
For Polished Finish, Add	20.54	
10 14 19 00-0139 EA 6" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	145.71	9.99
For Installation With Adhesive, Deduct	-11.28	
For Oxidized Finish, Add	15.86	
For Polished Finish, Add	31.72	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0140	EA		8" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	193.34 -14.24 22.15 44.29	11.42
10 14 19 00-0141	EA		10" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	257.18 -18.00 30.87 61.73	12.85
10 14 19 00-0142	EA		12" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	327.49 -22.32 40.21 80.42	14.85
10 14 19 00-0143	EA		14" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	412.13 -27.46 51.54 103.07	17.14
10 14 19 00-0144	EA		16" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	488.74 -32.66 60.97 121.94	20.57
10 14 19 00-0145	EA		18" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	614.60 -39.87 78.48 156.96	22.85
10 14 19 00-0146	EA		20" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	711.62 -45.86 91.32 182.64	25.71
10 14 19 00-0147	EA		22" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	875.86 -54.65 115.10 230.19	27.14
10 14 19 00-0148	EA		24" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	998.84 -61.37 132.69 265.37	28.56
10 14 19 00-0149	EA		30" High x 3/8" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,383.21 -82.87 186.92 373.83	34.28
10 14 19 00-0150			1/2" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0151	EA		2" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	97.82 -7.75 10.39 20.78	7.15
10 14 19 00-0152	EA		4" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	126.98 -9.66 14.08 28.15	8.28
10 14 19 00-0153	EA		6" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	183.46 -13.17 21.52 43.04	9.99
10 14 19 00-0154	EA		8" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	251.34 -17.14 30.85 61.69	11.42
10 14 19 00-0155	EA		10" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	349.42 -22.61 44.70 89.40	12.85
10 14 19 00-0156	EA		12" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	466.15 -29.25 61.01 122.02	14.85
10 14 19 00-0157	EA		14" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	578.00 -35.76 76.42 152.84	17.14
10 14 19 00-0158	EA		16" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	689.07 -42.68 91.02 182.04	20.57
10 14 19 00-0159	EA		18" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	939.35 -56.11 127.19 254.38	22.85
10 14 19 00-0160	EA		20" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,059.50 -63.26 143.50 287.00	25.71
10 14 19 00-0161	EA		22" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs <i>For Installation With Adhesive, Deduct</i> <i>For Oxidized Finish, Add</i> <i>For Polished Finish, Add</i>	1,323.00 -77.01 182.17 364.34	27.14

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0162	EA		24" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,547.88	28.56
			<i>For Installation With Adhesive, Deduct</i>	-88.82	
			<i>For Oxidized Finish, Add</i>	215.04	
			<i>For Polished Finish, Add</i>	430.09	
10 14 19 00-0163	EA		30" High x 1/2" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,334.44	34.28
			<i>For Installation With Adhesive, Deduct</i>	-130.43	
			<i>For Oxidized Finish, Add</i>	329.60	
			<i>For Polished Finish, Add</i>	659.20	
10 14 19 00-0164			3/4" Deep, Satin Finish, Brass Characters <small>(10 14 19 00-0121)</small>		
10 14 19 00-0165	EA		2" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	119.70	7.15
			<i>For Installation With Adhesive, Deduct</i>	-8.84	
			<i>For Oxidized Finish, Add</i>	13.67	
			<i>For Polished Finish, Add</i>	27.34	
10 14 19 00-0166	EA		4" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	167.56	8.28
			<i>For Installation With Adhesive, Deduct</i>	-11.69	
			<i>For Oxidized Finish, Add</i>	20.16	
			<i>For Polished Finish, Add</i>	40.33	
10 14 19 00-0167	EA		6" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	228.77	9.99
			<i>For Installation With Adhesive, Deduct</i>	-15.44	
			<i>For Oxidized Finish, Add</i>	28.32	
			<i>For Polished Finish, Add</i>	56.63	
10 14 19 00-0168	EA		8" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	309.34	11.42
			<i>For Installation With Adhesive, Deduct</i>	-20.04	
			<i>For Oxidized Finish, Add</i>	39.55	
			<i>For Polished Finish, Add</i>	79.09	
10 14 19 00-0169	EA		10" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	420.38	12.85
			<i>For Installation With Adhesive, Deduct</i>	-26.16	
			<i>For Oxidized Finish, Add</i>	55.35	
			<i>For Polished Finish, Add</i>	110.69	
10 14 19 00-0170	EA		12" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	577.07	14.85
			<i>For Installation With Adhesive, Deduct</i>	-34.80	
			<i>For Oxidized Finish, Add</i>	77.65	
			<i>For Polished Finish, Add</i>	155.30	
10 14 19 00-0171	EA		14" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	720.17	17.14
			<i>For Installation With Adhesive, Deduct</i>	-42.86	
			<i>For Oxidized Finish, Add</i>	97.74	
			<i>For Polished Finish, Add</i>	195.49	
10 14 19 00-0172	EA		16" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	840.04	20.57
			<i>For Installation With Adhesive, Deduct</i>	-50.23	
			<i>For Oxidized Finish, Add</i>	113.67	
			<i>For Polished Finish, Add</i>	227.33	
10 14 19 00-0173	EA		18" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,119.76	22.85
			<i>For Installation With Adhesive, Deduct</i>	-65.13	
			<i>For Oxidized Finish, Add</i>	154.25	
			<i>For Polished Finish, Add</i>	308.51	
10 14 19 00-0174	EA		20" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,224.74	25.71
			<i>For Installation With Adhesive, Deduct</i>	-71.52	
			<i>For Oxidized Finish, Add</i>	168.29	
			<i>For Polished Finish, Add</i>	336.57	
10 14 19 00-0175	EA		22" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,554.85	27.14
			<i>For Installation With Adhesive, Deduct</i>	-88.60	
			<i>For Oxidized Finish, Add</i>	216.95	
			<i>For Polished Finish, Add</i>	433.89	
10 14 19 00-0176	EA		24" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	1,974.92	28.56
			<i>For Installation With Adhesive, Deduct</i>	-110.17	
			<i>For Oxidized Finish, Add</i>	279.10	
			<i>For Polished Finish, Add</i>	558.20	
10 14 19 00-0177	EA		30" High x 3/4" Deep, Satin Finish, Brass Sign Letter/Character, Installed With Studs	2,981.27	34.28
			<i>For Installation With Adhesive, Deduct</i>	-162.77	
			<i>For Oxidized Finish, Add</i>	426.62	
			<i>For Polished Finish, Add</i>	853.25	
10 14 19 00-0178			Satin Finish, Bronze Characters <small>(10 14 19 00-0049)</small>		
10 14 19 00-0179			1/4" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>		
10 14 19 00-0180	EA		2" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	69.06	7.15
			<i>For Installation With Adhesive, Deduct</i>	-6.31	
			<i>For Oxidized Finish, Add</i>	6.08	
			<i>For Polished Or Patina Finish, Add</i>	12.15	
10 14 19 00-0181	EA		4" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	89.55	8.28
			<i>For Installation With Adhesive, Deduct</i>	-7.79	
			<i>For Oxidized Finish, Add</i>	8.46	
			<i>For Polished Or Patina Finish, Add</i>	16.92	
10 14 19 00-0182	EA		6" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	123.88	9.99
			<i>For Installation With Adhesive, Deduct</i>	-10.19	
			<i>For Oxidized Finish, Add</i>	12.58	
			<i>For Polished Or Patina Finish, Add</i>	25.17	
10 14 19 00-0183	EA		8" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	162.86	11.42
			<i>For Installation With Adhesive, Deduct</i>	-12.71	
			<i>For Oxidized Finish, Add</i>	17.57	
			<i>For Polished Or Patina Finish, Add</i>	35.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0184	EA		10" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	209.06	12.85
			<i>For Installation With Adhesive, Deduct</i>	-15.59	
			<i>For Oxidized Finish, Add</i>	23.65	
			<i>For Polished Or Patina Finish, Add</i>	47.30	
10 14 19 00-0185	EA		12" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	264.80	14.85
			<i>For Installation With Adhesive, Deduct</i>	-19.18	
			<i>For Oxidized Finish, Add</i>	30.81	
			<i>For Polished Or Patina Finish, Add</i>	61.61	
10 14 19 00-0186	EA		14" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	331.79	17.14
			<i>For Installation With Adhesive, Deduct</i>	-23.44	
			<i>For Oxidized Finish, Add</i>	39.49	
			<i>For Polished Or Patina Finish, Add</i>	78.97	
10 14 19 00-0187	EA		16" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	412.04	20.57
			<i>For Installation With Adhesive, Deduct</i>	-28.83	
			<i>For Oxidized Finish, Add</i>	49.47	
			<i>For Polished Or Patina Finish, Add</i>	98.93	
10 14 19 00-0188	EA		18" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	493.50	22.85
			<i>For Installation With Adhesive, Deduct</i>	-33.82	
			<i>For Oxidized Finish, Add</i>	60.31	
			<i>For Polished Or Patina Finish, Add</i>	120.63	
10 14 19 00-0189	EA		20" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	585.92	25.71
			<i>For Installation With Adhesive, Deduct</i>	-39.58	
			<i>For Oxidized Finish, Add</i>	72.46	
			<i>For Polished Or Patina Finish, Add</i>	144.93	
10 14 19 00-0190	EA		22" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	684.21	27.14
			<i>For Installation With Adhesive, Deduct</i>	-45.07	
			<i>For Oxidized Finish, Add</i>	86.35	
			<i>For Polished Or Patina Finish, Add</i>	172.70	
10 14 19 00-0191	EA		24" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	792.61	28.56
			<i>For Installation With Adhesive, Deduct</i>	-51.06	
			<i>For Oxidized Finish, Add</i>	101.75	
			<i>For Polished Or Patina Finish, Add</i>	203.51	
10 14 19 00-0192	EA		30" High x 1/4" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,204.53	34.28
			<i>For Installation With Adhesive, Deduct</i>	-73.94	
			<i>For Oxidized Finish, Add</i>	160.11	
			<i>For Polished Or Patina Finish, Add</i>	320.23	
10 14 19 00-0193			3/8" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>		
10 14 19 00-0194	EA		2" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	82.02	7.15
			<i>For Installation With Adhesive, Deduct</i>	-6.96	
			<i>For Oxidized Finish, Add</i>	8.02	
			<i>For Polished Or Patina Finish, Add</i>	16.04	
10 14 19 00-0195	EA		4" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	107.04	8.28
			<i>For Installation With Adhesive, Deduct</i>	-8.67	
			<i>For Oxidized Finish, Add</i>	11.09	
			<i>For Polished Or Patina Finish, Add</i>	22.17	
10 14 19 00-0196	EA		6" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	155.76	9.99
			<i>For Installation With Adhesive, Deduct</i>	-11.79	
			<i>For Oxidized Finish, Add</i>	17.37	
			<i>For Polished Or Patina Finish, Add</i>	34.73	
10 14 19 00-0197	EA		8" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	206.20	11.42
			<i>For Installation With Adhesive, Deduct</i>	-14.88	
			<i>For Oxidized Finish, Add</i>	24.08	
			<i>For Polished Or Patina Finish, Add</i>	48.15	
10 14 19 00-0198	EA		10" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	280.01	12.85
			<i>For Installation With Adhesive, Deduct</i>	-19.14	
			<i>For Oxidized Finish, Add</i>	34.29	
			<i>For Polished Or Patina Finish, Add</i>	68.58	
10 14 19 00-0199	EA		12" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	355.17	14.85
			<i>For Installation With Adhesive, Deduct</i>	-23.70	
			<i>For Oxidized Finish, Add</i>	44.36	
			<i>For Polished Or Patina Finish, Add</i>	88.73	
10 14 19 00-0200	EA		14" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	444.98	17.14
			<i>For Installation With Adhesive, Deduct</i>	-29.10	
			<i>For Oxidized Finish, Add</i>	56.46	
			<i>For Polished Or Patina Finish, Add</i>	112.93	
10 14 19 00-0201	EA		16" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	550.55	20.57
			<i>For Installation With Adhesive, Deduct</i>	-35.75	
			<i>For Oxidized Finish, Add</i>	70.24	
			<i>For Polished Or Patina Finish, Add</i>	140.48	
10 14 19 00-0202	EA		18" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	666.40	22.85
			<i>For Installation With Adhesive, Deduct</i>	-42.46	
			<i>For Oxidized Finish, Add</i>	86.25	
			<i>For Polished Or Patina Finish, Add</i>	172.50	
10 14 19 00-0203	EA		20" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	793.65	25.71
			<i>For Installation With Adhesive, Deduct</i>	-49.97	
			<i>For Oxidized Finish, Add</i>	103.62	
			<i>For Polished Or Patina Finish, Add</i>	207.25	
10 14 19 00-0204	EA		22" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	931.74	27.14
			<i>For Installation With Adhesive, Deduct</i>	-57.44	
			<i>For Oxidized Finish, Add</i>	123.48	
			<i>For Polished Or Patina Finish, Add</i>	246.96	
10 14 19 00-0205	EA		24" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs.....	1,057.16	28.56
			<i>For Installation With Adhesive, Deduct</i>	-64.28	
			<i>For Oxidized Finish, Add</i>	141.44	
			<i>For Polished Or Patina Finish, Add</i>	282.87	

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 14 19 00-0206	EA	30" High x 3/8" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,450.04		34.28
		<i>For Installation With Adhesive, Deduct</i>	-86.21		
		<i>For Oxidized Finish, Add</i>	196.94		
		<i>For Polished Or Patina Finish, Add</i>	393.88		
10 14 19 00-0207		1/2" Deep, Satin Finish, Bronze Characters <small>(10 14 19 00-0178)</small>			
10 14 19 00-0208	EA	2" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	84.85		7.15
		<i>For Installation With Adhesive, Deduct</i>	-7.10		
		<i>For Oxidized Finish, Add</i>	8.44		
		<i>For Polished Or Patina Finish, Add</i>	16.89		
10 14 19 00-0209	EA	4" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	127.34		8.28
		<i>For Installation With Adhesive, Deduct</i>	-9.68		
		<i>For Oxidized Finish, Add</i>	14.13		
		<i>For Polished Or Patina Finish, Add</i>	28.26		
10 14 19 00-0210	EA	6" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	181.76		9.99
		<i>For Installation With Adhesive, Deduct</i>	-13.09		
		<i>For Oxidized Finish, Add</i>	21.27		
		<i>For Polished Or Patina Finish, Add</i>	42.53		
10 14 19 00-0211	EA	8" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	250.72		11.42
		<i>For Installation With Adhesive, Deduct</i>	-17.11		
		<i>For Oxidized Finish, Add</i>	30.75		
		<i>For Polished Or Patina Finish, Add</i>	61.51		
10 14 19 00-0212	EA	10" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	343.07		12.85
		<i>For Installation With Adhesive, Deduct</i>	-22.29		
		<i>For Oxidized Finish, Add</i>	43.75		
		<i>For Polished Or Patina Finish, Add</i>	87.50		
10 14 19 00-0213	EA	12" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	468.14		14.85
		<i>For Installation With Adhesive, Deduct</i>	-29.35		
		<i>For Oxidized Finish, Add</i>	61.31		
		<i>For Polished Or Patina Finish, Add</i>	122.62		
10 14 19 00-0214	EA	14" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	608.19		17.14
		<i>For Installation With Adhesive, Deduct</i>	-37.26		
		<i>For Oxidized Finish, Add</i>	80.95		
		<i>For Polished Or Patina Finish, Add</i>	161.89		
10 14 19 00-0215	EA	16" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	761.60		20.57
		<i>For Installation With Adhesive, Deduct</i>	-46.31		
		<i>For Oxidized Finish, Add</i>	101.90		
		<i>For Polished Or Patina Finish, Add</i>	203.80		
10 14 19 00-0216	EA	18" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	935.80		22.85
		<i>For Installation With Adhesive, Deduct</i>	-55.93		
		<i>For Oxidized Finish, Add</i>	126.66		
		<i>For Polished Or Patina Finish, Add</i>	253.32		
10 14 19 00-0217	EA	20" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,122.14		25.71
		<i>For Installation With Adhesive, Deduct</i>	-66.39		
		<i>For Oxidized Finish, Add</i>	152.90		
		<i>For Polished Or Patina Finish, Add</i>	305.79		
10 14 19 00-0218	EA	22" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,328.94		27.14
		<i>For Installation With Adhesive, Deduct</i>	-77.30		
		<i>For Oxidized Finish, Add</i>	183.06		
		<i>For Polished Or Patina Finish, Add</i>	366.12		
10 14 19 00-0219	EA	24" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	1,545.57		28.56
		<i>For Installation With Adhesive, Deduct</i>	-88.70		
		<i>For Oxidized Finish, Add</i>	214.70		
		<i>For Polished Or Patina Finish, Add</i>	429.39		
10 14 19 00-0220	EA	30" High x 1/2" Deep, Satin Finish, Bronze Sign Letter/Character, Installed With Studs	2,165.21		34.28
		<i>For Installation With Adhesive, Deduct</i>	-121.97		
		<i>For Oxidized Finish, Add</i>	304.22		
		<i>For Polished Or Patina Finish, Add</i>	608.43		
10 14 19 00-0221		Satin Finish, Copper Characters <small>(10 14 19 00-0049)</small>			
10 14 19 00-0222		1/4" Deep, Satin Finish, Copper Characters <small>(10 14 19 00-0221)</small>			
10 14 19 00-0223	EA	2" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	65.01		7.15
		<i>For Installation With Adhesive, Deduct</i>	-6.11		
		<i>For Polished Finish, Add</i>	10.94		
10 14 19 00-0224	EA	4" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	85.22		8.28
		<i>For Installation With Adhesive, Deduct</i>	-7.58		
		<i>For Polished Finish, Add</i>	15.62		
10 14 19 00-0225	EA	6" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	120.71		9.99
		<i>For Installation With Adhesive, Deduct</i>	-10.03		
		<i>For Polished Finish, Add</i>	24.22		
10 14 19 00-0226	EA	8" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	160.27		11.42
		<i>For Installation With Adhesive, Deduct</i>	-12.58		
		<i>For Polished Finish, Add</i>	34.37		
10 14 19 00-0227	EA	10" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	203.74		12.85
		<i>For Installation With Adhesive, Deduct</i>	-15.33		
		<i>For Polished Finish, Add</i>	45.70		
10 14 19 00-0228	EA	12" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	259.92		14.85
		<i>For Installation With Adhesive, Deduct</i>	-18.94		
		<i>For Polished Finish, Add</i>	60.15		
10 14 19 00-0229	EA	14" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs	326.33		17.14
		<i>For Installation With Adhesive, Deduct</i>	-23.17		
		<i>For Polished Finish, Add</i>	77.33		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0230	EA		16" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	402.55	20.57
			<i>For Installation With Adhesive, Deduct</i>	-28.35	
			<i>For Polished Finish, Add</i>	96.08	
10 14 19 00-0231	EA		18" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	483.29	22.85
			<i>For Installation With Adhesive, Deduct</i>	-33.31	
			<i>For Polished Finish, Add</i>	117.56	
10 14 19 00-0232	EA		20" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	572.83	25.71
			<i>For Installation With Adhesive, Deduct</i>	-38.92	
			<i>For Polished Finish, Add</i>	141.00	
10 14 19 00-0233	EA		22" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	669.70	27.14
			<i>For Installation With Adhesive, Deduct</i>	-44.34	
			<i>For Polished Finish, Add</i>	168.35	
10 14 19 00-0234	EA		24" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	774.34	28.56
			<i>For Installation With Adhesive, Deduct</i>	-50.14	
			<i>For Polished Finish, Add</i>	198.02	
10 14 19 00-0235	EA		30" High x 1/4" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,114.19	34.28
			<i>For Installation With Adhesive, Deduct</i>	-69.42	
			<i>For Polished Finish, Add</i>	293.12	
10 14 19 00-0236			3/8" Deep, Satin Finish, Copper Characters (10 14 19 00-0221)		
10 14 19 00-0237	EA		2" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	74.13	7.15
			<i>For Installation With Adhesive, Deduct</i>	-6.56	
			<i>For Polished Finish, Add</i>	13.67	
10 14 19 00-0238	EA		4" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	100.84	8.28
			<i>For Installation With Adhesive, Deduct</i>	-8.36	
			<i>For Polished Finish, Add</i>	20.31	
10 14 19 00-0239	EA		6" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	148.96	9.99
			<i>For Installation With Adhesive, Deduct</i>	-11.45	
			<i>For Polished Finish, Add</i>	32.69	
10 14 19 00-0240	EA		8" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	206.10	11.42
			<i>For Installation With Adhesive, Deduct</i>	-14.88	
			<i>For Polished Finish, Add</i>	48.12	
10 14 19 00-0241	EA		10" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	279.90	12.85
			<i>For Installation With Adhesive, Deduct</i>	-19.14	
			<i>For Polished Finish, Add</i>	68.55	
10 14 19 00-0242	EA		12" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	350.14	14.85
			<i>For Installation With Adhesive, Deduct</i>	-23.45	
			<i>For Polished Finish, Add</i>	87.22	
10 14 19 00-0243	EA		14" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	442.34	17.14
			<i>For Installation With Adhesive, Deduct</i>	-28.97	
			<i>For Polished Finish, Add</i>	112.14	
10 14 19 00-0244	EA		16" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	546.67	20.57
			<i>For Installation With Adhesive, Deduct</i>	-35.56	
			<i>For Polished Finish, Add</i>	139.32	
10 14 19 00-0245	EA		18" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	659.64	22.85
			<i>For Installation With Adhesive, Deduct</i>	-42.12	
			<i>For Polished Finish, Add</i>	170.47	
10 14 19 00-0246	EA		20" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	784.33	25.71
			<i>For Installation With Adhesive, Deduct</i>	-49.50	
			<i>For Polished Finish, Add</i>	204.45	
10 14 19 00-0247	EA		22" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	922.22	27.14
			<i>For Installation With Adhesive, Deduct</i>	-56.97	
			<i>For Polished Finish, Add</i>	244.10	
10 14 19 00-0248	EA		24" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,038.38	28.56
			<i>For Installation With Adhesive, Deduct</i>	-63.35	
			<i>For Polished Finish, Add</i>	277.24	
10 14 19 00-0249	EA		30" High x 3/8" Deep, Satin Finish, Copper Sign Letter/Character, Installed With Studs.....	1,456.16	34.28
			<i>For Installation With Adhesive, Deduct</i>	-86.52	
			<i>For Polished Finish, Add</i>	395.72	
10 14 19 00-0250			Satin Finish, Stainless Steel Characters (10 14 19 00-0049)		
10 14 19 00-0251			1/4" Deep, Satin Finish, Stainless Steel Characters (10 14 19 00-0250)		
10 14 19 00-0252	EA		2" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	62.12	7.15
			<i>For Installation With Adhesive, Deduct</i>	-5.96	
			<i>For Polished Finish, Add</i>	10.07	
10 14 19 00-0253	EA		4" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	81.80	8.28
			<i>For Installation With Adhesive, Deduct</i>	-7.40	
			<i>For Polished Finish, Add</i>	14.60	
10 14 19 00-0254	EA		6" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	105.42	9.99
			<i>For Installation With Adhesive, Deduct</i>	-9.27	
			<i>For Polished Finish, Add</i>	19.63	
10 14 19 00-0255	EA		8" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	136.30	11.42
			<i>For Installation With Adhesive, Deduct</i>	-11.39	
			<i>For Polished Finish, Add</i>	27.18	
10 14 19 00-0256	EA		10" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	167.18	12.85
			<i>For Installation With Adhesive, Deduct</i>	-13.50	
			<i>For Polished Finish, Add</i>	34.73	
10 14 19 00-0257	EA		12" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	205.39	14.85
			<i>For Installation With Adhesive, Deduct</i>	-16.21	
			<i>For Polished Finish, Add</i>	43.79	
10 14 19 00-0258	EA		14" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	246.40	17.14
			<i>For Installation With Adhesive, Deduct</i>	-19.18	
			<i>For Polished Finish, Add</i>	53.36	

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0259	EA		16" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	295.35	20.57
			<i>For Installation With Adhesive, Deduct</i>	-22.99	
			<i>For Polished Finish, Add</i>	63.92	
10 14 19 00-0260	EA		18" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	344.76	22.85
			<i>For Installation With Adhesive, Deduct</i>	-26.38	
			<i>For Polished Finish, Add</i>	76.01	
10 14 19 00-0261	EA		20" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	403.16	25.71
			<i>For Installation With Adhesive, Deduct</i>	-30.44	
			<i>For Polished Finish, Add</i>	90.10	
10 14 19 00-0262	EA		22" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	469.28	27.14
			<i>For Installation With Adhesive, Deduct</i>	-34.32	
			<i>For Polished Finish, Add</i>	108.22	
10 14 19 00-0263	EA		24" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	537.07	28.56
			<i>For Installation With Adhesive, Deduct</i>	-38.28	
			<i>For Polished Finish, Add</i>	126.84	
10 14 19 00-0264	EA		30" High x 1/4" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	737.76	34.28
			<i>For Installation With Adhesive, Deduct</i>	-50.60	
			<i>For Polished Finish, Add</i>	180.20	
10 14 19 00-0265			3/8" Deep, Satin Finish, Stainless Steel Characters <small>(10 14 19 00-0250)</small>		
10 14 19 00-0266	EA		2" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	73.86	7.15
			<i>For Installation With Adhesive, Deduct</i>	-6.55	
			<i>For Polished Finish, Add</i>	13.59	
10 14 19 00-0267	EA		4" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	98.83	8.28
			<i>For Installation With Adhesive, Deduct</i>	-8.26	
			<i>For Polished Finish, Add</i>	19.71	
10 14 19 00-0268	EA		6" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	127.02	9.99
			<i>For Installation With Adhesive, Deduct</i>	-10.35	
			<i>For Polished Finish, Add</i>	26.11	
10 14 19 00-0269	EA		8" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	162.58	11.42
			<i>For Installation With Adhesive, Deduct</i>	-12.70	
			<i>For Polished Finish, Add</i>	35.06	
10 14 19 00-0270	EA		10" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	200.75	12.85
			<i>For Installation With Adhesive, Deduct</i>	-15.18	
			<i>For Polished Finish, Add</i>	44.80	
10 14 19 00-0271	EA		12" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	247.72	14.85
			<i>For Installation With Adhesive, Deduct</i>	-18.33	
			<i>For Polished Finish, Add</i>	56.49	
10 14 19 00-0272	EA		14" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	297.97	17.14
			<i>For Installation With Adhesive, Deduct</i>	-21.75	
			<i>For Polished Finish, Add</i>	68.83	
10 14 19 00-0273	EA		16" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	357.14	20.57
			<i>For Installation With Adhesive, Deduct</i>	-26.08	
			<i>For Polished Finish, Add</i>	82.46	
10 14 19 00-0274	EA		18" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	415.70	22.85
			<i>For Installation With Adhesive, Deduct</i>	-29.93	
			<i>For Polished Finish, Add</i>	97.29	
10 14 19 00-0275	EA		20" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	487.25	25.71
			<i>For Installation With Adhesive, Deduct</i>	-34.65	
			<i>For Polished Finish, Add</i>	115.33	
10 14 19 00-0276	EA		22" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	548.64	27.14
			<i>For Installation With Adhesive, Deduct</i>	-38.29	
			<i>For Polished Finish, Add</i>	132.03	
10 14 19 00-0277	EA		24" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	630.08	28.56
			<i>For Installation With Adhesive, Deduct</i>	-42.93	
			<i>For Polished Finish, Add</i>	154.75	
10 14 19 00-0278	EA		30" High x 3/8" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	869.91	34.28
			<i>For Installation With Adhesive, Deduct</i>	-57.21	
			<i>For Polished Finish, Add</i>	219.84	
10 14 19 00-0279			1/2" Deep, Satin Finish, Stainless Steel Characters <small>(10 14 19 00-0250)</small>		
10 14 19 00-0280	EA		2" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	88.96	7.15
			<i>For Installation With Adhesive, Deduct</i>	-7.30	
			<i>For Polished Finish, Add</i>	18.12	
10 14 19 00-0281	EA		4" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	120.72	8.28
			<i>For Installation With Adhesive, Deduct</i>	-9.35	
			<i>For Polished Finish, Add</i>	26.27	
10 14 19 00-0282	EA		6" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	155.81	9.99
			<i>For Installation With Adhesive, Deduct</i>	-11.79	
			<i>For Polished Finish, Add</i>	34.75	
10 14 19 00-0283	EA		8" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	205.16	11.42
			<i>For Installation With Adhesive, Deduct</i>	-14.83	
			<i>For Polished Finish, Add</i>	47.84	
10 14 19 00-0284	EA		10" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	255.16	12.85
			<i>For Installation With Adhesive, Deduct</i>	-17.90	
			<i>For Polished Finish, Add</i>	61.13	
10 14 19 00-0285	EA		12" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	316.32	14.85
			<i>For Installation With Adhesive, Deduct</i>	-21.76	
			<i>For Polished Finish, Add</i>	77.07	
10 14 19 00-0286	EA		14" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	381.56	17.14
			<i>For Installation With Adhesive, Deduct</i>	-25.93	
			<i>For Polished Finish, Add</i>	93.90	

Specialties	10
Information Specialties	10 10
Signage	10 14

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 19 00-0287	EA		16" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	457.29	20.57
			<i>For Installation With Adhesive, Deduct</i>	-31.09	
			<i>For Polished Finish, Add</i>	112.51	
10 14 19 00-0288	EA		18" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	544.90	22.85
			<i>For Installation With Adhesive, Deduct</i>	-36.39	
			<i>For Polished Finish, Add</i>	136.05	
10 14 19 00-0289	EA		20" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	640.41	25.71
			<i>For Installation With Adhesive, Deduct</i>	-42.30	
			<i>For Polished Finish, Add</i>	161.27	
10 14 19 00-0290	EA		22" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	718.18	27.14
			<i>For Installation With Adhesive, Deduct</i>	-46.76	
			<i>For Polished Finish, Add</i>	182.89	
10 14 19 00-0291	EA		24" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	828.80	28.56
			<i>For Installation With Adhesive, Deduct</i>	-52.87	
			<i>For Polished Finish, Add</i>	214.36	
10 14 19 00-0292	EA		30" High x 1/2" Deep, Satin Finish, Stainless Steel Sign Letter/Character, Installed With Studs.....	1,152.21	34.28
			<i>For Installation With Adhesive, Deduct</i>	-71.32	
			<i>For Polished Finish, Add</i>	304.53	
10 14 23 Panel Signage (10 14)					
10 14 23 11 Panel Signage (10 14 23)					
10 14 23 11-0001			Indoor/Outdoor Signs (10 14 23 11) Note: Office number signs, conference room signs, restroom signs, stairway signs, fire extinguisher marker, ANSI/OSHA safety signs, entry/exit signs, etc.		
10 14 23 11-0002			Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0001)		
10 14 23 11-0003			Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Signs (10 14 23 11-0002) Note: Multi-color with words, symbols and graphics.		
10 14 23 11-0004	EA		Up To 25 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	25.40	10.28
			<i>For >25 To 50, Deduct</i>	-0.49	
			<i>For >50 To 100, Deduct</i>	-1.21	
			<i>For >100, Deduct</i>	-1.46	
			<i>For Clear Glass Mount, Add</i>	3.88	
			<i>For Glow-In-Dark, Add</i>	9.70	
			<i>For Reflective Finish, Add</i>	10.91	
10 14 23 11-0005	EA		>25 To 50 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	28.87	10.28
			<i>For >25 To 50, Deduct</i>	-0.83	
			<i>For >50 To 100, Deduct</i>	-2.08	
			<i>For >100, Deduct</i>	-2.50	
			<i>For Clear Glass Mount, Add</i>	6.66	
			<i>For Glow-In-Dark, Add</i>	16.64	
			<i>For Reflective Finish, Add</i>	18.72	
10 14 23 11-0006	EA		>50 To 100 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	34.41	10.28
			<i>For >25 To 50, Deduct</i>	-1.39	
			<i>For >50 To 100, Deduct</i>	-3.47	
			<i>For >100, Deduct</i>	-4.16	
			<i>For Clear Glass Mount, Add</i>	11.09	
			<i>For Glow-In-Dark, Add</i>	27.72	
			<i>For Reflective Finish, Add</i>	31.19	
10 14 23 11-0007	EA		>100 To 250 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	41.34	10.28
			<i>For >25 To 50, Deduct</i>	-2.08	
			<i>For >50 To 100, Deduct</i>	-5.20	
			<i>For >100, Deduct</i>	-6.24	
			<i>For Clear Glass Mount, Add</i>	16.63	
			<i>For Glow-In-Dark, Add</i>	41.58	
			<i>For Reflective Finish, Add</i>	46.78	
10 14 23 11-0008	EA		>250 To 500 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	53.81	10.28
			<i>For >25 To 50, Deduct</i>	-3.33	
			<i>For >50 To 100, Deduct</i>	-8.32	
			<i>For >100, Deduct</i>	-9.98	
			<i>For Clear Glass Mount, Add</i>	26.61	
			<i>For Glow-In-Dark, Add</i>	66.52	
			<i>For Reflective Finish, Add</i>	74.84	
10 14 23 11-0009	EA		>500 To 750 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	75.99	10.28
			<i>For >25 To 50, Deduct</i>	-5.54	
			<i>For >50 To 100, Deduct</i>	-13.86	
			<i>For >100, Deduct</i>	-16.63	
			<i>For Clear Glass Mount, Add</i>	44.35	
			<i>For Glow-In-Dark, Add</i>	110.88	
			<i>For Reflective Finish, Add</i>	124.74	
10 14 23 11-0010	EA		>750 To 1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign	103.71	10.28
			<i>For >25 To 50, Deduct</i>	-8.32	
			<i>For >50 To 100, Deduct</i>	-20.79	
			<i>For >100, Deduct</i>	-24.95	
			<i>For Clear Glass Mount, Add</i>	66.53	
			<i>For Glow-In-Dark, Add</i>	166.32	
			<i>For Reflective Finish, Add</i>	187.11	
10 14 23 11-0011	SI		>1,000 SI, Adhesive Backed Vinyl, Surface Mount, Indoor/Outdoor Sign.....	0.11	0.01
			<i>For Clear Glass Mount, Add</i>	0.07	
			<i>For Glow-In-Dark, Add</i>	0.18	
			<i>For Reflective Finish, Add</i>	0.20	

10 Specialties**10 10 Information Specialties****10 14 Signage**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 14 23 11-0012		Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Signs		
		<small>(10 14 23 11-0002)</small>		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 11-0013	EA	Up To 25 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	26.79	10.28
		For >25 To 50, Deduct	-0.62	
		For >50 To 100, Deduct	-1.56	
		For >100, Deduct	-1.87	
		For Glow-In-Dark, Add	12.48	
		For Reflective Finish, Add	13.42	
10 14 23 11-0014	EA	>25 To 50 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	30.25	10.28
		For >25 To 50, Deduct	-0.97	
		For >50 To 100, Deduct	-2.43	
		For >100, Deduct	-2.91	
		For Glow-In-Dark, Add	19.40	
		For Reflective Finish, Add	20.86	
10 14 23 11-0015	EA	>50 To 100 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	37.18	10.28
		For >25 To 50, Deduct	-1.66	
		For >50 To 100, Deduct	-4.16	
		For >100, Deduct	-4.99	
		For Glow-In-Dark, Add	33.26	
		For Reflective Finish, Add	35.75	
10 14 23 11-0016	EA	>100 To 250 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	44.11	10.28
		For >25 To 50, Deduct	-2.36	
		For >50 To 100, Deduct	-5.89	
		For >100, Deduct	-7.07	
		For Glow-In-Dark, Add	47.12	
		For Reflective Finish, Add	50.65	
10 14 23 11-0017	EA	>250 To 500 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	54.51	10.28
		For >25 To 50, Deduct	-3.40	
		For >50 To 100, Deduct	-8.49	
		For >100, Deduct	-10.19	
		For Glow-In-Dark, Add	67.92	
		For Reflective Finish, Add	73.01	
10 14 23 11-0018	EA	>500 To 750 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	64.90	10.28
		For >25 To 50, Deduct	-4.44	
		For >50 To 100, Deduct	-11.09	
		For >100, Deduct	-13.31	
		For Glow-In-Dark, Add	88.70	
		For Reflective Finish, Add	95.35	
10 14 23 11-0019	EA	>750 To 1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	75.99	10.28
		For >25 To 50, Deduct	-5.54	
		For >50 To 100, Deduct	-13.86	
		For >100, Deduct	-16.63	
		For Glow-In-Dark, Add	110.88	
		For Reflective Finish, Add	119.20	
10 14 23 11-0020	SI	>1,000 SI, Semi-Rigid Polyvinyl Chloride (PVC), Surface Mount, Indoor/Outdoor Sign.....	0.08	0.01
		For Glow-In-Dark, Add	0.12	
		For Reflective Finish, Add	0.13	
10 14 23 11-0021		Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille <small>(10 14 23 11-0002)</small>		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		
10 14 23 11-0022	EA	Up To 25 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	37.18	10.28
		For >25 To 50, Deduct	-1.66	
		For >50 To 100, Deduct	-4.16	
		For >100, Deduct	-4.99	
		For Molded Plastic Frame, Add	15.00	
		For Brushed Metal Finish/Faux Metal Finish, Add	23.00	
		For 2" Height Slider Channel For Custom Inserts, Add	35.00	
10 14 23 11-0023	EA	>25 To 50 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	41.34	10.28
		For >25 To 50, Deduct	-2.08	
		For >50 To 100, Deduct	-5.20	
		For >100, Deduct	-6.24	
		For Molded Plastic Frame, Add	17.00	
		For Brushed Metal Finish/Faux Metal Finish, Add	28.00	
		For 2" Height Slider Channel For Custom Inserts, Add	35.00	
10 14 23 11-0024	EA	>50 To 75 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	48.27	10.28
		For >25 To 50, Deduct	-2.77	
		For >50 To 100, Deduct	-6.93	
		For >100, Deduct	-8.32	
		For Molded Plastic Frame, Add	19.00	
		For Brushed Metal Finish/Faux Metal Finish, Add	31.00	
10 14 23 11-0025	EA	>75 To 100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	54.78	10.28
		For >25 To 50, Deduct	-3.42	
		For >50 To 100, Deduct	-8.56	
		For >100, Deduct	-10.27	
		For Molded Plastic Frame, Add	21.00	
		For Brushed Metal Finish/Faux Metal Finish, Add	35.00	
10 14 23 11-0026	SI	>100 SI, Acrylic, Surface Mount, Indoor/Outdoor Signs With Braille.....	0.59	0.10
		For Molded Plastic Frame, Add	0.20	
		For Brushed Metal Finish/Faux Metal Finish, Add	0.31	
10 14 23 11-0027		Engraved Steel, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0002)</small>		
		Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting. Excludes frame.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0028	EA		Up To 25 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign.....	46.88	10.28
			<i>For >25 To 50, Deduct</i>	-2.63	
			<i>For >50 To 100, Deduct</i>	-6.58	
			<i>For >100, Deduct</i>	-7.90	
			<i>For Molded Plastic Frame, Add</i>	15.00	
10 14 23 11-0029	EA		>25 To 50 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	55.20	10.28
			<i>For >25 To 50, Deduct</i>	-3.47	
			<i>For >50 To 100, Deduct</i>	-8.66	
			<i>For >100, Deduct</i>	-10.40	
			<i>For Molded Plastic Frame, Add</i>	17.00	
10 14 23 11-0030	EA		>50 To 75 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	66.29	10.28
			<i>For >25 To 50, Deduct</i>	-4.57	
			<i>For >50 To 100, Deduct</i>	-11.44	
			<i>For >100, Deduct</i>	-13.72	
			<i>For Molded Plastic Frame, Add</i>	19.00	
10 14 23 11-0031	EA		>75 To 100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	88.46	10.28
			<i>For >25 To 50, Deduct</i>	-6.79	
			<i>For >50 To 100, Deduct</i>	-16.98	
			<i>For >100, Deduct</i>	-20.37	
			<i>For Molded Plastic Frame, Add</i>	21.00	
10 14 23 11-0032	SI		>100 SI, Engraved Steel, Surface Mount, Indoor/Outdoor Sign	0.88	0.10
			<i>For Molded Plastic Frame, Add</i>	0.20	
10 14 23 11-0033			Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0002)</small>		
			Note: Multi-color with words, symbols and graphics. Includes adhesive or fasteners for mounting.		
10 14 23 11-0034	EA		Up To 25 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign.....	26.09	10.28
			<i>For >25 To 50, Deduct</i>	-0.55	
			<i>For >50 To 100, Deduct</i>	-1.39	
			<i>For >100, Deduct</i>	-1.66	
			<i>For Glow-In-Dark, Add</i>	3.32	
			<i>For Reflective Finish, Add</i>	4.16	
10 14 23 11-0035	EA		>25 To 50 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	30.25	10.28
			<i>For >25 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-2.43	
			<i>For >100, Deduct</i>	-2.91	
			<i>For Glow-In-Dark, Add</i>	5.82	
			<i>For Reflective Finish, Add</i>	7.28	
10 14 23 11-0036	EA		>50 To 100 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	38.57	10.28
			<i>For >25 To 50, Deduct</i>	-1.80	
			<i>For >50 To 100, Deduct</i>	-4.51	
			<i>For >100, Deduct</i>	-5.41	
			<i>For Glow-In-Dark, Add</i>	10.81	
			<i>For Reflective Finish, Add</i>	13.52	
10 14 23 11-0037	EA		>100 To 250 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	48.27	10.28
			<i>For >25 To 50, Deduct</i>	-2.77	
			<i>For >50 To 100, Deduct</i>	-6.93	
			<i>For >100, Deduct</i>	-8.32	
			<i>For Glow-In-Dark, Add</i>	16.63	
			<i>For Reflective Finish, Add</i>	20.79	
10 14 23 11-0038	EA		>250 To 500 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	77.38	10.28
			<i>For >25 To 50, Deduct</i>	-5.68	
			<i>For >50 To 100, Deduct</i>	-14.21	
			<i>For >100, Deduct</i>	-17.05	
			<i>For Glow-In-Dark, Add</i>	34.10	
			<i>For Reflective Finish, Add</i>	42.62	
10 14 23 11-0039	EA		>500 To 750 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	89.85	10.28
			<i>For >25 To 50, Deduct</i>	-6.93	
			<i>For >50 To 100, Deduct</i>	-17.33	
			<i>For >100, Deduct</i>	-20.79	
			<i>For Glow-In-Dark, Add</i>	41.58	
			<i>For Reflective Finish, Add</i>	51.98	
10 14 23 11-0040	EA		>750 To 1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	106.48	10.28
			<i>For >25 To 50, Deduct</i>	-8.59	
			<i>For >50 To 100, Deduct</i>	-21.48	
			<i>For >100, Deduct</i>	-25.78	
			<i>For Glow-In-Dark, Add</i>	51.56	
			<i>For Reflective Finish, Add</i>	64.45	
10 14 23 11-0041	SI		>1,000 SI, Enamel Coated Aluminum, Surface Mount, Indoor/Outdoor Sign	0.12	0.01
			<i>For Glow-In-Dark, Add</i>	0.06	
			<i>For Reflective Finish, Add</i>	0.08	
10 14 23 11-0042			California Title 24, Surface Mount, Signs <small>(10 14 23 11-0002)</small>		
10 14 23 11-0043			California Title 24, Surface Mount, Geometric Restroom Signs <small>(10 14 23 11-0042)</small>		
			Note: Includes 1/4" thick acrylic or PVC construction, color that contrasts with the door color, and with or without the international symbol of accessibility and staff only designation.		
10 14 23 11-0044	EA		1/4" Thick, Equilateral Triangle With 12" Long Edges, California Title 24, Surface Mount, Geometric Male Restroom Sign.....	71.49	10.28
			<i>For >25 To 50, Deduct</i>	-5.09	
			<i>For >50 To 100, Deduct</i>	-7.64	
			<i>For >100, Deduct</i>	-8.66	
10 14 23 11-0045	EA		1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Female Restroom Sign	71.49	10.28
			<i>For >25 To 50, Deduct</i>	-5.09	
			<i>For >50 To 100, Deduct</i>	-7.64	
			<i>For >100, Deduct</i>	-8.66	

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
10 14 23 11-0046	EA	1/4" Thick, 12" Diameter, California Title 24, Surface Mount, Geometric Unisex Restroom Sign	91.86		10.28
		Note: Includes contrasting color equilateral triangle with 12" long edges superimposed on the circle.			
		For >25 To 50, Deduct	-7.13		
		For >50 To 100, Deduct	-10.70		
		For >100, Deduct	-12.12		
10 14 23 11-0047		California Title 24, Surface Mount, Stairwell Signs <small>(10 14 23 11-0042)</small>			
		Note: Includes 1/16" matte finish colored polymer face plate with 1/16" acrylic backer. Includes information on stairway location, roof access availability, floor level number, basement or mezzanine level identification and exit level and direction.			
10 14 23 11-0048	EA	1/8" Thick, 12" x 18", California Title 24, Surface Mount, Stairwell Sign	135.52		10.28
		For >25 To 50, Deduct	-11.50		
		For >50 To 100, Deduct	-17.25		
		For >100, Deduct	-19.54		
10 14 23 11-0049		Ceiling Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0001)</small>			
10 14 23 11-0050		Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0049)</small>			
10 14 23 11-0051	EA	Up To 25 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	36.39		14.38
		For >25 To 50, Deduct	-0.76		
		For >50 To 100, Deduct	-1.91		
		For >100, Deduct	-2.29		
		For Glow-In-Dark, Add	4.57		
		For Reflective Finish, Add	5.72		
10 14 23 11-0052	EA	>25 To 50 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	42.63		14.38
		For >25 To 50, Deduct	-1.39		
		For >50 To 100, Deduct	-3.47		
		For >100, Deduct	-4.16		
		For Glow-In-Dark, Add	8.32		
		For Reflective Finish, Add	10.40		
10 14 23 11-0053	EA	>50 To 100 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	50.95		14.38
		For >25 To 50, Deduct	-2.22		
		For >50 To 100, Deduct	-5.55		
		For >100, Deduct	-6.65		
		For Glow-In-Dark, Add	13.31		
		For Reflective Finish, Add	16.64		
10 14 23 11-0054	EA	>100 To 150 SI, Enamel Coated Aluminum, Ceiling Mount, Indoor/Outdoor Sign	63.42		14.38
		For >25 To 50, Deduct	-3.47		
		For >50 To 100, Deduct	-8.66		
		For >100, Deduct	-10.40		
		For Glow-In-Dark, Add	20.79		
		For Reflective Finish, Add	25.99		
10 14 23 11-0055		90 Degree, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0001)</small>			
10 14 23 11-0056		Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0055)</small>			
10 14 23 11-0057	EA	Up To 25 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	37.09		14.38
		For >25 To 50, Deduct	-0.83		
		For >50 To 100, Deduct	-2.08		
		For >100, Deduct	-2.50		
		For Glow-In-Dark, Add	4.99		
		For Reflective Finish, Add	6.24		
10 14 23 11-0058	EA	>25 To 50 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	44.02		14.38
		For >25 To 50, Deduct	-1.53		
		For >50 To 100, Deduct	-3.81		
		For >100, Deduct	-4.58		
		For Glow-In-Dark, Add	9.15		
		For Reflective Finish, Add	11.44		
10 14 23 11-0059	EA	>50 To 100 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	59.26		14.38
		For >25 To 50, Deduct	-3.05		
		For >50 To 100, Deduct	-7.62		
		For >100, Deduct	-9.15		
		For Glow-In-Dark, Add	18.29		
		For Reflective Finish, Add	22.87		
10 14 23 11-0060	EA	>100 To 150 SI, Enamel Coated Aluminum, 90 Degree, Projection Mount, Indoor/Outdoor Sign	64.81		14.38
		For >25 To 50, Deduct	-3.60		
		For >50 To 100, Deduct	-9.01		
		For >100, Deduct	-10.81		
		For Glow-In-Dark, Add	21.62		
		For Reflective Finish, Add	27.03		
10 14 23 11-0061		Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0001)</small>			
10 14 23 11-0062		Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Signs <small>(10 14 23 11-0061)</small>			
10 14 23 11-0063	EA	Up To 25 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign	39.17		14.38
		For >25 To 50, Deduct	-1.04		
		For >50 To 100, Deduct	-2.60		
		For >100, Deduct	-3.12		
		For Glow-In-Dark, Add	6.24		
		For Reflective Finish, Add	7.80		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 23 11-0064 EA >25 To 50 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign.....	49.56	14.38
For >25 To 50, Deduct	-2.08	
For >50 To 100, Deduct	-5.20	
For >100, Deduct	-6.24	
For Glow-In-Dark, Add	12.47	
For Reflective Finish, Add	15.59	
10 14 23 11-0065 EA >50 To 100 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign.....	53.72	14.38
For >25 To 50, Deduct	-2.50	
For >50 To 100, Deduct	-6.24	
For >100, Deduct	-7.49	
For Glow-In-Dark, Add	14.97	
For Reflective Finish, Add	18.71	
10 14 23 11-0066 EA >100 To 150 SI, Enamel Coated Aluminum, Triangle, Projection Mount, Indoor/Outdoor Sign.....	59.26	14.38
For >25 To 50, Deduct	-3.05	
For >50 To 100, Deduct	-7.62	
For >100, Deduct	-9.15	
For Glow-In-Dark, Add	18.29	
For Reflective Finish, Add	22.87	
10 14 23 11-0067 Adhesive Backed Vinyl Characters (10 14 23 11)		
Note: Includes capital or lower case letters in any font or color. Includes numbers, symbols, punctuation marks, etc. Includes adhesive.		
10 14 23 11-0068 EA 1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	2.89	0.82
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.51	
10 14 23 11-0069 EA 3/4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.00	0.94
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.54	
10 14 23 11-0070 EA 1" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	3.12	1.06
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.57	
10 14 23 11-0071 EA 1-1/2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.12	1.23
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.71	
10 14 23 11-0072 EA 2" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	4.28	1.44
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	0.75	
10 14 23 11-0073 EA 3" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	6.09	1.65
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.09	
10 14 23 11-0074 EA 4" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	6.56	1.85
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.21	
10 14 23 11-0075 EA 6" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	8.85	2.06
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	1.68	
10 14 23 11-0076 EA 8" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	10.77	2.26
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	2.16	
10 14 23 11-0077 EA 10" High, 3 Mil, Adhesive Backed Vinyl Sign Letter/Character	13.84	2.47
For Pressure Sensitive Vinyl Letters, Custom Cut, Add	2.82	
10 14 23 11-0078 Standoffs For Wall Signage (10 14 23 11)		
Note: Excludes signage		
10 14 23 11-0079 EA 1/2" Diameter x 1/2" Long, Stainless Steel Standoff	15.37	5.72
10 14 23 11-0080 EA 1/2" Diameter x 3/4" Long, Stainless Steel Standoff	15.88	5.72
10 14 23 11-0081 EA 1/2" Diameter x 1" Long, Stainless Steel Standoff	16.01	5.72
10 14 23 11-0082 EA 5/8" Diameter x 1/2" Long, Stainless Steel Standoff	16.85	5.72
10 14 23 11-0083 EA 5/8" Diameter x 3/4" Long, Stainless Steel Standoff	17.36	5.72
10 14 23 11-0084 EA 5/8" Diameter x 1" Long, Stainless Steel Standoff	18.38	5.72
10 14 23 11-0085 EA 3/4" Diameter x 3/4" Long, Stainless Steel Standoff	18.18	6.85
10 14 23 11-0086 EA 3/4" Diameter x 1" Long, Stainless Steel Standoff	19.59	6.85
10 14 23 11-0087 EA 3/4" Diameter x 1-1/2" Long, Stainless Steel Standoff	20.73	6.85
10 14 23 11-0088 EA 1" Diameter x 3/4" Long, Stainless Steel Standoff	21.87	6.85
10 14 23 11-0089 EA 1" Diameter x 1" Long, Stainless Steel Standoff	23.53	6.85
10 14 23 11-0090 EA 1" Diameter x 1-1/2" Long, Stainless Steel Standoff	25.57	6.85
10 14 23 11-0091 EA 5/8" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	17.23	5.72
10 14 23 11-0092 EA 5/8" Diameter x 1" Long, Clear Anodized Aluminum Standoff	17.61	5.72
10 14 23 11-0093 EA 3/4" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	19.33	6.85
10 14 23 11-0094 EA 3/4" Diameter x 1" Long, Clear Anodized Aluminum Standoff	19.71	6.85
10 14 23 11-0095 EA 1" Diameter x 3/4" Long, Clear Anodized Aluminum Standoff	21.36	6.85
10 14 23 11-0096 EA 1" Diameter x 1" Long, Clear Anodized Aluminum Standoff	21.62	6.85
10 14 23 11-0097 Removal And Reinstallation Of Building Signage (10 14 23 11)		
Note: Includes storage and cleaning.		
10 14 23 11-0098 EA Removal And Reinstallation Of Building Signage, Exterior Up To 4 SF	200.04	
10 14 23 11-0099 EA Removal And Reinstallation Of Building Signage, Exterior >4 To 12 SF	229.91	
10 14 23 11-0100 EA Removal And Reinstallation Of Building Signage, >12 To 20 SF	258.49	
10 14 23 11-0101 EA Removal And Reinstallation Of Interior Door And Office Signage, Up To 4SF	61.64	
10 14 23 11-0102 Building Sign (10 14 23 11)		
Note: Includes 4" numbers painted on. Installed on building.		
10 14 23 11-0103 EA 6" x 18" Metal Building Sign With Numbers	170.10	24.65
10 14 23 11-0104 SF Double Sided, Molding On Two Sides, For Mounting On Aluminum Posts	46.76	8.00
10 14 23 11-0105 SF Single Sided, Molding On One Side, For Mounting On Structure Up To 20'	35.23	7.43
10 14 23 11-0106 EA Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 6' High, 3' Deep	34.08	6.28
10 14 23 11-0107 EA Aluminum Posts, Formed Prefinished, Ribbed, 4" Square, 8' High, 3' Deep	39.63	6.86
10 14 23 11-0108 EA Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 10' High, 3' Deep	43.54	7.43
10 14 23 11-0109 EA Aluminum Posts, Formed Prefinished, Ribbed, 6" Square, 15' High, 4' Deep	51.86	8.00

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 29 Wall or Ground Mounted Signage (10 14)

Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.

10 14 29 00-0001	Illuminated Signage (10 14 29)			
10 14 29 00-0002	Removal Of Sign Cabinets (10 14 29 00-0001)			
10 14 29 00-0003	EA	Removal Of Sign Cabinet, 1 To 4.9 SF		322.88
10 14 29 00-0004	EA	Removal Of Sign Cabinet, 5 To 9.9 SF		387.46
10 14 29 00-0005	EA	Removal Of Sign Cabinet, 10 To 19.9 SF		516.57
10 14 29 00-0006	EA	Removal Of Sign Cabinet, 20 To 29.9 SF		774.92
10 14 29 00-0007	EA	Removal Of Sign Cabinet, >30 SF		1,033.14

10 14 29 00-0008 Fabricate And Install New Sign Cabinets (10 14 29 00-0001)

10 14 29 00-0009	SF	1 To 4.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted		309.14
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-15.46
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-23.19
		<i>For >20 Per Each Sign, Deduct</i>		-30.91
10 14 29 00-0010	SF	5 To 9.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted		256.72
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-12.84
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-19.25
		<i>For >20 Per Each Sign, Deduct</i>		-25.67
10 14 29 00-0011	SF	10 To 19.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted		209.57
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-10.48
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-15.72
		<i>For >20 Per Each Sign, Deduct</i>		-20.96
10 14 29 00-0012	SF	20 To 29.9 SF, Illuminated Sign Cabinet, Wall/Ground Mounted		188.61
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-9.43
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-14.15
		<i>For >20 Per Each Sign, Deduct</i>		-18.86
10 14 29 00-0013	SF	=>30 SF, Illuminated Sign Cabinet, Wall/Ground Mounted		172.89
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-8.64
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-12.97
		<i>For >20 Per Each Sign, Deduct</i>		-17.29

10 14 29 00-0014 Fabricate And Install New Sign Face, Material And Legend (10 14 29 00-0001)

10 14 29 00-0015	SF	1 To 4.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend		83.83
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-4.19
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-6.29
		<i>For >20 Per Each Sign, Deduct</i>		-8.38
10 14 29 00-0016	SF	5 To 9.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend		68.11
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-3.41
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-5.11
		<i>For >20 Per Each Sign, Deduct</i>		-6.81
10 14 29 00-0017	SF	10 To 19.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend		52.40
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-2.62
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-3.93
		<i>For >20 Per Each Sign, Deduct</i>		-5.24
10 14 29 00-0018	SF	20 To 29.9 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend		41.92
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-2.10
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-3.14
		<i>For >20 Per Each Sign, Deduct</i>		-4.19
10 14 29 00-0019	SF	=>30 SF, Illuminated Sign Face, Wall/Ground Mounted, Material And Legend		33.54
		<i>For >5 To 11 Per Each Sign, Deduct</i>		-1.68
		<i>For >11 To 20 Per Each Sign, Deduct</i>		-2.52
		<i>For >20 Per Each Sign, Deduct</i>		-3.35

10 14 29 00-0020 Posts (10 14 29)

Note: Includes mounting bolts and installation for sign blades to posts.

10 14 29 00-0021	LF	2" Square Galvanized Steel Post		24.61
		<i>For Powder Coating, Add</i>		1.15
10 14 29 00-0022	LF	2-3/8" Diameter Galvanized Steel Post		23.76
		<i>For Powder Coating, Add</i>		1.09
10 14 29 00-0023	LF	2" Diameter TREX Post		10.65
10 14 29 00-0024	EA	Mounting On Ground With Base		62.53
		Note: Includes bolts and drilling for bolts.		
10 14 29 00-0025	EA	Mid Post Mounted Rotating Sign With Graphics		289.71
		<i>For >5 To 11, Deduct</i>		-14.49
		<i>For >11 To 20, Deduct</i>		-21.73
		<i>For >20, Deduct</i>		-28.97

10 14 31 Overhead and Ceiling Hung Signage (10 14)

Note: Includes fabrication, delivery, installation, bolts and fasteners and drilling.

10 14 31 00-0001	Illuminated Signage (10 14 31)			
10 14 31 00-0002	Removal Of Sign Cabinets (10 14 31 00-0001)			
10 14 31 00-0003	EA	Removal Of Sign Cabinet, 1 To 4.9 SF		355.17
10 14 31 00-0004	EA	Removal Of Sign Cabinet, 5 To 9.9 SF		426.20
10 14 31 00-0005	EA	Removal Of Sign Cabinet, 10 To 19.9 SF		568.27
10 14 31 00-0006	EA	Removal Of Sign Cabinet, 20 To 29.9 SF		852.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 31 00-0007 EA Removal Of Sign Cabinet, >30 SF.....	1,136.35	
10 14 31 00-0008 Fabricate And Install New Sign Cabinets (10 14 31 00-0001)		
10 14 31 00-0009 SF 1 To 4.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	342.03	
For >5 To 11 Per Each Sign, Deduct	-17.10	
For >11 To 20 Per Each Sign, Deduct	-25.65	
For >20 Per Each Sign, Deduct	-34.20	
10 14 31 00-0010 SF 5 To 9.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	283.96	
For >5 To 11 Per Each Sign, Deduct	-14.20	
For >11 To 20 Per Each Sign, Deduct	-21.30	
For >20 Per Each Sign, Deduct	-28.40	
10 14 31 00-0011 SF 10 To 19.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	231.80	
For >5 To 11 Per Each Sign, Deduct	-11.59	
For >11 To 20 Per Each Sign, Deduct	-17.39	
For >20 Per Each Sign, Deduct	-23.18	
10 14 31 00-0012 SF 20 To 29.9 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	208.64	
For >5 To 11 Per Each Sign, Deduct	-10.43	
For >11 To 20 Per Each Sign, Deduct	-15.65	
For >20 Per Each Sign, Deduct	-20.86	
10 14 31 00-0013 SF =>30 SF, Illuminated Sign Cabinet, Overhead/Ceiling Hung	191.23	
For >5 To 11 Per Each Sign, Deduct	-9.56	
For >11 To 20 Per Each Sign, Deduct	-14.34	
For >20 Per Each Sign, Deduct	-19.12	
10 14 31 00-0014 Fabricate And Install New Sign Face, Material And Legend (10 14 31 00-0001)		
10 14 31 00-0015 SF 1 To 4.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	34.21	
For >5 To 11 Per Each Sign, Deduct	-1.71	
For >11 To 20 Per Each Sign, Deduct	-2.57	
For >20 Per Each Sign, Deduct	-3.42	
10 14 31 00-0016 SF 5 To 9.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	27.37	
For >5 To 11 Per Each Sign, Deduct	-1.37	
For >11 To 20 Per Each Sign, Deduct	-2.05	
For >20 Per Each Sign, Deduct	-2.74	
10 14 31 00-0017 SF 10 To 19.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	22.80	
For >5 To 11 Per Each Sign, Deduct	-1.14	
For >11 To 20 Per Each Sign, Deduct	-1.71	
For >20 Per Each Sign, Deduct	-2.28	
10 14 31 00-0018 SF 20 To 29.9 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend.....	19.37	
For >5 To 11 Per Each Sign, Deduct	-0.97	
For >11 To 20 Per Each Sign, Deduct	-1.45	
For >20 Per Each Sign, Deduct	-1.94	
10 14 31 00-0019 SF =>30 SF, Illuminated Sign Face, Overhead/Ceiling Hung, Material And Legend	17.10	
For >5 To 11 Per Each Sign, Deduct	-0.86	
For >11 To 20 Per Each Sign, Deduct	-1.28	
For >20 Per Each Sign, Deduct	-1.71	
10 14 43 Photoluminescent Signage (10 14)		
10 14 43 00-0001 Photoluminescent Illuminated Signage (10 14 43)		
10 14 43 00-0002 EA 4-1/2" x 8" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	57.69	10.28
For >25 To 50, Deduct	-3.71	
For >50 To 100, Deduct	-9.29	
For >100, Deduct	-11.14	
10 14 43 00-0003 EA 4-1/2" x 13" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	63.73	10.28
For >25 To 50, Deduct	-4.32	
For >50 To 100, Deduct	-10.80	
For >100, Deduct	-12.95	
10 14 43 00-0004 EA 8" x 10" Photoluminescent Directional Sign, Adhesive Backed Vinyl, Surface Mount	72.03	10.28
For >25 To 50, Deduct	-5.15	
For >50 To 100, Deduct	-12.87	
For >100, Deduct	-15.44	
10 14 53 Traffic Signage (10 14)		
10 14 53 11 Traffic Signage (10 14 53)		
10 14 53 11-0001 Traffic Signs (10 14 53 11)		
10 14 53 11-0002 ReflectORIZED Stop Signs And Other Traffic Signs (10 14 53 11-0001)		
Note: Excludes posts.		
10 14 53 11-0003 Aluminum Engineer Grade Stop Signs (10 14 53 11-0002)		
10 14 53 11-0004 EA 18" x 18" Aluminum Engineer Grade Stop Sign	67.89	18.49
For Hi-Intensity Grade, Add	9.27	
For Diamond Grade, Add	17.61	
10 14 53 11-0005 EA 18" x 24" Aluminum Engineer Grade Stop Sign	79.45	19.56
For Hi-Intensity Grade, Add	12.12	
For Diamond Grade, Add	23.03	
10 14 53 11-0006 EA 24" x 24" Aluminum Engineer Grade Stop Sign	86.26	20.55
For Hi-Intensity Grade, Add	18.52	
For Diamond Grade, Add	29.35	

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0007	EA		30" x 30" Aluminum Engineer Grade Stop Sign.....	101.00	21.61
			<i>For Hi-Intensity Grade, Add</i>	6.94	
			<i>For Diamond Grade, Add</i>	37.60	
10 14 53 11-0008	EA		36" x 36" Aluminum Engineer Grade Stop Sign.....	137.91	22.61
			<i>For Hi-Intensity Grade, Add</i>	20.39	
			<i>For Diamond Grade, Add</i>	63.96	
10 14 53 11-0009			Steel Engineer Grade Stop Signs (10 14 53 11-0002)		
10 14 53 11-0010	EA		18" x 18" Reflective Steel Stop Sign, Engineering Grade.....	102.52	18.49
10 14 53 11-0011	EA		18" x 24" Reflective Steel Stop Sign, Engineering Grade.....	128.31	19.56
10 14 53 11-0012	EA		24" x 24" Reflective Steel Stop Sign, Engineering Grade.....	136.16	20.55
10 14 53 11-0013	EA		30" x 30" Reflective Steel Stop Sign, Engineering Grade.....	194.38	21.61
10 14 53 11-0014	EA		36" x 36" Reflective Steel Stop Sign, Engineering Grade.....	246.87	22.61
10 14 53 11-0015			Polyethylene Engineer Grade Stop Signs (10 14 53 11-0002)		
10 14 53 11-0016	EA		18" x 18" Reflective Polyethylene Stop Sign, Engineering Grade.....	104.95	18.49
10 14 53 11-0017	EA		18" x 24" Reflective Polyethylene Stop Sign, Engineering Grade.....	134.53	19.56
10 14 53 11-0018	EA		24" x 24" Reflective Polyethylene Stop Sign, Engineering Grade.....	148.40	20.55
10 14 53 11-0019	EA		30" x 30" Reflective Polyethylene Stop Sign, Engineering Grade.....	194.95	21.61
10 14 53 11-0020			Other Reflectorized Traffic Signs (10 14 53 11-0002)		
			Note: Other traffic signs includes reserve, handicap, visitor, no parking, property, speed limit, tow away, ADA, parking time limit, parking exclusive area, school, traffic/caution, etc. Excludes posts.		
10 14 53 11-0021			Aluminum Engineer Grade Traffic Signs (10 14 53 11-0020)		
10 14 53 11-0022	EA		6" x 12" Aluminum Engineer Grade Traffic Sign.....	40.53	16.44
			<i>For Hi-Intensity Grade, Add</i>	2.30	
10 14 53 11-0023	EA		6" x 18" Aluminum Engineer Grade Traffic Sign.....	44.36	16.44
			<i>For Hi-Intensity Grade, Add</i>	3.44	
10 14 53 11-0024	EA		9" x 12" Aluminum Engineer Grade Traffic Sign.....	44.36	16.44
			<i>For Hi-Intensity Grade, Add</i>	3.44	
10 14 53 11-0025	EA		9" x 15" Aluminum Engineer Grade Traffic Sign.....	47.23	16.44
			<i>For Hi-Intensity Grade, Add</i>	4.31	
10 14 53 11-0026	EA		9" x 18" Aluminum Engineer Grade Traffic Sign.....	50.10	16.44
			<i>For Hi-Intensity Grade, Add</i>	5.17	
10 14 53 11-0027	EA		9" x 24" Aluminum Engineer Grade Traffic Sign.....	57.89	17.47
			<i>For Hi-Intensity Grade, Add</i>	6.89	
10 14 53 11-0028	EA		9" x 48" Aluminum Engineer Grade Traffic Sign.....	80.86	17.47
			<i>For Hi-Intensity Grade, Add</i>	13.78	
10 14 53 11-0029	EA		12" x 12" Aluminum Engineer Grade Traffic Sign.....	48.19	16.44
			<i>For Hi-Intensity Grade, Add</i>	4.59	
10 14 53 11-0030	EA		12" x 18" Aluminum Engineer Grade Traffic Sign.....	57.89	17.47
			<i>For Hi-Intensity Grade, Add</i>	6.89	
10 14 53 11-0031	EA		12" x 24" Aluminum Engineer Grade Traffic Sign.....	65.55	17.47
			<i>For Hi-Intensity Grade, Add</i>	9.19	
10 14 53 11-0032	EA		12" x 30" Aluminum Engineer Grade Traffic Sign.....	73.20	17.47
			<i>For Hi-Intensity Grade, Add</i>	11.48	
10 14 53 11-0033	EA		12" x 36" Aluminum Engineer Grade Traffic Sign.....	80.86	17.47
			<i>For Hi-Intensity Grade, Add</i>	13.78	
10 14 53 11-0034	EA		17" x 22" Aluminum Engineer Grade Traffic Sign.....	74.69	17.47
			<i>For Hi-Intensity Grade, Add</i>	11.93	
10 14 53 11-0035	EA		18" x 18" Aluminum Engineer Grade Traffic Sign.....	69.37	17.47
			<i>For Hi-Intensity Grade, Add</i>	10.33	
10 14 53 11-0036	EA		18" x 24" Aluminum Engineer Grade Traffic Sign.....	80.86	17.47
			<i>For Hi-Intensity Grade, Add</i>	13.78	
10 14 53 11-0037	EA		18" x 30" Aluminum Engineer Grade Traffic Sign.....	94.40	18.49
			<i>For Hi-Intensity Grade, Add</i>	17.22	
10 14 53 11-0038	EA		18" x 36" Aluminum Engineer Grade Traffic Sign.....	105.88	18.49
			<i>For Hi-Intensity Grade, Add</i>	20.67	
10 14 53 11-0039	EA		18" x 48" Aluminum Engineer Grade Traffic Sign.....	137.06	22.61
			<i>For Hi-Intensity Grade, Add</i>	27.56	
10 14 53 11-0040	EA		18" x 54" Aluminum Engineer Grade Traffic Sign.....	148.54	22.61
			<i>For Hi-Intensity Grade, Add</i>	31.00	
10 14 53 11-0041	EA		24" x 24" Aluminum Engineer Grade Traffic Sign.....	98.22	18.49
			<i>For Hi-Intensity Grade, Add</i>	18.37	
10 14 53 11-0042	EA		24" x 30" Aluminum Engineer Grade Traffic Sign.....	113.53	18.49
			<i>For Hi-Intensity Grade, Add</i>	22.96	
10 14 53 11-0043	EA		24" x 36" Aluminum Engineer Grade Traffic Sign.....	128.84	18.49
			<i>For Hi-Intensity Grade, Add</i>	27.56	
10 14 53 11-0044	EA		24" x 42" Aluminum Engineer Grade Traffic Sign.....	152.37	22.61
			<i>For Hi-Intensity Grade, Add</i>	32.15	
10 14 53 11-0045	EA		24" x 48" Aluminum Engineer Grade Traffic Sign.....	167.68	22.61
			<i>For Hi-Intensity Grade, Add</i>	36.74	
10 14 53 11-0046	EA		24" x 54" Aluminum Engineer Grade Traffic Sign.....	182.99	22.61
			<i>For Hi-Intensity Grade, Add</i>	41.33	
10 14 53 11-0047	EA		24" x 60" Aluminum Engineer Grade Traffic Sign.....	198.29	22.61
			<i>For Hi-Intensity Grade, Add</i>	45.92	
10 14 53 11-0048	EA		30" x 30" Aluminum Engineer Grade Traffic Sign.....	132.67	18.49
			<i>For Hi-Intensity Grade, Add</i>	28.70	
10 14 53 11-0049	EA		30" x 36" Aluminum Engineer Grade Traffic Sign.....	160.02	22.61
			<i>For Hi-Intensity Grade, Add</i>	34.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0050	EA		30" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	179.16 40.19	22.61
10 14 53 11-0051	EA		30" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	206.50 45.92	26.71
10 14 53 11-0052	EA		30" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	253.01 57.41	30.83
10 14 53 11-0053	EA		36" x 36" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	182.99 41.33	22.61
10 14 53 11-0054	EA		36" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	214.16 48.22	26.71
10 14 53 11-0055	EA		36" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	245.35 55.11	30.83
10 14 53 11-0056	EA		36" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	268.31 62.00	30.83
10 14 53 11-0057	EA		36" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	299.50 68.89	34.93
10 14 53 11-0058	EA		36" x 73" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	357.47 83.81	39.04
10 14 53 11-0059	EA		36" x 78" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	376.61 89.56	39.04
10 14 53 11-0060	EA		36" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	503.75 124.00	45.21
10 14 53 11-0061	EA		42" x 42" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	249.18 56.26	30.83
10 14 53 11-0062	EA		48" x 48" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	314.81 73.48	34.93
10 14 53 11-0063	EA		48" x 54" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	353.64 82.67	39.04
10 14 53 11-0064	EA		48" x 60" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	384.26 91.85	39.04
10 14 53 11-0065	EA		48" x 66" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	427.21 101.04	45.21
10 14 53 11-0066	EA		48" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	457.82 110.22	45.21
10 14 53 11-0067	EA		48" x 84" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	527.28 128.59	49.32
10 14 53 11-0068	EA		48" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	588.51 146.96	49.32
10 14 53 11-0069	EA		48" x 102" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	619.13 156.15	49.32
10 14 53 11-0070	EA		48" x 108" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	653.85 165.33	51.38
10 14 53 11-0071	EA		60" x 72" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	557.89 137.78	49.32
10 14 53 11-0072	EA		72" x 144" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	1,233.72 330.66	65.76
10 14 53 11-0073	EA		78" x 96" Aluminum Engineer Grade Traffic Sign <i>For Hi-Intensity Grade, Add</i>	898.78 238.81	51.38
10 14 53 11-0074			Polyethylene Engineer Grade Traffic Signs (10 14 53 11-0020)		
10 14 53 11-0075	EA		6" x 12" Reflective Polyethylene Traffic Sign <i>For Hi-Intensity Grade, Add</i>	73.31	15.45
10 14 53 11-0076	EA		12" x 12" Reflective Polyethylene Traffic Sign <i>For Hi-Intensity Grade, Add</i>	83.57	16.44
10 14 53 11-0077	EA		12" x 18" Reflective Polyethylene Traffic Sign <i>For Hi-Intensity Grade, Add</i>	89.50	17.51
10 14 53 11-0078	EA		18" x 18" Reflective Polyethylene Traffic Sign <i>For Hi-Intensity Grade, Add</i>	108.55	18.49
10 14 53 11-0079	EA		18" x 24" Reflective Polyethylene Traffic Sign <i>For Hi-Intensity Grade, Add</i>	134.53	19.56
10 14 53 11-0080	EA		24" x 24" Reflective Polyethylene Traffic Sign <i>For Hi-Intensity Grade, Add</i>	151.54	19.56
10 14 53 11-0081			Non-Reflectorized Traffic Signs (10 14 53 11-0001)		
			Note: Includes reserved parking, handicap parking, visitor parking, no parking, tow away zones, etc. Excludes posts.		
10 14 53 11-0082			Steel Non-Reflectorized Traffic Signs (10 14 53 11-0081)		
10 14 53 11-0083	EA		6" x 12" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	39.50	16.44
10 14 53 11-0084	EA		6" x 18" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	42.81	16.44
10 14 53 11-0085	EA		9" x 12" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	42.81	16.44
10 14 53 11-0086	EA		9" x 15" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	45.29	16.44
10 14 53 11-0087	EA		9" x 18" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	47.77	16.44
10 14 53 11-0088	EA		9" x 24" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	54.78	17.47
10 14 53 11-0089	EA		9" x 48" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	74.63	17.47
10 14 53 11-0090	EA		12" x 12" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	46.11	16.44
10 14 53 11-0091	EA		12" x 18" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	54.78	17.47
10 14 53 11-0092	EA		12" x 24" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	61.40	17.47
10 14 53 11-0093	EA		12" x 30" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	68.02	17.47
10 14 53 11-0094	EA		12" x 36" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	74.63	17.47
10 14 53 11-0095	EA		18" x 18" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	64.71	17.47
10 14 53 11-0096	EA		18" x 24" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	74.63	17.47
10 14 53 11-0097	EA		18" x 30" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	86.62	18.49
10 14 53 11-0098	EA		18" x 36" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	96.54	18.49
10 14 53 11-0099	EA		18" x 48" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	124.61	22.61
10 14 53 11-0100	EA		18" x 54" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	134.54	22.61
10 14 53 11-0101	EA		24" x 24" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	89.93	18.49
10 14 53 11-0102	EA		24" x 30" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	103.16	18.49
10 14 53 11-0103	EA		24" x 36" Steel Non-Reflectorized Traffic Sign <i>For Hi-Intensity Grade, Add</i>	116.39	18.49

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

10 14 53 11-0104	EA	24" x 42" Steel Non-Reflectorized Traffic Sign	137.85	22.61
10 14 53 11-0105	EA	24" x 48" Steel Non-Reflectorized Traffic Sign	151.08	22.61
10 14 53 11-0106	EA	24" x 54" Steel Non-Reflectorized Traffic Sign	164.32	22.61
10 14 53 11-0107	EA	24" x 60" Steel Non-Reflectorized Traffic Sign	177.55	22.61
10 14 53 11-0108	EA	30" x 30" Steel Non-Reflectorized Traffic Sign	119.70	18.49
10 14 53 11-0109	EA	30" x 36" Steel Non-Reflectorized Traffic Sign	144.47	22.61
10 14 53 11-0110	EA	30" x 42" Steel Non-Reflectorized Traffic Sign	161.01	22.61
10 14 53 11-0111	EA	30" x 48" Steel Non-Reflectorized Traffic Sign	185.76	26.71
10 14 53 11-0112	EA	30" x 60" Steel Non-Reflectorized Traffic Sign	227.08	30.83
10 14 53 11-0113	EA	36" x 36" Steel Non-Reflectorized Traffic Sign	164.32	22.61
10 14 53 11-0114	EA	36" x 42" Steel Non-Reflectorized Traffic Sign	192.38	26.71
10 14 53 11-0115	EA	36" x 48" Steel Non-Reflectorized Traffic Sign	220.46	30.83
10 14 53 11-0116	EA	36" x 54" Steel Non-Reflectorized Traffic Sign	240.31	30.83
10 14 53 11-0117	EA	36" x 60" Steel Non-Reflectorized Traffic Sign	268.38	34.93
10 14 53 11-0118	EA	36" x 73" Steel Non-Reflectorized Traffic Sign	319.61	39.04
10 14 53 11-0119	EA	36" x 78" Steel Non-Reflectorized Traffic Sign	336.16	39.04
10 14 53 11-0120	EA	36" x 108" Steel Non-Reflectorized Traffic Sign	447.74	45.21
10 14 53 11-0121	EA	42" x 42" Steel Non-Reflectorized Traffic Sign	223.77	30.83
10 14 53 11-0122	EA	48" x 48" Steel Non-Reflectorized Traffic Sign	281.62	34.93
10 14 53 11-0123	EA	48" x 54" Steel Non-Reflectorized Traffic Sign	316.30	39.04
10 14 53 11-0124	EA	48" x 60" Steel Non-Reflectorized Traffic Sign	342.77	39.04
10 14 53 11-0125	EA	48" x 66" Steel Non-Reflectorized Traffic Sign	381.57	45.21
10 14 53 11-0126	EA	48" x 72" Steel Non-Reflectorized Traffic Sign	408.04	45.21
10 14 53 11-0127	EA	48" x 84" Steel Non-Reflectorized Traffic Sign	469.20	49.32
10 14 53 11-0128	EA	48" x 96" Steel Non-Reflectorized Traffic Sign	522.13	49.32
10 14 53 11-0129	EA	48" x 102" Steel Non-Reflectorized Traffic Sign	548.60	49.32
10 14 53 11-0130	EA	48" x 108" Steel Non-Reflectorized Traffic Sign	579.17	51.38
10 14 53 11-0131	EA	60" x 72" Steel Non-Reflectorized Traffic Sign	495.66	49.32
10 14 53 11-0132	EA	72" x 144" Steel Non-Reflectorized Traffic Sign	1,084.37	65.76
10 14 53 11-0133	EA	78" x 96" Steel Non-Reflectorized Traffic Sign	790.92	51.38

10 14 53 11-0134 Aluminum Non-Reflectorized Traffic Signs (10 14 53 11-0081)

10 14 53 11-0135	EA	6" x 12" Aluminum Non-Reflectorized Traffic Sign	39.77	16.44
10 14 53 11-0136	EA	6" x 18" Aluminum Non-Reflectorized Traffic Sign	43.21	16.44
10 14 53 11-0137	EA	9" x 12" Aluminum Non-Reflectorized Traffic Sign	43.21	16.44
10 14 53 11-0138	EA	9" x 15" Aluminum Non-Reflectorized Traffic Sign	45.79	16.44
10 14 53 11-0139	EA	9" x 18" Aluminum Non-Reflectorized Traffic Sign	48.38	16.44
10 14 53 11-0140	EA	9" x 24" Aluminum Non-Reflectorized Traffic Sign	55.59	17.47
10 14 53 11-0141	EA	9" x 48" Aluminum Non-Reflectorized Traffic Sign	76.25	17.47
10 14 53 11-0142	EA	12" x 12" Aluminum Non-Reflectorized Traffic Sign	46.65	16.44
10 14 53 11-0143	EA	12" x 18" Aluminum Non-Reflectorized Traffic Sign	55.59	17.47
10 14 53 11-0144	EA	12" x 24" Aluminum Non-Reflectorized Traffic Sign	62.48	17.47
10 14 53 11-0145	EA	12" x 30" Aluminum Non-Reflectorized Traffic Sign	69.36	17.47
10 14 53 11-0146	EA	12" x 36" Aluminum Non-Reflectorized Traffic Sign	76.25	17.47
10 14 53 11-0147	EA	18" x 18" Aluminum Non-Reflectorized Traffic Sign	65.92	17.47
10 14 53 11-0148	EA	18" x 24" Aluminum Non-Reflectorized Traffic Sign	76.25	17.47
10 14 53 11-0149	EA	18" x 30" Aluminum Non-Reflectorized Traffic Sign	88.64	18.49
10 14 53 11-0150	EA	18" x 36" Aluminum Non-Reflectorized Traffic Sign	98.97	18.49
10 14 53 11-0151	EA	18" x 48" Aluminum Non-Reflectorized Traffic Sign	127.85	22.61
10 14 53 11-0152	EA	18" x 54" Aluminum Non-Reflectorized Traffic Sign	138.18	22.61
10 14 53 11-0153	EA	24" x 24" Aluminum Non-Reflectorized Traffic Sign	92.08	18.49
10 14 53 11-0154	EA	24" x 30" Aluminum Non-Reflectorized Traffic Sign	105.86	18.49
10 14 53 11-0155	EA	24" x 36" Aluminum Non-Reflectorized Traffic Sign	119.63	18.49
10 14 53 11-0156	EA	24" x 42" Aluminum Non-Reflectorized Traffic Sign	141.62	22.61
10 14 53 11-0157	EA	24" x 48" Aluminum Non-Reflectorized Traffic Sign	155.40	22.61
10 14 53 11-0158	EA	24" x 54" Aluminum Non-Reflectorized Traffic Sign	169.17	22.61
10 14 53 11-0159	EA	24" x 60" Aluminum Non-Reflectorized Traffic Sign	182.94	22.61
10 14 53 11-0160	EA	30" x 30" Aluminum Non-Reflectorized Traffic Sign	123.07	18.49
10 14 53 11-0161	EA	30" x 36" Aluminum Non-Reflectorized Traffic Sign	148.51	22.61
10 14 53 11-0162	EA	30" x 42" Aluminum Non-Reflectorized Traffic Sign	165.73	22.61
10 14 53 11-0163	EA	30" x 48" Aluminum Non-Reflectorized Traffic Sign	191.15	26.71
10 14 53 11-0164	EA	30" x 60" Aluminum Non-Reflectorized Traffic Sign	233.82	30.83
10 14 53 11-0165	EA	36" x 36" Aluminum Non-Reflectorized Traffic Sign	169.17	22.61
10 14 53 11-0166	EA	36" x 42" Aluminum Non-Reflectorized Traffic Sign	198.04	26.71
10 14 53 11-0167	EA	36" x 48" Aluminum Non-Reflectorized Traffic Sign	226.93	30.83
10 14 53 11-0168	EA	36" x 54" Aluminum Non-Reflectorized Traffic Sign	247.59	30.83
10 14 53 11-0169	EA	36" x 60" Aluminum Non-Reflectorized Traffic Sign	276.47	34.93
10 14 53 11-0170	EA	36" x 73" Aluminum Non-Reflectorized Traffic Sign	329.46	39.04
10 14 53 11-0171	EA	36" x 78" Aluminum Non-Reflectorized Traffic Sign	346.67	39.04
10 14 53 11-0172	EA	36" x 108" Aluminum Non-Reflectorized Traffic Sign	462.30	45.21
10 14 53 11-0173	EA	42" x 42" Aluminum Non-Reflectorized Traffic Sign	230.38	30.83
10 14 53 11-0174	EA	48" x 48" Aluminum Non-Reflectorized Traffic Sign	290.25	34.93
10 14 53 11-0175	EA	48" x 54" Aluminum Non-Reflectorized Traffic Sign	326.01	39.04
10 14 53 11-0176	EA	48" x 60" Aluminum Non-Reflectorized Traffic Sign	353.56	39.04
10 14 53 11-0177	EA	48" x 66" Aluminum Non-Reflectorized Traffic Sign	393.44	45.21
10 14 53 11-0178	EA	48" x 72" Aluminum Non-Reflectorized Traffic Sign	420.98	45.21
10 14 53 11-0179	EA	48" x 84" Aluminum Non-Reflectorized Traffic Sign	484.30	49.32
10 14 53 11-0180	EA	48" x 96" Aluminum Non-Reflectorized Traffic Sign	539.39	49.32
10 14 53 11-0181	EA	48" x 102" Aluminum Non-Reflectorized Traffic Sign	566.94	49.32
10 14 53 11-0182	EA	48" x 108" Aluminum Non-Reflectorized Traffic Sign	598.59	51.38
10 14 53 11-0183	EA	60" x 72" Aluminum Non-Reflectorized Traffic Sign	511.84	49.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0184 EA 72" x 144" Aluminum Non-Reflectorized Traffic Sign.....	1,123.20	65.76
10 14 53 11-0185 EA 78" x 96" Aluminum Non-Reflectorized Traffic Sign.....	818.96	51.38
10 14 53 11-0186 Polyethylene Non-Reflectorized Traffic Signs (10 14 53 11-0081)		
10 14 53 11-0187 EA 6" x 12" Non-Reflective Polyethylene Traffic Sign	61.33	15.45
10 14 53 11-0188 EA 12" x 12" Non-Reflective Polyethylene Traffic Sign	67.15	16.44
10 14 53 11-0189 EA 12" x 18" Non-Reflective Polyethylene Traffic Sign	72.37	17.51
10 14 53 11-0190 EA 18" x 18" Non-Reflective Polyethylene Traffic Sign	96.31	18.49
10 14 53 11-0191 EA 18" x 24" Non-Reflective Polyethylene Traffic Sign	103.27	19.56
10 14 53 11-0192 EA 24" x 24" Non-Reflective Polyethylene Traffic Sign	120.31	20.55
10 14 53 11-0193 Signs For Overhead Sign Structures (10 14 53 11-0001)		
Note: Including horizontal Z-bars.		
10 14 53 11-0194 SF From 30 To 360 SF Signs For Overhead Sign Structures	25.00	
For Over 10' High, Add 13.00		
10 14 53 11-0195 VLF Vertical Sign Hangers For Overhead Sign Structures, Per Hanger	32.50	
Note: Includes U-bolts, vertical aluminum Z-bars, clip angles and stainless steel hardware.		
10 14 53 11-0196 Flashing Beacon (10 14 53 11-0001)		
10 14 53 11-0197 EA Flashing Beacon Assembly	1,274.84	174.13
10 14 53 11-0198 Aluminum Street Signs (10 14 53 11-0001)		
Note: Excludes posts.		
10 14 53 11-0199 Aluminum Engineer Grade Street Signs (10 14 53 11-0186)		
10 14 53 11-0200 EA 6" High, Aluminum Engineer Grade Street Sign	79.74	8.22
For Hi-Intensity Grade, Add 18.99		
10 14 53 11-0201 EA 8" High, Aluminum Engineer Grade Street Sign	90.91	8.22
For Hi-Intensity Grade, Add 22.34		
10 14 53 11-0202 EA 9" High, Aluminum Engineer Grade Street Sign	99.23	8.22
For Hi-Intensity Grade, Add 24.84		
10 14 53 11-0203 Street Sign Accessories (10 14 53 11-0198)		
10 14 53 11-0204 EA Single Bracket And Post Cap For Street Sign	23.45	4.11
10 14 53 11-0205 EA Double Bracket And Post Cap For Street Sign	23.45	4.11
10 14 53 11-0206 Sign Posts (10 14 53 11-0001)		
Note: Excludes sign. See CSI section 32 31 13 13-0001 for auguring of holes and backfill.		
10 14 53 11-0207 U-Channel Sign Posts (10 14 53 11-0206)		
Note: Excludes digging and concrete.		
10 14 53 11-0208 Baked Enamel U-Channel Sign Posts (10 14 53 11-0207)		
10 14 53 11-0209 EA 3' To 4' Baked Enamel U-Channel Sign Post Base	60.09	16.84
10 14 53 11-0210 EA 6' Baked Enamel U-Channel Sign Post	79.24	21.04
10 14 53 11-0211 EA 7' Baked Enamel U-Channel Sign Post	94.57	25.25
10 14 53 11-0212 EA 8' Baked Enamel U-Channel Sign Post	110.77	29.46
10 14 53 11-0213 EA 10' Baked Enamel U-Channel Sign Post	133.58	35.78
10 14 53 11-0214 EA 12' Baked Enamel U-Channel Sign Post	137.81	35.78
10 14 53 11-0215 Galvanized Steel U-Channel Sign Posts (10 14 53 11-0207)		
10 14 53 11-0216 EA 3' To 4' Galvanized Steel U-Channel Sign Post Base.....	65.53	16.84
10 14 53 11-0217 EA 6' Galvanized Steel U-Channel Sign Post.....	87.88	21.04
10 14 53 11-0218 EA 7' Galvanized Steel U-Channel Sign Post.....	114.12	25.25
10 14 53 11-0219 EA 8' Galvanized Steel U-Channel Sign Post.....	132.38	29.46
10 14 53 11-0220 EA 10' Galvanized Steel U-Channel Sign Post.....	149.31	35.78
10 14 53 11-0221 EA 12' Galvanized Steel U-Channel Sign Post.....	151.50	35.78
10 14 53 11-0222 Fiberglass Or Composite Plastic U-Channel Sign Posts (10 14 53 11-0207)		
10 14 53 11-0223 EA 3' To 4' Fiberglass Or Composite Plastic U-Channel Sign Post Base.....	58.81	16.84
10 14 53 11-0224 EA 6' Fiberglass Or Composite Plastic U-Channel Sign Post.....	76.45	21.04
10 14 53 11-0225 EA 7' Fiberglass Or Composite Plastic U-Channel Sign Post.....	91.20	25.25
10 14 53 11-0226 EA 8' Fiberglass Or Composite Plastic U-Channel Sign Post.....	106.75	29.46
10 14 53 11-0227 EA 10' Fiberglass Or Composite Plastic U-Channel Sign Post.....	126.29	35.78
10 14 53 11-0228 EA 12' Fiberglass Or Composite Plastic U-Channel Sign Post.....	133.49	35.78
10 14 53 11-0229 Tubular Sign Posts (10 14 53 11-0206)		
Note: Excludes digging and concrete.		
10 14 53 11-0230 2-3/8" Diameter, Galvanized Steel Tubular Sign Post (10 14 53 11-0229)		
10 14 53 11-0231 EA 6', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	88.78	21.04
10 14 53 11-0232 EA 7', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	105.25	25.25
10 14 53 11-0233 EA 8', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	124.46	29.46
10 14 53 11-0234 EA 10', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	161.13	35.78

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 14 53 11-0235	EA	12', 2-3/8" Diameter, Galvanized Steel Tubular Sign Post.....	175.97		35.78
10 14 53 11-0236		Square Sign Posts (10 14 53 11-0206) Note: Excludes digging and concrete.			
10 14 53 11-0237		Galvanized Steel Square Sign Posts (10 14 53 11-0236)			
10 14 53 11-0238	EA	3' To 4' Galvanized Steel Square Sign Post Base	66.74		16.84
10 14 53 11-0239	EA	6' Galvanized Steel Square Sign Post.....	108.35		21.04
10 14 53 11-0240	EA	7' Galvanized Steel Square Sign Post	126.86		25.25
10 14 53 11-0241	EA	8' Galvanized Steel Square Sign Post	147.97		29.46
10 14 53 11-0242	EA	10' Galvanized Steel Square Sign Post	180.75		35.78
10 14 53 11-0243	EA	12' Galvanized Steel Square Sign Post	191.11		35.78
10 14 53 11-0244		Standard Driven Street Sign Posts, Square (10 14 53 11-0206)			
10 14 53 11-0245	EA	12' x 2" Square 12 Gauge Galvanized Steel Sign Post With 1'-6" x 2-1/2" Square Sleeve And 2'-6" x 2-1/4" Square Anchor Driven Into Earth.....	230.73		35.78
10 14 53 11-0246		Other Sign Posts And Bases (10 14 53 11-0001) Note: For breakaway post systems, base posts are driven in, sign posts bolted to base post using lap splice hardware kit.			
10 14 53 11-0247		2.5 LB/FT Breakaway Sign Posts And Base Posts (10 14 53 11-0246)			
10 14 53 11-0248		Base Posts, 2.5 LB/LF, For Breakaway Sign Posts (10 14 53 11-0247)			
10 14 53 11-0249	EA	Base Post for 2.5 LB/LF Breakaway Sign Post.....	88.94		20.55
10 14 53 11-0250	EA	Lap Splice Hardware For 2.5 LB/LF Breakaway Sign Post.....	56.06		16.44
10 14 53 11-0251		Breakaway Sign Posts, 2.5 LB/LF (10 14 53 11-0247)			
10 14 53 11-0252	LF	2.5 LB/LF Breakaway Sign Post	11.83		2.06
10 14 53 11-0253		4 LB/FT Breakaway Sign Posts And Base Posts (10 14 53 11-0246)			
10 14 53 11-0254		Base Posts, 4 LB/LF, For Breakaway Sign Posts (10 14 53 11-0253)			
10 14 53 11-0255	EA	Base Post For 4 LB/LF Breakaway Sign Post.....	93.34		24.65
10 14 53 11-0256	EA	Lap Splice Hardware for 4 LB/LF Breakaway Sign Post	56.06		16.44
10 14 53 11-0257		Breakaway Sign Posts, 4 LB/LF (10 14 53 11-0253)			
10 14 53 11-0258	LF	4 LB/LF Breakaway Sign Post	14.56		2.06
10 14 53 11-0259		Driven Sign Posts (10 14 53 11-0246)			
10 14 53 11-0260		Driven Posts, 2.5 LB/LF (10 14 53 11-0259)			
10 14 53 11-0261	LF	2.5 LB/LF Driven Post.....	12.65		2.88
10 14 53 11-0262		Driven Posts, 4 LB/LF (10 14 53 11-0259)			
10 14 53 11-0263	LF	4 LB/LF Driven Post.....	15.79		3.29
10 14 53 11-0264		Omni-Directional Breakaway System For Sign Posts And Light Poles (10 14 53 11-0246)			
10 14 53 11-0265		Omni-Directional Breakaway Systems For Signs (10 14 53 11-0264) Note: Break-Safe as manufactured by Trampo Industries. Tasks are organized by post type and size. Includes hinges, anchors, all associated parts and drilling.			
10 14 53 11-0266	EA	Omni-Directional Breakaway System For 6" To 8" Wide Flange (Trampo B525).....	1,387.94		
10 14 53 11-0267	EA	Omni-Directional Breakaway System For 10" To 21" Wide Flange (Trampo B650).....	1,478.84		
10 14 53 11-0268	EA	Omni-Directional Breakaway System For Standard I Beam Or W6x9 Flange (Trampo A14 And A16).....	1,013.86		
10 14 53 11-0269	EA	Omni-Directional Breakaway System For 3" To 4.5" Outside Diameter Pipe (Trampo A3 And A4.5)	888.00		
10 14 53 11-0270	EA	Omni-Directional Breakaway System For Square Tube (Trampo AS3 And AS4)	1,006.86		
10 14 53 11-0271	EA	Omni-Directional Breakaway System For U-Channels (Trampo AU4 To AU6).....	957.93		
10 14 53 11-0272	EA	Omni-Directional Breakaway System For U-Channels Embedded (Trampo AUX4 To AUX6).....	1,038.34		
10 14 53 11-0273		Omni-Directional Breakaway Systems For Poles (10 14 53 11-0264) Note: Pole-Safe as Manufactured by Trampo Industries. Tasks are organized by bolt size. Includes four couplings, all associated parts, drilling and can be for new or for retro-fitting existing poles.			
10 14 53 11-0274	EA	Omni-Directional Breakaway System For Poles With 5/8" Couplings	465.83		
10 14 53 11-0275	EA	Omni-Directional Breakaway System For Poles With 3/4" Couplings	488.38		
10 14 53 11-0276	EA	Omni-Directional Breakaway System For Poles With 1" Couplings	507.15		
10 14 53 11-0277	EA	Omni-Directional Breakaway System For Poles With 1 1/4" Couplings	770.13		
10 14 53 11-0278	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 10" To Less Than 15".....	67.62		
10 14 53 11-0279	EA	Skirt For Omni-Directional Breakaway System For Poles With Bolt Circle Diameter Of 15" To 20"	90.16		
10 14 53 11-0280		Sign Post Accessories (10 14 53 11-0001)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 14 53 11-0281 Sign Post Brackets <small>(10 14 53 11-0280)</small>		
10 14 53 11-0282 EA 2-3/8" Outside Diameter, Single Side Sign Bracket Set..... Note: Includes 2 single side sign post brackets	46.97	6.16
10 14 53 11-0283 EA 2-3/8" Outside Diameter, Double Side Sign Bracket Set Note: Includes 2 double side sign post brackets	62.18	10.28
10 14 53 11-0284 EA 4" To 12" Diameter, Buckle Bracket Set Note: Includes 2 stainless steel straps, 2 brackets and fastener hardware	56.56	8.22
10 14 53 11-0285 Sign Post Caps <small>(10 14 53 11-0280)</small>		
10 14 53 11-0286 EA 2-3/8" Diameter, Galvanized, Flat Traffic Sign Post Cap (EC-2).....	21.14	4.11
10 14 53 11-0287 Sign Post Replacement Bolts <small>(10 14 53 11-0280)</small>		
10 14 53 11-0288 EA Signage Fasteners Replacement..... Note: Includes two 5/16" x 2" long bolts, two 5/16" nuts And four 5/16" washers	14.41	
10 14 53 11-0289 Removal Of Signs <small>(10 14 53 11)</small>		
Note: Includes structural supports.		
10 14 53 11-0290 EA >4 To 10 SF Sign Area, Sign Removal.....	164.39	
10 14 53 11-0291 EA >10 To 20 SF Sign Area, Sign Removal.....	394.54	
10 14 53 11-0292 EA >20 To 40 SF Sign Area, Sign Removal.....	591.81	
10 14 53 11-0293 EA >40 To 100 SF Sign Area, Sign Removal.....	1,006.24	
10 14 53 11-0294 Removal And Reinstallation Of Signs <small>(10 14 53 11)</small>		
Note: Includes structural supports.		
10 14 53 11-0295 EA >4 To 10 SF Sign Area, Removal And Reinstallation Of Sign.....	251.34	
10 14 53 11-0296 EA >10 To 20 SF Sign Area, Removal And Reinstallation Of Sign.....	595.20	
10 14 53 11-0297 EA >20 SF To 40 SF Sign Area, Removal And Reinstallation Of Sign.....	890.60	
10 14 53 11-0298 EA >40 SF To 100 SF Sign Area, Removal And Reinstallation Of Sign.....	1,512.03	
10 14 53 11-0299 EA Removal And Reinstallation Of Street Sign On Post.....	94.52	
10 14 53 11-0300 EA Removal And Relocation Of Traffic Light.....	350.77	
Note: Excludes electrical hookup.		
10 14 56 Bridge Signage <small>(10 14)</small>		
10 14 56 00-0001 Bridge And Truss Mounted Signs <small>(10 14 56)</small>		
10 14 56 00-0002 Removal Of Bridge And Truss Mounted Signs <small>(10 14 56 00-0001)</small>		
10 14 56 00-0003 CF Removal Of Foundation..... Note: Including Excavation	16.28	
10 14 56 00-0004 LF Removal Of Truss And Supports.....	218.76	
10 14 56 00-0005 SF Removal Of Sign Face.....	10.00	
10 14 56 00-0006 SF Removal Of Legend.....	16.67	
10 14 56 00-0007 EA Removal Of Changeable Message Panel.....	192.31	
10 14 56 00-0008 EA Removal Of Posts And Supports, Per Post.....	100.00	
10 14 56 00-0009 Fabricate And Install Bridge And Truss Mounted Signs <small>(10 14 56 00-0001)</small>		
10 14 56 00-0010 CY Foundation For Sign Excavation, Backfill, Compaction, Concrete, Rebar, Forms And Finish.....	580.42	
10 14 56 00-0011 LF Telescoping Steel Ground Posts.....	93.55	
10 14 56 00-0012 LF Overhead Steel Mounting Framework.....	1,645.79	
10 14 56 00-0013 LB Ground Mounted Steel Structure.....	6.51	
10 14 56 00-0014 Fabricate And Install New 12" Extruded Aluminum Channel <small>(10 14 56 00-0001)</small>		
Note: Includes reflective face with reflective legend.		
10 14 56 00-0015 SF 1 To 49.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	125.18	
10 14 56 00-0016 SF 50 To 99.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	111.66	
10 14 56 00-0017 SF 100 To 149.9 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	99.88	
10 14 56 00-0018 SF >150 SF, 12" Extruded Aluminum Channel Including Reflective Face With Reflective Legend.....	89.77	
10 14 56 00-0019 Fabricate And Install New Reflective Messages On Sign Face <small>(10 14 56 00-0001)</small>		
10 14 56 00-0020 One Color/3 Dimensional Demountable Letters <small>(10 14 56 00-0019)</small>		
10 14 56 00-0021 EA 6" Capital Height Letter.....	28.64	
10 14 56 00-0022 EA 8" Capital Height Letter.....	33.93	
10 14 56 00-0023 EA 10" Capital Height Letter.....	39.19	
10 14 56 00-0024 EA 12" Capital Height Letter.....	43.96	
10 14 56 00-0025 EA 14" Capital Height Letter.....	46.87	
10 14 56 00-0026 Two Color Legend Shields-Die Cut Vinyl Engineer Grade <small>(10 14 56 00-0019)</small>		
10 14 56 00-0027 EA 6" Legend/Shields.....	29.62	
10 14 56 00-0028 EA 8" Legend/Shields.....	35.24	
10 14 56 00-0029 EA 10" Legend/Shields.....	40.82	
10 14 56 00-0030 EA 12" Legend/Shields.....	45.92	
10 14 56 00-0031 EA 14" Legend/Shields.....	49.18	

10	10	Specialties
	10 10	Information Specialties
	10 14	Signage



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 14 56 00-0032 Fabricate And Install New Changeable Message Panel (10 14 56 00-0001)
 10 14 56 00-0033 SF One Color Hi-Intensity Die Cut Vinyl Letters on Demountable Panel..... 34.01

10 14 63 Electronic Message Signage (10 14)

10 14 63 00-0001 Dynamic Signs (10 14 63)
 10 14 63 00-0002 Programming/Software And Repair (10 14 63 00-0001)
 10 14 63 00-0003 HR Programming Message, Graphic Visuals, Movement Of Message, And Timing Of Visuals On Screen 172.58
 10 14 63 00-0004 HR Repair/Replacement Of Electronic Sign And Computer Components 107.86
 10 14 63 00-0005 HR Repair Flip Disks Or Light Source..... 107.86

10 14 63 00-0006 Fabricate And Install New Sign Cabinets (10 14 63 00-0001)
 10 14 63 00-0007 Cabinet For Flip Disk Display (10 14 63 00-0006)
 10 14 63 00-0008 SF 1 To 99 SF Cabinet..... 197.88
 10 14 63 00-0009 SF 100 To 200 SF Cabinet..... 162.42

10 14 63 00-0010 Fabricate And Install New Sign Face Components (10 14 63 00-0001)
 10 14 63 00-0011 Enhanced Flip Disk Display (10 14 63 00-0010)
 10 14 63 00-0012 EA Enhanced Flip Disk..... 145.58
 10 14 63 00-0013 SF Lexan Lens For Flip Disk Sign 57.67

10 14 63 00-0014 Disappearing Copy Sign (10 14 63 00-0010)
 10 14 63 00-0015 SF 1 To 49.9 SF, Disappearing Copy Sign..... 46.51
 10 14 63 00-0016 SF =>50 SF, Disappearing Copy Sign 33.51

10 14 63 00-0017 Fabricate And Install Transfer Lights And Signs (10 14 63 00-0001)
 10 14 63 00-0018 EA Passenger Transfer Signage 596.07

10 20 Interior Specialties (10)

10 21 Compartments and Cubicles (10 20)

10 21 13 Toilet Compartments (10 21)

10 21 13 13 Metal Toilet Compartments (10 21 13)

10 21 13 13-0001 Enamel Coated Steel Toilet Partitions And Urinal Screens (10 21 13 13)
 Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of galvanized sheet metal, cleaned, primed and finished with oven baked enamel or epoxy coating.

10 21 13 13-0002 Enamel Coated Steel Toilet Partitions (10 21 13 13-0001)
 Note: All colors.

10 21 13 13-0003 Floor Anchored, Enamel Coated Steel, Complete Toilet Partitions (10 21 13 13-0002)

10 21 13 13-0004 EA 36" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition..... 1,030.78 128.59
For >10, Deduct -77.36
For Heavy Gauge Full-Height SS Hinges And Brackets, Add 214.38
 10 21 13 13-0005 EA 60" x 60", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition 1,246.57 140.02
For Heavy Gauge Full-Height SS Hinges And Brackets, Add 214.38
 10 21 13 13-0006 EA 60" x 78", Floor Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition 1,331.36 145.74
For Heavy Gauge Full-Height SS Hinges And Brackets, Add 214.38

10 21 13 13-0007 Overhead Braced, Enamel Coated Steel, Complete Toilet Partitions (10 21 13 13-0002)

Note: Includes headrail.
 10 21 13 13-0008 EA 36" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition..... 1,073.23 157.17
For >10, Deduct -75.89
For Heavy Gauge Full-Height SS Hinges And Brackets, Add 214.38
 10 21 13 13-0009 EA 60" x 60", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition 1,246.76 168.60
For Heavy Gauge Full-Height SS Hinges And Brackets, Add 214.38
 10 21 13 13-0010 EA 60" x 78", Overhead Braced, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition 1,317.93 174.31
For Heavy Gauge Full-Height SS Hinges And Brackets, Add 214.38

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0011 Floor And Ceiling Anchored, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
Note: Excludes above ceiling steel.		
10 21 13 13-0012 EA 36" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,266.71	185.75
<i>For >10, Deduct</i>		
<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>		
10 21 13 13-0013 EA 60" x 60", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,476.78	197.18
<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>		
10 21 13 13-0014 EA 60" x 78", Floor And Ceiling Anchored, Enamel Coated Steel, One Compartment Corner Unit, Complete Americans With Disabilities Act Compliant Toilet Partition	1,551.12	202.89
<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>		
10 21 13 13-0015 Ceiling Hung, Enamel Coated Steel, Complete Toilet Partitions <small>(10 21 13 13-0002)</small>		
Note: Excludes above ceiling steel.		
10 21 13 13-0016 EA 36" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete Toilet Partition	1,224.28	214.32
<i>For >10, Deduct</i>		
<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>		
10 21 13 13-0017 EA 60" x 60", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,469.49	225.76
<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>		
10 21 13 13-0018 EA 60" x 78", Ceiling Hung, Enamel Coated Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	1,552.14	231.47
<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>		
10 21 13 13-0019 Enamel Coated Steel Urinal Screens <small>(10 21 13 13-0001)</small>		
Note: All colors.		
10 21 13 13-0020 Floor Anchored, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0021 EA 24" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	545.83	79.99
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0022 EA 36" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	605.04	85.69
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0023 EA 48" x 58" x 1", Floor Anchored, Enamel Coated Steel, Urinal Screen	666.07	91.41
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0024 Wall Hung, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0025 EA 18" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	309.83	68.55
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0026 EA 24" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	334.13	74.27
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0027 EA 30" x 42" x 1", Wall Hung, Enamel Coated Steel, Urinal Screen	352.89	79.99
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0028 Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0029 EA 18" x 30" x 1", Wall Hung, Wedge Shaped, Enamel Coated Steel, Urinal Screen	400.20	74.27
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0030 Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0031 EA 18" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	448.05	74.27
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0032 EA 24" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	477.85	79.99
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0033 EA 30" x 58" x 1", Wall Hung And Post Supported, Enamel Coated Steel, Urinal Screen	507.65	85.69
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0034 Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screens <small>(10 21 13 13-0019)</small>		
10 21 13 13-0035 EA 22" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	505.40	79.99
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0036 EA 34" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	542.57	85.69
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0037 EA 46" x 58" x 1", Wall Hung And Overhead Braced, Enamel Coated Steel, Urinal Screen	599.93	91.41
<i>For Heavy Gauge Full-Height SS Brackets, Add</i>		
10 21 13 13-0038 Enamel Coated Steel Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 13-0001)</small>		
Note: All colors.		
10 21 13 13-0039 Enamel Coated Steel, Toilet Partition Doors <small>(10 21 13 13-0038)</small>		
10 21 13 13-0040 EA 24" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	325.02	22.86
<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		
10 21 13 13-0041 EA 26" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	332.37	22.86
<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		
10 21 13 13-0042 EA 30" x 58" x 1", Enamel Coated Steel, Toilet Partition Door	352.34	24.58
<i>For Heavy Gauge Full-Height SS Hinge, Add</i>		

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13	13-0043	EA	34" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	385.41 95.58	24.58
10 21 13	13-0044	EA	36" x 58" x 1", Enamel Coated Steel, ADA Compliant Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	392.76 95.58	24.58
10 21 13	13-0045		Enamel Coated Steel, Toilet Partition Panels (10 21 13 13-0038)		
10 21 13	13-0046	EA	6" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	233.96 59.40	34.29
10 21 13	13-0047	EA	12" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	258.05 59.40	37.15
10 21 13	13-0048	EA	18" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	282.14 59.40	40.01
10 21 13	13-0049	EA	24" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	306.23 59.40	42.87
10 21 13	13-0050	EA	30" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	330.33 59.40	45.72
10 21 13	13-0051	EA	36" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	354.41 59.40	48.58
10 21 13	13-0052	EA	42" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	376.66 59.40	51.44
10 21 13	13-0053	EA	48" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	400.75 59.40	54.30
10 21 13	13-0054	EA	55" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	417.50 59.40	57.15
10 21 13	13-0055	EA	58" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	427.13 42.00 59.40	58.29
10 21 13	13-0056	EA	60" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	439.74 42.00 59.40	60.01
10 21 13	13-0057	EA	70" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	480.38 42.00 59.40	62.87
10 21 13	13-0058	EA	78" x 58" x 1", Enamel Coated Steel, Toilet Partition Panel..... <i>For Panel Reinforced At ADA Grab Bar, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	515.49 42.00 59.40	65.72
10 21 13	13-0059		70" Long, Enamel Coated Steel, Toilet Partition Pilasters (10 21 13 13-0038)		
10 21 13	13-0060	EA	Up To 4" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	177.61 59.40	17.15
10 21 13	13-0061	EA	5" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	196.20 59.40	20.00
10 21 13	13-0062	EA	6" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	216.61 59.40	22.86
10 21 13	13-0063	EA	8" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	251.73 59.40	25.72
10 21 13	13-0064	EA	10" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	285.00 59.40	28.57
10 21 13	13-0065	EA	12" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	318.28 59.40	31.43
10 21 13	13-0066	EA	18" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	410.36 59.40	34.29
10 21 13	13-0067	EA	22" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	471.20 59.40	37.15
10 21 13	13-0068	EA	24" x 70" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	506.32 59.40	40.01
10 21 13	13-0069		82" Long, Enamel Coated Steel, Toilet Partition Pilasters (10 21 13 13-0038)		
10 21 13	13-0070	EA	Up To 4" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	142.70 59.40	17.15
10 21 13	13-0071	EA	5" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	155.77 59.40	20.00
10 21 13	13-0072	EA	6" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	170.67 59.40	22.86
10 21 13	13-0073	EA	8" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	192.93 59.40	25.72
10 21 13	13-0074	EA	10" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	213.34 59.40	28.57
10 21 13	13-0075	EA	12" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	235.58 59.40	31.43
10 21 13	13-0076	EA	18" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	290.92 59.40	34.29
10 21 13	13-0077	EA	22" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	327.88 59.40	37.15
10 21 13	13-0078	EA	24" x 82" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	350.13 59.40	40.01
10 21 13	13-0079		96" To 120" Long, Enamel Coated Steel, Partition Pilasters (10 21 13 13-0038)		
10 21 13	13-0080	EA	Up To 4" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	198.23 59.40	22.86

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 13-0081	EA		5" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	216.82 59.40	25.72
10 21 13 13-0082	EA		6" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	237.23 59.40	28.57
10 21 13 13-0083	EA		8" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	272.35 59.40	31.43
10 21 13 13-0084	EA		10" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	305.62 59.40	34.29
10 21 13 13-0085	EA		12" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	338.90 59.40	37.15
10 21 13 13-0086	EA		18" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	430.98 59.40	40.01
10 21 13 13-0087	EA		22" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	491.82 59.40	42.87
10 21 13 13-0088	EA		24" x 96" To 120" x 1-1/4", Enamel Coated Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	526.94 59.40	45.72
10 21 13 14 Stainless-Steel Toilet Compartments (10 21 13)					
10 21 13 14-0001	Stainless Steel Toilet Partitions And Urinal Screens (10 21 13 14) Note: Complete toilet partitions for corner installations. Includes 1" door, 1-1/4" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of type 304 stainless steel. Includes satin finish.				
10 21 13 14-0002	Stainless Steel Toilet Partitions (10 21 13 14-0001)				
10 21 13 14-0003	Floor Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002)				
10 21 13 14-0004	EA		36" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,558.31 -230.11 214.38 805.39	128.59
10 21 13 14-0005	EA		60" x 60", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,091.51 214.38 984.01	140.02
10 21 13 14-0006	EA		60" x 78", Floor Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,238.20 214.38 1,031.35	145.74
10 21 13 14-0007	Overhead Braced, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Includes headrail.				
10 21 13 14-0008	EA		36" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,158.24 -184.39 214.38 645.37	157.17
10 21 13 14-0009	EA		60" x 60", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,630.77 214.38 802.75	168.60
10 21 13 14-0010	EA		60" x 78", Overhead Braced, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,868.28 214.38 881.88	174.31
10 21 13 14-0011	Floor And Ceiling Anchored, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Excludes above ceiling steel.				
10 21 13 14-0012	EA		36" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,994.65 -262.32 214.38 918.10	185.75
10 21 13 14-0013	EA		60" x 60", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,212.20 214.38 986.25	197.18
10 21 13 14-0014	EA		60" x 78", Floor And Ceiling Anchored, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,363.20 214.38 1,035.09	202.89
10 21 13 14-0015	Ceiling Hung, Stainless Steel, Complete Toilet Partitions (10 21 13 14-0002) Note: Excludes above ceiling steel.				
10 21 13 14-0016	EA		36" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	2,993.16 -256.45 214.38 897.58	214.32
10 21 13 14-0017	EA		60" x 60", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,648.93 214.38 1,119.10	225.76

10	10	Specialties
	10 20	Interior Specialties
	10 21	Compartments and Cubicles



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
10 21 13 14-0018	EA	60" x 78", Ceiling Hung, Stainless Steel, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	3,837.91 214.38 1,181.24	231.47
10 21 13 14-0019 Stainless Steel Urinal Screens <small>(10 21 13 14-0001)</small>				
10 21 13 14-0020 Floor Anchored, Stainless Steel, Urinal Screens <small>(10 21 13 14-0019)</small>				
10 21 13 14-0021	EA	24" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	838.34 59.40 237.44	79.99
10 21 13 14-0022	EA	36" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	949.75 59.40 272.43	85.69
10 21 13 14-0023	EA	48" x 58" x 1", Floor Anchored, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	969.36 59.40 275.29	91.41
10 21 13 14-0024 Wall Hung, Stainless Steel, Urinal Screens <small>(10 21 13 14-0019)</small>				
10 21 13 14-0025	EA	18" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	618.39 59.40 168.45	68.55
10 21 13 14-0026	EA	24" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	669.13 59.40 182.21	74.27
10 21 13 14-0027	EA	30" x 42" x 1", Wall Hung, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	730.66 59.40 199.75	79.99
10 21 13 14-0028 Wall Hung And Post Supported, Stainless Steel, Urinal Screens <small>(10 21 13 14-0019)</small>				
10 21 13 14-0029	EA	18" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,009.85 59.40 301.46	74.27
10 21 13 14-0030	EA	24" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,058.09 59.40 314.35	79.99
10 21 13 14-0031	EA	30" x 58" x 1", Wall Hung And Post Supported, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,106.11 59.40 327.15	85.69
10 21 13 14-0032 Wall Hung And Overhead Braced, Stainless Steel, Urinal Screens <small>(10 21 13 14-0019)</small>				
10 21 13 14-0033	EA	22" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	838.34 59.40 237.44	79.99
10 21 13 14-0034	EA	34" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	949.75 59.40 272.43	85.69
10 21 13 14-0035	EA	46" x 58" x 1", Wall Hung And Overhead Braced, Stainless Steel, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,065.84 59.40 309.06	91.41
10 21 13 14-0036 Stainless Steel Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 14-0001)</small>				
10 21 13 14-0037 Stainless Steel, Toilet Partition Doors <small>(10 21 13 14-0036)</small>				
10 21 13 14-0038	EA	24" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	558.90 95.58 179.61	22.86
10 21 13 14-0039	EA	26" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	639.95 95.58 207.98	22.86
10 21 13 14-0040	EA	30" x 58" x 1", Stainless Steel, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	656.90 95.58 211.91	25.72
10 21 13 14-0041	EA	34" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	680.30 95.58 220.10	25.72
10 21 13 14-0042	EA	36" x 58" x 1", Stainless Steel, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For Diamond Pattern Finish, Add</i>	686.81 95.58 222.38	25.72
10 21 13 14-0043 Stainless Steel, Toilet Partition Panels <small>(10 21 13 14-0036)</small>				
10 21 13 14-0044	EA	6" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	480.37 59.40 144.13	34.29
10 21 13 14-0045	EA	12" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	533.65 59.40 160.77	37.15
10 21 13 14-0046	EA	18" x 58" x 1", Stainless Steel, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	555.81 59.40 166.53	40.01

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0047	EA		24" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	581.07 59.40 173.37	42.87
10 21 13 14-0048	EA		30" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	623.74 59.40 186.30	45.72
10 21 13 14-0049	EA		36" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	673.43 59.40 201.69	48.58
10 21 13 14-0050	EA		42" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	788.82 59.40 240.08	51.44
10 21 13 14-0051	EA		48" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	864.05 59.40 264.41	54.30
10 21 13 14-0052	EA		55" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	886.23 59.40 270.17	57.15
10 21 13 14-0053	EA		58" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	930.58 59.40 284.90	58.29
10 21 13 14-0054	EA		60" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	988.89 59.40 304.10	60.01
10 21 13 14-0055	EA		70" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,036.15 59.40 318.64	62.87
10 21 13 14-0056	EA		78" x 58" x 1", Stainless Steel, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	1,137.50 59.40 352.12	65.72
10 21 13 14-0057			70" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)		
10 21 13 14-0058	EA		Up To 4" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	334.28 59.40 105.00	17.15
10 21 13 14-0059	EA		5" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	363.78 59.40 113.32	20.00
10 21 13 14-0060	EA		6" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	395.10 59.40 122.28	22.86
10 21 13 14-0061	EA		8" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	450.20 59.40 139.57	25.72
10 21 13 14-0062	EA		10" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	505.30 59.40 156.85	28.57
10 21 13 14-0063	EA		12" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	560.41 59.40 174.14	31.43
10 21 13 14-0064	EA		18" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	712.45 59.40 225.35	34.29
10 21 13 14-0065	EA		22" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	816.95 59.40 259.93	37.15
10 21 13 14-0066	EA		24" x 70" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	872.06 59.40 277.21	40.01
10 21 13 14-0067			82" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)		
10 21 13 14-0068	EA		Up To 4" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	254.78 59.40 77.17	17.15
10 21 13 14-0069	EA		5" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	275.59 59.40 82.45	20.00
10 21 13 14-0070	EA		6" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	297.16 59.40 88.00	22.86
10 21 13 14-0071	EA		8" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	386.57 59.40 117.30	25.72
10 21 13 14-0072	EA		10" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	436.38 59.40 132.73	28.57
10 21 13 14-0073	EA		12" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	451.23 59.40 135.93	31.43
10 21 13 14-0074	EA		18" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	511.55 59.40 155.04	34.29

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 14-0075	EA		22" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	577.33 59.40 176.06	37.15
10 21 13 14-0076	EA		24" x 82" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	612.83 59.40 186.48	40.01
10 21 13 14-0077			96" To 120" Long, Stainless Steel, Toilet Partition Pilasters (10 21 13 14-0036)		
10 21 13 14-0078	EA		Up To 4" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	365.83 59.40 112.04	22.86
10 21 13 14-0079	EA		5" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	400.82 59.40 122.28	25.72
10 21 13 14-0080	EA		6" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	433.96 59.40 131.88	28.57
10 21 13 14-0081	EA		8" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	498.22 59.40 152.37	31.43
10 21 13 14-0082	EA		10" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	560.63 59.40 172.22	34.29
10 21 13 14-0083	EA		12" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	623.06 59.40 192.07	37.15
10 21 13 14-0084	EA		18" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	802.55 59.40 252.89	40.01
10 21 13 14-0085	EA		22" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	921.67 59.40 292.58	42.87
10 21 13 14-0086	EA		24" x 96" To 120" x 1-1/4", Stainless Steel, Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Diamond Pattern Finish, Add</i>	985.92 59.40 313.06	45.72
10 21 13 16			Plastic-Laminate-Clad Toilet Compartments (10 21 13)		
10 21 13 16-0001			Laminated Plastic Toilet Partitions And Urinal Screens (10 21 13 16) Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of a sandwich of high pressure decorative plastic laminate bonded to a solid industrial-grade particle board.		
10 21 13 16-0002			Laminated Plastic Toilet Partitions (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
10 21 13 16-0003			Floor Anchored, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002)		
10 21 13 16-0004	EA		36" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,302.44 -104.53 172.22 214.38	128.59
10 21 13 16-0005	EA		60" x 60", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,592.93 172.24 214.38	140.02
10 21 13 16-0006	EA		60" x 78", Floor Anchored, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,714.28 172.25 214.38	145.74
10 21 13 16-0007			Overhead Braced, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002) Note: Includes headrail.		
10 21 13 16-0008	EA		36" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,410.62 -109.63 172.26 214.38	157.17
10 21 13 16-0009	EA		60" x 60", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,713.86 172.28 214.38	168.60
10 21 13 16-0010	EA		60" x 78", Overhead Braced, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,844.77 172.28 214.38	174.31
10 21 13 16-0011			Ceiling Hung, Laminated Plastic, Complete Toilet Partitions (10 21 13 16-0002) Note: Excludes above ceiling steel.		

Specialties	10
Interior Specialties	10 20
Compartments and Cubicles	10 21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0012	EA		36" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	1,886.24 -145.76 172.34 214.38	214.32
10 21 13 16-0013	EA		60" x 60", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,199.30 172.35 214.38	225.76
10 21 13 16-0014	EA		60" x 78", Ceiling Hung, Laminated Plastic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Cast Stainless Steel Hardware, Add</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	2,320.63 172.36 214.38	231.47
10 21 13 16-0015			Laminated Plastic Urinal Screens (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
10 21 13 16-0016			Floor Anchored, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0017	EA		24" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	549.79 59.40	79.99
10 21 13 16-0018	EA		36" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	599.46 59.40	85.69
10 21 13 16-0019	EA		48" x 58" x 1", Floor Anchored, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	618.39 59.40	91.41
10 21 13 16-0020			Wall Hung, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0021	EA		18" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	427.27 59.40	68.55
10 21 13 16-0022	EA		24" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	449.62 59.40	74.27
10 21 13 16-0023	EA		30" x 42" x 1", Wall Hung, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	470.97 59.40	79.99
10 21 13 16-0024			Wall Hung And Post Supported, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0025	EA		18" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	566.50 59.40	74.27
10 21 13 16-0026	EA		24" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	621.53 59.40	79.99
10 21 13 16-0027	EA		30" x 58" x 1", Wall Hung And Post Supported, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	681.14 59.40	85.69
10 21 13 16-0028			Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screens (10 21 13 16-0015)		
10 21 13 16-0029	EA		24" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	523.11 59.40	74.27
10 21 13 16-0030	EA		36" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	573.86 59.40	79.99
10 21 13 16-0031	EA		48" x 58" x 1", Wall Hung And Overhead Braced, Laminated Plastic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	592.17 59.40	85.69
10 21 13 16-0032			Laminated Plastic Toilet Partition Doors, Panels And Pilasters (10 21 13 16-0001) Note: Includes all standard Bobrick colors.		
10 21 13 16-0033			Laminated Plastic, Toilet Partition Doors (10 21 13 16-0032)		
10 21 13 16-0034	EA		24" x 58" x 1", Laminated Plastic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	432.14 95.58	22.86
10 21 13 16-0035	EA		26" x 58" x 1", Laminated Plastic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	469.69 95.58	22.86
10 21 13 16-0036	EA		30" x 58" x 1", Laminated Plastic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	485.65 95.58	25.72
10 21 13 16-0037	EA		34" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	497.26 95.58	25.72
10 21 13 16-0038	EA		36" x 58" x 1", Laminated Plastic, Americans With Disabilities Act Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	508.18 95.58	25.72
10 21 13 16-0039			Laminated Plastic, Toilet Partition Panels (10 21 13 16-0032)		
10 21 13 16-0040	EA		6" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	220.77 59.40	34.29
10 21 13 16-0041	EA		12" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	244.19 59.40	37.15
10 21 13 16-0042	EA		18" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	267.61 59.40	40.01
10 21 13 16-0043	EA		24" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	291.91 59.40	42.87
10 21 13 16-0044	EA		30" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	314.43 59.40	45.72
10 21 13 16-0045	EA		36" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	338.84 59.40	48.58
10 21 13 16-0046	EA		42" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	346.63 59.40	51.44

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0047	EA		48" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	355.74 59.40	54.30
10 21 13 16-0048	EA		55" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	374.46 59.40	57.15
10 21 13 16-0049	EA		58" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	390.01 59.40	58.29
10 21 13 16-0050	EA		60" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	407.45 59.40	60.01
10 21 13 16-0051	EA		70" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	464.37 59.40	62.87
10 21 13 16-0052	EA		78" x 58" x 1", Laminated Plastic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	528.80 59.40	65.72
10 21 13 16-0053			69" Long, Laminated Plastic, Toilet Partition Pilasters (10 21 13 16-0032)		
10 21 13 16-0054	EA		Up To 4" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	179.71 12.00 59.40 145.42	17.15
10 21 13 16-0055	EA		5" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	207.28 13.80 59.40 167.27	20.00
10 21 13 16-0056	EA		6" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	212.99 13.80 59.40 167.27	22.86
10 21 13 16-0057	EA		8" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	235.09 15.15 59.40 183.65	25.72
10 21 13 16-0058	EA		10" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	245.58 15.55 59.40 188.43	28.57
10 21 13 16-0059	EA		12" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	267.00 16.84 59.40 204.13	31.43
10 21 13 16-0060	EA		18" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	339.62 22.36 59.40 271.04	34.29
10 21 13 16-0061	EA		22" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	410.88 27.77 59.40 336.58	37.15
10 21 13 16-0062	EA		24" x 69" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	460.98 31.43 59.40 380.96	40.01
10 21 13 16-0063			83" Long, Laminated Plastic, Toilet Partition Pilasters (10 21 13 16-0032)		
10 21 13 16-0064	EA		Up To 4" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	351.76 26.19 59.40 317.47	17.15
10 21 13 16-0065	EA		5" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	388.88 28.78 59.40 348.87	20.00
10 21 13 16-0066	EA		6" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	394.59 28.78 59.40 348.87	22.86
10 21 13 16-0067	EA		8" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	426.94 30.98 59.40 375.50	25.72
10 21 13 16-0068	EA		10" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	466.10 33.74 59.40 408.95	28.57
10 21 13 16-0069	EA		12" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	497.76 35.88 59.40 434.90	31.43
10 21 13 16-0070	EA		18" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	619.21 45.43 59.40 550.63	34.29
10 21 13 16-0071	EA		22" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster..... <i>For 1-1/4" Plaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	705.14 52.04 59.40 630.84	37.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 16-0072 EA 24" x 83" x 1", Laminated Plastic, Toilet Partition Pilaster <i>For 1-1/4" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For Steel Core Pilaster, Add</i>	723.83 53.11 59.40 643.81	40.01
10 21 13 19 Plastic Toilet Compartments (10 21 13)		
10 21 13 19-0001 Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens (10 21 13 19) Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0002 Recycled Solid Plastic (HDPE) Toilet Partitions (10 21 13 19-0001) Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0003 Overhead Braced, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Includes headrail.		
10 21 13 19-0004 EA 36" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,884.88 -157.06 214.38 973.74	157.17
10 21 13 19-0005 EA 60" x 60", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,321.38 214.38 1,230.19	168.60
10 21 13 19-0006 EA 60" x 78", Overhead Braced, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,572.89 214.38 1,379.04	174.31
10 21 13 19-0007 Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Excludes above ceiling steel.		
10 21 13 19-0008 EA 36" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,882.56 -151.11 214.38 936.86	185.75
10 21 13 19-0009 EA 60" x 60", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,357.46 214.38 1,217.13	197.18
10 21 13 19-0010 EA 60" x 78", Floor And Ceiling Anchored, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,608.97 214.38 1,365.97	202.89
10 21 13 19-0011 Ceiling Hung, Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0002) Note: Excludes above ceiling steel.		
10 21 13 19-0012 EA 36" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,973.96 -154.53 214.38 958.10	214.32
10 21 13 19-0013 EA 60" x 60", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,343.14 214.38 1,172.81	225.76
10 21 13 19-0014 EA 60" x 78", Ceiling Hung, Recycled Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,594.64 214.38 1,321.65	231.47
10 21 13 19-0015 Recycled Solid Plastic (HDPE) Urinal Screens (10 21 13 19-0001) Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0016 Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0015)		
10 21 13 19-0017 EA 18" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	437.98 59.40 186.54	68.55
10 21 13 19-0018 EA 24" x 42" x 1", Wall Hung, Recycled Solid Plastic (HDPE), Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	461.26 59.40 193.89	74.27
10 21 13 19-0019 Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0015)		

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0020	EA		18" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	557.51 59.40 253.56	74.27
10 21 13 19-0021	EA		24" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	705.22 59.40 338.06	79.99
10 21 13 19-0022	EA		30" x 42" x 1", Wall Hung And Post Supported, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	783.78 59.40 379.68	85.69
10 21 13 19-0023			Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screens <small>(10 21 13 19-0015)</small>		
10 21 13 19-0024	EA		24" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	568.93 59.40 253.56	79.99
10 21 13 19-0025	EA		36" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	716.65 59.40 338.06	85.69
10 21 13 19-0026	EA		48" x 55" x 1", Wall Hung And Overhead Braced, Recycled Solid Plastic (HDPE), Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	850.88 59.40 414.20	91.41
10 21 13 19-0027			Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0001)</small>		
			Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0028			Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10 21 13 19-0027)</small>		
10 21 13 19-0029	EA		24" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	449.97 95.58 250.64	22.86
10 21 13 19-0030	EA		26" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	486.76 95.58 273.44	22.86
10 21 13 19-0031	EA		30" x 55" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	528.99 95.58 296.08	25.72
10 21 13 19-0032	EA		34" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	603.44 95.58 342.24	25.72
10 21 13 19-0033	EA		36" x 55" x 1", Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	621.06 95.58 353.16	25.72
10 21 13 19-0034			Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10 21 13 19-0027)</small>		
10 21 13 19-0035	EA		6" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	158.18 59.40 55.55	34.29
10 21 13 19-0036	EA		12" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	253.50 59.40 111.10	37.15
10 21 13 19-0037	EA		18" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	348.81 59.40 166.65	40.01
10 21 13 19-0038	EA		24" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	407.37 59.40 199.42	42.87
10 21 13 19-0039	EA		30" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	493.50 59.40 249.27	45.72
10 21 13 19-0040	EA		36" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	527.34 59.40 266.71	48.58
10 21 13 19-0041	EA		42" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	592.14 59.40 303.35	51.44
10 21 13 19-0042	EA		48" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	667.74 59.40 346.67	54.30
10 21 13 19-0043	EA		55" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	729.42 59.40 381.37	57.15
10 21 13 19-0044	EA		58" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	745.26 59.40 389.78	58.29
10 21 13 19-0045	EA		60" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	770.37 59.40 403.22	60.01
10 21 13 19-0046	EA		70" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	870.95 59.40 462.03	62.87
10 21 13 19-0047	EA		78" x 55" x 1", Recycled Solid Plastic (High Density Polyethylene), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	938.78 59.40 500.54	65.72

Specialties	10	10
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0048 82" Long, Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0027)</small>		
10 21 13 19-0049 EA Up To 4" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	206.89	17.15
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	107.01	
10 21 13 19-0050 EA 5" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	229.92	20.00
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	117.74	
10 21 13 19-0051 EA 6" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	249.90	22.86
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	126.59	
10 21 13 19-0052 EA 8" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	268.38	25.72
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	134.50	
10 21 13 19-0053 EA 10" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	301.35	28.57
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	151.40	
10 21 13 19-0054 EA 12" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	334.29	31.43
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	168.29	
10 21 13 19-0055 EA 18" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	459.56	34.29
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	242.41	
10 21 13 19-0056 EA 22" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	519.65	37.15
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	276.12	
10 21 13 19-0057 EA 24" x 82" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	565.85	40.01
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	301.21	
10 21 13 19-0058 96" To 120", Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0027)</small>		
10 21 13 19-0059 EA Up To 4" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	252.45	22.86
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	128.17	
10 21 13 19-0060 EA 5" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	277.84	25.72
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	140.37	
10 21 13 19-0061 EA 6" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	306.01	28.57
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	154.29	
10 21 13 19-0062 EA 8" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	346.81	31.43
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	176.04	
10 21 13 19-0063 EA 10" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	387.98	34.29
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	198.03	
10 21 13 19-0064 EA 12" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	428.78	37.15
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	219.78	
10 21 13 19-0065 EA 18" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	550.13	40.01
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	291.47	
10 21 13 19-0066 EA 22" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	615.69	42.87
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	328.58	
10 21 13 19-0067 EA 24" x 96" To 120" x 1", Recycled Solid Plastic (HDPE), Toilet Partition Pilaster	669.58	45.72
For Heavy Gauge Full-Height SS Brackets, Add	59.40	
For NFPA Class A, Add	358.44	
10 21 13 19-0068 Anti-microbial Recycled Solid Polymer (HDPE) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small>		
Note: Complete toilet partitions for corner installations. Includes 1" door, 1" pilaster, 1" separator panel, trim shoes, and hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and hardware as required. Constructed of high density polyethylene (HDPE). Includes Class B fire rating.		
10 21 13 19-0069 Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partitions <small>(10 21 13 19-0068)</small>		
Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0070 Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions <small>(10 21 13 19-0069)</small>		
Note: Includes headrail.		
10 21 13 19-0071 EA 36" x 60", Overhead Braced, Anti-microbial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete Toilet Partition	2,434.57	157.17
For >10, Deduct	-212.02	
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	214.38	
For NFPA Class A, Add	1,314.55	
10 21 13 19-0072 EA 60" x 60", Overhead Braced, Anti-microbial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,015.86	168.60
For Heavy Gauge Full-Height SS Hinges And Brackets, Add	214.38	
For NFPA Class A, Add	1,660.77	

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0073	EA		60" x 78", Overhead Braced, Anti-microbial Solid Plastic (High Density Polyethylene), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,351.39	174.31
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
			<i>For NFPA Class A, Add</i>	1,861.71	
10 21 13 19-0074			Floor And Ceiling Anchored, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0069)		
			Note: Excludes above ceiling steel.		
10 21 13 19-0075	EA		36" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,411.43	185.75
			<i>For >10, Deduct</i>	-203.99	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
			<i>For NFPA Class A, Add</i>	1,264.76	
10 21 13 19-0076	EA		60" x 60", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,044.53	197.18
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
			<i>For NFPA Class A, Add</i>	1,643.11	
10 21 13 19-0077	EA		60" x 78", Floor And Ceiling Anchored, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,380.08	202.89
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
			<i>For NFPA Class A, Add</i>	1,844.06	
10 21 13 19-0078			Ceiling Hung, Anti-microbial Recycled Solid Plastic (HDPE), Complete Toilet Partitions (10 21 13 19-0069)		
			Note: Excludes above ceiling steel.		
10 21 13 19-0079	EA		36" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete Toilet Partition	2,514.83	214.32
			<i>For >10, Deduct</i>	-208.62	
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
			<i>For NFPA Class A, Add</i>	1,293.44	
10 21 13 19-0080	EA		60" x 60", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,005.20	225.76
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
			<i>For NFPA Class A, Add</i>	1,583.29	
10 21 13 19-0081	EA		60" x 78", Ceiling Hung, Anti-microbial Solid Plastic (HDPE), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,340.73	231.47
			<i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	214.38	
			<i>For NFPA Class A, Add</i>	1,784.23	
10 21 13 19-0082			Anti-microbial Recycled Solid Plastic (HDPE) Urinal Screens (10 21 13 19-0068)		
			Note: Includes all standard Columbia Partitions colors.		
10 21 13 19-0083			Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0082)		
10 21 13 19-0084	EA		18" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	543.28	68.55
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	251.83	
10 21 13 19-0085	EA		24" x 42" x 1", Wall Hung, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	566.85	74.27
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	259.35	
10 21 13 19-0086			Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0082)		
10 21 13 19-0087	EA		18" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	884.64	74.27
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	456.38	
10 21 13 19-0088	EA		24" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,006.78	79.99
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	525.03	
10 21 13 19-0089	EA		30" x 42" x 1", Wall Hung And Post Supported, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,073.28	85.69
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	559.17	
10 21 13 19-0090			Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screens (10 21 13 19-0082)		
10 21 13 19-0091	EA		24" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	712.04	79.99
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	342.29	
10 21 13 19-0092	EA		36" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	907.49	85.69
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	456.38	
10 21 13 19-0093	EA		48" x 55" x 1", Wall Hung And Overhead Braced, Anti-microbial Recycled Solid Plastic (HDPE), Urinal Screen	1,084.71	91.41
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
			<i>For NFPA Class A, Add</i>	559.17	
10 21 13 19-0094			Anti-microbial Recycled Solid Plastic (HDPE) Toilet Partition Doors, Panels And Pilasters (10 21 13 19-0068)		
			Note: Includes all standard Columbia Partitions colors.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0095			Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Doors <small>(10 21 13 19-0094)</small>		
10 21 13 19-0096	EA		24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	591.45 95.58 338.35	22.86
10 21 13 19-0097	EA		26" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	641.14 95.58 369.16	22.86
10 21 13 19-0098	EA		30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	696.14 95.58 399.71	25.72
10 21 13 19-0099	EA		34" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	796.65 95.58 462.03	25.72
10 21 13 19-0100	EA		36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	820.43 95.58 476.77	25.72
10 21 13 19-0101			Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panels <small>(10 21 13 19-0094)</small>		
10 21 13 19-0102	EA		6" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	189.53 59.40 74.99	34.29
10 21 13 19-0103	EA		12" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	316.22 59.40 149.99	37.15
10 21 13 19-0104	EA		18" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	442.90 59.40 224.99	40.01
10 21 13 19-0105	EA		24" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	519.93 59.40 269.20	42.87
10 21 13 19-0106	EA		30" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	634.21 59.40 336.51	45.72
10 21 13 19-0107	EA		36" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	677.89 59.40 360.05	48.58
10 21 13 19-0108	EA		42" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	763.38 59.40 409.52	51.44
10 21 13 19-0109	EA		48" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	863.46 59.40 468.02	54.30
10 21 13 19-0110	EA		55" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	944.72 59.40 514.85	57.15
10 21 13 19-0111	EA		58" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	965.29 59.40 526.19	58.29
10 21 13 19-0112	EA		60" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	997.98 59.40 544.34	60.01
10 21 13 19-0113	EA		70" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,131.80 59.40 623.76	62.87
10 21 13 19-0114	EA		78" x 55" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,221.34 59.40 675.73	65.72
10 21 13 19-0115			82" Long, Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0094)</small>		
10 21 13 19-0116	EA		Up To 4" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	267.30 59.40 144.47	17.15
10 21 13 19-0117	EA		5" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	296.38 59.40 158.95	20.00
10 21 13 19-0118	EA		6" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	321.36 59.40 170.90	22.86
10 21 13 19-0119	EA		8" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	370.94 59.40 198.09	25.72
10 21 13 19-0120	EA		10" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	416.80 59.40 222.98	28.57
10 21 13 19-0121	EA		12" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	462.60 59.40 247.84	31.43
10 21 13 19-0122	EA		18" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	596.40 59.40 327.25	34.29

10	10	Specialties
	10 20	Interior Specialties
	10 21	Compartments and Cubicles



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0123	EA		22" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	675.52 59.40 372.76	37.15
10 21 13 19-0124	EA		24" x 82" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	735.88 59.40 406.63	40.01
10 21 13 19-0125			96" To 120", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilasters <small>(10 21 13 19-0094)</small>		
10 21 13 19-0126	EA		Up To 4" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	324.80 59.40 173.03	22.86
10 21 13 19-0127	EA		5" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	357.09 59.40 189.50	25.72
10 21 13 19-0128	EA		6" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	393.12 59.40 208.30	28.57
10 21 13 19-0129	EA		8" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	446.20 59.40 237.66	31.43
10 21 13 19-0130	EA		10" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	499.79 59.40 267.35	34.29
10 21 13 19-0131	EA		12" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	552.84 59.40 296.69	37.15
10 21 13 19-0132	EA		18" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	714.69 59.40 393.50	40.01
10 21 13 19-0133	EA		22" x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	801.17 59.40 443.57	42.87
10 21 13 19-0134	EA		24 x 96" To 120" x 1", Anti-microbial Recycled Solid Plastic (HDPE), Toilet Partition Pilaster..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	871.92 59.40 483.89	45.72
10 21 13 19-0135			Solid Phenolic Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid phenolic (resin impregnated kraft paper) core with a high pressure decorative matte surface finish as an integral part of the core material. Includes Class B fire rating.		
10 21 13 19-0136			Solid Phenolic Toilet Partitions <small>(10 21 13 19-0135)</small> Note: Includes all standard Bobrick colors.		
10 21 13 19-0137			Floor Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small>		
10 21 13 19-0138	EA		36" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,976.97 -171.98 214.38 374.01	128.59
10 21 13 19-0139	EA		60" x 60", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,428.59 214.38 465.20	140.02
10 21 13 19-0140	EA		60" x 78", Floor Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,711.74 214.38 522.83	145.74
10 21 13 19-0141			Overhead Braced, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small> Note: Includes headrail.		
10 21 13 19-0142	EA		36" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,194.89 -188.06 214.38 410.63	157.17
10 21 13 19-0143	EA		60" x 60", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,664.45 214.38 505.58	168.60
10 21 13 19-0144	EA		60" x 78", Overhead Braced, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,961.28 214.38 566.09	174.31
10 21 13 19-0145			Floor And Ceiling Anchored, Solid Phenolic, Complete Toilet Partitions <small>(10 21 13 19-0136)</small> Note: Excludes above ceiling steel.		

Specialties	10	10
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0146 EA 36" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,266.74 -189.52 214.38 416.58	185.75
10 21 13 19-0147 EA 60" x 60", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,732.96 214.38 510.83	197.18
10 21 13 19-0148 EA 60" x 78", Floor And Ceiling Anchored, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	3,016.12 214.38 568.46	202.89
10 21 13 19-0149 Ceiling Hung, Solid Phenolic, Complete Toilet Partitions (10 21 13 19-0136) Note: Excludes above ceiling steel.		
10 21 13 19-0150 EA 36" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete Toilet Partitio..... <i>For >10, Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,236.17 -180.75 214.38 401.01	214.32
10 21 13 19-0151 EA 60" x 60", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partitio..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,687.46 214.38 492.13	225.76
10 21 13 19-0152 EA 60" x 78", Ceiling Hung, Solid Phenolic, One Compartment Corner Unit, Complete ADA Compliant Toilet Partitio..... <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i> <i>For NFPA Class A, Add</i>	2,970.62 214.38 549.76	231.47
10 21 13 19-0153 Solid Phenolic Urinal Screens (10 21 13 19-0135) Note: Includes all standard Bobrick colors.		
10 21 13 19-0154 Floor Anchored, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0155 EA 24" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	720.48 59.40 125.71	79.99
10 21 13 19-0156 EA 36" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	814.52 59.40 143.63	85.69
10 21 13 19-0157 EA 48" x 58" x 1/2", Floor Anchored, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	976.83 59.40 175.88	91.41
10 21 13 19-0158 Wall Hung, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0159 EA 18" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	460.72 59.40 74.81	68.55
10 21 13 19-0160 EA 24" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	533.60 59.40 88.29	74.27
10 21 13 19-0161 EA 30" x 42" x 1/2", Wall Hung, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	641.36 59.40 109.09	79.99
10 21 13 19-0162 Wall Hung And Post Supported, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0163 EA 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	467.95 59.40 74.50	74.27
10 21 13 19-0164 EA 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	585.82 59.40 97.43	79.99
10 21 13 19-0165 EA 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Phenolic, Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	684.80 59.40 116.39	85.69
10 21 13 19-0166 Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screens (10 21 13 19-0153)		
10 21 13 19-0167 EA 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	741.36 59.40 131.92	74.27
10 21 13 19-0168 EA 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	835.97 59.40 149.96	79.99
10 21 13 19-0169 EA 48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Phenolic, Urinal Screen <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,001.37 59.40 182.87	85.69
10 21 13 19-0170 Solid Phenolic Toilet Partition Doors, Panels And Pilasters (10 21 13 19-0135) Note: Includes all standard Bobrick colors.		
10 21 13 19-0171 Solid Phenolic, Toilet Partition Doors (10 21 13 19-0170)		
10 21 13 19-0172 EA 24" x 58" x 3/4", Solid Phenolic, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	535.92 95.58 105.23	22.86

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0173	EA		26" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	554.35 95.58 109.10	22.86
10 21 13 19-0174	EA		30" x 58" x 3/4", Solid Phenolic, Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	607.37 95.58 119.32	25.72
10 21 13 19-0175	EA		34" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	655.43 95.58 129.41	25.72
10 21 13 19-0176	EA		36" x 58" x 3/4", Solid Phenolic, ADA Compliant Toilet Partition Door <i>For Heavy Gauge Full-Height SS Hinge, Add</i> <i>For NFPA Class A, Add</i>	704.81 95.58 139.78	25.72
10 21 13 19-0177			Solid Phenolic, Toilet Partition Panels <small>(10 21 13 19-0170)</small>		
10 21 13 19-0178	EA		6" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	170.74 59.40 24.88	34.29
10 21 13 19-0179	EA		12" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	227.50 59.40 35.89	37.15
10 21 13 19-0180	EA		18" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	309.80 59.40 52.25	40.01
10 21 13 19-0181	EA		24" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	392.96 59.40 68.80	42.87
10 21 13 19-0182	EA		30" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	438.17 59.40 77.38	45.72
10 21 13 19-0183	EA		36" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	485.63 59.40 86.44	48.58
10 21 13 19-0184	EA		42" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	566.60 59.40 102.53	51.44
10 21 13 19-0185	EA		48" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	649.99 59.40 119.12	54.30
10 21 13 19-0186	EA		55" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	693.26 59.40 127.30	57.15
10 21 13 19-0187	EA		58" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	712.61 59.40 130.99	58.29
10 21 13 19-0188	EA		60" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	726.28 59.40 133.32	60.01
10 21 13 19-0189	EA		70" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	835.77 59.40 155.39	62.87
10 21 13 19-0190	EA		78" x 58" x 1/2", Solid Phenolic, Toilet Partition Panel <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	1,009.43 59.40 190.95	65.72
10 21 13 19-0191			69" Long, Solid Phenolic, Toilet Partition Pilasters <small>(10 21 13 19-0170)</small>		
10 21 13 19-0192	EA		Up To 4" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	254.81 27.57 59.40 48.02	17.15
10 21 13 19-0193	EA		5" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	293.30 31.66 59.40 55.19	20.00
10 21 13 19-0194	EA		6" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	299.01 31.66 59.40 55.48	22.86
10 21 13 19-0195	EA		8" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	346.38 36.87 59.40 64.51	25.72
10 21 13 19-0196	EA		10" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	389.64 41.56 59.40 72.68	28.57
10 21 13 19-0197	EA		12" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	432.91 46.26 59.40 80.85	31.43
10 21 13 19-0198	EA		16" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	554.00 60.68 59.40 105.37	34.29

Specialties	10	10
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13	19-0199	EA 20" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	680.56 75.78 59.40 131.03	37.15
10 21	13	19-0200	EA 24" x 69" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	714.95 79.37 59.40 137.34	40.01
10 21 13 19-0201 83" Long, Solid Phenolic, Toilet Partition Pilasters (10 21 13 19-0170)					
10 21	13	19-0202	EA Up To 4" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	279.39 30.64 59.40 53.19	17.15
10 21	13	19-0203	EA 5" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	327.44 35.93 59.40 62.36	20.00
10 21	13	19-0204	EA 6" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	333.15 35.93 59.40 62.65	22.86
10 21	13	19-0205	EA 8" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	385.98 41.82 59.40 72.83	25.72
10 21	13	19-0206	EA 10" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	436.06 47.36 59.40 82.43	28.57
10 21	13	19-0207	EA 12" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	486.51 52.96 59.40 92.11	31.43
10 21	13	19-0208	EA 16" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	633.88 70.66 59.40 122.14	34.29
10 21	13	19-0209	EA 20" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	755.33 85.13 59.40 146.73	37.15
10 21	13	19-0210	EA 24" x 83" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	794.51 89.31 59.40 154.04	40.01
10 21 13 19-0211 96" To 120" Long, Solid Phenolic, Toilet Partition Pilasters (10 21 13 19-0170)					
10 21	13	19-0212	EA Up To 4" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	315.40 33.71 59.40 58.92	22.86
10 21	13	19-0213	EA 5" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	373.00 40.20 59.40 70.10	25.72
10 21	13	19-0214	EA 6" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	378.71 40.20 59.40 70.39	28.57
10 21	13	19-0215	EA 8" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	437.00 46.77 59.40 81.71	31.43
10 21	13	19-0216	EA 10" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	483.92 53.17 59.40 92.75	34.29
10 21	13	19-0217	EA 12" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	551.52 59.65 59.40 103.93	37.15
10 21	13	19-0218	EA 16" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	725.20 80.65 59.40 139.49	40.01
10 21	13	19-0219	EA 20" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	841.51 94.47 59.40 163.00	42.87
10 21	13	19-0220	EA 24" x 96" To 120" x 3/4", Solid Phenolic, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i> <i>For NFPA Class A, Add</i>	885.46 99.25 59.40 171.31	45.72

10	10	Specialties
	10 20	Interior Specialties
	10 21	Compartments and Cubicles



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
10 21 13 19-0221	Solid Color Reinforced Composite Toilet Partitions And Urinal Screens <small>(10 21 13 19-0221)</small>		
<small>Note: Complete toilet partitions for corner installations. Includes 3/4" door, 3/4" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Constructed of solid color reinforced composite core with a high pressure decorative matte surface finish as an integral part of the core material.</small>			
10 21 13 19-0222	Solid Color Reinforced Composite Toilet Partitions <small>(10 21 13 19-0221)</small>		
<small>Note: Includes all standard Bobrick colors.</small>			
10 21 13 19-0223	Floor Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small>		
10 21 13 19-0224	EA 36" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,183.35	128.59
<small>For >10, Deduct</small>			
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0225	EA 60" x 60", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,686.41	140.02
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0226	EA 60" x 78", Floor Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,002.17	145.74
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0227	Overhead Braced, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small>		
<small>Note: Includes headrail.</small>			
10 21 13 19-0228	EA 36" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,420.56	157.17
<small>For >10, Deduct</small>			
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0229	EA 60" x 60", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,943.72	168.60
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0230	EA 60" x 78", Overhead Braced, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,274.80	174.31
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0231	Floor And Ceiling Anchored, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small>		
<small>Note: Excludes above ceiling steel.</small>			
10 21 13 19-0232	EA 60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,494.17	185.75
<small>For >10, Deduct</small>			
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0233	EA 60" x 60", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,013.59	197.18
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0234	EA 60" x 78", Floor And Ceiling Anchored, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition	3,329.36	202.89
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0235	Ceiling Hung, Solid Color Reinforced Composite, Complete Toilet Partitions <small>(10 21 13 19-0222)</small>		
<small>Note: Excludes above ceiling steel.</small>			
10 21 13 19-0236	EA 36" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete Toilet Partition	2,453.07	214.32
<small>For >10, Deduct</small>			
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0237	EA 60" x 60", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	2,955.78	225.76
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0238	EA 60" x 78", Ceiling Hung, Solid Color Reinforced Composite, One Compartment Corner Unit, Complete ADA Compliant Toilet Partition.....	3,271.54	231.47
<small>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</small>			
10 21 13 19-0239	Solid Color Reinforced Composite Urinal Screens <small>(10 21 13 19-0221)</small>		
<small>Note: Includes all standard Bobrick colors.</small>			
10 21 13 19-0240	Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0241	EA 24" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	787.74	79.99
<small>For Heavy Gauge Full-Height SS Brackets, Add</small>			
10 21 13 19-0242	EA 36" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	891.69	85.69
<small>For Heavy Gauge Full-Height SS Brackets, Add</small>			
10 21 13 19-0243	EA 48" x 58" x 1/2", Floor Anchored, Solid Color Reinforced Composite, Toilet Partition Urinal Screen.....	1,072.11	91.41
<small>For Heavy Gauge Full-Height SS Brackets, Add</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0244 Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0245 EA 18" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	499.55 59.40	68.55
10 21 13 19-0246 EA 24" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	579.80 59.40	74.27
10 21 13 19-0247 EA 30" x 42" x 1/2", Wall Hung, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	699.13 59.40	79.99
10 21 13 19-0248 Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0249 EA 18" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	506.27 59.40	74.27
10 21 13 19-0250 EA 24" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	636.92 59.40	79.99
10 21 13 19-0251 EA 30" x 58" x 1/2", Wall Hung And Post Supported, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	746.41 59.40	85.69
10 21 13 19-0252 Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screens <small>(10 21 13 19-0239)</small>		
10 21 13 19-0253 EA 22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	812.50 59.40	74.27
10 21 13 19-0254 EA 36" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	917.09 59.40	79.99
10 21 13 19-0255 EA 48" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Color Reinforced Composite, Toilet Partition Urinal Screen..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,100.96 59.40	85.69
10 21 13 19-0256 Solid Color Reinforced Composite Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0221)</small>		
<small>Note: Includes all standard Bobrick colors. See CSI section 10 21 13 43-0001 for other accessories.</small>		
10 21 13 19-0257 Solid Color Reinforced Composite, Toilet Partition Doors <small>(10 21 13 19-0256)</small>		
10 21 13 19-0258 EA 24" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	594.74 95.58	22.86
10 21 13 19-0259 EA 26" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	615.39 95.58	22.86
10 21 13 19-0260 EA 30" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	674.08 95.58	25.72
10 21 13 19-0261 EA 34" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	727.91 95.58	25.72
10 21 13 19-0262 EA 36" x 58" x 3/4", Solid Color Reinforced Composite, Toilet Partition Door..... <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	783.21 95.58	25.72
10 21 13 19-0263 Solid Color Reinforced Composite, Toilet Partition Panels <small>(10 21 13 19-0256)</small>		
10 21 13 19-0264 EA 6" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	183.00 59.40	34.29
10 21 13 19-0265 EA 12" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	245.89 59.40	37.15
10 21 13 19-0266 EA 18" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	337.37 59.40	40.01
10 21 13 19-0267 EA 24" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	429.82 59.40	42.87
10 21 13 19-0268 EA 30" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	479.77 59.40	45.72
10 21 13 19-0269 EA 36" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	532.25 59.40	48.58
10 21 13 19-0270 EA 42" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	622.25 59.40	51.44
10 21 13 19-0271 EA 48" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	714.96 59.40	54.30
10 21 13 19-0272 EA 55" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	762.73 59.40	57.15
10 21 13 19-0273 EA 58" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	784.13 59.40	58.29
10 21 13 19-0274 EA 60" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	799.03 59.40	60.01
10 21 13 19-0275 EA 70" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	920.98 59.40	62.87
10 21 13 19-0276 EA 78" x 58" x 1/2", Solid Color Reinforced Composite, Toilet Partition Panel..... <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,114.79 59.40	65.72
10 21 13 19-0277 69" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>		

10	10	Specialties
	10 20	Interior Specialties
	10 21	Compartments and Cubicles



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0278	EA		Up To 4" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	281.27 30.87 59.40	17.15
10 21 13 19-0279	EA		5" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	323.70 35.46 59.40	20.00
10 21 13 19-0280	EA		6" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	329.41 35.46 59.40	22.86
10 21 13 19-0281	EA		8" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	381.77 41.29 59.40	25.72
10 21 13 19-0282	EA		10" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	429.54 46.55 59.40	28.57
10 21 13 19-0283	EA		12" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	477.31 51.81 59.40	31.43
10 21 13 19-0284	EA		16" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	612.25 67.96 59.40	34.29
10 21 13 19-0285	EA		20" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	753.31 84.88 59.40	37.15
10 21 13 19-0286	EA		24" x 69" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	791.15 88.89 59.40	40.01
10 21 13 19-0287			83" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>		
10 21 13 19-0288	EA		Up To 4" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	308.80 34.31 59.40	17.15
10 21 13 19-0289	EA		5" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	361.93 40.24 59.40	20.00
10 21 13 19-0290	EA		6" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	367.64 40.24 59.40	22.86
10 21 13 19-0291	EA		8" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	426.12 46.84 59.40	25.72
10 21 13 19-0292	EA		10" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	481.53 53.05 59.40	28.57
10 21 13 19-0293	EA		12" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	537.35 59.31 59.40	31.43
10 21 13 19-0294	EA		16" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	701.71 79.14 59.40	34.29
10 21 13 19-0295	EA		20" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	837.06 95.35 59.40	37.15
10 21 13 19-0296	EA		24" x 83" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	880.24 100.03 59.40	40.01
10 21 13 19-0297			96" To 120" Long, Solid Color Reinforced Composite, Toilet Partition Pilasters <small>(10 21 13 19-0256)</small>		
10 21 13 19-0298	EA		Up To 4" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	347.76 37.76 59.40	22.86
10 21 13 19-0299	EA		5" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	411.59 45.02 59.40	25.72
10 21 13 19-0300	EA		6" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	417.30 45.02 59.40	28.57
10 21 13 19-0301	EA		8" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	481.90 52.38 59.40	31.43
10 21 13 19-0302	EA		10" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	544.96 59.55 59.40	34.29
10 21 13 19-0303	EA		12" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	608.79 66.81 59.40	37.15
10 21 13 19-0304	EA		16" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	802.62 90.33 59.40	40.01
10 21 13 19-0305	EA		20" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	932.20 105.81 59.40	42.87

Specialties	10	10
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	13 19-0306	EA	24" x 96" To 120" x 3/4", Solid Color Reinforced Composite, Toilet Partition Pilaster <i>For 1" Pilaster, Add</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	980.74 111.16 59.40	45.72
10 21	13 19-0307		Solid Polyester (Corian) Toilet Partitions And Urinal Screens <small>(10 21 13 19)</small> Note: Complete toilet partitions for corner installations. Includes 1/2" door (1" at edge), 1" pilaster, 1/2" separator panel, trim shoes, and standard stainless steel hardware as required. For alcove, recessed or configurations other than corner installations use either: (1) the appropriate corner unit and add individual components or (2) individual components. Individual components include trim shoes and standard stainless steel hardware as required. Produced or cast by combining unsaturated polyester resin with a combination of fillers, pigments and catalysts.		
10 21	13 19-0308		Solid Polyester (Corian) Toilet Partitions <small>(10 21 13 19-0307)</small> Note: Small particulate finish.		
10 21	13 19-0309		Floor Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0309)</small>		
10 21	13 19-0310	EA	36" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	4,875.75 -461.86 -1,062.27 214.38	128.59
10 21	13 19-0311	EA	60" x 60", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,891.77 -1,290.70 214.38	140.02
10 21	13 19-0312	EA	60" x 78", Floor Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	6,535.99 -1,436.24 214.38	145.74
10 21	13 19-0313		Overhead Braced, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small>		
10 21	13 19-0314	EA	36" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,058.69 -474.44 -1,091.20 214.38	157.17
10 21	13 19-0315	EA	60" x 60", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	6,654.91 -1,453.08 214.38	168.60
10 21	13 19-0316	EA	60" x 78", Overhead Braced, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,369.99 -1,614.91 214.38	174.31
10 21	13 19-0317		Floor And Ceiling Anchored, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small> Note: Excludes above ceiling steel.		
10 21	13 19-0318	EA	36" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,664.61 -529.31 -1,217.42 214.38	185.75
10 21	13 19-0319	EA	60" x 60", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,620.01 -1,661.90 214.38	197.18
10 21	13 19-0320	EA	60" x 78", Floor And Ceiling Anchored, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	8,334.54 -1,823.61 214.38	202.89
10 21	13 19-0321		Ceiling Hung, Solid Polyester (Corian), Complete Toilet Partitions <small>(10 21 13 19-0308)</small> Note: Excludes above ceiling steel.		
10 21	13 19-0322	EA	36" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete Toilet Partition <i>For >10, Deduct</i> <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	5,714.95 -528.63 -1,215.86 214.38	214.32
10 21	13 19-0323	EA	60" x 60", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	7,311.75 -1,577.85 214.38	225.76
10 21	13 19-0324	EA	60" x 78", Ceiling Hung, Solid Polyester (Corian), One Compartment Corner Unit, Complete ADA Compliant Toilet Partition <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinges And Brackets, Add</i>	8,026.27 -1,739.57 214.38	231.47
10 21	13 19-0325		Solid Polyester (Corian) Urinal Screens <small>(10 21 13 19-0307)</small>		
10 21	13 19-0326		Floor Anchored, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		

10	10	Specialties
	10 20	Interior Specialties
	10 21	Compartments and Cubicles



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0327	EA		24" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,334.75 -270.20 59.40	79.99
10 21 13 19-0328	EA		36" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,768.05 -367.23 59.40	85.69
10 21 13 19-0329	EA		48" x 58" x 1/2", Floor Anchored, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,201.35 -464.26 59.40	91.41
10 21 13 19-0330			Wall Hung, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0331	EA		18" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	676.69 -124.10 59.40	68.55
10 21 13 19-0332	EA		24" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	867.97 -165.47 59.40	74.27
10 21 13 19-0333	EA		30" x 42" x 1/2", Wall Hung, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,059.26 -206.84 59.40	79.99
10 21 13 19-0334			Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0335	EA		18" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	888.68 -170.23 59.40	74.27
10 21 13 19-0336	EA		24" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,111.05 -218.75 59.40	79.99
10 21 13 19-0337	EA		30" x 58" x 1/2", Wall Hung And Post Supported, Solid Polyester (Corian), Urinal Screen..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,333.40 -267.26 59.40	85.69
10 21 13 19-0338			Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screens <small>(10 21 13 19-0325)</small>		
10 21 13 19-0339	EA		22" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,369.30 -280.77 59.40	74.27
10 21 13 19-0340	EA		34" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,802.59 -377.80 59.40	79.99
10 21 13 19-0341	EA		46" x 58" x 1/2", Wall Hung And Overhead Braced, Solid Polyester (Corian), Urinal Screen <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	2,235.89 -474.84 59.40	85.69
10 21 13 19-0342			Solid Polyester (Corian) Toilet Partition Doors, Panels And Pilasters <small>(10 21 13 19-0307)</small>		
10 21 13 19-0343			Solid Polyester (Corian), Toilet Partition Doors <small>(10 21 13 19-0342)</small>		
10 21 13 19-0344	EA		24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,065.22 -234.49 95.58	22.86
10 21 13 19-0345	EA		26" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,138.09 -251.25 95.58	22.86
10 21 13 19-0346	EA		30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,297.91 -286.69 95.58	25.72
10 21 13 19-0347	EA		34" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,448.28 -321.27 95.58	25.72
10 21 13 19-0348	EA		36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Door <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Hinge, Add</i>	1,513.70 -336.32 95.58	25.72
10 21 13 19-0349			Solid Polyester (Corian), Toilet Partition Panels <small>(10 21 13 19-0342)</small>		
10 21 13 19-0350	EA		6" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	279.50 -48.51 59.40	34.29
10 21 13 19-0351	EA		12" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	496.17 -97.03 59.40	37.15
10 21 13 19-0352	EA		18" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	712.81 -145.54 59.40	40.01
10 21 13 19-0353	EA		24" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	929.47 -194.06 59.40	42.87
10 21 13 19-0354	EA		30" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i> <i>For Heavy Gauge Full-Height SS Brackets, Add</i>	1,146.11 -242.57 59.40	45.72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21 13 19-0355	EA		36" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,362.75 -291.09	48.58
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0356	EA		42" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,579.40 -339.60	51.44
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0357	EA		48" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,796.05 -388.12	54.30
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0358	EA		55" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,047.85 -444.71	57.15
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0359	EA		58" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,155.62 -468.98	58.29
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0360	EA		60" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,229.35 -485.15	60.01
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0361	EA		70" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,586.61 -566.00	62.87
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0362	EA		78" x 58" x 1/2", Solid Polyester (Corian), Toilet Partition Panel..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,873.57 -630.69	65.72
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0363			72" Long, Solid Polyester (Corian), Toilet Partition Pilasters <small>(10 21 13 19-0342)</small>		
10 21 13 19-0364	EA		Up To 4" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	365.34 -76.14	17.15
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0365	EA		5" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	453.82 -95.18	20.00
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0366	EA		6" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	542.29 -114.21	22.86
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0367	EA		8" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	713.56 -152.29	25.72
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0368	EA		10" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	884.79 -190.36	28.57
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0369	EA		12" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,056.03 -228.43	31.43
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0370	EA		18" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,558.31 -342.64	34.29
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0371	EA		22" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,895.10 -418.78	37.15
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0372	EA		24" x 72" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,066.34 -456.85	40.01
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0373			82" Long, Solid Polyester (Corian), Toilet Partition Pilasters <small>(10 21 13 19-0342)</small>		
10 21 13 19-0374	EA		Up To 4" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	411.31 -86.71	17.15
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0375	EA		5" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	511.31 -108.40	20.00
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0376	EA		6" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	600.49 -127.60	22.86
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0377	EA		8" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	819.88 -176.74	25.72
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0378	EA		10" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	999.73 -216.79	28.57
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0379	EA		12" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,193.96 -260.15	31.43
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0380	EA		18" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	1,765.23 -390.23	34.29
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0381	EA		22" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,147.99 -476.95	37.15
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	
10 21 13 19-0382	EA		24" x 82" x 1", Solid Polyester (Corian), Toilet Partition Pilaster..... <i>For Solid Color Material (No Particulate), Deduct</i>	2,342.22 -520.31	40.01
			<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40	

10 Specialties**10 20 Interior Specialties****10 21 Compartments and Cubicles**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 21 13 19-0383		96" To 120" Long, Solid Polyester (Corian), Toilet Partition Pilasters <small>(10 21 13 19-0342)</small>			
10 21 13 19-0384	EA	Up To 4" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	542.29		22.86
		<i>For Solid Color Material (No Particulate), Deduct</i>	-114.21		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0385	EA	5" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	672.16		25.72
		<i>For Solid Color Material (No Particulate), Deduct</i>	-142.77		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0386	EA	6" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	802.03		28.57
		<i>For Solid Color Material (No Particulate), Deduct</i>	-171.32		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0387	EA	8" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,056.03		31.43
		<i>For Solid Color Material (No Particulate), Deduct</i>	-228.43		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0388	EA	10" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,310.03		34.29
		<i>For Solid Color Material (No Particulate), Deduct</i>	-285.53		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0389	EA	12" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	1,564.03		37.15
		<i>For Solid Color Material (No Particulate), Deduct</i>	-342.64		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0390	EA	18" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	2,314.63		40.01
		<i>For Solid Color Material (No Particulate), Deduct</i>	-513.96		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0391	EA	22" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	2,816.93		42.87
		<i>For Solid Color Material (No Particulate), Deduct</i>	-628.18		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 19-0392	EA	24" x 96" To 120" x 1", Solid Polyester (Corian), Toilet Partition Pilaster.....	3,070.94		45.72
		<i>For Solid Color Material (No Particulate), Deduct</i>	-685.28		
		<i>For Heavy Gauge Full-Height SS Brackets, Add</i>	59.40		
10 21 13 43		Compartments and Cubicles Common Accessories <small>(10 21 13)</small>			
10 21 13 43-0001		Accessories <small>(10 21 13 43)</small>			
10 21 13 43-0002	LF	Extruded Aluminum Headrails For Toilet Partitions And Urinal Screens.....	13.76		2.29
10 21 13 43-0003	LF	Stainless Steel Headrails For Toilet Partitions And Urinal Screens.....	23.98		2.29
10 21 13 43-0004	EA	Replacement Of 1-1/2" x 58" Stainless Steel Wall Posts.....	120.93		
10 21 13 43-0005	EA	Replacement Of 58" Aluminum Wall U Bracket.....	72.11		
10 21 13 43-0006	EA	Replacement Of 58" Aluminum Wall Two Ear Bracket.....	120.07		
10 21 13 43-0007	EA	Replacement Of 54" Stainless Steel Wall U Bracket.....	92.59		
10 21 13 43-0008	EA	Replacement Of 54" Stainless Steel Wall Two Ear Bracket.....	225.54		
10 21 13 43-0009	EA	Replacement Of 54" Plastic Wall Two Ear Bracket, All Colors.....	186.85		
10 21 13 43-0010	EA	Replacement Of 57-1/2" Stainless Steel Hinge.....	150.25		
10 21 16		Shower and Dressing Compartments <small>(10 21)</small>			
10 21 16 17		Phenolic-Core Shower and Dressing Compartments <small>(10 21 16)</small>			
10 21 16 17-0001		Shower Dividers <small>(10 21 16 17)</small>			
10 21 16 17-0002		Solid Phenolic Core Laminated Plastic, Shower Dividers <small>(10 21 16 17-0001)</small>			
		Note: Cut to height in field, panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels.			
10 21 16 17-0003	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	1,276.54		142.88
		<i>For 66" High Panels, Add</i>	148.62		
10 21 16 17-0004	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	1,629.68		154.32
		<i>For 66" High Panels, Add</i>	198.16		
10 21 16 17-0005	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	2,135.77		171.46
		<i>For 66" High Panels, Add</i>	268.93		
10 21 16 17-0006	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	2,523.16		200.04
		<i>For 66" High Panels, Add</i>	318.47		
10 21 16 17-0007	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider.....	2,910.59		228.61
		<i>For 66" High Panels, Add</i>	368.00		
10 21 16 17-0008		Solid Phenolic Core Laminated Plastic, Shower Dividers With Headrail And Curtain Track <small>(10 21 16 17-0001)</small>			
		Note: Cut to height in field. Panels 58" high. Posts 1-1/4" square, 304 stainless steel satin finish. 1/2" thick panels. Includes 3/4" stiles, 85" from floor to top of headrail. Headrail 4" wide. All stainless steel shoes and stainless steel fittings. Leveling devices are chromate treated double zinc plated steel. Overhead braced designed with concealed curtain tracks and hooks in headrail.			
10 21 16 17-0009	EA	18" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track.....	3,175.73		251.13
		<i>For 66" High Panels, Add</i>	451.25		
		<i>For 6" Wide Head Rail, Add</i>	85.23		
		<i>For 8" Wide Head Rail, Add</i>	116.98		
		<i>For 10" Wide Head Rail, Add</i>	143.72		
		<i>For 12" Wide Head Rail, Add</i>	172.97		
		<i>For 18" Wide, 1/2" Thick Bench, Add</i>	135.22		
		<i>For 24" Wide, 1/2" Thick Bench, Add</i>	175.22		

Specialties	10	10
Interior Specialties	10 20	
Compartments and Cubicles	10 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 21	16 17-0010	EA	24" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	3,955.91	274.22
			<i>For 66" High Panels, Add</i>	565.96	
			<i>For 6" Wide Head Rail, Add</i>	107.71	
			<i>For 8" Wide Head Rail, Add</i>	147.27	
			<i>For 10" Wide Head Rail, Add</i>	181.34	
			<i>For 12" Wide Head Rail, Add</i>	218.16	
			<i>For 18" Wide, 1/2" Thick Bench, Add</i>	139.85	
			<i>For 24" Wide, 1/2" Thick Bench, Add</i>	179.85	
10 21	16 17-0011	EA	36" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,039.04	291.59
			<i>For 66" High Panels, Add</i>	726.70	
			<i>For 6" Wide Head Rail, Add</i>	139.51	
			<i>For 8" Wide Head Rail, Add</i>	189.90	
			<i>For 10" Wide Head Rail, Add</i>	234.46	
			<i>For 12" Wide Head Rail, Add</i>	281.93	
			<i>For 18" Wide, 1/2" Thick Bench, Add</i>	143.32	
			<i>For 24" Wide, 1/2" Thick Bench, Add</i>	183.32	
10 21	16 17-0012	EA	48" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	5,370.43	326.22
			<i>For 66" High Panels, Add</i>	772.94	
			<i>For 6" Wide Head Rail, Add</i>	148.06	
			<i>For 8" Wide Head Rail, Add</i>	201.77	
			<i>For 10" Wide Head Rail, Add</i>	248.95	
			<i>For 12" Wide Head Rail, Add</i>	299.39	
			<i>For 18" Wide, 1/2" Thick Bench, Add</i>	150.24	
			<i>For 24" Wide, 1/2" Thick Bench, Add</i>	190.24	
10 21	16 17-0013	EA	57" Wide, Solid Phenolic Core Laminated Plastic, Shower Divider With Headrail And Curtain Track	6,160.95	354.57
			<i>For 66" High Panels, Add</i>	888.69	
			<i>For 6" Wide Head Rail, Add</i>	170.65	
			<i>For 8" Wide Head Rail, Add</i>	232.26	
			<i>For 10" Wide Head Rail, Add</i>	286.77	
			<i>For 12" Wide Head Rail, Add</i>	344.84	
			<i>For 18" Wide, 1/2" Thick Bench, Add</i>	155.91	
			<i>For 24" Wide, 1/2" Thick Bench, Add</i>	195.91	

10 22 Partitions (10 20)

10 22 13 Wire Mesh Partitions (10 22)

10 22 13 00-0001 Wall Panels (10 22 13)

Note: Includes steel frame and posts. Posts bolted to floor.

10 22	13 00-0002	SF	Wire Mesh Wall Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.34	1.43
			<i>For 5' Wide Panels, Add</i>	0.62	
10 22	13 00-0003	SF	Wire Mesh Wall Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	16.97	1.71
			<i>For 5' Wide Panels, Add</i>	0.68	
10 22	13 00-0004	SF	Wire Mesh Wall Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	25.91	2.00
			<i>For 5' Wide Panels, Add</i>	1.10	

10 22 13 00-0005 Ceiling Panels (10 22 13)

Note: Includes steel frame.

10 22	13 00-0006	SF	Wire Mesh Ceiling Panel, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	15.85	1.71
10 22	13 00-0007	SF	Wire Mesh Ceiling Panel, 8 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	17.49	2.00
10 22	13 00-0008	SF	Wire Mesh Ceiling Panel, 6 Gauge, Diamond Pattern With Vertical And Horizontal Frames And Posts	19.35	2.29

10 22 13 00-0009 Sliding Doors (10 22 13)

Note: Includes padlocks lugs and/or provisions for cylinder lock.

10 22	13 00-0010	EA	4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,420.06	300.05
			<i>For 8 Gauge, Add</i>	153.00	
			<i>For 6 Gauge, Add</i>	306.00	
10 22	13 00-0011	EA	4' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,494.05	331.49
			<i>For 8 Gauge, Add</i>	157.81	
			<i>For 6 Gauge, Add</i>	315.62	
10 22	13 00-0012	EA	5' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,636.42	342.92
			<i>For 8 Gauge, Add</i>	176.88	
			<i>For 6 Gauge, Add</i>	353.76	
10 22	13 00-0013	EA	5' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,785.30	371.50
			<i>For 8 Gauge, Add</i>	193.50	
			<i>For 6 Gauge, Add</i>	386.99	
10 22	13 00-0014	EA	6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	1,844.92	394.35
			<i>For 8 Gauge, Add</i>	197.87	
			<i>For 6 Gauge, Add</i>	395.73	
10 22	13 00-0015	EA	6' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,032.39	417.22
			<i>For 8 Gauge, Add</i>	221.42	
			<i>For 6 Gauge, Add</i>	442.83	
10 22	13 00-0016	EA	8' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock	2,184.21	448.65
			<i>For 8 Gauge, Add</i>	237.90	
			<i>For 6 Gauge, Add</i>	475.80	

10 Specialties**10 20 Interior Specialties****10 22 Partitions**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0017	EA		8' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,379.86	468.65
			For 8 Gauge, Add	263.25	
			For 6 Gauge, Add	526.50	
10 22 13 00-0018	EA		10' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,399.95	480.09
			For 8 Gauge, Add	263.98	
			For 6 Gauge, Add	527.95	
10 22 13 00-0019	EA		10' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Sliding Door, With Cylinder Lock.....	2,651.66	508.66
			For 8 Gauge, Add	296.02	
			For 6 Gauge, Add	592.03	
10 22 13 00-0020			Swing Doors <small>(10 22 13)</small>		
10 22 13 00-0021			Single Swing Door <small>(10 22 13 00-0020)</small>		
10 22 13 00-0022	EA		3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	973.05	177.17
			For 8 Gauge, Add	107.86	
			For 6 Gauge, Add	215.71	
10 22 13 00-0023	EA		3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,047.69	200.04
			For 8 Gauge, Add	117.15	
			For 6 Gauge, Add	234.29	
10 22 13 00-0024	EA		3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,123.36	211.46
			For 8 Gauge, Add	126.21	
			For 6 Gauge, Add	252.42	
10 22 13 00-0025	EA		4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,104.85	228.61
			For 8 Gauge, Add	120.00	
			For 6 Gauge, Add	240.01	
10 22 13 00-0026	EA		4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,183.30	240.04
			For 8 Gauge, Add	129.49	
			For 6 Gauge, Add	258.97	
10 22 13 00-0027	EA		4' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Swing Door, With Cylinder Lock.....	1,236.30	251.47
			For 8 Gauge, Add	135.15	
			For 6 Gauge, Add	270.30	
10 22 13 00-0028			Double Swing Doors <small>(10 22 13 00-0020)</small>		
10 22 13 00-0029	EA		6' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,541.57	285.76
			For 8 Gauge, Add	174.08	
			For 6 Gauge, Add	348.17	
10 22 13 00-0030	EA		6' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,669.35	302.91
			For 8 Gauge, Add	189.82	
			For 6 Gauge, Add	379.64	
10 22 13 00-0031	EA		6' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,797.12	320.05
			For 8 Gauge, Add	205.56	
			For 6 Gauge, Add	411.11	
10 22 13 00-0032	EA		8 x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	1,929.11	342.92
			For 8 Gauge, Add	220.78	
			For 6 Gauge, Add	441.57	
10 22 13 00-0033	EA		8 x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	2,114.15	360.06
			For 8 Gauge, Add	245.11	
			For 6 Gauge, Add	490.22	
10 22 13 00-0034	EA		8 x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Double Swing Door, With Cylinder Lock.....	2,297.03	377.21
			For 8 Gauge, Add	269.11	
			For 6 Gauge, Add	538.23	
10 22 13 00-0035			Dutch Doors <small>(10 22 13)</small>		
			Note: Includes padlocks lugs and/or provisions for cylinder lock.		
10 22 13 00-0036	EA		3' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,329.39	177.17
			For 8 Gauge, Add	161.31	
			For 6 Gauge, Add	322.61	
10 22 13 00-0037	EA		3' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,410.39	200.04
			For 8 Gauge, Add	171.55	
			For 6 Gauge, Add	343.10	
10 22 13 00-0038	EA		3' x 9' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,450.82	211.46
			For 8 Gauge, Add	175.33	
			For 6 Gauge, Add	350.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 13 00-0039	EA		3' x 10' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,525.53	240.04
			<i>For 8 Gauge, Add</i>	180.82	
			<i>For 6 Gauge, Add</i>	361.64	
10 22 13 00-0040	EA		4' x 7' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,466.35	228.61
			<i>For 8 Gauge, Add</i>	174.23	
			<i>For 6 Gauge, Add</i>	348.46	
10 22 13 00-0041	EA		4' x 8' Wire Mesh, 10 Gauge, Diamond Pattern With Vertical And Horizontal Frames Dutch Door, With Cylinder Lock.....	1,556.13	240.04
			<i>For 8 Gauge, Add</i>	185.41	
			<i>For 6 Gauge, Add</i>	370.82	

10 22 19 Demountable Partitions (10 22)

10 22 19 13 Demountable Metal Partitions (10 22 19)

10 22 19 13-0001	LF		9' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	172.22	18.18
			<i>For >9, Add 21.53</i>		
10 22 19 13-0002	LF		7' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	151.38	14.48
			<i>For >9, Add 18.92</i>		
10 22 19 13-0003	LF		5' High Demountable Partition, 1.75 System, Aluminum Framed, Vinyl Clad Hardboard, Paper Honeycomb Core, 1.75"/2.5" Thick	130.54	10.88
			<i>For >9, Add 16.32</i>		
10 22 19 13-0004	LF		9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panel, 48" Wide, Backed Enamel.....	162.70	14.48
			<i>For >9, Add 20.34</i>		
10 22 19 13-0005	LF		9' High Demountable Partition, Moveable Steel Wall, Mod System, Unitized Panels, 48" Wide, Fabric.....	235.94	15.57
			<i>For >9, Add 29.49</i>		

10 22 19 43 Demountable Composite Partitions (10 22 19)

10 22 19 43-0001	LF		Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Vinyl Clad	267.28	18.18
			<i>For >9, Add 33.41</i>		
10 22 19 43-0002	LF		Demountable Partition, Mineral Fiber System, Unitized Panel, 9' High, 2-1/4" Thick, Aluminum Frame, Fabric Clad	335.16	19.81
			<i>For >9, Add 41.90</i>		
10 22 19 43-0003	SF		Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	56.29	2.72
			<i>For Acoustical Partitions, Add</i>	5.09	
10 22 19 43-0004	SF		Partition, Trackless Wall, Cork Finish, Semi-Acoustic, 1-5/8" Thick	70.28	4.57
			<i>For Acoustical Partitions, Add</i>	6.11	
10 22 19 43-0005	SF		Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick.....	60.05	2.83
			<i>For Acoustical Partitions, Add</i>	5.43	
10 22 19 43-0006	SF		Partition, Trackless Wall, Cork Finish, Acoustic, 2" Thick.....	85.91	3.92
			<i>For Acoustical Partitions, Add</i>	7.82	

10 22 19 53 Demountable Gypsum Partitions (10 22 19)

10 22 19 53-0001 Demountable Gypsum Partitions (10 22 19 53)

10 22 19 53-0002	LF		9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Vinyl Clad	98.02	18.18
			<i>For >9, Add 12.25</i>		
10 22 19 53-0003	LF		9' High Demountable Partition Gypsum System, 2" To 2.5" Steel Standard, 3" To 3-3/4" Thick, Fabric Clad	164.66	19.81
			<i>For >9, Add 20.58</i>		
10 22 19 53-0004	LF		9' High Demountable Partition Gypsum System, 2" To 2.5", Steel Standard, 3" To 3-3/4" Thick, Steel Clad	177.26	21.77
			<i>For >9, Add 22.16</i>		
10 22 19 53-0005	LF		9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Vinyl Clad.....	216.31	18.18
			<i>For >9, Add 27.04</i>		
10 22 19 53-0006	LF		9' High Demountable Partition Gypsum System, Unitized Panel, 2" To 2-1/2" Thick, Fabric Clad	362.33	19.81
			<i>For >9, Add 45.29</i>		

10 22 23 Portable Partitions, Screens, and Panels (10 22)

Note: Includes standard units, standard height glass and glazing. For 25 percent and 50 percent glass 1/4" plate glass is used. For 100 percent glass 1/4" tempered plate is used.

10 22 23 23 Movable Panel Systems (10 22 23)

10 22 23 23-0001 Portable Partitions (10 22 23 23)

10 22 23 23-0002	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 4' High	340.19	8.71
10 22 23 23-0003	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 5' High	362.52	9.68
10 22 23 23-0004	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 3'-0" Long, 6' High	430.95	11.65
10 22 23 23-0005	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 4' High	251.20	5.01
10 22 23 23-0006	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 5' High	266.44	5.76
10 22 23 23-0007	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 5'-0" Long, 6' High	299.35	6.96
10 22 23 23-0008	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Straight, 6'-0" Long, 5' High	255.39	5.33
10 22 23 23-0009	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 5' High	454.26	9.68
10 22 23 23-0010	LF		Partition, Portable, Divided Panel, Freestanding, Fiber Core, Fabric Face Curved, 3'-0" Long, 6' High	498.90	11.65
10 22 23 23-0011	LF		Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 5' High	264.62	6.64
10 22 23 23-0012	LF		Partitions, Portable, Economical Panels, Fabric Face, 4'-0" Long, 6' High	300.96	7.73
10 22 23 23-0013	LF		Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 5' High	242.66	5.76
10 22 23 23-0014	LF		Partitions, Portable, Economical Panels, Fabric Face, 5'-0" Long, 6' High	272.17	6.96
10 22 23 23-0015	LF		Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 5' High.....	403.29	9.68
10 22 23 23-0016	LF		Partitions, Portable, Economical Panels, Fabric Face, 3'-0" Curved, 6' High.....	454.73	11.65
10 22 23 23-0017	LF		Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 5' High	410.09	9.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 23 23-0018	LF		Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 3'-0" Long, 6' High	498.90	11.65
10 22 23 23-0019	LF		Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 5' High	317.41	5.76
10 22 23 23-0020	LF		Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 5'-0" Long, 6' High	357.11	6.96
10 22 23 23-0021	LF		Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 5' High	335.23	5.33
10 22 23 23-0022	LF		Partitions, Portable, Acoustic Panels, 60 To 90 NRC, 6'-0" Long, 6' High	399.96	6.31
10 22 23 23-0023	LF		Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 5' High	193.27	6.64
10 22 23 23-0024	LF		Partitions, Portable, Economical Acoustic Panels, 40 NRC, 4'-0" Long, 6' High	227.91	7.73
10 22 23 23-0025	LF		Partitions, Portable, Economical Acoustic Panels, 40 NRC, 5'-0" Long, 6' High	205.91	6.96
10 22 23 23-0026	LF		Partitions, Portable, Economical Acoustic Panels, 40 NRC, 6'-0" Long, 5' High	150.06	5.33
10 22 23 23-0027	LF		Partitions, Portable, Metal Chalkboard, 6'-6" High, 1 Side	244.99	6.96
10 22 23 23-0028	LF		Partitions, Portable, Metal Chalkboard, 2 Sides	279.53	7.30
10 22 23 23-0029	LF		Partitions, Portable, Tackboard, Both Sides	224.82	7.07
10 22 23 23-0030			Adjustable Barrier Panel System (Edge Guard) (10 22 23 23)		
			Note: Panels are opal or transparent. Includes self-leveling floor channel, 1/4" foam gasket to conform to ceiling, edge gaskets, grid clips, and cam locks.		
10 22 23 23-0031	EA		4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4000)	1,011.16	
10 22 23 23-0032	EA		3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4001)	959.91	
10 22 23 23-0033	EA		2' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4002)	754.92	
10 22 23 23-0034	EA		2' Wide x 7'-8" To 10' High With High Efficiency Particulate Air (HEPA) Filtered Air Discharge Port, Fire Rated Containment Panel Assembly (Edge Guard 4002.1)	874.50	
10 22 23 23-0035	EA		3' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 32" Door (Edge Guard 4010)	1,549.28	
			Note: Includes a hydraulic closer and a lever style lockset standard.		
10 22 23 23-0036	EA		4' Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 44" Door (Edge Guard 4003)	1,720.11	
10 22 23 23-0037	EA		4'-4" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly With 48" Door (Edge Guard 4008)	2,061.77	
			Note: Includes a hydraulic closer and a lever style lockset standard.		
10 22 23 23-0038	EA		7'-8" To 10' High, Hinged Corner Assembly (Edge Guard 4004)	338.90	
10 22 23 23-0039	EA		6" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4005)	462.87	
10 22 23 23-0040	EA		12" Wide x 7'-8" To 10' High, Fire Rated Containment Panel Assembly (Edge Guard 4006)	497.04	
10 22 23 23-0041	EA		7'-8" To 10' High, Outside Corner Post (Edge Guard 4007)	279.10	
10 22 23 23-0042	EA		7'-8" To 10' High, "T" Post Corner Assembly (Edge Guard 4009)	279.10	
10 22 23 23-0043	EA		Closure Strips (Edge Guard 3003)	18.70	
			Note: To seal panels to existing walls		
10 22 23 23-0044	EA		Digital Differential Pressure Gauge Kit (Edge Guard 3005)	475.50	
10 22 33			Accordion Folding Partitions (10 22)		
10 22 33 00-0001			Accordion Doors/Partitions (10 22 33)		
			Note: Includes top support track and assembled panels.		
10 22 33 00-0002	SF		15 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	92.41	5.39
			For <135, Add	18.48	
10 22 33 00-0003	SF		20 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	93.82	5.57
			For <135, Add	18.76	
10 22 33 00-0004	SF		31 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	98.28	5.74
			For <135, Add	19.66	
10 22 33 00-0005	SF		35 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	104.32	5.94
			For <135, Add	20.86	
10 22 33 00-0006	SF		39 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	106.12	6.11
			For <135, Add	21.22	
10 22 33 00-0007	SF		40 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	107.38	6.29
			For <135, Add	21.48	
10 22 33 00-0008	SF		41 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	108.61	6.47
			For <135, Add	21.72	
10 22 33 00-0009	SF		44 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	110.13	6.82
			For <135, Add	22.03	
10 22 33 00-0010	SF		Accordion Partition (Soundmaster Model 8M)	53.85	8.71
10 22 33 00-0011	SF		47 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	116.83	6.82
			For <135, Add	23.37	
10 22 33 00-0012	SF		50 STC Rating, Accordion Door/Partition With Standard Vinyl Finish	123.54	6.82
			For <135, Add	24.71	
10 22 43			Sliding Partitions (10 22)		
10 22 43 00-0001			Operable Wall (10 22 43)		
			Note: Includes top support track, assembled panel and frames.		
10 22 43 00-0002	SF		Up To 720 SF, Up To 12' Height Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	245.31	21.85
			Note: Includes pocket door, two ADA pass doors, track and hardware.		
			For 43 STC, Deduct	-11.62	
			For 49 STC, Add	14.75	
			For 52 STC, Add	22.35	
10 22 43 00-0003	SF		>720 To 1,200 SF, Up To 12 High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating	228.12	17.60
			Note: Includes pocket door, two ADA pass doors, track and hardware.		
			For 43 STC, Deduct	-11.37	
			For 49 STC, Add	14.43	
			For 52 STC, Add	21.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 22 43 00-0004	SF	>1,200 SF, Up To 12' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	215.43	14.61	
		Note: Includes pocket door, two ADA pass doors, track and hardware.			
		For 43 STC, Deduct	-11.13		
		For 49 STC, Add	14.13		
		For 52 STC, Add	21.41		
10 22 43 00-0005	SF	Up To 1,080 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	209.34	15.36	
		Note: Includes pocket door, two ADA pass doors, track and hardware.			
		For 43 STC, Deduct	-10.58		
		For 49 STC, Add	13.43		
		For 52 STC, Add	20.35		
10 22 43 00-0006	SF	>1,080 To 1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	196.14	12.48	
		Note: Includes pocket door, two ADA pass doors, track and hardware.			
		For 43 STC, Deduct	-10.28		
		For 49 STC, Add	13.05		
		For 52 STC, Add	19.77		
10 22 43 00-0007	SF	>1,800 SF, >12' To 18' High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	188.31	11.23	
		Note: Includes pocket door, two ADA pass doors, track and hardware.			
		For 43 STC, Deduct	-10.03		
		For 49 STC, Add	12.73		
		For 52 STC, Add	19.30		
10 22 43 00-0008	SF	Up To 1,440 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	186.05	12.10	
		Note: Includes pocket door, two ADA pass doors, track and hardware.			
		For 43 STC, Deduct	-9.72		
		For 49 STC, Add	12.33		
		For 52 STC, Add	18.68		
10 22 43 00-0009	SF	>1,440 To 2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	175.96	10.36	
		Note: Includes pocket door, two ADA pass doors, track and hardware.			
		For 43 STC, Deduct	-9.41		
		For 49 STC, Add	11.94		
		For 52 STC, Add	18.09		
10 22 43 00-0010	SF	>2,400 SF, >18' To 22'-3" High Continuously Hinged Electric Operable Wall, Vinyl Finish, Top And Bottom Sweep Seals, 47 STC Rating.....	169.01	9.24	
		Note: Includes pocket door, two ADA pass doors, track and hardware.			
		For 43 STC, Deduct	-9.17		
		For 49 STC, Add	11.64		
		For 52 STC, Add	17.63		
10 22 43 00-0011	SF	Up To 160 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating.....	185.74	14.61	
		Note: Includes pocket door, track and hardware.			
		For 44 STC, Deduct	-9.18		
		For 49 STC, Add	11.66		
		For 52 STC, Add	17.66		
10 22 43 00-0012	SF	>160 To 240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating.....	171.23	11.11	
		Note: Includes pocket door, track and hardware.			
		For 44 STC, Deduct	-8.94		
		For 49 STC, Add	11.35		
		For 52 STC, Add	17.19		
10 22 43 00-0013	SF	>240 SF, 10' Height Paired Panel Manual Operable Wall, Vinyl Finish, Top Sweep Seals And Mechanical Bottom Seals, 47 STC Rating.....	162.83	9.37	
		Note: Includes pocket door, track and hardware.			
		For 44 STC, Deduct	-8.73		
		For 49 STC, Add	11.08		
		For 52 STC, Add	16.80		
10 22 43 00-0014	SF	Partitions, Operable Acoustical Single Or Paired Panel (Modernfold Acousti-Seal® 932S/931S).....	101.21	14.37	

10 26 Wall and Door Protection (10 20)

10 26 13 Corner Guards (10 26)

10 26 13 00-0001	Vinyl Corner Guards	<small>(10 26 13)</small>		
10 26 13 00-0002	Rigid Vinyl Corner Guards	<small>(10 26 13 00-0001)</small>		
10 26 13 00-0003	Surface Mounted, Rigid Vinyl Corner Guards	<small>(10 26 13 00-0002)</small>		
10 26 13 00-0004	90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards	<small>(10 26 13 00-0003)</small>		
10 26 13 00-0005	LF	3/4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-34).....	7.97	3.43
		For >50 To 100, Deduct	-1.43	
		For >100 To 200, Deduct	-2.00	
		For >200, Deduct	-2.69	
10 26 13 00-0006	LF	1-1/2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-12).....	8.52	3.43
		For >50 To 100, Deduct	-1.43	
		For >100 To 200, Deduct	-2.00	
		For >200, Deduct	-2.71	
10 26 13 00-0007	LF	3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-13).....	11.56	3.43
		For >50 To 100, Deduct	-1.43	
		For >100 To 200, Deduct	-2.00	
		For >200, Deduct	-2.87	

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0008	LF		4" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-14) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	15.37 -1.43 -2.00 -3.06	3.43
10 26 13 00-0009			135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards (10 26 13 00-0003)		
10 26 13 00-0010	LF		1-1/2" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard (Pawling CG-1245) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i>	14.68 -1.43 -2.00 -3.02	3.43
10 26 13 00-0011			Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0001) Note: Includes closure caps.		
10 26 13 00-0012			Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0011)		
10 26 13 00-0013			90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)		
10 26 13 00-0014	LF		2" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-20) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	14.77 -2.14 -3.00 -4.17 -1.24	5.14
10 26 13 00-0015	LF		3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-10) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	16.46 -2.14 -3.00 -4.25 -1.58	5.14
10 26 13 00-0016	LF		Bullnose 3" Wing, 90 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-30) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	18.15 -2.14 -3.00 -4.34 -1.92	5.14
10 26 13 00-0017			135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012)		
10 26 13 00-0018	LF		3" Wing, 135 Degree Angle, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-135) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	21.31 -2.14 -3.00 -4.49 -2.55	5.14
10 26 13 00-0019			End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0012) Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0020	LF		2" Wing, End Wall Protector, Surface Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-11) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Recycled Vinyl Retainer, Deduct</i>	30.23 -2.86 -4.00 -6.08 -3.76	6.85
10 26 13 00-0021			Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0011)		
10 26 13 00-0022			90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0021)		
10 26 13 00-0023	LF		2" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-72) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Up To 2 HR Fire Rated, Add</i>	19.63 -2.14 -3.00 -4.41 7.74	5.14
10 26 13 00-0024	LF		3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-7) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Up To 2 HR Fire Rated, Add</i>	23.64 -2.14 -3.00 -4.61 10.55	5.14
10 26 13 00-0025	LF		Bullnose 3" Wing, 90 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-32) <i>For >50 To 100, Deduct</i> <i>For >100 To 200, Deduct</i> <i>For >200, Deduct</i> <i>For Up To 2 HR Fire Rated, Add</i>	21.92 -2.14 -3.00 -4.52 9.35	5.14
10 26 13 00-0026			135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers (10 26 13 00-0021)		

Specialties	10	10
Interior Specialties	10 20	
Wall and Door Protection	10 26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0027 LF 3" Wing, 135 Degree Angle, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-75) .....25.35 <i>For >50 To 100, Deduct -2.14</i> <i>For >100 To 200, Deduct -3.00</i> <i>For >200, Deduct -4.70</i> <i>For Up To 2 HR Fire Rated, Add 11.75</i>	25.35	5.14
10 26 13 00-0028 End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guards With Aluminum Retainers <small>(10 26 13 00-0021)</small> Note: Includes two rigid vinyl corner guards with aluminum retainers and a vinyl wall covering filler strip inserted between guards.		
10 26 13 00-0029 LF 2" Wing, End Wall Protector, Flush Mounted, Rigid Vinyl Corner Guard With Aluminum Retainer (Pawling CG-888) .....53.02 <i>For >50 To 100, Deduct -2.86</i> <i>For >100 To 200, Deduct -4.00</i> <i>For >200, Deduct -7.22</i> <i>For Up To 2 HR Fire Rated, Add 29.12</i>	53.02	6.85
10 26 13 00-0030 Flexible Vinyl Corner Guards <small>(10 26 13 00-0001)</small> Note: Includes adhesive for installation.		
10 26 13 00-0031 Surface Mounted, Flexible Vinyl Corner Guards <small>(10 26 13 00-0030)</small>		
10 26 13 00-0032 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guards <small>(10 26 13 00-0031)</small>		
10 26 13 00-0033 LF 1-3/4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-9) .....10.94 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.84</i> <i>For Bolting To Concrete Or Masonry, Add 2.50</i>	10.94	3.43
10 26 13 00-0034 LF 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-3) .....13.95 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.99</i> <i>For Bolting To Concrete Or Masonry, Add 2.95</i>	13.95	3.43
10 26 13 00-0035 LF 4" Wing, 90 Degree Angle, Surface Mounted, Flexible Vinyl Corner Guard (Pawling CG-15) .....16.40 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -3.11</i> <i>For Bolting To Concrete Or Masonry, Add 3.32</i>	16.40	3.43
10 26 13 00-0036 Polycarbonate Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0037 Surface Mounted, Polycarbonate Corner Guards <small>(10 26 13 00-0036)</small>		
10 26 13 00-0038 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guards <small>(10 26 13 00-0037)</small>		
10 26 13 00-0039 LF 3/4" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-16) .....7.29 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.65</i>	7.29	3.43
10 26 13 00-0040 LF 1-1/8" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-17) .....8.77 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.73</i>	8.77	3.43
10 26 13 00-0041 LF 2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-24) .....10.49 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.81</i>	10.49	3.43
10 26 13 00-0042 LF 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-18) .....11.54 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.87</i>	11.54	3.43
10 26 13 00-0043 LF Bullnose 2-1/2" Wing, 90 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-23) .....11.15 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.85</i>	11.15	3.43
10 26 13 00-0044 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guards <small>(10 26 13 00-0037)</small>		
10 26 13 00-0045 LF 2-1/2" Wing, 135 Degree Angle, Surface Mounted, Polycarbonate Corner Guard (Pawling CG-19) .....11.54 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.87</i>	11.54	3.43
10 26 13 00-0046 Aluminum Corner Guards <small>(10 26 13)</small>		
10 26 13 00-0047 Surface Mounted, Aluminum Corner Guards <small>(10 26 13 00-0046)</small>		
10 26 13 00-0048 90 Degree Angle, Surface Mounted, Aluminum Corner Guards <small>(10 26 13 00-0047)</small>		
10 26 13 00-0049 LF 1" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-400) .....10.29 <i>For >50 To 100, Deduct -1.43</i> <i>For >100 To 200, Deduct -2.00</i> <i>For >200, Deduct -2.80</i>	10.29	3.43

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26	13 00-0050	LF	2" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-401)	12.29	3.43
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 200, Deduct</i>	-2.00	
			<i>For >200, Deduct</i>	-2.90	
10 26	13 00-0051	LF	3" Wing, 90 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-402)	13.52	3.43
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 200, Deduct</i>	-2.00	
			<i>For >200, Deduct</i>	-2.96	
10 26	13 00-0052		135 Degree Angle, Surface Mounted, Aluminum Corner Guards <small>(10 26 13 00-0047)</small>		
10 26	13 00-0053	LF	1" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-403)	10.29	3.43
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 200, Deduct</i>	-2.00	
			<i>For >200, Deduct</i>	-2.80	
10 26	13 00-0054	LF	2" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-404)	12.29	3.43
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 200, Deduct</i>	-2.00	
			<i>For >200, Deduct</i>	-2.90	
10 26	13 00-0055	LF	3" Wing, 135 Degree Angle, Surface Mounted, Aluminum Corner Guard (Pawling CG-405)	13.52	3.43
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 200, Deduct</i>	-2.00	
			<i>For >200, Deduct</i>	-2.96	
10 26	13 00-0056		Steel Corner Guards <small>(10 26 13)</small>		
10 26	13 00-0057		Steel Angle Iron, Corner Guards <small>(10 26 13 00-0056)</small>		
10 26	13 00-0058		Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0057)</small>		
10 26	13 00-0059		90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guards <small>(10 26 13 00-0058)</small>		
10 26	13 00-0060	LF	1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	13.31	4.12
			<i>For Galvanizing, Add</i>	2.26	
			<i>For >50 To 100, Deduct</i>	-1.71	
			<i>For >100 To 200, Deduct</i>	-2.40	
			<i>For >200, Deduct</i>	-3.41	
10 26	13 00-0061	LF	2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	16.86	4.46
			<i>For Galvanizing, Add</i>	3.30	
			<i>For >50 To 100, Deduct</i>	-1.86	
			<i>For >100 To 200, Deduct</i>	-2.60	
			<i>For >200, Deduct</i>	-3.82	
10 26	13 00-0062	LF	2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	17.91	4.63
			<i>For Galvanizing, Add</i>	3.57	
			<i>For >50 To 100, Deduct</i>	-1.93	
			<i>For >100 To 200, Deduct</i>	-2.70	
			<i>For >200, Deduct</i>	-3.98	
10 26	13 00-0063	LF	3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	18.33	4.80
			<i>For Galvanizing, Add</i>	3.62	
			<i>For >50 To 100, Deduct</i>	-2.00	
			<i>For >100 To 200, Deduct</i>	-2.80	
			<i>For >200, Deduct</i>	-4.12	
10 26	13 00-0064	LF	3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	22.73	4.97
			<i>For Galvanizing, Add</i>	5.06	
			<i>For >50 To 100, Deduct</i>	-2.07	
			<i>For >100 To 200, Deduct</i>	-2.90	
			<i>For >200, Deduct</i>	-4.45	
10 26	13 00-0065	LF	4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	27.15	5.14
			<i>For Galvanizing, Add</i>	6.50	
			<i>For >50 To 100, Deduct</i>	-2.14	
			<i>For >100 To 200, Deduct</i>	-3.00	
			<i>For >200, Deduct</i>	-4.79	
10 26	13 00-0066	LF	6" x 6" x 1/4", 90 Degree Angle, Surface Mounted, Steel Angle Iron, Corner Guard	46.09	6.85
			<i>For Galvanizing, Add</i>	12.13	
			<i>For >50 To 100, Deduct</i>	-2.86	
			<i>For >100 To 200, Deduct</i>	-4.00	
			<i>For >200, Deduct</i>	-6.87	
10 26	13 00-0067		Stainless Steel Corner Guards <small>(10 26 13)</small>		
10 26	13 00-0068		Stainless Steel Corner Guards <small>(10 26 13 00-0067)</small>		
			Note: Includes 16 gauge, type 304 stainless steel corner guards with #4 satin finish.		
10 26	13 00-0069		Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0068)</small>		
10 26	13 00-0070		90 Degree Angle, Surface Mounted, Stainless Steel Corner Guards <small>(10 26 13 00-0069)</small>		
10 26	13 00-0071	LF	1" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-520).....	11.43	3.43
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 200, Deduct</i>	-2.00	
			<i>For >200, Deduct</i>	-2.86	
10 26	13 00-0072	LF	2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-510).....	13.18	3.43
			<i>For >50 To 100, Deduct</i>	-1.43	
			<i>For >100 To 200, Deduct</i>	-2.00	
			<i>For >200, Deduct</i>	-2.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 13 00-0073 LF 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-500).....	17.75	3.43
For >50 To 100, Deduct	-1.43	
For >100 To 200, Deduct	-2.00	
For >200, Deduct	-3.18	
10 26 13 00-0074 LF Bullnose 3-1/2" Wing, 90 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-550).....	17.75	3.43
For >50 To 100, Deduct	-1.43	
For >100 To 200, Deduct	-2.00	
For >200, Deduct	-3.18	
10 26 13 00-0075 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guards (10 26 13 00-0069)		
10 26 13 00-0076 LF 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-600).....	17.75	3.43
For >50 To 100, Deduct	-1.43	
For >100 To 200, Deduct	-2.00	
For >200, Deduct	-3.18	
10 26 13 00-0077 LF Bullnose 3-1/2" Wing, 135 Degree Angle, Surface Mounted, Stainless Steel Corner Guard (Pawling CG-650).....	17.75	3.43
For >50 To 100, Deduct	-1.43	
For >100 To 200, Deduct	-2.00	
For >200, Deduct	-3.18	
10 26 13 00-0078 Stainless Steel Angle Iron, Corner Guards (10 26 13 00-0067)		
10 26 13 00-0079 Surface Mounted, Stainless Steel Angle Iron, Corner Guards (10 26 13 00-0078)		
10 26 13 00-0080 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guards (10 26 13 00-0079)		
10 26 13 00-0081 LF 1" x 1" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	21.78	4.12
For >50 To 100, Deduct	-1.71	
For >100 To 200, Deduct	-2.40	
For >200, Deduct	-3.83	
10 26 13 00-0082 LF 2" x 2" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	35.73	4.46
For >50 To 100, Deduct	-1.86	
For >100 To 200, Deduct	-2.60	
For >200, Deduct	-4.76	
10 26 13 00-0083 LF 2" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	49.62	4.63
For >50 To 100, Deduct	-1.93	
For >100 To 200, Deduct	-2.70	
For >200, Deduct	-5.57	
10 26 13 00-0084 LF 3" x 3" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	46.43	4.80
For >50 To 100, Deduct	-2.00	
For >100 To 200, Deduct	-2.80	
For >200, Deduct	-5.52	
10 26 13 00-0085 LF 3" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	65.97	4.97
For >50 To 100, Deduct	-2.07	
For >100 To 200, Deduct	-2.90	
For >200, Deduct	-6.61	
10 26 13 00-0086 LF 4" x 4" x 1/4", 90 Degree Angle, Surface Mounted, Stainless Steel Angle Iron, Corner Guard.....	61.06	5.14
For >50 To 100, Deduct	-2.14	
For >100 To 200, Deduct	-3.00	
For >200, Deduct	-6.48	
10 26 13 00-0087 Rubber Corner Guards (10 26 13)		
Note: Includes adhesive for installation.		
10 26 13 00-0088 Natural Rubber Corner Guards (10 26 13 00-0087)		
10 26 13 00-0089 Surface Mounted, Natural Rubber Corner Guards (10 26 13 00-0088)		
10 26 13 00-0090 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guards (10 26 13 00-0089)		
10 26 13 00-0091 LF 4-3/4" Wing, 90 Degree Angle, Surface Mounted, Natural Rubber Corner Guard (Pawling CG-5).....	50.91	3.43
For >50 To 100, Deduct	-1.43	
For >100 To 200, Deduct	-2.00	
For >200, Deduct	-4.83	
For Bolting To Concrete Or Masonry, Add	8.49	
10 26 13 00-0092 Styrene-Butadiene Rubber (SBR) Corner Guards (10 26 13 00-0087)		
10 26 13 00-0093 Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards (10 26 13 00-0092)		
10 26 13 00-0094 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guards (10 26 13 00-0093)		
10 26 13 00-0095 LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Styrene-Butadiene Rubber (SBR) Corner Guard (Pawling CG-2).....	23.08	3.43
For >50 To 100, Deduct	-1.43	
For >100 To 200, Deduct	-2.00	
For >200, Deduct	-3.44	
For Bolting To Concrete Or Masonry, Add	4.32	
10 26 13 00-0096 Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards (10 26 13 00-0087)		
10 26 13 00-0097 Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards (10 26 13 00-0096)		

10	10	Specialties
	10 20	Interior Specialties
	10 26	Wall and Door Protection



MINOR		TOTAL DIRECT DEMOLITION	
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
10 26 13 00-0098	90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guards <small>(10 26 13 00-0097)</small>		
10 26 13 00-0099	LF 4-5/8" Wing, 90 Degree Angle, Surface Mounted, Ethylene Propylene Diene Monomer (EPDM) Rubber Corner Guard (Pawling CG-2E).....	20.29	3.43
	<i>For >50 To 100, Deduct</i>	-1.43	
	<i>For >100 To 200, Deduct</i>	-2.00	
	<i>For >200, Deduct</i>	-3.30	
	<i>For Bolting To Concrete Or Masonry, Add</i>	3.90	
10 26 16	Bumper Guards <small>(10 26)</small>		
10 26 16 13	Bumper Rails <small>(10 26 16)</small>		
10 26 16 13-0001	Crash Rails <small>(10 26 16 13)</small> Note: Includes end caps.		
10 26 16 13-0002	Polycarbonate Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0003	LF 3" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-3).....	12.82	4.57
	<i>For >50 To 100, Deduct</i>	-2.29	
	<i>For >100 To 200, Deduct</i>	-3.20	
	<i>For >200, Deduct</i>	-4.30	
10 26 16 13-0004	LF 4" High, 5/16" Deep, Polycarbonate Crash Rail (Pawling CR-4).....	14.13	4.57
	<i>For >50 To 100, Deduct</i>	-2.29	
	<i>For >100 To 200, Deduct</i>	-3.20	
	<i>For >200, Deduct</i>	-4.36	
10 26 16 13-0005	Aluminum Crash Rails <small>(10 26 16 13-0001)</small>		
10 26 16 13-0006	LF 4" High, 3-1/4" Deep, Aluminum Crash Rail (Pawling CRA-100).....	36.88	4.57
	<i>For >50 To 100, Deduct</i>	-2.29	
	<i>For >100 To 200, Deduct</i>	-3.20	
	<i>For >200, Deduct</i>	-5.50	
10 26 16 13-0007	Aluminum Crash Rails (Wallguard) <small>(10 26 16 13-0001)</small>		
10 26 16 13-0008	EA 2' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	151.63	39.99
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0009	EA 3' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	161.86	42.28
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0010	EA 4' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	172.01	44.56
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0011	EA 5' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	304.35	46.85
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0012	EA 6' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	331.77	49.13
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0013	EA 7' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	342.01	51.41
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0014	EA 8' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	352.16	53.70
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0015	EA 9' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	379.68	55.98
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0016	EA 10' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	414.35	58.27
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0017	EA 11' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	441.77	60.55
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0018	EA 12' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180).....	452.00	62.85
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0019	EA 2' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6).....	197.16	39.99
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0020	EA 3' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6).....	208.98	42.28
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0021	EA 4' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6).....	220.72	44.56
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0022	EA 5' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6).....	348.38	46.85
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		
10 26 16 13-0023	EA 6' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6).....	378.80	49.13
	Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0024	EA		7' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6) Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).	389.04	51.41
10 26 16 13-0025	EA		8' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6) Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).	399.28	53.70
10 26 16 13-0026	EA		9' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6) Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).	429.71	55.98
10 26 16 13-0027	EA		10' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6) Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).	471.40	58.27
10 26 16 13-0028	EA		11' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6) Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).	501.82	60.55
10 26 16 13-0029	EA		12' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180.6) Note: Includes 1/4" aluminum I-beam brackets (standard) and exposed fasteners (standard).	512.05	62.85
10 26 16 13-0030	EA		2' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	151.63	39.99
10 26 16 13-0031	EA		3' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	161.86	42.28
10 26 16 13-0032	EA		4' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	172.01	44.56
10 26 16 13-0033	EA		5' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	304.35	46.85
10 26 16 13-0034	EA		6' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	331.77	49.13
10 26 16 13-0035	EA		7' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	342.01	51.41
10 26 16 13-0036	EA		8' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	352.16	53.70
10 26 16 13-0037	EA		9' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	379.68	55.98
10 26 16 13-0038	EA		10' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	414.35	58.27
10 26 16 13-0039	EA		11' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	441.77	60.55
10 26 16 13-0040	EA		12' Long, 1/4" Thick, 4" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	452.00	62.85
10 26 16 13-0041	EA		2' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	239.61	39.99
10 26 16 13-0042	EA		3' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	251.42	42.28
10 26 16 13-0043	EA		4' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	264.75	44.56
10 26 16 13-0044	EA		5' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	381.90	46.85
10 26 16 13-0045	EA		6' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	429.25	49.13
10 26 16 13-0046	EA		7' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	439.41	51.41
10 26 16 13-0047	EA		8' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	449.57	53.70
10 26 16 13-0048	EA		9' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	496.85	55.98
10 26 16 13-0049	EA		10' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	538.45	58.27
10 26 16 13-0050	EA		11' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	585.80	60.55
10 26 16 13-0051	EA		12' Long, 1/4" Thick, 6" Wide Bar With Two Returns, Clear Anodized Finish, Aluminum Crash Rail (Wallguard 2180B.6) Note: Includes 1/8" Stainless Steel Z-brackets (standard) and exposed fasteners (standard).	595.94	62.85

10 26 16 13-0052 Stainless Steel Crash Rails (10 26 16 13-0001)

10	10	Specialties
	10 20	Interior Specialties
	10 26	Wall and Door Protection



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0053	LF		4" High, 3-1/4" Deep, Stainless Steel Crash Rail (Pawling CRS-100)	64.61	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-6.89	
10 26 16 13-0054	LF		5-1/2" High, 1-1/2" Deep, Stainless Steel Crash Rail (Pawling CRS-200)	50.74	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-6.19	
10 26 16 13-0055			Wall Guards <small>(10 26 16 13)</small>		
10 26 16 13-0056			Rigid Vinyl Wall Guards With Aluminum Retainers <small>(10 26 16 13-0055)</small>		
			Note: Includes end caps.		
10 26 16 13-0057	LF		1-1/2" High, 1-1/2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-1)	13.21	4.00
			<i>For >50 To 100, Deduct</i>	-2.00	
			<i>For >100 To 200, Deduct</i>	-2.80	
			<i>For >200, Deduct</i>	-3.86	
10 26 16 13-0058	LF		3" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-3)	16.05	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-4.46	
10 26 16 13-0059	LF		4" High, 3/4" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-4)	17.34	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-4.52	
10 26 16 13-0060	LF		5" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-5)	18.05	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-4.56	
10 26 16 13-0061	LF		6" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-6)	21.50	4.86
			<i>For >50 To 100, Deduct</i>	-2.43	
			<i>For >100 To 200, Deduct</i>	-3.40	
			<i>For >200, Deduct</i>	-4.96	
10 26 16 13-0062	LF		8" High, 1-1/16" Deep, Curved, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-7)	21.61	4.86
			<i>For >50 To 100, Deduct</i>	-2.43	
			<i>For >100 To 200, Deduct</i>	-3.40	
			<i>For >200, Deduct</i>	-4.96	
10 26 16 13-0063	LF		7-3/4" High, 1" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-8)	22.24	4.86
			<i>For >50 To 100, Deduct</i>	-2.43	
			<i>For >100 To 200, Deduct</i>	-3.40	
			<i>For >200, Deduct</i>	-5.00	
10 26 16 13-0064	LF		12" High, 2" Deep, Flat, Rigid Vinyl Wall Guard With Aluminum Retainer (Pawling WG-12)	26.70	5.14
			<i>For >50 To 100, Deduct</i>	-2.57	
			<i>For >100 To 200, Deduct</i>	-3.60	
			<i>For >200, Deduct</i>	-5.45	
10 26 16 13-0065			Rubber Wall Guards <small>(10 26 16 13-0055)</small>		
10 26 16 13-0066			D-Shaped, Rubber Wall Guards <small>(10 26 16 13-0065)</small>		
10 26 16 13-0067	LF		2" High, 1-3/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-2)	17.64	4.00
			<i>For >50 To 100, Deduct</i>	-2.00	
			<i>For >100 To 200, Deduct</i>	-2.80	
			<i>For >200, Deduct</i>	-4.08	
10 26 16 13-0068	LF		3" High, 3" Deep, D-Shaped, Rubber Wall Guard (Pawling D-3)	25.78	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-4.95	
10 26 16 13-0069	LF		4" High, 4-1/4" Deep, D-Shaped, Rubber Wall Guard (Pawling D-4)	37.78	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-5.55	
10 26 16 13-0070	LF		6" High, 6" Deep, D-Shaped, Rubber Wall Guard (Pawling D-6)	52.89	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-6.30	
10 26 16 13-0071			Rectangular, Rubber Wall Guards <small>(10 26 16 13-0065)</small>		
10 26 16 13-0072	LF		8" High, 1-1/2" Deep, Rectangular, Rubber Wall Guard (Pawling E-1)	40.43	4.86
			<i>For >50 To 100, Deduct</i>	-2.43	
			<i>For >100 To 200, Deduct</i>	-3.40	
			<i>For >200, Deduct</i>	-5.91	
10 26 16 13-0073	LF		9" High, 2" Deep, Rectangular, Rubber Wall Guard (Pawling M-2)	50.91	5.14
			<i>For >50 To 100, Deduct</i>	-2.57	
			<i>For >100 To 200, Deduct</i>	-3.60	
			<i>For >200, Deduct</i>	-6.66	
10 26 16 13-0074			Wing Type, Rubber Wall Guards <small>(10 26 16 13-0065)</small>		
10 26 16 13-0075	LF		6" High, 2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-20)	66.00	4.57
			<i>For >50 To 100, Deduct</i>	-2.29	
			<i>For >100 To 200, Deduct</i>	-3.20	
			<i>For >200, Deduct</i>	-6.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 13-0076 LF 6" High, 3" Deep, Wing Type, Rubber Wall Guard (Pawling WT-30).....	70.16	4.57
<i>For >50 To 100, Deduct</i>	-2.29	
<i>For >100 To 200, Deduct</i>	-3.20	
<i>For >200, Deduct</i>	-7.16	
10 26 16 13-0077 LF 3-7/8" High, 2-1/2" Deep, Wing Type, Rubber Wall Guard (Pawling WT-25).....	32.24	4.00
<i>For >50 To 100, Deduct</i>	-2.00	
<i>For >100 To 200, Deduct</i>	-2.80	
<i>For >200, Deduct</i>	-4.81	
10 26 16 13-0078 U-Shaped, Rubber Wall Guards <small>(10 26 16 13-0065)</small>		
10 26 16 13-0079 LF 3-1/8" High, 3-7/8" Deep, U-Shaped, Rubber Wall Guard (Pawling U-4).....	55.82	4.86
<i>For >50 To 100, Deduct</i>	-2.43	
<i>For >100 To 200, Deduct</i>	-3.40	
<i>For >200, Deduct</i>	-6.68	
10 26 16 13-0080 LF 4-1/2" High, 3-1/2" Deep, U-Shaped, Rubber Wall Guard (Pawling U-3).....	62.41	4.86
<i>For >50 To 100, Deduct</i>	-2.43	
<i>For >100 To 200, Deduct</i>	-3.40	
<i>For >200, Deduct</i>	-7.00	
10 26 16 13-0081 Accent Rails <small>(10 26 16 13)</small>		
Note: Includes end caps.		
10 26 16 13-0082 Oval, Rigid Vinyl Accent Rails With Aluminum Retainers <small>(10 26 16 13-0081)</small>		
10 26 16 13-0083 LF 1-1/8" High, 1-1/16" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EB-25).....	15.47	4.00
<i>For >50 To 100, Deduct</i>	-2.00	
<i>For >100 To 200, Deduct</i>	-2.80	
<i>For >200, Deduct</i>	-3.97	
10 26 16 13-0084 LF 2" High, 1-1/8" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling EBR-30).....	15.50	4.00
<i>For >50 To 100, Deduct</i>	-2.00	
<i>For >100 To 200, Deduct</i>	-2.80	
<i>For >200, Deduct</i>	-3.98	
10 26 16 13-0085 LF 2" High, 1-3/4" Deep, Oval, Rigid Vinyl Accent Rail With Aluminum Retainer (Pawling WG-22).....	21.89	4.00
<i>For >50 To 100, Deduct</i>	-2.00	
<i>For >100 To 200, Deduct</i>	-2.80	
<i>For >200, Deduct</i>	-4.29	
10 26 16 16 Protective Corridor Handrails <small>(10 26 16)</small>		
10 26 16 16-0001 Protective Corridor Handrails <small>(10 26 16 16)</small>		
10 26 16 16-0002 Vinyl/Acrylic Protective Corridor Handrails With Aluminum Retainers <small>(10 26 16 16-0001)</small>		
10 26 16 16-0003 LF 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-6CN).....	30.21	8.57
<i>For >50 To 100, Deduct</i>	-4.29	
<i>For >100 To 200, Deduct</i>	-6.00	
<i>For >200, Deduct</i>	-8.37	
10 26 16 16-0004 EA End Cap For 1-1/2" Diameter, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	26.48	8.57
<i>For >25 To 50, Deduct</i>	-4.29	
<i>For >50 To 100, Deduct</i>	-6.00	
<i>For >100, Deduct</i>	-8.18	
10 26 16 16-0005 LF 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HRB-4C).....	41.42	8.57
<i>For >50 To 100, Deduct</i>	-4.29	
<i>For >100 To 200, Deduct</i>	-6.00	
<i>For >200, Deduct</i>	-8.93	
10 26 16 16-0006 EA End Cap For 5-1/2" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	33.95	8.57
<i>For >25 To 50, Deduct</i>	-4.29	
<i>For >50 To 100, Deduct</i>	-6.00	
<i>For >100, Deduct</i>	-8.55	
10 26 16 16-0007 LF 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn HRB-10CN).....	43.29	8.57
<i>For >50 To 100, Deduct</i>	-4.29	
<i>For >100 To 200, Deduct</i>	-6.00	
<i>For >200, Deduct</i>	-9.02	
10 26 16 16-0008 EA End Cap For 6-1/4" High, Vinyl/Acrylic Crash And Handrail With Aluminum Retainer (Acrovyn).....	47.02	8.57
<i>For >25 To 50, Deduct</i>	-4.29	
<i>For >50 To 100, Deduct</i>	-6.00	
<i>For >100, Deduct</i>	-9.21	
10 26 16 16-0009 LF 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn HR-8CN).....	56.36	8.57
<i>For >50 To 100, Deduct</i>	-4.29	
<i>For >100 To 200, Deduct</i>	-6.00	
<i>For >200, Deduct</i>	-9.67	
10 26 16 16-0010 EA End Cap For 6" High, Vinyl/Acrylic Protective Corridor Handrail With Aluminum Retainer (Acrovyn).....	61.97	8.57
<i>For >25 To 50, Deduct</i>	-4.29	
<i>For >50 To 100, Deduct</i>	-6.00	
<i>For >100, Deduct</i>	-9.95	
10 26 16 16-0011 Stainless Steel Protective Corridor Handrails <small>(10 26 16 16-0001)</small>		
10 26 16 16-0012 LF 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn P-RS).....	75.04	8.57
<i>For >50 To 100, Deduct</i>	-4.29	
<i>For >100 To 200, Deduct</i>	-6.00	
<i>For >200, Deduct</i>	-10.61	

10	10	Specialties
	10 20	Interior Specialties
	10 26	Wall and Door Protection



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 16 16-0013	EA		End Cap For 5-7/8" High, Stainless Steel Protective Corridor Handrail (Acrovyn).....	76.91	8.57
			<i>For >25 To 50, Deduct</i>	-4.29	
			<i>For >50 To 100, Deduct</i>	-6.00	
			<i>For >100, Deduct</i>	-10.70	
10 26 16 16-0014			Hardwood Protective Corridor Handrails (10 26 16 16-0001)		
			Note: Includes end caps.		
10 26 16 16-0015	LF		4" High, Vinyl Protective Corridor Handrail With 1-1/2" Diameter Wood (Pawling BR-400C).....	30.06	5.96
			<i>For >50 To 100, Deduct</i>	-2.98	
			<i>For >100 To 200, Deduct</i>	-4.17	
			<i>For >200, Deduct</i>	-6.27	
			<i>For Maple, Add</i>	0.54	
10 26 16 16-0016	LF		5-1/2" Diameter, Hardwood Protective Corridor Handrail With Vinyl Inserts (Pawling BR-5500).....	36.03	6.35
			<i>For >50 To 100, Deduct</i>	-3.18	
			<i>For >100 To 200, Deduct</i>	-4.45	
			<i>For >200, Deduct</i>	-6.89	
10 26 16 16-0017	LF		1-1/2" Diameter, Hardwood Protective Corridor Handrail (Pawling BR-1500).....	26.18	5.96
			<i>For >50 To 100, Deduct</i>	-2.98	
			<i>For >100 To 200, Deduct</i>	-4.17	
			<i>For >200, Deduct</i>	-6.07	
			<i>For Maple, Add</i>	6.14	
			<i>For Oak, Add</i>	6.85	
10 26 23			Protective Wall Covering (10 26)		
10 26 23 13			Impact Resistant Wall Protection (10 26 23)		
10 26 23 13-0001			Impact Resistant Wall Protection (10 26 23 13)		
			Note: Includes standard trim.		
10 26 23 13-0002	SF		0.030" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-30).....	8.48	2.86
10 26 23 13-0003	SF		0.040" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-40).....	8.82	2.86
10 26 23 13-0004	SF		0.060" Rigid Vinyl, Impact Resistant Wall Covering (Pawling WC-60).....	10.76	2.86
10 26 23 13-0005			Interior Polyvinyl Chloride (PVC) Soffit System (10 26 23 13)		
			Note: DecoShield Systems, Inc. Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit.		
10 26 23 13-0006			"L" Design (10 26 23 13-0005)		
10 26 23 13-0007			L-Shield (10 26 23 13-0006)		
10 26 23 13-0008	LF		2.38" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	16.45	2.86
10 26 23 13-0009	LF		3" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" And 1-1/2" Pipe.....	19.00	4.00
10 26 23 13-0010	LF		3.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 2" Pipe.....	24.95	5.14
10 26 23 13-0011	LF		5.75" Depth L-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2-1/2" Shield Size For 2-1/2" Pipe.....	34.30	6.28
10 26 23 13-0012			"Combo" Hanger (10 26 23 13-0006)		
10 26 23 13-0013	EA		Combination "Combo" Hanger, L-Support, For 3/4" Pipe.....	17.98	5.72
10 26 23 13-0014	EA		Combination "Combo" Hanger, L-Support, For 1" Pipe.....	20.78	6.86
10 26 23 13-0015	EA		Combination "Combo" Hanger, L-Support, For 1-1/4" Pipe.....	24.00	8.00
10 26 23 13-0016	EA		Combination "Combo" Hanger, L-Support, For 1-1/2" Pipe.....	26.67	9.14
10 26 23 13-0017	EA		Combination "Combo" Hanger, L-Support, For 2" Pipe.....	29.87	10.29
10 26 23 13-0018			Snap-2 Pipe Hanger (10 26 23 13-0006)		
10 26 23 13-0019	EA		Snap-2 Pipe Hanger, L-Support, For 3/4" Pipe.....	14.83	5.72
10 26 23 13-0020	EA		Snap-2 Pipe Hanger, L-Support, For 1" Pipe.....	18.03	6.86
10 26 23 13-0021	EA		Snap-2 Pipe Hanger, L-Support, For 1-1/4" Pipe.....	20.98	8.00
10 26 23 13-0022	EA		Snap-2 Pipe Hanger, L-Support, For 1-1/2" Pipe.....	24.44	9.14
10 26 23 13-0023	EA		Snap-2 Pipe Hanger, L-Support, For 2" Pipe.....	28.04	10.29
10 26 23 13-0024			Coupling (10 26 23 13-0006)		
10 26 23 13-0025	EA		Coupling, L-Shield, 1" Shield Size.....	9.78	2.86
10 26 23 13-0026	EA		Coupling, L-Shield, 1-1/4" Shield Size.....	14.15	4.00
10 26 23 13-0027	EA		Coupling, L-Shield, 2" Shield Size.....	20.37	5.14
10 26 23 13-0028	EA		Coupling, L-Shield, 2-1/2" Shield Size.....	25.53	6.28
10 26 23 13-0029			Coupling, Reducer (10 26 23 13-0006)		
10 26 23 13-0030	EA		Coupling, Reducing, L-Shield, 1-1/4" x 1" Shield Size.....	27.81	3.43
10 26 23 13-0031	EA		Coupling, Reducing, L-Shield, 2" x 1" Shield Size.....	34.18	4.00
10 26 23 13-0032	EA		Coupling, Reducing, L-Shield, 2" x 1-1/4" Shield Size.....	40.56	4.57
10 26 23 13-0033	EA		Coupling, Reducing, L-Shield, 2-1/2" x 2" Shield Size.....	159.10	5.72
10 26 23 13-0034			Shield Clips (10 26 23 13-0006)		
10 26 23 13-0035	EA		Shield Clips, L-Support, 1" Shield Size.....	5.92	1.71
10 26 23 13-0036	EA		Shield Clips, L-Support, 1-1/4" Shield Size.....	8.86	2.86
10 26 23 13-0037	EA		Shield Clips, L-Support, 2" Shield Size.....	11.67	4.00
10 26 23 13-0038	EA		Shield Clips, L-Support, 2-1/2" Shield Size.....	13.17	5.14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0039 Wall Flange <small>(10 26 23 13-0006)</small>		
10 26 23 13-0040 EA Wall Flange, L-Shield, 1" Shield Size.....	9.52	2.86
10 26 23 13-0041 EA Wall Flange, L-Shield, 1-1/4" Shield Size.....	13.63	4.00
10 26 23 13-0042 EA Wall Flange, L-Shield, 2" Shield Size.....	19.85	5.14
10 26 23 13-0043 EA Wall Flange, L-Shield, 2-1/2" Shield Size.....	82.82	6.28
10 26 23 13-0044 End Cap <small>(10 26 23 13-0006)</small>		
10 26 23 13-0045 EA End Cap, L-Shield, 1" Shield Size.....	9.84	1.71
10 26 23 13-0046 EA End Cap, L-Shield, 1-1/4" Shield Size.....	13.05	2.86
10 26 23 13-0047 EA End Cap, L-Shield, 2" Shield Size.....	18.08	4.00
10 26 23 13-0048 EA End Cap, L-Shield, 2-1/2" Shield Size.....	84.39	5.14
10 26 23 13-0049 Inside/Outside Corner <small>(10 26 23 13-0006)</small>		
10 26 23 13-0050 EA Inside/Outside Corner, L-Shield, 1" Shield Size.....	61.57	5.72
10 26 23 13-0051 EA Inside/Outside Corner, L-Shield, 1-1/4" Shield Size.....	66.34	6.86
10 26 23 13-0052 EA Inside/Outside Corner, L-Shield, 2" Shield Size.....	80.12	8.58
10 26 23 13-0053 EA Inside/Outside Corner, L-Shield, 2-1/2" Shield Size.....	140.36	10.29
10 26 23 13-0054 Joiner <small>(10 26 23 13-0006)</small>		
10 26 23 13-0055 LF Joiner, L-Shield.....	12.72	1.71
10 26 23 13-0056 "U" Design <small>(10 26 23 13-0005)</small>		
10 26 23 13-0057 U-Shield <small>(10 26 23 13-0005)</small>		
10 26 23 13-0058 LF 2.25" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1" Shield Size For 3/4" And 1" Pipe.....	19.86	2.86
10 26 23 13-0059 LF 2.875" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 1-1/4" Shield Size For 1-1/4" Pipe.....	24.76	4.00
10 26 23 13-0060 LF 3.68" Depth U-Shield Cover, Duplex Polyvinyl Chloride (PVC), 2" Shield Size For 1-1/2" And 2" Pipe.....	31.63	4.00
10 26 23 13-0061 "Combo" Hanger <small>(10 26 23 13-0005)</small>		
10 26 23 13-0062 EA Combination "Combo" Hanger, U-Support For 3/4" Pipe.....	15.49	5.72
10 26 23 13-0063 EA Combination "Combo" Hanger, U-Support For 1" Pipe.....	18.42	6.86
10 26 23 13-0064 EA Combination "Combo" Hanger, U-Support For 1-1/4" Pipe.....	21.25	8.00
10 26 23 13-0065 EA Combination "Combo" Hanger, U-Support For 1-1/2" Pipe.....	26.28	9.14
10 26 23 13-0066 EA Combination "Combo" Hanger, U-Support For 2" Pipe.....	29.74	10.29
10 26 23 13-0067 Snap-2 Pipe Hanger <small>(10 26 23 13-0005)</small>		
10 26 23 13-0068 EA Snap-2 Pipe Hanger, U-Support, For 3/4" Pipe.....	14.57	5.72
10 26 23 13-0069 EA Snap-2 Pipe Hanger, U-Support, For 1" Pipe.....	17.77	6.86
10 26 23 13-0070 EA Snap-2 Pipe Hanger, U-Support, For 1-1/4" Pipe.....	21.64	8.00
10 26 23 13-0071 EA Snap-2 Pipe Hanger, U-Support, For 1-1/2" Pipe.....	24.18	9.14
10 26 23 13-0072 EA Snap-2 Pipe Hanger, U-Support, For 2" Pipe.....	27.91	10.29
10 26 23 13-0073 Coupling <small>(10 26 23 13-0005)</small>		
10 26 23 13-0074 EA Coupling, U-Shield, 1" Shield Size.....	11.61	2.86
10 26 23 13-0075 EA Coupling, U-Shield, 1-1/4" Shield Size.....	14.55	4.00
10 26 23 13-0076 EA Coupling, U-Shield, 2" Shield Size.....	17.75	5.14
10 26 23 13-0077 Coupling, Reducer <small>(10 26 23 13-0005)</small>		
10 26 23 13-0078 EA Reducing Coupling, U-Shield, 1-1/4" x 1" Shield Size.....	33.04	3.43
10 26 23 13-0079 EA Reducing Coupling, U-Shield, 2" x 1" Shield Size.....	39.42	4.00
10 26 23 13-0080 EA Reducing Coupling, U-Shield, 2" x 1-1/4" Shield Size.....	41.87	4.57
10 26 23 13-0081 Shield Clips <small>(10 26 23 13-0005)</small>		
10 26 23 13-0082 EA Shield Clips, U-Support, 1" Shield Size.....	5.39	1.71
10 26 23 13-0083 EA Shield Clips, U-Support, 1-1/4" Shield Size.....	7.95	2.86
10 26 23 13-0084 EA Shield Clips, U-Support, 2" Shield Size.....	10.49	4.00
10 26 23 13-0085 Wall Flange <small>(10 26 23 13-0005)</small>		
10 26 23 13-0086 EA Wall Flange, U-Shield, 1" Shield Size.....	11.22	2.86
10 26 23 13-0087 EA Wall Flange, U-Shield, 1-1/4" Shield Size.....	14.41	4.00
10 26 23 13-0088 EA Wall Flange, U-Shield, 2" Shield Size.....	17.62	5.14
10 26 23 13-0089 End Cap <small>(10 26 23 13-0005)</small>		
10 26 23 13-0090 EA End Cap, U-Shield, 1" Shield Size.....	10.50	1.71
10 26 23 13-0091 EA End Cap, U-Shield, 1-1/4" Shield Size.....	14.10	2.86
10 26 23 13-0092 EA End Cap, U-Shield, 2" Shield Size.....	17.56	4.00

10 Specialties**10 20 Interior Specialties****10 26 Wall and Door Protection**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0093			Inside/Outside Corner <small>(10 26 23 13-0056)</small>		
10 26 23 13-0094	EA		Inside/Outside Corner, U-Shield, 1" Shield Size	77.41	5.72
10 26 23 13-0095	EA		Inside/Outside Corner, U-Shield, 1-1/4" Shield Size	86.10	6.86
10 26 23 13-0096	EA		Inside/Outside Corner, U-Shield, 2" Shield Size	101.85	8.58
10 26 23 13-0097			Elbow <small>(10 26 23 13-0056)</small>		
10 26 23 13-0098	EA		Elbow, U-Shield, 1" Shield Size	75.97	5.72
10 26 23 13-0099	EA		Elbow, U-Shield, 1-1/4" Shield Size	83.49	6.86
10 26 23 13-0100	EA		Elbow, U-Shield, 2" Shield Size	99.36	8.58
10 26 23 13-0101			Tee <small>(10 26 23 13-0056)</small>		
10 26 23 13-0102	EA		Tee, U-Shield, 1" x 1" x 1" Shield Size	96.09	8.58
10 26 23 13-0103	EA		Tee, U-Shield, 1-1/4" x 1-1/4" x 1-1/4" Shield Size	106.85	10.29
10 26 23 13-0104	EA		Tee, U-Shield, 2" x 2" x 2" Shield Size	124.77	12.57
10 26 23 13-0105	EA		Tee, U-Shield, 1-1/4" x 1-1/4" x 1" Shield Size	126.78	9.72
10 26 23 13-0106	EA		Tee, U-Shield, 2" x 2" x 1-1/4" Shield Size	136.71	12.00
10 26 23 13-0107			Cross <small>(10 26 23 13-0056)</small>		
10 26 23 13-0108	EA		Cross, U-Shield, 1" Shield Size	174.06	11.43
10 26 23 13-0109	EA		Cross, U-Shield, 1-1/4" Shield Size	194.99	13.71
10 26 23 13-0110	EA		Cross, U-Shield, 2" Shield Size	236.94	17.15
10 26 23 13-0111	EA		Cross, U-Shield, 1-1/4" x 1" Shield Size	238.80	12.57
10 26 23 13-0112	EA		Cross, U-Shield, 2" x 1-1/4" Shield Size	262.58	15.43
10 26 23 13-0113			Transition Fittings (L to U Or U to L) <small>(10 26 23 13-0005)</small>		
10 26 23 13-0114			Coupling Transition <small>(10 26 23 13-0113)</small>		
10 26 23 13-0115	EA		Transition Coupling, 1" x 1", LxU or UxL	29.55	2.86
10 26 23 13-0116	EA		Transition Coupling, 1-1/4" x 1-1/4", LxU or UxL	33.40	4.00
10 26 23 13-0117	EA		Transition Coupling, 2" x 2", LxU or UxL	41.58	5.14
10 26 23 13-0118	EA		Transition Coupling, 1" x 1-1/4", LxU or UxL	33.43	3.43
10 26 23 13-0119	EA		Transition Coupling, 1-1/4" x 2", LxU or UxL	41.61	4.57
10 26 23 13-0120	EA		Transition Coupling, 2" x 2-1/2", LxU or UxL	166.56	5.72
10 26 23 13-0121			Elbow Transition <small>(10 26 23 13-0113)</small>		
10 26 23 13-0122	EA		Transition Elbow, 1" x 1" (UxL)	102.28	5.72
10 26 23 13-0123	EA		Transition Elbow, 1-1/4" x 1-1/4" (UxL)	110.85	6.86
10 26 23 13-0124	EA		Transition Elbow, 2" x 2" (UxL)	129.99	8.58
10 26 23 13-0125	EA		Transition Elbow, 1" x 1-1/4" (UxL)	159.19	6.28
10 26 23 13-0126	EA		Transition Elbow, 1-1/4" x 1" (UxL)	112.59	6.28
10 26 23 13-0127	EA		Transition Elbow, 1-1/4" x 2" (UxL)	168.13	8.00
10 26 23 13-0128	EA		Transition Elbow, 2" x 1-1/4" (UxL)	130.29	8.00
10 26 23 13-0129	EA		Transition Elbow, 2" x 2-1/2" (UxL)	202.09	9.14
10 26 23 13-0130			Tee Transition <small>(10 26 23 13-0113)</small>		
10 26 23 13-0131	EA		Transition Tee, 1" x 1" x 1" (LxLxU)	117.17	8.58
10 26 23 13-0132	EA		Transition Tee, 1-1/4" x 1-1/4" x 1-1/4" (LxLxU)	135.52	10.29
10 26 23 13-0133	EA		Transition Tee, 2" x 2" x 2" (LxLxU)	157.63	12.57
10 26 23 13-0134	EA		Transition Tee, 1-1/4" x 1-1/4" x 1" (LxLxU)	123.77	9.72
10 26 23 13-0135	EA		Transition Tee, 1-1/4" x 1-1/4" x 2" (LxLxU)	194.52	10.86
10 26 23 13-0136	EA		Transition Tee, 2" x 2" x 1-1/4" (LxLxU)	137.89	12.00
10 26 23 13-0137	EA		Transition Tee, 2-1/2" x 2-1/2" x 2" (LxLxU)	188.28	14.29
10 26 23 13-0138			Fittings (L Or U) <small>(10 26 23 13-0005)</small>		
10 26 23 13-0139			Hugger Hangers For Steel Pipe <small>(10 26 23 13-0138)</small>		
10 26 23 13-0140	EA		Hugger Hanger, For 1/2" Steel Pipe	11.89	4.57
10 26 23 13-0141	EA		Hugger Hanger, For 3/4" Steel Pipe	14.83	5.72
10 26 23 13-0142	EA		Hugger Hanger, For 1" Steel Pipe	17.38	6.86
10 26 23 13-0143	EA		Hugger Hanger, For 1-1/4" Steel Pipe	20.07	8.00
10 26 23 13-0144	EA		Hugger Hanger, For 1-1/2" Steel Pipe	22.61	9.14
10 26 23 13-0145	EA		Hugger Hanger, For 2" Steel Pipe	25.42	9.14
10 26 23 13-0146	EA		Hugger Hanger, For 2-1/2" Steel Pipe	27.97	11.43
10 26 23 13-0147	EA		Hugger Hanger, For 3" Steel Pipe	35.10	12.57
10 26 23 13-0148			Hugger Hangers For Copper Pipe <small>(10 26 23 13-0138)</small>		
10 26 23 13-0149	EA		1/2" Copper Pipe, Hugger Hanger	12.02	4.57
10 26 23 13-0150	EA		3/4" Copper Pipe, Hugger Hanger	14.96	5.72
10 26 23 13-0151	EA		1" Copper Pipe, Hugger Hanger	17.51	6.86
10 26 23 13-0152	EA		1-1/4" Copper Pipe, Hugger Hanger	20.20	8.00
10 26 23 13-0153	EA		1-1/2" Copper Pipe, Hugger Hanger	22.74	9.14
10 26 23 13-0154	EA		2" Copper Pipe, Hugger Hanger	25.69	10.29
10 26 23 13-0155	EA		2-1/2" Copper Pipe, Hugger Hanger	28.23	11.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 26 23 13-0156	EA		3" Copper Pipe, Hugger Hanger	35.49	12.57
10 26 23 13-0157			Shield Extension (L Or U) <small>(10 26 23 13-0138)</small>		
10 26 23 13-0158	LF		Shield Extension	15.47	1.71
10 26 23 13-0159			Interior Steel Soffit System <small>(10 26 23 13)</small>		
			Note: Concealment system for fire sprinkler piping, plumbing lines, HVAC, cable and conduit. Includes factory painted finish and field touch-up.		
10 26 23 13-0160	SF		24 Gauge Steel, U-Shield (JG Innovations Soffi-Steel)	29.31	5.14
			For 22 Gauge Steel, Add	1.90	
			For 20 Gauge Steel, Add	4.07	
			For 18 Gauge Steel, Add	7.99	
			For 16 Gauge Steel, Add	12.27	
			For Stainless Steel, Add	4.76	
10 26 23 13-0161	EA		U-Shield Wall Flange (JG Innovations Soffi-Steel)	45.90	14.29
			For Stainless Steel, Add	4.33	
10 26 23 13-0162	EA		U-Shield Corner (JG Innovations Soffi-Steel)	116.33	17.15
			For Stainless Steel, Add	20.22	
10 26 23 13-0163	EA		U-Shield End Cap (JG Innovations Soffi-Steel)	35.64	8.58
			For Stainless Steel, Add	4.62	
10 26 23 13-0164	EA		U-Shield Clip (JG Innovations Soffi-Steel)	7.60	3.43
			For Stainless Steel, Add	0.19	
10 26 23 13-0165	SF		24 Gauge Steel, L-Shield (JG Innovations Soffi-Steel)	33.36	5.14
			For 22 Gauge Steel, Add	1.73	
			For 20 Gauge Steel, Add	3.69	
			For 18 Gauge Steel, Add	7.15	
			For 16 Gauge Steel, Add	12.00	
			For Stainless Steel, Add	5.77	
10 26 23 13-0166	EA		L-Shield Wall Flange (JG Innovations Soffi-Steel)	45.90	14.29
			For Stainless Steel, Add	4.33	
10 26 23 13-0167	EA		L-Shield Corner (JG Innovations Soffi-Steel)	116.33	17.15
			For Stainless Steel, Add	20.22	
10 26 23 13-0168	EA		L-Shield End Cap (JG Innovations Soffi-Steel)	31.06	6.28
			For Stainless Steel, Add	4.62	
10 26 23 13-0169	EA		L-Shield Clip (JG Innovations Soffi-Steel)	7.60	3.43
			For Stainless Steel, Add	0.19	
10 26 41			Bullet Resistant Panels <small>(10 26)</small>		
10 26 41 00-0001			Laminated Bullet Resistant Fiberglass Panel <small>(10 26 41)</small>		
			Note: Material consisting of multiple layers of woven roving ballistic grade fiberglass cloth impregnated with a thermoset polyester resin and compressed into rigid flat sheets.		
10 26 41 00-0002	SF		1/8" Thick Ballistic Resistant Fiberglass Panel, 1.2 LB/SF	21.53	1.62
10 26 41 00-0003	SF		3/16" Thick Ballistic Resistant Fiberglass Panel, 2 LB/SF	29.50	1.73
10 26 41 00-0004	SF		1/4" Thick Ballistic Resistant Fiberglass Panel, 2.4 To 2.6 LB/SF	33.34	1.84
10 26 41 00-0005	SF		5/16" Thick Ballistic Resistant Fiberglass Panel, 3 To 3.6 LB/SF	35.47	1.96
10 26 41 00-0006	SF		3/8" Thick Ballistic Resistant Fiberglass Panel, 3.6 To 3.9 LB/SF	38.43	2.07
10 26 41 00-0007	SF		7/16" Thick Ballistic Resistant Fiberglass Panel, 4 To 4.9 LB/SF	41.36	2.18
10 26 41 00-0008	SF		9/16" Thick Ballistic Resistant Fiberglass Panel, 5.5 To 6.6 LB/SF	70.15	2.65
10 26 41 00-0009	SF		1-1/8" Thick Ballistic Resistant Fiberglass Panel, 11 To 11.7 LB/SF	100.79	4.14
10 26 41 00-0010	SF		1-3/16" Thick Ballistic Resistant Fiberglass Panel, 12 To 13.2 LB/SF	119.84	4.95
10 26 41 00-0011	SF		1-5/16" Thick Ballistic Resistant Fiberglass Panel, 13.4 To 14 LB/SF	144.65	5.41
10 26 41 00-0012	SF		1-7/16" Thick Ballistic Resistant Fiberglass Panel, 15.2 To 16 LB/SF	164.54	5.76
10 28			Toilet, Bath, and Laundry Accessories <small>(10 20)</small>		
10 28 13			Toilet Accessories <small>(10 28)</small>		
10 28 13 13			Commercial Toilet Accessories <small>(10 28 13)</small>		
10 28 13 13-0001			Toilet Accessories <small>(10 28 13 13)</small>		
10 28 13 13-0002			Dispensers <small>(10 28 13 13-0001)</small>		
10 28 13 13-0003			Paper Towel Dispensers <small>(10 28 13 13-0002)</small>		
10 28 13 13-0004			Stainless Steel Paper Towel Dispensers <small>(10 28 13 13-0003)</small>		
10 28 13 13-0005	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-262)	111.91	25.71
10 28 13 13-0006	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2620)	119.54	25.71
10 28 13 13-0007	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-2621)	120.67	25.71
10 28 13 13-0008	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-26212)	122.86	25.71
10 28 13 13-0009	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-263)	183.15	25.71
10 28 13 13-0010	EA		Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Classic B-359)	197.70	25.71
10 28 13 13-0011	EA		Surface Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick Contura B-4262)	216.07	25.71
10 28 13 13-0012	EA		Countertop Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick TrimLine B-526)	223.02	11.42
10 28 13 13-0013	EA		Concealed Cabinet, Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-318)	374.39	25.71
10 28 13 13-0014	EA		Touch Free, Surface Mounted, Stainless Steel Roll Paper Towel Dispenser (Bobrick B-2860)	441.83	25.71
10 28 13 13-0015	EA		Recessed Mounted, Stainless Steel Folded Paper Towel Dispenser (Bobrick B-4369)	475.89	25.71
10 28 13 13-0016	EA		Recessed Automated Touchless Towel Dispenser, Stainless (Georgia-Pacific enMotion® 59466)	272.19	25.71
10 28 13 13-0017	EA		Stainless Steel Mounting Bracket For Wall Mounting enMotion Recessed Automated Touchless Towel Dispenser (Georgia-Pacific enMotion® 59476)	151.88	14.28

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0018			Plastic Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0019	EA		Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Folded Paper Towel Dispenser (Bobrick Matrix B-5262)	85.90	25.71
10 28 13 13-0020	EA		Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick Matrix B-52860)	173.54	25.71
10 28 13 13-0021	EA		Surface Mounted, Translucent Cover, Acrylonitrile Butadiene Styrene (ABS) Plastic Roll Paper Towel Dispenser (Bobrick B-72860)	172.36	25.71
10 28 13 13-0022	EA		Surface Mounted, Automated Touchless Towel Dispenser, Translucent Plastic (Georgia-Pacific enMotion® 59462)	147.16	25.71
10 28 13 13-0023			Aluminum Paper Towel Dispensers (10 28 13 13-0003)		
10 28 13 13-0024	EA		Surface Mounted, Heavy-Duty Aluminum Casting Roll Paper Towel Dispenser (Bobrick B-253)	93.54	25.71
10 28 13 13-0025			Toilet Tissue Dispensers (10 28 13 13-0002)		
10 28 13 13-0026			Plastic Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0027	EA		Two Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Bobrick B-5288)	85.62	25.71
10 28 13 13-0028	EA		Two Jumbo Roll, Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Toilet Tissue Dispenser (Georgia Pacific 58250)	149.33	25.71
10 28 13 13-0029	EA		Vertical Double Roll, Surface Mounted, Translucent Plastic Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56760)	74.54	25.71
10 28 13 13-0030	EA		Side By Side Double Roll, Surface Mounted, Translucent Plastic Toilet Tissue Dispenser (Georgia-Pacific Compact® 56784)	87.55	25.71
10 28 13 13-0031			Cast Aluminum Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0032	EA		Single Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2730)	77.71	25.71
10 28 13 13-0033	EA		Single Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-273)	78.27	25.71
10 28 13 13-0034	EA		Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-2740)	82.23	25.71
10 28 13 13-0035	EA		Two Roll With Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-274)	89.58	25.71
10 28 13 13-0036	EA		Two Roll Without Controlled Delivery, Surface Mounted, Cast Aluminum Toilet Tissue Dispenser (Bobrick B-27460)	116.71	25.71
10 28 13 13-0037			Stainless Steel Toilet Tissue Dispensers (10 28 13 13-0025)		
10 28 13 13-0038	EA		Single Roll, Surface Mounted, Vandal Resistant, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-264)	66.68	25.71
10 28 13 13-0039	EA		Double Roll, Surface Mounted, Toilet Tissue Dispenser With Utility Shelf (Bobrick B-540)	183.45	25.71
10 28 13 13-0040	EA		Single Roll, Surface Mounted, Stainless Steel, Toilet Tissue Dispenser (Bobrick B-543)	108.38	25.71
10 28 13 13-0041	EA		Single Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-663)	103.43	25.71
10 28 13 13-0042	EA		Single Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-685)	112.05	25.71
10 28 13 13-0043	EA		Double Roll, Surface Mounted, Stainless Steel, Bright Polished Finish, Toilet Tissue Dispenser (Bobrick B-686)	146.28	28.56
10 28 13 13-0044	EA		Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6857)	112.05	25.71
10 28 13 13-0045	EA		Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser (Bobrick B-6867)	146.28	25.71
10 28 13 13-0046	EA		Single Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hood (Bobrick B-66997)	157.28	25.71
10 28 13 13-0047	EA		Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6999)	243.60	25.71
10 28 13 13-0048	EA		Double Roll, Surface Mounted, Stainless Steel, Satin Finish, Toilet Tissue Dispenser With Hoods (Bobrick B-6997)	243.60	25.71
10 28 13 13-0049	EA		Single Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2890)	103.61	25.71
10 28 13 13-0050	EA		Single Fold/Double Fold, Surface Mounted, Stainless Steel Toilet Tissue Cabinet (Bobrick B-272)	120.95	25.71
10 28 13 13-0051	EA		Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-265)	77.13	25.71
10 28 13 13-0052	EA		Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-2888)	129.72	25.71
10 28 13 13-0053	EA		Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Classic B-3888)	182.15	25.71
10 28 13 13-0054	EA		Two Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4288)	189.94	25.71
10 28 13 13-0055	EA		Two Roll, Recessed Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick Contura B-4388)	240.40	25.71
10 28 13 13-0056	EA		Two Jumbo Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-2892)	221.81	25.71
10 28 13 13-0057	EA		Four Roll, Partition Mounted, Stainless Steel Toilet Tissue Dispenser (Bobrick B-386)	342.97	25.71
			Note: Mounts centered through toilet partitions.		
10 28 13 13-0058	EA		Multi-Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser With Shelf (Bobrick B-2840)	148.95	25.71
10 28 13 13-0059	EA		Vertical Double Roll, Surface Mounted, Stainless Steel Coreless Toilet Tissue Dispenser (Georgia-Pacific Compact® 56782)	137.89	25.71
10 28 13 13-0060	EA		Side By Side Double Roll, Surface Mounted, Stainless Steel Toilet Tissue Dispenser (Georgia-Pacific Compact® 56796)	111.66	25.71
10 28 13 13-0061	EA		Two Roll, Recessed Mount, Stainless Steel Toilet Tissue Dispenser (Gamco TTD-9)	594.98	39.99
			For Owner Furnished Material, Deduct	-514.99	
10 28 13 13-0062			Soap or Sanitizer Dispensers (10 28 13 13-0002)		
10 28 13 13-0063	EA		20 Fluid Ounce, 4" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-8221)	102.02	25.71
			For 34 Fluid Ounce (B-822), Add	4.82	
10 28 13 13-0064	EA		20 Fluid Ounce, 6" Spout, Top-Filling Lavatory Mounted, Chrome Plated Soap Dispenser (Bobrick B-82216)	110.50	25.71
			For 34 Fluid Ounce (B-822), Add	4.82	
10 28 13 13-0065	EA		24 Fluid Ounce, Surface Mounted, Translucent Polyethylene Soap Dispenser (Bobrick B-156)	69.79	25.71
10 28 13 13-0066	EA		24 Fluid Ounce, Surface Mounted, Chrome-Plated, Translucent Polyethylene Soap Dispenser (Bobrick B-155)	75.72	25.71
10 28 13 13-0067	EA		40 Fluid Ounce, Concealed Surface Mounted, Translucent Soap Dispenser (Bobrick B-40)	91.50	25.71
10 28 13 13-0068	EA		40 Fluid Ounce, Surface Mounted, Translucent Plastic Soap Dispenser (Bobrick Classic B-42)	93.95	25.71
10 28 13 13-0069	EA		40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Classic B-2111/2112)	103.71	25.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0070 EA 40 Fluid Ounce, Surface Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4112).....	130.57	25.71
10 28 13 13-0071 EA 45 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick B-306).....	221.45	25.71
10 28 13 13-0072 EA 50 Fluid Ounce, Recessed Mounted, Stainless Steel Soap Dispenser (Bobrick Contura B-4063).....	351.77	25.71
10 28 13 13-0073 EA 800 ml, Lavatory Mounted, Chrome Plated Automatic Soap Dispenser (Bobrick B-826.18).....	218.99	25.71
Note: Includes start-up kit.		
10 28 13 13-0074 Sanitizer Dispensers (10 28 13 13-0002)		
10 28 13 13-0075 Manual Sanitizer Dispensers (10 28 13 13-0074)		
10 28 13 13-0076 EA 1,200 ml, Wall Mounted, Plastic, Manual Operation Liquid Hand Sanitizer Dispenser (Purell 5020-01).....	80.74	25.71
10 28 13 13-0077 EA 1,200 ml, Wall Mounted, Plastic, Manual Operation Foam Hand Sanitizer Dispenser (Purell 4510-00).....	81.95	25.71
10 28 13 13-0078 EA 1,250 ml, Wall Mounted, Plastic, Manual Operation Gel Hand Sanitizer Dispenser (Purell 8824-06-UV).....	81.57	25.71
10 28 13 13-0079 Automatic Sanitizer Dispensers (10 28 13 13-0074)		
10 28 13 13-0080 EA 1,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Clorox 30242-EA).....	75.58	25.71
10 28 13 13-0081 EA 1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 6420-01 ES6).....	98.19	25.71
10 28 13 13-0082 EA 1,200 ml, Wall Mounted, Plastic, Automatic Operation Gel Hand Sanitizer Dispenser (Purell 6520-01 CS6).....	92.55	25.71
10 28 13 13-0083 EA 1,200 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 7720-01 ES8).....	99.46	25.71
10 28 13 13-0084 EA 1,000/1,200 ml, Wall Mounted, Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Georgia-Pacific enMotion® Gen2 Hygiene Series 52058).....	114.43	25.71
10 28 13 13-0085 EA 2,000 ml, Wall Mounted, Plastic, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 5240-06).....	115.14	25.71
10 28 13 13-0086 Automatic Floor Stand Sanitizer Dispensers (10 28 13 13-0074)		
10 28 13 13-0087 EA 1,000 ml, Floor Stand, Metal, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell Elite LTX™ 2456-DS).....	573.65	8.57
10 28 13 13-0088 EA 1,200 ml, Floor Stand, ABS Plastic, Automatic Operation Foam/Gel Hand Sanitizer Dispenser (Purell 7308-DS-SLV).....	616.94	8.57
10 28 13 13-0089 EA 1,200 ml, Floor Stand, Aluminum and Polypropylene, Automatic Operation Liquid Hand Sanitizer Dispenser (Purell 2454-DS02).....	641.14	8.57
10 28 13 13-0090 Facial Tissue Dispensers (10 28 13 13-0002)		
10 28 13 13-0091 EA Surface Mounted, Stainless Steel Facial Tissue Dispenser (Bobrick B-8397).....	117.29	25.71
10 28 13 13-0092 EA Recessed Mounted, Stainless Steel Facial Tissue Dispenser (Gamco 355).....	83.70	25.71
10 28 13 13-0093 Sanitary Toilet Seat Cover Dispensers (10 28 13 13-0002)		
10 28 13 13-0094 EA Surface Mounted, Acrylonitrile Butadiene Styrene (ABS) Plastic Sanitary Seat-Cover Dispenser (Bobrick Matrix B-5221).....	68.65	25.71
10 28 13 13-0095 EA Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-221).....	90.99	25.71
10 28 13 13-0096 EA Surface Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Contura B-4221).....	161.39	25.71
10 28 13 13-0097 EA Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick Classic B-301).....	169.72	25.71
10 28 13 13-0098 EA Recessed Mounted, Stainless Steel Sanitary Seat-Cover Dispenser (Bobrick TrimLine B-3013).....	333.40	25.71
10 28 13 13-0099 Sanitary Toilet Seat Cover/Toilet Tissue Dispensers (10 28 13 13-0002)		
10 28 13 13-0100 EA Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick Classic B-3479).....	530.73	25.71
10 28 13 13-0101 EA Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-34745).....	323.71	25.71
10 28 13 13-0102 Sanitary Napkin/Tampon Dispensers (10 28 13 13-0002)		
10 28 13 13-0103 EA Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick B-370639C).....	655.00	25.71
10 28 13 13-0104 EA Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Gamco B-282 25).....	498.37	25.71
10 28 13 13-0105 EA Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Vending (Bobrick B-2706).....	663.62	25.71
10 28 13 13-0106 EA Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bobrick Classic B-352 25).....	502.74	25.71
10 28 13 13-0107 EA Recessed Mounted, Single Coin Operation, Stainless Steel, Sanitary Napkin/Tampon Vendor (Gamco NV-2-4).....	442.17	25.71
10 28 13 13-0108 EA Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Vendor (Bradley 401-45).....	553.81	25.71
10 28 13 13-0109 Toilet Compartment Combination Dispenser/Disposals (10 28 13 13-0002)		
10 28 13 13-0110 EA Side Wall Recessed Mounted, Stainless Steel Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3094).....	463.79	57.13
10 28 13 13-0111 EA Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-3474).....	517.68	57.13
10 28 13 13-0112 EA Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-35745).....	429.54	57.13
10 28 13 13-0113 EA Side Wall Recessed Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3574).....	604.20	57.13
10 28 13 13-0114 EA Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser (Bobrick B-347).....	620.87	57.13
10 28 13 13-0115 EA Partition Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-357).....	713.89	57.13
10 28 13 13-0116 EA Surface Mounted, Stainless Steel Seat Cover And Toilet Tissue Dispenser With Sanitary Napkin Disposal (Bobrick B-3579).....	669.40	57.13
10 28 13 13-0117 Receptacles (10 28 13 13-0001)		
10 28 13 13-0118 Wall Mounted Waste Receptacles (10 28 13 13-0117)		
10 28 13 13-0119 EA 1-1/2 Gallon, Surface Mounted, Stainless Steel Facial Tissue Waste Receptacle (Gamco WR-3).....	103.67	25.71
10 28 13 13-0120 EA 6.4 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-279).....	171.56	25.71
10 28 13 13-0121 EA 12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Classic B-3644).....	396.41	57.13

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0122	EA	12 Gallon, 4" Wall Recess, Stainless Steel Waste Receptacle (Bobrick Contura B-43644)	587.52	57.13
10 28 13 13-0123	EA	20 Gallon, Surface Mounted, Stainless Steel Waste Receptacle (Bobrick B-275)	465.67	57.13
10 28 13 13-0124		Floor-Standing/Counter Waste Receptacles <small>(10 28 13 13-0117)</small>		
10 28 13 13-0125	EA	5-7/8" Inside Diameter, 3-7/8" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-532)	122.23	25.71
10 28 13 13-0126	EA	5-7/16" Inside Diameter, 5" Deep, Countertop-Mounted, Stainless Steel Waste Chute (Bobrick B-529)	174.67	25.71
10 28 13 13-0127	EA	13 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2260)	331.60	11.42
10 28 13 13-0128	EA	13 Gallon, Swing-Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2250)	501.80	11.42
10 28 13 13-0129	EA	18 Gallon, Open Top, Stainless Steel Floor-Standing Waste Receptacle (Bobrick B-2300)	470.08	11.42
10 28 13 13-0130	EA	21 Gallon, Open Top, Stainless Steel Floor Standing Waste Receptacle (Bobrick B-2280)	452.04	11.42
10 28 13 13-0131		Combination Paper Towel Dispenser/ Waste Receptacle <small>(10 28 13 13-0117)</small>		
10 28 13 13-0132	EA	2 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-369)	328.56	57.13
10 28 13 13-0133	EA	2.6 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-4369)	527.30	57.13
10 28 13 13-0134	EA	2 Gallon, Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3944)	519.39	57.13
10 28 13 13-0135	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3900)	754.18	57.13
10 28 13 13-0136	EA	12 Gallon, Semi-Recess Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3909)	1,037.65	57.13
10 28 13 13-0137	EA	12 Gallon, Recessed Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-3961)	877.30	57.13
10 28 13 13-0138	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3949)	676.60	57.13
10 28 13 13-0139	EA	12 Gallon, Surface Mounted, Stainless Steel Combination Roll Towel Dispenser/Waste Receptacle (Bobrick Classic B-39619)	1,094.98	57.13
10 28 13 13-0140	EA	16 Gallon, Semi-Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Contura B-43944)	1,012.83	62.85
10 28 13 13-0141	EA	18 Gallon, Recessed Mounted, Stainless Steel Combination Folded Paper Towel Dispenser/Waste Receptacle (Bobrick Classic B-3947)	681.49	62.85
10 28 13 13-0142		Sanitary Napkin/Tampon Receptacles <small>(10 28 13 13-0117)</small>		
10 28 13 13-0143	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Contura B-270)	95.86	28.56
10 28 13 13-0144	EA	Surface Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-254)	189.11	28.56
10 28 13 13-0145	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-353)	205.55	28.56
10 28 13 13-0146	EA	Recessed Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-35303)	477.52	28.56
10 28 13 13-0147	EA	Partition Mounted, Stainless Steel Sanitary Napkin/Tampon Disposal (Bobrick Classic B-354)	254.17	28.56
10 28 13 13-0148	EA	Partition Mounted, Stainless Steel Sanitary Napkin Disposal (Bobrick Contura B-4354)	443.88	28.56
10 28 13 13-0149		Grab Bars <small>(10 28 13 13-0001)</small>		
10 28 13 13-0150		1-1/4" Diameter, Stainless Steel Grab Bars <small>(10 28 13 13-0149)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0151	EA	12" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Gamco 125sx12)	94.94	22.85
		<i>For Peened Grip, Add</i>	4.95	
10 28 13 13-0152	EA	18" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x18)	108.99	22.85
		<i>For Peened Grip, Add</i>	6.21	
10 28 13 13-0153	EA	24" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x24)	110.40	22.85
		<i>For Peened Grip, Add</i>	6.34	
10 28 13 13-0154	EA	30" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x30)	111.06	22.85
		<i>For Peened Grip, Add</i>	6.40	
10 28 13 13-0155	EA	36" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x36)	111.24	22.85
		<i>For Peened Grip, Add</i>	6.41	
10 28 13 13-0156	EA	42" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x42)	114.64	22.85
		<i>For Peened Grip, Add</i>	6.72	
10 28 13 13-0157	EA	48" Length, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5806x48)	120.00	22.85
		<i>For Peened Grip, Add</i>	7.20	
10 28 13 13-0158		1-1/4" Diameter, Two Wall, Stainless Steel Grab Bars <small>(10 28 13 13-0149)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0159	EA	24" x 36", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-58616)	182.27	22.85
		<i>For Peened Grip, Add</i>	12.29	
10 28 13 13-0160	EA	36" x 54", Two Wall, 1-1/4" Diameter, Stainless Steel Grab Bar (Bobrick B-5837)	185.93	22.85
		<i>For Peened Grip, Add</i>	12.62	
10 28 13 13-0161		1-1/2" Diameter, Stainless Steel Grab Bars <small>(10 28 13 13-0149)</small>		
		Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13 13-0162	EA	12" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x12)	107.81	22.85
		<i>For Peened Grip, Add</i>	6.10	
10 28 13 13-0163	EA	18" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x18)	108.99	22.85
		<i>For Peened Grip, Add</i>	6.21	
10 28 13 13-0164	EA	24" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x24)	111.24	22.85
		<i>For Peened Grip, Add</i>	6.41	
10 28 13 13-0165	EA	30" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x30)	113.51	22.85
		<i>For Peened Grip, Add</i>	6.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13	13-0166	EA	36" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x36).....	116.33	22.85
			<i>For Peened Grip, Add</i>	6.87	
10 28 13	13-0167	EA	42" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x42).....	118.88	22.85
			<i>For Peened Grip, Add</i>	7.10	
10 28 13	13-0168	EA	48" Length, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6806x48).....	125.10	22.85
			<i>For Peened Grip, Add</i>	7.66	
10 28 13	13-0169		1-1/2" Diameter, Two Wall, Stainless Steel Grab Bars (10 28 13 13-0149)		
			Note: Includes satin finish and concealed mounting with snap flange.		
10 28 13	13-0170	EA	16" x 31", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-6861).....	166.99	22.85
			<i>For Peened Grip, Add</i>	10.92	
10 28 13	13-0171	EA	24" x 36", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68616).....	179.16	22.85
			<i>For Peened Grip, Add</i>	12.01	
10 28 13	13-0172	EA	36" x 54", Two Wall, 1-1/2" Diameter, Stainless Steel Grab Bar (Bobrick B-68137).....	156.25	22.85
			<i>For Peened Grip, Add</i>	9.95	
10 28 13	13-0173		1-1/4" Diameter, Stainless Steel Swing Up Grab Bars (10 28 13 13-0149)		
			Note: Includes satin finish and mounting for swing up.		
10 28 13	13-0174	EA	29" Length, 1-1/4" Diameter, Stainless Steel Swing Up Grab Bar (Bobrick B-4998).....	482.16	22.85
			<i>For Peened Grip, Add</i>	39.80	
10 28 13	13-0175		Shelves (10 28 13 13-0001)		
10 28 13	13-0176	EA	5" Width x 16" Length, Stainless Steel Shelf (Bobrick B-295).....	124.06	25.71
10 28 13	13-0177	EA	5" Width x 18" Length, Stainless Steel Shelf (Bobrick B-295).....	127.46	25.71
10 28 13	13-0178	EA	5" Width x 24" Length, Stainless Steel Shelf (Bobrick B-295).....	143.01	25.71
10 28 13	13-0179	EA	5" Width x 36" Length, Stainless Steel Shelf (Gamco S-5x36).....	146.92	25.71
10 28 13	13-0180	EA	6" Width x 18" Length, Stainless Steel Shelf (Bobrick B-296).....	140.76	25.71
10 28 13	13-0181	EA	6" Width x 24" Length, Stainless Steel Shelf (Gamco S-6x24).....	142.60	25.71
10 28 13	13-0182	EA	8" Width x 18" Length, Stainless Steel Shelf (Bobrick B-298).....	151.77	25.71
10 28 13	13-0183	EA	8" Width x 24" Length, Stainless Steel Shelf (Bobrick B-298).....	165.05	25.71
10 28 13	13-0184	EA	8" Width x 36" Length, Stainless Steel Shelf (Gamco S-8x36).....	193.13	25.71
10 28 13	13-0185	EA	5-3/4" Width x 14-1/2" Length, Folding Stainless Steel Utility Shelf (Bobrick B-287).....	152.05	25.71
10 28 13	13-0186	EA	4-3/4" Width x 24" Length, Stainless Steel Toiletary Shelf (Bobrick B-683).....	154.88	25.71
10 28 13	13-0187	EA	12" Width x 24" Length, Stainless Steel Shelf (Bradley 7512-24).....	295.75	25.71
10 28 13	13-0188	EA	12" Width x 30" Length, Stainless Steel Shelf (Bradley 7512-30).....	317.10	25.71
10 28 13	13-0189	EA	12" Width x 36" Length, Stainless Steel Shelf (Bradley 7512-36).....	350.04	25.71
10 28 13	13-0190	EA	12" Width x 48" Length, Stainless Steel Shelf (Bradley 7512-48).....	439.69	25.71
10 28 13	13-0191	EA	12" Width x 60" Length, Stainless Steel Shelf (Bradley 7512-60).....	603.01	25.71
10 28 13	13-0192	EA	4-1/4" Width x 16-1/2" Length x 6-1/2" Height, Recessed Stainless Steel Shelf (American Specialties 0412).....	242.00	25.71
10 28 13	13-0193		Changing Stations (10 28 13 13-0001)		
10 28 13	13-0194	EA	Horizontal, Wall-Mounted, Polyethylene Baby Changing Station (Gamco BCS-1).....	458.90	34.28
10 28 13	13-0195	EA	Vertical, Wall-Mounted, Polyethylene Baby Changing Station (Bobrick Koala Care KB101-00).....	486.20	34.28
10 28 13	13-0196	EA	Horizontal, Wall-Mounted, Polypropylene Baby Changing Station (Bobrick Koala Care KB200-00).....	401.67	34.28
10 28 13	13-0197	EA	Horizontal, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSRE).....	1,940.90	34.28
10 28 13	13-0198	EA	Horizontal, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB110-SSWM).....	2,266.90	34.28
10 28 13	13-0199	EA	Vertical, Recessed Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSRE).....	1,940.90	34.28
10 28 13	13-0200	EA	Vertical, Wall-Mounted, Stainless Steel Baby Changing Station (Bobrick Koala Care KB111-SSWM).....	2,266.90	34.28
10 28 13	13-0201		Folding Shower Seats (10 28 13 13-0001)		
10 28 13	13-0202	EA	33" Width, Wall-Mounted, Reversible, Folding, Stainless Steel Hardware, Solid Phenolic Shower Seat (Bobrick B-5181).....	576.52	45.70
10 28 13	13-0203	EA	33" Width, Wall-Mounted, Foam Padded, Naugahyde® Folding Shower Seat (Bobrick B-517/518).....	754.63	45.70
10 28 13	13-0204	EA	30" Width, Wall-Mounted, Teakwood Folding Shower Seat.....	1,681.01	45.70
10 28 13	13-0205	EA	33-1/2" Width, Wall-Mounted, Stainless Steel, Americans With Disabilities Act Compliant Folding Shower Seat, (Acorn Shower-Ware 1103-31/1103-32).....	3,663.08	
10 28 13	13-0206		Soap/Dish Holders (10 28 13 13-0001)		
10 28 13	13-0207	EA	Surface Mounted, Stainless Steel Toothbrush and Tumbler Holder (Gamco 7679).....	63.65	25.71
10 28 13	13-0208	EA	Surface Mounted, Stainless Steel Soap Dish (Gamco 7680).....	65.62	25.71
10 28 13	13-0209	EA	Recessed Mounted, Stainless Steel Soap Dish (Bobrick B-4380).....	115.15	25.71
10 28 13	13-0210	EA	Recessed Mounted, Stainless Steel Soap Dish And Bar (Bobrick B-4390).....	125.05	25.71
10 28 13	13-0211		Shower Curtains/Curtain Rods (10 28 13 13-0001)		
10 28 13	13-0212	EA	Stainless Steel Shower Curtain Hook (Bobrick B-204-1).....	3.16	1.15
10 28 13	13-0213	EA	42" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-2).....	51.41	11.42
			Note: Requires 7 curtain hooks.		
10 28 13	13-0214	EA	70" Width x 72" Height, Vinyl Shower Curtain (Bobrick B-204-3).....	53.82	11.42
			Note: Requires 12 curtain hooks.		
10 28 13	13-0215	EA	36" Length, 20 Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	91.27	25.71
10 28 13	13-0216	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	97.50	25.71
10 28 13	13-0217	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	105.13	25.71
10 28 13	13-0218	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod With Concealed Mounting (Bobrick B-207).....	114.46	25.71
10 28 13	13-0219	EA	36" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x36).....	80.53	25.71
10 28 13	13-0220	EA	48" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x48).....	87.88	25.71

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0221	EA	60" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x60)	92.12	25.71
10 28 13 13-0222	EA	72" Length, 20-Gauge, 1" Diameter, Stainless Steel Shower Rod (Bobrick B-6107x72)	97.50	25.71
10 28 13 13-0223	EA	36" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	83.64	25.71
10 28 13 13-0224	EA	48" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	89.86	25.71
10 28 13 13-0225	EA	60" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	97.20	25.71
10 28 13 13-0226	EA	72" Length, 18-Gauge, 1-1/4" Diameter, Stainless Steel Shower Rod (Bobrick B-6047)	102.30	25.71
10 28 13 13-0227 Hand Dryers (10 28 13 13-0001)				
10 28 13 13-0228	EA	Surface Mounted, Automatic Sensor, One Piece Plastic Cover Hand Dryer (Bobrick CompacDryer B-710)	519.66	27.21
10 28 13 13-0229	EA	Surface Mounted, Automatic Sensor, Cast Aluminum Cover Hand Dryer (Bobrick B-7120-115V)	561.20	27.21
10 28 13 13-0230	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-7128 230V)	623.97	27.21
10 28 13 13-0231	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Bobrick B-750-115/230)	891.92	27.21
10 28 13 13-0232	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand Dryer (World Dryer A)	906.65	27.21
10 28 13 13-0233	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (World Dryer A)	1,017.41	27.21
10 28 13 13-0234	EA	Surface Mounted, Touch-Button, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60)	1,847.60	27.21
10 28 13 13-0235	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60T)	1,923.34	27.21
10 28 13 13-0236	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (American Dryer A60TR)	2,004.12	27.21
10 28 13 13-0237	EA	Surface Mounted, Automatic Sensor, Cast-Iron Cover Hand Dryer (Excel Xlerator XL-GR)	1,164.38	27.21
10 28 13 13-0238	EA	Surface Mounted, Automatic Sensor, 22 Gauge Steel Cover Hand Dryer (Bobrick B-7120)	464.57	27.21
10 28 13 13-0239	EA	Surface Mounted, Automatic Sensor, 18 Gauge Stainless Steel Cover Hand Dryer (Bobrick B-7128-115V)	535.59	27.21
10 28 13 13-0240	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer RA)	868.73	27.21
10 28 13 13-0241	EA	Recessed Mounted, Automatic Sensor, Cast-Iron Cover Hand/Hair Dryer (World Dryer XRA)	929.79	27.21
10 28 13 13-0242	EA	Recessed Mounted, Automatic Sensor, Stainless Steel Cover Hand/Hair Dryer (World Dryer DXRA)	1,090.58	27.21
10 28 13 13-0243	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB12)	1,696.07	27.21
10 28 13 13-0244	EA	Surface Mounted, Automatic Sensor, Acrylonitrile Butadiene Styrene (ABS) Polycarbonate Cover Hand Dryer (Dyson Airblade AB14)	2,867.49	27.21
10 28 13 13-0245	EA	Surface Mounted, Automatic Sensor, White ABS Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9)	1,249.67	27.21
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0246	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-M)	1,320.54	27.21
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0247	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-BG)	1,361.03	27.21
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0248	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-C)	1,401.53	27.21
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0249	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, CPC Technology, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer CPC9-SS)	1,482.52	27.21
Note: CPC technology kills germs naturally with no chemicals. Electronically adjustable sound and speed.				
10 28 13 13-0250	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9)	1,006.69	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0251	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-M)	1,077.56	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0252	EA	Surface Mounted, Automatic Sensor, Black Graphite Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-BG)	1,118.06	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0253	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-C)	1,158.55	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0254	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Dries Hands In 10 To 12 Seconds, Hand Dryer (American Dryer GXT9-SS)	1,239.55	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0255	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7)	1,006.69	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0256	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-M)	1,077.56	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0257	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-BG)	1,118.06	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0258	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-C)	1,158.55	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0259	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 12 To 15 Seconds, Hand Dryer (American Dryer EXT7-SS)	1,239.55	27.21
Note: Electronically adjustable sound and speed.				
10 28 13 13-0260	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90)	723.22	27.21
10 28 13 13-0261	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-M)	794.09	27.21
10 28 13 13-0262	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-BG)	834.59	27.21
10 28 13 13-0263	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-C)	875.08	27.21
10 28 13 13-0264	EA	Surface Mounted, Stainless Steel Cover, Dries Hands In 25 Seconds, Hand Dryer (American Dryer AD90-SS)	956.07	27.21
10 28 13 13-0265	EA	Surface Mounted, Automatic Sensor, White ABS Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90H)	723.22	27.21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13	13-0266	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-MH).....	794.09	27.21
10 28 13	13-0267	EA	Surface Mounted, Automatic Sensor, Black Graphite Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-BGH).....	834.59	27.21
10 28 13	13-0268	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-CH).....	875.08	27.21
10 28 13	13-0269	EA	Surface Mounted, Automatic Sensor, Stainless Steel Cover, Stays On For 80 Seconds, Hair Dryer (American Dryer AD90-SSH).....	956.07	27.21
10 28 13	13-0270	EA	Surface Mounted, Automatic Sensor, ABS Cover, Hand Dryer (American Dryer GX1).....	520.74	27.21
10 28 13	13-0271	EA	Surface Mounted, Automatic Sensor, White Epoxy Finish Steel Cover, Hand Dryer (American Dryer GX1-M).....	591.61	27.21
10 28 13	13-0272	EA	Surface Mounted, Automatic Sensor, Satin Chrome Finish Steel Cover, Hand Dryer (American Dryer GX1-C).....	672.60	27.21
10 28 13 13-0273 Hand Dryers (Excel XLERATOR®) (10 28 13 13-0001)					
Note: With or without noise reduction nozzle options.					
10 28 13	13-0274	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-W).....	1,035.05	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0275	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-WH).....	1,464.66	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0276	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-GR).....	1,217.47	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0277	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel Xlerator XL-GRH).....	1,526.46	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0278	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-C).....	1,310.17	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0279	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-CH).....	1,619.15	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0280	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer (Excel XLERATOR® XL-SB).....	1,310.17	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0281	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SBH).....	1,619.15	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0282	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer (Excel XLERATOR® XL-SP).....	1,217.47	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0283	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-SPH).....	1,526.46	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0284	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer (Excel XLERATOR® XL-BW).....	1,093.88	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0285	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOR® XL-BWH).....	1,402.86	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0286	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-W-ECO).....	1,035.05	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0287	EA	Surface Mounted, Automatic Sensor, White Epoxy Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-WH-ECO).....	1,464.66	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0288	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-GR-ECO).....	1,217.47	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0289	EA	Surface Mounted, Automatic Sensor, Graphite Textured Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-GRH-ECO).....	1,526.46	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0290	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-C-ECO).....	1,310.17	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0291	EA	Surface Mounted, Automatic Sensor, Chrome Plated Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-CH-ECO).....	1,619.15	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0292	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SB-ECO).....	1,310.17	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0293	EA	Surface Mounted, Automatic Sensor, Brushed Finish, Stainless Steel Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SBH-ECO).....	1,619.15	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0294	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer (Excel XLERATOReco® XL-SP-ECO).....	1,217.47	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0295	EA	Surface Mounted, Automatic Sensor, Custom Color Painted Finish, Zinc-Die Cast Cover, No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-SPH-ECO).....	1,526.46	27.21
For ADA-Compliant Recess Kit, Add				166.81	
10 28 13	13-0296	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer (Excel XLERATOReco® XL-BW-ECO).....	1,093.88	27.21
For ADA-Compliant Recess Kit, Add				166.81	

10	10	Specialties
	10 20	Interior Specialties
	10 28	Toilet, Bath, and Laundry Accessories



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
10 28 13 13-0297	EA	Surface Mounted, Automatic Sensor, White Finish, Polymer Cover (BMC), No Heat Hand Dryer With High Efficiency Particulate Air (HEPA) Filtration System (Excel XLERATOReco® XL-BWH-ECO).....	1,402.86		27.21
		<i>For ADA-Compliant Recess Kit, Add</i>	166.81		
10 28 13 13-0298		Additional Accessories <small>(10 28 13 13-0001)</small>			
10 28 13 13-0299		Hooks <small>(10 28 13 13-0298)</small>			
10 28 13 13-0300	EA	Stainless Steel Clothes Hook And Bumper (Bobrick B-212).....	32.18		11.42
10 28 13 13-0301	EA	Single Stainless Steel Robe Hook (Bobrick B-233)	38.40		11.42
10 28 13 13-0302	EA	Single Stainless Steel Robe Hook (Bobrick B-7671)	32.74		11.42
10 28 13 13-0303	EA	Double Stainless Steel Robe Hook (Bobrick B-7672)	35.52		11.42
10 28 13 13-0304	EA	Double Stainless Steel Robe Hook (Bobrick B-672 or B-6727)	58.75		11.42
10 28 13 13-0305	EA	Single Stainless Steel Robe Hook (Bobrick B-6717)	53.09		11.42
10 28 13 13-0306		Clotheslines <small>(10 28 13 13-0298)</small>			
10 28 13 13-0307	EA	Surface Mounted, Stainless Steel Retractable Clothesline (Gamco 7636)	56.25		22.85
10 28 13 13-0308		Towel Bars <small>(10 28 13 13-0298)</small>			
10 28 13 13-0309	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x18).....	69.35		25.71
10 28 13 13-0310	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Gamco 7673x24).....	69.57		25.71
10 28 13 13-0311	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x18).....	77.86		25.71
10 28 13 13-0312	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Gamco 7674x24).....	78.65		25.71
10 28 13 13-0313	EA	18" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	115.02		25.71
10 28 13 13-0314	EA	24" Length, 3/4" Square, Stainless Steel Towel Bar (Bobrick B-673)	119.82		25.71
10 28 13 13-0315	EA	18" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	118.70		25.71
10 28 13 13-0316	EA	24" Length, 3/4" Diameter, Stainless Steel Towel Bar (Bobrick B-674)	122.65		25.71
10 28 13 13-0317	EA	18" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	129.73		25.71
10 28 13 13-0318	EA	24" Length, 1" Diameter, Heavy-Duty, Stainless Steel Towel Bar (Bobrick B-205).....	133.93		25.71
10 28 13 13-0319	EA	18" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	98.91		25.71
10 28 13 13-0320	EA	24" Length, 1" Diameter, Extra-Heavy-Duty, Stainless Steel Towel Bar/Grab Bar (Bobrick B-530).....	102.58		25.71
10 28 13 13-0321		Towel Bar With Shelf <small>(10 28 13 13-0298)</small>			
10 28 13 13-0322	EA	24" Length, Stainless Steel Towel Shelf With Towel Bar (Bobrick B-676)	222.45		25.71
10 28 13 13-0323		Towel Pins <small>(10 28 13 13-0298)</small>			
10 28 13 13-0324	EA	Stainless Steel Towel Pin (Bobrick B-677).....	56.78		11.42
10 28 13 13-0325		Drinking Fountain Grab Bars <small>(10 28 13 13)</small>			
10 28 13 13-0326		1-1/4" Diameter, Stainless Steel Drinking Fountain Grab Bars <small>(10 28 13 13-0325)</small>			
		Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.			
10 28 13 13-0327	EA	1-1/4" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars.....	545.74		75.41
10 28 13 13-0328	EA	1-1/4" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars.....	606.98		75.41
10 28 13 13-0329	EA	1-1/4" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars.....	720.27		75.41
10 28 13 13-0330	EA	1-1/4" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars	885.61		75.41
10 28 13 13-0331		1-1/2" Diameter, Stainless Steel Drinking Fountain Grab Bars <small>(10 28 13 13-0325)</small>			
		Note: Includes two wall and one floor concealed mounting with snap flange. 33" high x 18" deep, second rail 6" off ground.			
10 28 13 13-0332	EA	1-1/2" Diameter, Satin Stainless Steel Drinking Fountain Grab Bars.....	573.30		75.41
10 28 13 13-0333	EA	1-1/2" Diameter, Peened Stainless Steel Drinking Fountain Grab Bars.....	634.54		75.41
10 28 13 13-0334	EA	1-1/2" Diameter, Anti-Slip Stainless Steel Drinking Fountain Grab Bars.....	753.95		75.41
10 28 13 13-0335	EA	1-1/2" Diameter, Bright Or Bright Peened Stainless Steel Drinking Fountain Grab Bars	916.23		75.41
10 28 13 13-0336		1-1/2" Diameter, Steel Drinking Fountain Grab Bars <small>(10 28 13 13-0325)</small>			
		Note: Includes three wall and one floor concealed mounting with snap flange.			
10 28 13 13-0337	EA	1-1/2" Diameter, Steel Drinking Fountain Grab Bars, 42" High.....	356.08		75.41
10 28 13 13-0338		Mirrors <small>(10 28 13 13)</small>			
10 28 13 13-0339		Stainless Steel Channel Frame Glass Mirrors <small>(10 28 13 13-0338)</small>			
10 28 13 13-0340	EA	16" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-16x24).....	117.39		28.56
10 28 13 13-0341	EA	18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1824).....	132.74		28.56
10 28 13 13-0342	EA	18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1830).....	138.05		28.56
		<i>For Tempered Glass (B-1658), Add</i>	44.65		
10 28 13 13-0343	EA	18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 1836).....	148.95		28.56
		<i>For Tempered Glass (B-1658), Add</i>	52.28		
10 28 13 13-0344	EA	24" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2430).....	162.94		28.56
10 28 13 13-0345	EA	24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2436).....	168.82		28.56
		<i>For Tempered Glass (B-1658), Add</i>	66.19		
10 28 13 13-0346	EA	24" x 48", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2448).....	207.42		28.56
10 28 13 13-0347	EA	24" x 60", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 2460).....	239.03		28.56
10 28 13 13-0348	EA	36" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-36x36)	287.34		28.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 28 13 13-0349 EA 48" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Bobrick B-165 4836).....	360.72	28.56
10 28 13 13-0350 EA 60" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror (Gamco C-60x36).....	405.30	28.56
10 28 13 13-0351 Stainless Steel Channel Frame Glass Mirror/Shelf Combination (10 28 13 13-0338)		
10 28 13 13-0352 EA 18" x 24", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1824).....	214.69	28.56
10 28 13 13-0353 EA 18" x 30", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1830).....	231.20	28.56
10 28 13 13-0354 EA 18" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 1836).....	242.11	28.56
10 28 13 13-0355 EA 24" x 36", Surface Mounted, Stainless Steel Channel Frame Glass Mirror/Shelf Combination (Bobrick B-166 2436).....	272.88	28.56
10 28 13 13-0356 Stainless Steel Angle Frame Glass Mirrors (10 28 13 13-0338)		
10 28 13 13-0357 EA 18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1824).....	191.44	28.56
10 28 13 13-0358 EA 18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1830).....	209.66	28.56
For Tempered Glass (B-2908), Add	89.36	
10 28 13 13-0359 EA 18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 1836).....	215.81	28.56
For Tempered Glass (B-2908), Add	93.42	
10 28 13 13-0360 EA 24" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2430).....	252.18	28.56
10 28 13 13-0361 EA 24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2436).....	253.58	28.56
For Tempered Glass (B-2908), Add	118.34	
10 28 13 13-0362 EA 24" x 48", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2448).....	337.77	28.56
10 28 13 13-0363 EA 24" x 60", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2460).....	396.52	28.56
10 28 13 13-0364 EA 24" x 72", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Bobrick B-290 2472).....	451.35	28.56
10 28 13 13-0365 EA 36" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-36x36).....	302.02	28.56
10 28 13 13-0366 EA 48" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-48x36).....	367.40	28.56
10 28 13 13-0367 EA 72" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror (Gamco A-72x36).....	560.75	28.56
10 28 13 13-0368 Stainless Steel Angle Frame Glass Mirror/Shelf Combination (10 28 13 13-0338)		
10 28 13 13-0369 EA 18" x 24", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Gamco AS-18x24).....	197.82	28.56
10 28 13 13-0370 EA 18" x 30", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1830).....	386.72	28.56
10 28 13 13-0371 EA 18" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-1836).....	405.20	28.56
10 28 13 13-0372 EA 24" x 36", Surface Mounted, Stainless Steel Angle Frame Glass Mirror/Shelf Combination (Bobrick B-292-2436).....	451.35	28.56
10 28 13 13-0373 Frameless Stainless Steel Mirrors (10 28 13 13-0338)		
10 28 13 13-0374 EA 17-1/2" x 29-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 1830).....	214.14	28.56
10 28 13 13-0375 EA 23-1/2" x 35-1/2", Frameless Stainless Steel Mirror (Bobrick B-1556 2436).....	275.94	28.56
10 28 13 13-0376 Fixed-Position Tilt, Stainless Steel Frame Glass Mirrors (10 28 13 13-0338)		
10 28 13 13-0377 EA 16" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1630).....	289.94	28.56
10 28 13 13-0378 EA 18" x 30", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1830).....	301.97	28.56
10 28 13 13-0379 EA 18" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 1836).....	364.91	28.56
10 28 13 13-0380 EA 24" x 36", Surface Mounted, Fixed-Position Tilt, Stainless Steel Frame Glass Mirror (Bobrick B-293 2436).....	447.99	28.56
10 28 13 13-0381 Medicine Cabinets (10 28 13 13)		
10 28 13 13-0382 Metal Medicine Cabinets (10 28 13 13-0381)		
10 28 13 13-0383 EA 20" x 26", Surface Mounted, Aluminum Medicine Cabinet (Kohler K-CB).....	675.05	57.13
10 28 13 13-0384 EA 15-1/2" x 25-7/8", Recessed Mounted, All-Steel Medicine Cabinet (Bobrick B-397).....	257.18	57.13
Note: Includes three adjustable plastic shelves.		
10 28 13 13-0385 EA 14-1/8" x 20-1/4", Surface Mounted, All-Steel Medicine Cabinet (Bobrick B-297).....	265.23	57.13
Note: Includes two fixed shelves with baked white enamel finish.		
10 28 13 13-0386 EA 15-1/4" x 25-1/2", Recessed Mounted, Stainless Steel Medicine Cabinet (Bobrick B-398).....	571.97	57.13
Note: Includes four adjustable stainless steel shelves.		
10 28 13 13-0387 EA 17" x 26-7/8", Surface Mounted, Stainless Steel Medicine Cabinet (Bobrick B-299).....	782.59	57.13
Note: Includes four adjustable shelves.		
10 28 13 13-0388 Janitorial Material (10 28 13 13)		
10 28 13 13-0389 EA Stainless Steel Pail And Ladder Utility Hook (Bobrick B-670).....	53.09	11.42
10 28 13 13-0390 EA 24" Length, Stainless Steel Utility Hook Strip (Bobrick B-232x24).....	137.92	25.71
10 28 13 13-0391 EA 24" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x24).....	132.84	25.71
10 28 13 13-0392 EA 30" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Gamco MS-1).....	150.74	25.71
10 28 13 13-0393 EA 36" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder (Bobrick B-223x36).....	168.45	25.71
10 28 13 13-0394 EA 36" Length, Utility Hook Strip (Gamco HCS-2).....	112.96	25.71
10 28 13 13-0395 EA 36" Length, Stainless Steel Custodian Utility Shelf With Mop And Broom Holders And Rag Hooks (Bobrick B-224x36).....	311.50	25.71
10 28 13 13-0396 EA 34" Length, 3 Handle Capacity, Stainless Steel Mop And Broom Holder With Shelf And Rag Hooks (Bobrick B-239x34).....	448.06	25.71
10 28 13 13-0397 Removal And Reinstallation Of Bathroom Accessories (10 28 13 13)		
10 28 13 13-0398 EA Removal And Reinstallation Of Bathroom Accessory.....	35.71	

10 Specialties**10 20 Interior Specialties****10 28 Toilet, Bath, and Laundry Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
10 28 13 19 Healthcare Toilet Accessories (10 28 13)**10 28 13 19-0001 Healthcare Toilet Accessories (10 28 13 19)**

10 28 13 19-0002	EA	Surface Mounted, Stainless Steel Bedpan/Urinal Holder (Bradley BR-9905)	194.81	35.77
10 28 13 19-0003	EA	Recessed Mounted, Stainless Steel Bedpan Storage Cabinet (Bradley BR-990)	718.69	35.77
10 28 13 19-0004	EA	Stainless Steel Foot Operated Soap Dispenser (Bradley BR-6843)	238.62	95.18

10 28 16 Bath Accessories (10 28)**10 28 16 13 Residential Bath Accessories (10 28 16)****10 28 16 13-0001 Residential Toilet Accessories (10 28 16 13)****10 28 16 13-0002 Residential Shower Curtain Rod (10 28 16 13-0001)**

Note: Includes end brackets. See CSI section 10 28 13 13-0211 for shower curtain rods.

10 28 16 13-0003 Residential, Recessed, Chrome Plated Toilet Accessories (10 28 16 13-0001)

10 28 16 13-0004	EA	Single Roll, Recessed Mounted, Chrome Plated Toilet Paper Holder	114.11	25.71
10 28 16 13-0005	EA	Recessed Mounted, Chrome Plated Soap Dish	163.78	25.71
10 28 16 13-0006	EA	Recessed Mounted, Chrome Plated Soap Dish And Bar	173.88	25.71
10 28 16 13-0007	EA	Recessed Mounted, Chrome Plated Tumbler Holder	118.39	25.71

10 28 16 13-0008 Residential, Surface Mounted, Chrome Plated Toilet Accessories (10 28 16 13-0001)

10 28 16 13-0009	EA	Surface Mounted, Chrome Plated Soap Dish	74.62	17.14
10 28 16 13-0010	EA	Surface Mounted, Chrome Plated Single Clothes Hook	85.88	17.14
10 28 16 13-0011	EA	Surface Mounted, Chrome Plated Double Clothes Hook	85.88	17.14
10 28 16 13-0012	LF	6" Deep, Surface Mounted, Glass Shelf With Chrome Plated Supports	173.65	17.14
10 28 16 13-0013	LF	6" Deep, Surface Mounted, Stainless Steel Shelf	145.33	17.14
10 28 16 13-0014	EA	18" Length, Surface Mounted, Chrome Plated Towel Bar	96.14	22.85
10 28 16 13-0015	EA	24" Length, Surface Mounted, Chrome Plated Towel Bar	97.40	22.85
10 28 16 13-0016	EA	Surface Mounted, Chrome Plated Towel Ring	71.84	17.14
10 28 16 13-0017	EA	Surface Mounted, Chrome Plated Tumbler And Toothbrush Holder	63.19	11.42
10 28 16 13-0018	EA	Single Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	74.62	17.14
10 28 16 13-0019	EA	Two Roll, Surface Mounted, Chrome Plated Toilet Paper Holder	150.10	17.14
10 28 16 13-0020	EA	Surface Mounted, Chrome Plated Globe Soap Dispenser	89.77	17.14
10 28 16 13-0021	EA	Surface Mounted, Chrome Plated Towel Pin	94.87	11.42
10 28 16 13-0022	EA	Surface Mounted, Chrome Plated Towel Ladder And Shelf	289.33	17.14
10 28 16 13-0023	EA	Surface Mounted, Retractable Chrome Plated Bath/Shower Clothesline	139.80	17.14
10 28 16 13-0024	EA	24" Length, Cut To Size Towel Bar, Surface Mounted, Ceramic Base Towel Bar	85.12	17.14

10 28 16 13-0025 Residential Medicine Cabinets, Solid Oak (10 28 16 13-0001)

Note: Surface or recessed mounted, premium quality.

10 28 16 13-0026	EA	24" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	517.29	57.13
10 28 16 13-0027	EA	24" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	637.27	57.13
10 28 16 13-0028	EA	30" x 30" Unlighted, Solid Oak Medicine Cabinet With Mirror	548.75	57.13
10 28 16 13-0029	EA	30" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	680.19	57.13
10 28 16 13-0030	EA	36" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	568.60	57.13
10 28 16 13-0031	EA	36" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	717.89	57.13
10 28 16 13-0032	EA	48" x 30", Unlighted, Solid Oak Medicine Cabinet With Mirror	595.84	57.13
10 28 16 13-0033	EA	48" x 35", Lighted, Solid Oak Medicine Cabinet With Mirror	763.97	57.13

10 28 16 13-0034 Residential Toilet Accessories (10 28 16 13-0001)

10 28 16 13-0035	EA	Surface Mounted Plastic Paper Towel Dispenser	111.85	25.71
10 28 16 13-0036	EA	Surface Mounted Plastic Napkin Disposal	98.51	25.71
10 28 16 13-0037	EA	50 Fluid Ounce, Plastic Soap Dispenser For Soaps And Detergent	103.22	
10 28 16 13-0038	EA	50 Fluid Ounce, Plastic Soap Dispenser For Antibacterial Soaps	117.35	25.71
10 28 16 13-0039	EA	Multi Roll (2) Plastic Toilet Tissue Dispenser	111.89	25.71
10 28 16 13-0040	EA	Single Jumbo Roll Plastic Toilet Tissue Dispenser	137.11	31.42
10 28 16 13-0041	EA	Surface Mounted Plastic Toilet Seat Cover Dispenser	75.57	22.85
10 28 16 13-0042	EA	13 Gallon Plastic Waste Door For Countertops	266.24	42.85

10 28 19 Tub and Shower Enclosures (10 28)**10 28 19 16 Shower Doors (10 28 19)****10 28 19 16-0001 Swinging Shower Doors (10 28 19 16)****10 28 19 16-0002 Framed, Swinging Shower Doors (10 28 19 16-0001)**

10 28 19 16-0003	EA	24-1/4" To 26" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00801)	475.04	53.59
10 28 19 16-0004	EA	27-1/4" To 29" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00802)	499.14	26.79
10 28 19 16-0005	EA	29-5/8" To 31-3/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00803)	599.10	26.79
10 28 19 16-0006	EA	33-1/8" To 34-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00804)	496.57	26.79
10 28 19 16-0007	EA	35-1/8" To 36-7/8" Opening, Silver Finish Frame, Tempered Safety Glass, Swinging Shower Door (American Standard AM00805)	530.71	26.79

Specialties	10	10
Interior Specialties	10 20	
Toilet, Bath, and Laundry Accessories	10 28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 28 19 16-0008	Frameless, Swinging Shower Doors <small>(10 28 19 16-0001)</small>		
10 28 19 16-0009	EA 24-9/16" To 25-7/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0301D)	732.16	26.79
10 28 19 16-0010	EA 31-1/16" To 31-15/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0302D)	765.57	26.79
10 28 19 16-0011	EA 32-11/16" To 33-9/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0303D)	797.02	26.79
10 28 19 16-0012	EA 34-3/16" To 35-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0304D)	830.43	26.79
10 28 19 16-0013	EA 35-3/16" To 36-1/16" Opening, Frameless, Tempered Safety Glass, Swinging Shower Door (American Standard AM0305D)	862.86	26.79

10 28 19 16-0014	Sliding Shower Doors <small>(10 28 19 16)</small>		
10 28 19 16-0015	Framed, Sliding Shower Doors <small>(10 28 19 16-0014)</small>		
10 28 19 16-0016	EA 40" To 42" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00735)	798.81	26.79
10 28 19 16-0017	EA 44" To 46" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00745)	731.20	26.79
10 28 19 16-0018	EA 46" To 48" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00775)	749.41	26.79
10 28 19 16-0019	EA 52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00729)	768.78	26.79
10 28 19 16-0020	EA 54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00794)	779.59	26.79
10 28 19 16-0021	EA 56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00795)	795.58	26.79

10 28 19 16-0022	Frameless, Sliding Shower Doors <small>(10 28 19 16-0014)</small>		
10 28 19 16-0023	EA 40" To 44" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00335)	828.42	26.79
10 28 19 16-0024	EA 44" To 48" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00345)	1,012.36	26.79
10 28 19 16-0025	EA 56" To 60" Opening, 65-1/2" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00394)	1,074.27	26.79
10 28 19 16-0026	EA 40" To 44" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00330)	969.25	26.79
10 28 19 16-0027	EA 44" To 48" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00370)	982.80	26.79
10 28 19 16-0028	EA 56" To 60" Opening, 70" Height, Frameless, Tempered Safety Glass, By-Pass Sliding Shower Door (American Standard AM00390)	1,108.79	26.79

10 28 19 19	Tub Doors <small>(10 28 19)</small>		
10 28 19 19-0001	Sliding Bathtub Doors <small>(10 28 19 19)</small>		
10 28 19 19-0002	Framed, Sliding Bathtub Doors <small>(10 28 19 19-0001)</small>		
10 28 19 19-0003	EA 52" To 54" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00725)	710.87	26.79
10 28 19 19-0004	EA 54" To 56" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00749)	718.66	26.79
10 28 19 19-0005	EA 56" To 60" Opening, Silver Finish Frame, Tempered Safety Glass, By-Pass Sliding Bathtub Door (American Standard AM00750)	736.28	26.79

10 40 Safety Specialties (10)

10 41 Emergency Access And Information Cabinets (10 40)

10 41 13 Fire Department Plan Cabinets (10 41)

10 41 13 00-0001	Fire Department Plan Cabinets (Knox) <small>(10 41 13)</small>		
10 41 13 00-0002	EA 18" High x 14-1/2" Wide x 5" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,668.34	37.13
	<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
	<i>For Dual Locks, Add</i>	60.00	
	<i>For Back Key Hook Panel, Add</i>	59.26	
	<i>For Swing Key Hook Panel, Add</i>	158.26	
	<i>For Non-Locking Weather Housing, Add</i>	397.77	
10 41 13 00-0003	EA 18" High x 14-1/2" Wide x 7" Deep, Light Gray Finish, Surface Mount, Fire Department Emergency Storage Cabinet (Knox 1300)	1,769.31	37.13
	<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
	<i>For Dual Locks, Add</i>	60.00	
	<i>For Back Key Hook Panel, Add</i>	59.26	
	<i>For Swing Key Hook Panel, Add</i>	158.26	
	<i>For Second Swing Key Hook Panel, Add</i>	125.26	
	<i>For Non-Locking Weather Housing, Add</i>	397.77	

10 41 16 Emergency Key Cabinets (10 41)

10	10	Specialties
	10 40	Safety Specialties
	10 41	Emergency Access And Information Cabinets



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 41 16 00-0001			Emergency Key Cabinets (Knox) <small>(10 41 16)</small>		
10 41 16 00-0002	EA		Elevator/Lobby, Deep Red Finish, Surface Mount, Fire Department Emergency Key Storage Box (Knox 1403).....	830.32	37.13
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
10 41 16 00-0003	EA		5" High x 4" Wide x 3-3/4" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Box 3200).....	729.35	37.13
			<i>For Lift-Off Door, Deduct</i>	-40.00	
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	61.29	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	119.00	
10 41 16 00-0004	EA		6" High x 6" Wide x 4-1/2" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4100).....	976.72	37.13
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	61.29	
			<i>For Dual Locks, Add</i>	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	130.00	
10 41 16 00-0005	EA		7" High x 7" Wide x 5" Deep, Black Finish, Surface Mount, Fire Department Emergency Storage Box (Knox-Vault 4400).....	1,039.83	37.13
			<i>For Aluminum Or Dark Bronze Finish, Add</i>	10.00	
			<i>For Tamper Switch Connected To Existing Alarm System, Add</i>	40.00	
			<i>For Recess Mount, Add</i>	61.29	
			<i>For Dual Locks, Add</i>	60.00	
			<i>For Cast-In-Place Concrete Recess Mounting, Add</i>	135.00	

10 44 Fire Protection Specialties (10 40)

10 44 13 Fire Protection Cabinets (10 44)

10 44 13 00-0001			Fire Extinguisher Cabinets <small>(10 44 13)</small>		
10 44 13 00-0002			Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0001)</small>		
10 44 13 00-0003			Steel Door And Trim, Recessed Fire Extinguisher Cabinets <small>(10 44 13 00-0002)</small>		
			Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0004	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	374.01	46.85
10 44 13 00-0005	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	380.44	46.85
10 44 13 00-0006	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	381.72	46.85
10 44 13 00-0007	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	421.60	46.85
10 44 13 00-0008	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	525.79	46.85
10 44 13 00-0009	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet.....	539.94	46.85

10 44 13 00-0010 Aluminum Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0011	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	387.84	46.85
10 44 13 00-0012	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	394.23	46.85
10 44 13 00-0013	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	404.87	46.85
10 44 13 00-0014	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	422.97	46.85
10 44 13 00-0015	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	478.94	46.85
10 44 13 00-0016	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Aluminum Fire Extinguisher Cabinet.....	495.98	46.85

10 44 13 00-0017 Stainless Steel Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0018	EA		9" x 18" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	524.44	46.85
10 44 13 00-0019	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	537.59	46.85
10 44 13 00-0020	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	544.16	46.85
10 44 13 00-0021	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	589.08	46.85
10 44 13 00-0022	EA		16" x 32" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	679.56	46.85
10 44 13 00-0023	EA		20" x 27" x 7-3/4" Inside Dimensions, Recessed Stainless Steel Fire Extinguisher Cabinet.....	706.94	46.85

10 44 13 00-0024 Bronze Door And Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0025	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,586.09	46.85
10 44 13 00-0026	EA		10-1/2" x 24" x 6" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,597.99	46.85
10 44 13 00-0027	EA		12" x 27" x 7-3/4" Inside Dimensions, Recessed Bronze Fire Extinguisher Cabinet.....	1,840.65	46.85

10 44 13 00-0028 Acrylic Bubble Door And Steel Trim, Recessed Fire Extinguisher Cabinets (10 44 13 00-0002)

			Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0029	EA		10-1/2" x 24" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	457.61	46.85
10 44 13 00-0030	EA		14" x 30" x 4" Inside Dimensions, Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	506.49	46.85

10 44 13 00-0031 Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

10 44 13 00-0032 Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0001)

			Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0033	EA		9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	408.74	46.85
10 44 13 00-0034	EA		10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	421.60	46.85

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0035	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	422.88	46.85
10 44 13 00-0036	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	466.62	46.85
10 44 13 00-0037	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	554.09	46.85
10 44 13 00-0038	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet.....	568.23	46.85
10 44 13 00-0039		Aluminum Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0040	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	435.30	46.85
10 44 13 00-0041	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	451.27	46.85
10 44 13 00-0042	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	460.85	46.85
10 44 13 00-0043	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	478.94	46.85
10 44 13 00-0044	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	541.75	46.85
10 44 13 00-0045	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Aluminum Fire Extinguisher Cabinet.....	556.65	46.85
10 44 13 00-0046		Stainless Steel Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0047	EA	9" x 18" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	582.06	46.85
10 44 13 00-0048	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	597.40	46.85
10 44 13 00-0049	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	603.97	46.85
10 44 13 00-0050	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	637.93	46.85
10 44 13 00-0051	EA	16" x 32" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	722.28	46.85
10 44 13 00-0052	EA	20" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Stainless Steel Fire Extinguisher Cabinet.....	740.90	46.85
10 44 13 00-0053		Bronze Door And Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0054	EA	10-1/2" x 24" x 5-1/2" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	2,009.92	46.85
10 44 13 00-0055	EA	10-1/2" x 24" x 6" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	2,019.90	46.85
10 44 13 00-0056	EA	12" x 27" x 7-3/4" Inside Dimensions, Semi Recessed Bronze Fire Extinguisher Cabinet.....	2,321.31	46.85
10 44 13 00-0057		Acrylic Bubble Door And Steel Trim, Semi Recessed Fire Extinguisher Cabinets (10 44 13 00-0031)		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0058	EA	10-1/2" x 24" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	503.92	46.85
10 44 13 00-0059	EA	14" x 30" x 4" Inside Dimensions, Semi Recessed Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	550.23	46.85
10 44 13 00-0060		Surface Mounted Fire Extinguisher Cabinets (10 44 13 00-0001)		
10 44 13 00-0061		Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060)		
		Note: Includes powder-coat finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0062	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	398.45	46.85
10 44 13 00-0063	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	406.16	46.85
10 44 13 00-0064	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	467.90	46.85
10 44 13 00-0065	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	543.80	46.85
10 44 13 00-0066	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet.....	564.38	46.85
10 44 13 00-0067		Aluminum Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060)		
		Note: Includes clear anodized finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0068	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	536.43	46.85
10 44 13 00-0069	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	550.27	46.85
10 44 13 00-0070	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	581.14	46.85
10 44 13 00-0071	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	641.81	46.85
10 44 13 00-0072	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Aluminum Fire Extinguisher Cabinet.....	667.36	46.85
10 44 13 00-0073		Stainless Steel Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060)		
		Note: Includes stainless steel finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0074	EA	12-3/16" x 21-3/16" x 6" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	677.37	46.85
10 44 13 00-0075	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	698.18	46.85
10 44 13 00-0076	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	749.67	46.85
10 44 13 00-0077	EA	19-3/16" x 35-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	849.35	46.85
10 44 13 00-0078	EA	23-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Stainless Steel Fire Extinguisher Cabinet.....	880.03	46.85
10 44 13 00-0079		Bronze Door And Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060)		
		Note: Includes satin bronze finish, full view glass or solid metal door, zinc plated handle and steel tub.		
10 44 13 00-0080	EA	13-11/16" x 27-3/16" x 6-1/2" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	2,311.90	46.85
10 44 13 00-0081	EA	15-3/16" x 30-3/16" x 8-1/4" Inside Dimensions, Surface Mount Bronze Fire Extinguisher Cabinet.....	2,611.00	46.85
10 44 13 00-0082		Acrylic Bubble Door And Steel Trim, Surface Mount Fire Extinguisher Cabinets (10 44 13 00-0060)		
		Note: Includes 180 degree visibility acrylic bubble door, zinc plated handle and steel tub.		
10 44 13 00-0083	EA	13-11/16" x 27-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	475.62	46.85

10 Specialties**10 40 Safety Specialties****10 44 Fire Protection Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0084	EA		17-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	532.22	46.85
10 44 13 00-0085	EA		31-3/16" x 33-3/16" x 4-5/8" Inside Dimensions, Surface Mount Steel Fire Extinguisher Cabinet With Acrylic Bubble Door.....	730.31	46.85
10 44 13 00-0086			Fire Extinguisher Cabinet Accessories <small>(10 44 13 00-0001)</small>		
10 44 13 00-0087	EA		Standard Break Glass Cylinder Lock Mechanism.....	38.44	14.28
10 44 13 00-0088	EA		Breaker Bar And Chain For Break Glass Cabinets.....	34.98	14.28
10 44 13 00-0089	EA		Replacement Of Standard Pull Handle.....	32.88	
10 44 13 00-0090	EA		Fire Extinguisher Cabinet Battery Operated Alarm.....	101.57	28.56
10 44 13 00-0091	EA		Fire Rated Option For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	225.86	
10 44 13 00-0092	EA		Fire Rated Option For 12" x 27" x 7-3/4" Cabinets.....	248.45	
10 44 13 00-0093	EA		Fire Rated Option For 16" x 32" x 7-3/4" Cabinets.....	338.79	
10 44 13 00-0094	EA		Fire Rated Option For 20" x 27" x 7-3/4" Cabinets.....	463.01	
10 44 13 00-0095	EA		Fire Rated Option For 9" x 18" x 5-1/2" Cabinets.....	542.06	
10 44 13 00-0096	EA		Standard Glass With Wire Glass For 9" x 18" x 5-1/2" Cabinets.....	131.00	
10 44 13 00-0097	EA		Standard Glass With Wire Glass For 10-1/2" x 24" x 5-1/2" Or 6" Cabinets.....	135.52	
10 44 13 00-0098	EA		Standard Glass With Wire Glass For 12" x 27" x 7-3/4" Cabinets.....	180.69	
10 44 13 00-0099	EA		Standard Glass With Wire Glass For 16" x 32" x 7-3/4" Cabinets.....	327.50	
10 44 13 00-0100	EA		Standard Glass With Wire Glass For 20" x 27" x 7-3/4" Cabinets.....	332.01	
10 44 13 00-0101	EA		Standard Glass With Wire Glass For 12-3/16" x 21-3/16" x 6" Cabinets.....	107.94	
10 44 13 00-0102	EA		Standard Glass With Wire Glass For 13-11/16" x 27-3/16" x 6-1/2" Cabinets.....	113.34	
10 44 13 00-0103	EA		Standard Glass With Wire Glass For 15-3/16" x 30-3/16" x 8-1/4" Cabinets.....	152.92	
10 44 13 00-0104	EA		Standard Glass With Wire Glass For 19-3/16" x 35-3/16" x 8-1/4" Cabinets.....	269.85	
10 44 13 00-0105	EA		Standard Glass With Wire Glass For 23-3/16" x 30-3/16" x 8-1/4" Cabinets.....	273.45	
10 44 13 00-0106			Fire Hose Cabinets <small>(10 44 13)</small>		
			Note: Excludes hoses, hose rack units, fire extinguishers and valves. See CSI section 21 12 13 00-0001 for fire hoses and nozzles, 21 12 13 00-0015 for fire hose rack units, 21 12 23 00-0001 for fire department valves, 21 12 23 00-0014 for fire hose angle valves.		
10 44 13 00-0107			Recessed Fire Hose Cabinets <small>(10 44 13 00-0106)</small>		
10 44 13 00-0108			Steel Door And Trim, Recessed Fire Hose Cabinets <small>(10 44 13 00-0107)</small>		
			Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0109	EA		34" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	582.67	132.95
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0110	EA		34" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	593.35	132.95
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0111	EA		38" x 24" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	602.25	132.95
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0112	EA		38" x 26" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	611.16	132.95
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0113	EA		30" x 30" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	621.84	132.95
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0114	EA		38" x 32" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	650.30	132.95
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0115	EA		23" x 18" x 8" Inside Dimensions, Recessed Steel Fire Hose Cabinet.....	659.21	132.95
			<i>For Solid Steel Door, Deduct</i>	-8.60	
10 44 13 00-0116			Aluminum Door And Trim, Recessed Fire Hose Cabinets <small>(10 44 13 00-0107)</small>		
			Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0117	EA		34" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	687.07	132.95
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0118	EA		30" x 30" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	706.87	132.95
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0119	EA		34" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	709.44	132.95
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0120	EA		38" x 24" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	717.67	132.95
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0121	EA		38" x 26" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	728.47	132.95
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0122	EA		38" x 32" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	759.06	132.95
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0123	EA		23" x 18" x 8" Inside Dimensions, Recessed Aluminum Fire Hose Cabinet.....	789.66	132.95
			<i>For Solid Aluminum Door, Add</i>	6.50	
10 44 13 00-0124			Stainless Steel Door And Trim, Recessed Fire Hose Cabinets <small>(10 44 13 00-0107)</small>		
			Note: Includes #4 finish, stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0125	EA		23" x 18" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	921.97	132.95
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0126	EA		34" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,024.41	132.95
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0127	EA		34" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,034.27	132.95
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	
10 44 13 00-0128	EA		38" x 24" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet.....	1,065.79	132.95
			<i>For Solid Stainless Steel Door, Deduct</i>	-7.70	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 13 00-0129	EA		38" x 26" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,075.64 -7.70	132.95
10 44 13 00-0130	EA		30" x 30" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,126.86 -7.70	132.95
10 44 13 00-0131	EA		38" x 32" x 8" Inside Dimensions, Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,178.09 -7.70	132.95
10 44 13 00-0132			Semi Recessed Fire Hose Cabinets (10 44 13 00-0106)		
10 44 13 00-0133			Steel Door And Trim, Semi Recessed Fire Hose Cabinets (10 44 13 00-0132) Note: Includes baked enamel finish, steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0134	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	611.16 -8.60	132.95
10 44 13 00-0135	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	621.84 -8.60	132.95
10 44 13 00-0136	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	630.72 -8.60	132.95
10 44 13 00-0137	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	641.40 -8.60	132.95
10 44 13 00-0138	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	650.30 -8.60	132.95
10 44 13 00-0139	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	678.77 -8.60	132.95
10 44 13 00-0140	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	689.45 -8.60	132.95
10 44 13 00-0141			Aluminum Door And Trim, Semi Recessed Fire Hose Cabinets (10 44 13 00-0132) Note: Includes clear satin anodized finish, aluminum door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0142	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	706.87 6.50	132.95
10 44 13 00-0143	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	728.47 6.50	132.95
10 44 13 00-0144	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	731.55 6.50	132.95
10 44 13 00-0145	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	737.47 6.50	132.95
10 44 13 00-0146	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	748.26 6.50	132.95
10 44 13 00-0147	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	778.86 6.50	132.95
10 44 13 00-0148	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	809.46 6.50	132.95
10 44 13 00-0149			Stainless Steel Door And Trim, Semi Recessed Fire Hose Cabinets (10 44 13 00-0132) Note: Includes #4 finish, 304 stainless steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0150	EA		23" x 18" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	983.04 -7.70	132.95
10 44 13 00-0151	EA		34" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,095.34 -7.70	132.95
10 44 13 00-0152	EA		34" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,105.19 -7.70	132.95
10 44 13 00-0153	EA		38" x 24" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,136.71 -7.70	132.95
10 44 13 00-0154	EA		38" x 26" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,146.56 -7.70	132.95
10 44 13 00-0155	EA		30" x 30" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,197.79 -7.70	132.95
10 44 13 00-0156	EA		38" x 32" x 8" Inside Dimensions, Semi Recessed Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,249.01 -7.70	132.95
10 44 13 00-0157			Surface Mount Fire Hose Cabinets (10 44 13 00-0106)		
10 44 13 00-0158			Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157) Note: Includes baked enamel finish, steel door and trim, baked enamel steel box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44 13 00-0159	EA		37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	621.84 -8.60	132.95
10 44 13 00-0160	EA		37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	630.72 -8.60	132.95
10 44 13 00-0161	EA		41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	641.40 -8.60	132.95
10 44 13 00-0162	EA		41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	650.30 -8.60	132.95
10 44 13 00-0163	EA		33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	659.21 -8.60	132.95
10 44 13 00-0164	EA		41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	689.45 -8.60	132.95

10	10	Specialties
	10 40	Safety Specialties
	10 44	Fire Protection Specialties



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44	13 00-0165	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Steel Fire Hose Cabinet..... <i>For Solid Steel Door, Deduct</i>	698.35 -8.60	132.95
10 44	13 00-0166		Aluminum Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157) Note: Includes clear satin anodized finish, aluminum door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44	13 00-0167	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	759.06 6.50	132.95
10 44	13 00-0168	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	778.86 6.50	132.95
10 44	13 00-0169	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	784.00 6.50	132.95
10 44	13 00-0170	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	789.66 6.50	132.95
10 44	13 00-0171	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	798.66 6.50	132.95
10 44	13 00-0172	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	831.06 6.50	132.95
10 44	13 00-0173	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Aluminum Fire Hose Cabinet..... <i>For Solid Aluminum Door, Add</i>	850.86 6.50	132.95
10 44	13 00-0174		Stainless Steel Door And Trim, Surface Mount Fire Hose Cabinets (10 44 13 00-0157) Note: Includes #4 finish, 304 stainless steel door, trim and box, full view acrylic door lite, satin finish turn handle, continuous matching hinge and self-adjusting roller catch.		
10 44	13 00-0175	EA	26-1/2" x 21-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,065.79 -7.70	132.95
10 44	13 00-0176	EA	37-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,392.84 -7.70	132.95
10 44	13 00-0177	EA	41-1/2" x 27-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,475.58 -7.70	132.95
10 44	13 00-0178	EA	37-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,495.28 -7.70	132.95
10 44	13 00-0179	EA	41-1/2" x 29-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,514.99 -7.70	132.95
10 44	13 00-0180	EA	33-1/2" x 33-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,597.73 -7.70	132.95
10 44	13 00-0181	EA	41-1/2" x 35-1/2" x 8-1/2" Inside Dimensions, Surface Mount Stainless Steel Fire Hose Cabinet..... <i>For Solid Stainless Steel Door, Deduct</i>	1,700.18 -7.70	132.95
10 44 16	Fire Extinguishers (10 44)				
10 44 16 13	Portable Fire Extinguishers (10 44 16)		Note: Includes filling, certification, bracket, hardware and mounting on wall.		
10 44 16 13-0001	Carbon Dioxide Type, Class BC Portable Fire Extinguisher (10 44 16 13)				
10 44	16 13-0002	EA	2.5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	217.30 -7.06 -14.11 -38.09	14.85
10 44	16 13-0003	EA	5 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	321.14 -11.66 -23.32 -43.95	17.14
10 44	16 13-0004	EA	10 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	417.72 -15.17 -30.35 -57.13	21.71
10 44	16 13-0005	EA	15 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	513.97 -18.56 -37.12 -71.41	27.42
10 44	16 13-0006	EA	20 LB Carbon Dioxide, Type BC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	574.61 -21.59 -43.18 -71.41	27.42
10 44	16 13-0007	EA	50 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	1,882.33 -82.69 -165.38	43.41
10 44	16 13-0008	EA	100 LB Carbon Dioxide, Type BC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	3,725.68 -174.86 -349.72	43.41
10 44 16 13-0009	Dry Chemical Type, Class ABC Portable Fire Extinguisher (10 44 16 13)				
10 44	16 13-0010	EA	2.6 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	129.98 -2.69 -5.38 -38.09	14.85
10 44	16 13-0011	EA	5 LB Dry Chemical, Type ABC Portable Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	164.22 -3.82 -7.63 -43.95	17.14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 44 16 13-0012 EA 10 LB Dry Chemical, Type ABC Portable Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	235.76 -6.08 -12.15 -57.13	21.71
10 44 16 13-0013 EA 20 LB Dry Chemical, Type ABC Portable Fire Extinguisher <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	334.04 -9.56 -19.12 -71.41	27.42
10 44 16 13-0014 EA 50 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	2,263.64 -101.76 -203.51	43.41
10 44 16 13-0015 EA 125 LB Dry Chemical, Type ABC Wheeled Fire Extinguisher..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	3,378.22 -157.49 -314.97	43.41
10 44 16 13-0016 EA 5 LB Dry Chemical Extinguisher, Red Steel, 2A:10B:C <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	158.25 -3.52 -7.04	17.14
10 44 16 13-0017 EA 10 LB Dry Chemical Extinguisher, Red Steel, 2A:20B:C <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	224.48 -5.51 -11.02	21.71
10 44 16 13-0018 Dry Chemical Type, Class BC Portable Fire Extinguisher (10 44 16 13)		
10 44 16 13-0019 EA 5 LB Dry Chemical Extinguisher, Red Steel, 40B:C.....	164.50	38.09
10 44 16 13-0020 Other Portable Fire Extinguishers (10 44 16 13)		
10 44 16 13-0021 EA 2.5 Gallon Water, Stored Pressure Portable Fire Extinguisher..... Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	244.43 -7.83 -15.65 -43.95	17.14
10 44 16 13-0022 EA 1.6 Gallon Wet Chemical, Class K Portable Fire Extinguisher..... Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	368.73 -11.30 -22.59 -71.41	27.42
10 44 16 13-0023 EA 2.5 Gallon Wet Chemical, Class K Portable Fire Extinguisher..... Note: Stainless steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i> <i>For Placement In Cabinet, Deduct</i>	393.33 -12.53 -25.05 -71.41	27.42
10 44 16 13-0024 EA 30 LB Dry Powder, Class D Portable Fire Extinguisher..... Note: Yellow steel. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	563.34 -21.03 -42.05	27.42
10 44 16 13-0025 EA 5 LB Halotron 1 Fire Extinguisher, 5B:C..... <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	394.31 -15.91 -31.81	38.09
10 44 16 13-0026 Fire Extinguisher Backboards (10 44 16 13)		
10 44 16 13-0027 Fire Extinguisher Backboards (10 44 16 13-0026) Note: Mounted to any wall. Includes anchors.		
10 44 16 13-0028 EA Red Painted 1/2" x 12" x 40" Beveled Edge Plywood Fire Extinguisher Backboard.....	120.02	19.56
10 44 16 13-0029 EA Relocate Fire Extinguisher Wood Backboard, Any Size Note: Includes storage and cleaning.	172.66	
10 44 16 13-0030 Inspections And Testing (10 44 16 13)		
10 44 16 13-0031 EA On Site Fire Extinguisher Annual Inspection (Tag).....	11.28	
10 44 16 13-0032 EA On Site Fire Extinguisher Hydrotest.....	16.59	
10 44 19 Fire Blankets (10 44)		
10 44 19 00-0001 EA Vertical Roller Type Fire Blanket Cabinet (JL Industries 1FB)..... Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	467.24	46.85
10 44 19 00-0002 EA Drop Type Fire Blanket Cabinet (JL Industries 2FB) Note: Includes a 62" x 84", 3-1/2 pound, processed wool fire blanket.	345.04	46.85
10 45 Photoluminescent Exit Specialties (10 40)		
10 45 00 00-0001 Photoluminescent Illuminated Egress Markings (10 45)		
10 45 00 00-0002 LF 1" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors..... Note: Peel and stick. <i>For Wall Applied, Add</i>	8.52 0.82	
10 45 00 00-0003 LF 1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors Note: Peel and stick. <i>For Wall Applied, Add</i>	9.05 0.82	
10 45 00 00-0004 LF 2" Wide Egress / Exit Photoluminescent Path Marking Tape Applied To Floors..... Note: Peel and stick. <i>For Wall Applied, Add</i>	9.59 0.82	

10 Specialties**10 40 Safety Specialties****10 45 Photoluminescent Exit Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 45 00 00-0005	LF		1-1/2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick. <i>For Wall Applied, Add</i>	9.06 0.82	
10 45 00 00-0006	LF		2" Wide Egress / Exit Photoluminescent Path Marking Tape With Arrows Applied To Floors Note: Peel and stick. <i>For Wall Applied, Add</i>	10.13 0.82	
10 45 00 00-0007	LF		1-1/2" Wide Egress Photoluminescent Danger Warning Marking Tape With Stripes Applied To Floors..... Note: Peel and stick. <i>For Wall Applied, Add</i>	10.80 0.82	
10 45 00 00-0008	EA		1" Wide x 48" Long Photoluminescent Strip Exit Path Marking Applied To Floors..... Note: Self adhesive, high bond foam backing.	47.39	
10 45 00 00-0009	EA		1" Wide x 30" Long Aluminum Stair Nosing With Photoluminescent Strip Note: Self adhesive, high bond foam backing.	46.85	

10 50 Storage Specialties ⁽¹⁰⁾**10 51 Lockers** ^(10 50)**10 51 13 Metal Lockers** ^(10 51)**10 51 13 00-0001 Institutional And Corridor Lockers** ^(10 51 13)

Note: Price per frame. Includes baked enamel 24 gauge solid body components and 6" legs. Excludes slope top, base fillers, and locks.

10 51 13 00-0002 Single Tier Institutional Or Corridor Locker ^(10 51 13 00-0001)

Note: Includes one hat shelf, three single hooks and one double hook.

10 51 13 00-0003	EA		12" x 12" x 48" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	281.42 -10.53 -22.12 -33.71 16.85	35.42
10 51 13 00-0004	EA		12" x 15" x 48" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	289.76 -10.95 -22.95 -34.96 17.51	35.42
10 51 13 00-0005	EA		12" x 18" x 48" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	298.08 -11.36 -23.79 -36.21 18.18	35.42
10 51 13 00-0006	EA		12" x 12" x 60" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	266.17 -9.77 -20.60 -31.42 15.63	35.42
10 51 13 00-0007	EA		12" x 15" x 60" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	276.52 -10.28 -21.63 -32.98 16.45	35.42
10 51 13 00-0008	EA		12" x 18" x 60" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	290.67 -10.99 -23.05 -35.10 17.59	35.42
10 51 13 00-0009	EA		12" x 12" x 72" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	289.93 -10.84 -22.78 -34.72 17.34	36.56
10 51 13 00-0010	EA		12" x 15" x 72" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	298.51 -11.27 -23.64 -36.00 18.03	36.56
10 51 13 00-0011	EA		12" x 18" x 72" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	306.88 -11.69 -24.47 -37.26 18.70	36.56
10 51 13 00-0012	EA		15" x 15" x 72" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	321.32 -12.41 -25.92 -39.42 19.86	36.56
10 51 13 00-0013	EA		15" x 18" x 72" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	335.61 -13.12 -27.35 -41.57 21.00	36.56
10 51 13 00-0014	EA		18" x 18" x 72" Single Tier Institutional Or Corridor Locker..... <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i> <i>For 14 Gauge Doors, Add</i>	350.75 -13.88 -28.86 -43.84 22.21	36.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0015 EA 18" x 21" x 72" Single Tier Institutional Or Corridor Locker.....	364.72	36.56
For >25 To 50, Deduct	-14.58	
For >50 To 100, Deduct	-30.26	
For >100, Deduct	-45.93	
For 14 Gauge Doors, Add	23.33	
10 51 13 00-0016 EA 24" x 24" x 72" Single Tier Institutional Or Corridor Locker.....	492.42	36.56
For >25 To 50, Deduct	-20.97	
For >50 To 100, Deduct	-43.03	
For >100, Deduct	-65.09	
For 14 Gauge Doors, Add	33.54	
10 51 13 00-0017 Two Tier Institutional Or Corridor Locker (10 51 13 00-0001)		
Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0018 EA 12" x 12" x 60" Two Tier Institutional Or Corridor Locker.....	314.09	36.56
For >25 To 50, Deduct	-12.05	
For >50 To 100, Deduct	-25.19	
For >100, Deduct	-38.34	
For 14 Gauge Doors, Add	26.51	
10 51 13 00-0019 EA 12" x 15" x 60" Two Tier Institutional Or Corridor Locker.....	320.61	36.56
For >25 To 50, Deduct	-12.37	
For >50 To 100, Deduct	-25.85	
For >100, Deduct	-39.32	
For 14 Gauge Doors, Add	27.22	
10 51 13 00-0020 EA 12" x 18" x 60" Two Tier Institutional Or Corridor Locker.....	327.18	36.56
For >25 To 50, Deduct	-12.70	
For >50 To 100, Deduct	-26.50	
For >100, Deduct	-40.30	
For 14 Gauge Doors, Add	27.95	
10 51 13 00-0021 EA 12" x 12" x 72" Two Tier Institutional Or Corridor Locker.....	328.36	37.71
For >25 To 50, Deduct	-12.65	
For >50 To 100, Deduct	-26.43	
For >100, Deduct	-40.20	
For 14 Gauge Doors, Add	27.82	
10 51 13 00-0022 EA 12" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	342.61	37.71
For >25 To 50, Deduct	-13.36	
For >50 To 100, Deduct	-27.85	
For >100, Deduct	-42.34	
For 14 Gauge Doors, Add	29.39	
10 51 13 00-0023 EA 12" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	351.22	37.71
For >25 To 50, Deduct	-13.79	
For >50 To 100, Deduct	-28.71	
For >100, Deduct	-43.63	
For 14 Gauge Doors, Add	30.34	
10 51 13 00-0024 EA 15" x 15" x 72" Two Tier Institutional Or Corridor Locker.....	363.55	37.71
For >25 To 50, Deduct	-14.41	
For >50 To 100, Deduct	-29.94	
For >100, Deduct	-45.48	
For 14 Gauge Doors, Add	31.69	
10 51 13 00-0025 EA 15" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	375.94	37.71
For >25 To 50, Deduct	-15.03	
For >50 To 100, Deduct	-31.18	
For >100, Deduct	-47.34	
For 14 Gauge Doors, Add	33.06	
10 51 13 00-0026 EA 18" x 18" x 72" Two Tier Institutional Or Corridor Locker.....	431.99	37.71
For >25 To 50, Deduct	-17.83	
For >50 To 100, Deduct	-36.79	
For >100, Deduct	-55.75	
For 14 Gauge Doors, Add	39.22	
10 51 13 00-0027 EA 18" x 21" x 72" Two Tier Institutional Or Corridor Locker.....	442.17	37.71
For >25 To 50, Deduct	-18.34	
For >50 To 100, Deduct	-37.81	
For >100, Deduct	-57.28	
For 14 Gauge Doors, Add	40.34	
10 51 13 00-0028 Three Tier Institutional Or Corridor Locker (10 51 13 00-0001)		
Note: Includes one double hook per tier.		
10 51 13 00-0029 EA 12" x 12" x 72" Three Tier Institutional Or Corridor Locker.....	368.48	38.85
For >25 To 50, Deduct	-14.54	
For >50 To 100, Deduct	-30.24	
For >100, Deduct	-45.95	
For 14 Gauge Doors, Add	43.62	
10 51 13 00-0030 EA 12" x 15" x 72" Three Tier Institutional Or Corridor Locker.....	375.18	38.85
For >25 To 50, Deduct	-14.87	
For >50 To 100, Deduct	-30.91	
For >100, Deduct	-46.95	
For 14 Gauge Doors, Add	44.62	
10 51 13 00-0031 EA 12" x 18" x 72" Three Tier Institutional Or Corridor Locker.....	398.97	38.85
For >25 To 50, Deduct	-16.06	
For >50 To 100, Deduct	-33.29	
For >100, Deduct	-50.52	
For 14 Gauge Doors, Add	48.19	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0032	EA		15" x 15" x 72" Three Tier Institutional Or Corridor Locker	421.76	38.85
			<i>For >25 To 50, Deduct</i>	-17.20	
			<i>For >50 To 100, Deduct</i>	-35.57	
			<i>For >100, Deduct</i>	-53.94	
			<i>For 14 Gauge Doors, Add</i>	51.61	
10 51 13 00-0033	EA		15" x 18" x 72" Three Tier Institutional Or Corridor Locker	439.90	38.85
			<i>For >25 To 50, Deduct</i>	-18.11	
			<i>For >50 To 100, Deduct</i>	-37.39	
			<i>For >100, Deduct</i>	-56.66	
			<i>For 14 Gauge Doors, Add</i>	54.33	
10 51 13 00-0034			Four Tier Institutional Or Corridor Locker <small>(10 51 13 00-0001)</small>		
10 51 13 00-0035	EA		12" x 12" x 72" Four Tier Institutional Or Corridor Locker	361.82	39.99
			<i>For >25 To 50, Deduct</i>	-14.09	
			<i>For >50 To 100, Deduct</i>	-29.38	
			<i>For >100, Deduct</i>	-44.67	
10 51 13 00-0036	EA		12" x 15" x 72" Four Tier Institutional Or Corridor Locker	373.50	39.99
			<i>For >25 To 50, Deduct</i>	-14.68	
			<i>For >50 To 100, Deduct</i>	-30.55	
			<i>For >100, Deduct</i>	-46.43	
10 51 13 00-0037	EA		12" x 18" x 72" Four Tier Institutional Or Corridor Locker	392.30	39.99
			<i>For >25 To 50, Deduct</i>	-15.62	
			<i>For >50 To 100, Deduct</i>	-32.43	
			<i>For >100, Deduct</i>	-49.25	
10 51 13 00-0038	EA		15" x 15" x 72" Four Tier Institutional Or Corridor Locker	407.34	39.99
			<i>For >25 To 50, Deduct</i>	-16.37	
			<i>For >50 To 100, Deduct</i>	-33.93	
			<i>For >100, Deduct</i>	-51.50	
10 51 13 00-0039	EA		15" x 18" x 72" Four Tier Institutional Or Corridor Locker	429.00	39.99
			<i>For >25 To 50, Deduct</i>	-17.45	
			<i>For >50 To 100, Deduct</i>	-36.10	
			<i>For >100, Deduct</i>	-54.75	
10 51 13 00-0040			Six Tier Institutional Or Corridor Locker <small>(10 51 13 00-0001)</small>		
10 51 13 00-0041	EA		12" x 12" x 72" Six Tier Institutional Or Corridor Locker.....	393.49	41.13
			<i>For >25 To 50, Deduct</i>	-15.56	
			<i>For >50 To 100, Deduct</i>	-32.36	
			<i>For >100, Deduct</i>	-49.15	
10 51 13 00-0042	EA		12" x 15" x 72" Six Tier Institutional Or Corridor Locker.....	402.50	41.13
			<i>For >25 To 50, Deduct</i>	-16.01	
			<i>For >50 To 100, Deduct</i>	-33.26	
			<i>For >100, Deduct</i>	-50.50	
10 51 13 00-0043	EA		12" x 18" x 72" Six Tier Institutional Or Corridor Locker.....	419.51	41.13
			<i>For >25 To 50, Deduct</i>	-16.86	
			<i>For >50 To 100, Deduct</i>	-34.96	
			<i>For >100, Deduct</i>	-53.05	
10 51 13 00-0044			Locker And Coat Rack Combination <small>(10 51 13 00-0001)</small>		
10 51 13 00-0045	EA		45" x 18" x 12", 4 Person Wall Mount Locker And Coat Rack Combination.....	724.64	27.42
10 51 13 00-0046	EA		72" x 18" x 78", 16 Person Locker And Coat Rack Combination	1,159.57	57.13
10 51 13 00-0047			Athletic Lockers <small>(10 51 13)</small>		
			Note: Price per frame. Includes baked enamel paint, diamond perforated doors and sides, 16 gauge solid top, bottom, and shelves and 6" legs. Excludes slope top, base fillers, and locks.		
10 51 13 00-0048			Single Tier Athletic Locker <small>(10 51 13 00-0047)</small>		
			Note: Includes one hat shelf, three single hooks and one double hook.		
10 51 13 00-0049	EA		12" x 15" x 60" Single Tier Athletic Locker	398.20	36.56
			<i>For >25 To 50, Deduct</i>	-16.25	
			<i>For >50 To 100, Deduct</i>	-33.60	
			<i>For >100, Deduct</i>	-50.96	
10 51 13 00-0050	EA		12" x 18" x 60" Single Tier Athletic Locker	411.92	36.56
			<i>For >25 To 50, Deduct</i>	-16.94	
			<i>For >50 To 100, Deduct</i>	-34.98	
			<i>For >100, Deduct</i>	-53.01	
10 51 13 00-0051	EA		15" x 15" x 60" Single Tier Athletic Locker	420.75	36.56
			<i>For >25 To 50, Deduct</i>	-17.38	
			<i>For >50 To 100, Deduct</i>	-35.86	
			<i>For >100, Deduct</i>	-54.34	
10 51 13 00-0052	EA		15" x 18" x 60" Single Tier Athletic Locker	435.40	36.56
			<i>For >25 To 50, Deduct</i>	-18.11	
			<i>For >50 To 100, Deduct</i>	-37.32	
			<i>For >100, Deduct</i>	-56.54	
10 51 13 00-0053	EA		18" x 18" x 60" Single Tier Athletic Locker	498.63	36.56
			<i>For >25 To 50, Deduct</i>	-21.28	
			<i>For >50 To 100, Deduct</i>	-43.65	
			<i>For >100, Deduct</i>	-66.02	
10 51 13 00-0054	EA		18" x 21" x 60" Single Tier Athletic Locker	548.89	36.56
			<i>For >25 To 50, Deduct</i>	-23.79	
			<i>For >50 To 100, Deduct</i>	-48.67	
			<i>For >100, Deduct</i>	-73.56	

Specialties	10	10
Storage Specialties	10 50	
Lockers	10 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0055	EA		18" x 24" x 60" Single Tier Athletic Locker.....	583.27	36.56
			<i>For >25 To 50, Deduct</i>	-25.51	
			<i>For >50 To 100, Deduct</i>	-52.11	
			<i>For >100, Deduct</i>	-78.72	
10 51 13 00-0056	EA		12" x 15" x 72" Single Tier Athletic Locker.....	413.43	36.56
			<i>For >25 To 50, Deduct</i>	-17.02	
			<i>For >50 To 100, Deduct</i>	-35.13	
			<i>For >100, Deduct</i>	-53.24	
10 51 13 00-0057	EA		12" x 18" x 72" Single Tier Athletic Locker.....	438.16	36.56
			<i>For >25 To 50, Deduct</i>	-18.25	
			<i>For >50 To 100, Deduct</i>	-37.60	
			<i>For >100, Deduct</i>	-56.95	
10 51 13 00-0058	EA		15" x 15" x 72" Single Tier Athletic Locker.....	446.85	36.56
			<i>For >25 To 50, Deduct</i>	-18.69	
			<i>For >50 To 100, Deduct</i>	-38.47	
			<i>For >100, Deduct</i>	-58.25	
10 51 13 00-0059	EA		15" x 18" x 72" Single Tier Athletic Locker.....	462.72	36.56
			<i>For >25 To 50, Deduct</i>	-19.48	
			<i>For >50 To 100, Deduct</i>	-40.06	
			<i>For >100, Deduct</i>	-60.63	
10 51 13 00-0060	EA		18" x 18" x 72" Single Tier Athletic Locker.....	501.87	36.56
			<i>For >25 To 50, Deduct</i>	-21.44	
			<i>For >50 To 100, Deduct</i>	-43.97	
			<i>For >100, Deduct</i>	-66.51	
10 51 13 00-0061	EA		18" x 21" x 72" Single Tier Athletic Locker.....	542.89	36.56
			<i>For >25 To 50, Deduct</i>	-23.49	
			<i>For >50 To 100, Deduct</i>	-48.07	
			<i>For >100, Deduct</i>	-72.66	
10 51 13 00-0062			Two Tier Athletic Locker (10 51 13 00-0047)		
			Note: Includes three single hooks and one double hook per tier.		
10 51 13 00-0063	EA		12" x 12" x 60" Two Tier Athletic Locker.....	446.34	37.71
			<i>For >25 To 50, Deduct</i>	-18.55	
			<i>For >50 To 100, Deduct</i>	-38.22	
			<i>For >100, Deduct</i>	-57.90	
10 51 13 00-0064	EA		12" x 15" x 60" Two Tier Athletic Locker.....	460.95	37.71
			<i>For >25 To 50, Deduct</i>	-19.28	
			<i>For >50 To 100, Deduct</i>	-39.68	
			<i>For >100, Deduct</i>	-60.09	
10 51 13 00-0065	EA		12" x 18" x 60" Two Tier Athletic Locker.....	477.40	37.71
			<i>For >25 To 50, Deduct</i>	-20.10	
			<i>For >50 To 100, Deduct</i>	-41.33	
			<i>For >100, Deduct</i>	-62.56	
10 51 13 00-0066	EA		15" x 15" x 60" Two Tier Athletic Locker.....	479.00	37.71
			<i>For >25 To 50, Deduct</i>	-20.18	
			<i>For >50 To 100, Deduct</i>	-41.49	
			<i>For >100, Deduct</i>	-62.80	
10 51 13 00-0067	EA		15" x 18" x 60" Two Tier Athletic Locker.....	482.43	37.71
			<i>For >25 To 50, Deduct</i>	-20.35	
			<i>For >50 To 100, Deduct</i>	-41.83	
			<i>For >100, Deduct</i>	-63.31	
10 51 13 00-0068	EA		18" x 18" x 60" Two Tier Athletic Locker.....	511.33	37.71
			<i>For >25 To 50, Deduct</i>	-21.80	
			<i>For >50 To 100, Deduct</i>	-44.72	
			<i>For >100, Deduct</i>	-67.65	
10 51 13 00-0069	EA		18" x 21" x 60" Two Tier Athletic Locker.....	532.50	37.71
			<i>For >25 To 50, Deduct</i>	-22.85	
			<i>For >50 To 100, Deduct</i>	-46.84	
			<i>For >100, Deduct</i>	-70.82	
10 51 13 00-0070	EA		18" x 24" x 60" Two Tier Athletic Locker.....	627.04	37.71
			<i>For >25 To 50, Deduct</i>	-27.58	
			<i>For >50 To 100, Deduct</i>	-56.29	
			<i>For >100, Deduct</i>	-85.01	
10 51 13 00-0071	EA		12" x 12" x 72" Two Tier Athletic Locker.....	462.16	37.71
			<i>For >25 To 50, Deduct</i>	-19.34	
			<i>For >50 To 100, Deduct</i>	-39.81	
			<i>For >100, Deduct</i>	-60.27	
10 51 13 00-0072	EA		12" x 15" x 72" Two Tier Athletic Locker.....	477.12	37.71
			<i>For >25 To 50, Deduct</i>	-20.09	
			<i>For >50 To 100, Deduct</i>	-41.30	
			<i>For >100, Deduct</i>	-62.52	
10 51 13 00-0073	EA		12" x 18" x 72" Two Tier Athletic Locker.....	497.53	37.71
			<i>For >25 To 50, Deduct</i>	-21.11	
			<i>For >50 To 100, Deduct</i>	-43.34	
			<i>For >100, Deduct</i>	-65.58	
10 51 13 00-0074	EA		15" x 15" x 72" Two Tier Athletic Locker.....	500.62	37.71
			<i>For >25 To 50, Deduct</i>	-21.26	
			<i>For >50 To 100, Deduct</i>	-43.65	
			<i>For >100, Deduct</i>	-66.04	
10 51 13 00-0075	EA		15" x 18" x 72" Two Tier Athletic Locker.....	517.39	37.71
			<i>For >25 To 50, Deduct</i>	-22.10	
			<i>For >50 To 100, Deduct</i>	-45.33	
			<i>For >100, Deduct</i>	-68.56	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0076	EA	18" x 18" x 72" Two Tier Athletic Locker.....	537.99	37.71
			<i>For >25 To 50, Deduct</i>	-23.13	
			<i>For >50 To 100, Deduct</i>	-47.39	
			<i>For >100, Deduct</i>	-71.65	
10 51	13 00-0077	EA	18" x 21" x 72" Two Tier Athletic Locker.....	584.22	37.71
			<i>For >25 To 50, Deduct</i>	-25.44	
			<i>For >50 To 100, Deduct</i>	-52.01	
			<i>For >100, Deduct</i>	-78.58	
10 51	13 00-0078		Three Tier Athletic Locker <small>(10 51 13 00-0047)</small>		
			Note: Includes one double hook per tier.		
10 51	13 00-0079	EA	12" x 12" x 60" Three Tier Athletic Locker.....	483.81	38.85
			<i>For >25 To 50, Deduct</i>	-20.31	
			<i>For >50 To 100, Deduct</i>	-41.78	
			<i>For >100, Deduct</i>	-63.25	
10 51	13 00-0080	EA	12" x 15" x 60" Three Tier Athletic Locker.....	507.50	38.85
			<i>For >25 To 50, Deduct</i>	-21.49	
			<i>For >50 To 100, Deduct</i>	-44.15	
			<i>For >100, Deduct</i>	-66.80	
10 51	13 00-0081	EA	12" x 18" x 60" Three Tier Athletic Locker.....	528.43	38.85
			<i>For >25 To 50, Deduct</i>	-22.54	
			<i>For >50 To 100, Deduct</i>	-46.24	
			<i>For >100, Deduct</i>	-69.94	
10 51	13 00-0082	EA	15" x 15" x 60" Three Tier Athletic Locker.....	542.66	38.85
			<i>For >25 To 50, Deduct</i>	-23.25	
			<i>For >50 To 100, Deduct</i>	-47.66	
			<i>For >100, Deduct</i>	-72.08	
10 51	13 00-0083	EA	15" x 18" x 60" Three Tier Athletic Locker.....	566.34	38.85
			<i>For >25 To 50, Deduct</i>	-24.43	
			<i>For >50 To 100, Deduct</i>	-50.03	
			<i>For >100, Deduct</i>	-75.63	
10 51	13 00-0084	EA	12" x 12" x 72" Three Tier Athletic Locker.....	510.79	38.85
			<i>For >25 To 50, Deduct</i>	-21.65	
			<i>For >50 To 100, Deduct</i>	-44.47	
			<i>For >100, Deduct</i>	-67.29	
10 51	13 00-0085	EA	12" x 15" x 72" Three Tier Athletic Locker.....	532.18	38.85
			<i>For >25 To 50, Deduct</i>	-22.72	
			<i>For >50 To 100, Deduct</i>	-46.61	
			<i>For >100, Deduct</i>	-70.50	
10 51	13 00-0086	EA	12" x 18" x 72" Three Tier Athletic Locker.....	561.69	38.85
			<i>For >25 To 50, Deduct</i>	-24.20	
			<i>For >50 To 100, Deduct</i>	-49.56	
			<i>For >100, Deduct</i>	-74.93	
10 51	13 00-0087	EA	15" x 15" x 72" Three Tier Athletic Locker.....	576.80	38.85
			<i>For >25 To 50, Deduct</i>	-24.96	
			<i>For >50 To 100, Deduct</i>	-51.08	
			<i>For >100, Deduct</i>	-77.20	
10 51	13 00-0088	EA	15" x 18" x 72" Three Tier Athletic Locker.....	599.46	38.85
			<i>For >25 To 50, Deduct</i>	-26.09	
			<i>For >50 To 100, Deduct</i>	-53.34	
			<i>For >100, Deduct</i>	-80.60	
10 51	13 00-0089		Four Tier Athletic Locker <small>(10 51 13 00-0047)</small>		
10 51	13 00-0090	EA	12" x 12" x 60" Four Tier Athletic Locker.....	445.70	39.99
			<i>For >25 To 50, Deduct</i>	-18.29	
			<i>For >50 To 100, Deduct</i>	-37.77	
			<i>For >100, Deduct</i>	-57.26	
10 51	13 00-0091	EA	12" x 15" x 60" Four Tier Athletic Locker.....	474.71	39.99
			<i>For >25 To 50, Deduct</i>	-19.74	
			<i>For >50 To 100, Deduct</i>	-40.67	
			<i>For >100, Deduct</i>	-61.61	
10 51	13 00-0092	EA	12" x 18" x 60" Four Tier Athletic Locker.....	503.72	39.99
			<i>For >25 To 50, Deduct</i>	-21.19	
			<i>For >50 To 100, Deduct</i>	-43.57	
			<i>For >100, Deduct</i>	-65.96	
10 51	13 00-0093	EA	15" x 15" x 60" Four Tier Athletic Locker.....	515.57	39.99
			<i>For >25 To 50, Deduct</i>	-21.78	
			<i>For >50 To 100, Deduct</i>	-44.76	
			<i>For >100, Deduct</i>	-67.74	
10 51	13 00-0094	EA	15" x 18" x 60" Four Tier Athletic Locker.....	563.22	39.99
			<i>For >25 To 50, Deduct</i>	-24.16	
			<i>For >50 To 100, Deduct</i>	-49.52	
			<i>For >100, Deduct</i>	-74.88	
10 51	13 00-0095	EA	12" x 12" x 72" Four Tier Athletic Locker.....	475.22	39.99
			<i>For >25 To 50, Deduct</i>	-19.76	
			<i>For >50 To 100, Deduct</i>	-40.72	
			<i>For >100, Deduct</i>	-61.68	
10 51	13 00-0096	EA	12" x 15" x 72" Four Tier Athletic Locker.....	504.64	39.99
			<i>For >25 To 50, Deduct</i>	-21.23	
			<i>For >50 To 100, Deduct</i>	-43.66	
			<i>For >100, Deduct</i>	-66.10	
10 51	13 00-0097	EA	12" x 18" x 72" Four Tier Athletic Locker.....	534.06	39.99
			<i>For >25 To 50, Deduct</i>	-22.70	
			<i>For >50 To 100, Deduct</i>	-46.61	
			<i>For >100, Deduct</i>	-70.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0098	EA		15" x 15" x 72" Four Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	549.13 -23.46 -48.11 -72.77	39.99
10 51 13 00-0099	EA		15" x 18" x 72" Four Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	560.43 -24.02 -49.24 -74.47	39.99
10 51 13 00-0100			Six Tier Athletic Locker (10 51 13 00-0047)		
10 51 13 00-0101	EA		12" x 12" x 72" Six Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	526.98 -22.24 -45.71 -69.17	41.13
10 51 13 00-0102	EA		12" x 15" x 72" Six Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	549.58 -23.37 -47.97 -72.56	41.13
10 51 13 00-0103	EA		12" x 18" x 72" Six Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	572.14 -24.49 -50.22 -75.95	41.13
10 51 13 00-0104	EA		12" x 21" x 72" Six Tier Athletic Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	654.49 -28.61 -58.46 -88.30	41.13
10 51 13 00-0105			Open Front, All-Welded Steel Stadium Lockers (10 51 13) Note: 16 gauge perforated with diamond-shaped holes sides, 18 gauge solid back, 16 gauge top, bottom, front frame and shelf. The gauge of the optional foot locker seat and security box door is 14 GA.		
10 51 13 00-0106	EA		18" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD01) Note: Includes shelf and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	287.18 -12.79 -26.05 -39.31	22.00
10 51 13 00-0107	EA		24" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD10) Note: Includes shelf and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	308.42 -13.71 -27.93 -42.15	23.99
10 51 13 00-0108	EA		24" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD20) Note: Includes shelf and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	322.07 -14.39 -29.29 -44.20	23.99
10 51 13 00-0109	EA		24" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD30) Note: Includes shelf and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	334.60 -15.02 -30.55 -46.08	23.99
10 51 13 00-0110	EA		33" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD40) Note: Includes shelf and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	316.40 -13.85 -28.29 -42.73	27.65
10 51 13 00-0111	EA		33" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD50) Note: Includes shelf and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	340.62 -15.06 -30.71 -46.36	27.65
10 51 13 00-0112	EA		33" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD60) Note: Includes shelf and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	351.35 -15.60 -31.78 -47.97	27.65
10 51 13 00-0113	EA		18" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD09) Note: Includes shelf, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	296.24 -13.24 -26.95 -40.67	22.00
10 51 13 00-0114	EA		24" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD11) Note: Includes shelf, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	336.98 -15.14 -30.78 -46.43	23.99
10 51 13 00-0115	EA		24" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD21) Note: Includes shelf, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	352.68 -15.92 -32.35 -48.79	23.99
10 51 13 00-0116	EA		24" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD31) Note: Includes shelf, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	359.68 -16.27 -33.05 -49.84	23.99

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0117	EA	33" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD41)..... Note: Includes shelf, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	347.03 -15.38 -31.35 -47.32	27.65
10 51	13 00-0118	EA	33" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD51)..... Note: Includes shelf, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	371.26 -16.59 -33.78 -50.96	27.65
10 51	13 00-0119	EA	33" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD61)..... Note: Includes shelf, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	378.41 -16.95 -34.49 -52.03	27.65
10 51	13 00-0120	EA	18" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD02)..... Note: Includes shelf, foot locker and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	352.80 -16.07 -32.61 -49.15	22.00
10 51	13 00-0121	EA	24" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD12)..... Note: Includes shelf, foot locker and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	375.28 -17.05 -34.61 -52.18	23.99
10 51	13 00-0122	EA	24" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD22)..... Note: Includes shelf, foot locker and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	394.42 -18.01 -36.53 -55.05	23.99
10 51	13 00-0123	EA	24" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD32)..... Note: Includes shelf, foot locker and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	398.05 -18.19 -36.89 -55.59	23.99
10 51	13 00-0124	EA	33" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD42)..... Note: Includes shelf, foot locker and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	441.14 -20.09 -40.76 -61.44	27.65
10 51	13 00-0125	EA	33" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD52)..... Note: Includes shelf, foot locker and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	453.20 -20.69 -41.97 -63.25	27.65
10 51	13 00-0126	EA	33" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD62)..... Note: Includes shelf, foot locker and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	466.41 -21.35 -43.29 -65.23	27.65
10 51	13 00-0127	EA	18" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD03)..... Note: Includes shelf, foot locker, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	382.13 -17.54 -35.54 -53.55	22.00
10 51	13 00-0128	EA	24" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD13)..... Note: Includes shelf, foot locker, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	413.07 -18.94 -38.39 -57.85	23.99
10 51	13 00-0129	EA	24" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD23)..... Note: Includes shelf, foot locker, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	420.52 -19.31 -39.14 -58.96	23.99
10 51	13 00-0130	EA	24" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD33)..... Note: Includes shelf, foot locker, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	438.62 -20.22 -40.95 -61.68	23.99
10 51	13 00-0131	EA	33" x 18" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD43)..... Note: Includes shelf, foot locker, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	571.44 -26.60 -53.79 -80.99	27.65
10 51	13 00-0132	EA	33" x 21" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD53)..... Note: Includes shelf, foot locker, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	580.62 -27.06 -54.71 -82.36	27.65
10 51	13 00-0133	EA	33" x 24" x 76" Open Front, All-Welded Steel Stadium Locker (Penco 6WFD63)..... Note: Includes shelf, foot locker, security box and 4" high integral base. <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	589.81 -27.52 -55.63 -83.74	27.65

10 51 13 00-0134 Metal Locker Accessories (10 51 13)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0135			Locker Slope Tops <small>(10 51 13 00-0134)</small>		
10 51 13 00-0136			16 Gauge Continuous Sloping Hood <small>(10 51 13 00-0135)</small>		
10 51 13 00-0137	LF		12" Deep, 16 Gauge Continuous Slope Top.....	33.24	4.57
10 51 13 00-0138	LF		15" Deep, 16 Gauge Continuous Slope Top.....	28.09	4.57
10 51 13 00-0139	LF		18" Deep, 16 Gauge Continuous Slope Top.....	38.51	4.57
10 51 13 00-0140	LF		21" Deep, 16 Gauge Continuous Slope Top.....	42.51	4.57
10 51 13 00-0141	LF		24" Deep, 16 Gauge Continuous Slope Top.....	44.38	4.57
10 51 13 00-0142			16 Gauge Slope Top Corner Fillers <small>(10 51 13 00-0135)</small>		
10 51 13 00-0143	EA		12" Deep, 16 Gauge Slope Top Corner Fillers.....	136.58	4.57
10 51 13 00-0144	EA		15" Deep, 16 Gauge Slope Top Corner Fillers.....	139.50	4.57
10 51 13 00-0145	EA		18" Deep, 16 Gauge Slope Top Corner Fillers.....	142.40	4.57
10 51 13 00-0146	EA		21" Deep, 16 Gauge Slope Top Corner Fillers.....	145.92	4.57
10 51 13 00-0147	EA		24" Deep, 16 Gauge Slope Top Corner Fillers.....	149.41	4.57
10 51 13 00-0148			20 Gauge Individual Slope Top <small>(10 51 13 00-0135)</small>		
10 51 13 00-0149	EA		12" Wide x 12" Deep 20 Gauge Individual Slope Top.....	28.60	4.57
10 51 13 00-0150	EA		12" Wide x 15" Deep 20 Gauge Individual Slope Top.....	28.41	4.57
10 51 13 00-0151	EA		12" Wide x 18" Deep 20 Gauge Individual Slope Top.....	31.58	4.57
10 51 13 00-0152	EA		15" Wide x 15" Deep 20 Gauge Individual Slope Top.....	31.58	4.57
10 51 13 00-0153	EA		15" Wide x 18" Deep 20 Gauge Individual Slope Top.....	32.33	4.57
10 51 13 00-0154	EA		15" Wide x 21" Deep 20 Gauge Individual Slope Top.....	35.33	4.57
10 51 13 00-0155	EA		18" Wide x 18" Deep 20 Gauge Individual Slope Top.....	35.33	4.57
10 51 13 00-0156	EA		18" Wide x 21" Deep 20 Gauge Individual Slope Top.....	39.27	4.57
10 51 13 00-0157	EA		18" Wide x 24" Deep 20 Gauge Individual Slope Top.....	43.96	4.57
10 51 13 00-0158			Continuous Slope Top End Closures <small>(10 51 13 00-0135)</small>		
10 51 13 00-0159	PR		12" Deep, Continuous Slope Top End Closures.....	30.47	4.57
10 51 13 00-0160	PR		15" Deep, Continuous Slope Top End Closures.....	25.95	4.57
10 51 13 00-0161	PR		18" Deep, Continuous Slope Top End Closures.....	34.20	4.57
10 51 13 00-0162	PR		21" Deep, Continuous Slope Top End Closures.....	36.08	4.57
10 51 13 00-0163	PR		24" Deep, Continuous Slope Top End Closures.....	37.36	4.57
10 51 13 00-0164			Individual Slope Top End Closures <small>(10 51 13 00-0135)</small>		
10 51 13 00-0165	EA		12" Deep, Individual Slope Top End Closures.....	19.80	4.57
10 51 13 00-0166	EA		15" Deep, Individual Slope Top End Closures.....	20.39	4.57
10 51 13 00-0167	EA		18" Deep, Individual Slope Top End Closures.....	21.69	4.57
10 51 13 00-0168	EA		21" Deep, Individual Slope Top End Closures.....	22.59	4.57
10 51 13 00-0169	EA		24" Deep, Individual Slope Top End Closures.....	31.82	4.57
10 51 13 00-0170			Locker Base <small>(10 51 13 00-0134)</small>		
10 51 13 00-0171			Closed Front Base <small>(10 51 13 00-0170)</small>		
10 51 13 00-0172	EA		12" Wide, 6" High Closed Front Base.....	20.80	4.57
10 51 13 00-0173	EA		15" Wide, 6" High Closed Front Base.....	21.78	4.57
10 51 13 00-0174	EA		18" Wide, 6" High Closed Front Base.....	23.82	4.57
10 51 13 00-0175	EA		24" Wide, 6" High Closed Front Base.....	24.80	4.57
10 51 13 00-0176			Closed End Base <small>(10 51 13 00-0170)</small>		
10 51 13 00-0177	EA		12" Deep, 6" High Closed End Base.....	23.52	4.57
10 51 13 00-0178	EA		15" Deep, 6" High Closed End Base.....	23.69	4.57
10 51 13 00-0179	EA		18" Deep, 6" High Closed End Base.....	25.00	4.57
10 51 13 00-0180	EA		21" Deep, 6" High Closed End Base.....	26.30	4.57
10 51 13 00-0181	EA		24" Deep, 6" High Closed End Base.....	28.08	4.57
10 51 13 00-0182			Recessed Continuous Front "Z" Base <small>(10 51 13 00-0170)</small>		
10 51 13 00-0183	LF		4" High Recessed Continuous Front "Z" Base.....	24.59	3.43
10 51 13 00-0184			"Z" Base Ends Or Splice <small>(10 51 13 00-0170)</small>		
10 51 13 00-0185	EA		12" Wide, 4" High Z-Base Ends Or Splice.....	24.57	4.57
10 51 13 00-0186	EA		15" Wide, 4" High Z-Base Ends Or Splice.....	28.41	4.57
10 51 13 00-0187	EA		18" Wide, 4" High Z-Base Ends Or Splice.....	32.33	4.57
10 51 13 00-0188	EA		21" Wide, 4" High Z-Base Ends Or Splice.....	36.46	4.57
10 51 13 00-0189	EA		24" Wide, 4" High Z-Base Ends Or Splice.....	40.57	4.57
10 51 13 00-0190			Locker Front Fillers And End Panels <small>(10 51 13 00-0134)</small>		
10 51 13 00-0191			Locker Front Fillers <small>(10 51 13 00-0190)</small>		
10 51 13 00-0192	EA		6" Wide x 48" High, 16 Gauge Front Filler.....	31.99	5.72
10 51 13 00-0193	EA		12" Wide x 48" High, 16 Gauge Front Filler.....	51.63	5.72
10 51 13 00-0194	EA		6" Wide x 60" High, 16 Gauge Front Filler.....	40.06	5.72

10	10	Specialties
	10 50	Storage Specialties
	10 51	Lockers



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0195 EA 12" Wide x 60" High, 16 Gauge Front Filler	61.69	5.72
10 51 13 00-0196 EA 6" Wide x 66" High, 16 Gauge Front Filler	43.58	5.72
10 51 13 00-0197 EA 12" Wide x 66" High, 16 Gauge Front Filler	48.93	5.72
10 51 13 00-0198 EA 6" Wide x 72" High, 16 Gauge Front Filler	47.67	5.72
10 51 13 00-0199 EA 12" Wide x 72" High, 16 Gauge Front Filler	67.53	5.72
10 51 13 00-0200 EA 6" Wide x 78" High, 16 Gauge Front Filler	48.80	5.72
10 51 13 00-0201 EA 12" Wide x 78" High, 16 Gauge Front Filler	56.83	5.72
10 51 13 00-0202 Locker End Panels <small>(10 51 13 00-0190)</small>		
10 51 13 00-0203 EA 12" Deep x 48" High, 16 Gauge End Panel	52.44	4.57
10 51 13 00-0204 EA 15" Deep x 48" High, 16 Gauge End Panel	63.99	4.57
10 51 13 00-0205 EA 18" Deep x 48" High, 16 Gauge End Panel	75.10	4.57
10 51 13 00-0206 EA 12" Deep x 60" High, 16 Gauge End Panel	61.89	4.57
10 51 13 00-0207 EA 15" Deep x 60" High, 16 Gauge End Panel	70.18	4.57
10 51 13 00-0208 EA 18" Deep x 60" High, 16 Gauge End Panel	83.22	4.57
10 51 13 00-0209 EA 12" Deep x 72" High, 16 Gauge End Panel	72.92	4.57
10 51 13 00-0210 EA 15" Deep x 72" High, 16 Gauge End Panel	83.00	4.57
10 51 13 00-0211 EA 18" Deep x 72" High, 16 Gauge End Panel	96.41	4.57
10 51 13 00-0212 EA 21" Deep x 72" High, 16 Gauge End Panel	110.97	4.57
10 51 13 00-0213 Locker Recessed Trim <small>(10 51 13 00-0134)</small>		
10 51 13 00-0214 LF 3" Height, Top Trim For Recessed Lockers	10.84	2.28
10 51 13 00-0215 EA 3" Height, Inside And Outside Top Corner Trim For Recessed Lockers	29.86	4.57
10 51 13 00-0216 EA 60" Height, 3" Wide Side Trim For Recessed Lockers	45.41	4.57
10 51 13 00-0217 EA 66" Height, 3" Wide Side Trim For Recessed Lockers	47.05	4.57
10 51 13 00-0218 EA 72" Height, 3" Wide Side Trim For Recessed Lockers	48.69	4.57
10 51 13 00-0219 EA 78" Height, 3" Wide Side Trim For Recessed Lockers	50.12	4.57
10 51 13 00-0220 Locker Interior Accessories <small>(10 51 13 00-0134)</small>		
10 51 13 00-0221 Locker Coat Rods <small>(10 51 13 00-0220)</small>		
10 51 13 00-0222 EA 12" Wide Coat Rod	16.20	4.57
10 51 13 00-0223 EA 15" Wide Coat Rod	17.72	4.57
10 51 13 00-0224 EA 18" Wide Coat Rod	19.07	4.57
10 51 13 00-0225 EA 24" Wide Coat Rod	20.27	4.57
10 51 13 00-0226 Locker Hat Shelf <small>(10 51 13 00-0220)</small>		
10 51 13 00-0227 EA 12" Wide Hat Shelf	19.41	4.57
10 51 13 00-0228 EA 15" Wide Hat Shelf	22.71	4.57
10 51 13 00-0229 EA 18" Wide Hat Shelf	24.10	4.57
10 51 13 00-0230 EA 24" Wide Hat Shelf	29.60	4.57
10 51 13 00-0231 Locker ADA Compliant Shelf <small>(10 51 13 00-0220)</small>		
10 51 13 00-0232 EA ADA Compliant Shelf For Single Tier Lockers	38.14	5.72
Note: Includes an ADA label for locker face.		
10 51 13 00-0233 Other Interior Locker Accessories <small>(10 51 13 00-0220)</small>		
10 51 13 00-0234 EA 3" x 10" Bent Plate Shoe Rack	50.25	4.57
10 51 13 00-0235 EA 8" x 10" Mirror	39.97	4.57
10 51 13 00-0236 EA Additional Hook	11.71	4.57
10 51 13 00-0237 Locker Locks <small>(10 51 13 00-0134)</small>		
10 51 13 00-0238 EA Built In Combination Lock	43.81	4.57
10 51 13 00-0239 Steel Basket Racks Mounted On Concrete Base <small>(10 51 13)</small>		
Note: Includes electroplated baskets with 3/4" x 1" wire mesh sides and bottom with perforated sheet steel front and backs.		
10 51 13 00-0240 EA 9" x 13" x 8" Baskets, 28 Wire Mesh Baskets And Rack	2,041.90	85.69
10 51 13 00-0241 EA 12" x 13" x 8" Baskets, 21 Wire Mesh Baskets And Rack	1,746.39	85.69
10 51 13 00-0242 All-Welded Steel Lockers <small>(10 51 13)</small>		
10 51 13 00-0243 All-Welded Steel Lockers <small>(10 51 13 00-0242)</small>		
Note: Price per frame. Includes diamond perforated, standard louvered or solid doors and sides. Includes all-welded construction with 16 gauge solid top, bottom, and shelves, 14 gauge doors and 4" legs. Includes electrostatically applied enamel powder coat paint finish. Excludes slope top, base fillers, and locks.		
10 51 13 00-0244 Single Tier, All-Welded Steel Lockers <small>(10 51 13 00-0243)</small>		
Note: Includes one hat shelf, two single hooks and one double hook.		
10 51 13 00-0245 EA 12" x 12" x 48" Single Tier, All-Welded Steel Locker	168.68	20.00
For >25 To 50, Deduct		-7.01
For >50 To 100, Deduct		-14.44
For >100, Deduct		-21.87

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 13 00-0246	EA		12" x 15" x 48" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	176.95 -7.42 -15.27 -23.12	20.00
10 51 13 00-0247	EA		12" x 18" x 48" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	184.91 -7.82 -16.06 -24.31	20.00
10 51 13 00-0248	EA		12" x 12" x 60" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	175.51 -7.35 -15.12 -22.90	20.00
10 51 13 00-0249	EA		12" x 15" x 60" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	183.47 -7.75 -15.92 -24.09	20.00
10 51 13 00-0250	EA		12" x 18" x 60" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	191.43 -8.14 -16.72 -25.29	20.00
10 51 13 00-0251	EA		12" x 12" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	185.73 -7.72 -15.90 -24.09	22.00
10 51 13 00-0252	EA		12" x 15" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	193.10 -8.08 -16.64 -25.19	22.00
10 51 13 00-0253	EA		12" x 18" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	201.07 -8.48 -17.44 -26.39	22.00
10 51 13 00-0254	EA		15" x 15" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	208.51 -8.85 -18.18 -27.51	22.00
10 51 13 00-0255	EA		15" x 18" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	214.65 -9.16 -18.79 -28.43	22.00
10 51 13 00-0256	EA		18" x 18" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	223.11 -9.58 -19.64 -29.70	22.00
10 51 13 00-0257	EA		18" x 21" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	232.63 -10.06 -20.59 -31.12	22.00
10 51 13 00-0258	EA		24" x 24" x 72" Single Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	376.02 -17.23 -34.93 -52.63	22.00
10 51 13 00-0259			Two Tier, All-Welded Steel Lockers <small>(10 51 13 00-0243)</small> Note: Includes two single hooks and one double hook per tier.		
10 51 13 00-0260	EA		12" x 12" x 60" Two Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	201.32 -8.64 -17.70 -26.77	20.00
10 51 13 00-0261	EA		12" x 15" x 60" Two Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	204.98 -8.82 -18.07 -27.32	20.00
10 51 13 00-0262	EA		12" x 18" x 60" Two Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	214.78 -9.31 -19.05 -28.79	20.00
10 51 13 00-0263	EA		12" x 12" x 72" Two Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	210.28 -8.94 -18.36 -27.77	22.00
10 51 13 00-0264	EA		12" x 15" x 72" Two Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	223.80 -9.62 -19.71 -29.80	22.00
10 51 13 00-0265	EA		12" x 18" x 72" Two Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	231.17 -9.99 -20.45 -30.91	22.00
10 51 13 00-0266	EA		15" x 15" x 72" Two Tier, All-Welded Steel Locker <i>For >25 To 50, Deduct</i> <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	241.67 -10.51 -21.50 -32.48	22.00

10	10	Specialties
	10 50	Storage Specialties
	10 51	Lockers



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51	13 00-0267	EA	15" x 18" x 72" Two Tier, All-Welded Steel Locker	246.62	22.00
			<i>For >25 To 50, Deduct</i>	-10.76	
			<i>For >50 To 100, Deduct</i>	-21.99	
			<i>For >100, Deduct</i>	-33.22	
10 51	13 00-0268	EA	18" x 18" x 72" Two Tier, All-Welded Steel Locker	260.87	22.00
			<i>For >25 To 50, Deduct</i>	-11.47	
			<i>For >50 To 100, Deduct</i>	-23.42	
			<i>For >100, Deduct</i>	-35.36	
10 51	13 00-0269	EA	18" x 21" x 72" Two Tier, All-Welded Steel Locker	271.91	22.00
			<i>For >25 To 50, Deduct</i>	-12.02	
			<i>For >50 To 100, Deduct</i>	-24.52	
			<i>For >100, Deduct</i>	-37.02	
10 51	13 00-0270		Three Tier, All-Welded Steel Lockers <small>(10 51 13 00-0243)</small>		
			Note: Includes two single hooks and one double hook per tier.		
10 51	13 00-0271	EA	12" x 12" x 72" Three Tier, All-Welded Steel Locker	248.36	22.00
			<i>For >25 To 50, Deduct</i>	-10.85	
			<i>For >50 To 100, Deduct</i>	-22.17	
			<i>For >100, Deduct</i>	-33.48	
10 51	13 00-0272	EA	12" x 15" x 72" Three Tier, All-Welded Steel Locker	253.90	22.00
			<i>For >25 To 50, Deduct</i>	-11.12	
			<i>For >50 To 100, Deduct</i>	-22.72	
			<i>For >100, Deduct</i>	-34.31	
10 51	13 00-0273	EA	12" x 18" x 72" Three Tier, All-Welded Steel Locker	259.40	22.00
			<i>For >25 To 50, Deduct</i>	-11.40	
			<i>For >50 To 100, Deduct</i>	-23.27	
			<i>For >100, Deduct</i>	-35.14	
10 51	13 00-0274	EA	15" x 15" x 72" Three Tier, All-Welded Steel Locker	272.43	22.00
			<i>For >25 To 50, Deduct</i>	-12.05	
			<i>For >50 To 100, Deduct</i>	-24.57	
			<i>For >100, Deduct</i>	-37.09	
10 51	13 00-0275	EA	15" x 18" x 72" Three Tier, All-Welded Steel Locker	274.84	22.00
			<i>For >25 To 50, Deduct</i>	-12.17	
			<i>For >50 To 100, Deduct</i>	-24.81	
			<i>For >100, Deduct</i>	-37.46	
10 51	13 00-0276		Four Tier, All-Welded Steel Lockers <small>(10 51 13 00-0243)</small>		
10 51	13 00-0277	EA	12" x 12" x 72" Four Tier, All-Welded Steel Locker	235.23	22.00
			<i>For >25 To 50, Deduct</i>	-10.19	
			<i>For >50 To 100, Deduct</i>	-20.85	
			<i>For >100, Deduct</i>	-31.51	
10 51	13 00-0278	EA	12" x 15" x 72" Four Tier, All-Welded Steel Locker	240.46	22.00
			<i>For >25 To 50, Deduct</i>	-10.45	
			<i>For >50 To 100, Deduct</i>	-21.38	
			<i>For >100, Deduct</i>	-32.30	
10 51	13 00-0279	EA	12" x 18" x 72" Four Tier, All-Welded Steel Locker	245.65	22.00
			<i>For >25 To 50, Deduct</i>	-10.71	
			<i>For >50 To 100, Deduct</i>	-21.89	
			<i>For >100, Deduct</i>	-33.08	
10 51	13 00-0280	EA	15" x 15" x 72" Four Tier, All-Welded Steel Locker	257.91	22.00
			<i>For >25 To 50, Deduct</i>	-11.32	
			<i>For >50 To 100, Deduct</i>	-23.12	
			<i>For >100, Deduct</i>	-34.92	
10 51	13 00-0281	EA	15" x 18" x 72" Four Tier, All-Welded Steel Locker	260.14	22.00
			<i>For >25 To 50, Deduct</i>	-11.44	
			<i>For >50 To 100, Deduct</i>	-23.34	
			<i>For >100, Deduct</i>	-35.25	
10 51	13 00-0282		Six Tier, All-Welded Steel Lockers <small>(10 51 13 00-0243)</small>		
10 51	13 00-0283	EA	12" x 12" x 72" Six Tier, All-Welded Steel Locker	243.36	22.00
			<i>For >25 To 50, Deduct</i>	-10.60	
			<i>For >50 To 100, Deduct</i>	-21.67	
			<i>For >100, Deduct</i>	-32.73	
10 51	13 00-0284	EA	12" x 15" x 72" Six Tier, All-Welded Steel Locker	251.00	22.00
			<i>For >25 To 50, Deduct</i>	-10.98	
			<i>For >50 To 100, Deduct</i>	-22.43	
			<i>For >100, Deduct</i>	-33.88	
10 51	13 00-0285	EA	12" x 18" x 72" Six Tier, All-Welded Steel Locker	256.62	22.00
			<i>For >25 To 50, Deduct</i>	-11.26	
			<i>For >50 To 100, Deduct</i>	-22.99	
			<i>For >100, Deduct</i>	-34.72	
10 51	13 00-0286		All Welded Locker Accessories <small>(10 51 13 00-0242)</small>		
10 51	13 00-0287	EA	ADA Requirements For All Welded Lockers	125.10	
10 51	13 00-0288	EA	Solid Boxed End Panel For 12" Deep All Welded Lockers	202.16	4.57
10 51	13 00-0289	EA	Solid Boxed End Panel For 15" Deep All Welded Lockers	234.33	4.57
10 51	13 00-0290	EA	Recessed Trim For All Welded Lockers	142.58	4.57
10 51	13 00-0291	EA	Built In Combination Lock For All Welded Lockers	43.81	4.57
10 51	13 00-0292	EA	Pad Lock For All Welded Lockers	38.93	4.57

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 Plastic Lockers <small>(10 51)</small>		
10 51 26 00-0001 Solid Plastic Lockers <small>(10 51 26)</small>		
Note: Price per frame. High density polyethylene with homogeneous color throughout. Includes 1/2" door, 3/8" sides, tops, bottoms, rears and shelves. Excludes slope top, base, and locks.		
10 51 26 00-0002 Single Tier Solid Plastic Lockers <small>(10 51 26 00-0001)</small>		
Note: Includes one double hook per tier.		
10 51 26 00-0003 EA 12" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	631.60	35.42
For >50 To 100, Deduct	-56.08	
For >100, Deduct	-86.24	
10 51 26 00-0004 EA 12" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	642.85	35.42
For >50 To 100, Deduct	-57.20	
For >100, Deduct	-87.93	
10 51 26 00-0005 EA 12" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	654.10	35.42
For >50 To 100, Deduct	-58.33	
For >100, Deduct	-89.61	
10 51 26 00-0006 EA 15" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	670.97	35.42
For >50 To 100, Deduct	-60.01	
For >100, Deduct	-92.14	
10 51 26 00-0007 EA 15" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	653.13	35.42
For >50 To 100, Deduct	-58.23	
For >100, Deduct	-89.47	
10 51 26 00-0008 EA 18" x 12" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	657.86	35.42
For >50 To 100, Deduct	-58.70	
For >100, Deduct	-90.18	
10 51 26 00-0009 EA 18" x 15" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	649.54	35.42
For >50 To 100, Deduct	-57.87	
For >100, Deduct	-88.93	
10 51 26 00-0010 EA 18" x 18" x 36" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	695.99	35.42
For >50 To 100, Deduct	-62.52	
For >100, Deduct	-95.90	
10 51 26 00-0011 EA 12" x 12" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	685.27	35.42
For >50 To 100, Deduct	-61.44	
For >100, Deduct	-94.29	
10 51 26 00-0012 EA 12" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	697.77	35.42
For >50 To 100, Deduct	-62.69	
For >100, Deduct	-96.16	
10 51 26 00-0013 EA 12" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	710.27	35.42
For >50 To 100, Deduct	-63.94	
For >100, Deduct	-98.04	
10 51 26 00-0014 EA 15" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	738.86	35.42
For >50 To 100, Deduct	-66.80	
For >100, Deduct	-102.33	
10 51 26 00-0015 EA 15" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	778.16	35.42
For >50 To 100, Deduct	-70.73	
For >100, Deduct	-108.22	
10 51 26 00-0016 EA 18" x 15" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	742.42	35.42
For >50 To 100, Deduct	-67.16	
For >100, Deduct	-102.86	
10 51 26 00-0017 EA 18" x 18" x 48" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	806.72	35.42
For >50 To 100, Deduct	-73.59	
For >100, Deduct	-112.51	
10 51 26 00-0018 EA 12" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	690.25	35.42
For >50 To 100, Deduct	-61.94	
For >100, Deduct	-95.04	
10 51 26 00-0019 EA 12" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	726.89	35.42
For >50 To 100, Deduct	-65.61	
For >100, Deduct	-100.53	
10 51 26 00-0020 EA 12" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	763.56	35.42
For >50 To 100, Deduct	-69.27	
For >100, Deduct	-106.03	
10 51 26 00-0021 EA 15" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	736.71	35.42
For >50 To 100, Deduct	-66.59	
For >100, Deduct	-102.01	
10 51 26 00-0022 EA 15" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	775.54	35.42
For >50 To 100, Deduct	-70.47	
For >100, Deduct	-107.83	
10 51 26 00-0023 EA 15" x 18" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	814.41	35.42
For >50 To 100, Deduct	-74.36	
For >100, Deduct	-113.66	
10 51 26 00-0024 EA 18" x 12" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	783.16	35.42
For >50 To 100, Deduct	-71.23	
For >100, Deduct	-108.97	
10 51 26 00-0025 EA 18" x 15" x 60" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	824.22	35.42
For >50 To 100, Deduct	-75.34	
For >100, Deduct	-115.13	
10 51 26 00-0026 EA 12" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	789.86	36.56
For >50 To 100, Deduct	-71.67	
For >100, Deduct	-109.70	
10 51 26 00-0027 EA 12" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	830.94	36.56
For >50 To 100, Deduct	-75.78	
For >100, Deduct	-115.87	
10 51 26 00-0028 EA 12" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	871.97	36.56
For >50 To 100, Deduct	-79.89	
For >100, Deduct	-122.02	

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0029	EA		15" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	843.17	36.56
			<i>For >50 To 100, Deduct</i>	-77.01	
			<i>For >100, Deduct</i>	-117.70	
10 51 26 00-0030	EA		15" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	886.50	36.56
			<i>For >50 To 100, Deduct</i>	-81.34	
			<i>For >100, Deduct</i>	-124.20	
10 51 26 00-0031	EA		15" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	929.78	36.56
			<i>For >50 To 100, Deduct</i>	-85.67	
			<i>For >100, Deduct</i>	-130.69	
10 51 26 00-0032	EA		18" x 12" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	885.67	36.56
			<i>For >50 To 100, Deduct</i>	-81.26	
			<i>For >100, Deduct</i>	-124.08	
10 51 26 00-0033	EA		18" x 15" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	942.01	36.56
			<i>For >50 To 100, Deduct</i>	-86.89	
			<i>For >100, Deduct</i>	-132.53	
10 51 26 00-0034	EA		18" x 18" x 72" Single Tier Solid Plastic Locker (Tufftec Lockers®).....	987.51	36.56
			<i>For >50 To 100, Deduct</i>	-91.44	
			<i>For >100, Deduct</i>	-139.35	
10 51 26 00-0035			Double Tier Solid Plastic Lockers (10 51 26 00-0001)		
			Note: Includes one double hook per tier.		
10 51 26 00-0036	EA		12" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	708.99	36.56
			<i>For >50 To 100, Deduct</i>	-63.59	
			<i>For >100, Deduct</i>	-97.57	
10 51 26 00-0037	EA		12" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	719.70	36.56
			<i>For >50 To 100, Deduct</i>	-64.66	
			<i>For >100, Deduct</i>	-99.18	
10 51 26 00-0038	EA		12" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	735.76	36.56
			<i>For >50 To 100, Deduct</i>	-66.26	
			<i>For >100, Deduct</i>	-101.59	
10 51 26 00-0039	EA		15" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	730.42	36.56
			<i>For >50 To 100, Deduct</i>	-65.73	
			<i>For >100, Deduct</i>	-100.79	
10 51 26 00-0040	EA		15" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	759.00	36.56
			<i>For >50 To 100, Deduct</i>	-68.59	
			<i>For >100, Deduct</i>	-105.08	
10 51 26 00-0041	EA		15" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	826.86	36.56
			<i>For >50 To 100, Deduct</i>	-75.37	
			<i>For >100, Deduct</i>	-115.25	
10 51 26 00-0042	EA		18" x 12" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	737.57	36.56
			<i>For >50 To 100, Deduct</i>	-66.45	
			<i>For >100, Deduct</i>	-101.86	
10 51 26 00-0043	EA		18" x 15" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	772.14	36.56
			<i>For >50 To 100, Deduct</i>	-69.90	
			<i>For >100, Deduct</i>	-107.05	
10 51 26 00-0044	EA		18" x 18" x 48" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	834.02	36.56
			<i>For >50 To 100, Deduct</i>	-76.09	
			<i>For >100, Deduct</i>	-116.33	
10 51 26 00-0045	EA		12" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	733.57	36.56
			<i>For >50 To 100, Deduct</i>	-66.05	
			<i>For >100, Deduct</i>	-101.26	
10 51 26 00-0046	EA		12" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	789.52	36.56
			<i>For >50 To 100, Deduct</i>	-71.64	
			<i>For >100, Deduct</i>	-109.65	
10 51 26 00-0047	EA		12" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	805.51	36.56
			<i>For >50 To 100, Deduct</i>	-73.24	
			<i>For >100, Deduct</i>	-112.05	
10 51 26 00-0048	EA		15" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	798.87	36.56
			<i>For >50 To 100, Deduct</i>	-72.58	
			<i>For >100, Deduct</i>	-111.06	
10 51 26 00-0049	EA		15" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	835.94	36.56
			<i>For >50 To 100, Deduct</i>	-76.28	
			<i>For >100, Deduct</i>	-116.62	
10 51 26 00-0050	EA		18" x 12" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	843.19	36.56
			<i>For >50 To 100, Deduct</i>	-77.01	
			<i>For >100, Deduct</i>	-117.70	
10 51 26 00-0051	EA		18" x 15" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	882.40	36.56
			<i>For >50 To 100, Deduct</i>	-80.93	
			<i>For >100, Deduct</i>	-123.59	
10 51 26 00-0052	EA		18" x 18" x 60" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	921.60	36.56
			<i>For >50 To 100, Deduct</i>	-84.85	
			<i>For >100, Deduct</i>	-129.47	
10 51 26 00-0053	EA		12" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	849.71	37.71
			<i>For >50 To 100, Deduct</i>	-77.43	
			<i>For >100, Deduct</i>	-118.41	
10 51 26 00-0054	EA		12" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	888.91	37.71
			<i>For >50 To 100, Deduct</i>	-81.35	
			<i>For >100, Deduct</i>	-124.29	
10 51 26 00-0055	EA		12" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	909.34	37.71
			<i>For >50 To 100, Deduct</i>	-83.39	
			<i>For >100, Deduct</i>	-127.35	
10 51 26 00-0056	EA		15" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	900.60	37.71
			<i>For >50 To 100, Deduct</i>	-82.52	
			<i>For >100, Deduct</i>	-126.04	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0057	EA		15" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	941.95	37.71
			<i>For >50 To 100, Deduct</i>	-86.65	
			<i>For >100, Deduct</i>	-132.24	
10 51 26 00-0058	EA		15" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	983.28	37.71
			<i>For >50 To 100, Deduct</i>	-90.79	
			<i>For >100, Deduct</i>	-138.44	
10 51 26 00-0059	EA		18" x 12" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	908.00	37.71
			<i>For >50 To 100, Deduct</i>	-83.26	
			<i>For >100, Deduct</i>	-127.15	
10 51 26 00-0060	EA		18" x 15" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	994.95	37.71
			<i>For >50 To 100, Deduct</i>	-91.95	
			<i>For >100, Deduct</i>	-140.19	
10 51 26 00-0061	EA		18" x 18" x 72" Double Tier Solid Plastic Locker (Tufftec Lockers®).....	1,038.38	37.71
			<i>For >50 To 100, Deduct</i>	-96.30	
			<i>For >100, Deduct</i>	-146.71	
10 51 26 00-0062			Triple Tier Solid Plastic Lockers <small>(10 51 26 00-0001)</small>		
			Note: Includes one double hook per tier.		
10 51 26 00-0063	EA		12" x 12" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	697.88	37.71
			<i>For >50 To 100, Deduct</i>	-62.25	
			<i>For >100, Deduct</i>	-95.63	
10 51 26 00-0064	EA		15" x 15" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	727.29	37.71
			<i>For >50 To 100, Deduct</i>	-65.19	
			<i>For >100, Deduct</i>	-100.04	
10 51 26 00-0065	EA		15" x 18" x 48" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	754.26	37.71
			<i>For >50 To 100, Deduct</i>	-67.89	
			<i>For >100, Deduct</i>	-104.09	
10 51 26 00-0066	EA		12" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	759.49	37.71
			<i>For >50 To 100, Deduct</i>	-68.41	
			<i>For >100, Deduct</i>	-104.87	
10 51 26 00-0067	EA		12" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	822.34	37.71
			<i>For >50 To 100, Deduct</i>	-74.69	
			<i>For >100, Deduct</i>	-114.30	
10 51 26 00-0068	EA		12" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	822.64	37.71
			<i>For >50 To 100, Deduct</i>	-74.72	
			<i>For >100, Deduct</i>	-114.35	
10 51 26 00-0069	EA		15" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	856.93	37.71
			<i>For >50 To 100, Deduct</i>	-78.15	
			<i>For >100, Deduct</i>	-119.49	
10 51 26 00-0070	EA		15" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	891.38	37.71
			<i>For >50 To 100, Deduct</i>	-81.60	
			<i>For >100, Deduct</i>	-124.66	
10 51 26 00-0071	EA		15" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	925.80	37.71
			<i>For >50 To 100, Deduct</i>	-85.04	
			<i>For >100, Deduct</i>	-129.82	
10 51 26 00-0072	EA		18" x 12" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	898.11	37.71
			<i>For >50 To 100, Deduct</i>	-82.27	
			<i>For >100, Deduct</i>	-125.67	
10 51 26 00-0073	EA		18" x 15" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	934.51	37.71
			<i>For >50 To 100, Deduct</i>	-85.91	
			<i>For >100, Deduct</i>	-131.13	
10 51 26 00-0074	EA		18" x 18" x 60" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	970.91	37.71
			<i>For >50 To 100, Deduct</i>	-89.55	
			<i>For >100, Deduct</i>	-136.59	
10 51 26 00-0075	EA		12" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	904.31	38.85
			<i>For >50 To 100, Deduct</i>	-82.66	
			<i>For >100, Deduct</i>	-126.32	
10 51 26 00-0076	EA		12" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	940.73	38.85
			<i>For >50 To 100, Deduct</i>	-86.30	
			<i>For >100, Deduct</i>	-131.79	
10 51 26 00-0077	EA		12" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	966.29	38.85
			<i>For >50 To 100, Deduct</i>	-88.86	
			<i>For >100, Deduct</i>	-135.62	
10 51 26 00-0078	EA		15" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	951.57	38.85
			<i>For >50 To 100, Deduct</i>	-87.39	
			<i>For >100, Deduct</i>	-133.41	
10 51 26 00-0079	EA		15" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	963.11	38.85
			<i>For >50 To 100, Deduct</i>	-88.54	
			<i>For >100, Deduct</i>	-135.14	
10 51 26 00-0080	EA		15" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,004.71	38.85
			<i>For >50 To 100, Deduct</i>	-92.70	
			<i>For >100, Deduct</i>	-141.38	
10 51 26 00-0081	EA		18" x 12" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	935.04	38.85
			<i>For >50 To 100, Deduct</i>	-85.73	
			<i>For >100, Deduct</i>	-130.93	
10 51 26 00-0082	EA		18" x 15" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,019.62	38.85
			<i>For >50 To 100, Deduct</i>	-94.19	
			<i>For >100, Deduct</i>	-143.62	
10 51 26 00-0083	EA		18" x 18" x 72" Triple Tier Solid Plastic Locker (Tufftec Lockers®).....	1,079.50	38.85
			<i>For >50 To 100, Deduct</i>	-100.18	
			<i>For >100, Deduct</i>	-152.60	
10 51 26 00-0084			Four Tier Solid Plastic Lockers <small>(10 51 26 00-0001)</small>		

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

Cal Poly
Humboldt.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0085 EA 12" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	811.79	38.85
For >50 To 100, Deduct	-73.41	
For >100, Deduct	-112.44	
10 51 26 00-0086 EA 12" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	835.67	38.85
For >50 To 100, Deduct	-75.80	
For >100, Deduct	-116.03	
10 51 26 00-0087 EA 12" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	879.68	38.85
For >50 To 100, Deduct	-80.20	
For >100, Deduct	-122.63	
10 51 26 00-0088 EA 15" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	874.31	38.85
For >50 To 100, Deduct	-79.66	
For >100, Deduct	-121.82	
10 51 26 00-0089 EA 15" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	931.33	38.85
For >50 To 100, Deduct	-85.36	
For >100, Deduct	-130.38	
10 51 26 00-0090 EA 15" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	949.32	38.85
For >50 To 100, Deduct	-87.16	
For >100, Deduct	-133.07	
10 51 26 00-0091 EA 18" x 12" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	940.39	38.85
For >50 To 100, Deduct	-86.27	
For >100, Deduct	-131.73	
10 51 26 00-0092 EA 18" x 15" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	970.75	38.85
For >50 To 100, Deduct	-89.31	
For >100, Deduct	-136.29	
10 51 26 00-0093 EA 18" x 18" x 60" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,058.29	38.85
For >50 To 100, Deduct	-98.06	
For >100, Deduct	-149.42	
10 51 26 00-0094 EA 12" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	935.45	39.99
For >50 To 100, Deduct	-85.55	
For >100, Deduct	-130.72	
10 51 26 00-0095 EA 12" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	977.78	39.99
For >50 To 100, Deduct	-89.78	
For >100, Deduct	-137.07	
10 51 26 00-0096 EA 12" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	983.30	39.99
For >50 To 100, Deduct	-90.33	
For >100, Deduct	-137.90	
10 51 26 00-0097 EA 15" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,036.63	39.99
For >50 To 100, Deduct	-95.66	
For >100, Deduct	-145.90	
10 51 26 00-0098 EA 15" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	987.28	39.99
For >50 To 100, Deduct	-90.73	
For >100, Deduct	-138.49	
10 51 26 00-0099 EA 15" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,032.00	39.99
For >50 To 100, Deduct	-95.20	
For >100, Deduct	-145.20	
10 51 26 00-0100 EA 18" x 12" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	985.57	39.99
For >50 To 100, Deduct	-90.56	
For >100, Deduct	-138.24	
10 51 26 00-0101 EA 18" x 15" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,039.15	39.99
For >50 To 100, Deduct	-95.92	
For >100, Deduct	-146.27	
10 51 26 00-0102 EA 18" x 18" x 72" Four Tier Solid Plastic Locker (Tufftec Lockers®)	1,119.43	39.99
For >50 To 100, Deduct	-103.94	
For >100, Deduct	-158.32	
10 51 26 00-0103 Five Tier Solid Plastic Lockers (10 51 26 00-0001)		
10 51 26 00-0104 EA 12" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	883.38	39.42
For >50 To 100, Deduct	-80.45	
For >100, Deduct	-123.05	
10 51 26 00-0105 EA 12" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	912.94	39.42
For >50 To 100, Deduct	-83.41	
For >100, Deduct	-127.48	
10 51 26 00-0106 EA 12" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	942.50	39.42
For >50 To 100, Deduct	-86.37	
For >100, Deduct	-131.91	
10 51 26 00-0107 EA 15" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	923.68	39.42
For >50 To 100, Deduct	-84.48	
For >100, Deduct	-129.09	
10 51 26 00-0108 EA 15" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	976.63	39.42
For >50 To 100, Deduct	-89.78	
For >100, Deduct	-137.03	
10 51 26 00-0109 EA 15" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,002.26	39.42
For >50 To 100, Deduct	-92.34	
For >100, Deduct	-140.88	
10 51 26 00-0110 EA 18" x 12" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	993.33	39.42
For >50 To 100, Deduct	-91.45	
For >100, Deduct	-139.54	
10 51 26 00-0111 EA 18" x 15" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,021.91	39.42
For >50 To 100, Deduct	-94.31	
For >100, Deduct	-143.83	
10 51 26 00-0112 EA 18" x 18" x 60" Five Tier Solid Plastic Locker (Tufftec Lockers®)	1,114.79	39.42
For >50 To 100, Deduct	-103.60	
For >100, Deduct	-157.76	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0113	EA		12" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	964.17	40.57
			<i>For >50 To 100, Deduct</i>	-88.31	
			<i>For >100, Deduct</i>	-134.89	
10 51 26 00-0114	EA		12" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	997.32	40.57
			<i>For >50 To 100, Deduct</i>	-91.62	
			<i>For >100, Deduct</i>	-139.86	
10 51 26 00-0115	EA		12" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,030.44	40.57
			<i>For >50 To 100, Deduct</i>	-94.93	
			<i>For >100, Deduct</i>	-144.83	
10 51 26 00-0116	EA		15" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,018.85	40.57
			<i>For >50 To 100, Deduct</i>	-93.77	
			<i>For >100, Deduct</i>	-143.09	
10 51 26 00-0117	EA		15" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,042.16	40.57
			<i>For >50 To 100, Deduct</i>	-96.10	
			<i>For >100, Deduct</i>	-146.59	
10 51 26 00-0118	EA		15" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,077.06	40.57
			<i>For >50 To 100, Deduct</i>	-99.59	
			<i>For >100, Deduct</i>	-151.82	
10 51 26 00-0119	EA		18" x 12" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,050.24	40.57
			<i>For >50 To 100, Deduct</i>	-96.91	
			<i>For >100, Deduct</i>	-147.80	
10 51 26 00-0120	EA		18" x 15" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,090.27	40.57
			<i>For >50 To 100, Deduct</i>	-100.92	
			<i>For >100, Deduct</i>	-153.81	
10 51 26 00-0121	EA		18" x 18" x 72" Five Tier Solid Plastic Locker (Tufftec Lockers®).....	1,136.72	40.57
			<i>For >50 To 100, Deduct</i>	-105.56	
			<i>For >100, Deduct</i>	-160.77	
10 51 26 00-0122			Six Tier Solid Plastic Lockers (10 51 26 00-0001)		
10 51 26 00-0123	EA		15" x 12" x 60" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,019.62	39.99
			<i>For >50 To 100, Deduct</i>	-93.96	
			<i>For >100, Deduct</i>	-143.34	
10 51 26 00-0124	EA		12" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,000.30	41.13
			<i>For >50 To 100, Deduct</i>	-91.80	
			<i>For >100, Deduct</i>	-140.17	
10 51 26 00-0125	EA		12" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,033.40	41.13
			<i>For >50 To 100, Deduct</i>	-95.11	
			<i>For >100, Deduct</i>	-145.14	
10 51 26 00-0126	EA		12" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,055.49	41.13
			<i>For >50 To 100, Deduct</i>	-97.32	
			<i>For >100, Deduct</i>	-148.45	
10 51 26 00-0127	EA		15" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,099.62	41.13
			<i>For >50 To 100, Deduct</i>	-101.74	
			<i>For >100, Deduct</i>	-155.07	
10 51 26 00-0128	EA		15" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,112.51	41.13
			<i>For >50 To 100, Deduct</i>	-103.02	
			<i>For >100, Deduct</i>	-157.00	
10 51 26 00-0129	EA		15" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,121.71	41.13
			<i>For >50 To 100, Deduct</i>	-103.94	
			<i>For >100, Deduct</i>	-158.38	
10 51 26 00-0130	EA		18" x 12" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,125.38	41.13
			<i>For >50 To 100, Deduct</i>	-104.31	
			<i>For >100, Deduct</i>	-158.93	
10 51 26 00-0131	EA		18" x 15" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,165.85	41.13
			<i>For >50 To 100, Deduct</i>	-108.36	
			<i>For >100, Deduct</i>	-165.01	
10 51 26 00-0132	EA		18" x 18" x 72" Six Tier Solid Plastic Locker (Tufftec Lockers®).....	1,219.21	41.13
			<i>For >50 To 100, Deduct</i>	-113.69	
			<i>For >100, Deduct</i>	-173.01	
10 51 26 00-0133			Solid Plastic Locker Accessories (10 51 26 00-0001)		
10 51 26 00-0134			Slope Tops For Solid Plastic Lockers (10 51 26 00-0133)		
			Note: Price per frame.		
10 51 26 00-0135	EA		Slope Top For Solid Plastic Lockers (Tufftec Lockers®).....	47.37	
10 51 26 00-0136			Recessed Bases For Solid Plastic Lockers (10 51 26 00-0133)		
			Note: Price per frame.		
10 51 26 00-0137	EA		Recessed Base For Solid Plastic Lockers (Tufftec Lockers®).....	52.13	
10 51 26 00-0138			End Panels For Solid Plastic Lockers (10 51 26 00-0133)		
			Note: Price per frame.		
10 51 26 00-0139	EA		End Panel For Solid Plastic Lockers (Tufftec Lockers®).....	121.40	
10 51 26 00-0140			Venting Options For Solid Plastic Locker Doors (10 51 26 00-0133)		
			Note: Price per frame.		
10 51 26 00-0141	EA		Horizontal Venting Option For Solid Plastic Locker Doors.....	47.77	
10 51 26 00-0142			Filler Panels For Solid Plastic Lockers (10 51 26 00-0133)		

10 Specialties**10 50 Storage Specialties****10 51 Lockers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 51 26 00-0143	EA		Up To 6" Width, Filler Panel For Solid Plastic Lockers (Tufftec Lockers®)..... Note: Full locker height. Width and height cut to size in the field.	124.10	
10 51 26 00-0144			Locker Accessories For Solid Plastic Lockers (10 51 26 00-0133)		
10 51 26 00-0145	EA		Built In Hasp For Solid Plastic Lockers Note: For removable padlocks. Excludes padlock.	11.94	
10 51 26 00-0146	EA		Built In Combination Lock For Solid Plastic Lockers.....	35.83	
10 51 26 00-0147	EA		Built In Key Lock For Solid Plastic Lockers.....	47.77	
10 51 53			Locker Room Benches (10 51)		
10 51 53 00-0001	LF		9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Aluminum Pedestals.....	111.55	5.72
10 51 53 00-0002	LF		9-1/2" Wide Top, 17" To 19" Height, Hardwood Bench With Painted Steel Pedestals.....	88.86	5.72
10 51 53 00-0003	LF		9-1/2" Wide Top, 17" To 19" Height, Plastic Laminated Bench With Steel Pedestals.....	136.20	5.72
10 51 53 00-0004	LF		9-1/2" Wide Top, 17" To 19" Height, Solid Plastic Bench With Steel Pedestals.....	130.12	5.72
10 51 53 00-0005	LF		9-1/2" Wide Top, 17" To 19" Height, Aluminum Bench With Aluminum Pedestals.....	100.89	5.72
10 55			Postal Specialties (10 50)		
10 55 23			Mail Boxes (10 55)		
10 55 23 23			Residential Mail Boxes (10 55 23)		
10 55 23 23-0001			Residential Mail Boxes (10 55 23 23)		
10 55 23 23-0002	EA		13" x 3-9/16" Satin Aluminum (Aluminum Body) Letter Slot With Interior Plate For Stainless Steel Sleeve, Add	123.75 28.17	12.85
10 55 23 23-0003	EA		13" x 3-9/16" Bright Brass (Brass Body) Letter Slot With Interior Plate..... For Stainless Steel Sleeve, Add	167.37 28.17	12.85
10 55 23 23-0004	EA		8" Wide x 16.5" High x 4.25" Deep, Aluminum Or Galvanized Steel Wall Mounted Mailbox.....	90.18	11.43
10 55 23 23-0005	EA		20" x 8-3/4" x 6-7/8" Galvanized Steel Residential Rural Mailbox With 1-1/2" Post.....	134.12	14.28
10 55 23 26			Commercial Mail Boxes (10 55 23)		
10 55 23 26-0001			Commercial Letter Boxes (10 55 23 26)		
			Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0002	EA		15" Wide x 19" High x 7-1/2" Deep, US Postal Service Approved, Surface Mount, Aluminum Letter Box (Salsbury 2240AU).....	397.44	17.14
10 55 23 26-0003	EA		15" Wide x 19" High x 6-3/4" Deep, Private Use/Access, Recessed Mount, Aluminum Letter Box (Salsbury 2245AP).....	459.70	17.14
10 55 23 26-0004			Commercial Horizontal Mail Boxes (10 55 23 26)		
			Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0005	BOX		5-1/2" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box.....	79.25	17.14
10 55 23 26-0006	BOX		10-3/4" Wide x 5-1/2" High x 15-1/2" Deep, Private Use/Access, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box.....	169.28	22.85
10 55 23 26-0007	BOX		6-3/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box.....	102.36	14.28
10 55 23 26-0008	BOX		12-7/8" Wide x 5" High x 17" Deep, US Postal Service Approved, Wall Mount, Aluminum Horizontal Mail Boxes, Per Box.....	159.06	22.85
10 55 23 26-0009			Commercial Cluster Mail Boxes (10 55 23 26)		
			Note: Includes locks and keys unless provided by the United States Postal Service. Includes pedestal. Excludes concrete foundation.		
10 55 23 26-0010	EA		13-15/16" Wide" x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H8MNDNCBU5).....	2,045.20	34.28
10 55 23 26-0011	EA		26-15/16" Wide x 24-1/8" High x 15" Deep, Pedestal Mount, Aluminum (NDCBU) Neighborhood Delivery And Collection Mail Box (National Mailboxes H16MNDNCBU8).....	2,422.92	45.70
			Note: Any door combination.		
10 55 23 26-0012	EA		30-1/2" Wide x 62" High x 17-7/8" Deep, 8 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-8).....	3,258.59	45.70
10 55 23 26-0013	EA		30-1/2" Wide x 62" High x 17-7/8" Deep, 12 Tenant Doors, 1 Parcel Locker, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-12).....	3,362.35	45.70
10 55 23 26-0014	EA		30-1/2" Wide x 62" High x 17-7/8" Deep, 16 Tenant Doors, 2 Parcel Lockers, Pedestal Mount, Aluminum And Stainless Steel Construction, (CBU) Cluster Mail Box (AF Florence Vital 1570-16).....	3,517.99	45.70
10 55 23 26-0015			Commercial 4C Mail Boxes (10 55 23 26)		
			Note: Includes locks and keys unless provided by the United States Postal Service.		
10 55 23 26-0016	EA		31-9/16" Wide x 40-3/4" High x 17" Deep, 9 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11S-09).....	1,774.80	45.70
10 55 23 26-0017	EA		31-9/16" Wide x 40-3/4" High x 17" Deep, 15 Doors, 1 Parcel Locker, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-15).....	3,123.93	45.70
10 55 23 26-0018	EA		31-9/16" Wide x 40-3/4" High x 17" Deep, 19 Doors, Recessed Wall Mount, Aluminum 4C Mail Box (AF Florence 4C11D-19).....	3,248.45	45.70
10 55 26			Parcel Lockers (10 55)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 55 26 00-0001 Parcel Lockers <small>(10 55 26)</small>		
10 55 26 00-0002 EA 24" x 14" x 15" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,520.18	34.28
10 55 26 00-0003 EA 48" x 16" x 18" Deep, Aluminum Pedestal Mounted Parcel Locker Note: Two compartments.	1,807.17	45.70
10 56 Storage Assemblies <small>(10 50)</small>		
10 56 13 Metal Storage Shelving <small>(10 56)</small>		
10 56 13 16 Post-And-Shelf Metal Storage Shelving <small>(10 56 13)</small>		
10 56 13 16-0001 Baked Enamel Steel Shelving <small>(10 56 13 16)</small>		
10 56 13 16-0002 7 Shelf Unit, 72" Or 87" High, Full Unit, Open Type <small>(10 56 13 16-0001)</small>		
10 56 13 16-0003 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 10" Wide Shelf <i>For >75" To 87" High, Add</i>	164.12 14.56	20.91
10 56 13 16-0004 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 12" Wide Shelf <i>For >75" To 87" High, Add</i>	164.01 14.44	21.96
10 56 13 16-0005 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 15" Wide Shelf <i>For >75" To 87" High, Add</i>	156.62 13.54	24.05
10 56 13 16-0006 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 18" Wide Shelf <i>For >75" To 87" High, Add</i>	200.87 17.82	26.14
10 56 13 16-0007 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 24" Wide Shelf <i>For >75" To 87" High, Add</i>	225.68 20.15	27.18
10 56 13 16-0008 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 30" Wide Shelf <i>For >75" To 87" High, Add</i>	216.57 19.09	29.28
10 56 13 16-0009 LF 75" High Baked Enamel Steel Storage Shelving 7 Shelf, Open With 36" Wide Shelf <i>For >75" To 87" High, Add</i>	241.13 21.39	31.36
10 56 13 16-0010 3 Shelf Unit, 32" High Base Unit Only, Fully Enclosed <small>(10 56 13 16-0001)</small> Note: Adjustable shelves.		
10 56 13 16-0011 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 10" Wide Shelf	120.00	10.66
10 56 13 16-0012 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 12" Wide Shelf	118.38	11.40
10 56 13 16-0013 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 15" Wide Shelf	133.25	12.12
10 56 13 16-0014 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 18" Wide Shelf	138.49	12.86
10 56 13 16-0015 LF 32" High Baked Enamel Steel Storage Shelving 3 Shelf, Enclosed With 24" Wide Shelf	159.94	13.70
10 56 13 16-0016 4 Shelf Unit, 40" High Unit <small>(10 56 13 16-0001)</small>		
10 56 13 16-0017 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 10" Wide Shelf	138.09	20.91
10 56 13 16-0018 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 12" Wide Shelf	110.63	21.96
10 56 13 16-0019 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 15" Wide Shelf	127.29	24.05
10 56 13 16-0020 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 18" Wide Shelf	134.07	26.14
10 56 13 16-0021 LF 40" High Baked Enamel Steel Storage Shelving 4 Shelf, Enclosed With 24" Wide Shelf	153.79	27.18
10 56 16 Fabricated Wood Storage Shelving <small>(10 56)</small>		
10 56 16 00-0001 Shelving <small>(10 56 16)</small>		
10 56 16 00-0002 Built-In Wood Shelving <small>(10 56 16 00-0001)</small> Note: Priced by shelf area. Includes hardware and trim.		
10 56 16 00-0003 SF Built-in Wood Storage Shelving Post And Trimmed Plywood <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	22.86 0.69 2.32	2.88
10 56 16 00-0004 SF Built-in Wood Storage Shelving Post And Solid Clear Pine <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	24.63 0.69 2.32	3.46
10 56 16 00-0005 SF Built-in Wood Storage Shelving Closet Shelf Of Pine With Rod <i>For Each SF Of Lumber Edge Band, Add</i> <i>For Each SF Of Prefinished Shelves, Add</i>	24.97 0.69 2.32	5.77
10 56 16 00-0006 Wood Shelving, White Pine, Clear Grade, Wall Mounted <small>(10 56 16 00-0001)</small>		
10 56 16 00-0007 LF 1" x 8" White Pine Clear Grade Wood Shelving.....	18.81	6.91
10 56 16 00-0008 LF 1" x 10" White Pine Clear Grade Wood Shelving.....	20.71	7.38
10 56 16 00-0009 LF 1" x 12" White Pine Clear Grade Wood Shelving.....	22.83	7.95
10 56 16 00-0010 SF Wood Shelving, 2" White Pine Clear Grade.....	29.99	
10 56 16 00-0011 Plywood Shelf With Edge Band <small>(10 56 16 00-0001)</small>		
10 56 16 00-0012 LF 12" Wide, 3/4" Plywood Shelf With Edge Band.....	23.34	6.91
10 56 16 00-0013 LF 24" Wide, 3/4" Plywood Shelf With Edge Band.....	36.87	8.65
10 56 16 00-0014 Adjustable Shelf And Rod <small>(10 56 16 00-0001)</small>		
10 56 16 00-0015 EA 12" Wide Adjustable Shelf, 3' To 6' Long Note: Including Rod	215.07	25.94
10 56 16 00-0016 EA 12" Wide Adjustable Shelf, 5' To 8' Long Note: Including Rod	252.80	34.58

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 16 00-0017			Prefinished Wood Shelves With Brackets And Supports (10 56 16 00-0001)		
10 56 16 00-0018	LF		Prefinished Wood Shelves, 8" Wide, With Brackets And Supports.....	20.01	6.91
10 56 16 00-0019	LF		Prefinished Wood Shelves, 10" Wide, With Brackets And Supports.....	21.80	7.38
10 56 16 00-0020	SF		Adjustable 3/4" Plastic Laminated Wood Shelves, Recessed Metal Standards.....	70.26	11.52
10 56 16 00-0021			Wood Shelving, Oak, Clear Grade, Wall Mounted (10 56 16 00-0001)		
10 56 16 00-0022	LF		Wood Shelving, 1" X 8" Oak Clear Grade.....	22.82	10.83
10 56 17			Wall-Mounted Standards and Shelving (10 56)		
10 56 17 00-0001			Galvanized Steel, Wall Mounted Solid Shelving (10 56 17)		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0002	LF		8" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	87.57	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0003	LF		10" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	90.69	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0004	LF		12" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	97.94	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0005	LF		16" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	107.29	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0006	LF		18" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	109.61	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0007	LF		24" Depth, 18 Gauge Galvanized Steel, Wall Mounted Solid Shelving.....	129.66	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0008			304 Stainless Steel, Wall Mounted Solid Shelving (10 56 17)		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0009	LF		8" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	144.40	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0010	LF		10" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	158.59	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0011	LF		12" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	172.85	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0012	LF		16" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	205.62	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0013	LF		18" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	225.02	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0014	LF		24" Depth, 18 Gauge 304 Stainless Steel, Wall Mounted Solid Shelving.....	253.04	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0015			Laminated Particleboard, Wall Mounted Solid Shelving (10 56 17)		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0016	LF		8" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	58.06	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0017	LF		10" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	60.17	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0018	LF		12" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	62.73	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0019	LF		16" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	66.44	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0020	LF		18" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	70.93	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0021	LF		24" Depth, Laminated Particleboard, Wall Mounted Solid Shelving.....	83.00	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	
10 56 17 00-0022			Chrome Plated Steel, Wall Mounted Wire Shelving (10 56 17)		
			Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0023	LF		14" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving.....	85.59	11.42
			For Installation On Concrete Walls, Add	3.28	
			For Installation On Concrete Block Walls, Add	4.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 56 17 00-0024	LF		18" Depth, Chrome Plated Steel, Wall Mounted Wire Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	96.51 3.28 4.40	11.42
10 56 17 00-0025			Stainless Steel, Wall Mounted Wire Shelving <small>(10 56 17)</small> Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0026	LF		14" Depth, Stainless Steel, Wall Mounted Wire Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	204.29 3.28 4.40	11.42
10 56 17 00-0027	LF		18" Depth, Stainless Steel, Wall Mounted Wire Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	212.66 3.28 4.40	11.42
10 56 17 00-0028			Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <small>(10 56 17)</small> Note: Price per shelf. Includes single shelf, standards, brackets and mounting hardware. Excludes blocking.		
10 56 17 00-0029	LF		8" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	59.25 4.52 5.64	11.42
10 56 17 00-0030	LF		10" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	60.66 4.55 5.67	11.42
10 56 17 00-0031	LF		12" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	61.57 4.57 5.69	11.42
10 56 17 00-0032	LF		16" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	64.87 4.63 5.75	11.42
10 56 17 00-0033	LF		18" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	66.55 4.65 5.77	11.42
10 56 17 00-0034	LF		24" Depth, Prefinished Hardwood Plywood, Wall Mounted Solid Shelving <i>For Installation On Concrete Walls, Add</i> <i>For Installation On Concrete Block Walls, Add</i>	71.62 4.73 5.85	11.42
10 56 17 00-0035			Wall Mounted Shelving Accessories <small>(10 56 17)</small>		
10 56 17 00-0036	LF		Removal And Reinstallation Of Single Shelf Metal Storage Shelving Unit.....	34.23	
10 57			Wardrobe And Closet Specialties <small>(10 50)</small>		
10 57 13			Hat And Coat Racks <small>(10 57)</small>		
10 57 13 00-0001			Hat And Coat Rack <small>(10 57 13)</small>		
10 57 13 00-0002			Single Tier <small>(10 57 13 00-0001)</small>		
10 57 13 00-0003	LF		Single Tier Hat And Coat Rack Baked Enameled Steel..... <i>For Custom Made Units, Add</i>	75.92 36.47	5.72
10 57 13 00-0004	LF		Single Tier Hat And Coat Rack Stainless Steel <i>For Custom Made Units, Add</i>	50.53 21.23	5.72
10 57 13 00-0005	LF		Single Tier Hat And Coat Rack Aluminum <i>For Custom Made Units, Add</i>	141.35 75.72	5.72
10 57 13 00-0006			Double Tier <small>(10 57 13 00-0001)</small>		
10 57 13 00-0007	LF		Double Tier Hat And Coat Rack Baked Enameled Steel <i>For Custom Made Units, Add</i>	102.39 50.20	5.72
10 57 13 00-0008	LF		Double Tier Hat And Coat Rack Stainless Steel <i>For Custom Made Units, Add</i>	56.66 22.76	5.72
10 57 13 00-0009	LF		Double Tier Hat And Coat Rack Aluminum <i>For Custom Made Units, Add</i>	242.53 134.29	5.72
10 57 43			Wardrobe Units <small>(10 57)</small>		
10 57 43 00-0001			Dormitory Wardrobe Units <small>(10 57 43)</small>		
10 57 43 00-0002	EA		24" x 24" x 68" Hardwood Veneer Dormitory Wardrobe Unit With Door <i>For Custom Made Units, Add</i>	2,082.58 1,101.43	211.61
10 57 43 00-0003	EA		24" x 24" x 68" Plastic Laminate Dormitory Wardrobe Unit With Door..... <i>For Custom Made Units, Add</i>	1,595.16 808.98	211.61
10 57 43 00-0004			Wardrobe Units <small>(10 57 43)</small>		
10 57 43 00-0005			Teachers Wardrobe Units <small>(10 57 43 00-0004)</small> Note: Includes shelf, clothes pole and mirror, lockable door and hardware.		
10 57 43 00-0006	CF		Baked Enamel Steel Teacher Wardrobe Unit With Door <i>For Open Wardrobe Units Without Door, Deduct</i> <i>For Custom Made Units, Add</i>	54.54 -5.98 26.89	4.17
10 57 43 00-0007	CF		Hardwood Teacher Wardrobe Unit With Door <i>For Open Wardrobe Units Without Door, Deduct</i> <i>For Custom Made Units, Add</i>	38.87 -4.03 17.49	4.17

10 Specialties**10 50 Storage Specialties****10 57 Wardrobe And Closet Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 57 43 00-0008	CF		Stainless Steel Teacher Wardrobe Unit With Door	93.85	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-10.90	
			<i>For Custom Made Units, Add</i>	50.48	
10 57 43 00-0009	CF		Plastic Laminate Teacher Wardrobe Unit With Door	128.41	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-15.22	
			<i>For Custom Made Units, Add</i>	71.22	
10 57 43 00-0010	CF		Birch Veneer Teacher Wardrobe Unit With Door	46.05	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-4.92	
			<i>For Custom Made Units, Add</i>	21.80	
10 57 43 00-0011	CF		Oak Veneer Teacher Wardrobe Unit With Door	60.75	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-6.76	
			<i>For Custom Made Units, Add</i>	30.62	
10 57 43 00-0012	CF		Walnut Veneer Teacher Wardrobe Unit With Door	68.08	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-7.68	
			<i>For Custom Made Units, Add</i>	35.02	
10 57 43 00-0013			Students Wardrobe Units <small>(10 57 43 00-0004)</small>		
			Note: With continuous shelf, two rows of coat hooks, door and hardware.		
10 57 43 00-0014	CF		Baked Enamel Steel Student Wardrobe Unit With Door	51.70	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-5.63	
			<i>For Custom Made Units, Add</i>	25.19	
10 57 43 00-0015	CF		Hardwood Student Wardrobe Unit With Door	37.20	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-3.82	
			<i>For Custom Made Units, Add</i>	16.49	
10 57 43 00-0016	CF		Stainless Steel Student Wardrobe Unit With Door	88.06	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-10.17	
			<i>For Custom Made Units, Add</i>	47.01	
10 57 43 00-0017	CF		Plastic Laminate Student Wardrobe Unit With Door	120.03	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-14.17	
			<i>For Custom Made Units, Add</i>	66.19	
10 57 43 00-0018	CF		Birch Veneer Student Wardrobe Unit With Door	43.84	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-4.65	
			<i>For Custom Made Units, Add</i>	20.47	
10 57 43 00-0019	CF		Oak Veneer Student Wardrobe Unit With Door	57.42	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-6.34	
			<i>For Custom Made Units, Add</i>	28.62	
10 57 43 00-0020	CF		Walnut Veneer Student Wardrobe Unit With Door	64.22	4.17
			<i>For Open Wardrobe Units Without Door, Deduct</i>	-7.19	
			<i>For Custom Made Units, Add</i>	32.70	
10 57 43 00-0021			Materials Cabinet Units <small>(10 57 43 00-0004)</small>		
			Note: With multiple shelves, lockable door and hardware.		
10 57 43 00-0022	CF		Baked Enamel Steel Materials Cabinet Unit With Door	56.25	8.34
10 57 43 00-0023	CF		Hardwood Materials Cabinet Unit With Door	39.87	8.34
10 57 43 00-0024	CF		Stainless Steel Materials Cabinet Unit With Door	97.32	8.34
10 57 43 00-0025	CF		Plastic Laminate Materials Cabinet Unit With Door	133.44	8.34
10 57 43 00-0026	CF		Birch Veneer Materials Cabinet Unit With Door	47.37	8.34
10 57 43 00-0027	CF		Oak Veneer Materials Cabinet Unit With Door	62.73	8.34
10 57 43 00-0028	CF		Walnut Veneer Materials Cabinet Unit With Door	70.40	8.34
10 57 43 00-0029			Accessories <small>(10 57 43 00-0004)</small>		
10 57 43 00-0030	EA		Single Prong Wardrobe Closet Hooks	50.11	8.57
			Note: Height 1 1/8", Width 1 1/8", satin chrome finish, wall mount, 1" projection.		
10 57 43 00-0031			Movable Wardrobe Racks <small>(10 57 43 00-0004)</small>		
10 57 43 00-0032	EA		60" Long x 20" Wide, Movable Wardrobe Rack, 54" To 74" Adjustable Height	218.19	

10 70 Exterior Specialties (10)**10 71 Exterior Protection** (10 70)**10 71 13 Exterior Sun Control Devices** (10 71)**10 71 13 13 Exterior Shutters** (10 71 13)**10 71 13 13-0001 Exterior Shutters, High Impact Resistant Plastic, Unfinished** (10 71 13 13)**10 71 13 13-0002 Raised Panel Decorative Shutters** (10 71 13 13-0001)

10 71 13 13-0003	PR		15" x 35" Raised Panel Shutter, High Impact Resistant Plastic	162.92	37.98
			<i>For Colored Finish, Add</i>	20.21	
10 71 13 13-0004	PR		15" x 39" Raised Panel Shutter, High Impact Resistant Plastic	174.67	39.71
			<i>For Colored Finish, Add</i>	21.91	
10 71 13 13-0005	PR		15" x 43" Raised Panel Shutter, High Impact Resistant Plastic	182.37	41.43
			<i>For Colored Finish, Add</i>	22.88	
10 71 13 13-0006	PR		15" x 47" Raised Panel Shutter, High Impact Resistant Plastic	194.48	43.16
			<i>For Colored Finish, Add</i>	24.65	
10 71 13 13-0007	PR		15" x 51" Raised Panel Shutter, High Impact Resistant Plastic	204.84	44.89
			<i>For Colored Finish, Add</i>	26.10	
10 71 13 13-0008	PR		15" x 55" Raised Panel Shutter, High Impact Resistant Plastic	214.63	46.62
			<i>For Colored Finish, Add</i>	27.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71	13	13-0009	PR 15" x 59" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	227.92 29.42	48.34
10 71	13	13-0010	PR 15" x 63" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	245.49 32.17	50.07
10 71	13	13-0011	PR 15" x 67" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	257.77 33.97	51.80
10 71	13	13-0012	PR 15" x 71" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	271.62 36.05	53.52
10 71	13	13-0013	PR 15" x 75" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	276.15 36.45	55.25
10 71	13	13-0014	PR 15" x 81" Raised Panel Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	286.10 37.82	56.98
10 71 13 13-0015 Louvered Decorative Shutters (10 71 13 13-0001)					
10 71	13	13-0016	PR 15" x 25" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	115.40 12.48	34.53
10 71	13	13-0017	PR 15" x 31" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	125.17 13.83	36.25
10 71	13	13-0018	PR 15" x 36" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	134.99 15.18	37.98
10 71	13	13-0019	PR 15" x 39" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	143.92 16.38	39.71
10 71	13	13-0020	PR 15" x 43" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	154.06 17.79	41.43
10 71	13	13-0021	PR 15" x 48" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	164.64 19.27	43.16
10 71	13	13-0022	PR 15" x 52" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	171.80 20.15	44.89
10 71	13	13-0023	PR 15" x 55" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	179.78 21.17	46.62
10 71	13	13-0024	PR 15" x 60" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	190.50 22.69	48.34
10 71	13	13-0025	PR 15" x 64" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	204.87 24.86	50.07
10 71	13	13-0026	PR 15" x 67" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	211.65 25.67	51.80
10 71	13	13-0027	PR 15" x 72" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	229.71 28.50	53.52
10 71	13	13-0028	PR 15" x 75" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	236.43 29.30	55.25
10 71	13	13-0029	PR 15" x 80" Louvered Shutter, High Impact Resistant Plastic <i>For Colored Finish, Add</i>	248.99 31.14	56.98
10 71 13 13-0030 Exterior Spanish Cedar Shutters (10 71 13 13)					
10 71 13 13-0031 12" Width (10 71 13 13-0030)					
10 71	13	13-0032	PR 12" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	455.59 150.00	34.53
10 71	13	13-0033	PR 12" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	492.31 150.00	37.98
10 71	13	13-0034	PR 12" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	526.72 150.00	39.71
10 71	13	13-0035	PR 12" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	563.46 150.00	43.16
10 71	13	13-0036	PR 12" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	597.87 150.00	44.89
10 71	13	13-0037	PR 12" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	637.26 150.00	48.34
10 71	13	13-0038	PR 12" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	671.70 150.00	50.07
10 71	13	13-0039	PR 12" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	706.11 150.00	51.80
10 71	13	13-0040	PR 12" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	742.85 150.00	55.25
10 71 13 13-0041 14" Width (10 71 13 13-0030)					
10 71	13	13-0042	PR 14" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	482.35 150.00	34.53
10 71	13	13-0043	PR 14" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	524.43 150.00	37.98
10 71	13	13-0044	PR 14" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	564.20 150.00	39.71
10 71	13	13-0045	PR 14" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	606.28 150.00	43.16
10 71	13	13-0046	PR 14" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	646.05 150.00	44.89
10 71	13	13-0047	PR 14" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	688.12 150.00	48.34
10 71	13	13-0048	PR 14" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	727.91 150.00	50.07
10 71	13	13-0049	PR 14" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	765.00 150.00	51.80

10	Specialties
10 70	Exterior Specialties
10 71	Exterior Protection

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0050	PR		14" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	807.09 150.00	55.25
10 71 13 13-0051			16" Width <small>(10 71 13 13-0030)</small>		
10 71 13 13-0052	PR		16" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	511.80 150.00	34.53
10 71 13 13-0053	PR		16" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	556.55 150.00	37.98
10 71 13 13-0054	PR		16" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	601.67 150.00	39.71
10 71 13 13-0055	PR		16" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	646.43 150.00	43.16
10 71 13 13-0056	PR		16" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	691.55 150.00	44.89
10 71 13 13-0057	PR		16" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	738.98 150.00	48.34
10 71 13 13-0058	PR		16" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	781.45 150.00	50.07
10 71 13 13-0059	PR		16" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	826.57 150.00	51.80
10 71 13 13-0060	PR		16" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	874.00 150.00	55.25
10 71 13 13-0061			18" Width <small>(10 71 13 13-0030)</small>		
10 71 13 13-0062	PR		18" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	538.56 150.00	34.53
10 71 13 13-0063	PR		18" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	588.67 150.00	37.98
10 71 13 13-0064	PR		18" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	639.15 150.00	39.71
10 71 13 13-0065	PR		18" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	689.26 150.00	43.16
10 71 13 13-0066	PR		18" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	737.06 150.00	44.89
10 71 13 13-0067	PR		18" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	789.84 150.00	48.34
10 71 13 13-0068	PR		18" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	837.65 150.00	50.07
10 71 13 13-0069	PR		18" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	888.13 150.00	51.80
10 71 13 13-0070	PR		18" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	938.24 150.00	55.25
10 71 13 13-0071			20" Width <small>(10 71 13 13-0030)</small>		
10 71 13 13-0072	PR		20" x 36" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	565.33 150.00	34.53
10 71 13 13-0073	PR		20" x 42" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	620.79 150.00	37.98
10 71 13 13-0074	PR		20" x 48" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	673.94 150.00	39.71
10 71 13 13-0075	PR		20" x 54" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	732.09 150.00	43.16
10 71 13 13-0076	PR		20" x 60" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	785.24 150.00	44.89
10 71 13 13-0077	PR		20" x 66" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	840.69 150.00	48.34
10 71 13 13-0078	PR		20" x 72" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	893.87 150.00	50.07
10 71 13 13-0079	PR		20" x 78" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	947.02 150.00	51.80
10 71 13 13-0080	PR		20" x 84" Spanish Cedar Raised Panel Or Louvered Shutter <i>For Arched Tops, Add</i>	1,002.48 150.00	55.25
10 71 13 13-0081			Heavy Duty Exterior True Louver Shutters, Western Red Cedar <small>(10 71 13 13)</small>		
10 71 13 13-0082			12" Width <small>(10 71 13 13-0081)</small>		
10 71 13 13-0083	PR		12" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	516.20 150.00	34.53
10 71 13 13-0084	PR		12" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	549.78 150.00	36.25
10 71 13 13-0085	PR		12" x 44" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	599.03 150.00	37.98
10 71 13 13-0086	PR		12" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	632.62 150.00	39.71
10 71 13 13-0087	PR		12" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	681.87 150.00	41.43
10 71 13 13-0088	PR		12" x 56" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	731.12 150.00	43.16
10 71 13 13-0089	PR		12" x 59" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	764.71 150.00	44.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0090	PR		12" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	813.96 150.00	46.62
10 71 13 13-0091	PR		12" x 68" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	863.20 150.00	48.34
10 71 13 13-0092	PR		12" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	912.44 150.00	50.07
10 71 13 13-0093	PR		12" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	946.04 150.00	51.80
10 71 13 13-0094	PR		12" x 80" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	995.29 150.00	53.52
10 71 13 13-0095	PR		12" x 83" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,028.88 150.00	55.25
10 71 13 13-0096 14" Width <small>(10 71 13 13-0081)</small>					
10 71 13 13-0097	PR		14" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	579.65 150.00	34.53
10 71 13 13-0098	PR		14" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	618.46 150.00	36.25
10 71 13 13-0099	PR		14" x 44" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	675.53 150.00	37.98
10 71 13 13-0100	PR		14" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	714.34 150.00	39.71
10 71 13 13-0101	PR		14" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	771.41 150.00	41.43
10 71 13 13-0102	PR		14" x 56" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	828.48 150.00	43.16
10 71 13 13-0103	PR		14" x 59" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	867.28 150.00	44.89
10 71 13 13-0104	PR		14" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	924.36 150.00	46.62
10 71 13 13-0105	PR		14" x 68" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	981.42 150.00	48.34
10 71 13 13-0106	PR		14" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,038.50 150.00	50.07
10 71 13 13-0107	PR		14" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,077.30 150.00	51.80
10 71 13 13-0108	PR		14" x 80" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,134.38 150.00	53.52
10 71 13 13-0109	PR		14" x 83" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,173.18 150.00	55.25
10 71 13 13-0110 15" Width <small>(10 71 13 13-0081)</small>					
10 71 13 13-0111	PR		15" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	611.38 150.00	34.53
10 71 13 13-0112	PR		15" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	652.79 150.00	36.25
10 71 13 13-0113	PR		15" x 44" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	713.78 150.00	37.98
10 71 13 13-0114	PR		15" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	755.20 150.00	39.71
10 71 13 13-0115	PR		15" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	816.18 150.00	41.43
10 71 13 13-0116	PR		15" x 56" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	877.16 150.00	43.16
10 71 13 13-0117	PR		15" x 59" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	918.57 150.00	44.89
10 71 13 13-0118	PR		15" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	979.56 150.00	46.62
10 71 13 13-0119	PR		15" x 68" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,040.53 150.00	48.34
10 71 13 13-0120	PR		15" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,101.53 150.00	50.07
10 71 13 13-0121	PR		15" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,142.93 150.00	51.80
10 71 13 13-0122	PR		15" x 80" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,203.92 150.00	53.52
10 71 13 13-0123	PR		15" x 83" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,245.33 150.00	55.25
10 71 13 13-0124 16" Width <small>(10 71 13 13-0081)</small>					
10 71 13 13-0125	PR		16" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	643.11 150.00	34.53
10 71 13 13-0126	PR		16" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	676.26 150.00	36.25
10 71 13 13-0127	PR		16" x 44" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	752.03 150.00	37.98
10 71 13 13-0128	PR		16" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	796.06 150.00	39.71
10 71 13 13-0129	PR		16" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	860.95 150.00	41.43
10 71 13 13-0130	PR		16" x 56" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	925.84 150.00	43.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13	13-0131	PR	16" x 59" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	969.86 150.00	44.89
10 71 13	13-0132	PR	16" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,034.76 150.00	46.62
10 71 13	13-0133	PR	16" x 68" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,099.64 150.00	48.34
10 71 13	13-0134	PR	16" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,164.55 150.00	50.07
10 71 13	13-0135	PR	16" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,208.57 150.00	51.80
10 71 13	13-0136	PR	16" x 80" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,273.47 150.00	53.52
10 71 13	13-0137	PR	16" x 83" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,317.48 150.00	55.25
10 71 13	13-0138		18" Width <small>(10 71 13 13-0081)</small>		
10 71 13	13-0139	PR	18" x 36-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	706.57 150.00	34.53
10 71 13	13-0140	PR	18" x 39-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	755.80 150.00	36.25
10 71 13	13-0141	PR	18" x 44" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	828.53 150.00	37.98
10 71 13	13-0142	PR	18" x 47" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	877.77 150.00	39.71
10 71 13	13-0143	PR	18" x 51-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	950.48 150.00	41.43
10 71 13	13-0144	PR	18" x 56" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,023.21 150.00	43.16
10 71 13	13-0145	PR	18" x 59" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,072.44 150.00	44.89
10 71 13	13-0146	PR	18" x 63-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,145.16 150.00	46.62
10 71 13	13-0147	PR	18" x 68" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,217.87 150.00	48.34
10 71 13	13-0148	PR	18" x 72-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,290.60 150.00	50.07
10 71 13	13-0149	PR	18" x 75-1/2" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,339.83 150.00	51.80
10 71 13	13-0150	PR	18" x 80" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,412.55 150.00	53.52
10 71 13	13-0151	PR	18" x 83" Louver Shutter, Heavy Duty Red Cedar <i>For Arched Tops, Add</i>	1,461.79 150.00	55.25
10 71 13	13-0152		Exterior Cypress Fixed Louver Wood Shutters <small>(10 71 13 13)</small>		
10 71 13	13-0153		6" Through 8" Width <small>(10 71 13 13-0152)</small>		
10 71 13	13-0154	PR	6" Thru 8" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	644.05 65.00	32.80
10 71 13	13-0155	PR	6" Thru 8" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	725.12 65.00	33.72
10 71 13	13-0156	PR	6" Thru 8" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	806.42 65.00	34.53
10 71 13	13-0157	PR	6" Thru 8" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	888.73 65.00	36.25
10 71 13	13-0158	PR	6" Thru 8" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	971.09 65.00	37.98
10 71 13	13-0159	PR	6" Thru 8" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,053.42 65.00	39.71
10 71 13	13-0160	PR	6" Thru 8" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,135.75 65.00	41.43
10 71 13	13-0161	PR	6" Thru 8" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,218.11 65.00	43.16
10 71 13	13-0162	PR	6" Thru 8" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,300.45 65.00	44.89
10 71 13	13-0163	PR	6" Thru 8" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,382.77 65.00	46.62
10 71 13	13-0164	PR	6" Thru 8" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,465.12 65.00	48.34
10 71 13	13-0165	PR	6" Thru 8" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,547.47 65.00	50.07
10 71 13	13-0166	PR	6" Thru 8" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,629.81 65.00	51.80
10 71 13	13-0167	PR	6" Thru 8" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	1,712.17 65.00	53.52
10 71 13	13-0168		10" Through 12" Width <small>(10 71 13 13-0152)</small>		
10 71 13	13-0169	PR	10" Thru 12" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	749.98 65.00	32.80
10 71 13	13-0170	PR	10" Thru 12" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	845.27 65.00	33.72
10 71 13	13-0171	PR	10" Thru 12" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter <i>For Arched Tops, Add</i>	940.61 65.00	34.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0172 PR 10" Thru 12" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,037.07	36.25
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0173 PR 10" Thru 12" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,133.52	37.98
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0174 PR 10" Thru 12" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,229.99	39.71
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0175 PR 10" Thru 12" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,326.47	41.43
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0176 PR 10" Thru 12" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,422.92	43.16
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0177 PR 10" Thru 12" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,519.38	44.89
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0178 PR 10" Thru 12" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	1,615.87	46.62
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0179 PR 10" Thru 12" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	1,712.30	48.34
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0180 PR 10" Thru 12" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	1,808.79	50.07
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0181 PR 10" Thru 12" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	1,905.22	51.80
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0182 PR 10" Thru 12" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,001.71	53.52
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0183 14" Through 16" Width <small>(10 71 13 13-0152)</small>		
10 71 13 13-0184 PR 14" Thru 16" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	985.38	32.80
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0185 PR 14" Thru 16" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,112.09	33.72
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0186 PR 14" Thru 16" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,238.77	34.53
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0187 PR 14" Thru 16" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,366.61	36.25
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0188 PR 14" Thru 16" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,494.48	37.98
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0189 PR 14" Thru 16" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,622.33	39.71
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0190 PR 14" Thru 16" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,750.19	41.43
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0191 PR 14" Thru 16" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	1,878.05	43.16
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0192 PR 14" Thru 16" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	1,880.34	44.89
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0193 PR 14" Thru 16" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,133.76	46.62
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0194 PR 14" Thru 16" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,261.60	48.34
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0195 PR 14" Thru 16" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,389.45	50.07
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0196 PR 14" Thru 16" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,517.29	51.80
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0197 PR 14" Thru 16" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,645.15	53.52
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0198 18" Through 20" Width <small>(10 71 13 13-0152)</small>		
10 71 13 13-0199 PR 18" Thru 20" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter	1,103.07	32.80
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0200 PR 18" Thru 20" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,245.48	33.72
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0201 PR 18" Thru 20" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,387.87	34.53
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0202 PR 18" Thru 20" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	1,530.10	36.25
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0203 PR 18" Thru 20" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	1,674.96	37.98
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0204 PR 18" Thru 20" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	1,818.52	39.71
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0205 PR 18" Thru 20" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	1,962.04	41.43
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0206 PR 18" Thru 20" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,105.62	43.16
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0207 PR 18" Thru 20" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,249.13	44.89
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0208 PR 18" Thru 20" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	2,392.71	46.62
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0209 PR 18" Thru 20" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	2,536.22	48.34
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0210 PR 18" Thru 20" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	2,679.80	50.07
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0211 PR 18" Thru 20" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	2,823.32	51.80
<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0212 PR 18" Thru 20" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	2,966.89	53.52
<i>For Arched Tops, Add</i>	65.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0213			22" Through 24" Width <small>(10 71 13 13-0152)</small>		
10 71 13 13-0214	PR		22" Thru 24" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter.....	1,456.19	32.80
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0215	PR		22" Thru 24" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,645.65	33.72
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0216	PR		22" Thru 24" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	1,835.16	34.53
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0217	PR		22" Thru 24" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	2,025.77	36.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0218	PR		22" Thru 24" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	2,216.39	37.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0219	PR		22" Thru 24" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	2,407.04	39.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0220	PR		22" Thru 24" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,597.65	41.43
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0221	PR		22" Thru 24" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	2,788.28	43.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0222	PR		22" Thru 24" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	2,978.92	44.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0223	PR		22" Thru 24" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	3,169.54	46.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0224	PR		22" Thru 24" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	3,360.15	48.34
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0225	PR		22" Thru 24" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	3,550.82	50.07
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0226	PR		22" Thru 24" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	3,741.42	51.80
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0227	PR		22" Thru 24" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	3,932.05	53.52
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0228			26" Through 28" Width <small>(10 71 13 13-0152)</small>		
10 71 13 13-0229	PR		26" Thru 28" Width x Thru 30" Height Cypress Fixed Louver Wood Shutter.....	1,668.05	32.80
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0230	PR		26" Thru 28" Width x 30-1/8" Thru 34" Height Cypress Fixed Louver Wood Shutter	1,885.76	33.72
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0231	PR		26" Thru 28" Width x 34-1/8" Thru 38" Height Cypress Fixed Louver Wood Shutter	2,103.52	34.53
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0232	PR		26" Thru 28" Width x 38-1/8" Thru 42" Height Cypress Fixed Louver Wood Shutter	2,322.38	36.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0233	PR		26" Thru 28" Width x 42-1/8" Thru 46" Height Cypress Fixed Louver Wood Shutter	2,541.26	37.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0234	PR		26" Thru 28" Width x 46-1/8" Thru 50" Height Cypress Fixed Louver Wood Shutter	2,760.16	39.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0235	PR		26" Thru 28" Width x 50-1/8" Thru 54" Height Cypress Fixed Louver Wood Shutter	2,979.03	41.43
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0236	PR		26" Thru 28" Width x 54-1/8" Thru 58" Height Cypress Fixed Louver Wood Shutter	3,197.90	43.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0237	PR		26" Thru 28" Width x 58-1/8" Thru 62" Height Cypress Fixed Louver Wood Shutter	3,416.79	44.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0238	PR		26" Thru 28" Width x 62-1/8" Thru 66" Height Cypress Fixed Louver Wood Shutter	3,635.64	46.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0239	PR		26" Thru 28" Width x 66-1/8" Thru 70" Height Cypress Fixed Louver Wood Shutter	3,854.50	48.34
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0240	PR		26" Thru 28" Width x 70-1/8" Thru 74" Height Cypress Fixed Louver Wood Shutter	4,073.42	50.07
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0241	PR		26" Thru 28" Width x 74-1/8" Thru 78" Height Cypress Fixed Louver Wood Shutter	4,292.27	51.80
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0242	PR		26" Thru 28" Width x 78-1/8" Thru 82" Height Cypress Fixed Louver Wood Shutter	4,511.12	53.52
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0243			Pine Louvered Shutters <small>(10 71 13 13)</small>		
10 71 13 13-0244			12" Width <small>(10 71 13 13-0243)</small>		
10 71 13 13-0245	PR		12" x 35" Pine Louvered Shutter	368.42	34.53
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0246	PR		12" x 39" Pine Louvered Shutter	384.36	36.25
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0247	PR		12" x 43" Pine Louvered Shutter	400.14	37.98
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0248	PR		12" x 47" Pine Louvered Shutter	415.98	39.71
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0249	PR		12" x 51" Pine Louvered Shutter	431.77	41.43
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0250	PR		12" x 55" Pine Louvered Shutter	447.62	43.16
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0251	PR		12" x 59" Pine Louvered Shutter	463.49	44.89
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0252	PR		12" x 63" Pine Louvered Shutter	479.46	46.62
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0253	PR		12" x 67" Pine Louvered Shutter	495.30	48.34
			<i>For Arched Tops, Add</i>	65.00	
10 71 13 13-0254	PR		12" x 71" Pine Louvered Shutter	511.20	50.07
			<i>For Arched Tops, Add</i>	65.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0255 PR 12" x 75" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	527.04 65.00	51.80
10 71 13 13-0256 14" Width <small>(10 71 13 13-0243)</small>		
10 71 13 13-0257 PR 14" x 35" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	407.35 65.00	34.53
10 71 13 13-0258 PR 14" x 39" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	425.07 65.00	36.25
10 71 13 13-0259 PR 14" x 43" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	442.52 65.00	37.98
10 71 13 13-0260 PR 14" x 47" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	460.14 65.00	39.71
10 71 13 13-0261 PR 14" x 51" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	477.62 65.00	41.43
10 71 13 13-0262 PR 14" x 55" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	495.07 65.00	43.16
10 71 13 13-0263 PR 14" x 59" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	512.65 65.00	44.89
10 71 13 13-0264 PR 14" x 63" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	530.24 65.00	46.62
10 71 13 13-0265 PR 14" x 67" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	547.71 65.00	48.34
10 71 13 13-0266 PR 14" x 71" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	565.28 65.00	50.07
10 71 13 13-0267 PR 14" x 75" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	582.89 65.00	51.80
10 71 13 13-0268 15" Width <small>(10 71 13 13-0243)</small>		
10 71 13 13-0269 PR 15" x 35" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	426.37 65.00	34.53
10 71 13 13-0270 PR 15" x 39" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	444.74 65.00	36.25
10 71 13 13-0271 PR 15" x 43" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	463.20 65.00	37.98
10 71 13 13-0272 PR 15" x 47" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	481.51 65.00	39.71
10 71 13 13-0273 PR 15" x 51" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	499.93 65.00	41.43
10 71 13 13-0274 PR 15" x 55" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	518.32 65.00	43.16
10 71 13 13-0275 PR 15" x 59" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	536.73 65.00	44.89
10 71 13 13-0276 PR 15" x 63" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	555.09 65.00	46.62
10 71 13 13-0277 PR 15" x 67" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	573.42 65.00	48.34
10 71 13 13-0278 PR 15" x 71" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	591.79 65.00	50.07
10 71 13 13-0279 PR 15" x 75" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	610.20 65.00	51.80
10 71 13 13-0280 PR 15" x 81" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	636.63 65.00	53.52
10 71 13 13-0281 16" Width <small>(10 71 13 13-0243)</small>		
10 71 13 13-0282 PR 16" x 35" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	444.48 65.00	34.53
10 71 13 13-0283 PR 16" x 39" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	464.41 65.00	36.25
10 71 13 13-0284 PR 16" x 43" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	484.54 65.00	37.98
10 71 13 13-0285 PR 16" x 47" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	504.59 65.00	39.71
10 71 13 13-0286 PR 16" x 51" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	524.67 65.00	41.43
10 71 13 13-0287 PR 16" x 55" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	544.73 65.00	43.16
10 71 13 13-0288 PR 16" x 59" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	564.66 65.00	44.89
10 71 13 13-0289 PR 16" x 63" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	584.79 65.00	46.62
10 71 13 13-0290 PR 16" x 67" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	604.83 65.00	48.34
10 71 13 13-0291 PR 16" x 71" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	624.93 65.00	50.07
10 71 13 13-0292 PR 16" x 75" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	644.97 65.00	51.80
10 71 13 13-0293 PR 16" x 81" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	664.92 65.00	53.52
10 71 13 13-0294 18" Width <small>(10 71 13 13-0243)</small>		

10 Specialties
10 70 Exterior Specialties
10 71 Exterior Protection



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0295	PR		18" x 35" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	484.32 65.00	34.53
10 71 13 13-0296	PR		18" x 39" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	510.23 65.00	36.25
10 71 13 13-0297	PR		18" x 47" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	554.72 65.00	39.71
10 71 13 13-0298	PR		18" x 55" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	599.31 65.00	43.16
10 71 13 13-0299	PR		18" x 63" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	643.87 65.00	46.62
10 71 13 13-0300	PR		18" x 75" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	740.67 65.00	51.80
10 71 13 13-0301	PR		18" x 81" Pine Louvered Shutter..... <i>For Arched Tops, Add</i>	767.97 65.00	53.52
10 71 13 13-0302 Exterior Cedar Board N' Batten Wood Shutters (10 71 13 13)					
10 71 13 13-0303 8" Through 14" Width (10 71 13 13-0302)					
10 71 13 13-0304	PR		8" Thru 14" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	735.23 65.00	32.80
10 71 13 13-0305	PR		8" Thru 14" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	966.87 65.00	33.72
10 71 13 13-0306	PR		8" Thru 14" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	968.03 65.00	34.53
10 71 13 13-0307	PR		8" Thru 14" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,200.82 65.00	36.25
10 71 13 13-0308	PR		8" Thru 14" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,203.13 65.00	37.98
10 71 13 13-0309	PR		8" Thru 14" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,205.42 65.00	39.71
10 71 13 13-0310	PR		8" Thru 14" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,438.23 65.00	41.43
10 71 13 13-0311	PR		8" Thru 14" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,440.54 65.00	43.16
10 71 13 13-0312	PR		8" Thru 14" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,442.83 65.00	44.89
10 71 13 13-0313	PR		8" Thru 14" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,675.63 65.00	46.62
10 71 13 13-0314	PR		8" Thru 14" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,677.93 65.00	48.34
10 71 13 13-0315	PR		8" Thru 14" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,910.73 65.00	50.07
10 71 13 13-0316	PR		8" Thru 14" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,913.03 65.00	51.80
10 71 13 13-0317	PR		8" Thru 14" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,915.34 65.00	53.52
10 71 13 13-0318	PR		8" Thru 14" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,917.64 65.00	55.25
10 71 13 13-0319 15" Through 16" Width (10 71 13 13-0302)					
10 71 13 13-0320	PR		15" Thru 16" Width x Through 30" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	965.72 65.00	32.80
10 71 13 13-0321	PR		15" Thru 16" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	966.87 65.00	33.72
10 71 13 13-0322	PR		15" Thru 16" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,198.53 65.00	34.53
10 71 13 13-0323	PR		15" Thru 16" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,200.82 65.00	36.25
10 71 13 13-0324	PR		15" Thru 16" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,433.63 65.00	37.98
10 71 13 13-0325	PR		15" Thru 16" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,435.93 65.00	39.71
10 71 13 13-0326	PR		15" Thru 16" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,438.23 65.00	41.43
10 71 13 13-0327	PR		15" Thru 16" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,671.03 65.00	43.16
10 71 13 13-0328	PR		15" Thru 16" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,673.32 65.00	44.89
10 71 13 13-0329	PR		15" Thru 16" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,906.13 65.00	46.62
10 71 13 13-0330	PR		15" Thru 16" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	1,908.42 65.00	48.34
10 71 13 13-0331	PR		15" Thru 16" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	2,141.23 65.00	50.07
10 71 13 13-0332	PR		15" Thru 16" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	2,143.52 65.00	51.80
10 71 13 13-0333	PR		15" Thru 16" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	2,376.33 65.00	53.52
10 71 13 13-0334	PR		15" Thru 16" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter..... <i>For Arched Tops, Add</i>	2,378.62 65.00	55.25
10 71 13 13-0335 17" Through 18" Width (10 71 13 13-0302)					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71	13	13-0336	PR 17" Thru 18" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	965.72 65.00	32.80
10 71	13	13-0337	PR 17" Thru 18" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,197.37 65.00	33.72
10 71	13	13-0338	PR 17" Thru 18" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,198.53 65.00	34.53
10 71	13	13-0339	PR 17" Thru 18" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,431.32 65.00	36.25
10 71	13	13-0340	PR 17" Thru 18" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,433.63 65.00	37.98
10 71	13	13-0341	PR 17" Thru 18" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,666.42 65.00	39.71
10 71	13	13-0342	PR 17" Thru 18" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,668.72 65.00	41.43
10 71	13	13-0343	PR 17" Thru 18" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,901.53 65.00	43.16
10 71	13	13-0344	PR 17" Thru 18" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,903.82 65.00	44.89
10 71	13	13-0345	PR 17" Thru 18" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,136.62 65.00	46.62
10 71	13	13-0346	PR 17" Thru 18" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,138.91 65.00	48.34
10 71	13	13-0347	PR 17" Thru 18" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,371.73 65.00	50.07
10 71	13	13-0348	PR 17" Thru 18" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,374.02 65.00	51.80
10 71	13	13-0349	PR 17" Thru 18" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,606.83 65.00	53.52
10 71	13	13-0350	PR 17" Thru 18" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,609.12 65.00	55.25
10 71 13 13-0351 19" Through 20" Width <small>(10 71 13 13-0302)</small>					
10 71	13	13-0352	PR 19" Thru 20" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,196.22 65.00	32.80
10 71	13	13-0353	PR 19" Thru 20" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,197.37 65.00	33.72
10 71	13	13-0354	PR 19" Thru 20" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,429.03 65.00	34.53
10 71	13	13-0355	PR 19" Thru 20" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,431.32 65.00	36.25
10 71	13	13-0356	PR 19" Thru 20" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,664.12 65.00	37.98
10 71	13	13-0357	PR 19" Thru 20" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,666.42 65.00	39.71
10 71	13	13-0358	PR 19" Thru 20" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,899.22 65.00	41.43
10 71	13	13-0359	PR 19" Thru 20" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,132.02 65.00	43.16
10 71	13	13-0360	PR 19" Thru 20" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,134.31 65.00	44.89
10 71	13	13-0361	PR 19" Thru 20" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,367.12 65.00	46.62
10 71	13	13-0362	PR 19" Thru 20" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,369.41 65.00	48.34
10 71	13	13-0363	PR 19" Thru 20" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,602.23 65.00	50.07
10 71	13	13-0364	PR 19" Thru 20" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,604.52 65.00	51.80
10 71	13	13-0365	PR 19" Thru 20" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,837.32 65.00	53.52
10 71	13	13-0366	PR 19" Thru 20" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,839.61 65.00	55.25
10 71 13 13-0367 21" Through 22" Width <small>(10 71 13 13-0302)</small>					
10 71	13	13-0368	PR 21" Thru 22" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,196.22 65.00	32.80
10 71	13	13-0369	PR 21" Thru 22" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,197.37 65.00	33.72
10 71	13	13-0370	PR 21" Thru 22" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,429.03 65.00	34.53
10 71	13	13-0371	PR 21" Thru 22" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,661.81 65.00	36.25
10 71	13	13-0372	PR 21" Thru 22" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,664.12 65.00	37.98
10 71	13	13-0373	PR 21" Thru 22" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,896.92 65.00	39.71
10 71	13	13-0374	PR 21" Thru 22" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	1,899.22 65.00	41.43
10 71	13	13-0375	PR 21" Thru 22" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,132.02 65.00	43.16
10 71	13	13-0376	PR 21" Thru 22" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter <i>For Arched Tops, Add</i>	2,364.81 65.00	44.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 71 13 13-0377	PR	21" Thru 22" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	.....	2,367.12	46.62
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0378	PR	21" Thru 22" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	.....	2,599.91	48.34
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0379	PR	21" Thru 22" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	.....	2,602.23	50.07
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0380	PR	21" Thru 22" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	.....	2,835.01	51.80
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0381	PR	21" Thru 22" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	.....	2,837.32	53.52
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0382	PR	21" Thru 22" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	.....	2,839.61	55.25
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0383		22" Through 24" Width <small>(10 71 13 13-0302)</small>			
10 71 13 13-0384	PR	22" Thru 24" Width x Thru 30" Height Cedar Board N' Batten Wood Shutter	.....	1,196.22	32.80
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0385	PR	22" Thru 24" Width x 30-1/8" Thru 34" Height Cedar Board N' Batten Wood Shutter	.....	1,427.87	33.72
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0386	PR	22" Thru 24" Width x 34-1/8" Thru 38" Height Cedar Board N' Batten Wood Shutter	.....	1,429.03	34.53
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0387	PR	22" Thru 24" Width x 38-1/8" Thru 42" Height Cedar Board N' Batten Wood Shutter	.....	1,661.81	36.25
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0388	PR	22" Thru 24" Width x 42-1/8" Thru 46" Height Cedar Board N' Batten Wood Shutter	.....	1,894.62	37.98
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0389	PR	22" Thru 24" Width x 46-1/8" Thru 50" Height Cedar Board N' Batten Wood Shutter	.....	1,896.92	39.71
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0390	PR	22" Thru 24" Width x 50-1/8" Thru 54" Height Cedar Board N' Batten Wood Shutter	.....	2,129.71	41.43
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0391	PR	22" Thru 24" Width x 54-1/8" Thru 58" Height Cedar Board N' Batten Wood Shutter	.....	2,132.02	43.16
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0392	PR	22" Thru 24" Width x 58-1/8" Thru 62" Height Cedar Board N' Batten Wood Shutter	.....	2,364.81	44.89
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0393	PR	22" Thru 24" Width x 62-1/8" Thru 66" Height Cedar Board N' Batten Wood Shutter	.....	2,597.62	46.62
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0394	PR	22" Thru 24" Width x 66-1/8" Thru 70" Height Cedar Board N' Batten Wood Shutter	.....	2,599.91	48.34
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0395	PR	22" Thru 24" Width x 70-1/8" Thru 74" Height Cedar Board N' Batten Wood Shutter	.....	2,832.72	50.07
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0396	PR	22" Thru 24" Width x 74-1/8" Thru 78" Height Cedar Board N' Batten Wood Shutter	.....	2,835.01	51.80
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0397	PR	22" Thru 24" Width x 78-1/8" Thru 82" Height Cedar Board N' Batten Wood Shutter	.....	3,067.82	53.52
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0398	PR	22" Thru 24" Width x 82-1/8" Thru 86" Height Cedar Board N' Batten Wood Shutter	.....	3,070.11	55.25
		<i>For Arched Tops, Add</i>		65.00	
10 71 13 13-0399		Accessories <small>(10 71 13 13)</small>			
10 71 13 13-0400	PR	Surface Mounted Pintel, Stainless Steel	.....	69.12	
10 71 13 13-0401	PR	Lag Pintel, Stainless Steel	.....	69.12	
10 71 13 13-0402	PR	10" Strap Hinge, Stainless Steel	.....	103.64	
10 71 13 13-0403	PR	6" L-Hinge, Stainless Steel	.....	95.76	
10 71 13 13-0404	PR	Hinge Set, Galvanized And Painted	.....	86.72	
10 71 13 13-0405	PR	Acorn Holdback	.....	80.31	
10 71 13 13-0406	PR	'S' Holdback, Stainless Steel	.....	67.57	
10 71 13 13-0407	PR	'S' Holdback, Galvanized And Painted	.....	63.63	
10 73		Protective Covers <small>(10 70)</small>			
10 73 13		Awnings <small>(10 73)</small>			
10 73 13 13		Metal Awnings <small>(10 73 13)</small>			
10 73 13 13-0001		Metal Awnings <small>(10 73 13 13)</small>			
		Note: Includes metal cover, frame supports and anchoring.			
10 73 13 13-0002	SF	Clear Weather Resistant Finish, Ribbed Aluminum Window Awnings	.....	76.16	8.60
10 73 13 13-0003	SF	Baked Enamel Finish, Ribbed Aluminum Window Awning	.....	67.33	7.71
10 73 13 13-0004	SF	Flat Roofed Steel Awning	.....	240.56	8.94
		Note: Per SF of covered area			
10 73 13 13-0005	SF	Arched Roofed Steel Awning (Per SF Of Covered Area)	.....	248.20	10.06
10 73 13 23		Fabric Awnings <small>(10 73 13)</small>			
10 73 13 23-0001		Canvas Awnings <small>(10 73 13 23)</small>			
		Note: Includes minimum 12 oz. canvas, frame supports and anchoring.			
10 73 13 23-0002	SF	Canvas Awning, Waterproof Fabric Tubular Metal Framing	.....	74.88	7.74
10 73 13 23-0003	SF	Side Protection Canvas For Walkways (Per SF Of Wall Area)	.....	42.90	2.50
10 73 13 23-0004	SF	Removal And Replacement Of Canvas For Awnings	.....	27.72	
		Note: Includes removal of existing canvas cover.			
		<i>For 18 Oz Vinyl Laminated Polyester Cover, Add</i>		0.93	
10 73 16		Canopies <small>(10 73)</small>			

Specialties	10	10
Exterior Specialties	10 70	
Protective Covers	10 73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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10 73 16 13 Metal Canopies (10 73 16)

10 73 16 13-0001 Canopies, Wall Hung, Aluminum Framed And Covered, Prefinished (10 73 16 13)
Note: Includes cover, frame supports and anchoring.

10 73 16 13-0002 EA 8' x 10' Canopy, Aluminum, Wall Hung.....	7,344.91	595.96
10 73 16 13-0003 EA 8' x 20' Canopy, Aluminum, Wall Hung.....	13,566.99	953.76
10 73 16 13-0004 EA 10' x 10' Canopy, Aluminum, Wall Hung.....	9,046.27	745.66
10 73 16 13-0005 EA 10' x 20' Canopy, Aluminum, Wall Hung.....	16,445.13	997.12

10 73 26 Walkway Coverings (10 73)

Note: Pre-engineered includes all framing and steel supports, integral gutter system. Excludes foundations.

10 73 26 13 Metal Walkway Coverings (10 73 26)

10 73 26 13-0001 Steel Walkway/Parking Covers (10 73 26 13)
Note: Factory applied polyester finish.

10 73 26 13-0002 SF Flat Roofed Steel Walkway/Parking Cover	120.88	8.31
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	41.71	
For Wind Load (140 MPH), Add	52.14	
10 73 26 13-0003 SF Arch Roofed Steel Walkway/Parking Cover.....	128.69	8.95
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	44.32	
For Wind Load (140 MPH), Add	55.40	

10 73 26 13-0004 Aluminum Walkway/Parking Covers (10 73 26 13)

10 73 26 13-0005 SF Flat Roofed Aluminum Walkway/Parking Cover	70.01	8.31
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	21.36	
For Wind Load (140 MPH), Add	26.70	
10 73 26 13-0006 SF Arch Roofed Aluminum Walkway/Parking Cover.....	76.14	8.95
Note: Includes factory applied polyester finish.		
For Snow Load (30 PSF), Add	23.30	
For Wind Load (140 MPH), Add	29.13	

10 75 Flagpoles (10 70)

Note: Metal bases are installed in a concrete base and fully rigged. Heights indicated are from ground to top of installed flag pole. Uninstalled lengths are longer. Includes top ball (color and material similar to pole), cleats and cleat cover, all caulking and sealants, and hoisting into place. Excludes excavation and concrete. See CSI section 10 75 16 00-0021 for bases.

10 75 16 Ground-Set Flagpoles (10 75)

10 75 16 00-0001 Free Standing Tapered Fiberglass Flagpoles (10 75 16)
Note: Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.

10 75 16 00-0002 EA 25' Exposed Height, Tapered White Fiberglass Flagpole	3,472.28	890.77
Note: 6" butt diameter, 3" top diameter and 0.180" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Bronze Finish, Add	20.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0003 EA 30' Exposed Height, Tapered White Fiberglass Flagpole	3,716.82	971.75
Note: 6-1/2" butt diameter, 3" top diameter and 0.180" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Bronze Finish, Add	50.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0004 EA 35' Exposed Height, Tapered White Fiberglass Flagpole	4,652.98	1,133.71
Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0005 EA 40' Exposed Height, Tapered White Fiberglass Flagpole	5,393.55	1,295.66
Note: 7" butt diameter, 3" top diameter and 0.200" wall.		
For Internal Halyard, Cam System, Add	300.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0006 EA 50' Exposed Height, Tapered White Fiberglass Flagpole	9,738.94	1,457.62
Note: 10" butt diameter, 4-1/2" top diameter and 0.275" wall.		
For Internal Halyard, Winch System, Add	1,700.00	
For Bronze Finish, Add	200.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0007 EA 60' Exposed Height, Tapered White Fiberglass Flagpole	11,560.02	1,619.58
Note: 10-1/2" butt diameter, 4-1/2" top diameter and 0.300" wall.		
For Internal Halyard, Winch System, Add	1,900.00	
For Bronze Finish, Add	160.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0008 EA 70' Exposed Height, Tapered White Fiberglass Flagpole	19,622.01	1,781.53
Note: 16" butt diameter, 7" top diameter and 0.325" wall.		
For Internal Halyard, Winch System, Add	2,860.00	
For Bronze Finish, Add	700.00	
For Rope Lock Box, Add	96.00	
10 75 16 00-0009 EA 78' Exposed Height, Tapered White Fiberglass Flagpole	25,318.05	1,943.49
Note: 10-3/4" butt diameter, 7" top diameter and 0.350" wall.		
For Internal Halyard, Winch System, Add	2,900.00	
For Bronze Finish, Add	900.00	
For Rope Lock Box, Add	96.00	

10	10	Specialties
	10 70	Exterior Specialties
	10 75	Flagpoles



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
10 75 16 00-0010		Free Standing Tapered Aluminum Flagpoles <small>(10 75 16)</small>			
		Note: Heavy duty. Excludes base or foundation See CSI section 10 75 16 00-0021 for concrete base.			
10 75 16 00-0011	EA	20' Exposed Height, Tapered Satin Aluminum Flagpole.....	3,471.27		809.79
		Note: 5" butt diameter, 3" top diameter and 0.188" wall.			
		For Internal Halyard, Winch System, Add	570.00		
		For Clear Anodized Finish, Add	150.00		
		For Bronze Anodized Finish, Add	180.00		
		For Black Anodized Finish, Add	230.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0012	EA	25' Exposed Height, Tapered Satin Aluminum Flagpole.....	4,147.65		890.77
		Note: 5-1/2" butt diameter, 3-1/2" top diameter and 0.188" wall.			
		For Internal Halyard, Winch System, Add	1,100.00		
		For Clear Anodized Finish, Add	200.00		
		For Bronze Anodized Finish, Add	230.00		
		For Black Anodized Finish, Add	320.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0013	EA	30' Exposed Height, Tapered Satin Aluminum Flagpole.....	4,607.42		971.75
		Note: 6" butt diameter, 3-1/2" top diameter and 0.188" wall.			
		For Internal Halyard, Winch System, Add	1,390.00		
		For Clear Anodized Finish, Add	240.00		
		For Bronze Anodized Finish, Add	290.00		
		For Black Anodized Finish, Add	400.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0014	EA	35' Exposed Height, Tapered Satin Aluminum Flagpole.....	5,873.53		1,133.71
		Note: 7" butt diameter, 3-1/2" top diameter and 0.188" wall.			
		For Internal Halyard, Winch System, Add	1,340.00		
		For Clear Anodized Finish, Add	290.00		
		For Bronze Anodized Finish, Add	360.00		
		For Black Anodized Finish, Add	480.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0015	EA	40' Exposed Height, Tapered Satin Aluminum Flagpole.....	7,284.05		1,295.66
		Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.			
		For Internal Halyard, Winch System, Add	1,490.00		
		For Clear Anodized Finish, Add	390.00		
		For Bronze Anodized Finish, Add	480.00		
		For Black Anodized Finish, Add	660.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0016	EA	45' Exposed Height, Tapered Satin Aluminum Flagpole.....	8,075.95		1,376.64
		Note: 8" butt diameter, 3-1/2" top diameter and 0.188" wall.			
		For Internal Halyard, Winch System, Add	1,340.00		
		For Clear Anodized Finish, Add	400.00		
		For Bronze Anodized Finish, Add	500.00		
		For Black Anodized Finish, Add	700.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0017	EA	50' Exposed Height, Tapered Satin Aluminum Flagpole.....	10,210.85		1,457.62
		Note: 10" butt diameter, 4" top diameter and 0.188" wall.			
		For Internal Halyard, Winch System, Add	1,380.00		
		For Clear Anodized Finish, Add	700.00		
		For Bronze Anodized Finish, Add	860.00		
		For Black Anodized Finish, Add	1,130.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0018	EA	60' Exposed Height, Tapered Satin Aluminum Flagpole.....	17,700.95		1,619.58
		Note: 12" butt diameter, 4" top diameter and 0.250" wall.			
		For Internal Halyard, Winch System, Add	1,800.00		
		For Clear Anodized Finish, Add	620.00		
		For Bronze Anodized Finish, Add	820.00		
		For Black Anodized Finish, Add	1,160.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0019	EA	70' Exposed Height, Tapered Satin Aluminum Flagpole.....	19,371.40		1,781.53
		Note: 12" butt diameter, 4" top diameter and 0.250" wall.			
		For Internal Halyard, Winch System, Add	1,720.00		
		For Clear Anodized Finish, Add	710.00		
		For Bronze Anodized Finish, Add	950.00		
		For Black Anodized Finish, Add	1,360.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0020	EA	80' Exposed Height, Tapered Satin Aluminum Flagpole.....	24,291.04		1,943.49
		Note: 12" butt diameter, 4" top diameter and 0.375" wall.			
		For Internal Halyard, Winch System, Add	2,600.00		
		For Clear Anodized Finish, Add	1,100.00		
		For Bronze Anodized Finish, Add	1,380.00		
		For Black Anodized Finish, Add	1,840.00		
		For Rope Lock Box, Add	96.00		
10 75 16 00-0021		Flagpole Bases <small>(10 75 16)</small>			
10 75 16 00-0022		Flagpole Concrete Base <small>(10 75 16 00-0021)</small>			
		Note: Includes excavation, forms where necessary, steel casing and reinforcing, metal collar installation, base plate, sand fill, ground spike, concrete and finishing of concrete.			
10 75 16 00-0023	EA	30' Or Less Flagpole, Poured Concrete Foundation.....	1,649.30		
10 75 16 00-0024	EA	35' Flagpole, Poured Concrete Foundation.....	1,704.58		
10 75 16 00-0025	EA	40' Flagpole, Poured Concrete Foundation.....	1,958.45		
10 75 16 00-0026	EA	45' Flagpole, Poured Concrete Foundation.....	2,071.95		
10 75 16 00-0027	EA	50' Flagpole, Poured Concrete Foundation.....	2,486.36		
10 75 16 00-0028	EA	60' Flagpole, Poured Concrete Foundation.....	3,013.20		
10 75 16 00-0029	EA	70' Flagpole, Poured Concrete Foundation.....	3,563.51		
10 75 16 00-0030	EA	80' Flagpole, Poured Concrete Foundation.....	4,140.54		

Specialties	10	10
Exterior Specialties	10 70	
Flagpoles	10 75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 75 16 00-0031 EA 90' To 100' Flagpole, Poured Concrete Foundation.....	4,823.62	
10 75 16 00-0032 Direct Embedded Flagpole Base (10 75 16 00-0021) Note: Augured in place, no concrete required.		
10 75 16 00-0033 EA 20' To 25' Flagpole, Direct Embedded Pole Base.....	709.33	
10 75 16 00-0034 EA 30' To 40' Flagpole, Direct Embedded Pole Base.....	1,017.76	
10 75 16 00-0035 EA 45' To 55' Flagpole, Direct Embedded Pole Base.....	1,137.12	
10 75 16 00-0036 EA 60' To 70' Flagpole, Direct Embedded Pole Base.....	1,279.29	
10 75 16 00-0037 Flagpole Accessories (10 75 16)		
10 75 16 00-0038 Flagpole Tops (10 75 16 00-0037) Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0039 EA 4" Gold Anodized Aluminum Ball For Top Of Flagpole.....	137.59	48.58
10 75 16 00-0040 EA 5" Gold Anodized Aluminum Ball For Top Of Flagpole.....	150.52	51.44
10 75 16 00-0041 EA 6" Gold Anodized Aluminum Ball For Top Of Flagpole.....	169.24	54.30
10 75 16 00-0042 EA 8" Gold Anodized Aluminum Ball For Top Of Flagpole.....	224.06	57.15
10 75 16 00-0043 EA 10" Gold Anodized Aluminum Ball For Top Of Flagpole.....	299.09	60.01
10 75 16 00-0044 EA 12" Gold Anodized Aluminum Ball For Top Of Flagpole.....	335.13	62.87
10 75 16 00-0045 EA 11-1/4" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	304.81	62.87
10 75 16 00-0046 EA 15" Aluminum Flying Eagle Mounted On A Spindle For Flagpole Top, Gold Finish.....	355.16	71.44
10 75 16 00-0047 EA 7" Bronze Eagle Mounted On Spindle Rod.....	164.20	62.87
10 75 16 00-0048 Flagpole Accessories (10 75 16 00-0037) Note: To be used on renovation of existing flagpole. Do not use in conjunction with installation of new flagpoles.		
10 75 16 00-0049 LF 5/16" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	1.37	0.09
10 75 16 00-0050 LF 5/16" Diameter, Solid Braided Multifilament Polypropylene Halyard (Rope) For Flagpoles.....	0.67	0.09
10 75 16 00-0051 LF 5/16" Diameter, Nylon Halyard (Rope) For Flagpoles.....	0.52	0.09
10 75 16 00-0052 LF 3/8" Diameter, Nylon Halyard (Rope) With Wire Center For Flagpoles.....	1.85	0.09
10 75 16 00-0053 EA Refinish Existing Flagpole Ball.....	398.56	142.82
10 75 16 00-0054 EA Locking Aluminum Cleat Box For Flagpoles.....	350.52	85.69
10 75 16 00-0055 EA Aluminum Cleat For Flagpoles.....	29.76	5.72
10 75 16 00-0056 LF 1/8" Diameter, 7x7 Galvanized Wire Rope For Flagpoles.....	0.69	0.10
10 75 23 Wall-Mounted Flagpoles (10 75)		
10 75 23 00-0001 Vertical, Wall/Roof Mounted Tapered Aluminum Flagpoles (10 75 23) Note: Includes aluminum brackets, 3" butt diameter and 0.125" wall.		
10 75 23 00-0002 EA 14' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole.....	2,243.81	710.34
For Rope Lock Box, Add	96.00	
10 75 23 00-0003 EA 17' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole.....	2,429.20	781.38
For Rope Lock Box, Add	96.00	
10 75 23 00-0004 EA 20' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole.....	2,629.03	852.41
For Rope Lock Box, Add	96.00	
10 75 23 00-0005 EA 25' Height, Vertical Wall/Roof Mounted Tapered Aluminum Flagpole.....	3,043.14	994.48
For Rope Lock Box, Add	96.00	
10 75 23 00-0006 Outrigger, Wall Mounted Tapered Aluminum Flagpoles (10 75 23) Note: Includes aluminum base, 3-1/2" butt diameter and 0.125" wall.		
10 75 23 00-0007 EA 10', Wall Mounted, Aluminum Outrigger Flagpole With Bracket.....	3,069.28	639.31
For Rope Lock Box, Add	96.00	
10 75 23 00-0008 EA 15', Wall Mounted, Aluminum Outrigger Flagpole With Bracket.....	3,297.98	710.34
For Rope Lock Box, Add	96.00	
10 75 23 00-0009 EA 20', Wall Mounted, Aluminum Outrigger Flagpole With Bracket.....	3,639.89	852.41
For Rope Lock Box, Add	96.00	
10 80 Other Specialties (10)		
10 81 Pest Control Devices (10 80)		
10 81 13 Bird Control Devices (10 81)		
10 81 13 00-0001 Stainless Steel Spiked Bird Barrier (10 81 13) Note: Stainless steel spikes with flexible polycarbonate base.		
10 81 13 00-0002 LF 2-1/2" To 3" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	10.22	0.92
10 81 13 00-0003 LF 4-1/2" To 5" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	12.35	0.92
10 81 13 00-0004 LF 8" Wide Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System.....	18.27	0.92
10 81 13 00-0005 Polycarbonate Spiked Bird Barrier (10 81 13) Note: Polycarbonate spikes and base.		
10 81 13 00-0006 LF 3" Wide Polycarbonate Spikes And Base Bird Deterrent System.....	9.43	0.92
10 81 13 00-0007 LF 5" Wide Polycarbonate Spikes And Base Bird Deterrent System.....	11.44	0.92
10 81 13 00-0008 LF 8" Wide Polycarbonate Spikes And Base Bird Deterrent System.....	13.63	0.92

10	10	Specialties
	10 80	Other Specialties
	10 81	Pest Control Devices

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 81 13 00-0009 Spiked Gutter Or Girder Bird Barrier <small>(10 81 13)</small> Note: Stainless steel spikes with flexible polycarbonate base mounted to gutter or girder. Includes aluminum clamps.		
10 81 13 00-0010 LF Stainless Steel Spikes And Polycarbonate Base Bird Deterrent System For Gutter Or Girder Application	10.92	0.92
10 81 13 00-0011 Coil Bird Barrier <small>(10 81 13)</small> Note: Stainless steel coil.		
10 81 13 00-0012 LF 4" Diameter Stainless Steel Coil Bird Deterrent System	7.59	0.92
10 81 13 00-0013 LF 5" Diameter Stainless Steel Coil Bird Deterrent System	9.01	0.92
10 81 13 00-0014 Spider Bird Barrier <small>(10 81 13)</small> Note: Stainless steel arms with various bases.		
10 81 13 00-0015 EA 2' Diameter Stainless Steel Spider Bird Deterrent System	130.55	0.92
10 81 13 00-0016 EA 4' Diameter Stainless Steel Spider Bird Deterrent System	193.29	0.92
10 81 13 00-0017 EA 8' Diameter Stainless Steel Spider Bird Deterrent System	244.35	0.92
10 81 13 00-0018 Oriented Flexible Flame Resistant Netting <small>(10 81 13)</small> Note: Includes stainless steel rings and plastic ties.		
10 81 13 00-0019 SF 1/8" x 1/8" Mesh Flexible Polypropylene Netting	0.97	0.33
10 81 13 00-0020 SF 1/4" x 1/4" Mesh Flexible Polypropylene Netting	0.93	0.33
10 81 13 00-0021 SF 1/2" x 1/2" Mesh Flexible Polypropylene Netting	0.90	0.33
10 81 13 00-0022 SF 3/4" x 3/4" Mesh Flexible Polypropylene Netting	0.86	0.33
10 81 13 00-0023 SF 1" x 1" Mesh Flexible Polypropylene Netting	0.86	0.33
10 81 13 00-0024 SF 1-1/8" x 1-1/8" Mesh Flexible Polypropylene Netting	0.84	0.33
10 81 13 00-0025 SF 2" x 2" Mesh Flexible Polypropylene Netting	0.82	0.33
10 81 13 00-0026 SF 3" x 3" Mesh Flexible Polypropylene Netting	0.82	0.33
10 81 13 00-0027 SF 4" x 4" Mesh Flexible Polypropylene Netting	0.78	0.33
10 81 13 00-0028 SF 5/8" x 3/4" Mesh Flexible Polypropylene Netting	0.88	0.33
10 81 13 00-0029 SF 1-1/4" x 1-1/2" Mesh Flexible Polypropylene Netting	0.83	0.33
10 81 13 00-0030 EA Poly Clips For Flexible Netting	2.93	
10 81 13 00-0031 Netting Accessories <small>(10 81 13)</small>		
10 81 13 00-0032 EA 2' Zipper For Flexible Netting	8.92	
10 81 13 00-0033 EA 4' Zipper For Flexible Netting	13.44	
10 81 13 00-0034 EA 6' Zipper For Flexible Netting	15.81	
10 81 13 00-0035 EA 8' Zipper For Flexible Netting	22.47	
10 81 16 Insect Control Devices <small>(10 81)</small>		
10 81 16 00-0001 Insect Screening <small>(10 81 16)</small>		
10 81 16 00-0002 CSF 17/14 Mesh Insect Screening With Flat Screen Splines	134.97	
10 86 Security Mirrors And Domes <small>(10 80)</small>		
10 86 00 00-0001 Dome Mirrors <small>(10 86)</small> Note: Includes all mounting hardware. Indoor or outdoor applications.		
10 86 00 00-0002 Steel Dome Mirrors <small>(10 86 00 00-0001)</small>		
10 86 00 00-0003 EA 9" Diameter Full-Dome Steel Dome Mirror	305.46	22.86
10 86 00 00-0004 EA 12" Diameter Full-Dome Steel Dome Mirror	359.70	24.00
10 86 00 00-0005 EA 18" Diameter Full-Dome Steel Dome Mirror	416.21	26.29
10 86 00 00-0006 EA 24" Diameter Full-Dome Steel Dome Mirror	556.30	28.57
10 86 00 00-0007 EA 9" Diameter Half-Dome Steel Dome Mirror	218.59	17.15
10 86 00 00-0008 EA 12" Diameter Half-Dome Steel Dome Mirror	252.50	18.29
10 86 00 00-0009 EA 18" Diameter Half-Dome Steel Dome Mirror	295.23	20.00
10 86 00 00-0010 EA 24" Diameter Half-Dome Steel Dome Mirror	411.58	21.72
10 86 00 00-0011 Plexiglas Dome Mirrors <small>(10 86 00 00-0001)</small>		
10 86 00 00-0012 EA 18" Diameter Full-Dome Plexiglas Dome Mirror	236.66	26.29
10 86 00 00-0013 EA 26" Diameter Full-Dome Plexiglas Dome Mirror	334.96	28.57
10 86 00 00-0014 EA 32" Diameter Full-Dome Plexiglas Dome Mirror	443.49	33.15
10 86 00 00-0015 EA 36" Diameter Full-Dome Plexiglas Dome Mirror	536.26	40.01
10 86 00 00-0016 EA 48" Diameter Full-Dome Plexiglas Dome Mirror	782.86	57.15
10 86 00 00-0017 EA 18" Diameter Half-Dome Plexiglas Dome Mirror	144.58	20.00
10 86 00 00-0018 EA 26" Diameter Half-Dome Plexiglas Dome Mirror	195.43	21.72

Specialties	10	10
Other Specialties	10 80	
Security Mirrors And Domes	10 86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
10 86 00 00-0019	EA		32" Diameter Half-Dome Plexiglas Dome Mirror.....	257.87	25.15
10 86 00 00-0020	EA		36" Diameter Half-Dome Plexiglas Dome Mirror.....	318.06	30.29
10 86 00 00-0021	EA		48" Diameter Half-Dome Plexiglas Dome Mirror.....	505.83	42.87
10 86 00 00-0022	EA		18" Diameter Quarter-Dome Plexiglas Dome Mirror.....	93.01	17.15
10 86 00 00-0023	EA		26" Diameter Quarter-Dome Plexiglas Dome Mirror.....	119.71	18.86
10 86 00 00-0024	EA		32" Diameter Quarter-Dome Plexiglas Dome Mirror.....	157.70	21.14
10 86 00 00-0025	EA		36" Diameter Quarter-Dome Plexiglas Dome Mirror.....	196.66	25.15
10 86 00 00-0026	EA		48" Diameter Quarter-Dome Plexiglas Dome Mirror.....	326.66	35.72
10 86 00 00-0027			Coated Plexiglas Dome Mirrors <small>(10 86 00 00-0001)</small>		
10 86 00 00-0028	EA		18" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	282.96	26.29
10 86 00 00-0029	EA		26" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	438.85	28.57
10 86 00 00-0030	EA		36" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	744.05	40.01
10 86 00 00-0031	EA		48" Diameter Full-Dome Coated Plexiglas Dome Mirror.....	1,146.49	57.15
10 86 00 00-0032	EA		18" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	183.43	20.00
10 86 00 00-0033	EA		26" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	273.81	21.72
10 86 00 00-0034	EA		36" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	433.25	30.29
10 86 00 00-0035	EA		48" Diameter Half-Dome Coated Plexiglas Dome Mirror.....	718.14	42.87
10 86 00 00-0036	EA		18" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	132.99	17.15
10 86 00 00-0037	EA		26" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	187.01	18.86
10 86 00 00-0038	EA		32" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	242.63	21.14
10 86 00 00-0039	EA		36" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	312.30	25.15
10 86 00 00-0040	EA		48" Diameter Quarter-Dome Coated Plexiglas Dome Mirror.....	489.28	35.72
10 86 00 00-0041			Circular Convex Security Mirrors <small>(10 86)</small>		
			Note: Includes all mounting hardware.		
10 86 00 00-0042			Plexiglas Circular Convex Mirrors <small>(10 86 00 00-0041)</small>		
			Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0043	EA		12" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	99.82	18.29
10 86 00 00-0044	EA		18" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	130.13	20.00
10 86 00 00-0045	EA		26" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	197.92	21.72
10 86 00 00-0046	EA		30" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	247.48	25.15
10 86 00 00-0047	EA		36" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	329.35	30.29
10 86 00 00-0048	EA		48" Diameter Plexiglas Circular Convex Mirrors, Indoor.....	582.62	42.87
10 86 00 00-0049	EA		18" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	168.30	20.00
10 86 00 00-0050	EA		26" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	243.09	21.72
10 86 00 00-0051	EA		36" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	347.42	30.29
10 86 00 00-0052	EA		48" Diameter Plexiglas Circular Convex Mirrors, Outdoor.....	636.83	42.87
10 86 00 00-0053			Coated Plexiglas Circular Convex Mirrors <small>(10 86 00 00-0041)</small>		
			Note: Indoor models have a tempered hardboard backing. Outdoor models have a waterproof edge and back, rustproof hardware with backed-on enamel finish.		
10 86 00 00-0054	EA		18" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	203.53	20.00
10 86 00 00-0055	EA		26" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	321.24	21.72
10 86 00 00-0056	EA		30" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	432.00	25.15
10 86 00 00-0057	EA		36" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	539.40	30.29
10 86 00 00-0058	EA		48" Diameter Coated Plexiglas Circular Convex Mirrors, Indoor.....	783.64	42.87
10 86 00 00-0059	EA		18" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	244.87	20.00
10 86 00 00-0060	EA		26" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	379.96	21.72
10 86 00 00-0061	EA		30" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	529.12	25.15
10 86 00 00-0062	EA		36" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	598.13	30.29
10 86 00 00-0063	EA		48" Diameter Coated Plexiglas Circular Convex Mirrors, Outdoor.....	948.52	42.87

END OF SECTION 10

10	10	Specialties
	10 80	Other Specialties
	10 86	Security Mirrors And Domes



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 Equipment

11 01 Operation and Maintenance of Equipment ⁽¹¹⁾

11 01 10 Operation and Maintenance of Vehicle and Pedestrian Equipment ^(11 01)

11 01 10 13 Operation and Maintenance of Parking Equipment ^(11 01 10)

11 01 10 13-0001	Replacement Parking Equipment ^(11 01 10 13)		
11 01 10 13-0002	EA 10' Wood Arm Replacement With Bolts	599.49	
11 01 10 13-0003	EA 12' Wood Arm Replacement With Bolts	626.37	
11 01 10 13-0004	EA 14' Wood Arm Replacement With Bolts	657.26	
11 01 10 13-0005	EA 12' Aluminum Arm Replacement With Bolts	875.87	
11 01 10 13-0006	EA 14' Aluminum Arm Replacement With Bolts	904.77	
11 01 10 13-0007	EA 16' Aluminum Arm Replacement With Bolts	1,282.94	
11 01 10 13-0008	EA 18' Aluminum Arm Replacement With Bolts	1,301.57	
11 01 10 13-0009	EA 20' Aluminum Arm Replacement With Bolts	1,337.42	
11 01 10 13-0010	EA 22' Aluminum Arm Replacement With Bolts	1,538.30	
11 01 10 13-0011	EA 24' Aluminum Arm Replacement With Bolts	1,563.55	

11 10 Vehicle and Pedestrian Equipment ⁽¹¹⁾

11 11 Vehicle Service Equipment ^(11 10)

11 11 36 Vehicle Charging Equipment ^(11 11)

11 11 36 13 Commercial Electric Vehicle Charging Unit ^(11 11 36)

11 11 36 13-0001	Electric Vehicle Charging Stations (GE) ^(11 11 36 13)	Note: Available with RFID (Radio Frequency Identification) reader.	
11 11 36 13-0002	EA Single Pedestal Electric Vehicle Charging Station Without RFID (GE EVSN3)	4,110.76	140.26
	Note: 208 to 240 volt, 30 amperes, 1 phase.		
11 11 36 13-0003	EA Double Pedestal Electric Vehicle Charging Station Without RFID (GE EVDN3)	7,319.69	187.02
	Note: 208 to 240 volt, 30 amperes, 1 phase.		
11 11 36 13-0004	EA Single Pedestal Electric Vehicle Charging Station With RFID (GE EVSRN3)	7,658.26	140.26
	Note: 208 to 240 volt, 30 amperes, 1 phase.		
11 11 36 13-0005	EA Double Pedestal Electric Vehicle Charging Station With RFID (GE EVDRN3)	13,097.21	187.02
	Note: 208 to 240 volt, 30 amperes, 1 phase.		
11 11 36 13-0006	EA Single Pole Mounted Electric Vehicle Charging Station Without RFID (GE EVPN3)	3,608.37	70.13
	Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.		
11 11 36 13-0007	EA Single Pole Mounted Electric Vehicle Charging Station With RFID (GE EVPRN3)	7,022.88	70.13
	Note: 208 to 240 volt, 30 amperes, 1 phase. Excludes pole.		
11 11 36 13-0008	EA Single Wall Mounted Electric Vehicle Charging Station Without RFID (GE EVWN3)	3,480.02	93.51
	Note: 208 to 240 volt, 30 amperes, 1 phase.		
11 11 36 13-0009	EA Single Wall Mounted Electric Vehicle Charging Station With RFID (GE EVWRN3)	6,761.52	93.51
	Note: 208 to 240 volt, 30 amperes, 1 phase.		

11 11 36 13-0010 Electric Vehicle Charging Stations (AeroVironment) ^(11 11 36 13)

11 11 36 13-0011	EA Module Electric Vehicle Charging Station (AeroVironment TurboDock Module)	2,818.55	46.75
	Note: Includes charging station only. Excludes mounting bracket or pedestal.		
11 11 36 13-0012	EA Single Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	4,016.45	93.51
	Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0013	EA Dual Wall Mount Electric Vehicle Charging Station (AeroVironment TurboDock Wall Mount)	6,741.48	116.88
	Note: Includes charging station(s) and wall mounting bracket that can hold up to two charging modules.		
11 11 36 13-0014	EA Single Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	4,203.47	140.26
	Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0015	EA Dual Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	6,928.49	163.64
	Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0016	EA Triple Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	9,653.53	187.02
	Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		
11 11 36 13-0017	EA Quad Pedestal Mount Electric Vehicle Charging Station (AeroVironment TurboDock Pedestal)	12,378.57	210.39
	Note: Includes charging station(s), pedestal and mounting bracket that can hold up to four charging modules.		

11 11 36 13-0018 Electric Vehicle Charging Stations (Leviton) ^(11 11 36 13)

11 11 36 13-0019	EA Single Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG1-000)	4,979.84	93.51
	Note: 208 to 240 volt, 30 amperes, 1 phase.		
	<i>For Bollard Body (Leviton CPMBX-000), Add</i>	3,217.51	
	<i>For Bollard Cap (Leviton CPCAP-B), Add</i>	295.68	
	<i>For Wall Mounting Body (Leviton CPMEX-000), Add</i>	2,223.74	
	<i>For Wall Mounting Cap (Leviton CPCAP-W), Add</i>	295.68	
	<i>For Cord Management Kit (Leviton CPCBX-000), Add</i>	2,027.79	

11	11 Equipment
	11 10 Vehicle and Pedestrian Equipment
	11 11 Vehicle Service Equipment

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 11 36 13-0020 EA Single Port, Electric Vehicle Charging Station, Non-Gateway LAN (Leviton evr-green® 4000 CPHD1-000)	3,968.34	93.51
Note: 208 to 240 volt, 30 amperes, 1 phase.		
<i>For Bollard Body (Leviton CPMBX-000), Add</i>	3,217.51	
<i>For Bollard Cap (Leviton CPCAP-B), Add</i>	295.68	
<i>For Wall Mounting Body (Leviton CPMEY-000), Add</i>	2,223.74	
<i>For Wall Mounting Cap (Leviton CPCAP-W), Add</i>	295.68	
<i>For Cord Management Kit (Leviton CPCBX-000), Add</i>	2,027.79	
11 11 36 13-0021 EA Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHG2-000)	9,800.58	116.88
Note: 208 to 240 volt, 30 amperes, 1 phase.		
<i>For Bollard Body (Leviton CPMBX-000), Add</i>	3,217.51	
<i>For Bollard Cap (Leviton CPCAP-B), Add</i>	295.68	
<i>For Wall Mounting Body (Leviton CPMEY-000), Add</i>	2,223.74	
<i>For Wall Mounting Cap (Leviton CPCAP-W), Add</i>	295.68	
<i>For Cord Management Kit (Leviton CPCBX-000), Add</i>	2,027.79	
11 11 36 13-0022 EA Dual Port, Electric Vehicle Charging Station, Gateway (Leviton evr-green® 4000 CPHD2-000).....	8,785.81	116.88
Note: 208 to 240 volt, 30 amperes, 1 phase.		
<i>For Bollard Body (Leviton CPMBX-000), Add</i>	3,217.51	
<i>For Bollard Cap (Leviton CPCAP-B), Add</i>	295.68	
<i>For Wall Mounting Body (Leviton CPMEY-000), Add</i>	2,223.74	
<i>For Wall Mounting Cap (Leviton CPCAP-W), Add</i>	295.68	
<i>For Cord Management Kit (Leviton CPCBX-000), Add</i>	2,027.79	
11 11 36 13-0023 EA Bollard Mounting Body For Charging Station (Leviton CPMBX-000).....	3,591.55	140.26
<i>For Cap, Add</i>	295.68	
11 11 36 13-0024 EA Wall Mounting Body For Charging Station (Leviton CPMEY-000).....	2,597.78	140.26
<i>For Cap, Add</i>	295.68	
11 11 36 13-0025 EA Cord Management Kit For Charging Station (Leviton CPCBX-000).....	2,214.81	93.51
<i>For Cap, Add</i>	295.68	

11 12 Parking Control Equipment (11 10)

11 12 13 Parking Key and Card Control Units (11 12)

11 12 13 00-0001 EA Card Access Control System, Surface Mounted.....	1,490.53	81.62
Note: Entracomp 26SA-SM.		
11 12 13 00-0002 EA Card Access Control System, Flush Mounted	1,662.55	81.62
Note: Entracomp 26SA-FM.		
11 12 13 00-0003 EA Card Access Control System, Flush Mounted	1,924.11	81.62
Note: Entracomp 26SA-MH.		
11 12 13 00-0004 EA Electronic Vehicle Detector Units, Push-Button Intercom	475.38	27.21
Note: 3-position sensitivity switch and detection indicator light on front panel.		
<i>For Wiring Harness, Add</i>	34.00	

11 12 16 Parking Ticket Dispensers (11 12)

11 12 16 00-0001 Parking Ticket Dispensers (11 12 16)

11 12 16 00-0002 EA Standard Parking Ticket Dispenser With Time/Date Stamp.....	11,287.14	195.89
11 12 16 00-0003 EA Rate Computing Parking Ticket Dispenser With Printer.....	15,228.32	195.89

11 12 23 Parking Meters (11 12)

11 12 23 00-0001 Parking Meters (11 12 23)

11 12 23 00-0002 EA Removal Of Parking Meter For Replacement Or Reinstall Existing Meter.....	199.07	
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11 12 26 Parking Fee Collection Equipment (11 12)

11 12 26 13 Parking Fee Coin Collection Equipment (11 12 26)

11 12 26 13-0001 Parking Fee Collection Equipment (11 12 26 13)

11 12 26 13-0002 EA Multiple Station Slot Box For Parking Fee Collection.....	2,671.51	66.38
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11 12 33 Parking Gates (11 12)

11 12 33 13 Lift Arm Parking Gates (11 12 33)

11 12 33 13-0001 Barrier Parking Gate Operators (11 12 33 13)

11 12 33 13-0002 Barrier Parking Gate Operators (11 12 33 13-0001)

Note: Includes operator and barrier arm. Excludes access controls and concrete foundation.

11 12 33 13-0003 EA 12' Plastic Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080).....	6,214.74	543.14
<i>For 230/460 Volt AC, Add</i>	322.50	
11 12 33 13-0004 EA 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080).....	6,194.14	543.14
<i>For 230/460 Volt AC, Add</i>	322.50	
11 12 33 13-0005 EA 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1601-080).....	6,455.15	543.14
<i>For 230/460 Volt AC, Add</i>	322.50	
11 12 33 13-0006 EA 20' Three Piece Wood Arm, 1 HP, 115 Volt AC, Barrier Parking Gate Operator (DKS™ DoorKing® 1602-080).....	9,062.30	543.14
<i>For 230/460 Volt AC, Add</i>	322.50	
11 12 33 13-0007 EA 14' Wood Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD).....	9,216.82	543.14
11 12 33 13-0008 EA 14' Aluminum Arm, 1/3 HP, 115 Volt AC, Barrier Parking Gate Operator With Two Built-In Vehicle Detectors (Federal APD G-90 CD).....	9,628.95	543.14

Equipment	11	
Vehicle and Pedestrian Equipment	11 10	⇄
Parking Control Equipment	11 12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 12 33 13-0009 Barrier Parking Gate Operators With Tire Shredding Traffic Control Spikes <small>(11 12 33 13-0001)</small> Note: Includes operator, barrier arm and tire shredding traffic control spikes. Excludes access controls and concrete foundation.		
11 12 33 13-0010 EA 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	18,468.80	1,086.29
11 12 33 13-0011 EA 14' Wood Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	21,570.94	1,086.29
11 12 33 13-0012 EA 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 6' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	18,623.35	1,086.29
11 12 33 13-0013 EA 14' Aluminum Arm, 1/2 HP, 115 Volt AC, Barrier Parking Gate Operator With 9' Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603-080).....	21,725.49	1,086.29
11 12 33 13-0014 Barrier Parking Gate Operator Accessories <small>(11 12 33 13-0001)</small>		
11 12 33 13-0015 EA 12' Plastic Replacement Arm For Barrier Parking Gate Operators.....	212.82	20.55
11 12 33 13-0016 EA 14' Wood Replacement Arm For Barrier Parking Gate Operators.....	192.21	20.55
11 12 33 13-0017 EA 14' Aluminum Replacement Arm For Barrier Parking Gate Operators.....	453.23	20.55
11 12 33 13-0018 EA 20' Three Piece Wood Replacement Arm For Barrier Parking Gate Operators.....	685.05	20.55
11 12 33 13-0019 EA Folding Wood Replacement Arm For Barrier Parking Gate Operators.....	624.95	20.55
11 12 33 13-0020 EA Folding Plastic Replacement Arm For Barrier Parking Gate Operators.....	624.95	20.55
11 12 33 13-0021 EA Folding Aluminum Replacement Arm For Barrier Parking Gate Operators.....	762.32	20.55
11 12 33 13-0022 EA Heater Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-092).....	632.96	123.29
11 12 33 13-0023 EA Fan Kit For Barrier Parking Gate Operators (DKS™ DoorKing® 1601-093).....	632.96	123.29
11 12 33 13-0024 EA Single Channel Detector Loop For Barrier Parking Gate Operators (DKS™ DoorKing® 9410-010).....	630.27	
11 12 33 13-0025 EA Two Channel Detector Loop For Barrier Parking Gate Operators (Federal APD DLD-10B).....	1,629.06	
11 12 33 13-0026 EA 36" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls (Federal APD).....	1,200.45	41.10
Note: Includes mounting plate and hardware. Excludes concrete foundation.		
11 12 36 Tire Shredders <small>(11 12)</small>		
11 12 36 00-0001 Tire Shredding Traffic Control Spikes <small>(11 12 36)</small>		
11 12 36 00-0002 Flush Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0003 EA 6' Section, Flush Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-081).....	2,647.01	328.79
11 12 36 00-0004 Surface Mount, Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0005 EA 3' Section With End Caps, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-088).....	4,800.83	164.39
11 12 36 00-0006 EA 3' Add-On Section, Surface Mount, Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1610-087).....	3,427.07	164.39
11 12 36 00-0007 Warning Signs And Signals For Tire Shredding Traffic Control Spikes <small>(11 12 36 00-0001)</small>		
11 12 36 00-0008 EA Warning Sign For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1615).....	2,132.41	61.85
Note: Includes light and mounting post.		
11 12 36 00-0009 EA Traffic Light Assembly For Tire Shredding Traffic Control Spikes (DKS™ DoorKing® 1603).....	1,727.04	82.19
Note: Includes mounting post and hardware.		
11 13 Loading Dock Equipment <small>(11 10)</small>		
11 13 13 Loading Dock Bumpers <small>(11 13)</small>		
11 13 13 00-0001 Laminated Rubber Dock Bumpers <small>(11 13 13)</small>		
11 13 13 00-0002 4-1/2" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0003 EA 14" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	142.87	22.85
11 13 13 00-0004 EA 24" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	178.64	22.85
11 13 13 00-0005 EA 36" x 6", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	229.10	22.85
11 13 13 00-0006 EA 12" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	158.11	22.85
11 13 13 00-0007 EA 14" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	170.75	22.85
11 13 13 00-0008 EA 18" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	193.35	22.85
11 13 13 00-0009 EA 24" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	229.10	22.85
11 13 13 00-0010 EA 36" x 10", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	309.84	22.85
11 13 13 00-0011 EA 12" x 12", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	178.29	22.85
11 13 13 00-0012 EA 12" x 14", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	193.35	22.85
11 13 13 00-0013 EA 12" x 18", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	236.28	22.85
11 13 13 00-0014 EA 12" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	266.73	22.85
11 13 13 00-0015 EA 12" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	365.60	22.85
11 13 13 00-0016 EA 11" x 20", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	218.49	22.85
11 13 13 00-0017 EA 11" x 24", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	253.90	22.85
11 13 13 00-0018 EA 11" x 36", 4-1/2" Projection, Laminated Rubber Dock Bumper.....	329.34	22.85
11 13 13 00-0019 6" Projection, Laminated Rubber Dock Bumpers <small>(11 13 13 00-0001)</small>		
11 13 13 00-0020 EA 12" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	201.84	22.85
11 13 13 00-0021 EA 14" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	214.33	22.85
11 13 13 00-0022 EA 18" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	244.43	22.85
11 13 13 00-0023 EA 24" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	290.28	22.85
11 13 13 00-0024 EA 36" x 10", 6" Projection, Laminated Rubber Dock Bumper.....	391.72	22.85

11	11 Equipment
	11 10 Vehicle and Pedestrian Equipment
	11 13 Loading Dock Equipment

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 13 00-0025 EA 12" x 12", 6" Projection, Laminated Rubber Dock Bumper	229.55	22.85
11 13 13 00-0026 EA 14" x 12", 6" Projection, Laminated Rubber Dock Bumper	239.82	22.85
11 13 13 00-0027 EA 18" x 12", 6" Projection, Laminated Rubber Dock Bumper	280.53	22.85
11 13 13 00-0028 EA 24" x 12", 6" Projection, Laminated Rubber Dock Bumper	341.25	22.85
11 13 13 00-0029 EA 36" x 12", 6" Projection, Laminated Rubber Dock Bumper	511.29	22.85
11 13 13 00-0030 EA 11" x 20", 6" Projection, Laminated Rubber Dock Bumper	290.45	22.85
11 13 13 00-0031 EA 11" x 24", 6" Projection, Laminated Rubber Dock Bumper	331.16	22.85
11 13 13 00-0032 EA 11" x 36", 6" Projection, Laminated Rubber Dock Bumper	336.58	22.85
11 13 13 00-0033 Extruded Rubber Dock Bumpers (11 13 13)		
11 13 13 00-0034 1-3/4" Projection, Extruded Rubber Dock Bumpers (11 13 13 00-0033)		
11 13 13 00-0035 EA 12" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	76.18	22.85
11 13 13 00-0036 EA 18" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	81.21	22.85
11 13 13 00-0037 EA 24" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	87.91	22.85
11 13 13 00-0038 EA 36" x 2", 1-3/4" Projection, Extruded Rubber Dock Bumper.....	94.62	22.85
11 13 13 00-0039 4" Projection, Extruded Rubber Dock Bumpers (11 13 13 00-0033)		
11 13 13 00-0040 EA 12" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	102.47	22.85
11 13 13 00-0041 EA 18" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	123.61	22.85
11 13 13 00-0042 EA 24" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	129.70	22.85
11 13 13 00-0043 EA 36" x 4-1/2", 4" Projection, Extruded Rubber Dock Bumper.....	143.57	22.85
11 13 13 00-0044 6" Projection, Extruded Rubber Dock Bumpers (11 13 13 00-0033)		
11 13 13 00-0045 EA 12" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	125.29	22.85
11 13 13 00-0046 EA 18" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	153.79	22.85
11 13 13 00-0047 EA 24" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	177.26	22.85
11 13 13 00-0048 EA 36" x 6", 6" Projection, Extruded Rubber Dock Bumper.....	222.04	22.85
11 13 13 00-0049 Molded Rubber Dock Bumpers (11 13 13)		
11 13 13 00-0050 Rectangular Molded Rubber Dock Bumpers (11 13 13 00-0049)		
11 13 13 00-0051 EA 18" x 8", 2" Projection, Rectangular Molded Rubber Dock Bumper	109.01	22.85
11 13 13 00-0052 EA 10" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	96.06	22.85
11 13 13 00-0053 EA 20" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	125.61	22.85
11 13 13 00-0054 EA 30" x 4-1/2", 3" Projection, Rectangular Molded Rubber Dock Bumper.....	155.40	22.85
11 13 13 00-0055 EA 24" x 12", 3" Projection, Rectangular Molded Rubber Dock Bumper	162.44	22.85
11 13 13 00-0056 EA 13" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	122.22	22.85
11 13 13 00-0057 EA 18" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	156.59	22.85
11 13 13 00-0058 EA 30" x 10", 4" Projection, Rectangular Molded Rubber Dock Bumper	227.34	22.85
11 13 13 00-0059 EA 13" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	132.50	22.85
11 13 13 00-0060 EA 24" x 12", 4" Projection, Rectangular Molded Rubber Dock Bumper	195.35	22.85
11 13 13 00-0061 EA 18" x 18", 4" Projection, Rectangular Molded Rubber Dock Bumper	194.73	22.85
11 13 13 00-0062 EA 24" x 12", 6" Projection, Rectangular Molded Rubber Dock Bumper	294.78	22.85
11 13 13 00-0063 T And L Shaped Rubber Dock Bumpers (11 13 13 00-0049)		
11 13 13 00-0064 EA 22" x 22", 3" Projection, T Shaped Molded Rubber Dock Bumper.....	185.05	22.85
11 13 13 00-0065 EA 18" x 18", 4" Projection, L Shaped Molded Rubber Dock Bumper.....	171.37	22.85
11 13 16 Loading Dock Seals and Shelters (11 13)		
11 13 16 13 Loading Dock Seals (11 13 16)		
11 13 16 13-0001 Vinyl Loading Dock Seals (11 13 16 13)		
11 13 16 13-0002 Standard Vinyl Loading Dock Seals (11 13 16 13-0001)		
11 13 16 13-0003 LF 10" Projection, Standard, Vinyl Loading Dock Seal	97.91	22.85
11 13 16 13-0004 LF 11" Projection, Standard, Vinyl Loading Dock Seal	99.19	22.85
11 13 16 13-0005 LF 12" Projection, Standard, Vinyl Loading Dock Seal	100.47	22.85
11 13 16 13-0006 LF 13" Projection, Standard, Vinyl Loading Dock Seal	103.04	22.85
11 13 16 13-0007 LF 14" Projection, Standard, Vinyl Loading Dock Seal	105.60	22.85
11 13 16 13-0008 LF 15" Projection, Standard, Vinyl Loading Dock Seal	108.21	22.85
11 13 16 13-0009 LF 16" Projection, Standard, Vinyl Loading Dock Seal	110.81	22.85
11 13 16 13-0010 LF 17" Projection, Standard, Vinyl Loading Dock Seal	113.48	22.85
11 13 16 13-0011 LF 18" Projection, Standard, Vinyl Loading Dock Seal	116.15	22.85
11 13 16 13-0012 LF 19" Projection, Standard, Vinyl Loading Dock Seal	118.72	22.85
11 13 16 13-0013 LF 20" Projection, Standard, Vinyl Loading Dock Seal	121.28	22.85
11 13 16 13-0014 LF 22" Projection, Standard, Vinyl Loading Dock Seal	126.49	22.85
11 13 16 13-0015 8" Exposure Wear Pleats, Vinyl Loading Dock Seals (11 13 16 13-0001)		
11 13 16 13-0016 LF 10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	113.16	22.85
11 13 16 13-0017 LF 11" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	114.44	22.85
11 13 16 13-0018 LF 12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	115.72	22.85
11 13 16 13-0019 LF 13" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	118.33	22.85
11 13 16 13-0020 LF 14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal	120.93	22.85

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 16 13-0021 LF 15" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	123.49	22.85
11 13 16 13-0022 LF 16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	126.06	22.85
11 13 16 13-0023 LF 17" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	128.66	22.85
11 13 16 13-0024 LF 18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	131.26	22.85
11 13 16 13-0025 LF 19" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	133.83	22.85
11 13 16 13-0026 LF 20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	136.47	22.85
11 13 16 13-0027 LF 22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	141.60	22.85
11 13 16 13-0028 4" Exposure Wear Pleats, Vinyl Loading Dock Seals <small>(11 13 16 13-0001)</small>		
11 13 16 13-0029 LF 10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	121.28	22.85
11 13 16 13-0030 LF 11" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	122.60	22.85
11 13 16 13-0031 LF 12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	123.92	22.85
11 13 16 13-0032 LF 13" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	126.49	22.85
11 13 16 13-0033 LF 14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	129.05	22.85
11 13 16 13-0034 LF 15" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	131.65	22.85
11 13 16 13-0035 LF 16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	134.26	22.85
11 13 16 13-0036 LF 17" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	136.82	22.85
11 13 16 13-0037 LF 18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	139.39	22.85
11 13 16 13-0038 LF 19" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	141.99	22.85
11 13 16 13-0039 LF 20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	144.59	22.85
11 13 16 13-0040 LF 22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal.....	149.87	22.85
11 13 16 13-0041 Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13)</small>		
11 13 16 13-0042 Standard, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0043 LF 10" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	91.11	22.85
11 13 16 13-0044 LF 12" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	93.13	22.85
11 13 16 13-0045 LF 14" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	97.59	22.85
11 13 16 13-0046 LF 16" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	101.99	22.85
11 13 16 13-0047 LF 18" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	106.51	22.85
11 13 16 13-0048 LF 20" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	110.91	22.85
11 13 16 13-0049 LF 22" Projection, Standard, Vinyl Loading Dock Seal With Drape Curtain.....	115.37	22.85
11 13 16 13-0050 8" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0051 LF 10" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	105.53	22.85
11 13 16 13-0052 LF 12" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	107.61	22.85
11 13 16 13-0053 LF 14" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	112.07	22.85
11 13 16 13-0054 LF 16" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	116.53	22.85
11 13 16 13-0055 LF 18" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	120.93	22.85
11 13 16 13-0056 LF 20" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	125.39	22.85
11 13 16 13-0057 LF 22" Projection, 8" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	129.79	22.85
11 13 16 13-0058 4" Exposure Wear Pleats, Vinyl Loading Dock Seals With Drape Curtain <small>(11 13 16 13-0041)</small>		
11 13 16 13-0059 LF 10" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	113.35	22.85
11 13 16 13-0060 LF 12" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	115.37	22.85
11 13 16 13-0061 LF 14" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	119.89	22.85
11 13 16 13-0062 LF 16" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	124.29	22.85
11 13 16 13-0063 LF 18" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	128.75	22.85
11 13 16 13-0064 LF 20" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	133.15	22.85
11 13 16 13-0065 LF 22" Projection, 4" Exposure Wear Pleats, Vinyl Loading Dock Seal With Drape Curtain.....	137.67	22.85
11 13 16 23 Loading Dock Shelters <small>(11 13 16)</small>		
11 13 16 23-0001 Retractable Vinyl Loading Dock Shelter <small>(11 13 16 23)</small>		
11 13 16 23-0002 LF Retractable Vinyl Dock Shelters, Scissor Arms.....	153.09	28.56
11 13 16 23-0003 Rigid Loading Dock Shelters <small>(11 13 16 23)</small>		
11 13 16 23-0004 LF 18" Projection, Rigid Loading Dock Shelter.....	114.83	27.42
11 13 16 23-0005 LF 24" Projection, Rigid Loading Dock Shelter.....	119.57	27.42
11 13 16 23-0006 LF 30" Projection, Rigid Loading Dock Shelter.....	124.19	28.56
11 13 16 23-0007 LF 36" Projection, Rigid Loading Dock Shelter.....	127.45	28.56
11 13 19 Stationary Loading Dock Equipment <small>(11 13)</small>		
<small>Note: Includes all anchor bolts and fasteners.</small>		
11 13 19 13 Loading Dock Levelers <small>(11 13 19)</small>		
11 13 19 13-0001 Hydraulic Dock Levelers <small>(11 13 19 13)</small>		
<small>Note: Excludes control panel, remote operator, and electrical wiring.</small>		
11 13 19 13-0002 20,000 LB Hydraulic Dock Levelers <small>(11 13 19 13-0001)</small>		
11 13 19 13-0003 EA 6' x 6', 20,000 LB Hydraulic Dock Leveler.....	8,131.66	935.43
11 13 19 13-0004 EA 6' x 8', 20,000 LB Hydraulic Dock Leveler.....	8,699.18	1,039.36
11 13 19 13-0005 EA 6' x 10', 20,000 LB Hydraulic Dock Leveler.....	10,642.02	1,247.23
11 13 19 13-0006 EA 7' x 6', 20,000 LB Hydraulic Dock Leveler.....	8,652.35	1,039.36

11	11 Equipment
	11 10 Vehicle and Pedestrian Equipment
	11 13 Loading Dock Equipment

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0007 EA 7' x 8', 20,000 LB Hydraulic Dock Leveler.....	9,398.04	1,143.30
11 13 19 13-0008 EA 7' x 10', 20,000 LB Hydraulic Dock Leveler.....	11,267.45	1,351.17
11 13 19 13-0009 25,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0010 EA 6' x 6', 25,000 LB Hydraulic Dock Leveler.....	8,296.39	935.43
11 13 19 13-0011 EA 6' x 8', 25,000 LB Hydraulic Dock Leveler.....	8,869.06	1,039.36
11 13 19 13-0012 EA 6' x 10', 25,000 LB Hydraulic Dock Leveler.....	10,801.19	1,247.23
11 13 19 13-0013 EA 7' x 6', 25,000 LB Hydraulic Dock Leveler.....	8,812.94	1,039.36
11 13 19 13-0014 EA 7' x 8', 25,000 LB Hydraulic Dock Leveler.....	9,546.36	1,143.30
11 13 19 13-0015 EA 7' x 10', 25,000 LB Hydraulic Dock Leveler.....	11,579.64	1,351.17
11 13 19 13-0016 30,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0017 EA 6' x 6', 30,000 LB Hydraulic Dock Leveler.....	8,691.46	1,091.33
11 13 19 13-0018 EA 6' x 8', 30,000 LB Hydraulic Dock Leveler.....	9,246.47	1,247.23
11 13 19 13-0019 EA 6' x 10', 30,000 LB Hydraulic Dock Leveler.....	11,258.60	1,455.10
11 13 19 13-0020 EA 7' x 6', 30,000 LB Hydraulic Dock Leveler.....	9,246.47	1,247.23
11 13 19 13-0021 EA 7' x 8', 30,000 LB Hydraulic Dock Leveler.....	9,949.06	1,403.14
11 13 19 13-0022 EA 7' x 10', 30,000 LB Hydraulic Dock Leveler.....	11,961.19	1,507.08
11 13 19 13-0023 35,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0024 EA 6' x 6', 35,000 LB Hydraulic Dock Leveler.....	8,994.51	1,143.30
11 13 19 13-0025 EA 6' x 8', 35,000 LB Hydraulic Dock Leveler.....	9,551.05	1,299.21
11 13 19 13-0026 EA 6' x 10', 35,000 LB Hydraulic Dock Leveler.....	10,759.27	1,507.08
11 13 19 13-0027 EA 7' x 6', 35,000 LB Hydraulic Dock Leveler.....	9,551.05	1,299.21
11 13 19 13-0028 EA 7' x 8', 35,000 LB Hydraulic Dock Leveler.....	10,372.65	1,455.10
11 13 19 13-0029 EA 7' x 10', 35,000 LB Hydraulic Dock Leveler.....	12,430.54	1,559.04
11 13 19 13-0030 40,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0031 EA 6' x 6', 40,000 LB Hydraulic Dock Leveler.....	9,513.20	1,143.30
11 13 19 13-0032 EA 6' x 8', 40,000 LB Hydraulic Dock Leveler.....	10,069.00	1,299.21
11 13 19 13-0033 EA 6' x 10', 40,000 LB Hydraulic Dock Leveler.....	12,113.14	1,507.08
11 13 19 13-0034 EA 7' x 6', 40,000 LB Hydraulic Dock Leveler.....	10,069.00	1,299.21
11 13 19 13-0035 EA 7' x 8', 40,000 LB Hydraulic Dock Leveler.....	10,891.53	1,455.10
11 13 19 13-0036 EA 7' x 10', 40,000 LB Hydraulic Dock Leveler.....	12,949.08	1,559.04
11 13 19 13-0037 45,000 LB Hydraulic Dock Levelers (11 13 19 13-0001)		
11 13 19 13-0038 EA 6' x 6', 45,000 LB Hydraulic Dock Leveler.....	9,954.79	1,195.26
11 13 19 13-0039 EA 6' x 8', 45,000 LB Hydraulic Dock Leveler.....	10,520.18	1,351.17
11 13 19 13-0040 EA 6' x 10', 45,000 LB Hydraulic Dock Leveler.....	12,553.13	1,559.04
11 13 19 13-0041 EA 7' x 6', 45,000 LB Hydraulic Dock Leveler.....	10,521.75	1,351.17
11 13 19 13-0042 EA 7' x 8', 45,000 LB Hydraulic Dock Leveler.....	11,337.10	1,507.08
11 13 19 13-0043 EA 7' x 10', 45,000 LB Hydraulic Dock Leveler.....	13,380.44	1,611.01
11 13 19 13-0044 Manual Dock Levelers (11 13 19 13)		
11 13 19 13-0045 20,000 LB Manual Dock Levelers (11 13 19 13-0044)		
11 13 19 13-0046 EA 6' x 6', 20,000 LB Manual Dock Leveler.....	6,443.86	935.43
11 13 19 13-0047 EA 6' x 8', 20,000 LB Manual Dock Leveler.....	7,022.05	1,039.36
11 13 19 13-0048 EA 6' x 10', 20,000 LB Manual Dock Leveler.....	8,954.23	1,247.23
11 13 19 13-0049 EA 7' x 6', 20,000 LB Manual Dock Leveler.....	6,966.08	1,039.36
11 13 19 13-0050 EA 7' x 8', 20,000 LB Manual Dock Leveler.....	7,710.24	1,143.30
11 13 19 13-0051 EA 7' x 10', 20,000 LB Manual Dock Leveler.....	9,751.78	1,247.23
11 13 19 13-0052 40,000 LB Manual Dock Levelers (11 13 19 13-0044)		
11 13 19 13-0053 EA 6' x 6', 40,000 LB Manual Dock Leveler.....	7,974.69	1,039.36
11 13 19 13-0054 EA 6' x 8', 40,000 LB Manual Dock Leveler.....	8,530.49	1,143.30
11 13 19 13-0055 EA 6' x 10', 40,000 LB Manual Dock Leveler.....	9,267.65	1,351.17
11 13 19 13-0056 EA 7' x 6', 40,000 LB Manual Dock Leveler.....	8,530.49	1,143.30
11 13 19 13-0057 EA 7' x 8', 40,000 LB Manual Dock Leveler.....	9,701.85	1,247.23
11 13 19 13-0058 EA 7' x 10', 40,000 LB Manual Dock Leveler.....	11,410.56	1,455.10
11 13 19 13-0059 Edge Of Dock Levelers (11 13 19 13)		
Note: Mounted on face of dock, single torsion bar counter balance, includes bumpers.		
11 13 19 13-0060 Hydraulic Edge Of Dock Levelers (11 13 19 13-0059)		
Note: Excludes control panel, remote operator, and electrical wiring.		
11 13 19 13-0061 EA 66" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2066).....	4,520.28	311.81
11 13 19 13-0062 EA 72" Usable Width, 20,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2072).....	4,861.05	311.81
11 13 19 13-0063 EA 66" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2566).....	4,811.74	311.81
11 13 19 13-0064 EA 72" Usable Width, 25,000 LB Edge Of Dock Leveler, Hydraulic (Vestil PE-2572).....	5,279.55	311.81
11 13 19 13-0065 EA 66" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED6620).....	5,148.42	311.81
11 13 19 13-0066 EA 72" Usable Width, 20,000 LB Conventional Trailer, HED Series Edge Of Dock Leveler, Hydraulic (DLM HED7220).....	5,441.10	311.81

Equipment	11	
Vehicle and Pedestrian Equipment	11 10	⇄
Loading Dock Equipment	11 13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 19 13-0067 Manual Edge Of Dock Levelers <small>(11 13 19 13-0059)</small>		
11 13 19 13-0068 EA 66" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2066).....	2,349.52	311.81
11 13 19 13-0069 EA 72" Usable Width, 20,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2072).....	2,554.81	311.81
11 13 19 13-0070 EA 66" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2566).....	2,617.59	311.81
11 13 19 13-0071 EA 72" Usable Width, 25,000 LB Edge Of Dock Leveler, Manual (Vestil FM-2572).....	2,771.54	311.81
11 13 19 13-0072 EA 66" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP66).....	2,807.04	311.81
11 13 19 13-0073 EA 72" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP72).....	3,193.30	311.81
11 13 19 13-0074 EA 78" Usable Width, 25,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 25EP78).....	3,477.46	311.81
11 13 19 13-0075 EA 72" Usable Width, 30,000 LB Conventional Trailer, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72).....	3,518.30	311.81
11 13 19 13-0076 EA 66" Usable Width, 20,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 20EP66-R).....	3,130.34	311.81
11 13 19 13-0077 EA 78" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP78-R).....	4,309.54	311.81
11 13 19 13-0078 EA 72" Usable Width, 30,000 LB Refrigerated Truck, Edge Of Dock Leveler, Manual (Bluff Manufacturing 30EP72-R).....	4,056.00	311.81
11 13 19 23 Stationary Loading Dock Lifts <small>(11 13 19)</small>		
11 13 19 23-0001 Top Of Ground, Fixed Platform Lifts <small>(11 13 19 23)</small>		
11 13 19 23-0002 EA 6' x 8', 5,500 LB Top Of Ground, Fixed Platform Lift.....	17,091.99	230.21
11 13 19 23-0003 Pit Mounted, Fixed Platform Lifts <small>(11 13 19 23)</small>		
11 13 19 23-0004 EA 6' x 8', 5,000 LB Fixed Platform Lift, Pit Mounted.....	12,358.34	230.21
11 13 19 23-0005 EA 6' x 8', 8,000 LB Fixed Platform Lift, Pit Mounted.....	22,231.00	345.31
11 13 19 23-0006 EA 7' x 12', 15,000 LB Fixed Platform Lift, Pit Mounted.....	38,953.74	690.64
11 13 19 23-0007 EA 8' x 20', 15,000 LB Fixed Platform Lift, Pit Mounted.....	40,826.39	920.85
11 13 19 26 Loading Dock Truck Lifts <small>(11 13 19)</small>		
11 13 19 26-0001 Hydraulic Truck Lifts <small>(11 13 19 26)</small>		
11 13 19 26-0002 EA 10' x 15', 60,000 LB Platform Truck Lift.....	35,746.84	1,677.06
11 13 19 26-0003 EA 10' x 20', 60,000 LB Platform Truck Lift.....	40,865.25	2,012.46
11 13 19 33 Loading Dock Truck Restraints <small>(11 13 19)</small>		
11 13 19 33-0001 Truck Restraint System <small>(11 13 19 33)</small>		
11 13 19 33-0002 EA Electrical Operated Loading Dock Ground Mounted Vehicle Restraint (Serco SL60)..... Note: Includes Integrated Control Panel & Automatic Light Communication Package, minimum 32,000 LB restraint capacity and Manufacturer's standard concrete anchor bolts and brackets for ground mounting to concrete apron.	9,616.50	389.76
11 13 19 33-0003 EA Push Button Rotating Hook Trailer Restraint With Automatic Lights (Kelley Star 4)..... Note: Includes push button controls, warning lights, alarms, minimum 32,000 LB restraint capacity, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	10,241.10	389.76
11 13 19 33-0004 EA Truck Restraint System (Poweramp Powerstop AAL)..... Note: Includes push button controls, warning lights, alarms, 30,000 LB holding force, all mounting plates, bolts, welds, warning signs, gasketed weatherproof box for controls, 120 V UL listed.	8,402.00	389.76
11 13 23 Portable Dock Equipment <small>(11 13)</small>		
11 13 23 23 Portable Dock Platforms <small>(11 13 23)</small>		
11 13 23 23-0001 EA 6' x 6', 5,000 LB Capacity Portable Platform Lift.....	14,648.95	102.74
11 13 26 Loading Dock Lights <small>(11 13)</small>		
11 13 26 00-0001 Communication Lights <small>(11 13 26)</small>		
11 13 26 00-0002 EA Console Controlled, Dock Communication Light, Stop And Go Red Light Style, 12 Or 24 Volt DC Or 115 Volt AC..... Note: Excludes control console.	370.44	81.62
11 13 26 00-0003 EA Toggle Switch Controlled, Dock Communication Light, Stop And Go Red Light Style, With Solid State Flasher, 12 Or 24 Volt DC Or 115 Volt AC.....	466.96	81.62
11 13 26 00-0004 EA Dock Guide Light For Truck Backing.....	197.08	65.30
11 13 26 00-0005 Communication Lights Controls <small>(11 13 26)</small>		
11 13 26 00-0006 EA Dock Communication Lights Control Console For Up To Two Docks.....	383.11	108.83
11 13 26 00-0007 Loading Dock Lights <small>(11 13 26)</small>		
11 13 26 00-0008 Incandescent Loading Dock Lights <small>(11 13 26 00-0007)</small>		
11 13 26 00-0009 EA 24" Long, Single Arm Loading Dock Light, 300W Incandescent.....	450.77	108.83
11 13 26 00-0010 EA 40" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	397.37	108.83
11 13 26 00-0011 EA 60" Long, Dual Arm Loading Dock Light, 300W Incandescent.....	532.09	108.83
11 13 26 00-0012 Metal Halide Loading Dock Lights <small>(11 13 26 00-0007)</small>		
11 13 26 00-0013 EA 24" Long, Single Arm Loading Dock Light, 100W Metal Halide.....	635.36	108.83
11 13 26 00-0014 EA 40" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	698.66	108.83
11 13 26 00-0015 EA 60" Long, Dual Arm Loading Dock Light, 100W Metal Halide.....	749.27	108.83

11	11 Equipment
	11 10 Vehicle and Pedestrian Equipment
	11 13 Loading Dock Equipment



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 13 26 00-0016 Quartz Halogen Loading Dock Lights <small>(11 13 26 00-0007)</small>		
11 13 26 00-0017 EA 24" Long, Single Arm Loading Dock Light, 500W Quartz Halogen	390.25	108.83
11 13 26 00-0018 EA 40" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	430.30	108.83
11 13 26 00-0019 EA 60" Long, Dual Arm Loading Dock Light, 500W Quartz Halogen	464.47	108.83
11 14 Pedestrian Control Equipment <small>(11 10)</small>		
11 14 13 Pedestrian Gates <small>(11 14)</small>		
11 14 13 16 Rotary Gates <small>(11 14 13)</small>		
11 14 13 16-0001 Access Control Indoor Or Outdoor Impenetrability <small>(11 14 13 16)</small>		
11 14 13 16-0002 Mechanical <small>(11 14 13 16-0001)</small>		
11 14 13 16-0003 Galvanized Steel <small>(11 14 13 16-0002)</small>		
11 14 13 16-0004 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Galvanized Steel	12,320.55	1,530.68
11 14 13 16-0005 EA One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	13,920.62	1,530.68
11 14 13 16-0006 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, 4 Rotor Sections, Galvanized Steel	27,768.68	2,283.71
11 14 13 16-0007 EA One-Way, Double 7' High Exit Rotary Gate, 3 Or 4 Rotor Sections, Galvanized Steel	26,886.29	2,283.71
11 14 13 16-0008 Powder Coated Steel <small>(11 14 13 16-0002)</small>		
11 14 13 16-0009 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	13,941.21	1,530.68
11 14 13 16-0010 EA One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Powder Coated Steel	15,479.51	1,530.68
11 14 13 16-0011 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	32,801.25	2,283.71
11 14 13 16-0012 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Powder Coated Steel	29,545.23	2,283.71
11 14 13 16-0013 Anodized Aluminum <small>(11 14 13 16-0002)</small>		
11 14 13 16-0014 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	14,644.18	1,530.68
11 14 13 16-0015 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	25,412.28	1,530.68
11 14 13 16-0016 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	29,415.81	2,283.71
11 14 13 16-0017 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Complete Anodized Aluminum	49,699.02	2,283.71
11 14 13 16-0018 Stainless Steel <small>(11 14 13 16-0002)</small>		
11 14 13 16-0019 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	23,159.24	1,530.68
11 14 13 16-0020 EA One-Way, Single 7' High Exit Rotary Gate, 4 Rotor Sections, Stainless Steel	26,000.54	1,530.68
11 14 13 16-0021 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	37,180.84	2,283.71
11 14 13 16-0022 EA One-Way, Double 7' High Exit Rotary Gate, 3 Rotor Sections, Stainless Steel	46,416.53	2,283.71
11 14 13 16-0023 Transparent <small>(11 14 13 16-0002)</small>		
11 14 13 16-0024 EA One-Way, Single 7' High Exit Rotary Gate, 3 Rotor Sections, Transparent	46,001.38	1,530.92
11 14 13 16-0025 Mechanical Options <small>(11 14 13 16-0001)</small>		
11 14 13 16-0026 EA Out-of-Use Lock Option, Add	250.01	
11 14 13 16-0027 EA Heel Protector (Each Heel Protector), Add	176.48	
11 14 13 16-0028 Electrical, One-Way <small>(11 14 13 16-0001)</small>		
11 14 13 16-0029 Galvanized Steel <small>(11 14 13 16-0028)</small>		
11 14 13 16-0030 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	13,029.41	1,530.68
11 14 13 16-0031 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	14,632.41	1,530.68
11 14 13 16-0032 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	30,415.85	2,283.71
11 14 13 16-0033 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel	28,030.46	2,283.71
11 14 13 16-0034 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel	30,415.85	2,283.71
11 14 13 16-0035 Powder Coated Steel <small>(11 14 13 16-0028)</small>		
11 14 13 16-0036 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	14,647.12	1,530.68
11 14 13 16-0037 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	16,438.37	1,530.68
11 14 13 16-0038 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	40,736.88	2,283.71
11 14 13 16-0039 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel	30,704.10	2,283.71
11 14 13 16-0040 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel	33,095.38	2,283.71
11 14 13 16-0041 Anodized Aluminum <small>(11 14 13 16-0028)</small>		
11 14 13 16-0042 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	14,941.25	1,530.68
11 14 13 16-0043 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	15,853.05	1,530.68
11 14 13 16-0044 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	26,294.67	1,530.68
11 14 13 16-0045 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	31,036.47	2,283.71
11 14 13 16-0046 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms	34,533.67	2,283.71
11 14 13 16-0047 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum	51,225.55	2,283.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 13 16-0048 Stainless Steel <small>(11 14 13 16-0028)</small>		
11 14 13 16-0049 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	24,644.60	1,530.68
11 14 13 16-0050 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	26,379.97	1,530.68
11 14 13 16-0051 EA One-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	42,698.72	2,283.71
11 14 13 16-0052 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	48,684.27	2,283.71
11 14 13 16-0053 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	53,681.54	2,283.71
11 14 13 16-0054 Transparent <small>(11 14 13 16-0028)</small>		
11 14 13 16-0055 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	41,951.21	1,530.92
11 14 13 16-0056 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	44,410.14	1,530.92
11 14 13 16-0057 EA One-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels.....	45,483.71	1,530.92
11 14 13 16-0058 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	74,829.48	2,283.71
11 14 13 16-0059 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	79,564.98	2,283.71
11 14 13 16-0060 Electrical, Two-Way <small>(11 14 13 16-0001)</small>		
11 14 13 16-0061 Galvanized Steel <small>(11 14 13 16-0060)</small>		
11 14 13 16-0062 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	14,052.98	1,530.68
11 14 13 16-0063 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Galvanized Steel.....	15,703.05	1,530.68
11 14 13 16-0064 EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	36,039.62	2,283.71
11 14 13 16-0065 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Galvanized Steel.....	29,857.01	2,283.71
11 14 13 16-0066 Powder Coated Steel <small>(11 14 13 16-0060)</small>		
11 14 13 16-0067 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	15,544.22	1,530.68
11 14 13 16-0068 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Powder Coated Steel.....	17,438.41	1,530.68
11 14 13 16-0069 EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	41,625.15	2,283.71
11 14 13 16-0070 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Powder Coated Steel.....	32,545.36	2,283.71
11 14 13 16-0071 Anodized Aluminum <small>(11 14 13 16-0060)</small>		
11 14 13 16-0072 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	15,950.12	1,530.68
11 14 13 16-0073 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	16,820.74	1,530.68
11 14 13 16-0074 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	27,468.25	1,530.68
11 14 13 16-0075 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Anodized Aluminum With Stainless Steel Arms.....	33,092.44	2,283.71
11 14 13 16-0076 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Complete Anodized Aluminum.....	53,134.46	2,283.71
11 14 13 16-0077 Stainless Steel <small>(11 14 13 16-0060)</small>		
11 14 13 16-0078 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	25,638.76	1,530.68
11 14 13 16-0079 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	27,403.54	1,530.68
11 14 13 16-0080 EA Two-Way, "Handicapped" 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	43,428.17	2,283.71
11 14 13 16-0081 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Stainless Steel.....	50,154.92	2,283.71
11 14 13 16-0082 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Stainless Steel.....	55,711.03	2,283.71
11 14 13 16-0083 Transparent <small>(11 14 13 16-0060)</small>		
11 14 13 16-0084 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	42,804.19	1,530.92
11 14 13 16-0085 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	45,116.05	1,530.92
11 14 13 16-0086 EA Two-Way, Single 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Panels.....	46,442.57	1,530.92
11 14 13 16-0087 EA Two-Way, Double 7' High Exit Rotary Gate, Electric, 3 Rotor Sections, Transparent Arms.....	76,623.68	2,283.71
11 14 13 16-0088 EA One-Way, Double 7' High Exit Rotary Gate, Electric, 4 Rotor Sections, Transparent Arms.....	81,035.63	2,283.71
11 14 13 16-0089 Electrical Options <small>(11 14 13 16-0001)</small>		
11 14 13 16-0090 EA Additional Set Of Electric Controls, Per Rotor, Add.....	979.45	
11 14 13 16-0091 EA Indicator Lights, Set, Red/Green, Per Controlled Direction, Add.....	688.26	
11 14 13 16-0092 EA Time-Out-Relay, Per Controlled Direction.....	226.48	
11 14 13 16-0093 EA Pulse-Relay, Per Controlled Direction.....	226.48	
11 14 13 16-0094 EA Pushbutton, Per Controlled Direction.....	179.42	
11 14 13 16-0095 EA Heel Protectors, (Per Heel Protector), Add.....	176.48	
11 14 13 16-0096 EA Card Reader Mounting Pad, Per Reader.....	161.77	
11 14 13 16-0097 EA Hydraulic Speed Control (Per Rotor), Add.....	4,109.00	
11 14 13 16-0098 Relocate Rotary Gate <small>(11 14 13 16-0001)</small>		
11 14 13 16-0099 EA Relocate Rotary Gate.....	4,496.34	
11 14 13 19 Turnstiles <small>(11 14 13)</small>		
11 14 13 19-0001 Turnstiles <small>(11 14 13 19)</small>		
11 14 13 19-0002 EA 24" Diameter Manual Turnstile, Three Arm, Two Way.....	2,668.76	431.65
11 14 13 19-0003 EA 24" Diameter Manual Turnstile, Three Arm, Two Way With Counter.....	3,496.96	431.65

11	11 Equipment
	11 10 Vehicle and Pedestrian Equipment
	11 14 Pedestrian Control Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 14 16 Pedestrian Control Devices (11 14)					
11 14 16 00-0001			Retractable Barrier (11 14 16)		
11 14 16 00-0002	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 6-1/2' (WG269387BK)	91.84	18.49
11 14 16 00-0003	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 10' (WGB2093791)	169.81	18.49
11 14 16 00-0004	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 15' (WGB2093770)	208.80	18.49
11 14 16 00-0005	EA		Wall Mounted, Retractable Belt Barrier With Receiver; 30' (WGB2093771)	345.25	18.49
11 20 Commercial Equipment (11)					
11 21 Retail and Service Equipment (11 20)					
11 21 63 Refrigerated Display Equipment (11 21)					
11 21 63 00-0001			Dairy Products (11 21 63)		
11 21 63 00-0002			Refrigerated Dairy Case (11 21 63 00-0001)		
11 21 63 00-0003	LF		Refrigerated Case, Dairy, Multi-Deck..... <i>For Rear Sliding Doors, Add</i>	2,123.78 19.95	321.66
11 21 63 00-0004			Refrigerated Milk Unit (11 21 63 00-0001)		
11 21 63 00-0005	EA		46" x 32" x 49-1/2" Capacity: 12, 13" x 13" x 11" Refrigerated Milk Unit.....	11,486.98	233.35
11 21 63 00-0006			Refrigerated Ice Cream And Milk Dispenser (11 21 63 00-0001)		
11 21 63 00-0007	EA		63-1/2" x 28-1/2" x 35-3/8" Refrigerated Ice Cream And Milk Dispenser	12,737.26	256.27
11 21 63 00-0008			Ice Cream Dispenser (11 21 63 00-0001)		
11 21 63 00-0009	EA		46" x 28-1/2" x 35-3/8" Refrigerated Ice Cream Dispenser	10,637.46	215.78
11 21 63 00-0010			Drop-In Ice Cream Freezer (11 21 63 00-0001)		
11 21 63 00-0011	EA		27-7/8" x 16-9/16" x 28-1/4" 6 Gallon Drop-In Ice Cream Freezer	2,652.76	53.70
11 21 63 00-0012	EA		30" x 27-7/8" x 28-1/4" 12 Gallon Drop-In Ice Cream Freezer	3,466.56	70.22
11 21 63 00-0013			Ice Cream Cabinets (11 21 63 00-0001)		
11 21 63 00-0014	EA		46" x 32" x 42", 24 Gallon Ice Cream Cabinet	8,309.06	167.82
11 21 63 00-0015	EA		68" x 32" x 42", 48 Gallon Ice Cream Cabinet	11,834.11	242.20
11 21 63 00-0016			Delicatessen Case, Service Deli (11 21 63)		
11 21 63 00-0017	LF		Delicatessen Case, Single-Deck	2,173.41	268.05
11 21 63 00-0018	LF		Delicatessen Case, Multi-Deck	2,390.77	321.66
11 21 63 00-0019	EA		Delicatessen Case, 3 Shelf, 32" x 23" x 23".....	3,070.91	80.55
11 21 63 00-0020			Meat Case (11 21 63)		
11 21 63 00-0021	LF		Meat Case, Single - Deck	1,506.04	321.66
11 21 63 00-0022	LF		Meat Case, Multi - Deck.....	1,636.78	321.66
11 21 63 00-0023			Produce Case (11 21 63)		
11 21 63 00-0024	LF		Single Deck Produce Case	1,580.08	321.66
11 21 63 00-0025	LF		Multi-Deck Produce Case	1,754.90	321.66
11 21 63 00-0026			Bottle Coolers (11 21 63)		
11 21 63 00-0027	EA		Bottle Cooler, 6' Long	5,981.42	1,072.19
11 21 63 00-0028	EA		Bottle Cooler, 10' Long	8,888.98	1,608.27
11 21 63 00-0029			Cold Pan Units (11 21 63)		
11 21 63 00-0030	EA		5" x 48", Iced, Cold Pan Units	4,252.84	85.45
11 21 63 00-0031	EA		5" x 72", Iced, Cold Pan Units	5,908.02	119.55
11 21 63 00-0032	EA		8" x 72", Iced, Cold Pan Units	6,985.59	141.40
11 21 63 00-0033	EA		5" x 48", Mechanical, Cold Pan Units.....	7,180.77	146.09
11 21 63 00-0034	EA		8" x 48", Mechanical, Cold Pan Units.....	7,816.41	157.70
11 21 63 00-0035	EA		8" x 72", Mechanical, Cold Pan Units.....	9,288.22	186.37
11 21 63 00-0036			Cold Cabinets (Insulated) (11 21 63)		
11 21 63 00-0037	EA		69-3/4" x 32" x 24", Insulated Cold Cabinet	3,864.06	73.95

Equipment	11	
Commercial Equipment	11 20	⇌
Banking Equipment	11 22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 22 Banking Equipment (11 20)

11 22 13 Vault Equipment (11 22)

11 22 13 16 Safes (11 22 13)

11 22 13 16-0001 In Room Safes (11 22 13 16)

11 22 13 16-0002	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 25)	802.26	11.42
11 22 13 16-0003	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 41)	750.68	11.42
11 22 13 16-0004	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad Operated In Room Electronic Safe (SafeDecisions Sentinel 49)	781.63	11.42
11 22 13 16-0005	EA	8-1/8" x 7-3/16" x 10-3/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 25).....	874.47	11.42
		Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.		
11 22 13 16-0006	EA	8-1/8" x 7-3/16" x 16-5/8" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 41).....	905.42	11.42
		Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.		
11 22 13 16-0007	EA	8-1/8" x 7-3/16" x 19-13/16" Keypad (Lighted) Operated In Room Electronic Safe (SafeDecisions Infinity 49).....	936.37	11.42
		Note: Keypad lights up blue and beeps when buttons pushed. Includes light on inside of safe door.		
11 22 13 16-0008	EA	7-5/8" x 14" x 10-11/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 27)	594.77	14.28
		Note: Includes security wire.		
11 22 13 16-0009	EA	7-5/8" x 14" x 17-1/2" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 43)	615.41	14.28
		Note: Includes security wire.		
11 22 13 16-0010	EA	7-5/8" x 14" x 20-3/16" Keypad Operated In Drawer Electronic Safe (SafeDecisions X-Tra II-XD 50)	636.04	14.28
		Note: Includes security wire.		

11 28 Office Equipment (11 20)

11 28 13 Computers (11 28)

11 28 13 00-0001 Accessories (11 28 13)

11 28 13 00-0002	EA	32" Wall Track, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KN-020).....	1,126.67	54.31
11 28 13 00-0003	EA	32" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-KU-020).....	1,385.73	59.75
11 28 13 00-0004	EA	32" Wall Track, eDesk, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EN-020).....	1,809.57	65.18
11 28 13 00-0005	EA	32" Wall Track, eDesk, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AN-EU-020)	1,956.89	70.60
11 28 13 00-0006	EA	32" Wall Track, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KN-020).....	1,441.88	59.75
11 28 13 00-0007	EA	32" Wall Track, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-KU-020).....	1,505.38	59.75
11 28 13 00-0008	EA	32" Wall Track, eDesk, 18" Extension Arm, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EN-020)	2,135.66	76.04
11 28 13 00-0009	EA	32" Wall Track, eDesk, 18" Extension Arm, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (enovate Medical E997AA-EU-020)	2,272.10	76.04
11 28 13 00-0010	EA	25" Wall Track, Universal CPU Holder, Keyboard Tray, Monitor Bracket, Articulating Wall Arm (Ergotron 45-271-026).....	1,195.56	59.75
11 28 13 00-0011	EA	37" To 61" Universal Tilt Flat Monitor Wall Mount (Premier Mounts CTM-MS2).....	322.24	59.75
11 28 13 00-0012	EA	32" To 56" Universal Tilt Flat Monitor Wall Mount (Peerless ST650P)	227.37	59.75

11 30 Residential Equipment (11)

11 30 13 Residential Appliances (11 30)

11 30 13 13 Residential Kitchen Appliances (11 30 13)

Note: Includes standard colors. Excludes stainless steel.

11 30 13 13-0001 Ranges With Ovens (11 30 13 13)

Note: Free standing or slide in.

11 30 13 13-0002 Electric Ranges With Ovens (11 30 13 13-0001)

11 30 13 13-0003	EA	20" Electric Range With Oven	869.34	82.19
		<i>For Stainless Steel, Add</i>	176.24	
11 30 13 13-0004	EA	24" Electric Range With Oven	909.73	82.19
		<i>For Stainless Steel, Add</i>	186.34	
11 30 13 13-0005	EA	30" Electric Range With Oven	888.13	82.19
		<i>For Stainless Steel, Add</i>	201.49	
11 30 13 13-0006	EA	30" Free-Standing Electric Range With Oven (Hotpoint® RB525DHWW).....	949.61	82.19

11 30 13 13-0007 Gas Ranges With Ovens (11 30 13 13-0001)

11 30 13 13-0008	EA	20" Gas Range With Oven.....	970.33	82.19
		<i>For Stainless Steel, Add</i>	201.49	
11 30 13 13-0009	EA	24" Gas Range With Oven.....	1,022.85	82.19
		<i>For Stainless Steel, Add</i>	214.62	
11 30 13 13-0010	EA	30" Gas Range With Oven.....	1,071.33	82.19
		<i>For Stainless Steel, Add</i>	226.74	

11 30 13 13-0011 Range Hoods (11 30 13 13)

11 30 13 13-0012 Venting Range Hoods (11 30 13 13-0011)

11 30 13 13-0013	EA	21" Venting Range Hood (Broan 40000)	282.24	61.65
		<i>For Stainless Steel, Add</i>	23.84	
11 30 13 13-0014	EA	24" Venting Range Hood (Broan 40000)	258.62	61.65
		<i>For Stainless Steel, Add</i>	20.30	

11	Equipment
11 30	Residential Equipment
11 30 13	Residential Appliances

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13	13-0015	EA	30" Venting Range Hood (Broan 40000) <i>For Stainless Steel, Add</i>	254.48 19.68	61.65
11 30 13	13-0016	EA	36" Venting Range Hood (Broan 40000) <i>For Stainless Steel, Add</i>	258.62 20.30	61.65
11 30 13	13-0017		Non-Ducted Range Hoods <small>(11 30 13 13-0011)</small>		
11 30 13	13-0018	EA	21" Non-Ducted Range Hood (Broan 41000) <i>For Stainless Steel, Add</i>	285.29 24.30	61.65
11 30 13	13-0019	EA	24" Non-Ducted Range Hood (Broan 41000) <i>For Stainless Steel, Add</i>	261.75 20.77	61.65
11 30 13	13-0020	EA	30" Non-Ducted Range Hood (Broan 41000) <i>For Stainless Steel, Add</i>	257.59 20.15	61.65
11 30 13	13-0021	EA	36" Non-Ducted Range Hood (Broan 41000) <i>For Stainless Steel, Add</i>	261.75 20.77	61.65
11 30 13	13-0022		Microwaves <small>(11 30 13 13)</small>		
11 30 13	13-0023		Countertop Microwaves <small>(11 30 13 13-0022)</small>		
11 30 13	13-0024	EA	1.1 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	186.18 24.84	10.28
11 30 13	13-0025	EA	1.2 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	222.52 30.30	10.28
11 30 13	13-0026	EA	1.3 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	228.58 31.20	10.28
11 30 13	13-0027	EA	1.4 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	281.12 39.09	10.28
11 30 13	13-0028	EA	1.5 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	301.32 42.12	10.28
11 30 13	13-0029	EA	1.6 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	321.52 45.15	10.28
11 30 13	13-0030	EA	1.7 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	341.71 48.17	10.28
11 30 13	13-0031	EA	1.8 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	361.91 51.20	10.28
11 30 13	13-0032	EA	2.0 CF Countertop Microwave Oven <i>For Stainless Steel, Add</i>	384.11 54.53	10.28
11 30 13	13-0033		Over-The-Range Microwaves <small>(11 30 13 13-0022)</small>		
11 30 13	13-0034	EA	1.5 CF Over-The Range Microwave <i>For Stainless Steel, Add</i>	639.54 77.44	82.18
11 30 13	13-0035	EA	1.6 CF Over-The Range Microwave <i>For Stainless Steel, Add</i>	727.22 90.59	82.18
11 30 13	13-0036	EA	1.7 CF Over-The Range Microwave <i>For Stainless Steel, Add</i>	755.48 94.83	82.18
11 30 13	13-0037	EA	1.8 CF Over-The Range Microwave <i>For Stainless Steel, Add</i>	967.57 126.65	82.18
11 30 13	13-0038	EA	2.0 CF Over-The Range Microwave <i>For Stainless Steel, Add</i>	767.62 96.65	82.18
11 30 13	13-0039	EA	1.6 CF Over-the-Range Microwave (Hotpoint® RVM5160DHWW) <i>For Stainless Steel, Add</i>	474.94 96.65	61.64
11 30 13	13-0040		Trash Compactors <small>(11 30 13 13)</small>		
11 30 13	13-0041	EA	15" Built-In Trash Compactor, 4 To 1 Compaction <i>For Stainless Steel, Add</i>	1,475.31 235.97	82.19
11 30 13	13-0042		Refrigerators <small>(11 30 13 13)</small>		
11 30 13	13-0043		Top Freezer Refrigerators <small>(11 30 13 13-0042)</small>		
11 30 13	13-0044	EA	Up To 10 CF Top Freezer Refrigerator <i>For Stainless Steel, Add</i>	728.54 96.95	41.10
11 30 13	13-0045	EA	>10 To 12 CF Top Freezer Refrigerator <i>For Stainless Steel, Add</i>	888.13 120.89	41.10
11 30 13	13-0046	EA	>12 To 14 CF Top Freezer Refrigerator <i>For Stainless Steel, Add</i>	991.12 136.34	41.10
11 30 13	13-0047	EA	>14 To 16 CF Top Freezer Refrigerator <i>For Stainless Steel, Add</i>	1,051.72 145.43	41.10
11 30 13	13-0048	EA	>16 To 18 CF Top Freezer Refrigerator <i>For Stainless Steel, Add</i>	1,213.31 169.67	41.10
11 30 13	13-0049	EA	>18 To 20 CF Top Freezer Refrigerator <i>For Stainless Steel, Add</i>	1,352.71 190.58	41.10
11 30 13	13-0050	EA	>20 To 22 CF Top Freezer Refrigerator <i>For Stainless Steel, Add</i>	1,455.70 206.03	41.10
11 30 13	13-0051	EA	14.6 CF, Top-Freezer Refrigerator (Hotpoint® ENERGY STAR® HPE15BTHWW) <i>For Stainless Steel, Add</i>	1,289.79 206.03	41.10
11 30 13	13-0052		Side-By-Side Refrigerators <small>(11 30 13 13-0042)</small>		
11 30 13	13-0053	EA	Up To 22 CF Side-By-Side Refrigerator <i>For Stainless Steel, Add</i>	1,495.88 212.05	41.10
11 30 13	13-0054	EA	>22 To 24 CF Side-By-Side Refrigerator <i>For Stainless Steel, Add</i>	1,859.68 266.62	41.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0055 EA >24 To 26 CF Side-By-Side Refrigerator..... <i>For Stainless Steel, Add</i>	2,102.07 302.98	41.10
11 30 13 13-0056 Other Refrigerators (11 30 13 13-0042)		
11 30 13 13-0057 EA 1.7 CF Dormitory Sized Refrigerator..... <i>For Stainless Steel, Add</i>	239.25 29.72	20.55
11 30 13 13-0058 EA 4.4 CF Dormitory Sized Refrigerator..... <i>For Stainless Steel, Add</i>	330.15 43.36	20.55
11 30 13 13-0059 Freezers (11 30 13 13)		
11 30 13 13-0060 Upright Freezers (11 30 13 13-0059)		
11 30 13 13-0061 EA Up To 10 CF Upright Freezer <i>For Stainless Steel, Add</i>	686.14 90.59	41.10
11 30 13 13-0062 EA >10 To 12 CF Upright Freezer..... <i>For Stainless Steel, Add</i>	888.13 120.89	41.10
11 30 13 13-0063 EA >12 To 14 CF Upright Freezer..... <i>For Stainless Steel, Add</i>	948.73 129.98	41.10
11 30 13 13-0064 EA >14 To 16 CF Upright Freezer..... <i>For Stainless Steel, Add</i>	1,090.12 151.19	41.10
11 30 13 13-0065 EA >16 To 18 CF Upright Freezer..... <i>For Stainless Steel, Add</i>	1,253.71 175.73	41.10
11 30 13 13-0066 EA >18 To 20 CF Upright Freezer..... <i>For Stainless Steel, Add</i>	1,334.53 187.85	41.10
11 30 13 13-0067 EA >20 To 22 CF Upright Freezer..... <i>For Stainless Steel, Add</i>	1,395.10 196.94	41.10
11 30 13 13-0068 Chest Freezers (11 30 13 13-0059)		
11 30 13 13-0069 EA Up To 8 CF Chest Freezer <i>For Stainless Steel, Add</i>	546.75 69.68	41.10
11 30 13 13-0070 EA >8 To 10 CF Chest Freezer <i>For Stainless Steel, Add</i>	688.14 90.89	41.10
11 30 13 13-0071 EA >10 To 12 CF Chest Freezer <i>For Stainless Steel, Add</i>	738.66 98.47	41.10
11 30 13 13-0072 EA >12 To 14 CF Chest Freezer <i>For Stainless Steel, Add</i>	829.53 112.10	41.10
11 30 13 13-0073 EA >14 To 16 CF Chest Freezer <i>For Stainless Steel, Add</i>	888.13 120.89	41.10
11 30 13 13-0074 EA >16 To 18 CF Chest Freezer <i>For Stainless Steel, Add</i>	1,090.12 151.19	41.10
11 30 13 13-0075 EA >18 To 20 CF Chest Freezer <i>For Stainless Steel, Add</i>	1,352.71 190.58	41.10
11 30 13 13-0076 EA >20 To 22 CF Chest Freezer <i>For Stainless Steel, Add</i>	1,395.10 196.94	41.10
11 30 13 13-0077 Automatic Ice Makers (11 30 13 13)		
11 30 13 13-0078 EA 15" Wide, 50 LB Per Day, Automatic Ice Maker	2,584.23	82.19
11 30 13 13-0079 EA 18" Wide, 50 LB Per Day, Automatic Ice Maker	2,887.22	82.19
11 30 13 13-0080 Built-In Dishwashers (11 30 13 13)		
11 30 13 13-0081 EA 18" Built-In Dishwasher..... <i>For Stainless Steel, Add</i>	1,234.92 160.58	82.19
11 30 13 13-0082 EA 24" Built-In Dishwasher..... <i>For Stainless Steel, Add</i>	810.74 96.95	82.19
11 30 13 13-0083 Disposals (11 30 13 13)		
11 30 13 13-0084 EA 1/3 HP Insulated Garbage Disposal (GE GFC320V).....	262.66	61.65
11 30 13 13-0085 EA 1/2 HP Insulated Garbage Disposal (GE GFC520V).....	303.06	61.65
11 30 13 13-0086 EA 3/4 HP Insulated Garbage Disposal (GE GFC720V).....	404.06	61.65
11 30 13 13-0087 EA 1 HP Insulated Garbage Disposal (GE GFC1020V).....	505.05	61.65
11 30 13 13-0088 Removal And Reinstallation Of Kitchen Equipment (11 30 13 13)		
Note: Includes storage, cleaning and final connections.		
11 30 13 13-0089 EA Removal And Reinstallation Of Garbage Disposal	123.29	
11 30 13 13-0090 EA Removal And Reinstallation Of Stove/Range	246.59	
11 30 13 13-0091 EA Removal And Reinstallation Of Dishwasher	263.03	
11 30 13 13-0092 EA Removal And Reinstallation Of Range Hood	123.29	
11 30 13 13-0093 EA Removal And Reinstallation Of Washer And Dryer.....	205.49	
11 30 13 13-0094 Appliance Repair (11 30 13 13)		
Note: Includes removal.		
11 30 13 13-0095 EA 8" Burner Replacement.....	30.86	
11 30 13 13-0096 EA 4" Burner Element Replacement	55.40	
11 30 13 13-0097 EA 8" Burner Element Replacement	63.64	
11 30 13 13-0098 EA Burner Manifold Replacement.....	208.74	

11	Equipment
11 30	Residential Equipment
11 30 13	Residential Appliances

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 13 13-0099	EA		Burner Switch Replacement	87.37	
11 30 13 13-0100	EA		Burner Tube, 5/8" x 4' Replacement	39.47	
11 30 13 13-0101	EA		Oven Control Replacement.....	106.04	
11 30 13 13-0102	EA		Oven Door Gasket Replacement.....	40.89	
11 30 13 13-0103	EA		Oven Element Replacement.....	99.91	
11 30 13 13-0104	EA		Oven Igniter Replacement.....	72.21	
11 30 13 13-0105	EA		Oven Knobs Replacement.....	55.49	
11 30 13 13-0106			Accessories (11 30 13 13)		
11 30 13 13-0107	SF		Colored Metal Range Splash Plate.....	18.28	3.29
11 30 13 13-0108	SF		Stainless Steel Range Splash Plate	27.68	3.29
11 30 13 13-0109			Automatic Water Softener (11 30 13 13)		
11 30 13 13-0110	EA		30,000 Grain Capacity, Water Softener (Whirlpool WHES30).....	1,281.43	197.39
11 30 13 13-0111	EA		40,000 Grain Capacity, Water Softener (Whirlpool WHES40).....	1,529.56	197.39
11 30 13 23			Residential Laundry Appliances (11 30 13)		
11 30 13 23-0001			Washing Machines And Dryers (11 30 13 23)		
11 30 13 23-0002			Washing Machines (11 30 13 23-0001)		
11 30 13 23-0003	EA		Up To 3.5 CF, Top Load Washing Machine.....	951.43	82.19
11 30 13 23-0004	EA		>3.5 To 4 CF, Top Load Washing Machine	1,537.20	82.19
11 30 13 23-0005	EA		>4 To 5 CF, Top Load Washing Machine	2,042.17	82.19
11 30 13 23-0006			Dryers (11 30 13 23-0001)		
11 30 13 23-0007			Electric Dryers (11 30 13 23-0006)		
11 30 13 23-0008	EA		Up To 6 CF, Electric Dryer.....	727.24	82.19
11 30 13 23-0009	EA		>6 To 6.5 CF, Electric Dryer	931.23	82.19
11 30 13 23-0010	EA		>6.5 To 7 CF, Electric Dryer	1,153.42	82.19
11 30 13 23-0011	EA		>7 To 7.5 CF, Electric Dryer	1,315.01	82.19
11 30 13 23-0012			Gas Dryers (11 30 13 23-0006)		
11 30 13 23-0013	EA		Up To 6 CF, Gas Dryer	870.63	82.19
11 30 13 23-0014	EA		>6 To 6.5 CF, Gas Dryer	1,072.62	82.19
11 30 13 23-0015	EA		>6.5 To 7 CF, Gas Dryer	1,274.39	82.19
11 30 13 23-0016	EA		>7 To 7.5 CF, Gas Dryer	1,456.40	82.19
11 30 33			Retractable Stairs (11 30 33)		
11 30 33 00-0001			Disappearing Folding Access Stairs (11 30 33)		
11 30 33 00-0002			250 LB Capacity, Wood Folding Access Stairs (11 30 33 00-0001)		
11 30 33 00-0003	EA		22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	790.90	228.61
11 30 33 00-0004	EA		22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	806.95	228.61
11 30 33 00-0005	EA		25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	806.95	228.61
11 30 33 00-0006	EA		25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 250 LB Capacity	822.59	228.61
11 30 33 00-0007			350 LB Capacity, Wood Folding Access Stairs (11 30 33 00-0001)		
11 30 33 00-0008	EA		22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	937.34	228.61
11 30 33 00-0009	EA		22-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	969.77	228.61
11 30 33 00-0010	EA		25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	956.44	228.61
11 30 33 00-0011	EA		25-1/2" x 54" Rough Opening, 8' 9" To 10' 3" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	987.43	228.61
11 30 33 00-0012	EA		30" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity.....	974.96	228.61
11 30 33 00-0013	EA		30" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Wood Folding Access Stairs, 350 LB Capacity	1,028.53	228.61
11 30 33 00-0014			400 LB Capacity, Wood One Piece Pull Down Access Stairs (11 30 33 00-0001)		
Note: Ladder width 17 1/16", 1x4 treads, 1x4 stringers. Bessler Stairway Company, Model 20.					
11 30 33 00-0015	EA		24" x 48" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity.....	1,903.45	228.61
11 30 33 00-0016	EA		24" x 48" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity.....	1,971.18	228.61
11 30 33 00-0017	EA		24" x 48" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity.....	2,038.91	228.61
11 30 33 00-0018	EA		24" x 48" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 400 LB Capacity.....	2,084.05	228.61
11 30 33 00-0019			600 LB Capacity, Wood One Piece Pull Down Access Stairs (11 30 33 00-0001)		
Note: Ladder width 17 1/16", 1x6 treads, 1x6 stringers. Bessler Stairway Company, Model 40.					
11 30 33 00-0020	EA		24" x 66" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity.....	2,242.08	228.61
For Ladder Width 18 7/8" Wide, Add				250.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 30 33 00-0021 EA 24" x 66" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	2,287.23 257.36	228.61
11 30 33 00-0022 EA 24" x 66" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	2,309.81 260.74	228.61
11 30 33 00-0023 EA 24" x 66" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	2,377.53 270.90	228.61
11 30 33 00-0024 EA 24" x 72" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	2,524.98 284.45	228.61
11 30 33 00-0025 EA 24" x 72" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	2,637.86 301.38	228.61
11 30 33 00-0026 EA 24" x 72" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 600 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	2,750.73 318.31	228.61
11 30 33 00-0027 800 LB Capacity, Wood One Piece Pull Down Access Stairs <small>(11 30 33 00-0001)</small> Note: Ladder width 18 7/8", 1x8 treads, 1x8 stringers. Bessler Stairway Company, Model 100.		
11 30 33 00-0028 EA 30" x 70" Rough Opening, 7' 7" To 7' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,195.53 4,240.68	228.61
11 30 33 00-0029 EA 30" x 70" Rough Opening, 7' 11" To 8' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,240.68 4,285.83	228.61
11 30 33 00-0030 EA 30" x 70" Rough Opening, 8' 5" To 8' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,285.83 4,398.70	228.61
11 30 33 00-0031 EA 30" x 72" Rough Opening, 8' 11" To 9' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,398.70 4,523.58	228.61
11 30 33 00-0032 EA 30" x 76" Rough Opening, 9' 5" To 9' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,523.58 4,591.31	228.61
11 30 33 00-0033 EA 30" x 80" Rough Opening, 9' 11" To 10' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,591.31 4,704.18	228.61
11 30 33 00-0034 EA 30" x 84" Rough Opening, 10' 5" To 10' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,704.18 4,919.37	228.61
11 30 33 00-0035 EA 30" x 87" Rough Opening, 10' 11" To 11' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	4,919.37 5,122.54	228.61
11 30 33 00-0036 EA 30" x 90" Rough Opening, 11' 5" To 11' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	5,122.54 5,370.87	228.61
11 30 33 00-0037 EA 30" x 93" Rough Opening, 11' 11" To 12' 4" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	5,370.87 5,596.61	228.61
11 30 33 00-0038 EA 30" x 96" Rough Opening, 12' 5" To 12' 10" Ceiling Height, Wood One Piece Pull Down Access Stairs, 800 LB Capacity <i>For Ladder Width 18 7/8" Wide, Add</i>	5,596.61	228.61
11 30 33 00-0039 300 LB Capacity, Aluminum Folding Access Stairs <small>(11 30 33 00-0001)</small>		
11 30 33 00-0040 EA 22-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	811.67	228.61
11 30 33 00-0041 EA 22-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	844.66	228.61
11 30 33 00-0042 EA 25-1/2" x 54" Rough Opening, 7' To 8' 9" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	820.86	228.61
11 30 33 00-0043 EA 25-1/2" x 54" Rough Opening, 8' 9" To 10' 4" Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	853.83	228.61
11 30 33 00-0044 EA 25-1/2" x 54" Rough Opening, 10' 5" To 12' Ceiling Height, Aluminum Folding Access Stairs, 300 LB Capacity.....	1,037.44	228.61
11 30 33 00-0045 300 LB Capacity, Steel Folding Access Stairs <small>(11 30 33 00-0001)</small>		
11 30 33 00-0046 EA 22-1/2" x 54" Rough Opening, 7' 3" To 8' 4" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity.....	795.17	228.61
11 30 33 00-0047 EA 22-1/2" x 54" Rough Opening, 8' 4" To 10' 3" Ceiling Height, Steel Folding Access Stairs, 300 LB Capacity.....	831.04	228.61
11 32 Unit Kitchens <small>(11 30)</small>		
11 32 13 Metal Unit Kitchens <small>(11 32)</small>		
Note: Includes electrical hook-up to outlet, supply line connection to service stops, and drain line and p-trap. Excludes garbage disposer and hood exhaust vent piping.		
11 32 13 00-0001 30" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0002 EA 30" Compact Unit Kitchen With Refrigerator, Range And Sink..... <i>For Gas Unit, Add</i>	2,311.06 239.49	535.86
11 32 13 00-0003 EA 30" Compact Unit Kitchen With Refrigerator And Sink.....	1,948.35	375.10
11 32 13 00-0004 EA 30" Compact Unit Kitchen With Refrigerator And Range.....	1,778.11	321.52
11 32 13 00-0005 EA 30" Compact Unit Kitchen Cabinet For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	595.02 179.00	171.39
11 32 13 00-0006 EA 30" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	1,170.67 179.00	228.51
11 32 13 00-0007 EA 30" Compact Unit Kitchen Stainless Steel Shield For Rear Wall.....	72.17	16.44
11 32 13 00-0008 EA 30" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	65.18	16.44
11 32 13 00-0009 42" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0010 EA 42" Compact Unit Kitchen With Refrigerator, Range And Sink..... <i>For Gas Unit, Add</i>	2,683.92 284.70	589.45
11 32 13 00-0011 EA 42" Compact Unit Kitchen With Refrigerator And Sink.....	2,410.73	482.27
11 32 13 00-0012 EA 42" Compact Unit Kitchen Cabinet For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	745.83 179.00	194.24

11	11 Equipment
	11 30 Residential Equipment
	11 32 Unit Kitchens

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 32 13 00-0013 EA 42" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	1,354.97 179.00	257.08
11 32 13 00-0014 EA 42" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	86.32	16.44
11 32 13 00-0015 EA 42" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	72.57	16.44
11 32 13 00-0016 54" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0017 EA 54" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink..... <i>For Gas Unit, Add</i>	3,623.42 393.47	750.21
11 32 13 00-0018 EA 54" Compact Unit Kitchen Cabinet For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	919.48 179.00	114.26
11 32 13 00-0019 EA 54" Compact Unit Kitchen Cabinet With Microwave And Hood Combination For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	1,506.69 179.00	285.65
11 32 13 00-0020 EA 54" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	100.24	16.44
11 32 13 00-0021 EA 54" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	75.68	16.44
11 32 13 00-0022 60" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0023 EA 60" Compact Unit Kitchen With Refrigerator, Oven, Range, And Sink..... <i>For Gas Unit, Add</i>	3,814.67 411.44	803.79
11 32 13 00-0024 EA 60" Compact Unit Kitchen Cabinet For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	1,096.80 179.00	285.65
11 32 13 00-0025 EA 60" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	106.13	16.44
11 32 13 00-0026 EA 60" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	75.68	16.44
11 32 13 00-0027 72" Compact Kitchen <small>(11 32 13)</small>		
11 32 13 00-0028 EA 72" Compact Unit Kitchen With Refrigerator, Oven, Range And Sink..... <i>For Gas Unit, Add</i>	4,090.00 442.03	857.38
11 32 13 00-0029 EA 72" Compact Unit Kitchen Cabinet For Upper Wall Section..... <i>For Range Hood In Upper Section, Add</i>	1,337.17 179.00	342.78
11 32 13 00-0030 EA 72" Compact Unit Kitchen Stainless Steel Shield For Rear Wall	123.62	20.55
11 32 13 00-0031 EA 72" Compact Unit Kitchen Stainless Steel Shield For Side Wall.....	79.41	20.55
11 40 Foodservice Equipment <small>(11)</small>		
11 41 Foodservice Storage Equipment <small>(11 40)</small>		
11 41 13 Refrigerated Food Storage Cases <small>(11 41)</small>		
11 41 13 00-0001 Frozen Food Cases <small>(11 41 13)</small>		
11 41 13 00-0002 LF Chest Type Frozen Food Case.....	1,567.00	321.66
11 41 13 00-0003 LF Reach-in Frozen Food Case (Glass Door).....	3,215.98	321.66
11 41 13 00-0004 LF Island Type Frozen Food Case.....	1,860.65	321.66
11 41 13 00-0005 LF Multi-Deck Frozen Food Case	3,073.87	321.66
11 41 13 00-0006 Reach-In Refrigeration <small>(11 41 13)</small>		
11 41 13 00-0007 Reach-In Refrigerators <small>(11 41 13 00-0006)</small>		
11 41 13 00-0008 EA Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	6,401.31	155.69
11 41 13 00-0009 EA Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,881.59	196.37
11 41 13 00-0010 EA Three Section, 69.1 CF, Full Door, Self Contained, Reach-In Refrigerator.....	10,562.68	216.94
11 41 13 00-0011 EA Single Section, Glass Door, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	5,779.78	155.69
11 41 13 00-0012 EA Two Section, Glass Door, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	7,522.61	196.37
11 41 13 00-0013 EA Three Section, Glass Door, 61.1 CF, Full Door, Self Contained, Reach-In Refrigerator.....	10,027.26	216.94
11 41 13 00-0014 EA Single Section, Pass-Thru, 24.2 CF, Full Door, Self Contained, Reach-In Refrigerator	7,711.90	155.69
11 41 13 00-0015 EA Two Section, Pass-Thru, 46.0 CF, Full Door, Self Contained, Reach-In Refrigerator	10,442.18	196.37
11 41 13 00-0016 EA Single Section, Pass-Thru, Glass Door, 25.6 CF, Full Door, Self Contained, Reach-In Refrigerator.....	7,874.07	155.69
11 41 13 00-0017 EA Two Section, Pass-Thru, Glass Door, 48.8 CF, Full Door, Self Contained, Reach-In Refrigerator	11,359.69	196.37
11 41 13 00-0018 Reach-In Freezers <small>(11 41 13 00-0006)</small>		
11 41 13 00-0019 EA Single Section, 24.2 CF, Full Door, Self Contained, Reach-In Freezer.....	7,213.90	155.88
11 41 13 00-0020 EA Two Section, 46.0 CF, Full Door, Self Contained, Reach-In Freezer.....	9,573.25	196.09
11 41 23 Walk-In-Coolers <small>(11 41)</small>		
11 41 23 00-0001 Walk-In Refrigerated Boxes <small>(11 41 23)</small>		
<small>Note: Overall height includes 4" floor panel and 4" ceiling panel. See CSI section 11 41 23 00-0171 for air cooled condensing units for coolers and freezers, 11 41 23 00-0282 for accessories, 21 13 16 00-0000 for dry-pipe sprinkler heads, 26 50 00 00-0000 for lighting.</small>		
11 41 23 00-0002 Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small>		
<small>Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.</small>		
11 41 23 00-0003 EA 6' x 6' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	11,647.58 -2,451.39	1,381.28
<small>For Refrigerated Boxes Without Floor, Deduct</small>		
11 41 23 00-0004 EA 6' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	13,922.42 -2,962.63	1,553.93
<small>For Refrigerated Boxes Without Floor, Deduct</small>		

Equipment	11
Foodservice Equipment	11 40
Foodservice Storage Equipment	11 41

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0005	EA		6' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	14,740.92 -3,109.70	1,726.59
11 41 23 00-0006	EA		6' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	16,665.33 -3,476.06	2,071.92
11 41 23 00-0007	EA		6' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	19,223.31 -4,000.51	2,417.23
11 41 23 00-0008	EA		6' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	21,246.68 -4,390.66	2,762.56
11 41 23 00-0009	EA		6' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	23,233.56 -4,772.43	3,107.87
11 41 23 00-0010	EA		8' x 8' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	15,341.55 -3,259.86	1,726.59
11 41 23 00-0011	EA		8' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	16,789.95 -3,564.57	1,899.26
11 41 23 00-0012	EA		8' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	18,915.12 -3,980.26	2,244.57
11 41 23 00-0013	EA		8' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	21,722.12 -4,567.23	2,589.89
11 41 23 00-0014	EA		8' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	23,882.64 -4,992.60	2,935.21
11 41 23 00-0015	EA		8' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	26,113.65 -5,434.71	3,280.53
11 41 23 00-0016	EA		8' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	28,272.20 -5,860.08	3,625.85
11 41 23 00-0017	EA		8' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	30,496.23 -6,299.98	3,971.17
11 41 23 00-0018	EA		8' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	32,665.52 -6,727.55	4,316.49
11 41 23 00-0019			Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0020	EA		10' x 10' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	19,036.14 -4,068.77	2,071.92
11 41 23 00-0021	EA		10' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	21,359.85 -4,534.65	2,417.23
11 41 23 00-0022	EA		10' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	23,786.58 -5,025.63	2,762.56
11 41 23 00-0023	EA		10' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	26,076.41 -5,483.15	3,107.87
11 41 23 00-0024	EA		10' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	28,538.95 -5,984.70	3,453.19
11 41 23 00-0025	EA		10' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	30,828.32 -6,440.01	3,798.51
11 41 23 00-0026	EA		10' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	33,298.96 -6,944.20	4,143.83
11 41 23 00-0027	EA		10' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	35,577.58 -7,399.08	4,489.15
11 41 23 00-0028	EA		10' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	38,045.02 -7,900.63	4,834.47
11 41 23 00-0029	EA		10' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	40,338.94 -8,358.14	5,179.79
11 41 23 00-0030	EA		10' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	43,035.53 -8,860.13	5,697.77
11 41 23 00-0031	EA		10' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	45,534.44 -9,315.01	6,215.74
11 41 23 00-0032	EA		12' x 12' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door..... <i>For Refrigerated Boxes Without Floor, Deduct</i>	23,597.98 -5,036.20	2,589.89

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0033	EA		12' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	26,286.91	2,935.21
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,593.67	
11 41 23 00-0034	EA		12' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	28,755.70	3,280.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,095.22	
11 41 23 00-0035	EA		12' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,432.10	3,625.85
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,650.05	
11 41 23 00-0036	EA		12' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	33,913.29	3,971.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,154.25	
11 41 23 00-0037	EA		12' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	36,589.85	4,316.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,708.64	
11 41 23 00-0038	EA		12' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,051.51	4,661.80
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,210.19	
11 41 23 00-0039	EA		12' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	41,745.63	5,007.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,767.66	
11 41 23 00-0040	EA		12' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,331.44	5,438.78
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,269.21	
11 41 23 00-0041	EA		12' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	47,240.61	5,956.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,824.04	
11 41 23 00-0042	EA		12' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,945.91	6,474.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,328.23	
11 41 23 00-0043	EA		12' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	52,846.66	6,992.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,882.63	
11 41 23 00-0044	EA		12' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	55,536.29	7,510.69
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,384.18	
11 41 23 00-0045			Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0046	EA		14' x 14' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,135.06	3,107.87
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,747.81	
11 41 23 00-0047	EA		14' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,136.58	3,453.19
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,384.10	
11 41 23 00-0048	EA		14' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,387.66	3,798.51
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,079.85	
11 41 23 00-0049	EA		14' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,388.48	4,143.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,716.58	
11 41 23 00-0050	EA		14' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,620.00	4,489.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,409.68	
11 41 23 00-0051	EA		14' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	46,638.74	4,834.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,049.06	
11 41 23 00-0052	EA		14' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,875.00	5,179.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,742.16	
11 41 23 00-0053	EA		14' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	53,110.56	5,697.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,378.89	
11 41 23 00-0054	EA		14' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	56,572.95	6,215.74
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,074.63	
11 41 23 00-0055	EA		14' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	59,836.40	6,733.72
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,710.93	
11 41 23 00-0056	EA		14' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	63,281.64	7,251.70
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,404.47	
11 41 23 00-0057	EA		14' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	66,533.18	7,683.35
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,043.40	
11 41 23 00-0058			Walk-In Refrigerated Unit, 7'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0059	EA		16' x 16' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,352.06	3,625.85
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,130.04	

Equipment	11	
Foodservice Equipment	11 40	↕
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0060	EA		16' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,826.67	3,971.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,882.59	
11 41 23 00-0061	EA		16' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,186.64	4,316.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,607.83	
11 41 23 00-0062	EA		16' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	47,662.85	4,661.80
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,363.02	
11 41 23 00-0063	EA		16' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,028.05	5,007.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,088.27	
11 41 23 00-0064	EA		16' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	54,617.84	5,438.78
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,840.81	
11 41 23 00-0065	EA		16' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	58,219.23	5,956.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,568.70	
11 41 23 00-0066	EA		16' x 30' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	61,917.95	6,474.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,321.24	
11 41 23 00-0067	EA		16' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	65,502.10	6,992.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,046.49	
11 41 23 00-0068	EA		16' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	69,206.28	7,510.69
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,801.67	
11 41 23 00-0069	EA		18' x 18' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,724.51	4,143.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,550.59	
11 41 23 00-0070	EA		18' x 20' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	47,290.69	4,489.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,327.35	
11 41 23 00-0071	EA		18' x 22' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,047.45	4,834.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,151.23	
11 41 23 00-0072	EA		18' x 24' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	54,609.56	5,179.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,925.80	
11 41 23 00-0073	EA		18' x 26' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	58,602.51	5,697.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,751.88	
11 41 23 00-0074	EA		18' x 28' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	62,380.18	6,215.74
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,526.44	
11 41 23 00-0075	EA		18' x 30' Walk-in Refrigerated Box, 7' 6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	66,393.98	6,733.72
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,350.32	
11 41 23 00-0076	EA		18' x 32' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	70,172.12	7,251.70
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,127.09	
11 41 23 00-0077	EA		18' x 34' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	74,163.44	7,769.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,950.97	
11 41 23 00-0078	EA		18' x 36' Walk-in Refrigerated Box, 7'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	78,162.52	8,402.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,725.53	
11 41 23 00-0079			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 6', 7', 8' and 9' wide.		
11 41 23 00-0080	EA		6' x 6' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	12,285.19	1,381.28
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-2,610.79	
11 41 23 00-0081	EA		6' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	14,169.01	1,553.93
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,024.27	
11 41 23 00-0082	EA		6' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	15,551.16	1,726.59
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,312.26	
11 41 23 00-0083	EA		6' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,595.34	2,071.92
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,708.57	
11 41 23 00-0084	EA		6' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,206.15	2,417.23
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,246.22	
11 41 23 00-0085	EA		6' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,349.30	2,762.56
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,666.31	
11 41 23 00-0086	EA		6' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,389.02	3,107.87
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,061.30	
11 41 23 00-0087	EA		8' x 8' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	16,218.71	1,726.59
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,479.15	

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0088	EA		8' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	17,719.95	1,899.26
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-3,797.07	
11 41 23 00-0089	EA		8' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	19,964.90	2,244.57
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,242.70	
11 41 23 00-0090	EA		8' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,824.74	2,589.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,842.89	
11 41 23 00-0091	EA		8' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	25,105.03	2,935.21
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,298.20	
11 41 23 00-0092	EA		8' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,388.88	3,280.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,753.52	
11 41 23 00-0093	EA		8' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,667.21	3,625.85
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,208.83	
11 41 23 00-0094	EA		8' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	31,944.08	3,971.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,661.94	
11 41 23 00-0095	EA		8' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,233.14	4,316.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,119.46	
11 41 23 00-0096			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 10', 11' and 12' wide.		
11 41 23 00-0097	EA		10' x 10' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	20,018.98	2,071.92
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,314.48	
11 41 23 00-0098	EA		10' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	22,462.47	2,417.23
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-4,810.30	
11 41 23 00-0099	EA		10' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,942.03	2,762.56
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,314.49	
11 41 23 00-0100	EA		10' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,351.64	3,107.87
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,801.95	
11 41 23 00-0101	EA		10' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	29,867.02	3,453.19
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,316.71	
11 41 23 00-0102	EA		10' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,276.16	3,798.51
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,801.97	
11 41 23 00-0103	EA		10' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	34,799.65	4,143.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,319.37	
11 41 23 00-0104	EA		10' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	37,198.04	4,489.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,804.19	
11 41 23 00-0105	EA		10' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	39,718.32	4,834.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,318.95	
11 41 23 00-0106	EA		10' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,132.02	5,179.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,806.41	
11 41 23 00-0107	EA		10' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	44,881.44	5,697.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,321.61	
11 41 23 00-0108	EA		10' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	47,500.13	6,129.42
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,806.43	
11 41 23 00-0109	EA		12' x 12' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	24,820.37	2,589.89
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,341.80	
11 41 23 00-0110	EA		12' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	27,562.15	2,935.21
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-5,912.48	
11 41 23 00-0111	EA		12' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	30,150.71	3,280.53
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-6,443.97	
11 41 23 00-0112	EA		12' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,879.95	3,625.85
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,012.02	
11 41 23 00-0113	EA		12' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,480.91	3,971.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,546.15	
11 41 23 00-0114	EA		12' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,210.31	4,316.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,113.75	
11 41 23 00-0115	EA		12' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	40,791.75	4,661.80
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,645.25	

Equipment	11	
Foodservice Equipment	11 40	↕
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0116	EA		12' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	43,538.70	5,007.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,215.93	
11 41 23 00-0117	EA		12' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	46,244.29	5,438.78
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,747.42	
11 41 23 00-0118	EA		12' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,206.30	5,956.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,315.46	
11 41 23 00-0119	EA		12' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	52,031.38	6,474.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,849.60	
11 41 23 00-0120	EA		12' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	54,984.96	6,992.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,417.20	
11 41 23 00-0121	EA		12' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	57,794.37	7,510.69
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,948.70	
11 41 23 00-0122			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 13', 14' and 15' wide.		
11 41 23 00-0123	EA		14' x 14' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	32,463.14	3,107.87
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,079.83	
11 41 23 00-0124	EA		14' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	35,584.43	3,453.19
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-7,746.07	
11 41 23 00-0125	EA		14' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,888.35	3,798.51
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,455.02	
11 41 23 00-0126	EA		14' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,008.94	4,143.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,121.70	
11 41 23 00-0127	EA		14' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,293.30	4,489.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,828.01	
11 41 23 00-0128	EA		14' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	48,431.82	4,834.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,497.33	
11 41 23 00-0129	EA		14' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	51,720.92	5,179.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,203.64	
11 41 23 00-0130	EA		14' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	55,076.25	5,697.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,870.31	
11 41 23 00-0131	EA		14' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	58,591.48	6,215.74
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,579.27	
11 41 23 00-0132	EA		14' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	61,974.70	6,733.72
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,245.50	
11 41 23 00-0133	EA		14' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	65,472.79	7,251.70
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,952.25	
11 41 23 00-0134	EA		14' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	68,844.10	7,769.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,621.13	
11 41 23 00-0135			Walk-In Refrigerated Unit, 8'6" High With Floor <small>(11 41 23 00-0001)</small> Note: 10 Gauge smooth aluminum floor, galvalume® exterior and interior panels (walls and ceiling), includes 36" x 78" hinged door. Excludes extra accessories, refrigeration, partitions or roof. 16', 17' and 18' wide.		
11 41 23 00-0136	EA		16' x 16' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	38,919.68	3,625.85
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-8,521.95	
11 41 23 00-0137	EA		16' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	42,447.13	3,971.17
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,287.71	
11 41 23 00-0138	EA		16' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,926.88	4,316.49
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,042.89	
11 41 23 00-0139	EA		16' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,455.93	4,661.80
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,811.29	
11 41 23 00-0140	EA		16' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	52,940.90	5,007.13
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,566.48	
11 41 23 00-0141	EA		16' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	56,583.53	5,438.78
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,332.23	
11 41 23 00-0142	EA		16' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	60,304.70	5,956.76
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,090.06	

11	11 Equipment
	11 40 Foodservice Equipment
	11 41 Foodservice Storage Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0143	EA		16' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	64,056.25	6,474.73
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,855.82	
11 41 23 00-0144	EA		16' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	67,760.18	6,992.71
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,611.01	
11 41 23 00-0145	EA		16' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	71,517.20	7,510.69
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,379.40	
11 41 23 00-0146	EA		18' x 18' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	45,397.82	4,143.83
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-9,968.92	
11 41 23 00-0147	EA		18' x 20' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	49,083.77	4,489.15
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-10,775.62	
11 41 23 00-0148	EA		18' x 22' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	52,893.37	4,834.47
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-11,612.71	
11 41 23 00-0149	EA		18' x 24' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	56,575.25	5,179.79
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-12,417.22	
11 41 23 00-0150	EA		18' x 26' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	60,621.04	5,697.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-13,256.51	
11 41 23 00-0151	EA		18' x 28' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	64,518.49	6,215.74
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,061.02	
11 41 23 00-0152	EA		18' x 30' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	68,585.12	6,733.72
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-14,898.11	
11 41 23 00-0153	EA		18' x 32' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	72,483.04	7,251.70
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-15,704.82	
11 41 23 00-0154	EA		18' x 34' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	76,527.20	7,769.68
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-16,541.91	
11 41 23 00-0155	EA		18' x 36' Walk-in Refrigerated Box, 8'-6" High With 10 Gauge Smooth Aluminum Floor, Galvalume Exterior And Interior Panels (Walls And Ceiling), 36" x 78" Hinged Door.....	80,646.05	8,402.77
			<i>For Refrigerated Boxes Without Floor, Deduct</i>	-17,346.41	
11 41 23 00-0156			Walk-In Refrigerated Unit Metal Price Add-Ons <small>(11 41 23 00-0001)</small>		
11 41 23 00-0157	SF		Metal Price Add-on, 190 Series Embossed White Polyester vs. 24 Gauge Galvalume®	0.75	
11 41 23 00-0158	SF		Metal Price Add-ons, 24 Gauge White Polyester vs. 24 Gauge Galvalume®	1.39	
11 41 23 00-0159	SF		Metal Price Add-ons, 0.038" Stucco Embossed Aluminum vs. 24 Gauge Galvalume®	1.95	
11 41 23 00-0160	SF		Metal Price Add-ons, 22 Gauge Stainless Steel vs. 24 Gauge Galvalume®	13.74	
11 41 23 00-0161	SF		Metal Price Add-ons, 20 Gauge Stainless Steel vs. 24 Gauge Galvalume®	17.97	
11 41 23 00-0162	SF		Metal Price Add-ons, 24 Gauge Embossed Tan Polyester vs. 24 Gauge Galvalume®	2.22	
11 41 23 00-0163	SF		Metal Price Add-ons, 0.040" Embossed White Aluminum vs. 24 Gauge Galvalume®	5.45	
11 41 23 00-0164	SF		Metal Price Add-ons, 0.040" Smooth White Aluminum vs. 24 Gauge Galvalume®	7.05	
11 41 23 00-0165	SF		Metal Price Add-ons, 24 Gauge Smooth Kynar® Painted vs. 24 Gauge Galvalume®	7.40	
11 41 23 00-0166	SF		Metal Price Deducts, 14 GA Galvanized vs. 10 Gauge Smooth Aluminum Interior Floor	-9.93	
11 41 23 00-0167	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 430 vs. 10 Gauge Smooth Aluminum Interior Floor	4.14	
11 41 23 00-0168	SF		Metal Price Add-ons, 16 GA Stainless Steel Type 304 vs. 10 Gauge Smooth Aluminum Interior Floor	10.75	
11 41 23 00-0169	SF		Metal Price Add-ons, 12 GA Rigid Aluminum vs. 10 Gauge Smooth Aluminum Interior Floor	9.43	
11 41 23 00-0170	SF		Metal Price Add-ons, 16 GA Rigid Stainless Steel vs. 10 Gauge Smooth Aluminum Interior Floor	30.56	
11 41 23 00-0171			Air Cooled Condensing Units For Walk-In Coolers And Freezers <small>(11 41 23)</small>		
11 41 23 00-0172			Medium Temperature Hermetic System, Indoor <small>(11 41 23 00-0171)</small>		
			Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0173			208/230 Volt, 1 Phase <small>(11 41 23 00-0172)</small>		
			Note: Pre-Assembled indoor R404a.		
11 41 23 00-0174	EA		1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,746.83	148.05
11 41 23 00-0175	EA		3/4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,005.43	172.73
11 41 23 00-0176	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,768.24	197.39
11 41 23 00-0177	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,217.08	222.07
11 41 23 00-0178	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,847.93	246.74
11 41 23 00-0179	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,687.38	296.09
11 41 23 00-0180	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	10,471.14	345.44
11 41 23 00-0181	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	11,221.38	394.79
11 41 23 00-0182			208/230 Volt, 3 Phase <small>(11 41 23 00-0172)</small>		
			Note: Pre-Assembled indoor R404a.		
11 41 23 00-0183	EA		1 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,776.57	197.39
11 41 23 00-0184	EA		1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,217.08	222.07
11 41 23 00-0185	EA		2 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,922.85	246.74
11 41 23 00-0186	EA		3 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,598.20	296.09
11 41 23 00-0187	EA		4 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,471.14	345.44
11 41 23 00-0188	EA		5 HP Medium Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	11,117.93	394.79

Equipment	11	
Foodservice Equipment	11 40	⇄
Foodservice Storage Equipment	11 41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0189 Medium Temperature Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0190 208/230 Volt, 1 Phase <small>(11 41 23 00-0189)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0191 EA 1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,187.38	148.05
11 41 23 00-0192 EA 3/4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,609.15	172.73
11 41 23 00-0193 EA 1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,315.58	197.39
11 41 23 00-0194 EA 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,536.63	222.07
11 41 23 00-0195 EA 2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,942.05	246.74
11 41 23 00-0196 EA 3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,766.28	296.09
11 41 23 00-0197 EA 4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,050.51	345.44
11 41 23 00-0198 EA 5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,680.76	394.79
11 41 23 00-0199 208/230 Volt, 3 Phase <small>(11 41 23 00-0189)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0200 EA 1 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,279.88	197.39
11 41 23 00-0201 EA 1-1/2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,551.10	222.07
11 41 23 00-0202 EA 2 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,017.31	246.74
11 41 23 00-0203 EA 3 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,694.88	296.09
11 41 23 00-0204 EA 4 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,072.70	345.44
11 41 23 00-0205 EA 5 HP Medium Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,592.00	394.79
11 41 23 00-0206 Low Temperature Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0207 208/230 Volt, 1 Phase <small>(11 41 23 00-0206)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0208 EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,402.01	148.05
11 41 23 00-0209 EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,592.84	172.73
11 41 23 00-0210 EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,851.48	197.39
11 41 23 00-0211 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,243.24	222.07
11 41 23 00-0212 EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,789.67	246.74
11 41 23 00-0213 EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	8,014.38	296.09
11 41 23 00-0214 208/230 Volt, 3 Phase <small>(11 41 23 00-0206)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0215 EA 1 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,859.80	197.39
11 41 23 00-0216 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,243.24	222.07
11 41 23 00-0217 EA 2 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,866.96	246.74
11 41 23 00-0218 EA 3 HP Low Temperature Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,928.76	296.09
11 41 23 00-0219 Low Temperature Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0220 208/230 Volt, 1 Phase <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0221 EA 1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	4,935.15	148.05
11 41 23 00-0222 EA 3/4 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,006.67	172.73
11 41 23 00-0223 EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,276.02	197.39
11 41 23 00-0224 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,718.02	222.07
11 41 23 00-0225 EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,238.27	246.74
11 41 23 00-0226 EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,020.04	296.09
11 41 23 00-0227 208/230 Volt, 3 Phase <small>(11 41 23 00-0219)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0228 EA 1 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,450.66	197.39
11 41 23 00-0229 EA 1-1/2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,803.90	222.07
11 41 23 00-0230 EA 2 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,307.74	246.74
11 41 23 00-0231 EA 3 HP Low Temperature Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,949.60	296.09
11 41 23 00-0232 Medium Temperature Semi-Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0233 208/230 Volt, 1 Phase <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0234 EA 1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,128.53	197.39
11 41 23 00-0235 EA 5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	14,060.90	394.79

11	11 Equipment
	11 40 Foodservice Equipment
	11 41 Foodservice Storage Equipment



MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0236		208/230 Volt, 3 Phase <small>(11 41 23 00-0232)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0237	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,133.29	197.39
11 41 23 00-0238	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	8,498.38	246.74
11 41 23 00-0239	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	10,616.08	296.09
11 41 23 00-0240	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	13,867.08	394.79
11 41 23 00-0241		Medium Temperature Semi-Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0242		208/230 Volt, 1 Phase <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0243	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,533.63	197.39
11 41 23 00-0244	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	13,658.88	394.79
11 41 23 00-0245		208/230 Volt, 3 Phase <small>(11 41 23 00-0241)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0246	EA	1 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	5,543.28	197.39
11 41 23 00-0247	EA	2 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,543.16	246.74
11 41 23 00-0248	EA	3 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,420.61	296.09
11 41 23 00-0249	EA	5 HP Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	12,337.99	394.79
11 41 23 00-0250		Low Temperature Semi-Hermetic System, Indoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0251		208/230 Volt, 1 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0252	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,283.70	172.73
11 41 23 00-0253	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,706.43	197.39
11 41 23 00-0254	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,874.66	222.07
11 41 23 00-0255	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,128.59	246.74
11 41 23 00-0256	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	11,549.51	296.09
11 41 23 00-0257		208/230 Volt, 3 Phase <small>(11 41 23 00-0250)</small> Note: Pre-Assembled indoor R404a.		
11 41 23 00-0258	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,250.40	172.73
11 41 23 00-0259	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	6,701.67	197.39
11 41 23 00-0260	EA	1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	7,829.48	222.07
11 41 23 00-0261	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	9,050.11	246.74
11 41 23 00-0262	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	11,132.15	296.09
11 41 23 00-0263	EA	4 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	15,600.83	345.44
11 41 23 00-0264	EA	6 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	16,412.83	444.14
11 41 23 00-0265	EA	7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Indoor R404a, 208/230 Volt, 3 Phase, 60 Hertz.....	23,721.57	518.17
11 41 23 00-0266		Low Temperature Semi-Hermetic System, Outdoor <small>(11 41 23 00-0171)</small> Note: Consists of air cooled semi-hermetic condensing unit, evaporator, and standard indoor features as described by manufacturer; Bally.		
11 41 23 00-0267		208/230 Volt, 1 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0268	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,687.86	172.73
11 41 23 00-0269	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,962.03	197.39
11 41 23 00-0270	EA	1-1/2 Low Medium Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,937.61	222.07
11 41 23 00-0271	EA	2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,971.15	246.74
11 41 23 00-0272	EA	3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,986.02	296.09
11 41 23 00-0273		208/230 Volt, 3 Phase <small>(11 41 23 00-0266)</small> Note: Pre-Assembled outdoor R404a.		
11 41 23 00-0274	EA	3/4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,602.95	172.73
11 41 23 00-0275	EA	1 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	5,965.89	197.39

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0276	EA		1-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	6,923.13	222.07
11 41 23 00-0277	EA		2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	7,899.76	246.74
11 41 23 00-0278	EA		3 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	9,680.16	296.09
11 41 23 00-0279	EA		4 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	14,116.99	345.44
11 41 23 00-0280	EA		6 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	14,897.97	444.14
11 41 23 00-0281	EA		7-1/2 HP Low Temperature Semi-Hermetic System Pre-Assembled Outdoor R404a, 208/230 Volt, 1 Phase, 60 Hertz.....	20,968.38	518.17
11 41 23 00-0282 Walk-In Refrigerated Boxes Accessories (11 41 23)					
11 41 23 00-0283 Accessories (11 41 23 00-0282)					
11 41 23 00-0284	EA		Super Door Package, For 36" Or 42" Door.....	924.79	
Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.					
11 41 23 00-0285	EA		Super Door Package, For 48" Door.....	1,257.69	
Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.					
11 41 23 00-0286	EA		Super Door Package, For 60" Door.....	1,257.69	
Note: Includes 1/8" diamond-tread on cap and frame (interior and exterior), and 3rd hinge for support.					
11 41 23 00-0287	EA		14" x 24" Observation Window, Heated.....	1,440.85	
11 41 23 00-0288	EA		Heated Air Vent, Kason.....	516.13	
11 41 23 00-0289	EA		Heated Air Vent, Bally Polyvinyl Chloride (PVC).....	1,229.48	
11 41 23 00-0290	EA		Interior Ramps For 36" Or 42" Wide Doors.....	1,788.40	
11 41 23 00-0291	EA		Interior Ramps For 48" Wide Doors.....	1,955.73	
11 41 23 00-0292	EA		Interior Ramps For 60" Wide Doors.....	2,149.48	
11 41 23 00-0293	EA		Exterior Ramps For 36" Or 42" Wide Doors.....	721.01	
11 41 23 00-0294	EA		Exterior Ramps For 48" Wide Doors.....	1,326.92	
11 41 23 00-0295	EA		Exterior Ramps For 60" Wide Doors.....	1,326.92	
11 41 23 00-0296	EA		Field Installed Extra Vapor-Proof Lights.....	162.07	
11 41 23 00-0297	EA		Field Installed Fluorescent Lights, 48", 2 Tubes.....	790.88	
11 41 23 00-0298	EA		Alarm With Digital Thermostat Modularm 75 With Adjustable Setting (Flush Mounted).....	1,759.63	
11 41 23 00-0299	EA		Alarm With Digital Thermostat Modularm 75B (Battery Backup) (Flush Mounted).....	1,849.46	
11 41 23 00-0300	EA		Alarm With Digital Thermostat National TM100 With Adjustable Setting (Flush Mounted).....	878.95	
11 41 23 00-0301	EA		Locking Devices, 36" Or 42" Wide Locking Bar.....	493.21	
11 41 23 00-0302	EA		Locking Devices, 48" Wide Locking Bar.....	563.66	
11 41 23 00-0303	EA		Locking Devices, 60" Wide Locking Bar.....	563.66	
11 41 23 00-0304	EA		Locking Devices, Mortise Dead Bolt (Cooler).....	1,007.53	
11 41 23 00-0305	EA		Locking Devices, Mortise Dead Bolt (Freezer).....	1,240.03	
11 41 23 00-0306	EA		Blast Freezer Kit, For 36" Or 42" Wide Doors.....	2,006.81	
11 41 23 00-0307	EA		Blast Freezer Kit, For 48" Wide Doors.....	2,119.54	
11 41 23 00-0308	EA		Blast Freezer Kit, For 60" Wide Doors.....	2,179.43	
11 41 23 00-0309	EA		Hardware Options, Polished For 36" Or 42" Door.....	96.88	
11 41 23 00-0310	EA		Hardware Options, Polished For 48" Or 60" Door.....	79.26	
11 41 23 00-0311	EA		Hardware Options, Chrome For 36" Or 42" Door.....	244.83	
11 41 23 00-0312	EA		Hardware Options, Chrome For 48" Or 60" Door.....	132.10	
11 41 23 00-0313	EA		Hardware Options, Positive Latch, 36" Or 42" Door.....	310.60	
11 41 23 00-0314	EA		Hardware Options, Strap Hinges, 36" Or 42" Door.....	226.05	
11 41 23 00-0315	EA		4" Screed Door.....	590.10	
11 41 23 00-0316	EA		Doors Cut For Tile.....	716.92	
11 41 23 00-0317	EA		84" High Doors (36" Wide).....	716.92	
11 41 23 00-0318	EA		Doors Raised Or Lowered In Panel.....	1,648.69	
11 41 23 00-0319	EA		57-1/2" Door Section.....	454.48	
11 41 23 00-0320	EA		3 Way, Interior And Exterior, Light Switches.....	396.33	
11 41 23 00-0321	EA		3 Way (1 Side Only) Light Switch.....	201.05	
11 41 23 00-0322	EA		Structural Support, 5" Reinforcing Ceilings (Every 23").....	365.80	
11 41 23 00-0323	EA		Structural Support, 6" Reinforcing Ceilings (Every 23").....	464.44	
11 41 23 00-0324	LF		Structural Support, Self-Supporting Standard Angle.....	49.14	
11 41 23 00-0325	LF		Structural Support, Self-Supporting 6" Channel.....	63.67	
11 41 23 00-0326	LF		Structural Support, Self-Supporting 8" Channel.....	92.30	
11 41 23 00-0327	LF		Structural Support, Self-Supporting 10" Channel.....	147.34	
11 41 23 00-0328	LF		Structural Support, Suspended Ceiling Support.....	26.72	
11 41 23 00-0329	LF		Factory Prepared Opening, Foam Cut Opening.....	7.89	
11 41 23 00-0330	LF		Factory Prepared Opening, Metal Capped Opening.....	30.82	
11 41 23 00-0331	LF		Factory Prepared Opening, Wood Framed Opening.....	16.76	
11 41 23 00-0332	LF		Factory Prepared Opening, Metal Capped Wood Framed Opening.....	47.56	
11 41 23 00-0333	LF		Factory Prepared Opening, Opening For Glass Doors (Doors Provided By Others, No Charge For Opening When Glass Door Purchased Through Manufacturer).....	97.51	
11 41 23 00-0334	SF		Outdoor Weather Roofs, Aluminum Roof Caps.....	39.20	
11 41 23 00-0335	SF		Outdoor Weather Roofs, Membrane Roof Caps.....	9.69	
11 41 23 00-0336	SF		Outdoor Weather Roofs, Painted Aluminum Roofs.....	48.69	
11 41 23 00-0337	SF		1/8" Aluminum Tread Plate.....	94.03	
11 41 23 00-0338	SF		3/16" Aluminum Tread Plate.....	114.67	
11 41 23 00-0339	EA		Digitemp Display Thermometer (Indoor Exterior Wall).....	393.04	
11 41 23 00-0340	EA		4-1/2" Dial Type Thermometer With 5" Cap Tube.....	352.53	
11 41 23 00-0341	EA		6" Dial Type Thermometer With 5" Cap Tube.....	1,146.91	
11 41 23 00-0342	EA		2" Dial Type Thermometer (Standard).....	120.03	
11 41 23 00-0343	LF		Extra Capillary Tubing.....	15.38	
11 41 23 00-0344 Partition Wall For Walk-In Refrigerated Boxes (11 41 23 00-0282)					
Note: Includes 36" x 78" door. Sizes listed as 7'-2"/7'-6" are for either 7'-2" or 7'-6" high refrigerated boxes. Sizes listed as 8'-2"/8'-6" are for either 8'-2" or 8'-6" high refrigerated boxes.					

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0345	EA		5'-10" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,123.98	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	200.44	
11 41 23 00-0346	EA		6'-9-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,492.58	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	218.59	
11 41 23 00-0347	EA		7'-9" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,621.63	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	224.75	
11 41 23 00-0348	EA		8'-8-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,997.27	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	243.25	
11 41 23 00-0349	EA		9'-8" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	4,893.83	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	237.79	
11 41 23 00-0350	EA		10'-7-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	5,260.66	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	255.84	
11 41 23 00-0351	EA		11'-7" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	5,372.10	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	261.12	
11 41 23 00-0352	EA		12'-6-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	5,893.93	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	286.93	
11 41 23 00-0353	EA		13'-6" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	5,663.68	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	275.13	
11 41 23 00-0354	EA		14'-5-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	6,032.27	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	293.27	
11 41 23 00-0355	EA		15'-5" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	6,170.12	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	299.87	
11 41 23 00-0356	EA		16'-4-1/2" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	6,540.49	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	318.10	
11 41 23 00-0357	EA		17'-4" Length Partition Wall, 7'-2"/7'-6" High Note: Galvalume both sides.	7,536.34	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	367.61	
11 41 23 00-0358	EA		5'-10" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,500.91	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	219.29	
11 41 23 00-0359	EA		6'-9-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,813.15	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	234.61	
11 41 23 00-0360	EA		7'-9" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	4,965.09	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	241.92	
11 41 23 00-0361	EA		8'-8-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	5,381.25	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	262.44	
11 41 23 00-0362	EA		9'-8" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	5,256.67	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	255.93	
11 41 23 00-0363	EA		10'-7-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	5,671.06	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	276.36	
11 41 23 00-0364	EA		11'-7" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	5,824.77	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	283.76	
11 41 23 00-0365	EA		12'-6-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	6,239.16	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	304.19	
11 41 23 00-0366	EA		13'-6" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	6,114.59	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	297.67	
11 41 23 00-0367	EA		14'-5-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	6,528.98	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	318.10	
11 41 23 00-0368	EA		15'-5" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	6,682.68	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	325.50	
11 41 23 00-0369	EA		16'-4-1/2" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	7,097.08	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	345.93	
11 41 23 00-0370	EA		17'-4" Length Partition Wall, 8'-2"/8'-6" High Note: Galvalume both sides.	6,972.49	
			<i>For Embossed White Instead Of Galvalume® On Both Sides, Add</i>	339.42	
11 41 23 00-0371			Glass Doors For Walk-In Refrigerated Boxes (11 41 23 00-0282) Note: Factory installed, includes lights and 5 tier shelves.		
11 41 23 00-0372	EA		23" x 67" Glass Door, Displayrite, Coolrite Model.....	1,749.04	
11 41 23 00-0373	EA		23" x 73" Glass Door, Displayrite, Coolrite Model.....	1,911.09	
11 41 23 00-0374	EA		30" x 67" Glass Door, Displayrite, Coolrite Model.....	1,926.94	
11 41 23 00-0375	EA		30" x 73" Glass Door, Displayrite, Coolrite Model.....	2,131.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0376	EA		23" x 67" Glass Door, Displayrite, Freezerite Model.....	2,339.10	
11 41 23 00-0377	EA		23" x 73" Glass Door, Displayrite, Freezerite Model.....	2,487.05	
11 41 23 00-0378	EA		30" x 67" Glass Door, Displayrite, Freezerite Model.....	2,495.86	
11 41 23 00-0379	EA		30" x 73" Glass Door, Displayrite, Freezerite Model.....	2,904.50	
11 41 23 00-0380	EA		24" x 67" Glass Door, Anthony Model 101.....	2,377.85	
11 41 23 00-0381	EA		26" x 67" Glass Door, Anthony Model 101.....	2,945.01	
11 41 23 00-0382	EA		30" x 67" Glass Door, Anthony Model 101.....	3,144.05	
11 41 23 00-0383	EA		30x75 Glass Door, Anthony Model 101.....	3,210.98	
11 41 23 00-0384	EA		24" x 67" Glass Door, Anthony Model 101.....	3,621.38	
11 41 23 00-0385	EA		26" x 67" Glass Door, Anthony Model 101.....	4,019.45	
11 41 23 00-0386	EA		30" x 67" Glass Door, Anthony Model 101.....	4,093.42	
11 41 23 00-0387	EA		30" x 75" Glass Door, Anthony Model 101.....	4,366.44	
11 41 23 00-0388	EA		23" x 67" Glass Door, Anthony Model 401.....	1,877.62	
11 41 23 00-0389	EA		26-3/4" x 67" Glass Door, Anthony Model 401.....	1,978.02	
11 41 23 00-0390	EA		30-1/4" x 67" Glass Door, Anthony Model 401.....	2,659.67	
11 41 23 00-0391	EA		30-1/4" x 75" Glass Door, Anthony Model 401.....	2,280.97	
11 41 23 00-0392	EA		23" x 67" Glass Door, Anthony Model 401.....	2,532.85	
11 41 23 00-0393	EA		26-3/4" x 67" Glass Door, Anthony Model 401.....	2,650.86	
11 41 23 00-0394	EA		30-1/4" x 67" Glass Door, Anthony Model 401.....	2,659.67	
11 41 23 00-0395	EA		30-1/4" x 75" Glass Door, Anthony Model 401.....	3,166.94	
11 41 23 00-0396	Modular Wire Shelving For Walk-In Refrigerated Boxes (11 41 23 00-0282)				
11 41 23 00-0397	EA		14" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	628.83	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0398	EA		14" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	662.76	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0399	EA		14" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	738.98	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0400	EA		14" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	779.96	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0401	EA		14" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	847.83	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0402	EA		18" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	726.17	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0403	EA		18" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	744.26	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0404	EA		18" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	822.23	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0405	EA		18" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	859.69	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0406	EA		18" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	982.17	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0407	EA		21" x 30" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	791.82	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0408	EA		21" x 36" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	801.09	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0409	EA		21" x 42" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	914.30	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0410	EA		21" x 48" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	920.05	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0411	EA		21" x 60" Epoxy Modular Wire Shelving, 4 Tier, 63" Posts.....	1,060.14	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0412	EA		14" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	537.24	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0413	EA		14" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	564.13	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0414	EA		14" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	619.21	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0415	EA		14" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	632.00	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0416	EA		14" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	721.01	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0417	EA		18" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	592.31	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0418	EA		18" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	635.06	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0419	EA		18" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	672.51	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0420	EA		18" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	681.80	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0421	EA		18" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	804.27	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0422	EA		21" x 30" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	650.91	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0423	EA		21" x 36" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	676.04	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0424	EA		21" x 42" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	725.83	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0425	EA		21" x 48" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	752.72	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0426	EA		21" x 60" Chrome Modular Wire Shelving, 4 Tier, 63" Posts.....	878.71	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0427	EA		14" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,498.42	
			<i>For Cantilever Shelving, Add</i>	402.00	

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0428	EA		14" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,788.53	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0429	EA		14" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,843.31	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0430	EA		14" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,898.09	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0431	EA		14" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	3,507.72	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0432	EA		18" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,621.84	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0433	EA		18" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,784.48	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0434	EA		18" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	3,084.39	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0435	EA		18" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	3,207.81	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0436	EA		18" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	3,925.30	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0437	EA		21" x 30" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	2,833.51	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0438	EA		21" x 36" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	3,094.19	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0439	EA		21" x 42" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	3,394.11	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0440	EA		21" x 48" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	3,517.53	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0441	EA		21" x 60" Stainless Steel Modular Wire Shelving, 4 Tier, 63" Posts.....	4,470.34	
			<i>For Cantilever Shelving, Add</i>	402.00	
11 41 23 00-0442	EA		14" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	741.21	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0443	EA		14" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	799.81	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0444	EA		14" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	867.20	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0445	EA		14" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	929.33	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0446	EA		14" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	1,007.77	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0447	EA		18" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	879.07	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0448	EA		18" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	900.67	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0449	EA		18" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	994.50	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0450	EA		18" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	1,042.52	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0451	EA		18" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	1,191.43	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0452	EA		21" x 30" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	958.80	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0453	EA		21" x 36" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	989.22	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0454	EA		21" x 42" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	1,095.36	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0455	EA		21" x 48" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	1,118.74	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0456	EA		21" x 60" Epoxy Modular Wire Shelving, 5 Tier, 74" Posts.....	1,285.25	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0457	EA		14" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	630.24	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0458	EA		14" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	662.42	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0459	EA		14" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	729.82	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0460	EA		14" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	744.38	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0461	EA		14" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	852.77	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0462	EA		18" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	713.50	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0463	EA		18" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	763.28	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0464	EA		18" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	871.20	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0465	EA		18" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	862.86	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0466	EA		18" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	965.97	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0467	EA		21" x 30" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	784.42	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0468	EA		21" x 36" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	814.84	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0469	EA		21" x 42" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	876.95	
			<i>For Cantilever Shelving, Add</i>	472.00	
11 41 23 00-0470	EA		21" x 48" Chrome Modular Wire Shelving, 5 Tier, 74" Posts.....	907.37	
			<i>For Cantilever Shelving, Add</i>	472.00	

Equipment	11	
Foodservice Equipment	11 40	⇅
Foodservice Storage Equipment	11 41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 23 00-0471	EA		21" x 60" Chrome Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	1,063.32 472.00	
11 41 23 00-0472	EA		14" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,050.07 472.00	
11 41 23 00-0473	EA		14" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,411.27 472.00	
11 41 23 00-0474	EA		14" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,478.30 472.00	
11 41 23 00-0475	EA		14" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,545.35 472.00	
11 41 23 00-0476	EA		14" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,304.51 472.00	
11 41 23 00-0477	EA		18" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,202.91 472.00	
11 41 23 00-0478	EA		18" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,404.76 472.00	
11 41 23 00-0479	EA		18" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,778.22 472.00	
11 41 23 00-0480	EA		18" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,931.05 472.00	
11 41 23 00-0481	EA		18" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,825.04 472.00	
11 41 23 00-0482	EA		21" x 30" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,466.05 472.00	
11 41 23 00-0483	EA		21" x 36" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	3,790.48 472.00	
11 41 23 00-0484	EA		21" x 42" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,163.93 472.00	
11 41 23 00-0485	EA		21" x 48" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	4,316.76 472.00	
11 41 23 00-0486	EA		21" x 60" Stainless Steel Modular Wire Shelving, 5 Tier, 74" Posts <i>For Cantilever Shelving, Add</i>	5,504.91 472.00	
11 41 31 Non-Refrigerated Storage Equipment ^(11 41)					
11 41 31 00-0001 Wall Cabinets ^(11 41 31)					
11 41 31 00-0002	EA		48" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	2,403.19	89.23
11 41 31 00-0003	EA		72" Wall Cabinet With Sliding Doors Note: 15" deep and 24" high.	3,170.95	117.80
11 41 31 00-0004	EA		72" Wall Cabinet With Hinged Doors Note: 15" deep and 24" high.	3,639.59	135.05
11 41 31 00-0005	EA		72" Wall Cabinet With Open Shelves Note: 15" deep and 24" high.	2,329.31	86.15
11 41 31 00-0006 Mobile Sheet Pan Truck ^(11 41 31)					
11 41 31 00-0007	EA		2 Level Mobile Sheet Pan Truck	222.90	6.71
11 41 31 00-0008 Pot And Utensil Rack ^(11 41 31)					
11 41 31 00-0009	EA		70" Bench Type Pot And Utensil Rack	650.16	20.46
11 41 31 00-0010	EA		94" Bench Type Pot And Utensil Rack	753.60	23.12
11 41 31 00-0011	EA		94" Ceiling Type Pot And Utensil Rack	895.90	27.70
11 41 31 00-0012	EA		96" Wall Type Pot And Utensil Rack	487.21	15.13
11 41 31 00-0013 Tray And Silverware Cart ^(11 41 31)					
11 41 31 00-0014	EA		33" x 22-1/2" x 42" Tray And Silverware Cart	2,249.03	69.05
11 41 31 00-0015 Flat Top Utility Units ^(11 41 31)					
11 41 31 00-0016	EA		39" x 28-1/2" x 35-3/8" Flat Top Utility Units	1,533.38	47.20
11 41 31 00-0017	EA		79-1/2" x 28-1/2" x 35-3/8" Flat Top Utility Units	2,054.86	63.08
11 41 33 Foodservice Shelving ^(11 41)					
11 41 33 00-0001 Shelving/Racks ^(11 41 33)					
11 41 33 00-0002 Chrome Shelving Units ^(11 41 33 00-0001)					
11 41 33 00-0003 54" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit ^(11 41 33 00-0002)					
11 41 33 00-0004	EA		14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	345.47	33.11
11 41 33 00-0005	EA		14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	365.54	33.39
11 41 33 00-0006	EA		14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	390.47	33.66
11 41 33 00-0007	EA		14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	405.80	33.94
11 41 33 00-0008	EA		14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	435.46	34.21
11 41 33 00-0009	EA		14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	460.49	34.49
11 41 33 00-0010	EA		14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	480.56	34.76
11 41 33 00-0011	EA		14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	525.57	35.30
11 41 33 00-0012	EA		18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	379.97	33.39
11 41 33 00-0013	EA		18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	395.29	33.66

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 41 33 00-0014	EA	18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	410.64	33.94
11 41 33 00-0015	EA	18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	454.83	34.21
11 41 33 00-0016	EA	18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	484.58	34.49
11 41 33 00-0017	EA	18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	523.92	34.76
11 41 33 00-0018	EA	18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	539.16	35.03
11 41 33 00-0019	EA	18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	593.95	35.58
11 41 33 00-0020	EA	21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	400.13	33.66
11 41 33 00-0021	EA	21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	434.64	33.94
11 41 33 00-0022	EA	21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	459.67	34.21
11 41 33 00-0023	EA	21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	489.33	34.49
11 41 33 00-0024	EA	21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	509.49	34.76
11 41 33 00-0025	EA	21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	558.53	35.03
11 41 33 00-0026	EA	21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	583.44	35.30
11 41 33 00-0027	EA	21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	647.80	35.85
11 41 33 00-0028	EA	24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	444.42	33.94
11 41 33 00-0029	EA	24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	464.51	34.21
11 41 33 00-0030	EA	24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	479.74	34.49
11 41 33 00-0031	EA	24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	519.18	34.76
11 41 33 00-0032	EA	24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	544.10	35.03
11 41 33 00-0033	EA	24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	593.13	35.30
11 41 33 00-0034	EA	24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	627.62	35.58
11 41 33 00-0035	EA	24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	711.32	36.12
11 41 33 00-0036	EA	30" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	599.52	34.21
11 41 33 00-0037	EA	30" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	677.36	34.49
11 41 33 00-0038	EA	30" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	726.48	34.76
11 41 33 00-0039	EA	30" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	838.23	35.03
11 41 33 00-0040	EA	36" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	665.42	35.30
11 41 33 00-0041	EA	36" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	738.64	35.58
11 41 33 00-0042	EA	36" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	830.94	35.85
11 41 33 00-0043	EA	36" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Chrome Shelving Unit	980.32	36.39

11 41 33 00-0044 63" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0045	EA	14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	350.22	33.11
11 41 33 00-0046	EA	14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	370.29	33.39
11 41 33 00-0047	EA	14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	395.19	33.66
11 41 33 00-0048	EA	14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	410.55	33.94
11 41 33 00-0049	EA	14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	440.20	34.21
11 41 33 00-0050	EA	14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	465.21	34.49
11 41 33 00-0051	EA	14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	485.30	34.76
11 41 33 00-0052	EA	14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	530.29	35.30
11 41 33 00-0053	EA	18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	384.69	33.39
11 41 33 00-0054	EA	18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	400.03	33.66
11 41 33 00-0055	EA	18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	415.39	33.94
11 41 33 00-0056	EA	18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	459.55	34.21
11 41 33 00-0057	EA	18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	489.33	34.49
11 41 33 00-0058	EA	18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	528.64	34.76
11 41 33 00-0059	EA	18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	543.90	35.03
11 41 33 00-0060	EA	18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	551.83	35.58
11 41 33 00-0061	EA	21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	404.87	33.66
11 41 33 00-0062	EA	21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	439.38	33.94
11 41 33 00-0063	EA	21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	464.39	34.21
11 41 33 00-0064	EA	21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	494.05	34.49
11 41 33 00-0065	EA	21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	514.24	34.76
11 41 33 00-0066	EA	21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	563.25	35.03
11 41 33 00-0067	EA	21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	588.18	35.30
11 41 33 00-0068	EA	21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	652.55	35.85
11 41 33 00-0069	EA	24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	449.16	33.94
11 41 33 00-0070	EA	24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	469.23	34.21
11 41 33 00-0071	EA	24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	484.48	34.49
11 41 33 00-0072	EA	24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	523.92	34.76
11 41 33 00-0073	EA	24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	548.84	35.03
11 41 33 00-0074	EA	24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	597.85	35.30
11 41 33 00-0075	EA	24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	632.34	35.58
11 41 33 00-0076	EA	24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	716.07	36.12
11 41 33 00-0077	EA	30" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	604.24	34.21
11 41 33 00-0078	EA	30" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	682.10	34.49
11 41 33 00-0079	EA	30" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	731.20	34.76
11 41 33 00-0080	EA	30" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	842.95	35.03
11 41 33 00-0081	EA	36" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	670.14	35.30
11 41 33 00-0082	EA	36" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	743.36	35.58
11 41 33 00-0083	EA	36" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	835.74	35.85
11 41 33 00-0084	EA	36" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Chrome Shelving Unit	985.04	36.39

11 41 33 00-0085 66" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0086	EA	14" x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	352.69	33.11
11 41 33 00-0087	EA	14" x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	372.76	33.39
11 41 33 00-0088	EA	14" x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	397.66	33.66
11 41 33 00-0089	EA	14" x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	413.02	33.94
11 41 33 00-0090	EA	14" x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	442.67	34.21
11 41 33 00-0091	EA	14" x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	467.68	34.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0092	EA	14"	x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	487.77	34.76
11 41 33 00-0093	EA	14"	x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	532.76	35.30
11 41 33 00-0094	EA	18"	x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	387.19	33.39
11 41 33 00-0095	EA	18"	x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	402.50	33.66
11 41 33 00-0096	EA	18"	x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	417.86	33.94
11 41 33 00-0097	EA	18"	x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	462.04	34.21
11 41 33 00-0098	EA	18"	x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	491.80	34.49
11 41 33 00-0099	EA	18"	x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	531.11	34.76
11 41 33 00-0100	EA	18"	x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	546.37	35.03
11 41 33 00-0101	EA	18"	x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	601.16	35.58
11 41 33 00-0102	EA	21"	x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	407.34	33.66
11 41 33 00-0103	EA	21"	x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	441.85	33.94
11 41 33 00-0104	EA	21"	x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	466.86	34.21
11 41 33 00-0105	EA	21"	x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	496.52	34.49
11 41 33 00-0106	EA	21"	x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	516.71	34.76
11 41 33 00-0107	EA	21"	x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	565.72	35.03
11 41 33 00-0108	EA	21"	x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	590.66	35.30
11 41 33 00-0109	EA	21"	x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	655.02	35.85
11 41 33 00-0110	EA	24"	x 24" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	451.63	33.94
11 41 33 00-0111	EA	24"	x 30" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	471.70	34.21
11 41 33 00-0112	EA	24"	x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	486.95	34.49
11 41 33 00-0113	EA	24"	x 42" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	526.39	34.76
11 41 33 00-0114	EA	24"	x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	551.31	35.03
11 41 33 00-0115	EA	24"	x 54" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	600.34	35.30
11 41 33 00-0116	EA	24"	x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	634.81	35.58
11 41 33 00-0117	EA	24"	x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	718.54	36.12
11 41 33 00-0118	EA	30"	x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	606.71	34.21
11 41 33 00-0119	EA	30"	x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	684.57	34.49
11 41 33 00-0120	EA	30"	x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	733.70	34.76
11 41 33 00-0121	EA	30"	x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	845.42	35.03
11 41 33 00-0122	EA	36"	x 36" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	672.61	35.30
11 41 33 00-0123	EA	36"	x 48" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	745.83	35.58
11 41 33 00-0124	EA	36"	x 60" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	838.18	35.85
11 41 33 00-0125	EA	36"	x 72" Wide Open Wire Shelf, 66" Height, 4 Shelves, Chrome Shelving Unit	987.51	36.39
11 41 33 00-0126 74" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)					
11 41 33 00-0127	EA	14"	x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	359.88	33.11
11 41 33 00-0128	EA	14"	x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	379.97	33.39
11 41 33 00-0129	EA	14"	x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	404.87	33.66
11 41 33 00-0130	EA	14"	x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	420.23	33.94
11 41 33 00-0131	EA	14"	x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	449.89	34.21
11 41 33 00-0132	EA	14"	x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	474.90	34.49
11 41 33 00-0133	EA	14"	x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	494.99	34.76
11 41 33 00-0134	EA	14"	x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	539.98	35.30
11 41 33 00-0135	EA	18"	x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	394.38	33.39
11 41 33 00-0136	EA	18"	x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	409.72	33.66
11 41 33 00-0137	EA	18"	x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	425.07	33.94
11 41 33 00-0138	EA	18"	x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	469.23	34.21
11 41 33 00-0139	EA	18"	x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	498.99	34.49
11 41 33 00-0140	EA	18"	x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	538.33	34.76
11 41 33 00-0141	EA	18"	x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	553.59	35.03
11 41 33 00-0142	EA	18"	x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	608.35	35.58
11 41 33 00-0143	EA	21"	x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	414.56	33.66
11 41 33 00-0144	EA	21"	x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	449.07	33.94
11 41 33 00-0145	EA	21"	x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	474.08	34.21
11 41 33 00-0146	EA	21"	x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	503.73	34.49
11 41 33 00-0147	EA	21"	x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	523.92	34.76
11 41 33 00-0148	EA	21"	x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	572.93	35.03
11 41 33 00-0149	EA	21"	x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	597.85	35.30
11 41 33 00-0150	EA	21"	x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	662.23	35.85
11 41 33 00-0151	EA	24"	x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	458.85	33.94
11 41 33 00-0152	EA	24"	x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	478.92	34.21
11 41 33 00-0153	EA	24"	x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	494.17	34.49
11 41 33 00-0154	EA	24"	x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	533.58	34.76
11 41 33 00-0155	EA	24"	x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	558.53	35.03
11 41 33 00-0156	EA	24"	x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	607.53	35.30
11 41 33 00-0157	EA	24"	x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	642.03	35.58
11 41 33 00-0158	EA	24"	x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	725.75	36.12
11 41 33 00-0159	EA	30"	x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	613.93	34.21
11 41 33 00-0160	EA	30"	x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	691.79	34.49
11 41 33 00-0161	EA	30"	x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	740.89	34.76
11 41 33 00-0162	EA	30"	x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	852.64	35.03
11 41 33 00-0163	EA	36"	x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	679.83	35.30
11 41 33 00-0164	EA	36"	x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	753.04	35.58
11 41 33 00-0165	EA	36"	x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	845.42	35.85
11 41 33 00-0166	EA	36"	x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Chrome Shelving Unit	994.73	36.39
11 41 33 00-0167 86" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)					
11 41 33 00-0168	EA	14"	x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	379.15	33.11
11 41 33 00-0169	EA	14"	x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	399.22	33.39

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

11 41 33 00-0170	EA	14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	424.12	33.66
11 41 33 00-0171	EA	14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	439.48	33.94
11 41 33 00-0172	EA	14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	469.14	34.21
11 41 33 00-0173	EA	14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	494.17	34.49
11 41 33 00-0174	EA	14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	514.24	34.76
11 41 33 00-0175	EA	14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	559.25	35.30
11 41 33 00-0176	EA	18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	413.65	33.39
11 41 33 00-0177	EA	18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	428.96	33.66
11 41 33 00-0178	EA	18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	444.32	33.94
11 41 33 00-0179	EA	18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	488.51	34.21
11 41 33 00-0180	EA	18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	518.26	34.49
11 41 33 00-0181	EA	18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	557.60	34.76
11 41 33 00-0182	EA	18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	572.84	35.03
11 41 33 00-0183	EA	18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	627.62	35.58
11 41 33 00-0184	EA	21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	433.81	33.66
11 41 33 00-0185	EA	21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	468.32	33.94
11 41 33 00-0186	EA	21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	493.35	34.21
11 41 33 00-0187	EA	21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	522.98	34.49
11 41 33 00-0188	EA	21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	543.17	34.76
11 41 33 00-0189	EA	21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	592.21	35.03
11 41 33 00-0190	EA	21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	617.12	35.30
11 41 33 00-0191	EA	21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	681.48	35.85
11 41 33 00-0192	EA	24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	478.10	33.94
11 41 33 00-0193	EA	24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	498.17	34.21
11 41 33 00-0194	EA	24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	513.42	34.49
11 41 33 00-0195	EA	24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	552.86	34.76
11 41 33 00-0196	EA	24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	577.78	35.03
11 41 33 00-0197	EA	24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	626.80	35.30
11 41 33 00-0198	EA	24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	661.28	35.58
11 41 33 00-0199	EA	24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	745.00	36.12
11 41 33 00-0200	EA	30" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	633.18	34.21
11 41 33 00-0201	EA	30" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	711.04	34.49
11 41 33 00-0202	EA	30" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	760.16	34.76
11 41 33 00-0203	EA	30" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	871.88	35.03
11 41 33 00-0204	EA	36" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	699.08	35.30
11 41 33 00-0205	EA	36" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	772.29	35.58
11 41 33 00-0206	EA	36" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	864.69	35.85
11 41 33 00-0207	EA	36" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Chrome Shelving Unit	1,013.98	36.39

11 41 33 00-0208 96" Height, 4 Tier Open Wire Shelves, Chrome Shelving Unit (11 41 33 00-0002)

11 41 33 00-0209	EA	14" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	450.28	33.11
11 41 33 00-0210	EA	14" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	475.16	33.39
11 41 33 00-0211	EA	14" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	506.10	33.66
11 41 33 00-0212	EA	14" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	525.08	33.94
11 41 33 00-0213	EA	14" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	561.95	34.21
11 41 33 00-0214	EA	14" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	593.03	34.49
11 41 33 00-0215	EA	14" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	617.91	34.76
11 41 33 00-0216	EA	14" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	673.76	35.30
11 41 33 00-0217	EA	18" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	493.19	33.39
11 41 33 00-0218	EA	18" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	512.15	33.66
11 41 33 00-0219	EA	18" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	531.12	33.94
11 41 33 00-0220	EA	18" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	586.14	34.21
11 41 33 00-0221	EA	18" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	623.14	34.49
11 41 33 00-0222	EA	18" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	672.11	34.76
11 41 33 00-0223	EA	18" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	690.94	35.03
11 41 33 00-0224	EA	18" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	759.01	35.58
11 41 33 00-0225	EA	21" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	518.21	33.66
11 41 33 00-0226	EA	21" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	561.13	33.94
11 41 33 00-0227	EA	21" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	592.21	34.21
11 41 33 00-0228	EA	21" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	629.05	34.49
11 41 33 00-0229	EA	21" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	654.09	34.76
11 41 33 00-0230	EA	21" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	715.16	35.03
11 41 33 00-0231	EA	21" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	746.11	35.30
11 41 33 00-0232	EA	21" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	826.15	35.85
11 41 33 00-0233	EA	24" x 24" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	573.36	33.94
11 41 33 00-0234	EA	24" x 30" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	598.25	34.21
11 41 33 00-0235	EA	24" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	617.09	34.49
11 41 33 00-0236	EA	24" x 42" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	666.19	34.76
11 41 33 00-0237	EA	24" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	697.13	35.03
11 41 33 00-0238	EA	24" x 54" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	758.19	35.30
11 41 33 00-0239	EA	24" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	801.10	35.58
11 41 33 00-0240	EA	24" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	905.35	36.12
11 41 33 00-0241	EA	30" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	767.01	34.21
11 41 33 00-0242	EA	30" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	864.12	34.49
11 41 33 00-0243	EA	30" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	925.30	34.76
11 41 33 00-0244	EA	30" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,064.79	35.03
11 41 33 00-0245	EA	36" x 36" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	848.56	35.30
11 41 33 00-0246	EA	36" x 48" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	939.88	35.58
11 41 33 00-0247	EA	36" x 60" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,055.15	35.85
11 41 33 00-0248	EA	36" x 72" Wide Open Wire Shelf, 96" Height, 4 Shelves, Chrome Shelving Unit	1,241.36	36.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0249 Galvanized Shelving Units <small>(11 41 33 00-0001)</small>		
11 41 33 00-0250 54" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0251 EA 14" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	394.60	33.11
11 41 33 00-0252 EA 14" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	416.09	33.39
11 41 33 00-0253 EA 14" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	442.84	33.66
11 41 33 00-0254 EA 14" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	464.34	33.94
11 41 33 00-0255 EA 14" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	496.28	34.21
11 41 33 00-0256 EA 14" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	522.93	34.49
11 41 33 00-0257 EA 14" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	549.69	34.76
11 41 33 00-0258 EA 14" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	592.67	35.30
11 41 33 00-0259 EA 18" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	431.60	33.39
11 41 33 00-0260 EA 18" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	448.02	33.66
11 41 33 00-0261 EA 18" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	479.85	33.94
11 41 33 00-0262 EA 18" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	516.95	34.21
11 41 33 00-0263 EA 18" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	548.87	34.49
11 41 33 00-0264 EA 18" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	591.02	34.76
11 41 33 00-0265 EA 18" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	622.98	35.03
11 41 33 00-0266 EA 18" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	671.30	35.58
11 41 33 00-0267 EA 21" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	453.18	33.66
11 41 33 00-0268 EA 21" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	495.46	33.94
11 41 33 00-0269 EA 21" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	522.11	34.21
11 41 33 00-0270 EA 21" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	554.05	34.49
11 41 33 00-0271 EA 21" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	575.54	34.76
11 41 33 00-0272 EA 21" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	633.31	35.03
11 41 33 00-0273 EA 21" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	660.07	35.30
11 41 33 00-0274 EA 21" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	739.34	35.85
11 41 33 00-0275 EA 24" x 24" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	505.80	33.94
11 41 33 00-0276 EA 24" x 30" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	527.28	34.21
11 41 33 00-0277 EA 24" x 36" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	543.72	34.49
11 41 33 00-0278 EA 24" x 42" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	585.87	34.76
11 41 33 00-0279 EA 24" x 48" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	633.31	35.03
11 41 33 00-0280 EA 24" x 54" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	685.90	35.30
11 41 33 00-0281 EA 24" x 60" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	728.17	35.58
11 41 33 00-0282 EA 24" x 72" Wide Open Wire Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	823.03	36.12
11 41 33 00-0283 63" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0284 EA 14" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	404.94	33.11
11 41 33 00-0285 EA 14" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	426.42	33.39
11 41 33 00-0286 EA 14" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	453.18	33.66
11 41 33 00-0287 EA 14" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	474.67	33.94
11 41 33 00-0288 EA 14" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	506.62	34.21
11 41 33 00-0289 EA 14" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	533.26	34.49
11 41 33 00-0290 EA 14" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	560.02	34.76
11 41 33 00-0291 EA 14" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	603.01	35.30
11 41 33 00-0292 EA 18" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	441.94	33.39
11 41 33 00-0293 EA 18" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	458.36	33.66
11 41 33 00-0294 EA 18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	490.19	33.94
11 41 33 00-0295 EA 18" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	527.28	34.21
11 41 33 00-0296 EA 18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	559.20	34.49
11 41 33 00-0297 EA 18" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	601.36	34.76
11 41 33 00-0298 EA 18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	633.31	35.03
11 41 33 00-0299 EA 18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	681.56	35.58
11 41 33 00-0300 EA 21" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	463.51	33.66
11 41 33 00-0301 EA 21" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	505.80	33.94
11 41 33 00-0302 EA 21" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	532.44	34.21
11 41 33 00-0303 EA 21" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	564.38	34.49
11 41 33 00-0304 EA 21" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	585.87	34.76
11 41 33 00-0305 EA 21" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	643.64	35.03
11 41 33 00-0306 EA 21" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	670.41	35.30
11 41 33 00-0307 EA 21" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	749.67	35.85
11 41 33 00-0308 EA 24" x 24" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	516.13	33.94
11 41 33 00-0309 EA 24" x 30" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	537.62	34.21
11 41 33 00-0310 EA 24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	554.05	34.49
11 41 33 00-0311 EA 24" x 42" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	596.20	34.76
11 41 33 00-0312 EA 24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	643.64	35.03
11 41 33 00-0313 EA 24" x 54" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	696.23	35.30
11 41 33 00-0314 EA 24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	738.51	35.58
11 41 33 00-0315 EA 24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	833.37	36.12
11 41 33 00-0316 74" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0317 EA 14" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	415.27	33.11
11 41 33 00-0318 EA 14" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	436.76	33.39
11 41 33 00-0319 EA 14" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	463.51	33.66
11 41 33 00-0320 EA 14" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	485.01	33.94
11 41 33 00-0321 EA 14" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	516.95	34.21
11 41 33 00-0322 EA 14" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	543.59	34.49
11 41 33 00-0323 EA 14" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	570.36	34.76
11 41 33 00-0324 EA 14" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	613.34	35.30
11 41 33 00-0325 EA 18" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	452.27	33.39

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0326	EA		18" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	468.69	33.66
11 41 33 00-0327	EA		18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	500.52	33.94
11 41 33 00-0328	EA		18" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	537.62	34.21
11 41 33 00-0329	EA		18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	569.54	34.49
11 41 33 00-0330	EA		18" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	611.69	34.76
11 41 33 00-0331	EA		18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	643.64	35.03
11 41 33 00-0332	EA		18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	691.89	35.58
11 41 33 00-0333	EA		21" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	473.84	33.66
11 41 33 00-0334	EA		21" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	516.13	33.94
11 41 33 00-0335	EA		21" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	542.77	34.21
11 41 33 00-0336	EA		21" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	574.72	34.49
11 41 33 00-0337	EA		21" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	596.20	34.76
11 41 33 00-0338	EA		21" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	653.98	35.03
11 41 33 00-0339	EA		21" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	680.74	35.30
11 41 33 00-0340	EA		21" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	760.00	35.85
11 41 33 00-0341	EA		24" x 24" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	526.46	33.94
11 41 33 00-0342	EA		24" x 30" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	547.95	34.21
11 41 33 00-0343	EA		24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	564.38	34.49
11 41 33 00-0344	EA		24" x 42" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	606.54	34.76
11 41 33 00-0345	EA		24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	653.98	35.03
11 41 33 00-0346	EA		24" x 54" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	706.56	35.30
11 41 33 00-0347	EA		24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	748.84	35.58
11 41 33 00-0348	EA		24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit.....	843.70	36.12
11 41 33 00-0349			86" Height, 4 Tier Open Wire Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0350	EA		14" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	441.21	33.11
11 41 33 00-0351	EA		14" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	462.70	33.39
11 41 33 00-0352	EA		14" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	489.46	33.66
11 41 33 00-0353	EA		14" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	510.95	33.94
11 41 33 00-0354	EA		14" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	542.90	34.21
11 41 33 00-0355	EA		14" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	569.54	34.49
11 41 33 00-0356	EA		14" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	596.30	34.76
11 41 33 00-0357	EA		14" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	639.28	35.30
11 41 33 00-0358	EA		18" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	478.21	33.39
11 41 33 00-0359	EA		18" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	494.63	33.66
11 41 33 00-0360	EA		18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	526.46	33.94
11 41 33 00-0361	EA		18" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	563.56	34.21
11 41 33 00-0362	EA		18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	595.48	34.49
11 41 33 00-0363	EA		18" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	637.63	34.76
11 41 33 00-0364	EA		18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	669.59	35.03
11 41 33 00-0365	EA		18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	717.84	35.58
11 41 33 00-0366	EA		21" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	499.79	33.66
11 41 33 00-0367	EA		21" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	542.08	33.94
11 41 33 00-0368	EA		21" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	568.72	34.21
11 41 33 00-0369	EA		21" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	600.66	34.49
11 41 33 00-0370	EA		21" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	622.15	34.76
11 41 33 00-0371	EA		21" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	679.92	35.03
11 41 33 00-0372	EA		21" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	706.69	35.30
11 41 33 00-0373	EA		21" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	785.95	35.85
11 41 33 00-0374	EA		24" x 24" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	552.41	33.94
11 41 33 00-0375	EA		24" x 30" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	573.90	34.21
11 41 33 00-0376	EA		24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	590.33	34.49
11 41 33 00-0377	EA		24" x 42" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	632.48	34.76
11 41 33 00-0378	EA		24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	679.92	35.03
11 41 33 00-0379	EA		24" x 54" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	732.51	35.30
11 41 33 00-0380	EA		24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	774.78	35.58
11 41 33 00-0381	EA		24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit.....	869.64	36.12
11 41 33 00-0382			54" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0383	EA		18" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	775.01	33.94
11 41 33 00-0384	EA		18" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	854.36	34.49
11 41 33 00-0385	EA		18" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	959.56	35.03
11 41 33 00-0386	EA		18" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	1,023.33	35.58
11 41 33 00-0387	EA		24" x 36" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	849.10	34.49
11 41 33 00-0388	EA		24" x 48" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	985.41	35.03
11 41 33 00-0389	EA		24" x 60" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	1,090.60	35.58
11 41 33 00-0390	EA		24" x 72" Wide Solid Shelf, 54" Height, 4 Shelves, Galvanized Shelving Unit.....	1,247.56	36.12
11 41 33 00-0391			63" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0392	EA		18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	785.34	33.94
11 41 33 00-0393	EA		18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	864.71	34.49
11 41 33 00-0394	EA		18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	969.90	35.03
11 41 33 00-0395	EA		18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	1,033.66	35.58
11 41 33 00-0396	EA		24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	859.44	34.49
11 41 33 00-0397	EA		24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	995.74	35.03
11 41 33 00-0398	EA		24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	1,100.94	35.58
11 41 33 00-0399	EA		24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Galvanized Shelving Unit.....	1,257.90	36.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0400 74" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0401 EA 18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	795.67	33.94
11 41 33 00-0402 EA 18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	875.05	34.49
11 41 33 00-0403 EA 18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	980.25	35.03
11 41 33 00-0404 EA 18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,043.99	35.58
11 41 33 00-0405 EA 24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	869.77	34.49
11 41 33 00-0406 EA 24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,006.08	35.03
11 41 33 00-0407 EA 24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,111.27	35.58
11 41 33 00-0408 EA 24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Galvanized Shelving Unit	1,268.26	36.12
11 41 33 00-0409 86" Height, 4 Tier Solid Shelves, Galvanized Shelving Unit <small>(11 41 33 00-0249)</small>		
11 41 33 00-0410 EA 18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	821.62	33.94
11 41 33 00-0411 EA 18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	900.97	34.49
11 41 33 00-0412 EA 18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,006.17	35.03
11 41 33 00-0413 EA 18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,069.94	35.58
11 41 33 00-0414 EA 24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	895.72	34.49
11 41 33 00-0415 EA 24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,032.02	35.03
11 41 33 00-0416 EA 24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,137.21	35.58
11 41 33 00-0417 EA 24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Galvanized Shelving Unit	1,294.18	36.12
11 41 33 00-0418 Stainless Steel Shelving Unit <small>(11 41 33 00-0001)</small>		
11 41 33 00-0419 63" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0420 EA 18" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	999.05	33.94
11 41 33 00-0421 EA 18" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,170.06	34.49
11 41 33 00-0422 EA 18" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,386.35	35.03
11 41 33 00-0423 EA 18" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,612.90	35.58
11 41 33 00-0424 EA 24" x 36" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,184.44	34.49
11 41 33 00-0425 EA 24" x 48" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,380.70	35.03
11 41 33 00-0426 EA 24" x 60" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,638.15	35.58
11 41 33 00-0427 EA 24" x 72" Wide Open Wire Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,978.43	36.12
11 41 33 00-0428 74" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0429 EA 18" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,035.09	33.94
11 41 33 00-0430 EA 18" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,206.10	34.49
11 41 33 00-0431 EA 18" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,427.52	35.03
11 41 33 00-0432 EA 18" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,648.92	35.58
11 41 33 00-0433 EA 24" x 36" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,220.48	34.49
11 41 33 00-0434 EA 24" x 48" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,416.72	35.03
11 41 33 00-0435 EA 24" x 60" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,674.17	35.58
11 41 33 00-0436 EA 24" x 72" Wide Open Wire Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,014.47	36.12
11 41 33 00-0437 86" Height, 4 Tier Open Wire Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0438 EA 18" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,071.11	33.94
11 41 33 00-0439 EA 18" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,242.12	34.49
11 41 33 00-0440 EA 18" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,463.54	35.03
11 41 33 00-0441 EA 18" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,684.96	35.58
11 41 33 00-0442 EA 24" x 36" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,256.50	34.49
11 41 33 00-0443 EA 24" x 48" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,452.76	35.03
11 41 33 00-0444 EA 24" x 60" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,710.21	35.58
11 41 33 00-0445 EA 24" x 72" Wide Open Wire Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,050.49	36.12
11 41 33 00-0446 63" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0447 EA 18" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,670.83	33.94
11 41 33 00-0448 EA 18" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	1,850.91	34.49
11 41 33 00-0449 EA 18" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,090.23	35.03
11 41 33 00-0450 EA 18" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,234.47	35.58
11 41 33 00-0451 EA 24" x 36" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,008.95	34.49
11 41 33 00-0452 EA 24" x 48" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,373.06	35.03
11 41 33 00-0453 EA 24" x 60" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	2,638.41	35.58
11 41 33 00-0454 EA 24" x 72" Wide Solid Shelf, 63" Height, 4 Shelves, Stainless Steel Shelving Unit	3,035.59	36.12
11 41 33 00-0455 74" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit <small>(11 41 33 00-0418)</small>		
11 41 33 00-0456 EA 18" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,722.59	33.94
11 41 33 00-0457 EA 18" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	1,905.82	34.49
11 41 33 00-0458 EA 18" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,149.38	35.03
11 41 33 00-0459 EA 18" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,296.08	35.58
11 41 33 00-0460 EA 24" x 36" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,060.74	34.49
11 41 33 00-0461 EA 24" x 48" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,424.83	35.03
11 41 33 00-0462 EA 24" x 60" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	2,693.10	35.58
11 41 33 00-0463 EA 24" x 72" Wide Solid Shelf, 74" Height, 4 Shelves, Stainless Steel Shelving Unit	3,094.75	36.12

11 Equipment**11 40 Foodservice Equipment****11 41 Foodservice Storage Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 41 33 00-0464			86" Height, 4 Tier Solid Shelves, Stainless Steel Shelving Unit ^(11 41 33 00-0418)		
11 41 33 00-0465	EA		18" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,774.38	33.94
11 41 33 00-0466	EA		18" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	1,956.60	34.49
11 41 33 00-0467	EA		18" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,198.89	35.03
11 41 33 00-0468	EA		18" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,344.90	35.58
11 41 33 00-0469	EA		24" x 36" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,112.51	34.49
11 41 33 00-0470	EA		24" x 48" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,476.62	35.03
11 41 33 00-0471	EA		24" x 60" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	2,743.22	35.58
11 41 33 00-0472	EA		24" x 72" Wide Solid Shelf, 86" Height, 4 Shelves, Stainless Steel Shelving Unit	3,142.27	36.12
11 41 33 00-0473			Galvanized Steel Dunnage Rack ^(11 41 33 00-0001)		
11 41 33 00-0474	EA		18" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	253.79	24.41
11 41 33 00-0475	EA		18" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	267.71	25.08
11 41 33 00-0476	EA		18" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	283.61	25.77
11 41 33 00-0477	EA		18" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	313.33	26.45
11 41 33 00-0478	EA		18" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	339.09	27.12
11 41 33 00-0479	EA		24" x 24" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	273.56	24.41
11 41 33 00-0480	EA		24" x 30" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	299.33	25.08
11 41 33 00-0481	EA		24" x 36" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	315.23	25.77
11 41 33 00-0482	EA		24" x 48" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	342.97	26.45
11 41 33 00-0483	EA		24" x 60" Open Wire Shelf, 14" Height, Galvanized Dunnage Rack	374.67	27.12
11 41 33 00-0484			Stainless Steel Dunnage Rack ^(11 41 33 00-0001)		
11 41 33 00-0485	EA		18" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	695.51	25.77
11 41 33 00-0486	EA		18" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	874.09	26.45
11 41 33 00-0487	EA		18" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,483.45	27.12
11 41 33 00-0488	EA		24" x 36" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	761.60	25.77
11 41 33 00-0489	EA		24" x 48" Open Wire Shelf, 14-1/2" Height, Stainless Steel Dunnage Rack	950.62	26.45
11 41 33 00-0490	EA		24" x 60" Open Wire Shelf, 16-1/4" Height, Stainless Steel Dunnage Rack	1,618.51	27.12
11 41 33 00-0491			Mobile Racks ^(11 41 33 00-0001)		
11 41 33 00-0492	EA		Mobile Rack With Pan Slide.....	1,917.12	41.09
11 41 33 00-0493			Can Racks ^(11 41 33 00-0001)		
11 41 33 00-0494	EA		27-1/4" Wide x 42" Deep x 81-1/16" High, Aluminum Frame Can Rack	3,950.81	41.09
			Note: 156 #10 cans capacity		
11 42			Food Preparation Equipment ^(11 40)		
11 42 13			Food Preparation Appliances ^(11 42)		
11 42 13 00-0001			Vertical Cutter Mixers ^(11 42 13)		
11 42 13 00-0002	EA		Bench Type Mixers, 25 Quart	11,258.62	210.39
11 42 13 00-0003	EA		Bench Type Mixers, 40 Quart	13,012.25	233.77
11 42 13 00-0004	EA		Bench Type Mixers, 80 Quart	16,156.54	336.64
11 42 13 00-0005	EA		Bench Type Mixers, 130 Quart	18,045.23	420.79
11 42 13 00-0006			Choppers ^(11 42 13)		
11 42 13 00-0007	EA		Choppers, 5 LB.....	2,824.54	187.02
11 42 13 00-0008	EA		Choppers, 16 LB.....	4,144.73	243.13
11 42 13 00-0009	EA		Choppers, 35 LB - 40 LB	8,026.87	299.22
11 42 13 00-0010	EA		Choppers, 35 LB - 40 LB/Min, 2 HP.....	6,665.21	265.85
11 42 13 00-0011	EA		Choppers, 35 LB - 40 LB/Min, 3 HP.....	7,563.01	265.85
11 42 13 00-0012			Stand Model Mixer ^(11 42 13)		
11 42 13 00-0013	EA		10 Quart, 120 Volt, 3/4 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX10).....	1,333.67	91.04
11 42 13 00-0014	EA		20 Quart, 120 Volt, 1-1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Avantco MX20)	1,663.17	91.04
11 42 13 00-0015	EA		10 Quart, 120 Volt, 1/3 HP, Gear-Driven Commercial Planetary Stand Mixer With Guard (Globe SP10)	4,417.74	91.04
11 42 13 00-0016	EA		20 Quart, 240 Voltage, 1/2 HP, Gear-Driven Commercial Planetary Stand Mixer With Stainless Steel Bowl Guard (Hobart HL-200-1).....	9,337.22	88.83
11 42 13 00-0017			Floor Model Mixer ^(11 42 13)		
11 42 13 00-0018	EA		30 Quart, 120 Voltage, 1-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX30).....	3,475.38	91.04
11 42 13 00-0019	EA		40 Quart, 240 Voltage, 2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX40).....	4,813.62	101.17
11 42 13 00-0020	EA		60 Quart, 240 Voltage, 2-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Avantco MX60).....	8,298.57	113.81
11 42 13 00-0021	EA		30 Quart, 240 Voltage, 3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-300-1).....	17,776.55	88.83
11 42 13 00-0022	EA		40 Quart, 240 Voltage, 1-1/2 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-400-1).....	21,830.72	91.17

Equipment	11	
Foodservice Equipment	11 40	⇩
Food Preparation Equipment	11 42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 13 00-0023 EA 60 Quart, 220-240 Voltage, 2-3/4 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-600-1)	27,811.47	93.51
11 42 13 00-0024 EA 80 Quart, 220-240 Voltage, 3 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL800-1).....	41,078.83	116.88
11 42 13 00-0025 EA 140 Quart, 220-240 Voltage, 5 HP, Gear-Driven Commercial Planetary Floor Mixer With Stainless Steel Bowl Guard (Hobart HL-1400-1)	52,618.98	149.62
11 42 13 00-0026 Slicers <small>(11 42 13)</small>		
11 42 13 00-0027 EA 1/3 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL312).....	659.26	28.45
11 42 13 00-0028 EA 1/2 HP, 12" Manual Gravity Feed Meat Slicer (Avantco SL512).....	959.25	28.45
11 42 13 00-0029 EA 1/2 HP, 13" Medium-Duty Manual Gravity Feed Meat Slicer (Avantco SL713MAN).....	1,380.90	28.45
11 42 13 00-0030 EA 1/2 HP, 12" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL612A).....	2,344.67	28.45
11 42 13 00-0031 EA 3/4 HP, 13" Medium-Duty Automatic Meat Slicer With Manual Use Option (Avantco SL713A).....	2,585.62	28.45
11 42 13 00-0032 EA 1/2 HP, 13" Heavy-Duty Automatic Gravity Feed Meat Slicer (Hobart EDGE13A-11).....	6,679.50	28.45
11 42 13 00-0033 Peelers <small>(11 42 13)</small>		
11 42 13 00-0034 EA 22 Lb, 120 Voltage, Potato Peeler (Sammic PI-10).....	3,649.52	151.95
11 42 13 00-0035 EA 44 Lb, 120 Voltage, Potato Peeler (Sammic PI-20).....	4,211.99	177.20
11 42 13 00-0036 EA 66 Lb, 120 Voltage, Potato Peeler (Sammic PI-30).....	6,554.65	202.64
11 42 13 00-0037 EA 20 Lb, 115 Voltage, Potato Peeler (Hobart 6115).....	5,855.54	151.95
11 42 13 00-0038 EA 40 Lb, 115 Voltage, Potato Peeler (Hobart 6430-1).....	11,898.26	177.20
11 42 13 00-0039 EA 60 Lb, 115 Voltage, Potato Peeler (Hobart 6460-1).....	12,672.11	202.64
11 42 13 00-0040 Proof Boxes <small>(11 42 13)</small>		
11 42 13 00-0041 EA 30-1/2" x 22-1/2", Stainless Steel Proof Box.....	3,532.80	69.05
11 42 13 00-0042 EA 30-1/2" x 45", Stainless Steel Proof Box.....	5,911.32	115.72
11 42 13 00-0043 EA 30-1/2" x 45", Galvanized Proof Box.....	3,296.28	52.53
11 42 13 00-0044 Non-Insulated Heated Proof Cabinet <small>(11 42 13)</small>		
11 42 13 00-0045 EA Angle Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet.....	2,145.25	66.17
11 42 13 00-0046 EA Angle Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet.....	2,301.33	70.75
11 42 13 00-0047 EA Channel Slide 69-3/4", Solid Door Non-Insulated Heated Proof Cabinet.....	2,130.70	65.64
11 42 13 00-0048 EA Channel Slide 69-3/4", Clear Door Non-Insulated Heated Proof Cabinet.....	2,258.25	69.58
11 42 13 00-0049 Insulated Heated Proof Cabinet <small>(11 42 13)</small>		
11 42 13 00-0050 EA 3 Spacing, 69-3/4" High Solid Door Insulated Heated Proof Cabinet.....	3,517.03	130.72
11 42 13 00-0051 EA 3 Spacing 69-3/4" High Sliding Door Insulated Heated Proof Cabinet.....	3,675.35	136.65
11 42 13 00-0052 Pass-Thru Hot Food Holding Cabinet <small>(11 42 13)</small>		
11 42 13 00-0053 EA Single Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	7,314.39	196.37
11 42 13 00-0054 EA Single Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	7,785.40	196.37
11 42 13 00-0055 EA Two Section, Full Door, Pass-Thru Hot Food Holding Cabinet.....	9,953.84	205.72
11 42 13 00-0056 EA Two Section, Half Door, Pass-Thru Hot Food Holding Cabinet.....	10,916.00	205.72
11 42 16 Food Preparation Surfaces <small>(11 42)</small>		
11 42 16 00-0001 Tables <small>(11 42 16)</small>		
11 42 16 00-0002 Baker's Table <small>(11 42 16 00-0001)</small>		
11 42 16 00-0003 EA 4' Open Base Baker's Table.....	885.28	58.27
11 42 16 00-0004 EA 10' Open Base Baker's Table.....	1,737.51	114.26
11 42 16 00-0005 EA 10' Undershelf Baker's Table.....	2,143.82	140.99
11 42 16 00-0006 EA 10' Three Drawers Baker's Table.....	2,299.35	151.40
11 42 16 00-0007 EA 10' Bins Baker's Table.....	3,382.96	222.81
11 42 16 00-0008 EA 10' Bins And Drawers Baker's Table.....	5,312.19	349.75
11 42 16 00-0009 Preparation Table, Stainless Steel, With Undershelf <small>(11 42 16 00-0001)</small>		
11 42 16 00-0010 EA 30" x 72" Square Edge Stainless Steel Preparation Table With Undershelf.....	1,300.82	30.73
11 42 16 00-0011 EA 30" x 72" Marine Edge Stainless Steel Preparation Table With Undershelf.....	1,401.09	36.90
11 42 16 00-0012 EA 36" x 96" Marine Edge Stainless Steel Preparation Table With Undershelf.....	2,118.95	50.16
11 42 16 00-0013 Preparation Table, Stainless Steel, With Open Front <small>(11 42 16 00-0001)</small>		
11 42 16 00-0014 EA 30" X 72" Round Edge Stainless Steel Preparation Table With Open Front.....	1,369.69	32.33
11 42 16 00-0015 EA 36" X 96" Round Edge Stainless Steel Preparation Table With Open Front.....	1,760.44	41.59
11 42 16 00-0016 EA 36" X 96" Square Edge Stainless Steel Preparation Table With Open Front.....	1,512.21	35.77
11 42 16 00-0017 EA 36" X 96" Marine Edge Stainless Steel Preparation Table With Open Front.....	1,820.21	43.07
11 42 16 00-0018 EA Roller Utility Drawers Stainless Steel Preparation Table With Open Front.....	367.71	8.68
11 42 16 00-0019 Mobile Tables <small>(11 42 16 00-0001)</small>		
11 42 16 00-0020 EA 21-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	3,168.33	27.53
11 42 16 00-0021 EA 32-1/4" x 27-1/2" x 41" Galvanized Mobile Table With Galvanized Top.....	1,711.03	33.02

11	11 Equipment
	11 40 Foodservice Equipment
	11 42 Food Preparation Equipment

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 42 16 00-0022 EA 32-1/4" x 27-1/2" x 41" Stainless Steel Mobile Table With Stainless Steel Top	1,567.42	37.13
11 42 16 00-0023 Hot Food Tables, Stainless Steel, Gas Or Electric <small>(11 42 16 00-0001)</small>		
11 42 16 00-0024 EA 32-1/4" x 27-1/2" x 41" Stainless Steel Hot Food Tables	2,799.38	66.27
11 42 16 00-0025 EA 32-1/4" x 27-1/2" x 21" Stainless Steel Hot Food Tables	2,270.65	53.70
11 42 16 00-0026 EA Full Size Pan With Cover Stainless Steel Hot Food Tables	188.46	4.46
11 42 16 00-0027 EA Set Of Three 1/3 Size With Cover Stainless Steel Hot Food Tables	275.76	6.51
11 42 16 00-0028 EA 58-1/2", 4 Openings Stainless Steel Hot Food Tables	5,514.58	108.15
11 42 16 00-0029 EA 114-1/2", 8 Openings Stainless Steel Hot Food Tables	10,970.74	215.78
11 42 16 00-0030 Basic Table <small>(11 42 16 00-0001)</small>		
11 42 16 00-0031 LF Table, Basic	293.19	22.84
11 42 16 00-0032 Table With Sink <small>(11 42 16)</small>		
11 42 16 00-0033 LF Table With Sink	366.02	41.16
11 42 23 Food Preparation Scullery Sinks <small>(11 42)</small>		
11 42 23 00-0001 Stainless Steel Scullery Sinks <small>(11 42 23)</small>		
<small>Note: Excludes faucet. See CSI section 22 42 39 00-0071 for service sink faucets.</small>		
11 42 23 00-0002 EA Stainless Steel Scullery Sink, Single 30" x 24" x 12" Compartment And Drainboard	2,415.70	172.73
<small>For Additional Drain Board, Add</small>	221.83	
11 42 23 00-0003 EA Stainless Steel Scullery Sink, Double 30" x 24" x 12" Compartment And Drainboard	3,408.86	197.39
<small>For Additional Drain Board, Add</small>	316.21	
11 42 23 00-0004 EA Stainless Steel Scullery Sink, Triple 30" x 24" x 12" Compartment And Drainboard	4,513.49	197.39
<small>For Additional Drain Board, Add</small>	421.74	
11 42 23 00-0005 EA Stainless Steel Scullery Sink, Quad 30" x 24" x 12" Compartment And Drainboard	6,459.02	197.39
<small>For Additional Drain Board, Add</small>	606.42	
11 42 23 00-0006 EA Stainless Steel Pot Sink, Double 20" x 20" x 18" Compartment And Drainboard	4,009.06	197.39
11 42 23 00-0007 EA Stainless Steel Scullery Sink 33-1/2" W x 66" L, Triple Compartment	7,323.57	376.12
<small>Note: 6" backsplash with 45 degree return angle, rolled edges. Separated tubs to maintain water temperature.</small>		
11 42 23 00-0008 EA Stainless Steel Scullery Sink 33" W x 99" L, Triple Compartment	7,190.04	382.45
<small>Note: With left and right table drainboard extensions and 6" backsplash with 45 degree return angle, rolled edges. Separated tubs to maintain water temperature.</small>		
11 42 23 00-0009 EA Stainless Steel Scullery Sink 33-1/2" W x 82-1/2" L, Triple Compartment	6,881.10	382.45
<small>Note: With left or right table drainboard extensions and 6" backsplash with 45 degree return angle, rolled edges. Separated tubs to maintain water temperature.</small>		
11 42 23 00-0010 EA Stainless Steel Scullery Sink 23-1/2" W x 21" L, Single Compartment	3,604.70	209.82
<small>Note: 6" backsplash with 45 degree return angle, rolled edges.</small>		
11 42 23 00-0011 EA Stainless Steel Scullery Sink 23-1/2" W x 36-1/2" L, Single Compartment	3,887.47	209.82
<small>Note: With left or right 18" table drainboard extension and 6" backsplash with 45 degree return angle, rolled edges.</small>		
11 42 23 00-0012 EA Stainless Steel Scullery Sink 23-1/2" W x 42-1/2" L, Single Compartment	4,057.65	209.82
<small>Note: With left or right 24" table drainboard extension and 6" backsplash with 45 degree return angle, rolled edges.</small>		
11 44 Food Cooking Equipment <small>(11 40)</small>		
11 44 13 Commercial Ranges <small>(11 44)</small>		
11 44 13 00-0001 Range <small>(11 44 13)</small>		
11 44 13 00-0002 EA Heavy Duty Range, With 34" Open Top Oven	3,170.89	93.51
11 44 13 00-0003 EA Range With Fry Top	3,170.89	93.51
11 44 13 00-0004 EA Steel Finish Fry Top	6,821.28	129.89
11 44 13 00-0005 EA Stainless Top Only Fry Top	6,818.89	128.40
11 44 13 00-0006 EA Stainless Top And 2 Sides Fry Top	7,878.93	149.50
11 44 13 00-0007 EA Gas Range, Vulcan #260L	7,097.26	133.20
<small>Note: Six 12" burners, open top sections, porcelain on steel aeration plates and grates. 24" griddle/broiler, two 26-1/4" x 22" x 14-1/2" ovens porcelain on steel liner and aluminized steel construction, nickel plated oven racks.</small>		
11 44 13 00-0008 EA 48" Range With Casters (Vulcan 48C-4B24GN)	14,727.68	82.19
11 44 16 Commercial Ovens <small>(11 44)</small>		
11 44 16 00-0001 Bake Oven <small>(11 44 16)</small>		
11 44 16 00-0002 EA 55", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,124.57	394.59
11 44 16 00-0003 EA 55", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-3836)	19,124.57	394.59
11 44 16 00-0004 EA 74", 208 Voltage, 1 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	25,902.69	394.59
11 44 16 00-0005 EA 74", 208 Voltage, 3 Phase, Single Deck Electric Bake Oven (Bakers Pride EB-1-8-5736)	25,902.69	394.59
11 44 16 00-0006 EA 55", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	36,973.02	450.96
11 44 16 00-0007 EA 55", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-3836)	36,973.02	450.96
11 44 16 00-0008 EA 74", 208 Voltage, 1 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	54,059.63	450.96
11 44 16 00-0009 EA 74", 208 Voltage, 3 Phase, Double Deck Electric Bake Oven (Bakers Pride EB-2-8-7436)	54,059.63	450.96
11 44 16 00-0010 EA 55", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	58,767.86	563.69
11 44 16 00-0011 EA 55", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-3836)	58,767.86	563.69
11 44 16 00-0012 EA 74", 208 Voltage, 1 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	82,634.90	563.69
11 44 16 00-0013 EA 74", 208 Voltage, 3 Phase, Triple Deck Electric Bake Oven (Bakers Pride EB-3-8-7436)	82,634.90	563.69

Equipment	11	
Foodservice Equipment	11 40	↕
Food Cooking Equipment	11 44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0014			Rapid-Cook Countertop Bake Ovens <small>(11 44 16)</small>		
11 44 16 00-0015	EA		6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Control, Stainless Steel Countertop Oven (TurboChef ECS-9500-1)	11,339.93	20.55
11 44 16 00-0016	EA		800 To 2,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Control, Stainless Steel Classic Countertop Oven (MerryChef E1SM)	6,722.34	20.55
11 44 16 00-0017	EA		4,700 Watts, 208/240 Volt, 1.2 CF, Rapid Cook Type, Touchscreen Control, Stainless Steel Countertop Oven (MerryChef E3-1330-H)	5,291.33	20.55
11 44 16 00-0018	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop High-Speed Oven (TurboChef ECO-9500-1)	8,076.67	20.55
11 44 16 00-0019	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Black (TurboChef ECO-9500-5)	8,406.69	20.55
11 44 16 00-0020	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven, Red (TurboChef ECO-9500-2)	8,406.69	20.55
11 44 16 00-0021	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Blue (TurboChef ECO-9500)	8,406.69	20.55
11 44 16 00-0022	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Green (TurboChef ECO-9500)	8,406.69	20.55
11 44 16 00-0023	EA		800 To 900 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven, White (TurboChef ECO-9500)	8,406.69	20.55
11 44 16 00-0024	EA		1,600 To 1,700 Watts, 208/240 Volt, 1.05 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven (TurboChef NGC-1280-1)	15,654.87	20.55
11 44 16 00-0025	EA		6,200 Watts, 208/240 Volt, 1.304 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E4S)	14,512.80	20.55
11 44 16 00-0026	EA		4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Ventless Countertop Oven (Amana JET19V)	7,743.91	20.55
11 44 16 00-0027	EA		3,200 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Jetwave Countertop Oven (Amana JET14)	6,326.59	20.55
11 44 16 00-0028	EA		4,600 Watts, 208/240 Volt, 1.2 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven (Amana JET19)	6,881.19	20.55
11 44 16 00-0029	EA		6,200 Watts, 208/240 Volt, 0.78 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef ENC-9600-601)	16,476.51	20.55
11 44 16 00-0030	EA		5,700 Watts, 208/240 Volt, 1.38 CF, Accelerated Cook Type, Digital Controls, Stainless Steel Countertop Oven With Teflon® Coating And Touch Screen Display (Amana MXP22TLT)	14,707.26	20.55
11 44 16 00-0031	EA		1,000 To 2,200 Watts, 208/240 Volt, 0.58 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (MerryChef E2S STANDARD CLASSIC)	10,281.39	20.55
11 44 16 00-0032	EA		9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	20,709.29	20.55
11 44 16 00-0033	EA		9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i5)	20,709.29	20.55
11 44 16 00-0034	EA		9,500 To 11,500 Watts, 208/240 Volt, 2.2 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5 Touch)	21,476.15	20.55
11 44 16 00-0035	EA		11,500 Watts, 208/240 Volt, 2.2 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i5-9500-414-DL)	21,476.15	20.55
11 44 16 00-0036	EA		1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX1)	11,379.64	20.55
11 44 16 00-0037	EA		5,000 Watts, 208/240 Volt, 1.45 CF, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef HHB-8603-1)	11,339.93	20.55
11 44 16 00-0038	EA		6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef I1-9500-400)	13,836.32	20.55
11 44 16 00-0039	EA		4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Countertop Oven (TurboChef I1-9500-104)	12,050.64	20.55
11 44 16 00-0040	EA		6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen, Countertop Oven With Panini Press (TurboChef PANINI)	13,466.59	20.55
11 44 16 00-0041	EA		6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touch Screen Controls, Stainless Steel Countertop Oven With Panini Press (TurboChef PANINI TOUCH)	14,122.53	20.55
11 44 16 00-0042	EA		4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven With Touch Controls (TurboChef SOTA SNGL MAG TOUCH)	12,502.54	20.55
11 44 16 00-0043	EA		6,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER)	15,202.98	20.55
11 44 16 00-0044	EA		6,200 Watts, 208/240 Volt, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef WATERLESS STEAMER TCH)	15,880.82	20.55
11 44 16 00-0045	EA		2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (Amana MRX2)	11,995.86	20.55
11 44 16 00-0046	EA		2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX1 BLACK)	11,516.58	20.55
11 44 16 00-0047	EA		2,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX1 RED)	11,516.58	20.55
11 44 16 00-0048	EA		1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Black (Amana MRX2 BLACK)	12,132.80	20.55
11 44 16 00-0049	EA		1,000 To 3,000 Watts, 208/240 Volt, 0.61 CF, High-Speed Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven, Red (Amana MRX2 RED)	12,132.80	20.55
11 44 16 00-0050	EA		4,000 To 4,200 Watts, 208/240 Volt, 0.54 CF, Rapid Cook Type, Touchscreen Controls, Powder Coated, Countertop Oven (TurboChef I1-9500-1)	13,185.86	20.55
11 44 16 00-0051	EA		8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	17,671.99	20.55
11 44 16 00-0052	EA		8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Digital Controls, Stainless Steel Countertop Oven (TurboChef i3)	17,671.99	20.55
11 44 16 00-0053	EA		8,300 To 9,600 Watts, 208/240 Volt, 1.14 CF, 1 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	18,411.46	20.55
11 44 16 00-0054	EA		8,600 To 9,900 Watts, 208/240 Volt, 1.14 CF, 3 Phase, Rapid Cook Type, Touchscreen Controls, Stainless Steel Countertop Oven (TurboChef i3 Touch)	18,411.46	20.55
11 44 16 00-0055	EA		10,720/12,480 Watts, 208/240 Volt, 1.18 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Double Batch Ventless Countertop Oven (TurboChef HHD-9500-1)	16,564.15	20.55
11 44 16 00-0056	EA		5,616 Watts, 208/240 Volt, 0.99 CF, Rapid Cook Type, Touchscreen Controls, Stainless Steel Single Batch Ventless Countertop Oven (TurboChef HHS-9500-1)	12,447.76	20.55

11	11 Equipment
	11 40 Foodservice Equipment
	11 44 Food Cooking Equipment

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0057 Combination Ovens <small>(11 44 16)</small>		
Note: Convection, steam and combination modes.		
11 44 16 00-0058 EA 35.4" x 34" x 26.6" Half Size Electric Boilerless Combination Oven	23,780.42	163.64
11 44 16 00-0059 EA 35.4" x 45" x 36.8" Full Size Electric Boilerless Combination Oven	39,031.66	187.02
11 44 16 00-0060 EA 35.4" x 34" x 36.8 Half Size Electric Boilerless Combination Oven.....	32,236.92	187.02
11 44 16 00-0061 EA 35.4" x 45" x 70.4" Full Size Electric Boilerless Combination Oven.....	77,851.44	233.77
11 44 16 00-0062 EA 35.4" x 34" x 70.4 Half Size Electric Boilerless Combination Oven.....	59,090.59	233.77
11 44 16 00-0063 Broiler, Without Oven <small>(11 44 16)</small>		
11 44 16 00-0064 EA 69" x 26" x 39" Broiler Without Oven	8,872.93	149.62
11 44 16 00-0065 EA Conveyor Broiler	7,863.50	173.64
11 44 16 00-0066 Oven Stands <small>(11 44 16)</small>		
11 44 16 00-0067 EA Stationary Oven Stand (Rational 60.30.334 US III UltraVent® Stationary Oven Stand).....	1,890.79	
11 44 16 00-0068 Countertop Electric Convection Type Ovens <small>(11 44 16)</small>		
11 44 16 00-0069 EA 1,440 Watts, 120 Volt, 0.8 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Quarter Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-14)	261.63	10.28
11 44 16 00-0070 EA 1,600 Watts, 120 Volt, 1.5 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Thermostatic Control, Stainless Steel Countertop Electric Convection Oven (Avantco CO-16)	425.47	10.28
11 44 16 00-0071 EA 2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Half Size, Stainless Steel Countertop Electric Convection Oven (Avantco CO-28).....	501.77	10.28
11 44 16 00-0072 EA 2,800 Watts, 208/240 Volt, 2.3 CF, 150 To 550 Degrees Fahrenheit Temperature Range, 2.3 CF, One Glass Door, Half Size, Stainless Steel Countertop Electric Convection Oven With Steam Injection (Avantco CO-32).....	646.43	10.28
11 44 16 00-0073 EA 3,500 To 4,600 Watts, 208-240 Volt, 4.4 CF, 550 Degrees Fahrenheit, Two Glass Doors, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Avantco CO-38)	1,176.83	10.28
11 44 16 00-0074 EA 3,500 To 4,600 Watts, 208 To 240 Volt, 4.4 CF, 150 To 550 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Full Size, Stainless Steel Countertop Electric Cooky Type Convection Oven With Steam Injection (Avantco CO-46)	1,369.70	10.28
11 44 16 00-0075 EA 1,440 Watts, 120 Volt, 0.8 CF, 500 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Quarter Size, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3Q)	232.70	10.28
11 44 16 00-0076 EA 1,600 Watts, 120 Volt, 1.5 CF, 500 Degrees Fahrenheit, One Glass Door, Half Size, Dial Control, Stainless Steel Countertop Electric Convection Oven (Galaxy COE3H).....	387.00	10.28
11 44 16 00-0077 EA 1,700 Watts, 120 Volt, 27-15/16" Length x 23-5/8" Width x 24" Height, 200 To 500 Degrees Fahrenheit Temperature Range, One Glass Door, Half Size, Stainless Steel 4 Pan Electric Countertop Convection Oven (Global Solutions GS1110-17).....	1,108.41	10.28
11 44 16 00-0078 EA 1,400 Watts, 120 Volt, 1.19 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Thermostatic Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40703)	1,008.21	10.28
11 44 16 00-0079 EA 2,400 Watts, 230 Volt, 1.9 CF, 150 - 570 Degrees Fahrenheit Temperature Range, One Glass Door, Dial Control, Stainless Steel Half Size Electric Countertop Convection Oven (Vollrath 40701)	1,371.44	10.28
11 44 16 00-0080 EA 5,600 Watts, 230 Volt, 4.27 CF, 150 - 570 Degrees Fahrenheit Temperature Range, 1 Glass Door, Dial Control, Stainless Steel Full Size Electric Countertop Convection Oven (Vollrath 40702)	2,225.20	10.28
11 44 16 00-0081 Electric Convection Type Ovens <small>(11 44 16)</small>		
11 44 16 00-0082 EA 11 kW, 240 Volt, Two Glass Doors, 41-1/2" x 38-1/8" x 54-1/8", Single Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC-100).....	4,456.93	41.10
11 44 16 00-0083 EA 22 kW, 240 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200DK).....	8,839.67	82.19
11 44 16 00-0084 EA 22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200CK).....	8,839.67	82.19
11 44 16 00-0085 EA 22 kW, 240 Volt, 3 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200EK).....	8,839.67	82.19
11 44 16 00-0086 EA 22 kW, 208 Volt, 1 Phase, Four Glass Doors, 41-1/2" x 38" x 63-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Cooking Performance Group FEC200BK).....	8,839.67	82.19
11 44 16 00-0087 EA 24 kW, 208 Volt, 3 Phase, Four Glass Doors, 40" x 40-1/8" x 68-13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/3).....	14,607.33	82.19
11 44 16 00-0088 EA 12 kW, 208 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/3).....	7,303.66	41.10
11 44 16 00-0089 EA 12 kW, 240 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/1)	7,303.66	41.10
11 44 16 00-0090 EA 12.5 kW, 208 Volt, 3 Phase, Two Glass Doors, 41-1/8" x 40-1/4" x 54-3/4", Single Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC4ED-11D1 208/3).....	8,017.24	41.10
11 44 16 00-0091 EA 12 kW, 208 Volt, 1 Phase, Two Glass Doors, 40" x 40-1/8" x 54", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-11D1 208/1)	7,303.66	41.10
11 44 16 00-0092 EA 12 kW, 240 Volt, 3 Phase, Two Glass Doors, 40" x 40-1/8" x 24", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Vulcan VC5ED-12D1 240/3)	7,303.66	41.10
11 44 16 00-0093 EA 25 kW, 208 Volt, 3 Phase, Four Glass Doors, 41-1/8" x 40" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC44ED-208/3).....	16,034.49	82.19
11 44 16 00-0094 EA 11 kW, 220/240 Volt, 1 Phase, Two Glass Doors, 36-7/8" x 38-1/4" x 57", Single Deck, Stainless Steel Full Size Electric Convection Oven With Legs (Blodgett SHO-100-E).....	6,818.42	41.10
11 44 16 00-0095 EA 22 kW, 208 Volt, 3 Phase, Four Glass Doors, 36-7/8" x 38-1/4" x 70", Double Deck, Stainless Steel Full Size Electric Convection Oven (Blodgett SHO-100-E)	13,636.85	82.19
11 44 16 00-0096 EA 24 kW, 208 Volt, 1 Phase, Four Glass Doors, 40" x 40-1/8" x 68 13/16", Double Deck, Stainless Steel Full Size Electric Convection Oven (Vulcan VC55ED-208/1)	14,607.33	82.19
11 44 16 00-0097 EA 21 kW, 208 Volt, 1 Phase, Four Glass Doors, 46" x 40" x 74-1/2", Double Deck, Stainless Steel Full Size Electric Convection Oven (Bakers Pride BPCV-E2 208/1)	18,487.03	82.19

Equipment	11	
Foodservice Equipment	11 40	⇩
Food Cooking Equipment	11 44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0098			Natural Gas Convection Type Ovens <small>(11 44 16)</small>		
11 44 16 00-0099	EA		54,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC100N).....	5,127.35	41.10
11 44 16 00-0100	EA		108,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Legs (Cooking Performance Group FGC200N).....	10,169.12	82.19
11 44 16 00-0101	EA		100,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Natural Gas Convection Oven With Solid State Controls (Vulcan VC44GD-NAT).....	17,566.77	82.19
11 44 16 00-0102	EA		100,000 BTU, 150 To 550 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Vulcan VC55GD).....	16,820.65	82.19
11 44 16 00-0103	EA		100,000 BTU, 500 Degrees Fahrenheit, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G).....	15,701.45	82.19
11 44 16 00-0104	EA		50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven with Solid State Controls And Legs (Vulcan VC4GD-11D150K).....	8,783.38	41.10
11 44 16 00-0105	EA		120,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G).....	8,865.58	82.19
11 44 16 00-0106	EA		120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Analog Controls (Garland MCO-GS-20S).....	24,565.04	82.19
11 44 16 00-0107	EA		50,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven (Blodgett SHO-100-G).....	7,850.72	41.10
11 44 16 00-0108	EA		100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Bakery Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-200-G-ES).....	21,538.82	82.19
11 44 16 00-0109	EA		120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Digital Control, Stainless Steel Double Deck Standard Depth Full Size Natural Gas Convection Oven With Digital Controls (Garland MCO-GS-20).....	32,028.53	82.19
11 44 16 00-0110	EA		120,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Garland MCO-GS-20-ESS).....	24,565.04	82.19
11 44 16 00-0111	EA		100,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Standard Depth Natural Gas Convection Oven With Draft Diverter (Blodgett ZEPHAIRE-100-G).....	20,112.39	82.19
11 44 16 00-0112	EA		90,000 BTU, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Natural Gas Convection Oven (Blodgett BDO-100-G-ES).....	17,895.95	82.19
11 44 16 00-0113	EA		50,000 BTU, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Natural Gas Convection Oven With Legs (Vulcan VC5GDN).....	8,410.32	41.10
11 44 16 00-0114	EA		36" Wide x 58" Height x 41" Depth, Natural Gas Convection Oven (Vulcan 36C-BN)..... <i>For 5" Swivel Plate Casters, Set of 4, Add</i>	9,137.07 621.21	187.02
11 44 16 00-0115			Liquid Propane Convection Type Ovens <small>(11 44 16)</small>		
11 44 16 00-0116	EA		108,000 BTU, 45" Length x 38" Width x 68" Height, 150 To 550 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Legs (Cooking Performance Group FGC200L).....	10,169.12	82.19
11 44 16 00-0117	EA		100,000 BTU, 41-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven With Solid State Controls (Vulcan VC44GD-LP).....	17,566.77	82.19
11 44 16 00-0118	EA		50,000 BTU, 41-1/8" Length x 40-1/4" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Solid State Controls And Legs (Vulcan VC4GD-21D150K).....	8,783.38	41.10
11 44 16 00-0119	EA		100,000 BTU, 45-1/8" Length x 40-1/4" Width x 70" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Stainless Steel Double Deck Full Size Depth Liquid Propane Convection Oven With Solid State Controls (Vulcan VC66GD-LP).....	33,187.23	82.19
11 44 16 00-0120	EA		100,000 BTU, 36-7/8" Length x 38-1/4" Width x 70" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G).....	15,701.45	82.19
11 44 16 00-0121	EA		100,000 BTU, 40-1/8" Length x 40-1/8" Width x 68-5/8" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Four Glass Doors, Dial Control, Stainless Steel Double Deck Full Size Liquid Propane Convection Oven (Vulcan VC55GD LP).....	16,820.65	82.19
11 44 16 00-0122	EA		50,000 BTU, 40-1/8" Length x 40" Width x 54-3/4" Height, 150 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven With Legs (Vulcan VC5GDL).....	8,410.32	41.10
11 44 16 00-0123	EA		50,000 BTU, 36-7/8" Length x 38-1/4" Width x 63" Height, 200 - 500 Degrees Fahrenheit Temperature Range, Two Glass Doors, Dial Control, Stainless Steel Single Deck Full Size Liquid Propane Convection Oven (Blodgett SHO-100-G).....	7,850.72	41.10
11 44 16 00-0124			Countertop Pizza Oven <small>(11 44 16)</small>		
11 44 16 00-0125	EA		3,700 To 4,800 Watts, 208/240 Volt, Stainless Steel Countertop Pizza Oven, White (TurboChef FIRE WHITE).....	7,706.94	20.55
11 44 16 00-0126			Rotary Deck Pizza Oven <small>(11 44 16)</small>		
11 44 16 00-0127	EA		90,000 BTU, 2 Deck, 38.6" Diameter Rotary Deck Pizza Oven (Sierra Range Volare).....	37,222.92	82.19
11 44 16 00-0128			Triple Conveyor Oven <small>(11 44 16)</small>		
11 44 16 00-0129	EA		30 kW, 208 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3)..... Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,336.36	164.39
11 44 16 00-0130	EA		30 kW, 240 Volt, Three Door, Single Belt, Triple Conveyor, FastBake Stainless Steel Impingement Cook Type Oven Package (Lincoln 1180-3/1180-FB3)..... Note: 39" Length x 56" Width x 62" Height, 250 To 575 Degrees Fahrenheit Temperature Range	62,336.36	164.39

11	11 Equipment
	11 40 Foodservice Equipment
	11 44 Food Cooking Equipment

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 16 00-0131 EA 22 kW, 208 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3).....	132,920.48	164.39
Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range		
11 44 16 00-0132 EA 22 kW, 220 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3).....	115,301.40	164.39
Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range		
11 44 16 00-0133 EA 22 kW, 240 Volt, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3).....	115,301.40	164.39
Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range		
11 44 16 00-0134 EA 330,000 BTU, Natural Gas, Three Door, Triple Conveyor, Low Profile FastBake Stainless Steel, Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3).....	132,920.48	164.39
Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range		
11 44 16 00-0135 EA 330,000 BTU, Liquid Propane, Three Door, Triple Conveyor, Stainless Steel Low Profile FastBake Impingement Cook Type Oven Package (Lincoln 1600-3/1600-FB3).....	132,920.48	164.39
Note: 60-1/2" Length x 80" Width x 66-3/8" Height, 250 To 600 Degrees Fahrenheit Temperature Range		
11 44 19 Commercial Cooking Equipment (11 44)		
11 44 19 00-0001 Drop-In Electric Griddle (11 44 19)		
11 44 19 00-0002 EA 24" Wide x 24" Deep, Drop-In Electric Griddle.....	4,152.47	128.58
11 44 19 00-0003 EA 36" Wide x 24" Deep, Drop-In Electric Griddle.....	5,917.33	128.58
11 44 19 00-0004 EA 48" Wide x 24" Deep, Drop-In Electric Griddle.....	6,774.12	140.26
11 44 19 00-0005 EA 60" Wide x 24" Deep, Drop-In Electric Griddle.....	8,111.78	140.26
11 44 19 00-0006 EA 72" Wide x 24" Deep, Drop-In Electric Griddle.....	10,402.87	151.95
11 44 19 00-0007 Countertop Griddle (11 44 19)		
11 44 19 00-0008 EA 16", 120 Voltage, 1750 Watt, Electric Countertop Griddle (Avantco EG16N).....	539.91	143.52
11 44 19 00-0009 EA 24", 208/240 Voltage, 2675 To 3560 Watt, Electric Countertop Griddle (Avantco EG24N).....	671.91	143.52
11 44 19 00-0010 EA 30", 208/240 Voltage, 3375 To 4500 Watt, Electric Countertop Griddle (Avantco EG30N).....	748.91	143.52
11 44 19 00-0011 EA 36", 208/240 Voltage, 7488 To 10080 Watt, Electric Countertop Griddle (Avantco EG36N).....	945.82	143.52
11 44 19 00-0012 EA 24", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40716).....	1,027.77	143.52
11 44 19 00-0013 EA 36", 220 Voltage, Thermostatic Electric Griddle (Vollrath 40717).....	1,321.80	143.52
11 44 19 00-0014 Panini Sandwich Grill (11 44 19)		
11 44 19 00-0015 EA 3,500 Watts, 120 Volt, Double Commercial Panini Sandwich Grill With Smooth Plates (Avantco P85S).....	590.90	82.19
11 44 19 00-0016 EA 1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Plates (Avantco P78).....	451.05	82.19
11 44 19 00-0017 EA 1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Smooth Plates (Avantco P70S).....	451.05	82.19
11 44 19 00-0018 EA 1,750 Watts, 120 Volt, Commercial Panini Sandwich Grill With Grooved Top and Smooth Bottom Plates (Avantco P75SG).....	451.05	82.19
11 44 19 00-0019 EA 2,392 Watts, 208 Volt, Panini Perfetto Grooved Top And Bottom Panini Sandwich Grill (Waring WPG150B).....	931.93	82.19
11 44 19 00-0020 Electric Countertop Fryer, With Submerger (11 44 19)		
11 44 19 00-0021 EA 30 LB Capacity, 208-240 Volt, Two Basket, Countertop Deep Fryer (Avantco F202).....	911.21	82.19
11 44 19 00-0022 EA 30 LB Capacity, 208-240 Volt, Four Basket, Commercial Countertop Deep Fryer (Vollrath 40710).....	2,006.74	82.19
11 44 19 00-0023 EA 30 LB Capacity, 240 Volt, Two Basket, Countertop Electric Deep Fryer (Garland E24-31F).....	7,480.99	82.19
11 44 19 00-0024 Electric Floor Fryer, With Submerger (11 44 19)		
11 44 19 00-0025 EA 50 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	6,558.09	187.02
11 44 19 00-0026 EA 50 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	6,885.85	187.02
11 44 19 00-0027 EA 85 LB Capacity, Single Basket Lift, 208 Volt, Electric Fryer.....	22,075.07	243.13
11 44 19 00-0028 EA 85 LB Capacity, Single Basket Lift, 480 Volt, Electric Fryer.....	22,612.93	243.13
11 44 19 00-0029 Natural Gas Floor Fryer, With Submerger (11 44 19)		
11 44 19 00-0030 EA 40 LB Capacity, 90,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF300).....	1,416.92	131.51
11 44 19 00-0031 EA 50 LB Capacity, 120,000 BTU, Natural Gas, Two Basket, Stainless Steel Floor Fryer (Avantco FF400).....	1,620.67	164.39
11 44 19 00-0032 EA 70 To 100 LB Capacity, 150,000 BTU, Natural Gas, Two Basket, Stainless Steel Tube Floor Fryer (Avantco FF518).....	2,328.90	328.79
11 44 19 00-0033 Steam Jacketed Kettles (11 44 19)		
11 44 19 00-0034 EA 12 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-12-T).....	13,563.60	20.55
11 44 19 00-0035 EA 12 Gallon Capacity, 208 Volt, 12 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K12ETT-7).....	12,061.51	20.55
11 44 19 00-0036 EA 3 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Tabletop Kettle (Cleveland KET-3-T).....	9,588.32	20.55
11 44 19 00-0037 EA 6 Gallon Capacity, 208 Volt, 7.5 kW, Tilting, Stainless Steel Electric Steam Jacketed Kettle (Vulcan K6ETT-7).....	9,997.49	20.55
11 44 19 00-0038 EA 60 Gallon Capacity, 208 Volt, 18 kW, 3 Phase, Stationary, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Vulcan K60EL).....	35,111.26	20.55
11 44 19 00-0039 EA 150 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET150-240/3).....	61,863.14	82.19
11 44 19 00-0040 EA 100 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKE100T 208/2403).....	146,313.39	82.19
11 44 19 00-0041 EA 6 Gallon Capacity, 240 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 240/3).....	32,161.25	82.19
11 44 19 00-0042 EA 6 Gallon Capacity, 208 Volt, 24 kW, 3 Phase, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle With Modular Generator Base (Cleveland 24EMK624 208/3).....	32,161.25	82.19

Equipment	11
Foodservice Equipment	11 40
Food Cooking Equipment	11 44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0043	EA		125 Gallon Capacity, 240 Volt, 36 kW, 3 Phase, Stationary, Stainless Steel Steam Jacketed Electric Kettle (Vulcan ET125-240/3)	58,964.42	82.19
11 44 19 00-0044	EA		20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KET-20-T).....	21,491.99	82.19
11 44 19 00-0045	EA		40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL40TSH 208/2403)	47,445.91	82.19
11 44 19 00-0046	EA		20 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Mixer Kettle (Cleveland MKET20T 208/2403)	59,399.04	82.19
11 44 19 00-0047	EA		60 Gallon Capacity, 208/240 Volt, Stationary, Stainless Steel Full Steam Jacketed Electric Kettle (Cleveland KEL60SH 208/2403).....	42,257.67	82.19
11 44 19 00-0048	EA		40 Gallon Capacity, 208/240 Volt, Tilting, Stainless Steel 2/3 Steam Jacketed Electric Kettle (Cleveland KEL-40-T).....	38,984.34	82.19
11 44 19 00-0049	EA		40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL40T 208/2403)	120,379.47	82.19
11 44 19 00-0050	EA		60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Electric Mixer Kettle (Cleveland MKDL60T 208/2403)	124,209.28	82.19
11 44 19 00-0051	EA		100 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 LP).....	57,863.13	164.39
11 44 19 00-0052	EA		60 Gallon Capacity, 100,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GL-LP).....	40,330.77	164.39
11 44 19 00-0053	EA		40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL40TSH LP).....	57,573.98	164.39
11 44 19 00-0054	EA		80 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 LP).....	47,830.35	164.39
11 44 19 00-0055	EA		40 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K40GLT-LP)	49,565.22	164.39
11 44 19 00-0056	EA		6 Gallon Capacity, 34,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T LP).....	20,823.51	164.39
11 44 19 00-0057	EA		60 Gallon Capacity, 100,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-LP)	60,103.54	164.39
11 44 19 00-0058	EA		125 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Vulcan GT125E-LP)	59,792.58	164.39
11 44 19 00-0059	EA		80 Gallon Capacity, 190,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80T LP).....	66,266.51	164.39
11 44 19 00-0060	EA		60 Gallon Capacity, 190,000 BTU, Liquid Propane, Stationary, Stainless Steel Full Steam Jacketed Kettle (Cleveland KGL60SH LP).....	44,877.07	164.39
11 44 19 00-0061	EA		12 Gallon Capacity, 53,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT12TGB LP)	27,342.90	164.39
11 44 19 00-0062	EA		40 Gallon Capacity, 140,000 BTU, Liquid Propane, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T LP)	145,601.26	164.39
11 44 19 00-0063	EA		80 Gallon Capacity, 135,000 BTU, Liquid Propane, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GL80E-LP)	48,150.41	164.39
11 44 19 00-0064	EA		60 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K60GLT-NAT).....	60,103.54	164.39
11 44 19 00-0065	EA		60 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKG60T NAT).....	139,741.99	164.39
11 44 19 00-0066	EA		25 Gallon Capacity, 90,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL-25-T NAT).....	45,884.53	164.39
11 44 19 00-0067	EA		100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100 NAT).....	139,361.92	164.39
11 44 19 00-0068	EA		20 Gallon Capacity, 100,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Kettle (Vulcan K20GLT-NAT).....	47,457.55	164.39
11 44 19 00-0069	EA		100 Gallon Capacity, 190,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Horizontal Mixer Kettle (Cleveland HAMKGL100T NAT).....	164,548.42	164.39
11 44 19 00-0070	EA		12 Gallon Capacity, 53,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-12-T NAT)	24,920.64	164.39
11 44 19 00-0071	EA		80 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL80 NAT).....	47,830.35	164.39
11 44 19 00-0072	EA		60 Gallon Capacity, 135,000 BTU, Natural Gas, Stationary, Stainless Steel Steam Jacketed Gas Kettle (Cleveland GS60E-NAT).....	47,566.67	164.39
11 44 19 00-0073	EA		40 Gallon Capacity, 140,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Mixer Kettle (Cleveland MKGL40T NAT).....	140,145.70	164.39
11 44 19 00-0074	EA		6 Gallon Capacity, 34,000 BTU, Natural Gas, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Kettle (Cleveland KGT-6-T NAT).....	20,823.51	164.39
11 44 19 00-0075	EA		100 Gallon Capacity, 190,000 BTU, Natural Gas, Stationary, Stainless Steel 2/3 Steam Jacketed Kettle (Cleveland KGL100 NAT).....	57,863.13	164.39
11 44 19 00-0076	EA		40 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL-40-T)	19,954.26	164.39
11 44 19 00-0077	EA		60 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DLT).....	27,055.58	164.39
11 44 19 00-0078	EA		125 Gallon Capacity, Stationary, Stainless Steel Fully Jacketed Direct Steam Kettle (Vulcan ST125)	47,361.17	164.39
11 44 19 00-0079	EA		200 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL200)	63,204.12	164.39
11 44 19 00-0080	EA		12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle With Modular Stand (Cleveland SD760K12).....	24,636.95	164.39
11 44 19 00-0081	EA		12 Gallon Capacity, 26" Table, Tilting, Stainless Steel Direct Steam Kettle (Cleveland VEKT26/6).....	17,110.09	164.39
11 44 19 00-0082	EA		40 Gallon Capacity, Stationary Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K40DL)	18,188.47	164.39
11 44 19 00-0083	EA		60 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL60SH)	28,368.55	164.39
11 44 19 00-0084	EA		60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Vulcan K60DL)	21,198.13	164.39
11 44 19 00-0085	EA		40 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL40)	17,171.92	164.39
11 44 19 00-0086	EA		80 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL80F)	42,825.78	164.39
11 44 19 00-0087	EA		80 oz., Tilting, Stainless Steel 2/3 Steam Jacketed Direct Steam Tabletop Oyster Kettle (Cleveland KDT-1-T)	9,252.27	164.39
11 44 19 00-0088	EA		40 Gallon Capacity, Stationary, Stainless Steel Full Steam Jacketed Direct Steam Kettle (Cleveland KDL40F)	30,148.88	164.39
11 44 19 00-0089	EA		12 Gallon Capacity, Tilting, Stainless Steel 2/3 Steam Jacketed Tabletop Direct Steam Kettle (Cleveland KDT-12-T).....	12,967.50	164.39
11 44 19 00-0090	EA		100 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL100)	32,571.15	164.39
11 44 19 00-0091	EA		60 Gallon Capacity, Stationary, Stainless Steel 2/3 Steam Jacketed Direct Steam Kettle (Cleveland KDL60)	20,379.79	164.39

11	11	Equipment
	11 40	Foodservice Equipment
	11 44	Food Cooking Equipment



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
11 44 19 00-0092		Kettles, Steam Jacketed <small>(11 44 19)</small>			
11 44 19 00-0093	EA	5 Gallon Kettle, With Stand.....	4,932.01		79.92
11 44 19 00-0094	EA	20 Gallon Kettle With Steam Jacket.....	20,445.70		106.55
11 44 19 00-0095	EA	40 Gallon Kettle With Steam Jacket.....	21,128.14		117.21
11 44 19 00-0096	EA	60 Gallon Kettle With Steam Jacket.....	25,594.92		127.86
11 44 19 00-0097		Steamers, Electric <small>(11 44 19)</small>			
11 44 19 00-0098		Cooking Equipment/ Steamers <small>(11 44 19 00-0097)</small>			
11 44 19 00-0099	EA	3 Pan, Electric Countertop Convection Steamer.....	9,018.19		196.37
11 44 19 00-0100	EA	5 Pan, Electric Countertop Convection Steamer.....	11,891.50		205.72
11 44 19 00-0101	EA	3 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	8,340.24		196.37
11 44 19 00-0102	EA	5 Pan, Electric Countertop Boilerless/Connectionless Steamer.....	12,184.22		205.72
11 44 19 00-0103		Braising Pans <small>(11 44 19)</small>			
11 44 19 00-0104	EA	24" x 24", 240 Volt, Tilting Braising Pan.....	10,541.62		185.73
11 44 19 00-0105	EA	24" x 31", 240 Volt, Tilting Braising Pan.....	11,124.56		195.31
11 44 19 00-0106	EA	24" x 41", 240 Volt, Tilting Braising Pan.....	11,848.49		207.99
11 44 19 00-0107	EA	24" x 24", 62,000 BTU/Hour, Tilting Braising Pan.....	13,742.25		242.20
11 44 19 00-0108	EA	24" x 31", 90,000 BTU/Hour, Tilting Braising Pan.....	14,210.69		249.66
11 44 19 00-0109	EA	24" x 41", 120,000 BTU/Hour, Tilting Braising Pan.....	14,764.44		256.27
11 44 19 00-0110		Toasters <small>(11 44 19)</small>			
11 44 19 00-0111	EA	Bun Toaster 3.2 KW.....	2,095.77		44.56
11 44 19 00-0112	EA	Bun Toaster 4.3 KW.....	2,287.27		48.56
11 44 19 00-0113	EA	Pop-Up Toaster, 2 Slot.....	571.88		101.27
11 44 19 00-0114	EA	Conveyor Toaster.....	987.42		151.95
11 44 19 00-0115		Microwave Ovens <small>(11 44 19)</small>			
11 44 19 00-0116	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Dial Controls (Galaxy MW1000PD).....	218.74		10.28
11 44 19 00-0117	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Office Series Microwave With Push Button Controls (Galaxy MW1000PB).....	240.76		10.28
11 44 19 00-0118	EA	120 Volt, 1,000 Watt, 20" Length x 18" Width x 12" Height, Stainless Steel Commercial Microwave With Push Button Controls (Solwave MW1000SS).....	314.17		10.28
11 44 19 00-0119	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13-1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112D).....	402.26		10.28
11 44 19 00-0120	EA	120 Volt, 1,000 Watt, 2 CF, 22" Length x 18" Width x 13 1/2" Height, Stackable Commercial Microwave With Dial Controls (Solwave MW112T).....	505.03		10.28
11 44 19 00-0121	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwave With Dial Controls (Solwave RMS10DS).....	314.17		10.28
11 44 19 00-0122	EA	120 Volt, 1,000 Watt, 16-1/2" Length x 20" Width x 12-1/4" Height, Stainless Steel Commercial Microwaves With Push Button Controls (Amana RMS10TS).....	367.76		10.28
11 44 19 00-0123	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-3/4" Height, Medium Volume, Stainless Steel Commercial Microwave (Amana RCS10DSE).....	654.80		10.28
11 44 19 00-0124	EA	120 Volt, 1,000 Watt, 19" Length x 22" Width x 13-7/8" Height, Stackable, Commercial Microwave With Push Button Controls (Amana RCS10TS).....	800.15		10.28
11 44 19 00-0125	EA	120 Volt, 1,000 Watt, 21-5/8" Length x 16-1/2" Width x 13-1/2" Height, Stainless Steel, Heavy Duty Commercial Microwave With Push Button Controls (Amana HDC12A2).....	1,685.45		10.28
11 44 19 00-0126	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Manual Controls (Vollrath 40830).....	460.71		10.28
11 44 19 00-0127	EA	120 Volt, 1,000 Watt, 18-1/8" Length x 20-1/2" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Digital Controls (Vollrath 40819).....	629.91		10.28
11 44 19 00-0128	EA	120 Volt, 1,000 Watt, 17" Length x 20" Width x 12-1/4" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Waring WMO90).....	483.02		10.28
11 44 19 00-0129	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel, Commercial Microwave With Push Button Controls (Panasonic NE-1054F).....	424.30		10.28
11 44 19 00-0130	EA	120 Volt, 1,000 Watt, 16-3/8" Length x 20-1/8" Width x 12" Height, Stainless Steel Microwave With Programmable Memory Pads (Panasonic NE-1064F).....	826.58		10.28
11 44 19 00-0131	EA	120 Volt, 1,000 Watt, 16-9/16" Length x 20-1/8" Width x 13" Height, Stainless Steel Commercial Microwave With Dial Timer (Panasonic NE-1025).....	380.25		10.28
11 44 19 00-0132	EA	120 Volt, 1,200 Watt, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Stainless Steel Commercial Microwave With Programmable Menu And Auto Cool Down (Solwave MW1200T).....	797.21		10.28
11 44 19 00-0133	EA	120 Volt, 1,200 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, See-through Door, USB Port, Commercial Heavy Duty Stainless Steel Microwave (Solwave MWHD12).....	885.30		10.28
11 44 19 00-0134	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 15 Integrated Power Levels, See-through Door, Stainless Steel, Commercial, Medium Duty, Microwave With 90 Programmable Menu Pads (Panasonic NE-12523).....	1,488.72		10.28
11 44 19 00-0135	EA	120 Volt, 1,200 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, Programmable, 15 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Panasonic NE-12521).....	1,381.54		10.28
11 44 19 00-0136	EA	120 Volt, 2,000 Watt, 21" Length x 21-3/4" Width x 14-3/8" Height, 4 Cooking Stages, 5 Power Levels, Stainless Steel, Commercial, Medium Duty, Microwave With Push Button Controls (Amana RFS12TS).....	1,626.73		10.28
11 44 19 00-0137	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 3-Stage Cooking, See-through Door, Stainless Steel, Commercial Microwave With LCD Display (Panasonic NE-17521).....	1,523.96		10.28
11 44 19 00-0138	EA	208/230-240 Volt, 1,700 Watt, 20" Length x 16-5/8" Width x 13" Height, LCD Display With Digital Countdown, Stainless Steel, Commercial Microwave With 90 Programmable Memory Pads (Panasonic NE-17523).....	1,711.88		10.28
11 44 19 00-0139	EA	208/230-240 Volt, 2,100 Watt, 20-3/4" Length x 25-9/16" Width x 18-9/16" Height, Sonic Steamer, Stainless Steel, Commercial Microwave With 8 Programmable Memory Pads (Panasonic NE-2180).....	4,625.47		10.28

Equipment	11	
Foodservice Equipment	11 40	↔
Food Cooking Equipment	11 44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44 19 00-0140	EA		208/230-240 Volt, 3,200 Watt, 20-3/4" Length x 25-9/16" Width x 18-5/8" Height, Sonic Steamer, See-through Door, Stainless Steel, Commercial Microwave With 3-stage Cook (Panasonic NE-3280).....	6,131.81	10.28
11 44 19 00-0141	EA		208/230 Volt, 1,800 Watt, 20-1/4" Length x 21-3/4" Width x 14-1/4" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Amana RFS18TS).....	1,910.08	10.28
11 44 19 00-0142	EA		208/230 Volt, 2,200 Watt, 23-1/2" Length x 25-5/8" Width x 18-5/8" Height, Stainless Steel, Heavy Duty, 2 Pan Programmable Microwave (Amana AMSO22).....	5,966.64	10.28
11 44 19 00-0143	EA		208/230 Volt, 2,400 Watt, 19-3/16" Length x 13-5/8" Width x 17-5/8" Height, 11 Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana AOC24).....	3,680.70	10.28
11 44 19 00-0144	EA		208/240 Volt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, Space Saver, USB Port, Stainless Steel, Commercial, Heavy Duty Microwave (Solwave MWH18).....	988.07	10.28
11 44 19 00-0145	EA		208/240 Volt, 2,100 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Stackable, Commercial Microwave With Push Button Controls (Solwave MW2100T).....	1,046.80	10.28
11 44 19 00-0146	EA		208/240 Volt, 2,100 Watt, 22-1/4" Length x 16-1/2" Width x 13-1/2" Height, 15 Power Levels, USB Port, Space Saver, Stainless Steel, Heavy Duty, Commercial Microwave With Push Button Controls (Solwave MWH21).....	1,120.21	10.28
11 44 19 00-0147	EA		208/240 Volt, 1,700 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, See-through Door, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC17S2).....	2,702.90	10.28
11 44 19 00-0148	EA		208/240 Volt, 1,800 Watt, 1.2 CF, 20-5/8" Length x 22-5/8" Width x 14-1/2" Height, Large, Stainless Steel, Commercial Microwave With Push Button Controls (Solwave MW1800T).....	899.98	10.28
11 44 19 00-0149	EA		208/240 Volt, 1,800 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana HDC182).....	1,976.15	10.28
11 44 19 00-0150	EA		208/240 Volt, 1,800 Watt, 31-5/8" Length x 16-1/2" Width x 13-1/3" Height, Stainless Steel Commercial, Heavy Duty Microwave With Push Button Controls, Canadian Use Only (Amana HDC1815).....	1,989.37	10.28
11 44 19 00-0151	EA		208/240 Volt, 1,800 Watt, 20-3/4" Length x 22-3/5" Width x 14-1/2" Height, Stainless Steel, Commercial, Medium Duty Microwave With Push Button Controls (Waring WMO120).....	1,855.76	10.28
11 44 19 00-0152	EA		208/240 Volt, 2,100 Watt, 21-5/8" Length x 15-1/2" Width x 13-1/2" Height, 100 Programmable Menu Items, 11 Integrated Power Levels, Stainless Steel, Commercial, Heavy Duty Microwave (Amana HDC212).....	2,068.65	10.28
11 44 19 00-0153	EA		208/240 Volt, 2,100 Watt, 20" Length x 16-5/8" Width x 13-3/16" Height, 5 Cooking Stages, Half-size Pans, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Panasonic NE-21521).....	1,870.44	10.28
11 44 19 00-0154	EA		208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC22S2).....	3,376.79	10.28
11 44 19 00-0155	EA		208/240 Volt, 2,200 Watt, 25-1/2" Length x 19-1/4" Width x 18-1/8" Height, Stainless Steel, Commercial, Heavy Duty Microwave With Push Button Controls (Amana RC30S2).....	4,433.87	10.28
11 44 19 00-0156			Ceramic Broiler On Storage Base With Doors (11 44 19)		
11 44 19 00-0157	EA		Standard Finish Ceramic Boiler On Storage Base With Doors.....	8,685.97	152.27
11 44 19 00-0158	EA		Stainless Steel Front Ceramic Boiler On Storage Base With Doors.....	8,685.97	152.27
11 44 19 00-0159	EA		Stainless Steel Front And Sides Ceramic Boiler On Storage Base With Doors.....	10,795.34	190.10
11 44 19 00-0160			Gas Countertop Hot Plate (11 44 19)		
11 44 19 00-0161	EA		2 Burners Gas Countertop Hot Plate.....	1,107.36	19.39
11 44 19 00-0162			Food Service Additions (11 44 19)		
11 44 19 00-0163	EA		30" Diameter, Natural Gas, Cooktop With Electric Controls (Affinity 30Ge).....	7,647.24	19.18
11 44 19 00-0164	EA		Heavy Duty Stainless Steel Heated Under Counter Cabinet With Adjustable Thermostat, Digital Indicator, Chrome Plated Reals And Wire Shelves (Alto Shaam 500-S).....	4,989.20	156.16
11 44 19 00-0165	EA		Oven-Combination Heated Holding Cabinet (Alto Shaam CTP20-10).....	49,607.25	
11 44 19 00-0166	EA		1000 Watt, 1.2 CF, 14" Platter Capacity, Programmable, Commercial Grade, Stainless Steel, Microwave-oven (Amana RCS10TS).....	1,000.34	10.68
11 44 19 00-0167	EA		1000 Watts, Programmable Power Level, Commercial Grade, Stainless Steel, Microwave-oven (Amana RMS10TS).....	580.97	10.68
11 44 19 00-0168	EA		48" W x 24-1/2" D x 8" H, Single Deck, Gas Fired, Stainless Steel, Caster Mounted, Pizza Oven (Bakers Pride 3151).....	17,394.75	140.26
11 44 19 00-0169	EA		120v, 14.9 Amp, 20' W, 6 Gallon Capacity Water Bath, Sparkling And Still Water Dispenser (Blupura/Crystallize BLUBAR COUNTERTOP 80).....	8,184.34	270.24
11 44 19 00-0170	EA		1/3 HP, 120v, 60hz, 15 Amp, Top Opening, Self Contained Refrigerated System (Blupura/Crystallize FONTEMAGNA BRIDGE).....	5,557.60	270.24
11 44 19 00-0171	EA		Broiler Less, Programmable, Stainless Steel, Convotherm Electric Oven-steamer (Cleveland OES-10.20).....	19,445.20	196.37
11 44 19 00-0172	EA		115 VAC, 60 Hz, Forced Air Gas Combustion With Auto Ignition, Stainless Steel Skillet With Spring Assist Cover (Cleveland SGL-30-T1/Sgl-40-T1).....	35,518.83	207.78
11 44 19 00-0173	EA		50 PSI, Water-resistant, Stationary Trileg Tilling Steam Jacketed Kettle (Cleveland / Groen KDL).....	30,491.54	106.55
11 44 19 00-0174	EA		Top Mounted, Insulated Heated Cabinet With Magnetic Latch Door (Crescor H-137-PWSUA-12C - 12c is discontinued hw-137-pwsua-12d is new model).....	18,451.81	51.78
11 44 19 00-0175	EA		6 Gallon, 1/5 HP, Bottom Mounted, Ice-Cream Dipping Cabinet (Delfield N255).....	4,875.95	241.88
11 44 19 00-0176	EA		3/4" Diameter, 36" Length, Moveable Gas Connector Kit (Dormont 1675KIT).....	273.94	19.74
11 44 19 00-0177	EA		1/4 HP, Stainless Steel, Mechanically Cooled Cold Food Unit (Duke AeroServ 316-25SS-N7).....	9,656.28	268.05
11 44 19 00-0178	EA		20", 3/8" Thick, Stainless Steel, Heavy Duty Mounting, Tempered Glass (English Mfg. M-107).....	13,278.17	10.68
11 44 19 00-0179	EA		1350lb, Stainless Steel, Elevated Ice Storage And Transport System (Follet Corporation ITS1350SG-60).....	18,967.78	143.84
11 44 19 00-0180	EA		Gas Fired Pasta Cooker (Frymaster GPCRB-SC).....	23,797.23	128.93
11 44 19 00-0181	EA		Stainless Steel, Anti-microbial, Vegetable Cutter (Globe A420VH).....	1,048.61	4.93
11 44 19 00-0182	EA		5 kw Tank Heater, 1 HP Self-draining Pump, Electronic Automatic Control, Stainless Steel, Dishwasher (Hobart AM-15T).....	25,129.11	187.55
11 44 19 00-0183	EA		Stainless Steel, Electric Dryer Interlocked With Washer To Start (Hobart Cle (BDELRLAX-STDDOM)).....	22,020.84	160.76
11 44 19 00-0184	EA		1/2 HP, Medium Duty, Built-in Sharpener With 12" Blade (Hobart Edge 7510).....	3,432.63	134.65
11 44 19 00-0185	EA		20 Quart, Countertop Mounted, Stainless Steel Bowl (Hobart HL200).....	10,577.19	233.77
11 44 19 00-0186	EA		Electronic Control, Stainless Steel Dishwasher (Hobart LXi/LXiH new model is Lxeh).....	16,949.51	187.55
11 44 19 00-0187	EA		27" x 32" x 26-3/4" H, Stainless Steel, Single Shelf Mixer Table (Hobart TABLE-HL2012).....	3,353.06	49.01
11 44 19 00-0188	EA		Remote Air Cooled, Stainless Steel, Ice Maker (Hoshizaki America KM-2100).....	16,032.57	210.39
11 44 19 00-0189	EA		Anti-microbial, Individual Crescent Cube, Stainless Steel, Ice Maker (Hoshizaki America KM-2100/2500S_H3).....	17,605.18	210.39
11 44 19 00-0190	EA		2,400 BTU, 1/3 HP, Air Cooled, Stainless Steel, Leg Mounted, Under Counter Ice Maker (Hoshizaki America F-330BAJ-c).....	7,045.74	187.02
11 44 19 00-0191	EA		24" Wide, Energy Efficient, Stainless Steel, Built-in Dishwasher (Kenmore 14743).....	1,401.51	82.19

11	Equipment
11 40	Foodservice Equipment
11 44	Food Cooking Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 44	19 00-0192	EA	3.7 CF, 27"W x 29-1/4"D x 39"H, Energy Efficient, Full Size, White Front-loading Washing Machine (Kenmore 41272)	2,029.45	82.19
11 44	19 00-0193	EA	30" Wide, Slide In, Electric Coil, Black Top, Stainless Steel, Electric Range (Kenmore 46762)	2,356.50	82.19
11 44	19 00-0194	EA	15.0 CF, Top Freezer Compartment With Self Defrosting, Reversible Door, White Refrigerator (Kenmore 60302)	938.07	41.10
11 44	19 00-0195	EA	30" Stainless Steel, Vent Less Range Hood (Kenmore 22-51840)	388.25	61.65
11 44	19 00-0196	EA	22.89 CF, 33" W x 66 1/2" H x 34 3/4" D, Tall Through-the-door Dispenser With Light And Ultra Ice® Stainless Steel Water Filtration System With Indicator Light (Kenmore 46-51313)	1,616.38	41.10
11 44	19 00-0197	EA	Gas Fired, Adjustable Conveyor Speed, Single Level, Dual Air Return, Stainless Steel, Conveyor Oven (Middleby Marshall PS636G-1)	30,801.06	140.26
11 44	19 00-0198	EA	Stainless Steel, Gas Fired, Standing Pilot, Conventional Oven (Montague 124-5)	10,764.23	82.19
11 44	19 00-0199	EA	3/4" Thick, 36" Flat-top, 100,000 BTU, Manual Control, Heavy Duty Range (Montague 136-8)	15,649.12	128.58
11 44	19 00-0200	EA	3/4" Thick Flat Top, 80,000 BTU, Thermostatic Control, Heavy Duty Range (Montague C36-8T)	15,721.20	128.58
11 44	19 00-0201	EA	36", 114,000 BTU, Low Profile, Heavy-duty Counter Top With Six Burners (Montague Gas Range V136LB/UFLC-36R)	36,611.83	93.51
11 44	19 00-0202	EA	24", 140,000 BTU, Gas Fired, Standing Pilot, Stainless Steel, Convection Oven With Four 12" Burners (Montague Legend 124-5)	10,866.23	133.20
11 44	19 00-0203	EA	36", 110,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Two Round French Style Hot Tops (Montague Legend 136-9A)	13,347.11	158.96
11 44	19 00-0204	EA	225,000 BTU, Gas fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Six Burners (Montague Legend V136-5)	13,347.11	158.96
11 44	19 00-0205	EA	36", 165,000 BTU, Gas Fired, Open Top, Standing Pilot, Stainless Steel, Convection Oven With Four Burners (Montague Legend V136-5A)	13,347.11	158.96
11 44	19 00-0206	EA	63,000 BTU, Gas Fired, Double Deck, Stainless Steel, Convection Oven (Montague Vectaire HX2-63A)	30,417.44	187.02
11 44	19 00-0207	EA	Ultra Continuous Feed Combination Food Processor. (Robot Coupe R 2 N)	2,131.26	222.92
11 44	19 00-0208	EA	Low Noise, Aluminum Alloy, Water Cooled Motor (Salvajor 750)	4,933.40	61.65
11 44	19 00-0209	EA	Low Flow, Backflow Prevention, Stainless Steel, Trough Collector (Salvajor S419)	13,359.07	213.05
11 44	19 00-0210	EA	92 GPH, Electronic Automatic Control, Stainless Steel, Dishwasher (Stero SDRA-PKG)	29,157.66	160.76
11 44	19 00-0211	EA	3-phase, Microprocessor Controlled, Air-cooled, Stainless Steel, Freezer (Taylor C723)	17,228.46	41.10
11 44	19 00-0212	EA	52-1/8"L x 35"D x 83-1/4"H, 1/3 HP, Microprocessor Controlled, Reach-in, Caster Mounted, Refrigerator (Traulsen G2000)	8,151.27	196.37
11 44	19 00-0213	EA	120 VAC, Wet Operation Only, Single Well, Round, Deep Drawn Stainless Steel, Cook'N Hold Built-in Food Warmer With Drain (Wells HW106D)	1,458.30	196.37
11 44	19 00-0214	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD300DM)	3,637.08	196.37
11 44	19 00-0215	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD400DM)	5,121.06	196.37
11 44	19 00-0216	EA	120 VAC, 3, 4, And 5 Well, Wet Or Dry Operation, Rectangular, Deep Drawn Stainless Steel, Built-in Modular Food Warmer (Wells MOD500DM)	6,221.89	196.37
11 44	19 00-0217	EA	Adjustable Radiant Flame, Thermostatically Controlled, Hearth Pizza Oven (Woodstone WS-FD-6045-RFG-L-IR-NG)	47,219.17	93.51
11 44	19 00-0218		Other Kettles <small>(11 44 19)</small>		
11 44	19 00-0219	EA	20 QT Trunion Kettle With Stand (Groen TDC/320)	5,151.77	106.55
11 44	19 00-0220	EA	40 QT Trunion Kettle With Stand (Groen TDA/140)	8,121.02	106.55
11 44	19 00-0221		Charbroilers <small>(11 44 19)</small>		
11 44	19 00-0222	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Lava Briquette Charbroiler (Cooking Performance Group CBL24)	1,025.66	82.19
11 44	19 00-0223	EA	40,000 BTU, 26-13/16" Length x 15" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR15)	821.60	109.57
11 44	19 00-0224	EA	70,000 BTU, 27-1/2" Length x 24" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG24RC)	566.99	82.19
11 44	19 00-0225	EA	80,000 BTU, 26-13/16" Length x 24" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR24)	1,065.45	93.95
11 44	19 00-0226	EA	80,000 BTU, 26-13/16" Length x 24" Width x 41-5/16" Height, Radiant Charbroiler With Storage Base (Cooking Performance Group 24CBRSBNL)	1,798.10	93.95
11 44	19 00-0227	EA	105,000 BTU, 27-1/2" Length x 36" Width x 15" Height, Gas Countertop Radiant Charbroiler (Avantco AG36RC)	1,080.49	109.57
11 44	19 00-0228	EA	120,000 BTU, 26-13/16" Length x 36" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR36)	1,406.11	109.57
11 44	19 00-0229	EA	120,000 BTU, 32-1/8" Length x 36-3/8" Width x 40-13/16" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBRRBNL)	3,419.94	131.51
11 44	19 00-0230	EA	120,000 BTU, 36-3/8" Length x 32-1/8" Width x 24-1/2" Height, Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 36CBLRBNL)	3,436.22	131.51
11 44	19 00-0231	EA	120,000 BTU, 26-13/16" Length x 36" Width x 41-5/16" Height, Gas Radiant Charbroiler With Cabinet Base (Cooking Performance Group 36CBRSBNL)	2,122.48	109.57
11 44	19 00-0232	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Lava Briquette Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCLBNL)	4,917.80	131.51
11 44	19 00-0233	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Heavy-Duty Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GTCRBNL)	4,901.52	131.51
11 44	19 00-0234	EA	140,000 BTU, 32-1/8" Length x 51-7/8" Width x 24 1/2" Height, Gas Griddle And Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 24GMCRBNL)	4,608.46	131.51
11 44	19 00-0235	EA	160,000 BTU, 26-13/16" Length x 48" Width x 16-5/16" Height, Gas Countertop Radiant Charbroiler (Cooking Performance Group CBR48)	1,890.15	164.39
11 44	19 00-0236	EA	160,000 BTU, 32-1/8" Length x 51-7/8" Width x 24-1/2" Height, Gas Radiant Charbroiler With 2 Drawer Refrigerated Chef Base (Cooking Performance Group 48CBRRBNL)	3,909.00	164.39
11 44	19 00-0237	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler (Cooking Performance Group CBR60-NG(CPG))	2,362.30	164.39
11 44	19 00-0238	EA	200,000 BTU, 30-1/2" Length x 60" Width x 16-3/4" Height, Gas Radiant Charbroiler With 4 Drawer Refrigerated Chef Base (Cooking Performance Group 60CBRRBNL)	4,885.87	164.39

11 46 Food Dispensing Equipment (11 40)

Equipment	11	
Foodservice Equipment	11 40	⇐
Food Dispensing Equipment	11 46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 13 Bar Equipment <small>(11 46)</small>		
11 46 13 00-0001 Soft Serve Machines <small>(11 46 13)</small>		
11 46 13 00-0002 EA Soft Serve Machines, Medium.....	12,760.57	110.53
11 46 13 00-0003 EA Soft Serve Machines, Large	21,534.85	135.03
11 46 13 00-0004 Salad Bars <small>(11 46 13)</small>		
11 46 13 00-0005 EA 96" Refrigerated Salad Bar With Light 54" Height.....	16,148.56	412.90
11 46 13 00-0006 EA 96" Refrigerated Salad Bar Without Light 54" Height.....	14,787.41	412.90
11 46 13 00-0007 EA 96" Iced Salad Bar Without Light 54" Height	10,443.66	226.86
11 46 13 00-0008 EA 79" Iced Salad Bar Without Light 54" Height	8,254.60	186.37
11 46 13 00-0009 EA 79" Refrigerated Salad Bar Without Light 54" Height.....	12,547.43	273.42
11 46 13 00-0010 EA 114" Iced Salad Bar 34" Height	13,863.14	242.20
11 46 13 00-0011 EA Salad Bar Tray Fixed	1,602.68	41.02
11 46 13 00-0012 EA Salad Bar Tray Hinged	1,705.78	41.02
11 46 16 Service Line Equipment <small>(11 46)</small>		
11 46 16 00-0001 Food Warmer Holding Station <small>(11 46 16)</small>		
11 46 16 00-0002 EA Food Warmer Station And Heat Lamp.....	774.35	16.45
11 46 16 00-0003 Reach-In Food Warmers <small>(11 46 16)</small>		
11 46 16 00-0004 EA One Drawer, 16 Roll Capacity Food Warmer	1,666.35	35.42
11 46 16 00-0005 EA Three Drawer, 36 Roll Capacity Food Warmer	3,813.32	81.12
11 46 16 00-0006 Countertop Food Warmer <small>(11 46 16)</small>		
11 46 16 00-0007 EA 12" x 20", 1500 Watt, 120 Voltage, Full Size Electric Countertop Food Cooker / Warmer (Avantco W50CKR)	189.94	28.45
11 46 16 00-0008 EA 12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer (Avantco W50)	165.59	28.45
11 46 16 00-0009 EA 12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Topping Station With 1 Condiment Pump And (1) 7 Quart Inset With Lid And Ladle (Avantco WK12007PL)	522.61	28.45
11 46 16 00-0010 EA 12" x 20", 1200 Watt, 120 Voltage, Full Size Electric Countertop Food Warmer / Soup Station With 3 Insets, 3 Covers, And 3 (3 Ounce) Ladles (Avantco WK12004X3).....	358.66	28.45
11 46 16 00-0011 Hot Cabinets With Top Wells Electric <small>(11 46 16)</small>		
11 46 16 00-0012 EA 2 Wells, 2 Compartments Hot Cabinet With Top Wells, Electric	8,883.33	152.27
11 46 16 00-0013 EA 3 Wells, 3 Compartments Hot Cabinet With Top Wells, Electric	12,691.66	218.23
11 46 16 00-0014 Portable Hot Food Units <small>(11 46 16)</small>		
11 46 16 00-0015 EA 46" Wide x 28" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 37030).....	5,454.30	
11 46 16 00-0016 EA 60" Wide x 28" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 37040).....	6,246.02	
11 46 16 00-0017 EA 74" Wide x 28" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 37050)	7,059.98	
11 46 16 00-0018 Stationary Hot Food Units <small>(11 46 16)</small>		
11 46 16 00-0019 EA 46" Wide x 29-1/2" Deep x 34" Height, Three Well, Stainless Steel Hot Food Station (Vollrath Model 38203)	1,645.93	31.01
11 46 16 00-0020 EA 61-1/4" Wide x 29-1/2" Deep x 34" Height, Four Well, Stainless Steel Hot Food Station (Vollrath Model 38204)	2,209.07	35.70
11 46 16 00-0021 EA 76" Wide x 29-1/2" Deep x 34" Height, Five Well, Stainless Steel Hot Food Station (Vollrath Model 38205).....	2,751.37	45.72
11 46 16 00-0022 Serving Counters <small>(11 46 16)</small>		
11 46 16 00-0023 LF 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Straight Section	112.25	38.15
11 46 16 00-0024 LF 11" Deep, Tray Slide With 3 Raised Reinforced Ribs And Backing Plate, 316 Stainless Steel Solid Surface, Curved Section	143.34	58.44
11 46 16 00-0025 Drop-In Equipment <small>(11 46 16)</small>		
11 46 16 00-0026 EA Hot Food Well, Rectangular.....	536.72	121.56
11 46 16 00-0027 EA Hot Food Well, Circular.....	490.85	121.56
11 46 16 00-0028 EA Refrigerated Well, 2 Compartment	2,164.29	121.56
11 46 16 00-0029 EA Refrigerated Well, 3 Compartment	2,460.26	135.03
11 46 16 00-0030 EA Refrigerated Well, 4 Compartment	2,795.91	151.95
11 46 16 00-0031 EA Frost Cold Plate	2,128.02	135.03
11 46 16 00-0032 Beverage Dispensing <small>(11 46 16)</small>		
11 46 16 00-0033 EA Coffee Urn, Twin 3 Gallon	3,467.76	191.40
11 46 16 00-0034 EA Coffee Urn, Twin 6 Gallon	4,939.73	267.93
11 46 16 00-0035 EA Coffee Brewer, 5 Burner	1,414.92	191.40
11 46 16 00-0036 EA Hot Chocolate Dispenser.....	1,381.77	157.65
11 46 16 00-0037 EA Iced Tea Brewer	2,035.47	157.65
11 46 16 00-0038 EA Juice Dispenser (Concentrate)	1,457.26	269.87
11 46 16 00-0039 EA Jet Spray Dispenser	2,088.51	270.15
11 46 16 00-0040 EA Milk Dispenser, Bulk, 2 Flavor	1,767.27	151.95

11	11 Equipment
	11 40 Foodservice Equipment
	11 46 Food Dispensing Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0041	EA		Milk Dispenser, Bulk, 3 Flavor	2,420.97	151.95
11 46 16 00-0042			Dish Dispensers <small>(11 46 16)</small>		
11 46 16 00-0043	EA		Heated Plate Lift; Adjustable Plate Storage And Transport (Adcraft ADC-LR-2)	1,916.10	28.45
11 46 16 00-0044	EA		12" Diameter, Drop-in, Dish Dispenser	714.70	29.34
11 46 16 00-0045	EA		Drop-in, Cup And Glass Dispenser	1,210.04	91.23
11 46 16 00-0046	EA		Drop-in, Disposable Cup Dispenser.....	442.48	20.55
11 46 16 00-0047			Tray And Silver Dispensers <small>(11 46 16)</small>		
11 46 16 00-0048	EA		Tray And Silver Dispensers Mobile.....	2,807.27	20.55
11 46 16 00-0049			Condiment Dispensers <small>(11 46 16)</small>		
11 46 16 00-0050	EA		Butter Pat Dispenser.....	159.17	25.72
11 46 16 00-0051	EA		Bread Dispenser, Counter Top.....	459.65	25.72
11 46 16 00-0052			Sandwich Rack Warmer <small>(11 46 16)</small>		
11 46 16 00-0053	EA		18 Compartment, 2 Tier Sandwich Rack Warmer.....	3,537.32	131.28
11 46 16 00-0054			Mobile Bread Counter <small>(11 46 16)</small>		
11 46 16 00-0055	EA		Mobile Bread And Roll Counter	8,118.78	295.14
11 46 16 00-0056			Open Service Stand <small>(11 46 16)</small>		
11 46 16 00-0057	EA		6' Open Service Stand.....	3,112.55	95.37
11 46 16 00-0058	LF		Each Additional Foot Over 6 Foot Add	425.82	12.89
11 46 16 00-0059			Mobile Serving Stand Unit <small>(11 46 16)</small>		
11 46 16 00-0060	EA		36" Mobile Serving Stand Unit	2,717.66	91.21
11 46 16 00-0061	EA		96" Mobile Serving Stand Unit	4,468.34	136.72
11 46 16 00-0062			Reach-In Heated Cabinets <small>(11 46 16)</small>		
11 46 16 00-0063	EA		Heated Cabinet, Reach-in, 1 Compartment.....	5,472.48	155.88
11 46 16 00-0064	EA		Heated Cabinet, Reach-in, 2 Compartment.....	7,892.46	196.09
11 46 16 00-0065	EA		Heated Cabinet, 1 Compartment, Pass-Through Roll-In	5,730.52	155.88
11 46 16 00-0066	EA		Heated Cabinet, Pass-Through, Roll-In 2 Compartment.....	8,267.48	196.09
11 46 16 00-0067			Sneeze Guard <small>(11 46 16)</small>		
11 46 16 00-0068	LF		2 Panel Sneeze Guard With Attachments.....	340.14	57.15
11 46 16 00-0069			Mobile Heated Cabinets <small>(11 46 16)</small>		
11 46 16 00-0070	EA		Mobile, Heated Cabinet	6,180.98	51.37
11 46 16 00-0071			Smoothie Machine <small>(11 46 16)</small>		
11 46 16 00-0072	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And Two 64 Ounce Polycarbonate Containers (Avamix BX2000T2J)	394.85	28.45
11 46 16 00-0073	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control And One 64 Ounce Polycarbonate Container (Avamix BX2000T).....	346.04	28.45
11 46 16 00-0074	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Toggle Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2000V2J)	419.88	28.45
11 46 16 00-0075	EA		Smoothie Machines 3-1/2 HP Commercial Blender With Touchpad Control, Adjustable Speed, And Two 64 Ounce Polycarbonate Containers (Avamix BX2100E2J)	432.40	28.45
11 46 16 00-0076	EA		Smoothie Machines 2 HP Commercial Blender With Toggle Control And 64 Ounce Polycarbonate Container (Avamix BL2T64).....	228.08	28.45
11 46 16 00-0077			Refrigerated Buffet Display Table <small>(11 46 16)</small>		
11 46 16 00-0078	EA		35" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-36-N).....	3,339.80	28.45
11 46 16 00-0079	EA		47" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-48-N).....	4,424.09	28.45
11 46 16 00-0080	EA		59" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-60-N).....	5,110.97	28.45
11 46 16 00-0081	EA		71" Stainless Steel Refrigerated Buffet Display Table, Cooling Serving Stations (Turbo Air JBT-72-N).....	5,985.35	28.45
11 46 16 00-0082			Refrigerated Bakery Display Case <small>(11 46 16)</small>		
11 46 16 00-0083	EA		26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC36HCW).....	1,952.99	20.55
11 46 16 00-0084	EA		26-1/2" Length x 47-7/8" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC48HCB).....	2,239.90	20.55

Equipment	11
Foodservice Equipment	11 40
Food Dispensing Equipment	11 46

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0085 EA 26-1/2" Length x 59-2/3" Width x 48" Height, 48" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC48HCW).....	2,245.73	23.51
11 46 16 00-0086 EA 26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC60HCB).....	2,437.01	23.51
11 46 16 00-0087 EA 26-1/2" Length x 59-2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Avantco BC60HCW).....	2,437.01	23.51
11 46 16 00-0088 EA 26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco BC72HCB).....	3,123.87	23.51
11 46 16 00-0089 EA 26-1/2" Length x 72-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Bakery Display Case, White (Avantco 193BC72HCW).....	3,123.87	23.51
11 46 16 00-0090 EA 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3646NW).....	3,932.95	27.37
11 46 16 00-0091 EA 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP3646FN).....	4,999.72	27.37
11 46 16 00-0092 EA 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 1 Shelf, Two Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3646NN).....	3,932.95	27.37
11 46 16 00-0093 EA 27-1/2" Length x 35-3/8" Width x 44-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3646FW).....	4,999.72	27.37
11 46 16 00-0094 EA 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP3654NW).....	4,166.13	27.37
11 46 16 00-0095 EA 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654F).....	4,166.13	27.37
11 46 16 00-0096 EA 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP3654NN).....	4,166.13	27.37
11 46 16 00-0097 EA 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4846NN).....	4,427.92	27.37
11 46 16 00-0098 EA 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4846FW).....	5,630.86	27.37
11 46 16 00-0099 EA 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4846NW).....	4,427.92	27.37
11 46 16 00-0100 EA 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4846FD).....	5,302.79	27.37
11 46 16 00-0101 EA 27-1/2" Length x 47-1/4" Width x 44-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4846FN).....	5,630.86	27.37
11 46 16 00-0102 EA 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP4854FW).....	5,964.96	27.37
11 46 16 00-0103 EA 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP4854NW).....	4,690.33	27.37
11 46 16 00-0104 EA 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP4854FD).....	5,617.31	27.37
11 46 16 00-0105 EA 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Black Refrigerated Bakery Display Case With Lift-Up Front Glass (Turbo Air TBP4854FN).....	5,964.96	27.37
11 46 16 00-0106 EA 27-1/2" Length x 47-1/4" Width x 52-3/8" Height, 47" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP4854NN).....	4,690.33	27.37
11 46 16 00-0107 EA 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6046FW).....	6,171.92	27.37
11 46 16 00-0108 EA 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Drop-In Refrigerated Bakery Display Case (Turbo Air TBP6046FD).....	5,812.22	27.37
11 46 16 00-0109 EA 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, Black (Turbo Air TBP6046FN).....	6,171.92	27.37
11 46 16 00-0110 EA 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6046NN).....	6,171.92	27.37
11 46 16 00-0111 EA 27-1/2" Length x 59" Width x 44-3/8" Height, 59" Square Glass, 2 Shelves, 1 Door, R-290 Refrigerant, Full Service Two Tier Refrigerated Bakery Display Case, Black (Turbo Air TBP6054FD).....	6,157.46	27.37
11 46 16 00-0112 EA 27-1/2" Length x 59" Width x 52-3/8" Height, 36" Curved Glass, 2 Shelves, 2 Doors, 36 To 43 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Avantco 193BC36HCB).....	1,971.65	29.91
11 46 16 00-0113 EA 27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 1 Shelf, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP6054FW).....	6,543.79	29.91
11 46 16 00-0114 EA 27-1/2" Length x 59" Width x 52-3/8" Height, 59" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case, White (Turbo Air TBP6054NW).....	5,145.34	29.91
11 46 16 00-0115 EA 27-1/2" Length x 35-3/8" Width x 52-3/8" Height, 35-1/2" Square Glass, 2 Shelves, 2 Doors, R-290 Refrigerant, Full Service Three Tier Refrigerated Bakery Display Case With Lift-Up Front Glass, White (Turbo Air TBP3654FW).....	5,297.06	27.37
11 46 16 00-0116 EA 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB36RWN).....	2,377.63	29.91
11 46 16 00-0117 EA 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB36FBN).....	6,759.49	29.91
11 46 16 00-0118 EA 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Flat Glass, 2 Shelves, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB36FWN).....	6,759.49	29.91
11 46 16 00-0119 EA 34-1/4" Length x 36-1/2" Width x 50-1/8" Height, 36" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB362WN).....	6,759.49	29.91
11 46 16 00-0120 EA 34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB48DWN).....	5,447.39	29.91
11 46 16 00-0121 EA 34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Refrigerated Bakery Display Case, Black (Turbo Air TCGB48FBN).....	8,138.66	29.91
11 46 16 00-0122 EA 34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB48FWN).....	8,138.66	29.91

11 Equipment**11 40 Foodservice Equipment****11 46 Food Dispensing Equipment**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
11 46 16 00-0123	EA	34-1/4" Length x 48-1/2" Width x 50-1/8" Height, 48" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB482WN).....	8,138.66		29.91
11 46 16 00-0124	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 2 Shelves, R-290 Refrigerant, Full Service Refrigerated Dry Bakery Display Case, White (Turbo Air TCGB60DWN).....	6,262.29		29.91
11 46 16 00-0125	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, Black (Turbo Air TCGB60FBN).....	8,266.70		29.91
11 46 16 00-0126	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Open, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB60FWN).....	15,457.12		29.91
11 46 16 00-0127	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dry Refrigerated Bakery Display Case, White (Turbo Air TCGB602WN).....	15,457.12		29.91
11 46 16 00-0128	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Refrigerated Bakery Display Case, White (Turbo Air TCGB722WN).....	8,643.85		32.87
11 46 16 00-0129 Dry Bakery Display Case (11 46 16)					
11 46 16 00-0130	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD36B).....	1,689.91		20.55
11 46 16 00-0131	EA	26-1/2" Length x 36" Width x 48" Height, 36" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD36W).....	1,689.91		20.55
11 46 16 00-0132	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD48B).....	1,873.21		20.55
11 46 16 00-0133	EA	26-1/2" Length x 47.8" Width x 48" Height, 48" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD48W).....	1,873.21		20.55
11 46 16 00-0134	EA	26-1/2" Length x 59.2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD60B).....	2,154.00		23.51
11 46 16 00-0135	EA	26-1/2" Length x 59.2/3" Width x 48" Height, 60" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD60W).....	2,566.43		23.51
11 46 16 00-0136	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, Black (Avantco BCD72B).....	2,511.44		23.51
11 46 16 00-0137	EA	26-1/2" Length x 71-1/2" Width x 48" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Avantco BCD72W).....	2,511.44		23.51
11 46 16 00-0138	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air TBP3646FN).....	5,267.48		27.37
11 46 16 00-0139	EA	27-1/2" Length x 36-3/8" Width x 44-3/8" Height, 73-11/16" Curved Glass, 1 Shelf, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air TBP3646FW).....	10,480.14		27.37
11 46 16 00-0140	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Turbo Air TCGB72DWN).....	6,428.98		32.87
11 46 16 00-0141	EA	35-3/4" Length x 37-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, Full Service Dry Bakery Display Case, White (Beverage-Air CDR3HCWD).....	5,107.94		29.91
11 46 16 00-0142	EA	35-3/4" Length x 36-1/4" Width x 48-9/16" Height, 37-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR3HCBD).....	5,107.94		29.91
11 46 16 00-0143	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR4HCBD).....	5,107.94		29.91
11 46 16 00-0144	EA	35-3/4" Length x 49-1/4" Width x 48-9/16" Height, 49-1/4" Curved Glass, 2 Doors, 2 Shelves, Dry Bakery Display Case, White (Beverage-Air CDR4HCWD).....	5,107.94		29.91
11 46 16 00-0145	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Dry Bakery Display Case, Black (Beverage-Air CDR5HCBD).....	5,312.78		29.91
11 46 16 00-0146	EA	35-3/4" Length x 60-1/4" Width x 48-9/16" Height, 60-1/4" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR5HCWD).....	5,312.78		29.91
11 46 16 00-0147	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, Black (Beverage-Air CDR6HCBD).....	5,744.05		32.87
11 46 16 00-0148	EA	35-3/4" Length x 73-11/16" Width x 48-9/16" Height, 73-11/16" Curved Glass, 2 Shelves, 2 Doors, Full Service Dry Bakery Display Case, White (Beverage-Air CDR6HCWD).....	5,744.05		32.87
11 46 16 00-0149 Dual Dry/Refrigerated Bakery Display Case (11 46 16)					
11 46 16 00-0150	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Dual Dry/Refrigerated Bakery Display Case, Black (Turbo Air TCGB60UFCBON).....	16,780.85		29.91
11 46 16 00-0151	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Flat Glass, 4 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60UFCOWN).....	16,780.85		29.91
11 46 16 00-0152	EA	34-1/4" Length x 60-1/2" Width x 50-1/8" Height, 60" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, Refrigerant R-290, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB60COWN).....	16,780.85		29.91
11 46 16 00-0153	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, 2 Doors, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72UFCOWN).....	16,786.85		32.87
11 46 16 00-0154	EA	34-1/4" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 4 Shelves, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Full Service Dual Dry/Refrigerated Bakery Display Case, White (Turbo Air TCGB72COWN).....	17,231.10		32.87
11 46 16 00-0155 Refrigerated Deli Case (11 46 16)					
11 46 16 00-0156	EA	30" Length x 72-1/2" Width x 41-7/8" Height, 72" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72LWN).....	8,537.47		109.57
11 46 16 00-0157	EA	30" Length x 72-1/2" Width x 50-1/8" Height, 72" Curved Glass, 2 Shelves, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD72HWN).....	8,537.47		109.57

Equipment	11	
Foodservice Equipment	11 40	↕
Food Dispensing Equipment	11 46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 16 00-0158	EA		30" Length x 96-1/2" Width x 41-7/8" Height, 96" Low Profile Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96LWN).....	9,782.52	109.57
11 46 16 00-0159	EA		30" Length x 96-1/2" Width x 5-1/8" Height, 96" Curved Glass, 1 Shelf, Sliding Door, 33 To 41 Degree Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Turbo Air TCDD96HWN).....	9,782.52	109.57
11 46 16 00-0160	EA		32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC36HCB).....	2,000.20	65.76
11 46 16 00-0161	EA		32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Doors, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC36HCS).....	2,176.93	65.76
11 46 16 00-0162	EA		32-1/2" Length x 36-1/4" Width x 42-7/8" Height, 36" Curved Glass, 4 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC36HCW).....	2,000.20	65.76
11 46 16 00-0163	EA		32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC47HCB).....	2,265.62	82.19
11 46 16 00-0164	EA		32-1/2" Length x 47-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC47HCS).....	2,460.95	82.19
11 46 16 00-0165	EA		32-1/2" Length x 64-1/3" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC64HCW).....	2,655.31	109.57
11 46 16 00-0166	EA		32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC64HCB).....	2,655.31	109.57
11 46 16 00-0167	EA		32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 64" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC64HCS).....	2,999.47	109.57
11 46 16 00-0168	EA		32-1/2" Length x 64-1/4" Width x 42-7/8" Height, 47" Curved Glass, 6 Shelves, 2 Doors, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC47HCW).....	2,320.45	109.57
11 46 16 00-0169	EA		32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, Black (Avantco DLC82HCB).....	2,897.15	109.57
11 46 16 00-0170	EA		32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Refrigerated Deli Case, White (Avantco DLC82HCW).....	2,897.15	109.57
11 46 16 00-0171	EA		32-1/2" Length x 82" Width x 42-7/8" Height, 82" Curved Glass, 9 Shelves, Sliding Door, 33 To 40 Degrees Fahrenheit Temperature Range, R-290 Refrigerant, Stainless Steel Refrigerated Deli Case (Avantco DLC82HCS).....	3,185.50	109.57
11 46 19 Soda Fountain Equipment (11 46)					
11 46 19 00-0001 Carbonated Beverage Dispensing (11 46 19)					
11 46 19 00-0002	EA		Carbonated Beverage Dispenser.....	3,762.19	379.93
11 46 19 00-0003	EA		Carbonated Beverage Dispenser With 90 LB Ice.....	6,013.01	434.16
11 46 19 00-0004	EA		Carbonated Beverage Dispenser With 150 LB Ice.....	11,105.96	607.80
11 46 19 00-0005 Beverage Chilling Systems (11 46 19)					
11 46 19 00-0006	EA		Beverage Chiller, Small.....	9,462.37	328.96
11 46 19 00-0007	EA		Beverage Chiller, Large.....	17,794.35	493.49
11 46 83 Ice Machines (11 46)					
11 46 83 00-0001 Undercounter Ice Machines With Bin (11 46 83)					
11 46 83 00-0002	EA		53 LB/Day, Air Cooled Undercounter Octagonal Cube Ice Machine With 25 LB Capacity Bin (Manitowoc SM-50A 115/60/1).....	2,415.17	20.55
11 46 83 00-0003	EA		85 LB/Day, Air Cooled Undercounter Pearl/Nugget Ice Machine With 22 LB Capacity Bin (Ice-O-Matic GEMU090).....	3,848.72	163.64
11 46 83 00-0004	EA		137 LB/Day, Air Cooled Undercounter Half Dice Cube Ice Machine With 90 LB Capacity Bin (Manitowoc UYF0140A).....	2,923.37	163.64
11 46 83 00-0005	EA		100 LB/Day, Undercounter, Air Cooled Ice Machine With 57 LB Capacity Bin (Scotsman CU0920MA).....	2,852.60	163.64
11 46 83 00-0006	EA		227 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2024SA).....	3,073.01	175.33
11 46 83 00-0007	EA		282 LB/Day, Undercounter, Air Cooled Ice Machine With 80 Lb Capacity Bin (Scotsman UC2724SA).....	3,442.10	175.33
11 46 83 00-0008 Ice Cube Maker (11 46 83)					
11 46 83 00-0009	EA		320 LB/Day, Modular Ice Maker Without Bin.....	3,971.37	175.33
11 46 83 00-0010	EA		451 LB/Day, Modular Ice Maker Without Bin.....	4,316.82	187.02
11 46 83 00-0011	EA		600 LB/Day, Modular Ice Maker Without Bin.....	4,951.66	187.02
11 46 83 00-0012	EA		901 LB/Day, Modular Ice Maker Without Bin.....	7,103.41	198.71
11 46 83 00-0013	EA		1301 LB/Day, Modular Ice Maker Without Bin.....	8,069.87	198.71
11 46 83 00-0014	EA		1601 LB/Day, Modular Ice Maker Without Bin.....	9,738.61	210.39
11 46 83 00-0015	EA		1900 LB/Day, Modular Ice Maker Without Bin.....	10,765.70	210.39
11 46 83 00-0016 Ice Flakers (11 46 83)					
11 46 83 00-0017	EA		300 LB/Day, Ice Flakers.....	6,999.45	536.09
11 46 83 00-0018	EA		600 LB/Day, Ice Flakers.....	12,729.13	857.75
11 46 83 00-0019	EA		1,000 LB/Day, Ice Flakers.....	15,680.40	1,179.41
11 46 83 00-0020	EA		2,000 LB/Day, Ice Flakers.....	19,232.14	1,286.63

11	11 Equipment
	11 40 Foodservice Equipment
	11 46 Food Dispensing Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 46 83 00-0021			Ice Storage Bins ^(11 46 83)		
11 46 83 00-0022	EA		260 LB Capacity, Stainless Steel Ice Storage Bin	1,574.18	123.29
11 46 83 00-0023	EA		360 LB Capacity, Stainless Steel Ice Storage Bin	1,729.35	123.29
11 46 83 00-0024	EA		550 LB Capacity, Stainless Steel Ice Storage Bin	2,163.70	133.57
11 46 83 00-0025	EA		660 LB Capacity, Stainless Steel Ice Storage Bin	2,336.12	133.57
11 46 83 00-0026	EA		1150 LB Capacity, Stainless Steel Ice Storage Bin	4,511.87	143.84
11 48			Foodservice Cleaning and Disposal Equipment ^(11 40)		
11 48 13			Commercial Dishwashers ^(11 48)		
11 48 13 00-0001			Rack Type Dishwasher ^(11 48 13)		
11 48 13 00-0002	EA		Dishwasher, 1 Tank And 190 To 230 Racks/Hour	22,223.66	910.96
11 48 13 00-0003	EA		Dishwasher, 2 Tanks And 234 To 260 Racks/Hour	36,141.10	1,125.31
11 48 13 00-0004	EA		Dishwasher, 2 Tanks And 265 To 290 Racks/Hour	43,195.69	1,286.07
11 48 13 00-0005			Exhaust Hood Dishwasher ^(11 48 13)		
11 48 13 00-0006	EA		4' x 4' x 2' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	2,607.58	256.47
11 48 13 00-0007	EA		4' x 4' x 7' Dishwasher Exhaust Hood Stainless Steel With Gutter On All Sides	4,455.20	307.76
11 48 13 00-0008			Undercounter Type Dishwasher ^(11 48 13)		
11 48 13 00-0009	EA		High Speed, Undercounter Commercial Dishwasher (Hobart LX30-H)	6,472.04	187.55
11 48 13 00-0010			Dish Tables ^(11 48 13)		
11 48 13 00-0011	LF		Clean/Soiled Dish Table, Basic	290.62	41.16
11 48 13 00-0012	LF		Clean/Soiled Dish Table With Trough	457.68	61.69
11 48 13 00-0013	LF		Clean/Soiled Dish Table, Maximum	552.25	82.22
11 48 13 00-0014			Sprays And Hoses ^(11 48 13)		
11 48 13 00-0015			Sprays, Fillers ^(11 48 13 00-0014)		
11 48 13 00-0016	EA		Pre-Rinse Spray	442.99	78.11
11 48 13 00-0017	EA		Kettle Fillers	385.65	78.11
11 48 13 00-0018			Hoses ^(11 48 13 00-0014)		
11 48 13 00-0019	EA		Hose Reel	531.59	93.77
11 48 13 00-0020	EA		Wash-Down Hose	416.91	93.77
11 48 13 00-0021	EA		Hose Reel And Spray System With Accessories (Chicago 535NF)	1,435.48	
11 48 16			Foodservice Disposal Equipment ^(11 48)		
11 48 16 00-0001			Garbage Disposals ^(11 48 16)		
			Note: Manual switch.		
11 48 16 00-0002	EA		1/2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,549.87	144.68
11 48 16 00-0003	EA		3/4 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	1,961.58	150.04
11 48 16 00-0004	EA		1 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,107.27	155.40
11 48 16 00-0005	EA		1.5 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	2,763.44	160.76
11 48 16 00-0006	EA		2 HP, 115/208-230 Volt, 1 Phase, Stainless Steel, Garbage Disposal	3,014.72	176.84
11 48 16 00-0007	EA		3 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	4,263.47	192.91
11 48 16 00-0008	EA		5 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	5,098.14	214.34
11 48 16 00-0009	EA		7-1/2 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	7,108.86	230.42
11 48 16 00-0010	EA		10 HP, 208-230/460 Volt, 3 Phase, Stainless Steel, Garbage Disposal	9,371.97	241.13
11 48 16 00-0011			Pulper/Extractors ^(11 48 16)		
11 48 16 00-0012	EA		5 HP, Pulper/Extractor, Close-Coupled	6,199.95	223.24
11 50			Educational and Scientific Equipment ⁽¹¹⁾		
11 52			Audio-Visual Equipment ^(11 50)		
11 52 13			Projection Screens ^(11 52)		
11 52 13 13			Fixed Projection Screens ^(11 52 13)		
11 52 13 13-0001			Screens ^(11 52 13 13)		
11 52 13 13-0002			Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model B) ^(11 52 13 13-0001)		
11 52 13 13-0003	EA		40" x 40" Pull Down Projection Screen (Da-Lite B)	371.71	80.02
			For High Contrast Matte, Add	40.00	
			For Video Spectra Fabric, Add	40.00	
			For High Power Fabric, Add	120.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0004 EA 50" x 50" Pull Down Projection Screen (Da-Lite B).....	442.40	102.87
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0005 EA 60" x 60" Pull Down Projection Screen (Da-Lite B).....	558.79	142.88
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0006 EA 70" x 70" Pull Down Projection Screen (Da-Lite B).....	646.63	171.46
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0007 EA 84" x 84" Pull Down Projection Screen (Da-Lite B).....	1,002.16	257.19
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0008 EA 96" x 96" Pull Down Projection Screen (Da-Lite B).....	1,182.02	285.76
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0009 EA 64" x 84" Pull Down Projection Screen (Da-Lite B).....	853.56	182.89
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0010 EA 72" x 96" Pull Down Projection Screen (Da-Lite B).....	975.69	228.61
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0011 EA 43" x 57" Pull Down Projection Screen (Da-Lite B).....	528.71	97.16
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0012 EA 50" x 67" Pull Down Projection Screen (Da-Lite B).....	731.44	137.16
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0013 EA 55" x 77" Pull Down Projection Screen (Da-Lite B).....	796.41	154.32
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0014 EA 60" x 80" Pull Down Projection Screen (Da-Lite B).....	849.95	165.74
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0015 EA 69" x 92" Pull Down Projection Screen (Da-Lite B).....	979.88	200.04
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0016 EA 45" x 80" Pull Down Projection Screen (Da-Lite B).....	804.22	142.88
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0017 EA 52" x 92" Pull Down Projection Screen (Da-Lite B).....	911.30	165.74
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0018 Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C) <small>(11 52 13 13-0001)</small>		
11 52 13 13-0019 EA 50" x 50" Pull Down Projection Screen (Da-Lite C).....	871.89	102.87
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0020 EA 60" x 60" Pull Down Projection Screen (Da-Lite C).....	1,018.96	142.88
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0021 EA 70" x 70" Pull Down Projection Screen (Da-Lite C).....	1,183.20	194.32
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0022 EA 84" x 84" Pull Down Projection Screen (Da-Lite C).....	1,370.30	257.19
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0023 EA 6' x 8' Pull Down Projection Screen (Da-Lite C).....	1,504.44	262.91
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0024 EA 8' x 8' Pull Down Projection Screen (Da-Lite C).....	1,611.51	285.76
<i>For High Contrast Matte, Add</i>	40.00	
<i>For Video Spectra Fabric, Add</i>	40.00	
<i>For High Power Fabric, Add</i>	120.00	

11 Equipment**11 50 Educational and Scientific Equipment****11 52 Audio-Visual Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0025	EA		7' x 9' Pull Down Projection Screen (Da-Lite C).....	1,642.19	285.76
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0026	EA		9' x 9' Pull Down Projection Screen (Da-Lite C).....	1,768.52	302.91
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0027	EA		8' x 10' Pull Down Projection Screen (Da-Lite C).....	1,894.85	320.05
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0028	EA		10' x 10' Pull Down Projection Screen (Da-Lite C).....	2,032.59	342.92
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0029	EA		9' x 12' Pull Down Projection Screen (Da-Lite C).....	2,278.02	342.92
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0030	EA		12' x 12' Pull Down Projection Screen (Da-Lite C).....	2,629.35	457.23
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0031			Heavy Duty Pull Down Project Screen, Matte White Or Glass Beaded (Da-Lite Model C With CSR) <small>(11 52 13 13-0001)</small>		
			Note: With controlled screen return.		
11 52 13 13-0032	EA		60" x 60" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,632.52	142.88
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0033	EA		70" x 70" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	1,827.44	194.32
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0034	EA		84" x 84" Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,014.53	257.19
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0035	EA		6' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,118.00	262.91
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0036	EA		8' x 8' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,255.75	285.76
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0037	EA		7' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,286.43	285.76
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0038	EA		9' x 9' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,412.75	302.91
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0039	EA		8' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,466.29	314.34
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0040	EA		10' x 10' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	2,768.87	342.92
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0041	EA		9' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	3,044.97	342.92
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0042	EA		12' x 12' Pull Down Projection Screen With CSR (Controlled Screen Return) (Da-Lite C With CSR).....	3,457.66	457.23
			<i>For High Contrast Matte, Add</i>	40.00	
			<i>For Video Spectra Fabric, Add</i>	40.00	
			<i>For High Power Fabric, Add</i>	120.00	
11 52 13 13-0043			Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Cosmopolitan Electrol) <small>(11 52 13 13-0001)</small>		
			Note: Heavy-duty screen for exposed installation.		
11 52 13 13-0044	EA		50" x 50" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,451.24	128.59
11 52 13 13-0045	EA		60" x 60" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,505.99	142.88
11 52 13 13-0046	EA		70" x 70" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	2,612.90	171.46
11 52 13 13-0047	EA		84" x 84" Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,009.52	257.19
11 52 13 13-0048	EA		6' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,083.79	262.91
11 52 13 13-0049	EA		8' x 8' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,273.51	285.76
11 52 13 13-0050	EA		7' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,338.97	285.76
11 52 13 13-0051	EA		9' x 9' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,504.64	305.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0052 EA 8' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,708.65	320.05
11 52 13 13-0053 EA 10' x 10' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,840.76	342.92
11 52 13 13-0054 EA 9' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	3,958.58	342.92
11 52 13 13-0055 EA 12' x 12' Electric Projection Screen, Wall Or Ceiling Mounted (Da-Lite Cosmopolitan Electrol)	4,391.42	457.23
11 52 13 13-0056 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Professional Electrol) ^(11 52 13 13-0001)		
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0057 EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	5,898.02	342.92
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0058 EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	6,372.07	457.23
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0059 EA 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	7,897.55	514.38
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0060 EA 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,318.64	571.53
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0061 EA 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	8,854.04	685.83
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0062 EA 13.5' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	9,888.67	742.99
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0063 EA 18' x 18' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	10,831.29	800.14
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0064 EA 15' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	11,444.85	800.14
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0065 EA 20' x 20' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,317.70	914.45
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0066 EA 11' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	11,422.57	742.99
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0067 EA 16.5' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,072.27	914.45
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0068 EA 22' x 22' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,607.67	1,028.75
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0069 EA 12' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	12,150.44	800.14
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0070 EA 18' x 24' Electric Projection Screen, Ceiling Mounted (Da-Lite Professional Electrol)	15,675.47	1,028.75
Note: Heavy-duty screen for exposed or recessed installation without doors.		
11 52 13 13-0071 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Executive Electrol) ^(11 52 13 13-0001)		
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0072 EA 50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	5,469.38	128.59
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0073 EA 60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	5,589.99	142.88
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0074 EA 70" x 70" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	5,708.50	171.46
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0075 EA 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,094.71	257.19
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0076 EA 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,167.49	262.91
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0077 EA 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,397.28	285.76
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0078 EA 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,581.35	285.76
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0079 EA 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,713.38	305.77
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0080 EA 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	6,895.36	320.05
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0081 EA 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	7,063.79	342.92
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0082 EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	7,125.14	342.92
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0083 EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	7,660.54	457.23
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0084 EA 10.6' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	8,208.55	485.80
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0085 EA 14' x 14' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	8,572.47	514.38
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0086 EA 12' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	9,361.70	571.53
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0087 EA 16' x 16' Electric Projection Screen, Ceiling Mounted (Da-Lite Executive Electrol)	9,743.71	685.83
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0088 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Senior Electrol) ^(11 52 13 13-0001)		
Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0089 EA 50" x 50" Electric Projection Screen (Da-Lite Senior Electrol)	4,536.77	128.59
Note: Heavy duty screen for recessed or exposed installation.		
11 52 13 13-0090 EA 60" x 60" Electric Projection Screen (Da-Lite Senior Electrol)	4,636.87	157.17
Note: Heavy duty screen for recessed or exposed installation.		

11 Equipment**11 50 Educational and Scientific Equipment****11 52 Audio-Visual Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0091 EA 70" x 70" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,693.06	171.46
11 52 13 13-0092 EA 84" x 84" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,953.49	257.19
11 52 13 13-0093 EA 6' x 8' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	4,992.53	262.91
11 52 13 13-0094 EA 8' x 8' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,154.82	285.76
11 52 13 13-0095 EA 7' x 9' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,317.42	285.76
11 52 13 13-0096 EA 9' x 9' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,575.23	305.77
11 52 13 13-0097 EA 8' x 10' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,646.77	320.05
11 52 13 13-0098 EA 10' x 10' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,824.39	342.92
11 52 13 13-0099 EA 9' x 12' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	5,815.99	400.07
11 52 13 13-0100 EA 12' x 12' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	6,359.79	457.23
11 52 13 13-0101 EA 10'-6" x 14' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,944.72	485.80
11 52 13 13-0102 EA 14' x 14' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	8,293.30	514.38
11 52 13 13-0103 EA 12' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	8,975.15	571.53
11 52 13 13-0104 EA 16' x 16' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	9,332.62	685.83
11 52 13 13-0105 EA 13'-6" x 18' Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	10,167.84	742.99
11 52 13 13-0106 EA 18' x 18' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	10,794.48	800.14
11 52 13 13-0107 EA 15' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	11,242.38	800.14
11 52 13 13-0108 EA 20' x 20' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	12,428.14	914.45
11 52 13 13-0109 EA 50" x 67" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,693.06	171.46
11 52 13 13-0110 EA 60" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,896.34	228.61
11 52 13 13-0111 EA 69" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,981.10	257.19
11 52 13 13-0112 EA 87" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,677.45	320.05
11 52 13 13-0113 EA 105" x 140" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	6,070.62	400.07
11 52 13 13-0114 EA 123" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,523.28	514.38
11 52 13 13-0115 EA 141" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,985.06	628.68
11 52 13 13-0116 EA 12' x 24' Electric Projection Screen (Da-Lite Senior Electrol)..... Note: Heavy duty screen for recessed or exposed installation.	14,068.62	857.30
11 52 13 13-0117 EA 45" x 80" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	4,911.68	228.61
11 52 13 13-0118 EA 52" x 92" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,027.11	257.19
11 52 13 13-0119 EA 54" x 96" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,150.37	274.34
11 52 13 13-0120 EA 58" x 104" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,223.70	297.20
11 52 13 13-0121 EA 65" x 116" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,530.19	320.05
11 52 13 13-0122 EA 78" x 139" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	5,954.04	400.07
11 52 13 13-0123 EA 92" x 164" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	7,440.45	514.38
11 52 13 13-0124 EA 106" x 188" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	8,595.55	628.68
11 52 13 13-0125 EA 119" x 212" Electric Projection Screen (Da-Lite Senior Electrol) Note: Heavy duty screen for recessed or exposed installation.	10,434.74	742.99
11 52 13 13-0126 Electric Project Screen, Matte White Or Glass Beaded (Da-Lite Boardroom Electrol) ^(11 52 13 13-0001) Note: In-the-ceiling screen with automatically operated door to conceal screen.		
11 52 13 13-0127 EA 50" x 50" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,820.71	128.59
11 52 13 13-0128 EA 60" x 60" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	4,912.12	142.88
11 52 13 13-0129 EA 70" x 70" Electric Projected Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,016.41	171.46
11 52 13 13-0130 EA 84" x 84" Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,350.20	257.19
11 52 13 13-0131 EA 6' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,413.99	262.91

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 13-0132 EA 8' x 8' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,572.29	285.76
11 52 13 13-0133 EA 7' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,747.71	285.76
11 52 13 13-0134 EA 9' x 9' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	5,900.29	305.77
11 52 13 13-0135 EA 8' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,012.67	320.05
11 52 13 13-0136 EA 10' x 10' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,191.90	342.92
11 52 13 13-0137 EA 9' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,372.56	342.92
11 52 13 13-0138 EA 12' x 12' Electric Projection Screen, Ceiling Mounted (Da-Lite Boardroom Electrol) Note: In-the-ceiling screen with automatically operated door to conceal screen.	6,753.04	457.23
11 52 13 13-0139 Electric Ascending Project Screen, Matte White, Glass Beaded (Da-Lite Ascender Electrol) (11 52 13 13-0001) Note: High contrast matte white, video spectrum or high power. Includes a motorized spring assisted scissors mechanism which raises the screen surface from the housing ensuring smooth operation. A trap door housing keeps the screen and lift mechanism hidden until the screen is activated.		
11 52 13 13-0140 EA 60" x 80" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,005.43	285.76
11 52 13 13-0141 EA 69" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,978.71	342.92
11 52 13 13-0142 EA 87" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,407.73	514.38
11 52 13 13-0143 EA 105" x 140" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	21,922.87	685.83
11 52 13 13-0144 EA 120" x 160" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	24,298.93	800.14
11 52 13 13-0145 EA 52" x 92" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,864.41	285.76
11 52 13 13-0146 EA 58" x 104" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	16,236.51	342.92
11 52 13 13-0147 EA 65" x 116" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	17,179.12	400.07
11 52 13 13-0148 EA 78" x 139" Electric Ascending Projection Screen (Da-Lite Ascender Electrol) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	21,579.94	514.38
11 52 13 13-0149 Electric Rear Projection Screen (Da-Lite DA-View) (11 52 13 13-0001) Note: Consists of a single acrylic layer with rear Fensel lens and lenticulated front profile. Un-framed.		
11 52 13 13-0150 EA 60" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	4,579.16	285.76
11 52 13 13-0151 EA 67" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	5,750.16	314.34
11 52 13 13-0152 EA 72" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	6,587.01	342.92
11 52 13 13-0153 EA 84" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	11,879.26	371.50
11 52 13 13-0154 EA 90" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	13,161.65	12,761.58
11 52 13 13-0155 EA 96" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	14,612.58	457.23
11 52 13 13-0156 EA 100" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	18,736.74	514.38
11 52 13 13-0157 EA 120" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	25,311.38	571.53
11 52 13 13-0158 EA 125" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	28,321.70	628.68
11 52 13 13-0159 EA 135" Diagonal Video Format Rigid Rear Projection Screen (Da-Lite DA-View) Note: Includes a motorized spring assisted scissors mechanism and trap door housing.	37,903.73	685.83
11 52 13 13-0160 Screen Accessories (11 52 13 13-0001)		
11 52 13 13-0161 Manual Pull Down Accessories (11 52 13 13-0160)		
11 52 13 13-0162 EA 6" Mounting Bracket (Pair)	72.37	8.58
11 52 13 13-0163 EA 14" Wall Mounting Bracket (Pair)	103.05	9.14
11 52 13 13-0164 EA 14-1/2" To 24" Adjustable Wall Mounting Bracket (Pair)	121.46	10.29
11 52 13 13-0165 Electric Powered Screen Accessories (11 52 13 13-0160)		
11 52 13 13-0166 EA Single Motor Low Voltage Remote Control System - Infrared	761.76	
11 52 13 13-0167 EA Single Motor Low Voltage Remote Control System - Radio Frequency	1,099.22	
11 52 13 16 Portable Projection Screens (11 52 13)		
11 52 13 16-0001 Projection Screen And Case (11 52 13 16)		
11 52 13 16-0002 EA 9' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,062.24	209.10
11 52 13 16-0003 EA 12' x 12' Spring-Roller Operated Projection Screen (Draper Luma 2)	2,077.83	209.10
11 52 13 16-0004 EA 9' x 9' Non-Tensioned Electric Projection Screen (Draper Targa)	2,167.74	209.10

11 Equipment**11 50 Educational and Scientific Equipment****11 52 Audio-Visual Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 13 16-0005	EA		9' x 12' Non-Tensioned Electric Projection Screen (Draper Targa).....	2,371.91	209.10
11 52 13 16-0006	EA		12' x 12' Non-Tensioned Electric Projection Screen (Draper Targa).....	3,411.08	209.10
11 52 13 16-0007	EA		12' x 16' Non-Tensioned Electric Projection Screen (Draper Targa).....	4,638.94	209.10
11 52 13 16-0008	EA		14' x 14' Non-Tensioned Electric Projection Screen (Draper Targa).....	4,117.95	209.10
11 52 13 16-0009	EA		16' x 16' Non-Tensioned Electric Projection Screen (Draper Targa).....	4,755.81	209.10
11 52 13 16-0010	EA		15' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon).....	7,501.17	209.10
11 52 13 16-0011	EA		20' x 20' Non-Tensioned Electric Projection Screen (Draper Paragon).....	7,937.89	209.10
11 52 13 16-0012	EA		11' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon).....	7,677.07	209.10
11 52 13 16-0013	EA		16'-6" x 22' Non-Tensioned Electric Projection Screen (Draper Paragon).....	7,859.04	209.10
11 52 13 16-0014	EA		22' x 22' Non-Tensioned Electric Projection Screen (Draper Paragon).....	8,047.07	209.10
11 52 13 16-0015	EA		Projection Screen Hanger Assembly Unit.....	184.78	26.14
Note: Includes beam clamp, 1/4" cable tail, 8' long, 3/8" x 6" eye and jaw turnbuckle and #1715 pipe clamp (for 1-1/2" inside diameter pipe batten).					
11 52 16 Projectors (11 52)					
11 52 16 26 Video Projectors (11 52 16)					
11 52 16 26-0001 Projectors (11 52 16 26)					
11 52 16 26-0002	EA		2,000 Lumens Output, 800 x 600 Pixels, SVGA Compact 3LCD Panels Projector.....	1,327.44	57.15
11 52 16 26-0003	EA		2,000 Lumens Output, 1024 x 768 Pixels, XGA Compact 3LCD Panels Projector.....	1,539.74	57.15
11 52 16 26-0004	EA		2,000 Lumens Output, 1280 x 800 Pixels, WXGA Compact 3LCD Panels Projector.....	2,040.15	57.15
11 52 16 26-0005	EA		3,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	3,222.95	57.15
11 52 16 26-0006	EA		3,500 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	3,753.69	57.15
11 52 16 26-0007	EA		3,000 Lumens Output, 1366 x 800 Pixels, WXGA 3LCD Panels Projector.....	4,769.69	57.15
11 52 16 26-0008	EA		4,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	7,590.21	57.15
11 52 16 26-0009	EA		5,200 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	10,289.42	57.15
11 52 16 26-0010	EA		6,000 Lumens Output, 1024 x 768 Pixels, XGA 3LCD Panels Projector.....	15,278.41	57.15
11 52 16 26-0011 Projector Mounts (11 52 16 26)					
11 52 16 26-0012 Universal Projector Mounts (11 52 16 26-0011)					
Note: Includes ceiling or wall mounting hardware and hardware for attaching projector. Excludes projector.					
11 52 16 26-0013	EA		Flush Ceiling, Universal Projector Mount (Peerless PPF).....	282.93	62.85
11 52 16 26-0014	EA		Wall Arm, Universal Projector Mount (Peerless PWA-14).....	471.18	62.85
11 52 16 26-0015 Projector Mount Components (11 52 16 26-0011)					
Note: Includes ceiling attachment plate, threaded extension column and projector attachment plate. Excludes projector.					
11 52 16 26-0016 Ceiling Attachment Plates For Projector Mounts (11 52 16 26-0015)					
11 52 16 26-0017	EA		Finished Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 570).....	101.90	28.56
11 52 16 26-0018	EA		Truss Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 557).....	140.53	28.56
11 52 16 26-0019	EA		I-Beam Ceiling, Attachment Plate For Projector Mounts (Peerless ACC 558/559).....	197.72	28.56
11 52 16 26-0020	EA		Suspended Ceiling, Attachment Plate For Projector Mounts (Peerless CMJ 455).....	244.41	28.56
11 52 16 26-0021 Projector Attachment Plates For Projector Mounts (11 52 16 26-0015)					
11 52 16 26-0022	EA		Universal Projector Attachment Plate For Projector Mounts (Peerless PRG-UNV).....	366.89	28.56
11 52 16 26-0023	EA		High Security Projector Enclosure For Projector Mounts (Peerless ALB).....	817.28	28.56
11 52 16 26-0024 Threaded Extension Columns For Projector Mounts (11 52 16 26-0015)					
11 52 16 26-0025 Fixed Length, Threaded Extension Column For Projector Mounts (11 52 16 26-0024)					
Note: Peerless EXT series.					
11 52 16 26-0026	EA		6" Fixed Length, Threaded Extension Column For Projector Mounts.....	62.42	8.57
11 52 16 26-0027	EA		12" Fixed Length, Threaded Extension Column For Projector Mounts.....	81.48	8.57
11 52 16 26-0028	EA		18" Fixed Length, Threaded Extension Column For Projector Mounts.....	88.63	8.57
11 52 16 26-0029	EA		24" Fixed Length, Threaded Extension Column For Projector Mounts.....	93.39	8.57
11 52 16 26-0030	EA		36" Fixed Length, Threaded Extension Column For Projector Mounts.....	111.02	11.42
11 52 16 26-0031	EA		48" Fixed Length, Threaded Extension Column For Projector Mounts.....	134.85	11.42
11 52 16 26-0032	EA		60" Fixed Length, Threaded Extension Column For Projector Mounts.....	172.97	11.42
11 52 16 26-0033	EA		72" Fixed Length, Threaded Extension Column For Projector Mounts.....	199.19	11.42
11 52 16 26-0034	EA		84" Fixed Length, Threaded Extension Column For Projector Mounts.....	233.49	14.28
11 52 16 26-0035	EA		96" Fixed Length, Threaded Extension Column For Projector Mounts.....	266.85	14.28
11 52 16 26-0036	EA		108" Fixed Length, Threaded Extension Column For Projector Mounts.....	296.40	17.14
11 52 16 26-0037	EA		120" Fixed Length, Threaded Extension Column For Projector Mounts.....	310.70	17.14
11 52 16 26-0038 Adjustable Length, Threaded Extension Columns For Projector Mounts (11 52 16 26-0024)					
Note: Peerless ADJ series. Adjustable at 1" increments.					
11 52 16 26-0039	EA		6" To 9" Adjustable Length, Threaded Extension Column For Projector Mounts.....	128.64	14.28
11 52 16 26-0040	EA		12" To 18" Adjustable Length, Threaded Extension Column For Projector Mounts.....	200.13	14.28
11 52 16 26-0041	EA		18" To 24" Adjustable Length, Threaded Extension Column For Projector Mounts.....	204.90	14.28
11 52 16 26-0042	EA		24" To 36" Adjustable Length, Threaded Extension Column For Projector Mounts.....	212.05	14.28
11 52 16 26-0043	EA		36" To 60" Adjustable Length, Threaded Extension Column For Projector Mounts.....	229.68	17.14
11 52 16 26-0044	EA		48" To 72" Adjustable Length, Threaded Extension Column For Projector Mounts.....	241.59	17.14
11 52 16 26-0045	EA		60" To 84" Adjustable Length, Threaded Extension Column For Projector Mounts.....	267.81	17.14
11 52 16 26-0046	EA		72" To 96" Adjustable Length, Threaded Extension Column For Projector Mounts.....	291.64	17.14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 16 26-0047 EA 84" To 108" Adjustable Length, Threaded Extension Column For Projector Mounts.....	323.56	20.00
11 52 16 26-0048 EA 96" To 120" Adjustable Length, Threaded Extension Column For Projector Mounts.....	347.39	20.00
11 52 16 26-0049 EA 108" To 132" Adjustable Length, Threaded Extension Column For Projector Mounts.....	379.31	22.85
11 52 16 26-0050 EA 120" To 144" Adjustable Length, Threaded Extension Column For Projector Mounts.....	395.99	22.85
11 52 33 Interactive Displays (11 52)		
11 52 33 00-0001 Television Monitors And Panels (11 52 33)		
Note: Excludes wall or ceiling mounts See CSI section 11 52 33 00-0019 for television mounting.		
11 52 33 00-0002 EA 27" HD Television, LCD, 1080 DPI, 60 Hertz.....	677.88	16.44
11 52 33 00-0003 EA 32" HD Television, LCD, 720 DPI, 60 Hertz.....	743.87	18.49
11 52 33 00-0004 EA 32" HD Television, LCD, 1080 DPI, 120 Hertz.....	1,011.69	20.55
11 52 33 00-0005 EA 32" HD Television, LED, 1920x1080 With WI-FI.....	1,021.05	20.55
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0006 EA 40" HD Television, LED, 1920x1080 With WI-FI.....	1,156.50	22.60
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0007 EA 46" HD Television, LED, 1920x1080 With WI-FI.....	1,358.66	24.65
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0008 EA 50" HD Television, LED, 1920x1080 With WI-FI.....	1,694.22	26.71
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0009 EA 55" HD Television, LED, 1920x1080 With WI-FI.....	2,027.73	26.71
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0010 EA 60" HD Television, LED, 1920x1080 With WI-FI.....	2,363.30	28.77
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0011 EA 65" HD Television, LED, 1920x1080 With WI-FI.....	2,865.61	30.83
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0012 EA 75" HD Television, LED, 1920x1080 With WI-FI.....	4,535.19	32.88
Note: Includes 4 - HDMI, 3 - USB, 1 - component input.		
11 52 33 00-0013 EA 46" 3D Television, LED, 1080 DPI, 240 Hertz.....	2,084.52	24.65
11 52 33 00-0014 EA 55" 3D Television, LED, 1080 DPI, 240 Hertz.....	2,910.54	26.71
11 52 33 00-0015 EA 60" 3D Television, LED, 1080 DPI, 240 Hertz.....	3,942.54	28.77
11 52 33 00-0016 EA 65" 3D Television, LED, 1080 DPI, 240 Hertz.....	4,150.59	30.83
11 52 33 00-0017 EA 75" 3D Television, LED, 1080 DPI, 240 Hertz.....	6,210.48	30.83
11 52 33 00-0018 EA 86" Interactive LED Panel (SMARTBOARD SPNL-7086).....	18,932.33	32.88
11 52 33 00-0019 Flat Panel Display Mounting (11 52 33)		
Note: Includes anchors, bolts and hardware. Excludes blocking in walls or ceiling.		
11 52 33 00-0020 EA Swivel Wall Mounts For 10" To 30" Flat Panel Displays.....	393.72	108.83
Note: 2.6" To 16.6" swing arm extension, 12 degrees tilt		
11 52 33 00-0021 EA Premium Swivel Wall Mounts For 23" To 37" Flat Panel Displays.....	619.81	136.03
Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt		
11 52 33 00-0022 EA Swivel Wall Mounts For 32" To 60" Flat Panel Displays.....	634.52	163.24
Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt		
11 52 33 00-0023 EA Swivel Wall Mounts For 32" To 60" Flat Panel Displays With Extra Wide 24" Back Plate.....	678.63	163.24
Note: 4.5" To 20.3" swing arm extension, 15 degrees tilt		
11 52 33 00-0024 EA Swivel Wall Mounts For 32" To 50" Flat Panel Displays.....	678.63	163.24
Note: 4.5" To 26.2" swing arm extension, 15 degrees tilt		
11 52 33 00-0025 EA Full Motion Wall Mounts For 13" To 26" Flat Panel Displays.....	371.71	108.83
Note: 8" Extension		
11 52 33 00-0026 EA Full Motion Wall Mounts For 26" To 40" Flat Panel Displays.....	514.16	136.03
Note: 9.7" Extension		
11 52 33 00-0027 EA Full Motion Wall Mounts For 32" To 56" Flat Panel Displays.....	898.74	163.24
Note: 10.2" Extension		
11 52 33 00-0028 EA Full Motion Wall Mounts For 42" To 84" Flat Panel Displays.....	1,298.99	190.45
Note: 20" Extension		
11 52 33 00-0029 EA Low Profile Tilting Wall Mounts For 26" To 40" Flat Panel Displays.....	470.14	136.03
11 52 33 00-0030 EA Low Profile Tilting Wall Mounts For 32" To 70" Flat Panel Displays.....	558.18	136.03
11 52 33 00-0031 EA Low Profile Tilting Wall Mounts For 75" Flat Panel Displays.....	656.04	163.24
11 52 33 00-0032 EA Low Profile Wall Mounts For 26" To 40" Flat Panel Displays.....	382.09	136.03
11 52 33 00-0033 EA Low Profile Wall Mounts For 40" To 70" Flat Panel Displays.....	448.13	136.03
11 52 33 00-0034 EA Low Profile Wall Mounts For 75" Flat Panel Displays.....	532.45	163.24
11 52 33 00-0035 EA Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 50" Flat Panel Displays, 39" To 63" Extension From Ceiling.....	641.19	217.65
Note: 360 degree rotation, 15 degree tilt.		
11 52 33 00-0036 EA Full Motion (Rotates And Tilts) Ceiling Mounts For 32" To 70" Flat Panel Displays, 18" To 31" Extension From Ceiling.....	764.78	217.65
Note: 360 degree rotation, 15 degree tilt.		
For 28" To 41" Extension Pole, Add		43.06
For 38" To 51" Extension Pole, Add		54.83
For 48" To 61" Extension Pole, Add		62.68
11 52 33 00-0037 EA VMP Full Motion (Rotates And Tilts) Ceiling Mounts For 37" To 80" Flat Panel Displays, 15" To 37" Extension From Ceiling.....	807.94	217.65
Note: 360 degree rotation, 15 degree tilt.		
11 52 33 00-0038 Audio/Video Components (11 52 33)		
11 52 33 00-0039 EA MLC 104 IP Plus MLC - MediaLink™ Controller with IP Link® Ethernet Control, White (Extron Electronics #60-818-03).....	1,554.78	81.62
11 52 33 00-0040 EA MLC 226 IP Enhanced MLC - MediaLink™ Controller with IP Link® Ethernet Control, Black (Extron Electronics #60-600-02).....	2,116.50	81.62
11 52 33 00-0041 EA MPA 152 MPA 152 - Stereo Power Amplifier (Extron Electronics #60-844-01).....	475.70	27.21
11 52 33 00-0042 EA MPA 401-70 Volt, 70 Volt Mono Power Amplifier - 40 Watt (Extron Electronics #60-845-01).....	552.30	27.21

11 Equipment

11 50 Educational and Scientific Equipment

11 52 Audio-Visual Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 52 33 00-0043	EA		MLS 406 Six Input MLS - MediaLink™ Switcher with Variable Preamp Audio Output Variable Preamp Audio Output (Extron Electronics #60-560-01)	2,247.50	108.83
11 52 33 00-0044	EA		MLS 406MA Six Input MLS - MediaLink™ Switcher with Mono Audio Amplifier Mono Audio Amplifier (Extron Electronics #60-560-02).....	2,502.83	108.83
11 52 33 00-0045	EA		MLS 406SA Six Input MLS - MediaLink™ Switcher with Stereo Audio Amplifier Stereo Audio Amplifier (Extron Electronics #60-560-03).....	2,502.83	108.83
11 52 33 00-0046	EA		Wall Plate VGA 3.5 RJ-45 Passthru (Liberty Cable #PC-G1600-E-P-C)	157.07	13.61
11 52 33 00-0047	EA		DVD/VCR Combo (Toshiba #SD V296)	160.56	
11 52 33 00-0048	EA		DVD/VCR Combo (Toshiba #SD V392).....	162.77	
11 52 33 00-0049	EA		DVDr/VCR Combo (Toshiba #DVR620)	299.23	
11 52 33 00-0050	EA		DVDr/VCR Combo (Toshiba #DVR670)	411.49	
11 52 33 00-0051	EA		9-1/2" Depth, Universal Rack Shelf Kit (Extron RSU 129)	314.02	

11 52 33 00-0052 Audio/Video Cabling (11 52 33)

11 52 33 00-0053	EA		HDMI M-M Pro/3 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-03).....	41.02	
11 52 33 00-0054	EA		HDMI M-M Pro/6 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-06)	60.17	
11 52 33 00-0055	EA		HDMI M-M Pro/12 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-12)	89.98	
11 52 33 00-0056	EA		HDMI M-M Pro/25 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-25)	187.36	
11 52 33 00-0057	EA		HDMI M-M Pro/35 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-35).....	263.96	
11 52 33 00-0058	EA		HDMI M-M Pro/50 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-50)	362.44	
11 52 33 00-0059	EA		HDMI M-M Pro/75 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-75)	496.48	
11 52 33 00-0060	EA		HDMI M-M Pro/100 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-100).....	611.38	
11 52 33 00-0061	EA		HDMI M-M Pro/125 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-125).....	729.00	
11 52 33 00-0062	EA		HDMI M-M Pro/150 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-150)	805.60	
11 52 33 00-0063	EA		HDMI M-M Pro/175 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-175).....	961.51	
11 52 33 00-0064	EA		HDMI M-M Pro/200 High Performance HDMI Male to Male Cables (Extron Electronics #26-650-200).....	1,155.72	
11 52 33 00-0065	EA		DVI-D/3 Single Link Male to Male Cables (Extron Electronics #26-649-03).....	41.02	
11 52 33 00-0066	EA		DVI-D/6 Single Link Male to Male Cables (Extron Electronics #26-649-06).....	60.17	
11 52 33 00-0067	EA		DVI-D/12 Single Link Male to Male Cables (Extron Electronics #26-649-12).....	89.98	
11 52 33 00-0068	EA		DVI-D/25 Single Link Male to Male Cables (Extron Electronics #26-649-25).....	187.36	
11 52 33 00-0069	EA		DVI-D/35 Single Link Male to Male Cables (Extron Electronics #26-649-35).....	263.96	
11 52 33 00-0070	EA		DVI-D/50 Single Link Male to Male Cables (Extron Electronics #26-649-50).....	362.43	
11 52 33 00-0071	EA		DVI-D/75 Single Link Male to Male Cables (Extron Electronics #26-649-75).....	496.47	
11 52 33 00-0072	EA		DVI-D/100 Single Link Male to Male Cables (Extron Electronics #26-649-100).....	611.37	
11 52 33 00-0073	EA		DVI-D/125 Single Link Male to Male Cables (Extron Electronics #26-649-125).....	729.00	
11 52 33 00-0074	EA		DVI-D/150 Single Link Male to Male Cables (Extron Electronics #26-649-150).....	805.60	
11 52 33 00-0075	EA		DVI-D/175 Single Link Male to Male Cables (Extron Electronics #26-649-175).....	961.51	
11 52 33 00-0076	EA		DVI-D/200 Single Link Male to Male Cables (Extron Electronics #26-649-200).....	1,155.72	
11 52 33 00-0077	EA		AV RCA/6 RCA Male to Male Composite Video and Stereo Audio Cables 6' (Extron Electronics #26-643-06)	18.04	
11 52 33 00-0078	EA		AV RCA/20 RCA Male to Male Composite Video and Stereo Audio Cables 20' (Extron Electronics #26-643-20)	28.42	
11 52 33 00-0079	EA		VGA M-M MD/3 Male to Male VGA Molded Connector Cables 3' (Extron Electronics #26-238-14)	21.87	
11 52 33 00-0080	EA		VGA M-M MD/6 Male to Male VGA Molded Connector Cables 6' (Extron Electronics #26-238-01)	23.78	
11 52 33 00-0081	EA		VGA M-M MD/10 Male to Male VGA Molded Connector Cables 10' (Extron Electronics #26-238-07)	32.53	
11 52 33 00-0082	EA		VGA M-M MD/15 Male to Male VGA Molded Connector Cables 15' (Extron Electronics #26-238-02)	38.28	
11 52 33 00-0083	EA		VGA M-M MD/25 Male to Male VGA Molded Connector Cables 25' (Extron Electronics #26-238-03)	60.97	
11 52 33 00-0084	EA		VGA M-M MD/35 Male to Male VGA Molded Connector Cables 35' (Extron Electronics #26-238-17)	85.87	
11 52 33 00-0085	EA		VGA M-M MD/50 Male to Male VGA Molded Connector Cables 50' (Extron Electronics #26-238-18)	113.49	
11 52 33 00-0086	EA		VGA M-M MD/75 Male to Male VGA Molded Connector Cables 75' (Extron Electronics #26-238-19)	151.79	
11 52 33 00-0087	EA		VGA M-M MD/100 Male to Male VGA Molded Connector Cables 100' (Extron Electronics #26-238-20)	190.09	
11 52 33 00-0088	EA		VGA M-M BK/3 Male to Male VGA Backshell Connector Cables 3' (Extron Electronics #26-238-24)	31.44	
11 52 33 00-0089	EA		VGA M-M BK/6 Male to Male VGA Backshell Connector Cables 6' (Extron Electronics #26-238-25)	33.36	
11 52 33 00-0090	EA		VGA M-M BK/10 Male to Male VGA Backshell Connector Cables 10' (Extron Electronics #26-238-26)	42.11	
11 52 33 00-0091	EA		VGA M-M BK/15 Male to Male VGA Backshell Connector Cables 15' (Extron Electronics #26-238-27)	51.68	
11 52 33 00-0092	EA		VGA M-M BK/25 Male to Male VGA Backshell Connector Cables 25' (Extron Electronics #26-238-28)	72.46	
11 52 33 00-0093	EA		VGA M-M BK/35 Male to Male VGA Backshell Connector Cables 35' (Extron Electronics #26-238-16)	97.36	
11 52 33 00-0094	EA		VGA M-M BK/50 Male to Male VGA Backshell Connector Cables 50' (Extron Electronics #26-238-04)	132.64	
11 52 33 00-0095	EA		VGA M-M BK/75 Male to Male VGA Backshell Connector Cables 75' (Extron Electronics #26-238-05)	170.94	
11 52 33 00-0096	EA		VGA M-M BK/100 Male to Male VGA Backshell Connector Cables 100' (Extron Electronics #26-238-06)	218.82	
11 52 33 00-0097	EA		A Mini/2 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-01).....	6.55	
11 52 33 00-0098	EA		A Mini/9 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-03).....	8.46	
11 52 33 00-0099	EA		A Mini/12 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-06).....	10.38	
11 52 33 00-0100	EA		A Mini/25 3.5 mm Stereo Audio Male to Male Stereo Audio Cables (Extron Electronics #26-571-07).....	14.21	

11 53 Laboratory Equipment (11 50)

11 53 13 Laboratory Fume Hoods (11 53)

11 53 13 11 General Laboratory Fume Hoods (11 53 13)

11 53 13 11-0001 Fume Hoods (Kewaunee Scientific) (11 53 13 11)

11 53 13 11-0002 General Purpose Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H05) (11 53 13 11-0001)

11 53 13 11-0003	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5448-00)	9,702.56	
Note: Includes material and installation					
11 53 13 11-0004	EA		4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5448-00).....	10,316.35	
Note: Includes material and installation					

Equipment	11	↑
Educational and Scientific Equipment	11 50	
Laboratory Equipment	11 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53	13	11-0005	EA 4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5448-00)..... Note: Includes material and installation	13,238.56	
11 53	13	11-0006	EA 4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5448-00)..... Note: Includes material and installation	9,147.85	
11 53	13	11-0007	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5460-00)..... Note: Includes material and installation	10,480.29	
11 53	13	11-0008	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5460-00)..... Note: Includes material and installation	11,094.08	
11 53	13	11-0009	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5460-00)..... Note: Includes material and installation	14,039.16	
11 53	13	11-0010	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5460-00)..... Note: Includes material and installation	9,742.59	
11 53	13	11-0011	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5472-00)..... Note: Includes material and installation	10,097.14	
11 53	13	11-0012	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5472-00)..... Note: Includes material and installation	11,911.84	
11 53	13	11-0013	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5472-00)..... Note: Includes material and installation	14,725.40	
11 53	13	11-0014	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5472-00)..... Note: Includes material and installation	10,682.34	
11 53	13	11-0015	EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H05G5496-00)..... Note: Includes material and installation	13,751.33	
11 53	13	11-0016	EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H05K5496-00)..... Note: Includes material and installation	16,174.11	
11 53	13	11-0017	EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H05S5496-00)..... Note: Includes material and installation	19,031.50	
11 53	13	11-0018	EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H05T5496-00)..... Note: Includes material and installation	12,676.23	
11 53	13	11-0019	EA 4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5448B00)..... Note: Includes material and installation	9,853.15	
11 53	13	11-0020	EA 4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5448B00)..... Note: Includes material and installation	10,468.85	
11 53	13	11-0021	EA 4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5448B00)..... Note: Includes material and installation	13,394.87	
11 53	13	11-0022	EA 4' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5448B00)..... Note: Includes material and installation	9,306.07	
11 53	13	11-0023	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5460B00)..... Note: Includes material and installation	10,653.75	
11 53	13	11-0024	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5460B00)..... Note: Includes material and installation	11,271.36	
11 53	13	11-0025	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5460B00)..... Note: Includes material and installation	14,208.81	
11 53	13	11-0026	EA 5' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5460B00)..... Note: Includes material and installation	9,914.15	
11 53	13	11-0027	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5472B00)..... Note: Includes material and installation	11,482.95	
11 53	13	11-0028	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5472B00)..... Note: Includes material and installation	12,092.93	
11 53	13	11-0029	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5472B00)..... Note: Includes material and installation	14,906.48	
11 53	13	11-0030	EA 6' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5472B00)..... Note: Includes material and installation	10,869.15	
11 53	13	11-0031	EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H05G5496B00)..... Note: Includes material and installation	13,953.38	
11 53	13	11-0032	EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H05K5496B00)..... Note: Includes material and installation	16,360.91	
11 53	13	11-0033	EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H05S5496B00)..... Note: Includes material and installation	19,235.46	

11	11 Equipment
	11 50 Educational and Scientific Equipment
	11 53 Laboratory Equipment



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0034 EA 8' Wide, General Purpose Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H05T5496B00)..... Note: Includes material and installation	12,878.29	
11 53 13 11-0035 Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific H07) (11 53 13 11-0001)		
11 53 13 11-0036 EA 4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5448B00)..... Note: Includes material and installation	11,132.21	
11 53 13 11-0037 EA 4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5448B00)..... Note: Includes material and installation	11,744.10	
11 53 13 11-0038 EA 4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5448B00)..... Note: Includes material and installation	14,672.02	
11 53 13 11-0039 EA 4' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5448B00)..... Note: Includes material and installation	10,581.32	
11 53 13 11-0040 EA 5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5460B00)..... Note: Includes material and installation	12,216.84	
11 53 13 11-0041 EA 5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5460B00)..... Note: Includes material and installation	12,834.44	
11 53 13 11-0042 EA 5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5460B00)..... Note: Includes material and installation	15,777.62	
11 53 13 11-0043 EA 5' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5460B00)..... Note: Includes material and installation	11,482.95	
11 53 13 11-0044 EA 6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5472B00)..... Note: Includes material and installation	13,137.53	
11 53 13 11-0045 EA 6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5472B00)..... Note: Includes material and installation	13,751.33	
11 53 13 11-0046 EA 6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5472B00)..... Note: Includes material and installation	16,564.88	
11 53 13 11-0047 EA 6' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5472B00)..... Note: Includes material and installation	12,521.83	
11 53 13 11-0048 EA 8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H07G5496B00)..... Note: Includes material and installation	16,105.48	
11 53 13 11-0049 EA 8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H07K5496B00)..... Note: Includes material and installation	16,713.56	
11 53 13 11-0050 EA 8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H07S5496B00)..... Note: Includes material and installation	21,381.85	
11 53 13 11-0051 EA 8' Wide, Combination Sash Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H07T5496B00)..... Note: Includes material and installation	15,036.11	
11 53 13 11-0052 ADA Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H08) (11 53 13 11-0001)		
11 53 13 11-0053 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5448-00)..... Note: Includes material and installation	9,795.96	
11 53 13 11-0054 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5448-00)..... Note: Includes material and installation	10,421.20	
11 53 13 11-0055 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5448-00)..... Note: Includes material and installation	13,135.62	
11 53 13 11-0056 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5448-00)..... Note: Includes material and installation	9,239.35	
11 53 13 11-0057 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5460-00)..... Note: Includes material and installation	10,571.79	
11 53 13 11-0058 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5460-00)..... Note: Includes material and installation	11,103.62	
11 53 13 11-0059 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5460-00)..... Note: Includes material and installation	14,022.01	
11 53 13 11-0060 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5460-00)..... Note: Includes material and installation	9,835.99	
11 53 13 11-0061 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H08G5472-00)..... Note: Includes material and installation	11,391.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0062 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H08K5472-00)..... Note: Includes material and installation	12,186.34	
11 53 13 11-0063 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H08S5472-00)..... Note: Includes material and installation	15,432.60	
11 53 13 11-0064 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H08T5472-00)..... Note: Includes material and installation	10,775.75	
11 53 13 11-0065 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By- Pass (Kewaunee Scientific H08G5448B00)..... Note: Includes material and installation	9,946.55	
11 53 13 11-0066 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5448B00)..... Note: Includes material and installation	10,600.38	
11 53 13 11-0067 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5448B00)..... Note: Includes material and installation	13,370.09	
11 53 13 11-0068 EA 4' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5448B00)..... Note: Includes material and installation	9,397.57	
11 53 13 11-0069 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By- Pass (Kewaunee Scientific H08G5460B00)..... Note: Includes material and installation	10,749.06	
11 53 13 11-0070 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5460B00)..... Note: Includes material and installation	11,296.14	
11 53 13 11-0071 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5460B00)..... Note: Includes material and installation	14,275.53	
11 53 13 11-0072 EA 5' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5460B00)..... Note: Includes material and installation	10,003.74	
11 53 13 11-0073 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By- Pass (Kewaunee Scientific H08G5472B00)..... Note: Includes material and installation	11,576.35	
11 53 13 11-0074 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H08K5472B00)..... Note: Includes material and installation	12,397.92	
11 53 13 11-0075 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H08S5472B00)..... Note: Includes material and installation	15,708.99	
11 53 13 11-0076 EA 6' Wide, ADA Bench Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H08T5472B00)..... Note: Includes material and installation	10,960.65	
11 53 13 11-0077 ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash (Kewaunee Scientific H09) <small>(11 53 13 11-0001)</small>		
11 53 13 11-0078 EA 4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5448B00)..... Note: Includes material and installation	13,351.02	
11 53 13 11-0079 EA 4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5448B00)..... Note: Includes material and installation	14,515.71	
11 53 13 11-0080 EA 4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5448B00)..... Note: Includes material and installation	18,457.73	
11 53 13 11-0081 EA 4' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5448B00)..... Note: Includes material and installation	12,800.13	
11 53 13 11-0082 EA 5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5460B00)..... Note: Includes material and installation	14,433.75	
11 53 13 11-0083 EA 5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5460B00)..... Note: Includes material and installation	15,545.06	
11 53 13 11-0084 EA 5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5460B00)..... Note: Includes material and installation	19,797.79	
11 53 13 11-0085 EA 5' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5460B00)..... Note: Includes material and installation	13,697.95	
11 53 13 11-0086 EA 6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H09G5472B00)..... Note: Includes material and installation	15,354.44	
11 53 13 11-0087 EA 6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H09K5472B00)..... Note: Includes material and installation	16,745.97	
11 53 13 11-0088 EA 6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H09S5472B00)..... Note: Includes material and installation	21,360.88	
11 53 13 11-0089 EA 6' Wide, ADA Bench Fume Hood With Combination Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H09T5472B00)..... Note: Includes material and installation	14,742.55	

11	11 Equipment
	11 50 Educational and Scientific Equipment
	11 53 Laboratory Equipment



MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
11 53 13 11-0090		Isotope Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H20) <small>(11 53 13 11-0001)</small>			
11 53 13 11-0091	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5448-00)..... Note: Includes material and installation	20,133.28		
11 53 13 11-0092	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5460-00)..... Note: Includes material and installation	22,346.38		
11 53 13 11-0093	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5472-00)..... Note: Includes material and installation	23,575.88		
11 53 13 11-0094	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H20S5496-00)..... Note: Includes material and installation	31,879.29		
11 53 13 11-0095	EA	4' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5448B00)..... Note: Includes material and installation	20,302.94		
11 53 13 11-0096	EA	5' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5460B00)..... Note: Includes material and installation	22,516.03		
11 53 13 11-0097	EA	6' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5472B00)..... Note: Includes material and installation	23,756.97		
11 53 13 11-0098	EA	8' Wide, Isotope Bench Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H20S5496B00)..... Note: Includes material and installation	32,083.25		
11 53 13 11-0099		Perchloric Acid Bench Fume Hood With Vertical Rising Sash (Kewaunee Scientific H25) <small>(11 53 13 11-0001)</small>			
11 53 13 11-0100	EA	4' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5448-00)..... Note: Includes material and installation	26,597.21		
11 53 13 11-0101	EA	5' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5460-00)..... Note: Includes material and installation	26,688.71		
11 53 13 11-0102	EA	6' Wide, Perchloric Acid Bench Fume Hood With Vertical Rising Sash, Type 316 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H25L5472-00)..... Note: Includes material and installation	29,609.00		
11 53 13 11-0103		HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash (Kewaunee Scientific HOPEC) <small>(11 53 13 11-0001)</small>			
11 53 13 11-0104	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5448B00)..... Note: Includes material and installation	13,798.98		
11 53 13 11-0105	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5448B00)..... Note: Includes material and installation	14,414.68		
11 53 13 11-0106	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5448B00)..... Note: Includes material and installation	17,338.80		
11 53 13 11-0107	EA	4' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5448B00)..... Note: Includes material and installation	13,244.28		
11 53 13 11-0108	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5460B00)..... Note: Includes material and installation	15,041.82		
11 53 13 11-0109	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5460B00)..... Note: Includes material and installation	15,657.53		
11 53 13 11-0110	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5460B00)..... Note: Includes material and installation	18,598.79		
11 53 13 11-0111	EA	5' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5460B00)..... Note: Includes material and installation	14,306.03		
11 53 13 11-0112	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5472B00)..... Note: Includes material and installation	16,069.27		
11 53 13 11-0113	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5472B00)..... Note: Includes material and installation	16,679.25		
11 53 13 11-0114	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5472B00)..... Note: Includes material and installation	19,496.61		
11 53 13 11-0115	EA	6' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5472B00)..... Note: Includes material and installation	15,451.66		
11 53 13 11-0116	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific HOPG5496B00)..... Note: Includes material and installation	20,930.08		
11 53 13 11-0117	EA	8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPK5496B00)..... Note: Includes material and installation	21,543.87		

Equipment	11	↑
Educational and Scientific Equipment	11 50	
Laboratory Equipment	11 53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53	13	11-0118	EA 8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific HOPS5496B00)..... Note: Includes material and installation	26,208.34	
11 53	13	11-0119	EA 8' Wide, HOPEC Style Bench Fume Hood With Vertical Rising/Horizontal Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific HOPT5496B00)..... Note: Includes material and installation	19,856.89	
11 53 13 11-0120 General Purpose Walk-In Fume Hood With Vertical Rising Sash (Kewaunee Scientific H30) <small>(11 53 13 11-0001)</small>					
11 53	13	11-0121	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9048-00)..... Note: Includes material and installation	20,272.44	
11 53	13	11-0122	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9048-00)..... Note: Includes material and installation	20,878.61	
11 53	13	11-0123	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9048-00)..... Note: Includes material and installation	25,977.69	
11 53	13	11-0124	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9048-00)..... Note: Includes material and installation	19,044.84	
11 53	13	11-0125	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9060-00)..... Note: Includes material and installation	21,602.96	
11 53	13	11-0126	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9060-00)..... Note: Includes material and installation	22,216.76	
11 53	13	11-0127	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9060-00)..... Note: Includes material and installation	28,844.62	
11 53	13	11-0128	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9060-00)..... Note: Includes material and installation	20,200.00	
11 53	13	11-0129	EA 6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9072-00)..... Note: Includes material and installation	22,923.96	
11 53	13	11-0130	EA 6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9072-00)..... Note: Includes material and installation	23,532.04	
11 53	13	11-0131	EA 6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9072-00)..... Note: Includes material and installation	30,909.03	
11 53	13	11-0132	EA 6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9072-00)..... Note: Includes material and installation	22,367.35	
11 53	13	11-0133	EA 8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Open By-Pass (Kewaunee Scientific H30G9096-00)..... Note: Includes material and installation	29,263.98	
11 53	13	11-0134	EA 8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Open By-Pass (Kewaunee Scientific H30K9096-00)..... Note: Includes material and installation	29,881.59	
11 53	13	11-0135	EA 8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Open By-Pass (Kewaunee Scientific H30S9096-00)..... Note: Includes material and installation	40,072.14	
11 53	13	11-0136	EA 8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Open By-Pass (Kewaunee Scientific H30T9096-00)..... Note: Includes material and installation	27,813.36	
11 53	13	11-0137	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9048B00)..... Note: Includes material and installation	20,428.75	
11 53	13	11-0138	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9048B00)..... Note: Includes material and installation	21,031.10	
11 53	13	11-0139	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9048B00)..... Note: Includes material and installation	26,134.00	
11 53	13	11-0140	EA 4' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9048B00)..... Note: Includes material and installation	19,199.25	
11 53	13	11-0141	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9060B00)..... Note: Includes material and installation	21,776.43	
11 53	13	11-0142	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9060B00)..... Note: Includes material and installation	22,388.32	
11 53	13	11-0143	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9060B00)..... Note: Includes material and installation	29,019.99	
11 53	13	11-0144	EA 5' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9060B00)..... Note: Includes material and installation	20,375.37	
11 53	13	11-0145	EA 6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9072B00)..... Note: Includes material and installation	23,106.96	

11 Equipment**11 50 Educational and Scientific Equipment****11 53 Laboratory Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0146	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9072B00) Note: Includes material and installation	23,716.94	
11 53 13 11-0147	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9072B00) Note: Includes material and installation	31,093.93	
11 53 13 11-0148	EA	6' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9072B00) Note: Includes material and installation	22,554.16	
11 53 13 11-0149	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Fiberglass Reinforced Polyester Liner, Restricted By-Pass (Kewaunee Scientific H30G9096B00) Note: Includes material and installation	29,460.32	
11 53 13 11-0150	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Modified Epoxy Resin Liner, Restricted By-Pass (Kewaunee Scientific H30K9096B00) Note: Includes material and installation	30,079.84	
11 53 13 11-0151	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Type 304 Stainless Steel Liner, Restricted By-Pass (Kewaunee Scientific H30S9096B00) Note: Includes material and installation	40,268.48	
11 53 13 11-0152	EA	8' Wide, General Purpose Walk-In Fume Hood With Vertical Rising Sash, Phenolic Resin Liner, Restricted By-Pass (Kewaunee Scientific H30T9096B00) Note: Includes material and installation	28,013.52	
11 53 13 11-0153		Stand Alone, TruView® Teaching Hoods (Kewaunee Scientific T90) <small>(11 53 13 11-0001)</small>		
11 53 13 11-0154	EA	4' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3048-SA) Note: Includes material and installation	16,524.85	
11 53 13 11-0155	EA	5' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3060-SA) Note: Includes material and installation	18,837.07	
11 53 13 11-0156	EA	6' Wide, Stand Alone, Single Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M3072-SA) Note: Includes material and installation	20,415.40	
11 53 13 11-0157	EA	4' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6048-SA) Note: Includes material and installation	29,166.77	
11 53 13 11-0158	EA	5' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6060-SA) Note: Includes material and installation	33,400.44	
11 53 13 11-0159	EA	6' Wide, Stand Alone, Double Sided Hood Structure, TruView® Teaching Hoods (Kewaunee Scientific T90M6072-SA) Note: Includes material and installation	35,531.57	
11 53 13 11-0160		Options For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small>		
11 53 13 11-0161	EA	Single Point Adjustable Baffles (Kewaunee Scientific Option C) Note: Includes material and installation	440.33	
11 53 13 11-0162	EA	Fire Extinguisher (Kewaunee Scientific Option E) Note: Includes material and installation	1,906.20	
11 53 13 11-0163	EA	Stainless Steel Lower Deflector Vane (Kewaunee Scientific Option O) Note: Includes material and installation	316.43	
11 53 13 11-0164	EA	4' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-48B) Note: Includes material and installation	1,298.12	
11 53 13 11-0165	EA	5' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-60B) Note: Includes material and installation	1,517.34	
11 53 13 11-0166	EA	6' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-72B) Note: Includes material and installation	1,749.89	
11 53 13 11-0167	EA	8' Wide, Black Epoxy Resin Worksurface (Kewaunee Scientific 019243-96B) Note: Includes material and installation	2,264.57	
11 53 13 11-0168	EA	4' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-48B) Note: Includes material and installation	1,298.12	
11 53 13 11-0169	EA	5' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-60B) Note: Includes material and installation	1,517.34	
11 53 13 11-0170	EA	6' Wide, Black Epoxy Resin Worksurface For ADA Fume Hood (Kewaunee Scientific 020126-72B) Note: Includes material and installation	1,749.89	
11 53 13 11-0171	EA	4' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-48B) Note: Includes material and installation	1,298.12	
11 53 13 11-0172	EA	5' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-60B) Note: Includes material and installation	1,517.34	
11 53 13 11-0173	EA	6' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-72B) Note: Includes material and installation	1,749.89	
11 53 13 11-0174	EA	8' Wide, Black Epoxy Resin Worksurface For HOPEC Fume Hood (Kewaunee Scientific 020128-96B) Note: Includes material and installation	2,264.57	
11 53 13 11-0175	EA	4' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-48B) Note: Includes material and installation	1,355.31	
11 53 13 11-0176	EA	5' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-60B) Note: Includes material and installation	1,584.05	
11 53 13 11-0177	EA	6' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-72B) Note: Includes material and installation	1,831.86	
11 53 13 11-0178	EA	8' Wide, Black Epoxy Resin Worksurface For Walk-In Fume Hood (Kewaunee Scientific 019250-96B) Note: Includes material and installation	2,371.31	
11 53 13 11-0179	EA	Black Poly Cupsink (Kewaunee Scientific 0491-BP) Note: Includes material and installation	169.65	
11 53 13 11-0180	EA	Stainless Steel Cupsink (Kewaunee Scientific 0950-0F) Note: Includes material and installation	1,595.49	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0181	EA	Air Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3A-I)..... Note: Includes material and installation	608.08	
11 53 13 11-0182	EA	Gas Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3G-I) Note: Includes material and installation	608.08	
11 53 13 11-0183	EA	Vacuum Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0860-3V-I) Note: Includes material and installation	608.08	
11 53 13 11-0184	EA	Steam Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3S-I) Note: Includes material and installation	678.61	
11 53 13 11-0185	EA	Cold Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3W-I) Note: Includes material and installation	678.61	
11 53 13 11-0186	EA	Distilled Water Service Fitting, Panel Flange With Angle Serrated Hose Connector (Kewaunee Scientific W-0861-3D-I) Note: Includes material and installation	1,006.47	
11 53 13 11-0187	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0864-3WV-I) Note: Includes material and installation	1,029.35	
11 53 13 11-0188	EA	Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0864-3WVA-I) Note: Includes material and installation	1,056.03	
11 53 13 11-0189	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 27-3/4" Long Handle (Kewaunee Scientific W-0868-3WV-I) Note: Includes material and installation	1,639.33	
11 53 13 11-0190	EA	Hot And Cold Water Service Fitting, Gooseneck With Vacuum Breaker, 12-1/2" Long Handle (Kewaunee Scientific W-0868-3WVA-I) Note: Includes material and installation	1,702.24	
11 53 13 11-0191		Base Cabinets For Fume Hoods (Kewaunee Scientific) (11 53 13 11-0001)		
11 53 13 11-0192	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3724-0) Note: Includes material and installation	1,193.28	
11 53 13 11-0193	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3730-0) Note: Includes material and installation	1,454.43	
11 53 13 11-0194	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3736-0) Note: Includes material and installation	1,530.68	
11 53 13 11-0195	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3748-0) Note: Includes material and installation	1,580.24	
11 53 13 11-0196	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G08M3760-0) Note: Includes material and installation	1,725.11	
11 53 13 11-0197	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3624-0) Note: Includes material and installation	1,193.28	
11 53 13 11-0198	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3630-0) Note: Includes material and installation	1,454.43	
11 53 13 11-0199	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3636-0) Note: Includes material and installation	1,542.12	
11 53 13 11-0200	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3648-0) Note: Includes material and installation	1,580.24	
11 53 13 11-0201	EA	60" Long x 35-3/4" High x 22" Deep, Double Door, Fume Hood Wood Base Cabinet (Kewaunee Scientific G08H3660-0) Note: Includes material and installation	1,725.11	
11 53 13 11-0202	EA	15" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3115-0) Note: Includes material and installation	1,200.91	
11 53 13 11-0203	EA	18" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3118-0) Note: Includes material and installation	1,271.44	
11 53 13 11-0204	EA	21" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3121-0) Note: Includes material and installation	1,326.72	
11 53 13 11-0205	EA	24" Long x 30" High x 22" Deep, Single Door, Fume Hood Steel Base Cabinet (Kewaunee Scientific G00M3124-0) Note: Includes material and installation	1,343.87	
11 53 13 11-0206	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3724-01) Note: Includes material and installation	2,905.05	
11 53 13 11-0207	EA	30" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3730-01) Note: Includes material and installation	3,839.09	
11 53 13 11-0208	EA	36" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3736-01) Note: Includes material and installation	4,012.55	
11 53 13 11-0209	EA	48" Long x 35-3/4" High x 22" Deep, Double Door, Solvent Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G68M3748-01) Note: Includes material and installation	4,584.41	
11 53 13 11-0210	EA	24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3724-0) Note: Includes material and installation	2,296.97	

11 Equipment**11 50 Educational and Scientific Equipment****11 53 Laboratory Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0211	EA		30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3730-0) Note: Includes material and installation	2,668.68	
11 53 13 11-0212	EA		36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3736-0) Note: Includes material and installation	2,714.43	
11 53 13 11-0213	EA		48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3748-0) Note: Includes material and installation	2,874.55	
11 53 13 11-0214	EA		60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Steel Base Cabinet (Kewaunee Scientific G80M3760-0) Note: Includes material and installation	3,149.04	
11 53 13 11-0215	EA		24" Long x 35-3/4" High x 22" Deep, Single Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3724-0) Note: Includes material and installation	2,068.23	
11 53 13 11-0216	EA		30" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3730-0) Note: Includes material and installation	2,340.81	
11 53 13 11-0217	EA		36" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3736-0) Note: Includes material and installation	2,434.22	
11 53 13 11-0218	EA		48" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3748-0) Note: Includes material and installation	2,588.62	
11 53 13 11-0219	EA		60" Long x 35-3/4" High x 22" Deep, Double Door, Acid Storage Fume Hood Wood Base Cabinet (Kewaunee Scientific G80H3760-0) Note: Includes material and installation	2,788.77	
11 53 13 11-0220			Filters And Housing For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small>		
11 53 13 11-0221	EA		Painted CRS Filter Housing (Kewaunee Scientific X-016869) Note: Includes material and installation	1,883.33	
11 53 13 11-0222	EA		Stainless Steel Filter Housing (Kewaunee Scientific X-016868) Note: Includes material and installation	21,976.58	
11 53 13 11-0223	EA		High Efficiency Filter (Kewaunee Scientific 0864-00) Note: Includes material and installation	1,883.33	
11 53 13 11-0224	EA		Charcoal Absorber (Kewaunee Scientific 0855-00) Note: Includes material and installation	21,976.58	
11 53 13 11-0225	EA		Prefilter (Kewaunee Scientific 0863-00) Note: Includes material and installation	141.06	
11 53 13 11-0226			Centrifugal Fans For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small>		
11 53 13 11-0227	EA		1/4 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0902-T1) Note: Includes material and installation	5,083.84	
11 53 13 11-0228	EA		1/3 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0903-T1) Note: Includes material and installation	5,224.89	
11 53 13 11-0229	EA		1/2 HP, Single-Phase, 9" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-0905-T1) Note: Includes material and installation	5,295.42	
11 53 13 11-0230	EA		3/4 HP, Single-Phase, 10" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1008-T1) Note: Includes material and installation	5,854.89	
11 53 13 11-0231	EA		1 HP, Single-Phase, 13" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1310-T1) Note: Includes material and installation	6,414.36	
11 53 13 11-0232	EA		1-1/2 HP, Single-Phase, 14-1/2" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1415-T1) Note: Includes material and installation	9,198.37	
11 53 13 11-0233	EA		2 HP, Single-Phase, 16-1/8" Outlet, Centrifugal Fume Hood Fan (Kewaunee Scientific HFS-1620-T1) Note: Includes material and installation	11,982.37	
11 53 13 11-0234			Exhaust Stacks And Adapters For Fume Hoods (Kewaunee Scientific) <small>(11 53 13 11-0001)</small>		
11 53 13 11-0235	EA		6-9/16" Diameter x 99-1/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	846.35	
11 53 13 11-0236	EA		8-1/16" Diameter x 97-7/8" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	928.32	
11 53 13 11-0237	EA		9-11/16" Diameter x 92-1/2" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	945.48	
11 53 13 11-0238	EA		10-13/16" Diameter x 91-1/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,040.79	
11 53 13 11-0239	EA		11-11/16" Diameter x 90-3/4" Long, Cold Rolled Steel Stackhead (Kewaunee Scientific HES-0909-00) Note: Includes material and installation	1,145.70	
11 53 13 11-0240	EA		6-9/16" Diameter x 10-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-0912-00) Note: Includes material and installation	1,212.34	
11 53 13 11-0241	EA		8-1/16" Diameter x 11-13/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1012-00) Note: Includes material and installation	1,319.09	
11 53 13 11-0242	EA		9-11/16" Diameter x 13-5/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1312-00) Note: Includes material and installation	1,446.81	
11 53 13 11-0243	EA		10-13/16" Diameter x 14-11/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1412-00) Note: Includes material and installation	1,519.24	
11 53 13 11-0244	EA		11-11/16" Diameter x 16-15/16" Diameter Outlet Adapter (Kewaunee Scientific HOA-1612-00) Note: Includes material and installation	1,547.83	
11 53 13 11-0245	EA		11-15/16" Diameter x 9-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1209-00) Note: Includes material and installation	939.76	
11 53 13 11-0246	EA		11-15/16" Diameter x 10-1/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1210-00) Note: Includes material and installation	970.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 53 13 11-0247	EA		11-15/16" Diameter x 13-5/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1213-00) Note: Includes material and installation	989.32	
11 53 13 11-0248	EA		11-15/16" Diameter x 14-9/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1214-00) Note: Includes material and installation	1,029.35	
11 53 13 11-0249	EA		11-15/16" Diameter x 16-3/16" Diameter Inlet Adapter (Kewaunee Scientific HIA-1216-00) Note: Includes material and installation	1,115.13	
11 53 13 11-0250			Biological Fume Hoods And Cabinets <small>(11 53 13 11)</small> Note: VWR scientific or approved equal. VWR model number listed for reference. Equipment set in place and final connections. Excludes piping, ductwork and electrical rough-ins. Other accepted manufactures: NuAire, Forma and Baker or equal.		
11 53 13 11-0251			Purifier® Logic® Class II, Type A2 Biosafety Cabinets (VWR 9700) <small>(11 53 13 11-0250)</small> Note: Includes two high efficiency particulate air (HEPA) filters, fluorescent lighting, UV lamp, 8" or 10" sash, LCD information center and service fixtures. Excludes base stand.		
11 53 13 11-0252	EA		3' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	17,980.36	1,052.32
11 53 13 11-0253	EA		4' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	20,019.20	1,052.32
11 53 13 11-0254	EA		5' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	23,742.24	1,192.51
11 53 13 11-0255	EA		6' Width, Purifier® Logic® Class II, Type A2 Biosafety Cabinet (VWR 9700).....	25,090.79	1,192.51
11 53 13 11-0256			Base Stands For Purifier® Logic® Biosafety Cabinets (VWR) <small>(11 53 13 11-0250)</small> Note: ADA compliant. Includes epoxy coating.		
11 53 13 11-0257	EA		3' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	1,545.93	154.36
11 53 13 11-0258	EA		4' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	1,695.87	196.46
11 53 13 11-0259	EA		5' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	1,809.62	238.56
11 53 13 11-0260	EA		6' Width, Base Stand For Purifier® Logic® Biosafety Cabinet (VWR).....	2,007.94	280.66
11 53 39			Laboratory Cooling Chillers <small>(11 53)</small>		
11 53 39 00-0001			Recirculating Chiller <small>(11 53 39)</small>		
11 53 39 00-0002	EA		Recirculating Chiller With Pump 1 HP, 115 Volt, 60 Hertz (Thermo Scientific NESLAB Thermoflex 1400).....	8,848.84	
11 53 39 00-0003	EA		Recirculating Chiller With Pump 2 HP, 115 Volt, 60 Hertz (Thermo Scientific NESLAB Thermoflex 1400).....	9,728.66	
11 53 39 00-0004	EA		Recirculating Chiller With Pump 1 HP, 208 Volt, 60 Hertz (Thermo Scientific NESLAB Thermoflex 2500).....	10,450.99	
11 53 39 00-0005	EA		Recirculating Chiller With Pump 2 HP, 208 Volt, 60 Hertz (Thermo Scientific NESLAB Thermoflex 2500).....	11,330.81	
11 60			Entertainment and Recreation Equipment <small>(11)</small>		
11 61			Broadcast, Theater, and Stage Equipment <small>(11 60)</small>		
11 61 23			Folding and Portable Stages <small>(11 61)</small>		
11 61 23 00-0001			Roll Out Stage, Steel Frame, Wood Floor <small>(11 61 23)</small>		
11 61 23 00-0002	SF		Roll Out Stage, Manual With Steel Frame And Wood Floor.....	110.98	5.75
11 61 23 00-0003	SF		Roll Out Stage, Electric With Steel Frame And Wood Floor.....	152.93	6.54
11 61 23 00-0004			Portable Stages, With Steps, Folding Legs, Stock Design <small>(11 61 23)</small> Note: A heavy-gauge steel frame supports the solid plywood deck. Supports 200 pounds per square foot and folds to less than two inches high for storage and transport.		
11 61 23 00-0005	SF		Portable Stage, 8" High Hardwood Deck With Steps And Folding Legs.....	37.32	2.06
11 61 23 00-0006	SF		Portable Stage, 16" High Hardwood Deck With Steps And Folding Legs.....	41.08	2.26
11 61 23 00-0007	SF		Portable Stage, 24" High Hardwood Deck With Steps And Folding Legs.....	42.56	2.47
11 61 23 00-0008	SF		Portable Stage, 32" High Hardwood Deck With Steps And Folding Legs.....	43.85	2.57
11 61 23 00-0009	SF		Portable Stage, 48" High Hardwood Deck With Steps And Folding Legs.....	47.05	2.74
11 61 23 00-0010			Telescoping Platforms, Aluminum <small>(11 61 23)</small>		
11 61 23 00-0011	SF		Telescoping Platforms, Aluminum Straight, Minimum.....	125.77	4.93
11 61 23 00-0012	SF		Telescoping Platforms, Aluminum Straight.....	147.64	4.93
11 61 23 00-0013	SF		Telescoping Platforms, Aluminum Pie Shaped, Minimum.....	147.65	8.22
11 61 23 00-0014	SF		Telescoping Platforms, Aluminum Pie Shaped.....	174.99	8.22
11 61 23 00-0015			Band Risers, Steel Frame, Plywood Deck <small>(11 61 23)</small>		
11 61 23 00-0016	SF		8" High Band Risers, Steel Frame Wood Deck.....	50.58	2.06
11 61 23 00-0017	SF		12" High Band Risers, Steel Frame Wood Deck.....	54.13	2.06
11 61 23 00-0018	SF		16" High Band Risers, Steel Frame Wood Deck.....	56.89	2.06
11 61 23 00-0019	SF		24" High Band Risers, Steel Frame Wood Deck.....	60.51	2.06
11 61 23 00-0020			Chairs For Risers, Self Storing <small>(11 61 23)</small>		
11 61 23 00-0021	EA		Chairs For Risers, Self Storing.....	128.43	4.11
11 66			Athletic Equipment <small>(11 60)</small>		
11 66 13			Exercise Equipment <small>(11 66)</small>		

11 Equipment**11 60 Entertainment and Recreation Equipment****11 66 Athletic Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 13 00-0001			Fitness Systems <small>(11 66 13)</small>		
11 66 13 00-0002			Components For Physical Fitness Activities <small>(11 66 13 00-0001)</small>		
11 66 13 00-0003	EA		Sit And Reach	1,475.06	103.26
11 66 13 00-0004	EA		Isometric Squat	549.49	41.31
11 66 13 00-0005	EA		Log Jump	3,581.06	165.21
11 66 13 00-0006	EA		Step Up	799.48	82.60
11 66 13 00-0007	EA		Hip Rotation	3,936.17	144.57
11 66 13 00-0008	EA		Body Curl	1,451.37	82.60
11 66 13 00-0009	EA		Horizontal Ladder	4,761.51	165.21
11 66 13 00-0010	EA		Chin Up	3,598.68	165.21
11 66 13 00-0011	EA		Push Up	2,200.16	82.60
11 66 13 00-0012	EA		Leg Raise	3,075.61	123.91
11 66 13 00-0013	EA		Log Hop	1,395.19	41.31
11 66 13 00-0014	EA		Parallel Bar	2,956.69	123.91
11 66 13 00-0015	EA		Leg Stretch	1,239.94	82.60
11 66 13 00-0016	EA		Balance Beam	1,114.96	61.95
11 66 13 00-0017	EA		Log Roll	3,536.43	103.26
11 66 13 00-0018			Wall Mounted Equipment <small>(11 66 13)</small>		
11 66 13 00-0019	SET		Parallel Bars, Wall Mounted	4,780.93	598.42
11 66 13 00-0020	EA		Exercise Ladder, Wall Mounted	3,609.03	12.47
11 66 13 00-0021	EA		3'-6" Wide Chin Up Bar, Wall Mounted	374.53	24.93
11 66 13 00-0022	EA		10" Wide Chin Up Bar, Wall Mounted	745.06	37.40
11 66 23			Gymnasium Equipment <small>(11 66)</small>		
11 66 23 13			Basketball Equipment <small>(11 66 23)</small>		
11 66 23 13-0001			Basketball Equipment <small>(11 66 23 13)</small>		
11 66 23 13-0002	EA		4' To 6' Extention, Wall Mounted, Stationary Basketball Backstop System With 54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 312F46)	4,072.58	897.62
			Note: Includes rim and net.		
			For Glass Backstop, Add	500.00	
			For Fiberglass Backstop, Add	200.00	
11 66 23 13-0003	EA		6' Ceiling Mounted Basketball Backstop Wood, Fixed Type, With Support Structure	6,533.24	897.62
			Note: Includes rim and net.		
			For Glass Backstop, Add	500.00	
			For Fiberglass Backstop, Add	200.00	
11 66 23 13-0004	EA		Ceiling Mounted Basketball Backstop Wood, Swing-up Type (Either Forward Or Backward), With Support Structure	7,987.19	1,196.83
			Note: Includes rim and net.		
			For Glass Backstop, Add	500.00	
			For Electrically Operated, Add	2,246.04	
			For Fiberglass Backstop, Add	200.00	
11 66 23 13-0005	EA		72" x 42" x 1/2", Center-Strut® Rectangular Glass Backboard (Porter Athletic 00208-00)	1,856.40	249.34
			Note: For indoor use. Includes fully tempered glass.		
11 66 23 13-0006	EA		48" Recreational Backboard Pad (Porter Athletic 00324-648)	264.29	24.93
11 66 23 13-0007	EA		54" Recreational Backboard Pad (Porter Athletic 00324-654)	294.23	29.92
11 66 23 13-0008	EA		72" Recreational Backboard Pad (Porter Athletic 00324-672)	318.85	34.91
11 66 23 13-0009	EA		Anti-Whip, Nylon Cord Basketball Net (Porter Athletic 09608-120)	34.68	9.97
11 66 23 23			Volleyball Equipment <small>(11 66 23)</small>		
11 66 23 23-0001	EA		Economy End Upright Padding, Each, Wrap Around Pads Only	831.70	62.51
			Note: Porter Athletic model # 717-003.		
11 66 23 23-0002	EA		Net Tension Cover Pads, 1 Pair	187.13	14.07
			Note: Porter Athletic model # 00816-003.		
11 66 23 23-0003	EA		32' L x 39" H Power Volleyball Net	613.38	46.10
			Note: Porter Athletic model # 02255-000.		
11 66 23 23-0004	EA		White Polyester Reinforced Boundary Markers, One Pair	108.47	4.49
			Note: Porter Athletic model # 02297-000.		
11 66 23 23-0005	EA		Power-Line Net Antenna, One Pair	375.03	9.48
			Note: Porter Athletic model # 02296-100.		
11 66 23 23-0006	EA		32' x 39" Power-Line Competition Volleyball Net	694.56	44.88
			Note: Porter Athletic model # 02295-640.		
11 66 23 23-0007	EA		Competition Center Standard Padding, Standard Red	683.97	19.95
			Note: Porter Athletic model # 00839-103.		
			For Colors Other Than Standard Red, Add	22.00	
			Note: Includes sky blue, royal blue, white, orange, yellow, beige, gray, maroon, purple, black, navy, kelly green, dark green.		
11 66 23 23-0008	EA		Judge's Stand, Attaches To Standard	1,372.18	49.87
			Note: Porter Athletic model # 00889-100.		
11 66 23 23-0009	EA		Judge's Stand Padding	976.71	24.93
			Note: Porter Athletic model # 00993-103.		
			For Colors Other Than Standard Red, Add	30.00	
			Note: Includes sky blue, royal blue, white, orange, yellow, beige, gray, maroon, purple, black, navy, kelly green, dark green.		
11 66 23 23-0010	EA		Power-Line Aluminum Uprights, One Pair	3,974.67	49.87
			Note: Porter Athletic model # 01991-000.		
11 66 23 23-0011	EA		2-3/8" Round Ground/Floor Sleeve	228.91	4.49
			Note: Porter Athletic model # 00402-000.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 66 23 23-0012 EA 3-1/2" Round Ground/Floor Sleeve..... Note: Porter Athletic model # 00403-000.	265.56	4.49
11 66 23 23-0013 EA 4" Round Ground/Floor Sleeve..... Note: Porter Athletic model # 00404-000.	286.51	4.49
11 66 23 53 Wall Padding <small>(11 66 23)</small>		
11 66 23 53-0001 Gymnasium Wall Padding <small>(11 66 23 53)</small>		
Note: Includes wall padding, 7/16" thick oriented strand board backing with or without nailing strip, vinyl cover and mounting screws. Excludes removable wall attachment fittings. See CSI section 11 66 23 53-0008 for wall attachment fittings.		
11 66 23 53-0002 SF 2" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe).....	16.18	1.88
Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.		
<i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>		
	5.56	
11 66 23 53-0003 SF 3" Thick, Non-Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter DuraSafe).....	21.74	2.08
Note: Includes cutting and re-upholstering wall pads to accommodate existing, e.g., lights, outlets, switches, grilles, fire alarm, etc.		
<i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>		
	5.56	
11 66 23 53-0004 SF 2" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe).....	25.25	1.88
<i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>		
	5.56	
11 66 23 53-0005 SF 3" Thick, NFPA 286 Fire Rated, Gymnasium Wall Padding (Porter FireSafe).....	39.63	2.08
<i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>		
	5.56	
11 66 23 53-0006 SF 2" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe).....	32.31	1.88
<i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>		
	5.56	
11 66 23 53-0007 SF 3" Thick, NFPA 286 Fire Rated, ASTM F2440-04 Impact Rating, Gymnasium Wall Padding (Porter SuperSafe).....	48.07	2.08
<i>For Furring Strip Installation (Vinyl Wrapped At Ends), Add</i>		
	5.56	
11 66 23 53-0008 Gymnasium Wall Padding Accessories <small>(11 66 23 53)</small>		
11 66 23 53-0009 LF "Z" Wall/Panel Attachment Clips For Wall Pads.....	9.92	2.74
Note: Extruded aluminum. Typically requires two clips mounted to wall and two clips mounted to panel for a 6' high wall pad.		
11 66 23 53-0010 LF Molding Channel Wall Attachment For Wall Pads.....	15.26	2.74
Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Can be used with "Z" clip to secure top of pad.		
11 66 23 53-0011 LF Floor Molding Channel Wall Attachment For Wall Pads.....	15.94	2.74
Note: Extruded aluminum. Accepts 1" lip of wall pad at bottom of pad. Provides contoured molding strip from panel to the floor.		
11 66 23 53-0012 EA Single Or Double Gang Molded Inserts For Electrical Outlets For Wall Pads.....	52.24	
11 66 43 Interior Scoreboards <small>(11 66)</small>		
11 66 43 00-0001 Scoreboards And Shot Clocks <small>(11 66 43)</small>		
11 66 43 00-0002 EA 8' x 3' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2700).....	5,218.55	326.48
Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.		
<i>For Scoreboard Only, No Controls, Deduct</i>		
	-321.00	
<i>For Control Carrying Case, Add</i>		
	59.00	
<i>For Wireless Controls, Add</i>		
	902.23	
11 66 43 00-0003 EA 8' x 6' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2750).....	7,610.39	544.13
Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.		
<i>For Scoreboard Only, No Controls, Deduct</i>		
	-321.00	
<i>For Control Carrying Case, Add</i>		
	59.00	
<i>For Wireless Controls, Add</i>		
	902.23	
11 66 43 00-0004 EA 12' x 8' x 8", Multi-Sport LED Scoreboard With Wired Controls (Nevco Model 2760).....	11,958.30	652.96
Note: For basketball, volleyball or wrestling. Includes horn and controls. Excludes wire to controls.		
<i>For Scoreboard Only, No Controls, Deduct</i>		
	-321.00	
<i>For Control Carrying Case, Add</i>		
	59.00	
<i>For Wireless Controls, Add</i>		
	902.23	
11 66 43 00-0005 EA 9' Long x 5' High x 4" Deep Indoor Multi-Sport Scoreboard (Fair-Play BB-1620-4).....	8,981.65	544.13
11 66 43 00-0006 EA 1.66' Long x 1.41' High x 6.5" Deep Shot Clock Set (Fair-Play ST-1410-4).....	3,737.11	217.65
Note: Set includes two shot clocks.		
11 66 53 Gymnasium Dividers <small>(11 66)</small>		
11 66 53 11 Gymnasium Dividers <small>(11 66 53)</small>		
11 66 53 11-0001 Gymnasium Dividers <small>(11 66 53 11)</small>		
11 66 53 11-0002 SF Gym Divider, Manual Mesh Top And Vinyl Bottom.....	7.79	1.15
11 66 53 11-0003 SF Gym Divider, Electric Roll Up Mesh Top And Vinyl Bottom.....	13.80	1.15
11 68 Play Field Equipment and Structures <small>(11 68)</small>		
11 68 13 Playground Equipment <small>(11 68)</small>		
See CSI section 32 31 13 13-0001 for augering holes and fill for posts.		
11 68 13 00-0001 Standalone Playground Equipment <small>(11 68 13)</small>		
11 68 13 00-0002 Ground Socket For Movable Posts <small>(11 68 13 00-0001)</small>		
11 68 13 00-0003 PR Ground Socket For 2-3/8" Post For Playground Equipment.....	280.86	55.77
11 68 13 00-0004 PR Ground Socket For 3-1/2" Post For Playground Equipment.....	442.66	55.77

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
11 68 13 00-0005		See-Saws (11 68 13 00-0001)			
11 68 13 00-0006		Steel See-Saw (11 68 13 00-0005)			
11 68 13 00-0007	EA	2 Unit Steel See-Saw.....	2,414.66		343.24
11 68 13 00-0008	EA	4 Unit Steel See-Saw.....	3,968.68		405.62
11 68 13 00-0009	EA	6 Unit Steel See-Saw.....	5,528.31		495.77
11 68 13 00-0010		14' Long Laminated Beam (11 68 13 00-0005)			
11 68 13 00-0011	EA	Beam Is Supported By Two 12 In x 12 In Stepping Column Posts.....	2,622.68		303.50
11 68 13 00-0012	EA	Beam Is Supported By Two 8 In x 8 In Posts.....	1,800.68		270.36
11 68 13 00-0013		Slides (11 68 13 00-0001)			
11 68 13 00-0014	EA	8' Long x 4' High Slide With Stainless Steel Bed.....	3,050.51		392.48
11 68 13 00-0015	EA	12' Long x 6' High Slide With Stainless Steel Bed.....	4,260.33		557.74
11 68 13 00-0016	EA	16' Long x 8' High Slide With Stainless Steel Bed.....	4,717.32		619.71
11 68 13 00-0017	EA	20' Long x 10' High Slide With Stainless Steel Bed.....	5,977.82		686.47
11 68 13 00-0018	EA	6' High, 360 Degree One Piece Molded Polyethylene Slide.....	21,254.19		1,079.86
11 68 13 00-0019	EA	7' High, 360 Degree Slide, Stainless Steel Bed.....	19,419.83		1,113.99
11 68 13 00-0020	EA	9' High, 360 Degree Slide, Stainless Steel Bed.....	24,544.57		1,170.84
11 68 13 00-0021		Whirlers (11 68 13 00-0001)			
11 68 13 00-0022	EA	8' Diameter Whirler.....	6,568.77		743.65
11 68 13 00-0023	EA	10' Diameter Whirler.....	7,617.32		892.39
11 68 13 00-0024		Other Standalone Playground Equipment (11 68 13 00-0001)			
11 68 13 00-0025		Miscellaneous Standalone Playground Equipment (11 68 13 00-0024)			
11 68 13 00-0026	EA	Horizontal Ladder.....	2,119.09		198.67
11 68 13 00-0027	EA	Tether Ball Post.....	356.07		38.83
11 68 13 00-0028	PR	10'-6" Long Multiple Purpose Post.....	539.90		68.66
11 68 13 00-0029	EA	3-Person Fiberglass Golf Tee Shelter Turntable.....	9,603.67		194.01
11 68 13 00-0030	EA	Horizontal Turning Bars, 1 Bar.....	666.38		103.67
11 68 13 00-0031	EA	Horizontal Turning Bars, 2 Bars.....	905.56		123.91
11 68 13 00-0032	EA	Horizontal Turning Bars, 3 Bars.....	1,221.54		165.21
11 68 13 00-0033	EA	Horizontal Turning Bars, 5 Bars.....	1,790.99		227.17
11 68 13 00-0034	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 8' Pole.....	1,922.81		94.59
11 68 13 00-0035	EA	Top Goal Opening With 4 Exit Holes (One Each Side) And 10' Pole.....	2,117.64		102.10
11 68 13 00-0036	EA	Coil Spring With Single Riding Aluminum Saddle Devices.....	2,068.90		109.46
11 68 13 00-0037	EA	"C" Spring With Single Riding Aluminum Saddle Devices.....	2,163.59		94.17
11 68 13 00-0038	EA	Rubber Spring With Single Riding Aluminum Saddle Devices.....	2,661.28		123.33
11 68 13 00-0039	EA	Coil Spring Assembly Only.....	520.66		45.35
11 68 13 00-0040	EA	"C" Spring Assembly Only.....	345.93		30.23
11 68 13 00-0041	EA	Rubber Spring Assembly Only.....	253.35		58.98
11 68 13 00-0042	EA	Footbuck Assembly Only.....	89.89		7.93
11 68 13 00-0043	EA	Two Seat, Two Spring Action Cars (4'-8" x 2'-8").....	2,355.25		113.42
11 68 13 00-0044		Freestanding Panels (11 68 13 00-0024)			
		Note: Rotomolded polyethylene.			
11 68 13 00-0045	EA	Tic-Tac-Toe Panel.....	1,002.81		48.57
11 68 13 00-0046	EA	24" Bubble Panel.....	1,502.25		72.78
11 68 13 00-0047	EA	Fire Engine Panel.....	2,204.60		106.81
11 68 13 00-0048	EA	Flat Mirror Panel.....	1,763.68		85.50
11 68 13 00-0049	EA	Wavy Mirror Panel.....	2,610.40		126.56
11 68 13 00-0050	EA	Paint Time Panel.....	1,693.44		82.11
11 68 13 00-0051	EA	Phone Time Panel.....	1,201.80		58.23
11 68 13 00-0052	EA	Phone Time With Graphic Panel.....	1,201.80		58.23
11 68 13 00-0053	EA	Race Time Panel.....	2,107.05		102.10
11 68 13 00-0054	EA	Rescue 911 Panel.....	2,138.76		102.10
11 68 13 00-0055	EA	Eastern/Central/Western States Panel.....	1,151.08		55.76
11 68 13 00-0056	EA	Career People Panel.....	1,307.15		63.36
11 68 13 00-0057	EA	Solar System Panel.....	1,307.15		63.36
11 68 13 00-0058	EA	Animals Panel.....	1,307.15		63.36
11 68 13 00-0059		Freestanding Panels Uprights (11 68 13 00-0024)			
11 68 13 00-0060	EA	3-1/2" Outside Diameter End Panel Upright.....	308.16		27.26
11 68 13 00-0061	EA	3-1/2" Outside Diameter 90 Degree Upright.....	333.85		29.49
11 68 13 00-0062	EA	3-1/2" Outside Diameter 180 Degree Upright.....	333.85		29.49
11 68 13 00-0063	EA	3-1/2" Outside Diameter "T-Shaped" Upright.....	355.25		31.39
11 68 13 00-0064		Coasters (11 68 13 00-0024)			
11 68 13 00-0065	EA	12' Single Metal Coaster With Four Posts.....	7,768.56		330.43
11 68 13 00-0066	EA	18' Single Metal Coaster With Four Posts.....	8,676.35		413.03
11 68 13 00-0067	EA	12' Double Metal Coaster With Four Posts.....	12,575.87		495.64
11 68 13 00-0068	EA	18' Double Metal Coaster With Four Posts.....	14,287.92		619.55

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0069 Climbers <small>(11 68 13 00-0024)</small>		
11 68 13 00-0070 EA Tower Climber, 3.17' Diameter x 7.25' High.....	1,384.75	220.72
11 68 13 00-0071 EA Arch Climber, 2' x 12' x 4.5' High	1,256.84	270.29
11 68 13 00-0072 EA Arch Climber, 2' x 15' x 5.83' High	1,369.91	220.72
11 68 13 00-0073 EA Arch Climber, 2' x 17' x 6.58' High	1,476.98	270.29
11 68 13 00-0074 EA Rainbow Climber, 2' x 10'-5" x 4' High	1,586.31	220.48
11 68 13 00-0075 EA Rainbow Climber, 2' x 10'-5" x 5' High	1,784.52	220.56
11 68 13 00-0076 EA Rainbow Climber, 2' x 12'-5" x 6' High	2,088.22	220.56
11 68 13 00-0077 EA Rainbow Climber, 2' x 15'-4" x 7' High	2,286.76	220.48
11 68 13 00-0078 EA Double Level Arch Climber, 6' Wide x 12'-6" x 6' High Upper Section / 5' High Lower Section	2,761.05	258.14
11 68 13 00-0079 EA 12' Long Horizontal Ladder Climber	2,252.70	192.77
11 68 13 00-0080 EA 14' Long Horizontal Ladder Climber	2,286.10	192.77
11 68 13 00-0081 EA 16' Long Horizontal Ladder Climber	2,507.30	192.77
11 68 13 00-0082 EA Bell Climber, 7'-5" High With Double Bars	2,341.49	247.82
11 68 13 00-0083 EA 2-Way Climber	1,961.54	198.67
11 68 13 00-0084 EA 4-Way Climber	3,162.29	198.67
11 68 13 00-0085 Swings <small>(11 68 13 00-0001)</small>		
11 68 13 00-0086 Two-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail <small>(11 68 13 00-0085)</small>		
Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0087 EA 8' High Top Rail, One Section Two Seats.....	1,819.27	303.50
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	212.95	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	246.07	
11 68 13 00-0088 EA 8' High Top Rail, Two Sections Four Seats	2,912.01	434.29
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	342.31	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	401.14	
11 68 13 00-0089 EA 8' High Top Rail, Three Sections, Six Seats	4,026.70	639.05
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	472.90	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	552.46	
11 68 13 00-0090 EA 8' High Top Rail, Four Sections, Eight Seats	5,052.11	743.65
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	594.32	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	698.16	
11 68 13 00-0091 EA 10' High Top Rail, One Section Two Seats.....	1,947.22	303.50
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	228.94	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	268.46	
11 68 13 00-0092 EA 10' High Top Rail, Two Section Four Seats	3,036.32	462.55
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	355.78	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	412.56	
11 68 13 00-0093 EA 10' High Top Rail, Three Sections, Six Seats	4,183.72	718.28
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	488.75	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	561.07	
11 68 13 00-0094 EA 10' High Top Rail, Four Sections, Eight Seats	5,554.95	867.60
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	650.97	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	755.13	
11 68 13 00-0095 Three-Leg-End Swings, 2-3/8" Diameter Galvanized Steel Top Rail <small>(11 68 13 00-0085)</small>		
Note: Legs, 1-7/8" diameter, traditional.		
11 68 13 00-0096 EA 8' High Top Rail, One Section, Two Seats.....	2,104.21	268.05
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	249.62	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	301.22	
11 68 13 00-0097 EA 8' High Top Rail, Two Sections, Four Seats	3,054.15	388.93
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	362.32	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	437.25	
11 68 13 00-0098 EA 8' High Top Rail, Three Sections, Six Seats	4,074.21	520.15
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	483.27	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	582.95	
11 68 13 00-0099 EA 8' High Top Rail, Four Sections, Eight Seats	5,101.09	619.71
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	606.65	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	737.74	
11 68 13 00-0100 EA 10' High Top Rail, One Section, Two Seats.....	2,373.04	302.09
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	281.53	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	339.77	
11 68 13 00-0101 EA 10' High Top Rail, One Section Three Seats	2,482.09	320.35
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	295.00	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	358.07	
11 68 13 00-0102 EA 10' High Top Rail, Two Sections, Four Seats	3,312.46	422.89
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	392.91	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	473.95	
11 68 13 00-0103 EA 10' High Top Rail, Two Sections, Six Seats.....	3,999.98	487.51
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	476.77	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	583.87	
11 68 13 00-0104 EA 10' High Top Rail, Three Section, Six Seats	4,409.39	562.62
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	523.04	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	630.98	
11 68 13 00-0105 EA 10' High Top Rail, Three Sections, Nine Seats	5,518.67	619.96
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	658.84	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	810.82	
11 68 13 00-0106 EA 10' High Top Rail, Four Section, Eight Seats	5,582.53	743.65
For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add	660.63	
For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add	790.99	

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0107	EA		12' High Top Rail, One Section Three Seats <i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	2,598.23 309.15 376.53	328.11
11 68 13 00-0108	EA		12' High Top Rail, Two Sections, Six Seats <i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	4,228.62 503.43 614.27	527.92
11 68 13 00-0109	EA		12' High Top Rail, Three Sections, Nine Seats <i>For Extra Heavy Duty, 3-1/2" Outside Diameter Top Pipe With 2-3/8" Outside Diameter Support Pipe, Add</i> <i>For Contemporary Design With 2-3/8" Outside Diameter Support Pipe, Add</i>	6,127.99 724.68 865.83	845.53
11 68 13 00-0110			Swing Accessories <small>(11 68 13 00-0085)</small>		
11 68 13 00-0111	EA		Enclosed Tot Seat With Chain And Hardware	634.78	24.88
11 68 13 00-0112	EA		Bucket Seat With Chain And Hardware	527.71	20.69
11 68 13 00-0113	EA		Belt Seat With Chain And Hardware	562.13	22.09
11 68 13 00-0114	EA		Seat With Chain And Hardware	554.48	21.77
11 68 13 00-0115	EA		Wide Seat With Chain And Hardware	585.29	22.99
11 68 13 00-0116	EA		Handi Seat With Chain And Hardware	1,747.55	68.58
11 68 13 00-0117	LF		0.4 LB/LF Replacement Chain	7.22	0.49
11 68 13 00-0118	LF		1 LB/LF Replacement Chain	13.40	0.98
11 68 13 00-0119	EA		Swing Hanger Replacement	78.36	5.66
11 68 13 00-0120			Tetherball <small>(11 68 13 00-0001)</small>		
11 68 13 00-0121	EA		Tetherball Standard And Ball	551.96	43.08
11 68 13 00-0122			Playground Equipment (Landscape Structures®) <small>(11 68 13)</small>		
			Note: Excludes excavation and concrete footings.		
11 68 13 00-0123			Playground Equipment (Landscape Structures® PlayShaper®) <small>(11 68 13 00-0122)</small>		
			Note: Ages 2 to 5 years.		
11 68 13 00-0124	EA		El Slide, 32" Deck (Landscape Structures® PlayShaper® 111323A)	2,972.81	112.17
11 68 13 00-0125	EA		SpyroSlide, 56" Height, 48" Deck (Landscape Structures® PlayShaper® 143480A)	7,487.59	420.62
11 68 13 00-0126	EA		Tunnel Slide, 40" Deck (Landscape Structures® PlayShaper® 128952A)	3,100.69	112.17
11 68 13 00-0127	EA		Double Wave Poly Slide, 48" Deck (Landscape Structures® PlayShaper® 123336A)	3,532.12	168.25
11 68 13 00-0128	EA		Double Swirl Slide, 48" Deck (Landscape Structures® PlayShaper® 130798A)	2,993.22	168.25
11 68 13 00-0129	EA		Double Poly Slide, 32" Deck (Landscape Structures® PlayShaper® 132155A)	2,379.10	112.17
11 68 13 00-0130	EA		Double Poly Slide, 40" To 48" Deck (Landscape Structures® PlayShaper® 132155B)	2,643.99	112.17
11 68 13 00-0131	EA		Lava Run Slide, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137967A)	2,022.87	112.17
11 68 13 00-0132	EA		32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426A)	5,739.80	336.49
11 68 13 00-0133	EA		40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426B)	6,634.93	336.49
11 68 13 00-0134	EA		48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayShaper® 133426C)	7,155.57	336.49
11 68 13 00-0135	EA		Curved Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 123339A)	2,048.15	56.08
11 68 13 00-0136	EA		Single Poly Slide, 40" Deck (Landscape Structures® PlayShaper® 133668A)	2,068.54	112.17
11 68 13 00-0137	EA		32" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117A)	2,737.47	168.25
11 68 13 00-0138	EA		40" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117B)	3,057.16	168.25
11 68 13 00-0139	EA		48" Deck, SlideWinder2 (Landscape Structures® PlayShaper® 132117C)	3,413.38	168.25
11 68 13 00-0140	EA		Critter Canyon Climber, 30" Or 32" Deck (Landscape Structures® PlayShaper® 137966A)	1,968.07	112.17
11 68 13 00-0141	EA		Thunderhead Climber, 48" Deck-To-Ground (Landscape Structures® PlayShaper® 139911A)	8,228.51	448.66
11 68 13 00-0142	EA		Step Deck Climber, 16" Deck (Landscape Structures® PlayShaper® 119981A)	1,136.88	112.17
11 68 13 00-0143	EA		Loop Ladder Climber, 40" Or 48" Deck (Landscape Structures® PlayShaper® 111364A)	1,216.95	56.08
11 68 13 00-0144	EA		Loop Arch Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 139262A)	1,821.45	140.20
11 68 13 00-0145	EA		32" Deck, Block Climber (Landscape Structures® PlayShaper® 135547A)	2,829.87	196.29
11 68 13 00-0146	EA		40" Deck, Block Climber (Landscape Structures® PlayShaper® 135547B)	3,313.97	196.29
11 68 13 00-0147	EA		32" - 40" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023A)	3,109.82	112.17
11 68 13 00-0148	EA		48" Deck, Cozy Climber (Landscape Structures® PlayShaper® 132023B)	3,347.30	112.17
11 68 13 00-0149	EA		1-Step, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021A)	1,511.37	112.17
11 68 13 00-0150	EA		2-Steps, With Permalene Barriers, Deck Links (Landscape Structures® PlayShaper® 153021B)	1,767.12	112.17
11 68 13 00-0151	EA		16" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346A)	791.69	46.73
11 68 13 00-0152	EA		24" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346B)	1,464.63	84.12
11 68 13 00-0153	EA		32" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346C)	2,195.59	214.98
11 68 13 00-0154	EA		40" Deck, Pod Climber (Landscape Structures® PlayShaper® 135346D)	2,597.48	214.98
11 68 13 00-0155	EA		32" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327A)	2,342.56	112.17
11 68 13 00-0156	EA		40" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327B)	4,958.78	112.17
11 68 13 00-0157	EA		48" Deck, Step Ladder (Landscape Structures® PlayShaper® 111327C)	3,484.31	112.17
11 68 13 00-0158	EA		32" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284A)	1,070.23	140.20
11 68 13 00-0159	EA		40" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284B)	1,101.40	140.20
11 68 13 00-0160	EA		48" Deck, Wiggle Ladder (Landscape Structures® PlayShaper® 123284C)	1,155.60	140.20
11 68 13 00-0161	EA		Overhead Events Horizontal Ladder, 16" Deck (Landscape Structures® PlayShaper® 129967A)	1,188.48	28.04
11 68 13 00-0162	EA		Overhead Events Horizontal Ladder End Panel, Without Posts (Landscape Structures® PlayShaper® 129968A)	430.36	28.04
11 68 13 00-0163	EA		Conical Climber, 40" Deck (Landscape Structures® PlayShaper® 143200A)	4,219.77	196.29
11 68 13 00-0164	EA		ABC Climber, 32" - 48" Deck (Landscape Structures® PlayShaper® 152432A)	2,197.06	140.20
11 68 13 00-0165	EA		Mini Summit Climber, 40" And 48" Decks (Landscape Structures® PlayShaper® 153077A)	1,350.69	46.73
11 68 13 00-0166	EA		Arch Bridge, 42" Long (Landscape Structures® PlayShaper® 111348A)	2,669.26	56.08
11 68 13 00-0167	EA		Phase Kit (Landscape Structures® PlayShaper® 116098A)	364.93	35.33
11 68 13 00-0168	EA		Belt Bridge With Permalene Barriers, 42" Long (Landscape Structures® PlayShaper® 131956A)	2,066.41	56.08
11 68 13 00-0169	EA		8" Deck-To-Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 111413A)	806.98	84.12
11 68 13 00-0170	EA		16" - 48" Decks To Ground, Ramp Exit Plate (Landscape Structures® PlayShaper® 138405A)	1,539.66	84.12
11 68 13 00-0171	EA		Deck-To-Deck Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132828A)	5,708.15	224.33
11 68 13 00-0172	EA		Deck-To-Ground Ramp With Permalene Barrier And Handrail, Excludes Posts (Landscape Structures® PlayShaper® 132844A)	5,708.15	224.33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0173 EA Wire Crawl Tunnel (Landscape Structures® PlayShaper® 118099A).....	2,598.32	112.17
11 68 13 00-0174 EA Offset Crawl Tunnel, 8" Deck Height Difference (Landscape Structures® PlayShaper® 139268A).....	1,940.67	112.17
11 68 13 00-0175 EA 28" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953A).....	2,002.48	56.08
11 68 13 00-0176 EA 56" Long, Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 128953B).....	2,596.19	56.08
11 68 13 00-0177 EA 90 Degree Curved Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 115409C).....	2,854.07	112.17
11 68 13 00-0178 EA C-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097A).....	4,694.27	224.33
11 68 13 00-0179 EA S-Straight Crawl Tunnels With Entrance Panels (Landscape Structures® PlayShaper® 118097B).....	4,694.27	224.33
11 68 13 00-0180 EA C-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098A).....	4,694.27	224.33
11 68 13 00-0181 EA S-Inclined Crawl Tunnels With Entrance Panels, 16" Deck Height Difference (Landscape Structures® PlayShaper® 118098B).....	4,694.27	224.33
11 68 13 00-0182 EA Bubble Panel, Enclosure (Landscape Structures® PlayShaper® 111282A).....	905.33	28.04
11 68 13 00-0183 EA Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111300A).....	1,393.47	18.70
11 68 13 00-0184 EA Chimes Panel, Enclosure (Landscape Structures® PlayShaper® 113211A).....	1,612.69	18.70
11 68 13 00-0185 EA Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123845A).....	1,758.83	18.70
11 68 13 00-0186 EA Driver Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111288A).....	951.00	28.04
11 68 13 00-0187 EA Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111289A).....	754.09	18.70
11 68 13 00-0188 EA Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 117147A).....	2,206.40	18.70
11 68 13 00-0189 EA Hole Panel, Enclosure (Landscape Structures® PlayShaper® 111284A).....	598.81	18.70
11 68 13 00-0190 EA House Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111299A).....	704.38	28.04
11 68 13 00-0191 EA Hourglass Panel, Enclosure (Landscape Structures® PlayShaper® 124333A).....	1,877.57	18.70
11 68 13 00-0192 EA Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 127684A).....	1,170.21	28.04
11 68 13 00-0193 EA Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayShaper® 127685A).....	1,618.85	56.08
11 68 13 00-0194 EA Math Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111294A).....	1,741.62	46.73
11 68 13 00-0195 EA Sand And Water Panel, Enclosure (Ground Level Only), Tan Dish Only (Landscape Structures® PlayShaper® 111297A).....	1,665.58	84.12
11 68 13 00-0196 EA Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111298A).....	1,219.92	18.70
11 68 13 00-0197 EA Periscope Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 118429A).....	1,818.73	28.04
11 68 13 00-0198 EA Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 119515A).....	1,243.28	28.04
11 68 13 00-0199 EA Slant Window Panel, Enclosure (Landscape Structures® PlayShaper® 111281A).....	1,582.31	56.08
11 68 13 00-0200 EA Storefront Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 144984A).....	539.97	28.04
11 68 13 00-0201 EA Spelling Panel, Enclosure, Red Discs Only (Landscape Structures® PlayShaper® 111295A).....	1,677.68	46.73
11 68 13 00-0202 EA Slant Entrance Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111387A).....	1,276.86	74.78
11 68 13 00-0203 EA Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 123484A).....	1,567.02	18.70
11 68 13 00-0204 EA Puppet Panel, Enclosure (Landscape Structures® PlayShaper® 111285A).....	598.81	18.70
11 68 13 00-0205 EA Puppet Panel With Window, Enclosure (Landscape Structures® PlayShaper® 111286A).....	823.12	28.04
11 68 13 00-0206 EA Zoo Panel, Enclosure (Landscape Structures® PlayShaper® 111287A).....	598.81	18.70
11 68 13 00-0207 EA Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayShaper® 111290A).....	772.36	18.70
11 68 13 00-0208 EA Table Panel, Enclosure (Ground Level Only) (Landscape Structures® PlayShaper® 111292A).....	1,446.36	84.12
11 68 13 00-0209 EA Tic-Tac-Toe Panel, Enclosure (Landscape Structures® PlayShaper® 111293A).....	1,590.38	28.04
11 68 13 00-0210 EA Bead And Block Panel Without Handles, Enclosure (Landscape Structures® PlayShaper® 111370A).....	1,206.75	28.04
11 68 13 00-0211 EA 2 Benches, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 116120A).....	1,157.05	46.73
11 68 13 00-0212 EA 1 Bench, 2 End Panels (Ground Level Only) (Landscape Structures® PlayShaper® 138185A).....	663.81	46.73
11 68 13 00-0213 EA 1 Bench, 1 End Panel (Ground Level Only) (Landscape Structures® PlayShaper® 138299A).....	585.64	28.04
11 68 13 00-0214 EA Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260A).....	1,619.91	84.12
11 68 13 00-0215 EA Balcony Deck With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayShaper® 139260B).....	1,884.79	84.12
11 68 13 00-0216 EA Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139264A).....	544.01	18.70
11 68 13 00-0217 EA Navigator Reach Panel (2-Color Permalene) (Landscape Structures® PlayShaper® 139266A).....	763.22	18.70
11 68 13 00-0218 EA Curb, Accessible Reach Panel (Landscape Structures® PlayShaper® 128623A).....	154.90	18.70
11 68 13 00-0219 EA Long Wire Barrier (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945A).....	877.92	28.04
11 68 13 00-0220 EA Long Wire Barrier With Wheel (For 90 Degree Tri-Deck) (Landscape Structures® PlayShaper® 117945B).....	1,166.18	46.73
11 68 13 00-0221 EA Short Wire Barrier (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946A).....	663.81	46.73
11 68 13 00-0222 EA Short Wire Barrier With Wheel (Square, Corner And Extension Decks) (Landscape Structures® PlayShaper® 117946B).....	928.70	46.73
11 68 13 00-0223 EA Chinning Bar Without Post (Landscape Structures® PlayShaper® 139272A).....	151.25	18.70
11 68 13 00-0224 EA Steering Wheel (Landscape Structures® PlayShaper® 111306A).....	288.26	18.70
11 68 13 00-0225 EA Steering Wheel With Infill Panel (Landscape Structures® PlayShaper® 111306B).....	388.73	18.70
11 68 13 00-0226 EA Handloop (Landscape Structures® PlayShaper® 119977A).....	224.32	18.70
11 68 13 00-0227 EA Ground Level, Talk Tubes, Attaches Next To 40" To 48" Deck Only, One Only (Landscape Structures® PlayShaper® 115198A).....	613.04	28.04
11 68 13 00-0228 EA 16" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198B).....	631.31	28.04
11 68 13 00-0229 EA 24" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198C).....	640.44	28.04
11 68 13 00-0230 EA 32" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198D).....	658.71	28.04
11 68 13 00-0231 EA 40" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198E).....	667.84	28.04
11 68 13 00-0232 EA 48" Deck, Talk Tubes, One Only (Landscape Structures® PlayShaper® 115198F).....	686.11	28.04
11 68 13 00-0233 EA Talk Tube Tubing Kit (Landscape Structures® PlayShaper® 111362A).....	536.17	168.25
Note: Order one talk tube tubing kit with two talk tubes (any height listed).		
11 68 13 00-0234 EA Arch Roof (Landscape Structures® PlayShaper® 111407A).....	924.66	56.08
11 68 13 00-0235 EA Square Poly Roof With Logo Panels (Landscape Structures® PlayShaper® 118110A).....	1,730.59	112.17
11 68 13 00-0236 EA Square Peak Tile Roof With Logo Panels (Landscape Structures® PlayShaper® 129816A).....	1,922.40	112.17
11 68 13 00-0237 EA Super-Square Shingle Roof With Permalene Roof Cap (Landscape Structures® PlayShaper® 130102A).....	4,023.22	112.17
11 68 13 00-0238 EA Super-Square Shingle Roof With Poly Roof Cap (Landscape Structures® PlayShaper® 130102B).....	4,680.87	112.17
11 68 13 00-0239 EA Square Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 111237A).....	1,010.90	46.73
11 68 13 00-0240 EA Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayShaper® 111238A).....	965.23	46.73
11 68 13 00-0241 EA Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayShaper® 111239A).....	983.50	46.73
11 68 13 00-0242 EA 90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayShaper® 117495A).....	795.72	28.04
11 68 13 00-0243 EA Transfer Stations With Two Handbars (Landscape Structures® PlayShaper® 126205A).....	1,559.18	168.25
11 68 13 00-0244 EA Transfer Stations With One Handbar (Landscape Structures® PlayShaper® 126205B).....	1,422.17	168.25
11 68 13 00-0245 EA Transfer Stations No Handbars (Landscape Structures® PlayShaper® 126205C).....	1,303.43	168.25
11 68 13 00-0246 EA Curb For 90 Degree Tri-Deck (Landscape Structures® PlayShaper® 139083A).....	187.78	18.70
11 68 13 00-0247 EA 8" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948A).....	165.86	18.70
11 68 13 00-0248 EA 16" Rise, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121948B).....	242.59	18.70
11 68 13 00-0249 EA 8" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949A).....	202.40	18.70

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0250 EA 16" Rise, 90 Degree Tri-Deck, Kick Plates, Brown Only (Landscape Structures® PlayShaper® 121949B).....	297.39	18.70
11 68 13 00-0251 EA To 32" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020A).....	2,967.95	224.33
11 68 13 00-0252 EA To 40" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020B).....	3,397.24	224.33
11 68 13 00-0253 EA To 48" Deck, Curved Transfer Module, Right Or Left Step (Landscape Structures® PlayShaper® 153020C).....	3,579.92	224.33
11 68 13 00-0254 EA 56"/SpyroSlide, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399A).....	1,810.66	56.08
11 68 13 00-0255 EA 48" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399B).....	1,774.13	56.08
11 68 13 00-0256 EA 40" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399C).....	1,755.86	56.08
11 68 13 00-0257 EA 32" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399D).....	1,728.46	56.08
11 68 13 00-0258 EA 24" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399E).....	1,701.05	56.08
11 68 13 00-0259 EA 16" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399F).....	1,682.79	56.08
11 68 13 00-0260 EA 8" Deck, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399G).....	1,664.52	56.08
11 68 13 00-0261 EA Ground Level, Arches For Decks And/Or Roofs (Landscape Structures® PlayShaper® 111399H).....	1,646.25	56.08
11 68 13 00-0262 EA 82"/48" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398A).....	402.96	28.04
11 68 13 00-0263 EA 74"/40" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398B).....	384.69	28.04
11 68 13 00-0264 EA 66"/32" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398C).....	357.29	28.04
11 68 13 00-0265 EA 58"/24" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398D).....	348.15	28.04
11 68 13 00-0266 EA 50"/16" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398E).....	339.02	28.04
11 68 13 00-0267 EA 42"/8" Deck, Flush Mount Posts For Decks (Landscape Structures® PlayShaper® 111398F).....	329.88	28.04
11 68 13 00-0268 EA 128"/SpyroSlide/SlideWinder2 Off 48" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397A).....	700.58	168.25
11 68 13 00-0269 EA 114"/48" Deck/SlideWinder2 Off 40" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397B).....	664.05	168.25
11 68 13 00-0270 EA 106"/40" Deck/SlideWinder2 Off 32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397C).....	654.91	168.25
11 68 13 00-0271 EA 98"/32" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397D).....	412.09	28.04
11 68 13 00-0272 EA 90"/24" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397E).....	402.96	28.04
11 68 13 00-0273 EA 82"/16" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397F).....	384.69	28.04
11 68 13 00-0274 EA 74"/8" Deck, Post For Decks (Landscape Structures® PlayShaper® 111397G).....	357.29	28.04
11 68 13 00-0275 EA 69"/Ground Level, Post For Decks (Landscape Structures® PlayShaper® 111397H).....	348.15	28.04
11 68 13 00-0276 EA 145"/SpyroSlide, Post For Roofs (Landscape Structures® PlayShaper® 111396A).....	476.03	28.04
11 68 13 00-0277 EA 137"/48" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396B).....	466.89	28.04
11 68 13 00-0278 EA 129"/40" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396C).....	439.49	28.04
11 68 13 00-0279 EA 121"/32" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396D).....	430.36	28.04
11 68 13 00-0280 EA 113"/24" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396E).....	421.22	28.04
11 68 13 00-0281 EA 105"/16" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396F).....	402.96	28.04
11 68 13 00-0282 EA 97"/8" Deck, Post For Roofs (Landscape Structures® PlayShaper® 111396G).....	384.69	28.04
11 68 13 00-0283 EA 89"/Ground Level, Post For Roofs (Landscape Structures® PlayShaper® 111396H).....	357.29	28.04
11 68 13 00-0284 EA Learning Wall Arch For 10" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208A).....	2,498.29	191.56
11 68 13 00-0285 EA Learning Wall Arch For 1" Panel Height, With Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208B).....	2,465.65	189.09
11 68 13 00-0286 EA Learning Wall Arch For 10" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208C).....	2,008.47	154.06
11 68 13 00-0287 EA Learning Wall Arch For 1" Panel Height Without Logo Panel (For Roof Only) (Landscape Structures® PlayShaper® 115208D).....	1,975.75	151.50
11 68 13 00-0288 EA Learning Wall Post For 10" Panel Height (Landscape Structures® PlayShaper® 115201A).....	408.21	31.31
11 68 13 00-0289 EA Learning Wall Post For 1" Panel Height (Landscape Structures® PlayShaper® 115201B).....	391.88	30.07
11 68 13 00-0290 EA Learning Wall Post For Poly Roof With 10" Panel Height (Landscape Structures® PlayShaper® 115203A).....	444.14	34.03
11 68 13 00-0291 EA Learning Wall Post For Poly Roof With 1" Panel Height (Landscape Structures® PlayShaper® 115203B).....	424.54	32.54
11 68 13 00-0292 EA The Peak Natural Climber, 40" Deck (Landscape Structures® PlayShaper® 160423A).....	8,843.23	280.42
11 68 13 00-0293 EA The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayShaper® 160424A).....	4,701.28	168.25

11 68 13 00-0294 Playground Equipment (Landscape Structures® Independent Pieces) (11 68 13 00-

11 68 13 00-0295 EA 9-Blocks, Block Climber (Landscape Structures® 117966A).....	3,782.99	280.42
11 68 13 00-0296 EA 12-Blocks, Block Climber (Landscape Structures® 117966B).....	4,285.36	280.42
11 68 13 00-0297 EA 116-Blocks, Block Climber (Landscape Structures® 117966C).....	5,264.83	336.49
11 68 13 00-0298 EA Spider Web Climber, CableCore Climbing Cable (Direct Bury Only) (Landscape Structures® 136159A).....	3,954.42	224.33
11 68 13 00-0299 EA 6-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150976A).....	6,462.85	373.89
11 68 13 00-0300 EA 4-Panels, Cascade Climber (Direct Bury Only) (Landscape Structures® 150977A).....	4,436.39	168.25
11 68 13 00-0301 EA Star Seeker Climber, Net Climber (Direct Bury Only) (Landscape Structures® 148041A).....	11,847.71	504.74
11 68 13 00-0302 EA Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Aluminum Posts (Landscape Structures® 144477A).....	10,699.56	336.49
11 68 13 00-0303 EA Funnel Climber, Net Climber Without Vertical Ladders, (4) Aluminum Posts (Landscape Structures® 144477B).....	7,865.89	280.42
11 68 13 00-0304 EA Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Aluminum Posts (Landscape Structures® 144477C).....	9,282.73	308.45
11 68 13 00-0305 EA Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Aluminum Posts (Landscape Structures® 144477D).....	12,116.40	364.54
11 68 13 00-0306 EA Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Aluminum Posts (Landscape Structures® 144477E).....	13,533.23	392.57
11 68 13 00-0307 EA Funnel Climber, Net Climber With 2 Vertical Ladders, (6) Steel Posts (Landscape Structures® 144477F).....	10,425.54	336.49
11 68 13 00-0308 EA Funnel Climber, Net Climber Without Vertical Ladders, (4) Steel Posts (Landscape Structures® 144477G).....	7,683.21	280.42
11 68 13 00-0309 EA Funnel Climber, Net Climber With 1 Vertical Ladder, (5) Steel Posts (Landscape Structures® 144477H).....	9,054.38	308.45
11 68 13 00-0310 EA Funnel Climber, Net Climber With 3 Vertical Ladders, (7) Steel Posts (Landscape Structures® 144477I).....	11,796.71	364.54
11 68 13 00-0311 EA Funnel Climber, Net Climber With 4 Vertical Ladders, (8) Steel Posts (Landscape Structures® 144477J).....	13,167.87	392.57
11 68 13 00-0312 EA 8", Pod Climber, One Pod Only (Landscape Structures® 120710A).....	426.33	46.73
11 68 13 00-0313 EA 16", Pod Climber, One Pod Only (Landscape Structures® 120711A).....	435.46	46.73
11 68 13 00-0314 EA 24", Pod Climber, One Pod Only (Landscape Structures® 120712A).....	444.59	46.73
11 68 13 00-0315 EA 30", Pod Climber, One Pod Only (Landscape Structures® 120713A).....	453.73	46.73
11 68 13 00-0316 EA Track Ride Curved (Landscape Structures® 118093A).....	4,361.18	112.17
11 68 13 00-0317 EA 18' Curved Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121874A).....	6,589.26	336.49
11 68 13 00-0318 EA 18' Curved Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121874B).....	6,406.58	336.49
11 68 13 00-0319 EA 10' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121648A).....	5,529.72	336.49
11 68 13 00-0320 EA 10' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121648B).....	5,164.36	336.49
11 68 13 00-0321 EA 18' Straight Track Ride, Aluminum Posts, (Direct Bury Only) (Landscape Structures® 121875A).....	5,758.07	336.49
11 68 13 00-0322 EA 18' Straight Track Ride, Steel Posts, (Direct Bury Only) (Landscape Structures® 121875B).....	5,575.39	336.49
11 68 13 00-0323 EA Playstructure Seat, TenderTuff-coated Brown (Landscape Structures® 120818A).....	541.04	56.08
11 68 13 00-0324 EA Kids In Motion, Sway Fun Glider, Brown Deck Only (Landscape Structures® 138871A).....	19,837.22	672.99
11 68 13 00-0325 EA CoolToppers Shade System, Full Sail, (Direct Bury Only) (Landscape Structures® 136759A).....	17,045.86	1,009.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0326 EA CoolToppers Shade System, Single Post, (Direct Bury Only) (Landscape Structures® 154397A)	5,666.12	560.82
11 68 13 00-0327 EA CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155071A)	7,041.71	224.33
11 68 13 00-0328 EA CoolToppers Shade System, Single Post With Cool Mister, (Direct Bury Only) (Landscape Structures® 155072A)	11,347.47	560.82
11 68 13 00-0329 EA Turtle Sand Table, (2-Color Permalene), (Direct Bury Only) (Landscape Structures® 116568A)	710.55	74.78
11 68 13 00-0330 EA Straight Crawl Tunnel (Landscape Structures® 100005A)	2,299.03	168.25
11 68 13 00-0331 EA Curved Crawl Tunnel (Landscape Structures® 100005D)	2,929.28	168.25
11 68 13 00-0332 EA 4' Square, SanDirect Buryoxe (Landscape Structures® 120458A)	590.98	168.25
11 68 13 00-0333 EA SanDirect Buryoxe, Play Table Only (Landscape Structures® 120894A)	846.73	168.25
11 68 13 00-0334 EA 8' Square, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458B)	1,191.07	336.49
11 68 13 00-0335 EA 8' Square, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458C)	1,748.24	336.49
11 68 13 00-0336 EA 8' L-Shaped, SanDirect Buryoxe Without Play Table (Landscape Structures® 120458D)	1,191.07	336.49
11 68 13 00-0337 EA 8' L-Shaped, SanDirect Buryoxe With Play Table, (Direct Bury Only) (Landscape Structures® 120458E)	1,748.24	336.49
11 68 13 00-0338 EA Splash Circuit Sand And Water Station, Direct Bury (Landscape Structures® 126202A)	5,625.32	448.66
11 68 13 00-0339 EA Splash Circuit Sand And Water Station, Surface Mount (Landscape Structures® 126202B)	5,484.05	336.49
11 68 13 00-0340 EA Talk Tubes, Complete With (2) 2-3/8" Square Aluminum Posts, Ground Level, (Direct Bury Only) (Landscape Structures® 113931A)	2,502.11	224.33
11 68 13 00-0341 EA Clear Paint Panel, Surface Mount (Landscape Structures® 112621A)	1,016.00	56.08
11 68 13 00-0342 EA Clear Paint Panel, Direct Bury (Landscape Structures® 112621B)	880.05	84.12
11 68 13 00-0343 EA Dino Climber, Direct Bury (Landscape Structures® 100122A)	14,759.32	448.66
11 68 13 00-0344 EA Dino Climber, Surface Mount (Landscape Structures® 100122B)	15,387.43	392.57
11 68 13 00-0345 EA Sand Table, (3) Steel Posts, Direct Bury (Landscape Structures® 136233B)	4,059.14	336.49
11 68 13 00-0346 EA Sand Table, (3) Aluminum Posts, Direct Bury (Landscape Structures® 136233A)	4,159.62	336.49
11 68 13 00-0347 EA Wiggle Worm Crawl Tunnel With 2-Color Permalene Head (Landscape Structures® 120418A)	4,924.74	280.42
11 68 13 00-0348 EA Wiggle Worm Crawl Tunnel Without 2-Color Permalene Head (Landscape Structures® 120418B)	3,452.05	224.33
11 68 13 00-0349 EA Kids In Motion, Saddle Spinner (Landscape Structures® 152179A)	1,490.97	56.08
11 68 13 00-0350 EA Kids In Motion, Log Roll With Aluminum Posts (Landscape Structures® 100027A)	2,196.42	112.17
11 68 13 00-0351 EA Kids In Motion, Log Roll, Tan Log Only, (2) Steel Posts (Landscape Structures® 100027B)	2,105.08	112.17
11 68 13 00-0352 EA Kids In Motion, Spring Pod Bouncer, Sold Individually Per Pod (Landscape Structures® 120876A)	581.60	46.73
11 68 13 00-0353 EA Kids In Motion, SpringRing Bouncer, (Brown Ring Only, Avail. for Direct Bury Only) (Landscape Structures® 117961A)	7,826.61	448.66
11 68 13 00-0354 EA Kids In Motion, Spring Platform With Handhold, Brown Platform, Tan Handhold* (Landscape Structures® 125059A)	2,734.71	336.49
11 68 13 00-0355 EA Kids In Motion, Spring Platform Without Handhold, Brown Platform* (Landscape Structures® 125059B)	2,552.03	336.49
11 68 13 00-0356 EA Kids In Motion, Spring Platform With Post, Brown Platform, Tan Post* (Landscape Structures® 125059C)	3,227.95	336.49
11 68 13 00-0357 EA Kids In Motion, Stand-Up Spinner, (Direct Bury Only) (Landscape Structures® 155077A)	2,194.29	56.08
11 68 13 00-0358 EA Orbiter Spinner, Steel Post, (Avail. for Direct Bury Only) (Landscape Structures® 153589A)	3,038.89	168.25
11 68 13 00-0359 EA Orbiter2 Spinner, Steel Post, (Avail. for Direct Bury Only) (Landscape Structures® 154358A)	5,498.06	224.33
11 68 13 00-0360 EA Orbiter3 Spinner, Steel Post, (Direct Bury Only) (Landscape Structures® 154359A)	7,948.10	280.42
11 68 13 00-0361 EA Stand-Up Seesaw, Direct Bury (Landscape Structures® 148638A)	3,219.43	112.17
11 68 13 00-0362 EA Stand-Up Seesaw, Surface Mount (Landscape Structures® 148638B)	2,771.86	112.17
11 68 13 00-0363 EA 2-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148636A)	3,566.52	112.17
11 68 13 00-0364 EA 2-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148636B)	3,073.28	112.17
11 68 13 00-0365 EA 4-Seat Seesaw, Direct Bury, Without Color Options On Permalene (Landscape Structures® 148637A)	4,315.51	112.17
11 68 13 00-0366 EA 4-Seat Seesaw, Surface Mount, Without Color Options On Permalene (Landscape Structures® 148637B)	3,840.54	112.17
11 68 13 00-0367 EA Seesaw Back Support, With Seat Strap* (Landscape Structures® 148706A)	407.00	18.70
11 68 13 00-0368 EA Seesaw Back Support, without Seat Strap (Landscape Structures® 148706B)	333.93	18.70
11 68 13 00-0369 EA Stationary Cyclor, SuperScoop, (Direct Bury Only) (Landscape Structures® 123831A)	1,503.30	140.20
11 68 13 00-0370 EA Stationary Cyclor, SuperScoop, Wheelchair-Accessible, Surface Mount (Landscape Structures® 123832A)	1,355.02	84.12
11 68 13 00-0371 EA Stationary Cyclor, SuperScoop, Wheelchair-Accessible, Direct Bury (Landscape Structures® 123832B)	1,393.69	140.20
11 68 13 00-0372 EA Motorcycle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100013B)	2,061.55	168.25
11 68 13 00-0373 EA Motorcycle Back Supports With Seat Strap (Landscape Structures® 123711A)	324.79	18.70
11 68 13 00-0374 EA Motorcycle Back Supports Without Seat Strap (Landscape Structures® 123711B)	269.99	18.70
11 68 13 00-0375 EA Turtle TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100014B)	1,740.78	140.20
11 68 13 00-0376 EA Bird TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,760.13	168.25
11 68 13 00-0377 EA Horse TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100015B)	1,741.86	168.25
11 68 13 00-0378 EA Car TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100017B)	2,061.55	168.25
11 68 13 00-0379 EA RhinoDino TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100123B)	1,722.51	140.20
11 68 13 00-0380 EA T-Rex TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 100124B)	1,741.86	168.25
11 68 13 00-0381 EA 2-Seat Airplane Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 120871A)	2,601.52	196.29
11 68 13 00-0382 EA 2-Seat Airplane Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 120871B)	2,737.47	168.25
11 68 13 00-0383 EA 2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 126378A)	2,354.90	196.29
11 68 13 00-0384 EA 2-Seat Fire Engine Rider TuffRiders, With Coil Spring, Direct Bury (Landscape Structures® 126378B)	2,481.71	168.25
11 68 13 00-0385 EA Motorcycle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100013A)	1,777.32	140.20
11 68 13 00-0386 EA Turtle TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100014A)	1,447.43	112.17
11 68 13 00-0387 EA Bird TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100015A)	1,466.76	140.20
11 68 13 00-0388 EA Horse TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100016A)	1,448.49	140.20
11 68 13 00-0389 EA Car TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100017A)	1,777.32	140.20
11 68 13 00-0390 EA RhinoDino TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100123A)	1,438.30	112.17
11 68 13 00-0391 EA T-Rex TuffRiders, With Coil Spring, Surface Mount (Landscape Structures® 100124A)	1,448.49	140.20
11 68 13 00-0392 EA Zebra Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135534B)	1,822.99	140.20
11 68 13 00-0393 EA Sea Horse Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135535B)	1,950.86	140.20
11 68 13 00-0394 EA Dolphin Whimsy Riders, With Coil Spring, Direct Bury (Landscape Structures® 135536B)	1,859.52	140.20
11 68 13 00-0395 EA Zebra Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135534A)	1,547.91	112.17
11 68 13 00-0396 EA Sea Horse Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135535A)	1,666.65	112.17
11 68 13 00-0397 EA Dolphin Whimsy Riders, With Coil Spring, Surface Mount (Landscape Structures® 135536A)	1,584.44	112.17
11 68 13 00-0398 EA SpyroSlide, Poly, 72" Deck (Landscape Structures® 115366A)	11,415.67	672.99
11 68 13 00-0399 EA 40" Poly Slide, 40" Deck (Landscape Structures® 100046A)	6,121.30	280.42
11 68 13 00-0400 EA Wave Poly Slide, 72" Deck (Landscape Structures® 100046C)	7,418.32	280.42
11 68 13 00-0401 EA Fire Engine, Colors As Shown Only, (Direct Bury Only) (Landscape Structures® 148640A)	22,439.19	1,121.65
11 68 13 00-0402 EA Double Humpty Climber (Direct Bury Only) (Landscape Structures® 100037A)	3,844.81	224.33
11 68 13 00-0403 EA Single Humpty Climber (Direct Bury Only) (Landscape Structures® 100037B)	2,098.09	168.25
11 68 13 00-0404 EA 12-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150638A)	42,404.28	1,794.64

11 Equipment

11 60 Entertainment and Recreation Equipment

11 68 Play Field Equipment and Structures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0405	EA	7-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150637A)	23,269.77	1,345.98
11 68	13 00-0406	EA	6-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150636A)	21,068.47	1,345.98
11 68	13 00-0407	EA	3-Panel, Mobius Climber (Direct Bury Only) (Landscape Structures® 150635A)	10,110.11	448.66
11 68	13 00-0408	EA	4', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038A)	1,455.50	84.12
11 68	13 00-0409	EA	6', Rainbow Climber (Direct Bury Only) (Landscape Structures® 100038B)	1,629.04	84.12
11 68	13 00-0410	EA	Sky Rail Climber, Independent Climber (Direct Bury Only) (Landscape Structures® 146813A)	5,164.36	336.49
11 68	13 00-0411	EA	4'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040A)	1,090.14	84.12
11 68	13 00-0412	EA	6'-High, Vertical Pipe Climber (Direct Bury Only) (Landscape Structures® 100040B)	1,181.48	84.12
11 68	13 00-0413	EA	Arch Belt Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 100050A)	4,947.57	448.66
11 68	13 00-0414	EA	Arch Belt Swing, 2-Place, Uncoated Chain (Landscape Structures® 100050C)	4,794.12	448.66
11 68	13 00-0415	EA	Arch Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 111579A)	3,130.53	224.33
11 68	13 00-0416	EA	Arch Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 111579C)	2,977.08	224.33
11 68	13 00-0417	EA	Single Post Swing, 2-Place, Uncoated Chain (Landscape Structures® 122837A)	2,524.63	336.49
11 68	13 00-0418	EA	Single Post Swing, 2-Place, TenderTuff-coated Chain (Landscape Structures® 122837B)	2,678.08	336.49
11 68	13 00-0419	EA	Single Post Swing, Additional 2 PL Bay, Uncoated Chain (Landscape Structures® 122838A)	1,833.20	168.25
11 68	13 00-0420	EA	Single Post Swing, Additional 2 PL Bay, TenderTuff-coated Chain (Landscape Structures® 122838B)	1,986.65	168.25
11 68	13 00-0421	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140769A)	2,917.39	336.49
11 68	13 00-0422	EA	Single Post Swing, 2-Place, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140769B)	3,070.84	336.49
11 68	13 00-0423	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 140770A)	2,225.96	168.25
11 68	13 00-0424	EA	Single Post Swing, Additional 2 PL Bay, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 140770B)	2,379.41	168.25
11 68	13 00-0425	EA	Toddler Swing Add-On, With (1) Full-Bucket Seat, Without Post (Landscape Structures® 151852A)	1,125.61	56.08
11 68	13 00-0426	EA	Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 120891A)	5,689.25	448.66
11 68	13 00-0427	EA	Additional Bay, Arch Tire Swing, TenderTuff-coated Chain (Landscape Structures® 139188A)	4,009.22	224.33
11 68	13 00-0428	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Posts (Landscape Structures® 120892B)	5,159.48	448.66
11 68	13 00-0429	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Posts (Landscape Structures® 141458B)	3,351.57	224.33
11 68	13 00-0430	EA	Toddler Swing, With (2) Full-Bucket Seats (Landscape Structures® 117962B)	2,566.05	224.33
11 68	13 00-0431	EA	Curved Balance Beam (Landscape Structures® 100041A)	1,094.18	74.78
11 68	13 00-0432	EA	Drop Shot, (Direct Bury Only) (Landscape Structures® 100042A)	1,932.59	140.20
11 68	13 00-0433	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Chain Net (Landscape Structures® 116947A)	4,137.10	224.33
11 68	13 00-0434	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Chain Net (Landscape Structures® 116947B)	4,630.33	224.33
11 68	13 00-0435	EA	Basketball Outfit, 6' Offset, Fan Permalene Backboard, Nylon Net (Landscape Structures® 116947C)	4,127.96	224.33
11 68	13 00-0436	EA	Basketball Outfit, 6' Offset, Rectangular Permalene Backboard, Nylon Net (Landscape Structures® 116947D)	4,621.20	224.33
11 68	13 00-0437	EA	FitCore Outdoor Fitness Equipment With Aluminum Posts, (Direct Bury Only) (Landscape Structures® 123722A)	20,208.07	2,018.97
11 68	13 00-0438	EA	FitCore Outdoor Fitness Equipment With Steel Posts, (Direct Bury Only) (Landscape Structures® 123722B)	19,605.22	2,018.97
11 68	13 00-0439	EA	Fitness Cluster With Steel Posts (Landscape Structures® 120874B)	12,665.19	1,345.98
11 68	13 00-0440	EA	Fitness Cluster With Aluminum Posts (Landscape Structures® 120874A)	12,920.95	1,345.98
11 68	13 00-0441	EA	Aluminum Posts, Climbing Wall (Landscape Structures® 153354A)	2,876.61	224.33
11 68	13 00-0442	EA	Steel Posts, Climbing Wall (Landscape Structures® 153354B)	2,785.27	224.33
11 68	13 00-0443	EA	30" Galvanized Stake, TuffTimber Edgers (Landscape Structures® 100626A)	24.88	9.35
11 68	13 00-0444	EA	TuffTimber, 4' Length, TuffTimber Edgers, Black Only (Landscape Structures® 119214A)	80.81	9.35
11 68	13 00-0445	EA	TuffTimbers Access Wedge, TuffTimber Edgers, Black Only (Landscape Structures® 130799A)	1,055.51	18.70
11 68	13 00-0446	EA	Age Appropriate Fitness Sign, Ages 12 And Over (Landscape Structures® 114483A)	576.50	28.04
11 68	13 00-0447	EA	Age Appropriate Fitness Sign, Ages 5 to 12 (Landscape Structures® 114484A)	576.50	28.04
11 68	13 00-0448	EA	Accessible Playground Sign, With 2-3/8" Post (Landscape Structures® 100103A)	539.97	28.04
11 68	13 00-0449	EA	Age Appropriate Sign, With PlayShaper Posts, Optional Name* (Landscape Structures® 100104A)	1,115.41	28.04
11 68	13 00-0450	EA	Age Appropriate Sign, With PlayShaper Posts, 2 - 5 Years* (Landscape Structures® 100105A)	941.86	28.04
11 68	13 00-0451	EA	Age Appropriate Sign, With PlayShaper Posts, 5 - 12 Years* (Landscape Structures® 100106A)	941.86	28.04
11 68	13 00-0452	EA	Flat Molded Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100052A)	315.66	18.70
11 68	13 00-0453	EA	Molded Bucket Seat (Specify Color), Swing Accessories (Excludes Chain) (Landscape Structures® 100054A)	778.52	56.08
11 68	13 00-0454	EA	Full-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 100055A)	402.96	28.04
11 68	13 00-0455	EA	Half-Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 112228A)	384.69	28.04
11 68	13 00-0456	EA	Slash-Proof Belt Seat, Swing Accessories (Landscape Structures® 132385A)	123.84	18.70
11 68	13 00-0457	EA	Seat Strap for Molded Bucket Seat, Swing Accessories (Excludes Chain) (Landscape Structures® 111416A)	116.54	18.70
11 68	13 00-0458	LF	TuffTurf Geotextile Fabric, (12 1/2' Wide Roll), Order an Additional 20% for Overlap/Waste, per LF (Landscape Structures® 109694A)	9.69	2.80
11 68	13 00-0459	EA	TuffTurf Adhesive 10.6 oz. Tube, (Approximate Coverage: 3 Tiles per Tube) (Landscape Structures® 114513A)	13.24	
11 68	13 00-0460	EA	Rider, Direct Bury Leg, Concrete, (Direct Bury Only) (Landscape Structures® 115381A)	293.35	28.04
11 68	13 00-0461	EA	Mesh SanDirect Buryox Cover, 4' Square (Landscape Structures® 120530A)	96.44	14.02
11 68	13 00-0462	EA	Mesh SanDirect Buryox Cover, 8' Square (Landscape Structures® 120530B)	339.02	28.04
11 68	13 00-0463	EA	Mesh SanDirect Buryox Cover, 8' L-Shaped (Landscape Structures® 120530C)	284.21	28.04
11 68	13 00-0464	EA	4-Post Tire Swing, TenderTuff-coated Chain, (4) Posts With Crossovers, Steel Beam And Aluminum Posts (Landscape Structures® 120892A)	4,968.29	224.33
11 68	13 00-0465	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Square (Landscape Structures® 122868A)	178.65	14.02
11 68	13 00-0466	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 1-Bevel (Landscape Structures® 122868B)	178.65	14.02
11 68	13 00-0467	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 2-Bevel (Landscape Structures® 122868C)	178.65	14.02
11 68	13 00-0468	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 3-Bevel (Landscape Structures® 122868D)	178.65	14.02
11 68	13 00-0469	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", 4-Bevel (Landscape Structures® 122868E)	178.65	14.02
11 68	13 00-0470	EA	TuffTurf Tiles - 3' x 3' x 1-1/2", Corner Bevel (Landscape Structures® 122868F)	178.65	14.02
11 68	13 00-0471	EA	Rider, 4-Bevel TuffTurf Tile, With Hole, For TuffRiders And Whimsy Riders * (Landscape Structures® 122869A)	187.78	14.02
11 68	13 00-0472	EA	1-Place, Surge Swing, Uncoated Chain (Landscape Structures® 127680A)	2,570.91	112.17
11 68	13 00-0473	EA	1-Place, Surge Swing, TenderTuff-coated Chain (Landscape Structures® 127680B)	2,647.64	112.17
11 68	13 00-0474	EA	TuffTurf Adhesive 1 Gallon (Approximate Coverage: 15 Tiles per Gallon) (Landscape Structures® 128036A)	91.34	
11 68	13 00-0475	EA	1-Place, Surge Swing, Anti-Wrap Hangers, Uncoated Chain (Landscape Structures® 139910A)	2,762.73	112.17
11 68	13 00-0476	EA	1-Place, Surge Swing, Anti-Wrap Hangers, TenderTuff-coated Chain (Landscape Structures® 139910B)	2,839.45	112.17
11 68	13 00-0477	EA	Additional Bay, 4-Post Tire Swing, TenderTuff-coated Chain, (2) Posts With Crossover, Steel Beam And Aluminum Posts (Landscape Structures® 141458A)	3,349.44	168.25
11 68	13 00-0478	EA	The Pinnacle Natural Climber (Landscape Structures® 156065A)	27,327.10	672.99
11 68	13 00-0479	EA	The Pointe Natural Climber (Landscape Structures® 156067A)	15,426.10	448.66
11 68	13 00-0480	EA	Hemisphere Climber With Single Arch, Independent Climber (Landscape Structures® 156435A)	15,426.10	448.66

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0481	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157107A).....	2,095.95	112.17
11 68 13 00-0482	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157107B).....	2,249.40	112.17
11 68 13 00-0483	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157107C).....	2,333.43	112.17
11 68 13 00-0484	EA		5000 Series Swing, 8'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157107D).....	2,486.88	112.17
11 68 13 00-0485	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157108A).....	1,207.82	56.08
11 68 13 00-0486	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157108B).....	1,361.27	56.08
11 68 13 00-0487	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157108C).....	1,290.02	56.08
11 68 13 00-0488	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157108D).....	1,443.48	56.08
11 68 13 00-0489	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157109A).....	2,187.29	112.17
11 68 13 00-0490	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157109B).....	2,421.12	112.17
11 68 13 00-0491	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157109C).....	2,424.77	112.17
11 68 13 00-0492	EA		5000 Series Swing, 10'-High Beam, 2-Place, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157109D).....	2,658.60	112.17
11 68 13 00-0493	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157110A).....	1,280.89	56.08
11 68 13 00-0494	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157110B).....	1,608.19	112.17
11 68 13 00-0495	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157110C).....	1,363.10	56.08
11 68 13 00-0496	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157110D).....	1,690.40	112.17
11 68 13 00-0497	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157111A).....	2,278.63	112.17
11 68 13 00-0498	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157111B).....	2,432.08	112.17
11 68 13 00-0499	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157111C).....	2,516.11	112.17
11 68 13 00-0500	EA		5000 Series Swing, 8'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157111D).....	2,669.56	112.17
11 68 13 00-0501	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157112A).....	1,381.36	56.08
11 68 13 00-0502	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157112B).....	1,628.29	112.17
11 68 13 00-0503	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157112C).....	1,463.57	56.08
11 68 13 00-0504	EA		5000 Series Swing, Additional 2 PL Bay, 8'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157112D).....	1,710.49	112.17
11 68 13 00-0505	EA		5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157113A).....	2,369.97	112.17
11 68 13 00-0506	EA		5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157113B).....	2,603.80	112.17
11 68 13 00-0507	EA		5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157113C).....	2,607.45	112.17
11 68 13 00-0508	EA		5000 Series Swing, 10'-High Beam, 2-Place, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157113D).....	2,841.28	112.17
11 68 13 00-0509	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, Uncoated Chain (Landscape Structures® 157114A).....	1,463.57	56.08
11 68 13 00-0510	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Galvanized Legs, TenderTuff-coated Chain (Landscape Structures® 157114B).....	1,790.87	112.17
11 68 13 00-0511	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, Uncoated Chain (Landscape Structures® 157114C).....	1,639.25	112.17
11 68 13 00-0512	EA		5000 Series Swing, Additional 2 PL Bay, 10'-High Beam, Anti-Wrap Hangers, Powdercoated Beam And Legs, TenderTuff-coated Chain (Landscape Structures® 157114D).....	1,873.08	112.17
11 68 13 00-0513	EA		Motorcycle TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157286A).....	2,095.95	112.17
11 68 13 00-0514	EA		Motorcycle TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157286B).....	2,333.43	112.17
11 68 13 00-0515	EA		T-Rex TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157287A).....	1,767.12	112.17
11 68 13 00-0516	EA		T-Rex TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157287B).....	2,013.74	112.17
11 68 13 00-0517	EA		Bird TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157288A).....	1,785.39	112.17
11 68 13 00-0518	EA		Bird TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157288B).....	2,032.01	112.17
11 68 13 00-0519	EA		Horse TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157289A).....	1,767.12	112.17
11 68 13 00-0520	EA		Horse TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157289B).....	2,013.74	112.17
11 68 13 00-0521	EA		Car TuffRiders, With Torsion Spring, Surface Mount (Landscape Structures® 157290A).....	2,095.95	112.17
11 68 13 00-0522	EA		Car TuffRiders, With Torsion Spring, Direct Bury (Landscape Structures® 157290B).....	2,333.43	112.17
11 68 13 00-0523	EA		Zebra Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157291A).....	1,922.40	112.17
11 68 13 00-0524	EA		Zebra Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157291B).....	2,141.62	112.17
11 68 13 00-0525	EA		Sea Horse Whimsy Riders, With Torsion Spring, Surface Mount (Landscape Structures® 157292A).....	2,032.01	112.17
11 68 13 00-0526	EA		Sea Horse Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157292B).....	2,269.49	112.17
11 68 13 00-0527	EA		Dolphin Whimsy Riders, With Torsion Spring, SM (Landscape Structures® 157293A).....	1,949.80	112.17
11 68 13 00-0528	EA		Dolphin Whimsy Riders, With Torsion Spring, Direct Bury (Landscape Structures® 157293B).....	2,178.15	112.17
11 68 13 00-0529	EA		Kids In Motion, Wobble Pod Bouncer, (Direct Bury Only) (Landscape Structures® 158105A).....	2,022.87	112.17
11 68 13 00-0530	EA		Chatter Noodle Kit, (2) Noodle Posts And Tubing, (Direct Bury Only) (Landscape Structures® 158106A).....	2,808.40	112.17
11 68 13 00-0531	EA		8" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108A).....	1,381.36	56.08
11 68 13 00-0532	EA		16" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108B).....	1,390.50	56.08
11 68 13 00-0533	EA		24" Pod, Noodle Pod Steps With One E-Pod Step, (Direct Bury Only) (Landscape Structures® 158108C).....	1,399.63	56.08

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0534	EA		Single, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426A)	2,516.11	112.17
11 68 13 00-0535	EA		Double, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426B)	4,335.92	168.25
11 68 13 00-0536	EA		Triple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426C)	6,557.61	224.33
11 68 13 00-0537	EA		Quadruple, Starburst Climber (Direct Bury Only) (Landscape Structures® 158426D)	8,176.45	280.42
11 68 13 00-0538	EA		10", Pod Climber, One Pod Only (Landscape Structures® 158997A)	402.96	28.04
11 68 13 00-0539	EA		20", Pod Climber, One Pod Only (Landscape Structures® 158998A)	421.22	28.04
11 68 13 00-0540	EA		CoolToppers Shade System, Super Pyramid, 30' x 30', 13'-9" Entrance Height, (Direct Bury Only) (Landscape Structures® 159873A)	14,330.02	448.66
11 68 13 00-0541	EA		CoolToppers Shade System, Pyramid, 18' x 18', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881A)	7,580.62	224.33
11 68 13 00-0542	EA		CoolToppers Shade System, Pyramid, 18' x 18', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881B)	7,811.09	280.42
11 68 13 00-0543	EA		CoolToppers Shade System, Pyramid, 18' x 18', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159881C)	7,938.96	280.42
11 68 13 00-0544	EA		CoolToppers Shade System, Pyramid, 24' x 24', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882A)	9,674.42	280.42
11 68 13 00-0545	EA		CoolToppers Shade System, Pyramid, 24' x 24', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882B)	9,802.30	280.42
11 68 13 00-0546	EA		CoolToppers Shade System, Pyramid, 24' x 24', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159882C)	9,948.44	280.42
11 68 13 00-0547	EA		CoolToppers Shade System, Pyramid, 28' x 28', 8' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883A)	12,298.01	336.49
11 68 13 00-0548	EA		CoolToppers Shade System, Pyramid, 28' x 28', 10' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883B)	12,444.15	336.49
11 68 13 00-0549	EA		CoolToppers Shade System, Pyramid, 28' x 28', 12' Entrance Height, (Direct Bury Only) (Landscape Structures® 159883C)	12,581.16	336.49
11 68 13 00-0550	EA		Stationary Cycler, Pedals Only, With Grab Bar, With Aluminum Posts (Landscape Structures® 160055A)	2,296.89	112.17
11 68 13 00-0551	EA		Stationary Cycler, Handles Only, With Aluminum Posts (Landscape Structures® 160055B)	1,977.20	112.17
11 68 13 00-0552	EA		Stationary Cycler, Pedals And Handles, With Aluminum Posts (Landscape Structures® 160055C)	2,872.34	112.17
11 68 13 00-0553	EA		Stationary Cycler, Handles Only, Accessible, With Aluminum Posts (Landscape Structures® 160055D)	1,977.20	112.17
11 68 13 00-0554	EA		Stationary Cycler, Pedals Only, With Grab Bar, With Steel Posts (Landscape Structures® 160055E)	2,242.09	112.17
11 68 13 00-0555	EA		Stationary Cycler, Handles Only, With Steel Posts (Landscape Structures® 160055F)	1,922.40	112.17
11 68 13 00-0556	EA		Stationary Cycler, Pedals And Handles, With Steel Posts (Landscape Structures® 160055G)	2,817.53	112.17
11 68 13 00-0557	EA		Stationary Cycler, Handles Only, Accessible, With Steel Posts (Landscape Structures® 160055H)	1,922.40	112.17
11 68 13 00-0558	EA		Single, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160315A)	3,358.58	168.25
11 68 13 00-0559	EA		Single, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160315B)	3,303.77	168.25
11 68 13 00-0560	EA		Double, Gyro Twister Spinner, Aluminum Posts (Landscape Structures® 160316A)	5,781.22	224.33
11 68 13 00-0561	EA		Double, Gyro Twister Spinner, Steel Posts (Landscape Structures® 160316B)	5,726.41	224.33
11 68 13 00-0562	EA		The Peak Natural Climber (Landscape Structures® 160418A)	8,377.39	280.42
11 68 13 00-0563	EA		The Stepper Natural Climbing Stone (Landscape Structures® 160419A)	4,235.44	168.25
11 68 13 00-0564	EA		Double Escalator Climber, Independent Climber, Steel Posts, (Direct Bury Only) (Landscape Structures® 160692A)	10,405.14	280.42
11 68 13 00-0565	EA		HealthBeat Outdoor Fitness System, Chest/Back Press, Direct Bury (Landscape Structures® 161309A)	7,671.96	224.33
11 68 13 00-0566	EA		HealthBeat Outdoor Fitness System, Chest/Back Press, Surface Mount (Landscape Structures® 161309B)	7,270.06	224.33
11 68 13 00-0567	EA		HealthBeat Outdoor Fitness System, Squat Press, Direct Bury (Landscape Structures® 161310A)	7,671.96	224.33
11 68 13 00-0568	EA		HealthBeat Outdoor Fitness System, Squat Press, Surface Mount (Landscape Structures® 161310B)	7,270.06	224.33
11 68 13 00-0569	EA		HealthBeat Outdoor Fitness System, Tai Chi Wheels, Direct Bury (Landscape Structures® 161311A)	4,134.97	168.25
11 68 13 00-0570	EA		HealthBeat Outdoor Fitness System, Tai Chi Wheels, Surface Mount (Landscape Structures® 161311B)	3,723.94	168.25
11 68 13 00-0571	EA		HealthBeat Outdoor Fitness System, Cardio Stepper, Direct Bury (Landscape Structures® 161312A)	9,592.22	280.42
11 68 13 00-0572	EA		HealthBeat Outdoor Fitness System, Cardio Stepper, Surface Mount (Landscape Structures® 161312B)	9,190.32	280.42
11 68 13 00-0573	EA		HealthBeat Outdoor Fitness System, Pull-Up/Dip, Direct Bury (Landscape Structures® 161313A)	3,723.94	168.25
11 68 13 00-0574	EA		HealthBeat Outdoor Fitness System, Pull-Up/Dip, Surface Mount (Landscape Structures® 161313B)	3,322.04	168.25
11 68 13 00-0575	EA		HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Direct Bury (Landscape Structures® 161314A)	3,623.46	168.25
11 68 13 00-0576	EA		HealthBeat Outdoor Fitness System, Ab Crunch/Leg Lift, Surface Mount (Landscape Structures® 161314B)	3,322.04	168.25
11 68 13 00-0577	EA		HealthBeat Outdoor Fitness System, Balance Steps, Direct Bury (Landscape Structures® 161315A)	4,335.86	168.25
11 68 13 00-0578	EA		HealthBeat Outdoor Fitness System, Balance Steps, Surface Mount (Landscape Structures® 161315B)	4,536.86	168.25
11 68 13 00-0579	EA		HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Direct Bury (Landscape Structures® 161316A)	3,422.52	168.25
11 68 13 00-0580	EA		HealthBeat Outdoor Fitness System, Assisted RoWith Push-Up, Surface Mount (Landscape Structures® 161316B)	3,322.04	168.25
11 68 13 00-0581	EA		HealthBeat Outdoor Fitness System, Plyometrics, Direct Bury (Landscape Structures® 161317A)	4,335.92	168.25
11 68 13 00-0582	EA		HealthBeat Outdoor Fitness System, Plyometrics, Surface Mount (Landscape Structures® 161317B)	4,536.86	168.25
11 68 13 00-0583	EA		HealthBeat Outdoor Fitness System, Welcome Intro Sign, Direct Bury (Landscape Structures® 161437A)	1,602.71	112.17
11 68 13 00-0584	EA		HealthBeat Outdoor Fitness System, Welcome Intro Sign, Surface Mount (Landscape Structures® 161437B)	1,107.34	56.08
11 68 13 00-0585	EA		Global Releaf Sign With Frame (Landscape Structures® 162617A)	988.60	56.08
11 68 13 00-0586	EA		Single, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164074A)	1,280.89	56.08
11 68 13 00-0587	EA		Single, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164074B)	1,620.98	112.17
11 68 13 00-0588	EA		Double, Bobble Riders With Coil Spring, Surface Mount (Landscape Structures® 164075A)	2,470.44	112.17
11 68 13 00-0589	EA		Double, Bobble Riders With Coil Spring, Direct Bury (Landscape Structures® 164075B)	2,653.12	112.17
11 68 13 00-0590	EA		16" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157A)	1,885.86	112.17
11 68 13 00-0591	EA		24" Pod, Noodle Pod Steps With Two E-Pod Steps, (Direct Bury Only) (Landscape Structures® 164157B)	1,904.13	112.17
11 68 13 00-0592			Playground Equipment (Landscape Structures® PlayBooster®) (11 68 13 00-0122)		
11 68 13 00-0593	EA		116" Aluminum Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273A)	1,757.99	112.17
11 68 13 00-0594	EA		Log Roll, (1) Aluminum Post, Tan Log Only (Landscape Structures® PlayBooster® 111356A)	1,885.86	112.17
11 68 13 00-0595	EA		Chinning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357A)	751.12	56.08
11 68 13 00-0596	EA		Turning Bar, (1) Aluminum Post (Landscape Structures® PlayBooster® 111357B)	714.58	56.08
11 68 13 00-0597	EA		182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403A)	576.50	28.04
11 68 13 00-0598	EA		174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403B)	567.37	28.04
11 68 13 00-0599	EA		166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403C)	539.97	28.04
11 68 13 00-0600	EA		158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403D)	530.83	28.04
11 68 13 00-0601	EA		150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403E)	503.43	28.04
11 68 13 00-0602	EA		142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403F)	494.30	28.04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0603 EA 134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403G).....	476.03	28.04
11 68 13 00-0604 EA 126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403H).....	466.89	28.04
11 68 13 00-0605 EA 118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403I).....	439.49	28.04
11 68 13 00-0606 EA 110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403J).....	430.36	28.04
11 68 13 00-0607 EA 148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404A).....	503.43	28.04
11 68 13 00-0608 EA 140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404B).....	485.16	28.04
11 68 13 00-0609 EA 132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404C).....	476.03	28.04
11 68 13 00-0610 EA 124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404D).....	466.89	28.04
11 68 13 00-0611 EA 116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404E).....	439.49	28.04
11 68 13 00-0612 EA 108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404F).....	430.36	28.04
11 68 13 00-0613 EA 100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404G).....	421.22	28.04
11 68 13 00-0614 EA 92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404H).....	402.96	28.04
11 68 13 00-0615 EA 84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404I).....	384.69	28.04
11 68 13 00-0616 EA 76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404J).....	357.29	28.04
11 68 13 00-0617 EA 106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405A).....	705.45	56.08
11 68 13 00-0618 EA 98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405B).....	678.05	56.08
11 68 13 00-0619 EA 90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405C).....	650.64	56.08
11 68 13 00-0620 EA 82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405D).....	585.64	28.04
11 68 13 00-0621 EA 74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405E).....	576.50	28.04
11 68 13 00-0622 EA 66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405F).....	558.23	28.04
11 68 13 00-0623 EA 58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405G).....	530.83	28.04
11 68 13 00-0624 EA 50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405H).....	521.70	28.04
11 68 13 00-0625 EA 42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 111405I).....	503.43	28.04
11 68 13 00-0626 EA ClouDirect Buryurst Triple Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 144414A).....	5,711.11	186.94
11 68 13 00-0627 EA TurboTwister Tunnel Slide, 96" Deck, Excludes Posts (Landscape Structures® PlayBooster® 123763A).....	7,298.98	504.74
11 68 13 00-0628 EA Double Poly Slide, 32" Deck (Landscape Structures® PlayBooster® 123331A).....	2,425.83	140.20
11 68 13 00-0629 EA Double Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123331B).....	2,690.72	140.20
11 68 13 00-0630 EA Double Swoosh Poly Slide, 64" - 72" Deck (Landscape Structures® PlayBooster® 130390A).....	3,121.09	168.25
11 68 13 00-0631 EA 40" Deck, El Slide (Landscape Structures® PlayBooster® 126368A).....	3,819.30	158.90
11 68 13 00-0632 EA 48" Deck, El Slide (Landscape Structures® PlayBooster® 126368B).....	4,354.18	168.25
11 68 13 00-0633 EA 56" Deck, El Slide (Landscape Structures® PlayBooster® 126368C).....	4,609.94	168.25
11 68 13 00-0634 EA 64" Deck, El Slide (Landscape Structures® PlayBooster® 126368D).....	5,163.07	186.94
11 68 13 00-0635 EA 72" Deck, El Slide (Landscape Structures® PlayBooster® 126368E).....	5,409.69	186.94
11 68 13 00-0636 EA 96" Deck, El Slide, Excludes Posts (Landscape Structures® PlayBooster® 126368F).....	7,238.62	243.02
11 68 13 00-0637 EA Firepole With Permalene® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148426A).....	1,109.47	112.17
11 68 13 00-0638 EA Firepole With Permalene® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148426B).....	1,136.88	112.17
11 68 13 00-0639 EA Firepole With SteelX® Handholds 32" To 48" Deck (Landscape Structures® PlayBooster® 148435A).....	1,511.37	112.17
11 68 13 00-0640 EA Firepole With SteelX® Handholds 56" To 72" Deck (Landscape Structures® PlayBooster® 148435B).....	1,557.04	112.17
11 68 13 00-0641 EA 32" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800A).....	5,739.80	336.49
11 68 13 00-0642 EA 40" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800B).....	6,634.93	336.49
11 68 13 00-0643 EA 48" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800C).....	7,155.57	336.49
11 68 13 00-0644 EA 56" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800D).....	8,438.59	448.66
11 68 13 00-0645 EA 64" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800E).....	8,648.67	448.66
11 68 13 00-0646 EA 72" Deck, Gemini SlideWinder2 (Landscape Structures® PlayBooster® 130800F).....	10,128.38	448.66
11 68 13 00-0647 EA 96" Deck, Gemini SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 130800G).....	11,932.05	560.82
11 68 13 00-0648 EA 40" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333A).....	9,463.28	252.37
11 68 13 00-0649 EA 56" Deck, Rollerslide (Landscape Structures® PlayBooster® 123333B).....	11,904.19	308.45
11 68 13 00-0650 EA Single Poly Slide, 40" - 48" Deck (Landscape Structures® PlayBooster® 123337A).....	2,068.54	112.17
11 68 13 00-0651 EA 32" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863A).....	2,737.47	168.25
11 68 13 00-0652 EA 40" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863B).....	3,057.16	168.25
11 68 13 00-0653 EA 48" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863C).....	3,413.38	168.25
11 68 13 00-0654 EA 56" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863D).....	3,863.08	224.33
11 68 13 00-0655 EA 64" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863E).....	4,027.49	224.33
11 68 13 00-0656 EA 72" Deck, SlideWinder2 (Landscape Structures® PlayBooster® 124863F).....	4,612.07	224.33
11 68 13 00-0657 EA 96" Deck, SlideWinder2, Excludes Posts (Landscape Structures® PlayBooster® 124863G).....	5,509.32	280.42
11 68 13 00-0658 EA 72" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033A).....	8,200.04	420.62
11 68 13 00-0659 EA 72" Slide, With Hanger Bracket, 64" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033B).....	8,531.84	383.23
11 68 13 00-0660 EA 56" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033C).....	7,432.79	420.62
11 68 13 00-0661 EA 56" Slide, With Hanger Bracket, 48" Deck, SpyroSlide (Landscape Structures® PlayBooster® 122033D).....	7,737.18	383.23
11 68 13 00-0662 EA 32" - 40" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340A).....	2,946.47	140.20
11 68 13 00-0663 EA 48" - 56" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340B).....	3,211.35	140.20
11 68 13 00-0664 EA 64" - 72" Deck, Stainless Steel Slide (Landscape Structures® PlayBooster® 123340C).....	3,978.61	140.20
11 68 13 00-0665 EA 32" - 40" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945A).....	3,266.16	140.20
11 68 13 00-0666 EA 48" - 56" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945B).....	3,531.04	140.20
11 68 13 00-0667 EA 64" - 72" Deck, SteelX, Stainless Steel Slide (Landscape Structures® PlayBooster® 139945C).....	4,316.57	140.20
11 68 13 00-0668 EA 32" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367A).....	3,330.10	140.20
11 68 13 00-0669 EA 40" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367B).....	3,531.04	140.20
11 68 13 00-0670 EA 48" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367C).....	4,065.92	158.90
11 68 13 00-0671 EA 56" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367D).....	4,299.38	168.25
11 68 13 00-0672 EA 64" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367E).....	4,810.88	168.25
11 68 13 00-0673 EA 72" Deck, Tunnel Slide (Landscape Structures® PlayBooster® 126367F).....	4,984.43	168.25
11 68 13 00-0674 EA 96" Deck, Tunnel Slide, Excludes Posts (Landscape Structures® PlayBooster® 126367G).....	6,575.88	224.33
11 68 13 00-0675 EA Step Deck, 16" - 32" Decks, Brown Only (Landscape Structures® PlayBooster® 111465A).....	1,189.55	56.08
11 68 13 00-0676 EA Sky Rail Climber, 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 146812A).....	2,104.01	84.12
11 68 13 00-0677 EA Stepping Block Climber, 32" Deck Height Difference (Landscape Structures® PlayBooster® 130742A).....	4,765.21	168.25
11 68 13 00-0678 EA 32" Deck, Block Climber (Landscape Structures® PlayBooster® 135344A).....	3,045.05	214.98
11 68 13 00-0679 EA 40" Deck, Block Climber (Landscape Structures® PlayBooster® 135344B).....	3,556.55	214.98
11 68 13 00-0680 EA 32" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491A).....	3,456.08	214.98
11 68 13 00-0681 EA 40" Deck, SteelX, Block Climber (Landscape Structures® PlayBooster® 139491B).....	3,985.85	214.98
11 68 13 00-0682 EA Fish Net Climber, CableCore Climbing Cable, 16" - 32" Deck (Landscape Structures® PlayBooster® 126194A).....	3,773.63	158.90
11 68 13 00-0683 EA Wavy Web Climber, 48" - 56" Deck (Landscape Structures® PlayBooster® 126273A).....	3,966.54	168.25

11 Equipment

11 60 Entertainment and Recreation Equipment

11 68 Play Field Equipment and Structures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0684	EA		Wavy Web Climber, 64" - 72" Deck (Landscape Structures® PlayBooster® 126273B)	3,970.56	168.25
11 68 13 00-0685	EA		Wavy Web Climber, 48" - 56" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442A)	4,463.79	168.25
11 68 13 00-0686	EA		Wavy Web Climber, 64" - 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126442B)	4,728.68	168.25
11 68 13 00-0687	EA		Circus Ladder, CableCore Climbing Cable, 48" Deck (Landscape Structures® PlayBooster® 126272B)	1,769.26	168.25
11 68 13 00-0688	EA		Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck (Landscape Structures® PlayBooster® 126272C)	1,869.74	168.25
11 68 13 00-0689	EA		Circus Ladder, CableCore Climbing Cable, 72" Deck (Landscape Structures® PlayBooster® 126272D)	1,997.61	168.25
11 68 13 00-0690	EA		Circus Ladder, CableCore Climbing Cable, 32" - 40" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441A)	2,426.91	168.25
11 68 13 00-0691	EA		Circus Ladder, CableCore Climbing Cable, 48" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441B)	2,527.38	168.25
11 68 13 00-0692	EA		Circus Ladder, CableCore Climbing Cable, 56" - 64" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441C)	2,655.26	168.25
11 68 13 00-0693	EA		Circus Ladder, CableCore Climbing Cable, 72" Deck, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 126441D)	2,755.73	168.25
11 68 13 00-0694	EA		Spider Web Climber, 16" - 32" Decks (Direct Bury Only) (Landscape Structures® PlayBooster® 136158A)	3,954.42	224.33
11 68 13 00-0695	EA		Chimney Climber, 56" - 64" Deck (Landscape Structures® PlayBooster® 153617A)	5,105.30	224.33
11 68 13 00-0696	EA		Chimney Climber, 72" Deck (Landscape Structures® PlayBooster® 153617B)	5,781.22	224.33
11 68 13 00-0697	EA		Chimney Climb Across, Straight, 72" To 72" Deck Or 64" To 64" Deck (Landscape Structures® PlayBooster® 155042A)	7,251.79	224.33
11 68 13 00-0698	EA		Chimney Climb Across, Straight, 56" To 56" Deck (Landscape Structures® PlayBooster® 155042B)	6,539.34	224.33
11 68 13 00-0699	EA		Chimney Climb Across, Straight, 48" To 48" Deck Or 40" To 40" Deck (Landscape Structures® PlayBooster® 155042C)	5,781.22	224.33
11 68 13 00-0700	EA		Chimney Climb Across, Straight, 32" To 32" Deck (Landscape Structures® PlayBooster® 155042D)	4,995.69	224.33
11 68 13 00-0701	EA		Chimney Climb Across, 24" Difference, 72" To 48" Deck Or 64" To 40" Deck (Landscape Structures® PlayBooster® 155043A)	6,977.77	224.33
11 68 13 00-0702	EA		Chimney Climb Across, 24" Difference, 56" To 32" Deck (Landscape Structures® PlayBooster® 155043B)	6,539.34	224.33
11 68 13 00-0703	EA		Chimney Climb Across, 24" Difference, 48" To 24" Deck (Landscape Structures® PlayBooster® 155043C)	6,100.91	224.33
11 68 13 00-0704	EA		48" - 56" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975A)	3,057.16	168.25
11 68 13 00-0705	EA		64" - 72" Deck, Cascade Climber (Direct Bury Only) (Landscape Structures® PlayBooster® 150975B)	3,979.69	168.25
11 68 13 00-0706	EA		24" Deck Height Difference, Catwalk Climber (Landscape Structures® PlayBooster® 128986A)	2,380.16	140.20
11 68 13 00-0707	EA		48" - 56" Deck, Centipede Climber (Landscape Structures® PlayBooster® 123291A)	2,037.11	130.85
11 68 13 00-0708	EA		48" - 56" Deck, 90 Degree Tri-Deck, Centipede Climber (Landscape Structures® PlayBooster® 126376A)	2,749.56	130.85
11 68 13 00-0709	EA		48" - 56" Deck, SteelX, Centipede Climber (Landscape Structures® PlayBooster® 139496A)	2,429.87	130.85
11 68 13 00-0710	EA		40" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352A)	2,151.81	140.20
11 68 13 00-0711	EA		48" - 56" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352B)	2,261.42	140.20
11 68 13 00-0712	EA		64" - 72" Deck, 90 Degree Tri-Deck, Chain Ladder (Landscape Structures® PlayBooster® 153352C)	2,352.76	140.20
11 68 13 00-0713	EA		40" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350A)	1,348.02	140.20
11 68 13 00-0714	EA		48" - 56" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350B)	1,421.09	140.20
11 68 13 00-0715	EA		64" - 72" Deck, Chain Ladder (Landscape Structures® PlayBooster® 153350C)	1,539.83	140.20
11 68 13 00-0716	EA		40" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351A)	1,740.78	140.20
11 68 13 00-0717	EA		48" - 56" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351B)	1,813.85	140.20
11 68 13 00-0718	EA		64" - 72" Deck, SteelX, Chain Ladder, Direct Bury (Landscape Structures® PlayBooster® 153351C)	1,914.33	140.20
11 68 13 00-0719	EA		48" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570A)	2,352.76	140.20
11 68 13 00-0720	EA		56" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570B)	2,371.03	140.20
11 68 13 00-0721	EA		64" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570C)	2,800.32	140.20
11 68 13 00-0722	EA		72" Deck, Cliff Climber (Landscape Structures® PlayBooster® 122570D)	2,818.59	140.20
11 68 13 00-0723	EA		48" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501A)	2,736.39	140.20
11 68 13 00-0724	EA		56" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501B)	2,782.06	140.20
11 68 13 00-0725	EA		64" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501C)	3,211.35	140.20
11 68 13 00-0726	EA		72" Deck, SteelX, Cliff Climber (Landscape Structures® PlayBooster® 139501D)	3,238.76	140.20
11 68 13 00-0727	EA		72" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199A)	5,387.39	196.29
11 68 13 00-0728	EA		40" Deck, Conical Climber (Landscape Structures® PlayBooster® 143199B)	4,400.91	196.29
11 68 13 00-0729	EA		32" - 48" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432A)	1,529.64	112.17
11 68 13 00-0730	EA		64" - 72" Deck, Corkscrew Climber (Landscape Structures® PlayBooster® 148432B)	1,730.59	112.17
11 68 13 00-0731	EA		32" - 48" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437A)	1,931.53	112.17
11 68 13 00-0732	EA		56" - 72" Deck, SteelX, Corkscrew Climber (Landscape Structures® PlayBooster® 148437B)	2,187.29	112.17
11 68 13 00-0733	EA		64" - 72" Deck, Corner Climber (Landscape Structures® PlayBooster® 143198A)	5,243.37	252.37
11 68 13 00-0734	EA		SpaceLink Climber, Net Climber, 72" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145106A)	7,301.26	84.12
11 68 13 00-0735	EA		Manta Ray Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108A)	7,196.99	224.33
11 68 13 00-0736	EA		Manta Ray Climber, Net Climber, 56" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108B)	7,196.99	224.33
11 68 13 00-0737	EA		Manta Ray Climber, 64" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145108C)	7,196.99	224.33
11 68 13 00-0738	EA		SpaceLink Climber, Net Climber, 48" Deck, (Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 145240A)	7,301.26	84.12
11 68 13 00-0739	EA		Star Seeker Climber, Net Climber, 72" Deck (Attaches To Square Decks Only, Steel Posts Required, Direct Bury Only) (Landscape Structures® PlayBooster® 148039A)	4,589.53	112.17
11 68 13 00-0740	EA		SpaceWalk Climber, Net Climber, Deck-To-Deck, 32" - 48" Deck (Landscape Structures® PlayBooster® 145107A)	9,430.55	112.17
11 68 13 00-0741	EA		Funnel Climber, Net Climber (Landscape Structures® PlayBooster® 145109A)	5,193.43	140.20
11 68 13 00-0742	EA		Funnel Climber, Short Brace, Net Climber (Landscape Structures® PlayBooster® 145248A)	229.41	28.04
11 68 13 00-0743	EA		Funnel Climber, Long Brace, Net Climber (Landscape Structures® PlayBooster® 145249A)	265.95	28.04
11 68 13 00-0744	EA		Funnel Climber, Vertical Ladder, Net Climber (Landscape Structures® PlayBooster® 145250A)	1,024.07	28.04
11 68 13 00-0745	EA		Funnel Climber, Handhold Panels, Net Climber (Landscape Structures® PlayBooster® 145251A)	357.29	28.04
11 68 13 00-0746	EA		40" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293A)	3,203.30	168.25
11 68 13 00-0747	EA		48" Deck, Cozy Climber (Landscape Structures® PlayBooster® 123293B)	3,440.78	168.25
11 68 13 00-0748	EA		40" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374A)	3,605.20	168.25
11 68 13 00-0749	EA		48" Deck, 90 Degree Tri-Deck, Cozy Climber (Landscape Structures® PlayBooster® 126374B)	3,943.15	168.25
11 68 13 00-0750	EA		40" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500A)	3,605.20	168.25
11 68 13 00-0751	EA		48" Deck, SteelX, Cozy Climber (Landscape Structures® PlayBooster® 139500B)	3,870.08	168.25
11 68 13 00-0752	EA		1-Step With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907A)	1,802.59	84.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0753 EA 2-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907B).....	2,569.84	84.12
11 68 13 00-0754 EA 3-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907C).....	3,346.23	84.12
11 68 13 00-0755 EA 4-Steps With Barrier, Deck Links (Landscape Structures® PlayBooster® 152907D).....	4,113.49	84.12
11 68 13 00-0756 EA 1-Step With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908A).....	1,738.65	84.12
11 68 13 00-0757 EA 2-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908B).....	1,994.40	84.12
11 68 13 00-0758 EA 3-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908C).....	2,259.29	84.12
11 68 13 00-0759 EA 4-Steps With Handrail, Deck Links (Landscape Structures® PlayBooster® 152908D).....	2,368.90	84.12
11 68 13 00-0760 EA 1-Step With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910A).....	2,085.74	84.12
11 68 13 00-0761 EA 2-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910B).....	2,359.76	84.12
11 68 13 00-0762 EA 3-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910C).....	2,615.51	84.12
11 68 13 00-0763 EA 4-Steps With Handrail, SteelX, Deck Links (Landscape Structures® PlayBooster® 152910D).....	2,871.27	84.12
11 68 13 00-0764 EA 48" To 48" Deck Or 56" To 56" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916A).....	4,939.82	196.29
11 68 13 00-0765 EA 64" To 64" Deck Or 72" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916B).....	5,067.70	196.29
11 68 13 00-0766 EA 48" To 64" Deck Or 56" To 72" Deck, Double Wave Climber (Landscape Structures® PlayBooster® 122916C).....	4,994.62	196.29
11 68 13 00-0767 EA 48" To 48" Deck Or 56" To 56" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488A).....	5,752.75	196.29
11 68 13 00-0768 EA 64" To 64" Deck Or 72" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488B).....	5,880.62	196.29
11 68 13 00-0769 EA 48" To 64" Deck Or 56" To 72" Deck, SteelX, Double Wave Climber (Landscape Structures® PlayBooster® 139488C).....	5,825.82	196.29
11 68 13 00-0770 EA 40" - 48" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914A).....	1,896.06	140.20
11 68 13 00-0771 EA 56" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914B).....	2,087.87	140.20
11 68 13 00-0772 EA 64" - 72" Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 122914C).....	2,288.82	140.20
11 68 13 00-0773 EA 40" - 48" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688A).....	2,454.31	168.25
11 68 13 00-0774 EA 56" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688B).....	2,655.26	168.25
11 68 13 00-0775 EA 64" - 72" Deck, 90 Degree Tri-Deck, Loop Arch Climber (Landscape Structures® PlayBooster® 125688C).....	2,847.07	168.25
11 68 13 00-0776 EA 40" - 48" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493A).....	2,297.95	140.20
11 68 13 00-0777 EA 56" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493B).....	2,480.63	140.20
11 68 13 00-0778 EA 64" - 72" Deck, SteelX, Loop Arch Climber (Landscape Structures® PlayBooster® 139493C).....	2,690.72	140.20
11 68 13 00-0779 EA 40" - 48" Deck, Loop Ladder (Landscape Structures® PlayBooster® 128252A).....	1,310.42	112.17
11 68 13 00-0780 EA 40" - 48" Deck, SteelX, Loop Ladder (Landscape Structures® PlayBooster® 139495A).....	1,712.32	112.17
11 68 13 00-0781 EA 32" - 48" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434A).....	1,529.64	112.17
11 68 13 00-0782 EA 56" - 72" Deck, Loop Pole (Landscape Structures® PlayBooster® 148434B).....	1,657.51	112.17
11 68 13 00-0783 EA 32" - 48" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438A).....	1,931.53	112.17
11 68 13 00-0784 EA 56" - 72" Deck, SteelX, Loop Pole (Landscape Structures® PlayBooster® 148438B).....	2,041.14	112.17
11 68 13 00-0785 EA 24" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247A).....	1,139.85	74.78
11 68 13 00-0786 EA 32" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247B).....	1,258.59	74.78
11 68 13 00-0787 EA 40" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247C).....	1,404.73	74.78
11 68 13 00-0788 EA 48" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247D).....	1,683.85	84.12
11 68 13 00-0789 EA 56" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247E).....	1,903.06	84.12
11 68 13 00-0790 EA 64" Deck Height Difference, Panel Vertical Ladder, Deck-To-Deck Or Deck-To-Ground (Landscape Structures® PlayBooster® 116247F).....	2,104.01	84.12
11 68 13 00-0791 EA 72" Deck-To-Ground, Panel Vertical Ladder (Landscape Structures® PlayBooster® 116247G).....	2,378.03	84.12
11 68 13 00-0792 EA 48" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915A).....	2,478.50	84.12
11 68 13 00-0793 EA 64" Deck Height Difference, Single Wave Climber (Landscape Structures® PlayBooster® 122915B).....	2,569.84	84.12
11 68 13 00-0794 EA 48" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487A).....	2,880.40	84.12
11 68 13 00-0795 EA 64" Deck Height Difference, SteelX, Single Wave Climber (Landscape Structures® PlayBooster® 139487B).....	2,980.87	84.12
11 68 13 00-0796 EA 48" - 56" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913A).....	2,434.96	140.20
11 68 13 00-0797 EA 64" - 72" Deck, Snake Climber (Landscape Structures® PlayBooster® 122913B).....	2,553.71	140.20
11 68 13 00-0798 EA 48" - 56" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375A).....	3,340.31	168.25
11 68 13 00-0799 EA 64" - 72" Deck, 90 Degree Tri-Deck, Snake Climber (Landscape Structures® PlayBooster® 126375B).....	3,486.45	168.25
11 68 13 00-0800 EA 48" - 56" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490A).....	2,836.86	140.20
11 68 13 00-0801 EA 64" - 72" Deck, SteelX, Snake Climber (Landscape Structures® PlayBooster® 139490B).....	2,946.47	140.20
11 68 13 00-0802 EA 32" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533A).....	1,283.02	112.17
11 68 13 00-0803 EA 40" - 48" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533B).....	1,730.59	112.17
11 68 13 00-0804 EA 56" - 64" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533C).....	2,183.25	130.85
11 68 13 00-0805 EA 72" Deck, Spiral Climber (Landscape Structures® PlayBooster® 122533D).....	2,639.95	130.85
11 68 13 00-0806 EA 32" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246A).....	2,105.08	112.17
11 68 13 00-0807 EA 40" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246B).....	2,242.09	112.17
11 68 13 00-0808 EA 48" - 56" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246C).....	2,561.78	112.17
11 68 13 00-0809 EA 64" - 72" Deck, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 116246D).....	2,881.47	112.17
11 68 13 00-0810 EA 32" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492A).....	2,516.11	112.17
11 68 13 00-0811 EA 40" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492B).....	2,643.99	112.17
11 68 13 00-0812 EA 48" - 56" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492C).....	2,963.68	112.17
11 68 13 00-0813 EA 64" - 72" Deck, SteelX, Step Ladder, Direct Bury (Landscape Structures® PlayBooster® 139492D).....	3,292.50	112.17
11 68 13 00-0814 EA Mini Summit Climber 40" To 48" Decks (Landscape Structures® PlayBooster® 153076A).....	1,542.74	168.25
11 68 13 00-0815 EA 64" And 72" Decks, (64" Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 128608A).....	1,840.19	112.17
11 68 13 00-0816 EA PlayOdyssey 72" Deck (Landscape Structures® PlayBooster® 129453A).....	2,006.75	168.25
11 68 13 00-0817 EA 48" Deck-To-Ground, Thunderhead Climber With Aluminum Posts (Landscape Structures® PlayBooster® 139778A).....	8,228.51	448.66
11 68 13 00-0818 EA 48" Deck-To-Ground, Thunderhead Climber With Steel Posts (Landscape Structures® PlayBooster® 139778B).....	8,228.51	448.66
11 68 13 00-0819 EA 48" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624A).....	1,639.25	112.17
11 68 13 00-0820 EA 56" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624B).....	1,639.25	112.17
11 68 13 00-0821 EA 64" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624C).....	1,812.79	112.17
11 68 13 00-0822 EA 72" Deck, Vertical Ascent Climber (Landscape Structures® PlayBooster® 145624D).....	1,812.79	112.17
11 68 13 00-0823 EA 24" - 32" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249A).....	1,053.60	84.12
11 68 13 00-0824 EA 40" - 48" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249B).....	1,135.81	84.12
11 68 13 00-0825 EA 56" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249C).....	1,190.61	84.12

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-0826	EA	64" - 72" Deck, Vertical Ladder (Landscape Structures® PlayBooster® 116249D).....	1,263.68	84.12
11 68 13 00-0827	EA	24" - 32" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372A).....	1,665.58	84.12
11 68 13 00-0828	EA	40" - 48" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372B).....	1,738.65	84.12
11 68 13 00-0829	EA	56" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372C).....	1,802.59	84.12
11 68 13 00-0830	EA	64" - 72" Deck, 90 Degree Tri-Deck, Vertical Ladder (Landscape Structures® PlayBooster® 126372D).....	1,884.79	84.12
11 68 13 00-0831	EA	24" - 32" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494A).....	1,446.36	84.12
11 68 13 00-0832	EA	40" - 48" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494B).....	1,501.17	84.12
11 68 13 00-0833	EA	56" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494C).....	1,583.37	84.12
11 68 13 00-0834	EA	64" - 72" Deck, SteelX, Vertical Ladder (Landscape Structures® PlayBooster® 139494D).....	1,665.58	84.12
11 68 13 00-0835	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284D).....	1,211.01	140.20
11 68 13 00-0836	EA	64" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284E).....	1,256.68	140.20
11 68 13 00-0837	EA	72" Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 123284F).....	1,338.88	140.20
11 68 13 00-0838	EA	32" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371A).....	1,704.24	140.20
11 68 13 00-0839	EA	40" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371B).....	1,777.32	140.20
11 68 13 00-0840	EA	48" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371C).....	1,832.12	140.20
11 68 13 00-0841	EA	56" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371D).....	1,896.06	140.20
11 68 13 00-0842	EA	64" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371E).....	1,960.00	140.20
11 68 13 00-0843	EA	72" Deck, 90 Degree Tri-Deck, Wiggle Ladder (Landscape Structures® PlayBooster® 126371F).....	2,023.93	140.20
11 68 13 00-0844	EA	32" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502A).....	1,421.09	140.20
11 68 13 00-0845	EA	40" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502B).....	1,494.16	140.20
11 68 13 00-0846	EA	48" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502C).....	1,539.83	140.20
11 68 13 00-0847	EA	56" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502D).....	1,585.50	140.20
11 68 13 00-0848	EA	64" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502E).....	1,640.31	140.20
11 68 13 00-0849	EA	72" Deck, SteelX, Wiggle Ladder (Landscape Structures® PlayBooster® 139502F).....	1,722.51	140.20
11 68 13 00-0850	EA	Overhead Events Air Dancer Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 121952A).....	2,470.44	112.17
11 68 13 00-0851	EA	Overhead Events Swing Out Overhead Event, 16" Deck Height Only (Landscape Structures® PlayBooster® 120872A).....	1,738.65	84.12
11 68 13 00-0852	EA	Overhead Events Triple Ring Fling Overhead Event, 24" Or 32" Deck-To-Ground (Landscape Structures® PlayBooster® 123824A).....	3,486.45	168.25
11 68 13 00-0853	EA	Overhead Events Ring Pull, Brown Rings Only, Intended For Wheelchair Users (Landscape Structures® PlayBooster® 130873A).....	869.86	56.08
11 68 13 00-0854	EA	Overhead Events 90 Degree Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142890A).....	2,470.44	112.17
11 68 13 00-0855	EA	Overhead Events Circular Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142891A).....	4,454.66	168.25
11 68 13 00-0856	EA	Overhead Events C-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142883A).....	3,531.04	140.20
11 68 13 00-0857	EA	Overhead Events Ring-a-Ling Overhead Event, Max. 32" Decks (Landscape Structures® PlayBooster® 126203A).....	3,340.31	168.25
11 68 13 00-0858	EA	Overhead Events Wave Net, CableCore Climbing Cable, Max. 32" Decks (Landscape Structures® PlayBooster® 126274A).....	3,750.26	140.20
11 68 13 00-0859	EA	Overhead Events Trapeze Horizontal Ladder, 18" Wide, Max. 32" Decks (Landscape Structures® PlayBooster® 111468A).....	2,407.56	140.20
11 68 13 00-0860	EA	Overhead Events Inclined Horizontal Ladder, 16" - 32" Decks, 16" Incline (Landscape Structures® PlayBooster® 142889A).....	1,536.64	56.08
11 68 13 00-0861	EA	Overhead Events Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142887A).....	1,500.11	56.08
11 68 13 00-0862	EA	Overhead Events Overhead Parallel Bars, Max. 32" Decks (Landscape Structures® PlayBooster® 119430A).....	1,582.31	56.08
11 68 13 00-0863	EA	Overhead Events Horizontal Ladder, 84" Module, Max. 16" Decks, 12" Max. Rung Spacing (Landscape Structures® PlayBooster® 139782A).....	1,216.95	56.08
11 68 13 00-0864	EA	Overhead Events Wave Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 119613A).....	1,691.92	56.08
11 68 13 00-0865	EA	Overhead Events Single Beam Loop Horizontal Ladder, 84" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119805A).....	1,353.96	56.08
11 68 13 00-0866	EA	Overhead Events Single Beam Loop Horizontal Ladder, 123" Module, Max. 32" Decks (Landscape Structures® PlayBooster® 119806A).....	1,728.46	56.08
11 68 13 00-0867	EA	Overhead Events S-Horizontal Ladder, Max. 32" Decks (Landscape Structures® PlayBooster® 142884A).....	3,531.04	140.20
11 68 13 00-0868	EA	Overhead Events Single S-Parallel Bar, Max. 32" Decks (Landscape Structures® PlayBooster® 119979A).....	1,500.11	56.08
11 68 13 00-0869	EA	Overhead Events Wiggle Ring Bridge, Max. 32" Decks (Landscape Structures® PlayBooster® 148639A).....	2,613.38	28.04
11 68 13 00-0870	EA	Overhead Events S-Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467A).....	2,222.75	84.12
11 68 13 00-0871	EA	Overhead Events Ring Bridge, With (2) 2" Crossovers, Max. 32" Decks, Brown Rings Only (Landscape Structures® PlayBooster® 111467B).....	1,967.00	84.12
11 68 13 00-0872	EA	116" Steel Posts, End Vertical Ladder (Landscape Structures® PlayBooster® 111273B).....	1,675.78	112.17
11 68 13 00-0873	EA	132" Steel Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208B).....	1,767.12	112.17
11 68 13 00-0874	EA	10' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 111353A).....	3,329.04	112.17
11 68 13 00-0875	EA	18' Module, Track Ride Without Supports, With (2) Crossovers, Max. 16" Decks (Landscape Structures® PlayBooster® 112465A).....	3,749.20	112.17
11 68 13 00-0876	EA	16" - 24" Decks, Spring Across Bridge (Landscape Structures® PlayBooster® 136156A).....	4,731.87	252.37
11 68 13 00-0877	EA	90 Degree, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120211A).....	6,029.96	280.42
11 68 13 00-0878	EA	C Or S, 8" - 72" Decks, Curved Bridge, Bridge Planks Brown Only (Landscape Structures® PlayBooster® 120689A).....	13,073.80	560.82
11 68 13 00-0879	EA	16" To 32" Deck, Pod Bridge, Direct Bury (Landscape Structures® PlayBooster® 127234A).....	7,155.57	336.49
11 68 13 00-0880	EA	42" Module, Arch Bridge, Permalene Barrier, Bridge Plank (Landscape Structures® PlayBooster® 114665A).....	2,861.07	56.08
11 68 13 00-0881	EA	42" Module, Arch Bridge, SteelX, Bridge Plank (Landscape Structures® PlayBooster® 139383A).....	3,052.89	56.08
11 68 13 00-0882	EA	123" Module, Arch Bridge With Guardrail, Max. 40" Decks (Landscape Structures® PlayBooster® 143677A).....	5,558.79	140.20
11 68 13 00-0883	EA	123" Module, Arch Bridge With Barrier, Max. 72" Decks (Landscape Structures® PlayBooster® 143677B).....	7,175.51	140.20
11 68 13 00-0884	EA	42" Module, Belt Bridge, Permalene Barrier (Landscape Structures® PlayBooster® 114373A).....	2,907.80	84.12
11 68 13 00-0885	EA	84" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120310A).....	4,365.45	224.33
11 68 13 00-0886	EA	123" Module, 24" - 48" Decks, Belt Bridge (Landscape Structures® PlayBooster® 120624A).....	5,059.63	224.33
11 68 13 00-0887	EA	Bridge/Ramp Transition Bracket, Brown Only (Landscape Structures® PlayBooster® 111345A).....	430.36	28.04
11 68 13 00-0888	EA	Ramp Exit/Wall Mount Plate, Surface Mount, Brown Only (Landscape Structures® PlayBooster® 111346A).....	633.44	84.12
11 68 13 00-0889	EA	Ramp Exit Plate, Direct Bury, Brown Only (Landscape Structures® PlayBooster® 111346B).....	779.58	84.12
11 68 13 00-0890	EA	Ramp Berm Exit Plate, Brown Only (Landscape Structures® PlayBooster® 120325A).....	615.17	84.12
11 68 13 00-0891	EA	84" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143194A).....	4,737.81	168.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0892	EA	123" Module, Clatterbridge, Brown Planks Only, With Handrails For 24" - 48" Decks (Landscape Structures® PlayBooster® 143195A).....	6,008.50	196.29
11 68	13 00-0893	EA	84" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147424A).....	6,829.50	168.25
11 68	13 00-0894	EA	123" Module, Clatterbridge, Brown Planks Only, With Barrier For 24" To 72" Decks (Landscape Structures® PlayBooster® 147425A).....	8,364.01	168.25
11 68	13 00-0895	EA	84" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 120873A).....	4,052.14	392.57
11 68	13 00-0896	EA	123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 121416A).....	5,643.58	448.66
11 68	13 00-0897	EA	S-Disc Challenge, 123" Module, Disc Challenge, Max. 24" Decks, With 2 Handhold Panels (Landscape Structures® PlayBooster® 136157A).....	5,643.58	448.66
11 68	13 00-0898	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Barriers (Landscape Structures® PlayBooster® 152443A).....	4,276.84	56.08
11 68	13 00-0899	EA	16" Deck Height Difference, Peek And Creep Ramp, Brown Wire Plank Only, With Guardrails (Landscape Structures® PlayBooster® 152444A).....	2,788.00	56.08
11 68	13 00-0900	EA	Wire Crawl Tunnel (Landscape Structures® PlayBooster® 119641A).....	3,167.82	196.29
11 68	13 00-0901	EA	64" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204B).....	3,539.12	112.17
11 68	13 00-0902	EA	90 Degree Curved, 8" - 72" Deck, Crawl Tunnel (Landscape Structures® PlayBooster® 142892A).....	4,205.90	112.17
11 68	13 00-0903	EA	32" Straight, 8" - 72" Decks, Crawl Tunnel (Landscape Structures® PlayBooster® 126204A).....	2,698.79	112.17
11 68	13 00-0904	EA	C-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088A).....	6,904.70	224.33
11 68	13 00-0905	EA	S-Inclined, 16" Deck Height Difference, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117088B).....	6,904.70	224.33
11 68	13 00-0906	EA	C-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089A).....	6,904.70	224.33
11 68	13 00-0907	EA	S-Straight, Crawl Tunnel, 30" Diameter, Permalene Panels, Maximum 48" Decks, Deck-To-Deck Applications (Landscape Structures® PlayBooster® 117089B).....	6,904.70	224.33
11 68	13 00-0908	EA	24" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 129042A).....	4,400.91	196.29
11 68	13 00-0909	EA	8" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 119930A).....	3,889.41	196.29
11 68	13 00-0910	EA	16" Deck Height Difference, Offset Crawl Tunnel (Landscape Structures® PlayBooster® 122589A).....	4,017.29	196.29
11 68	13 00-0911	EA	Math Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115232A).....	2,162.86	74.78
11 68	13 00-0912	EA	Spelling Panel, Red Discs Only, Enclosure (Landscape Structures® PlayBooster® 115233A).....	2,053.25	74.78
11 68	13 00-0913	EA	Gear Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 117146A).....	2,431.77	56.08
11 68	13 00-0914	EA	Hourglass Panel, Enclosure (Landscape Structures® PlayBooster® 123319A).....	1,874.60	56.08
11 68	13 00-0915	EA	Image Panel, 176 Play Blocks, Enclosure (Landscape Structures® PlayBooster® 127681A).....	1,797.50	74.78
11 68	13 00-0916	EA	Slant Window Panel, Enclosure (Landscape Structures® PlayBooster® 115222A).....	1,660.49	74.78
11 68	13 00-0917	EA	Bubble Panel, Enclosure (Landscape Structures® PlayBooster® 115223A).....	1,098.21	56.08
11 68	13 00-0918	EA	Puppet Panel, Enclosure (Landscape Structures® PlayBooster® 115225A).....	805.92	56.08
11 68	13 00-0919	EA	Zoo Panel, Enclosure (Landscape Structures® PlayBooster® 115227A).....	815.06	56.08
11 68	13 00-0920	EA	Ball Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115236A).....	1,582.31	56.08
11 68	13 00-0921	EA	Match 4 Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 127678A).....	1,276.86	74.78
11 68	13 00-0922	EA	Finger Maze Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115229A).....	979.47	56.08
11 68	13 00-0923	EA	Tracing Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115230A).....	979.47	56.08
11 68	13 00-0924	EA	Mirror Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 115234A).....	1,500.11	56.08
11 68	13 00-0925	EA	Pilot Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 119514A).....	1,436.17	56.08
11 68	13 00-0926	EA	Space Travel Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123483A).....	1,701.05	56.08
11 68	13 00-0927	EA	Braille And Clock Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 123844A).....	2,029.88	56.08
11 68	13 00-0928	EA	Chimes Panel, Enclosure (Landscape Structures® PlayBooster® 115243A).....	1,874.60	56.08
11 68	13 00-0929	EA	Puppet Panel With Window Above Deck, Enclosure (Landscape Structures® PlayBooster® 115226A).....	997.74	56.08
11 68	13 00-0930	EA	Balcony Deck, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240A).....	1,674.71	84.12
11 68	13 00-0931	EA	Balcony Deck, With Wheel, Brown Tenderdeck Only (Landscape Structures® PlayBooster® 111240B).....	1,930.46	84.12
11 68	13 00-0932	EA	Driver Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139382A).....	1,216.95	56.08
11 68	13 00-0933	EA	Driver Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139382B).....	1,408.77	56.08
11 68	13 00-0934	EA	Driver Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115228A).....	1,125.61	56.08
11 68	13 00-0935	EA	Storefront Panel, SteelX, Ground-Level Panel (Landscape Structures® PlayBooster® 139378A).....	942.93	56.08
11 68	13 00-0936	EA	Hole Panel (SteelX®), Ground-Level Panel (Landscape Structures® PlayBooster® 139381A).....	897.26	56.08
11 68	13 00-0937	EA	Slant Entrance Panel, 24" Diameter, Ground-Level Panel (Landscape Structures® PlayBooster® 115242A).....	1,542.80	102.82
11 68	13 00-0938	EA	Sand And Water Panel, Ground-Level Panel, Tan Dish Only (Landscape Structures® PlayBooster® 115257A).....	2,085.74	84.12
11 68	13 00-0939	EA	Table Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 130565A).....	1,413.87	74.78
11 68	13 00-0940	EA	Hole Panel (Permalene®), Ground-Level Panel (Landscape Structures® PlayBooster® 115253A).....	805.92	56.08
11 68	13 00-0941	EA	Storefront Panel, Ground-Level Panel (Landscape Structures® PlayBooster® 115254A).....	833.32	56.08
11 68	13 00-0942	EA	2 Panels, Handhold Panel (Landscape Structures® PlayBooster® 127953A).....	402.96	28.04
11 68	13 00-0943	EA	1 Panel, Handhold Panel (Landscape Structures® PlayBooster® 127953B).....	202.40	18.70
11 68	13 00-0944	EA	House Panel (SteelX®) Above Deck (Landscape Structures® PlayBooster® 139380A).....	1,065.71	46.73
11 68	13 00-0945	EA	House Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139380B).....	1,271.76	56.08
11 68	13 00-0946	EA	House Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 115235A).....	915.53	56.08
11 68	13 00-0947	EA	Periscope Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139379A).....	2,331.30	56.08
11 68	13 00-0948	EA	Periscope Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 117957A).....	2,029.88	56.08
11 68	13 00-0949	EA	Periscope Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139379B).....	2,541.38	56.08
11 68	13 00-0950	EA	Pipe Barrier Above Deck, Without Wheel (Landscape Structures® PlayBooster® 116244A).....	833.32	56.08
11 68	13 00-0951	EA	Pipe Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680A).....	893.23	74.78
11 68	13 00-0952	EA	Pipe Barrier Above Deck, With Wheel (Landscape Structures® PlayBooster® 116244B).....	1,070.81	56.08
11 68	13 00-0953	EA	Pipe Barrier, With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117680B).....	1,148.98	74.78
11 68	13 00-0954	EA	Pipe Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921A).....	888.13	56.08
11 68	13 00-0955	EA	Pipe Barrier, With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921B).....	1,143.88	56.08
11 68	13 00-0956	EA	Pipe Guardrail (Landscape Structures® PlayBooster® 116245A).....	714.58	56.08
11 68	13 00-0957	EA	Pipe Guardrail, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 117681A).....	911.50	74.78
11 68	13 00-0958	EA	Wheelchair Accessible Navigator Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127439A).....	877.92	28.04
11 68	13 00-0959	EA	Wheelchair Accessible Trail Tracker Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 127440A).....	627.20	28.04
11 68	13 00-0960	EA	Wheelchair Accessible Image Reach Panel, 75 Play Blocks (Landscape Structures® PlayBooster® 129043A).....	1,151.94	28.04

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68	13 00-0961	EA	Wheelchair Accessible Periscope Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135729A).....	1,951.70	46.73
11 68	13 00-0962	EA	Wheelchair Accessible Match 3 Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 135730A).....	1,047.44	46.73
11 68	13 00-0963	EA	Wheelchair Accessible Chimes Reach Panel (Landscape Structures® PlayBooster® 135731A).....	1,604.61	46.73
11 68	13 00-0964	EA	Recycled Poly Wall (Landscape Structures® PlayBooster® 111267A).....	1,198.68	56.08
11 68	13 00-0965	EA	Recycled Poly Wall, With Wheel (Landscape Structures® PlayBooster® 111267B).....	1,463.57	56.08
11 68	13 00-0966	EA	Tic-Tac-Toe Panel, SteelX, Above Deck (Landscape Structures® PlayBooster® 139377A).....	2,961.55	56.08
11 68	13 00-0967	EA	Tic-Tac-Toe Panel, SteelX, Below Deck (Landscape Structures® PlayBooster® 139377B).....	3,185.86	74.78
11 68	13 00-0968	EA	Tic-Tac-Toe Panel, Above Deck, Tan Discs Only (Landscape Structures® PlayBooster® 115231A).....	1,838.06	56.08
11 68	13 00-0969	EA	Wire Barrier (Landscape Structures® PlayBooster® 120314A).....	929.77	74.78
11 68	13 00-0970	EA	Wire Barrier, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315A).....	1,130.71	74.78
11 68	13 00-0971	EA	Wire Barrier With Wheel (Landscape Structures® PlayBooster® 120314B).....	1,194.65	74.78
11 68	13 00-0972	EA	Wire Barrier With Wheel, 90 Degree Tri-Deck (Landscape Structures® PlayBooster® 120315B).....	1,395.60	74.78
11 68	13 00-0973	EA	Wire Barrier, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921C).....	997.74	56.08
11 68	13 00-0974	EA	Wire Barrier With Wheel, (For TurboTwister Tunnel Slide) (Landscape Structures® PlayBooster® 125921D).....	1,262.62	56.08
11 68	13 00-0975	EA	Loop Seats (Landscape Structures® PlayBooster® 118089A).....	631.31	28.04
11 68	13 00-0976	EA	Grab Bar, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120901A).....	242.59	18.70
11 68	13 00-0977	EA	Handhold/Leg Lift, TenderTuff-coated Brown (Landscape Structures® PlayBooster® 120902A).....	269.99	18.70
11 68	13 00-0978	EA	Handloop Assembly (Landscape Structures® PlayBooster® 111275A).....	344.12	46.73
11 68	13 00-0979	EA	Rail Assembly (Landscape Structures® PlayBooster® 111276A).....	334.99	46.73
11 68	13 00-0980	EA	Log Roll, (1) Steel Post, Tan Log Only (Landscape Structures® PlayBooster® 111356B).....	1,816.82	102.82
11 68	13 00-0981	EA	Chinning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357C).....	770.45	84.12
11 68	13 00-0982	EA	Turning Bar, (1) Steel Post (Landscape Structures® PlayBooster® 111357D).....	715.64	84.12
11 68	13 00-0983	EA	Parallel Bars, Without Posts (Landscape Structures® PlayBooster® 111361A).....	933.80	56.08
11 68	13 00-0984	EA	Orbiter Spinner, (Requires Steel Post, Avail. For Direct Bury Only) (Landscape Structures® PlayBooster® 153590A).....	2,515.04	84.12
11 68	13 00-0985	EA	48" Deck, Talk Tubes For PlayOdyssey Pod, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079A).....	887.06	28.04
11 68	13 00-0986	EA	72" Deck, Talk Tubes For PlayOdyssey Pod, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 129079B).....	941.86	28.04
11 68	13 00-0987	EA	Ground Level, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363A).....	667.84	28.04
11 68	13 00-0988	EA	16" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363B).....	676.98	28.04
11 68	13 00-0989	EA	24" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363C).....	686.11	28.04
11 68	13 00-0990	EA	32" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363D).....	695.24	28.04
11 68	13 00-0991	EA	40" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363E).....	704.38	28.04
11 68	13 00-0992	EA	48" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363F).....	722.65	28.04
11 68	13 00-0993	EA	56" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363G).....	731.78	28.04
11 68	13 00-0994	EA	64" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363H).....	750.05	28.04
11 68	13 00-0995	EA	72" Deck, Talk Tubes, Deck Mount, One Only (Excludes Posts) (Landscape Structures® PlayBooster® 111363I).....	759.18	28.04
11 68	13 00-0996	EA	Arch Roof, (Excludes Arches) (Landscape Structures® PlayBooster® 111256A).....	1,051.47	28.04
11 68	13 00-0997	EA	Recycled 2x4 Roof (Landscape Structures® PlayBooster® 111260A).....	3,159.76	224.33
11 68	13 00-0998	EA	Recycled Peak Roof (Landscape Structures® PlayBooster® 111408A).....	4,465.92	224.33
11 68	13 00-0999	EA	Hex Shingle Roof (Landscape Structures® PlayBooster® 130567A).....	3,669.13	168.25
11 68	13 00-1000	EA	Square SteelX Roof (Landscape Structures® PlayBooster® 139375A).....	3,915.75	168.25
11 68	13 00-1001	EA	Hex SteelX Roof (Landscape Structures® PlayBooster® 139376A).....	6,118.11	196.29
11 68	13 00-1002	EA	Flag Pole With Permalene Flag (For SteelX Hex Roof Or SteelX Square Roof Only) (Landscape Structures® PlayBooster® 139464A).....	379.60	18.70
11 68	13 00-1003	EA	Full Sail, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 136488A).....	15,105.80	672.99
11 68	13 00-1004	EA	Single Post Shade, CoolToppers Shade System (Direct Bury Only) (Landscape Structures® PlayBooster® 154884A).....	4,898.87	560.82
11 68	13 00-1005	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980A).....	25,896.70	1,009.48
11 68	13 00-1006	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980B).....	20,169.69	1,009.48
11 68	13 00-1007	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 48" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980C).....	19,064.47	1,009.48
11 68	13 00-1008	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck With Roof, With Center Access (Landscape Structures® PlayBooster® 128980D).....	26,051.98	1,009.48
11 68	13 00-1009	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, With Center Access (Landscape Structures® PlayBooster® 128980E).....	20,324.96	1,009.48
11 68	13 00-1010	EA	PlayOdyssey® Octagonal Deck (Direct Bury Only) 72" Deck Without Roof, Without Center Access (Landscape Structures® PlayBooster® 128980F).....	19,228.88	1,009.48
11 68	13 00-1011	EA	Square Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111228A).....	1,326.56	56.08
11 68	13 00-1012	EA	Square Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 111229A).....	1,271.76	56.08
11 68	13 00-1013	EA	Square Tenderdeck, Corner, Brown Only (Landscape Structures® PlayBooster® 111230A).....	1,235.22	56.08
11 68	13 00-1014	EA	Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111231A).....	1,005.80	28.04
11 68	13 00-1015	EA	Hexagon Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 111232A).....	3,750.26	140.20
11 68	13 00-1016	EA	Triangular Tenderdeck, Extension, Brown Only (Landscape Structures® PlayBooster® 119646A).....	992.63	46.73
11 68	13 00-1017	EA	90 Degree Triangular Tenderdeck, Brown Only (Landscape Structures® PlayBooster® 122197A).....	1,069.74	28.04
11 68	13 00-1018	EA	Transfer Step, Brown Only (Landscape Structures® PlayBooster® 112471A).....	741.98	56.08
11 68	13 00-1019	EA	24" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525A).....	599.87	46.73
11 68	13 00-1020	EA	32" Rise Kick Panel, 2-Color Permalene, With 2-Clamps (Landscape Structures® PlayBooster® 111525B).....	746.02	46.73
11 68	13 00-1021	EA	To 32" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911A).....	3,232.83	224.33
11 68	13 00-1022	EA	To 40" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911B).....	3,671.26	224.33
11 68	13 00-1023	EA	To 48" Deck, Curved, Right Or Left Step, Curved Transfer Module (Landscape Structures® PlayBooster® 152911C).....	3,853.94	224.33
11 68	13 00-1024	EA	To 32" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912A).....	3,579.92	224.33
11 68	13 00-1025	EA	To 40" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912B).....	4,009.22	224.33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1026 EA To 48" Deck, Curved, Right Or Left Step, SteelX, Curved Transfer Module (Landscape Structures® PlayBooster® 152912C).....	4,164.50	224.33
11 68 13 00-1027 EA Arch For 72" Deck (Landscape Structures® PlayBooster® 111406A).....	1,911.14	56.08
11 68 13 00-1028 EA Arch For 56" - 64" Deck (Landscape Structures® PlayBooster® 111406B).....	1,847.20	56.08
11 68 13 00-1029 EA Arch For 40" - 48" Deck (Landscape Structures® PlayBooster® 111406C).....	1,774.13	56.08
11 68 13 00-1030 EA Arch For 32" Deck (Landscape Structures® PlayBooster® 111406D).....	1,755.86	56.08
11 68 13 00-1031 EA Arch/Ground Level (Landscape Structures® PlayBooster® 111406E).....	1,637.12	56.08
11 68 13 00-1032 EA 106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718J).....	627.27	46.73
11 68 13 00-1033 EA 98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718K).....	609.01	46.73
11 68 13 00-1034 EA 90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718L).....	599.87	46.73
11 68 13 00-1035 EA 82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718M).....	590.74	46.73
11 68 13 00-1036 EA 74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718N).....	581.60	46.73
11 68 13 00-1037 EA 66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718O).....	563.34	46.73
11 68 13 00-1038 EA 58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718P).....	554.20	46.73
11 68 13 00-1039 EA 50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718Q).....	545.07	46.73
11 68 13 00-1040 EA 42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718R).....	526.80	46.73
11 68 13 00-1041 EA 106"/72" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405J).....	590.74	46.73
11 68 13 00-1042 EA 98"/64" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405K).....	581.60	46.73
11 68 13 00-1043 EA 90"/56" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405L).....	563.34	46.73
11 68 13 00-1044 EA 82"/48" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405M).....	554.20	46.73
11 68 13 00-1045 EA 74"/40" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405N).....	545.07	46.73
11 68 13 00-1046 EA 66"/32" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405O).....	526.80	46.73
11 68 13 00-1047 EA 58"/24" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405P).....	517.67	46.73
11 68 13 00-1048 EA 50"/16" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405Q).....	508.53	46.73
11 68 13 00-1049 EA 42"/8" Deck, Flush Mount Posts For Decks, Square Caps (Landscape Structures® PlayBooster® 111405R).....	499.40	46.73
11 68 13 00-1050 EA 148"/72" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404M).....	466.89	28.04
11 68 13 00-1051 EA 140"/64" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404N).....	779.28	28.04
11 68 13 00-1052 EA 132"/56" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404O).....	430.36	28.04
11 68 13 00-1053 EA 124"/48" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404P).....	421.22	28.04
11 68 13 00-1054 EA 116"/40" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404Q).....	412.09	28.04
11 68 13 00-1055 EA 108"/32" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404R).....	402.96	28.04
11 68 13 00-1056 EA 100"/24" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404S).....	384.69	28.04
11 68 13 00-1057 EA 92"/16" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404T).....	357.29	28.04
11 68 13 00-1058 EA 84"/8" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404U).....	339.02	28.04
11 68 13 00-1059 EA 76"/Ground Level, Posts For Decks (Landscape Structures® PlayBooster® 111404V).....	329.88	28.04
11 68 13 00-1060 EA 156"/80" Deck, Posts For Decks (Landscape Structures® PlayBooster® 111404W).....	530.83	28.04
11 68 13 00-1061 EA 182"/96" Deck (44" Bury), Posts For Decks (Landscape Structures® PlayBooster® 111404Z).....	613.04	28.04
11 68 13 00-1062 EA 182"/72" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403K).....	539.97	28.04
11 68 13 00-1063 EA 174"/64" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403L).....	530.83	28.04
11 68 13 00-1064 EA 166"/56" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403M).....	521.70	28.04
11 68 13 00-1065 EA 158"/48" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403N).....	503.43	28.04
11 68 13 00-1066 EA 150"/40" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403O).....	494.30	28.04
11 68 13 00-1067 EA 142"/32" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403P).....	485.16	28.04
11 68 13 00-1068 EA 134"/24" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403Q).....	476.03	28.04
11 68 13 00-1069 EA 126"/16" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403R).....	466.89	28.04
11 68 13 00-1070 EA 118"/8" Deck, Posts For Roofs (Landscape Structures® PlayBooster® 111403S).....	439.49	28.04
11 68 13 00-1071 EA 110"/Ground Level, Posts For Roofs (Landscape Structures® PlayBooster® 111403T).....	430.36	28.04
11 68 13 00-1072 EA 204"/48" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689A).....	2,212.24	1,009.48
11 68 13 00-1073 EA 212"/56" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689B).....	2,221.38	1,009.48
11 68 13 00-1074 EA 220"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Full Sail (Landscape Structures® PlayBooster® 136689C).....	2,239.64	1,009.48
11 68 13 00-1075 EA 264"/64" - 72" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883A).....	2,122.13	560.82
11 68 13 00-1076 EA 248"/48" - 56" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883B).....	2,067.33	560.82
11 68 13 00-1077 EA 232"/32" - 40" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883C).....	2,039.92	560.82
11 68 13 00-1078 EA 220"/16" - 24" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883D).....	1,884.65	560.82
11 68 13 00-1079 EA 200"/Ground Level - 8" Deck (60" Bury), Posts For CoolToppers, Single Post Shade (Landscape Structures® PlayBooster® 154883E).....	1,848.11	560.82
11 68 13 00-1080 EA Overhead Events Access/Landing Assembly Seat 8" Deck (Landscape Structures® PlayBooster® 141887A).....	710.93	56.08
11 68 13 00-1081 EA 132" Aluminum Posts, End Vertical Ladder (For Use With Ring Bridges) (Landscape Structures® PlayBooster® 116208A).....	1,849.33	112.17
11 68 13 00-1082 EA Square Poly Roof, Without Logo Panels (Landscape Structures® PlayBooster® 118110B).....	1,593.58	112.17
11 68 13 00-1083 EA 84" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 120873B).....	3,874.27	168.25
11 68 13 00-1084 EA 84" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 120873C).....	4,052.76	168.25
11 68 13 00-1085 EA 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 121416B).....	5,470.15	224.33
11 68 13 00-1086 EA 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 121416C).....	5,105.30	224.33
11 68 13 00-1087 EA 106"/72" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718A).....	714.58	56.08
11 68 13 00-1088 EA 98"/64" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718B).....	687.18	56.08
11 68 13 00-1089 EA 90"/56" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718C).....	659.78	56.08
11 68 13 00-1090 EA 82"/48" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718D).....	650.64	56.08
11 68 13 00-1091 EA 74"/40" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718E).....	585.64	28.04
11 68 13 00-1092 EA 66"/32" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718F).....	567.37	28.04
11 68 13 00-1093 EA 58"/24" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718G).....	539.97	28.04
11 68 13 00-1094 EA 50"/16" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718H).....	530.83	28.04
11 68 13 00-1095 EA 42"/8" Deck, Flush Mount Posts For Decks, Round Caps (Landscape Structures® PlayBooster® 122718I).....	521.70	28.04
11 68 13 00-1096 EA Square Peak Tile Roof, Without Logo Panels (Landscape Structures® PlayBooster® 129816B).....	1,776.26	112.17

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1097	EA		32" Decks, Spring Across Bridge With 4 TenderTuff-coated Handloops (Landscape Structures® PlayBooster® 136156B).....	5,837.21	224.33
11 68 13 00-1098	EA		S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 3 Handhold Panels (Landscape Structures® PlayBooster® 136157B).....	5,470.15	224.33
11 68 13 00-1099	EA		S-Disc Challenge, 123" Module, Disc Challenge, Max. 40" Decks, With 4 Handhold Panels (Landscape Structures® PlayBooster® 136157C).....	5,649.41	224.33
11 68 13 00-1100	EA		Hexagon Tenderdeck, With Extension, Brown Only (Landscape Structures® PlayBooster® 154752A).....	5,845.16	224.33
11 68 13 00-1101	EA		The Pinnacle Natural Climber (Landscape Structures® PlayBooster® 156066A).....	27,327.10	672.99
11 68 13 00-1102	EA		The Pointe Natural Climber (Landscape Structures® PlayBooster® 156068A).....	15,426.10	448.66
11 68 13 00-1103	EA		Natural Elements Climber Handholds, Extension Deck And Kick Panel Set, One Set Required Per Associated Deck (Landscape Structures® PlayBooster® 156070A).....	1,353.96	56.08
11 68 13 00-1104	EA		Bridge With Guardrails And Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230A).....	4,829.15	168.25
11 68 13 00-1105	EA		Bridge With Guardrails, Without Curbs, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156230B).....	4,335.92	168.25
11 68 13 00-1106	EA		Bridge With Barriers, Bridge Plank Brown Only (Landscape Structures® PlayBooster® 156231A).....	5,635.07	224.33
11 68 13 00-1107	EA		Ramp With Guardrails And Curbs, 3-Handrails Per Side (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232A).....	5,424.99	224.33
11 68 13 00-1108	EA		Ramp With Guardrails, Without Curbs, 3-Handrails Per Side, (Conforms To ASTM And TUV Standard) (Landscape Structures® PlayBooster® 156232B).....	4,847.42	168.25
11 68 13 00-1109	EA		Ramp With Guardrails And Curbs, 2-Handrails Per Side (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232C).....	4,609.94	168.25
11 68 13 00-1110	EA		Ramp With Guardrails, Without Curbs, 2-Handrails Per Side, (Conforms To CSA Standard) (Landscape Structures® PlayBooster® 156232D).....	4,116.70	168.25
11 68 13 00-1111	EA		Ramp With Barriers, Ramp Plank Brown Only (Landscape Structures® PlayBooster® 156233A).....	6,667.22	224.33
11 68 13 00-1112	EA		16" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156915A).....	714.58	56.08
11 68 13 00-1113	EA		24" Deck, Pod Climber With One Handhold Panel (Landscape Structures® PlayBooster® 156916A).....	1,070.81	56.08
11 68 13 00-1114	EA		24" Deck, Pod Climber With One Handhold Panel, And One Handloop (Landscape Structures® PlayBooster® 156916B).....	1,189.55	56.08
11 68 13 00-1115	EA		32" To 40" Deck, Pod Climber With Two Handhold Panels (Landscape Structures® PlayBooster® 157427A).....	1,785.39	112.17
11 68 13 00-1116	EA		32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handloop (Landscape Structures® PlayBooster® 157427B).....	1,913.27	112.17
11 68 13 00-1117	EA		32" To 40" Deck, Pod Climber With Two Handhold Panels, And One Handrail (Landscape Structures® PlayBooster® 157427C).....	2,004.61	112.17
11 68 13 00-1118	EA		32" To 40" Deck, Pod Climber With Two Handhold Panels, One Handloop And One Handrail (Landscape Structures® PlayBooster® 157427D).....	2,105.08	112.17
11 68 13 00-1119	EA		Starburst Climber, 64" And 72" Decks, (Direct Bury Only) (Landscape Structures® PlayBooster® 158425A).....	3,020.62	168.25
11 68 13 00-1120	EA		Ring-a-Bell Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 159459A).....	1,913.27	112.17
11 68 13 00-1121	EA		Ring-a-Bell™ Panel For Learning Wall (Landscape Structures® PlayBooster® 159460A).....	1,730.59	112.17
11 68 13 00-1122	EA		Stationary Cycler, Pedal Assembly, With Grab Bar, Without Post (Landscape Structures® PlayBooster® 160054A).....	1,436.17	56.08
11 68 13 00-1123	EA		Stationary Cycler, Handle Assembly, Without Post (Landscape Structures® PlayBooster® 160054B).....	1,116.48	56.08
11 68 13 00-1124	EA		Stationary Cycler, Pedals And Handles, Without Post (Landscape Structures® PlayBooster® 160054C).....	2,105.08	112.17
11 68 13 00-1125	EA		Stationary Cycler, Handle Assembly, Accessible, Without Post (Landscape Structures® PlayBooster® 160054D).....	1,116.48	56.08
11 68 13 00-1126	EA		(1) Aluminum Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251A).....	2,890.60	112.17
11 68 13 00-1127	EA		(1) Steel Post Gyro Twister Spinners (Landscape Structures® PlayBooster® 160251B).....	2,863.20	112.17
11 68 13 00-1128	EA		The Peak Natural Climber, 40" Deck (Landscape Structures® PlayBooster® 160420A).....	8,843.23	280.42
11 68 13 00-1129	EA		The Peak Natural Climber Connector, Connects Between 32" Deck And 40" Deck (Landscape Structures® PlayBooster® 160421A).....	9,309.06	280.42
11 68 13 00-1130	EA		The Stepper Natural Climbing Stone, 24" Deck (Landscape Structures® PlayBooster® 160422A).....	4,701.28	168.25
11 68 13 00-1131	EA		64" - 72" Decks, Escalator Climber With Single Barrier With Infill Permalene Panel (Landscape Structures® PlayBooster® 160693A).....	5,516.33	224.33
11 68 13 00-1132	EA		Single Barrier Handhold Panel With Infill, Permalene, Panel Only (Landscape Structures® PlayBooster® 160694A).....	815.06	56.08
11 68 13 00-1133	EA		Single Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160810A).....	4,765.21	168.25
11 68 13 00-1134	EA		Double Connector, 64" - 72" Decks, Escalator Climber Without Posts (Landscape Structures® PlayBooster® 160811A).....	9,427.80	280.42
11 68 13 00-1135	EA		RingTangle Climber, 24" - 48" Decks (Landscape Structures® PlayBooster® 164078A).....	3,020.62	168.25
11 68 13 00-1136	EA		Bongo Panel, Enclosure (2-Color Permalene) (Landscape Structures® PlayBooster® 164092A).....	1,290.02	56.08
11 68 13 00-1137	EA		Bongo Panel For Learning Wall (Landscape Structures® PlayBooster® 164093A).....	1,162.15	56.08
11 68 13 00-1138	EA		Wheelchair Accessible Bongo Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164094A).....	1,171.28	56.08
11 68 13 00-1139	EA		Rock-n-Ring Panel, Ground Level Panel (2 Color Permalene) (Landscape Structures® PlayBooster® 164145A).....	2,616.58	112.17
11 68 13 00-1140	EA		Rock-n-Ring™ Panel For Learning Wall (Landscape Structures® PlayBooster® 164146A).....	2,077.68	112.17
11 68 13 00-1141	EA		Bongo Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164147A).....	1,089.08	56.08
11 68 13 00-1142	EA		Wheelchair Accessible Ring-a-Bell Reach Panel, (2-Color Permalene) (Landscape Structures® PlayBooster® 164148A).....	1,271.76	56.08
11 68 13 00-1143	EA		Ring-a-Bell™ Reach Panel For Learning Wall (Landscape Structures® PlayBooster® 164149A).....	1,189.55	56.08
11 68 13 00-1144			Playground Equipment (Landscape Structures® Evos™) <small>(11 68 13 00-0122)</small>		
11 68 13 00-1145	EA		Standard Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158650A).....	988.60	56.08
11 68 13 00-1146	EA		Customized Name On Age-Appropriate Welcome Sign, Ages 5 To 12 (Landscape Structures® Evos™ 158651A).....	1,162.15	56.08
11 68 13 00-1147	EA		Slalom Glider (Direct Bury Only) (Landscape Structures® Evos™ 156456A).....	4,454.66	168.25
11 68 13 00-1148	EA		Hang Glider (Direct Bury Only) (Landscape Structures® Evos™ 156465A).....	3,422.52	168.25
11 68 13 00-1149	EA		Helix Net Climber (Direct Bury Only) (Landscape Structures® Evos™ 156449A).....	8,121.41	158.90
11 68 13 00-1150	EA		Crescent Climber (Direct Bury Only) (Landscape Structures® Evos™ 156461A).....	6,247.05	224.33
11 68 13 00-1151	EA		RingTangle Climber With Two E-Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156462A).....	4,179.56	140.20
11 68 13 00-1152	EA		Web Link Climber (Direct Bury Only) (Landscape Structures® Evos™ 156912A).....	8,665.43	168.25
11 68 13 00-1153	EA		Wobble Pod Bouncer (Direct Bury Only) (Landscape Structures® Evos™ 156452A).....	2,022.87	112.17
11 68 13 00-1154	EA		Gyro Twister Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156459A).....	2,652.05	84.12
11 68 13 00-1155	EA		E-Pod Step (Landscape Structures® Evos™ 156454A).....	416.13	18.70
11 68 13 00-1156	EA		Cycler With E-Pod Step (Direct Bury Only) (Landscape Structures® Evos™ 156467A).....	1,874.60	56.08
11 68 13 00-1157	EA		8" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959A).....	1,357.99	46.73

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1158 EA 16" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959B)	1,367.13	46.73
11 68 13 00-1159 EA 24" Pod, With One E-Pod Step, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 156959C)	1,376.26	46.73
11 68 13 00-1160 EA Swiggle Stix Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156450A)	7,764.36	252.37
11 68 13 00-1161 EA PodStomper Bridge (Direct Bury Only) (Landscape Structures® Evos™ 156464A)	8,035.19	168.25
11 68 13 00-1162 EA ArcOver Ladder With Two E-Pod Steps, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 156457A)	3,502.58	112.17
11 68 13 00-1163 EA Bow Ladder With Four E-Pod Steps, Overhead Events (Landscape Structures® Evos™ 156463A)	3,783.61	56.08
11 68 13 00-1164 EA 2-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 156436A)	32,990.18	672.99
11 68 13 00-1165 EA 3-Arch Mainstructure, Small (Landscape Structures® Evos™ 157106A)	37,113.26	1,009.48
11 68 13 00-1166 EA Additional Small Arch For Mainstructure, #3 Only (Landscape Structures® Evos™ 156545A)	4,132.21	336.49
11 68 13 00-1167 EA 16" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156A)	1,885.86	112.17
11 68 13 00-1168 EA 24" Pod, With Two E-Pod Steps, Noodle Pod Steps (Direct Bury Only) (Landscape Structures® Evos™ 164156B)	1,904.13	112.17
11 68 13 00-1169 EA Ring-a-Bell Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164150A)	1,271.76	56.08
11 68 13 00-1170 EA Bongo Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 164095A)	1,171.28	56.08
11 68 13 00-1171 EA Noodle Post, 1 Post Only (Direct Bury Only) (Landscape Structures® Evos™ 161774A)	997.74	56.08
11 68 13 00-1172 EA Periscope Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161775A)	2,068.54	112.17
11 68 13 00-1173 EA Match 3 Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161776A)	1,070.81	56.08
11 68 13 00-1174 EA Chimes Reach Panel (Landscape Structures® Evos™ 161777A)	1,721.45	112.17
11 68 13 00-1175 EA Trail Tracker Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161778A)	668.91	56.08
11 68 13 00-1176 EA Navigator Reach Panel (2-Color Permalene) (Landscape Structures® Evos™ 161779A)	924.66	56.08
11 68 13 00-1177 EA Image Reach Panel, 75 Play Blocks (Landscape Structures® Evos™ 161780A)	1,198.68	56.08
11 68 13 00-1178 EA Chatter Noodle Talk Tube Kit, Two Noodle Posts And Tubing (Direct Bury Only) (Landscape Structures® Evos™ 156453A)	2,808.40	112.17
11 68 13 00-1179 EA Blender Spinner (Direct Bury Only) (Landscape Structures® Evos™ 156460A)	3,422.52	168.25
11 68 13 00-1180 EA BalanceWinder Climber (Direct Bury Only) (Landscape Structures® Evos™ 160252A)	6,091.77	224.33
11 68 13 00-1181 EA Overhead Explorer Parallel Bar, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160253A)	2,497.84	112.17
11 68 13 00-1182 EA Overhead Trekker Ladder, With (1) E-Pod Step, Overhead Events (Direct Bury Only) (Landscape Structures® Evos™ 160254A)	2,726.19	112.17
11 68 13 00-1183 EA 3-Arch Mainstructure, Large With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160356A)	37,643.03	1,009.48
11 68 13 00-1184 EA 4-Arch Mainstructure With Hemisphere Climber And O-Zone Climber (Landscape Structures® Evos™ 160357A)	41,205.29	1,009.48
11 68 13 00-1185 EA Additional Large Arch For Mainstructure, #4 Only (Landscape Structures® Evos™ 160358A)	4,363.32	168.25
11 68 13 00-1186 EA Additional Arches For Mainstructure, #3 And #4 Only (Landscape Structures® Evos™ 160359A)	8,121.64	280.42
11 68 13 00-1187 EA Power Lifter Chinning Bar (Landscape Structures® Evos™ 160208A)	1,931.53	112.17
11 68 13 00-1188 EA Accessible Power Lifter Chinning Bar (Landscape Structures® Evos™ 160209A)	2,433.90	112.17
11 68 13 00-1189 EA TwirWind Turning Bar (Landscape Structures® Evos™ 160210A)	2,433.90	112.17
11 68 13 00-1190 Playground Equipment (Landscape Structures® Weevos™) <small>(11 68 13 00-0122)</small>		
11 68 13 00-1191 EA Safety Sign, Weevos Welcome Sign, Ages 2 to 5, Direct Bury (Landscape Structures® Weevos™ 164529A)	988.60	56.08
11 68 13 00-1192 EA ChitterChatter Noodle™ Talk Tube Kit (Landscape Structures® Weevos™ 164177A)	2,543.51	112.17
11 68 13 00-1193 Playground Equipment (Landscape Structures® Parts) <small>(11 68 13 00-0122)</small>		
11 68 13 00-1194 EA 52-9/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (8') (Landscape Structures® 160110A)	99.71	28.04
11 68 13 00-1195 EA 66-15/16" Long, TenderTuff-Coated Chain, Brown, Front Chain for Molded Bucket Seat (8') (Landscape Structures® 160112A)	105.19	28.04
11 68 13 00-1196 EA Pivot Block Swing Hardware With Bearing For Molded Bucket Seat (Landscape Structures® 160307A)	97.88	28.04
11 68 13 00-1197 EA Play It Safe Label, 2-5 Years (Landscape Structures® 156845A)	11.18	5.60
11 68 13 00-1198 EA Play It Safe Label, 2-12 Years (Landscape Structures® 156846A)	11.18	5.60
11 68 13 00-1199 EA Play It Safe Label, 5-12 Years (Landscape Structures® 156847A)	11.18	5.60
11 68 13 00-1200 EA Play It Safe Label, 8-12 Years (Landscape Structures® 156848A)	11.18	5.60
11 68 13 00-1201 EA D-Ring with Stainless Steel Bolt Link, Brown TenderTuff-coated Only (Landscape Structures® 130923A)	158.16	28.04
11 68 13 00-1202 EA (2) Stainless Steel Double Clevis Swing Hardware With Bolts (Landscape Structures® 132634A)	82.64	11.22
11 68 13 00-1203 EA (2) Stainless Steel Bolt Links Swing Hardware With Bolts For Use With TenderTuff-Coated Chain (Landscape Structures® 132635A)	49.76	11.22
11 68 13 00-1204 EA (2) Stainless Steel Bolt Links Swing Hardware With Bolts And Chain Spacers For Use With Uncoated Chain (Landscape Structures® 132672A)	51.58	11.22
11 68 13 00-1205 EA 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136065A)	105.58	14.02
11 68 13 00-1206 EA 3-1/2" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 136066A)	105.58	14.02
11 68 13 00-1207 EA TenderTuff Repair Kit (Landscape Structures® 138717A)	11.87	
11 68 13 00-1208 EA Anti-Wrap, 2-3/8" Pipe, Swing Hangers, Excludes Chain (Landscape Structures® 140739A)	140.29	14.02
11 68 13 00-1209 EA (2) Aluminum Clevis Swing Hardware For Anti-Wrap Hanger With Bolts (Landscape Structures® 141267A)	88.12	11.22
11 68 13 00-1210 EA 65" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (8') (Landscape Structures® 141730A)	103.36	28.04
11 68 13 00-1211 EA 43-3/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (6') Toddler Swing (Landscape Structures® 141739A)	93.31	28.04
11 68 13 00-1212 EA 87-13/16" Long, TenderTuff-Coated Chain, Brown, Half-Bucket Seat (10') (Landscape Structures® 141766A)	128.94	28.04
11 68 13 00-1213 EA 29-7/8" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (6') Toddler Swing (Landscape Structures® 152016A)	88.75	28.04
11 68 13 00-1214 EA 49-13/16" Long, TenderTuff-Coated Chain, Brown, Tire Swing, Half-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152048A)	97.88	28.04
11 68 13 00-1215 EA 67-7/8" Long, TenderTuff-Coated Chain, Brown, Belt Seat (8'), Flat Seat (8') (Landscape Structures® 152050A)	107.01	28.04
11 68 13 00-1216 EA 76-7/16" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (10') (Landscape Structures® 152051A)	116.15	28.04
11 68 13 00-1217 EA 90-11/16" Long, TenderTuff-Coated Chain, Brown, Belt Seat (10'), Flat Seat (10'), 16" Deck Ascending Chain (Landscape Structures® 152052A)	134.42	28.04
11 68 13 00-1218 EA 37-1/2" Long, TenderTuff-Coated Chain, Brown, Full-Bucket Seat (7') 2" Arch Swing (Landscape Structures® 152053A)	91.49	28.04
11 68 13 00-1219 EA 121-1/16" Long, TenderTuff-Coated Chain, Brown, Rear Chain for Molded Bucket Seat (8') (Landscape Structures® 152067A)	156.34	28.04
11 68 13 00-1220 EA Tire Swing Hanger, Stainless Steel, Excludes Chain, 1997 And Later (Landscape Structures® 121609A)	796.79	56.08
11 68 13 00-1221 EA Twin Rim Basketball Goal And Chain Net (Landscape Structures® 100080A)	311.62	28.04
11 68 13 00-1222 EA Twin Rim Basketball Goal And Nylon Net (Landscape Structures® 100081A)	302.48	28.04

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1223	EA		Nylon Basketball Net (Landscape Structures® 100082A)	48.95	14.02
11 68 13 00-1224	EA		Chain Basketball Net (Landscape Structures® 100083A)	61.73	14.02
11 68 13 00-1225	EA		Basketball Frame Set Only, Moveable (Landscape Structures® 100099A).....	1,436.17	56.08
11 68 13 00-1226	EA		Basketball Frame Set Only, Direct Bury (Landscape Structures® 100100A)	1,189.55	56.08
11 68 13 00-1227	EA		Warning Label (Landscape Structures® 115176A).....	0.18	
11 68 13 00-1228	EA		PS Spare Parts Kit (Landscape Structures® 107040A).....	62.11	
11 68 13 00-1229	EA		PB Spare Parts Kit (Landscape Structures® 107043A).....	135.18	
11 68 13 00-1230	EA		Tire With Ring And Hardware, Excludes Chain (Landscape Structures® 107329A)	778.52	56.08
11 68 13 00-1231	EA		5" Swing Hanger Clamp Assembly, Complete, Excludes Chain (Landscape Structures® 111418A).....	158.16	28.04
11 68 13 00-1232	EA		Tire Swing Hanger, Stainless Steel, Excludes Chain, 1996 And Prior (Landscape Structures® 116997A).....	924.66	56.08
11 68 13 00-1233			Playground Equipment (Landscape Structures® Site Furniture) <small>(11 68 13 00-0122)</small>		
11 68 13 00-1234	EA		60" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640A).....	1,542.80	102.82
11 68 13 00-1235	EA		60" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640B).....	788.71	84.12
11 68 13 00-1236	EA		60" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640C).....	1,350.99	102.82
11 68 13 00-1237	EA		60" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640D).....	770.45	84.12
11 68 13 00-1238	EA		96" Recycled Contour Series Bench With Back, Surface Mount (Landscape Structures® 111640E).....	2,227.85	102.82
11 68 13 00-1239	EA		96" Recycled Contour Series Bench Without Back, Surface Mount (Landscape Structures® 111640F).....	1,035.33	84.12
11 68 13 00-1240	EA		96" Recycled Contour Series Bench With Back, Direct Bury (Landscape Structures® 111640G).....	1,935.57	102.82
11 68 13 00-1241	EA		96" Recycled Contour Series Bench Without Back, Direct Bury (Landscape Structures® 111640H).....	1,007.93	84.12
11 68 13 00-1242	EA		Optional Brown Dome, Litter Receptacle (Landscape Structures® 100095A).....	359.42	84.12
11 68 13 00-1243	EA		32-Gallon Polyethylene Container, Litter Receptacle (Landscape Structures® 141682A).....	209.62	84.12
11 68 13 00-1244	EA		Optional Cover for TenderTuff-Coated Litter Receptacle (Landscape Structures® 141686A).....	266.64	74.78
11 68 13 00-1245	EA		Litter Receptacle With Recycled Polyethylene Slats and Liner, (Direct Bury Only) (Landscape Structures® 100094A).....	962.26	84.12
11 68 13 00-1246	EA		Litter Receptacle With TenderTuff-Coated Panels and Liner, Direct Bury (Landscape Structures® 141685A).....	829.29	74.78
11 68 13 00-1247	EA		Litter Receptacle With TenderTuff-Coated Panels and Liner, Surface Mount (Landscape Structures® 141685B).....	829.29	74.78
11 68 13 00-1248	EA		Loop Rack, Direct Bury, Powdercoated (Landscape Structures® 100102A).....	495.37	56.08
11 68 13 00-1249	EA		Loop Rack, Direct Bury, TenderTuff-Coated (Landscape Structures® 100102B).....	741.98	56.08
11 68 13 00-1250	EA		60" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139A).....	2,412.89	280.42
11 68 13 00-1251	EA		60" Poly Picnic Table, (1) 60" Seat (2) 14" Seats, Moveable (Landscape Structures® 113139B).....	2,321.55	280.42
11 68 13 00-1252	EA		60" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139C).....	2,193.68	280.42
11 68 13 00-1253	EA		84" Poly Picnic Table, (2) 60" Seats, Moveable (Landscape Structures® 113139D).....	3,024.87	280.42
11 68 13 00-1254	EA		84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Moveable (Landscape Structures® 113139E).....	2,924.40	280.42
11 68 13 00-1255	EA		84" Poly Picnic Table, (4) 14" Seats, Moveable (Landscape Structures® 113139F).....	2,787.39	280.42
11 68 13 00-1256	EA		60" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139G).....	2,531.63	280.42
11 68 13 00-1257	EA		60" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139H).....	2,412.89	280.42
11 68 13 00-1258	EA		60" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139I).....	2,285.02	280.42
11 68 13 00-1259	EA		84" Poly Picnic Table, (2) 60" Seats, Direct Bury (Landscape Structures® 113139J).....	3,143.61	280.42
11 68 13 00-1260	EA		84" Poly Picnic Table, (1) 60" Seat, (2) 14" Seats, Direct Bury (Landscape Structures® 113139K).....	3,024.87	280.42
11 68 13 00-1261	EA		84" Poly Picnic Table, (4) 14" Seats, Direct Bury (Landscape Structures® 113139L).....	2,878.73	280.42
11 68 13 00-1262	EA		70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088A).....	788.71	84.12
11 68 13 00-1263	EA		70" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088B).....	870.92	84.12
11 68 13 00-1264	EA		94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088C).....	852.65	84.12
11 68 13 00-1265	EA		94" Recycled Polyethylene Bench Without Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088D).....	934.86	84.12
11 68 13 00-1266	EA		70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088E).....	1,172.34	84.12
11 68 13 00-1267	EA		70" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088F).....	1,090.14	84.12
11 68 13 00-1268	EA		94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Surface Mount (Landscape Structures® 100088G).....	1,245.41	84.12
11 68 13 00-1269	EA		94" Recycled Polyethylene Bench With Back, 2 x 4 Recycled Polyethylene Slats, Direct Bury (Landscape Structures® 100088H).....	1,163.21	84.12
11 68 13 00-1270	EA		Arm Rest, 1 Only, Fits All Benches With Back (Landscape Structures® 114767A).....	164.03	18.70
11 68 13 00-1271	EA		72", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683A).....	815.06	56.08
11 68 13 00-1272	EA		72", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683B).....	833.32	56.08
11 68 13 00-1273	EA		72", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683C).....	522.77	56.08
11 68 13 00-1274	EA		72", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683D).....	550.17	56.08
11 68 13 00-1275	EA		92", TenderTuff-Coated Steel Bench With Back, Direct Bury (Landscape Structures® 141683E).....	833.32	56.08
11 68 13 00-1276	EA		92", TenderTuff-Coated Steel Bench With Back, Surface Mount (Landscape Structures® 141683F).....	869.86	56.08
11 68 13 00-1277	EA		92", TenderTuff-Coated Steel Bench Without Back, Direct Bury (Landscape Structures® 141683G).....	550.17	56.08
11 68 13 00-1278	EA		92", TenderTuff-Coated Steel Bench Without Back, Surface Mount (Landscape Structures® 141683H).....	586.71	56.08
11 68 13 00-1279	EA		72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684A).....	1,881.00	224.33
11 68 13 00-1280	EA		72" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684B).....	1,972.34	224.33
11 68 13 00-1281	EA		92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684C).....	1,981.47	224.33
11 68 13 00-1282	EA		92" TenderTuff-Coated Picnic Table, (2) 92" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684D).....	2,118.48	224.33
11 68 13 00-1283	EA		92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Moveable (Landscape Structures® 141684E).....	1,935.80	224.33
11 68 13 00-1284	EA		92" TenderTuff-Coated Picnic Table, (2) 72" Seats, TenderTuff-Coated Steel, Direct Bury (Landscape Structures® 141684F).....	2,045.41	224.33
11 68 13 00-1285	EA		Square Picnic Table With 4 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345A).....	1,851.23	46.73
11 68 13 00-1286	EA		Square Picnic Table With 3 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345B).....	1,677.68	46.73
11 68 13 00-1287	EA		Square Picnic Table With 2 Seats, TenderTuff-Coated Steel, Movable (Landscape Structures® 154345C).....	1,531.54	46.73
11 68 13 00-1288	EA		Kish Valley Grill, (Direct Bury Only) (Landscape Structures® 100101A).....	805.92	56.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 13 00-1289 EA Loop Rack, Surface Mount, Powdercoated (Landscape Structures® 100102C).....	687.18	56.08
11 68 13 00-1290 EA Loop Rack, Surface Mount, TenderTuff-Coated (Landscape Structures® 100102D).....	933.80	56.08
11 68 13 00-1291 Playground Equipment (Little Tikes) ^(11 68 13)		
11 68 13 00-1292 EA Little Tikes Playcenter 5.....	14,818.66	996.06
11 68 16 Play Structures ^(11 68)		
11 68 16 00-0001 Playground Shade Structures ^(11 68 16)		
Note: Shade Structures, Inc. dba USA Shade & Fabric Structures, exclude custom engineering, architect fees, site survey, temporary fencing, logos, post pads, special equipment (e.g. cranes for limited site access, hydro-excavation for high soil water table), soil removal from site, core drilling for concrete slab on grade, cutting of pavers or specialty finished surfaces including removal of tiles, alternate footing configuration due to site specific geotechnical report requirements, underground utility scan, moving or re-routing of underground utilities, and hard rock subsurface conditions.		
11 68 16 00-0002 Single Ridge ^(11 68 16 00-0001)		
Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0003 EA 8' x 10' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	23,651.43	
11 68 16 00-0004 EA 10' x 10' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	23,697.63	
11 68 16 00-0005 EA 9' x 13' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	23,736.01	
11 68 16 00-0006 EA 10' x 12' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	25,043.18	
11 68 16 00-0007 EA 11' x 17' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	25,081.55	
11 68 16 00-0008 EA 10' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	25,244.56	
11 68 16 00-0009 EA 12' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	26,865.18	
11 68 16 00-0010 EA 10' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	27,174.34	
11 68 16 00-0011 EA 10' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	27,785.41	
11 68 16 00-0012 EA 14' x 17' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	30,418.41	
11 68 16 00-0013 EA 14' x 17' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	31,104.22	
11 68 16 00-0014 EA 12' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	30,366.03	
11 68 16 00-0015 EA 12' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	30,851.36	
11 68 16 00-0016 EA 15' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	30,366.03	
11 68 16 00-0017 EA 15' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	30,967.30	
11 68 16 00-0018 EA 17' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	30,851.36	
11 68 16 00-0019 EA 17' x 19' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	32,716.76	
11 68 16 00-0020 EA 18' x 18' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	28,189.52	
11 68 16 00-0021 EA 18' x 18' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	29,217.86	
11 68 16 00-0022 EA 18' x 19' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	28,372.95	
11 68 16 00-0023 EA 18' x 19' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	29,751.03	
11 68 16 00-0024 EA 18' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	28,657.20	
11 68 16 00-0025 EA 18' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	30,217.34	
11 68 16 00-0026 EA 20' x 20' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	29,836.17	
11 68 16 00-0027 EA 20' x 20' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	31,162.48	
11 68 16 00-0028 EA 20' x 21' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,436.84	
11 68 16 00-0029 EA 20' x 21' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	39,685.72	
11 68 16 00-0030 EA 20' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	36,556.19	
11 68 16 00-0031 EA 20' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	40,264.02	
11 68 16 00-0032 EA 18' x 27' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,436.84	
11 68 16 00-0033 EA 18' x 27' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	36,668.22	
11 68 16 00-0034 EA 16' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,628.12	
11 68 16 00-0035 EA 16' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	39,624.11	
11 68 16 00-0036 EA 19' x 28' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,436.84	
11 68 16 00-0037 EA 19' x 28' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	39,624.11	
11 68 16 00-0038 EA 20' x 23' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,436.84	
11 68 16 00-0039 EA 20' x 23' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	39,624.11	
11 68 16 00-0040 EA 20' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,436.84	
11 68 16 00-0041 EA 20' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	39,685.72	
11 68 16 00-0042 EA 20' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,436.84	
11 68 16 00-0043 EA 20' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	39,685.72	
11 68 16 00-0044 EA 20' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	35,436.84	
11 68 16 00-0045 EA 20' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	39,823.22	
11 68 16 00-0046 EA 21' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	48,781.36	
11 68 16 00-0047 EA 21' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	52,123.71	
11 68 16 00-0048 EA 24' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	47,576.86	
11 68 16 00-0049 EA 24' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	49,904.64	
11 68 16 00-0050 EA 23' x 28' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	48,781.36	
11 68 16 00-0051 EA 23' x 28' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	50,347.39	
11 68 16 00-0052 EA 23' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	47,576.86	
11 68 16 00-0053 EA 23' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	49,904.64	
11 68 16 00-0054 EA 25' x 25' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	47,948.22	
11 68 16 00-0055 EA 25' x 25' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	50,459.40	
11 68 16 00-0056 EA 25' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	49,285.71	
11 68 16 00-0057 EA 25' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	50,902.15	
11 68 16 00-0058 EA 26' x 27' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	51,348.25	
11 68 16 00-0059 EA 26' x 27' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	52,887.41	
11 68 16 00-0060 EA 29' x 29' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	51,385.52	
11 68 16 00-0061 EA 29' x 29' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	52,887.41	
11 68 16 00-0062 EA 30' x 30' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	51,716.24	
11 68 16 00-0063 EA 30' x 30' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	53,285.63	
11 68 16 00-0064 EA 19' x 36' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	59,576.04	
11 68 16 00-0065 EA 19' x 36' Single Ridge Shade Structure, 12' Opening Height, 4 Posts.....	64,213.90	
11 68 16 00-0066 EA 18' x 33' Single Ridge Shade Structure, 10' Opening Height, 4 Posts.....	59,576.04	

11 Equipment**11 60 Entertainment and Recreation Equipment****11 68 Play Field Equipment and Structures**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

11 68 16 00-0067	EA	18' x 33' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	64,213.90
11 68 16 00-0068	EA	17' x 32' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	59,576.04
11 68 16 00-0069	EA	17' x 32' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	64,213.90
11 68 16 00-0070	EA	20' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	59,576.04
11 68 16 00-0071	EA	20' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	64,213.90
11 68 16 00-0072	EA	21' x 39' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,981.09
11 68 16 00-0073	EA	21' x 39' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	69,732.77
11 68 16 00-0074	EA	24' x 37' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,981.09
11 68 16 00-0075	EA	24' x 37' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	69,732.77
11 68 16 00-0076	EA	27' x 38' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,981.09
11 68 16 00-0077	EA	27' x 38' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	69,732.77
11 68 16 00-0078	EA	24' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	61,897.91
11 68 16 00-0079	EA	24' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	69,429.49
11 68 16 00-0080	EA	27' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	62,170.39
11 68 16 00-0081	EA	27' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	69,856.55
11 68 16 00-0082	EA	30' x 40' Single Ridge Shade Structure, 10' Opening Height, 4 Posts	60,672.23
11 68 16 00-0083	EA	30' x 40' Single Ridge Shade Structure, 12' Opening Height, 4 Posts	69,856.55

11 68 16 00-0084 Double Ridge (11 68 16 00-0001)

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0085	EA	20' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	57,615.67
11 68 16 00-0086	EA	20' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	59,688.04
11 68 16 00-0087	EA	20' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	82,849.31
11 68 16 00-0088	EA	20' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	86,319.32
11 68 16 00-0089	EA	26' x 48' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	86,968.56
11 68 16 00-0090	EA	25' x 50' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	84,710.50
11 68 16 00-0091	EA	25' x 50' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	86,968.56
11 68 16 00-0092	EA	25' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	84,710.50
11 68 16 00-0093	EA	25' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	86,968.56
11 68 16 00-0094	EA	27' x 38' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	61,134.69
11 68 16 00-0095	EA	27' x 38' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	67,371.41
11 68 16 00-0096	EA	30' x 40' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	61,134.69
11 68 16 00-0097	EA	30' x 40' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	67,371.41
11 68 16 00-0098	EA	26' x 47' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	85,226.12
11 68 16 00-0099	EA	26' x 47' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	87,539.10
11 68 16 00-0100	EA	30' x 50' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	85,226.12
11 68 16 00-0101	EA	30' x 50' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	87,539.10
11 68 16 00-0102	EA	28' x 53' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	91,980.45
11 68 16 00-0103	EA	28' x 53' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	95,380.71
11 68 16 00-0104	EA	29' x 58' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	90,304.97
11 68 16 00-0105	EA	29' x 58' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	95,380.71
11 68 16 00-0106	EA	30' x 60' Double Ridge Shade Structure, 10' Opening Height, 6 Posts	90,304.97
11 68 16 00-0107	EA	30' x 60' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	95,380.71
11 68 16 00-0108	EA	27' x 74' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	132,887.51
11 68 16 00-0109	EA	28' x 59' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	95,380.71
11 68 16 00-0110	EA	20' x 80' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	136,554.96
11 68 16 00-0111	EA	30' x 80' Double Ridge Shade Structure, 12' Opening Height, 6 Posts	139,480.77

11 68 16 00-0112 Interconnected Quad Lineal Ridge (11 68 16 00-0001)

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0113	EA	30' x 160' Quad-Lineal Ridge Shade Structure, 12' Opening Height, 10 Posts	259,928.52
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11 68 16 00-0114 Quad Ridge (11 68 16 00-0001)

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0115	EA	36' x 36' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	81,823.92
11 68 16 00-0116	EA	34' x 39' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	89,861.02
11 68 16 00-0117	EA	34' x 39' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	92,014.90
11 68 16 00-0118	EA	40' x 40' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	96,799.91
11 68 16 00-0119	EA	40' x 40' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	101,989.65
11 68 16 00-0120	EA	36' x 54' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	106,655.92
11 68 16 00-0121	EA	36' x 54' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	114,481.85
11 68 16 00-0122	EA	38' x 55' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	105,380.95
11 68 16 00-0123	EA	38' x 55' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	114,481.85
11 68 16 00-0124	EA	40' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	106,655.92
11 68 16 00-0125	EA	40' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	114,481.85
11 68 16 00-0126	EA	40' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	115,576.98
11 68 16 00-0127	EA	40' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	123,481.34
11 68 16 00-0128	EA	50' x 50' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	157,413.07
11 68 16 00-0129	EA	50' x 50' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	163,589.86
11 68 16 00-0130	EA	50' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	162,827.74
11 68 16 00-0131	EA	50' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	164,101.78
11 68 16 00-0132	EA	56' x 59' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	167,143.88
11 68 16 00-0133	EA	56' x 59' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	174,023.15
11 68 16 00-0134	EA	60' x 60' Quad Ridge Shade Structure, 10' Opening Height, 9 Posts	167,756.56
11 68 16 00-0135	EA	60' x 60' Quad Ridge Shade Structure, 12' Opening Height, 9 Posts	174,986.89

11 68 16 00-0136 Peak-Roof Triangle (11 68 16 00-0001)

Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.

11 68 16 00-0137	EA	30' Peak-Roof Triangle Shade Structure, 12' Opening Height, 3 Posts	44,811.20
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 68 16 00-0138			Peak-Roof Hexagon <small>(11 68 16 00-0001)</small> Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0139	EA		38' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts.....	78,712.42	
11 68 16 00-0140	EA		40' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 6 Posts.....	82,058.64	
11 68 16 00-0141	EA		50' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts.....	136,879.02	
11 68 16 00-0142	EA		52' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts.....	141,673.00	
11 68 16 00-0143	EA		55' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts.....	145,207.72	
11 68 16 00-0144	EA		60' Peak-Roof Hexagon Shade Structure, 12' Opening Height, 7 Posts.....	149,573.46	

11 68 16 00-0145			Free-Form Tri-Sail <small>(11 68 16 00-0001)</small> Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0146	EA		18' Single Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 3 Posts.....	31,733.64	
11 68 16 00-0147	EA		18' Double Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 4 Posts.....	42,258.48	
11 68 16 00-0148	EA		18' Triple Free-Form Tri-Sail Shade Structure, 10' And 14' Opening Height, 5 Posts.....	65,630.10	
11 68 16 00-0149	EA		30' Double Free-Form Tri-Sail Shade Structure, 14' Opening Height, 5 Posts.....	97,074.85	

11 68 16 00-0150			Free-Form Hypar <small>(11 68 16 00-0001)</small> Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0151	EA		20' x 20' Single 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 4 Posts.....	47,002.33	
11 68 16 00-0152	EA		20' x 40' Double 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 6 Posts.....	58,994.54	
11 68 16 00-0153	EA		30' x 30' Single 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 4 Posts.....	64,509.46	
11 68 16 00-0154	EA		30' x 60' Double 4-Point Sail Shade Structure, Free-Form Hypar, 14' Opening Height, 6 Posts.....	78,551.37	

11 68 16 00-0155			Mariners <small>(11 68 16 00-0001)</small> Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0156	EA		30' x 30' Single Mariner Shade Structure, 10' Opening Height, 4 Posts.....	56,852.44	
11 68 16 00-0157	EA		30' x 30' Single Mariner Shade Structure, 12' Opening Height, 4 Posts.....	62,549.97	
11 68 16 00-0158	EA		30' x 60' Mariner Peak Joined Shade Structure, 10' Opening Height, 6 Posts.....	83,234.02	
11 68 16 00-0159	EA		30' x 60' Mariner Peak Joined Shade Structure, 12' Opening Height, 6 Posts.....	88,653.86	
11 68 16 00-0160	EA		60' x 60' Mariner Peak Quad Shade Structure, 10' Opening Height, 9 Posts.....	128,087.65	
11 68 16 00-0161	EA		60' x 60' Mariner Peak Quad Shade Structure, 12' Opening Height, 9 Posts.....	131,733.54	

11 68 16 00-0162			Single Post Pyramid <small>(11 68 16 00-0001)</small> Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0163	EA		14' x 14' Single Post Pyramid Shade Structure, 10' Opening Height, 1 Post.....	19,603.04	
11 68 16 00-0164	EA		14' x 14' Single Post Pyramid Shade Structure, 12' Opening Height, 1 Post.....	20,136.34	

11 68 16 00-0165			Tri-Truss Cantilevers <small>(11 68 16 00-0001)</small> Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0166	EA		20' x 30' Tri-Truss Rigid Single Wide Shade Structure, 10' Opening Height, 2 Posts.....	70,519.30	
11 68 16 00-0167	EA		20' x 30' Tri-Truss Rigid Single Wide Shade Structure, 12' Opening Height, 2 Posts.....	74,598.21	
11 68 16 00-0168	EA		30' x 40' Tri-Truss Rigid Single Wide Joined Shade Structure, 10' Opening Height, 3 Posts.....	105,271.15	
11 68 16 00-0169	EA		30' x 40' Tri-Truss Rigid Single Wide Joined Shade Structure, 12' Opening Height, 3 Posts.....	107,760.85	

11 68 16 00-0170			Full Cantilevers <small>(11 68 16 00-0001)</small> Note: Outdoor fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0171	EA		20' x 30' Full Cantilever Rigid Single Shade Structure, 10' Opening Height, 2 Posts.....	63,009.60	
11 68 16 00-0172	EA		20' x 60' Full Cantilever Rigid Joined Shade Structure, 12' Opening Height, 3 Posts.....	94,361.20	

11 68 16 00-0173			Hip Roof <small>(11 68 16 00-0001)</small> Note: Outdoor weatherproof fabric structure, specified fabric high density polyethylene (HDPE) Colourshade®.		
11 68 16 00-0174	EA		20' x 30' Single Rigid Hip Roof Shade Structure, 20 LB Snowload, 10' Opening Height, 4 Posts.....	42,977.46	
11 68 16 00-0175	EA		20' x 30' Single Rigid Hip Roof Shade Structure, 20 LB Snowload, 12' Opening Height, 4 Posts.....	48,143.68	

11 68 16 00-0176			Hip Roof <small>(11 68 16 00-0001)</small> Note: Outdoor weatherproof fabric structure (Specified Fabric PVC).		
11 68 16 00-0177	EA		30' x 30' Weather Protector Hip Roof Shade Structure, 10' Opening Height, 4 Posts.....	92,123.86	
11 68 16 00-0178	EA		30' x 30' Weather Protector Hip Roof Shade Structure, 12' Opening Height, 4 Posts.....	99,203.85	
11 68 16 00-0179	EA		30' x 60' Weather Protector Joined Hip Roof Shade Structure, 10' Opening Height, 6 Posts.....	173,639.38	
11 68 16 00-0180	EA		30' x 60' Weather Protector Joined Hip Roof Shade Structure, 12' Opening Height, 6 Posts.....	183,559.25	

11 68 16 00-0181			Additional Items <small>(11 68 16 00-0001)</small>		
11 68 16 00-0182	EA		Concrete Cutting for Playground Shade Structure, Per Core.....	216.36	
11 68 16 00-0183	HR		Overtime Wage For Playground Shade Structure, Per Man Hour (First Shift).....	107.00	
11 68 16 00-0184	HR		Overtime Wage Or "Late Start" Shift For Playground Shade Structure, Per Man Hour (Second Shift).....	131.00	
11 68 16 00-0185	EA		Intumescent Paint Per Column.....	3,618.72	

11 68 23 Exterior Court Athletic Equipment (11 68)

11 68 23 13 Exterior Basketball Equipment (11 68 23)

11	11	Equipment
	11 60	Entertainment and Recreation Equipment
	11 68	Play Field Equipment and Structures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 68 23	13-0001		Basketball Components <small>(11 68 23 13)</small>		
11 68 23	13-0002	EA	Anti-Whip, Nylon Cord Basketball Net (Porter Athletic 09608-120)	31.25	8.26
11 68 23	13-0003	EA	Chain Basketball Net (Porter Athletic 00161-000)	57.20	8.26
11 68 23	13-0004	EA	Heavy Duty Goal Ring (Porter Athletic 00235-000)	131.24	41.31
11 68 23	13-0005	EA	Goal Ring For Steel Net (Porter Athletic 00251-H00)	241.84	18.59
11 68 23	13-0006	EA	42" x 72" Rectangular Fully Tempered Glass Basketball Backboard With Steel Frame (Porter Athletic 00204-000)	1,417.66	35.11
			Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23	13-0007	EA	42" x 72" Rectangular 11 Gauge Perforated Steel Basketball Backboard (Porter Athletic 01207-300)	1,824.45	35.11
			Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23	13-0008	EA	54" x 39" Fan Shaped Cast Aluminum Basketball Backboard (Porter Athletic 00234-300)	926.33	30.98
			Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23	13-0009	EA	54" x 39" Fan Shaped Fiberglass Basketball Backboard (Porter Athletic 00267-000)	1,014.11	30.98
			Note: Includes perimeter and target markings. Excludes pole and goal.		
11 68 23	13-0010		Basketball Systems <small>(11 68 23 13)</small>		
			See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
11 68 23	13-0011	EA	4-1/2" Bent Post Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Steel Net Basketball System (Sportsplay 541-616)	2,312.83	241.51
11 68 23	13-0012	EA	5-9/16" Bent Post Galvanized Steel Pole With 6' Extension Style, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00176-230)	4,174.95	265.67
			For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
			For 42" x 72" Perforated Steel Backboard, Add	350.00	
11 68 23	13-0013	EA	4-1/2" Galvanized Steel Pole With 4' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00164-230)	2,669.69	241.51
			For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
			For 42" x 72" Perforated Steel Backboard, Add	350.00	
11 68 23	13-0014	EA	5-9/16" Galvanized Steel Pole With 6' Extension, Aluminum Backboard, Double Rim Goal And Nylon Net Basketball System (Porter Athletic 00166-230)	4,174.95	265.67
			For Fan Shaped Fiberglass Backboard, Deduct	-133.00	
			For 42" x 72" Perforated Steel Backboard, Add	350.00	
11 68 23	13-0015	EA	Back To Back 6" Galvanized Steel Pole With 5' Extensions, Aluminum Backboards, Double Rim Goals And Nylon Net Double Basketball System (Porter Athletic 195582)	7,513.63	390.69
			For Fan Shaped Fiberglass Backboard, Deduct	-498.00	
			For 42" x 72" Perforated Steel Backboard, Add	700.00	
11 68 23	33		Tennis Equipment <small>(11 68 23)</small>		
11 68 23	33-0001		Tennis Court Net Posts <small>(11 68 23 33)</small>		
11 68 23	33-0002	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder	1,058.96	140.46
11 68 23	33-0003	PR	Round, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,361.86	140.46
11 68 23	33-0004	PR	Square, Powder Coated Steel, Tennis Court Net Posts With Internal Brass Winder	1,412.34	140.46
11 68 23	33-0005	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With External Winder	1,499.64	140.46
11 68 23	33-0006	PR	Round, Powder Coated Aluminum, Tennis Court Net Posts With Internal Winder	1,810.48	140.46
11 68 23	33-0007	PR	Polyvinyl Chloride (PVC) Ground Sleeves For Tennis Court Net Posts	263.69	
11 68 23	33-0008	PR	Galvanized Steel Ground Sleeves For Tennis Court Net Posts	301.43	
11 68 23	33-0009	PR	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder (Porter 00865-200/300)	2,348.94	140.46
			Note: Includes ground sleeves.		
11 68 23	33-0010	EA	Round, Powder Coated Steel, Tennis Court Net Posts With External Winder (Porter 00865-200/300)	1,246.42	70.24
			Note: (Single Post) Includes ground sleeve.		
11 68 23	33-0011		Tennis Court Nets <small>(11 68 23 33)</small>		
11 68 23	33-0012	EA	42' Length, Single Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	585.31	138.82
11 68 23	33-0013	EA	42' Length, Double Top, Vinyl Headband, Polyethylene Net Body, Tennis Court Net	645.54	138.82
11 68 23	33-0014	EA	42' Length, Anti-Vandal, Aluminum Coated Flexible Steel Mesh, Tennis Court Net	1,413.67	213.59
11 68 23	33-0015	EA	Galvanized Steel Anchor For Tennis Court Net Center Strap	74.92	
11 68 33			Athletic Field Equipment <small>(11 68)</small>		
11 68 33	13		Football Field Equipment <small>(11 68 33)</small>		
11 68 33	13-0001		Football Goal Posts <small>(11 68 33 13)</small>		
			Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33	13-0002	PR	Double Steel Football Goal Posts, "H Shape"	5,199.22	371.73
11 68 33	13-0003	PR	Vertical Style Goal Post, Single In Ground Mounting, Steel With 20' Uprights	7,548.51	572.87
11 68 33	13-0004	PR	Gooseneck (Offset) Style Goal Post, Single In Ground Mounting, Steel, With 20' Uprights	9,013.00	687.44
11 68 33	23		Soccer and Field Hockey Equipment <small>(11 68 33)</small>		
11 68 33	23-0001		Soccer Goal Posts <small>(11 68 33 23)</small>		
			Note: Includes augering for post(s), set in concrete and backfill.		
11 68 33	23-0002	PR	Regulation Soccer Goal Posts	4,685.36	247.89
11 68 33	23-0003	PR	Combination Football/Soccer Goal Post	5,622.74	371.73
11 68 33	23-0004	PR	Portable Soccer Goal, Porter #477	7,482.28	247.89
11 68 33	23-0005	PR	Soccer Net, Porter #491-824	464.89	20.66
11 68 33	23-0006	PR	Field Hockey Goal With Net, Porter #260	6,598.48	165.25
11 68 33	23-0007	PR	Lacrosse Goal With Net, Porter #261	2,964.42	165.25
11 68 33	33		Baseball Field Equipment <small>(11 68 33)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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11 68 33 33-0001	Bases ^(11 68 33 33)	
11 68 33 33-0002	SET Bases For Baseball Or Softball.....	578.57

11 80 Facility Maintenance and Operation Equipment ⁽¹¹⁾

11 81 Maintenance Equipment ^(11 80)

11 81 29 Facility Fall Protection ^(11 81)

11 81 29 00-0001	Safety And Tie-Back Anchors ^(11 81 29) Note: One cut sheet charge required per manufacturer order. Excludes flashing and testing by engineer after installation.	
11 81 29 00-0002	Roof Mounted, Safety And Tie-Back Anchors ^(11 81 29 00-0001) Note: Includes up to 10" high, 0.216" thick hollow structural section tube, 1018 steel forged pad eye, 8" x 8" x 1/2" base plate and hot-dipped galvanized finish.	
11 81 29 00-0003	EA Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	772.39
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	
	For Stainless Steel Pad Eye, Add	40.00
	For Foam Insulation Filled HSS Tube, Add	10.00
11 81 29 00-0004	EA Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	660.73
	Note: Includes drilling in concrete and adhesive anchor systems.	
	For Stainless Steel Pad Eye, Add	40.00
	For Foam Insulation Filled HSS Tube, Add	10.00
11 81 29 00-0005	EA Up To 10" High, 0.216" Thick, Hollow Structural Section Tube, 1018 Steel Forged Pad Eye, 8" x 8" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Roof Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	478.03
	For Stainless Steel Pad Eye, Add	40.00
	For Foam Insulation Filled HSS Tube, Add	10.00
11 81 29 00-0006	Wall Mounted, Safety And Tie-Back Anchor ^(11 81 29 00-0001) Note: Includes 1018 steel forged pad eye, 10" x 4" x 1/2" base plate and hot-dipped galvanized finish.	
11 81 29 00-0007	EA Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Mechanically Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	544.63
	Note: Includes drilling in concrete, anchor bolts and bottom plate or plates.	
	For Stainless Steel Pad Eye, Add	40.00
11 81 29 00-0008	EA Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Epoxy Fastened, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	490.15
	Note: Includes drilling in concrete and adhesive anchor systems.	
	For Stainless Steel Pad Eye, Add	40.00
11 81 29 00-0009	EA Steel Forged Pad Eye (1018), 10" x 4" x 1/2" Base Plate And Hot-Dipped Galvanized Finish, Welded In Place, Wall Mounted, Safety And Tie-Back Anchor (Summit Anchor).....	418.45
	For Stainless Steel Pad Eye, Add	40.00
11 81 29 00-0010	Safety And Tie-Back Anchor Accessories ^(11 81 29 00-0001)	
11 81 29 00-0011	EA Mandatory Cut Sheets For Safety And Tie-Back Anchors (Summit Anchor).....	433.26
	Note: One cut sheet required per order.	
11 81 29 00-0012	Ladder Safety And Fall Protection ^(11 81 29)	
11 81 29 00-0013	EA Galvanized Standard Top Bracket With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6116280).....	280.34
11 81 29 00-0014	EA Galvanized 1x7 Cable, 3/8" 24' Long (Captial Safety Group-USA Lad-Saf™ 6110024).....	42.37
11 81 29 00-0015	EA Galvanized 1x7 Cable, 3/8" 30' Long (Captial Safety Group-USA Lad-Saf™ 6110030).....	52.97
11 81 29 00-0016	EA Galvanized 1x7 Cable, 3/8" 40' Long (Captial Safety Group-USA Lad-Saf™ 6110040).....	70.62
11 81 29 00-0017	EA Galvanized 1x7 Cable, 3/8" 50' Long (Captial Safety Group-USA Lad-Saf™ 6110050).....	88.28
11 81 29 00-0018	EA Non-metallic Cable Guide With Mounting Hardware (Captial Safety Group-USA Lad-Saf™ 6110400).....	57.85
11 81 29 00-0019	EA Flexible Cable Sleeve (Captial Safety Group-USA Lad-Saf™ 6160054).....	543.13
11 81 29 00-0020	EA Galvanized Standard Bottom Bracket (Captial Safety Group-USA Lad-Saf™ 6100090).....	128.51
11 81 29 00-0021	Fall-Arrest Systems ^(11 81 29)	
11 81 29 00-0022	Horizontal ^(11 81 29 00-0021)	
11 81 29 00-0023	LF Trolley Rail Fall Arrest System.....	704.12
	Note: Price per LF of trolley rail. Includes engineering, certification, design, fabrication, delivery, installation, training materials, equipment and five year warranty.	46.05
11 81 29 00-0024	Anchor Points ^(11 81 29 00-0021)	
11 81 29 00-0025	EA Roof Anchor, 16" x 16" Base With 12" High Post.....	634.58
	Note: Guardian CD-12 series	
11 81 29 00-0026	EA Roof Anchor, 12" x 12" Base With 18" High Post.....	742.53
	Note: Guardian CD-18 series	
11 81 29 00-0027	EA Bolt On Roof Anchor.....	283.31
	Note: Guardian CD-1-B series	
11 81 29 00-0028	EA Fall Arrest Anchor Attachment To 2" x 8" Stud.....	135.93
	Note: Super Anchor ARS 2x8	

11	11	Equipment
	11 80	Facility Maintenance and Operation Equipment
	11 81	Maintenance Equipment



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
11 81 29 00-0029 EA Fall Arrest Anchor Attachment To 2" x 12" Stud Note: Super Anchor ARS 2x12	158.03	
11 82 Facility Solid Waste Handling Equipment ^(11 80)		
11 82 19 Packaged Incinerators ^(11 82)		
11 82 19 00-0001 Electric Incinerator ^(11 82 19)		
11 82 19 00-0002 EA Electric Package Incinerator, 100 LB/Hour	42,902.59	995.81
11 82 19 00-0003 EA Electric Package Incinerator, 400 LB/Hour	87,800.59	1,991.63
11 82 19 00-0004 EA Electric Package Incinerator, 1,000 LB/Hour	298,163.79	2,987.44
11 82 19 00-0005 Medical Waste Incinerator ^(11 82 19)		
11 82 19 00-0006 EA Medical Waste Incinerator, 25 LB/Hour Size 2'-7" x 4'-0"	23,018.82	1,991.63
11 82 19 00-0007 EA Medical Waste Incinerator, 50 LB/Hour Size 2'-11" x 4'-11"	44,728.63	1,991.63
11 82 19 00-0008 EA Medical Waste Incinerator, 75 LB/Hour Size 3'-8" x 5'-0"	60,214.59	3,983.26
11 82 19 00-0009 EA Medium Waste Incinerator, 100 LB/Hour Size 3'-8" x 6'-0"	88,719.77	3,983.26
11 82 26 Facility Waste Compactors ^(11 82)		
11 82 26 00-0001 Waste Compactors ^(11 82 26)		
11 82 26 00-0002 110 Volt Compactors ^(11 82 26 00-0001)		
11 82 26 00-0003 EA Waste Compactor, 110 Volt At 75 LB/Hour.....	23,349.80	519.68
11 82 26 00-0004 EA Waste Compactor, 110 Volt At 250 LB/Hour.....	29,101.38	1,247.23
11 82 26 00-0005 230 Volt Compactors ^(11 82 26 00-0001)		
11 82 26 00-0006 EA Waste Compactor, 230 Volt At 600 LB/Hour Hand Fed	28,827.79	1,662.98
11 82 26 00-0007 EA Waste Compactor, 230 Volt At 600 LB/Hour Chute Fed	32,343.43	2,182.66
11 82 26 00-0008 Trash Compactors ^(11 82 26)		
11 82 26 00-0009 EA Trash Compactor, Small	4,607.78	282.68
11 82 26 00-0010 EA Trash Compactor, Large	5,699.57	319.89

END OF SECTION 11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 Furnishings

12 01 Operation and Maintenance of Furnishings ⁽¹²⁾

12 01 60 Operation and Maintenance of Multiple Seating ^(12 01)

12 01 60 00-0001	Repair Fixed Auditorium Seating ^(12 01 60)		
12 01 60 00-0002	EA Removal And Replacement Of Hardwood/Plywood Auditorium Seat Part.....	190.60	
12 01 60 00-0003	EA Removal And Replacement Of Auditorium Seat Armrest Part.....	87.83	
12 01 60 00-0004	EA Removal And Replacement Of End Armrest Part.....	123.34	
12 01 60 00-0005	EA Removal And Replacement Of Auditorium Seat Kick Plate Part.....	143.79	
12 01 60 00-0006	EA Removal And Replacement Of Auditorium Seat Long Back Part.....	232.26	
12 01 60 00-0007	EA Removal And Replacement Of Auditorium Seat Center Standard Part.....	186.59	
12 01 60 00-0008	EA Removal And Replacement Of Auditorium Seat Back Bracket Part.....	67.95	
12 01 60 00-0009	EA Removal And Replacement Of Auditorium Seat Bracket Part.....	72.51	
12 01 60 00-0010	EA Secure Seat To Floor.....	69.33	
12 01 60 00-0011	EA Removal And Reinstallation Of Existing Auditorium Seat In Concrete Floor.....	73.39	
	Note: Includes drilling and fasteners.		
	For Epoxy Anchoring, Add	24.59	
	For Expansion Anchor Mounting With Anchor Caps, Add	26.39	
	For Epoxy Anchor Mounting With Anchor Caps, Add	31.84	
12 01 60 00-0012	EA Reupholster Auditorium Seat And Back.....	211.01	
	Note: Includes removal of existing upholstery.		

12 20 Window Treatments ⁽¹²⁾

12 21 Window Blinds ^(12 20)

12 21 13 Horizontal Louver Blinds ^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 13 13 Metal Horizontal Louver Blinds ^(12 21 13)

12 21 13 13-0001 Aluminum Horizontal Louver Blinds ^(12 21 13 13)

12 21 13 13-0002	SF	1/2" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	11.70	0.94
12 21 13 13-0003	SF	1" x 0.006" Slats, Aluminum Horizontal Louver Blinds.....	9.58	0.94
12 21 13 13-0004	SF	1" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	10.39	0.94
12 21 13 13-0005	SF	2" x 0.008" Slats, Aluminum Horizontal Louver Blinds.....	12.03	0.94

12 21 13 33 Plastic Horizontal Louver Blinds ^(12 21 13)

12 21 13 33-0001 Vinyl Horizontal Louver Blinds ^(12 21 13 33)

12 21 13 33-0002	SF	1" Slats, Vinyl Horizontal Louver Blinds.....	9.90	0.94
12 21 13 33-0003	SF	2" Slats, Vinyl Horizontal Louver Blinds.....	11.45	0.94

12 21 16 Vertical Louver Blinds ^(12 21)

Note: Includes headrail, brackets, cords and all hardware.

12 21 16 13 Metal Vertical Louver Blinds ^(12 21 16)

12 21 16 13-0001 Aluminum Vertical Louver Blinds ^(12 21 16 13)

12 21 16 13-0002	SF	3-1/2" x 0.008" Slats, Aluminum Vertical Louver Blinds.....	13.61	2.00
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12 21 16 33 Plastic Vertical Louver Blinds ^(12 21 16)

12 21 16 33-0001 Vinyl Vertical Louver Blinds ^(12 21 16 33)

12 21 16 33-0002	SF	2" Slats, Vinyl Vertical Louver Blinds.....	8.78	2.00
12 21 16 33-0003	SF	3-1/2" Slats, Vinyl Vertical Louver Blinds.....	12.30	2.00

12 22 Curtains and Drapes ^(12 20)

12 22 13 Draperies ^(12 22)

12 22 13 00-0001 Lined Draperies ^(12 22 13)

Note: Width dimensions are the panel width at top excluding returns and overlaps.

12 22 13 00-0002 Up To 48" Wide Lined Draperies ^(12 22 13 00-0001)

12 22 13 00-0003	EA	Up To 39" Long, Up To 48" Wide Lined Draperies.....	407.15	14.29
12 22 13 00-0004	EA	>39" To 63" Long, Up To 48" Wide Lined Draperies.....	424.16	14.29
12 22 13 00-0005	EA	>63" To 72" Long, Up To 48" Wide Lined Draperies.....	451.81	14.29
12 22 13 00-0006	EA	>72" To 81" Long, Up To 48" Wide Lined Draperies.....	462.45	14.29
12 22 13 00-0007	EA	>81" To 90" Long, Up To 48" Wide Lined Draperies.....	487.97	14.29
12 22 13 00-0008	EA	>90" To 99" Long, Up To 48" Wide Lined Draperies.....	522.00	14.29
12 22 13 00-0009	EA	>99" To 108" Long, Up To 48" Wide Lined Draperies.....	543.27	14.29
12 22 13 00-0010	EA	>108" To 120" Long, Up To 48" Wide Lined Draperies.....	573.04	14.29
12 22 13 00-0011	EA	>120" To 130" Long, Up To 48" Wide Lined Draperies.....	619.84	14.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0012 >48" To 72" Wide Lined Draperies <small>(12 22 13 00-0001)</small>		
12 22 13 00-0013 EA Up To 39" Long, >48" To 72" Wide Lined Draperies.....	591.84	19.43
12 22 13 00-0014 EA >39" To 63" Long, >48" To 72" Wide Lined Draperies.....	630.13	19.43
12 22 13 00-0015 EA >63" To 72" Long, >48" To 72" Wide Lined Draperies.....	659.90	19.43
12 22 13 00-0016 EA >72" To 81" Long, >48" To 72" Wide Lined Draperies.....	685.42	19.43
12 22 13 00-0017 EA >81" To 90" Long, >48" To 72" Wide Lined Draperies.....	744.98	19.43
12 22 13 00-0018 EA >90" To 99" Long, >48" To 72" Wide Lined Draperies.....	774.75	19.43
12 22 13 00-0019 EA >99" To 108" Long, >48" To 72" Wide Lined Draperies.....	800.27	19.43
12 22 13 00-0020 EA >108" To 120" Long, >48" To 72" Wide Lined Draperies.....	855.57	19.43
12 22 13 00-0021 EA >120" To 130" Long, >48" To 72" Wide Lined Draperies.....	915.12	19.43
12 22 13 00-0022 >72" To 96" Wide Lined Draperies <small>(12 22 13 00-0001)</small>		
12 22 13 00-0023 EA Up To 39" Long, >72" To 96" Wide Lined Draperies.....	785.04	24.58
12 22 13 00-0024 EA >39" To 63" Long, >72" To 96" Wide Lined Draperies.....	840.34	24.58
12 22 13 00-0025 EA >63" To 72" Long, >72" To 96" Wide Lined Draperies.....	865.86	24.58
12 22 13 00-0026 EA >72" To 81" Long, >72" To 96" Wide Lined Draperies.....	925.41	24.58
12 22 13 00-0027 EA >81" To 90" Long, >72" To 96" Wide Lined Draperies.....	980.71	24.58
12 22 13 00-0028 EA >90" To 99" Long, >72" To 96" Wide Lined Draperies.....	1,036.01	24.58
12 22 13 00-0029 EA >99" To 108" Long, >72" To 96" Wide Lined Draperies.....	1,065.79	24.58
12 22 13 00-0030 EA >108" To 120" Long, >72" To 96" Wide Lined Draperies.....	1,125.34	24.58
12 22 13 00-0031 EA >120" To 130" Long, >72" To 96" Wide Lined Draperies.....	1,206.16	24.58
12 22 13 00-0032 >96" To 120" Wide Lined Draperies <small>(12 22 13 00-0001)</small>		
12 22 13 00-0033 EA Up To 39" Long, >96" To 120" Wide Lined Draperies.....	991.00	29.72
12 22 13 00-0034 EA >39" To 63" Long, >96" To 120" Wide Lined Draperies.....	1,046.30	29.72
12 22 13 00-0035 EA >63" To 72" Long, >96" To 120" Wide Lined Draperies.....	1,076.08	29.72
12 22 13 00-0036 EA >72" To 81" Long, >96" To 120" Wide Lined Draperies.....	1,161.15	29.72
12 22 13 00-0037 EA >81" To 90" Long, >96" To 120" Wide Lined Draperies.....	1,216.45	29.72
12 22 13 00-0038 EA >90" To 99" Long, >96" To 120" Wide Lined Draperies.....	1,276.00	29.72
12 22 13 00-0039 EA >99" To 108" Long, >96" To 120" Wide Lined Draperies.....	1,429.47	29.72
12 22 13 00-0040 EA >108" To 120" Long, >96" To 120" Wide Lined Draperies.....	1,420.63	29.72
12 22 13 00-0041 EA >120" To 130" Long, >96" To 120" Wide Lined Draperies.....	1,463.16	29.72
12 22 13 00-0042 >120" To 144" Wide Lined Draperies <small>(12 22 13 00-0001)</small>		
12 22 13 00-0043 EA Up To 39" Long, >120" To 144" Wide Lined Draperies.....	1,171.44	34.86
12 22 13 00-0044 EA >39" To 63" Long, >120" To 144" Wide Lined Draperies.....	1,252.26	34.86
12 22 13 00-0045 EA >63" To 72" Long, >120" To 144" Wide Lined Draperies.....	1,282.04	34.86
12 22 13 00-0046 EA >72" To 81" Long, >120" To 144" Wide Lined Draperies.....	1,367.11	34.86
12 22 13 00-0047 EA >81" To 90" Long, >120" To 144" Wide Lined Draperies.....	1,452.18	34.86
12 22 13 00-0048 EA >90" To 99" Long, >120" To 144" Wide Lined Draperies.....	1,537.26	34.86
12 22 13 00-0049 EA >99" To 108" Long, >120" To 144" Wide Lined Draperies.....	1,622.33	34.86
12 22 13 00-0050 EA >108" To 120" Long, >120" To 144" Wide Lined Draperies.....	1,707.41	34.86
12 22 13 00-0051 EA >120" To 130" Long, >120" To 144" Wide Lined Draperies.....	1,813.75	34.86
12 22 13 00-0052 >144" To 168" Wide Lined Draperies <small>(12 22 13 00-0001)</small>		
12 22 13 00-0053 EA Up To 39" Long, >144" To 168" Wide Lined Draperies.....	1,377.40	40.01
12 22 13 00-0054 EA >39" To 63" Long, >144" To 168" Wide Lined Draperies.....	1,462.47	40.01
12 22 13 00-0055 EA >63" To 72" Long, >144" To 168" Wide Lined Draperies.....	1,526.28	40.01
12 22 13 00-0056 EA >72" To 81" Long, >144" To 168" Wide Lined Draperies.....	1,611.35	40.01
12 22 13 00-0057 EA >81" To 90" Long, >144" To 168" Wide Lined Draperies.....	1,696.43	40.01
12 22 13 00-0058 EA >90" To 99" Long, >144" To 168" Wide Lined Draperies.....	1,802.77	40.01
12 22 13 00-0059 EA >99" To 108" Long, >144" To 168" Wide Lined Draperies.....	1,887.84	40.01
12 22 13 00-0060 EA >108" To 120" Long, >144" To 168" Wide Lined Draperies.....	1,972.92	40.01
12 22 13 00-0061 EA >120" To 130" Long, >144" To 168" Wide Lined Draperies.....	2,121.80	40.01
12 22 13 00-0062 >168" To 192" Wide Lined Draperies <small>(12 22 13 00-0001)</small>		
12 22 13 00-0063 EA Up To 39" Long, >168" To 192" Wide Lined Draperies.....	1,557.83	45.15
12 22 13 00-0064 EA >39" To 63" Long, >168" To 192" Wide Lined Draperies.....	1,664.17	45.15
12 22 13 00-0065 EA >63" To 72" Long, >168" To 192" Wide Lined Draperies.....	1,727.98	45.15
12 22 13 00-0066 EA >72" To 81" Long, >168" To 192" Wide Lined Draperies.....	1,834.32	45.15
12 22 13 00-0067 EA >81" To 90" Long, >168" To 192" Wide Lined Draperies.....	1,919.39	45.15
12 22 13 00-0068 EA >90" To 99" Long, >168" To 192" Wide Lined Draperies.....	2,025.73	45.15
12 22 13 00-0069 EA >99" To 108" Long, >168" To 192" Wide Lined Draperies.....	2,195.89	45.15
12 22 13 00-0070 EA >108" To 120" Long, >168" To 192" Wide Lined Draperies.....	2,259.69	45.15
12 22 13 00-0071 EA >120" To 130" Long, >168" To 192" Wide Lined Draperies.....	2,408.57	45.15
12 22 13 00-0072 >192" To 216" Wide Lined Draperies <small>(12 22 13 00-0001)</small>		
12 22 13 00-0073 EA Up To 39" Long, >192" To 216" Wide Lined Draperies.....	1,759.53	50.30
12 22 13 00-0074 EA >39" To 63" Long, >192" To 216" Wide Lined Draperies.....	1,844.61	50.30
12 22 13 00-0075 EA >63" To 72" Long, >192" To 216" Wide Lined Draperies.....	1,929.68	50.30
12 22 13 00-0076 EA >72" To 81" Long, >192" To 216" Wide Lined Draperies.....	2,057.29	50.30
12 22 13 00-0077 EA >81" To 90" Long, >192" To 216" Wide Lined Draperies.....	2,184.90	50.30
12 22 13 00-0078 EA >90" To 99" Long, >192" To 216" Wide Lined Draperies.....	2,312.52	50.30

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 22 13 00-0079 EA >99" To 108" Long, >192" To 216" Wide Lined Draperies.....	2,418.86	50.30
12 22 13 00-0080 EA >108" To 120" Long, >192" To 216" Wide Lined Draperies.....	2,525.20	50.30
12 22 13 00-0081 EA >120" To 130" Long, >192" To 216" Wide Lined Draperies.....	2,716.62	50.30
12 22 13 00-0082 >216" To 240" Wide Lined Draperies (12 22 13 00-0001)		
12 22 13 00-0083 EA Up To 39" Long, >216" To 240" Wide Lined Draperies.....	1,939.97	55.44
12 22 13 00-0084 EA >39" To 63" Long, >216" To 240" Wide Lined Draperies.....	2,088.86	55.44
12 22 13 00-0085 EA >63" To 72" Long, >216" To 240" Wide Lined Draperies.....	2,152.66	55.44
12 22 13 00-0086 EA >72" To 81" Long, >216" To 240" Wide Lined Draperies.....	2,280.27	55.44
12 22 13 00-0087 EA >81" To 90" Long, >216" To 240" Wide Lined Draperies.....	2,429.15	55.44
12 22 13 00-0088 EA >90" To 99" Long, >216" To 240" Wide Lined Draperies.....	2,556.76	55.44
12 22 13 00-0089 EA >99" To 108" Long, >216" To 240" Wide Lined Draperies.....	2,684.37	55.44
12 22 13 00-0090 EA >108" To 120" Long, >216" To 240" Wide Lined Draperies.....	2,811.98	55.44
12 22 13 00-0091 EA >120" To 130" Long, >216" To 240" Wide Lined Draperies.....	3,024.67	55.44
12 22 16 Drapery Track and Accessories (12 22)		
12 22 16 00-0001 Metal Wall Or Ceiling Mount Drapery Tracks (12 22 16)		
12 22 16 00-0002 Basic Traverse Rod (12 22 16 00-0001)		
12 22 16 00-0003 EA Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	141.44	44.88
12 22 16 00-0004 EA Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	168.70	44.88
12 22 16 00-0005 EA Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	201.96	49.87
12 22 16 00-0006 EA Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	287.09	49.87
12 22 16 00-0007 EA Traverse Rod, 165" To 312" Extension Metal Wall Or Ceiling Mounted Track.....	296.21	54.85
12 22 16 00-0008 Traverse Rod With Stationary Curtain Rod (12 22 16 00-0001)		
12 22 16 00-0009 EA Tray And Curtain Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	167.57	44.88
12 22 16 00-0010 EA Tray And Curtain Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	185.17	44.88
12 22 16 00-0011 EA Tray And Curtain Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	243.42	49.87
12 22 16 00-0012 EA Tray And Curtain Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	279.74	54.85
12 22 16 00-0013 Double Traverse Rod (12 22 16 00-0001)		
12 22 16 00-0014 EA Double Traverse Rod, 30" To 50" Extension Metal Wall Or Ceiling Mounted Track.....	212.43	44.88
12 22 16 00-0015 EA Double Traverse Rod, 50" To 90" Extension Metal Wall Or Ceiling Mounted Track.....	265.82	44.88
12 22 16 00-0016 EA Double Traverse Rod, 84" To 156" Extension Metal Wall Or Ceiling Mounted Track.....	336.84	49.87
12 22 16 00-0017 EA Double Traverse Rod, 136" To 250" Extension Metal Wall Or Ceiling Mounted Track.....	363.23	54.85
12 22 16 00-0018 Curtain Rods (12 22 16 00-0001)		
12 22 16 00-0019 LF Standard Metal Curtain Rod, White.....	12.28	2.05
12 22 16 00-0020 Relocate Drapery And Rod (12 22 16 00-0001)		
12 22 16 00-0021 LF Relocate Any Type Of Drapery And Any Type Rod.....	29.92	
Note: Includes storage and cleaning.		
12 23 Interior Shutters (12 20)		
12 23 13 Wood Interior Shutters (12 23)		
12 23 13 00-0001 Interior Plantation Shutters (12 23 13)		
Note: Mixture of white pine and poplar wood, stile: 1-3/4" x 1-1/8" thick, blade: 3/8" x 2-3/8", top and bottom rail: 4" x 1-5/16" thick. 36" To 48" heights do not have center rail, 52" to 80" with center rail. Center rail: 2" x 15/16"		
12 23 13 00-0002 12" Wide (12 23 13 00-0001)		
12 23 13 00-0003 PR 12" x 36" Plantation Shutter.....	275.99	34.53
12 23 13 00-0004 PR 12" x 40" Plantation Shutter.....	307.02	36.25
12 23 13 00-0005 PR 12" x 44" Plantation Shutter.....	335.20	37.98
12 23 13 00-0006 PR 12" x 48" Plantation Shutter.....	363.36	39.71
12 23 13 00-0007 PR 12" x 52" Plantation Shutter.....	391.53	41.43
12 23 13 00-0008 PR 12" x 56" Plantation Shutter.....	419.71	43.16
12 23 13 00-0009 PR 12" x 60" Plantation Shutter.....	422.00	44.89
12 23 13 00-0010 PR 12" x 64" Plantation Shutter.....	476.05	46.62
12 23 13 00-0011 PR 12" x 68" Plantation Shutter.....	504.22	48.34
12 23 13 00-0012 PR 12" x 72" Plantation Shutter.....	532.39	50.07
12 23 13 00-0013 PR 12" x 76" Plantation Shutter.....	560.55	51.80
12 23 13 00-0014 PR 12" x 80" Plantation Shutter.....	588.73	53.52
12 23 13 00-0015 14" Wide (12 23 13 00-0001)		
12 23 13 00-0016 PR 14" x 36" Plantation Shutter.....	287.49	34.53
12 23 13 00-0017 PR 14" x 40" Plantation Shutter.....	318.52	36.25
12 23 13 00-0018 PR 14" x 44" Plantation Shutter.....	346.70	37.98
12 23 13 00-0019 PR 14" x 48" Plantation Shutter.....	374.86	39.71
12 23 13 00-0020 PR 14" x 52" Plantation Shutter.....	405.91	41.43
12 23 13 00-0021 PR 14" x 56" Plantation Shutter.....	434.08	43.16

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 23 13 00-0022	PR	14" x 60" Plantation Shutter	462.24	44.89
12 23 13 00-0023	PR	14" x 64" Plantation Shutter	493.29	46.62
12 23 13 00-0024	PR	14" x 68" Plantation Shutter	521.45	48.34
12 23 13 00-0025	PR	14" x 72" Plantation Shutter	549.64	50.07
12 23 13 00-0026	PR	14" x 76" Plantation Shutter	580.67	51.80
12 23 13 00-0027	PR	14" x 80" Plantation Shutter	608.85	53.52
12 23 13 00-0028		15" Wide <small>(12 23 13 00-0001)</small>		
12 23 13 00-0029	PR	15" x 36" Plantation Shutter	298.98	34.53
12 23 13 00-0030	PR	15" x 40" Plantation Shutter	330.01	36.25
12 23 13 00-0031	PR	15" x 44" Plantation Shutter	358.19	37.98
12 23 13 00-0032	PR	15" x 48" Plantation Shutter	386.36	39.71
12 23 13 00-0033	PR	15" x 52" Plantation Shutter	417.40	41.43
12 23 13 00-0034	PR	15" x 56" Plantation Shutter	448.46	43.16
12 23 13 00-0035	PR	15" x 60" Plantation Shutter	479.49	44.89
12 23 13 00-0036	PR	15" x 64" Plantation Shutter	510.54	46.62
12 23 13 00-0037	PR	15" x 68" Plantation Shutter	541.57	48.34
12 23 13 00-0038	PR	15" x 72" Plantation Shutter	569.76	50.07
12 23 13 00-0039	PR	15" x 76" Plantation Shutter	600.79	51.80
12 23 13 00-0040	PR	15" x 80" Plantation Shutter	631.84	53.52
12 23 13 00-0041		16" Wide <small>(12 23 13 00-0001)</small>		
12 23 13 00-0042	PR	16" x 36" Plantation Shutter	316.23	34.53
12 23 13 00-0043	PR	16" x 40" Plantation Shutter	350.13	36.25
12 23 13 00-0044	PR	16" x 44" Plantation Shutter	381.19	37.98
12 23 13 00-0045	PR	16" x 48" Plantation Shutter	415.10	39.71
12 23 13 00-0046	PR	16" x 52" Plantation Shutter	446.15	41.43
12 23 13 00-0047	PR	16" x 56" Plantation Shutter	477.20	43.16
12 23 13 00-0048	PR	16" x 60" Plantation Shutter	508.23	44.89
12 23 13 00-0049	PR	16" x 64" Plantation Shutter	545.03	46.62
12 23 13 00-0050	PR	16" x 68" Plantation Shutter	576.06	48.34
12 23 13 00-0051	PR	16" x 72" Plantation Shutter	607.13	50.07
12 23 13 00-0052	PR	16" x 76" Plantation Shutter	641.03	51.80
12 23 13 00-0053	PR	16" x 80" Plantation Shutter	672.08	53.52
12 23 13 00-0054		18" Wide <small>(12 23 13 00-0001)</small>		
12 23 13 00-0055	PR	18" x 36" Plantation Shutter	342.10	34.53
12 23 13 00-0056	PR	18" x 40" Plantation Shutter	376.00	36.25
12 23 13 00-0057	PR	18" x 44" Plantation Shutter	409.93	37.98
12 23 13 00-0058	PR	18" x 48" Plantation Shutter	446.72	39.71
12 23 13 00-0059	PR	18" x 52" Plantation Shutter	480.64	41.43
12 23 13 00-0060	PR	18" x 56" Plantation Shutter	517.44	43.16
12 23 13 00-0061	PR	18" x 60" Plantation Shutter	551.34	44.89
12 23 13 00-0062	PR	18" x 64" Plantation Shutter	585.27	46.62
12 23 13 00-0063	PR	18" x 68" Plantation Shutter	619.18	48.34
12 23 13 00-0064	PR	18" x 72" Plantation Shutter	655.99	50.07
12 23 13 00-0065	PR	18" x 76" Plantation Shutter	689.89	51.80
12 23 13 00-0066	PR	18" x 80" Plantation Shutter	726.69	53.52
12 23 13 00-0067		20" Wide <small>(12 23 13 00-0001)</small>		
12 23 13 00-0068	PR	20" x 36" Plantation Shutter	370.84	34.53
12 23 13 00-0069	PR	20" x 40" Plantation Shutter	410.49	36.25
12 23 13 00-0070	PR	20" x 44" Plantation Shutter	447.29	37.98
12 23 13 00-0071	PR	20" x 48" Plantation Shutter	484.08	39.71
12 23 13 00-0072	PR	20" x 52" Plantation Shutter	523.75	41.43
12 23 13 00-0073	PR	20" x 56" Plantation Shutter	560.55	43.16
12 23 13 00-0074	PR	20" x 60" Plantation Shutter	600.21	44.89
12 23 13 00-0075	PR	20" x 64" Plantation Shutter	637.01	46.62
12 23 13 00-0076	PR	20" x 68" Plantation Shutter	676.66	48.34
12 23 13 00-0077	PR	20" x 72" Plantation Shutter	713.47	50.07
12 23 13 00-0078	PR	20" x 76" Plantation Shutter	753.13	51.80
12 23 13 00-0079	PR	20" x 80" Plantation Shutter	789.93	53.52
12 23 13 00-0080		22" Wide <small>(12 23 13 00-0001)</small>		
12 23 13 00-0081	PR	22" x 36" Plantation Shutter	393.83	34.53
12 23 13 00-0082	PR	22" x 40" Plantation Shutter	436.36	36.25
12 23 13 00-0083	PR	22" x 44" Plantation Shutter	476.04	37.98
12 23 13 00-0084	PR	22" x 48" Plantation Shutter	4,827.05	39.71
12 23 13 00-0085	PR	22" x 52" Plantation Shutter	558.24	41.43
12 23 13 00-0086	PR	22" x 56" Plantation Shutter	597.92	43.16
12 23 13 00-0087	PR	22" x 60" Plantation Shutter	637.57	44.89
12 23 13 00-0088	PR	22" x 64" Plantation Shutter	680.12	46.62
12 23 13 00-0089	PR	22" x 68" Plantation Shutter	719.77	48.34
12 23 13 00-0090	PR	22" x 72" Plantation Shutter	762.33	50.07
12 23 13 00-0091	PR	22" x 76" Plantation Shutter	801.99	51.80
12 23 13 00-0092	PR	22" x 80" Plantation Shutter	844.54	53.52

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 23 13 00-0093	24" Wide <small>(12 23 13 00-0001)</small>		
12 23 13 00-0094	PR 24" x 36" Plantation Shutter.....	416.83	34.53
12 23 13 00-0095	PR 24" x 40" Plantation Shutter.....	462.23	36.25
12 23 13 00-0096	PR 24" x 44" Plantation Shutter.....	504.78	37.98
12 23 13 00-0097	PR 24" x 48" Plantation Shutter.....	550.19	39.71
12 23 13 00-0098	PR 24" x 52" Plantation Shutter.....	592.73	41.43
12 23 13 00-0099	PR 24" x 56" Plantation Shutter.....	635.28	43.16
12 23 13 00-0100	PR 24" x 60" Plantation Shutter.....	677.81	44.89
12 23 13 00-0101	PR 24" x 64" Plantation Shutter.....	723.23	46.62
12 23 13 00-0102	PR 24" x 68" Plantation Shutter.....	765.76	48.34
12 23 13 00-0103	PR 24" x 72" Plantation Shutter.....	811.20	50.07
12 23 13 00-0104	PR 24" x 76" Plantation Shutter.....	853.72	51.80
12 23 13 00-0105	PR 24" x 80" Plantation Shutter.....	899.15	53.52

12 24 Window Shades (12 20)

12 24 13 Roller Window Shades (12 24)

12 24 13 00-0001	Roller Window Shades <small>(12 24 13)</small>		
12 24 13 00-0002	Vinyl Coated Fiberglass, Roller Window Shades <small>(12 24 13 00-0001)</small>		
	Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0003	SF 0% Openness, Blackout, Vinyl Coated Fiberglass, Roller Window Shades.....	14.93	0.68
12 24 13 00-0004	SF 1% To 10% Openness, Vinyl Coated Fiberglass, Roller Window Shades.....	14.93	0.68

12 24 13 00-0005 Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades (12 24 13 00-0001)

	Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0006	SF 0% Openness, Blackout, Polyvinyl Chloride (PVC) Free, Acrylic Backed Polyester, Roller Window Shades.....	19.09	0.68

12 24 13 00-0007 Vinyl Coated Polyester, Roller Window Shades (12 24 13 00-0001)

	Note: Includes roller, brackets, and stainless steel chain operator.		
12 24 13 00-0008	SF 1% To 10% Openness, Vinyl Coated Polyester, Roller Window Shades.....	14.93	0.68

12 24 13 00-0009 MechoShade (12 24 13)

Note: Includes all hardware required for installation and stainless steel chain operator.

12 24 13 00-0010 ThermoVeil 0700 Series (Blackout) Shade (12 24 13 00-0009)

12 24 13 00-0011	EA 3' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	219.45	13.79
	For Installation In Concrete Or Steel, Add	13.70	
	For Window Top >10' Above Finished Floor, Add	6.85	
12 24 13 00-0012	EA 3' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	265.77	18.39
	For Installation In Concrete Or Steel, Add	18.26	
	For Window Top >10' Above Finished Floor, Add	9.13	
12 24 13 00-0013	EA 3' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	289.40	22.98
	For Installation In Concrete Or Steel, Add	22.83	
	For Window Top >10' Above Finished Floor, Add	11.41	
12 24 13 00-0014	EA 3' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	308.90	27.57
	For Installation In Concrete Or Steel, Add	27.39	
	For Window Top >10' Above Finished Floor, Add	13.70	
12 24 13 00-0015	EA 4' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	229.76	13.79
	For Installation In Concrete Or Steel, Add	13.70	
	For Window Top >10' Above Finished Floor, Add	6.85	
12 24 13 00-0016	EA 4' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	282.27	18.39
	For Installation In Concrete Or Steel, Add	18.26	
	For Window Top >10' Above Finished Floor, Add	9.13	
12 24 13 00-0017	EA 4' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	301.78	22.98
	For Installation In Concrete Or Steel, Add	22.83	
	For Window Top >10' Above Finished Floor, Add	11.41	
12 24 13 00-0018	EA 4' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	325.41	27.57
	For Installation In Concrete Or Steel, Add	27.39	
	For Window Top >10' Above Finished Floor, Add	13.70	
12 24 13 00-0019	EA 5' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	242.14	13.79
	For Installation In Concrete Or Steel, Add	13.70	
	For Window Top >10' Above Finished Floor, Add	6.85	
12 24 13 00-0020	EA 5' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	300.84	18.39
	For Installation In Concrete Or Steel, Add	18.26	
	For Window Top >10' Above Finished Floor, Add	9.13	
12 24 13 00-0021	EA 5' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	320.35	22.98
	For Installation In Concrete Or Steel, Add	22.83	
	For Window Top >10' Above Finished Floor, Add	11.41	
12 24 13 00-0022	EA 5' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	343.98	27.57
	For Installation In Concrete Or Steel, Add	27.39	
	For Window Top >10' Above Finished Floor, Add	13.70	
12 24 13 00-0023	EA 6' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade.....	252.46	13.79
	For Installation In Concrete Or Steel, Add	13.70	
	For Window Top >10' Above Finished Floor, Add	6.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0024	EA	6' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	319.41 18.26 9.13	18.39
12 24	13 00-0025	EA	6' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	338.91 22.83 11.41	22.98
12 24	13 00-0026	EA	6' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	360.48 27.39 13.70	27.57
12 24	13 00-0027	EA	7' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	262.77 13.70 6.85	13.79
12 24	13 00-0028	EA	7' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	337.98 18.26 9.13	18.39
12 24	13 00-0029	EA	7' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	357.48 22.83 11.41	22.98
12 24	13 00-0030	EA	7' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	381.12 27.39 13.70	27.57
12 24	13 00-0031	EA	8' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	275.15 13.70 6.85	13.79
12 24	13 00-0032	EA	8' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	358.61 18.26 9.13	18.39
12 24	13 00-0033	EA	8' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	378.12 22.83 11.41	22.98
12 24	13 00-0034	EA	8' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	399.68 27.39 13.70	27.57
12 24	13 00-0035	EA	9' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	285.47 13.70 6.85	13.79
12 24	13 00-0036	EA	9' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	377.18 18.26 9.13	18.39
12 24	13 00-0037	EA	9' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	396.68 22.83 11.41	22.98
12 24	13 00-0038	EA	9' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	418.25 27.39 13.70	27.57
12 24	13 00-0039	EA	10' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	295.79 13.70 6.85	13.79
12 24	13 00-0040	EA	10' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	395.75 18.26 9.13	18.39
12 24	13 00-0041	EA	10' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	415.25 22.83 11.41	22.98
12 24	13 00-0042	EA	10' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	467.77 27.39 13.70	27.57
12 24	13 00-0043	EA	11' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	316.42 13.70 6.85	13.79
12 24	13 00-0044	EA	11' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	430.82 18.26 9.13	18.39
12 24	13 00-0045	EA	11' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	450.33 22.83 11.41	22.98
12 24	13 00-0046	EA	11' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	492.53 27.39 13.70	27.57
12 24	13 00-0047	EA	12' High x 3' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	386.57 13.70 6.85	13.79
12 24	13 00-0048	EA	12' High x 4' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	451.45 18.26 9.13	18.39
12 24	13 00-0049	EA	12' High x 5' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	470.96 22.83 11.41	22.98
12 24	13 00-0050	EA	12' High x 6' Wide, 0% Openness Factor, ThermoVeil 0700 Series (Blackout) Shade..... <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	519.35 27.39 13.70	27.57

12 24 13 00-0051 ThermoVeil 0900 And 3000 Series Shade (12 24 13 00-0009)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0052	EA	3' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	250.40 133.70 13.70 6.85	13.79
12 24	13 00-0053	EA	3' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	307.03 162.17 18.26 9.13	18.39
12 24	13 00-0054	EA	3' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	336.85 174.55 22.83 11.41	22.98
12 24	13 00-0055	EA	3' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	362.55 184.45 27.39 13.70	27.57
12 24	13 00-0056	EA	3' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	450.15 231.49 31.96 15.98	32.16
12 24	13 00-0057	EA	3' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	467.58 236.44 36.53 18.26	36.75
12 24	13 00-0058	EA	4' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	268.96 144.83 13.70 6.85	13.79
12 24	13 00-0059	EA	4' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	335.91 179.50 18.26 9.13	18.39
12 24	13 00-0060	EA	4' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	369.86 194.35 22.83 11.41	22.98
12 24	13 00-0061	EA	4' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	397.62 205.49 27.39 13.70	27.57
12 24	13 00-0062	EA	4' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	493.48 257.49 31.96 15.98	32.16
12 24	13 00-0063	EA	4' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	512.97 263.68 36.53 18.26	36.75
12 24	13 00-0064	EA	5' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	285.47 154.74 13.70 6.85	13.79
12 24	13 00-0065	EA	5' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	366.86 198.07 18.26 9.13	18.39
12 24	13 00-0066	EA	5' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	404.94 215.40 22.83 11.41	22.98
12 24	13 00-0067	EA	5' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	432.70 226.54 27.39 13.70	27.57
12 24	13 00-0068	EA	5' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	540.93 285.96 31.96 15.98	32.16
12 24	13 00-0069	EA	5' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	560.43 292.15 36.53 18.26	36.75
12 24	13 00-0070	EA	6' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	306.10 167.12 13.70 6.85	13.79
12 24	13 00-0071	EA	6' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	397.81 216.64 18.26 9.13	18.39
12 24	13 00-0072	EA	6' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	437.95 235.21 22.83 11.41	22.98
12 24	13 00-0073	EA	6' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	469.83 248.82 27.39 13.70	27.57

12	Furnishings
12 20	Window Treatments
12 24	Window Shades

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0074	EA	6' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	588.38 314.43 31.96 15.98	32.16
12 24	13 00-0075	EA	6' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	607.88 320.62 36.53 18.26	36.75
12 24	13 00-0076	EA	7' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	322.61 177.02 13.70 6.85	13.79
12 24	13 00-0077	EA	7' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	424.63 232.73 18.26 9.13	18.39
12 24	13 00-0078	EA	7' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	473.02 256.25 22.83 11.41	22.98
12 24	13 00-0079	EA	7' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	504.91 269.87 27.39 13.70	27.57
12 24	13 00-0080	EA	7' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	633.77 341.66 31.96 15.98	32.16
12 24	13 00-0081	EA	7' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	758.49 410.99 36.53 18.26	36.75
12 24	13 00-0082	EA	8' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	343.24 189.40 13.70 6.85	13.79
12 24	13 00-0083	EA	8' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	455.58 251.30 18.26 9.13	18.39
12 24	13 00-0084	EA	8' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	506.03 276.05 22.83 11.41	22.98
12 24	13 00-0085	EA	8' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	539.98 290.91 27.39 13.70	27.57
12 24	13 00-0086	EA	8' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	681.23 370.14 31.96 15.98	32.16
12 24	13 00-0087	EA	8' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	814.20 444.41 36.53 18.26	36.75
12 24	13 00-0088	EA	9' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	359.75 199.31 13.70 6.85	13.79
12 24	13 00-0089	EA	9' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	484.46 268.63 18.26 9.13	18.39
12 24	13 00-0090	EA	9' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	539.04 295.86 22.83 11.41	22.98
12 24	13 00-0091	EA	9' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	575.06 311.96 27.39 13.70	27.57
12 24	13 00-0092	EA	9' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	728.68 398.61 31.96 15.98	32.16
12 24	13 00-0093	EA	9' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	861.65 472.88 36.53 18.26	36.75
12 24	13 00-0094	EA	10' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	378.31 210.44 13.70 6.85	13.79
12 24	13 00-0095	EA	10' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	517.48 288.44 18.26 9.13	18.39

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0096	EA	10' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	576.18 318.14 22.83 11.41	22.98
12 24	13 00-0097	EA	10' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	612.19 334.24 27.39 13.70	27.57
12 24	13 00-0098	EA	10' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	790.58 435.75 31.96 15.98	32.16
12 24	13 00-0099	EA	10' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	909.11 501.36 36.53 18.26	36.75
12 24	13 00-0100	EA	11' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	413.39 231.49 13.70 6.85	13.79
12 24	13 00-0101	EA	11' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	554.61 310.72 18.26 9.13	18.39
12 24	13 00-0102	EA	11' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	625.70 347.86 22.83 11.41	22.98
12 24	13 00-0103	EA	11' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	665.84 366.43 27.39 13.70	27.57
12 24	13 00-0104	EA	11' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	868.98 482.79 31.96 15.98	32.16
12 24	13 00-0105	EA	11' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	987.51 548.40 36.53 18.26	36.75
12 24	13 00-0106	EA	12' High x 3' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	504.17 285.96 13.70 6.85	13.79
12 24	13 00-0107	EA	12' High x 4' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	591.75 333.00 18.26 9.13	18.39
12 24	13 00-0108	EA	12' High x 5' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	671.09 375.09 22.83 11.41	22.98
12 24	13 00-0109	EA	12' High x 6' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	711.23 393.66 27.39 13.70	27.57
12 24	13 00-0110	EA	12' High x 7' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	908.18 506.31 31.96 15.98	32.16
12 24	13 00-0111	EA	12' High x 8' Wide, 0 To 1% Openness Factor, ThermoVeil 0900 And 3000 Series Shade <i>For ThermoVeil 1300 Series (5% Openness), Add</i> <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	1,032.90 575.63 36.53 18.26	36.75
12 24	13 00-0112		EuroVeil 5100, 5200 And 5300 Series Shade <small>(12 24 13 00-0009)</small>		
12 24	13 00-0113	EA	3' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	264.84 13.70 6.85	13.79
12 24	13 00-0114	EA	3' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	286.40 18.26 9.13	18.39
12 24	13 00-0115	EA	3' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	328.60 22.83 11.41	22.98
12 24	13 00-0116	EA	3' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	389.37 27.39 13.70	27.57
12 24	13 00-0117	EA	3' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	435.71 31.96 15.98	32.16
12 24	13 00-0118	EA	3' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	477.90 36.53 18.26	36.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0119	EA	4' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	285.47 13.70 6.85	13.79
12 24	13 00-0120	EA	4' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	307.03 18.26 9.13	18.39
12 24	13 00-0121	EA	4' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	359.55 22.83 11.41	22.98
12 24	13 00-0122	EA	4' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	432.70 27.39 13.70	27.57
12 24	13 00-0123	EA	4' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	479.03 31.96 15.98	32.16
12 24	13 00-0124	EA	4' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	498.53 36.53 18.26	36.75
12 24	13 00-0125	EA	5' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	306.10 13.70 6.85	13.79
12 24	13 00-0126	EA	5' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	325.60 18.26 9.13	18.39
12 24	13 00-0127	EA	5' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	388.43 22.83 11.41	22.98
12 24	13 00-0128	EA	5' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	476.02 27.39 13.70	27.57
12 24	13 00-0129	EA	5' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	522.36 31.96 15.98	32.16
12 24	13 00-0130	EA	5' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	541.86 36.53 18.26	36.75
12 24	13 00-0131	EA	6' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	328.80 13.70 6.85	13.79
12 24	13 00-0132	EA	6' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	348.29 18.26 9.13	18.39
12 24	13 00-0133	EA	6' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	417.32 22.83 11.41	22.98
12 24	13 00-0134	EA	6' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	519.35 27.39 13.70	27.57
12 24	13 00-0135	EA	6' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	565.69 31.96 15.98	32.16
12 24	13 00-0136	EA	6' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	694.53 36.53 18.26	36.75
12 24	13 00-0137	EA	7' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	349.43 13.70 6.85	13.79
12 24	13 00-0138	EA	7' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	368.93 18.26 9.13	18.39
12 24	13 00-0139	EA	7' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	444.14 22.83 11.41	22.98
12 24	13 00-0140	EA	7' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	562.68 27.39 13.70	27.57
12 24	13 00-0141	EA	7' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	609.01 31.96 15.98	32.16
12 24	13 00-0142	EA	7' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	737.86 36.53 18.26	36.75
12 24	13 00-0143	EA	8' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	372.12 13.70 6.85	13.79
12 24	13 00-0144	EA	8' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	391.62 18.26 9.13	18.39
12 24	13 00-0145	EA	8' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	475.09 22.83 11.41	22.98
12 24	13 00-0146	EA	8' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	606.00 27.39 13.70	27.57
12 24	13 00-0147	EA	8' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	668.85 31.96 15.98	32.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0148	EA	8' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	775.00 36.53 18.26	36.75
12 24	13 00-0149	EA	9' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	392.76 13.70 6.85	13.79
12 24	13 00-0150	EA	9' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	410.19 18.26 9.13	18.39
12 24	13 00-0151	EA	9' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	506.03 22.83 11.41	22.98
12 24	13 00-0152	EA	9' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	657.58 27.39 13.70	27.57
12 24	13 00-0153	EA	9' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	703.92 31.96 15.98	32.16
12 24	13 00-0154	EA	9' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	818.33 36.53 18.26	36.75
12 24	13 00-0155	EA	10' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	413.39 13.70 6.85	13.79
12 24	13 00-0156	EA	10' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	432.88 18.26 9.13	18.39
12 24	13 00-0157	EA	10' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	532.86 22.83 11.41	22.98
12 24	13 00-0158	EA	10' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	694.72 27.39 13.70	27.57
12 24	13 00-0159	EA	10' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	743.12 31.96 15.98	32.16
12 24	13 00-0160	EA	10' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	878.16 36.53 18.26	36.75
12 24	13 00-0161	EA	11' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	464.97 13.70 6.85	13.79
12 24	13 00-0162	EA	11' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	484.46 18.26 9.13	18.39
12 24	13 00-0163	EA	11' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	603.00 22.83 11.41	22.98
12 24	13 00-0164	EA	11' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	762.81 27.39 13.70	27.57
12 24	13 00-0165	EA	11' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	819.46 31.96 15.98	32.16
12 24	13 00-0166	EA	11' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	946.24 36.53 18.26	36.75
12 24	13 00-0167	EA	12' High x 3' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	547.50 13.70 6.85	13.79
12 24	13 00-0168	EA	12' High x 4' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	507.16 18.26 9.13	18.39
12 24	13 00-0169	EA	12' High x 5' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	636.02 22.83 11.41	22.98
12 24	13 00-0170	EA	12' High x 6' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	806.13 27.39 13.70	27.57
12 24	13 00-0171	EA	12' High x 7' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	864.85 31.96 15.98	32.16
12 24	13 00-0172	EA	12' High x 8' Wide, 5 To 6% Openness Factor, EuroVeil 5100, 5200 And 5300 Series Shade <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	989.57 36.53 18.26	36.75
12 24	13 00-0173		Snaplock Fascia <small>(12 24 13 00-0009)</small>		
12 24	13 00-0174	EA	3' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	31.41 2.28 1.14	2.29
12 24	13 00-0175	EA	4' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	41.20 3.05 1.52	3.06
12 24	13 00-0176	EA	5' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	50.99 3.81 1.90	3.82

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0177	EA	6' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	64.90 4.57 2.28	4.59
12 24	13 00-0178	EA	7' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	72.62 5.33 2.66	5.35
12 24	13 00-0179	EA	8' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	84.46 6.09 3.04	6.13
12 24	13 00-0180	EA	9' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	96.31 6.85 3.42	6.89
12 24	13 00-0181	EA	10' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	106.09 7.61 3.80	7.66
12 24	13 00-0182	EA	11' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	115.88 8.37 4.19	8.42
12 24	13 00-0183	EA	12' Wide Mecho Slimline, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	185.50 9.13 4.57	9.19
12 24	13 00-0184	EA	3' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	58.23 2.28 1.14	2.29
12 24	13 00-0185	EA	4' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	78.34 3.05 1.52	3.06
12 24	13 00-0186	EA	5' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	96.38 3.81 1.90	3.82
12 24	13 00-0187	EA	6' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	114.41 4.57 2.28	4.59
12 24	13 00-0188	EA	7' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	134.51 5.33 2.66	5.35
12 24	13 00-0189	EA	8' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	152.55 6.09 3.04	6.13
12 24	13 00-0190	EA	9' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	172.65 6.85 3.42	6.89
12 24	13 00-0191	EA	10' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	194.81 7.61 3.80	7.66
12 24	13 00-0192	EA	11' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	210.79 8.37 4.19	8.42
12 24	13 00-0193	EA	12' Wide Mecho Extended, Regular Snaplock Fascia <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	346.43 9.13 4.57	9.19
12 24	13 00-0194		Room Darkening Sill And Side Channel <small>(12 24 13 00-0009)</small>		
12 24	13 00-0195	EA	36" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	42.66 6.85 3.42	6.89
12 24	13 00-0196	EA	48" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	55.52 9.13 4.57	9.19
12 24	13 00-0197	EA	60" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	72.50 11.42 5.71	11.49
12 24	13 00-0198	EA	72" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	87.40 13.70 6.85	13.79
12 24	13 00-0199	EA	84" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	100.25 15.98 7.99	16.09
12 24	13 00-0200	EA	96" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	115.15 18.26 9.13	18.39
12 24	13 00-0201	EA	108" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	130.07 20.55 10.27	20.68
12 24	13 00-0202	EA	120" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	142.91 22.83 11.41	22.98
12 24	13 00-0203	EA	132" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	155.76 25.11 12.56	25.27
12 24	13 00-0204	EA	144" Wide, 1-15/16" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	170.67 27.39 13.70	27.57
12 24	13 00-0205	EA	36" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	42.66 6.85 3.42	6.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 24	13 00-0206	EA	48" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	90.59 9.13 4.57	9.19
12 24	13 00-0207	EA	60" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	113.76 11.42 5.71	11.49
12 24	13 00-0208	EA	72" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	132.79 13.70 6.85	13.79
12 24	13 00-0209	EA	84" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	158.02 15.98 7.99	16.09
12 24	13 00-0210	EA	96" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	179.11 18.26 9.13	18.39
12 24	13 00-0211	EA	108" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	212.60 20.55 10.27	20.68
12 24	13 00-0212	EA	120" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	235.75 22.83 11.41	22.98
12 24	13 00-0213	EA	132" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	260.99 25.11 12.56	25.27
12 24	13 00-0214	EA	144" Wide, 2-5/8" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	282.08 27.39 13.70	27.57
12 24	13 00-0215	EA	36" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	55.04 6.85 3.42	6.89
12 24	13 00-0216	EA	48" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	76.15 9.13 4.57	9.19
12 24	13 00-0217	EA	60" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	95.19 11.42 5.71	11.49
12 24	13 00-0218	EA	72" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	114.22 13.70 6.85	13.79
12 24	13 00-0219	EA	84" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	131.19 15.98 7.99	16.09
12 24	13 00-0220	EA	96" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	150.23 18.26 9.13	18.39
12 24	13 00-0221	EA	108" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	169.27 20.55 10.27	20.68
12 24	13 00-0222	EA	120" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	186.24 22.83 11.41	22.98
12 24	13 00-0223	EA	132" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	205.28 25.11 12.56	25.27
12 24	13 00-0224	EA	144" Wide, 2-1/2" Single Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	226.38 27.39 13.70	27.57
12 24	13 00-0225	EA	36" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	98.37 6.85 3.42	6.89
12 24	13 00-0226	EA	48" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	127.73 9.13 4.57	9.19
12 24	13 00-0227	EA	60" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	159.15 11.42 5.71	11.49
12 24	13 00-0228	EA	72" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	194.69 13.70 6.85	13.79
12 24	13 00-0229	EA	84" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	224.04 15.98 7.99	16.09
12 24	13 00-0230	EA	96" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	257.51 18.26 9.13	18.39
12 24	13 00-0231	EA	108" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	288.93 20.55 10.27	20.68
12 24	13 00-0232	EA	120" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	322.41 22.83 11.41	22.98
12 24	13 00-0233	EA	132" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	351.77 25.11 12.56	25.27
12 24	13 00-0234	EA	144" Wide, 5" Double Mecho Room Darkening Sill And Side Channel <i>For Installation In Concrete Or Steel, Add</i> <i>For Window Top >10' Above Finished Floor, Add</i>	383.18 27.39 13.70	27.57

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 25 Window Treatment Operating Hardware ^(12 20)

12 25 09 Window Treatment Control System ^(12 25)

12 25 09 00-0001 Motorized Lightproof Shades ^(12 25 09)

12 25 09 00-0002	SF	Motorized Lightproof Shades, Up To 144" Width	39.37	2.49
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12 25 13 Motorized Drapery Rods ^(12 25)

12 25 13 00-0001 Motorized Drapery Track ^(12 25 13)

12 25 13 00-0002	EA	2' To 4' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,331.05	115.10
12 25 13 00-0003	EA	>4' To 5' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,388.92	126.62
12 25 13 00-0004	EA	>5' To 6' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,446.80	138.13
12 25 13 00-0005	EA	>6' To 7' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,504.66	149.64
12 25 13 00-0006	EA	>7' To 8' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,562.53	161.15
12 25 13 00-0007	EA	>8' To 9' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,620.39	172.66
12 25 13 00-0008	EA	>9' To 10' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,678.26	184.17
12 25 13 00-0009	EA	>10' To 11' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,736.13	195.69
12 25 13 00-0010	EA	>11' To 12' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,794.00	207.19
12 25 13 00-0011	EA	>12' To 13' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,851.87	218.70
12 25 13 00-0012	EA	>13' To 14' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,909.74	230.21
12 25 13 00-0013	EA	>14' To 15' Wide, Motorized Curtain Track (Somfy Glydea 60E)	1,967.60	241.72
12 25 13 00-0014	EA	>15' To 16' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,025.47	253.23
12 25 13 00-0015	EA	>16' To 17' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,083.34	264.74
12 25 13 00-0016	EA	>17' To 18' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,141.21	276.26
12 25 13 00-0017	EA	>18' To 19' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,199.07	287.77
12 25 13 00-0018	EA	>19' To 20' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,256.95	299.28
12 25 13 00-0019	EA	>20' To 21' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,314.81	310.79
12 25 13 00-0020	EA	>21' To 22' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,372.68	322.30
12 25 13 00-0021	EA	>22' To 23' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,430.55	333.81
12 25 13 00-0022	EA	>23' To 24' Wide, Motorized Curtain Track (Somfy Glydea 60E)	2,488.42	345.31

12 30 Casework ⁽¹²⁾

12 31 Manufactured Metal Casework ^(12 30)

12 31 16 Manufactured Metal Sandwich Panel Casework ^(12 31)

12 31 16 00-0001 34-1/2" High x 24" Deep, Stainless Steel Cabinets ^(12 31 16)

12 31 16 00-0002 18 Gauge, #4 Finish, 304 Stainless Steel Base Cabinets ^(12 31 16 00-0001)

12 31 16 00-0003 18" Stainless Steel Base Cabinet ^(12 31 16 00-0002)

12 31 16 00-0004	EA	18" Stainless Steel Base Cabinet, No Doors Or Drawers	1,766.81	277.88
		<i>For 16 Gauge Stainless Steel, Add</i>	260.34	
		<i>For >5 To 9, Deduct</i>	-63.57	
		<i>For >9, Deduct</i>	-127.14	
12 31 16 00-0005	EA	18" Stainless Steel Base Cabinet, With 4 Drawers	2,795.29	277.88
		<i>For 16 Gauge Stainless Steel, Add</i>	481.46	
		<i>For >5 To 9, Deduct</i>	-117.57	
		<i>For >9, Deduct</i>	-235.13	
12 31 16 00-0006	EA	18" Stainless Steel Base Cabinet, With 3 Drawers	2,601.22	277.88
		<i>For 16 Gauge Stainless Steel, Add</i>	439.74	
		<i>For >5 To 9, Deduct</i>	-107.38	
		<i>For >9, Deduct</i>	-214.76	
12 31 16 00-0007	EA	18" Stainless Steel Base Cabinet, With 2 Drawers	2,407.15	277.88
		<i>For 16 Gauge Stainless Steel, Add</i>	398.01	
		<i>For >5 To 9, Deduct</i>	-97.19	
		<i>For >9, Deduct</i>	-194.38	
12 31 16 00-0008	EA	18" Stainless Steel Base Cabinet, With Doors And Drawers	2,341.30	277.88
		<i>For 16 Gauge Stainless Steel, Add</i>	383.85	
		<i>For >5 To 9, Deduct</i>	-93.73	
		<i>For >9, Deduct</i>	-187.46	

12 31 16 00-0009 24" Stainless Steel Base Cabinet ^(12 31 16 00-0002)

12 31 16 00-0010	EA	24" Stainless Steel Base Cabinet, With Doors And Locks	2,510.19	300.33
		<i>For 16 Gauge Stainless Steel, Add</i>	410.45	
		<i>For >5 To 9, Deduct</i>	-100.23	
		<i>For >9, Deduct</i>	-200.45	
12 31 16 00-0011	EA	24" Stainless Steel Base Cabinet, With Door, No Locks	2,273.39	300.33
		<i>For 16 Gauge Stainless Steel, Add</i>	359.54	
		<i>For >5 To 9, Deduct</i>	-87.80	
		<i>For >9, Deduct</i>	-175.59	
12 31 16 00-0012	EA	24" Stainless Steel Base Cabinet, With Two Doors, No Locks	2,325.23	300.33
		<i>For 16 Gauge Stainless Steel, Add</i>	370.69	
		<i>For >5 To 9, Deduct</i>	-90.52	
		<i>For >9, Deduct</i>	-181.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0013 EA 24" Stainless Steel Base Cabinet, No Doors, 2 Drawers	2,566.24	300.33
<i>For 16 Gauge Stainless Steel, Add</i>	422.51	
<i>For >5 To 9, Deduct</i>	-103.17	
<i>For >9, Deduct</i>	-206.34	
12 31 16 00-0014 EA 24" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,296.97	300.33
<i>For 16 Gauge Stainless Steel, Add</i>	579.61	
<i>For >5 To 9, Deduct</i>	-141.53	
<i>For >9, Deduct</i>	-283.07	
12 31 16 00-0015 EA 24" Stainless Steel Base Cabinet, With Doors And Drawers, With Locks	3,610.14	300.33
<i>For 16 Gauge Stainless Steel, Add</i>	646.94	
<i>For >5 To 9, Deduct</i>	-157.97	
<i>For >9, Deduct</i>	-315.95	
12 31 16 00-0016 30" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>		
12 31 16 00-0017 EA 30" Stainless Steel Base Cabinet, No Doors, No Drawers	2,231.67	316.48
<i>For 16 Gauge Stainless Steel, Add</i>	343.77	
<i>For >5 To 9, Deduct</i>	-83.94	
<i>For >9, Deduct</i>	-167.89	
12 31 16 00-0018 EA 30" Stainless Steel Base Cabinet, With 4 Full Size Drawers	3,181.69	316.48
<i>For 16 Gauge Stainless Steel, Add</i>	548.03	
<i>For >5 To 9, Deduct</i>	-133.82	
<i>For >9, Deduct</i>	-267.64	
12 31 16 00-0019 EA 30" Stainless Steel Base Cabinet, With Doors, Drawers And Locks	4,055.34	316.48
<i>For 16 Gauge Stainless Steel, Add</i>	735.86	
<i>For >5 To 9, Deduct</i>	-179.69	
<i>For >9, Deduct</i>	-359.37	
12 31 16 00-0020 EA 30" Stainless Steel Base Cabinet, With Doors And Drawers, No Locks	3,742.17	316.48
<i>For 16 Gauge Stainless Steel, Add</i>	668.53	
<i>For >5 To 9, Deduct</i>	-163.25	
<i>For >9, Deduct</i>	-326.49	
12 31 16 00-0021 EA 30" Stainless Steel Base Cabinet, With Doors And One Full Size Drawer	3,548.10	316.48
<i>For 16 Gauge Stainless Steel, Add</i>	626.80	
<i>For >5 To 9, Deduct</i>	-153.06	
<i>For >9, Deduct</i>	-306.11	
12 31 16 00-0022 EA 30" Stainless Steel Base Cabinet, With Doors, No Locks	2,760.63	316.48
<i>For 16 Gauge Stainless Steel, Add</i>	457.50	
<i>For >5 To 9, Deduct</i>	-111.71	
<i>For >9, Deduct</i>	-223.43	
12 31 16 00-0023 EA 30" Stainless Steel Base Cabinet, With Doors And Locks	2,736.81	316.48
<i>For 16 Gauge Stainless Steel, Add</i>	452.38	
<i>For >5 To 9, Deduct</i>	-110.46	
<i>For >9, Deduct</i>	-220.93	
12 31 16 00-0024 36" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>		
12 31 16 00-0025 EA 36" Stainless Steel Base Cabinet, No Doors, No Drawers	2,456.73	329.05
<i>For 16 Gauge Stainless Steel, Add</i>	386.57	
<i>For >5 To 9, Deduct</i>	-94.39	
<i>For >9, Deduct</i>	-188.79	
12 31 16 00-0026 EA 36" Stainless Steel Base Cabinet, With Doors And Locks	2,962.56	329.05
<i>For 16 Gauge Stainless Steel, Add</i>	495.32	
<i>For >5 To 9, Deduct</i>	-120.95	
<i>For >9, Deduct</i>	-241.90	
12 31 16 00-0027 EA 36" Stainless Steel Base Cabinet, With Door, No Lock	2,776.21	329.05
<i>For 16 Gauge Stainless Steel, Add</i>	455.26	
<i>For >5 To 9, Deduct</i>	-111.17	
<i>For >9, Deduct</i>	-222.33	
12 31 16 00-0028 EA 36" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,278.29	329.05
<i>For 16 Gauge Stainless Steel, Add</i>	778.20	
<i>For >5 To 9, Deduct</i>	-190.03	
<i>For >9, Deduct</i>	-380.05	
12 31 16 00-0029 EA 36" Stainless Steel Base Cabinet, With Doors, Drawers, No Locks	3,965.82	329.05
<i>For 16 Gauge Stainless Steel, Add</i>	711.02	
<i>For >5 To 9, Deduct</i>	-173.62	
<i>For >9, Deduct</i>	-347.24	
12 31 16 00-0030 42" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>		
12 31 16 00-0031 EA 42" Stainless Steel Base Cabinet, No Doors, No Drawers	2,580.69	349.69
<i>For 16 Gauge Stainless Steel, Add</i>	404.46	
<i>For >5 To 9, Deduct</i>	-98.76	
<i>For >9, Deduct</i>	-197.53	
12 31 16 00-0032 EA 42" Stainless Steel Base Cabinet, With Doors, Drawers And Lock	4,513.65	349.69
<i>For 16 Gauge Stainless Steel, Add</i>	820.05	
<i>For >5 To 9, Deduct</i>	-200.24	
<i>For >9, Deduct</i>	-400.49	
12 31 16 00-0033 EA 42" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock	4,200.48	349.69
<i>For 16 Gauge Stainless Steel, Add</i>	752.72	
<i>For >5 To 9, Deduct</i>	-183.80	
<i>For >9, Deduct</i>	-367.61	
12 31 16 00-0034 EA 42" Stainless Steel Base Cabinet, No Doors, 2 Drawers	3,876.10	349.69
<i>For 16 Gauge Stainless Steel, Add</i>	682.98	
<i>For >5 To 9, Deduct</i>	-166.77	
<i>For >9, Deduct</i>	-333.55	

12 Furnishings**12 30 Casework****12 31 Manufactured Metal Casework**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
12 31 16 00-0035	EA	42" Stainless Steel Base Cabinet, With Doors, No Lock.....	3,012.26		349.69
		<i>For 16 Gauge Stainless Steel, Add</i>	497.25		
		<i>For >5 To 9, Deduct</i>	-121.42		
		<i>For >9, Deduct</i>	-242.84		
12 31 16 00-0036	EA	42" Stainless Steel Base Cabinet, With Doors And Lock.....	3,195.82		349.69
		<i>For 16 Gauge Stainless Steel, Add</i>	536.72		
		<i>For >5 To 9, Deduct</i>	-131.06		
		<i>For >9, Deduct</i>	-262.12		
12 31 16 00-0037		48" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>			
12 31 16 00-0038	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers And Lock.....	4,729.79		357.77
		<i>For 16 Gauge Stainless Steel, Add</i>	863.17		
		<i>For >5 To 9, Deduct</i>	-210.77		
		<i>For >9, Deduct</i>	-421.55		
12 31 16 00-0039	EA	48" Stainless Steel Base Cabinet, With Doors, Drawers, No Lock.....	4,417.32		357.77
		<i>For 16 Gauge Stainless Steel, Add</i>	795.99		
		<i>For >5 To 9, Deduct</i>	-194.37		
		<i>For >9, Deduct</i>	-388.74		
12 31 16 00-0040	EA	48" Stainless Steel Base Cabinet, No Doors, No Drawers.....	2,796.83		357.77
		<i>For 16 Gauge Stainless Steel, Add</i>	447.58		
		<i>For >5 To 9, Deduct</i>	-109.29		
		<i>For >9, Deduct</i>	-218.59		
12 31 16 00-0041	EA	48" Stainless Steel Base Cabinet, No Doors, 2 Drawers.....	4,092.94		357.77
		<i>For 16 Gauge Stainless Steel, Add</i>	726.25		
		<i>For >5 To 9, Deduct</i>	-177.34		
		<i>For >9, Deduct</i>	-354.68		
12 31 16 00-0042	EA	48" Stainless Steel Base Cabinet, With Doors, And Lock.....	3,414.06		357.77
		<i>For 16 Gauge Stainless Steel, Add</i>	580.29		
		<i>For >5 To 9, Deduct</i>	-141.70		
		<i>For >9, Deduct</i>	-283.40		
12 31 16 00-0043	EA	48" Stainless Steel Base Cabinet, With Doors, No Locks.....	3,363.62		357.77
		<i>For 16 Gauge Stainless Steel, Add</i>	569.44		
		<i>For >5 To 9, Deduct</i>	-139.05		
		<i>For >9, Deduct</i>	-278.10		
12 31 16 00-0044		60" Stainless Steel Base Cabinet <small>(12 31 16 00-0002)</small>			
12 31 16 00-0045	EA	24" Deep x 60" Wide Stainless Steel Sink Base Cabinet.....	3,334.49		368.67
		<i>For 16 Gauge Stainless Steel, Add</i>	558.47		
		<i>For >5 To 9, Deduct</i>	-136.37		
		<i>For >9, Deduct</i>	-272.74		
12 31 16 00-0046		18 Gauge, #4 Finish, 304 Stainless Steel Wall Cabinets <small>(12 31 16 00-0001)</small>			
12 31 16 00-0047		12" Wide Stainless Steel Wall Cabinets <small>(12 31 16 00-0046)</small>			
12 31 16 00-0048	EA	12"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,321.40		105.79
		<i>For 16 Gauge Stainless Steel, Add</i>	238.61		
		<i>For >5 To 9, Deduct</i>	-58.26		
		<i>For >9, Deduct</i>	-116.53		
12 31 16 00-0049	EA	12"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,319.28		112.20
		<i>For 16 Gauge Stainless Steel, Add</i>	235.39		
		<i>For >5 To 9, Deduct</i>	-57.48		
		<i>For >9, Deduct</i>	-114.96		
12 31 16 00-0050		18" Wide Stainless Steel Wall Cabinets <small>(12 31 16 00-0046)</small>			
12 31 16 00-0051	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,386.51		113.74
		<i>For 16 Gauge Stainless Steel, Add</i>	249.16		
		<i>For >5 To 9, Deduct</i>	-60.84		
		<i>For >9, Deduct</i>	-121.68		
12 31 16 00-0052	EA	18"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,310.15		113.74
		<i>For 16 Gauge Stainless Steel, Add</i>	232.74		
		<i>For >5 To 9, Deduct</i>	-56.83		
		<i>For >9, Deduct</i>	-113.66		
12 31 16 00-0053	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,532.64		123.74
		<i>For 16 Gauge Stainless Steel, Add</i>	276.29		
		<i>For >5 To 9, Deduct</i>	-67.47		
		<i>For >9, Deduct</i>	-134.93		
12 31 16 00-0054	EA	18"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,485.70		123.74
		<i>For 16 Gauge Stainless Steel, Add</i>	266.20		
		<i>For >5 To 9, Deduct</i>	-65.00		
		<i>For >9, Deduct</i>	-130.00		
12 31 16 00-0055		24" Wide Stainless Steel Wall Cabinets <small>(12 31 16 00-0046)</small>			
12 31 16 00-0056	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Door.....	1,164.76		125.93
		<i>For 16 Gauge Stainless Steel, Add</i>	196.29		
		<i>For >5 To 9, Deduct</i>	-47.93		
		<i>For >9, Deduct</i>	-95.86		
12 31 16 00-0057	EA	24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,564.11		125.93
		<i>For 16 Gauge Stainless Steel, Add</i>	282.15		
		<i>For >5 To 9, Deduct</i>	-68.90		
		<i>For >9, Deduct</i>	-137.80		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 31 16 00-0058 EA 24"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,488.44	125.93
For 16 Gauge Stainless Steel, Add	265.88	
For >5 To 9, Deduct	-64.93	
For >9, Deduct	-129.85	
12 31 16 00-0059 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,472.17	117.59
For 16 Gauge Stainless Steel, Add	265.90	
For >5 To 9, Deduct	-64.93	
For >9, Deduct	-129.86	
12 31 16 00-0060 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,391.60	117.59
For 16 Gauge Stainless Steel, Add	248.58	
For >5 To 9, Deduct	-60.70	
For >9, Deduct	-121.40	
12 31 16 00-0061 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Glass Door, No Lock.....	1,769.23	117.59
For 16 Gauge Stainless Steel, Add	329.77	
For >5 To 9, Deduct	-80.52	
For >9, Deduct	-161.05	
12 31 16 00-0062 EA 24"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,067.93	117.59
For 16 Gauge Stainless Steel, Add	178.99	
For >5 To 9, Deduct	-43.71	
For >9, Deduct	-87.41	
12 31 16 00-0063 EA 24"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors.....	1,006.12	112.20
For 16 Gauge Stainless Steel, Add	168.06	
For >5 To 9, Deduct	-41.04	
For >9, Deduct	-82.08	
 12 31 16 00-0064 30" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0065 EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,017.16	133.75
For 16 Gauge Stainless Steel, Add	376.17	
For >5 To 9, Deduct	-91.86	
For >9, Deduct	-183.71	
12 31 16 00-0066 EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,833.60	133.75
For 16 Gauge Stainless Steel, Add	336.71	
For >5 To 9, Deduct	-82.22	
For >9, Deduct	-164.44	
12 31 16 00-0067 EA 30"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,250.00	133.75
For 16 Gauge Stainless Steel, Add	211.23	
For >5 To 9, Deduct	-51.58	
For >9, Deduct	-103.16	
12 31 16 00-0068 EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,917.14	123.11
For 16 Gauge Stainless Steel, Add	359.23	
For >5 To 9, Deduct	-87.72	
For >9, Deduct	-175.44	
12 31 16 00-0069 EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Lock	1,733.58	123.11
For 16 Gauge Stainless Steel, Add	319.77	
For >5 To 9, Deduct	-78.08	
For >9, Deduct	-156.17	
12 31 16 00-0070 EA 30"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,149.98	123.11
For 16 Gauge Stainless Steel, Add	194.29	
For >5 To 9, Deduct	-47.44	
For >9, Deduct	-94.89	
12 31 16 00-0071 EA 30"W x 12"D x 18"H Stainless Steel Wall Cabinet, No Doors.....	1,087.69	117.33
For 16 Gauge Stainless Steel, Add	183.42	
For >5 To 9, Deduct	-44.79	
For >9, Deduct	-89.58	
 12 31 16 00-0072 36" Wide Stainless Steel Wall Cabinets (12 31 16 00-0046)		
12 31 16 00-0073 EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,097.12	137.60
For 16 Gauge Stainless Steel, Add	391.72	
For >5 To 9, Deduct	-95.65	
For >9, Deduct	-191.30	
12 31 16 00-0074 EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,909.35	137.60
For 16 Gauge Stainless Steel, Add	351.35	
For >5 To 9, Deduct	-85.79	
For >9, Deduct	-171.59	
12 31 16 00-0075 EA 36"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,329.96	137.60
For 16 Gauge Stainless Steel, Add	226.78	
For >5 To 9, Deduct	-55.38	
For >9, Deduct	-110.75	
12 31 16 00-0076 EA 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	1,995.68	125.93
For 16 Gauge Stainless Steel, Add	374.94	
For >5 To 9, Deduct	-91.56	
For >9, Deduct	-183.11	
12 31 16 00-0077 EA 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,812.82	125.93
For 16 Gauge Stainless Steel, Add	335.63	
For >5 To 9, Deduct	-81.96	
For >9, Deduct	-163.91	
12 31 16 00-0078 EA 36"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,228.52	125.93
For 16 Gauge Stainless Steel, Add	210.00	
For >5 To 9, Deduct	-51.28	
For >9, Deduct	-102.56	
12 31 16 00-0079 EA 36"W x 12"D x 18"H Stainless Steel Wall Cabinet, With Doors, No Locks	1,167.47	119.90
For 16 Gauge Stainless Steel, Add	199.44	
For >5 To 9, Deduct	-48.70	
For >9, Deduct	-97.40	

12 Furnishings**12 30 Casework****12 31 Manufactured Metal Casework**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
12 31 16 00-0080		42" Wide Stainless Steel Wall Cabinets <small>(12 31 16 00-0046)</small>		
12 31 16 00-0081	EA	42"W x 12"D x 42"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,209.17	173.12
		<i>For 16 Gauge Stainless Steel, Add</i>	400.59	
		<i>For >5 To 9, Deduct</i>	-97.82	
		<i>For >9, Deduct</i>	-195.64	
12 31 16 00-0082	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,209.13	163.37
		<i>For 16 Gauge Stainless Steel, Add</i>	404.75	
		<i>For >5 To 9, Deduct</i>	-98.83	
		<i>For >9, Deduct</i>	-197.67	
12 31 16 00-0083	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,022.77	163.37
		<i>For 16 Gauge Stainless Steel, Add</i>	364.68	
		<i>For >5 To 9, Deduct</i>	-89.05	
		<i>For >9, Deduct</i>	-178.10	
12 31 16 00-0084	EA	42"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,440.57	163.37
		<i>For 16 Gauge Stainless Steel, Add</i>	239.51	
		<i>For >5 To 9, Deduct</i>	-58.49	
		<i>For >9, Deduct</i>	-116.97	
12 31 16 00-0085	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,076.29	137.20
		<i>For 16 Gauge Stainless Steel, Add</i>	387.41	
		<i>For >5 To 9, Deduct</i>	-94.60	
		<i>For >9, Deduct</i>	-189.20	
12 31 16 00-0086	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,891.33	137.20
		<i>For 16 Gauge Stainless Steel, Add</i>	347.64	
		<i>For >5 To 9, Deduct</i>	-84.89	
		<i>For >9, Deduct</i>	-169.78	
12 31 16 00-0087	EA	42"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,309.13	137.20
		<i>For 16 Gauge Stainless Steel, Add</i>	222.47	
		<i>For >5 To 9, Deduct</i>	-54.32	
		<i>For >9, Deduct</i>	-108.65	
12 31 16 00-0088		48" Wide Stainless Steel Wall Cabinets <small>(12 31 16 00-0046)</small>		
12 31 16 00-0089	EA	48"W x 12"D x 42"H Stainless Steel Wall Cabinet, No Doors, No Locks.....	1,953.79	173.12
		<i>For 16 Gauge Stainless Steel, Add</i>	344.18	
		<i>For >5 To 9, Deduct</i>	-84.05	
		<i>For >9, Deduct</i>	-168.09	
12 31 16 00-0090	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,287.51	166.96
		<i>For 16 Gauge Stainless Steel, Add</i>	420.02	
		<i>For >5 To 9, Deduct</i>	-102.56	
		<i>For >9, Deduct</i>	-205.12	
12 31 16 00-0091	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	2,103.95	166.96
		<i>For 16 Gauge Stainless Steel, Add</i>	380.55	
		<i>For >5 To 9, Deduct</i>	-92.93	
		<i>For >9, Deduct</i>	-185.85	
12 31 16 00-0092	EA	48"W x 12"D x 36"H Stainless Steel Wall Cabinet, No Doors.....	1,520.35	166.96
		<i>For 16 Gauge Stainless Steel, Add</i>	255.08	
		<i>For >5 To 9, Deduct</i>	-62.29	
		<i>For >9, Deduct</i>	-124.57	
12 31 16 00-0093	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors And Locks.....	2,153.07	138.49
		<i>For 16 Gauge Stainless Steel, Add</i>	403.32	
		<i>For >5 To 9, Deduct</i>	-98.49	
		<i>For >9, Deduct</i>	-196.97	
12 31 16 00-0094	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, With Doors, No Locks.....	1,970.21	138.49
		<i>For 16 Gauge Stainless Steel, Add</i>	364.01	
		<i>For >5 To 9, Deduct</i>	-88.89	
		<i>For >9, Deduct</i>	-177.77	
12 31 16 00-0095	EA	48"W x 12"D x 24"H Stainless Steel Wall Cabinet, No Doors.....	1,385.91	138.49
		<i>For 16 Gauge Stainless Steel, Add</i>	238.38	
		<i>For >5 To 9, Deduct</i>	-58.21	
		<i>For >9, Deduct</i>	-116.42	
12 31 16 00-0096		Accessories <small>(12 31 16 00-0001)</small>		
12 31 16 00-0097		Stainless Steel Countertops <small>(12 31 16 00-0096)</small>		
		Note: Includes all finishes, finished ends and all edge types such as straight, bullnose, eased, marine, etc. Excludes sinks.		
12 31 16 00-0098	SF	16 Gauge Stainless Steel Countertop With Backsplash.....	114.41	7.05
		<i>For 14 Gauge Stainless Steel, Add</i>	22.17	
12 31 16 00-0099	SF	16 Gauge Stainless Steel Countertop Without Backsplash.....	105.02	7.05
		<i>For 14 Gauge Stainless Steel, Add</i>	20.09	
12 31 16 00-0100	EA	Cutout For Sink And/Or Faucet In Stainless Steel Countertop.....	171.39	
12 31 16 00-0101		Stainless Steel Wall Panels <small>(12 31 16 00-0096)</small>		
12 31 16 00-0102	SF	20 Gauge Stainless Steel Wall Panel.....	36.76	10.51
		<i>For 18 Gauge Stainless Steel, Add</i>	4.28	
		<i>For 16 Gauge Stainless Steel, Add</i>	8.25	
12 31 16 00-0103		Pedestal Legs <small>(12 31 16 00-0096)</small>		
12 31 16 00-0104	EA	Type #304 Stainless Steel Pedestal Leg.....	285.22	16.03

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 31	16	00-0105		Stainless Steel Slanted Cabinet Top Enclosure <small>(12 31 16 00-0096)</small>		
			EA	12 31 16 00-0106 Stainless Steel Slanted Cabinet Top Enclosure, 5' Sections	313.76	28.57

12 35 Specialty Casework (12 30)

12 35 59 Display Casework (12 35)
See CSI section 10 12 00 00-0000 for display cases.

12 35 70 Healthcare Casework (12 35)

12 35 70 13 Hospital Casework (12 35 70)

12 35 70 13-0001 Modular Casework (12 35 70 13)

Note: Midmark.

12 35 70 13-0002	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-243624)	899.68	84.34
12 35 70 13-0003	EA	36" High, 2 Doors, Base Sink Unit (Midmark MC-SBS005-363624)	1,115.90	105.42
12 35 70 13-0004	EA	36" High, 2 Doors, Base Sink Unit With Tap Master Valve (Midmark MC-SBS009-243624)	1,567.99	84.34
12 35 70 13-0005	EA	36" High Base Sink Unit, 2 Doors With Tap Master Valve (Midmark MC-SBS009-363624)	1,800.25	105.42
12 35 70 13-0006	EA	36" High Base Storage Unit, 1 Door (Midmark MC-SBP006-243624)	1,018.64	84.34
12 35 70 13-0007	EA	36" High Base Storage Unit, 2 Doors (Midmark MC-SBP007-363624)	1,369.86	105.42
12 35 70 13-0008	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-153624)	1,022.65	84.34
12 35 70 13-0009	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-183624)	1,101.51	84.34
12 35 70 13-0010	EA	36" High Base Storage Unit, 1 4" Drawer, 1 Door (Midmark MC-SBP012-213624)	1,169.68	84.34
12 35 70 13-0011	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-303624)	1,462.09	105.42
12 35 70 13-0012	EA	36" High Base Storage Unit, 1 4" Drawer, 2 Doors (Midmark MC-SBP013-363624)	1,484.81	105.42
12 35 70 13-0013	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-243624)	1,374.18	84.34
12 35 70 13-0014	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-303624)	1,595.75	105.42
12 35 70 13-0015	EA	36" High Base Storage Unit, 2 4" Drawer, 2 Doors (Midmark MC-SBP020-363624)	1,645.21	105.42
12 35 70 13-0016	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-123624)	1,201.75	84.34
12 35 70 13-0017	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-153624)	1,236.51	84.34
12 35 70 13-0018	EA	36" High Base Storage Unit, 1 4" Drawer, 2 8" Drawers (Midmark MC-SBP024-183624)	1,326.06	84.34
12 35 70 13-0019	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-303624)	2,211.93	105.42
12 35 70 13-0020	EA	36" High Base Storage Unit, 2 4" Drawer, 2 8" Drawers (Midmark MC-SBP025-363624)	2,337.58	105.42
12 35 70 13-0021	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-153624)	1,551.95	84.34
12 35 70 13-0022	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-183624)	1,644.18	84.34
12 35 70 13-0023	EA	36" High Base Storage Unit, 5 4" Drawer (Midmark MC-SBP032-213624)	1,803.23	84.34
12 35 70 13-0024	EA	84" High Tall Storage Unit, 2 Doors (Midmark MC-STP032-368424)	3,150.82	253.03
12 35 70 13-0025	EA	84" High Tall Storage Unit, Open Upper With Pull Out Shelf, 1 4" Drawer, 2 Doors (Midmark MC-STP081-248424)	2,892.85	253.03
12 35 70 13-0026	EA	Desk Filler Panel (Midmark MC-SDA003-060501)	117.32	21.08
12 35 70 13-0027	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-123014)	653.74	84.34
12 35 70 13-0028	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-153014)	641.71	84.34
12 35 70 13-0029	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-183014)	684.48	84.34
12 35 70 13-0030	EA	30" High Overhead Unit, 1 Door (Midmark MC-SOHO41-213014)	741.96	84.34
12 35 70 13-0031	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-243014)	807.45	84.34
12 35 70 13-0032	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-303014)	923.43	105.42
12 35 70 13-0033	EA	30" High Overhead Unit, 2 Doors (Midmark MC-SOHO42-363014)	1,002.29	105.42
12 35 70 13-0034	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-303014)	1,232.19	105.42
12 35 70 13-0035	EA	30" High Overhead Unit, 2 Window Doors (Midmark MC-SOHO44-363014)	1,371.20	105.42
12 35 70 13-0036	LF	19" Self Edge Laminate Countertop With Backsplash	170.85	17.14
12 35 70 13-0037	LF	25" Self Edge Laminate Countertop With Backsplash	334.73	22.85
12 35 70 13-0038	SF	Melamine Wall Cabinet Inner Soffit	38.72	14.29

Note: Includes blocking

12 35 70 13-0039 Hospital Cabinets (12 35 70 13)

12 35 70 13-0040	LF	Hospital Base Cabinet, Laminated Plastic	571.33	91.45
12 35 70 13-0041	LF	Hospital Base Cabinet, Enameled Steel	663.53	91.45
12 35 70 13-0042	LF	Hospital Base Cabinet, Stainless Steel	1,016.65	91.45
12 35 70 13-0043	LF	Hospital Cabinet Base Trim, 4" High Enameled Steel	71.92	4.57
12 35 70 13-0044	LF	Hospital Cabinet Base Trim, 4" High Stainless Steel	151.37	4.57
12 35 70 13-0045	LF	Hospital Counter Top, Laminated Plastic Without Backsplash	116.34	22.86
12 35 70 13-0046	LF	Hospital Counter Top, Laminated Plastic With Backsplash	128.12	22.86
12 35 70 13-0047	LF	Hospital Counter Top, Stainless Steel	271.33	22.86
12 35 70 13-0048	LF	Hospital Wall Cabinet, Laminated Plastic	465.63	61.15
12 35 70 13-0049	LF	Hospital Wall Cabinet, Enameled Steel	563.71	61.15
12 35 70 13-0050	LF	Hospital Wall Cabinet, Stainless Steel	857.99	61.15

12 36 Countertops (12 30)

12 36 23 Plastic Countertops (12 36)

12 36 23 13 Plastic-Laminate-Clad Countertops (12 36 23)

12 36 23 13-0001 Plastic Laminate Countertops (12 36 23 13)

Note: Includes plywood, medium-density fiberboard (MDF), or particleboard substrates, finished ends, and all edge types such as bullnose, ogee, roundover, bevel, etc.

12 36 23 13-0002	SF	Plastic Laminate Countertop Without Backsplash	17.43	11.42
12 36 23 13-0003	SF	Plastic Laminate Countertop With 4" Backsplash	23.35	11.42
12 36 23 13-0004	LF	Plastic Laminate End Splash For Plastic Laminate Countertops	29.20	3.43
12 36 23 13-0005	EA	Cutout For Sink And/Or Faucet In Plastic Laminate Countertop	95.21	

12 Furnishings

12 30 Casework

12 36 Countertops

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**12 36 40 Stone Countertops (12 36)****12 36 40 00-0001 Stone Countertops (12 36 40)**

12 36 40 00-0002	LF	3/4" Granite Countertop, No Fabrication Required	163.64	8.57
12 36 40 00-0003	LF	3/4" Granite Countertop, Fabricated (Cutouts According To Design)	219.33	8.57

12 36 53 Laboratory Countertops (12 36)**12 36 53 00-0001 Epoxy Resin Laboratory Countertops (12 36 53)**

Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.

12 36 53 00-0002	SF	3/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	61.49	5.72
12 36 53 00-0003	SF	1" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	63.53	5.72
12 36 53 00-0004	SF	1-1/4" Thick, Black Epoxy Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	77.61	5.72
12 36 53 00-0005	LF	4" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop.....	23.29	3.43
12 36 53 00-0006	LF	6" x 3/4" Thick, Black Epoxy Resin Backsplash For Laboratory Countertop.....	31.51	3.43

12 36 53 00-0007 Epoxy Resin Laboratory Sinks (12 36 53)

Note: Includes cut out for sinks, and sink strainer assembly set.

12 36 53 00-0008 Epoxy Resin Laboratory Undermount Sink (12 36 53 00-0007)

12 36 53 00-0009	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	576.52	105.61
12 36 53 00-0010	EA	12" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	586.77	105.61
12 36 53 00-0011	EA	12" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	696.33	105.61
12 36 53 00-0012	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Undermount Sink	586.77	105.61
12 36 53 00-0013	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Undermount Sink	621.87	114.49
12 36 53 00-0014	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	658.39	114.49
12 36 53 00-0015	EA	16" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,417.16	114.49
12 36 53 00-0016	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Undermount Sink	741.84	114.49
12 36 53 00-0017	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Undermount Sink	766.52	122.39
12 36 53 00-0018	EA	24" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	954.84	122.39
12 36 53 00-0019	EA	24" Length x 16" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,155.65	122.39
12 36 53 00-0020	EA	30" Length x 18" Width x 18" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,589.02	122.39
12 36 53 00-0021	EA	31" Length x 21" Width x 12" Depth, Black Epoxy Resin Laboratory Undermount Sink	1,303.16	122.39
12 36 53 00-0022	EA	36" Length x 20" Width x 16" Depth, Black Epoxy Resin Laboratory Undermount Sink	2,785.50	122.39
12 36 53 00-0023	EA	42" Length x 20" Width x 10" Depth, Black Epoxy Resin Laboratory Undermount Sink	3,832.47	125.34

12 36 53 00-0024 Epoxy Resin Laboratory Drop-in Sink (12 36 53 00-0007)

12 36 53 00-0025	EA	9" Length x 6" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	574.99	105.61
12 36 53 00-0026	EA	12" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	576.50	105.61
12 36 53 00-0027	EA	12" Length x 12" Width x 12" Depth, Black Epoxy Resin Laboratory Drop-in Sink	681.55	105.61
12 36 53 00-0028	EA	14" Length x 10" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	586.77	105.61
12 36 53 00-0029	EA	15" Length x 8" Width x 6" Depth, Black Epoxy Resin Laboratory Drop-in Sink	620.93	105.61
12 36 53 00-0030	EA	15" Length x 8" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	620.93	105.61
12 36 53 00-0031	EA	16" Length x 8" Width x 7" Depth, Black Epoxy Resin Laboratory Drop-in Sink	621.87	114.49
12 36 53 00-0032	EA	16" Length x 12" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	658.39	114.49
12 36 53 00-0033	EA	16" Length x 16" Width x 9-5/8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	679.30	114.49
12 36 53 00-0034	EA	18" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	684.51	114.49
12 36 53 00-0035	EA	18" Length x 15" Width x 11" Depth, Black Epoxy Resin Laboratory Drop-in Sink	810.73	114.49
12 36 53 00-0036	EA	24" Length x 16" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	835.41	122.39
12 36 53 00-0037	EA	25" Length x 15" Width x 8" Depth, Black Epoxy Resin Laboratory Drop-in Sink	854.84	122.39
12 36 53 00-0038	EA	25" Length x 15" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	861.44	122.39
12 36 53 00-0039	EA	30" Length x 16" Width x 10" Depth, Black Epoxy Resin Laboratory Drop-in Sink	1,298.09	122.39
12 36 53 00-0040	EA	10" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	585.66	104.62
12 36 53 00-0041	EA	12" Diameter x 7.8" Depth, Black Round Epoxy Resin Laboratory Drop-in Sink	603.36	104.62

12 36 53 00-0042 Epoxy Resin Laboratory ADA Drop-in Sink (12 36 53 00-0007)

12 36 53 00-0043	EA	14" Length x 10" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	581.84	104.62
12 36 53 00-0044	EA	14" Length x 14" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	630.20	104.62
12 36 53 00-0045	EA	14" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	654.91	104.62
12 36 53 00-0046	EA	25" Length x 15" Width x 5" Depth, Black Epoxy Resin Laboratory ADA Drop-in Sink	861.44	122.39

12 36 53 00-0047 Epoxy Resin Laboratory Cup Sink (12 36 53 00-0007)

12 36 53 00-0048	EA	6" Length x 3" Width x 4" Depth, Black Oval Epoxy Resin Laboratory Cup Sink	364.86	84.88
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12 36 53 00-0049 Polypropylene Laboratory Countertops (12 36 53)

Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.

12 36 53 00-0050	SF	3/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	27.30	5.72
12 36 53 00-0051	SF	1" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges	30.32	5.72
12 36 53 00-0052	SF	1-1/4" Thick, Black Polypropylene Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges.....	34.19	5.72
12 36 53 00-0053	LF	4" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	11.89	3.43
12 36 53 00-0054	LF	6" x 3/4" Thick, Black Polypropylene Backsplash For Laboratory Countertop	14.41	3.43

12 36 53 00-0055 Polypropylene Laboratory Sinks (12 36 53)

Note: Includes cut out for sinks, and sink strainer assembly set.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 36 53 00-0056	Polypropylene Laboratory Undermount Sink <small>(12 36 53 00-0055)</small>		
12 36 53 00-0057	EA 12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink.....	620.82	105.61
12 36 53 00-0058	EA 12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink.....	655.95	105.61
12 36 53 00-0059	EA 14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink.....	647.31	105.61
12 36 53 00-0060	EA 16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Undermount Sink.....	680.62	114.49
12 36 53 00-0061	EA 16" Length x 13" Width x 6" Depth, Black Polypropylene Laboratory Undermount Sink.....	848.26	114.49
12 36 53 00-0062	EA 17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink.....	857.01	114.49
12 36 53 00-0063	EA 18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Undermount Sink.....	857.01	114.49
12 36 53 00-0064	EA 24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Undermount Sink.....	917.01	122.39
12 36 53 00-0065	EA 25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Undermount Sink.....	961.34	122.39
12 36 53 00-0066	EA 23" Length x 17" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink.....	917.01	122.39
12 36 53 00-0067	EA 30" Length x 18" Width x 18" Depth, Black Polypropylene Laboratory Undermount Sink.....	1,446.48	122.39
12 36 53 00-0068	EA 31" Length x 20.5" Width x 11-1/2" Depth, Black Polypropylene Laboratory Undermount Sink.....	1,438.61	122.39
12 36 53 00-0069	EA 42" Length x 18" Width x 16" Depth, Black Polypropylene Laboratory Undermount Sink.....	2,548.54	125.34

12 36 53 00-0070	Polypropylene Laboratory Drop-in Sink <small>(12 36 53 00-0055)</small>		
12 36 53 00-0071	EA 11" Length x 11" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink.....	532.62	105.61
12 36 53 00-0072	EA 12" Length x 8" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	865.78	105.61
12 36 53 00-0073	EA 12" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	567.71	105.61
12 36 53 00-0074	EA 14" Length x 10" Width x 6" Depth, Black Polypropylene Laboratory Drop-in Sink.....	559.09	105.61
12 36 53 00-0075	EA 17" Length x 17" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink.....	768.79	114.49
12 36 53 00-0076	EA 16" Length x 8" Width x 7" Depth, Black Polypropylene Laboratory Drop-in Sink.....	592.38	114.49
12 36 53 00-0077	EA 18" Length x 12" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	768.79	114.49
12 36 53 00-0078	EA 16" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	751.06	114.49
12 36 53 00-0079	EA 18" Length x 15" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	733.83	114.49
12 36 53 00-0080	EA 18" Length x 15" Width x 12" Depth, Black Polypropylene Laboratory Drop-in Sink.....	768.79	114.49
12 36 53 00-0081	EA 24" Length x 16" Width x 8" Depth, Black Polypropylene Laboratory Drop-in Sink.....	828.79	122.39
12 36 53 00-0082	EA 25" Length x 15" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink.....	873.10	122.39
12 36 53 00-0083	EA 31" Length x 17" Width x 10" Depth, Black Polypropylene Laboratory Drop-in Sink.....	1,305.83	122.39
12 36 53 00-0084	EA 12" Diameter x 7.8" Depth, Black Round Polypropylene Laboratory Drop-in Sink.....	496.86	104.62

12 36 53 00-0085	Polypropylene Laboratory ADA Drop-in Sink <small>(12 36 53 00-0055)</small>		
12 36 53 00-0086	EA 16" Length x 16" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink.....	733.83	114.49
12 36 53 00-0087	EA 25" Length x 15" Width x 5.5" Depth, Black Polypropylene Laboratory ADA Drop-in Sink.....	853.25	122.39

12 36 53 00-0088	Polypropylene Laboratory Cup Sink <small>(12 36 53 00-0055)</small>		
12 36 53 00-0089	EA 6" Length x 3" Width x 4" Depth, Black Oval Polypropylene Laboratory Cup Sink.....	386.24	104.62

12 36 53 00-0090	Phenolic Resin Laboratory Countertops <small>(12 36 53)</small>		
Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.			
12 36 53 00-0091	SF 3/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges.....	43.77	5.72
12 36 53 00-0092	SF 1" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges.....	49.39	5.72
12 36 53 00-0093	SF 1-1/4" Thick, Black Phenolic Resin Laboratory Countertop Without Backsplash, Machined Bevel Or Radius Edges.....	53.30	5.72
12 36 53 00-0094	LF 4" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop.....	16.77	3.43
12 36 53 00-0095	LF 6" x 3/4" Thick, Black Phenolic Resin Backsplash For Laboratory Countertop.....	21.66	3.43

12 36 53 00-0096	High Pressure Laminate Laboratory Countertops <small>(12 36 53)</small>		
Note: Includes all finish edge types, and all holes for faucets, fixtures, outlets, etc. Excludes cut out for sinks.			
12 36 53 00-0097	SF 3/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges.....	25.58	5.72
12 36 53 00-0098	SF 1" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges.....	26.87	5.72
12 36 53 00-0099	SF 1-1/4" Thick, High Pressure Laminate Laboratory Countertop Without Backsplash, Machined Bevel Edges.....	26.87	5.72
12 36 53 00-0100	LF 4" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop.....	14.20	3.43
12 36 53 00-0101	LF 6" x 3/4" Thick, High Pressure Laminate Backsplash For Laboratory Countertop.....	14.20	3.43

12 36 61 Simulated Stone Countertops (12 36)

12 36 61 16 Solid Surfacing Countertops (12 36 61)

12 36 61 16-0001 Solid Surface Countertops (12 36 61 16)

12 36 61 16-0002 Solid Surface Countertops (12 36 61 16-0001)

12 36 61 16-0003	SF 1/4" Thick, Solid Color, Solid Surface Backsplash.....	47.23	7.62
Note: Quantity based on area of backsplash. Excludes backing material such as cement or water resistant gypsum board.			

For Up To 50, Add	15.56
For >50 To 100, Add	8.89

12 Furnishings

12 30 Casework

12 36 Countertops

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 36 61 16-0004	SF	1/2" Thick, Solid Color, Solid Surface Countertop Without Backsplash	73.99	11.42
		Note: Quantity based on area of counter, backsplash and apron. Includes drilling holes for fixtures and 1-1/2" drop edge with 1/8" radius edges (when apron not used).		
		For Up To 50, Add	23.95	
		For >50 To 100, Add	14.10	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	244.83	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	309.57	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	226.00	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	215.41	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	309.57	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	309.57	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	309.57	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	309.57	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	278.97	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	484.96	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	649.75	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	703.89	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	703.89	
12 36 61 16-0005	SF	1/2" Thick, Solid Color, Solid Surface Countertop With 4" Backsplash	80.84	11.42
		For Up To 50, Add	26.01	
		For >50 To 100, Add	15.47	
		For Integral 16-7/16" x 13" x 5-1/4" Depth Lavatory Sink (Corian 810), Add	244.83	
		For Integral 20-7/16" x 14-7/16" x 6-1/8" Depth Lavatory Sink (Corian 815), Add	309.57	
		For Integral 17-3/8" x 10-13/16" x 5-1/2" Depth Lavatory Sink (Corian 816), Add	226.00	
		For Integral 14-3/4" x 10-1/2" x 5-1/2" Depth Lavatory Sink (Corian 820), Add	215.41	
		For Integral 18-7/8" x 13-3/4" x 5-7/8" Depth Lavatory Sink (Corian 830), Add	309.57	
		For Integral 20" x 13-3/8" x 6-1/4" Depth Lavatory Sink (Corian 831), Add	309.57	
		For Integral 19-3/4" x 14-1/4" x 5-7/8" Depth Lavatory Sink (Corian 835), Add	309.57	
		For Integral 17" x 14" x 6" Depth Lavatory Sink (Corian 837), Add	309.57	
		For Up To 1.5 SF Integral Single Basin Kitchen Sink, Add	278.97	
		Note: Single or double bowl.		
		For >1.5 To 2.25 SF Integral Single Basin Kitchen Sink, Add	484.96	
		Note: Single or double bowl.		
		For >2.25 To 3 SF Integral Single Basin Kitchen Sink, Add	649.75	
		Note: Single or double bowl.		
		For >3 SF Integral Single Basin Kitchen Sink, Add	703.89	
		Note: Single or double bowl.		
		For >3 SF Integral Double Basin Kitchen Sink, Add	703.89	
12 36 61 16-0006	LF	1/2" Thick, Solid Color, Solid Surface End Splash For Solid Surface Countertops	27.28	4.86
12 36 61 16-0007	EA	Cutout For Undercounter Sink In Solid Surface Countertop	171.39	
		Note: Not including integral seamed sinks		
12 36 61 16-0008		Integral Seamless Solid Surface Lavatory <small>(12 36 61 16-0001)</small>		
		Note: Includes sink cutout and hard seam of lavatory to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0009	EA	16-1/2" x 13-1/8" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 810)	283.68	
12 36 61 16-0010	EA	20-7/16" x 14-7/16" x 6-1/8" Depth, Integral Solid Surface Lavatory Sink (Corian 815)	348.42	
12 36 61 16-0011	EA	17-3/8" x 10-13/16" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 816)	264.85	
12 36 61 16-0012	EA	14-3/4" x 10-1/2" x 5-1/2" Depth, Integral Solid Surface Lavatory Sink (Corian 820)	254.26	
12 36 61 16-0013	EA	18-7/8" x 13-3/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 830)	348.42	
12 36 61 16-0014	EA	20" x 13-3/8" x 6-1/4" Depth, Integral Solid Surface Lavatory Sink (Corian 831)	348.42	
12 36 61 16-0015	EA	19-3/4" x 14-1/4" x 5-7/8" Depth, Integral Solid Surface Lavatory Sink (Corian 835)	348.42	
12 36 61 16-0016	EA	17" x 14" x 6" Depth, Integral Solid Surface Lavatory Sink (Corian 837)	348.42	
12 36 61 16-0017	EA	13-7/8" x 15-1/2" x 5-1/5", ADA Compliant, Lavatory Sink (Corian 8252)	396.90	
		Note: Rectangular lavatory with front to back slope		
12 36 61 16-0018		Integral Seamless Solid Surface Kitchen Sink <small>(12 36 61 16-0001)</small>		
		Note: Includes sink cutout and hard seam of sink to countertop See CSI section 12 36 61 16-0002 for Solid Surface Countertops.		
12 36 61 16-0019	EA	Up To 1.5 SF, Single Basin, Integral Solid Surface Kitchen Sink	370.38	
12 36 61 16-0020	EA	>1.5 To 2.25 SF, Single Basin, Integral Solid Surface Kitchen Sink	576.37	
12 36 61 16-0021	EA	>2.25 To 3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	741.16	
12 36 61 16-0022	EA	>3.0 SF, Single Basin, Integral Solid Surface Kitchen Sink	795.30	
12 36 61 16-0023	EA	>3.0 SF, Double Basin, Integral Solid Surface Kitchen Sink	795.30	
12 36 61 19		Quartz Agglomerate Countertops <small>(12 36 61)</small>		
12 36 61 19-0001		Quartz Agglomerate Countertops <small>(12 36 61 19)</small>		
		Note: Includes finished ends and all edge types such as bullnose, ogee, roundover, bevel, etc.		
12 36 61 19-0002	SF	3/4" Thick, Quartz Agglomerate Countertop Without Backsplash	112.16	25.14
12 36 61 19-0003	SF	1-1/4" Thick, Quartz Agglomerate Countertop Without Backsplash	136.56	25.14
12 36 61 19-0004	SF	3/4" Thick, Quartz Agglomerate Countertop With Backsplash	125.20	29.26
12 36 61 19-0005	SF	1-1/4" Thick, Quartz Agglomerate Countertop With Backsplash	149.59	29.26
12 36 61 19-0006	LF	Quartz Agglomerate Countertop End Splash For Quartz Agglomerate Countertops	20.19	4.86
12 36 61 19-0007	EA	Cutout For Sink And/Or Faucet In Quartz Agglomerate Countertop	171.39	

12 40 Furnishings and Accessories (12)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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12 41 Office Accessories (12 40)

12 41 11 Office Accessories (12 41)

12 41 11 00-0001 Wall Mounted Office Accessories (12 41 11)

12 41 11 00-0002	EA	Manual Pencil Sharpener, Wall Mounted (Bostitch® BOSMPS1BLK).....	25.57	4.23
12 41 11 00-0003	EA	Wall Mounted Flag.....	19.05	4.23

12 41 11 00-0004 Desk Edge Mounted Clamps (12 41 11)

12 41 11 00-0005	EA	Aluminum Desk Edge Clamp Mount Bracket For Plexiglass And Acrylic Panels.....	39.49	
Note: Adjustable hand screw mounting to fit 3/4" to 2" desk and table tops, clamp adjusts to support 1/8" to 3/8" thick panels.				
For >10 To 50, Deduct			-9.67	
For >50, Deduct			-15.47	

12 48 Rugs and Mats (12 40)

12 48 13 Entrance Floor Mats and Frames (12 48)

12 48 13 13 Entrance Floor Mats (12 48 13)

12 48 13 13-0001 Floor Mats (12 48 13 13)

12 48 13 13-0002	SF	3/8" Thick Solid Recessable Floor Mat.....	33.23	2.49
For Colors, Add			5.65	
12 48 13 13-0003	SF	1/2" Thick Solid Recessable Floor Mat.....	41.92	2.49
For Colors, Add			7.39	
12 48 13 13-0004	SF	3/8" Thick Perforated Recessable Floor Mat.....	35.40	2.49
For Colors, Add			6.08	
12 48 13 13-0005	SF	1/2" Thick Perforated Recessable Floor Mat.....	44.09	2.49
For Colors, Add			7.82	

12 48 13 13-0006 Link Mats (12 48 13 13)

Note: Includes nosing.

12 48 13 13-0007	SF	3/8" Link Mats, Aluminum.....	47.36	2.49
12 48 13 13-0008	SF	Black Rubber Link Mats With Galvanized Tie Rods.....	34.87	2.49
12 48 13 13-0009	SF	3/8" Thick, Galvanized Steel Link Mats.....	21.96	2.49
12 48 13 13-0010	SF	Vinyl Link Mats, Color.....	38.09	2.49
12 48 13 13-0011	LF	Rubber Nosing.....	4.82	1.09

12 48 13 13-0012 Duckboard (12 48 13 13)

12 48 13 13-0013	SF	Aluminum Slats.....	68.80	2.97
12 48 13 13-0014	SF	Hardwood Strips On Rubber Base.....	15.93	2.97
12 48 13 13-0015	SF	Assembled With Brass Rods And Vinyl Spacers.....	17.40	2.97
12 48 13 13-0016	SF	Tire Fabric, 3/4" Thick.....	22.99	2.97
12 48 13 13-0017	SF	Vinyl, 36" Wide, Hollow Top And Bottom.....	20.83	2.97
12 48 13 13-0018	SF	Vinyl, 36" Wide, Solid Top And Bottom.....	32.59	2.97

12 48 13 16 Entrance Floor Mat Frames (12 48 13)

12 48 13 16-0001 Recessed Frames (12 48 13 16)

12 48 13 16-0002	LF	Aluminum Recessed Embedded Frame.....	29.10	4.57
12 48 13 16-0003	LF	Bronze Recessed Embedded Frame.....	23.33	4.57

12 50 Furniture (12)

12 56 Institutional Furniture (12 50)

12 56 53 Laboratory Furniture (12 56)

12 56 53 00-0001 Steel Laboratory Furniture (12 56 53)

12 56 53 00-0002 Modular Steel Laboratory Cabinets (12 56 53 00-0001)

12 56 53 00-0003 29-3/8" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets (12 56 53 00-0002)

12 56 53 00-0004	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,209.15	98.76
12 56 53 00-0005	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,206.65	98.76
12 56 53 00-0006	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,319.59	107.79
12 56 53 00-0007	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,252.15	107.79
12 56 53 00-0008	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,489.81	121.62
12 56 53 00-0009	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,537.56	125.62
12 56 53 00-0010	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,695.80	138.54
12 56 53 00-0011	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet.....	1,761.50	143.91
12 56 53 00-0012	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,710.73	139.68
12 56 53 00-0013	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,716.71	140.25
12 56 53 00-0014	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,815.23	148.26
12 56 53 00-0015	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	1,776.38	145.06
12 56 53 00-0016	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet.....	2,373.59	193.86

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 56 53 00-0017	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,418.02	197.52
12 56 53 00-0018	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,669.09	217.99
12 56 53 00-0019	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,711.16	221.41
12 56 53 00-0020	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,484.19	202.89
12 56 53 00-0021	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,764.53	225.87
12 56 53 00-0022	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 2 Drawer, Modular Steel Laboratory Base Cabinet	2,679.60	225.87
12 56 53 00-0023	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,510.15	204.61
12 56 53 00-0024	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,487.67	204.61
12 56 53 00-0025	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,687.02	219.47
12 56 53 00-0026	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,667.11	219.12
12 56 53 00-0027	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	2,919.24	238.21
12 56 53 00-0028	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,006.41	245.53
12 56 53 00-0029	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,289.86	268.62
12 56 53 00-0030	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,367.21	275.02
12 56 53 00-0031	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,809.46	229.41
12 56 53 00-0032	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,642.26	215.81
12 56 53 00-0033	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,985.57	243.81
12 56 53 00-0034	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,839.27	231.93
12 56 53 00-0035	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,185.80	260.16
12 56 53 00-0036	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,185.80	260.16
12 56 53 00-0037	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,486.82	284.74
12 56 53 00-0038	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,361.78	274.57
12 56 53 00-0039	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,905.15	318.92
12 56 53 00-0040	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,920.14	319.03
12 56 53 00-0041	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,257.50	347.72
12 56 53 00-0042	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,299.30	351.15
12 56 53 00-0043	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,779.95	390.36
12 56 53 00-0044	EA	30" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,929.27	402.59
12 56 53 00-0045	EA	36" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,668.80	402.36
12 56 53 00-0046	EA	42" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,224.64	426.70
12 56 53 00-0047	EA	48" Wide x 29-3/8" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,105.31	416.98
12 56 53 00-0048	EA	15" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,269.01	185.29
12 56 53 00-0049	EA	18" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,206.56	185.75
12 56 53 00-0050	EA	21" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,367.54	193.29
12 56 53 00-0051	EA	24" Wide x 29-3/8" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet	2,305.09	193.29
12 56 53 00-0052	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet	3,179.58	259.71
12 56 53 00-0053	EA	32-7/8" Wide x 29-3/8" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet	2,749.69	224.50

12 56 53 00-0054 35-1/4" High x 21-5/8" Deep, Modular Steel Laboratory Base Cabinets (12 56 53

12 56 53 00-0055	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,265.88	103.45
12 56 53 00-0056	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,258.38	103.45
12 56 53 00-0057	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,337.56	109.28
12 56 53 00-0058	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,292.76	105.73
12 56 53 00-0059	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,531.59	125.16
12 56 53 00-0060	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,606.24	130.88
12 56 53 00-0061	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,713.72	140.02
12 56 53 00-0062	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Open, Modular Steel Laboratory Base Cabinet	1,779.40	145.74
12 56 53 00-0063	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,794.34	146.31
12 56 53 00-0064	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,794.34	146.31
12 56 53 00-0065	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,904.79	155.46
12 56 53 00-0066	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	1,879.71	157.74
12 56 53 00-0067	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,486.97	202.89
12 56 53 00-0068	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,552.65	208.04
12 56 53 00-0069	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,743.77	224.04
12 56 53 00-0070	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, Door Cabinet With Shelf, Modular Steel Laboratory Base Cabinet	2,806.44	229.18
12 56 53 00-0071	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,764.67	225.76
12 56 53 00-0072	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, Tilt-Out Door With Removable Bin, Modular Steel Laboratory Base Cabinet	2,842.30	232.04
12 56 53 00-0073	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,033.15	247.47
12 56 53 00-0074	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,277.86	267.48
12 56 53 00-0075	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 3 Drawer, Modular Steel Laboratory Base Cabinet	3,255.68	267.48
12 56 53 00-0076	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	2,982.58	242.90
12 56 53 00-0077	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	1,592.52	244.04
12 56 53 00-0078	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,134.85	256.04
12 56 53 00-0079	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,082.39	256.04
12 56 53 00-0080	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,454.29	282.11
12 56 53 00-0081	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,591.67	293.31
12 56 53 00-0082	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,814.92	311.60
12 56 53 00-0083	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 4 Drawer, Modular Steel Laboratory Base Cabinet	3,905.15	318.92
12 56 53 00-0084	EA	15" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,179.86	259.48
12 56 53 00-0085	EA	18" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,397.52	277.19
12 56 53 00-0086	EA	21" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,418.25	278.91
12 56 53 00-0087	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	3,549.79	289.77
12 56 53 00-0088	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,099.20	334.91
12 56 53 00-0089	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,239.48	346.35
12 56 53 00-0090	EA	42" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,451.35	363.49
12 56 53 00-0091	EA	48" Wide x 35-1/4" High x 21-5/8" Deep, 5 Drawer, Modular Steel Laboratory Base Cabinet	4,454.59	363.49
12 56 53 00-0092	EA	24" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	4,979.98	406.93
12 56 53 00-0093	EA	30" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,021.49	409.79
12 56 53 00-0094	EA	36" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet	5,123.71	418.36

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0095	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	5,403.50	441.79
12 56 53 00-0096	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 8 Drawer, Modular Steel Laboratory Base Cabinet.....	5,420.95	442.94
12 56 53 00-0097	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,499.52	449.11
12 56 53 00-0098	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,759.13	470.37
12 56 53 00-0099	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	5,869.53	479.39
12 56 53 00-0100	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	6,018.83	491.52
12 56 53 00-0101	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 10 Drawer, Modular Steel Laboratory Base Cabinet.....	6,183.32	505.01
12 56 53 00-0102	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,316.89	189.17
12 56 53 00-0103	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,358.49	192.61
12 56 53 00-0104	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,367.54	193.18
12 56 53 00-0105	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	2,421.06	197.75
12 56 53 00-0106	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,185.80	260.16
12 56 53 00-0107	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,281.37	267.93
12 56 53 00-0108	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,513.88	287.02
12 56 53 00-0109	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, 1 Drawer Over Cupboard, Modular Steel Laboratory Base Cabinet.....	3,564.52	290.91
12 56 53 00-0110	EA		32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Standard Corner, Modular Steel Laboratory Base Cabinet.....	3,305.39	269.76
12 56 53 00-0111	EA		32-7/8" Wide x 35-1/4" High x 21-5/8" Deep, Hexagon Corner, Modular Steel Laboratory Base Cabinet.....	3,066.71	250.33
12 56 53 00-0112	EA		15" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,627.13	132.93
12 56 53 00-0113	EA		18" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,648.03	134.53
12 56 53 00-0114	EA		21" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,716.71	140.02
12 56 53 00-0115	EA		24" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	1,722.67	140.60
12 56 53 00-0116	EA		30" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,254.14	184.15
12 56 53 00-0117	EA		36" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,304.90	188.27
12 56 53 00-0118	EA		42" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,457.09	200.61
12 56 53 00-0119	EA		48" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,466.05	201.40
12 56 53 00-0120	EA		52" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	2,848.21	232.61
12 56 53 00-0121	EA		58" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	3,134.85	256.04
12 56 53 00-0122	EA		60" Wide x 35-1/4" High x 21-5/8" Deep, Sink, Modular Steel Laboratory Base Cabinet.....	3,278.16	267.70
12 56 53 00-0123			25-3/16" High x 16" Deep, Modular Steel Laboratory Wall Cabinets (12 56 53 00-0002)		
12 56 53 00-0124	EA		15" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,203.18	98.30
12 56 53 00-0125	EA		18" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,241.99	101.39
12 56 53 00-0126	EA		21" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,250.95	102.19
12 56 53 00-0127	EA		24" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,283.80	104.81
12 56 53 00-0128	EA		30" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,343.51	109.74
12 56 53 00-0129	EA		36" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,373.36	112.13
12 56 53 00-0130	EA		42" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,495.76	122.19
12 56 53 00-0131	EA		48" Wide x 25-3/16" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,513.69	123.56
12 56 53 00-0132	EA		15" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,779.40	145.29
12 56 53 00-0133	EA		18" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,824.18	148.94
12 56 53 00-0134	EA		21" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,865.98	152.36
12 56 53 00-0135	EA		24" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,904.79	155.57
12 56 53 00-0136	EA		30" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,316.84	189.17
12 56 53 00-0137	EA		36" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,346.69	191.69
12 56 53 00-0138	EA		42" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,568.63	208.96
12 56 53 00-0139	EA		48" Wide x 25-3/16" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,567.59	209.75
12 56 53 00-0140	EA		15" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,080.93	169.97
12 56 53 00-0141	EA		18" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,149.60	175.57
12 56 53 00-0142	EA		21" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,185.42	178.43
12 56 53 00-0143	EA		24" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,224.24	181.63
12 56 53 00-0144	EA		30" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,116.94	254.56
12 56 53 00-0145	EA		36" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,179.67	259.71
12 56 53 00-0146	EA		42" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,364.71	274.79
12 56 53 00-0147	EA		48" Wide x 25-3/16" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,424.45	279.71
12 56 53 00-0148	EA		25-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,848.21	232.61
12 56 53 00-0149	EA		28-23/32" Wide x 25-3/16" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,152.79	257.53
12 56 53 00-0150	EA		36" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet.....	2,435.04	191.69
12 56 53 00-0151	EA		42" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet.....	2,654.96	208.96
12 56 53 00-0152	EA		48" Wide x 25-3/16" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet.....	2,664.26	209.64
12 56 53 00-0153	EA		30" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet.....	3,234.29	254.56
12 56 53 00-0154	EA		36" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet.....	3,299.38	259.71
12 56 53 00-0155	EA		42" Wide x 25-3/16" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet.....	3,491.39	274.79
12 56 53 00-0156			31" High x 16" Deep, Modular Steel Laboratory Wall Cabinets (12 56 53 00-0002)		
12 56 53 00-0157	EA		15" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,313.66	107.44
12 56 53 00-0158	EA		18" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,352.47	110.30
12 56 53 00-0159	EA		21" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,358.43	110.88
12 56 53 00-0160	EA		24" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,373.36	112.02
12 56 53 00-0161	EA		30" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,459.95	119.45
12 56 53 00-0162	EA		36" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,501.74	122.30
12 56 53 00-0163	EA		42" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,782.38	145.74
12 56 53 00-0164	EA		48" Wide x 31" High x 16" Deep, Open, Modular Steel Laboratory Wall Cabinet.....	1,821.21	148.60
12 56 53 00-0165	EA		15" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,854.06	151.46
12 56 53 00-0166	EA		18" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,901.79	155.46
12 56 53 00-0167	EA		21" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	1,934.66	158.31
12 56 53 00-0168	EA		24" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,027.22	165.17
12 56 53 00-0169	EA		30" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,504.93	204.61
12 56 53 00-0170	EA		36" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,540.72	207.47

12 Furnishings**12 50 Furniture****12 56 Institutional Furniture**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

12 56 53 00-0171	EA	42" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,824.31	230.89
12 56 53 00-0172	EA	48" Wide x 31" High x 16" Deep, Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,881.03	235.47
12 56 53 00-0173	EA	15" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,206.32	180.03
12 56 53 00-0174	EA	18" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,272.05	185.18
12 56 53 00-0175	EA	21" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,304.85	188.03
12 56 53 00-0176	EA	24" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	2,364.57	193.18
12 56 53 00-0177	EA	30" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,218.45	262.33
12 56 53 00-0178	EA	36" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,311.01	270.34
12 56 53 00-0179	EA	42" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,857.32	314.91
12 56 53 00-0180	EA	48" Wide x 31" High x 16" Deep, Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,671.74	279.48
12 56 53 00-0181	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Solid Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,152.70	257.76
12 56 53 00-0182	EA	25-23/32" Wide x 31" High x 16" Deep, Corner 18" Glass Swinging Door, Modular Steel Laboratory Wall Cabinet.....	3,752.85	306.91
12 56 53 00-0183	EA	30" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet.....	2,599.24	204.61
12 56 53 00-0184	EA	36" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet.....	2,636.38	207.47
12 56 53 00-0185	EA	42" Wide x 31" High x 16" Deep, Solid Sliding Door, Modular Steel Laboratory Wall Cabinet.....	2,930.65	230.67
12 56 53 00-0186	EA	36" Wide x 31" High x 16" Deep, Glass Sliding Door, Modular Steel Laboratory Wall Cabinet.....	3,435.66	270.45

12 56 53 00-0187**Wood Laboratory Furniture** (12 56 53)

Note: Laboratory Grade with chemical resistant finish, premium quality mill-made modular units, prefinished with solid 3/4" hardwood face frames, solid 3/4" hardwood door frames and drawer fronts, hardwood veneer on raised door panels (front and back), glued mortise, dowel, and dado joint construction, full backs, mitered corners and solid wood drawer bodies with steel guides and ball bearings. Includes self-closing hinges, door and drawer pulls, mounting hardware and adjustable shelves.

12 56 53 00-0188**Wood Laboratory Cabinets** (12 56 53 00-0187)**12 56 53 00-0189****28-1/2" High x 21-1/2" Deep, Wood Laboratory Base Cabinets** (12 56 53 00-0188)

12 56 53 00-0190	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	793.72	90.30
12 56 53 00-0191	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	819.47	93.16
12 56 53 00-0192	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	845.20	96.02
12 56 53 00-0193	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	870.93	99.45
12 56 53 00-0194	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	967.51	110.30
12 56 53 00-0195	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	1,031.86	117.17
12 56 53 00-0196	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	1,079.06	122.30
12 56 53 00-0197	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Open, Wood Laboratory Base Cabinet.....	1,136.99	129.17
12 56 53 00-0198	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	965.36	109.74
12 56 53 00-0199	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	999.68	113.73
12 56 53 00-0200	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,021.13	116.02
12 56 53 00-0201	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,048.99	119.45
12 56 53 00-0202	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,349.40	153.17
12 56 53 00-0203	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,432.78	162.89
12 56 53 00-0204	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,480.20	168.03
12 56 53 00-0205	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Door Cabinet With Shelf, Wood Laboratory Base Cabinet.....	1,538.35	174.89
12 56 53 00-0206	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,417.83	161.17
12 56 53 00-0207	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,467.54	166.88
12 56 53 00-0208	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,505.97	171.46
12 56 53 00-0209	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 3 Drawer, Wood Laboratory Base Cabinet.....	1,557.52	176.60
12 56 53 00-0210	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,441.61	163.46
12 56 53 00-0211	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,499.53	170.89
12 56 53 00-0212	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,542.43	175.46
12 56 53 00-0213	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	1,591.79	181.18
12 56 53 00-0214	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,254.71	256.04
12 56 53 00-0215	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,389.72	271.48
12 56 53 00-0216	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,439.02	277.19
12 56 53 00-0217	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 6 Drawer, Wood Laboratory Base Cabinet.....	2,535.64	288.05
12 56 53 00-0218	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	2,582.88	293.19
12 56 53 00-0219	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	2,702.97	307.48
12 56 53 00-0220	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	2,782.25	316.63
12 56 53 00-0221	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, 8 Drawer, Wood Laboratory Base Cabinet.....	2,878.85	327.48
12 56 53 00-0222	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet.....	1,068.31	121.74
12 56 53 00-0223	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet.....	1,106.93	126.31
12 56 53 00-0224	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet.....	1,130.53	128.59
12 56 53 00-0225	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, 1 Drawer Over Cupboard, Wood Laboratory Base Cabinet.....	1,162.72	132.03
12 56 53 00-0226	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base.....	1,724.75	196.04
12 56 53 00-0227	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base.....	1,804.14	205.07
12 56 53 00-0228	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base.....	1,855.61	210.90
12 56 53 00-0229	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Double Drawer Over Cupboard, Wood Laboratory Base.....	1,922.15	218.44
12 56 53 00-0230	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner, Wood Laboratory Base Cabinet.....	2,252.49	256.04
12 56 53 00-0231	EA	35" Wide x 28-1/2" High x 21-1/2" Deep, Diagonal Corner With Lazy Susan, Wood Laboratory Base Cabinet.....	2,496.99	284.05
12 56 53 00-0232	EA	15" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	879.54	100.01
12 56 53 00-0233	EA	18" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	907.43	103.10
12 56 53 00-0234	EA	21" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	924.58	105.05
12 56 53 00-0235	EA	24" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	946.04	107.56
12 56 53 00-0236	EA	30" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	1,212.05	137.74
12 56 53 00-0237	EA	36" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	1,274.26	144.82
12 56 53 00-0238	EA	42" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	1,310.73	148.94
12 56 53 00-0239	EA	48" Wide x 28-1/2" High x 21-1/2" Deep, Sink, Wood Laboratory Base Cabinet.....	1,349.33	153.40

12 56 53 00-0240**35-3/4" High x 22" Deep, Wood Laboratory Base Cabinets** (12 56 53 00-0188)

12 56 53 00-0241	EA	24" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet.....	1,390.61	158.04
12 56 53 00-0242	EA	30" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet.....	1,800.98	204.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0243	EA		36" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet.....	1,813.72	206.12
12 56 53 00-0244	EA		48" Wide x 35-3/4" High x 22" Deep, 2 Swinging Door, Wood Laboratory Base Cabinet.....	2,091.85	237.73
12 56 53 00-0245	EA		24" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	2,279.66	259.07
12 56 53 00-0246	EA		30" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	2,557.74	290.68
12 56 53 00-0247	EA		36" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	2,736.06	310.95
12 56 53 00-0248	EA		48" Wide x 35-3/4" High x 22" Deep, 4 Drawer, Wood Laboratory Base Cabinet.....	3,239.98	368.22
12 56 53 00-0249	EA		24" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet.....	1,675.86	189.98
12 56 53 00-0250	EA		30" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet.....	2,308.15	262.30
12 56 53 00-0251	EA		36" Wide x 35-3/4" High x 22" Deep, Combination Door/Drawer, Wood Laboratory Base Cabinet.....	2,400.87	272.85
12 56 53 00-0252	EA		48" Wide Base Cabinet With Combination Door/Drawer.....	2,683.76	305.00

12 56 53 00-0253 30-5/8" High x 13" Deep, Wood Laboratory Wall Cabinets (12 56 53 00-0188)

12 56 53 00-0254	EA		15" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	943.91	107.44
			<i>For 36" Height Cabinet, Add</i>	134.93	
12 56 53 00-0255	EA		18" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	980.37	110.88
			<i>For 36" Height Cabinet, Add</i>	140.14	
12 56 53 00-0256	EA		21" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,006.12	114.31
			<i>For 36" Height Cabinet, Add</i>	143.82	
12 56 53 00-0257	EA		24" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	918.16	104.02
			<i>For 36" Height Cabinet, Add</i>	131.25	
12 56 53 00-0258	EA		30" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,055.46	120.02
			<i>For 36" Height Cabinet, Add</i>	150.87	
12 56 53 00-0259	EA		36" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,143.42	129.73
			<i>For 36" Height Cabinet, Add</i>	163.45	
12 56 53 00-0260	EA		42" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,194.90	136.02
			<i>For 36" Height Cabinet, Add</i>	170.81	
12 56 53 00-0261	EA		48" Wide x 30-5/8" High x 13" Deep, Open, Wood Laboratory Wall Cabinet.....	1,265.71	143.45
			<i>For 36" Height Cabinet, Add</i>	180.93	
12 56 53 00-0262	EA		15" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	1,036.15	117.73
			<i>For 36" Height Cabinet, Add</i>	148.11	
12 56 53 00-0263	EA		18" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	1,083.35	123.45
			<i>For 36" Height Cabinet, Add</i>	154.86	
12 56 53 00-0264	EA		21" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	2,666.80	1,291.66
			<i>For 36" Height Cabinet, Add</i>	16.22	
12 56 53 00-0265	EA		24" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	1,164.86	132.03
			<i>For 36" Height Cabinet, Add</i>	166.51	
12 56 53 00-0266	EA		30" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	1,523.15	173.17
			<i>For 36" Height Cabinet, Add</i>	217.72	
12 56 53 00-0267	EA		36" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	1,641.11	186.32
			<i>For 36" Height Cabinet, Add</i>	234.59	
12 56 53 00-0268	EA		42" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	1,716.19	195.46
			<i>For 36" Height Cabinet, Add</i>	245.32	
12 56 53 00-0269	EA		48" Wide x 30-5/8" High x 13" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet.....	1,806.27	205.18
			<i>For 36" Height Cabinet, Add</i>	258.20	
12 56 53 00-0270	EA		15" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,160.56	132.03
			<i>For 36" Height Cabinet, Add</i>	165.90	
12 56 53 00-0271	EA		18" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,205.62	137.16
			<i>For 36" Height Cabinet, Add</i>	172.34	
12 56 53 00-0272	EA		21" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,239.93	140.60
			<i>For 36" Height Cabinet, Add</i>	177.24	
12 56 53 00-0273	EA		24" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,287.13	146.31
			<i>For 36" Height Cabinet, Add</i>	183.99	
12 56 53 00-0274	EA		30" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,774.10	201.75
			<i>For 36" Height Cabinet, Add</i>	253.60	
12 56 53 00-0275	EA		36" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,887.82	214.32
			<i>For 36" Height Cabinet, Add</i>	269.86	
12 56 53 00-0276	EA		42" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	1,939.25	220.61
			<i>For 36" Height Cabinet, Add</i>	277.22	
12 56 53 00-0277	EA		48" Wide x 30-5/8" High x 13" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet.....	2,057.25	233.75
			<i>For 36" Height Cabinet, Add</i>	294.08	
12 56 53 00-0278	EA		30" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet.....	1,587.52	180.03
			<i>For 36" Height Cabinet, Add</i>	226.92	
12 56 53 00-0279	EA		36" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet.....	1,713.79	194.89
			<i>For 36" Height Cabinet, Add</i>	245.02	
12 56 53 00-0280	EA		42" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet.....	1,829.76	208.04
			<i>For 36" Height Cabinet, Add</i>	261.58	
12 56 53 00-0281	EA		48" Wide x 30-5/8" High x 13" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet.....	1,958.49	222.90
			<i>For 36" Height Cabinet, Add</i>	279.98	
12 56 53 00-0282	EA		30" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	1,918.09	217.75
			<i>For 36" Height Cabinet, Add</i>	274.15	
12 56 53 00-0283	EA		36" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	2,038.17	231.47
			<i>For 36" Height Cabinet, Add</i>	291.32	
12 56 53 00-0284	EA		42" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	2,102.29	238.90
			<i>For 36" Height Cabinet, Add</i>	300.52	
12 56 53 00-0285	EA		48" Wide x 30-5/8" High x 13" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet.....	2,218.11	252.05
			<i>For 36" Height Cabinet, Add</i>	317.08	
12 56 53 00-0286	EA		23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet.....	2,338.53	265.76
			<i>For 36" Height Cabinet, Add</i>	334.25	
12 56 53 00-0287	EA		23-1/2" Wide x 30-5/8" High x 13" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet.....	2,434.74	277.19
			<i>For 36" Height Cabinet, Add</i>	348.05	

12 56 53 00-0288 30-5/8" High x 16" Deep, Wood Laboratory Wall Cabinets (12 56 53 00-0188)

12 Furnishings**12 50 Furniture****12 56 Institutional Furniture**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0289	EA	30" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,167.01 166.82	132.59
12 56 53 00-0290	EA	36" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,278.56 182.77	145.17
12 56 53 00-0291	EA	42" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,340.77 191.66	152.60
12 56 53 00-0292	EA	48" Wide x 30-5/8" High x 16" Deep, Open, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,424.45 203.62	161.17
12 56 53 00-0293	EA	15" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,085.49 155.17	123.45
12 56 53 00-0294	EA	18" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,143.42 163.45	130.31
12 56 53 00-0295	EA	21" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,177.68 168.35	134.31
12 56 53 00-0296	EA	24" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,227.08 175.41	138.88
12 56 53 00-0297	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,611.12 230.30	182.89
12 56 53 00-0298	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,748.37 249.92	198.32
12 56 53 00-0299	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,825.60 260.96	208.04
12 56 53 00-0300	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,928.53 275.68	218.89
12 56 53 00-0301	EA	15" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,214.19 173.57	138.31
12 56 53 00-0302	EA	18" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,250.68 178.78	142.31
12 56 53 00-0303	EA	21" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,291.41 184.61	146.31
12 56 53 00-0304	EA	24" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,357.92 194.11	154.32
12 56 53 00-0305	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,851.36 264.64	210.32
12 56 53 00-0306	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,997.23 285.49	226.90
12 56 53 00-0307	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,059.37 294.39	234.33
12 56 53 00-0308	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,192.42 313.40	249.19
12 56 53 00-0309	EA	30" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,662.62 237.66	188.61
12 56 53 00-0310	EA	36" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,838.21 262.80	209.18
12 56 53 00-0311	EA	42" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	1,930.59 275.99	219.47
12 56 53 00-0312	EA	48" Wide x 30-5/8" High x 16" Deep, Solid Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,063.84 295.00	234.90
12 56 53 00-0313	EA	30" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,003.95 286.41	227.47
12 56 53 00-0314	EA	36" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,130.41 304.51	241.76
12 56 53 00-0315	EA	42" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,216.02 316.77	252.05
12 56 53 00-0316	EA	48" Wide x 30-5/8" High x 16" Deep, Glass Sliding Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,336.07 333.95	265.19
12 56 53 00-0317	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Solid Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,447.91 349.89	278.33
12 56 53 00-0318	EA	26-1/2" Wide x 30-5/8" High x 16" Deep, Corner With Glass Swinging Door, Wood Laboratory Wall Cabinet..... <i>For 36" Height Cabinet, Add</i>	2,526.92 361.24	287.48
12 56 53 00-0319		Wood Laboratory Pegboard <small>(12 56 53 00-0187)</small>		
12 56 53 00-0320	EA	3/4" Thick x 32" Long x 29" High Laboratory Pegboard..... Note: Includes 53 polypropylene pegs, each 1/2" diameter x 4-1/2" long and ribbon sealing putty for wall mounting	1,575.38	184.09
12 56 53 00-0321		Plastic Laminate Laboratory Furniture <small>(12 56 53)</small>		
12 56 53 00-0322		Plastic Laminate Laboratory Cabinets <small>(12 56 53 00-0321)</small>		
12 56 53 00-0323		28-1/2" High x 22.3" Deep, Plastic Laminate Laboratory Base Cabinet <small>(12 56 53 00-0322)</small>		
12 56 53 00-0324	EA	15" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	919.79	90.19
12 56 53 00-0325	EA	18" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	949.63	93.16
12 56 53 00-0326	EA	21" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	979.45	96.02
12 56 53 00-0327	EA	24" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,009.28	98.99
12 56 53 00-0328	EA	30" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,121.19	109.96
12 56 53 00-0329	EA	36" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,195.76	117.28
12 56 53 00-0330	EA	42" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,250.45	122.65
12 56 53 00-0331	EA	48" Wide x 28-1/2" High x 22.3" Deep, Open, Plastic Laminate Laboratory Base Cabinet.....	1,317.59	129.28
12 56 53 00-0332	EA	15" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,118.70	109.74
12 56 53 00-0333	EA	18" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,158.48	113.62
12 56 53 00-0334	EA	21" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,183.33	116.02
12 56 53 00-0335	EA	24" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,215.62	119.22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0336	EA		30" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,563.73	153.40
12 56 53 00-0337	EA		36" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,660.40	162.77
12 56 53 00-0338	EA		42" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,715.32	168.26
12 56 53 00-0339	EA		48" Wide x 28-1/2" High x 22.3" Deep, Door Cabinet With Shelf, Plastic Laminate Laboratory Base Cabinet.....	1,782.67	174.89
12 56 53 00-0340	EA		15" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,643.07	161.05
12 56 53 00-0341	EA		18" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,700.61	166.88
12 56 53 00-0342	EA		21" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,745.18	171.23
12 56 53 00-0343	EA		24" Wide x 28-1/2" High x 22.3" Deep, 3 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,804.90	177.06
12 56 53 00-0344	EA		15" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,670.59	163.80
12 56 53 00-0345	EA		18" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,737.72	170.43
12 56 53 00-0346	EA		21" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,787.43	175.35
12 56 53 00-0347	EA		24" Wide x 28-1/2" High x 22.3" Deep, 4 Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,844.63	180.95
12 56 53 00-0348	EA		15" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,342.39	109.74
12 56 53 00-0349	EA		18" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,391.33	113.73
12 56 53 00-0350	EA		21" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,421.07	116.02
12 56 53 00-0351	EA		24" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	1,459.75	119.45
12 56 53 00-0352	EA		30" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,115.28	207.47
12 56 53 00-0353	EA		36" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,272.22	222.90
12 56 53 00-0354	EA		42" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,328.79	228.61
12 56 53 00-0355	EA		48" Wide x 28-1/2" High x 22.3" Deep, Combination Door/Drawer, Plastic Laminate Laboratory Base Cabinet.....	2,441.04	239.47
12 56 53 00-0356	EA		15" Wide Cabinet, 1 Drawer Over Cupboard.....	1,238.00	121.40
12 56 53 00-0357	EA		18" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinets.....	1,282.76	125.85
12 56 53 00-0358	EA		21" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	1,310.10	128.48
12 56 53 00-0359	EA		24" Wide x 28-1/2" High x 22.3" Deep, 1 Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	1,347.41	132.14
12 56 53 00-0360	EA		30" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	1,998.71	196.04
12 56 53 00-0361	EA		36" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	2,090.71	205.07
12 56 53 00-0362	EA		42" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	2,150.36	210.90
12 56 53 00-0363	EA		48" Wide x 28-1/2" High x 22.3" Deep, Double Drawer Over Cupboard, Plastic Laminate Laboratory Base Cabinet.....	2,227.46	218.44
12 56 53 00-0364	EA		22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner, Plastic Laminate Laboratory Base Cabinet.....	2,610.37	256.04
12 56 53 00-0365	EA		22.3" Wide x 28-1/2" High x 22.3" Deep, Diagonal Corner With Lazy Susan, Plastic Laminate Laboratory Base Cabinet.....	2,893.62	283.82
12 56 53 00-0366	EA		15" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,019.25	100.01
12 56 53 00-0367	EA		18" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,051.57	103.10
12 56 53 00-0368	EA		21" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,071.44	105.05
12 56 53 00-0369	EA		24" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,096.31	107.56
12 56 53 00-0370	EA		30" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,404.57	137.74
12 56 53 00-0371	EA		36" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,476.66	144.82
12 56 53 00-0372	EA		42" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,518.93	148.94
12 56 53 00-0373	EA		48" Wide x 28-1/2" High x 22.3" Deep, Sink, Plastic Laminate Laboratory Base Cabinet.....	1,563.66	153.40
12 56 53 00-0374			30.6" High x 12" Deep, Plastic Laminate Laboratory Wall Cabinet <small>(12 56 53 00-0322)</small>		
12 56 53 00-0375	EA		15" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,093.84	107.33
			<i>For 36" Height Cabinet, Add</i>	162.66	
12 56 53 00-0376	EA		18" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,136.09	111.45
			<i>For 36" Height Cabinet, Add</i>	168.95	
12 56 53 00-0377	EA		21" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,165.93	114.31
			<i>For 36" Height Cabinet, Add</i>	173.39	
12 56 53 00-0378	EA		24" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,064.00	104.36
			<i>For 36" Height Cabinet, Add</i>	158.23	
12 56 53 00-0379	EA		30" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,223.11	120.02
			<i>For 36" Height Cabinet, Add</i>	181.89	
12 56 53 00-0380	EA		36" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,325.04	129.96
			<i>For 36" Height Cabinet, Add</i>	197.05	
12 56 53 00-0381	EA		42" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,384.69	135.79
			<i>For 36" Height Cabinet, Add</i>	205.92	
12 56 53 00-0382	EA		48" Wide x 30.6" High x 12" Deep, Open, Plastic Laminate Laboratory Wall Cabinet.....	1,466.75	143.91
			<i>For 36" Height Cabinet, Add</i>	218.12	
12 56 53 00-0383	EA		15" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,200.74	117.73
			<i>For 36" Height Cabinet, Add</i>	178.56	
12 56 53 00-0384	EA		18" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,255.43	123.11
			<i>For 36" Height Cabinet, Add</i>	186.69	
12 56 53 00-0385	EA		21" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,684.82	1,289.60
			<i>For 36" Height Cabinet, Add</i>	19.56	
12 56 53 00-0386	EA		24" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,349.89	132.37
			<i>For 36" Height Cabinet, Add</i>	200.74	
12 56 53 00-0387	EA		30" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,765.08	173.17
			<i>For 36" Height Cabinet, Add</i>	262.48	
12 56 53 00-0388	EA		36" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,901.79	186.54
			<i>For 36" Height Cabinet, Add</i>	282.82	
12 56 53 00-0389	EA		42" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,988.79	195.00
			<i>For 36" Height Cabinet, Add</i>	295.75	
12 56 53 00-0390	EA		48" Wide x 30.6" High x 12" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,093.18	205.29
			<i>For 36" Height Cabinet, Add</i>	311.28	
12 56 53 00-0391	EA		15" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,344.91	131.91
			<i>For 36" Height Cabinet, Add</i>	200.00	
12 56 53 00-0392	EA		18" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,397.13	137.05
			<i>For 36" Height Cabinet, Add</i>	207.77	
12 56 53 00-0393	EA		21" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,436.89	140.94
			<i>For 36" Height Cabinet, Add</i>	213.68	
12 56 53 00-0394	EA		24" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,491.58	146.31
			<i>For 36" Height Cabinet, Add</i>	221.82	
12 56 53 00-0395	EA		30" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,055.91	201.64
			<i>For 36" Height Cabinet, Add</i>	305.74	

12 Furnishings**12 50 Furniture****12 56 Institutional Furniture**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 53 00-0396	EA		36" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,187.68	214.55
			<i>For 36" Height Cabinet, Add</i>	325.33	
12 56 53 00-0397	EA		42" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,247.29	220.38
			<i>For 36" Height Cabinet, Add</i>	334.20	
12 56 53 00-0398	EA		48" Wide x 30.6" High x 12" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,384.04	233.87
			<i>For 36" Height Cabinet, Add</i>	354.54	
12 56 53 00-0399	EA		30" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	1,839.68	180.49
			<i>For 36" Height Cabinet, Add</i>	273.57	
12 56 53 00-0400	EA		36" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	1,986.05	194.66
			<i>For 36" Height Cabinet, Add</i>	295.38	
12 56 53 00-0401	EA		42" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,120.42	207.92
			<i>For 36" Height Cabinet, Add</i>	315.35	
12 56 53 00-0402	EA		48" Wide x 30.6" High x 12" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,269.59	222.78
			<i>For 36" Height Cabinet, Add</i>	337.53	
12 56 53 00-0403	EA		30" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,222.72	218.10
			<i>For 36" Height Cabinet, Add</i>	330.50	
12 56 53 00-0404	EA		36" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,361.88	231.70
			<i>For 36" Height Cabinet, Add</i>	351.21	
12 56 53 00-0405	EA		42" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,436.23	238.90
			<i>For 36" Height Cabinet, Add</i>	362.30	
12 56 53 00-0406	EA		48" Wide x 30.6" High x 12" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,570.45	252.05
			<i>For 36" Height Cabinet, Add</i>	382.26	
12 56 53 00-0407			30.6" High x 16" Deep, Plastic Laminate Laboratory Wall Cabinet <small>(12 56 53 00-0322)</small>		
12 56 53 00-0408	EA		15" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,257.91	123.34
			<i>For 36" Height Cabinet, Add</i>	187.06	
12 56 53 00-0409	EA		18" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,325.04	129.96
			<i>For 36" Height Cabinet, Add</i>	197.05	
12 56 53 00-0410	EA		21" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,364.76	133.85
			<i>For 36" Height Cabinet, Add</i>	202.96	
12 56 53 00-0411	EA		24" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,421.99	139.46
			<i>For 36" Height Cabinet, Add</i>	211.46	
12 56 53 00-0412	EA		30" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,867.02	183.12
			<i>For 36" Height Cabinet, Add</i>	277.64	
12 56 53 00-0413	EA		36" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,026.09	198.78
			<i>For 36" Height Cabinet, Add</i>	301.30	
12 56 53 00-0414	EA		42" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,115.58	207.47
			<i>For 36" Height Cabinet, Add</i>	314.61	
12 56 53 00-0415	EA		48" Wide x 30.6" High x 16" Deep, Solid Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,234.87	219.12
			<i>For 36" Height Cabinet, Add</i>	332.35	
12 56 53 00-0416	EA		15" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,407.06	137.97
			<i>For 36" Height Cabinet, Add</i>	209.25	
12 56 53 00-0417	EA		18" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,449.34	142.20
			<i>For 36" Height Cabinet, Add</i>	215.53	
12 56 53 00-0418	EA		21" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,496.54	146.77
			<i>For 36" Height Cabinet, Add</i>	222.56	
12 56 53 00-0419	EA		24" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	1,573.62	154.32
			<i>For 36" Height Cabinet, Add</i>	234.02	
12 56 53 00-0420	EA		30" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,145.43	210.44
			<i>For 36" Height Cabinet, Add</i>	319.05	
12 56 53 00-0421	EA		36" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,314.47	227.01
			<i>For 36" Height Cabinet, Add</i>	344.18	
12 56 53 00-0422	EA		42" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,386.49	233.98
			<i>For 36" Height Cabinet, Add</i>	354.90	
12 56 53 00-0423	EA		48" Wide x 30.6" High x 16" Deep, Glass Swinging Door, Plastic Laminate Laboratory Wall Cabinet.....	2,540.67	249.19
			<i>For 36" Height Cabinet, Add</i>	377.83	
12 56 53 00-0424	EA		30" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	1,926.70	188.95
			<i>For 36" Height Cabinet, Add</i>	286.51	
12 56 53 00-0425	EA		36" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,130.24	208.83
			<i>For 36" Height Cabinet, Add</i>	316.83	
12 56 53 00-0426	EA		42" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,237.26	219.36
			<i>For 36" Height Cabinet, Add</i>	332.72	
12 56 53 00-0427	EA		48" Wide x 30.6" High x 16" Deep, Solid Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,391.64	234.67
			<i>For 36" Height Cabinet, Add</i>	355.64	
12 56 53 00-0428	EA		30" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,322.22	227.92
			<i>For 36" Height Cabinet, Add</i>	345.29	
12 56 53 00-0429	EA		36" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,468.78	242.22
			<i>For 36" Height Cabinet, Add</i>	367.10	
12 56 53 00-0430	EA		42" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,568.01	251.81
			<i>For 36" Height Cabinet, Add</i>	381.89	
12 56 53 00-0431	EA		48" Wide x 30.6" High x 16" Deep, Glass Sliding Door, Plastic Laminate Laboratory Wall Cabinet.....	2,707.15	265.54
			<i>For 36" Height Cabinet, Add</i>	402.60	
12 56 89			Cafeteria Furniture <small>(12 56)</small>		
12 56 89 00-0001			Cafeteria Table Wall Pocket Systems <small>(12 56 89)</small>		
12 56 89 00-0002	EA		Single Table Pocket System, Against-Wall.....	11,491.28	544.20
			Note: System includes single wall pocket, one table (Up to 29" H x 30" W x 14' L), and two benches (Up to 17" H x 12" W x 14' L).		
12 56 89 00-0003	EA		Double Table Pocket System, Against-Wall.....	18,934.82	653.04
			Note: System includes double wall pocket, two tables (Up to 29" H x 30" W x 14' L), and four benches (Up to 17" H x 12" W x 14' L).		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 56 89 00-0004 EA Single Table Pocket System, Recessed In Wall..... Note: System includes single wall pocket, one table (Up to 29" H x 30" W x 14' L), and two benches (Up to 17" H x 12" W x 14' L).	11,644.77	761.88
12 56 89 00-0005 EA Double Table Pocket System, Recessed In Wall..... Note: System includes double wall pocket, two tables (Up to 29" H x 30" W x 14' L), and four benches (Up to 17" H x 12" W x 14' L).	19,090.50	870.72

12 59 Systems Furniture (12 50)

12 59 13 Panel-Hung Component System Furniture (12 59)

12 59 13 00-0001 Open Office Systems Furniture Components (12 59 13)

Note: Excludes electrical wire and wiring devices.

12 59 13 00-0002 EA 34H 24W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	289.85 53.68 58.35 -23.34	22.61
12 59 13 00-0003 EA 34H 30W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	322.15 59.66 64.85 -25.94	25.16
12 59 13 00-0004 EA 34H 36W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	344.46 63.79 69.34 -27.74	26.79
12 59 13 00-0005 EA 34H 48W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	385.97 71.48 77.70 -31.08	30.09
12 59 13 00-0006 EA 42H 24W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	294.47 54.53 59.28 -23.71	22.93
12 59 13 00-0007 EA 42H 30W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	332.90 61.65 67.01 -26.81	25.89
12 59 13 00-0008 EA 42H 36W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	372.89 69.06 75.06 -30.03	29.10
12 59 13 00-0009 EA 42H 48W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	438.26 81.16 88.22 -35.29	34.11
12 59 13 00-0010 EA 62H 12W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	283.70 52.54 57.11 -22.84	22.11
12 59 13 00-0011 EA 62H 24W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	349.07 64.65 70.27 -28.11	27.20
12 59 13 00-0012 EA 62H 36W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	436.73 80.88 87.91 -35.16	34.03
12 59 13 00-0013 EA 62H 48W Fabric Covered Panel - Component Systems Furniture..... <i>For Tackable Acoustical Barrier Panel, Add</i> <i>For Acoustical Panel, Add</i> <i>For Enameled Surface, Deduct</i>	522.81 96.83 105.25 -42.10	40.69
12 59 13 00-0014 EA 34" Draw Rod Panel Connector Hardware	15.83	1.23
12 59 13 00-0015 EA 42" Draw Rod Panel Connector Hardware	15.83	1.23
12 59 13 00-0016 EA 62" Draw Rod Panel Connector Hardware	16.89	1.31
12 59 13 00-0017 EA 34" Two-Way 90 Degree Panel Connector Hardware.....	72.81	5.67
12 59 13 00-0018 EA 42" Two-Way 90 Degree Panel Connector Hardware.....	84.42	6.58
12 59 13 00-0019 EA 62" Two-Way 90 Degree Panel Connector Hardware.....	97.09	7.56
12 59 13 00-0020 EA 34" Three-Way 90 Degree Panel Connector Hardware.....	112.91	8.79
12 59 13 00-0021 EA 42" Three-Way 90 Degree Panel Connector Hardware.....	130.86	10.19
12 59 13 00-0022 EA 62" Three-Way 90 Degree Panel Connector Hardware.....	151.96	11.84
12 59 13 00-0023 EA 34" Four-Way 90 Degree Panel Connector Hardware.....	142.47	11.09
12 59 13 00-0024 EA 42" Four-Way 90 Degree Panel Connector Hardware.....	166.74	12.99
12 59 13 00-0025 EA 62" Four-Way 90 Degree Panel Connector Hardware.....	200.51	15.62
12 59 13 00-0026 EA 34" Panel End Cap Hardware.....	24.27	1.89
12 59 13 00-0027 EA 42" Panel End Cap Hardware.....	27.43	2.14
12 59 13 00-0028 EA 62" Panel End Cap Hardware.....	29.54	2.30
12 59 13 00-0029 EA 28" Variable Height Panel End Filler..... Note: Field cut to appropriate length.	26.78	2.14
12 59 13 00-0030 EA Two-Way Trim Cover For Cable Management Raceway.....	13.78	1.06
12 59 13 00-0031 EA Three-Way Trim Cover For Cable Management Raceway.....	14.53	1.15
12 59 13 00-0032 EA Four-Way Trim Cover For Cable Management Raceway.....	16.83	1.31
12 59 13 00-0033 EA Finished End Trim Cover For Cable Management Raceway.....	13.78	1.06
12 59 13 00-0034 EA 12" Cable Management Raceway Assembly..... Note: Includes base plate, two side covers, and 2 side cover fillers.	28.31	2.22

12 Furnishings**12 50 Furniture****12 59 Systems Furniture**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59 13 00-0035	EA	24" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	32.14	2.47
12 59 13 00-0036	EA	30" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	32.89	2.55
12 59 13 00-0037	EA	36" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	36.73	2.88
12 59 13 00-0038	EA	48" Cable Management Raceway Assembly Note: Includes base plate, two side covers, and 2 side cover fillers.	41.31	3.20
12 59 13 00-0039	EA	24" x 36" Radiused Edge Rectangular Hanging Work Surface	222.19	17.27
12 59 13 00-0040	EA	30" x 36" Radiused Edge Rectangular Hanging Work Surface	273.71	21.29
12 59 13 00-0041	EA	24" x 48" Radiused Edge Rectangular Hanging Work Surface	258.34	20.14
12 59 13 00-0042	EA	30" x 48" Radiused Edge Rectangular Hanging Work Surface	322.94	25.16
12 59 13 00-0043	EA	24" x 60" Radiused Edge Rectangular Hanging Work Surface	325.99	25.40
12 59 13 00-0044	EA	30" x 60" Radiused Edge Rectangular Hanging Work Surface	410.58	32.05
12 59 13 00-0045	EA	24" x 72" Radiused Edge Rectangular Hanging Work Surface	395.96	30.83
12 59 13 00-0046	EA	30" x 72" Radiused Edge Rectangular Hanging Work Surface	497.42	38.72
12 59 13 00-0047	EA	30" x 60" Radiused Edge Table	883.64	68.88
12 59 13 00-0048	EA	30" x 72" Radiused Edge Table	965.63	75.29
12 59 13 00-0049	EA	14" x 24" Radiused Edge Transaction Surface	106.10	8.30
12 59 13 00-0050	EA	14" x 36" Radiused Edge Transaction Surface	120.69	9.37
12 59 13 00-0051	EA	14" x 48" Radiused Edge Transaction Surface	135.32	10.52
12 59 13 00-0052	EA	14" x 60" Radiused Edge Transaction Surface	168.37	13.15
12 59 13 00-0053	EA	14" x 72" Radiused Edge Transaction Surface	202.20	15.78
12 59 13 00-0054	EA	14" Right Angle Corner Transaction Surface	353.69	27.54
12 59 13 00-0055	EA	Transaction Surface Support	28.02	2.18
12 59 13 00-0056	EA	Plastic Pencil Drawer	30.72	2.14
12 59 13 00-0057	EA	15-1/2" x 24" Hanging Shelf	103.31	8.05
12 59 13 00-0058	EA	15-1/2" x 36" Hanging Shelf	112.47	8.71
12 59 13 00-0059	EA	15-1/2" x 48" Hanging Shelf	120.12	9.37
12 59 13 00-0060	EA	24" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	178.26	13.89
12 59 13 00-0061	EA	36" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	208.11	16.27
12 59 13 00-0062	EA	48" Flipper Door - Top And Front Closure Note: Used with hanging shelf.	238.71	18.58
12 59 13 00-0063	EA	24" Suspended Lateral File, Lockable	614.80	47.63
12 59 13 00-0064	EA	30" Suspended Lateral File, Lockable	649.34	50.31
12 59 13 00-0065	EA	36" Suspended Lateral File, Lockable	685.15	53.08
12 59 13 00-0066	EA	48" Suspended Lateral File, Lockable	749.36	58.06
12 59 13 00-0067	EA	Fully Adjustable Vinyl Keyboard Tray	278.52	21.70
12 59 13 00-0068	EA	Palm Rest For Vinyl Keyboard Tray.....	43.60	3.45
12 59 13 00-0069	EA	24" x 36" Radiused Edge Corner Work Surface	351.86	27.45
12 59 13 00-0070	EA	File Drawer Organizer.....	113.25	8.79
12 59 13 00-0071	EA	Suspended Lateral File Converter Bracket	24.48	1.89
12 59 13 00-0072	EA	Utility Task Light	122.42	9.54
12 59 13 00-0073		Disassemble And Store Systems Furniture Components <small>(12 59 13)</small>		
12 59 13 00-0074	EA	Disassemble And Store 34H 24W Fabric Covered Panel.....	28.25	
12 59 13 00-0075	EA	Disassemble And Store 34H 30W Fabric Covered Panel.....	31.39	
12 59 13 00-0076	EA	Disassemble And Store 34H 36W Fabric Covered Panel.....	33.57	
12 59 13 00-0077	EA	Disassemble And Store 34H 48W Fabric Covered Panel.....	37.61	
12 59 13 00-0078	EA	Disassemble And Store 42H 24W Fabric Covered Panel.....	28.69	
12 59 13 00-0079	EA	Disassemble And Store 42H 30W Fabric Covered Panel.....	32.44	
12 59 13 00-0080	EA	Disassemble And Store 42H 36W Fabric Covered Panel.....	36.34	
12 59 13 00-0081	EA	Disassemble And Store 42H 48W Fabric Covered Panel.....	42.70	
12 59 13 00-0082	EA	Disassemble And Store 62H 12W Fabric Covered Panel.....	27.65	
12 59 13 00-0083	EA	Disassemble And Store 62H 24W Fabric Covered Panel.....	34.02	
12 59 13 00-0084	EA	Disassemble And Store 62H 36W Fabric Covered Panel.....	42.56	
12 59 13 00-0085	EA	Disassemble And Store 62H 48W Fabric Covered Panel.....	50.96	
12 59 13 00-0086	EA	Disassemble And Store 34" Draw Rod Panel Connector Hardware	1.55	
12 59 13 00-0087	EA	Disassemble And Store 42" Draw Rod Panel Connector Hardware	1.55	
12 59 13 00-0088	EA	Disassemble And Store 62" Draw Rod Panel Connector Hardware	1.65	
12 59 13 00-0089	EA	Disassemble And Store 34" Two-Way 90 Degree Panel Connector Hardware	7.10	
12 59 13 00-0090	EA	Disassemble And Store 42" Two-Way 90 Degree Panel Connector Hardware	8.23	
12 59 13 00-0091	EA	Disassemble And Store 62" Two-Way 90 Degree Panel Connector Hardware	9.47	
12 59 13 00-0092	EA	Disassemble And Store 34" Three-Way 90 Degree Panel Connector Hardware	11.00	
12 59 13 00-0093	EA	Disassemble And Store 42" Three-Way 90 Degree Panel Connector Hardware	12.75	
12 59 13 00-0094	EA	Disassemble And Store 62" Three-Way 90 Degree Panel Connector Hardware	14.81	
12 59 13 00-0095	EA	Disassemble And Store 34" Four-Way 90 Degree Panel Connector Hardware	13.88	
12 59 13 00-0096	EA	Disassemble And Store 42" Four-Way 90 Degree Panel Connector Hardware	16.25	
12 59 13 00-0097	EA	Disassemble And Store 62" Four-Way 90 Degree Panel Connector Hardware	19.53	
12 59 13 00-0098	EA	Disassemble And Store 34" Panel End Cap Hardware.....	2.37	
12 59 13 00-0099	EA	Disassemble And Store 42" Panel End Cap Hardware.....	2.67	
12 59 13 00-0100	EA	Disassemble And Store 62" Panel End Cap Hardware.....	2.88	
12 59 13 00-0101	EA	Disassemble And Store Variable Height Panel End Filler.....	2.61	
12 59 13 00-0102	EA	Disassemble And Store Two-Way Trim Cover For Cable Management Raceway	1.35	
12 59 13 00-0103	EA	Disassemble And Store Three-Way Trim Cover For Cable Management Raceway	1.42	
12 59 13 00-0104	EA	Disassemble And Store Four-Way Trim Cover For Cable Management Raceway	1.64	
12 59 13 00-0105	EA	Disassemble And Store Finished End Trim Cover For Cable Management Raceway	1.35	
12 59 13 00-0106	EA	Disassemble And Store 12" Cable Management Raceway Assembly.....	2.76	
12 59 13 00-0107	EA	Disassemble And Store 24" Cable Management Raceway Assembly.....	3.13	
12 59 13 00-0108	EA	Disassemble And Store 30" Cable Management Raceway Assembly.....	3.20	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 59	13 00-0109	EA	Disassemble And Store 36" Cable Management Raceway Assembly.....	3.58	
12 59	13 00-0110	EA	Disassemble And Store 48" Cable Management Raceway Assembly.....	4.03	
12 59	13 00-0111	EA	Disassemble And Store 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	21.65	
12 59	13 00-0112	EA	Disassemble And Store 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	26.67	
12 59	13 00-0113	EA	Disassemble And Store 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	25.18	
12 59	13 00-0114	EA	Disassemble And Store 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	31.47	
12 59	13 00-0115	EA	Disassemble And Store 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	31.77	
12 59	13 00-0116	EA	Disassemble And Store 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	40.01	
12 59	13 00-0117	EA	Disassemble And Store 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	38.59	
12 59	13 00-0118	EA	Disassemble And Store 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	48.48	
12 59	13 00-0119	EA	Disassemble And Store 30" x 60" Radiused Edge Table.....	74.87	
12 59	13 00-0120	EA	Disassemble And Store 30" x 72" Radiused Edge Table.....	94.08	
12 59	13 00-0121	EA	Disassemble And Store 14" x 24" Radiused Edge Transaction Surface.....	10.34	
12 59	13 00-0122	EA	Disassemble And Store 14" x 36" Radiused Edge Transaction Surface.....	11.76	
12 59	13 00-0123	EA	Disassemble And Store 14" x 48" Radiused Edge Transaction Surface.....	13.19	
12 59	13 00-0124	EA	Disassemble And Store 14" x 60" Radiused Edge Transaction Surface.....	16.40	
12 59	13 00-0125	EA	Disassemble And Store 14" x 72" Radiused Edge Transaction Surface.....	19.71	
12 59	13 00-0126	EA	Disassemble And Store 14" Right Angle Corner Transaction Surface.....	34.47	
12 59	13 00-0127	EA	Disassemble And Store Transaction Surface Support.....	2.72	
12 59	13 00-0128	EA	Disassemble And Store Plastic Pencil Drawer.....	2.69	
12 59	13 00-0129	EA	Disassemble And Store 15-1/2" x 24" Hanging Shelf.....	10.07	
12 59	13 00-0130	EA	Disassemble And Store 15-1/2" x 36" Hanging Shelf.....	10.96	
12 59	13 00-0131	EA	Disassemble And Store 15-1/2" x 48" Hanging Shelf.....	11.70	
12 59	13 00-0132	EA	Disassemble And Store 24" Flipper Door And Shelf.....	17.37	
12 59	13 00-0133	EA	Disassemble And Store 36" Flipper Door And Shelf.....	20.28	
12 59	13 00-0134	EA	Disassemble And Store 48" Flipper Door And Shelf.....	23.26	
12 59	13 00-0135	EA	Disassemble And Store 24" Suspended Lateral File.....	59.54	
12 59	13 00-0136	EA	Disassemble And Store 30" Suspended Lateral File.....	62.88	
12 59	13 00-0137	EA	Disassemble And Store 36" Suspended Lateral File.....	66.35	
12 59	13 00-0138	EA	Disassemble And Store 48" Suspended Lateral File.....	72.57	
12 59	13 00-0139	EA	Disassemble And Store Fully Adjustable Vinyl Keyboard Tray.....	27.14	
12 59	13 00-0140	EA	Disassemble And Store 24" x 36" Radiused Edge Corner Work Surface.....	34.29	
12 59	13 00-0141	EA	Disassemble And Store Utility Task Light.....	11.93	
12 59	13 00-0142		Reconfigure Systems Furniture Components <small>(12 59 13)</small>		
12 59	13 00-0143	EA	Reconfigure 34H 24W Fabric Covered Panel.....	30.12	
12 59	13 00-0144	EA	Reconfigure 34H 30W Fabric Covered Panel.....	33.47	
12 59	13 00-0145	EA	Reconfigure 34H 36W Fabric Covered Panel.....	35.79	
12 59	13 00-0146	EA	Reconfigure 34H 48W Fabric Covered Panel.....	40.10	
12 59	13 00-0147	EA	Reconfigure 42H 24W Fabric Covered Panel.....	30.60	
12 59	13 00-0148	EA	Reconfigure 42H 30W Fabric Covered Panel.....	34.59	
12 59	13 00-0149	EA	Reconfigure 42H 36W Fabric Covered Panel.....	38.74	
12 59	13 00-0150	EA	Reconfigure 42H 48W Fabric Covered Panel.....	45.53	
12 59	13 00-0151	EA	Reconfigure 62H 12W Fabric Covered Panel.....	29.48	
12 59	13 00-0152	EA	Reconfigure 62H 24W Fabric Covered Panel.....	36.27	
12 59	13 00-0153	EA	Reconfigure 62H 36W Fabric Covered Panel.....	45.37	
12 59	13 00-0154	EA	Reconfigure 62H 48W Fabric Covered Panel.....	54.32	
12 59	13 00-0155	EA	Reconfigure 34" Draw Rod Panel Connector Hardware.....	1.65	
12 59	13 00-0156	EA	Reconfigure 42" Draw Rod Panel Connector Hardware.....	1.65	
12 59	13 00-0157	EA	Reconfigure 62" Draw Rod Panel Connector Hardware.....	1.76	
12 59	13 00-0158	EA	Reconfigure 34" Two-Way 90 Degree Panel Connector Hardware.....	7.57	
12 59	13 00-0159	EA	Reconfigure 42" Two-Way 90 Degree Panel Connector Hardware.....	8.77	
12 59	13 00-0160	EA	Reconfigure 62" Two-Way 90 Degree Panel Connector Hardware.....	10.09	
12 59	13 00-0161	EA	Reconfigure 34" Three-Way 90 Degree Panel Connector Hardware.....	11.73	
12 59	13 00-0162	EA	Reconfigure 42" Three-Way 90 Degree Panel Connector Hardware.....	13.59	
12 59	13 00-0163	EA	Reconfigure 62" Three-Way 90 Degree Panel Connector Hardware.....	15.79	
12 59	13 00-0164	EA	Reconfigure 34" Four-Way 90 Degree Panel Connector Hardware.....	14.81	
12 59	13 00-0165	EA	Reconfigure 42" Four-Way 90 Degree Panel Connector Hardware.....	17.33	
12 59	13 00-0166	EA	Reconfigure 62" Four-Way 90 Degree Panel Connector Hardware.....	20.83	
12 59	13 00-0167	EA	Reconfigure 34" Panel End Cap Hardware.....	2.52	
12 59	13 00-0168	EA	Reconfigure 42" Panel End Cap Hardware.....	2.85	
12 59	13 00-0169	EA	Reconfigure 62" Panel End Cap Hardware.....	3.07	
12 59	13 00-0170	EA	Reconfigure Variable Height Panel End Filler.....	2.78	
12 59	13 00-0171	EA	Reconfigure Two-Way Trim Cover For Cable Management Raceway.....	1.44	
12 59	13 00-0172	EA	Reconfigure Three-Way Trim Cover For Cable Management Raceway.....	1.51	
12 59	13 00-0173	EA	Reconfigure Four-Way Trim Cover For Cable Management Raceway.....	1.75	
12 59	13 00-0174	EA	Reconfigure Finished End Trim Cover For Cable Management Raceway.....	1.44	
12 59	13 00-0175	EA	Reconfigure 12" Cable Management Raceway Assembly.....	2.94	
12 59	13 00-0176	EA	Reconfigure 24" Cable Management Raceway Assembly.....	3.34	
12 59	13 00-0177	EA	Reconfigure 30" Cable Management Raceway Assembly.....	3.41	
12 59	13 00-0178	EA	Reconfigure 36" Cable Management Raceway Assembly.....	3.81	
12 59	13 00-0179	EA	Reconfigure 48" Cable Management Raceway Assembly.....	4.30	
12 59	13 00-0180	EA	Reconfigure 24" x 36" Radiused Edge Rectangular Hanging Work Surface.....	23.09	
12 59	13 00-0181	EA	Reconfigure 30" x 36" Radiused Edge Rectangular Hanging Work Surface.....	28.44	
12 59	13 00-0182	EA	Reconfigure 24" x 48" Radiused Edge Rectangular Hanging Work Surface.....	26.84	
12 59	13 00-0183	EA	Reconfigure 30" x 48" Radiused Edge Rectangular Hanging Work Surface.....	33.55	
12 59	13 00-0184	EA	Reconfigure 24" x 60" Radiused Edge Rectangular Hanging Work Surface.....	33.87	
12 59	13 00-0185	EA	Reconfigure 30" x 60" Radiused Edge Rectangular Hanging Work Surface.....	42.66	
12 59	13 00-0186	EA	Reconfigure 24" x 72" Radiused Edge Rectangular Hanging Work Surface.....	41.14	
12 59	13 00-0187	EA	Reconfigure 30" x 72" Radiused Edge Rectangular Hanging Work Surface.....	51.68	
12 59	13 00-0188	EA	Reconfigure 30" x 60" Radiused Edge Table.....	91.82	

12 Furnishings**12 50 Furniture****12 59 Systems Furniture**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

12 59 13 00-0189	EA	Reconfigure 30" x 72" Radiused Edge Table.....	100.33	
12 59 13 00-0190	EA	Reconfigure 14" x 24" Radiused Edge Transaction Surface.....	11.02	
12 59 13 00-0191	EA	Reconfigure 14" x 36" Radiused Edge Transaction Surface.....	12.54	
12 59 13 00-0192	EA	Reconfigure 14" x 48" Radiused Edge Transaction Surface.....	14.06	
12 59 13 00-0193	EA	Reconfigure 14" x 60" Radiused Edge Transaction Surface.....	17.50	
12 59 13 00-0194	EA	Reconfigure 14" x 72" Radiused Edge Transaction Surface.....	21.01	
12 59 13 00-0195	EA	Reconfigure 14" Right Angle Corner Transaction Surface.....	36.75	
12 59 13 00-0196	EA	Reconfigure Transaction Surface Support.....	2.90	
12 59 13 00-0197	EA	Reconfigure 15-1/2" x 24" Hanging Shelf.....	10.73	
12 59 13 00-0198	EA	Reconfigure 15-1/2" x 36" Hanging Shelf.....	11.68	
12 59 13 00-0199	EA	Reconfigure 15-1/2" x 48" Hanging Shelf.....	12.48	
12 59 13 00-0200	EA	Reconfigure 24" Flipper Door And Shelf.....	18.52	
12 59 13 00-0201	EA	Reconfigure 36" Flipper Door And Shelf.....	21.62	
12 59 13 00-0202	EA	Reconfigure 48" Flipper Door And Shelf.....	24.80	
12 59 13 00-0203	EA	Reconfigure 24" Suspended Lateral File.....	63.51	
12 59 13 00-0204	EA	Reconfigure 30" Suspended Lateral File.....	67.08	
12 59 13 00-0205	EA	Reconfigure 36" Suspended Lateral File.....	70.78	
12 59 13 00-0206	EA	Reconfigure 48" Suspended Lateral File.....	77.42	
12 59 13 00-0207	EA	Reconfigure 24" x 36" Radiused Edge Corner Work Surface.....	36.56	

12 60 Multiple Seating ⁽¹²⁾**12 61 Fixed Audience Seating** ^(12 60)**12 61 13 Upholstered Audience Seating** ^(12 61)**12 61 13 00-0001 Upholstered Audience Seating** ^(12 61 13)

12 61 13 00-0002	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Marquee 51.12.00.4).....	597.64	47.81
		Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		<i>For >100 To 249, Deduct</i>	-74.06	
		<i>For >249 To 749, Deduct</i>	-88.87	
		<i>For >749, Deduct</i>	-98.74	
		<i>For Up To 9, Add</i>	804.73	
		<i>For >9 To 24, Add</i>	320.91	
		<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	26.39	
		<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	31.84	
12 61 13 00-0003	EA	Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Marquee 51.12.10.4).....	629.58	47.81
		Note: Includes Marquee back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
		<i>For >100 To 249, Deduct</i>	-78.85	
		<i>For >249 To 749, Deduct</i>	-94.62	
		<i>For >749, Deduct</i>	-105.13	
		<i>For Up To 9, Add</i>	804.23	
		<i>For >9 To 24, Add</i>	320.64	
		<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	26.39	
		<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	31.84	
12 61 13 00-0004	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Saturn 22.12.00.4).....	774.52	47.81
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
		<i>For >100 To 249, Deduct</i>	-100.59	
		<i>For >249 To 749, Deduct</i>	-120.70	
		<i>For >749, Deduct</i>	-134.12	
		<i>For Up To 9, Add</i>	804.70	
		<i>For >9 To 24, Add</i>	321.88	
		<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	26.39	
		<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	31.84	
12 61 13 00-0005	EA	Upholstered Seat, Upholstered Back With Veneer Surfaced Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Insert Aisle Panel (Irwin Saturn 22.12.10.4).....	806.89	47.81
		Note: Includes Saturn back with veneer surfaced rear panel and exposed fasteners, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with veneer insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms		
		<i>For >100 To 249, Deduct</i>	-105.44	
		<i>For >249 To 749, Deduct</i>	-126.53	
		<i>For >749, Deduct</i>	-140.59	
		<i>For Up To 9, Add</i>	801.36	
		<i>For >9 To 24, Add</i>	323.36	
		<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	26.39	
		<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	31.84	

Furnishings	12	12
Multiple Seating	12 60	
Fixed Audience Seating	12 61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61 13 00-0006 EA Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Citation 90.12.00.4)	521.71	47.81
Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, open aisle standards, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
For >100 To 249, Deduct	-62.67	
For >249 To 749, Deduct	-75.20	
For >749, Deduct	-83.55	
For Up To 9, Add	806.30	
For >9 To 24, Add	321.68	
For Expansion Anchor Mounting With Anchor Caps, Add	26.39	
For Epoxy Anchor Mounting With Anchor Caps, Add	31.84	
12 61 13 00-0007 EA Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Insert Aisle Panel (Irwin Citation 90.12.10.4)	528.09	47.81
Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 10 aisle panel with laminate insert panel, number 4 steel chair platform, floor mount, and comfort curved polymer arms.		
For >100 To 249, Deduct	-63.62	
For >249 To 749, Deduct	-76.35	
For >749, Deduct	-84.63	
For Up To 9, Add	805.89	
For >9 To 24, Add	322.35	
For Expansion Anchor Mounting With Anchor Caps, Add	26.39	
For Epoxy Anchor Mounting With Anchor Caps, Add	31.84	
12 61 13 00-0008 EA Upholstered Seat, Upholstered Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Citation 90.12.86.4)	555.52	47.81
Note: Includes Citation back with polymer rear panel, upholstered cover over 2" foam, number 12 self rising seat with ergo substrate, number 86 laminate surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
For >100 To 249, Deduct	-67.74	
For >249 To 749, Deduct	-81.28	
For >749, Deduct	-90.32	
For Up To 9, Add	803.81	
For >9 To 24, Add	320.62	
For Expansion Anchor Mounting With Anchor Caps, Add	26.39	
For Epoxy Anchor Mounting With Anchor Caps, Add	31.84	
12 61 16 Molded-Plastic Audience Seating (12 61)		
12 61 16 00-0001 Molded-Plastic Audience Seating (12 61 16)		
12 61 16 00-0002 EA Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating (Irwin Patriot 30.52.00.30)	393.39	47.81
Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, open aisle standards, number 30 steel chair platform, floor mount, and polymer arms.		
For >100 To 249, Deduct	-43.42	
For >249 To 749, Deduct	-52.10	
For >749, Deduct	-57.89	
For Up To 9, Add	793.09	
For >9 To 24, Add	318.40	
For Expansion Anchor Mounting With Anchor Caps, Add	26.39	
For Epoxy Anchor Mounting With Anchor Caps, Add	31.84	
12 61 16 00-0003 EA Molded Polymer Seat, Molded Polymer Back, Number 30 Chair Platform, Fixed Audience Seating With Laminate Surfaced Aisle Panel (Irwin Patriot 30.52.36.30)	441.66	47.81
Note: Includes Patriot back, double wall polymer, number 52 self rising seat torsion spring seat lift, number 36 laminate surfaced aisle panel, number 30 steel chair platform, floor mount, and flat laminate surfaced arms.		
For >100 To 249, Deduct	-50.66	
For >249 To 749, Deduct	-60.79	
For >749, Deduct	-67.54	
For Up To 9, Add	793.64	
For >9 To 24, Add	317.46	
For Expansion Anchor Mounting With Anchor Caps, Add	26.39	
For Epoxy Anchor Mounting With Anchor Caps, Add	31.84	
12 61 19 Plywood/Hardwood Audience Seating (12 61)		
12 61 19 00-0001 Plywood/Hardwood Audience Seating (12 61 19)		
12 61 19 00-0002 EA Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating (Irwin Crusader 1.14.00.4)	627.69	47.81
Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, open aisle standards, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
For >100 To 249, Deduct	-78.56	
For >249 To 749, Deduct	-94.28	
For >749, Deduct	-104.75	
For Up To 9, Add	832.76	
For >9 To 24, Add	335.20	
For Expansion Anchor Mounting With Anchor Caps, Add	26.39	
For Epoxy Anchor Mounting With Anchor Caps, Add	31.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 61	19 00-0003	EA	Veneered Hardwood Seat, Veneered Hardwood Back With Polymer Rear Panel, Number 4 Chair Platform, Fixed Audience Seating With Veneer Surfaced Aisle Panel (Irwin Crusader 1.14.86.4)	653.60	47.81
			Note: Includes Crusader back, veneer surfaced, number 14 self rising seat, number 86 veneer surfaced aisle panel, number 4 steel chair platform, floor mount, and flat solid hardwood arms.		
			<i>For >100 To 249, Deduct</i>	-82.45	
			<i>For >249 To 749, Deduct</i>	-98.94	
			<i>For >749, Deduct</i>	-109.93	
			<i>For Up To 9, Add</i>	797.01	
			<i>For >9 To 24, Add</i>	318.80	
			<i>For Expansion Anchor Mounting With Anchor Caps, Add</i>	26.39	
			<i>For Epoxy Anchor Mounting With Anchor Caps, Add</i>	31.84	

12 61 21 Fixed Audience Seating Accessories ^(12 61)

12 61 21 00-0001	Fixed Audience Seating Accessories ^(12 61 21)			
12 61 21 00-0002	EA	100 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin).....	205.98	
		<i>For >100 To 249, Deduct</i>	-29.34	
		<i>For >249 To 749, Deduct</i>	-35.21	
		<i>For >749, Deduct</i>	-39.12	
12 61 21 00-0003	EA	120 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin).....	209.75	
		<i>For >100 To 249, Deduct</i>	-29.90	
		<i>For >249 To 749, Deduct</i>	-35.88	
		<i>For >749, Deduct</i>	-39.87	
12 61 21 00-0004	EA	151 Square Inch, Self Storing Writing Tablet For Number 4 Chair Platform, Fixed Audience Seating (Irwin).....	219.56	
		<i>For >100 To 249, Deduct</i>	-31.38	
		<i>For >249 To 749, Deduct</i>	-37.65	
		<i>For >749, Deduct</i>	-41.83	
12 61 21 00-0005	EA	98 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	205.98	
		<i>For >100 To 249, Deduct</i>	-29.34	
		<i>For >249 To 749, Deduct</i>	-35.21	
		<i>For >749, Deduct</i>	-39.12	
12 61 21 00-0006	EA	105 Square Inch, Tru-Fold Writing Tablet For Number 30 Chair Platform, Fixed Audience Seating (Irwin)	220.39	
		<i>For >100 To 249, Deduct</i>	-31.50	
		<i>For >249 To 749, Deduct</i>	-37.80	
		<i>For >749, Deduct</i>	-42.00	
12 61 21 00-0007	EA	Rubber Foot Shrouds For Number 4 Chair Platform (Per Chair), Fixed Audience Seating (Irwin).....	16.86	

12 62 Portable-Audience Seating ^(12 60)

12 62 23 Portable Bleachers ^(12 62)

12 62 23 00-0001	Metal Bleachers, Outdoor, Portable ^(12 62 23)			
		Note: Average seating is 18".		
12 62 23 00-0002	Non-Elevated Portable Aluminum Bleacher ^(12 62 23 00-0001)			
12 62 23 00-0003	SEA	2 To 5 Rows, Non-Elevated Portable Aluminum Bleacher Price Per Seat.....	142.83	4.18
		<i>For Each "Tip and Roll" Set (Includes Two Fixed Wheels), Add To Total Structure</i>	165.00	
		<i>For Each "Flip and Roll" Set (Includes Four Wheels), Add To Total Structure</i>	335.00	
12 62 23 00-0004	Non-Elevated Portable Aluminum Bleacher ^(12 62 23 00-0001)			
		Note: Includes side and back fence.		
12 62 23 00-0005	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher.....	188.22	4.18
		Note: Including side and back fence.		
		<i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	35.00	
12 62 23 00-0006	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher.....	214.72	4.39
		Note: Including side and back fence.		
		<i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	35.00	
12 62 23 00-0007	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher.....	224.14	4.60
		Note: Including side and back fence.		
		<i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	35.00	
12 62 23 00-0008	Non-Elevated Portable Aluminum Bleacher ^(12 62 23 00-0001)			
		Note: Includes side and back fence and center aisle with rails.		
12 62 23 00-0009	SEA	5 Rows, Non-Elevated Portable Aluminum Bleacher.....	295.58	4.71
		Note: Including side and back fence and center aisle with hand rails.		
		<i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	35.00	
12 62 23 00-0010	SEA	6 To 10 Rows, Non-Elevated Portable Aluminum Bleacher.....	338.11	4.94
		Note: Including side and back fence and center aisle with hand rails.		
		<i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	35.00	
12 62 23 00-0011	SEA	11 To 15 Rows, Non-Elevated Portable Aluminum Bleacher.....	366.80	5.23
		Note: Including side and back fence and center aisle with hand rails.		
		<i>For Elevated Structure (Includes Additional Front Rail, A Front Walkway With Stairways On Either Side, Double Foot Boards Between Rows), Add</i>	35.00	

12 66 Telescoping Stands ^(12 60)

Furnishings	12	12
Multiple Seating	12 60	
Telescoping Stands	12 66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66 13 Telescoping Bleachers <small>(12 66)</small>		
12 66 13 00-0001 Wall Mounted Telescoping Bleachers <small>(12 66 13)</small>		
<p>Note: Includes column cut-outs, manual operation, 10" plastic seats and cylinder lock. Excludes self storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts. See CSI section 12 66 13 00-0019 for additional optional accessories.</p>		
12 66 13 00-0002 SEA 3 To 10 Tier Telescoping Bleacher, 24" Row Spacing.....	238.80	22.29
For Aluminum Seating And Walks, Add	81.74	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0003 SEA 3 To 10 Tier Telescoping Bleacher, 25" - 26" Row Spacing	271.87	29.04
For Aluminum Seating And Walks, Add	94.56	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0004 SEA 3 To 10 Tier Telescoping Bleacher, 28" - 30" Row Spacing	308.08	29.95
For Aluminum Seating And Walks, Add	108.80	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0005 SEA 3 To 10 Tier Telescoping Bleacher, 31" - 33" Row Spacing	335.04	30.64
For Aluminum Seating And Walks, Add	118.87	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0006 SEA 11 To 20 Tier Telescoping Bleacher, 24" Row Spacing.....	245.57	22.29
For Aluminum Seating And Walks, Add	84.79	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0007 SEA 11 To 20 Tier Telescoping Bleacher, 25" - 26" Row Spacing	285.27	29.04
For Aluminum Seating And Walks, Add	100.59	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0008 SEA 11 To 20 Tier Telescoping Bleacher, 28" - 30" Row Spacing	326.24	29.95
For Aluminum Seating And Walks, Add	116.97	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0009 SEA 11 To 20 Tier Telescoping Bleacher, 31" - 33" Row Spacing	358.17	30.64
For Aluminum Seating And Walks, Add	129.28	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	
12 66 13 00-0010 SEA 21 To 30 Tier Telescoping Bleacher, 22" - 24" Row Spacing	252.39	22.29
For Aluminum Seating And Walks, Add	87.86	
For 10" Flat Plastic Seat Modules, Add	15.00	
For 10" Curved Plastic Seat Modules, Add	18.75	
For 14" Curved Plastic Seat Module, Add	22.50	
For >200 To 300, Deduct	-4.00	
For >300 To 400, Deduct	-8.00	
For >400 To 500, Deduct	-12.00	
For >500, Deduct	-16.00	

12 Furnishings**12 60 Multiple Seating****12 66 Telescoping Stands**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66	13 00-0011	SEA	21 To 30 Tier Telescoping Bleacher, 25" - 26" Row Spacing	298.67	29.04
			<i>For Aluminum Seating And Walks, Add</i>	106.62	
			<i>For 10" Flat Plastic Seat Modules, Add</i>	15.00	
			<i>For 10" Curved Plastic Seat Modules, Add</i>	18.75	
			<i>For 14" Curved Plastic Seat Module, Add</i>	22.50	
			<i>For >200 To 300, Deduct</i>	-4.00	
			<i>For >300 To 400, Deduct</i>	-8.00	
			<i>For >400 To 500, Deduct</i>	-12.00	
			<i>For >500, Deduct</i>	-16.00	
12 66	13 00-0012	SEA	21 To 30 Tier Telescoping Bleacher, 28" - 30" Row Spacing	344.58	29.95
			<i>For Aluminum Seating And Walks, Add</i>	125.22	
			<i>For 10" Flat Plastic Seat Modules, Add</i>	15.00	
			<i>For 10" Curved Plastic Seat Modules, Add</i>	18.75	
			<i>For 14" Curved Plastic Seat Module, Add</i>	22.50	
			<i>For >200 To 300, Deduct</i>	-4.00	
			<i>For >300 To 400, Deduct</i>	-8.00	
			<i>For >400 To 500, Deduct</i>	-12.00	
			<i>For >500, Deduct</i>	-16.00	
12 66	13 00-0013	SEA	21 To 30 Tier Telescoping Bleacher, 31" - 33" Row Spacing	407.43	30.64
			<i>For Aluminum Seating And Walks, Add</i>	139.62	
			<i>For 10" Flat Plastic Seat Modules, Add</i>	15.00	
			<i>For 10" Curved Plastic Seat Modules, Add</i>	18.75	
			<i>For 14" Curved Plastic Seat Module, Add</i>	22.50	
			<i>For >200 To 300, Deduct</i>	-4.00	
			<i>For >300 To 400, Deduct</i>	-8.00	
			<i>For >400 To 500, Deduct</i>	-12.00	
			<i>For >500, Deduct</i>	-16.00	
12 66	13 00-0014		Portable Telescoping Bleachers <small>(12 66 13)</small>		
			Note: Includes manual operation, 10" plastic seats and cylinder lock. Excludes self storing side rails, rear rails, rear panels or end panels. Based on gross seats. To calculate the quantity of gross seats, divide the length of the unit by 18" and then multiply by the number of rows in the unit. Do not subtract for aisles or handicap cutouts.		
12 66	13 00-0015	SEA	3 To 10 Tier Portable Bleacher, 24" Row Spacing.....	265.46	22.29
			<i>For Aluminum Seating And Walks, Add</i>	93.74	
			<i>For 10" Flat Plastic Seat Modules, Add</i>	15.00	
			<i>For 10" Curved Plastic Seat Modules, Add</i>	18.75	
			<i>For 14" Curved Plastic Seat Module, Add</i>	22.50	
			<i>For >200 To 300, Deduct</i>	-4.00	
			<i>For >300 To 400, Deduct</i>	-8.00	
			<i>For >400 To 500, Deduct</i>	-12.00	
			<i>For >500, Deduct</i>	-16.00	
12 66	13 00-0016	SEA	3 To 10 Tier Portable Bleacher, 25" - 26" Row Spacing	303.39	29.04
			<i>For Aluminum Seating And Walks, Add</i>	108.75	
			<i>For 10" Flat Plastic Seat Modules, Add</i>	15.00	
			<i>For 10" Curved Plastic Seat Modules, Add</i>	18.75	
			<i>For 14" Curved Plastic Seat Module, Add</i>	22.50	
			<i>For >200 To 300, Deduct</i>	-4.00	
			<i>For >300 To 400, Deduct</i>	-8.00	
			<i>For >400 To 500, Deduct</i>	-12.00	
			<i>For >500, Deduct</i>	-16.00	
12 66	13 00-0017	SEA	3 To 10 Tier Portable Bleacher, 28" - 30" Row Spacing	344.35	29.95
			<i>For Aluminum Seating And Walks, Add</i>	125.12	
			<i>For 10" Flat Plastic Seat Modules, Add</i>	15.00	
			<i>For 10" Curved Plastic Seat Modules, Add</i>	18.75	
			<i>For 14" Curved Plastic Seat Module, Add</i>	22.50	
			<i>For >200 To 300, Deduct</i>	-4.00	
			<i>For >300 To 400, Deduct</i>	-8.00	
			<i>For >400 To 500, Deduct</i>	-12.00	
			<i>For >500, Deduct</i>	-16.00	
12 66	13 00-0018	SEA	3 To 10 Tier Portable Bleacher, 31" - 33" Row Spacing	374.66	30.64
			<i>For Aluminum Seating And Walks, Add</i>	136.70	
			<i>For 10" Flat Plastic Seat Modules, Add</i>	15.00	
			<i>For 10" Curved Plastic Seat Modules, Add</i>	18.75	
			<i>For 14" Curved Plastic Seat Module, Add</i>	22.50	
			<i>For >200 To 300, Deduct</i>	-4.00	
			<i>For >300 To 400, Deduct</i>	-8.00	
			<i>For >400 To 500, Deduct</i>	-12.00	
			<i>For >500, Deduct</i>	-16.00	
12 66	13 00-0019		Options And Accessories <small>(12 66 13)</small>		
12 66	13 00-0020	EA	Removable Center Railing, Single Sphere.....	186.88	4.00
12 66	13 00-0021	LF	Removable Center Railing, Single Rail.....	64.48	4.00
12 66	13 00-0022	EA	Self Storing Side Railing	213.23	4.57
12 66	13 00-0023	LF	Rear Railing, Horizontal Or Vertical Rails	147.11	3.86
12 66	13 00-0024	SF	Rear Panel, Plywood With Metal Frame, Trim And Finish	13.99	1.15
12 66	13 00-0025	SF	End Panel, Plywood With Metal Frame, Trim And Finish.....	33.99	1.15
12 66	13 00-0026	SF	Rear Filler Panel	49.08	0.57
12 66	13 00-0027	EA	4' Scorer/Timer Table	395.61	19.43
12 66	13 00-0028	EA	8' Scorer/Timer Table	494.33	29.72
12 66	13 00-0029	EA	Portable Tractor For Wall Mounted Units.....	9,178.47	
12 66	13 00-0030	PR	Portable Dolly For Portable Units.....	10,295.46	
12 66	13 00-0031	SEA	For Each Additional Floor Above Or Below First Floor, Add For Installation.....	2.82	
12 66	13 00-0032	SEA	For Each Additional Floor Above Or Below First Floor, Add For Demolition.....	1.41	
12 66	13 00-0033	ROW	48" Aisle, 24" - 26" Row, With Non-Slip Tread.....	171.11	34.29
			<i>For Intermediate Steps, Add</i>	17.11	

Furnishings	12	12
Multiple Seating	12 60	
Telescoping Stands	12 66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
12 66 13 00-0034 ROW 48" Aisle, 28" - 33" Row, With Non-Slip Tread..... <i>For Intermediate Steps, Add</i>	457.34 45.73	45.72
12 66 13 00-0035 ROW Aisle Filler Panel, 24" - 26" Row, With Non-Slip Tread	135.59	14.29
12 66 13 00-0036 ROW Aisle Filler Panel, 28" - 33" Row, With Non-Slip Tread	99.09	14.29
12 66 13 00-0037 EA Single Handicap Cutout Seating With Railing	619.00	42.87
12 66 13 00-0038 EA Double Handicap Cutout Seating With Railing	1,268.04	62.87
12 66 13 00-0039 EA Portable Operator's Handle	352.58	

END OF SECTION 12

12	12	Furnishings
	12 60	Multiple Seating
	12 66	Telescoping Stands



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13 Special Construction

13 10 Special Facility Components ⁽¹³⁾

13 11 Swimming Pools ^(13 10)

13 11 46 Swimming Pool Accessories ^(13 11)

See CSI section 22 51 19 00-0043 for diatomite type filter system.

13 11 46 00-0001 Diving Stand ^(13 11 46)			
13 11 46 00-0002	EA Diving Stand, 3 M Galvanized Steel Swimming Pool Equipment.....	31,889.65	2,857.65
13 11 46 00-0003	EA Diving Stand, 3 M Stainless Steel Swimming Pool Equipment	39,309.13	2,857.65
13 11 46 00-0004	EA Diving Stand, 1 M Galvanized Steel Swimming Pool Equipment.....	19,067.02	1,143.06
13 11 46 00-0005	EA Diving Stand, 1 M Stainless Steel Swimming Pool Equipment	24,602.25	1,143.06
13 11 46 00-0006	EA Diving Stand, 1/2 M Galvanized Steel With Stainless Steel Rails.....	7,002.42	530.38
13 11 46 00-0007 Diving Boards ^(13 11 46)			
13 11 46 00-0008	EA 14' Long, Aluminum Diving Boards.....	6,859.35	422.93
	<i>For Wheel Adjuster, Add</i>	<i>117.27</i>	
13 11 46 00-0009	EA 14' Long, Fiberglass Diving Boards	5,717.05	422.93
	<i>For Wheel Adjuster, Add</i>	<i>117.27</i>	
13 11 46 00-0010	EA 8' Long, Fiberglass Diving Board	3,118.02	350.92
	<i>For Wheel Adjuster, Add</i>	<i>109.26</i>	
13 11 46 00-0011	EA 10' Long, Fiberglass Diving Board	4,117.20	374.92
	<i>For Wheel Adjuster, Add</i>	<i>111.92</i>	
13 11 46 00-0012	EA 12' Long, Fiberglass Diving Board.....	5,094.06	400.07
	<i>For Wheel Adjuster, Add</i>	<i>114.69</i>	
13 11 46 00-0013 Heavy Duty Ladders ^(13 11 46)			
13 11 46 00-0014	EA Ladders, 2 Tread, Galvanized Steel Swimming Pool Equipment.....	1,713.98	163.46
13 11 46 00-0015	EA Ladders, 2 Tread, Stainless Steel Swimming Pool Equipment	2,818.43	163.46
13 11 46 00-0016	EA Ladders, 4 Tread, Galvanized Steel Swimming Pool Equipment.....	1,966.62	188.61
13 11 46 00-0017	EA Ladders, 4 Tread, Stainless Steel Swimming Pool Equipment.....	3,472.83	188.61
13 11 46 00-0018 Lifeguard Chair ^(13 11 46)			
13 11 46 00-0019	EA Lifeguard Chair, Galvanized Swimming Pool Equipment.....	4,420.92	422.93
13 11 46 00-0020	EA Lifeguard Chair, Stainless Steel Swimming Pool Equipment.....	6,330.97	422.93
13 11 46 00-0021 Underwater Lights ^(13 11 46)			
13 11 46 00-0022	EA Lights, Underwater, 12 Volt, With Transformer Swimming Pool Equipment	446.85	136.03
13 11 46 00-0023	EA Lights, Underwater, 110 Volt, Swimming Pool Equipment.....	438.82	136.03
13 11 46 00-0024 Pool Covers ^(13 11 46)			
	Note: Includes cover straps and tension springs.		
13 11 46 00-0025	SF Pool Covers, Reinforced Polyethylene	13.86	5.75
13 11 46 00-0026	SF Pool Cover, Vinyl Water Tube	13.74	5.75
13 11 46 00-0027 Slides With Water Tube ^(13 11 46)			
13 11 46 00-0028	EA 5' Straight, Fiberglass Pool Slide	5,446.02	642.97
13 11 46 00-0029 Curved Slides With Water Tube ^(13 11 46)			
13 11 46 00-0030	EA 8' Curved Fiberglass Pool Slide With Continuous Flowing Water.....	10,588.56	874.78

13 12 Fountains ^(13 10)

13 12 13 Exterior Fountains ^(13 12)

13 12 13 00-0001 Fountains/Aerators ^(13 12 13)

13 12 13 00-0002	EA 1/2 HP Pump, Single Phase With 100' Cord.....	2,308.35	156.04
13 12 13 00-0003	EA 3/4 HP Pump, Single Phase With 100' Cord.....	2,553.77	159.47
13 12 13 00-0004	EA 1 HP Pump, Single Phase With 100' Cord.....	2,587.05	163.33
13 12 13 00-0005	EA 1-1/2 HP Pump, Single Phase With 100' Cord.....	2,715.14	167.19
13 12 13 00-0006	EA 2 HP Pump, Single Phase With 100' Cord.....	2,844.25	171.48
13 12 13 00-0007	EA 5 HP Pump, Three Phase With 200' Cord	6,123.05	175.76
13 12 13 00-0008	EA 7-1/2 HP Pump, Three Phase With 200' Cord	7,011.13	180.47
13 12 13 00-0009	EA 10 HP Pump, Three Phase With 200' Cord	7,780.80	185.19
13 12 13 00-0010	EA 15 HP Pump, Three Phase With 200' Cord	9,853.97	190.34
13 12 13 00-0011	EA Aerator Nozzle	859.37	85.73

13 20 Special Purpose Rooms ⁽¹³⁾

13	13 Special Construction
	13 20 Special Purpose Rooms
	13 12 Fountains

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13 21 Controlled Environment Rooms (13 20)

13 21 26 Cold Storage Rooms (13 21)

13 21 26 13 Walk-in Coolers (13 21 26)

See CSI section 11 41 23 00-0000 for walk-in coolers.

13 30 Special Structures (13)

13 34 Fabricated Engineered Structures (13 30)

13 34 16 Grandstands and Bleachers (13 34)

13 34 16 13 Grandstands (13 34 16)

13 34 16 13-0001 Permanent Grandstands, Wood Seat, Steel Frame (13 34 16 13)

13 34 16 13-0002 3 To 15 Tiers (13 34 16 13-0001)

13 34 16 13-0003 SEA 3-15 Tier Permanent Grandstand Price Per Seat81.34 8.36

13 34 16 13-0004 16 To 30 Tiers (13 34 16 13-0001)

13 34 16 13-0005 SEA 16-30 Tier Permanent Grandstand Price Per Seat124.84 9.41

13 34 19 Metal Building Systems (13 34)

Note: Includes material, delivery to site, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site.

13 34 19 00-0001 Pre-Engineered Metal Buildings (13 34 19)

Note: Free standing base buildings have a live load of 12 PSF and a wind load of 16.4 PSF (80 MPH). Includes anchoring and fasteners to concrete foundation. Includes design for foundation footings and piers. Includes a prime coated structural frame, painted steel wall panels 26 gauge, standing seam roof panels 26 gauge, roof 1 in 12 slope. Includes material, delivery to site, lifting equipment (crane) for erection, factory design analysis with report, engineered foundation design, shop drawings, and assembly of building on site. Eave height is measured from the top of slab to the underside of the roof deck. Excludes foundations, slab and anchor bolts embedded in concrete. See CSI section 03 15 19 00-0001 for cast in concrete anchors, 03 31 13 00-0001 for concrete slab, 03 31 13 00-0010 for concrete foundations, 13 34 19 00-0109 for metal building options.

13 34 19 00-0002 Clear Span Rigid Frame Pre-Engineered Metal Buildings (13 34 19 00-0001)

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0003 20' To 30' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings (13 34 19 00-0002)

13 34 19 00-0004 GSF 10' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding.....29.28 7.37

- For 20' To 29' In Length Only, Add 3.58
- For 30' To 49' In Length Only, Add 2.82
- For 50' To 69' In Length Only, Add 1.65
- For 70' To 99' In Length Only, Add 0.68
- For >1 In 12 Slope To 3 In 12 Slope, Add 0.88
- For >3 In 12 Slope To 5 In 12 Slope, Add 1.46
- For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add 2.20
- For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add 2.85
- For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 3.51
- For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 5.56
- For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add 7.03
- For Single Slope Frame Roof, Add 1.89
- For Each SF Of 24 Gauge Wall Panel, Add 0.86
- For Each SF Of Lap Roof, Deduct -0.76
- For Each SF Of Hip Roof, Add 1.02
- For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired) -1.97

13 34 19 00-0005 GSF 12' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding.....31.31 8.10

- For 20' To 29' In Length Only, Add 3.69
- For 30' To 49' In Length Only, Add 2.90
- For 50' To 69' In Length Only, Add 1.70
- For 70' To 99' In Length Only, Add 0.70
- For >1 In 12 Slope To 3 In 12 Slope, Add 0.94
- For >3 In 12 Slope To 5 In 12 Slope, Add 1.57
- For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add 2.35
- For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add 3.05
- For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 3.76
- For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add 5.95
- For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add 7.51
- For Single Slope Frame Roof, Add 1.94
- For Each SF Of 24 Gauge Wall Panel, Add 0.91
- For Each SF Of Lap Roof, Deduct -0.76
- For Each SF Of Hip Roof, Add 1.11
- For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired) -1.97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0006 GSF 14' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	33.57	8.94
For 20' To 29' In Length Only, Add	3.79	
For 30' To 49' In Length Only, Add	2.98	
For 50' To 69' In Length Only, Add	1.74	
For 70' To 99' In Length Only, Add	0.72	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.01	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.68	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.52	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.27	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.03	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.38	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	8.06	
For Single Slope Frame Roof, Add	2.00	
For Each SF Of 24 Gauge Wall Panel, Add	0.97	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.21	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0007 GSF 16' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	36.09	9.77
For 20' To 29' In Length Only, Add	3.97	
For 30' To 49' In Length Only, Add	3.12	
For 50' To 69' In Length Only, Add	1.82	
For 70' To 99' In Length Only, Add	0.75	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.08	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.80	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.71	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.52	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.33	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.86	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	8.66	
For Single Slope Frame Roof, Add	2.09	
For Each SF Of 24 Gauge Wall Panel, Add	1.04	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.32	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0008 GSF 18' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	38.70	10.62
For 20' To 29' In Length Only, Add	4.18	
For 30' To 49' In Length Only, Add	3.28	
For 50' To 69' In Length Only, Add	1.92	
For 70' To 99' In Length Only, Add	0.79	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.16	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.94	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.90	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.77	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.64	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	7.35	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	9.29	
For Single Slope Frame Roof, Add	2.20	
For Each SF Of 24 Gauge Wall Panel, Add	1.11	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.42	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0009 GSF 20' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	42.73	11.40
For 20' To 29' In Length Only, Add	4.82	
For 30' To 49' In Length Only, Add	3.79	
For 50' To 69' In Length Only, Add	2.21	
For 70' To 99' In Length Only, Add	0.91	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.28	
For >3 In 12 Slope To 5 In 12 Slope, Add	2.14	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	3.20	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	4.17	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.13	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	8.12	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	10.26	
For Single Slope Frame Roof, Add	2.54	
For Each SF Of 24 Gauge Wall Panel, Add	1.24	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.52	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0010 GSF 24' Eave Height, 20' To 30' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	47.87	13.08
For 20' To 29' In Length Only, Add	5.24	
For 30' To 49' In Length Only, Add	4.11	
For 50' To 69' In Length Only, Add	2.41	
For 70' To 99' In Length Only, Add	0.99	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.44	
For >3 In 12 Slope To 5 In 12 Slope, Add	2.39	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	3.59	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	4.67	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.74	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	9.10	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	11.49	
For Single Slope Frame Roof, Add	2.76	
For Each SF Of 24 Gauge Wall Panel, Add	1.38	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.72	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0011 >30' To 50' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings <small>(13 34 19 00-0002)</small>		

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
13 34 19 00-0012	GSF 10' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	25.03	5.86
	For 30' To 49' In Length Only, Add	2.63	
	For 50' To 69' In Length Only, Add	1.54	
	For 70' To 99' In Length Only, Add	0.63	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.75	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.25	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.88	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.44	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.00	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.76	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.01	
	For Single Slope Frame Roof, Add	1.76	
	For Each SF Of 24 Gauge Wall Panel, Add	0.74	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.83	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0013	GSF 12' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	26.65	6.39
	For 30' To 49' In Length Only, Add	2.71	
	For 50' To 69' In Length Only, Add	1.58	
	For 70' To 99' In Length Only, Add	0.65	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.80	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.33	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.00	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.60	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.20	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.06	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.40	
	For Single Slope Frame Roof, Add	1.81	
	For Each SF Of 24 Gauge Wall Panel, Add	0.79	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.90	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0014	GSF 14' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	28.04	6.92
	For 30' To 49' In Length Only, Add	2.76	
	For 50' To 69' In Length Only, Add	1.62	
	For 70' To 99' In Length Only, Add	0.67	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.84	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.40	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.10	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.73	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.36	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.33	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.73	
	For Single Slope Frame Roof, Add	1.85	
	For Each SF Of 24 Gauge Wall Panel, Add	0.82	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.96	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0015	GSF 16' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	30.07	7.54
	For 30' To 49' In Length Only, Add	2.91	
	For 50' To 69' In Length Only, Add	1.70	
	For 70' To 99' In Length Only, Add	0.70	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.90	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.50	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.26	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.93	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.61	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.71	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	7.22	
	For Single Slope Frame Roof, Add	1.95	
	For Each SF Of 24 Gauge Wall Panel, Add	0.88	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	1.04	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0016	GSF 18' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	32.61	8.10
	For 30' To 49' In Length Only, Add	3.19	
	For 50' To 69' In Length Only, Add	1.87	
	For 70' To 99' In Length Only, Add	0.77	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.98	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.63	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.45	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.18	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.91	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.20	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	7.83	
	For Single Slope Frame Roof, Add	2.14	
	For Each SF Of 24 Gauge Wall Panel, Add	0.96	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	1.11	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0017 GSF 20' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	34.90	8.66
For 30' To 49' In Length Only, Add	3.39	
For 50' To 69' In Length Only, Add	1.98	
For 70' To 99' In Length Only, Add	0.82	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.05	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.75	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.62	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.40	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.19	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.63	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	8.38	
For Single Slope Frame Roof, Add	2.27	
For Each SF Of 24 Gauge Wall Panel, Add	1.02	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.19	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0018 GSF 24' Eave Height, >30' To 50' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	38.16	9.77
For 30' To 49' In Length Only, Add	3.58	
For 50' To 69' In Length Only, Add	2.10	
For 70' To 99' In Length Only, Add	0.86	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.14	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.91	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.86	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.72	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.58	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	7.25	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	9.16	
For Single Slope Frame Roof, Add	2.40	
For Each SF Of 24 Gauge Wall Panel, Add	1.11	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.32	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0019 >50' To 100' Wide Clear Span Rigid Frame Pre-Engineered Metal Buildings		
<small>(13 34 19 00-0002)</small>		
13 34 19 00-0020 GSF 10' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	19.51	4.08
For 30' To 49' In Length Only, Add	2.30	
For 50' To 69' In Length Only, Add	1.35	
For 70' To 99' In Length Only, Add	0.55	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.59	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.98	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.46	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.90	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.34	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.71	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.68	
For Single Slope Frame Roof, Add	1.54	
For Each SF Of 24 Gauge Wall Panel, Add	0.59	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.61	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0021 GSF 12' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	20.30	4.29
For 30' To 49' In Length Only, Add	2.37	
For 50' To 69' In Length Only, Add	1.39	
For 70' To 99' In Length Only, Add	0.57	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.61	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.02	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.52	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.98	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.44	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.86	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.87	
For Single Slope Frame Roof, Add	1.59	
For Each SF Of 24 Gauge Wall Panel, Add	0.61	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.63	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0022 GSF 14' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	21.09	4.49
For 30' To 49' In Length Only, Add	2.44	
For 50' To 69' In Length Only, Add	1.43	
For 70' To 99' In Length Only, Add	0.59	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.63	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.05	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.58	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.06	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.53	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.01	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.06	
For Single Slope Frame Roof, Add	1.64	
For Each SF Of 24 Gauge Wall Panel, Add	0.64	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.66	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

13 34 19 00-0023	GSF 16' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	23.29	5.20
	For 30' To 49' In Length Only, Add	2.58	
	For 50' To 69' In Length Only, Add	1.51	
	For 70' To 99' In Length Only, Add	0.62	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.70	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.16	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.75	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.27	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.79	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.43	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.59	
	For Single Slope Frame Roof, Add	1.73	
	For Each SF Of 24 Gauge Wall Panel, Add	0.70	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.75	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0024	GSF 18' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	25.03	5.78
	For 30' To 49' In Length Only, Add	2.67	
	For 50' To 69' In Length Only, Add	1.56	
	For 70' To 99' In Length Only, Add	0.64	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.75	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.25	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.88	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.44	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.00	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.76	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.01	
	For Single Slope Frame Roof, Add	1.79	
	For Each SF Of 24 Gauge Wall Panel, Add	0.75	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.82	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0025	GSF 20' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	26.69	6.37
	For 30' To 49' In Length Only, Add	2.74	
	For 50' To 69' In Length Only, Add	1.60	
	For 70' To 99' In Length Only, Add	0.66	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.80	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.33	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.00	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.60	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.20	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.07	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.41	
	For Single Slope Frame Roof, Add	1.84	
	For Each SF Of 24 Gauge Wall Panel, Add	0.79	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.89	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0026	GSF 24' Eave Height, >50' To 100' Wide Clear Span Rigid Frame Building With 26 Gauge Roofing And Siding	29.75	7.20
	For 30' To 49' In Length Only, Add	3.00	
	For 50' To 69' In Length Only, Add	1.76	
	For 70' To 99' In Length Only, Add	0.72	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.89	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.49	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.23	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.90	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.57	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.65	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	7.14	
	For Single Slope Frame Roof, Add	2.01	
	For Each SF Of 24 Gauge Wall Panel, Add	0.88	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	1.00	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0027	Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings (13 34 19 00-0001)		
	Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.		
13 34 19 00-0028	20' To 30' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings (13 34 19 00-0027)		
13 34 19 00-0029	GSF 10' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	25.41	5.86
	For 20' To 29' In Length Only, Add	3.45	
	For 30' To 49' In Length Only, Add	2.71	
	For 50' To 69' In Length Only, Add	1.59	
	For 70' To 99' In Length Only, Add	0.65	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.76	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.27	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.91	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.48	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.05	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.83	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.10	
	For Each SF Of 24 Gauge Wall Panel, Add	0.76	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.83	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0030 GSF 12' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	27.29	6.40
For 20' To 29' In Length Only, Add	3.65	
For 30' To 49' In Length Only, Add	2.86	
For 50' To 69' In Length Only, Add	1.68	
For 70' To 99' In Length Only, Add	0.69	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.82	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.36	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.05	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.66	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.27	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.19	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.55	
For Each SF Of 24 Gauge Wall Panel, Add	0.81	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.90	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0031 GSF 14' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	29.13	6.92
For 20' To 29' In Length Only, Add	3.83	
For 30' To 49' In Length Only, Add	3.01	
For 50' To 69' In Length Only, Add	1.76	
For 70' To 99' In Length Only, Add	0.73	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.87	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.46	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.18	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.84	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.50	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.53	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.99	
For Each SF Of 24 Gauge Wall Panel, Add	0.86	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.96	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0032 GSF 16' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	31.52	7.54
For 20' To 29' In Length Only, Add	4.11	
For 30' To 49' In Length Only, Add	3.23	
For 50' To 69' In Length Only, Add	1.89	
For 70' To 99' In Length Only, Add	0.78	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.95	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.58	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.36	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.07	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.78	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.99	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	7.56	
For Each SF Of 24 Gauge Wall Panel, Add	0.93	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.04	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0033 GSF 18' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	33.62	8.13
For 20' To 29' In Length Only, Add	4.33	
For 30' To 49' In Length Only, Add	3.40	
For 50' To 69' In Length Only, Add	1.99	
For 70' To 99' In Length Only, Add	0.82	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.01	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.68	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.52	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.28	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.03	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.39	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	8.07	
For Each SF Of 24 Gauge Wall Panel, Add	0.99	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.11	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0034 GSF 20' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding	35.70	8.71
For 20' To 29' In Length Only, Add	4.55	
For 30' To 49' In Length Only, Add	3.57	
For 50' To 69' In Length Only, Add	2.09	
For 70' To 99' In Length Only, Add	0.86	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.07	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.79	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.68	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.48	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.28	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.78	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	8.57	
For Each SF Of 24 Gauge Wall Panel, Add	1.05	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.19	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

13 34 19 00-0035	GSF 24' Eave Height, 20' To 30' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	40.01	9.94
	For 20' To 29' In Length Only, Add	4.98	
	For 30' To 49' In Length Only, Add	3.91	
	For 50' To 69' In Length Only, Add	2.29	
	For 70' To 99' In Length Only, Add	0.94	
	For >1 In 12 Slope To 3 In 12 Slope, Add	1.20	
	For >3 In 12 Slope To 5 In 12 Slope, Add	2.00	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	3.00	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.90	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.80	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	7.60	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	9.60	
	For Each SF Of 24 Gauge Wall Panel, Add	1.17	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	1.34	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 34 19 00-0036 >30' To 50' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings
(13 34 19 00-0027)

13 34 19 00-0037	GSF 10' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	22.90	5.20
	For 30' To 49' In Length Only, Add	2.49	
	For 50' To 69' In Length Only, Add	1.46	
	For 70' To 99' In Length Only, Add	0.60	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.69	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.15	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.72	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.23	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.75	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.35	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.50	
	For Each SF Of 24 Gauge Wall Panel, Add	0.68	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.75	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0038	GSF 12' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	24.44	5.67
	For 30' To 49' In Length Only, Add	2.60	
	For 50' To 69' In Length Only, Add	1.52	
	For 70' To 99' In Length Only, Add	0.63	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.73	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.22	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.83	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.38	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.93	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.64	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.87	
	For Each SF Of 24 Gauge Wall Panel, Add	0.73	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.81	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0039	GSF 14' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	25.97	6.14
	For 30' To 49' In Length Only, Add	2.70	
	For 50' To 69' In Length Only, Add	1.58	
	For 70' To 99' In Length Only, Add	0.65	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.78	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.30	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.95	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.53	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.12	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.93	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.23	
	For Each SF Of 24 Gauge Wall Panel, Add	0.77	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.87	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0040	GSF 16' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	27.62	6.59
	For 30' To 49' In Length Only, Add	2.84	
	For 50' To 69' In Length Only, Add	1.66	
	For 70' To 99' In Length Only, Add	0.68	
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.83	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.38	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.07	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.69	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.31	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.25	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.63	
	For Each SF Of 24 Gauge Wall Panel, Add	0.82	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.92	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0041 GSF 18' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	29.28	7.07
For 30' To 49' In Length Only, Add	2.97	
For 50' To 69' In Length Only, Add	1.74	
For 70' To 99' In Length Only, Add	0.72	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.88	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.46	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.20	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.85	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.51	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.56	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	7.03	
For Each SF Of 24 Gauge Wall Panel, Add	0.86	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.98	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0042 GSF 20' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	30.93	7.54
For 30' To 49' In Length Only, Add	3.10	
For 50' To 69' In Length Only, Add	1.81	
For 70' To 99' In Length Only, Add	0.75	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.93	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.55	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.32	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.02	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.71	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.88	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	7.42	
For Each SF Of 24 Gauge Wall Panel, Add	0.91	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.04	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0043 GSF 24' Eave Height, >30' To 50' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	34.65	8.60
For 30' To 49' In Length Only, Add	3.39	
For 50' To 69' In Length Only, Add	1.98	
For 70' To 99' In Length Only, Add	0.82	
For >1 In 12 Slope To 3 In 12 Slope, Add	1.04	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.73	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.60	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	3.38	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.16	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	6.58	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	8.32	
For Each SF Of 24 Gauge Wall Panel, Add	1.02	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	1.17	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0044 >50' To 80' Wide Clear Span Tapered Beam Frame Pre-Engineered Metal Buildings		
<small>(13 34 19 00-0027)</small>		
13 34 19 00-0045 GSF 10' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	19.87	4.08
For 30' To 49' In Length Only, Add	2.38	
For 50' To 69' In Length Only, Add	1.39	
For 70' To 99' In Length Only, Add	0.57	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.60	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.99	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.49	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.94	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.38	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.78	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.77	
For Each SF Of 24 Gauge Wall Panel, Add	0.60	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.61	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0046 GSF 12' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	20.94	4.36
For 30' To 49' In Length Only, Add	2.48	
For 50' To 69' In Length Only, Add	1.45	
For 70' To 99' In Length Only, Add	0.60	
For >1 In 12 Slope To 3 In 12 Slope, Add	0.63	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.05	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.57	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.04	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.51	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.98	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.03	
For Each SF Of 24 Gauge Wall Panel, Add	0.63	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.64	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0047	GSF		14' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	21.99	4.63
			For 30' To 49' In Length Only, Add	2.57	
			For 50' To 69' In Length Only, Add	1.50	
			For 70' To 99' In Length Only, Add	0.62	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.66	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.10	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.65	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.14	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.64	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.18	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.28	
			For Each SF Of 24 Gauge Wall Panel, Add	0.66	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.68	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0048	GSF		16' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	23.12	4.92
			For 30' To 49' In Length Only, Add	2.68	
			For 50' To 69' In Length Only, Add	1.57	
			For 70' To 99' In Length Only, Add	0.65	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.69	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.16	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.73	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.25	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.77	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.39	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.55	
			For Each SF Of 24 Gauge Wall Panel, Add	0.70	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.71	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0049	GSF		18' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	24.55	5.25
			For 30' To 49' In Length Only, Add	2.83	
			For 50' To 69' In Length Only, Add	1.66	
			For 70' To 99' In Length Only, Add	0.68	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.74	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.23	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.84	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.39	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.95	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.66	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.89	
			For Each SF Of 24 Gauge Wall Panel, Add	0.74	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.75	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0050	GSF		20' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	25.84	5.53
			For 30' To 49' In Length Only, Add	2.98	
			For 50' To 69' In Length Only, Add	1.74	
			For 70' To 99' In Length Only, Add	0.72	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.78	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.29	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.94	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.52	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.10	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.91	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.20	
			For Each SF Of 24 Gauge Wall Panel, Add	0.78	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.79	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0051	GSF		24' Eave Height, >50' To 80' Wide Clear Span Tapered Beam Frame Building With 26 Gauge Roofing And Siding.....	28.83	6.28
			For 30' To 49' In Length Only, Add	3.27	
			For 50' To 69' In Length Only, Add	1.91	
			For 70' To 99' In Length Only, Add	0.79	
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.86	
			For >3 In 12 Slope To 5 In 12 Slope, Add	1.44	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	2.16	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.81	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.46	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.48	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.92	
			For Each SF Of 24 Gauge Wall Panel, Add	0.87	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.88	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 34 19 00-0052 Single Post 2-Span Frame Pre-Engineered Metal Buildings (13 34 19 00-0001)

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0053 Up To 60' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings

(13 34 19 00-0052)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0054 GSF 14' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	20.84	4.80
For >1 In 12 Slope To 3 In 12 Slope, Add	0.63	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.04	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.56	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.03	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.50	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.96	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.00	
For Each SF Of 24 Gauge Wall Panel, Add	0.62	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.70	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0055 GSF 16' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	22.24	5.14
For >1 In 12 Slope To 3 In 12 Slope, Add	0.67	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.11	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.67	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.17	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.67	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.23	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.34	
For Each SF Of 24 Gauge Wall Panel, Add	0.66	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.74	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0056 GSF 18' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	23.35	5.42
For >1 In 12 Slope To 3 In 12 Slope, Add	0.70	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.17	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.75	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.28	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.80	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.44	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.60	
For Each SF Of 24 Gauge Wall Panel, Add	0.69	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.78	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0057 GSF 20' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	24.45	5.69
For >1 In 12 Slope To 3 In 12 Slope, Add	0.73	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.22	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.83	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.38	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.93	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.65	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.87	
For Each SF Of 24 Gauge Wall Panel, Add	0.73	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.81	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0058 GSF 24' Eave Height, Up To 60' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	26.49	6.19
For >1 In 12 Slope To 3 In 12 Slope, Add	0.79	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.32	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.99	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.58	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.18	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	5.03	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	6.36	
For Each SF Of 24 Gauge Wall Panel, Add	0.79	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.87	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0059 >60' To 80' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings (13 34 19 00-0052)		
13 34 19 00-0060 GSF 14' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	19.31	4.25
For >1 In 12 Slope To 3 In 12 Slope, Add	0.58	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.97	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.45	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.88	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.32	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.67	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.63	
For Each SF Of 24 Gauge Wall Panel, Add	0.58	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.63	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0061 GSF 16' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	20.55	4.52
For >1 In 12 Slope To 3 In 12 Slope, Add	0.62	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.03	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.54	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.00	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.47	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.90	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.93	
For Each SF Of 24 Gauge Wall Panel, Add	0.62	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.66	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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13 34 19 00-0062	GSF		18' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	21.66	4.80
			<i>For >1 In 12 Slope To 3 In 12 Slope, Add</i>	0.65	
			<i>For >3 In 12 Slope To 5 In 12 Slope, Add</i>	1.08	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.62	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	2.11	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.60	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	4.12	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	5.20	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.65	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.70	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	
13 34 19 00-0063	GSF		20' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	22.63	5.03
			<i>For >1 In 12 Slope To 3 In 12 Slope, Add</i>	0.68	
			<i>For >3 In 12 Slope To 5 In 12 Slope, Add</i>	1.13	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.70	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	2.21	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.72	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	4.30	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	5.43	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.68	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.73	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	
13 34 19 00-0064	GSF		24' Eave Height, >60' To 80' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	24.50	5.48
			<i>For >1 In 12 Slope To 3 In 12 Slope, Add</i>	0.74	
			<i>For >3 In 12 Slope To 5 In 12 Slope, Add</i>	1.23	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.84	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	2.39	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.94	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	4.66	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	5.88	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.73	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.78	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	

13 34 19 00-0065 >80' To 100' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings
(13 34 19 00-0052)

13 34 19 00-0066	GSF		14' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	17.87	3.74
			<i>For >1 In 12 Slope To 3 In 12 Slope, Add</i>	0.54	
			<i>For >3 In 12 Slope To 5 In 12 Slope, Add</i>	0.89	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.34	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	1.74	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.14	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	3.40	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	4.29	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.54	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.57	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	
13 34 19 00-0067	GSF		16' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	18.74	3.91
			<i>For >1 In 12 Slope To 3 In 12 Slope, Add</i>	0.56	
			<i>For >3 In 12 Slope To 5 In 12 Slope, Add</i>	0.94	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.41	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	1.83	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.25	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	3.56	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	4.50	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.57	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.59	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	
13 34 19 00-0068	GSF		18' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	19.73	4.14
			<i>For >1 In 12 Slope To 3 In 12 Slope, Add</i>	0.59	
			<i>For >3 In 12 Slope To 5 In 12 Slope, Add</i>	0.99	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.48	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	1.92	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.37	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	3.75	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	4.74	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.60	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.62	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	
13 34 19 00-0069	GSF		20' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	20.57	4.31
			<i>For >1 In 12 Slope To 3 In 12 Slope, Add</i>	0.62	
			<i>For >3 In 12 Slope To 5 In 12 Slope, Add</i>	1.03	
			<i>For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add</i>	1.54	
			<i>For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add</i>	2.01	
			<i>For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	2.47	
			<i>For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add</i>	3.91	
			<i>For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add</i>	4.94	
			<i>For Each SF Of 24 Gauge Wall Panel, Add</i>	0.62	
			<i>For Each SF Of Lap Roof, Deduct</i>	-0.76	
			<i>For Each SF Of Hip Roof, Add</i>	0.64	
			<i>For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)</i>	-1.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0070 GSF 24' Eave Height, >80' To 100' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	22.28	4.69
For >1 In 12 Slope To 3 In 12 Slope, Add	0.67	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.11	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.67	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.17	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.67	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.23	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.35	
For Each SF Of 24 Gauge Wall Panel, Add	0.67	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.68	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0071 >100' To 120' Wide Single Post 2-Span Frame Pre-Engineered Metal Buildings <small>(13 34 19 00-0052)</small>		
13 34 19 00-0072 GSF 14' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	17.41	3.57
For >1 In 12 Slope To 3 In 12 Slope, Add	0.52	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.87	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.31	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.70	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.09	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.31	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.18	
For Each SF Of 24 Gauge Wall Panel, Add	0.53	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.55	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0073 GSF 16' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	18.11	3.74
For >1 In 12 Slope To 3 In 12 Slope, Add	0.54	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.91	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.36	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.77	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.17	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.44	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.35	
For Each SF Of 24 Gauge Wall Panel, Add	0.55	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.57	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0074 GSF 18' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	18.95	3.91
For >1 In 12 Slope To 3 In 12 Slope, Add	0.57	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.95	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.42	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.85	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.27	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.60	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.55	
For Each SF Of 24 Gauge Wall Panel, Add	0.57	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.59	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0075 GSF 20' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	19.74	4.08
For >1 In 12 Slope To 3 In 12 Slope, Add	0.59	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.99	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.48	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.92	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.37	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.75	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.74	
For Each SF Of 24 Gauge Wall Panel, Add	0.60	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.61	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0076 GSF 24' Eave Height, >100' To 120' Wide, Single Post 2-Span Frame Building With 26 Gauge Roofing And Siding.....	21.41	4.41
For >1 In 12 Slope To 3 In 12 Slope, Add	0.64	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.07	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.61	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.09	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.57	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.07	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.14	
For Each SF Of 24 Gauge Wall Panel, Add	0.65	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.65	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 34 19 00-0077 Double Post 3-Span Frame Pre-Engineered Metal Buildings (13 34 19 00-0001)

Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.

13 34 19 00-0078 Up To 120' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings (13 34 19 00-0077)

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

13 34 19 00-0079	GSF 14' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	17.29	3.74
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.52	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.86	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.30	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.69	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.07	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.29	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.15	
	For Each SF Of 24 Gauge Wall Panel, Add	0.52	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.57	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0080	GSF 16' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	17.97	3.91
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.54	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.90	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.35	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.75	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.16	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.41	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.31	
	For Each SF Of 24 Gauge Wall Panel, Add	0.54	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.59	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0081	GSF 18' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	18.04	3.80
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.54	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.90	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.35	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.76	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.16	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.43	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.33	
	For Each SF Of 24 Gauge Wall Panel, Add	0.55	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.57	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0082	GSF 20' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	18.76	3.97
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.56	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.94	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.41	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.83	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.25	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.56	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.50	
	For Each SF Of 24 Gauge Wall Panel, Add	0.57	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.59	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0083	GSF 24' Eave Height, Up To 120' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	21.06	4.25
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.63	
	For >3 In 12 Slope To 5 In 12 Slope, Add	1.05	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.58	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	2.05	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.53	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	4.00	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	5.05	
	For Each SF Of 24 Gauge Wall Panel, Add	0.64	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.63	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 34 19 00-0084 >120' To 150' Wide Double Post 3-Span Frame Pre-Engineered Metal Buildings
(13 34 19 00-0077)

13 34 19 00-0085	GSF 14' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	16.32	3.40
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.49	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.82	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.22	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.59	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.96	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.10	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.92	
	For Each SF Of 24 Gauge Wall Panel, Add	0.49	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.53	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0086	GSF 16' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding.....	16.87	3.52
	For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
	For >3 In 12 Slope To 5 In 12 Slope, Add	0.84	
	For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.27	
	For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.64	
	For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.02	
	For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.21	
	For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.05	
	For Each SF Of 24 Gauge Wall Panel, Add	0.51	
	For Each SF Of Lap Roof, Deduct	-0.76	
	For Each SF Of Hip Roof, Add	0.54	
	For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0087 GSF 18' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	17.51	3.66
For >1 In 12 Slope To 3 In 12 Slope, Add	0.53	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.88	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.31	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.71	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.10	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.33	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.20	
For Each SF Of 24 Gauge Wall Panel, Add	0.53	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.56	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0088 GSF 20' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	18.13	3.80
For >1 In 12 Slope To 3 In 12 Slope, Add	0.54	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.91	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.36	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.77	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.18	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.44	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.35	
For Each SF Of 24 Gauge Wall Panel, Add	0.55	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.57	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0089 GSF 24' Eave Height, >120' To 150' Wide, Double Post 3-Span Frame Building With 26 Gauge Roofing And Siding	20.40	4.08
For >1 In 12 Slope To 3 In 12 Slope, Add	0.61	
For >3 In 12 Slope To 5 In 12 Slope, Add	1.02	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.53	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.99	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.45	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.88	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.90	
For Each SF Of 24 Gauge Wall Panel, Add	0.62	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.61	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0090 Triple Post 4-Span Frame Pre-Engineered Metal Buildings <small>(13 34 19 00-0001)</small>		
<i>Note: Includes a primer coated structural frame, a painted 26 gauge exterior wall and roof.</i>		
13 34 19 00-0091 Up To 160' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building		
<small>(13 34 19 00-0090)</small>		
13 34 19 00-0092 GSF 14' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.66	3.24
For >1 In 12 Slope To 3 In 12 Slope, Add	0.47	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.78	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.17	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.53	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.88	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.98	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.76	
For Each SF Of 24 Gauge Wall Panel, Add	0.47	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.50	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0093 GSF 16' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.31	3.35
For >1 In 12 Slope To 3 In 12 Slope, Add	0.49	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.82	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.22	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.59	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.96	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.10	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.91	
For Each SF Of 24 Gauge Wall Panel, Add	0.49	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.52	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0094 GSF 18' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.87	3.46
For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.84	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.27	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.64	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.02	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.21	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.05	
For Each SF Of 24 Gauge Wall Panel, Add	0.51	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.53	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0095	GSF		20' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.39	3.57
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.52	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.87	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.30	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.70	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.09	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.30	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.17	
			For Each SF Of 24 Gauge Wall Panel, Add	0.53	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.55	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0096	GSF		24' Eave Height, Up To 160' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	19.68	3.91
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.59	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.98	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.48	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.92	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.36	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.74	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.72	
			For Each SF Of 24 Gauge Wall Panel, Add	0.60	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.59	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0097			>160' To 180' Wide Triple Post 4-Span Frame Pre-Engineered Metal Building <small>(13 34 19 00-0090)</small>		
13 34 19 00-0098	GSF		14' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.43	3.13
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.46	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.77	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.16	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.50	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.85	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.93	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.70	
			For Each SF Of 24 Gauge Wall Panel, Add	0.47	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.49	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0099	GSF		16' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.98	3.24
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.48	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.80	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.20	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.56	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.92	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.04	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.84	
			For Each SF Of 24 Gauge Wall Panel, Add	0.49	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.50	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0100	GSF		18' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.57	3.35
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.50	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.83	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.24	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.62	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.99	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.15	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.98	
			For Each SF Of 24 Gauge Wall Panel, Add	0.50	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.52	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0101	GSF		20' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	17.14	3.46
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.86	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.29	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.67	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.06	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.26	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.11	
			For Each SF Of 24 Gauge Wall Panel, Add	0.52	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.53	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0102	GSF		24' Eave Height, 160' To 180' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	19.30	3.74
			For >1 In 12 Slope To 3 In 12 Slope, Add	0.58	
			For >3 In 12 Slope To 5 In 12 Slope, Add	0.97	
			For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.45	
			For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.88	
			For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.32	
			For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.67	
			For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.63	
			For Each SF Of 24 Gauge Wall Panel, Add	0.59	
			For Each SF Of Lap Roof, Deduct	-0.76	
			For Each SF Of Hip Roof, Add	0.57	
			For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0103 >180' To 200' Wide Triple Post 4-Span Frame Pre-Engineered Metal Buildings <small>(13 34 19 00-0090)</small>		
13 34 19 00-0104 GSF 14' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.23	3.02
For >1 In 12 Slope To 3 In 12 Slope, Add	0.46	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.76	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.14	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.48	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.83	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.89	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.66	
For Each SF Of 24 Gauge Wall Panel, Add	0.46	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.48	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0105 GSF 16' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	15.68	3.13
For >1 In 12 Slope To 3 In 12 Slope, Add	0.47	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.78	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.18	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.53	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.88	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.98	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.76	
For Each SF Of 24 Gauge Wall Panel, Add	0.48	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.49	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0106 GSF 18' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.29	3.24
For >1 In 12 Slope To 3 In 12 Slope, Add	0.49	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.81	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.22	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.59	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	1.95	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.10	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	3.91	
For Each SF Of 24 Gauge Wall Panel, Add	0.50	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.50	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0107 GSF 20' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	16.88	3.35
For >1 In 12 Slope To 3 In 12 Slope, Add	0.51	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.84	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.27	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.65	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.03	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.21	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.05	
For Each SF Of 24 Gauge Wall Panel, Add	0.51	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.52	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0108 GSF 24' Eave Height, 180' To 200' Wide, Triple Post 4-Span Frame Building With 26 Gauge Roofing And Siding	19.07	3.63
For >1 In 12 Slope To 3 In 12 Slope, Add	0.57	
For >3 In 12 Slope To 5 In 12 Slope, Add	0.95	
For 20 PSF Live Load And 20 PSF (90 MPH) Wind Load, Add	1.43	
For 20 PSF Live Load And 25 PSF (100 MPH) Wind Load, Add	1.86	
For 20 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	2.29	
For 30 PSF Live Load And 30 PSF (110 MPH) Wind Load, Add	3.62	
For 30 PSF Live Load And 35 PSF (120 MPH) Wind Load, Add	4.58	
For Each SF Of 24 Gauge Wall Panel, Add	0.59	
For Each SF Of Lap Roof, Deduct	-0.76	
For Each SF Of Hip Roof, Add	0.55	
For Each SF Of Wall With No Girts And Wall Panels, Deduct (For use where different wall systems are desired)	-1.97	
13 34 19 00-0109 Metal Building Options <small>(13 34 19 00-0001)</small>		
Note: For use with metal buildings only. See CSI section 08 36 13 00-0013 for sectional doors, 08 51 13 00-0086 for sliding windows.		
13 34 19 00-0110 Metal Framing For Rough Openings <small>(13 34 19 00-0109)</small>		
Note: Excludes doors See CSI section 08 13 00 00-0000 for metal doors, 08 14 00 00-0000 for wood doors, 08 33 23 00-0000 for overhead coiling doors.		
13 34 19 00-0111 EA Single Door, Metal Frame Rough Opening	511.00	125.13
13 34 19 00-0112 EA Double Door, Metal Frame Rough Opening	780.41	162.00
13 34 19 00-0113 EA 10' x 10' Overhead Door, Metal Frame Rough Opening	929.02	153.61
13 34 19 00-0114 EA 12' x 12' Overhead Door, Metal Frame Rough Opening	1,004.08	156.41
13 34 19 00-0115 EA 14' x 14' Overhead Door, Metal Frame Rough Opening	1,066.72	162.00
13 34 19 00-0116 EA Up To 12 SF, Window Opening, Metal Frame Rough Opening	490.94	125.13
13 34 19 00-0117 EA >12 To 18 SF, Window Opening, Metal Frame Rough Opening	551.12	142.23
13 34 19 00-0118 LF Additional Girts	12.43	
13 34 19 00-0119 Wall Panel Options For Metal Buildings <small>(13 34 19 00-0109)</small>		
Note: Upgrade from 26 gauge wall panels.		

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0120	SF		Upgrade To 2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile..... Note: 24 gauge exterior and 24 gauge interior panels. <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	14.61 0.24 0.12	
13 34 19 00-0121	SF		Upgrade To 2-1/2" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile Note: 24 gauge exterior and 24 gauge interior panels. <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	17.81 0.24 0.12	
13 34 19 00-0122	SF		Upgrade To 3" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile..... Note: 24 gauge exterior and 24 gauge interior panels. <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	20.70 0.24 0.12	
13 34 19 00-0123	SF		Upgrade To 4" Thick Insulated Wall Panel, Metal-Span CF Mesa Profile..... Note: 24 gauge exterior and 24 gauge interior panels. <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	24.04 0.24 0.12	
13 34 19 00-0124			Roofing Options For Metal Buildings (13 34 19 00-0109) Note: Upgrade from 26 gauge standing seam roof panels.		
13 34 19 00-0125	SF		Upgrade To 24 Gauge Galvanized Steel Standing Seam Roof	1.50	
13 34 19 00-0126	SF		Upgrade To 4" Thick Insulated Roof Panel, Metal-Span III, CFR-42 Note: 24 gauge exterior and 24 gauge interior panels. <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	24.00 0.24 0.12	
13 34 19 00-0127	SF		Upgrade To 5" Thick Insulated Roof Panel, Metal-Span III, CFR-42 Note: 24 gauge exterior and 24 gauge interior panels. <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	25.51 0.24 0.12	
13 34 19 00-0128	SF		Upgrade To 6" Thick Insulated Roof Panel, Metal-Span III, CFR-42 Note: 24 gauge exterior and 24 gauge interior panels. <i>For AZ-50 Aluminum-Zinc Coated Exterior, Add</i> <i>For Premium Exterior Colors, Add</i>	26.72 0.24 0.12	
13 34 19 00-0129	EA		3' x 10' Translucent Fiberglass Panels.....	183.83	48.04
13 34 19 00-0130	LF		Vented Ridge Vent For Standing Seam Roof	24.59	
13 34 19 00-0131			Insulation For Metal Buildings (13 34 19 00-0109)		
13 34 19 00-0132	SF		1-1/2" Thick, R-5.5, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation.....	1.27	0.35
13 34 19 00-0133	SF		2-1/2" Thick, R-8, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	1.41	0.35
13 34 19 00-0134	SF		3-1/2" Thick, R-11, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation.....	1.59	0.46
13 34 19 00-0135	SF		3-1/2" Thick, R-13, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation.....	1.84	0.46
13 34 19 00-0136	SF		6" Thick, R-19, Foil/Scrim/Kraft (FSK), Faced Metal Building Insulation	2.30	0.46
13 34 19 00-0137	SF		1-1/2" Thick, R-5.5, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.54	0.35
13 34 19 00-0138	SF		2-1/2" Thick, R-8, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.68	0.35
13 34 19 00-0139	SF		3-1/2" Thick, R-11, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	1.81	0.46
13 34 19 00-0140	SF		3-1/2" Thick, R-13, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	2.00	0.46
13 34 19 00-0141	SF		6" Thick, R-19, Polyester/Scrim/Kraft (PSK), Faced Metal Building Insulation	2.39	0.46
13 34 19 00-0142	SF		1-1/2" Thick, R-5.5, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation.....	1.46	0.35
13 34 19 00-0143	SF		2-1/2" Thick, R-8, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation.....	1.62	0.35
13 34 19 00-0144	SF		3-1/2" Thick, R-11, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	1.92	0.46
13 34 19 00-0145	SF		3-1/2" Thick, R-13, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation	2.11	0.46
13 34 19 00-0146	SF		6" Thick, R-19, Vinyl/Scrim/Kraft (VSK), Faced Metal Building Insulation.....	2.47	0.46
13 34 19 00-0147	SF		2" Thick, R-6.5, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.36	0.35
13 34 19 00-0148	SF		3" Thick, R-10, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.44	0.35
13 34 19 00-0149	SF		4" Thick, R-13, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	1.62	0.46
13 34 19 00-0150	SF		6" Thick, R-19, Polypropylene/Scrim/Kraft, Faced Metal Building Insulation	2.01	0.46
13 34 19 00-0151	SF		2" Thick, R-6.5, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	1.37	0.35
13 34 19 00-0152	SF		3" Thick, R-10, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	1.46	0.35
13 34 19 00-0153	SF		4" Thick, R-13, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	1.65	0.46
13 34 19 00-0154	SF		6" Thick, R-19, Polypropylene/Scrim/Metalized Polyester, Faced Metal Building Insulation.....	2.06	0.46
13 34 19 00-0155	SF		2" Thick, R-6.5, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation.....	1.82	0.35
13 34 19 00-0156	SF		3" Thick, R-10, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	1.94	0.35
13 34 19 00-0157	SF		4" Thick, R-13, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	2.13	0.46
13 34 19 00-0158	SF		6" Thick, R-19, Black Matte Polypropylene/Fiberglass Polyester Blend Fabric, Faced Metal Building Insulation	2.54	0.46
13 34 19 00-0159			Eave And Overhang Options For Metal Buildings (13 34 19 00-0109)		
13 34 19 00-0160	LF		2' End Wall Roof Overhang And 26 Gauge Soffit	43.70	8.71
13 34 19 00-0161	LF		4' End Wall Roof Overhang And 26 Gauge Soffit.....	66.17	6.26
13 34 19 00-0162	SF		Up To 20 SF, Prefinished Aluminum, Wall Hung Canopy	89.71	13.97
			Note: Up to 7' projection from wall. Includes finished underside and edges. <i>For End Braced (Up To 16' Wall Projection), Add</i> <i>For Overhead Braced (Up To 10' Wall Projection), Add</i>	 21.03 12.06	
13 34 19 00-0163	SF		>20 To 50 SF, Prefinished Aluminum, Wall Hung Canopy	74.95	11.73
			Note: Up to 7' projection from wall. Includes finished underside and edges. <i>For End Braced (Up To 16' Wall Projection), Add</i> <i>For Overhead Braced (Up To 10' Wall Projection), Add</i>	 17.56 10.07	
13 34 19 00-0164	SF		>50 SF, Prefinished Aluminum, Wall Hung Canopy.....	56.77	10.06
			Note: Up to 7' projection from wall. Includes finished underside and edges. <i>For End Braced (Up To 16' Wall Projection), Add</i> <i>For Overhead Braced (Up To 10' Wall Projection), Add</i>	 13.19 7.51	
13 34 19 00-0165	SF		Up To 50 SF, Prefinished Aluminum, Free Standing Canopy	109.24	21.23
			Note: Includes finished underside and edges.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 19 00-0166 SF >50 SF, Prefinished Aluminum, Free Standing Canopy Note: Includes finished underside and edges.	73.51	12.85
13 34 19 00-0167 LF 1' Standard Eave Overhang Without Soffit	45.58	
13 34 19 00-0168 LF 2' Standard Eave Overhang Without Soffit	57.07	
13 34 19 00-0169 LF 3' Standard Eave Overhang Without Soffit	68.75	
13 34 19 00-0170 LF 4' Standard Eave Overhang Without Soffit	80.29	
13 34 19 00-0171 LF 6' Standard Eave Overhang Without Soffit	103.29	
13 34 19 00-0172 LF 1' Standard Eave Overhang And 26 Gauge Soffit	61.04	
<i>For 24 Gauge, Add</i>	<i>7.01</i>	
13 34 19 00-0173 LF 2' Standard Eave Overhang And 26 Gauge Soffit	76.40	
<i>For 24 Gauge, Add</i>	<i>8.85</i>	
13 34 19 00-0174 LF 3' Standard Eave Overhang And 26 Gauge Soffit	91.85	
<i>For 24 Gauge, Add</i>	<i>10.60</i>	
13 34 19 00-0175 LF 4' Standard Eave Overhang And 26 Gauge Soffit	107.32	
<i>For 24 Gauge, Add</i>	<i>12.35</i>	
13 34 19 00-0176 LF 6' Standard Eave Overhang And 26 Gauge Soffit	137.34	
<i>For 24 Gauge, Add</i>	<i>15.91</i>	
13 34 19 00-0177 Louvers And Vents For Metal Buildings (13 34 19 00-0109)		
13 34 19 00-0178 EA 4' x 3' Fixed Louver.....	680.09	174.29
13 34 19 00-0179 EA 12" Rotary Vent With Damper.....	411.96	111.72
13 34 19 00-0180 EA 20" Rotary Vent With Damper.....	733.61	149.15
13 34 19 00-0181 EA 24" Rotary Vent With Damper.....	976.63	167.58
13 34 19 00-0182 EA Gravity Ridge Ventilator With Birdscreen, 9" Throat x 10'.....	1,114.54	223.45
13 34 19 00-0183 EA Gravity Ridge Ventilator With Birdscreen, 12" Throat x 10'.....	1,190.53	223.45
13 34 19 00-0184 EA Ridge Ventilator - 9" Throat X 10 Ft, Manually Operated Damper With Birdscreen.....	1,389.44	223.45
13 34 19 00-0185 EA Ridge Ventilator - 12" Throat X 10 Ft, Manually Operated Damper With Birdscreen.....	1,520.35	223.45
13 34 19 00-0186 EA Ridge Ventilator - 15" Throat X 10 Ft, Manually Operated Damper With Birdscreen.....	1,664.35	223.45
13 34 19 00-0187 EA Ridge Ventilator - 18" Throat X 10 Ft, Manually Operated Damper With Birdscreen.....	1,808.35	223.45
13 34 19 00-0188 EA Ridge Ventilator - 9" Throat X 10 Ft, Motor Operated Damper With Birdscreen.....	2,378.27	279.30
13 34 19 00-0189 EA Ridge Ventilator - 12" Throat X 10 Ft, Motor Operated Damper With Birdscreen.....	2,613.91	279.30
13 34 19 00-0190 Gutters And Downspouts For Metal Buildings (13 34 19 00-0109)		
13 34 19 00-0191 LF Pre-Engineered Standard Type Gutter, Painted..... <i>For Galvanized Instead Of Painted, Deduct</i>	11.18 <i>-1.40</i>	2.80
13 34 19 00-0192 LF Pre-Engineered Standard Type Downspout, Painted..... <i>For Galvanized Instead Of Painted, Deduct</i>	10.05 <i>-0.56</i>	3.91
13 34 23 Fabricated Structures (13 34)		
13 34 23 13 Portable and Mobile Buildings (13 34 23)		
13 34 23 13-0001 Prefabricated Signal, Communication Or Electrical Building (13 34 23 13)		
<i>Note: Complete, includes door, roof, lights and wiring, insulation, painted.</i>		
13 34 23 13-0002 SF 15 SF To 29 SF Prefabricated Signal, Communication Or Electrical Building	501.64	
13 34 23 13-0003 SF 30 SF To 49 SF Prefabricated Signal, Communication Or Electrical Building	430.29	
13 34 23 13-0004 SF 50 SF To 79 SF Prefabricated Signal, Communication Or Electrical Building	344.41	
13 34 23 13-0005 SF 80 SF To 99 SF Prefabricated Signal, Communication Or Electrical Building	272.51	
13 34 23 13-0006 SF 100 SF To 144 SF Prefabricated Signal, Communication Or Electrical Building	243.55	
13 34 23 13-0007 Temporary Trailers 1 To 6 Years Life (13 34 23 13)		
<i>Note: Includes cost to set-up, underpin, tie-downs, HVAC unit, lights, outlets, phone jacks, two wooden landings, stairs, and handrails. Trailers shall have a 12' x 12' office area and 6' x 8' bathroom with sink, mirror, and water closet. Minimum of two pedestrian doors and a tinted/insulated 3' x 4' single hung window per 20 SF of wall area. Excludes connection of utilities.</i>		
13 34 23 13-0008 SF Single Trailer Up To 14' x 73'..... <i>For Each Delivery And Set-Up (Block And Level), Add</i> <i>For Each Knock-Down And Pick-Up, Add</i> <i>For Each Anchoring Into Asphalt Or Concrete, Add</i>	66.25 <i>1,334.82</i> <i>1,054.82</i> <i>110.00</i>	
13 34 23 13-0009 SF Modular Trailers, Connected..... <i>For Each Anchoring Into Asphalt Or Concrete, Add</i> <i>For Each Delivery And Set-Up (Block And Level), Add</i> <i>For Each Knock-Down And Pick-Up, Add</i>	92.75 <i>110.00</i> <i>2,908.13</i> <i>2,258.13</i>	
13 34 23 13-0010 EA Add Per Additional Exterior Door With Frame And Hardware.....	993.77	
13 34 23 13-0011 Accessories (13 34 23 13)		
13 34 23 13-0012 Skirting (13 34 23 13-0011)		
<i>Note: Includes 2" x 4" wood framing 16" on center.</i>		
13 34 23 13-0013 Vinyl Covered, Exterior Only (13 34 23 13-0012)		
13 34 23 13-0014 SF 1'-8" High Vinyl Covered Skirt.....	5.25	1.96
13 34 23 13-0015 SF 3' High Vinyl Covered Skirt.....	7.68	3.22
13 34 23 13-0016 Fiberglass, Exterior Only (13 34 23 13-0012)		
13 34 23 13-0017 SF 1'-8" High Fiberglass Skirt.....	9.46	3.69
13 34 23 13-0018 SF 3' High Fiberglass Skirt.....	10.98	4.49

13 Special Construction**13 30 Special Structures****13 34 Fabricated Engineered Structures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 13-0019		Plywood, Exterior Only (13 34 23 13-0012)		
13 34 23 13-0020	SF	1'-8" High 5/8" Plywood Skirt	9.03	3.91
13 34 23 13-0021	SF	3' High 5/8" Plywood Skirt.....	10.68	4.72
13 34 23 13-0022		Steel, Painted, Exterior Only (13 34 23 13-0012)		
13 34 23 13-0023	SF	1'-8" High 26 Gauge Steel Skirt	10.34	3.69
13 34 23 13-0024	SF	3' High 26 Gauge Steel Skirt.....	11.99	4.49
13 34 23 13-0025		14" x 14" Access Hatch (13 34 23 13-0011)		
		Note: Simple design.		
13 34 23 13-0026	EA	14" x 14" Vinyl Covered Access Hatch	260.60	86.44
13 34 23 13-0027	EA	14" x 14" Fiberglass Access Hatch	222.93	86.44
13 34 23 13-0028	EA	14" x 14" Plywood Access Hatch	258.72	86.44
13 34 23 13-0029	EA	14" x 14" 26 Gauge Steel Access Hatch.....	260.26	86.44
13 34 23 13-0030		Pole Anchor (13 34 23 13-0011)		
		Note: Joslyn.		
13 34 23 13-0031	EA	Pole Anchor, 4" Helix, 3/4" x 54" Shaft	64.82	26.30
13 34 23 13-0032	EA	Pole Anchor, 6" Helix, 3/4" x 66" Shaft	74.00	26.30
13 34 23 13-0033	EA	Pole Anchor, 8" Helix, 1" x 66" Shaft	99.70	29.59
13 34 23 13-0034	EA	Pole Anchor, 10" Helix, 1-1/4" x 66" Shaft	141.66	32.88
13 34 23 13-0035	EA	Pole Anchor, 10" Helix, 1-1/4" x 8' Shaft.....	162.05	36.17
13 34 23 13-0036	EA	Pole Anchor, 16" Helix, 1-1/4" x 8' Shaft.....	261.59	49.32
13 34 23 13-0037		Aluminum Modular Access Ramp (13 34 23 13-0011)		
		Note: Includes picketed guardrails, inside grabrails, legs and hardware.		
13 34 23 13-0038	EA	72" Long x 52-1/4" Wide Ramp Section, Aluminum Modular Access Ramp	3,608.49	28.78
13 34 23 13-0039	EA	60-1/4" Long x 61-3/4" Wide Door Landing Section, Aluminum Modular Access Ramp	3,643.03	37.41
13 34 23 13-0040	EA	60-1/4" Long x 123-1/2" Wide Switchback Landing Section, Aluminum Modular Access Ramp	7,504.91	57.56
13 34 23 13-0041	EA	110-3/4" Long x 72" Wide Switchback Landing Section, Aluminum Modular Access Ramp	8,088.05	57.56
13 34 23 13-0042	EA	60-1/4" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,788.81	37.41
13 34 23 13-0043	EA	71-3/4" Long x 52-1/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	3,754.27	28.78
13 34 23 13-0044	EA	84-1/2" Long x 61-3/4" Wide Intermediate Landing Section, Aluminum Modular Access Ramp	5,243.02	37.41
13 34 23 13-0045	EA	30" High x 82" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,717.74	37.41
13 34 23 13-0046	EA	35" High x 96" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	3,717.74	37.41
13 34 23 13-0047	EA	42" High x 110" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,233.46	37.41
13 34 23 13-0048	EA	49" High x 124" Long x 52-3/8" Wide Step Section, Aluminum Modular Access Ramp	4,745.53	37.41
13 34 23 13-0049		Relocate Portable And Mobile Trailer (13 34 23 13)		
		Note: Excludes anchors, skirting, steps, ramps, utility hook-ups and foundation. See CSI section 01 22 16 00-0002 for reimbursable permit fees, 13 34 23 13-0012 for skirting, 13 34 23 13-0030 for anchors.		
13 34 23 13-0050	EA	Prepare, Up To 12' Wide, Single Trailer For Transportation	829.85	
		Note: Includes securing interior, mounting tires, and mounting trailer hitch		
13 34 23 13-0051	EA	Separate, 24' Wide Double Trailer And Prepare For Transportation.....	4,010.77	
		Note: Includes separating trailers, securing interior, installing plastic and boards to open side of each (2) trailers, mounting tires, and mounting trailer hitch.		
13 34 23 13-0052	EA	Remove Blocking From 8' Wide x Up To 35' Long Trailer.....	365.13	
		Note: Per trailer		
13 34 23 13-0053	EA	Remove Blocking From 10' Wide x 40' To 50' Long Trailer.....	464.72	
		Note: Per trailer		
13 34 23 13-0054	EA	Remove Blocking From 12' Wide x 45' To 60' Long Trailer.....	564.30	
		Note: Per trailer		
13 34 23 13-0055	EA	Remove Blocking From 24' Wide x 45' To 60' Long Trailer.....	1,128.59	
		Note: Per trailer		
13 34 23 13-0056	MI	Transportation And Delivery Of Trailer.....	14.62	
13 34 23 13-0057	EA	Re-connect 24' Wide Double Trailer	8,521.68	
		Note: Includes removal of temporary plastic and boards, caulking, installation of flooring, ceiling and roofing seams. Excludes blocking and leveling. See CSI section 13 34 23 13-0060 for blocking and leveling of each section.		
13 34 23 13-0058	EA	Set-Up (Block And Level) Trailer, 8' Wide x Up To 35' Long.....	456.42	
		Note: Per trailer		
13 34 23 13-0059	EA	Set-Up (Block And Level) Trailer, 10' Wide x 40' To 50' Long.....	580.89	
		Note: Per trailer		
13 34 23 13-0060	EA	Set-Up (Block And Level) Trailer, 12' Wide x 45' To 60' Long.....	705.37	
		Note: Per trailer		
13 34 23 13-0061	EA	Set-Up (Block And Level) Trailer, 24' Wide x 45' To 60' Long.....	1,410.74	
		Note: Per trailer		
13 34 23 13-0062	EA	Connection Straps To Anchor.....	20.75	
		Note: Includes straps per each anchor See CSI section 13 34 23 13-0030 for anchors.		
13 34 23 14		Fabricated Classroom Buildings (13 34 23)		
13 34 23 14-0001		Semi Permanent Modular Transportable Buildings (13 34 23 14)		
13 34 23 14-0002	SF	Portable Classrooms, Complete With Doors, Windows, Fixtures, Toilets And Workroom	98.72	
		For Each Anchoring Into Asphalt Or Concrete, Add	110.00	
		For Each Delivery And Set-Up (Block And Level), Add	2,908.13	
		For Each Knock-Down And Pick-Up, Add	2,258.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 34 23 14-0003 SF Modular Classroom, Connected, Complete With Doors, Windows, Fixtures, Toilets And Teachers Work Room..... <i>For Each Anchoring Into Asphalt Or Concrete, Add</i> <i>For Each Delivery And Set-Up (Block And Level), Add</i> <i>For Each Knock-Down And Pick-Up, Add</i>	101.64 110.00 2,908.13 2,258.13	
13 34 23 16 Fabricated Control Booths (13 34 23)		
13 34 23 16-0001 Fabricated Parking Attendant Booths (13 34 23 16) <i>Note: Excludes foundations and slab.</i>		
13 34 23 16-0002 EA Parking Booth For Attendant	1,778.22	
13 34 23 31 Fabricated Pavilion Style Buildings (13 34 23)		
13 34 23 31-0001 Pavilion Style Metal Shelter Structures (13 34 23 31) <i>Note: Prefabricated open structure system, complete with all necessary hardware. Hip roof, steel structural rafters and columns, urethane/polyester (TGIC) powder finish, aluminum roof decking, 8' height at perimeter. Excludes foundations and slab. Americana or equal.</i>		
13 34 23 31-0002 EA 12' x 12' Pavilion Style Metal Shelter Structure.....	13,039.05	2,142.38
13 34 23 31-0003 EA 16' x 16' Pavilion Style Metal Shelter Structure.....	15,424.27	2,235.56
13 34 23 31-0004 EA 16' x 32' Pavilion Style Metal Shelter Structure.....	19,859.56	2,384.60
13 34 23 31-0005 EA 20' x 20' Pavilion Style Metal Shelter Structure.....	18,625.64	2,310.08
13 34 23 31-0006 EA 20' x 30' Pavilion Style Metal Shelter Structure.....	23,172.08	2,533.63
13 34 23 31-0007 EA 20' x 40' Pavilion Style Metal Shelter Structure.....	27,776.62	2,608.16
13 34 23 31-0008 EA 24' x 24' Pavilion Style Metal Shelter Structure.....	22,948.14	2,384.60
13 34 23 31-0009 EA 24' x 48' Pavilion Style Metal Shelter Structure.....	32,546.94	2,980.75
13 34 23 31-0010 EA 30' x 30' Pavilion Style Metal Shelter Structure.....	31,242.14	2,980.75
13 34 23 31-0011 EA 30' x 60' Pavilion Style Metal Shelter Structure.....	63,033.80	3,725.94
13 34 23 31-0012 EA 40' x 40' Pavilion Style Metal Shelter Structure.....	57,853.46	4,656.58
13 34 23 31-0013 EA 40' x 60' Pavilion Style Metal Shelter Structure.....	84,417.48	5,216.31
13 40 Integrated Construction (13)		
13 46 Lightning Protection Systems (13 40)		
13 46 13 Lightning Protection for Structures (13 46)		
13 46 13 00-0001 Lightning Protection (13 46 13) <i>See CSI section 26 05 26 00-0001 for conductors.</i>		
13 46 13 00-0002 Air Terminals For Lightning Protection (13 46 13 00-0001)		
13 46 13 00-0003 Copper Lightning Protection Air Terminals (13 46 13 00-0002)		
13 46 13 00-0004 EA 3/8" x 10" Copper Lightning Protection Air Terminal.....	67.96	10.87
13 46 13 00-0005 EA 1/2" x 12" Copper Lightning Protection Air Terminal.....	84.30	10.87
13 46 13 00-0006 EA 5/8" x 12" Copper Lightning Protection Air Terminal.....	110.25	10.87
13 46 13 00-0007 EA 1/2" x 24" Copper Lightning Protection Air Terminal.....	122.51	10.87
13 46 13 00-0008 EA 1/2" x 60" Copper Lightning Protection Air Terminal.....	238.84	21.72
13 46 13 00-0009 Aluminum Lightning Protection Air Terminals (13 46 13 00-0002)		
13 46 13 00-0010 EA 3/8" x 10" Aluminum Lightning Protection Air Terminal.....	80.14	10.87
13 46 13 00-0011 EA 1/2" x 12" Aluminum Lightning Protection Air Terminal.....	101.95	10.87
13 46 13 00-0012 EA 5/8" x 12" Aluminum Lightning Protection Air Terminal.....	130.70	10.87
13 46 13 00-0013 EA 1/2" x 24" Aluminum Lightning Protection Air Terminal.....	145.09	10.87
13 46 13 00-0014 EA 1/2" x 60" Aluminum Lightning Protection Air Terminal.....	285.27	21.72
13 46 13 00-0015 Terminal Bases For Lightning Protection (13 46 13 00-0001)		
13 46 13 00-0016 Copper Lightning Protection Terminal Bases (13 46 13 00-0015)		
13 46 13 00-0017 EA Adhesive Base For Copper Lightning Protection Terminal.....	88.37	32.59
13 46 13 00-0018 EA Bolted Base For Copper Lightning Protection Terminal.....	115.00	43.45
13 46 13 00-0019 EA Hinged Base For Copper Lightning Protection Terminal.....	156.14	54.31
13 46 13 00-0020 EA Side Mounted Base For Copper Lightning Protection Terminal.....	115.00	43.45
13 46 13 00-0021 EA Offset Point Support For Copper Lightning Protection Terminal.....	123.37	43.45
13 46 13 00-0022 EA Concealed Base Assembly For Copper Lightning Protection Terminal.....	217.89	86.90
13 46 13 00-0023 EA 36" Tripod Base For 60" Copper Lightning Protection Terminal.....	153.95	54.31
13 46 13 00-0024 EA Intermediate Base For Copper Lightning Protection Terminal.....	88.37	32.59
13 46 13 00-0025 Aluminum Lightning Protection Terminal Bases (13 46 13 00-0015)		
13 46 13 00-0026 EA Adhesive Base For Aluminum Lightning Protection Terminal.....	92.00	32.59
13 46 13 00-0027 EA Bolted Base For Aluminum Lightning Protection Terminal.....	120.96	43.45
13 46 13 00-0028 EA Hinged Base For Aluminum Lightning Protection Terminal.....	165.69	54.31
13 46 13 00-0029 EA Side Mounted Base For Aluminum Lightning Protection Terminal.....	121.46	43.45
13 46 13 00-0030 EA Offset Point Support For Aluminum Lightning Protection Terminal.....	128.51	43.45
13 46 13 00-0031 EA Concealed Base Assembly For Aluminum Lightning Protection Terminal.....	231.14	86.90
13 46 13 00-0032 EA 36" Tripod Base For 60" Aluminum Lightning Protection Terminal.....	156.06	54.31
13 46 13 00-0033 EA Intermediate Base For Aluminum Lightning Protection Terminal.....	92.00	32.59

13 Special Construction**13 40 Integrated Construction****13 46 Lightning Protection Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 46	13 00-0034		Connectors <small>(13 46 13 00-0001)</small>		
13 46	13 00-0035		Copper Cable Connectors <small>(13 46 13 00-0034)</small>		
13 46	13 00-0036	EA	Thru Wall Cable Connector For Copper Lightning Protection System	178.30	54.31
13 46	13 00-0037	EA	Thru Roof Adapter Assembly For Copper Lightning Protection System	240.50	86.90
13 46	13 00-0038	EA	Beam Connector For Copper Lightning Protection System	157.66	54.31
13 46	13 00-0039	EA	Double Bolt Cable Connector For Copper Lightning Protection System	38.38	10.87
13 46	13 00-0040	EA	Cable To Bar Connector For Copper Lightning Protection System	39.68	10.87
13 46	13 00-0041	EA	Tee Connector For Copper Lightning Protection Terminal	120.08	32.59
13 46	13 00-0042		Aluminum Cable Connectors <small>(13 46 13 00-0034)</small>		
13 46	13 00-0043	EA	Thru Wall Cable Connector For Aluminum Lightning Protection System	187.36	54.31
13 46	13 00-0044	EA	Thru Roof Adapter Assembly For Aluminum Lightning Protection System	260.12	86.90
13 46	13 00-0045	EA	Beam Connector For Aluminum Lightning Protection System	172.24	54.31
13 46	13 00-0046	EA	Double Bolt Cable Connector For Aluminum Lightning Protection System	42.46	10.87
13 46	13 00-0047	EA	Tee Connector For Aluminum Lightning Protection Terminal	125.29	32.59
13 46	13 00-0048		Bonding Plates <small>(13 46 13 00-0001)</small>		
13 46	13 00-0049		Copper Bonding Plates <small>(13 46 13 00-0048)</small>		
13 46	13 00-0050	EA	8" Square I Beam Bonding Plate For Copper Lightning Protection System	137.72	54.31
13 46	13 00-0051	EA	8" Square Purlin Bonding Plate For Copper Lightning Protection System	142.83	54.31
13 46	13 00-0052	EA	16" Square Bonding Plate For Copper Lightning Protection System	209.70	86.90
13 46	13 00-0053		Aluminum Bonding Plates <small>(13 46 13 00-0048)</small>		
13 46	13 00-0054	EA	8" Square I Beam Bonding Plate For Aluminum Lightning Protection System	139.49	54.31
13 46	13 00-0055	EA	8" Square Purlin Bonding Plate For Aluminum Lightning Protection System	147.55	54.31
13 46	13 00-0056	EA	16" Square Bonding Plate For Aluminum Lightning Protection System	210.48	86.90
13 46	13 00-0057		Cable Supports <small>(13 46 13 00-0001)</small>		
13 46	13 00-0058		Copper Cable Supports <small>(13 46 13 00-0057)</small>		
13 46	13 00-0059	EA	Loop Fastener, Copper Cable Supports For Lightning Protection System	25.09	10.87
13 46	13 00-0060	EA	Adhesive Cable Holder, Copper Cable Support For Lightning Protection System	25.65	10.87
13 46	13 00-0061		Aluminum Cable Supports <small>(13 46 13 00-0057)</small>		
13 46	13 00-0062	EA	Loop Fastener, Aluminum Cable Supports For Lightning Protection System	24.64	10.87
13 46	13 00-0063	EA	Adhesive Cable Holder, Aluminum Cable Support For Lightning Protection System	24.45	10.87
13 46	13 00-0064		Bonding Straps <small>(13 46 13 00-0001)</small>		
13 46	13 00-0065		Copper Bonding Straps <small>(13 46 13 00-0064)</small>		
13 46	13 00-0066	EA	3/4" x 9-1/2" Flex Braided Strap For Copper Lightning Protection System	73.00	32.59
13 46	13 00-0067		Aluminum Bonding Straps <small>(13 46 13 00-0064)</small>		
13 46	13 00-0068	EA	3/4" x 9-1/2" Flex Braided Strap For Aluminum Lightning Protection System	74.87	32.59
13 46	13 00-0069		Accessories For Lightning Protection <small>(13 46 13 00-0001)</small> See CSI section 26 05 26 00-0001 for conductors straps and conduit jumpers.		
13 46	13 00-0070		Copper Adapters <small>(13 46 13 00-0069)</small>		
13 46	13 00-0071	EA	Swivel Adapters For Copper Lightning Protection System	29.76	5.43
13 46	13 00-0072		Aluminum Adapters <small>(13 46 13 00-0069)</small>		
13 46	13 00-0073	EA	Swivel Adapters For Aluminum Lightning Protection System	38.89	5.43
13 46	13 00-0074	EA	Floor Ground Receptacle For Aluminum Lightning Protection System	180.43	54.31

13 47 Facility Protection (13 40)**13 47 13 Cathodic Protection** (13 47)**13 47 13 13 Cathodic Protection for Underground and Submerged Piping** (13 47 13)**13 47 13 13-0001 Anodes** (13 47 13 13)**13 47 13 13-0002 Magnesium Type, Conventional** (13 47 13 13-0001)

13 47	13 13-0003	EA	9 LB Magnesium Type Anodes	364.45	158.84
13 47	13 13-0004	EA	17 LB Magnesium Type Anodes	541.04	229.57
13 47	13 13-0005	EA	32 LB Magnesium Type Anode	739.54	295.34
13 47	13 13-0006	EA	48 LB Magnesium Type Anode	1,053.38	413.23

13 Special Construction**13 40 Integrated Construction****13 48 Sound, Vibration, and Seismic Control**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 48 63 00-0017 EA 3 Cable Seismic Brace With Center Threaded Rod Stiffener.....	239.68	
Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0018 EA 4 Cable Seismic Brace With Center Threaded Rod Stiffener.....	310.02	
Note: Includes seismic bracket, bolts, and cable for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0019 EA 2 Channel Seismic Brace With Center Threaded Rod Stiffener.....	346.90	
Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0020 EA 3 Channel Seismic Brace With Center Threaded Rod Stiffener.....	514.67	
Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0021 EA 4 Channel Seismic Brace With Center Threaded Rod Stiffener.....	682.43	
Note: Includes seismic bracket, bolts, and channel for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0022 EA 2 Rod Seismic Brace With Center Threaded Rod Stiffener.....	200.09	
Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0023 EA 3 Rod Seismic Brace With Center Threaded Rod Stiffener.....	294.45	
Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0024 EA 4 Rod Seismic Brace With Center Threaded Rod Stiffener.....	388.81	
Note: Includes seismic bracket, bolts, and rod for attachment to ceiling anchor. Excludes deck anchors.		
13 48 63 00-0025 Seismic Brace Components (13 48 63)		
13 48 63 00-0026 EA 1/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-1).....	31.76	
Note: To be used with 7x19 stranded cable.		
13 48 63 00-0027 EA 3/16" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-2).....	44.68	
Note: To be used with 7x19 stranded cable.		
13 48 63 00-0028 EA 1/4" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-3).....	60.19	
Note: To be used with 7x19 stranded cable.		
13 48 63 00-0029 EA 3/8" Cable Diameter Seismic Cable Brace Swivel Anchor (Mason SCB-4).....	83.43	
Note: To be used with 7x19 stranded cable.		
13 48 63 00-0030 EA Seismic Solid Brace Swivel Anchor (Mason SSB-1).....	29.65	
Note: To be used with angle or channel.		
13 48 63 00-0031 EA Seismic Solid Brace Swivel Anchor (Mason SSB-2).....	41.02	
Note: To be used with angle or channel.		
13 48 63 00-0032 EA Seismic Solid Brace Swivel Anchor (Mason SSB-3).....	54.83	
Note: To be used with angle or channel.		
13 48 63 00-0033 EA Seismic Solid Brace Swivel Anchor (Mason SSB-4).....	75.14	
Note: To be used with angle or channel.		
13 48 63 00-0034 EA 1/8" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-1).....	36.55	
Note: To be used with 7x19 stranded cable.		
13 48 63 00-0035 EA 3/16" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-2).....	49.14	
Note: To be used with 7x19 stranded cable.		
13 48 63 00-0036 EA 1/4" Cable Diameter Seismic Cable Brace Hook Anchor (Mason SCBH-3).....	69.45	
Note: To be used with 7x19 stranded cable.		
13 48 63 00-0037 EA 1/8" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-1).....	66.20	
Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.		
13 48 63 00-0038 EA 3/16" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-2).....	94.23	
Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.		
13 48 63 00-0039 EA 1/4" Cable Diameter Seismic Cable Brace Vise Anchor (Mason SCBV-3).....	129.57	
Note: Can be used with either SCB or SCBH on the other end. To be used with 7x19 stranded cable.		
13 48 63 00-0040 EA Seismic Rod Clamp (Mason SRC-1).....	27.54	
Note: To be used on 3/8" through 5/8" rod. 1" x 1" x 1/4" Angle or Stiffener not included.		
13 48 63 00-0041 EA Seismic Rod Clamp (Mason SRC-1 1/2).....	34.04	
Note: To be used on 3/8" through 1" rod. 1-1/2" x 1-1/2" x 1/4" Angle or Stiffener not included.		
13 48 63 00-0042 EA Seismic Rod Clamp (Mason SRC-2).....	42.97	
Note: To be used on 3/8" through 1-1/4" rod. 2" x 2" x 1/4" Angle or Stiffener not included.		
13 49 Radiation Protection (13 49)		
13 49 13 Integrated X-Ray Shielding Assemblies (13 49)		
13 49 13 00-0001 Lead Shielding (13 49 13)		
See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 13 00-0002 SF 1/16" Sheet Lead Shielding.....	47.02	6.86
13 49 13 00-0003 SF 1/8" Sheet Lead Shielding.....	81.47	7.43
13 49 13 00-0004 SF 1/4" Sheet Lead Shielding.....	147.03	8.00
13 49 13 00-0005 SF 1/2" Sheet Lead Shielding.....	282.54	10.29
13 49 16 Modular X-Ray Shielding Rooms (13 49)		
13 49 16 00-0001 X-Ray Barriers, Modular (13 49 16)		
Note: Panels mounted within framework for attaching to floor, wall or ceiling, upper portion is clear lead plastic window panels 48" high, lower portion is opaque leaded steel panels 36" high. Excludes structural supports.		
13 49 16 00-0002 36" Wide x 84" High, 1-Section Barrier, Modular X-Ray Barriers (13 49 16 00-0001)		
13 49 16 00-0003 EA 0.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	9,079.75	160.29
13 49 16 00-0004 EA 0.8mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	9,641.24	160.29
13 49 16 00-0005 EA 1.0mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	9,929.95	192.35
13 49 16 00-0006 EA 1.5mm LE Panels 1-Section Modular X-Ray Barrier, 36" Wide x 84" High.....	10,603.73	192.35
13 49 16 00-0007 72" Wide x 84" High, 2-Section Barrier, Modular X-Ray Barriers (13 49 16 00-0001)		
13 49 16 00-0008 EA 0.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	19,491.13	256.47
13 49 16 00-0009 EA 0.8mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	20,277.21	256.47
13 49 16 00-0010 EA 1.0mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	20,902.88	288.53
13 49 16 00-0011 EA 1.5mm LE Panels 2-Section Modular X-Ray Barrier, 72"W x 84"H.....	22,539.10	320.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
13 49 16 00-0012 108" Wide x 84" High, 3-Section Barrier, Modular X-Ray Barriers <small>(13 49 16 00-0001)</small>		
13 49 16 00-0013 EA 0.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	29,613.81	320.58
13 49 16 00-0014 EA 0.8mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	31,073.67	320.58
13 49 16 00-0015 EA 1.0mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	31,763.39	384.70
13 49 16 00-0016 EA 1.5mm LE Panels 3-Section Modular X-Ray Barrier, 108"W x 84"H.....	34,073.34	416.76
13 49 16 00-0017 X-Ray Barriers, Mobile <small>(13 49 16)</small>		
Note: Mounted within framework with casters on bottom, clear lead plastic window panels on upper portion, opaque on lower.		
13 49 16 00-0018 30" Wide x 75" High, Mobile X-Ray Barriers <small>(13 49 16 00-0017)</small>		
Note: Includes Framework		
13 49 16 00-0019 EA 24" H Upper With 0.5mm LE, 48" H Lower With 0.8mm LE Mobile X-Ray Barriers	6,233.49	28.57
13 49 16 00-0020 48" Wide x 75" High, Mobile X-Ray Barriers <small>(13 49 16 00-0017)</small>		
Note: Includes Framework		
13 49 16 00-0021 EA 36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	11,062.26	28.57
13 49 16 00-0022 EA 36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	13,308.20	28.57
13 49 16 00-0023 72" Wide x 75" High, Mobile X-Ray Barriers <small>(13 49 16 00-0017)</small>		
Note: Includes Framework		
13 49 16 00-0024 EA 36"H Upper With 0.5mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	13,083.61	28.57
13 49 16 00-0025 EA 36"H Upper With 1.0mm LE, 36"H Lower With 0.8mm LE Mobile X-Ray Barriers.....	16,564.82	28.57
13 49 19 Lead-Lined Materials <small>(13 49)</small>		
13 49 19 16 Lead-Lined Drywall <small>(13 49 19)</small>		
13 49 19 16-0001 Lead Lined Drywall <small>(13 49 19 16)</small>		
See CSI section 09 29 10 00-0036 for finishing tasks.		
13 49 19 16-0002 SF 1/32" Lead Lined 5/8" Fire Rated Drywall	26.17	1.50
13 49 19 16-0003 SF 1/16" Lead Lined 5/8" Fire Rated Drywall	46.47	1.79
13 49 19 16-0004 SF 1/8" Lead Lined 5/8" Fire Rated Drywall	85.56	2.16

END OF SECTION 13

13 Special Construction

13 40 Integrated Construction

13 49 Radiation Protection



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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14 Conveying Equipment

14 01 Operation and Maintenance of Conveying Equipment ⁽¹⁴⁾

14 01 20 Operation and Maintenance of Elevators ^(14 01)

14 01 20 71 Elevator Rehabilitation ^(14 01 20)

14 01 20 71-0001 Elevator Maintenance ^(14 01 20 71)

14 01 20 71-0002	EA	Regular Routine Elevator Inspection, Traction Up to 10 floors (Sufficient for Issue of Certificate/Permit)	582.76
14 01 20 71-0003	EA	Regular Routine Elevator Inspection, Traction Over 10 floors (Sufficient for Issue of Certificate/Permit)	777.01
14 01 20 71-0004	EA	Regular Routine Elevator Inspection, Hydraulic (Sufficient for Issue of Certificate/Permit)	485.63
14 01 20 71-0005	EA	Regular Routine Elevator Inspection, Roped Hydraulic (Sufficient for Issue of Certificate/Permit)	485.63
14 01 20 71-0006	EA	Regular Routine Elevator Inspection, Dumbwaiter/Cart Lifts (Sufficient for Issue of Certificate/Permit)	291.38
14 01 20 71-0007	HR	Elevator Servicing - Hydraulic, Labor Only	191.34
14 01 20 71-0008	HR	Elevator Servicing - Traction, Labor Only	239.17
14 01 20 71-0009	EA	Annual Category 1 Test for Traction Up to 10 floors	1,389.29
14 01 20 71-0010	EA	Annual Category 1 Test for Traction Over 10 floors	1,736.61
14 01 20 71-0011	EA	Annual Category 1 Test for Hydraulic Elevator	694.64
14 01 20 71-0012	EA	Annual Category 1 Test for Roped Hydraulic Elevator	1,562.95
14 01 20 71-0013	EA	Annual Category 1 Test for Dumbwaiter/Cart Lifts	1,041.97
14 01 20 71-0014	EA	Full Load Test for Traction Up to 10 floors	2,431.26
14 01 20 71-0015	EA	Full Load Test for Traction Over 10 floors	2,778.58
14 01 20 71-0016	EA	Full Load Test for Hydraulic Elevator	2,083.93
14 01 20 71-0017	EA	Full Load Test for Roped Hydraulic Elevator	2,604.91
14 01 20 71-0018	EA	Full Load Test for Dumbwaiter/Cart Lifts	1,389.29
14 01 20 71-0019	EA	Acceptance Test for Traction Up to 10 floors	2,146.86
14 01 20 71-0020	EA	Acceptance Test for Traction Over 10 floors	2,415.22
14 01 20 71-0021	EA	Acceptance Test for Hydraulic Elevator	2,146.86
14 01 20 71-0022	EA	Acceptance Test for Roped Hydraulic Elevator	2,146.86
14 01 20 71-0023	EA	Acceptance Test for Dumbwaiter/Cart Lifts	2,146.86

14 01 20 71-0024 Elevator Modernization ^(14 01 20 71)

14 01 20 71-0025	EA	5" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	40,281.08	8,589.31
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		<i>For Union-Guard Cathodic Protection, Add</i>	9,289.29	
		<i>Note: Includes Pump.</i>		
		<i>For An Additional Stop, Add</i>	9,954.48	
		<i>Note: Includes Removal.</i>		
14 01 20 71-0026	EA	6" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	43,479.87	10,378.74
		Note: Includes replacing existing piston/cylinder, 10 3/4" Sealed PVC, pit channel and buffers.		
		<i>For Union-Guard Cathodic Protection, Add</i>	9,381.17	
		<i>Note: Includes Pump.</i>		
		<i>For An Additional Stop, Add</i>	10,546.95	
		<i>Note: Includes Removal.</i>		
14 01 20 71-0027	EA	8" Piston Replacement (Hydraulic) Unit Up To 3 Stories (2,000 LB x 50 FPM)	51,756.11	11,810.30
		Note: Includes replacing existing piston/cylinder, 12 3/4" Sealed PVC, pit channel and buffers.		
		<i>For Union-Guard Cathodic Protection, Add</i>	10,851.17	
		<i>Note: Includes Pump.</i>		
		<i>For An Additional Stop, Add</i>	13,428.82	
		<i>Note: Includes Removal.</i>		
14 01 20 71-0028	EA	Removal And Replacement Of Hydraulic Control (Maxton) Valve	5,409.03	
14 01 20 71-0029	EA	5 Gallon Container Of Hydraulic Oil For Elevator Modernization	74.00	
14 01 20 71-0030	EA	55 Gallon Container Of Hydraulic Oil For Elevator Modernization	815.13	
14 01 20 71-0031	SET	Car Roller Guide Assembly, Set Of Four	4,237.30	715.78
		Note: Includes cover plate.		
14 01 20 71-0032	SET	CWT Roller Guide Assembly, Set Of Four	3,582.42	715.78
		Note: Includes cover plate.		
14 01 20 71-0033	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Baked Enamel Finish	7,798.91	
		Note: Excludes buildback.		
14 01 20 71-0034	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Single Slide Door With Satin Stainless Finish	8,533.91	
		Note: Excludes buildback.		
14 01 20 71-0035	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Baked Enamel Finish	8,271.15	
		Note: Excludes buildback.		
14 01 20 71-0036	EA	8" Wide New Entrance With Frame, Header, Doors, And Hangers - Center Opening With Satin Stainless Finish	9,006.15	
		Note: Excludes buildback.		
14 01 20 71-0037	SF	Epoxy Aggregate, Elevator Cab Flooring	88.92	20.45
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0038	SF	Aluminum Diamond Plate, Elevator Cab Flooring	75.88	20.45
		Note: SF cost not applicable for partial cab flooring.		
14 01 20 71-0039	SF	1/8" Thick, Vinyl Composition Tile (VCT), Elevator Cab Flooring	13.83	2.68
14 01 20 71-0040	EA	Solid State Starting (Soft Start)	6,204.24	536.83
14 01 20 71-0041	EA	Pump Unit (Tank, Valve, Oil, Motor And Victaulic Fittings)	20,020.26	2,997.31
14 01 20 71-0042	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Side Slide (GAL Manufacturing)	2,406.05	715.78
14 01 20 71-0043	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Side Slide (GAL Manufacturing)	452.80	178.94
14 01 20 71-0044	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Side Slide (GAL)	440.58	357.89
14 01 20 71-0045	EA	Hoistway Door Interlock Set, Single Speed Side Slide (GAL Manufacturing)	613.54	313.15
14 01 20 71-0046	EA	Hoistway Door Hanger Set (Rollers, Eccentrics And Track), Single Speed Center Opening (GAL Manufacturing)	2,902.33	715.78
14 01 20 71-0047	EA	Hoistway Door Closer Set (Spring Closer), Single Speed Center Opening (GAL Manufacturing)	610.35	331.05
14 01 20 71-0048	EA	Hoistway Door Closer Set (Spirator Closer), Single Speed Center Opening (GAL)	440.58	357.89

14 Conveying Equipment**14 01 Operation and Maintenance of Conveying Equipment****14 01 20 Operation and Maintenance of Elevators**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0049 EA Hoistway Door Interlock Set, Single Speed Center Opening (GAL Manufacturing).....	752.95	357.89
14 01 20 71-0050 EA Fire Service Key Switch Controller	3,819.45	715.78
14 01 20 71-0051 EA ADA Telephone (Rath Microtech).....	1,206.60	357.89
14 01 20 71-0052 EA Car Door Operator With ADA Buzzer, Single Speed Side Slide (GAL Manufacturing).....	8,649.54	1,431.55
14 01 20 71-0053 EA Car Door Operator With ADA Buzzer, Single Speed Center Opening (GAL Manufacturing).....	9,347.78	1,431.55
14 01 20 71-0054 EA Car Door Safety Edge (Infrared Proximity Type Edge).....	2,690.92	357.89
14 01 20 71-0055 EA Car Operating Panel (ADA, Fire, Position, Chime).....	9,145.66	1,431.55
14 01 20 71-0056 EA Car Position LED Indicator And Cover Plate, Stainless Steel.....	1,956.09	357.89
14 01 20 71-0057 EA Car Traveling Lanterns With Audible Signal	1,680.04	357.89
14 01 20 71-0058 EA Hoistway Door Jamb Floor Tags (Braille).....	245.09	178.94
14 01 20 71-0059 EA Lobby Vandal Resistant Call Station.....	1,578.97	357.89
14 01 20 71-0060 LF Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial).....	21.24	
Note: Excludes Removal and Replacement of Material. See CSI section 14 01 20 71-0061 for Removal and Replacement of Traveling Cable.		
14 01 20 71-0061 EA Removal And Replacement Of Traveling Cable (4 - #14 AWG, 69 - #18 AWG, 1 Shielded Pair, 2 Co-Axial).....	5,726.21	2,863.10
Note: Excludes Traveling Cable material. See CSI section 14 01 20 71-0060 for Traveling Cable material.		
14 01 20 71-0062 LF Governor Cable	1.65	
Note: Removal and Replacement of Governor Cable is part of Traveling Cable Removal and Replacement.		
14 01 20 71-0063 EA Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Plastic Laminate - Hang On Panels.....	6,547.72	715.78
14 01 20 71-0064 EA Elevator Cab Wall Coverings (3,500 Lb. Capacity: 6'-8" x 5'-5" Cab), Rigid Stainless Steel - Hang On Panels.....	9,487.72	715.78
14 01 20 71-0065 EA Removal And Replacement Of Governor.....	5,491.58	715.78
14 01 20 71-0066 EA Removal And Replacement Of Car Station.....	8,704.66	1,431.55
14 01 20 71-0067 EA Removal And Replacement Of Telephone.....	1,817.85	357.89
14 01 20 71-0068 EA Removal And Replacement Of Hall Lanterns	1,358.90	357.89
14 01 20 71-0069 EA Hall Call Buttons, Vandal Resistant.....	1,083.28	357.89
14 01 20 71-0070 EA Hall Traveling Lanterns With Audible Signal.....	1,716.78	357.89
14 01 20 71-0071 EA Add Raised Character (Braille) Signage To Control Panel	200.44	178.94
14 01 20 71-0072 EA New Microprocessor Based Controller (Non-Proprietary).....	46,993.06	5,726.21
14 01 20 71-0073 EA New Steel Shell And Canopy (Excludes Plastic Panels), For 5' x 7' Cab.....	26,964.31	5,726.21
14 01 20 71-0074 EA New Steel Shell, Canopy And Platform (Excludes Plastic Laminate), For 5' x 7' Cab	41,878.01	5,726.21
14 01 20 71-0075 EA Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Baked Enamel	3,360.08	
14 01 20 71-0076 EA Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Baked Enamel	3,562.21	
14 01 20 71-0077 EA Removal And Replacement Of Elevator/Hoistway Doors (Single Slide Door Arrangement), Stainless Steel	3,784.54	
14 01 20 71-0078 EA Removal And Replacement Of Elevator/Hoistway Doors (Center Opening Door Arrangement), Stainless Steel.....	4,027.09	
14 01 20 71-0079 EA Elevator Pit Ladder, Steel	3,157.95	357.89
Note: Labor cost is for bolting to concrete pit wall.		
14 01 20 71-0080 EA New Steel Shell, Canopy, Platform, Standard Cab Plastic Laminate, For 5' x 7' Cab.....	52,091.12	5,726.21
14 01 20 71-0081 LF Removal And Replacement Of Hoisting Cable, 3/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 4.5, EHS Traction Steel - 5.5.....	131.39	
Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0082 LF Removal And Replacement Of Hoisting Cable, 1/2" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 6.0, EHS Traction Steel - 9.7.....	140.09	
Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0083 LF Removal And Replacement Of Hoisting Cable, 5/8" - Liftpac, Bethlehem Wire Rope Minimum Breaking Strength (Tons): Traction Steel - 12.7, EHS Traction Steel - 15.4.....	146.03	
Note: Labor cost is for replacement of set of 4 ropes and rise of 40 feet.		
14 01 20 71-0084 EA Hydraulic Leak Detector And Alarm in Elevator Pit (Stancor Oil Minder - 0.5 HP).....	9,548.78	715.78
14 01 20 71-0085 EA 6" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening).....	3,801.08	715.78
Note: Cladding typically done by metal company.		
14 01 20 71-0086 EA 8" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening).....	3,892.95	715.78
Note: Cladding typically done by metal company.		
14 01 20 71-0087 EA 10" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening).....	3,984.83	715.78
Note: Cladding typically done by metal company.		
14 01 20 71-0088 EA 12" Wide Elevator Door Jamb And Header Wrapped With 0.030" Stainless Steel (42" x 84" Opening).....	4,095.08	715.78
Note: Cladding typically done by metal company.		
14 01 20 71-0089 EA "Rope Gripper" With Pumping Unit For Use On 4-7/8" Maximum Out to Out Of Cable.....	8,578.58	715.78
14 01 20 71-0090 EA "Rope Gripper" With Pumping Unit For Use On 6" Maximum Out to Out Of Cable.....	8,578.58	715.78
14 01 20 71-0091 EA "Rope Gripper" With Pumping Unit For Use On 10" Maximum Out to Out Of Cable.....	12,253.58	715.78
14 01 20 71-0092 EA "Rope Gripper" With Pumping Unit For Use On 11-1/2" Maximum Out to Out Of Cable.....	14,091.08	715.78
14 01 20 71-0093 EA 60 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock.....	5,009.38	181.95
14 01 20 71-0094 EA 100 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock.....	5,233.74	218.34
14 01 20 71-0095 EA 200 Amperes, Elevator Disconnect Switch, 3 Phase, 480 - 120 Volt, Firesafety Interface Relay, Mechanical Interlock.....	6,927.15	254.73
14 01 20 71-0096 EA Aluminum Handrail Spacers With Set Screw.....	217.10	178.94
14 01 20 71-0097 EA Bronze Handrail Spacers With Set Screw.....	222.19	178.94
14 01 20 71-0098 LF 1/2" x 2" Round Stainless Steel Elevator Handrail.....	151.28	42.11
14 01 20 71-0099 LF 3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish.....	145.29	42.11
14 01 20 71-0100 LF 3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Brushed Finish.....	173.29	42.11
14 01 20 71-0101 LF 3/8" x 2" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish.....	192.25	42.11
14 01 20 71-0102 LF 3/8" x 3" Flat Bar Stainless Steel Elevator Handrail, Mirror Finish.....	220.48	42.11
14 01 20 71-0103 LF 3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish.....	176.82	42.11
14 01 20 71-0104 LF 3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Brushed Finish.....	201.74	42.11
14 01 20 71-0105 LF 3/8" x 2" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish.....	316.07	42.11
14 01 20 71-0106 LF 3/8" x 3" Flat Bar Bronze Steel Elevator Handrail, Mirror Finish.....	355.61	42.11
14 01 20 71-0107 LF 3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish.....	144.33	42.11
14 01 20 71-0108 LF 3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish.....	145.86	42.11
14 01 20 71-0109 LF 3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Brushed Finish.....	187.26	42.11
14 01 20 71-0110 LF 3/8" x 1-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish.....	175.06	42.11
14 01 20 71-0111 LF 3/8" x 2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish.....	188.07	42.11
14 01 20 71-0112 LF 3/8" x 2-1/2" Diameter Tubular Stainless Steel Elevator Handrail, Mirror Finish.....	236.59	42.11
14 01 20 71-0113 LF 3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish.....	181.23	42.11
14 01 20 71-0114 LF 3/8" x 2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish.....	185.42	42.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 01 20 71-0115 LF 3/8" x 2-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Brushed Finish	313.09	42.11
14 01 20 71-0116 LF 3/8" x 1-1/2" Diameter Tubular Bronze Steel Elevator Handrail, Mirror Finish	204.16	42.11
14 01 20 71-0117 LF 3/8" x 2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	313.90	42.11
14 01 20 71-0118 LF 3/8" x 2-1/2" Diameter Tubular Bronze Elevator Handrail, Mirror Finish	355.61	42.11

14 20 Elevators ⁽¹⁴⁾

Note: Excludes final electrical work or shaft walls.

14 21 Electric Traction Elevators ^(14 20)

14 21 13 Electric Traction Freight Elevators ^(14 21)

14 21 13 00-0001 Electric Traction Freight Elevators ^(14 21 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings with power doors.

14 21 13 00-0002	EA	Electric Traction Freight Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings	363,799.49	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
		<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Class "C-1" Loading, Add</i>	1,771.12	
		<i>For Class "C-2" Loading, Add</i>	2,126.20	
		<i>For Class "C-3" Loading, Add</i>	2,908.64	
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Each Additional Stop, Add</i>	36,827.70	
		<i>For Each Floor < 6 Stops, Deduct</i>	-30,419.95	
		<i>For Each Additional 50 FPM, Add</i>	6,378.60	
		<i>For Removal Of Existing Elevator, Add</i>	43,786.59	
14 21 13 00-0003	EA	Electric Traction Freight Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings	387,230.01	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
		<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Class "C-1" Loading, Add</i>	3,542.25	
		<i>For Class "C-2" Loading, Add</i>	4,252.40	
		<i>For Class "C-3" Loading, Add</i>	5,893.83	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
		<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Each Additional Stop, Add</i>	37,890.80	
		<i>For Each Additional 50 FPM, Add</i>	6,378.60	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	318.93	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	637.86	
		<i>For Each Opening With Two Speed Doors, Add</i>	797.32	
		<i>For Removal Of Existing Elevator, Add</i>	43,786.59	
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,419.95	
14 21 13 00-0004	EA	Electric Traction Freight Elevator, 6,000 LB x 200 FPM, 6 Stops, 6 Openings	412,031.52	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Class "C-1" Loading, Add</i>	3,542.25	
		<i>For Class "C-2" Loading, Add</i>	4,252.40	
		<i>For Class "C-3" Loading, Add</i>	5,893.83	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
		<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Each Additional Stop, Add</i>	37,890.80	
		<i>For Each Additional 50 FPM, Add</i>	6,378.60	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	318.93	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	637.86	
		<i>For Each Opening With Two Speed Doors, Add</i>	797.32	
		<i>For Removal Of Existing Elevator, Add</i>	43,786.59	
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,419.95	
14 21 13 00-0005	EA	Electric Traction Freight Elevator, 7,000 LB x 200 FPM, 6 Stops, 6 Openings	422,330.76	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Class "C-1" Loading, Add</i>	3,542.25	
		<i>For Class "C-2" Loading, Add</i>	4,252.40	
		<i>For Class "C-3" Loading, Add</i>	5,893.83	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
		<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Each Additional Stop, Add</i>	37,890.80	
		<i>For Each Additional 50 FPM, Add</i>	6,378.60	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	318.93	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	637.86	
		<i>For Each Opening With Two Speed Doors, Add</i>	797.32	
		<i>For Removal Of Existing Elevator, Add</i>	43,786.59	
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,419.95	

14 Conveying Equipment**14 20 Elevators****14 21 Electric Traction Elevators**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 21 13 00-0006	EA	Electric Traction Freight Elevator, 8,000 LB x 200 FPM, 6 Stops, 6 Openings	435,370.44	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Each Additional 50 FPM, Add</i>	15,218.00	
		<i>For Class "C-1" Loading, Add</i>	7,086.62	
		<i>For Class "C-2" Loading, Add</i>	8,504.80	
		<i>For Class "C-3" Loading, Add</i>	11,634.57	
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Each Additional Stop, Add</i>	37,890.80	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	425.24	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	744.17	
		<i>For Each Opening With Two Speed Doors, Add</i>	903.64	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	6,378.60	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	8,504.80	
		<i>For Stainless Steel Cab Interior, Add</i>	10,631.00	
		<i>For Removal Of Existing Elevator, Add</i>	43,786.59	
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,419.95	
14 21 13 00-0007	EA	Electric Traction Freight Elevator, 10,000 LB x 200 FPM, 6 Stops, 6 Openings	450,526.21	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Each Additional 50 FPM, Add</i>	15,218.00	
		<i>For Class "C-1" Loading, Add</i>	7,086.62	
		<i>For Class "C-2" Loading, Add</i>	8,504.80	
		<i>For Class "C-3" Loading, Add</i>	11,634.57	
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Each Additional Stop, Add</i>	37,890.80	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	425.24	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	744.17	
		<i>For Each Opening With Two Speed Doors, Add</i>	903.64	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	6,378.60	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	8,504.80	
		<i>For Stainless Steel Cab Interior, Add</i>	10,631.00	
		<i>For Removal Of Existing Elevator, Add</i>	43,786.59	
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,419.95	
14 21 13 00-0008	EA	Electric Traction Freight Elevator, 12,000 LB x 200 FPM, 6 Stops, 6 Openings	463,129.97	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Each Additional 50 FPM, Add</i>	15,218.00	
		<i>For Class "C-1" Loading, Add</i>	7,086.62	
		<i>For Class "C-2" Loading, Add</i>	8,504.80	
		<i>For Class "C-3" Loading, Add</i>	11,634.57	
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Each Additional Stop, Add</i>	37,890.80	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	425.24	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	744.17	
		<i>For Each Opening With Two Speed Doors, Add</i>	903.64	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	6,378.60	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	8,504.80	
		<i>For Stainless Steel Cab Interior, Add</i>	10,631.00	
		<i>For Removal Of Existing Elevator, Add</i>	43,786.59	
		<i>For Each Floor < 6 Stops, Deduct</i>	-31,419.95	

14 21 23 Electric Traction Passenger Elevators (14 21)**14 21 23 13 Machine Room Electric Traction Passenger Elevators (14 21 23)****14 21 23 13-0001 Electric Traction Passenger Elevators (14 21 23 13)**

Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 6 stops (12 feet floor to floor) and 6 openings.

14 21 23 13-0002	EA	Electric Traction Passenger Elevator, 2,000 LB x 200 FPM, 6 Stops, 6 Openings	280,078.76	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
		<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
		<i>For Each Additional 50 FPM, Add</i>	6,277.42	
		<i>For Removal Of Existing Stop, Add</i>	4,379.50	
		<i>For Each Additional Stop, Add</i>	36,827.70	
		<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.75	
		<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
14 21 23 13-0003	EA	Electric Traction Passenger Elevator, 2,500 LB x 200 FPM, 6 Stops, 6 Openings	287,417.22	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
		<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
		<i>For Each Additional 50 FPM, Add</i>	6,277.42	
		<i>For Removal Of Existing Stop, Add</i>	4,379.50	
		<i>For Each Additional Stop, Add</i>	36,827.70	
		<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.75	
		<i>For Removal Of Existing Elevator, Add</i>	32,846.27	

Conveying Equipment	14	14
Elevators	14 20	
Electric Traction Elevators	14 21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 21 23 13-0004	EA		Electric Traction Passenger Elevator, 3,000 LB x 200 FPM, 6 Stops, 6 Openings.....	293,100.42	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
			<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
			<i>For Each Additional 50 FPM, Add</i>	6,277.42	
			<i>For Removal Of Existing Stop, Add</i>	4,379.50	
			<i>For Each Additional Stop, Add</i>	36,827.70	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.75	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
14 21 23 13-0005	EA		Electric Traction Passenger Elevator, 3,500 LB x 200 FPM, 6 Stops, 6 Openings.....	297,369.86	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
			<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
			<i>For Each Additional 50 FPM, Add</i>	6,277.42	
			<i>For Removal Of Existing Stop, Add</i>	4,379.50	
			<i>For Each Additional Stop, Add</i>	36,827.70	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.75	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
14 21 23 13-0006	EA		Electric Traction Passenger Elevator, 4,000 LB x 200 FPM, 6 Stops, 6 Openings.....	302,625.10	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
			<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
			<i>For Each Additional 50 FPM, Add</i>	6,277.42	
			<i>For Removal Of Existing Stop, Add</i>	4,379.50	
			<i>For Each Additional Stop, Add</i>	36,827.70	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.75	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
14 21 23 13-0007	EA		Electric Traction Passenger Elevator, 4,500 LB x 200 FPM, 6 Stops, 6 Openings.....	308,208.48	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
			<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
			<i>For Each Additional 50 FPM, Add</i>	6,277.42	
			<i>For Removal Of Existing Stop, Add</i>	4,379.50	
			<i>For Each Additional Stop, Add</i>	36,827.70	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.75	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
14 21 23 13-0008	EA		Electric Traction Passenger Elevator, 5,000 LB x 200 FPM, 6 Stops, 6 Openings.....	313,952.20	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
			<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
			<i>For Each Additional 50 FPM, Add</i>	6,277.42	
			<i>For Removal Of Existing Stop, Add</i>	4,379.50	
			<i>For Each Additional Stop, Add</i>	36,827.70	
			<i>For Each Floor < 6 Stops, Deduct</i>	-20,948.75	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	

14 24 Hydraulic Elevators ^(14 20)

Note: Prices are for a complete operating elevator including all standard controls, hydraulic motor and devices based on unit with cab sized 5' by 8' with galvanized primed shaft door with cab allowances as listed below.

14 24 13 Hydraulic Freight Elevators ^(14 24)

14 24 13 00-0001 Hydraulic Freight Elevators ^(14 24 13)

Note: Painted metal shaft doors and steel painted cab. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings with power doors.

14 24 13 00-0002	EA		Hydraulic Freight Elevator, 3,000 LB x 50 FPM, 3 Stops, 3 Openings.....	223,117.57	
			<i>For Each Additional Stop, Add</i>	27,888.49	
			<i>For 2 Stops, Deduct</i>	-15,840.23	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
			<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
			<i>For Each Additional 50 FPM, Add</i>	3,043.60	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Class "C-1" Loading, Add</i>	1,771.12	
			<i>For Class "C-2" Loading, Add</i>	2,126.20	
			<i>For Class "C-3" Loading, Add</i>	2,908.64	
			<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
			<i>Note: Includes Labor and Equipment.</i>		
			<i>For 12" PVC Liner, Add Per LF</i>	61.23	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For 12" Steel Liner, Add Per LF</i>	95.68	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For Removal Of Existing Stop, Add</i>	8,757.32	
			<i>For Removal Of Existing Elevator, Add</i>	21,893.30	

14 Conveying Equipment

14 20 Elevators

14 24 Hydraulic Elevators



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
14 24 13 00-0003	EA	Hydraulic Freight Elevator, 3,500 LB x 50 FPM, 3 Stops, 3 Openings.....	230,400.52	
		<i>For Each Additional Stop, Add</i>	27,888.49	
		<i>For 2 Stops, Deduct</i>	-15,840.23	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
		<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
		<i>For Each Additional 50 FPM, Add</i>	3,043.60	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Class "C-1" Loading, Add</i>	1,771.12	
		<i>For Class "C-2" Loading, Add</i>	2,126.20	
		<i>For Class "C-3" Loading, Add</i>	2,908.64	
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" PVC Liner, Add Per LF</i>	61.23	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For 12" Steel Liner, Add Per LF</i>	95.68	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Removal Of Existing Elevator, Add</i>	21,893.30	
14 24 13 00-0004	EA	Hydraulic Freight Elevator, 4,000 LB x 50 FPM, 3 Stops, 3 Openings.....	237,538.22	
		<i>For Each Additional Stop, Add</i>	27,888.49	
		<i>For 2 Stops, Deduct</i>	-15,840.23	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
		<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
		<i>For Each Additional 50 FPM, Add</i>	3,043.60	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Class "C-1" Loading, Add</i>	1,771.12	
		<i>For Class "C-2" Loading, Add</i>	2,126.20	
		<i>For Class "C-3" Loading, Add</i>	2,908.64	
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" PVC Liner, Add Per LF</i>	61.23	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For 12" Steel Liner, Add Per LF</i>	95.68	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Removal Of Existing Elevator, Add</i>	21,893.30	
14 24 13 00-0005	EA	Hydraulic Freight Elevator, 5,000 LB x 50 FPM, 3 Stops, 3 Openings.....	244,447.51	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	4,252.40	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	6,378.60	
		<i>For Stainless Steel Cab Interior, Add</i>	8,504.80	
		<i>For Each Additional 50 FPM, Add</i>	3,043.60	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Each Additional Stop, Add</i>	29,410.29	
		<i>For 2 Stops, Deduct</i>	-16,840.23	
		<i>For Class "C-1" Loading, Add</i>	3,542.25	
		<i>For Class "C-2" Loading, Add</i>	4,252.40	
		<i>For Class "C-3" Loading, Add</i>	5,893.83	
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" PVC Liner, Add Per LF</i>	61.23	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For 12" Steel Liner, Add Per LF</i>	95.68	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Removal Of Existing Elevator, Add</i>	21,893.30	
14 24 13 00-0006	EA	Hydraulic Freight Elevator, 6,000 LB x 50 FPM, 3 Stops, 3 Openings.....	258,814.47	
		<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
		<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
		<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
		<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
		<i>For Each Additional Stop, Add</i>	29,410.29	
		<i>For 2 Stops, Deduct</i>	-16,840.23	
		<i>For Class "C-1" Loading, Add</i>	3,542.25	
		<i>For Class "C-2" Loading, Add</i>	4,252.40	
		<i>For Class "C-3" Loading, Add</i>	5,893.83	
		<i>For Each Additional 50 FPM, Add</i>	15,218.00	
		<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
		<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
		<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
		<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
		<i>Note: Includes Labor and Equipment.</i>		
		<i>For 12" PVC Liner, Add Per LF</i>	61.23	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For 12" Steel Liner, Add Per LF</i>	95.68	
		<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
		<i>For Removal Of Existing Stop, Add</i>	8,757.32	
		<i>For Removal Of Existing Elevator, Add</i>	21,893.30	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24	13 00-0007	EA	Hydraulic Freight Elevator, 7,000 LB x 50 FPM, 3 Stops, 3 Openings.....	265,693.53	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Each Additional Stop, Add</i>	29,410.29	
			<i>For 2 Stops, Deduct</i>	-16,840.23	
			<i>For Class "C-1" Loading, Add</i>	3,542.25	
			<i>For Class "C-2" Loading, Add</i>	4,252.40	
			<i>For Class "C-3" Loading, Add</i>	5,893.83	
			<i>For Each Additional 50 FPM, Add</i>	15,218.00	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
			<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
			<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
			<i>Note: Includes Labor and Equipment.</i>		
			<i>For 12" PVC Liner, Add Per LF</i>	61.23	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For 12" Steel Liner, Add Per LF</i>	95.68	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For Removal Of Existing Stop, Add</i>	8,757.32	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
14 24	13 00-0008	EA	Hydraulic Freight Elevator, 8,000 LB x 50 FPM, 3 Stops, 3 Openings.....	276,225.02	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Each Additional Stop, Add</i>	29,410.29	
			<i>For 2 Stops, Deduct</i>	-16,840.23	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
			<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
			<i>For Each Additional 50 FPM, Add</i>	16,739.80	
			<i>For Class "C-1" Loading, Add</i>	8,855.62	
			<i>For Class "C-2" Loading, Add</i>	10,631.00	
			<i>For Class "C-3" Loading, Add</i>	14,543.21	
			<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
			<i>Note: Includes Labor and Equipment.</i>		
			<i>For 12" PVC Liner, Add Per LF</i>	61.23	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For 12" Steel Liner, Add Per LF</i>	95.68	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For Removal Of Existing Stop, Add</i>	8,757.32	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
14 24	13 00-0009	EA	Hydraulic Freight Elevator, 10,000 LB x 50 FPM, 3 Stops, 3 Openings.....	283,595.41	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Each Additional Stop, Add</i>	29,410.29	
			<i>For 2 Stops, Deduct</i>	-16,840.23	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
			<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
			<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
			<i>Note: Includes Labor and Equipment.</i>		
			<i>For 12" PVC Liner, Add Per LF</i>	61.23	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For 12" Steel Liner, Add Per LF</i>	95.68	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For Removal Of Existing Stop, Add</i>	8,757.32	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
			<i>For Each Additional 50 FPM, Add</i>	18,261.60	
			<i>For Class "C-1" Loading, Add</i>	11,778.08	
			<i>For Class "C-2" Loading, Add</i>	14,139.23	
			<i>For Class "C-3" Loading, Add</i>	19,342.04	
14 24	13 00-0010	EA	Hydraulic Freight Elevator, 12,000 LB x 50 FPM, 3 Stops, 3 Openings.....	296,584.77	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Each Opening With Two Speed Doors, Add</i>	913.08	
			<i>For Elevator With Manual Door, Deduct</i>	-10,000.00	
			<i>For Each Additional Stop, Add</i>	29,410.29	
			<i>For 2 Stops, Deduct</i>	-16,840.23	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	5,315.50	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	7,441.70	
			<i>For Stainless Steel Cab Interior, Add</i>	9,567.90	
			<i>For Well Hole Drilling (12" Diameter Hole), Add Per VLF</i>	299.63	
			<i>Note: Includes Labor and Equipment.</i>		
			<i>For 12" PVC Liner, Add Per LF</i>	61.23	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For 12" Steel Liner, Add Per LF</i>	95.68	
			<i>Note: Liner for Hydraulic Elevator Well Hole if necessary.</i>		
			<i>For Removal Of Existing Stop, Add</i>	8,757.32	
			<i>For Removal Of Existing Elevator, Add</i>	32,846.27	
			<i>For Each Additional 50 FPM, Add</i>	18,261.60	
			<i>For Class "C-1" Loading, Add</i>	11,778.08	
			<i>For Class "C-2" Loading, Add</i>	14,139.23	
			<i>For Class "C-3" Loading, Add</i>	19,342.04	

14 Conveying Equipment**14 20 Elevators****14 24 Hydraulic Elevators**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

14 24 13 00-0011	Hydraulic Elevators Piston Drilling ^(14 24 13)	
14 24 13 00-0012	VLF Up To 6" Diameter Piston Drilling	94.42
	Note: Includes casing.	
14 24 13 00-0013	VLF 8" To 10" Diameter Piston Drilling	112.76
	Note: Includes casing.	

14 24 23 Hydraulic Passenger Elevators ^(14 24)

14 24 23 00-0001	Hydraulic Passenger Elevators ^(14 24 23)	
	Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 3 stops (15 feet floor to floor) and 3 openings.	
14 24 23 00-0002	EA Hydraulic Passenger Elevator, 2,100 LB x 100 FPM, 3 Stops, 3 Openings.....	159,507.86
	For Each Additional Stop, Add	27,888.49
	For Each Opening With Bonderized Steel Door, Add	304.36
	For Each Opening With Stainless Steel Doors, Add	760.90
	For Custom Plastic Laminated Cab Interiors, Add	4,252.40
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,378.60
	For Stainless Steel Cab Interior, Add	8,504.80
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	299.63
	Note: Includes Labor and Equipment.	
	For 12" PVC Liner, Add Per LF	61.23
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For 12" Steel Liner, Add Per LF	95.68
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For Each Additional 50 FPM, Add	6,277.42
	For Removal Of Existing Elevator, Add	21,893.30
	For Removal Of Existing Stop, Add	4,379.50
	For 2 Stops, Deduct	-10,000.00
14 24 23 00-0003	EA Hydraulic Passenger Elevator, 2,500 LB x 100 FPM, 3 Stops, 3 Openings.....	162,551.46
	For Each Additional Stop, Add	27,888.49
	For Each Opening With Bonderized Steel Door, Add	304.36
	For Each Opening With Stainless Steel Doors, Add	760.90
	For Custom Plastic Laminated Cab Interiors, Add	4,252.40
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,378.60
	For Stainless Steel Cab Interior, Add	8,504.80
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	299.63
	Note: Includes Labor and Equipment.	
	For 12" PVC Liner, Add Per LF	61.23
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For 12" Steel Liner, Add Per LF	95.68
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For Each Additional 50 FPM, Add	6,277.42
	For Removal Of Existing Elevator, Add	21,893.30
	For Removal Of Existing Stop, Add	4,379.50
	For 2 Stops, Deduct	-10,000.00
14 24 23 00-0004	EA Hydraulic Passenger Elevator, 3,000 LB x 100 FPM, 3 Stops, 3 Openings.....	164,643.94
	For Each Additional Stop, Add	27,888.49
	For Each Opening With Bonderized Steel Door, Add	304.36
	For Each Opening With Stainless Steel Doors, Add	760.90
	For Custom Plastic Laminated Cab Interiors, Add	4,252.40
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,378.60
	For Stainless Steel Cab Interior, Add	8,504.80
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	299.63
	Note: Includes Labor and Equipment.	
	For 12" PVC Liner, Add Per LF	61.23
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For 12" Steel Liner, Add Per LF	95.68
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For Each Additional 50 FPM, Add	6,277.42
	For Removal Of Existing Elevator, Add	21,893.30
	For Removal Of Existing Stop, Add	4,379.50
	For 2 Stops, Deduct	-10,000.00
14 24 23 00-0005	EA Hydraulic Passenger Elevator, 3,500 LB x 100 FPM, 3 Stops, 3 Openings.....	172,353.01
	For Each Additional Stop, Add	27,888.49
	For Each Opening With Bonderized Steel Door, Add	304.36
	For Each Opening With Stainless Steel Doors, Add	760.90
	For Custom Plastic Laminated Cab Interiors, Add	4,252.40
	For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,378.60
	For Stainless Steel Cab Interior, Add	8,504.80
	For Well Hole Drilling (12" Diameter Hole), Add Per VLF	299.63
	Note: Includes Labor and Equipment.	
	For 12" PVC Liner, Add Per LF	61.23
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For 12" Steel Liner, Add Per LF	95.68
	Note: Liner for Hydraulic Elevator Well Hole if necessary.	
	For Each Additional 50 FPM, Add	6,277.42
	For Removal Of Existing Elevator, Add	21,893.30
	For Removal Of Existing Stop, Add	4,379.50
	For 2 Stops, Deduct	-10,000.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0006 EA Hydraulic Passenger Elevator, 4,000 LB x 100 FPM, 3 Stops, 3 Openings.....	175,534.04	
For Each Additional Stop, Add	27,888.49	
For Each Opening With Bonderized Steel Door, Add	304.36	
For Each Opening With Stainless Steel Doors, Add	760.90	
For Custom Plastic Laminated Cab Interiors, Add	4,252.40	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,378.60	
For Stainless Steel Cab Interior, Add	8,504.80	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	299.63	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	61.23	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	95.68	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Each Additional 50 FPM, Add	6,277.42	
For Removal Of Existing Elevator, Add	21,893.30	
For Removal Of Existing Stop, Add	4,379.50	
For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0007 EA Hydraulic Passenger Elevator, 4,500 LB x 100 FPM, 3 Stops, 3 Openings.....	179,985.31	
For Each Opening With Bonderized Steel Door, Add	304.36	
For Each Opening With Stainless Steel Doors, Add	760.90	
For Custom Plastic Laminated Cab Interiors, Add	4,252.40	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,378.60	
For Stainless Steel Cab Interior, Add	8,504.80	
For Each Additional Stop, Add	29,410.29	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	299.63	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	61.23	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	95.68	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Each Additional 50 FPM, Add	6,277.42	
For Removal Of Existing Elevator, Add	21,893.30	
For Removal Of Existing Stop, Add	4,379.50	
For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0008 EA Hydraulic Passenger Elevator, 5,000 LB x 100 FPM, 3 Stops, 3 Openings.....	184,224.50	
For Each Opening With Bonderized Steel Door, Add	304.36	
For Each Opening With Stainless Steel Doors, Add	760.90	
For Each Opening With Two Speed Doors, Add	913.08	
For Custom Plastic Laminated Cab Interiors, Add	4,252.40	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	6,378.60	
For Stainless Steel Cab Interior, Add	8,504.80	
For Each Additional Stop, Add	29,410.29	
For Well Hole Drilling (12" Diameter Hole), Add Per VLF	299.63	
Note: Includes Labor and Equipment.		
For 12" PVC Liner, Add Per LF	61.23	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For 12" Steel Liner, Add Per LF	95.68	
Note: Liner for Hydraulic Elevator Well Hole if necessary.		
For Each Additional 50 FPM, Add	6,277.42	
For Removal Of Existing Elevator, Add	21,893.30	
For Removal Of Existing Stop, Add	4,379.50	
For 2 Stops, Deduct	-10,000.00	
14 24 23 00-0009 Twin Holeless Hydraulic Passenger Elevator ^(14 24 23)		
Note: Baked enamel shaft doors and plastic laminate trimmed cab, allowance of \$7,500. Unit prices based on a shaft of 2 stops (10 feet floor to floor) and 2 openings.		
14 24 23 00-0010 EA Twin Holeless Hydraulic Passenger Elevator, 2,100 LB x 100 FPM.....	138,349.03	
For Each Opening With Bonderized Steel Door, Add	304.36	
For Each Opening With Stainless Steel Doors, Add	760.90	
For Custom Plastic Laminated Cab Interiors, Add	3,720.85	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,315.50	
For Stainless Steel Cab Interior, Add	6,378.60	
For Removal Of Existing Elevator, Add	21,893.30	
For Each Additional Stop, Add	29,501.16	
For An Additional 25 FPM, Add	2,564.23	
14 24 23 00-0011 EA Twin Holeless Hydraulic Passenger Elevator, 2,500 LB x 100 FPM.....	143,600.60	
For Each Opening With Bonderized Steel Door, Add	304.36	
For Each Opening With Stainless Steel Doors, Add	760.90	
For Custom Plastic Laminated Cab Interiors, Add	3,720.85	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,315.50	
For Stainless Steel Cab Interior, Add	6,378.60	
For Removal Of Existing Elevator, Add	21,893.30	
For Each Additional Stop, Add	29,501.16	
For An Additional 25 FPM, Add	2,564.23	
14 24 23 00-0012 EA Twin Holeless Hydraulic Passenger Elevator, 3,000 LB x 100 FPM.....	148,641.22	
For Each Opening With Bonderized Steel Door, Add	304.36	
For Each Opening With Stainless Steel Doors, Add	760.90	
For Custom Plastic Laminated Cab Interiors, Add	3,720.85	
For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add	5,315.50	
For Stainless Steel Cab Interior, Add	6,378.60	
For Removal Of Existing Elevator, Add	21,893.30	
For Each Additional Stop, Add	29,501.16	
For An Additional 25 FPM, Add	2,564.23	

14 Conveying Equipment**14 20 Elevators****14 24 Hydraulic Elevators**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
14 24 23 00-0013	EA		Twin Holeless Hydraulic Passenger Elevator, 3,500 LB x 100 FPM.....	173,170.61	
			<i>For Each Opening With Bonderized Steel Door, Add</i>	304.36	
			<i>For Each Opening With Stainless Steel Doors, Add</i>	760.90	
			<i>For Custom Plastic Laminated Cab Interiors, Add</i>	3,720.85	
			<i>For Custom Half Plastic Laminate And Half Stainless Steel Interior, Add</i>	5,315.50	
			<i>For Stainless Steel Cab Interior, Add</i>	6,378.60	
			<i>For Removal Of Existing Elevator, Add</i>	21,893.30	
			<i>For Each Additional Stop, Add</i>	29,501.16	
			<i>For An Additional 25 FPM, Add</i>	2,564.23	

14 26 Limited-Use/Limited-Application Elevators (14 20)**14 26 00 00-0001 Small Elevators (LULA)** (14 26)

14 26 00 00-0002	EA		Small Elevators (LULA), 1,400 LB x 30 FPM, 2 Stops, 2 Openings.....	91,171.27	
			Note: 3 phase, automatic operation, includes cab interior, telephone box and telephone. 2 stops and 12 feet of rise.		
			<i>For Each Additional Stop, Add</i>	18,277.39	
			<i>For Removal Of Existing Elevator, Add</i>	6,567.98	

14 27 Custom Elevator Cabs and Doors (14 20)**14 27 13 Custom Elevator Cab Finishes** (14 27)**14 27 13 00-0001 Custom Elevator Cab Finish Options** (14 27 13)

14 27 13 00-0002	EA		Intercom Service.....	1,431.99	
			Note: Review elevator task modifiers for additional cab finishes.		

14 27 13 00-0003 Custom Elevator Hall Finish Options (14 27 13)

14 27 13 00-0004	EA		Stainless Steel Door, Hall Finishes.....	1,846.85	
14 27 13 00-0005	EA		Stainless Steel Frames, Hall Finishes.....	1,940.76	
14 27 13 00-0006	EA		Hall Lantern, Signal Devices.....	950.20	

14 27 16 Custom Elevator Doors (14 27)**14 27 16 00-0001 Custom Elevator Door Options** (14 27 16)

14 27 16 00-0002	EA		Center Opening, 1 Speed Doors.....	3,694.38	
14 27 16 00-0003	EA		Center Opening, 2 Speed Doors.....	4,758.66	
14 27 16 00-0004	EA		Rear Opening Doors (Opposite Front).....	6,668.11	
14 27 16 00-0005	EA		Side Opening, 2 Speed Doors.....	10,643.53	
14 27 16 00-0006	EA		Bi-Parting Doors.....	11,147.61	
14 27 16 00-0007	EA		Power Operated Door And Gate.....	34,874.91	

14 28 Elevator Equipment and Controls (14 20)**14 28 16 Elevator Controls** (14 28)**14 28 16 00-0001 Passenger Or Freight Elevator Options** (14 28 16)

14 28 16 00-0002	EA		2 Car Group, Elevator Automatic Controls.....	9,068.91	1,085.29
14 28 16 00-0003	EA		3 Car Group, Elevator Automatic Controls.....	13,741.01	1,626.77
14 28 16 00-0004	EA		4 Car Group, Elevator Automatic Controls.....	21,311.59	2,169.03
14 28 16 00-0005	EA		5 Car Group, Elevator Automatic Controls.....	30,031.22	2,752.97
14 28 16 00-0006	EA		6 Car Group, Elevator Automatic Controls.....	41,978.57	3,253.52
14 28 16 00-0007	EA		Duplex Care Selective Collective.....	8,330.39	
14 28 16 00-0008	EA		Automatic Emergency Power Switching.....	4,918.42	
14 28 16 00-0009	EA		Manual Emergency Power Switching.....	943.94	
14 28 16 00-0010	EA		Up To 3, Position Indicator, Signal Devices.....	223.78	
14 28 16 00-0011	EA		>3, Position Indicator, Signal Devices.....	187.47	
14 28 16 00-0012	EA		High Speed Heavy Duty Door Opener.....	3,443.28	
14 28 16 00-0013	EA		Variable Voltage, Overhead Gearless Machine, Minimum.....	56,775.69	
14 28 16 00-0014	EA		Variable Voltage, Overhead Gearless Machine, Average.....	92,665.70	
14 28 16 00-0015	EA		Variable Voltage, Overhead Gearless Machine, Maximum.....	128,418.66	
14 28 16 00-0016	EA		Variable Voltage, Basement Installed Geared Machine, Minimum.....	23,672.68	
14 28 16 00-0017	EA		Variable Voltage, Basement Installed Geared Machine, Average.....	29,432.34	
14 28 16 00-0018	EA		Variable Voltage, Basement Installed Geared Machine, Maximum.....	32,687.80	

14 40 Lifts (14)**14 42 Wheelchair Lifts** (14 40)**14 42 13 Inclined Wheelchair Lifts** (14 42)**14 42 13 00-0001 Chair Lift-Stair Climber** (14 42 13)

14 42 13 00-0002	EA		Chair Lift, Stair Climber Per Story, Single Passenger, Indoor, 300 LB Capacity.....	7,626.42	1,065.31
			Note: Includes landing, rails, lifting device and gates.		
			Note: Includes top and bottom call button, safety chair, track, and power unit.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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14 42 16 Vertical Wheelchair Lifts ^(14 42)

14 42 16 00-0001 Wheelchair Lift (Shorty) ^(14 42 16)		
14 42 16 00-0002	EA 36" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp. <i>For Accordion Safety Skirt, Add</i> <i>For Removable Handrails, Add</i> <i>For Power Operated Ramp, Add</i>	9,000.87 1,002.44 102.16 893.90 745.72
14 42 16 00-0003	EA 42" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp. <i>For 2,000 LB Capacity, Add</i> <i>For 3,000 LB Capacity, Add</i> <i>For 4,000 LB Capacity, Add</i> <i>For Accordion Safety Skirt, Add</i> <i>For Removable Handrails, Add</i> <i>For Power Operated Ramp, Add</i>	11,072.31 600.19 1,002.44 1,500.48 1,002.44 102.16 893.90 932.14
14 42 16 00-0004	EA 70" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp. <i>For 2,000 LB Capacity, Add</i> <i>For 3,000 LB Capacity, Add</i> <i>For 4,000 LB Capacity, Add</i> <i>For Accordion Safety Skirt, Add</i> <i>For Removable Handrails, Add</i> <i>For Power Operated Ramp, Add</i>	13,212.15 600.19 1,002.44 1,500.48 1,002.44 102.16 893.90 1,211.78
14 42 16 00-0005	EA 84" Vertical Travel Wheelchair Platform Scissor Lift Note: 1000 LB capacity. Includes handrails and manual ramp. <i>For 2,000 LB Capacity, Add</i> <i>For 3,000 LB Capacity, Add</i> <i>For 4,000 LB Capacity, Add</i> <i>For Accordion Safety Skirt, Add</i> <i>For Removable Handrails, Add</i> <i>For Power Operated Ramp, Add</i>	14,849.40 600.19 1,002.44 1,500.48 1,002.44 102.16 893.90 1,398.21
14 42 16 00-0006	EA 18' Travel Wheelchair Incline Lift Note: 500 LB capacity, interior installation.	15,299.19 665.82

14 90 Other Conveying Equipment ⁽¹⁴⁾

14 91 Facility Chutes ^(14 90)

14 91 82 Trash Chutes ^(14 91)

14 91 82 00-0001 Trash Chutes ^(14 91 82)		
14 91 82 00-0002	LF 18" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	40.36 2.95 10.31 57.13
14 91 82 00-0003	LF 24" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	51.74 3.99 13.96 57.13
14 91 82 00-0004	LF 30" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	57.03 4.42 15.47 71.13
14 91 82 00-0005	LF 36" Diameter Galvanized Trash Chute, 18 Gauge, Duct With Supports <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	86.73 7.28 25.49 94.01 71.13
14 91 82 00-0006	EA Trash Chutes, Hopper <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	771.34 69.10 241.85 392.49
14 91 82 00-0007	EA Trash Chutes, Skylight..... <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	397.53 24.04 84.12 481.69 78.41
14 91 82 00-0008	EA Trash Chutes, Sprinkler Unit At Top <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	285.91 10.52 36.80 322.23 85.53
14 91 82 00-0009	EA Trash Chutes, Sprinkler Unit At Intake Hopper <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	78.29 1.80 6.31 84.40 29.93
14 91 82 00-0010	EA Refuse Type Bottom Storage Hopper Unit <i>For Aluminum, Add</i> <i>For Stainless Steel, Add</i>	670.60 44.46 155.62 870.68 106.92
14 91 82 00-0011	EA Hopper Doors	1,458.59 66.33

END OF SECTION 14

14	14	Conveying Equipment
	14 90	Other Conveying Equipment
	14 91	Facility Chutes



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 Fire Suppression

21 01 Operation and Maintenance of Fire Suppression ⁽²¹⁾

21 01 10 Operation and Maintenance of Water-Based Fire-Suppression Systems ^(21 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

21 01 10 91 Water-Based Fire-Suppression Systems Restoration ^(21 01 10)

21 01 10 91-0001	Relocate Sprinkler Head And Branch Piping ^(21 01 10 91)	See CSI section 21 13 13 00-0024 for new wet pipe sprinkler heads (when required).	
21 01 10 91-0002	EA Relocate 1 Existing Sprinkler Head And Branch Piping.....		451.72
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 91-0003	EA Relocate 2 To 4 Existing Sprinkler Heads And Branch Piping.....		271.04
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 91-0004	EA Relocate >4 To 10 Existing Sprinkler Heads And Branch Piping.....		108.42
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	
21 01 10 91-0005	EA Relocate >10 Existing Sprinkler Heads And Branch Piping.....		54.20
		Note: To adjust or swing existing sprinkler heads to different ceiling grid configuration or location.	

21 01 10 91-0006 Purge And Refill System Sprinkler Piping ^(21 01 10 91)

Note: Includes shutting off valve, draining pipe and collection of liquid, refilling with liquid and bleeding of air from system.

21 01 10 91-0007	EA Up To 100', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....		352.78
21 01 10 91-0008	EA >100 To 250', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....		503.84
21 01 10 91-0009	EA >250 To 500', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....		603.70
21 01 10 91-0010	EA >500 To 1,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....		754.63
21 01 10 91-0011	EA >1,000 To 2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....		981.02
21 01 10 91-0012	LF >2,000', Up To 1-1/2" Diameter Pipe, Purge Liquid System (For Sprinkler Upgrades).....		0.49
21 01 10 91-0013	EA Up To 100', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		493.90
21 01 10 91-0014	EA >100 To 250', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		705.39
21 01 10 91-0015	EA >250 To 500', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		845.19
21 01 10 91-0016	EA >500 To 1,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,056.48
21 01 10 91-0017	EA >1,000 To 2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,373.43
21 01 10 91-0018	LF >2,000', >1-1/2" To 3" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		0.69
21 01 10 91-0019	EA Up To 100', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		679.11
21 01 10 91-0020	EA >100 To 250', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		969.91
21 01 10 91-0021	EA >250 To 500', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,162.14
21 01 10 91-0022	EA >500 To 1,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,452.67
21 01 10 91-0023	EA >1,000 To 2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,888.47
21 01 10 91-0024	LF >2,000', >3" To 6" Diameter Branch Piping, Purge Liquid System (For Sprinkler Upgrades).....		0.95
21 01 10 91-0025	EA Up To 100', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....		916.80
21 01 10 91-0026	EA >100 To 250', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,309.37
21 01 10 91-0027	EA >250 To 500', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,390.12
21 01 10 91-0028	EA >500 To 1,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....		1,737.63
21 01 10 91-0029	EA >1,000 To 2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....		2,258.93
21 01 10 91-0030	LF >2,000', >6" To 10" Diameter Main Piping, Purge Liquid System (For Sprinkler Upgrades).....		1.13

21 01 30 Operation and Maintenance of Fire-Suppression Equipment ^(21 01)

21 01 30 91 Fire-Suppression Equipment Restoration ^(21 01 30)

21 01 30 91-0001	Inspection And Recharge ^(21 01 30 91)		
21 01 30 91-0002	EA Inspection, CO2, Carbon Dioxide.....		194.24
21 01 30 91-0003	LB Refill/Recharge, CO2, Carbon Dioxide.....		2.84
21 01 30 91-0004	EA Inspection, Halon 1301.....		194.24
21 01 30 91-0005	LB Refill/Recharge, Halon 1301.....		68.28
21 01 30 91-0006	EA Inspection, WC, Wet Chemical.....		117.45
21 01 30 91-0007	GAL Refill/Recharge, WC, Wet Chemical.....		64.01
21 01 30 91-0008	EA Inspection, DC, Dry Chemical.....		117.45
21 01 30 91-0009	LB Refill/Recharge, DC, Dry Chemical.....		5.69
21 01 30 91-0010	EA Hydrostatic Testing, All Sizes, All Agents.....	See CSI section 23 05 93 00-0046 for testing existing piping systems.	36.14
21 01 30 91-0011	EA Disarm/Arm System.....		63.24

21 05 Common Work Results for Fire Suppression ⁽²¹⁾

21 05 13 Common Motor Requirements for Fire-Suppression Equipment ^(21 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

21 05 16 Expansion Fittings and Loops for Fire-Suppression Piping ^(21 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping ^(21 05)

21 Fire Suppression**21 05 Common Work Results for Fire Suppression****21 05 17 Sleeves and Sleeve Seals for Fire-Suppression Piping**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

21 05 19 Meters and Gages for Fire-Suppression Systems ^(21 05)

See CSI section 33 19 00 00-0000 for water utility service metering.

21 05 19 00-0001		Fire Sprinkler System Water Pressure Gauge ^(21 05 19)		
21 05 19 00-0002	EA	2" Diameter Dial, 0-200 PSI, Water Pressure Gauge	44.42	11.07
		Note: For fire sprinkler systems		
21 05 19 00-0003	EA	2-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge	46.25	11.07
		Note: For fire sprinkler systems		
21 05 19 00-0004	EA	3" Diameter Dial, 0-300 PSI, Water Pressure Gauge	54.79	11.07
		Note: For fire sprinkler systems		
21 05 19 00-0005	EA	3-1/2" Diameter Dial, 0-300 PSI, Water Pressure Gauge	58.30	11.07
		Note: For fire sprinkler systems		
21 05 19 00-0006	EA	4" Diameter Dial, 0-300 PSI, Water Pressure Gauge	61.81	11.07
		Note: For fire sprinkler systems		
21 05 19 00-0007		Fire Service Meter Cast Iron Housing ^(21 05 19)		
21 05 19 00-0008	EA	3" Diameter, 0 - 600 GPM Fire Service Meter Flanged, With Cast Iron Housing	5,245.56	167.79
		For >10 To 25, Deduct	-262.28	
		For >25, Deduct	-765.84	
21 05 19 00-0009	EA	4" Diameter, 0 - 1,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	10,697.62	281.28
		For >10 To 25, Deduct	-534.88	
		For >25, Deduct	-1,569.39	
21 05 19 00-0010	EA	6" Diameter, 0 - 2,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	14,507.91	415.39
		For >10 To 25, Deduct	-725.40	
		For >25, Deduct	-2,124.08	
21 05 19 00-0011	EA	8" Diameter, 0 - 4,000 GPM Fire Service Meter Flanged, With Cast Iron Housing	18,920.94	530.77
		For >10 To 25, Deduct	-946.05	
		For >25, Deduct	-2,772.21	
21 05 19 00-0012	EA	10" Diameter, 0 - 6,200 GPM Fire Service Meter Flanged, With Cast Iron Housing	26,650.58	646.16
		For >10 To 25, Deduct	-1,332.53	
		For >25, Deduct	-3,916.82	

21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping

^(21 05)
See CSI section 22 05 23 00-0000 for additional valves, 23 05 23 00-0000 for additional valves.

21 05 23 00-0001		Globe Valves ^(21 05 23)		
21 05 23 00-0002		Threaded, 125 LB, Bronze Body, Angle Globe Valves ^(21 05 23 00-0001)		
		Note: Non-rising stem		
21 05 23 00-0003	EA	1/2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	60.44	10.72
21 05 23 00-0004	EA	3/4" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	76.79	11.25
21 05 23 00-0005	EA	1" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	106.38	11.25
21 05 23 00-0006	EA	1-1/4" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	161.24	14.26
21 05 23 00-0007	EA	1-1/2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	189.89	16.50
21 05 23 00-0008	EA	2" Threaded, 125 LB, Bronze Body, Angle Globe Valve (Kennedy 98SD)	224.97	19.50
21 05 23 00-0009		Butterfly Valves ^(21 05 23)		
21 05 23 00-0010		Grooved End Gear Operated Butterfly Valves ^(21 05 23 00-0009)		
21 05 23 00-0011	EA	2-1/2" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	496.84	17.47
21 05 23 00-0012	EA	3" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	545.61	20.93
21 05 23 00-0013	EA	4" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	571.67	27.54
21 05 23 00-0014	EA	6" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	811.39	45.11
21 05 23 00-0015	EA	8" Butterfly Valve, Grooved, With Standard Trim (Nibco GD-4765-8N)	1,168.14	63.46
21 05 23 00-0016		Grooved End, Wafer Type, Ductile Iron, Gear Operated Butterfly Valves ^(21 05 23 00-0009)		
21 05 23 00-0017	EA	2" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	499.35	14.11
21 05 23 00-0018	EA	2-1/2" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	508.23	17.47
21 05 23 00-0019	EA	3" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	560.79	20.93
21 05 23 00-0020	EA	4" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	581.15	27.54
21 05 23 00-0021	EA	6" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	809.49	45.11
21 05 23 00-0022	EA	8" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	1,204.19	63.46
21 05 23 00-0023	EA	10" Butterfly Valve, Grooved, Wafer Type, With Standard Trim (Nibco WD-3510)	1,865.78	85.77
21 05 23 00-0024		Check Valves ^(21 05 23)		
21 05 23 00-0025		Bronze Body, Threaded, 150 LB, Swing Check Valves ^(21 05 23 00-0024)		
21 05 23 00-0026	EA	1/2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	220.03	10.72
21 05 23 00-0027	EA	3/4" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	259.46	11.25
21 05 23 00-0028	EA	1" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	355.48	11.25
21 05 23 00-0029	EA	1-1/4" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	473.69	14.26
21 05 23 00-0030	EA	1-1/2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	621.81	16.50
21 05 23 00-0031	EA	2" Swing Check Valve, Bronze, Threaded, 150 LB (Nibco T-433-Y)	909.75	19.50
21 05 23 00-0032		Flanged, Iron Body, Bronze Trim, Swing Check Valves ^(21 05 23 00-0024)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0033 EA 2-1/2" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126).....	720.47	143.11
21 05 23 00-0034 EA 3" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126).....	819.87	167.79
21 05 23 00-0035 EA 4" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126).....	1,161.32	281.28
21 05 23 00-0036 EA 6" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126).....	1,717.47	338.73
21 05 23 00-0037 EA 8" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126).....	2,690.27	432.82
21 05 23 00-0038 EA 10" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126).....	4,208.39	526.91
21 05 23 00-0039 EA 12" Flanged, Iron Body, Bronze Trim, Swing Check Valves (Kennedy 126).....	5,845.05	639.81
21 05 23 00-0040 Iron Body Wafer Type Check Valve <small>(21 05 23 00-0024)</small>		
21 05 23 00-0041 EA 2-1/2" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W).....	574.05	143.20
21 05 23 00-0042 EA 3" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W).....	662.21	167.89
21 05 23 00-0043 EA 4" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W).....	817.89	281.45
21 05 23 00-0044 EA 6" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W).....	1,315.05	395.03
21 05 23 00-0045 EA 8" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W).....	1,889.18	454.28
21 05 23 00-0046 EA 10" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W).....	2,726.35	49.38
21 05 23 00-0047 EA 12" Check Valve, Twin Disc, Iron Body Wafer Type (Nibco KW-900-W).....	3,694.00	671.54
21 05 23 00-0048 Grooved End, Check Valves <small>(21 05 23 00-0024)</small>		
21 05 23 00-0049 EA 2-1/2" Check Valve, Grooved (Victaulic FireLock® 717).....	440.92	17.77
21 05 23 00-0050 EA 3" Check Valve, Grooved (Victaulic FireLock® 717).....	445.72	21.03
21 05 23 00-0051 EA 4" Check Valve, Grooved (Victaulic FireLock® 717).....	472.34	27.64
21 05 23 00-0052 EA 6" Check Valve, Grooved (Victaulic FireLock® 717).....	1,409.23	45.11
21 05 23 00-0053 EA 8" Check Valve, Grooved (Victaulic FireLock® 717).....	1,957.91	63.46
21 05 23 00-0054 Gate Valves <small>(21 05 23)</small>		
21 05 23 00-0055 Threaded, Bronze Gate Valves <small>(21 05 23 00-0054)</small>		
Note: Class 175		
21 05 23 00-0056 EA 1" Threaded, Bronze Gate Valve (Crane 459).....	690.02	13.40
21 05 23 00-0057 EA 1-1/4" Threaded, Bronze Gate Valve (Crane 459).....	843.40	14.26
21 05 23 00-0058 EA 1-1/2" Threaded, Bronze Gate Valve (Crane 459).....	1,003.65	16.50
21 05 23 00-0059 EA 2" Threaded, Bronze Gate Valve (Crane 459).....	1,252.75	19.50
21 05 23 00-0060 Flanged, Cast Iron Body, Bronze Trim Gate Valves <small>(21 05 23 00-0054)</small>		
Note: Class 175		
21 05 23 00-0061 EA 2-1/2" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467).....	966.12	143.11
21 05 23 00-0062 EA 3" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467).....	1,137.83	167.79
21 05 23 00-0063 EA 4" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467).....	1,597.72	281.28
21 05 23 00-0064 EA 6" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467).....	2,362.39	338.73
21 05 23 00-0065 EA 8" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467).....	3,472.08	432.82
21 05 23 00-0066 EA 10" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467).....	6,293.81	526.91
21 05 23 00-0067 EA 12" Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve (Crane 467).....	8,546.22	639.81
21 05 23 00-0068 Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves <small>(21 05 23 00-0054)</small>		
Note: Class 175		
21 05 23 00-0069 EA 2-1/2" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136).....	1,640.16	143.11
21 05 23 00-0070 EA 3" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136).....	1,910.75	167.79
21 05 23 00-0071 EA 4" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136).....	2,300.96	281.28
21 05 23 00-0072 EA 6" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136).....	2,955.64	338.73
21 05 23 00-0073 EA 8" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136).....	4,403.96	432.82
21 05 23 00-0074 EA 10" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136).....	6,353.37	526.91
21 05 23 00-0075 EA 12" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6136).....	8,213.00	639.81
21 05 23 00-0076 Flanged, Resilient Wedge, Ductile Iron Body, Gate Valves <small>(21 05 23 00-0054)</small>		
Note: Class 250. Square operating nut actuation type.		
21 05 23 00-0077 EA 3" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100).....	1,546.85	167.79
21 05 23 00-0078 EA 4" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100).....	1,949.83	281.28
21 05 23 00-0079 EA 6" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100).....	2,493.42	338.73
21 05 23 00-0080 EA 8" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100).....	3,755.32	432.82
21 05 23 00-0081 EA 10" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100).....	5,660.04	526.91
21 05 23 00-0082 EA 12" Outside Stem And Yoke, Flanged, Resilient Wedge, Epoxy Coated, Ductile Iron Body, Gate Valve (Clow F-6100).....	7,120.01	639.81
21 05 23 00-0083 Ball Valves <small>(21 05 23)</small>		

21 Fire Suppression**21 05 Common Work Results for Fire Suppression****21 05 23 General-Duty Valves for Water-Based Fire-Suppression Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 05 23 00-0084			Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728) ^(21 05 23 00-0083)		
21 05 23 00-0085	EA		1" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	445.59	13.40
21 05 23 00-0086	EA		1-1/4" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	485.45	14.26
21 05 23 00-0087	EA		1-1/2" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	574.14	16.50
21 05 23 00-0088	EA		2" Threaded, 125 LB, Full Port, Stainless Steel Trim, Brass Body, Ball Valves (Victaulic FireLock® 728)	691.00	19.50
21 05 23 00-0089			TESTanDRAIN® Valve ^(21 05 23)		
21 05 23 00-0090	EA		1/4" 3-Way Globe Valve With 1/4" NPT Test Port (AGF 7600)	226.95	12.76
21 05 23 00-0091	EA		1" Threaded TESTanDRAIN® Valve (AGF 1000)	255.84	15.43
21 05 23 00-0092	EA		1-1/4" Threaded TESTanDRAIN® Valve (AGF 1000)	312.45	19.49
21 05 23 00-0093	EA		1-1/2" Threaded TESTanDRAIN® Valve (AGF 1000)	491.75	22.51
21 05 23 00-0094	EA		2" Threaded TESTanDRAIN® Valve (AGF 1000)	515.41	26.59
21 05 23 00-0095	EA		1" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	362.78	15.43
21 05 23 00-0096	EA		1-1/4" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	418.35	19.49
21 05 23 00-0097	EA		1-1/2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	600.87	22.51
21 05 23 00-0098	EA		2" Threaded TESTanDRAIN® Valve With Relief Valve (AGF 1011)	627.43	26.59
21 05 29			Hangers and Supports for Fire-Suppression Piping and Equipment ^(21 05)		
			See CSI section 23 05 29 00-0000 for hangers and supports.		
21 05 33			Heat Tracing for Fire-Suppression Piping ^(21 05)		
			See CSI section 23 83 13 13-0000 for heat tracing cables.		
21 05 48			Vibration and Seismic Controls for Fire-Suppression Piping and Equipment ^(21 05)		
21 05 48 13			Vibration Controls for Fire-Suppression Piping and Equipment ^(21 05 48)		
			See CSI section 23 05 48 13-0000 for vibration and seismic control.		
21 05 53			Identification for Fire-Suppression Piping and Equipment ^(21 05)		
			See CSI section 23 05 53 00-0000 for identification.		
21 07			Fire-Suppression Systems Insulation ⁽²¹⁾		
21 07 16			Fire-Suppression Equipment Insulation ^(21 07)		
			See CSI section 23 07 16 00-0000 for fire-suppression equipment insulation.		
21 07 19			Fire-Suppression Piping Insulation ^(21 07)		
			See CSI section 22 07 19 00-0000 for fire-suppression piping insulation.		
21 10			Water-Based Fire-Suppression Systems ⁽²¹⁾		
			See CSI section 22 11 16 00-0368 for copper pipe, 22 11 16 00-0912 for CPVC pipe, 23 05 23 00-0037 for OS&Y gate valves, 23 21 13 23-0000 for black steel piping.		
21 11			Facility Fire-Suppression Water-Service Piping ^(21 10)		
21 11 19			Fire-Department Connections ^(21 11)		
21 11 19 00-0001			Fire Department Connections ^(21 11 19)		
21 11 19 00-0002	EA		4" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	933.67	285.39
			<i>For Polished Chrome, Add</i>	62.67	
21 11 19 00-0003	EA		6" x 2-1/2" x 2-1/2" Siamese Connection, Polished Brass	1,308.02	356.75
			<i>For Polished Chrome, Add</i>	95.92	
21 11 19 00-0004	EA		4" x 3" x 3" Siamese Connection, Polished Brass	1,404.45	285.39
			<i>For Polished Chrome, Add</i>	121.49	
21 11 19 00-0005	EA		6" x 3" x 3" Siamese Connection, Polished Brass	1,860.50	356.75
			<i>For Polished Chrome, Add</i>	164.98	
21 11 19 00-0006	EA		6" x 2-1/2" x 2-1/2" x 2-1/2" Siamese Connection, Three Way, Polished Brass	1,995.55	356.75
			<i>For Polished Chrome, Add</i>	181.86	
21 11 19 00-0007	EA		Sidewalk Type Connection With Plug And Chain, Polished Brass	1,693.82	377.57
			<i>For Polished Chrome, Add</i>	140.25	
21 11 19 00-0008	EA		Wall Type Connection With Plug And Chain, Polished Brass	1,076.12	285.39
			<i>For Polished Chrome, Add</i>	80.47	
21 11 19 00-0009			Wall Type Indicator Post, Wheel Operated ^(21 11 19)		
			See CSI section 33 14 19 00-0169 for adjustable indicator post accessory for ground valves.		
21 11 19 00-0010	EA		Wall Type Indicator Post With Wall Flange For Valve (Victaulic 773)	1,701.69	281.28
21 11 19 00-0011			Upright Indicator Post, Wheel Operated ^(21 11 19)		
21 11 19 00-0012	EA		Upright Indicator Post With Flange For Valve (Victaulic 774)	6,855.61	281.28
21 12			Fire-Suppression Standpipes ^(21 10)		
			See CSI section 23 21 13 23-0000 for black steel pipe.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 12 13 Fire-Suppression Hoses and Nozzles (21 12)

21 12 13 00-0001 Fire Hose (21 12 13)		
21 12 13 00-0002 Fire Hose Without Couplings (21 12 13 00-0001)		
21 12 13 00-0003	LF 1-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.41 1.81
21 12 13 00-0004	LF 2-1/2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.82 1.81
21 12 13 00-0005	LF 2" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.55 1.81
21 12 13 00-0006	LF 3" Linen Fire Hose With 1-1/2" Rubber Lining Without Couplings	2.99 1.81
21 12 13 00-0007	LF 1-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	2.76 1.81
21 12 13 00-0008	LF 2-1/2" Cotton Fire Hose, 300 LB Test With 1-1/2" Rubber Lining Without Couplings	3.45 1.81
21 12 13 00-0009	LF 1-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	2.86 1.81
21 12 13 00-0010	LF 2-1/2" Cotton Fire Hose, 400 LB Test With 1-1/2" Rubber Lining Without Couplings	3.68 1.81

21 12 13 00-0011 Fire Hose With Aluminum Couplings (21 12 13 00-0001)		
21 12 13 00-0012	LF 1-3/4" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	7.54 0.99
21 12 13 00-0013	LF 2-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	9.54 1.17
21 12 13 00-0014	LF 3-1/2" Polyester Fire Hose With Rubber Lining With Aluminum Couplings.....	16.84 1.17

21 12 13 00-0015 Fire Hose Accessories (21 12 13 00-0001)		
21 12 13 00-0016	EA Hose Coupling With 1-1/2" Pin Lug.....	248.40 29.82
21 12 13 00-0017	EA Hose Coupling With 2-1/2" Pin Lug.....	401.24 33.43
21 12 13 00-0018	EA 1-1/2" x 10" Brass Straight Nozzle.....	81.81 23.49
21 12 13 00-0019	EA 2-1/2" x 12" Brass Straight Nozzle.....	166.72 23.49
21 12 13 00-0020	EA 1-1/2" Brass Fog Type Nozzle.....	131.72 23.49
21 12 13 00-0021	EA 2-1/2" Brass Fog Type Nozzle.....	191.14 23.49
21 12 13 00-0022	EA 1-1/2" Brass 100' Hose Rack.....	278.02 99.38
21 12 13 00-0023	EA 2-1/2" Brass 100' Hose Rack.....	394.84 99.38

21 12 23 Fire-Suppression Hose Valves (21 12)

21 12 23 00-0001 Standpipe Valves (21 12 23)		
21 12 23 00-0002	EA 2-1/2" Fire Department Valve, Polished Brass With Plug And Chain..... <i>For Polished Chrome, Add</i>	608.72 188.79 48.42
21 12 23 00-0003	EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	990.84 188.70 105.74
21 12 23 00-0004	EA 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,281.61 204.12 145.84
21 12 23 00-0005	EA 3" x 3" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,541.48 188.70 188.34
21 12 23 00-0006	EA 3" x 3" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,812.30 204.12 225.44
21 12 23 00-0007	EA 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	932.31 188.70 96.96
21 12 23 00-0008	EA 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	1,373.38 204.12 159.61
21 12 23 00-0009	EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	1,764.87 194.81 176.37
21 12 23 00-0010	EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	2,532.53 216.44 264.55
21 12 23 00-0011	EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	1,896.54 194.81 192.17
21 12 23 00-0012	EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Projecting, Polished Brass..... <i>For Polished Chrome, Add</i>	2,730.92 216.44 288.35
21 12 23 00-0013	EA 2-1/2" x 2-1/2" x 2-1/2" x 6" Fire Department Valve, Square, Flush, Polished Brass..... <i>For Polished Chrome, Add</i>	12,674.87 259.69 1,228.13

21 12 23 00-0014 Fire Hose Angle Valves (21 12 23)		
21 12 23 00-0015	EA 1-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	211.31 24.40
21 12 23 00-0016	EA 1-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve.....	255.34 24.40
21 12 23 00-0017	EA 1-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	239.33 24.40
21 12 23 00-0018	EA 1-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	283.36 24.40
21 12 23 00-0019	EA 2-1/2", 300 LB Rated, Cast Brass, Fire Hose Angle Valve	377.82 40.66
21 12 23 00-0020	EA 2-1/2", 300 LB Rated, Polished Brass, Fire Hose Angle Valve	441.87 40.66
21 12 23 00-0021	EA 2-1/2", 300 LB Rated, Rough Chrome Plated, Fire Hose Angle Valve	447.21 40.66
21 12 23 00-0022	EA 2-1/2", 300 LB Rated, Polished Chrome Plated, Fire Hose Angle Valve	511.26 40.66

21 12 29 Fire-Suppression Fire Hose Equipment (21 12)

21 12 29 00-0001 Standpipe And Fire Hose Equipment (21 12 29)		
21 12 29 00-0002	EA 2-1/2" x 2-1/2" x 2-1/2" x 4" Manifold Roof Type, Vertical, Polished Brass	4,050.58 467.98
21 12 29 00-0003	EA Water Motor Gong	1,446.21 137.63
21 12 29 00-0004	EA Fire Riser Flow Switch (National Fire Protection Association 13)	1,442.07 16.01
21 12 29 00-0005	EA Water Flow Supervisory (Tamper) Switch Mounted On Valve	228.16 27.39

21 12 29 00-0006	Water Flow Detector (21 12 29)	
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21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 12 Fire-Suppression Standpipes**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
21 12 29 00-0007		Pressure-Type Water Flow Detector ^(21 12 29 00-0006)			
21 12 29 00-0008	EA	Pressure-Type Water Flow Detector For Up To 2-1/2" Pipe	349.26		84.28
21 12 29 00-0009	EA	Pressure-Type Water Flow Detector For >2-1/2" To 4" Pipe	509.63		111.68
21 12 29 00-0010	EA	Pressure-Type Water Flow Detector For >4" To 8" Pipe	820.39		126.42
21 12 29 00-0011		Vane-Type Water Flow Detector ^(21 12 29 00-0006)			
21 12 29 00-0012	EA	Vane-Type Water Flow Detector For Up To 2-1/2" Pipe	447.03		84.28
21 12 29 00-0013	EA	Vane-Type Water Flow Detector For >2-1/2" To 4" Pipe	629.41		111.68
21 12 29 00-0014	EA	Vane-Type Water Flow Detector For >4" To 8" Pipe	1,010.27		126.42
21 13 Fire-Suppression Sprinkler Systems ^(21 10)					
21 13 13 Wet-Pipe Sprinkler Systems ^(21 13)					
21 13 13 00-0001		Complete Wet Pipe Sprinkler Systems Assembly ^(21 13 13)			
<p>Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc) from riser pipe and mains. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1440 for individual grooved pipe, 23 21 13 23-1513 for individual grooved pipe fittings.</p>					
21 13 13 00-0002		Light Hazard, Complete Wet-Pipe Sprinkler Systems ^(21 13 13 00-0001)			
21 13 13 00-0003	EA	Exposed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	880.24		
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads.</p>					
		<i>For Copper Pipe, Add</i>	117.55		
		<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-161.57		
		<i>For Up To 5, Add</i>	381.06		
		<i>For >5 To 10, Add</i>	219.50		
		<i>For >10 To 20, Add</i>	131.47		
		<i>For >20 To 40, Add</i>	58.49		
		<i>For >100 To 150, Deduct</i>	-88.02		
		<i>For >150, Deduct</i>	-176.05		
21 13 13 00-0004	EA	Concealed Piping, Light Hazard, Complete Wet-Pipe Sprinkler System, Per Head	1,065.39		
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.</p>					
		<i>For Copper Pipe, Add</i>	138.48		
		<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-191.75		
		<i>For Up To 5, Add</i>	468.81		
		<i>For >5 To 10, Add</i>	277.06		
		<i>For >10 To 20, Add</i>	170.52		
		<i>For >20 To 40, Add</i>	74.60		
		<i>For >100 To 150, Deduct</i>	-106.54		
		<i>For >150, Deduct</i>	-213.08		
		<i>For Work In Restricted Working Space, Add</i>	127.96		
21 13 13 00-0005		Ordinary Hazard, Complete Wet-Pipe Sprinkler Systems ^(21 13 13 00-0001)			
21 13 13 00-0006	EA	Exposed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	858.48		
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads.</p>					
		<i>For Copper Pipe, Add</i>	114.46		
		<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-157.39		
		<i>For Up To 5, Add</i>	372.01		
		<i>For >5 To 10, Add</i>	214.62		
		<i>For >10 To 20, Add</i>	128.77		
		<i>For >20 To 40, Add</i>	57.23		
		<i>For >100 To 150, Deduct</i>	-85.85		
		<i>For >150, Deduct</i>	-171.70		
21 13 13 00-0007	EA	Concealed Piping, Ordinary Hazard, Complete Wet-Pipe Sprinkler System, Per Head	1,034.64		
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.</p>					
		<i>For Copper Pipe, Add</i>	134.15		
		<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-185.88		
		<i>For Up To 5, Add</i>	455.95		
		<i>For >5 To 10, Add</i>	270.06		
		<i>For >10 To 20, Add</i>	166.60		
		<i>For >20 To 40, Add</i>	72.78		
		<i>For >100 To 150, Deduct</i>	-103.46		
		<i>For >150, Deduct</i>	-206.93		
		<i>For Work In Restricted Working Space, Add</i>	126.27		
21 13 13 00-0008		Extra Hazard, Complete Wet-Pipe Sprinkler Systems ^(21 13 13 00-0001)			
21 13 13 00-0009	EA	Exposed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head	790.65		
<p>Note: Includes branch pipe and fittings, supports and sprinkler heads.</p>					
		<i>For Copper Pipe, Add</i>	105.27		
		<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-144.80		
		<i>For Up To 5, Add</i>	342.91		
		<i>For >5 To 10, Add</i>	198.11		
		<i>For >10 To 20, Add</i>	119.04		
		<i>For >20 To 40, Add</i>	52.86		
		<i>For >100 To 150, Deduct</i>	-79.07		
		<i>For >150, Deduct</i>	-158.13		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0010 EA Concealed Piping, Extra Hazard, Complete Wet-Pipe Sprinkler System, Per Head.....	955.11	
Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon.		
For Copper Pipe, Add	123.66	
For Polyvinyl Chloride (PVC) Pipe, Deduct	-171.42	
For Up To 5, Add	421.25	
For >5 To 10, Add	249.84	
For >10 To 20, Add	154.32	
For >20 To 40, Add	67.36	
For >100 To 150, Deduct	-95.51	
For >150, Deduct	-191.02	
For Work In Restricted Working Space, Add	117.63	
21 13 13 00-0011 Wet Pipe Sprinkler Components <small>(21 13 13)</small>		
Note: Excludes hydraulic calculations.		
21 13 13 00-0012 Wet Pipe Alarm Check Valves <small>(21 13 13 00-0011)</small>		
Note: Excludes trim package See CSI section 21 13 13 00-0018 for Wet Pipe Valve Trim.		
21 13 13 00-0013 EA 2-1/2" Wet Pipe Alarm Check Valve	1,927.56	115.89
21 13 13 00-0014 EA 3" Wet Pipe Alarm Check Valve	1,961.27	132.74
21 13 13 00-0015 EA 4" Wet Pipe Alarm Check Valve	2,146.70	225.46
21 13 13 00-0016 EA 6" Wet Pipe Alarm Check Valve	2,030.81	284.46
21 13 13 00-0017 EA 8" Wet Pipe Alarm Check Valve	3,719.54	360.31
21 13 13 00-0018 Wet Pipe Valve Trim <small>(21 13 13 00-0011)</small>		
Note: Vertical or Horizontal, closed drain, basic galvanized trim assembly package. Includes gauges, pressure switch, relief valve, drain line, and retard chamber.		
21 13 13 00-0019 EA 2-1/2" Wet Pipe Valve Trim.....	1,531.31	245.26
21 13 13 00-0020 EA 3" Wet Pipe Valve Trim.....	1,622.98	245.26
21 13 13 00-0021 EA 4" Wet Pipe Valve Trim.....	1,940.26	336.28
21 13 13 00-0022 EA 6" Wet Pipe Valve Trim.....	2,251.07	467.77
21 13 13 00-0023 EA 8" Wet Pipe Valve Trim.....	2,436.49	579.02
21 13 13 00-0024 Wet Pipe Sprinkler Heads <small>(21 13 13 00-0011)</small>		
21 13 13 00-0025 Upright Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0026 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Brass Wet Pipe Sprinkler Head	71.31	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.60	
For >100 To 500, Deduct	-9.93	
For >500 To 1,000, Deduct	-19.75	
For >1,000, Deduct	-27.88	
21 13 13 00-0027 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright Chrome Wet Pipe Sprinkler Head.....	74.43	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.75	
For >100 To 500, Deduct	-10.32	
For >500 To 1,000, Deduct	-20.31	
For >1,000, Deduct	-28.44	
21 13 13 00-0028 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	76.42	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.85	
For >100 To 500, Deduct	-10.57	
For >500 To 1,000, Deduct	-20.67	
For >1,000, Deduct	-28.80	
21 13 13 00-0029 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head	72.88	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.68	
For >100 To 500, Deduct	-10.13	
For >500 To 1,000, Deduct	-20.03	
For >1,000, Deduct	-28.16	
21 13 13 00-0030 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head	76.12	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.84	
For >100 To 500, Deduct	-10.53	
For >500 To 1,000, Deduct	-20.61	
For >1,000, Deduct	-28.75	
21 13 13 00-0031 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	78.20	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.94	
For >100 To 500, Deduct	-10.79	
For >500 To 1,000, Deduct	-20.99	
For >1,000, Deduct	-29.12	
21 13 13 00-0032 EA 1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Brass Wet Pipe Sprinkler Head	93.32	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.70	
For >100 To 500, Deduct	-12.68	
For >500 To 1,000, Deduct	-23.71	
For >1,000, Deduct	-31.84	
21 13 13 00-0033 EA 1/2" NPT Thread, 3/8" Orifice, Quick Response, Upright Chrome Wet Pipe Sprinkler Head	101.68	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-7.12	
For >100 To 500, Deduct	-13.73	
For >500 To 1,000, Deduct	-25.21	
For >1,000, Deduct	-33.35	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0034	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Brass Wet Pipe Sprinkler Head	93.32	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.70	
			<i>For >100 To 500, Deduct</i>	-12.68	
			<i>For >500 To 1,000, Deduct</i>	-23.71	
			<i>For >1,000, Deduct</i>	-31.84	
21 13 13 00-0035	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	101.68	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-7.12	
			<i>For >100 To 500, Deduct</i>	-13.73	
			<i>For >500 To 1,000, Deduct</i>	-25.21	
			<i>For >1,000, Deduct</i>	-33.35	
21 13 13 00-0036	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Brass Wet Pipe Sprinkler Head	82.49	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.16	
			<i>For >100 To 500, Deduct</i>	-11.33	
			<i>For >500 To 1,000, Deduct</i>	-21.76	
			<i>For >1,000, Deduct</i>	-29.89	
21 13 13 00-0037	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	86.57	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.36	
			<i>For >100 To 500, Deduct</i>	-11.84	
			<i>For >500 To 1,000, Deduct</i>	-22.49	
			<i>For >1,000, Deduct</i>	-30.63	
21 13 13 00-0038	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Brass Wet Pipe Sprinkler Head	82.45	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.38	
			<i>For >100 To 500, Deduct</i>	-11.44	
			<i>For >500 To 1,000, Deduct</i>	-22.52	
			<i>For >1,000, Deduct</i>	-31.55	
21 13 13 00-0039	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright Chrome Wet Pipe Sprinkler Head.....	87.22	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.62	
			<i>For >100 To 500, Deduct</i>	-12.03	
			<i>For >500 To 1,000, Deduct</i>	-23.38	
			<i>For >1,000, Deduct</i>	-32.41	
21 13 13 00-0040	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	88.19	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.67	
			<i>For >100 To 500, Deduct</i>	-12.15	
			<i>For >500 To 1,000, Deduct</i>	-23.55	
			<i>For >1,000, Deduct</i>	-32.59	
21 13 13 00-0041	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Brass Wet Pipe Sprinkler Head.....	82.45	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.38	
			<i>For >100 To 500, Deduct</i>	-11.44	
			<i>For >500 To 1,000, Deduct</i>	-22.52	
			<i>For >1,000, Deduct</i>	-31.55	
21 13 13 00-0042	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright Chrome Wet Pipe Sprinkler Head.....	87.22	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.62	
			<i>For >100 To 500, Deduct</i>	-12.03	
			<i>For >500 To 1,000, Deduct</i>	-23.38	
			<i>For >1,000, Deduct</i>	-32.41	
21 13 13 00-0043	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	88.19	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.67	
			<i>For >100 To 500, Deduct</i>	-12.15	
			<i>For >500 To 1,000, Deduct</i>	-23.55	
			<i>For >1,000, Deduct</i>	-32.59	
21 13 13 00-0044	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Brass Wet Pipe Sprinkler Head	80.33	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.05	
			<i>For >100 To 500, Deduct</i>	-11.06	
			<i>For >500 To 1,000, Deduct</i>	-21.37	
			<i>For >1,000, Deduct</i>	-29.50	
21 13 13 00-0045	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright Chrome Wet Pipe Sprinkler Head.....	83.45	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.21	
			<i>For >100 To 500, Deduct</i>	-11.45	
			<i>For >500 To 1,000, Deduct</i>	-21.93	
			<i>For >1,000, Deduct</i>	-30.07	
21 13 13 00-0046	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	84.05	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.24	
			<i>For >100 To 500, Deduct</i>	-11.52	
			<i>For >500 To 1,000, Deduct</i>	-22.04	
			<i>For >1,000, Deduct</i>	-30.17	
21 13 13 00-0047	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Brass Wet Pipe Sprinkler Head	80.33	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.05	
			<i>For >100 To 500, Deduct</i>	-11.06	
			<i>For >500 To 1,000, Deduct</i>	-21.37	
			<i>For >1,000, Deduct</i>	-29.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0048 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright Chrome Wet Pipe Sprinkler Head.....	83.45	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.21	
For >100 To 500, Deduct	-11.45	
For >500 To 1,000, Deduct	-21.93	
For >1,000, Deduct	-30.07	
21 13 13 00-0049 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	84.05	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.24	
For >100 To 500, Deduct	-11.52	
For >500 To 1,000, Deduct	-22.04	
For >1,000, Deduct	-30.17	
21 13 13 00-0050 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Combustible Concealed Space, Upright Brass Wet Pipe Sprinkler Head	84.04	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.24	
For >100 To 500, Deduct	-11.52	
For >500 To 1,000, Deduct	-22.04	
For >1,000, Deduct	-30.17	
21 13 13 00-0051 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	115.93	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-8.06	
For >100 To 500, Deduct	-15.62	
For >500 To 1,000, Deduct	-28.55	
For >1,000, Deduct	-37.58	
21 13 13 00-0052 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	119.52	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-8.23	
For >100 To 500, Deduct	-16.07	
For >500 To 1,000, Deduct	-29.19	
For >1,000, Deduct	-38.23	
21 13 13 00-0053 EA 3/4" NPT Thread, K=14.0, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	119.52	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-8.23	
For >100 To 500, Deduct	-16.07	
For >500 To 1,000, Deduct	-29.19	
For >1,000, Deduct	-38.23	
21 13 13 00-0054 EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Brass Wet Pipe Sprinkler Head	91.71	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.84	
For >100 To 500, Deduct	-12.59	
For >500 To 1,000, Deduct	-24.19	
For >1,000, Deduct	-33.22	
21 13 13 00-0055 EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright Chrome Wet Pipe Sprinkler Head.....	94.17	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.97	
For >100 To 500, Deduct	-12.90	
For >500 To 1,000, Deduct	-24.63	
For >1,000, Deduct	-33.66	
21 13 13 00-0056 EA 3/4" NPT Thread, K=11.2, Extended Coverage, Upright White Polyester Coated Wet Pipe Sprinkler Head.....	94.17	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.97	
For >100 To 500, Deduct	-12.90	
For >500 To 1,000, Deduct	-24.63	
For >1,000, Deduct	-33.66	
21 13 13 00-0057 EA 1/2" NPT Thread, K=5.6, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	296.44	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-16.86	
For >100 To 500, Deduct	-38.07	
For >500 To 1,000, Deduct	-60.27	
For >1,000, Deduct	-68.40	
21 13 13 00-0058 EA 3/4" NPT Thread, K=8.0, Quick Response, Upright Stainless Steel Wet Pipe Sprinkler Head	326.30	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-18.57	
For >100 To 500, Deduct	-41.92	
For >500 To 1,000, Deduct	-66.41	
For >1,000, Deduct	-75.45	
21 13 13 00-0059 EA 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head.....	152.66	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-9.67	
For >100 To 500, Deduct	-20.10	
For >500 To 1,000, Deduct	-34.39	
For >1,000, Deduct	-42.52	
21 13 13 00-0060 EA 1/2" NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	190.12	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-11.54	
For >100 To 500, Deduct	-24.78	
For >500 To 1,000, Deduct	-41.13	
For >1,000, Deduct	-49.27	
21 13 13 00-0061 EA 1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Brass Wet Pipe Sprinkler Head.....	346.77	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-19.37	
For >100 To 500, Deduct	-44.36	
For >500 To 1,000, Deduct	-69.33	
For >1,000, Deduct	-77.46	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0062	EA		1/2" NPT Thread, K=5.6, High Temperature (650 Degree), Upright Chrome Wet Pipe Sprinkler Head	444.39	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-24.25	
			<i>For >100 To 500, Deduct</i>	-56.57	
			<i>For >500 To 1,000, Deduct</i>	-86.90	
			<i>For >1,000, Deduct</i>	-95.03	
21 13 13 00-0063	EA		3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Brass Wet Pipe Sprinkler Head	194.63	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-11.99	
			<i>For >100 To 500, Deduct</i>	-25.46	
			<i>For >500 To 1,000, Deduct</i>	-42.71	
			<i>For >1,000, Deduct</i>	-51.75	
21 13 13 00-0064	EA		3/4" NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Upright Chrome Wet Pipe Sprinkler Head	195.76	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-12.05	
			<i>For >100 To 500, Deduct</i>	-25.60	
			<i>For >500 To 1,000, Deduct</i>	-42.92	
			<i>For >1,000, Deduct</i>	-51.95	
21 13 13 00-0065			Conventional Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0066	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Brass Wet Pipe Sprinkler Head	71.31	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.60	
			<i>For >100 To 500, Deduct</i>	-9.93	
			<i>For >500 To 1,000, Deduct</i>	-19.75	
			<i>For >1,000, Deduct</i>	-27.88	
21 13 13 00-0067	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional Chrome Wet Pipe Sprinkler Head	74.43	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.75	
			<i>For >100 To 500, Deduct</i>	-10.32	
			<i>For >500 To 1,000, Deduct</i>	-20.31	
			<i>For >1,000, Deduct</i>	-28.44	
21 13 13 00-0068	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Conventional White Polyester Coated Wet Pipe Sprinkler Head	76.42	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.85	
			<i>For >100 To 500, Deduct</i>	-10.57	
			<i>For >500 To 1,000, Deduct</i>	-20.67	
			<i>For >1,000, Deduct</i>	-28.80	
21 13 13 00-0069	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Brass Wet Pipe Sprinkler Head	83.56	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.44	
			<i>For >100 To 500, Deduct</i>	-11.57	
			<i>For >500 To 1,000, Deduct</i>	-22.72	
			<i>For >1,000, Deduct</i>	-31.75	
21 13 13 00-0070	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional Chrome Wet Pipe Sprinkler Head	87.22	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.62	
			<i>For >100 To 500, Deduct</i>	-12.03	
			<i>For >500 To 1,000, Deduct</i>	-23.38	
			<i>For >1,000, Deduct</i>	-32.41	
21 13 13 00-0071	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Conventional White Polyester Coated Wet Pipe Sprinkler Head	87.79	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.65	
			<i>For >100 To 500, Deduct</i>	-12.10	
			<i>For >500 To 1,000, Deduct</i>	-23.48	
			<i>For >1,000, Deduct</i>	-32.52	
21 13 13 00-0072	EA		1/2" NPT Thread, K=5.6, Quick Response, Conventional Stainless Steel Wet Pipe Sprinkler Head	296.44	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-16.86	
			<i>For >100 To 500, Deduct</i>	-38.07	
			<i>For >500 To 1,000, Deduct</i>	-60.27	
			<i>For >1,000, Deduct</i>	-68.40	
21 13 13 00-0073			Pendant Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
			See CSI section 21 13 13 00-0209 for escutcheon for recessed pendant sprinkler head.		
21 13 13 00-0074	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Brass Wet Pipe Sprinkler Head	71.31	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.60	
			<i>For >100 To 500, Deduct</i>	-9.93	
			<i>For >500 To 1,000, Deduct</i>	-19.75	
			<i>For >1,000, Deduct</i>	-27.88	
21 13 13 00-0075	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant Chrome Wet Pipe Sprinkler Head	74.43	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.75	
			<i>For >100 To 500, Deduct</i>	-10.32	
			<i>For >500 To 1,000, Deduct</i>	-20.31	
			<i>For >1,000, Deduct</i>	-28.44	
21 13 13 00-0076	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendant White Polyester Coated Wet Pipe Sprinkler Head	76.42	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.85	
			<i>For >100 To 500, Deduct</i>	-10.57	
			<i>For >500 To 1,000, Deduct</i>	-20.67	
			<i>For >1,000, Deduct</i>	-28.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0077 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	82.45	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.38	
For >100 To 500, Deduct	-11.44	
For >500 To 1,000, Deduct	-22.52	
For >1,000, Deduct	-31.55	
21 13 13 00-0078 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....	87.22	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.62	
For >100 To 500, Deduct	-12.03	
For >500 To 1,000, Deduct	-23.38	
For >1,000, Deduct	-32.41	
21 13 13 00-0079 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	88.19	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.67	
For >100 To 500, Deduct	-12.15	
For >500 To 1,000, Deduct	-23.55	
For >1,000, Deduct	-32.59	
21 13 13 00-0080 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Brass Wet Pipe Sprinkler Head	80.33	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.05	
For >100 To 500, Deduct	-11.06	
For >500 To 1,000, Deduct	-21.37	
For >1,000, Deduct	-29.50	
21 13 13 00-0081 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent Chrome Wet Pipe Sprinkler Head.....	83.45	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.21	
For >100 To 500, Deduct	-11.45	
For >500 To 1,000, Deduct	-21.93	
For >1,000, Deduct	-30.07	
21 13 13 00-0082 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Pendent White Polyester Coated Wet Pipe Sprinkler Head	84.05	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.24	
For >100 To 500, Deduct	-11.52	
For >500 To 1,000, Deduct	-22.04	
For >1,000, Deduct	-30.17	
21 13 13 00-0083 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head	80.33	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.05	
For >100 To 500, Deduct	-11.06	
For >500 To 1,000, Deduct	-21.37	
For >1,000, Deduct	-29.50	
21 13 13 00-0084 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head.....	83.45	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.21	
For >100 To 500, Deduct	-11.45	
For >500 To 1,000, Deduct	-21.93	
For >1,000, Deduct	-30.07	
21 13 13 00-0085 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	84.05	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.24	
For >100 To 500, Deduct	-11.52	
For >500 To 1,000, Deduct	-22.04	
For >1,000, Deduct	-30.17	
21 13 13 00-0086 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	80.33	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.05	
For >100 To 500, Deduct	-11.06	
For >500 To 1,000, Deduct	-21.37	
For >1,000, Deduct	-29.50	
21 13 13 00-0087 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	83.45	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.21	
For >100 To 500, Deduct	-11.45	
For >500 To 1,000, Deduct	-21.93	
For >1,000, Deduct	-30.07	
21 13 13 00-0088 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead.....	84.05	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.24	
For >100 To 500, Deduct	-11.52	
For >500 To 1,000, Deduct	-22.04	
For >1,000, Deduct	-30.17	
21 13 13 00-0089 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	71.31	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.60	
For >100 To 500, Deduct	-9.93	
For >500 To 1,000, Deduct	-19.75	
For >1,000, Deduct	-27.88	
21 13 13 00-0090 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent Chrome Wet Pipe Sprinkler Head, Low Lead	74.43	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.75	
For >100 To 500, Deduct	-10.32	
For >500 To 1,000, Deduct	-20.31	
For >1,000, Deduct	-28.44	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0091	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Pendent White Polyester Coated Wet Pipe Sprinkler Head, Low Lead.....	76.42	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.85	
			<i>For >100 To 500, Deduct</i>	-10.57	
			<i>For >500 To 1,000, Deduct</i>	-20.67	
			<i>For >1,000, Deduct</i>	-28.80	
21 13 13 00-0092	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head	72.88	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.68	
			<i>For >100 To 500, Deduct</i>	-10.13	
			<i>For >500 To 1,000, Deduct</i>	-20.03	
			<i>For >1,000, Deduct</i>	-28.16	
21 13 13 00-0093	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head.....	75.09	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.79	
			<i>For >100 To 500, Deduct</i>	-10.40	
			<i>For >500 To 1,000, Deduct</i>	-20.43	
			<i>For >1,000, Deduct</i>	-28.56	
21 13 13 00-0094	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	77.11	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.89	
			<i>For >100 To 500, Deduct</i>	-10.66	
			<i>For >500 To 1,000, Deduct</i>	-20.79	
			<i>For >1,000, Deduct</i>	-28.92	
21 13 13 00-0095	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Brass Wet Pipe Sprinkler Head.....	85.40	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.53	
			<i>For >100 To 500, Deduct</i>	-11.80	
			<i>For >500 To 1,000, Deduct</i>	-23.05	
			<i>For >1,000, Deduct</i>	-32.08	
21 13 13 00-0096	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent Chrome Wet Pipe Sprinkler Head.....	89.45	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.73	
			<i>For >100 To 500, Deduct</i>	-12.31	
			<i>For >500 To 1,000, Deduct</i>	-23.78	
			<i>For >1,000, Deduct</i>	-32.81	
21 13 13 00-0097	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	89.45	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.73	
			<i>For >100 To 500, Deduct</i>	-12.31	
			<i>For >500 To 1,000, Deduct</i>	-23.78	
			<i>For >1,000, Deduct</i>	-32.81	
21 13 13 00-0098	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	82.49	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.16	
			<i>For >100 To 500, Deduct</i>	-11.33	
			<i>For >500 To 1,000, Deduct</i>	-21.76	
			<i>For >1,000, Deduct</i>	-29.89	
21 13 13 00-0099	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....	86.57	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.36	
			<i>For >100 To 500, Deduct</i>	-11.84	
			<i>For >500 To 1,000, Deduct</i>	-22.49	
			<i>For >1,000, Deduct</i>	-30.63	
21 13 13 00-0100	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	92.69	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.67	
			<i>For >100 To 500, Deduct</i>	-12.60	
			<i>For >500 To 1,000, Deduct</i>	-23.60	
			<i>For >1,000, Deduct</i>	-31.73	
21 13 13 00-0101	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....	99.39	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-7.00	
			<i>For >100 To 500, Deduct</i>	-13.44	
			<i>For >500 To 1,000, Deduct</i>	-24.80	
			<i>For >1,000, Deduct</i>	-32.93	
21 13 13 00-0102	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Brass Wet Pipe Sprinkler Head	92.69	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-6.67	
			<i>For >100 To 500, Deduct</i>	-12.60	
			<i>For >500 To 1,000, Deduct</i>	-23.60	
			<i>For >1,000, Deduct</i>	-31.73	
21 13 13 00-0103	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Pendent Chrome Wet Pipe Sprinkler Head.....	99.39	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-7.00	
			<i>For >100 To 500, Deduct</i>	-13.44	
			<i>For >500 To 1,000, Deduct</i>	-24.80	
			<i>For >1,000, Deduct</i>	-32.93	
21 13 13 00-0104	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head.....	77.20	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.89	
			<i>For >100 To 500, Deduct</i>	-10.67	
			<i>For >500 To 1,000, Deduct</i>	-20.81	
			<i>For >1,000, Deduct</i>	-28.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0105 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	80.72	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.07	
For >100 To 500, Deduct	-11.11	
For >500 To 1,000, Deduct	-21.44	
For >1,000, Deduct	-29.57	
21 13 13 00-0106 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	82.55	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.16	
For >100 To 500, Deduct	-11.34	
For >500 To 1,000, Deduct	-21.77	
For >1,000, Deduct	-29.90	
21 13 13 00-0107 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	83.93	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.46	
For >100 To 500, Deduct	-11.62	
For >500 To 1,000, Deduct	-22.79	
For >1,000, Deduct	-31.82	
21 13 13 00-0108 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	87.40	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.63	
For >100 To 500, Deduct	-12.05	
For >500 To 1,000, Deduct	-23.41	
For >1,000, Deduct	-32.44	
21 13 13 00-0109 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	90.76	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.80	
For >100 To 500, Deduct	-12.47	
For >500 To 1,000, Deduct	-24.02	
For >1,000, Deduct	-33.05	
21 13 13 00-0110 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	79.19	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.99	
For >100 To 500, Deduct	-10.92	
For >500 To 1,000, Deduct	-21.17	
For >1,000, Deduct	-29.30	
21 13 13 00-0111 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	82.63	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.16	
For >100 To 500, Deduct	-11.35	
For >500 To 1,000, Deduct	-21.79	
For >1,000, Deduct	-29.92	
21 13 13 00-0112 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	84.51	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.26	
For >100 To 500, Deduct	-11.58	
For >500 To 1,000, Deduct	-22.12	
For >1,000, Deduct	-30.26	
21 13 13 00-0113 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head	85.40	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.53	
For >100 To 500, Deduct	-11.80	
For >500 To 1,000, Deduct	-23.05	
For >1,000, Deduct	-32.08	
21 13 13 00-0114 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head	89.02	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.71	
For >100 To 500, Deduct	-12.26	
For >500 To 1,000, Deduct	-23.70	
For >1,000, Deduct	-32.74	
21 13 13 00-0115 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head	92.51	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.88	
For >100 To 500, Deduct	-12.69	
For >500 To 1,000, Deduct	-24.33	
For >1,000, Deduct	-33.36	
21 13 13 00-0116 EA 1/2" NPT Thread, 1/2" Orifice, Decorative Pendent Chrome Wet Pipe Sprinkler Head	133.92	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-8.73	
For >100 To 500, Deduct	-17.76	
For >500 To 1,000, Deduct	-31.02	
For >1,000, Deduct	-39.15	
21 13 13 00-0117 EA 1/2" NPT Thread, 1/2" Orifice, Decorative Pendent White Polyester Coated Wet Pipe Sprinkler Head	133.92	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-8.73	
For >100 To 500, Deduct	-17.76	
For >500 To 1,000, Deduct	-31.02	
For >1,000, Deduct	-39.15	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0118	EA	3/4"	NPT Thread, K=14.0, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head.....	95.31	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-7.02	
			<i>For >100 To 500, Deduct</i>	-13.04	
			<i>For >500 To 1,000, Deduct</i>	-24.83	
			<i>For >1,000, Deduct</i>	-33.87	
21 13 13 00-0119	EA	3/4"	NPT Thread, K=14.0, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head.....	97.95	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-7.16	
			<i>For >100 To 500, Deduct</i>	-13.37	
			<i>For >500 To 1,000, Deduct</i>	-25.31	
			<i>For >1,000, Deduct</i>	-34.34	
21 13 13 00-0120	EA	3/4"	NPT Thread, K=14.0, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	97.95	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-7.16	
			<i>For >100 To 500, Deduct</i>	-13.37	
			<i>For >500 To 1,000, Deduct</i>	-25.31	
			<i>For >1,000, Deduct</i>	-34.34	
21 13 13 00-0121	EA	3/4"	NPT Thread, K=11.2, Extended Coverage, Pendent Brass Wet Pipe Sprinkler Head.....	91.71	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.84	
			<i>For >100 To 500, Deduct</i>	-12.59	
			<i>For >500 To 1,000, Deduct</i>	-24.19	
			<i>For >1,000, Deduct</i>	-33.22	
21 13 13 00-0122	EA	3/4"	NPT Thread, K=11.2, Extended Coverage, Pendent Chrome Wet Pipe Sprinkler Head.....	94.17	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.97	
			<i>For >100 To 500, Deduct</i>	-12.90	
			<i>For >500 To 1,000, Deduct</i>	-24.63	
			<i>For >1,000, Deduct</i>	-33.66	
21 13 13 00-0123	EA	3/4"	NPT Thread, K=11.2, Extended Coverage, Pendent White Polyester Coated Wet Pipe Sprinkler Head.....	94.17	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.97	
			<i>For >100 To 500, Deduct</i>	-12.90	
			<i>For >500 To 1,000, Deduct</i>	-24.63	
			<i>For >1,000, Deduct</i>	-33.66	
21 13 13 00-0124	EA	1/2"	NPT Thread, K=5.6, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head.....	296.44	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-16.86	
			<i>For >100 To 500, Deduct</i>	-38.07	
			<i>For >500 To 1,000, Deduct</i>	-60.27	
			<i>For >1,000, Deduct</i>	-68.40	
21 13 13 00-0125	EA	3/4"	NPT Thread, K=8.0, Quick Response, Pendent Stainless Steel Wet Pipe Sprinkler Head.....	326.30	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-18.57	
			<i>For >100 To 500, Deduct</i>	-41.92	
			<i>For >500 To 1,000, Deduct</i>	-66.41	
			<i>For >1,000, Deduct</i>	-75.45	
21 13 13 00-0126	EA	1/2"	NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head.....	152.66	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-9.67	
			<i>For >100 To 500, Deduct</i>	-20.10	
			<i>For >500 To 1,000, Deduct</i>	-34.39	
			<i>For >1,000, Deduct</i>	-42.52	
21 13 13 00-0127	EA	1/2"	NPT Thread, K=5.6, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head.....	190.12	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-11.54	
			<i>For >100 To 500, Deduct</i>	-24.78	
			<i>For >500 To 1,000, Deduct</i>	-41.13	
			<i>For >1,000, Deduct</i>	-49.27	
21 13 13 00-0128	EA	1/2"	NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Brass Wet Pipe Sprinkler Head.....	346.77	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-19.37	
			<i>For >100 To 500, Deduct</i>	-44.36	
			<i>For >500 To 1,000, Deduct</i>	-69.33	
			<i>For >1,000, Deduct</i>	-77.46	
21 13 13 00-0129	EA	1/2"	NPT Thread, K=5.6, High Temperature (650 Degree), Pendent Chrome Wet Pipe Sprinkler Head.....	444.39	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-24.25	
			<i>For >100 To 500, Deduct</i>	-56.57	
			<i>For >500 To 1,000, Deduct</i>	-86.90	
			<i>For >1,000, Deduct</i>	-95.03	
21 13 13 00-0130	EA	3/4"	NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Brass Wet Pipe Sprinkler Head.....	194.63	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-11.99	
			<i>For >100 To 500, Deduct</i>	-25.46	
			<i>For >500 To 1,000, Deduct</i>	-42.71	
			<i>For >1,000, Deduct</i>	-51.75	
21 13 13 00-0131	EA	3/4"	NPT Thread, K=8.0, High Temperature (400 To 500 Degree), Pendent Chrome Wet Pipe Sprinkler Head.....	195.76	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-12.05	
			<i>For >100 To 500, Deduct</i>	-25.60	
			<i>For >500 To 1,000, Deduct</i>	-42.92	
			<i>For >1,000, Deduct</i>	-51.95	

21 13 13 00-0132 Sidewall Wet Pipe Sprinkler Heads (21 13 13 00-0024)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0133 Horizontal Sidewall Wet-Pipe Sprinkler Heads <small>(21 13 13 00-0132)</small>		
21 13 13 00-0134 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	75.98	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.83	
For >100 To 500, Deduct	-10.51	
For >500 To 1,000, Deduct	-20.59	
For >1,000, Deduct	-28.72	
21 13 13 00-0135 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	78.48	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.96	
For >100 To 500, Deduct	-10.83	
For >500 To 1,000, Deduct	-21.04	
For >1,000, Deduct	-29.17	
21 13 13 00-0136 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Horizontal Sidewall White Polyester Coated Wet Pipe Sprinkler Head	82.43	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.15	
For >100 To 500, Deduct	-11.32	
For >500 To 1,000, Deduct	-21.75	
For >1,000, Deduct	-29.88	
21 13 13 00-0137 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	77.39	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.90	
For >100 To 500, Deduct	-10.69	
For >500 To 1,000, Deduct	-20.84	
For >1,000, Deduct	-28.97	
21 13 13 00-0138 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	79.94	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.03	
For >100 To 500, Deduct	-11.01	
For >500 To 1,000, Deduct	-21.30	
For >1,000, Deduct	-29.43	
21 13 13 00-0139 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Horizontal Sidewall White Wet Pipe Sprinkler Head	83.97	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.23	
For >100 To 500, Deduct	-11.51	
For >500 To 1,000, Deduct	-22.03	
For >1,000, Deduct	-30.16	
21 13 13 00-0140 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	86.57	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.36	
For >100 To 500, Deduct	-11.84	
For >500 To 1,000, Deduct	-22.49	
For >1,000, Deduct	-30.63	
21 13 13 00-0141 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	90.64	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.57	
For >100 To 500, Deduct	-12.35	
For >500 To 1,000, Deduct	-23.23	
For >1,000, Deduct	-31.36	
21 13 13 00-0142 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	93.15	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-6.92	
For >100 To 500, Deduct	-12.77	
For >500 To 1,000, Deduct	-24.45	
For >1,000, Deduct	-33.48	
21 13 13 00-0143 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	99.25	11.29
For >25 To 50, Deduct	-2.26	
For >50 To 100, Deduct	-7.22	
For >100 To 500, Deduct	-13.54	
For >500 To 1,000, Deduct	-25.54	
For >1,000, Deduct	-34.58	
21 13 13 00-0144 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	95.35	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.80	
For >100 To 500, Deduct	-12.94	
For >500 To 1,000, Deduct	-24.08	
For >1,000, Deduct	-32.21	
21 13 13 00-0145 EA 1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	99.39	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-7.00	
For >100 To 500, Deduct	-13.44	
For >500 To 1,000, Deduct	-24.80	
For >1,000, Deduct	-32.93	
21 13 13 00-0146 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Brass Wet Pipe Sprinkler Head	95.35	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.80	
For >100 To 500, Deduct	-12.94	
For >500 To 1,000, Deduct	-24.08	
For >1,000, Deduct	-32.21	
21 13 13 00-0147 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	99.39	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-7.00	
For >100 To 500, Deduct	-13.44	
For >500 To 1,000, Deduct	-24.80	
For >1,000, Deduct	-32.93	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0148	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	73.85	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.73	
			<i>For >100 To 500, Deduct</i>	-10.25	
			<i>For >500 To 1,000, Deduct</i>	-20.21	
			<i>For >1,000, Deduct</i>	-28.34	
21 13 13 00-0149	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	75.92	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.83	
			<i>For >100 To 500, Deduct</i>	-10.51	
			<i>For >500 To 1,000, Deduct</i>	-20.58	
			<i>For >1,000, Deduct</i>	-28.71	
21 13 13 00-0150	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	78.49	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-5.96	
			<i>For >100 To 500, Deduct</i>	-10.83	
			<i>For >500 To 1,000, Deduct</i>	-21.04	
			<i>For >1,000, Deduct</i>	-29.17	
21 13 13 00-0151	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	80.78	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.30	
			<i>For >100 To 500, Deduct</i>	-11.23	
			<i>For >500 To 1,000, Deduct</i>	-22.22	
			<i>For >1,000, Deduct</i>	-31.25	
21 13 13 00-0152	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	83.00	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.41	
			<i>For >100 To 500, Deduct</i>	-11.50	
			<i>For >500 To 1,000, Deduct</i>	-22.62	
			<i>For >1,000, Deduct</i>	-31.65	
21 13 13 00-0153	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	85.39	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.53	
			<i>For >100 To 500, Deduct</i>	-11.80	
			<i>For >500 To 1,000, Deduct</i>	-23.05	
			<i>For >1,000, Deduct</i>	-32.08	
21 13 13 00-0154	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	82.54	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.39	
			<i>For >100 To 500, Deduct</i>	-11.45	
			<i>For >500 To 1,000, Deduct</i>	-22.54	
			<i>For >1,000, Deduct</i>	-31.57	
21 13 13 00-0155	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	84.84	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.50	
			<i>For >100 To 500, Deduct</i>	-11.73	
			<i>For >500 To 1,000, Deduct</i>	-22.95	
			<i>For >1,000, Deduct</i>	-31.98	
21 13 13 00-0156	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, 300 PSI Rated, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	87.33	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.63	
			<i>For >100 To 500, Deduct</i>	-12.05	
			<i>For >500 To 1,000, Deduct</i>	-23.40	
			<i>For >1,000, Deduct</i>	-32.43	
21 13 13 00-0157	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	87.37	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.63	
			<i>For >100 To 500, Deduct</i>	-12.05	
			<i>For >500 To 1,000, Deduct</i>	-23.41	
			<i>For >1,000, Deduct</i>	-32.44	
21 13 13 00-0158	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	90.76	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.80	
			<i>For >100 To 500, Deduct</i>	-12.47	
			<i>For >500 To 1,000, Deduct</i>	-24.02	
			<i>For >1,000, Deduct</i>	-33.05	
21 13 13 00-0159	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Horizontal Sidewall White Wet Pipe Sprinkler Head.....	90.76	11.29
			<i>For >25 To 50, Deduct</i>	-2.26	
			<i>For >50 To 100, Deduct</i>	-6.80	
			<i>For >100 To 500, Deduct</i>	-12.47	
			<i>For >500 To 1,000, Deduct</i>	-24.02	
			<i>For >1,000, Deduct</i>	-33.05	
21 13 13 00-0160	EA		1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	156.44	10.16
			<i>For >25 To 50, Deduct</i>	-2.03	
			<i>For >50 To 100, Deduct</i>	-9.86	
			<i>For >100 To 500, Deduct</i>	-20.57	
			<i>For >500 To 1,000, Deduct</i>	-35.07	
			<i>For >1,000, Deduct</i>	-43.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0161 EA 1/2" NPT Thread, 1/2" Orifice, Decorative Horizontal Sidewall White Wet Pipe Sprinkler Head.....	156.44	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-9.86	
For >100 To 500, Deduct	-20.57	
For >500 To 1,000, Deduct	-35.07	
For >1,000, Deduct	-43.20	
21 13 13 00-0162 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	74.71	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.77	
For >100 To 500, Deduct	-10.36	
For >500 To 1,000, Deduct	-20.36	
For >1,000, Deduct	-28.49	
21 13 13 00-0163 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	74.71	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.77	
For >100 To 500, Deduct	-10.36	
For >500 To 1,000, Deduct	-20.36	
For >1,000, Deduct	-28.49	
21 13 13 00-0164 EA 1/2" NPT Thread, K=5.6, High Temperature (360 Degree), Horizontal Sidewall White Wet Pipe Sprinkler Head.....	74.71	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.77	
For >100 To 500, Deduct	-10.36	
For >500 To 1,000, Deduct	-20.36	
For >1,000, Deduct	-28.49	
21 13 13 00-0165 Vertical Sidewall Wet-Pipe Sprinkler Heads (21 13 13 00-0132)		
21 13 13 00-0166 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Brass Wet Pipe Sprinkler Head.....	79.22	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-5.99	
For >100 To 500, Deduct	-10.92	
For >500 To 1,000, Deduct	-21.17	
For >1,000, Deduct	-29.30	
21 13 13 00-0167 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall Chrome Wet Pipe Sprinkler Head.....	82.34	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.15	
For >100 To 500, Deduct	-11.31	
For >500 To 1,000, Deduct	-21.73	
For >1,000, Deduct	-29.87	
21 13 13 00-0168 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Vertical Sidewall White Wet Pipe Sprinkler Head.....	83.68	10.16
For >25 To 50, Deduct	-2.03	
For >50 To 100, Deduct	-6.22	
For >100 To 500, Deduct	-11.48	
For >500 To 1,000, Deduct	-21.97	
For >1,000, Deduct	-30.11	
21 13 13 00-0169 Concealed Wet Pipe Sprinkler Heads (21 13 13 00-0024)		
21 13 13 00-0170 Concealed Pendant Wet-Pipe Sprinkler Heads (21 13 13 00-0169)		
21 13 13 00-0171 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head, Low Lead.....	115.53	13.56
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.71	
For >50 To 100, Deduct	-8.49	
For >100 To 500, Deduct	-15.80	
For >500 To 1,000, Deduct	-30.01	
For >1,000, Deduct	-40.85	
21 13 13 00-0172 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	78.92	13.56
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.71	
For >50 To 100, Deduct	-6.66	
For >100 To 500, Deduct	-11.22	
For >500 To 1,000, Deduct	-23.42	
For >1,000, Deduct	-34.26	
21 13 13 00-0173 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	80.26	13.56
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.71	
For >50 To 100, Deduct	-6.72	
For >100 To 500, Deduct	-11.39	
For >500 To 1,000, Deduct	-23.66	
For >1,000, Deduct	-34.50	
21 13 13 00-0174 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	102.94	14.68
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.94	
For >50 To 100, Deduct	-8.08	
For >100 To 500, Deduct	-14.34	
For >500 To 1,000, Deduct	-28.51	
For >1,000, Deduct	-40.26	
21 13 13 00-0175 EA 1/2" NPT Thread, 7/16" Orifice, K=4.2, Concealed Pendent Brass Wet Pipe Sprinkler Head.....	98.41	13.56
Note: Excludes coverplate		
For >25 To 50, Deduct	-2.71	
For >50 To 100, Deduct	-7.63	
For >100 To 500, Deduct	-13.66	
For >500 To 1,000, Deduct	-26.93	
For >1,000, Deduct	-37.77	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0176	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Concealed Pendent Brass Wet Pipe Sprinkler Head 98.41	98.41	13.56
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.71	
			For >50 To 100, Deduct	-7.63	
			For >100 To 500, Deduct	-13.66	
			For >500 To 1,000, Deduct	-26.93	
			For >1,000, Deduct	-37.77	
21 13 13 00-0177	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 102.94	102.94	14.68
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.94	
			For >50 To 100, Deduct	-8.08	
			For >100 To 500, Deduct	-14.34	
			For >500 To 1,000, Deduct	-28.51	
			For >1,000, Deduct	-40.26	
21 13 13 00-0178	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 89.84	89.84	13.56
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.71	
			For >50 To 100, Deduct	-7.20	
			For >100 To 500, Deduct	-12.59	
			For >500 To 1,000, Deduct	-25.39	
			For >1,000, Deduct	-36.23	
21 13 13 00-0179	EA		1/2" NPT Thread, 7/16" Orifice, K=4.2, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 98.41	98.41	13.56
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.71	
			For >50 To 100, Deduct	-7.63	
			For >100 To 500, Deduct	-13.66	
			For >500 To 1,000, Deduct	-26.93	
			For >1,000, Deduct	-37.77	
21 13 13 00-0180	EA		1/2" NPT Thread, 3/8" Orifice, K=2.8, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 98.41	98.41	13.56
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.71	
			For >50 To 100, Deduct	-7.63	
			For >100 To 500, Deduct	-13.66	
			For >500 To 1,000, Deduct	-26.93	
			For >1,000, Deduct	-37.77	
21 13 13 00-0181	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Quick Response, Concealed Pendent Brass Wet Pipe Sprinkler Head 91.87	91.87	13.56
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.71	
			For >50 To 100, Deduct	-7.30	
			For >100 To 500, Deduct	-12.84	
			For >500 To 1,000, Deduct	-25.75	
			For >1,000, Deduct	-36.59	
21 13 13 00-0182	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Adjustable Concealed Pendent Brass Wet Pipe Sprinkler Head 158.49	158.49	15.81
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-3.16	
			For >50 To 100, Deduct	-11.09	
			For >100 To 500, Deduct	-21.39	
			For >500 To 1,000, Deduct	-39.28	
			For >1,000, Deduct	-51.93	
21 13 13 00-0183	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 85.58	85.58	13.56
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.71	
			For >50 To 100, Deduct	-6.99	
			For >100 To 500, Deduct	-12.05	
			For >500 To 1,000, Deduct	-24.62	
			For >1,000, Deduct	-35.46	
21 13 13 00-0184	EA		3/4" NPT Thread, 17/32" Orifice, K=5.6, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 89.55	89.55	14.68
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.94	
			For >50 To 100, Deduct	-7.41	
			For >100 To 500, Deduct	-12.66	
			For >500 To 1,000, Deduct	-26.10	
			For >1,000, Deduct	-37.85	
21 13 13 00-0185	EA		1/2" NPT Thread, 1/2" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 86.78	86.78	13.56
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.71	
			For >50 To 100, Deduct	-7.05	
			For >100 To 500, Deduct	-12.20	
			For >500 To 1,000, Deduct	-24.83	
			For >1,000, Deduct	-35.67	
21 13 13 00-0186	EA		3/4" NPT Thread, 17/32" Orifice, K=5.6, 300 PSI Rated, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 91.31	91.31	14.68
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.94	
			For >50 To 100, Deduct	-7.50	
			For >100 To 500, Deduct	-12.88	
			For >500 To 1,000, Deduct	-26.42	
			For >1,000, Deduct	-38.17	
21 13 13 00-0187	EA		3/4" NPT Thread, 17/32" Orifice, K=8.0, Extended Coverage, Concealed Pendent Brass Wet Pipe Sprinkler Head 103.50	103.50	14.68
			Note: Excludes coverplate		
			For >25 To 50, Deduct	-2.94	
			For >50 To 100, Deduct	-8.11	
			For >100 To 500, Deduct	-14.41	
			For >500 To 1,000, Deduct	-28.61	
			For >1,000, Deduct	-40.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0188 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable Chrome Coverplate.....	186.27	15.81
<i>For >25 To 50, Deduct</i>	-3.16	
<i>For >50 To 100, Deduct</i>	-12.48	
<i>For >100 To 500, Deduct</i>	-24.86	
<i>For >500 To 1,000, Deduct</i>	-44.28	
<i>For >1,000, Deduct</i>	-56.93	
21 13 13 00-0189 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Concealed Pendent Non-Ferrous Sprinkler Head With Escutcheon And Adjustable White Coverplate	186.27	15.81
<i>For >25 To 50, Deduct</i>	-3.16	
<i>For >50 To 100, Deduct</i>	-12.48	
<i>For >100 To 500, Deduct</i>	-24.86	
<i>For >500 To 1,000, Deduct</i>	-44.28	
<i>For >1,000, Deduct</i>	-56.93	
21 13 13 00-0190 Concealed Horizontal Side Wall Wet-Pipe Sprinkler Heads <small>(21 13 13 00-0169)</small>		
21 13 13 00-0191 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	125.71	13.56
Note: Excludes coverplate		
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-9.00	
<i>For >100 To 500, Deduct</i>	-17.07	
<i>For >500 To 1,000, Deduct</i>	-31.84	
<i>For >1,000, Deduct</i>	-42.68	
21 13 13 00-0192 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head.....	142.16	14.68
Note: Excludes coverplate		
<i>For >25 To 50, Deduct</i>	-2.94	
<i>For >50 To 100, Deduct</i>	-10.04	
<i>For >100 To 500, Deduct</i>	-19.24	
<i>For >500 To 1,000, Deduct</i>	-35.57	
<i>For >1,000, Deduct</i>	-47.32	
21 13 13 00-0193 EA 1/2" NPT Thread, 1/2" Orifice, K=5.6, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	95.94	13.56
Note: Excludes coverplate		
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-7.51	
<i>For >100 To 500, Deduct</i>	-13.35	
<i>For >500 To 1,000, Deduct</i>	-26.48	
<i>For >1,000, Deduct</i>	-37.32	
21 13 13 00-0194 EA 3/4" NPT Thread, 17/32" Orifice, K=8.0, Quick Response, Extended Coverage, Concealed Horizontal Sidewall Brass Wet Pipe Sprinkler Head	95.94	14.68
Note: Excludes coverplate		
<i>For >25 To 50, Deduct</i>	-2.94	
<i>For >50 To 100, Deduct</i>	-7.73	
<i>For >100 To 500, Deduct</i>	-13.46	
<i>For >500 To 1,000, Deduct</i>	-27.25	
<i>For >1,000, Deduct</i>	-39.00	
21 13 13 00-0195 Institutional Tamper Resistant Wet Pipe Sprinkler Heads <small>(21 13 13 00-0024)</small>		
21 13 13 00-0196 EA 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head	322.14	11.29
Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
<i>For >25 To 50, Deduct</i>	-2.26	
<i>For >50 To 100, Deduct</i>	-18.37	
<i>For >100 To 500, Deduct</i>	-41.40	
<i>For >500 To 1,000, Deduct</i>	-65.66	
<i>For >1,000, Deduct</i>	-74.70	
21 13 13 00-0197 EA 1/2" NPT Thread, K=5.6, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head	314.14	11.29
Note: Complete assembly including escutcheon, spacers, retaining flange, and centering grommet.		
<i>For >25 To 50, Deduct</i>	-2.26	
<i>For >50 To 100, Deduct</i>	-17.97	
<i>For >100 To 500, Deduct</i>	-40.40	
<i>For >500 To 1,000, Deduct</i>	-64.22	
<i>For >1,000, Deduct</i>	-73.26	
21 13 13 00-0198 EA 1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Pendant Chrome Wet Pipe Sprinkler Head.....	129.86	11.29
<i>For >25 To 50, Deduct</i>	-2.26	
<i>For >50 To 100, Deduct</i>	-8.75	
<i>For >100 To 500, Deduct</i>	-17.36	
<i>For >500 To 1,000, Deduct</i>	-31.05	
<i>For >1,000, Deduct</i>	-40.09	
21 13 13 00-0199 EA 1/2" NPT Thread, K=5.6, Quick Response, Institutional Tamper Resistant, Horizontal Sidewall Chrome Wet Pipe Sprinkler Head.....	146.46	11.29
<i>For >25 To 50, Deduct</i>	-2.26	
<i>For >50 To 100, Deduct</i>	-9.58	
<i>For >100 To 500, Deduct</i>	-19.44	
<i>For >500 To 1,000, Deduct</i>	-34.04	
<i>For >1,000, Deduct</i>	-43.08	
21 13 13 00-0200 Wet Pipe Sprinkler Head Accessories <small>(21 13 13 00-0011)</small>		
21 13 13 00-0201 Sprinkler Adjustable Steel Drop Nipple <small>(21 13 13 00-0200)</small>		

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0202	EA		1" Male NPT x 1/2" Female NPT x 4.125" Minimum Length To 5.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M1.150)	51.35	11.63
			<i>For >25 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-3.54	
			<i>For >100 To 500, Deduct</i>	-6.90	
			<i>For >500 To 1,000, Deduct</i>	-12.54	
			<i>For >1,000, Deduct</i>	-16.42	
21 13 13 00-0203	EA		1" Male NPT x 1/2" Female NPT x 6.125" Minimum Length To 9.125" Maximum Length, Adjustable Steel Drop Nipple (Anvil M3.150)	51.35	11.63
			<i>For >25 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-3.54	
			<i>For >100 To 500, Deduct</i>	-6.90	
			<i>For >500 To 1,000, Deduct</i>	-12.54	
			<i>For >1,000, Deduct</i>	-16.42	
21 13 13 00-0204	EA		1" Male NPT x 1/2" Female NPT x 7.875" Minimum Length To 10.875" Maximum Length, Adjustable Steel Drop Nipple (Anvil ME3.150)	52.00	11.63
			<i>For >25 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-3.57	
			<i>For >100 To 500, Deduct</i>	-6.98	
			<i>For >500 To 1,000, Deduct</i>	-12.66	
			<i>For >1,000, Deduct</i>	-16.53	
21 13 13 00-0205	EA		1" Female NPT x 1/2" Female NPT x 3.5" Minimum Length To 4.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F1.150)	45.27	11.63
			<i>For >25 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-3.23	
			<i>For >100 To 500, Deduct</i>	-6.14	
			<i>For >500 To 1,000, Deduct</i>	-11.44	
			<i>For >1,000, Deduct</i>	-15.32	
21 13 13 00-0206	EA		1" Female NPT x 1/2" Female NPT x 4.5" Minimum Length To 6.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F2.150)	45.27	11.63
			<i>For >25 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-3.23	
			<i>For >100 To 500, Deduct</i>	-6.14	
			<i>For >500 To 1,000, Deduct</i>	-11.44	
			<i>For >1,000, Deduct</i>	-15.32	
21 13 13 00-0207	EA		1" Female NPT x 1/2" Female NPT x 5.5" Minimum Length To 8.5" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.150)	45.27	11.63
			<i>For >25 To 50, Deduct</i>	-0.97	
			<i>For >50 To 100, Deduct</i>	-3.23	
			<i>For >100 To 500, Deduct</i>	-6.14	
			<i>For >500 To 1,000, Deduct</i>	-11.44	
			<i>For >1,000, Deduct</i>	-15.32	
21 13 13 00-0208	EA		1" Female NPT x 3/4" Female NPT x 7.35" Minimum Length To 10.35" Maximum Length, Adjustable Steel Drop Nipple (Anvil F3.175)	50.72	12.65
			<i>For >25 To 50, Deduct</i>	-1.05	
			<i>For >50 To 100, Deduct</i>	-3.59	
			<i>For >100 To 500, Deduct</i>	-6.87	
			<i>For >500 To 1,000, Deduct</i>	-12.71	
			<i>For >1,000, Deduct</i>	-16.93	
21 13 13 00-0209			Sprinkler Head Escutcheon (21 13 13 00-0200)		
21 13 13 00-0210	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon	19.87	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.33	
			<i>For >100 To 500, Deduct</i>	-2.65	
			<i>For >500 To 1,000, Deduct</i>	-4.73	
			<i>For >1,000, Deduct</i>	-6.08	
21 13 13 00-0211	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.26	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.00	
			<i>For >100 To 500, Deduct</i>	-1.83	
			<i>For >500 To 1,000, Deduct</i>	-3.54	
			<i>For >1,000, Deduct</i>	-4.89	
21 13 13 00-0212	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon	13.26	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.00	
			<i>For >100 To 500, Deduct</i>	-1.83	
			<i>For >500 To 1,000, Deduct</i>	-3.54	
			<i>For >1,000, Deduct</i>	-4.89	
21 13 13 00-0213	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon	19.87	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.33	
			<i>For >100 To 500, Deduct</i>	-2.65	
			<i>For >500 To 1,000, Deduct</i>	-4.73	
			<i>For >1,000, Deduct</i>	-6.08	
21 13 13 00-0214	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.26	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.00	
			<i>For >100 To 500, Deduct</i>	-1.83	
			<i>For >500 To 1,000, Deduct</i>	-3.54	
			<i>For >1,000, Deduct</i>	-4.89	
21 13 13 00-0215	EA		2-7/8" Diameter x 1-1/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon	13.26	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.00	
			<i>For >100 To 500, Deduct</i>	-1.83	
			<i>For >500 To 1,000, Deduct</i>	-3.54	
			<i>For >1,000, Deduct</i>	-4.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0216 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Recessed Escutcheon.....	18.67	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.27	
For >100 To 500, Deduct	-2.50	
For >500 To 1,000, Deduct	-4.51	
For >1,000, Deduct	-5.87	
21 13 13 00-0217 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.26	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.00	
For >100 To 500, Deduct	-1.83	
For >500 To 1,000, Deduct	-3.54	
For >1,000, Deduct	-4.89	
21 13 13 00-0218 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 1/2" NPT, White Sprinkler Head Recessed Escutcheon.....	13.26	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.00	
For >100 To 500, Deduct	-1.83	
For >500 To 1,000, Deduct	-3.54	
For >1,000, Deduct	-4.89	
21 13 13 00-0219 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Recessed Escutcheon.....	18.67	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.27	
For >100 To 500, Deduct	-2.50	
For >500 To 1,000, Deduct	-4.51	
For >1,000, Deduct	-5.87	
21 13 13 00-0220 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Recessed Escutcheon	13.26	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.00	
For >100 To 500, Deduct	-1.83	
For >500 To 1,000, Deduct	-3.54	
For >1,000, Deduct	-4.89	
21 13 13 00-0221 EA 2-7/8" Diameter x 7/8" Depth, Two Piece, 3/4" NPT, White Sprinkler Head Recessed Escutcheon.....	13.26	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.00	
For >100 To 500, Deduct	-1.83	
For >500 To 1,000, Deduct	-3.54	
For >1,000, Deduct	-4.89	
21 13 13 00-0222 EA 3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off Chrome Sprinkler Head Recessed Escutcheon.....	19.27	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.30	
For >100 To 500, Deduct	-2.58	
For >500 To 1,000, Deduct	-4.62	
For >1,000, Deduct	-5.97	
21 13 13 00-0223 EA 3-7/32" Diameter x 15/16" Depth, Two Piece, 1/2" NPT, Push-On/Thread-Off White Sprinkler Head Recessed Escutcheon.....	19.27	4.07
For >25 To 50, Deduct	-0.34	
For >50 To 100, Deduct	-1.30	
For >100 To 500, Deduct	-2.58	
For >500 To 1,000, Deduct	-4.62	
For >1,000, Deduct	-5.97	
21 13 13 00-0224 EA 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Brass Sprinkler Head Escutcheon.....	7.17	2.98
For >25 To 50, Deduct	-0.23	
For >50 To 100, Deduct	-0.58	
For >100 To 500, Deduct	-1.01	
For >500 To 1,000, Deduct	-2.06	
For >1,000, Deduct	-2.96	
21 13 13 00-0225 EA 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	6.34	2.98
For >25 To 50, Deduct	-0.23	
For >50 To 100, Deduct	-0.54	
For >100 To 500, Deduct	-0.91	
For >500 To 1,000, Deduct	-1.91	
For >1,000, Deduct	-2.81	
21 13 13 00-0226 EA 2-7/8" Diameter x 11/16" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon.....	6.56	2.98
For >25 To 50, Deduct	-0.23	
For >50 To 100, Deduct	-0.55	
For >100 To 500, Deduct	-0.93	
For >500 To 1,000, Deduct	-1.95	
For >1,000, Deduct	-2.85	
21 13 13 00-0227 EA 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Brass Sprinkler Head Escutcheon.....	7.32	2.98
For >25 To 50, Deduct	-0.23	
For >50 To 100, Deduct	-0.59	
For >100 To 500, Deduct	-1.03	
For >500 To 1,000, Deduct	-2.09	
For >1,000, Deduct	-2.99	
21 13 13 00-0228 EA 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, Chrome Sprinkler Head Escutcheon	6.49	2.98
For >25 To 50, Deduct	-0.23	
For >50 To 100, Deduct	-0.55	
For >100 To 500, Deduct	-0.92	
For >500 To 1,000, Deduct	-1.94	
For >1,000, Deduct	-2.84	
21 13 13 00-0229 EA 2-7/8" Diameter x 11/16" Depth, One Piece, 3/4" NPT, White Sprinkler Head Escutcheon.....	6.49	2.98
For >25 To 50, Deduct	-0.23	
For >50 To 100, Deduct	-0.55	
For >100 To 500, Deduct	-0.92	
For >500 To 1,000, Deduct	-1.94	
For >1,000, Deduct	-2.84	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0230	EA		2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Bright Brass Sprinkler Head Escutcheon.....	8.18	2.98
			<i>For >25 To 50, Deduct</i>	-0.23	
			<i>For >50 To 100, Deduct</i>	-0.64	
			<i>For >100 To 500, Deduct</i>	-1.14	
			<i>For >500 To 1,000, Deduct</i>	-2.24	
			<i>For >1,000, Deduct</i>	-3.14	
21 13 13 00-0231	EA		2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, Chrome Sprinkler Head Escutcheon	6.46	2.98
			<i>For >25 To 50, Deduct</i>	-0.23	
			<i>For >50 To 100, Deduct</i>	-0.55	
			<i>For >100 To 500, Deduct</i>	-0.92	
			<i>For >500 To 1,000, Deduct</i>	-1.93	
			<i>For >1,000, Deduct</i>	-2.84	
21 13 13 00-0232	EA		2-7/8" Diameter x 1/8" Depth, One Piece, 1/2" NPT, White Sprinkler Head Escutcheon.....	6.46	2.98
			<i>For >25 To 50, Deduct</i>	-0.23	
			<i>For >50 To 100, Deduct</i>	-0.55	
			<i>For >100 To 500, Deduct</i>	-0.92	
			<i>For >500 To 1,000, Deduct</i>	-1.93	
			<i>For >1,000, Deduct</i>	-2.84	
21 13 13 00-0233	EA		3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Brass Sprinkler Head Telescoping Escutcheon.....	10.95	4.18
			<i>For >25 To 50, Deduct</i>	-0.32	
			<i>For >50 To 100, Deduct</i>	-0.86	
			<i>For >100 To 500, Deduct</i>	-1.53	
			<i>For >500 To 1,000, Deduct</i>	-3.05	
			<i>For >1,000, Deduct</i>	-4.31	
21 13 13 00-0234	EA		3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, Chrome Sprinkler Head Telescoping Escutcheon.....	10.49	4.18
			<i>For >25 To 50, Deduct</i>	-0.32	
			<i>For >50 To 100, Deduct</i>	-0.84	
			<i>For >100 To 500, Deduct</i>	-1.47	
			<i>For >500 To 1,000, Deduct</i>	-2.96	
			<i>For >1,000, Deduct</i>	-4.23	
21 13 13 00-0235	EA		3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 1/2" NPT, White Sprinkler Head Telescoping Escutcheon.....	10.64	4.18
			<i>For >25 To 50, Deduct</i>	-0.32	
			<i>For >50 To 100, Deduct</i>	-0.85	
			<i>For >100 To 500, Deduct</i>	-1.49	
			<i>For >500 To 1,000, Deduct</i>	-2.99	
			<i>For >1,000, Deduct</i>	-4.26	
21 13 13 00-0236	EA		3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Brass Sprinkler Head Telescoping Escutcheon.....	11.10	4.18
			<i>For >25 To 50, Deduct</i>	-0.32	
			<i>For >50 To 100, Deduct</i>	-0.87	
			<i>For >100 To 500, Deduct</i>	-1.55	
			<i>For >500 To 1,000, Deduct</i>	-3.07	
			<i>For >1,000, Deduct</i>	-4.34	
21 13 13 00-0237	EA		3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, Chrome Sprinkler Head Telescoping Escutcheon.....	10.64	4.18
			<i>For >25 To 50, Deduct</i>	-0.32	
			<i>For >50 To 100, Deduct</i>	-0.85	
			<i>For >100 To 500, Deduct</i>	-1.49	
			<i>For >500 To 1,000, Deduct</i>	-2.99	
			<i>For >1,000, Deduct</i>	-4.26	
21 13 13 00-0238	EA		3-1/2" Diameter x 2" Minimum To 3" Maximum Depth, Two Piece, 3/4" NPT, White Sprinkler Head Telescoping Escutcheon.....	10.95	4.18
			<i>For >25 To 50, Deduct</i>	-0.32	
			<i>For >50 To 100, Deduct</i>	-0.86	
			<i>For >100 To 500, Deduct</i>	-1.53	
			<i>For >500 To 1,000, Deduct</i>	-3.05	
			<i>For >1,000, Deduct</i>	-4.31	
21 13 13 00-0239	EA		Flat Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	24.72	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.57	
			<i>For >100 To 500, Deduct</i>	-3.26	
			<i>For >500 To 1,000, Deduct</i>	-5.60	
			<i>For >1,000, Deduct</i>	-6.95	
21 13 13 00-0240	EA		Flat White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head.....	24.72	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.57	
			<i>For >100 To 500, Deduct</i>	-3.26	
			<i>For >500 To 1,000, Deduct</i>	-5.60	
			<i>For >1,000, Deduct</i>	-6.95	
21 13 13 00-0241	EA		Conical Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	24.72	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.57	
			<i>For >100 To 500, Deduct</i>	-3.26	
			<i>For >500 To 1,000, Deduct</i>	-5.60	
			<i>For >1,000, Deduct</i>	-6.95	
21 13 13 00-0242	EA		Conical White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	24.72	4.07
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-1.57	
			<i>For >100 To 500, Deduct</i>	-3.26	
			<i>For >500 To 1,000, Deduct</i>	-5.60	
			<i>For >1,000, Deduct</i>	-6.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0243 EA Chrome Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	24.72	4.07
<i>For >25 To 50, Deduct</i>	-0.34	
<i>For >50 To 100, Deduct</i>	-1.57	
<i>For >100 To 500, Deduct</i>	-3.26	
<i>For >500 To 1,000, Deduct</i>	-5.60	
<i>For >1,000, Deduct</i>	-6.95	
21 13 13 00-0244 EA White Sprinkler Head Escutcheon For Decorative Horizontal Sidewall Sprinkler Head	24.72	4.07
<i>For >25 To 50, Deduct</i>	-0.34	
<i>For >50 To 100, Deduct</i>	-1.57	
<i>For >100 To 500, Deduct</i>	-3.26	
<i>For >500 To 1,000, Deduct</i>	-5.60	
<i>For >1,000, Deduct</i>	-6.95	
21 13 13 00-0245 EA 2-Piece Chrome Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	28.82	4.07
<i>For >25 To 50, Deduct</i>	-0.34	
<i>For >50 To 100, Deduct</i>	-1.78	
<i>For >100 To 500, Deduct</i>	-3.77	
<i>For >500 To 1,000, Deduct</i>	-6.34	
<i>For >1,000, Deduct</i>	-7.69	
21 13 13 00-0246 EA 2-Piece White Sprinkler Head Escutcheon For Decorative Pendent Sprinkler Head	29.78	4.07
<i>For >25 To 50, Deduct</i>	-0.34	
<i>For >50 To 100, Deduct</i>	-1.83	
<i>For >100 To 500, Deduct</i>	-3.89	
<i>For >500 To 1,000, Deduct</i>	-6.51	
<i>For >1,000, Deduct</i>	-7.87	
21 13 13 00-0247 Coverplate For Sprinkler Heads (21 13 13 00-0200)		
21 13 13 00-0248 EA Chrome Coverplate For Concealed Pendent Sprinkler Head	61.04	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-3.44	
<i>For >100 To 500, Deduct</i>	-7.82	
<i>For >500 To 1,000, Deduct</i>	-12.29	
<i>For >1,000, Deduct</i>	-13.83	
21 13 13 00-0249 EA White Coverplate For Concealed Pendent Sprinkler Head	28.48	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-1.81	
<i>For >100 To 500, Deduct</i>	-3.75	
<i>For >500 To 1,000, Deduct</i>	-6.43	
<i>For >1,000, Deduct</i>	-7.97	
21 13 13 00-0250 EA Specialty Coverplate For Concealed Pendent Sprinkler Head	42.60	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-2.51	
<i>For >100 To 500, Deduct</i>	-5.52	
<i>For >500 To 1,000, Deduct</i>	-8.97	
<i>For >1,000, Deduct</i>	-10.51	
21 13 13 00-0251 EA Brass Coverplate For Concealed Sidewall Sprinkler Head	38.93	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-2.33	
<i>For >100 To 500, Deduct</i>	-5.06	
<i>For >500 To 1,000, Deduct</i>	-8.31	
<i>For >1,000, Deduct</i>	-9.85	
21 13 13 00-0252 EA Chrome Coverplate For Concealed Sidewall Sprinkler Head	30.62	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-1.92	
<i>For >100 To 500, Deduct</i>	-4.02	
<i>For >500 To 1,000, Deduct</i>	-6.82	
<i>For >1,000, Deduct</i>	-8.35	
21 13 13 00-0253 EA White Coverplate For Concealed Sidewall Sprinkler Head	30.62	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-1.92	
<i>For >100 To 500, Deduct</i>	-4.02	
<i>For >500 To 1,000, Deduct</i>	-6.82	
<i>For >1,000, Deduct</i>	-8.35	
21 13 13 00-0254 EA Off-White Coverplate For Concealed Sidewall Sprinkler Head	38.93	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-2.33	
<i>For >100 To 500, Deduct</i>	-5.06	
<i>For >500 To 1,000, Deduct</i>	-8.31	
<i>For >1,000, Deduct</i>	-9.85	
21 13 13 00-0255 EA Black Painted Coverplate For Concealed Sidewall Sprinkler Head	38.93	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-2.33	
<i>For >100 To 500, Deduct</i>	-5.06	
<i>For >500 To 1,000, Deduct</i>	-8.31	
<i>For >1,000, Deduct</i>	-9.85	
21 13 13 00-0256 EA Black Plated Coverplate For Concealed Sidewall Sprinkler Head	45.52	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-2.66	
<i>For >100 To 500, Deduct</i>	-5.88	
<i>For >500 To 1,000, Deduct</i>	-9.50	
<i>For >1,000, Deduct</i>	-11.04	
21 13 13 00-0257 EA Bright Brass Coverplate For Concealed Sidewall Sprinkler Head	45.52	4.60
<i>For >25 To 50, Deduct</i>	-0.38	
<i>For >50 To 100, Deduct</i>	-2.66	
<i>For >100 To 500, Deduct</i>	-5.88	
<i>For >500 To 1,000, Deduct</i>	-9.50	
<i>For >1,000, Deduct</i>	-11.04	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0258	EA		Satin Chrome Coverplate For Concealed Sidewall Sprinkler Head	45.52	4.60
			<i>For >25 To 50, Deduct</i>	-0.38	
			<i>For >50 To 100, Deduct</i>	-2.66	
			<i>For >100 To 500, Deduct</i>	-5.88	
			<i>For >500 To 1,000, Deduct</i>	-9.50	
			<i>For >1,000, Deduct</i>	-11.04	
21 13 13 00-0259	EA		Specialty Coverplate For Concealed Sidewall Sprinkler Head.....	38.97	4.60
			<i>For >25 To 50, Deduct</i>	-0.38	
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100 To 500, Deduct</i>	-5.06	
			<i>For >500 To 1,000, Deduct</i>	-8.32	
			<i>For >1,000, Deduct</i>	-9.86	
21 13 13 00-0260	EA		White Coverplate For Quick Release Concealed Sidewall Sprinkler Head.....	67.72	5.42
			<i>For >25 To 50, Deduct</i>	-0.45	
			<i>For >50 To 100, Deduct</i>	-3.84	
			<i>For >100 To 500, Deduct</i>	-8.69	
			<i>For >500 To 1,000, Deduct</i>	-13.72	
			<i>For >1,000, Deduct</i>	-15.53	
21 13 13 00-0261			Sprinkler Escutcheon Extension Tube <small>(21 13 13 00-0200)</small>		
21 13 13 00-0262	EA		2.18" Diameter x 4" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	14.84	2.72
			Note: For use with 2 piece escutcheons		
			<i>For >25 To 50, Deduct</i>	-0.23	
			<i>For >50 To 100, Deduct</i>	-0.97	
			<i>For >100 To 500, Deduct</i>	-1.97	
			<i>For >500 To 1,000, Deduct</i>	-3.44	
			<i>For >1,000, Deduct</i>	-4.34	
21 13 13 00-0263	EA		2.18" Diameter x 6" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	19.65	2.85
			Note: For use with 2 piece escutcheons		
			<i>For >25 To 50, Deduct</i>	-0.24	
			<i>For >50 To 100, Deduct</i>	-1.22	
			<i>For >100 To 500, Deduct</i>	-2.57	
			<i>For >500 To 1,000, Deduct</i>	-4.34	
			<i>For >1,000, Deduct</i>	-5.29	
21 13 13 00-0264	EA		2.18" Diameter x 8" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	25.04	2.98
			Note: For use with 2 piece escutcheons		
			<i>For >25 To 50, Deduct</i>	-0.25	
			<i>For >50 To 100, Deduct</i>	-1.50	
			<i>For >100 To 500, Deduct</i>	-3.25	
			<i>For >500 To 1,000, Deduct</i>	-5.35	
			<i>For >1,000, Deduct</i>	-6.35	
21 13 13 00-0265	EA		2.18" Diameter x 10" Long Stainless Steel With Chrome Or White Finish, Escutcheon Extension Tube.....	29.85	3.12
			Note: For use with 2 piece escutcheons		
			<i>For >25 To 50, Deduct</i>	-0.26	
			<i>For >50 To 100, Deduct</i>	-1.75	
			<i>For >100 To 500, Deduct</i>	-3.86	
			<i>For >500 To 1,000, Deduct</i>	-6.26	
			<i>For >1,000, Deduct</i>	-7.30	
21 13 13 00-0266			Sprinkler Head Guards <small>(21 13 13 00-0200)</small>		
21 13 13 00-0267	EA		Universal Sprinkler Head Guard, C-1	20.13	8.14
			<i>For >25 To 50, Deduct</i>	-0.68	
			<i>For >50 To 100, Deduct</i>	-1.68	
			<i>For >100 To 500, Deduct</i>	-2.86	
			<i>For >500 To 1,000, Deduct</i>	-5.93	
			<i>For >1,000, Deduct</i>	-8.64	
21 13 13 00-0268	EA		Dry Pendent Sprinkler Head Guard, C-2.....	22.67	8.14
			<i>For >25 To 50, Deduct</i>	-0.68	
			<i>For >50 To 100, Deduct</i>	-1.81	
			<i>For >100 To 500, Deduct</i>	-3.17	
			<i>For >500 To 1,000, Deduct</i>	-6.39	
			<i>For >1,000, Deduct</i>	-9.10	
21 13 13 00-0269	EA		Upright Sprinkler Head Guard With Water Shield, C-3	27.01	8.14
			<i>For >25 To 50, Deduct</i>	-0.68	
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 500, Deduct</i>	-3.72	
			<i>For >500 To 1,000, Deduct</i>	-7.17	
			<i>For >1,000, Deduct</i>	-9.88	
21 13 13 00-0270	EA		Pendent Sprinkler Head Guard With Water Shield, C-5.....	32.36	8.14
			<i>For >25 To 50, Deduct</i>	-0.68	
			<i>For >50 To 100, Deduct</i>	-2.30	
			<i>For >100 To 500, Deduct</i>	-4.38	
			<i>For >500 To 1,000, Deduct</i>	-8.13	
			<i>For >1,000, Deduct</i>	-10.84	
21 13 13 00-0271	EA		Universal Sprinkler Head Guard, D-1	22.57	8.14
			<i>For >25 To 50, Deduct</i>	-0.68	
			<i>For >50 To 100, Deduct</i>	-1.81	
			<i>For >100 To 500, Deduct</i>	-3.16	
			<i>For >500 To 1,000, Deduct</i>	-6.37	
			<i>For >1,000, Deduct</i>	-9.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0272 EA Upright Sprinkler Head Guard With Water Shield, D-3	24.22	8.14
<i>For >25 To 50, Deduct</i>	-0.68	
<i>For >50 To 100, Deduct</i>	-1.89	
<i>For >100 To 500, Deduct</i>	-3.37	
<i>For >500 To 1,000, Deduct</i>	-6.66	
<i>For >1,000, Deduct</i>	-9.38	
21 13 13 00-0273 EA Pendent Sprinkler Head Guard With Large Water Shield, D-4	36.49	8.14
<i>For >25 To 50, Deduct</i>	-0.68	
<i>For >50 To 100, Deduct</i>	-2.50	
<i>For >100 To 500, Deduct</i>	-4.90	
<i>For >500 To 1,000, Deduct</i>	-8.87	
<i>For >1,000, Deduct</i>	-11.59	
21 13 13 00-0274 EA Pendent Sprinkler Head Guard With Small Water Shield, D-5	34.03	8.14
<i>For >25 To 50, Deduct</i>	-0.68	
<i>For >50 To 100, Deduct</i>	-2.38	
<i>For >100 To 500, Deduct</i>	-4.59	
<i>For >500 To 1,000, Deduct</i>	-8.43	
<i>For >1,000, Deduct</i>	-11.14	
21 13 13 00-0275 Replacement Sprinkler Escutcheon <small>(21 13 13 00-0200)</small>		
21 13 13 00-0276 EA Push On, Brass Replacement Sprinkler Escutcheon	10.20	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.74	
<i>For >100 To 500, Deduct</i>	-1.39	
<i>For >500 To 1,000, Deduct</i>	-2.60	
<i>For >1,000, Deduct</i>	-3.51	
21 13 13 00-0277 EA Push On, Chrome Replacement Sprinkler Escutcheon	10.12	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.73	
<i>For >100 To 500, Deduct</i>	-1.38	
<i>For >500 To 1,000, Deduct</i>	-2.59	
<i>For >1,000, Deduct</i>	-3.49	
21 13 13 00-0278 EA Push On, White Replacement Sprinkler Escutcheon	10.12	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.73	
<i>For >100 To 500, Deduct</i>	-1.38	
<i>For >500 To 1,000, Deduct</i>	-2.59	
<i>For >1,000, Deduct</i>	-3.49	
21 13 13 00-0279 EA Flush, Brass Replacement Sprinkler Escutcheon	10.12	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.73	
<i>For >100 To 500, Deduct</i>	-1.38	
<i>For >500 To 1,000, Deduct</i>	-2.59	
<i>For >1,000, Deduct</i>	-3.49	
21 13 13 00-0280 EA Flush, Chrome Replacement Sprinkler Escutcheon	10.12	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.73	
<i>For >100 To 500, Deduct</i>	-1.38	
<i>For >500 To 1,000, Deduct</i>	-2.59	
<i>For >1,000, Deduct</i>	-3.49	
21 13 13 00-0281 EA Flush, White Replacement Sprinkler Escutcheon	12.62	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.86	
<i>For >100 To 500, Deduct</i>	-1.69	
<i>For >500 To 1,000, Deduct</i>	-3.04	
<i>For >1,000, Deduct</i>	-3.94	
21 13 13 00-0282 EA Deep, Brass Replacement Sprinkler Escutcheon	10.12	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.73	
<i>For >100 To 500, Deduct</i>	-1.38	
<i>For >500 To 1,000, Deduct</i>	-2.59	
<i>For >1,000, Deduct</i>	-3.49	
21 13 13 00-0283 EA Deep, Chrome Replacement Sprinkler Escutcheon	10.12	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.73	
<i>For >100 To 500, Deduct</i>	-1.38	
<i>For >500 To 1,000, Deduct</i>	-2.59	
<i>For >1,000, Deduct</i>	-3.49	
21 13 13 00-0284 EA Deep, White Replacement Sprinkler Escutcheon	10.12	2.98
<i>For >25 To 50, Deduct</i>	-0.23	
<i>For >50 To 100, Deduct</i>	-0.73	
<i>For >100 To 500, Deduct</i>	-1.38	
<i>For >500 To 1,000, Deduct</i>	-2.59	
<i>For >1,000, Deduct</i>	-3.49	
21 13 13 00-0285 Pendent Shield And O-Ring Assembly <small>(21 13 13 00-0200)</small>		
21 13 13 00-0286 EA Pendent Shield And O-Ring Assembly	15.77	5.97
<i>For >25 To 50, Deduct</i>	-0.45	
<i>For >50 To 100, Deduct</i>	-1.24	
<i>For >100 To 500, Deduct</i>	-2.20	
<i>For >500 To 1,000, Deduct</i>	-4.37	
<i>For >1,000, Deduct</i>	-6.18	
21 13 13 00-0287 Replacement Insulating Sealing Assembly <small>(21 13 13 00-0200)</small>		

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 13 00-0288	EA		Insulating Sealing Assembly	67.59	13.56
			<i>For >100 To 500, Deduct</i>	-9.13	
			<i>For >500 To 1,000, Deduct</i>	-16.77	
21 13 13 00-0289			Flexible Sprinkler Piping <small>(21 13 13 00-0011)</small>		
			Note: 1" Diameter stainless steel flexible pipe with either 1/2" or 3/4" outlet.		
21 13 13 00-0290	EA		2' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	68.88	14.00
			Note: Includes ceiling mounting bracket.		
			<i>For >25 To 50, Deduct</i>	-1.41	
			<i>For >50 To 100, Deduct</i>	-4.86	
			<i>For >100 To 500, Deduct</i>	-9.32	
			<i>For >500 To 1,000, Deduct</i>	-17.20	
			<i>For >1,000, Deduct</i>	-22.84	
21 13 13 00-0291	EA		3' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	76.57	14.45
			Note: Includes ceiling mounting bracket.		
			<i>For >25 To 50, Deduct</i>	-1.49	
			<i>For >50 To 100, Deduct</i>	-5.31	
			<i>For >100 To 500, Deduct</i>	-10.31	
			<i>For >500 To 1,000, Deduct</i>	-18.84	
			<i>For >1,000, Deduct</i>	-24.78	
21 13 13 00-0292	EA		4' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	84.38	15.36
			Note: Includes ceiling mounting bracket.		
			<i>For >25 To 50, Deduct</i>	-1.57	
			<i>For >50 To 100, Deduct</i>	-5.79	
			<i>For >100 To 500, Deduct</i>	-11.33	
			<i>For >500 To 1,000, Deduct</i>	-20.52	
			<i>For >1,000, Deduct</i>	-26.80	
21 13 13 00-0293	EA		5' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	92.42	16.26
			Note: Includes ceiling mounting bracket.		
			<i>For >25 To 50, Deduct</i>	-1.66	
			<i>For >50 To 100, Deduct</i>	-6.28	
			<i>For >100 To 500, Deduct</i>	-12.38	
			<i>For >500 To 1,000, Deduct</i>	-22.28	
			<i>For >1,000, Deduct</i>	-28.93	
21 13 13 00-0294	EA		6' Long, 3/4" Stainless Steel Flexible Sprinkler Piping	100.67	18.07
			Note: Includes ceiling mounting bracket.		
			<i>For >25 To 50, Deduct</i>	-1.76	
			<i>For >50 To 100, Deduct</i>	-6.80	
			<i>For >100 To 500, Deduct</i>	-13.47	
			<i>For >500 To 1,000, Deduct</i>	-24.12	
			<i>For >1,000, Deduct</i>	-31.18	
21 13 13 00-0295			Sprinkler Emergency Cabinets <small>(21 13 13 00-0011)</small>		
21 13 13 00-0296	EA		3 Capacity Emergency Sprinkler Cabinet, A4	124.35	
21 13 13 00-0297	EA		6 Capacity Emergency Sprinkler Cabinet, A4	128.87	
21 13 13 00-0298	EA		12 Capacity Emergency Sprinkler Cabinet, A4	142.59	
21 13 13 00-0299	EA		12 Capacity Emergency Sprinkler Cabinet, A3	496.05	
21 13 13 00-0300	EA		Sprinkler Wrench, RC1	261.88	
21 13 13 00-0301	EA		Sprinkler Wrench, FC	260.87	
21 13 13 00-0302	EA		Sprinkler Wrench, W2	86.62	
21 13 16			Dry-Pipe Sprinkler Systems <small>(21 13)</small>		
21 13 16 00-0001			Complete Dry Pipe Sprinkler Systems Assembly <small>(21 13 16)</small>		
			Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1440 for individual grooved pipe, 23 21 13 23-1513 for individual grooved pipe fittings.		
21 13 16 00-0002			Light Hazard, Dry-Pipe Sprinkler Systems <small>(21 13 16 00-0001)</small>		
21 13 16 00-0003	EA		Exposed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head	990.22	
			Note: Includes branch pipe and fittings, supports and sprinkler heads.		
			<i>For Up To 5, Add</i>	427.80	
			<i>For >5 To 10, Add</i>	178.30	
			<i>For >10 To 20, Add</i>	146.59	
			<i>For >20 To 40, Add</i>	65.37	
			<i>For >100 To 150, Deduct</i>	-99.02	
			<i>For >150, Deduct</i>	-198.04	
			<i>For Copper Pipe, Add</i>	132.68	
			<i>For Polyvinyl Chloride (PVC) Pipe, Deduct</i>	-182.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0004 EA Concealed Piping, Light Hazard, Dry-Pipe Sprinkler System, Per Head 1,153.68 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. For Up To 5, Add 504.49 For >5 To 10, Add 222.91 For >10 To 20, Add 179.89 For >20 To 40, Add 79.19 For >100 To 150, Deduct -115.37 For >150, Deduct -230.74 For Copper Pipe, Add 151.54 For Polyvinyl Chloride (PVC) Pipe, Deduct -209.23 For Work In Restricted Working Space, Add 129.05		
21 13 16 00-0005 Ordinary Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)		
21 13 16 00-0006 EA Exposed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head 954.24 Note: Includes branch pipe and fittings, supports and sprinkler heads. For Up To 5, Add 413.01 For >5 To 10, Add 173.71 For >10 To 20, Add 142.40 For >20 To 40, Add 63.37 For >100 To 150, Deduct -95.42 For >150, Deduct -190.85 For Copper Pipe, Add 127.48 For Polyvinyl Chloride (PVC) Pipe, Deduct -175.19		
21 13 16 00-0007 EA Concealed Piping, Ordinary Hazard, Dry-Pipe Sprinkler System, Per Head 1,114.10 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. For Up To 5, Add 488.14 For >5 To 10, Add 217.65 For >10 To 20, Add 175.15 For >20 To 40, Add 76.95 For >100 To 150, Deduct -111.41 For >150, Deduct -222.82 For Copper Pipe, Add 145.87 For Polyvinyl Chloride (PVC) Pipe, Deduct -201.57 For Work In Restricted Working Space, Add 127.49		
21 13 16 00-0008 Extra Hazard, Dry-Pipe Sprinkler Systems (21 13 16 00-0001)		
21 13 16 00-0009 EA Exposed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head 899.25 Note: Includes branch pipe and fittings, supports and sprinkler heads. For Up To 5, Add 388.88 For >5 To 10, Add 162.88 For >10 To 20, Add 133.70 For >20 To 40, Add 59.55 For >100 To 150, Deduct -89.93 For >150, Deduct -179.85 For Copper Pipe, Add 120.30 For Polyvinyl Chloride (PVC) Pipe, Deduct -165.26		
21 13 16 00-0010 EA Concealed Piping, Extra Hazard, Dry-Pipe Sprinkler System, Per Head 1,036.69 Note: Includes branch pipe and fittings, supports and sprinkler heads with flat or conical escutcheon. For Up To 5, Add 454.26 For >5 To 10, Add 202.62 For >10 To 20, Add 163.04 For >20 To 40, Add 71.63 For >100 To 150, Deduct -103.67 For >150, Deduct -207.34 For Copper Pipe, Add 135.71 For Polyvinyl Chloride (PVC) Pipe, Deduct -187.55 For Work In Restricted Working Space, Add 118.75		
21 13 16 00-0011 Dry-Pipe Sprinkler System Compressors (21 13 16 00-0001)		
21 13 16 00-0012 EA Dry System Air Compressor, 3/4 HP With Alarm Valve Flange With Gauge 2,481.70		272.10
21 13 16 00-0013 EA Dry System Air Compressor, 1 HP With Alarm Valve Flange With Gauge 2,597.38		272.10
21 13 16 00-0014 EA Dry System Air Compressor, 1-1/2 HP With Alarm Valve Flange With Gauge 2,694.98		272.10
21 13 16 00-0015 EA Dry System Air Compressor, 2 HP With Alarm Valve Flange With Gauge 3,074.53		272.10
21 13 16 00-0016 Dry Pipe Sprinkler System Components (21 13 16)		
21 13 16 00-0017 Dry Pipe Valves (21 13 16 00-0016)		
Note: Excludes trim package See CSI section 21 13 16 00-0022 for Dry Pipe Valve Trim.		
21 13 16 00-0018 EA 2-1/2" Dry Pipe Valve 4,133.10		115.89
21 13 16 00-0019 EA 3" Dry Pipe Valve 4,598.83		132.74
21 13 16 00-0020 EA 4" Dry Pipe Valve 5,069.92		225.46
21 13 16 00-0021 EA 6" Dry Pipe Valve 6,430.49		284.46
21 13 16 00-0022 Dry Pipe Valve Trim (21 13 16 00-0016)		
Note: Includes gauges, pressure switch, air supply and drain lines.		
21 13 16 00-0023 EA 2-1/2" Dry Pipe Valve Trim 1,792.30		245.26
21 13 16 00-0024 EA 3" Dry Pipe Valve Trim 1,792.30		245.26
21 13 16 00-0025 EA 4" Dry Pipe Valve Trim 2,045.03		336.28
21 13 16 00-0026 EA 6" Dry Pipe Valve Trim 2,264.17		467.77

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
21 13 16 00-0027		Recessed Pendent Dry Pipe Sprinkler Heads, Quick Response <small>(21 13 16 00-0016)</small>		
21 13 16 00-0028	EA	3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head	228.03	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-14.11	
		<i>For >100 To 500, Deduct</i>	-29.86	
		<i>For >500 To 1,000, Deduct</i>	-50.26	
		<i>For >1,000, Deduct</i>	-61.10	
21 13 16 00-0029	EA	6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	238.04	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-14.61	
		<i>For >100 To 500, Deduct</i>	-31.11	
		<i>For >500 To 1,000, Deduct</i>	-52.06	
		<i>For >1,000, Deduct</i>	-62.90	
21 13 16 00-0030	EA	9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	248.06	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-15.11	
		<i>For >100 To 500, Deduct</i>	-32.36	
		<i>For >500 To 1,000, Deduct</i>	-53.86	
		<i>For >1,000, Deduct</i>	-64.70	
21 13 16 00-0031	EA	12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	258.10	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-15.62	
		<i>For >100 To 500, Deduct</i>	-33.62	
		<i>For >500 To 1,000, Deduct</i>	-55.67	
		<i>For >1,000, Deduct</i>	-66.51	
21 13 16 00-0032	EA	15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	268.12	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-16.12	
		<i>For >100 To 500, Deduct</i>	-34.87	
		<i>For >500 To 1,000, Deduct</i>	-57.48	
		<i>For >1,000, Deduct</i>	-68.32	
21 13 16 00-0033	EA	18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	278.14	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-16.62	
		<i>For >100 To 500, Deduct</i>	-36.12	
		<i>For >500 To 1,000, Deduct</i>	-59.28	
		<i>For >1,000, Deduct</i>	-70.12	
21 13 16 00-0034	EA	21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	288.15	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-17.12	
		<i>For >100 To 500, Deduct</i>	-37.37	
		<i>For >500 To 1,000, Deduct</i>	-61.08	
		<i>For >1,000, Deduct</i>	-71.92	
21 13 16 00-0035	EA	24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	298.19	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-17.62	
		<i>For >100 To 500, Deduct</i>	-38.63	
		<i>For >500 To 1,000, Deduct</i>	-62.89	
		<i>For >1,000, Deduct</i>	-73.73	
21 13 16 00-0036	EA	27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	308.20	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-18.12	
		<i>For >100 To 500, Deduct</i>	-39.88	
		<i>For >500 To 1,000, Deduct</i>	-64.69	
		<i>For >1,000, Deduct</i>	-75.53	
21 13 16 00-0037	EA	30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	318.22	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-18.62	
		<i>For >100 To 500, Deduct</i>	-41.13	
		<i>For >500 To 1,000, Deduct</i>	-66.49	
		<i>For >1,000, Deduct</i>	-77.33	
21 13 16 00-0038	EA	33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	328.26	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-19.12	
		<i>For >100 To 500, Deduct</i>	-42.39	
		<i>For >500 To 1,000, Deduct</i>	-68.30	
		<i>For >1,000, Deduct</i>	-79.14	
21 13 16 00-0039	EA	36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	338.28	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-19.62	
		<i>For >100 To 500, Deduct</i>	-43.64	
		<i>For >500 To 1,000, Deduct</i>	-70.10	
		<i>For >1,000, Deduct</i>	-80.94	
21 13 16 00-0040	EA	39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	348.32	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-20.13	
		<i>For >100 To 500, Deduct</i>	-44.90	
		<i>For >500 To 1,000, Deduct</i>	-71.91	
		<i>For >1,000, Deduct</i>	-82.75	
21 13 16 00-0041	EA	42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	358.32	17.89
		<i>For >25 To 50, Deduct</i>	-2.71	
		<i>For >50 To 100, Deduct</i>	-20.63	
		<i>For >100 To 500, Deduct</i>	-46.15	
		<i>For >500 To 1,000, Deduct</i>	-73.71	
		<i>For >1,000, Deduct</i>	-84.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0042 EA 45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Recessed Pendent Dry Pipe Sprinkler Head.....	368.35	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-21.13	
<i>For >100 To 500, Deduct</i>	-47.40	
<i>For >500 To 1,000, Deduct</i>	-75.52	
<i>For >1,000, Deduct</i>	-86.36	
21 13 16 00-0043 Sidewall Dry Pipe Sprinkler Heads, Quick Response <small>(21 13 16 00-0016)</small>		
21 13 16 00-0044 EA 3-1/2" To 5-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	225.61	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-13.99	
<i>For >100 To 500, Deduct</i>	-29.56	
<i>For >500 To 1,000, Deduct</i>	-49.82	
<i>For >1,000, Deduct</i>	-60.66	
21 13 16 00-0045 EA 6" To 8-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	235.65	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-14.49	
<i>For >100 To 500, Deduct</i>	-30.81	
<i>For >500 To 1,000, Deduct</i>	-51.63	
<i>For >1,000, Deduct</i>	-62.47	
21 13 16 00-0046 EA 9" To 11-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	245.69	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-14.99	
<i>For >100 To 500, Deduct</i>	-32.07	
<i>For >500 To 1,000, Deduct</i>	-53.44	
<i>For >1,000, Deduct</i>	-64.28	
21 13 16 00-0047 EA 12" To 14-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	255.68	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-15.49	
<i>For >100 To 500, Deduct</i>	-33.32	
<i>For >500 To 1,000, Deduct</i>	-55.24	
<i>For >1,000, Deduct</i>	-66.08	
21 13 16 00-0048 EA 15" To 17-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	265.71	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-16.00	
<i>For >100 To 500, Deduct</i>	-34.57	
<i>For >500 To 1,000, Deduct</i>	-57.04	
<i>For >1,000, Deduct</i>	-67.88	
21 13 16 00-0049 EA 18" To 20-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	275.72	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-16.50	
<i>For >100 To 500, Deduct</i>	-35.82	
<i>For >500 To 1,000, Deduct</i>	-58.84	
<i>For >1,000, Deduct</i>	-69.68	
21 13 16 00-0050 EA 21" To 23-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	285.77	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-17.00	
<i>For >100 To 500, Deduct</i>	-37.08	
<i>For >500 To 1,000, Deduct</i>	-60.65	
<i>For >1,000, Deduct</i>	-71.49	
21 13 16 00-0051 EA 24" To 26-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	295.79	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-17.50	
<i>For >100 To 500, Deduct</i>	-38.33	
<i>For >500 To 1,000, Deduct</i>	-62.46	
<i>For >1,000, Deduct</i>	-73.30	
21 13 16 00-0052 EA 27" To 29-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	305.79	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-18.00	
<i>For >100 To 500, Deduct</i>	-39.58	
<i>For >500 To 1,000, Deduct</i>	-64.26	
<i>For >1,000, Deduct</i>	-75.10	
21 13 16 00-0053 EA 30" To 32-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	315.81	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-18.50	
<i>For >100 To 500, Deduct</i>	-40.83	
<i>For >500 To 1,000, Deduct</i>	-66.06	
<i>For >1,000, Deduct</i>	-76.90	
21 13 16 00-0054 EA 33" To 35-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	325.85	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-19.00	
<i>For >100 To 500, Deduct</i>	-42.09	
<i>For >500 To 1,000, Deduct</i>	-67.87	
<i>For >1,000, Deduct</i>	-78.71	
21 13 16 00-0055 EA 36" To 38-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	335.86	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-19.50	
<i>For >100 To 500, Deduct</i>	-43.34	
<i>For >500 To 1,000, Deduct</i>	-69.67	
<i>For >1,000, Deduct</i>	-80.51	
21 13 16 00-0056 EA 39" To 41-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head	365.95	17.89
<i>For >25 To 50, Deduct</i>	-2.71	
<i>For >50 To 100, Deduct</i>	-21.01	
<i>For >100 To 500, Deduct</i>	-47.10	
<i>For >500 To 1,000, Deduct</i>	-75.09	
<i>For >1,000, Deduct</i>	-85.93	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 16 00-0057	EA		42" To 44-3/4" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	375.97	17.89
			<i>For >25 To 50, Deduct</i>	-2.71	
			<i>For >50 To 100, Deduct</i>	-21.51	
			<i>For >100 To 500, Deduct</i>	-48.35	
			<i>For >500 To 1,000, Deduct</i>	-76.89	
			<i>For >1,000, Deduct</i>	-87.73	
21 13 16 00-0058	EA		45" To 48" Length, 1/2" Orifice, 1" NPT Thread Chrome Sidewall Dry Pipe Sprinkler Head.....	379.97	17.89
			<i>For >25 To 50, Deduct</i>	-2.71	
			<i>For >50 To 100, Deduct</i>	-21.71	
			<i>For >100 To 500, Deduct</i>	-48.85	
			<i>For >500 To 1,000, Deduct</i>	-77.61	
			<i>For >1,000, Deduct</i>	-88.45	
21 13 16 00-0059			Pendent Dry Pipe Sprinkler Head, Early Suppression, Fast Response <small>(21 13 16 00-0016)</small>		
21 13 16 00-0060	EA		23" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head.....	1,079.59	17.89
			<i>For >25 To 50, Deduct</i>	-2.94	
			<i>For >50 To 100, Deduct</i>	-56.92	
			<i>For >100 To 500, Deduct</i>	-136.42	
			<i>For >500 To 1,000, Deduct</i>	-204.31	
			<i>For >1,000, Deduct</i>	-216.06	
21 13 16 00-0061	EA		30" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head.....	1,079.59	17.89
			<i>For >25 To 50, Deduct</i>	-2.94	
			<i>For >50 To 100, Deduct</i>	-56.92	
			<i>For >100 To 500, Deduct</i>	-136.42	
			<i>For >500 To 1,000, Deduct</i>	-204.31	
			<i>For >1,000, Deduct</i>	-216.06	
21 13 16 00-0062	EA		36" Length, 1-1/4" NPT Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head.....	1,079.59	17.89
			<i>For >25 To 50, Deduct</i>	-2.94	
			<i>For >50 To 100, Deduct</i>	-56.92	
			<i>For >100 To 500, Deduct</i>	-136.42	
			<i>For >500 To 1,000, Deduct</i>	-204.31	
			<i>For >1,000, Deduct</i>	-216.06	
21 13 16 00-0063	EA		36" Length, 1-1/4" ISO Thread, K=16.8, Early Suppression, Fast Response, Brass Pendent Dry Pipe Sprinkler Head.....	1,079.59	17.89
			<i>For >25 To 50, Deduct</i>	-2.94	
			<i>For >50 To 100, Deduct</i>	-56.92	
			<i>For >100 To 500, Deduct</i>	-136.42	
			<i>For >500 To 1,000, Deduct</i>	-204.31	
			<i>For >1,000, Deduct</i>	-216.06	
21 13 19			Preaction Sprinkler Systems <small>(21 13)</small>		
21 13 19 00-0001			Complete Preaction Sprinkler Systems Assembly <small>(21 13 19)</small>		
			Note: Includes all branch line piping (standard weight threaded black steel, less than 2-1/2" diameter pipe, fittings, branch valves, hangers, sprinkler heads, etc. From riser pipe and mains. Excludes outside mains, inside vertical or horizontal pipe mains, greater than 2" diameter. The coverage of one sprinkler head varies from about 180 SF for light hazard occupancy, about 155 SF for ordinary, 90 to about 130 SF for extra hazard conditions. Excludes special alarm valves, gate valves, check valves, flow control devices, water motor gong assembly, Siamese connections, standpipes and fittings, pipe mains and fittings, fire pumps and tanks. Not for use where detail is available. For sprinkler repairs or sprinkler head replacements use specific pipe, fittings, hangers, valves, and sprinkler head components. See CSI section 23 21 13 23-1440 for individual grooved pipe, 23 21 13 23-1513 for individual grooved pipe fittings.		
21 13 19 00-0002			Ordinary Hazard, Preaction Sprinkler Systems <small>(21 13 19 00-0001)</small>		
21 13 19 00-0003	EA		Exposed Piping, Ordinary Hazard, Preaction Sprinkler System, Per Head.....	864.86	
			Note: Includes branch pipe and fittings, supports and sprinkler heads.		
			<i>For Up To 5, Add</i>	377.26	
			<i>For >5 To 10, Add</i>	219.95	
			<i>For >10 To 20, Add</i>	133.46	
			<i>For >20 To 40, Add</i>	58.90	
			<i>For >100 To 150, Deduct</i>	-86.49	
			<i>For >150, Deduct</i>	-172.97	
21 13 19 00-0004			Extra Hazard, Preaction Sprinkler Systems <small>(21 13 19 00-0001)</small>		
21 13 19 00-0005	EA		Exposed Piping, Extra Hazard, Preaction Sprinkler System, Per Head.....	804.74	
			Note: Includes branch pipe and fittings, supports and sprinkler heads.		
			<i>For Up To 5, Add</i>	351.08	
			<i>For >5 To 10, Add</i>	204.72	
			<i>For >10 To 20, Add</i>	124.25	
			<i>For >20 To 40, Add</i>	54.83	
			<i>For >100 To 150, Deduct</i>	-80.47	
			<i>For >150, Deduct</i>	-160.95	
21 13 26			Deluge Fire-Suppression Sprinkler Systems <small>(21 13)</small>		
21 13 26 00-0001			Deluge Fire-Suppression Sprinkler Systems Equipment <small>(21 13 26)</small>		
21 13 26 00-0002			Deluge Valves With Required Trim And Release Equipment <small>(21 13 26 00-0001)</small>		
21 13 26 00-0003	EA		3" Deluge Valve With Trim And Release Equipment	7,155.69	501.95
21 13 26 00-0004	EA		4" Deluge Valve With Trim And Release Equipment	8,211.67	564.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 26 00-0005 EA 6" Deluge Valve With Trim And Release Equipment	10,108.32	821.33
21 13 39 Foam-Water Systems (21 13)		
21 13 39 00-0001 Foam Control Valves And Monitors (21 13 39)		
21 13 39 00-0002 Control Valves (21 13 39 00-0001)		
21 13 39 00-0003 EA 3" Foam Control Valve.....	3,235.92	501.95
21 13 39 00-0004 Supply Valves (21 13 39 00-0001)		
21 13 39 00-0005 EA 2-1/2" Foam Supply Valve	2,865.37	564.65
21 13 39 00-0006 Proportioners (21 13 39 00-0001)		
21 13 39 00-0007 EA 8" Foam Proportioner.....	2,197.62	821.33
21 13 39 00-0008 Monitors (21 13 39 00-0001)		
21 13 39 00-0009 EA Oscillating Foam Monitor	3,550.33	112.93
21 13 41 Fire-Suppression Sprinkler Piping (21 13)		
See CSI section 23 21 13 23-0001 for threaded black steel piping, 23 21 13 23-0374 for welded black steel piping, 23 21 13 23-0842 for flanged black steel pipe fittings, 23 21 13 23-1440 for grooved pipe, 23 21 13 23-1513 for grooved pipe fittings, 33 14 13 13-0001 for ductile iron pipe and fittings.		
21 13 41 00-0001 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe (21 13 41)		
Note: SDR 13.5		
21 13 41 00-0002 Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe (21 13 41 00-0001)		
21 13 41 00-0003 LF 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	5.07	1.44
<i>For Work In Restricted Working Space, Add</i>		
	1.08	
21 13 41 00-0004 LF 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	6.13	1.53
<i>For Work In Restricted Working Space, Add</i>		
	1.17	
21 13 41 00-0005 LF 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	7.77	1.72
<i>For Work In Restricted Working Space, Add</i>		
	1.28	
21 13 41 00-0006 LF 1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	9.57	1.90
<i>For Work In Restricted Working Space, Add</i>		
	1.41	
21 13 41 00-0007 LF 2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	12.39	2.08
<i>For Work In Restricted Working Space, Add</i>		
	1.57	
21 13 41 00-0008 LF 2-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe.....	17.11	2.35
<i>For Work In Restricted Working Space, Add</i>		
	1.79	
21 13 41 00-0009 LF 3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Fire Sprinkler Pipe	24.02	2.80
<i>For Work In Restricted Working Space, Add</i>		
	2.12	
21 13 41 00-0010 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0011 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	23.58	8.67
<i>For Work In Restricted Working Space, Add</i>		
	6.50	
21 13 41 00-0012 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	31.32	10.84
<i>For Work In Restricted Working Space, Add</i>		
	8.16	
21 13 41 00-0013 EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	39.19	13.56
<i>For Work In Restricted Working Space, Add</i>		
	10.19	
21 13 41 00-0014 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	44.97	15.00
<i>For Work In Restricted Working Space, Add</i>		
	11.27	
21 13 41 00-0015 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	51.13	16.81
<i>For Work In Restricted Working Space, Add</i>		
	12.58	
21 13 41 00-0016 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping.....	65.40	19.07
<i>For Work In Restricted Working Space, Add</i>		
	14.31	
21 13 41 00-0017 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow, Fire Sprinkler Piping	80.45	22.59
<i>For Work In Restricted Working Space, Add</i>		
	16.91	
21 13 41 00-0018 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0019 EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	24.25	8.67
<i>For Work In Restricted Working Space, Add</i>		
	6.50	
21 13 41 00-0020 EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	30.25	10.84
<i>For Work In Restricted Working Space, Add</i>		
	8.16	
21 13 41 00-0021 EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	38.38	13.56
<i>For Work In Restricted Working Space, Add</i>		
	10.19	
21 13 41 00-0022 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	43.68	15.00
<i>For Work In Restricted Working Space, Add</i>		
	11.27	
21 13 41 00-0023 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	49.51	16.81
<i>For Work In Restricted Working Space, Add</i>		
	12.58	
21 13 41 00-0024 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping.....	61.33	19.07
<i>For Work In Restricted Working Space, Add</i>		
	14.31	
21 13 41 00-0025 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow, Fire Sprinkler Piping	75.97	22.59
<i>For Work In Restricted Working Space, Add</i>		
	16.91	

21 Fire Suppression**21 10 Water-Based Fire-Suppression Systems****21 13 Fire-Suppression Sprinkler Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 13 41 00-0026			Chlorinated Polyvinyl Chloride (CPVC) Tees, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0027	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	35.09 9.76	13.01
21 13 41 00-0028	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	45.92 12.25	16.35
21 13 41 00-0029	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	58.61 15.29	20.42
21 13 41 00-0030	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	67.63 16.91	22.59
21 13 41 00-0031	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	79.57 18.86	25.11
21 13 41 00-0032	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	98.67 21.47	28.64
21 13 41 00-0033	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	116.57 25.37	33.79
21 13 41 00-0034			Chlorinated Polyvinyl Chloride (CPVC) Reducing Tees, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0035	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	42.36 11.41	15.27
21 13 41 00-0036	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	55.46 14.26	19.07
21 13 41 00-0037	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	62.20 15.77	21.05
21 13 41 00-0038	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	74.06 17.62	23.49
21 13 41 00-0039	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	87.84 20.03	26.74
21 13 41 00-0040	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Tee, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	103.30 23.69	31.53
21 13 41 00-0041			Chlorinated Polyvinyl Chloride (CPVC) Crosses, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0042	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	47.43 13.01	17.35
21 13 41 00-0043	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	59.46 16.31	21.77
21 13 41 00-0044	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	74.99 20.38	27.19
21 13 41 00-0045	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	84.79 22.55	30.09
21 13 41 00-0046	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	99.70 25.15	33.52
21 13 41 00-0047	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	129.98 28.62	38.12
21 13 41 00-0048			Chlorinated Polyvinyl Chloride (CPVC) Couplings, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0049	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	16.27 4.34	5.78
21 13 41 00-0050	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	21.79 5.83	7.77
21 13 41 00-0051	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	28.94 7.64	10.20
21 13 41 00-0052	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	33.13 8.46	11.29
21 13 41 00-0053	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	38.14 9.43	12.56
21 13 41 00-0054	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	46.02 10.73	14.27
21 13 41 00-0055	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Coupling, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	55.65 12.68	16.90
21 13 41 00-0056			Chlorinated Polyvinyl Chloride (CPVC) Caps, Fire Sprinkler Piping (21 13 41 00-0001)		
21 13 41 00-0057	EA		3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	8.32 2.17	2.89
21 13 41 00-0058	EA		1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	13.22 3.50	4.69
21 13 41 00-0059	EA		1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	15.25 3.82	5.06
21 13 41 00-0060	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	17.55 4.23	5.60
21 13 41 00-0061	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	20.94 4.72	6.33
21 13 41 00-0062	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	25.42 5.37	7.14
21 13 41 00-0063	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	33.35 6.34	8.49

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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21 13 41 00-0064	Chlorinated Polyvinyl Chloride (CPVC) Reducer Bushing, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0065	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	22.83 6.42	8.58
21 13 41 00-0066	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	30.32 8.40	11.20
21 13 41 00-0067	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	33.50 9.30	12.37
21 13 41 00-0068	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	38.27 10.38	13.82
21 13 41 00-0069	EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	45.69 11.82	15.72
21 13 41 00-0070	EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Bushing, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	56.03 13.96	18.61
21 13 41 00-0071	Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0072	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	20.64 4.77	6.33
21 13 41 00-0073	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Spigot Style Reducing Adapter, Male Slip X Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	26.43 6.42	8.58
21 13 41 00-0074	Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0075	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	20.64 4.77	6.33
21 13 41 00-0076	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	26.43 6.42	8.58
21 13 41 00-0077	Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0078	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	23.92 5.85	7.77
21 13 41 00-0079	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	30.67 7.35	9.76
21 13 41 00-0080	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Reducing 90 Degree Elbow Adapter With 3/4" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	32.02 7.35	9.76
21 13 41 00-0081	Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <small>(21 13 41 00-0001)</small>		
21 13 41 00-0082	EA 3/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	39.22 9.76	13.01
21 13 41 00-0083	EA 1" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	48.09 12.25	16.35
21 13 41 00-0084	EA 1-1/4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	63.02 15.29	20.42
21 13 41 00-0085	EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	72.31 16.91	22.59
21 13 41 00-0086	EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Straight Tee Adapter With 1/2" FPT, Female Slip x Female Pipe Thread, Fire Sprinkler Piping <i>For Work In Restricted Working Space, Add</i>	85.26 18.86	25.11

21 20 Fire-Extinguishing Systems (21)

21 21 Carbon-Dioxide Fire-Extinguishing Systems (21 20)

21 21 16 Carbon-Dioxide Fire-Extinguishing Equipment (21 21)

21 21 16 00-0001	Carbon Dioxide Cylinders <small>(21 21 16)</small>		
21 21 16 00-0002	EA Carbon Dioxide Simplex Cylinder, 75 LB.....	4,740.31	217.14
21 21 16 00-0003	EA Carbon Dioxide Duplex Cylinder, 75 LB (Each).....	9,480.62	434.27
21 21 16 00-0004	EA Carbon Dioxide Cylinder, Heat/Ion Detector, With Bracket.....	498.96	115.35
21 21 16 00-0005	EA Carbon Dioxide Cylinder, Dispersion Nozzle.....	249.25	39.67
21 21 16 00-0006	LF Carbon Dioxide Cylinder, 1/2" Rubber Tubing.....	50.29	16.09

21	21	Fire Suppression
	21 20	Fire-Extinguishing Systems
	21 22	Clean-Agent Fire-Extinguishing Systems

MINOR		TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION		UNIT COST	UNIT COST

21 22 Clean-Agent Fire-Extinguishing Systems (21 20)

21 22 16 Clean-Agent Fire-Extinguishing Equipment (21 22)

21 22 16 00-0001			Ansul Fire Control Systems <small>(21 22 16)</small>	1,598.02	
21 22 16 00-0002			Sapphire® Fire Suppression Systems <small>(21 22 16 00-0001)</small> Note: ANSUL® SAPHIRE® fire suppression systems use 3M™ Novec™ 1230 fire protection fluid for total flooding applications.		
21 22 16 00-0003			Cylinders, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0004	EA		20 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570635).....	1,598.02	74.03
			Note: 10 to 21 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0005	EA		40 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570636).....	1,824.07	74.03
			Note: 20 to 46 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0006	EA		80 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570637).....	1,853.79	74.03
			Note: 41 to 80 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0007	EA		140 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570638).....	2,632.64	98.70
			Note: 58 to 138 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0008	EA		280 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570639).....	2,782.07	98.70
			Note: 116 to 280 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0009	EA		390 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570640).....	2,970.26	123.38
			Note: 161 to 388 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0010	EA		450 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570641).....	3,152.47	123.38
			Note: 194 to 459 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0011	EA		850 LB, Empty Tank And Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570586).....	4,762.66	148.05
			Note: 375 to 851 LB tank capacity. Excludes Sapphire agent.		
21 22 16 00-0012	LB		Sapphire Agent, Fire Protection Fluid, Factory Filled (Novec 1230)	40.37	148.05
			Note: Add to empty tank cost.		
21 22 16 00-0013			Nozzles, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0014	EA		1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570515).....	151.94	12.34
21 22 16 00-0015	EA		3/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570516).....	155.79	12.34
21 22 16 00-0016	EA		1" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570517).....	165.44	12.34
21 22 16 00-0017	EA		1-1/4" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570518)	172.19	12.34
21 22 16 00-0018	EA		1-1/2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570519)	181.83	12.34
21 22 16 00-0019	EA		2" Drilled Brass Nozzle, 180 Degree, Sapphire® Fire Suppression System (Ansul 570520).....	210.74	12.34
21 22 16 00-0020	EA		1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570602).....	151.94	12.34
21 22 16 00-0021	EA		3/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570603).....	155.79	12.34
21 22 16 00-0022	EA		1" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570604).....	165.44	12.34
21 22 16 00-0023	EA		1-1/4" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570605)	172.19	12.34
21 22 16 00-0024	EA		1-1/2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570606)	181.83	12.34
21 22 16 00-0025	EA		2" Drilled Brass Nozzle, 360 Degree, Sapphire® Fire Suppression System (Ansul 570607).....	210.74	12.34
21 22 16 00-0026			Actuation Attachments, Sapphire® Fire Suppression System <small>(21 22 16 00-0002)</small>		
21 22 16 00-0027	EA		7/16-20 To 1/4" NPT, Male Actuation Elbow, Sapphire® Fire Suppression System (Ansul 31810).....	13.35	3.70
21 22 16 00-0028	EA		7/16-20 To 1/4" NPT, Male Actuation Tee, Sapphire® Fire Suppression System (Ansul 31811)	15.01	3.70
21 22 16 00-0029	EA		1/4" NPT To 7/16-20, Male Actuation Connector, Sapphire® Fire Suppression System (Ansul 32338).....	19.99	8.64
21 22 16 00-0030	EA		16" Actuation Hose, Sapphire® Fire Suppression System (Ansul 73597)	48.29	11.06
21 22 16 00-0031	EA		32" Actuation Hose, Sapphire® Fire Suppression System (Ansul 415142)	72.23	11.06
21 22 16 00-0032	EA		42" Actuation Hose, Sapphire® Fire Suppression System (Ansul 430815)	87.49	11.06
21 22 16 00-0033	EA		24", Stainless Steel, Swivel, Braided Actuation Hose, Sapphire® Fire Suppression System (Ansul 32336).....	42.78	11.06
21 22 16 00-0034	EA		Pneumatic Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537).....	294.76	98.70
21 22 16 00-0035	EA		Local Manual Actuator, Sapphire® Fire Suppression System (Ansul 570549).....	286.87	74.03
21 22 16 00-0036	EA		Electric Actuator Shipping Assembly, Sapphire® Fire Suppression System (Ansul 570537)	653.40	98.70
21 22 16 00-0037			Nameplates, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0038	EA		Warning Plate For Use Outside Room, Sapphire® Fire Suppression Systems (Ansul 570580).....	47.82	12.34
21 22 16 00-0039	EA		Warning Plate For Use Inside Room, Sapphire® Fire Suppression Systems (Ansul 570581).....	52.17	12.34
21 22 16 00-0040			Cylinder Bracketing, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0041	EA		Tank Bracket Assembly For 20 LB, 40 LB, 50 LB, 80 LB And 90 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	147.30	37.01
21 22 16 00-0042	EA		Tank Bracket Assembly For 140 LB, 280 LB, 390 LB And 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570085)	155.98	37.01
21 22 16 00-0043	EA		Tank Bracket Assembly For 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570336).....	167.07	37.01
21 22 16 00-0044			Check Valves, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0045	EA		1" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570566).....	407.09	39.28
21 22 16 00-0046	EA		2" Manifold Check Valve, Sapphire® Fire Suppression Systems (Ansul 570568).....	570.90	67.41
21 22 16 00-0047			Discharge Hose, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0048	EA		1" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570539).....	125.51	24.68
21 22 16 00-0049	EA		2" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 570538).....	480.30	24.68
21 22 16 00-0050	EA		3" Flexible Discharge Hose, Sapphire® Fire Suppression Systems (Ansul 69990).....	404.13	24.68
21 22 16 00-0051	EA		3" Discharge Hose And Check Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 69841)	1,766.91	98.70

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0052 Swivel Adaptors, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0053 EA 1" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570557).....	44.55	17.28
21 22 16 00-0054 EA 2" Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 570558).....	80.59	17.28
21 22 16 00-0055 EA 3" Flare To 3" Grooved, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69471)	227.14	12.34
21 22 16 00-0056 EA 3" Flare To 3" NPT, Single-Tank Swivel Adaptor, Sapphire® Fire Suppression Systems (Ansul 69470).....	293.04	12.34
21 22 16 00-0057 Pressure Switches, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0058 EA Cylinder Low Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 570585)	162.81	49.35
21 22 16 00-0059 EA Pressure Trip, Sapphire® Fire Suppression Systems (Ansul 5156)	167.76	20.72
21 22 16 00-0060 EA Weather Proof, DPST Pressure Switch, Sapphire® Fire Suppression Systems (Ansul 46250)	513.04	86.36
21 22 16 00-0061 Level Indicators, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0062 EA Liquid Level Indicator For 280 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570277).....	611.05	17.28
21 22 16 00-0063 EA Liquid Level Indicator For 390 LB And 850 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570278).....	639.99	17.28
21 22 16 00-0064 EA Liquid Level Indicator For 450 LB Tanks, Sapphire® Fire Suppression Systems (Ansul 570589).....	684.67	24.68
21 22 16 00-0065 Inspection/Maintenance Devices, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0066 EA Master Tank Pilot Port Male Adaptor, Sapphire® Fire Suppression Systems (Ansul 570342)	45.03	14.81
21 22 16 00-0067 EA Cylinder Valve Pressure Gauge, Sapphire® Fire Suppression Systems (Ansul 570642).....	56.61	17.28
21 22 16 00-0068 EA Recharge Top Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570579)	186.80	74.03
21 22 16 00-0069 EA 1" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570576)	219.87	74.03
21 22 16 00-0070 EA 2" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 570592)	247.35	74.03
21 22 16 00-0071 EA 3" Recharge Fill Adaptor Assembly, Sapphire® Fire Suppression Systems (Ansul 69891)	336.04	74.03
21 22 16 00-0072 Replacement Parts, Sapphire® Fire Suppression Systems <small>(21 22 16 00-0002)</small>		
21 22 16 00-0073 EA O-Ring Kit, Sapphire® Fire Suppression Systems (Ansul 570559)	53.35	19.74
21 22 16 00-0074 EA Recoil Cap, Sapphire® Fire Suppression Systems (Ansul 570553)	90.71	12.34
21 22 16 00-0075 EA Burst Disc Assembly, Sapphire® Fire Suppression Systems (Ansul 570053)	121.19	24.68
21 22 16 00-0076 EA Bonnet Assembly, Sapphire® Fire Suppression Systems (Ansul 570543)	315.01	98.70
21 22 16 00-0077 EA Piston Assembly, Sapphire® Fire Suppression Systems (Ansul 570551)	483.72	98.70
21 22 16 00-0078 EA 1" Valve Assembly, Sapphire® Fire Suppression Systems (Ansul 570535)	1,666.63	98.70
21 22 16 00-0079 Inergen® Fire Suppression System <small>(21 22 16 00-0001)</small>		
21 22 16 00-0080 Actuation Attachments, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0081 EA Flexible Discharge Bend For CV90 And CV98 (200 Bar), Inergen® Fire Suppression System (Ansul 427082)	177.13	24.44
21 22 16 00-0082 EA Metron Protractor Replacement Cartridges, Inergen® Fire Suppression System (Ansul 423958)	206.22	26.27
21 22 16 00-0083 EA Electric Actuator, Lever, CV98, Inergen® Fire Suppression System (Ansul 423309).....	368.93	47.55
21 22 16 00-0084 EA Electric Actuator For CV90 Valve, Inergen® Fire Suppression System (Ansul 426876)	740.15	108.29
21 22 16 00-0085 Check Valves, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0086 EA 2" Bronze Check Valve, Weld Neck Flange, Inergen® Fire Suppression System (Ansul 840794).....	1,807.12	142.92
21 22 16 00-0087 Components, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0088 EA 1/2" Manifold Relief Valve, Inergen® Fire Suppression System (Ansul 418378).....	52.59	7.49
21 22 16 00-0089 EA Pressure Operated Siren, Inergen® Fire Suppression System (Ansul 419700)	619.54	80.31
21 22 16 00-0090 EA 30 Second Pneumatic Time Delay, Inergen® Fire Suppression System (Ansul 54169).....	1,928.42	251.27
21 22 16 00-0091 EA 60 Second Time Delay, Inergen® Fire Suppression System (Ansul 426170).....	1,835.65	255.98
21 22 16 00-0092 Cylinders, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
Note: Includes CV98 valve. Factory filled with Inergen agent.		
21 22 16 00-0093 EA 200 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426147)	1,605.24	229.96
21 22 16 00-0094 EA 250 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426148)	1,820.97	260.54
21 22 16 00-0095 EA 350 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426620)	2,610.66	337.63
21 22 16 00-0096 EA 435 CF Cylinder, Standard Paint, Inergen® Fire Suppression System (Ansul 426150)	2,607.77	412.58
21 22 16 00-0097 EA 250 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426257)	1,880.65	290.51
21 22 16 00-0098 EA 350 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426621)	2,670.79	367.71
21 22 16 00-0099 EA 435 CF Cylinder, Corrosion Resistant Paint, Inergen® Fire Suppression System (Ansul 426259)	2,747.77	443.35
21 22 16 00-0100 Inspection/Maintenance Devices, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0101 EA CV90 Fill Adaptor To CV98 Valve, Conversion Adapter, Inergen® Fire Suppression System (Ansul 423657).....	60.63	8.36
21 22 16 00-0102 EA CV98 To CV90 Conversion Adapter, Cylinder Test Gauge, Inergen® Fire Suppression System (Ansul 426181)	60.63	8.36
21 22 16 00-0103 EA CV90 Pressure Test Assembly Venting Kit, Inergen® Fire Suppression System (Ansul 426954).....	73.23	9.29
21 22 16 00-0104 EA Pressure Test Gauge, Inergen® Fire Suppression System (Ansul 423923).....	1,155.13	159.58
21 22 16 00-0105 Multiple Cylinder Bracketing, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0106 EA 13" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418502).....	19.49	2.45
Note: For single row 435 cubic foot cylinders.		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0107	EA	27" Carriage Bolt With Nut, Multiple Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 418503)..... Note: For double row 435 cubic foot cylinders.	27.66	3.49
21 22 16 00-0108		Nameplates, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0109	EA	Warning Plate, Nameplate, Inside Room With Alarm, Inergen® Fire Suppression System (Ansul 416265).....	21.49	2.73
21 22 16 00-0110	EA	Warning Plate, Nameplate, Outside Room Without Alarm, Inergen® Fire Suppression System (Ansul 416266).....	19.83	2.73
21 22 16 00-0111		Nozzle Deflector Shields, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0112	EA	1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417708)	86.22	11.78
21 22 16 00-0113	EA	3/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417711)	90.46	12.33
21 22 16 00-0114	EA	1" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417714)	105.14	14.24
21 22 16 00-0115	EA	1-1/4" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417717)	117.15	16.09
21 22 16 00-0116	EA	1-1/2" Nozzle Deflector Shield, Inergen® Fire Suppression System (Ansul 417720)	134.39	18.49
21 22 16 00-0117		Nozzles, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0118	EA	1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417908)	132.02	18.22
21 22 16 00-0119	EA	3/8" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417723)	136.99	18.77
21 22 16 00-0120	EA	1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417362)	126.35	17.37
21 22 16 00-0121	EA	3/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417363)	129.27	18.77
21 22 16 00-0122	EA	1" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417364)	150.23	20.64
21 22 16 00-0123	EA	1-1/4" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417365)	160.62	21.98
21 22 16 00-0124	EA	1-1/2" NPT Nozzle, 360 Degree, Inergen® Fire Suppression System (Ansul 417366)	172.89	23.58
21 22 16 00-0125	EA	2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426155)	297.56	41.28
21 22 16 00-0126	EA	2-1/2" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426156)	393.43	54.14
21 22 16 00-0127	EA	3" NPT Nozzle, Inergen® Fire Suppression System (Ansul 426137)	428.86	59.51
21 22 16 00-0128	EA	1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426138)	153.73	21.43
21 22 16 00-0129	EA	3/8" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426139)	181.36	25.09
21 22 16 00-0130	EA	1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426140)	149.25	20.64
21 22 16 00-0131	EA	3/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426141)	159.45	21.87
21 22 16 00-0132	EA	1" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426142)	160.85	21.98
21 22 16 00-0133	EA	1-1/4" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426143)	194.16	26.70
21 22 16 00-0134	EA	1-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426157)	209.24	28.95
21 22 16 00-0135	EA	2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426144)	321.19	44.42
21 22 16 00-0136	EA	2-1/2" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426145)	375.00	52.00
21 22 16 00-0137	EA	3" NPT Nozzle, 180 Degree Sidewall, Inergen® Fire Suppression System (Ansul 426146)	410.91	56.82
21 22 16 00-0138		Pressure Reducers, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0139	EA	1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416677)	172.89	23.58
21 22 16 00-0140	EA	3/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416678)	212.09	29.38
21 22 16 00-0141	EA	1" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416679)	228.12	31.63
21 22 16 00-0142	EA	1-1/4" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416680)	321.19	44.42
21 22 16 00-0143	EA	1-1/2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416681)	350.93	48.68
21 22 16 00-0144	EA	2" NPT, Orifice Union, Pressure Reducer, Inergen® Fire Suppression System (Ansul 416682)	412.32	56.82
21 22 16 00-0145	EA	2-1/2" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417057)	479.36	66.63
21 22 16 00-0146	EA	3" NPT, Orifice Nipple, Pressure Reducer, Inergen® Fire Suppression System (Ansul 417058)	566.71	78.81
21 22 16 00-0147	EA	2-1/2" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426823)	723.26	155.47
21 22 16 00-0148	EA	3" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426824)	932.85	182.28
21 22 16 00-0149	EA	4" NPT, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426825)	1,186.97	305.57
21 22 16 00-0150	EA	2-1/2" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426847)	704.94	155.47
21 22 16 00-0151	EA	3" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426848)	780.20	108.59
21 22 16 00-0152	EA	4" Slip-On, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426849)	1,186.97	305.57
21 22 16 00-0153	EA	2-1/2" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426853)	720.36	155.47
21 22 16 00-0154	EA	3" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426854)	810.90	112.84
21 22 16 00-0155	EA	4" Weld Neck, Orifice Flanged, Pressure Reducer, Inergen® Fire Suppression System (Ansul 426855)	1,163.83	305.57
21 22 16 00-0156		Pressure Switches, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0157	EA	3PST, Pressure Switch, Inergen® Fire Suppression System (Ansul 842344)	811.12	118.48
21 22 16 00-0158		Releasing Device Equipment, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0159	EA	12 Or 24 Volt DC, Assembly, Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 17728)	1,331.30	183.80
21 22 16 00-0160	EA	24 Volt DC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 31492)	1,897.21	244.92
21 22 16 00-0161	EA	120 Volt AC, Explosion Proof Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 32525)	2,012.74	249.14
21 22 16 00-0162	EA	Cocking Lever For Automan II-C Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 26310)	94.03	12.67
21 22 16 00-0163	EA	LT-30-R Nitrogen Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 5373)	112.18	16.78
21 22 16 00-0164	EA	Remote Actuator Booster With N2 Cartridge, Releasing Device Equipment, Inergen® Fire Suppression System (Ansul 28939)	1,078.41	131.13
21 22 16 00-0165		Replacement Orifice Plates, Inergen® Fire Suppression System (21 22 16 00-0079)		
21 22 16 00-0166	EA	1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418095)	118.17	12.45
21 22 16 00-0167	EA	3/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418096)	123.85	13.11
21 22 16 00-0168	EA	1" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418097)	130.08	13.33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0169 EA 1-1/4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418098).....	139.65	13.78
21 22 16 00-0170 EA 1-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418099).....	145.23	15.11
21 22 16 00-0171 EA 2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 418100).....	145.78	16.34
21 22 16 00-0172 EA 2-1/2" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426984).....	318.79	43.78
21 22 16 00-0173 EA 3" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426985).....	321.63	44.23
21 22 16 00-0174 EA 4" Replacement Orifice Plate, Inergen® Fire Suppression System (Ansul 426986).....	412.32	56.67
21 22 16 00-0175 Single Cylinder Bracketing, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0176 EA Strap For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427704).....	150.23	20.64
21 22 16 00-0177 EA Channel For 435 CF Cylinder, Single Cylinder Bracketing, Inergen® Fire Suppression System (Ansul 427705).....	203.63	47.18
Note: Includes saddle, padding and fasteners.		
21 22 16 00-0178 Single Mating Flanges, Flanged Manifold Orifices, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0179 EA 2-1/2" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426856).....	394.18	30.50
Note: Includes gasket and fasteners.		
21 22 16 00-0180 EA 3" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426857).....	329.22	45.55
Note: Includes gasket and fasteners.		
21 22 16 00-0181 EA 4" Threaded, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426858).....	652.92	305.57
Note: Includes gasket and fasteners.		
21 22 16 00-0182 EA 2-1/2" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426859).....	206.42	28.49
Note: Includes gasket and fasteners.		
21 22 16 00-0183 EA 3" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426860).....	242.31	33.24
Note: Includes gasket and fasteners.		
21 22 16 00-0184 EA 4" Slip-On, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426861).....	648.05	305.57
Note: Includes gasket and fasteners.		
21 22 16 00-0185 EA 2-1/2" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426862).....	214.89	29.84
Note: Includes gasket and fasteners.		
21 22 16 00-0186 EA 3" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426863).....	251.77	34.77
Note: Includes gasket and fasteners.		
21 22 16 00-0187 EA 4" Weld Neck, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426864).....	672.15	305.57
Note: Includes gasket and fasteners.		
21 22 16 00-0188 EA 2-1/2" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426828).....	42.51	2.26
Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0189 EA 3" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426829).....	42.95	2.49
Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0190 EA 4" Flange Gasket, Single Mating Flange, Flanged Manifold Orifices, Inergen® Fire Suppression System (Ansul 426830).....	46.24	2.95
Note: Includes a stainless steel inner ring and a carbon steel outer ring.		
21 22 16 00-0191 Upright And Feet, Cylinder Bracketing, Inergen® Fire Suppression System <small>(21 22 16 00-0079)</small>		
21 22 16 00-0192 EA Center Upright Foot, Inergen® Fire Suppression System (Ansul 418508).....	26.31	3.62
21 22 16 00-0193 EA Double Row, Back-To-Back Rows, Weigh Rail Support, Inergen® Fire Suppression System (Ansul 423027).....	216.63	27.56
21 22 16 00-0194 EA 85" High, Cylinder Bracketing For 425 CF And LC100 Cylinders, Inergen® Fire Suppression System (Ansul 426592).....	160.74	27.56
Note: Includes upright, left, right and center.		
21 22 16 00-0195 Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0001)</small>		
21 22 16 00-0196 Accessory Switches, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0197 EA Abort, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76495).....	169.49	23.78
21 22 16 00-0198 EA Abort, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76494).....	192.61	27.11
21 22 16 00-0199 EA Main/Reserve, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76497).....	245.01	34.45
21 22 16 00-0200 EA Main/Reserve, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76496).....	263.90	37.12
21 22 16 00-0201 EA Maintenance, Flush Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76499).....	330.42	46.68
21 22 16 00-0202 EA Maintenance, Surface Mount Switch, Autopulse® Fire Detection And Control Equipment (Ansul 76498).....	351.69	49.56
21 22 16 00-0203 EA Explosion Proof, Abort Switch, Autopulse® Fire Detection And Control Equipment (Ansul 65956).....	674.04	95.57
21 22 16 00-0204 EA Single Gang, Surface Mount Back Box For Accessory Switches, Autopulse® Fire Detection And Control Equipment (Ansul 76490).....	54.34	7.12
21 22 16 00-0205 Alarm Devices, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0206 EA Selectable Candela Strobe, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429698).....	146.81	20.67
21 22 16 00-0207 EA Sync Module, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429699).....	215.29	30.23
21 22 16 00-0208 EA Back Box Extender Adapter, Alarm Devices, Autopulse® Fire Detection And Control Equipment (Ansul 429702).....	19.64	2.75
21 22 16 00-0209 Annunciators, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>		
21 22 16 00-0210 EA 80 Character LCD, Annunciator, LCD-80, Autopulse® Fire Detection And Control Equipment (Ansul 417492).....	1,691.41	239.81

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 22 Clean-Agent Fire-Extinguishing Systems**

MINOR				TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION		UNIT COST		UNIT COST	
21 22 16 00-0211	EA	16 Zone Alarm/Trouble, Annunciator Control Module, ACM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417496)		1,417.91		200.91	
21 22 16 00-0212	EA	16 Zone Alarm/Trouble, Annunciator Expander Module, AEM-16AT, Autopulse® Fire Detection And Control Equipment (Ansul 417497)		1,100.70		156.02	
21 22 16 00-0213	EA	32 Zone, Alarm Annunciator Expander Module, AEM-32A, Autopulse® Fire Detection And Control Equipment (Ansul 417500)		958.67		135.79	
21 22 16 00-0214	EA	Annunciator Lamp Driver Control Module, LDM-32, Autopulse® Fire Detection And Control Equipment (Ansul 417501)		958.67		135.79	
21 22 16 00-0215	EA	Annunciator Lamp Driver Expander Module, LDM-E32, Autopulse® Fire Detection And Control Equipment (Ansul 417502)		767.98		108.68	
21 22 16 00-0216	EA	Annunciator Lamp Driver Relay Module, LDM-R32, Autopulse® Fire Detection And Control Equipment (Ansul 417650)		1,417.91		200.91	
21 22 16 00-0217	EA	24", Annunciator Lamp Driver Cable, LDM-CBL24, Autopulse® Fire Detection And Control Equipment (Ansul 417651)		288.42		40.67	
21 22 16 00-0218	EA	48", Annunciator Lamp Driver Cable, LDM-CBL48, Autopulse® Fire Detection And Control Equipment (Ansul 417652)		361.58		51.12	
21 22 16 00-0219	EA	8 Relay, Annunciator Control Module, ACM-8R, Autopulse® Fire Detection And Control Equipment (Ansul 417653)		725.01		102.68	
21 22 16 00-0220	EA	Key Switch, AKS-1 Annunciator Accessory, Autopulse® Fire Detection And Control Equipment (Ansul 417660)		122.51		17.22	
21 22 16 00-0221	EA	Low Profile Annunciator Chassis, CHS-4L, Autopulse® Fire Detection And Control Equipment (Ansul 418576)		166.59		23.78	
		Note: For up to 4 LDM modules.					
21 22 16 00-0222	EA	Flush, Single Annunciator Back Box, ABF-1, Autopulse® Fire Detection And Control Equipment (Ansul 417657)		288.43		40.67	
21 22 16 00-0223		Autopulse IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>					
21 22 16 00-0224	EA	CHS-4 Chassis, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419586)		224.00		33.12	
21 22 16 00-0225	EA	REL 47K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419639)		13.83		2.27	
21 22 16 00-0226	EA	REL 4.7K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 419640)		98.12		2.75	
21 22 16 00-0227	EA	REL 2.2K, In Line Supervisory Device, IQ-396X Cabinets/Accessories, Autopulse® Fire Detection And Control Equipment (Ansul 407765)		14.92		2.75	
21 22 16 00-0228		Autopulse IQ-396X Modules, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>					
21 22 16 00-0229	EA	Indicating Circuit Expander, IQ-396X Modules, ICE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419564)		497.90		74.23	
21 22 16 00-0230	EA	Control Relay Expander, IQ-396X Modules, CRE-4, Autopulse® Fire Detection And Control Equipment (Ansul 419566)		298.50		44.23	
21 22 16 00-0231		Batteries And Power Supplies, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>					
21 22 16 00-0232	EA	7 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417692)		220.43		28.45	
21 22 16 00-0233	EA	12 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417693)		460.91		60.23	
21 22 16 00-0234	EA	18 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417694)		520.11		68.23	
21 22 16 00-0235	EA	25 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417695)		680.35		83.12	
21 22 16 00-0236	EA	55 Ampere Hours, 24 Volt DC, Battery Pack, Autopulse® Fire Detection And Control Equipment (Ansul 417997)		1,095.90		144.24	
21 22 16 00-0237	EA	BB-17, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 418578)		163.84		22.89	
21 22 16 00-0238	EA	BB-25, Grey Cabinet, Autopulse® Fire Detection And Control Equipment (Ansul 428079)		292.67		41.34	
		Note: Holds six XP5 modules or 25AH battery pack.					
21 22 16 00-0239	EA	BB-55, Red Battery Box, Autopulse® Fire Detection And Control Equipment (Ansul 419410)		595.22		84.23	
		Note: For mounting in BB-55 battery box.					
21 22 16 00-0240	EA	Battery Charger, CHG-120, Autopulse® Fire Detection And Control Equipment (Ansul 426207)		1,730.35		245.37	
		Note: For mounting in BB-55 battery box.					
21 22 16 00-0241	EA	120 Volt AC, FCPS-24F, Red Remote Power Supply, Autopulse® Fire Detection And Control Equipment (Ansul 418563)		1,265.43		179.35	
21 22 16 00-0242		Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment <small>(21 22 16 00-0195)</small>					
21 22 16 00-0243	EA	Monitor Module, Intelligent Addressable Devices, FMM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428097)		133.32		19.00	
21 22 16 00-0244	EA	Mini Monitor Module, Intelligent Addressable Devices, FMM-101, Autopulse® Fire Detection And Control Equipment (Ansul 428098)		124.42		18.89	
21 22 16 00-0245	EA	Isolator Module, Intelligent Addressable Devices, ISO-X, Autopulse® Fire Detection And Control Equipment (Ansul 417480)		168.50		27.11	
21 22 16 00-0246	EA	2-Wire Detector Monitor Module, Intelligent Addressable Devices, FZM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428100)		250.67		35.34	
21 22 16 00-0247	EA	NAC Control Module, Intelligent Addressable Devices, FCM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428101)		194.78		28.67	
21 22 16 00-0248	EA	Control Relay Module, Intelligent Addressable Devices, FRM-1, Autopulse® Fire Detection And Control Equipment (Ansul 428102)		182.90		27.56	
21 22 16 00-0249	EA	Flangeless, Analog Addressable Detector Base, Intelligent Addressable Devices, B501, Autopulse® Fire Detection And Control Equipment (Ansul 417487)		29.13		4.40	
21 22 16 00-0250	EA	Analog Addressable Detector Base With Isolator, Intelligent Addressable Devices, B224BI, Autopulse® Fire Detection And Control Equipment (Ansul 426125)		107.57		15.56	
21 22 16 00-0251	EA	Harsh Detector, Analog Addressable Detector Base, Intelligent Addressable Devices, B710HD, Autopulse® Fire Detection And Control Equipment (Ansul 427066)		107.63		15.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0252 EA HPX-751 Detector Filter Cover, Intelligent Addressable Devices, FR-FTX, Autopulse® Fire Detection And Control Equipment (Ansul 427067).....	37.58	12.45
21 22 16 00-0253 EA Low Profile Trim Ring, Intelligent Addressable Devices, F110, Autopulse® Fire Detection And Control Equipment (Ansul 428138).....	9.90	1.38
Note: Converts BX501 to low profile base.		
21 22 16 00-0254 EA Relay Base, Intelligent Addressable Devices, B224RB, Autopulse® Fire Detection And Control Equipment (Ansul 423945).....	103.61	14.55
21 22 16 00-0255 EA EOL Power Supervision Relay, Intelligent Addressable Devices, Autopulse® Fire Detection And Control Equipment (Ansul 417699).....	60.69	8.58
21 22 16 00-0256 EA XP5 Modules Cabinet, Intelligent Addressable Devices, BB-XP, Autopulse® Fire Detection And Control Equipment (Ansul 428078).....	164.34	22.67
21 22 16 00-0257 EA BB-25 Chassis, Intelligent Addressable Devices, CHS-6, Autopulse® Fire Detection And Control Equipment (Ansul 428080).....	85.93	12.00
21 22 16 00-0258 Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
21 22 16 00-0259 EA Break Rod Package For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 428661).....	24.76	3.23
21 22 16 00-0260 EA Key Pull Station For Manual Pull Stations, Autopulse® Fire Detection And Control Equipment (Ansul 418336).....	15.37	1.77
21 22 16 00-0261 Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (21 22 16 00-0195)		
21 22 16 00-0262 EA Transmitter Module, 4XTM, Autopulse® Fire Detection And Control Equipment (Ansul 417470).....	215.29	30.23
Note: Includes municipal box and remote station connection.		
21 22 16 00-0263 EA Relay/Transmitter Module With 8 Form C Relay Contacts, RTM-8, Autopulse® Fire Detection And Control Equipment (Ansul 417471).....	647.84	86.90
21 22 16 00-0264 EA Universal Digital Alarm COM/XMTR Module, UDACT, Autopulse® Fire Detection And Control Equipment (Ansul 419411).....	1,235.73	175.13
21 22 16 00-0265 EA Ferrite Core For Transmitter/Relay Modules, Autopulse® Fire Detection And Control Equipment (Ansul 419635).....	32.97	4.54
21 22 16 00-0266 Vesda® Aspirating Smoke Detection System (21 22 16 00-0001)		
21 22 16 00-0267 Batteries And Power Supplies, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0268 EA Transformer Only, VSP-TRAN-120, Vesda® Aspirating Smoke Detection System (Ansul 430482).....	167.78	21.34
21 22 16 00-0269 EA Battery Cabinet, VBC-001, Vesda® Aspirating Smoke Detection System (Ansul 430379).....	405.35	32.16
21 22 16 00-0270 EA 120 Volt AC, Single Zone Power Supply With Housing, VPS-100US-120, Vesda® Aspirating Smoke Detection System (Ansul 430374).....	932.41	124.46
21 22 16 00-0271 EA 220 Volt AC, Single Zone Power Supply With Housing, VPS-100US-220, Vesda® Aspirating Smoke Detection System (Ansul 430375).....	932.41	124.46
21 22 16 00-0272 EA 120 Volt AC, Multi Zone Power Supply, VPS-300US-120, Vesda® Aspirating Smoke Detection System (Ansul 430376).....	1,400.99	186.69
Note: Includes housing and battery cab.		
21 22 16 00-0273 EA 220 Volt AC, Multi Zone Power Supply, VPS-300US-220, Vesda® Aspirating Smoke Detection System (Ansul 430377).....	1,400.99	186.69
Note: Includes housing and battery cab.		
21 22 16 00-0274 EA 48 Volt DC, Multi Zone Power Supply With Housing, VPS-400US-48, Vesda® Aspirating Smoke Detection System (Ansul 430378).....	2,050.94	237.81
21 22 16 00-0275 Blank Plates, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0276 EA Blank Plate Without VESDA Logo, VSP-300, Vesda® Aspirating Smoke Detection System (Ansul 430459).....	30.07	4.00
21 22 16 00-0277 EA Blank Plate With VESDA Logo, VSP-000, Vesda® Aspirating Smoke Detection System (Ansul 430458).....	45.59	4.00
21 22 16 00-0278 EA Blank Plate, EMC Painted Without Logo, VSP-200, Vesda® Aspirating Smoke Detection System (Ansul 430484).....	65.97	7.56
21 22 16 00-0279 EA Single Blank Plate, VRE-001, Vesda® Aspirating Smoke Detection System (Ansul 430446).....	103.16	8.45
21 22 16 00-0280 EA Double Blank Plate, VRE-002, Vesda® Aspirating Smoke Detection System (Ansul 430447).....	128.95	16.89
21 22 16 00-0281 EA Blank Plate Without FOK LED's And Logo, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430480).....	240.09	21.34
21 22 16 00-0282 Detectors, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0283 EA LaserPLUS, Detector Only, Enclosure, VLP-000, Vesda® Aspirating Smoke Detection System (Ansul 430350).....	7,028.85	1,044.58
Note: Includes 3 blank plates.		
21 22 16 00-0284 EA LaserPLUS Detector, VLP-012, Vesda® Aspirating Smoke Detection System (Ansul 430354).....	8,973.43	1,289.05
Note: Includes centrally mounted LCD programmer module and standard display.		
21 22 16 00-0285 EA LaserPLUS Detector, VLP-010, Vesda® Aspirating Smoke Detection System (Ansul 430356).....	8,112.48	1,177.93
Note: Includes centrally mounted LCD programmer.		
21 22 16 00-0286 EA 7-Relay Version, LaserSCANNER Detector Only, VLS-200, Vesda® Aspirating Smoke Detection System (Ansul 430357).....	11,290.40	1,555.76
21 22 16 00-0287 EA 12-Relay Version, LaserSCANNER Detector Only, VLS-300, Vesda® Aspirating Smoke Detection System (Ansul 430358).....	11,886.08	1,644.66
21 22 16 00-0288 EA 7-Relay Version, LaserSCANNER Detector Only, VLS-600, Vesda® Aspirating Smoke Detection System (Ansul 430359).....	11,414.00	1,577.98
Note: Includes 1 fire alarm (any SCT) and OK/FOK LEDs.		
21 22 16 00-0289 EA 12-Relay Version, LaserSCANNER Detector Only, VLS-700, Vesda® Aspirating Smoke Detection System (Ansul 430360).....	12,054.56	1,666.88
Note: Includes 1 fire alarm (any SCT) and OK/FOK LED.		
21 22 16 00-0290 EA 7-Relay, LaserSCANNER Detector Only, VLS-204, Vesda® Aspirating Smoke Detection System (Ansul 430361).....	12,396.66	1,733.56
Note: Includes 2 blank plates and scan display module at far right.		
21 22 16 00-0291 EA 12-Relay, LaserSCANNER Detector, VLS-304, Vesda® Aspirating Smoke Detection System (Ansul 430363).....	12,932.88	1,822.46
Note: Includes 2 blank plates and scanner display.		

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 22 Clean-Agent Fire-Extinguishing Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0292	EA	7-Relay, LaserSCANNER Detector, VLS-214, Vesda® Aspirating Smoke Detection System (Ansul 430365)..... Note: Includes centrally mounted programmer module.	13,594.14	1,911.36
21 22 16 00-0293	EA	12-Relay, LaserSCANNER Detector, VLS-314, Vesda® Aspirating Smoke Detection System (Ansul 430367)..... Note: Includes centrally mounted LCD programmer module and scanner display module.	14,173.73	2,000.26
21 22 16 00-0294	EA	12-Relay, LaserSCANNER Detector, VLS-310, Vesda® Aspirating Smoke Detection System (Ansul 430369)..... Note: Includes centrally mounted LCD programmer.	13,327.52	1,822.46
21 22 16 00-0295		Displays, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>		
21 22 16 00-0296	EA	VRT-200 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430381)..... Note: Includes a remote termination card and 7 relays.	2,147.04	244.47
21 22 16 00-0297	EA	VRT-400 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430385)..... Note: Includes a remote termination card and 7 relays.	2,157.66	244.47
21 22 16 00-0298	EA	VRT-600 Display, Standard Version, Vesda® Aspirating Smoke Detection System (Ansul 430383)..... Note: Includes a remote termination card without relays.	1,944.32	222.25
21 22 16 00-0299	EA	VRT-700 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430387)..... Note: Includes a remote termination card.	1,956.65	222.25
21 22 16 00-0300	EA	VRT-800 Display, Scanner Version, Vesda® Aspirating Smoke Detection System (Ansul 430389)..... Note: Includes a remote termination card and 12 relays.	2,419.49	266.71
21 22 16 00-0301	EA	VRT-K00 Display, Compact Version Without Relays, Vesda® Aspirating Smoke Detection System (Ansul 430391).....	2,055.55	231.14
21 22 16 00-0302	EA	VRT-J00 Display, Compact Version With 7 Relays, Vesda® Aspirating Smoke Detection System (Ansul 430393).....	2,249.32	259.59
21 22 16 00-0303		Intelligent Addressable Devices, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>		
21 22 16 00-0304	EA	LaserCOMPACT (VN), VESDAnet Version Plus Relay Output, VLC-505, Vesda® Aspirating Smoke Detection System (Ansul 430370).....	5,385.28	733.43
21 22 16 00-0305	EA	LaserCOMPACT (RO), Relay Only Version, VLC-500, Vesda® Aspirating Smoke Detection System (Ansul 430372).....	4,437.19	586.74
21 22 16 00-0306	EA	Programmer With Remote Termination Card, VRT-100, Vesda® Aspirating Smoke Detection System (Ansul 430380).....	1,567.13	222.25
21 22 16 00-0307	EA	VESDAnet Socket, VRT-300, Vesda® Aspirating Smoke Detection System (Ansul 430395).....	1,129.98	144.46
21 22 16 00-0308	EA	System Relay Module, VRT-S07, Vesda® Aspirating Smoke Detection System (Ansul 430399).....	1,575.10	194.69
21 22 16 00-0309	EA	PC-Link High-Level Interface, VHX-0200, Vesda® Aspirating Smoke Detection System (Ansul 430442)..... Note: Interface connects PC and LaserPLUS system.	2,310.84	240.03
21 22 16 00-0310	EA	Modem Cable, PC-HLI To Modem Connection, VHX-00090, Vesda® Aspirating Smoke Detection System (Ansul 430443).....	297.19	36.00
21 22 16 00-0311	EA	Hand-Held Programmer, VHH-1000, Vesda® Aspirating Smoke Detection System (Ansul 430444).....	1,989.42	222.25
21 22 16 00-0312	EA	Programmer Module, VSP-001, Vesda® Aspirating Smoke Detection System (Ansul 430460).....	1,418.01	184.47
21 22 16 00-0313	EA	VESDAnet Socket Kit, VSP-003, Vesda® Aspirating Smoke Detection System (Ansul 430463).....	1,113.98	142.24
21 22 16 00-0314	EA	Standard Display Module, VSP-002, Vesda® Aspirating Smoke Detection System (Ansul 430461).....	1,420.32	184.47
21 22 16 00-0315	EA	Scanner Display Module, VSP-004, Vesda® Aspirating Smoke Detection System (Ansul 430464).....	1,418.01	184.47
21 22 16 00-0316	EA	Remote Display Module, Compact (VN), VSP-502, Vesda® Aspirating Smoke Detection System (Ansul 430487).....	1,403.14	173.36
21 22 16 00-0317	EA	Filter Cartridge, VSP-005, Vesda® Aspirating Smoke Detection System (Ansul 430466).....	167.31	15.56
21 22 16 00-0318	EA	Detector Chassis Assembly, VSP-006, Vesda® Aspirating Smoke Detection System (Ansul 430467).....	6,777.75	853.45
21 22 16 00-0319	EA	Scanner Chassis Assembly, VSP-009, Vesda® Aspirating Smoke Detection System (Ansul 430470).....	11,809.53	1,493.52
21 22 16 00-0320	EA	Aspirator For LaserPLUS And Laser Scanner, VSP-015, Vesda® Aspirating Smoke Detection System (Ansul 430475).....	923.48	111.13
21 22 16 00-0321	EA	Filter Cover, VSP-019, Vesda® Aspirating Smoke Detection System (Ansul 430477).....	21.05	2.23
21 22 16 00-0322	EA	Cover Screws, 17606, Vesda® Aspirating Smoke Detection System (Ansul 430478).....	11.97	0.44
21 22 16 00-0323	EA	US Power Supply Circuit Board Only, VSP-100, Vesda® Aspirating Smoke Detection System (Ansul 430481).....	508.38	64.45
21 22 16 00-0324	EA	Relay Processor Module (DRP), VSP-102, Vesda® Aspirating Smoke Detection System (Ansul 430483).....	615.89	78.23
21 22 16 00-0325	EA	Aspirator, LaserCOMPACT, VSP-501, Vesda® Aspirating Smoke Detection System (Ansul 430486).....	889.03	113.35
21 22 16 00-0326	EA	RO-Cable For LaserCOMPACT Relay Only, (RO) Version, VSP-509, Vesda® Aspirating Smoke Detection System (Ansul 430488).....	130.98	16.89
21 22 16 00-0327	EA	Miniature Sampling Point, E700-SP, Vesda® Aspirating Smoke Detection System (Ansul 430502).....	20.35	3.56
21 22 16 00-0328		Labels And Decals, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>		
21 22 16 00-0329	EA	Sampling Point Labels, Roll Of 35, E700-SP-DCL-PIPE, Vesda® Aspirating Smoke Detection System (Ansul 430509).....	18.55	2.67
21 22 16 00-0330	EA	Round Point Label, Roll Of 50, E700-SP-DCL-PNT, Vesda® Aspirating Smoke Detection System (Ansul 430505).....	19.45	3.11
21 22 16 00-0331	EA	Red, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLR, Vesda® Aspirating Smoke Detection System (Ansul 430506).....	30.07	4.00
21 22 16 00-0332	EA	Grey, Round, Miniature Sampling Point Label, Sheet Of 12, E700-SPLG, Vesda® Aspirating Smoke Detection System (Ansul 430507).....	30.11	4.00
21 22 16 00-0333	EA	Sampling Point Decal, Wrap-Around Style, Roll Of 200, E700-SP-DCL, Vesda® Aspirating Smoke Detection System (Ansul 430508).....	109.10	15.11
21 22 16 00-0334		Mounting Hardware, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>		
21 22 16 00-0335	EA	Remote Mounting Single Box With Escutcheon Only, VKT-000, Vesda® Aspirating Smoke Detection System (Ansul 430456).....	270.01	32.00
21 22 16 00-0336	EA	Recessed Mounting Kit For Remote Single Boxes, VSP-012, Vesda® Aspirating Smoke Detection System (Ansul 430472).....	363.83	42.67
21 22 16 00-0337	EA	Recessed Mounting Kit For VLP Or VLS Detector, VSP-011, Vesda® Aspirating Smoke Detection System (Ansul 430471).....	371.91	46.68
21 22 16 00-0338	EA	Remote 19 Sub Rack With 4 Blank Plates, VSR-0000, Vesda® Aspirating Smoke Detection System (Ansul 430457).....	909.58	66.67
21 22 16 00-0339	EA	Sub Rack Enclosure, VRE-100, Vesda® Aspirating Smoke Detection System (Ansul 430445).....	1,333.58	146.69
21 22 16 00-0340		Pipe And Fittings, Vesda® Aspirating Smoke Detection System <small>(21 22 16 00-0266)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0341 LF 3/4", Orange Chlorinated Polyvinyl Chloride (CPVC) Pipe, Vesda® Aspirating Smoke Detection System (Ansul 430491)	5.04	1.44
21 22 16 00-0342 EA 3/4", End Cap, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430497)	8.42	2.89
21 22 16 00-0343 EA 3/4", 45 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430494)	22.85	8.67
21 22 16 00-0344 EA 3/4", 90 Degree Elbow, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430493)	23.72	8.67
21 22 16 00-0345 EA 3/4", Coupling, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430495)	16.43	5.78
21 22 16 00-0346 EA 3/4", Union, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430496)	26.75	8.67
21 22 16 00-0347 EA 3/4", Tee, Chlorinated Polyvinyl Chloride (CPVC) Socket Weld, Vesda® Aspirating Smoke Detection System (Ansul 430498)	35.24	13.01
21 22 16 00-0348 EA 3/4" x 1/2" FPT, Tee, Chlorinated Polyvinyl Chloride (CPVC), Vesda® Aspirating Smoke Detection System (Ansul 430499)	44.53	15.27
21 22 16 00-0349 LF 1/2" OD x 3/8" ID, Black Polyethylene Tubing, Vesda® Aspirating Smoke Detection System (Ansul 430500)	4.78	1.61
21 22 16 00-0350 EA Pipe Adapters, Metric-To-Imperial, VSP-021, Vesda® Aspirating Smoke Detection System (Ansul 430479)	19.25	4.89
21 22 16 00-0351 EA Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Plastic, E700-CAP KIT, Vesda® Aspirating Smoke Detection System (Ansul 430503)	23.74	3.56
21 22 16 00-0352 EA Capillary Kit, 1 Male 1/2" TH x 1/2" OD, 1 Female 1/2" OD, Brass, Vesda® Aspirating Smoke Detection System (Ansul 430504)	34.07	4.89
 21 22 16 00-0353 Remote Termination And Relay Cards, Vesda® Aspirating Smoke Detection System (21 22 16 00-0266)		
21 22 16 00-0354 EA VRT-500, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430396)	1,560.18	170.69
Note: Remote box includes 7 relays for VLP/VLC.		
21 22 16 00-0355 EA VN, Compact Termination Card, VSP-515, Vesda® Aspirating Smoke Detection System (Ansul 430490)	1,588.12	196.47
21 22 16 00-0356 EA 12-Relay, Remote Termination Card, VSP-208, Vesda® Aspirating Smoke Detection System (Ansul 430485)	961.17	120.02
21 22 16 00-0357 EA RO, Compact Termination Card, VSP-510, Vesda® Aspirating Smoke Detection System (Ansul 430489)	1,098.41	135.57
21 22 16 00-0358 EA VRT-501, Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430397)	1,560.18	170.69
Note: Remote box includes 7 relays for VLS.		
21 22 16 00-0359 EA VRT-900 Remote Termination And Relay Proc Card With Blank Plates, Vesda® Aspirating Smoke Detection System (Ansul 430398)	1,883.64	196.47
Note: Remote box includes 12 relays for VLS.		
21 22 16 00-0360 EA Remote Termination Card Without Relay, VSP-007, Vesda® Aspirating Smoke Detection System (Ansul 430468)	533.87	60.45
21 22 16 00-0361 EA Remote Termination Card (RTC7), VSP-008, Vesda® Aspirating Smoke Detection System (Ansul 430469)	802.84	92.45
21 22 16 00-0362 EA 7-Relay, Head Termination Card, VSP-014, Vesda® Aspirating Smoke Detection System (Ansul 430474)	1,510.41	191.14
21 22 16 00-0363 EA 12-Relay, Head Termination Card, VSP-016, Vesda® Aspirating Smoke Detection System (Ansul 430476)	2,215.83	280.04
 21 22 16 00-0364 Preferred® Low Pressure CO2 System (21 22 16 00-0001)		
21 22 16 00-0365 Manual Pull Stations, Preferred® Low Pressure CO2 System (21 22 16 00-0364)		
21 22 16 00-0366 EA Addressable, DPST, Dual Action Pull Station, Preferred® Low Pressure CO2 System (Ansul 428658)	119.57	15.56
Note: Excludes FMM-101.		
21 22 16 00-0367 EA Weatherproof Backbox For Manual Pull Stations, Preferred® Low Pressure CO2 System (Ansul 428659)	89.45	11.56
 21 22 16 00-0368 Industrial Fire Control System (21 22 16 00-0001)		
21 22 16 00-0369 Alarm Devices, Industrial Fire Control System (21 22 16 00-0368)		
21 22 16 00-0370 EA Explosion Proof Alarm Horn, Alarm Devices, Industrial Fire Control System (Ansul 65947)	2,890.98	410.06
21 22 16 00-0371 EA 6", 115 Volt AC Alarm Bell For Release Systems, Alarm Devices, Industrial Fire Control System (Ansul 24751)	88.74	9.42
21 22 16 00-0372 EA 24 Volt AC, Multitone Horn, Alarm Devices, Industrial Fire Control System (Ansul 429697)	87.35	12.23
21 22 16 00-0373 EA Weatherproof Surface Back Box For Horn And Strobe, Alarm Devices, Industrial Fire Control System (Ansul 429700)	52.02	7.34
21 22 16 00-0374 EA Semi-Flush Plate, Alarm Devices, Industrial Fire Control System (Ansul 429701)	21.27	2.97
 21 22 16 00-0375 Manual Pull Stations, Industrial Fire Control System (21 22 16 00-0368)		
21 22 16 00-0376 EA SPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428655)	98.80	12.89
21 22 16 00-0377 EA DPST, Dual Action Pull Station, Industrial Fire Control System (Ansul 428656)	139.31	18.22
21 22 16 00-0378 EA Explosion Proof, DPDT, Dual Action Pull Station, Industrial Fire Control System (Ansul 428657)	1,087.52	143.13
21 22 16 00-0379 EA Surface Mounted Backbox For Manual Pull Stations, Industrial Fire Control System (Ansul 428660)	31.62	4.13
21 22 16 00-0380 EA Extra Pull Station Labels For Manual Pull Stations, Industrial Fire Control System (Ansul 428654)	14.18	1.84
 21 22 16 00-0381 Marine Fire Control System (21 22 16 00-0001)		
21 22 16 00-0382 Alarm Devices, Marine Fire Control System (21 22 16 00-0381)		
21 22 16 00-0383 EA Weatherproof Surface Mount Back Box For Alarm Accessories, Alarm Devices, Marine Fire Control System (Ansul 24747)	57.31	7.47
21 22 16 00-0384 EA 6", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417805)	105.54	14.44
21 22 16 00-0385 EA 10", 24 Volt DC, Alarm Bell, Alarm Devices, Marine Fire Control System (Ansul 417806)	105.54	14.44
 21 22 16 00-0386 FM200 System Equipment (21 22 16)		
21 22 16 00-0387 EA 26 LB Cylinder, Filled, For FM200 Fire Protection system	3,527.83	107.22
21 22 16 00-0388 EA 44 LB Cylinder, Filled, For FM200 Fire Protection system	5,064.99	122.76

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 22 Clean-Agent Fire-Extinguishing Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 22 16 00-0389 EA 63 LB Cylinder, Filled, For FM200 Fire Protection system.....	6,012.59	144.74
21 22 16 00-0390 EA 101 LB Cylinder, Filled, For FM200 Fire Protection system.....	7,973.91	171.55
21 22 16 00-0391 EA 196 LB Cylinder, Filled, For FM200 Fire Protection system.....	12,477.57	214.44
21 22 16 00-0392 EA Electro/Mechanical Release, For FM200 Fire Protection system.....	730.10	214.44
21 22 16 00-0393 EA Manual Pull Station, For FM200 Fire Protection system.....	255.54	71.30
21 22 16 00-0394 EA Pneumatic Damper Release, For FM200 Fire Protection system.....	320.58	53.61
21 22 16 00-0395 LB FM200 Gas.....	27.23	
21 22 16 00-0396 EA Master Cylinder, For FM200 Fire Protection system.....	5,786.12	57.68
21 22 16 00-0397 EA Shuttle Check Valve, For FM200 Fire Protection system.....	812.94	80.63
21 22 16 00-0398 EA Flex Head Cylinder, For FM200 Fire Protection system.....	808.60	86.42
21 22 16 00-0399 EA Nozzles, For FM200 Fire Protection system.....	199.19	30.56
21 22 16 00-0400 EA Cylinder Support, For FM200 Fire Protection system.....	227.94	57.68
21 22 16 00-0401 EA Solenoid Valve, For FM200 Fire Protection system.....	1,054.02	86.42
21 22 16 00-0402 EA Battery Back-Up, For FM200 Fire Protection system.....	753.58	227.94
21 22 16 00-0403 EA Control Panel, Single Zone, For FM200 Fire Protection system.....	4,119.57	428.23
21 22 16 00-0404 EA Control Panel, Multi Zone, For FM200 Fire Protection system.....	6,634.83	857.43
21 22 16 00-0405 EA Smoke Or Heat Detector, For FM200 Fire Protection system.....	318.13	86.42
21 22 16 00-0406 EA Annunciator, For FM200 Fire Protection system.....	3,341.70	324.55
21 22 16 00-0407 EA Pressure Switch, For FM200 Fire Protection system.....	347.07	86.42
21 22 16 00-0408 EA Alarm Horn, For FM200 Fire Protection system.....	315.33	86.42
21 22 16 00-0409 EA Testing, For FM200 Fire Protection system.....	1,491.51	
21 22 16 00-0410 EA Abort Switch, For FM200 Fire Protection system.....	222.82	40.20

21 23 Wet-Chemical Fire-Extinguishing Systems (21 20)**21 23 16 Wet-Chemical Fire-Extinguishing Equipment (21 23)**

21 23 16 00-0001 Kidde Fire Systems (21 23 16)
Note: Kidde or equal.

21 23 16 00-0002 Cylinders And Hardware (21 23 16 00-0001)

21 23 16 00-0003 EA 125 Cylinder And Valve Assembly With 1.25 Gallon Of Wet Agent.....	902.71	88.83
21 23 16 00-0004 EA 260 Cylinder And Valve Assembly With 2.6 Gallon Of Wet Agent.....	1,036.32	110.64
21 23 16 00-0005 EA 400S And M Cylinder And Valve Assembly With 4 Gallon Of Wet Agent.....	1,269.77	136.50
21 23 16 00-0006 EA 600 And L Cylinder And Valve Assembly With 6 Gallon Of Wet Agent.....	1,499.35	161.96
21 23 16 00-0007 EA Discharge Adapter Kit (One Required Per Cylinder).....	50.63	4.64
21 23 16 00-0008 EA System Valve Actuator.....	181.69	18.46
21 23 16 00-0009 EA Vent Plug.....	34.06	3.75
21 23 16 00-0010 EA Gauge Shield.....	90.61	9.87
21 23 16 00-0011 EA 125 Cylinder Wall Mounting Bracket.....	93.60	9.87
21 23 16 00-0012 EA 260 Cylinder Wall Mounting Bracket.....	99.22	10.46
21 23 16 00-0013 EA 400S And M Cylinder Wall Mounting Bracket.....	188.62	19.74
21 23 16 00-0014 EA 600 And 400M Cylinder Shelf Bracket.....	185.08	22.41
21 23 16 00-0015 EA 600 And 400M Cylinder Floor Mounting Kit.....	269.66	22.46
21 23 16 00-0016 EA 125 And 260 Cylinder Replacement Bracket Strap.....	36.19	
21 23 16 00-0017 EA 400 And 600 Cylinder Replacement Bracket Strap.....	38.22	

21 23 16 00-0018 Nozzles And Accessories (21 23 16 00-0001)

21 23 16 00-0019 EA ADP, F, GRW Or R Nozzle.....	83.92	9.08
21 23 16 00-0020 EA LPF Or DM Nozzle.....	91.30	9.08
21 23 16 00-0021 EA LPR Nozzle.....	106.51	9.08
21 23 16 00-0022 EA 3/8" Swivel Adapter For Nozzles.....	63.00	6.41
21 23 16 00-0023 EA Removal And Replacement Of Nozzle Seals.....	9.93	
21 23 16 00-0024 EA Chrome Nozzle Disc Cap.....	6.12	0.59
21 23 16 00-0025 EA LPR Nozzle Disc Cap.....	34.26	9.03

21 23 16 00-0026 Control Systems (21 23 16 00-0001)

21 23 16 00-0027 EA XV Control System.....	1,153.11	59.22
Note: Includes (1) SVA, (1) system cartridge, (1) test cartridge, (1) EMT connector kit, (1) SPDT microswitch kit, and (1) SPDT microswitch kit.		
21 23 16 00-0028 EA 7-1/2" High Pressure Hose (Required for cylinder mounted XV Control System).....	96.68	9.87
21 23 16 00-0029 EA 24" High Pressure Hose.....	114.91	9.87
21 23 16 00-0030 EA 60" High Pressure Hose.....	155.40	9.87
21 23 16 00-0031 EA XV Solenoid Kit (Electric Actuator), 24 Volt DC.....	223.74	19.74
21 23 16 00-0032 EA XV Microswitch Kit, SPDT.....	73.23	9.27
21 23 16 00-0033 EA XV Microswitch Kit, SPDT, Terminal Type, For Alarm/Release.....	79.30	9.27
21 23 16 00-0034 EA EMT Connector Kit (EMT Connector And O-Ring).....	31.01	7.40
21 23 16 00-0035 EA KRS-50 Control Box Assembly.....	647.48	38.24
Note: Includes (1) SVA, (2) CO2 cartridges, (2) set screws, (1) grommet, (1) cover label, and (1) exhaust fan caution label.		
21 23 16 00-0036 EA SPDT Microswitch For KRS-50.....	87.94	9.27
21 23 16 00-0037 EA DPDT Microswitch For KRS-50.....	159.18	16.09
21 23 16 00-0038 EA SPDT Pressure Switch (Fire Department Tie-In).....	488.57	51.62

21 23 16 00-0039 Mechanical Actuation Components (21 23 16 00-0001)

21 23 16 00-0040 EA Universal Detector Link Housing Kit, Mechanical Actuation Systems.....	54.71	14.81
Note: Includes (1) bracket (11-3/4"), (2) "S" hook, and (2) cable crimp sleeves.		
21 23 16 00-0041 EA XV Low Profile Link Detector Housing Kit.....	82.25	14.81
Note: Includes (1) bracket, (2) 1/2" EMT connectors, (4) cable crimp sleeves, and (1) S hook.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0042 EA XV Or KRS-50 Remote Manual Release, Combination Pull-To-Trip/Release-To-Trip.....	230.32	9.87
21 23 16 00-0043 EA XV Remote Manual Release, Pull-To-Trip.....	175.65	9.87
21 23 16 00-0044 EA Corner Pulley, Mechanical Actuation Systems.....	24.52	2.66
21 23 16 00-0045 EA Double Tee Pulley, Mechanical Actuation Systems.....	341.12	16.29
21 23 16 00-0046 EA In-Line Tee Pulley, Mechanical Actuation Systems.....	41.11	4.34
21 23 16 00-0047 EA Corner Pulley / Quik-Seal Adapter Combination.....	92.89	4.94
21 23 16 00-0048 LF 1/16" Cable, Mechanical Actuation Systems.....	2.44	0.99
21 23 16 00-0049 EA Cable Clamp.....	13.14	0.49
21 23 16 00-0050 EA Cable Crimp Sleeve, Mechanical Actuation Systems.....	1.60	0.39
21 23 16 00-0051 EA "S" Hook, Mechanical Actuation Systems.....	1.54	0.39
21 23 16 00-0052 EA 1/2" EMT x 3/8" NPT Adapter, Mechanical Actuation Systems.....	87.71	9.18
21 23 16 00-0053 Mechanical Detection Links (21 23 16 00-0001)		
21 23 16 00-0054 EA KGS Standard Response Link.....	18.43	4.94
21 23 16 00-0055 EA KGS Rapid Response Link.....	27.00	4.94
21 23 16 00-0056 EA KFA Type "A" Fusible Link.....	23.16	4.94
21 23 16 00-0057 EA KML Type "ML" Fusible Link.....	24.04	4.94
21 23 16 00-0058 EA 500 Degree, KML Type "ML" Fusible Link.....	36.19	4.94
21 23 16 00-0059 Gas Valves (21 23 16 00-0001)		
21 23 16 00-0060 EA 3/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	398.48	21.32
21 23 16 00-0061 EA 1" NPT Mechanical Cable Operated Gas Shut-off Valve.....	433.49	26.26
21 23 16 00-0062 EA 1-1/4" NPT Mechanical Cable Operated Gas Shut-off Valve.....	497.57	33.16
21 23 16 00-0063 EA 1-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	545.87	38.19
21 23 16 00-0064 EA 2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	589.27	45.11
21 23 16 00-0065 EA 2-1/2" NPT Mechanical Cable Operated Gas Shut-off Valve.....	977.90	65.93
21 23 16 00-0066 EA 3" NPT Mechanical Cable Operated Gas Shut-off Valve.....	1,091.75	76.29
21 23 16 00-0067 EA Pneumatic Release (Single Unit).....	452.66	24.08
21 23 16 00-0068 EA Removal And Replacement Of Cable Block And Set Screw Assembly For Gas Valve.....	59.36	
21 23 16 00-0069 EA 1/2" Electric Solenoid Gas Shut-off Valve.....	416.17	19.84
21 23 16 00-0070 EA 3/4" Electric Solenoid Gas Shut-off Valve.....	419.15	21.32
21 23 16 00-0071 EA 1" Electric Solenoid Gas Shut-off Valve.....	647.60	26.26
21 23 16 00-0072 EA 1-1/4" Electric Solenoid Gas Shut-off Valve.....	685.10	33.16
21 23 16 00-0073 EA 1-1/2" Electric Solenoid Gas Shut-off Valve.....	786.55	38.19
21 23 16 00-0074 EA 2" Electric Solenoid Gas Shut-off Valve.....	1,011.58	45.11
21 23 16 00-0075 EA 2-1/2" Electric Solenoid Gas Shut-off Valve.....	1,673.38	65.93
21 23 16 00-0076 EA 3" Electric Solenoid Gas Shut-off Valve.....	2,103.22	76.29
21 23 16 00-0077 EA Manual Reset Relay.....	560.18	99.19
21 23 16 00-0078 Liquid Tight Sealing Adapters (21 23 16 00-0001)		
21 23 16 00-0079 EA 3/8" Tubing, Compression Seal Adapter.....	45.20	4.14
21 23 16 00-0080 EA 1/2" Tubing, 1/4" Pipe, Compression Seal Adapter.....	44.45	4.54
21 23 16 00-0081 EA 5/8" Tubing, 3/8" Pipe, Compression Seal Adapter.....	52.17	5.43
21 23 16 00-0082 EA 3/4" Tubing, 1/2" Pipe, Compression Seal Adapter.....	60.29	5.83
21 23 16 00-0083 EA 1/2" Electrical Metallic Tubing (EMT), Compression Seal Adapter.....	52.17	5.43
21 23 16 00-0084 EA 3/8" NPT Female, Quik-Seal Adapter.....	44.45	4.54
21 23 16 00-0085 EA 1/2" NPT Female, Quik-Seal Adapter.....	44.45	4.54
21 23 16 00-0086 EA 3/4" NPT Female, Quik-Seal Adapter.....	72.95	7.70
21 23 16 00-0087 EA 1" NPT Female, Quik-Seal Adapter.....	97.13	10.17
21 23 16 00-0088 EA Quik-Patch For Hole Patching Up To 1-1/8" Diameter.....	44.45	
21 23 16 00-0089 Pressure Operated Releasing Systems (21 23 16 00-0001)		
21 23 16 00-0090 EA KRS-100 Nitrogen Cylinder.....	323.89	29.81
21 23 16 00-0091 EA KRS-100 Actuator Assembly.....	289.64	30.40
21 23 16 00-0092 EA KRS-100 Mounting Bracket.....	230.49	7.50
21 23 16 00-0093 EA KRS-700S Nitrogen Cylinder.....	831.93	85.97
21 23 16 00-0094 EA KRS-700 Mounting Bracket.....	177.07	18.36
21 23 16 00-0095 EA KRS-700S Discharge Adapter Kit.....	269.92	18.36
21 23 16 00-0096 EA Check Valve, Pressure Operated Releasing Systems.....	268.19	13.03
21 23 16 00-0097 EA Vent Check, Pressure Operated Releasing Systems.....	81.64	8.29
21 23 16 00-0098 EA Removal And Replacement Of Receiver Gasket For KRS-100 Actuator Assembly.....	10.79	
21 23 16 00-0099 EA 3 Pole, Double Throw Pressure Switch.....	666.79	69.09
21 23 16 00-0100 Pyro-Chem Kitchen Fire Suppression Systems (21 23 16)		
21 23 16 00-0101 Cylinders, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0102 EA 3.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551194).....	865.04	70.07
21 23 16 00-0103 EA 4.6 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551193).....	1,246.04	100.97
21 23 16 00-0104 EA 6.0 Gallon Agent Cylinder With Valve, Kitchen Fire Suppression Systems (Pyro-Chem 551196).....	1,634.94	138.08
21 23 16 00-0105 EA Cylinder Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550053).....	176.77	16.48
21 23 16 00-0106 EA Enclosure With Mechanical Control Unit, Kitchen Fire Suppression Systems (Pyro-Chem 551208).....	1,163.90	107.78
21 23 16 00-0107 EA Enclosure For Secondary Cylinders, Kitchen Fire Suppression Systems (Pyro-Chem 550966).....	710.63	65.73
21 23 16 00-0108 Fusible Links, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0109 EA 165 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551522).....	22.95	2.17

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 23 Wet-Chemical Fire-Extinguishing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0110	EA		212 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551523).....	22.95	2.17
21 23 16 00-0111	EA		280 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551524).....	23.51	2.17
21 23 16 00-0112	EA		360 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551525).....	22.95	2.17
21 23 16 00-0113	EA		450 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551526).....	22.95	2.17
21 23 16 00-0114	EA		500 Fahrenheit, Fusible Link, Kitchen Fire Suppression Systems (Pyro-Chem 551527).....	25.00	2.17
21 23 16 00-0115	EA		Fusible Link Kit With 10" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550131).....	39.75	3.65
21 23 16 00-0116	EA		Fusible Link Kit With 8" Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550132).....	51.58	4.84
21 23 16 00-0117	EA		Fusible Link Hanger, Kitchen Fire Suppression Systems (Pyro-Chem 550876).....	58.65	24.97
21 23 16 00-0118	EA		225 To 600 Fahrenheit, Electrical Thermal Detector, Kitchen Fire Suppression Systems (Pyro-Chem 13970-6).....	494.15	55.57
21 23 16 00-0119			Gas Valves, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0120	EA		3/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550593).....	418.74	21.32
21 23 16 00-0121	EA		1" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550594).....	476.49	26.26
21 23 16 00-0122	EA		1-1/4" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550595).....	513.15	33.16
21 23 16 00-0123	EA		1-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550596).....	564.09	38.10
21 23 16 00-0124	EA		2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 551049).....	648.61	45.01
21 23 16 00-0125	EA		2-1/2" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550185).....	1,520.05	65.83
21 23 16 00-0126	EA		3" Mechanical Gas Valve, Direct Cable Hookup, Kitchen Fire Suppression Systems (Pyro-Chem 550186).....	1,620.60	76.19
21 23 16 00-0127	EA		3/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550358).....	327.52	21.32
21 23 16 00-0128	EA		1" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550359).....	560.86	26.26
21 23 16 00-0129	EA		1-1/4" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550360).....	583.82	33.16
21 23 16 00-0130	EA		1-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550361).....	664.40	38.10
21 23 16 00-0131	EA		2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550362).....	922.21	45.01
21 23 16 00-0132	EA		2-1/2" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550363).....	1,789.06	65.83
21 23 16 00-0133	EA		3" Electrical Gas Valve, Kitchen Fire Suppression Systems (Pyro-Chem 17643).....	1,885.09	76.19
21 23 16 00-0134			Nozzles, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0135	EA		Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	82.34	7.31
21 23 16 00-0136	EA		Swivel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	117.21	9.27
21 23 16 00-0137	EA		Stainless Steel Nozzle, Kitchen Fire Suppression Systems (Pyro-Chem).....	459.10	9.27
21 23 16 00-0138			Actuating Cylinders/Cartridges, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0139	EA		Carbon Dioxide Actuation Cartridge, Kitchen Fire Suppression Systems (Pyro-Chem 551059).....	30.37	2.86
21 23 16 00-0140	EA		PAC-10, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550104).....	994.79	92.67
21 23 16 00-0141	EA		PAC-200, Pneumatic Actuating Cylinder, Kitchen Fire Suppression Systems (Pyro-Chem 550690).....	1,267.53	118.54
21 23 16 00-0142			Circuit Monitors, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0143	EA		24 Volt DC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550303).....	650.28	60.70
21 23 16 00-0144	EA		120 Volt AC, System Circuit Monitor/Gas Valve Reset Relay, Kitchen Fire Suppression Systems (Pyro-Chem 550302).....	784.65	73.14
21 23 16 00-0145			Control Heads, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0146	EA		Mechanical Control Head, No Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551203).....	717.46	66.92
21 23 16 00-0147	EA		Mechanical Control Head With Local Action, Kitchen Fire Suppression Systems (Pyro-Chem 551200).....	748.77	69.97
21 23 16 00-0148	EA		24 Volt DC, Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551201).....	975.41	91.00
21 23 16 00-0149	EA		120 Volt AC Electrical Control Head With Local Actuation, Kitchen Fire Suppression Systems (Pyro-Chem 551202).....	1,118.88	104.62
21 23 16 00-0150	EA		Control Head Mounting Bracket, Kitchen Fire Suppression Systems (Pyro-Chem 550853).....	90.88	8.49
21 23 16 00-0151			Corner Pulleys/Tees, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0152	EA		Set Screw Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 415670).....	22.90	1.38
21 23 16 00-0153	EA		Compression Type, Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 423250).....	23.53	1.77
21 23 16 00-0154	EA		Tee Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550166).....	72.87	6.81
21 23 16 00-0155	EA		Removal And Replacement Of Screw For Corner Pulley, Kitchen Fire Suppression Systems (Pyro-Chem 550272).....	0.91	
21 23 16 00-0156			Switches, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0157	EA		SPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550227).....	79.26	7.40
21 23 16 00-0158	EA		DPDT Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550237).....	158.75	14.71
21 23 16 00-0159	EA		Four Pole Double Throw Switch, Kitchen Fire Suppression Systems (Pyro-Chem 550978).....	335.97	31.19
21 23 16 00-0160			Wire Rope/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0161	LF		1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 15821).....	1.60	0.29
21 23 16 00-0162	EA		Crimps For 1/16" Diameter Stainless Steel Wire Rope, Kitchen Fire Suppression Systems (Pyro-Chem 550122).....	0.91	0.29
21 23 16 00-0163	EA		High Temperature Stainless Steel Crimps, Kitchen Fire Suppression Systems (Pyro-Chem 551551).....	3.95	0.39
21 23 16 00-0164	EA		"S" Hooks, Kitchen Fire Suppression Systems (Pyro-Chem 550121).....	0.65	
21 23 16 00-0165			Replacement Parts, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0166	EA		Wet Valve Rebuilding Kit, Kitchen Fire Suppression Systems (Pyro-Chem 550698).....	75.28	7.11
21 23 16 00-0167	EA		Wet Valve Cap With Schrader Valve, Kitchen Fire Suppression Systems (Pyro-Chem 550831).....	78.60	7.40
21 23 16 00-0168	EA		Wet Spring, Kitchen Fire Suppression Systems (Pyro-Chem 550705).....	9.21	0.89

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 23 16 00-0169 EA 225 psi, Wet Gauge, Kitchen Fire Suppression Systems (Pyro-Chem 551236).....	108.21	9.68
21 23 16 00-0170 EA Wet Valve O-ring, Kitchen Fire Suppression Systems (Pyro-Chem 550716).....	15.14	1.38
21 23 16 00-0171 EA Wet Piston, Kitchen Fire Suppression Systems (Pyro-Chem 550707).....	21.08	1.98
21 23 16 00-0172 EA Wet Piston O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 550715).....	9.21	0.89
21 23 16 00-0173 EA Wet Nozzle Cap, Kitchen Fire Suppression Systems (Pyro-Chem 551528).....	12.97	1.19
21 23 16 00-0174 EA Wet Nozzle Strainer, Kitchen Fire Suppression Systems (Pyro-Chem 551529).....	12.68	1.19
21 23 16 00-0175 EA Wet Nozzle Cap O-Ring, Kitchen Fire Suppression Systems (Pyro-Chem 551530).....	3.63	0.29
21 23 16 00-0176 EA Removal And Replacement Of Teflon Washer For Control Head Actuator, Kitchen Fire Suppression Systems (Pyro-Chem 550257).....	6.14	
21 23 16 00-0177 EA O-Ring Lubrication, Kitchen Fire Suppression Systems (Pyro-Chem 550063).....	117.41	
21 23 16 00-0178 EA 3.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 551024).....	802.48	
21 23 16 00-0179 EA 4.6 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550902).....	1,040.47	
21 23 16 00-0180 EA 6.0 Gallon Empty Test Tank, Kitchen Fire Suppression Systems (Pyro-Chem 550901).....	1,201.04	
21 23 16 00-0181 Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0182 EA 3/8" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550857).....	36.88	3.36
21 23 16 00-0189 EA 1/2" Quickseal Adapter, Kitchen Fire Suppression Systems (Pyro-Chem 550859).....	38.20	3.55
21 23 16 00-0184 EA Wet Valve Tool, Kitchen Fire Suppression Systems (Pyro-Chem 550788).....	73.57	6.81
21 23 16 00-0185 EA Recharge Adapter Kit, Kitchen Fire Suppression Systems (Pyro-Chem 551240).....	104.10	
21 23 16 00-0186 EA 3.0 Gallon Of Wet Chemical For Recharge, Kitchen Fire Suppression Systems (Pyro-Chem 551188).....	223.77	
21 23 16 00-0187 Pull Stations/Accessories, Kitchen Fire Suppression Systems (21 23 16 00-0100)		
21 23 16 00-0188 EA Mechanical, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551074).....	148.60	13.92
21 23 16 00-0189 EA Electric, Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 551166).....	157.68	19.54
21 23 16 00-0190 EA Trim Ring For Flush Mounting Remote Pull Station, Kitchen Fire Suppression Systems (Pyro-Chem 550088).....	39.75	3.65
21 23 16 00-0191 EA Glass Rods For Pull Stations, Kitchen Fire Suppression Systems (Pyro-Chem 428661).....	5.13	1.28
21 23 16 00-0192 Asco Gas Valve Control Panels (21 23 16)		
21 23 16 00-0193 EA Relay Control Panel For AC Solenoid Valves (Asco 108D90C).....	2,437.24	217.14
21 23 16 00-0194 EA Relay Control Panel For DC Solenoid Valves (Asco 108D10C).....	2,520.40	217.14
21 23 16 00-0195 EA Master Control Station For Relay Control Panel For DC Solenoid Valves (Asco 216C89).....	826.09	49.35
21 23 16 00-0196 EA Emergency Stop Station For Relay Control Panel (Asco 173A19).....	771.76	49.35
21 24 Dry-Chemical Fire-Extinguishing Systems (21 20)		
21 24 16 Dry-Chemical Fire-Extinguishing Equipment (21 24)		
21 24 16 00-0001 Amerex KP Restaurant Fire Suppression Systems (21 24 16)		
Note: Amerex or equal.		
21 24 16 00-0002 EA 3.75 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	562.11	76.59
21 24 16 00-0003 EA 6 Gallon, Charged, Agent Cylinder Assembly With Discharge Valve.....	783.68	96.56
21 24 16 00-0004 EA Recharge - KP Liquid Agent (3.75 Gallon).....	186.13	
21 24 16 00-0005 EA Recharge - KP Liquid Agent (6 Gallon).....	327.18	
21 24 16 00-0006 EA 3.75 Gallon, Bracket Assembly Agent Cylinder With Distribution Hose Assembly And Distribution Outlet.....	130.28	16.08
21 24 16 00-0007 EA 6 Gallon, Bracket Assembly Agent Cylinder.....	75.90	9.33
21 24 16 00-0008 EA 6 Gallon, 3/4 NPT, Agent Cylinder Discharge Adapter Kit.....	32.92	
21 24 16 00-0009 EA 6 Gallon, Pneumatic Actuator, Agent Cylinder.....	130.28	16.08
21 24 16 00-0010 EA MRM Actuator (Less N2 Cylinder And Enclosure).....	327.18	40.30
21 24 16 00-0011 EA Painted Steel, MRM Enclosure.....	174.37	21.44
21 24 16 00-0012 EA Stainless Steel, MRM Enclosure.....	212.76	21.44
21 24 16 00-0013 EA Stainless Steel, Single Cylinder System Cabinet.....	519.19	63.98
21 24 16 00-0014 EA N2 - 1/4" x 16" Actuation Hose.....	39.18	4.83
21 24 16 00-0015 EA 10 CU. Inch, Nitrogen Cylinder.....	174.37	21.44
Note: Use For 1-10 Agent Cylinders		
21 24 16 00-0016 EA Vent Check.....	31.35	3.86
21 24 16 00-0017 EA Detector.....	23.51	2.89
Note: Includes bracket, linkage and conduit fittings.		
21 24 16 00-0018 EA 280 To 450 Degree F, Fusible Link.....	8.82	1.07
21 24 16 00-0019 EA Test Link.....	2.84	
21 24 16 00-0020 EA Corner Pulley.....	12.14	1.50
21 24 16 00-0021 EA 1/16", 500 Foot Spool, Cable.....	195.91	24.12
21 24 16 00-0022 EA Pulley Tee.....	88.16	10.82
21 24 16 00-0023 EA Manual Pull Station (Standard).....	78.36	9.64
21 24 16 00-0024 EA Manual Pull Station, Adapter Kit (Recess Standard Pull Station).....	36.76	4.50
21 24 16 00-0025 EA Manual Pull Station (Oversized).....	87.38	10.72
21 24 16 00-0026 EA Conduit Offset.....	17.43	2.15
21 24 16 00-0027 EA 3/8" Pipe Thread, Seal (Quick-Seal).....	24.02	3.00
21 24 16 00-0028 EA 1/2" Pipe Thread, Seal (Quick-Seal).....	19.60	2.47
21 24 16 00-0029 EA 3/8" Pipe Compression Seal.....	32.72	4.07
21 24 16 00-0030 EA 1/2" Pipe Compression Seal.....	32.72	4.07
21 24 16 00-0031 EA Cap, Nozzle Blow-Off (Standard).....	9.24	2.79
21 24 16 00-0032 EA Cap, Nozzle Blow-Off (High Temperature).....	21.79	2.79
21 24 16 00-0033 EA 2 Flow Points, Fryer/Griddle Nozzle.....	39.18	4.83
21 24 16 00-0034 EA 1 Flow Point Each, Appliance, Plenum Nozzle.....	39.18	4.83
21 24 16 00-0035 EA Nozzle - Solid Fuel Charbroiler - 1 To 1-1/2 Flow Points Each.....	39.18	4.83
21 24 16 00-0036 EA 1/2 Flow Points Each, Upright Charbroiler Nozzle.....	39.18	4.83
21 24 16 00-0037 EA 2 Flow Points Each, Duct (Only) Nozzle.....	39.18	4.83
21 24 16 00-0038 EA 2 Flow Points Each, Four Burner Range Nozzle.....	56.34	6.96

21 Fire Suppression**21 20 Fire-Extinguishing Systems****21 24 Dry-Chemical Fire-Extinguishing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0039	EA		3/4" Or 1" Mechanical Gas Valve.....	312.25	28.40
21 24 16 00-0040	EA		1-1/4" Or 1-1/2" Mechanical Gas Valve	367.51	41.26
21 24 16 00-0041	EA		2" Mechanical Gas Valve	457.82	48.76
21 24 16 00-0042	EA		Manual Reset Relay (Required With Every Electric Gas Valve)	493.70	60.77
21 24 16 00-0043	EA		SPDT Microswitch With 18" Leads	25.98	3.21
21 24 16 00-0044	EA		Kit Gas Valve Actuator For Use With ASCO Mechanical Gas Valve	41.93	5.15
21 24 16 00-0045	EA		Gas Valve Trip Assembly.....	88.16	10.82
21 24 16 00-0046 Range Guard Fire Suppression Systems (21 24 16)					
Note: Range Guard or equal.					
21 24 16 00-0047	EA		1-1/4 Gallon Charged Cylinder With Valve	596.74	82.80
21 24 16 00-0048	EA		2-1/2 Gallon Charged Cylinder With Valve	744.89	103.34
21 24 16 00-0049	EA		4 Gallon Charged Cylinder With Valve.....	919.61	127.62
21 24 16 00-0050	EA		6 Gallon Charged Cylinder With Valve.....	1,092.29	151.50
21 24 16 00-0051	EA		Vent Plug	25.07	3.46
21 24 16 00-0052	EA		Discharge Adapter Kit	32.29	
21 24 16 00-0053	EA		1-1/4 Gallon Wall Bracket	66.42	9.18
21 24 16 00-0054	EA		2-1/2 Gallon Wall Bracket	70.30	9.77
21 24 16 00-0055	EA		4 Gallon Wall Bracket	132.76	18.46
21 24 16 00-0056	EA		6 Gallon Wall Bracket	147.14	20.43
21 24 16 00-0057	EA		Mechanical Control Head, No Microswitch	519.08	72.05
21 24 16 00-0058	EA		Mechanical Control Head, 1 Microswitch	541.55	75.11
21 24 16 00-0059	EA		Mechanical Control Head, 2 Microswitches	621.25	86.16
21 24 16 00-0060	EA		Tandem Control Head.....	472.07	65.54
21 24 16 00-0061	EA		Electric Control Head, 120 Volt AC / 24 Volt DC.....	799.04	110.84
21 24 16 00-0062	EA		Mechanical Control Box.....	355.58	49.35
21 24 16 00-0063	EA		Tandem Control Box.....	355.58	49.35
21 24 16 00-0064	EA		Mechanical Control Box Adapter	104.23	14.50
21 24 16 00-0065	EA		A+ Control head With 1 Pressure Operated Actuator	313.21	43.42
21 24 16 00-0066	EA		Pressure Operated Actuator	128.75	17.86
21 24 16 00-0067	EA		BMCS-1 Nitrogen Cylinder.....	208.45	28.92
21 24 16 00-0068	EA		BMCS-1 Actuator Assembly	212.54	29.51
21 24 16 00-0069	EA		BMCS-1 Mounting Bracket	52.10	7.21
21 24 16 00-0070	EA		BMCS-7 Nitrogen Cylinder.....	601.46	83.40
21 24 16 00-0071	EA		BMCS-7 Mounting Bracket	128.75	17.86
21 24 16 00-0072	EA		BMCS-7 Discharge Adapter Kit	128.75	17.86
21 24 16 00-0073	EA		Check Valve.....	108.05	21.22
21 24 16 00-0074	EA		Vent Check For Use With BMCS Systems	58.24	8.09
21 24 16 00-0075	EA		Check Valve, (Schrader Flare Fitting) For Pressure Operated Actuator	25.35	3.52
21 24 16 00-0076	EA		Removal And Replacement Of Receiver Gasket For BMCS-Actuator Assembly	6.67	
21 24 16 00-0077	EA		Pneumatic Control Head For Slave Cylinders.....	132.83	18.46
21 24 16 00-0078	EA		Nozzles; ADP, F, R And GRW	60.89	8.49
21 24 16 00-0079	EA		Nozzles; DM And LPF.....	67.84	9.37
21 24 16 00-0080	EA		Swivel Adapter.....	42.91	5.93
21 24 16 00-0081	EA		Corner Pulley	18.39	2.57
21 24 16 00-0082	LF		1/16" Stainless Steel Cable.....	0.81	0.29
21 24 16 00-0083	EA		Cable Crimp Sleeve.....	0.98	0.29
21 24 16 00-0084	EA		"S" Hook	0.77	0.20
21 24 16 00-0085	EA		Electrical Metallic Tubing (EMT) Adapter, 1/2" Electrical Metallic Tubing (EMT) x 3/8" NPT	63.32	8.78
21 24 16 00-0086	EA		Cable Clamp	5.64	0.79
21 24 16 00-0087	EA		Nico Sleeves - 1/16" Cable	0.78	0.20
21 24 16 00-0088	EA		3/8" Cable Anchor.....	66.93	9.27
21 24 16 00-0089	EA		1/2" Cable Anchor.....	66.93	9.27
21 24 16 00-0090	EA		Mechanical Remote Manual Release (Pull Cable).....	108.26	15.00
21 24 16 00-0091	EA		Tee Pulley, Use For Mechanical Pull And Gas Valve	115.53	15.99
21 24 16 00-0092	EA		Surface Remote Manual Release, End-of-line.....	135.34	18.75
21 24 16 00-0093	EA		Surface Remote Manual Release, In line Conservation Kit	42.41	5.93
21 24 16 00-0094	EA		Surface Remote Manual Release, In line And End Of Line	177.70	24.57
21 24 16 00-0095	EA		Recessed Remote Manual Release, End-of-line	135.34	18.75
21 24 16 00-0096	EA		Recessed Remote Manual Release, In Line Kit	161.35	22.41
21 24 16 00-0097	EA		Pulley Tee, Remote In Line Only	29.00	4.04
21 24 16 00-0098	EA		Fusible Link Housing Kit With 1 - Bracket, 2 - 1/2" Electrical Metallic Tubing (EMT) Connector, 1 - "S" Hook, 8 - Cable Crimp Sleeve.....	32.20	4.45
21 24 16 00-0099	EA		Fusible Link 165F To 360F	10.54	1.48
21 24 16 00-0100	EA		Fusible Link 500F	16.67	1.48
21 24 16 00-0101	EA		Standard Detector With 1 - 360F link, 2 - "S" Hooks, 2 - Crimp Sleeves	32.20	4.45
21 24 16 00-0102	EA		Standard Detector Kit With 1 - Large Bracket, 2 - "S" Hooks, 2 - Cable Crimp Sleeve	23.71	4.45
21 24 16 00-0103	EA		Quartzoid Link 400 F.....	173.61	24.08
21 24 16 00-0104	EA		Quartzoid Link 500 F.....	173.61	24.08
21 24 16 00-0105	EA		SPDT Micro Switch For Use With A Plus Control Box	62.22	8.59
21 24 16 00-0106	EA		DPDT Micro Switch For Use With A Plus Control Box.....	108.26	15.00
21 24 16 00-0107	EA		SPDT Micro Switch For Use With A Mechanical Control Box.....	64.34	8.88
21 24 16 00-0108	EA		DPDT Micro Switch For Use With A Mechanical Control Box.....	111.50	15.49
21 24 16 00-0109	EA		SPDT Micro Switch For Use With PRCB	81.70	11.35
21 24 16 00-0110	EA		DPDT Micro Switch For Use With PRCB	117.86	16.29
21 24 16 00-0111	EA		Pressure Switch, SPDT (Fire Dept. Tie In)	345.19	47.87
21 24 16 00-0112	EA		Circuit Monitor 12 Or 24 Volt DC	155.23	21.52
21 24 16 00-0113	EA		Circuit Monitor 120 Volt AC.....	155.23	21.52
21 24 16 00-0114	EA		Electric Manual Pull Station	113.36	15.69
21 24 16 00-0115	EA		6", 24 Volt DC, Motor Bell.....	63.31	8.78
21 24 16 00-0116	EA		10", 115 Volt AC Motor Bell	89.87	12.44
21 24 16 00-0117	EA		Fuse, 1.2 For ECH.....	7.28	0.99

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 24 16 00-0118 EA Indicator Lamp 12 Or 24 Volt DC.....	32.20	4.45
21 24 16 00-0119 EA Indicator Lamp 120 Volt AC.....	32.20	4.45
21 24 16 00-0120 EA B-10 Manual Station Dual Action, SPDT	118.46	16.38
21 24 16 00-0121 EA B-11 Manual Station Dual Action, DPDT	130.72	18.16
21 24 16 00-0122 EA Break Rods For B10/B11 Manual Pull Station	3.46	1.28
21 24 16 00-0123 EA Spare Key For B10/B11 Manual Stations	16.34	2.27
21 24 16 00-0124 EA MT-24-LSM-VAR Multitone Signal With 15/75cd Strobe, 24 Volt, Flush Grill	175.65	24.38
21 24 16 00-0125 EA Suppression Abort Station	185.87	25.76
21 24 16 00-0126 EA Suppression Abort Station With Surface Mount Back Box.....	216.50	30.01
21 24 16 00-0127 EA Surface Mount Back Box	71.49	9.87
21 24 16 00-0128 EA Single Hazard Control Unit, 120 Volt AC IP.....	1,327.63	183.87
21 24 16 00-0129 EA Single Hazard Control Unit, 240 Volt AC IP	1,327.63	183.87
21 24 16 00-0130 EA 1 Lead Acid Battery; 24 Volt DC, 1.2 A.H.	110.30	15.30
21 24 16 00-0131 EA Accessory Kit - End-of-line Resistors (10K Ohms, 1/2 W)	4.25	0.70
21 24 16 00-0132 EA Spare Scorpio Circuit Board	959.91	
21 24 16 00-0133 EA Extra Scorpio Key.....	16.34	
21 24 16 00-0134 EA Extra Scorpio Manual	10.21	
21 24 16 00-0135 EA Compression Seal Adapter 3/8" Pipe	27.77	3.85
21 24 16 00-0136 EA Compression Seal Adapter 1/2" Tubing/ 1/4" Pipe	30.16	4.14
21 24 16 00-0137 EA Compression Seal Adapter 5/8" Tubing/ 3/8" Pipe	36.28	5.03
21 24 16 00-0138 EA Compression Seal Adapter 3/4" Tubing/ 1/2" Pipe	38.80	5.33
21 24 16 00-0139 EA Quik Seal Adapter 3/8" NPT Female	30.16	4.14
21 24 16 00-0140 EA Quik Seal Adapter 1/2" NPT Female	30.16	4.14
21 24 16 00-0141 EA Quik Seal Adapter 3/4" NPT Female	51.59	7.21
21 24 16 00-0142 EA Quik Seal Adapter 1" NPT Female	68.42	9.47
21 24 16 00-0143 EA Quik Patch (Up To 1-1/8" Diameter)	30.16	4.14
21 24 16 00-0144 EA 1-1/4 Gallon Karbaloy Charge	67.13	
21 24 16 00-0145 EA 2-1/2 Gallon Karbaloy Charge	115.39	
21 24 16 00-0146 EA 4 Gallon Karbaloy Charge	174.42	
21 24 16 00-0147 EA 6 Gallon Karbaloy Charge	255.22	
21 24 16 00-0148 EA Inlet Flushing Adapter.....	50.04	6.90
21 24 16 00-0149 EA 1/2" Flushing Adapter (Outlet)	50.04	6.90
21 24 16 00-0150 EA 1/8" Flushing Adapter (Outlet)	50.04	6.90
21 24 16 00-0151 EA 1/4" Flushing Adapter (Outlet)	50.04	6.90
21 24 16 00-0152 EA 3/8" Flushing Adapter (Outlet)	50.04	6.90
21 24 16 00-0153 EA Recharge Adapter (Old Style Cylinder Valve Assembly Only).....	69.43	
21 24 16 00-0154 EA Instruction Label (In Case Of Fire) - MCB.....	5.55	
21 24 16 00-0155 EA Caution Sign (Turn On Fan).....	6.66	
21 24 16 00-0156 EA Inspection Label (Authorized installers only)	4.67	
21 24 16 00-0157 EA Label, Warning, A+ Control Box	3.34	
21 24 16 00-0158 EA Wet Chemical System Kits, RG-1.25G Kit; #23315	878.23	121.69
21 24 16 00-0159 EA Wet Chemical System Kits, RG-2.5G Kit; #23316	1,025.29	142.02
21 24 16 00-0160 EA Wet Chemical System Kits, RG-4GS Kit; #23317	1,276.54	176.87
21 24 16 00-0161 EA Wet Chemical System Kits, RG-4GT Kit; #23318	1,276.54	176.87
21 24 16 00-0162 EA Wet Chemical System Kits, RG-6G Kit; #23319	1,605.36	222.37
21 24 16 00-0163 EA Wet Chemical System Kits, RG Mechanical Control HD (MCH) Kit; #23320	760.80	105.41
21 24 16 00-0164 EA Wet Chemical System Kits, RG Mechanical Control Box (MCB) Kit; #23321	714.84	98.99
21 24 16 00-0165 EA Wet Chemical System Kits, A Plus Control Box Kit; #23322	578.00	80.04
21 24 16 00-0166 EA Wet Chemical System Kits, Valve Rebuild Kit; #23210	1,000.77	138.67
21 24 16 00-0167 EA Wet Chemical System Kits, BMCS-1 Package; #23208	917.03	127.02

21 30 Fire Pumps ⁽²¹⁾

21 31 Centrifugal Fire Pumps ^(21 30)

21 31 13 Electric-Drive, Centrifugal Fire Pumps ^(21 31)

21 31 13 00-0001 Electric-Drive Fire Pumps ^(21 31 13)

Note: Includes fire pump, motor, motor starter, alarm panel, automatic transfer switch, and controller.

21 31 13 00-0002 EA 20 HP Electric Fire Pump	58,265.64	1,772.64
For Duplex Pumping System, Add	56,493.01	
21 31 13 00-0003 EA 30 HP Electric Fire Pump	68,100.71	1,994.21
For Duplex Pumping System, Add	66,254.22	
21 31 13 00-0004 EA 40 HP Electric Fire Pump	93,122.11	2,215.79
For Duplex Pumping System, Add	91,070.46	
21 31 13 00-0005 EA 50 HP Electric Fire Pump	114,960.95	2,498.28
For Duplex Pumping System, Add	112,462.68	
21 31 13 00-0006 EA 75 HP Electric Fire Pump	128,375.29	2,725.40
For Duplex Pumping System, Add	125,649.89	

21 31 16 Diesel-Drive, Centrifugal Fire Pumps ^(21 31)

21 31 16 00-0001 Diesel-Drive Fire Pumps ^(21 31 16)

Note: Pumps shall be stand alone units meeting NFPA-20 specs. Includes fire pump, motor, motor starter, alarm panel, and controller.

21 31 16 00-0002 EA 30 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	86,189.13	2,044.05
21 31 16 00-0003 EA 40 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	97,527.80	2,271.17
21 31 16 00-0004 EA 50 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	102,395.23	2,498.28
21 31 16 00-0005 EA 75 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	116,606.35	2,725.40
21 31 16 00-0006 EA 150 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	123,567.91	3,179.63
21 31 16 00-0007 EA 175 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	132,538.34	4,088.10

21	21	Fire Suppression
	21 30	Fire Pumps
	21 31	Centrifugal Fire Pumps



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
21 31 16 00-0008 EA 200 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	143,791.98	4,542.33
21 31 16 00-0009 EA 250 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	164,433.61	5,178.25
21 31 16 00-0010 EA 300 HP Diesel Driven Fire Pump, NFPA-20 Specific.....	197,387.31	5,587.06
21 31 16 00-0011 EA 350 HP Diesel Driven Fire Pump , NFPA-20 Specific.....	231,727.79	6,359.26
21 31 16 00-0012 EA 400 HP Diesel Driven Fire Pump , NFPA-20 Specific.....	275,557.89	6,813.49
21 31 16 00-0013 EA 500 HP Diesel Driven Fire Pump , NFPA-20 Specific.....	310,583.40	7,267.73

21 34 Fire Pump Accessories (21 30)

21 34 13 Pressure Maintenance Pumps (21 34)

21 34 13 00-0001 Jockey Pumps (21 34 13)

Note: Includes pump and controller.

21 34 13 00-0002 EA Up To 3 HP, 1" Pipe Connection, Jockey Pump And Controller	5,894.38	454.24
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END OF SECTION 21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 Plumbing

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise.

22 01 Operation and Maintenance of Plumbing ⁽²²⁾

22 01 10 Operation and Maintenance of Plumbing Piping and Pumps ^(22 01)

See CSI section 23 01 20 00-0000 for purging of pipes and shutdown.

22 01 10 61 Plumbing Piping Repairs ^(22 01 10)

22 01 10 61-0001 Pipe Repair Clamps ^(22 01 10 61)

22 01 10 61-0002	EA	1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	43.19
		Note: Includes neoprene gasket	
22 01 10 61-0003	EA	3/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	44.81
		Note: Includes neoprene gasket	
22 01 10 61-0004	EA	1" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	49.26
		Note: Includes neoprene gasket	
22 01 10 61-0005	EA	1-1/4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	52.47
		Note: Includes neoprene gasket	
22 01 10 61-0006	EA	1-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	56.72
		Note: Includes neoprene gasket	
22 01 10 61-0007	EA	2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	72.20
		Note: Includes neoprene gasket	
22 01 10 61-0008	EA	2-1/2" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	91.19
		Note: Includes neoprene gasket	
22 01 10 61-0009	EA	3" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	105.45
		Note: Includes neoprene gasket	
22 01 10 61-0010	EA	4" Diameter x 3" Stainless Steel Pipe Repair Clamp, Single Bolt	120.73
		Note: Includes neoprene gasket	
22 01 10 61-0011	EA	1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	68.65
		Note: Includes neoprene gasket	
22 01 10 61-0012	EA	3/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	72.21
		Note: Includes neoprene gasket	
22 01 10 61-0013	EA	1" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	79.92
		Note: Includes neoprene gasket	
22 01 10 61-0014	EA	1-1/4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	87.82
		Note: Includes neoprene gasket	
22 01 10 61-0015	EA	1-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	96.71
		Note: Includes neoprene gasket	
22 01 10 61-0016	EA	2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	124.82
		Note: Includes neoprene gasket	
22 01 10 61-0017	EA	2-1/2" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	150.34
		Note: Includes neoprene gasket	
22 01 10 61-0018	EA	3" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	170.45
		Note: Includes neoprene gasket	
22 01 10 61-0019	EA	4" Diameter x 6" Stainless Steel Pipe Repair Clamp, Double Bolt	193.03
		Note: Includes neoprene gasket	
22 01 10 61-0020	EA	1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	97.98
		Note: Includes Buna rubber gasket	
22 01 10 61-0021	EA	3/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	101.71
		Note: Includes Buna rubber gasket	
22 01 10 61-0022	EA	1" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	112.36
		Note: Includes Buna rubber gasket	
22 01 10 61-0023	EA	1-1/4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	123.23
		Note: Includes Buna rubber gasket	
22 01 10 61-0024	EA	1-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	139.11
		Note: Includes Buna rubber gasket	
22 01 10 61-0025	EA	2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	169.67
		Note: Includes Buna rubber gasket	
22 01 10 61-0026	EA	2-1/2" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	197.65
		Note: Includes Buna rubber gasket	
22 01 10 61-0027	EA	3" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	237.75
		Note: Includes Buna rubber gasket	
22 01 10 61-0028	EA	4" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	293.57
		Note: Includes Buna rubber gasket	
22 01 10 61-0029	EA	5" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	300.71
		Note: Includes Buna rubber gasket	
22 01 10 61-0030	EA	6" Diameter x 9" Stainless Steel Pipe Repair Clamp, Three Bolt	322.46
		Note: Includes Buna rubber gasket	

22 01 40 Operation and Maintenance of Plumbing Fixtures ^(22 01)

22 01 40 81 Plumbing Fixtures Replacement ^(22 01 40)

22 01 40 81-0001 Removal And Replacement Of Fixture And/Or Trim ^(22 01 40 81)

Note: Includes removal of existing item(s) and installation of new item(s).			
22 01 40 81-0002	EA	Removal And Replacement Of 3/8" To 1/2" Compression Shut-off Valve With 15" Polybutylene Supply Tube	56.44
22 01 40 81-0003	EA	Removal And Replacement Of 3/8" Compression x 1/2" FIP, Braided Stainless Steel, Supply Lines To Sink/Lavatory	22.05
22 01 40 81-0004	EA	Removal And Replacement Of Chrome Supply Lines To Sink/Lavatory, Pair	27.67
22 01 40 81-0005	EA	Removal And Replacement Of Single Bowl Sink/Lavatory Drain Line	38.38
22 01 40 81-0006	EA	Removal And Replacement Of Double Bowl Sink/Lavatory Drain Line	59.83

22 Plumbing**22 01 Operation and Maintenance of Plumbing****22 01 40 Operation and Maintenance of Plumbing Fixtures**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 01 40 81-0007	EA	Removal And Replacement Of Shower Head, Polished Chrome	40.43	
22 01 40 81-0008	EA	Removal And Replacement Of Shower Arm	37.95	
22 01 40 81-0009	EA	Removal And Replacement Of Shower Head	44.82	
22 01 40 81-0010	EA	Removal And Replacement Of Shower Knob	35.27	
22 01 40 81-0011	EA	Removal And Replacement Of Shower and Tub Control Trim	111.44	
		Note: Excludes balancing valve.		
22 01 40 81-0012	EA	Removal And Replacement Of Sink Basket Strainer	31.58	
22 01 40 81-0013	EA	Removal And Replacement Of 1-1/2" Sink Drain Without Stopper	16.53	
22 01 40 81-0014	EA	Removal And Replacement Of 4-1/2" Sink Drain Without Stopper	17.41	
22 01 40 81-0015	EA	Removal And Replacement Of 1-1/2" Sink Drain With Stopper	16.53	
22 01 40 81-0016	EA	Removal And Replacement Of 1" Sink Rubber Stopper	8.86	
22 01 40 81-0017	EA	Removal And Replacement Of Sink Tailpiece Extension, 1-1/2" x 8"	25.12	
22 01 40 81-0018	EA	Removal And Replacement Of Sink Trap, Adjustable, 1-1/2"	42.97	
22 01 40 81-0019	EA	Removal And Replacement Of Lavatory Pop-Up Rod	28.90	
22 01 40 81-0020	EA	Removal And Replacement Of Lavatory Pop-up Drain Stopper	30.89	
22 01 40 81-0021	EA	Removal And Replacement Of Faucet Handle	35.28	
22 01 40 81-0022	EA	Removal And Replacement Of Faucet O-Ring	25.59	
22 01 40 81-0023	EA	Removal And Replacement Of 1-1/2" Faucet Hole Cover	19.60	
22 01 40 81-0024	EA	Removal And Replacement Of Toilet Ballcock	36.59	
22 01 40 81-0025	EA	Removal And Replacement Of Toilet Bowl Ring, Flat Wax	6.96	
		Note: Excludes removal of toilet.		
22 01 40 81-0026	EA	Removal And Replacement Of Toilet Tank	148.07	
22 01 40 81-0027	EA	Removal And Replacement Of 10" Toilet Bowl	182.41	
22 01 40 81-0028	EA	Removal And Replacement Of 10", Low-Flush Watersaver, Toilet Bowl	197.35	
22 01 40 81-0029	EA	Removal And Replacement Of 12" Toilet Bowl	211.77	
22 01 40 81-0030	EA	Removal And Replacement Of 18", Elongated, Toilet Bowl	187.43	
22 01 40 81-0031	EA	Removal And Replacement Of Toilet Closet Bolt, 5/16" x 3" With Nuts And Washers	22.04	
22 01 40 81-0032	EA	Removal And Replacement Of Toilet Flapper With Chain	16.99	
22 01 40 81-0033	EA	Removal And Replacement Of Toilet Flush Tank Lever	18.08	
22 01 40 81-0034	EA	Removal And Replacement Of Toilet Tank Arm Lever	11.60	
22 01 40 81-0035	EA	Removal And Replacement Of Elongated Toilet Seat With Lid	100.29	
22 01 40 81-0036	EA	Removal And Replacement Of Elongated Toilet Seat Without Lid	94.77	
22 01 40 81-0037	EA	Removal And Replacement Of Handicap Toilet Seat, Complete With Rails	147.23	
22 01 40 81-0038	EA	Removal And Replacement Of Diverter Tub Spout	55.49	
22 01 40 81-0039	EA	Removal And Replacement Of Tub Spout	39.15	
22 01 40 81-0040	EA	Removal And Replacement Of 2" Tub Stopper	10.17	
22 01 40 81-0041	EA	Removal And Replacement Of Tub Waste/Overflow	71.31	
22 01 40 81-0042	EA	Removal And Replacement Of Tub Stem Bonnet Assembly	35.72	
22 01 40 81-0043	EA	Removal And Replacement Of Faucet Bonnet	39.79	
22 01 40 81-0044	EA	Removal And Replacement Of Faucet Diverter Stem	24.82	
22 01 40 81-0045	EA	Removal And Replacement Of Faucet Diverter Stem And Bonnet	33.13	
22 01 40 81-0046	EA	Removal And Replacement Of Faucet Spout	38.05	
22 01 40 81-0047	EA	Removal And Replacement Of Faucet Stem	27.78	
22 01 40 81-0048	EA	Removal And Replacement Of Plastic, Chrome Plated Drinking Fountain Bubbler Valve With Flexible Bubbler Guard	195.37	
22 01 40 81-0049	EA	Removal And Replacement Of Brass, Chrome Plated Drinking Fountain Bubbler Valve	245.42	
22 01 40 81-0050	EA	Removal And Replacement Of Stainless Steel (Lead Free) Drinking Fountain Pushbutton Bubbler Valve	149.36	

22 05 Common Work Results for Plumbing ⁽²²⁾**22 05 13 Common Motor Requirements for Plumbing Equipment** ^(22 05)

Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. See CSI section 23 05 13 00-0000 for motor requirements.

22 05 16 Expansion Fittings and Loops for Plumbing Piping ^(22 05)

See CSI section 23 05 16 00-0000 for expansion fittings and loops.

22 05 17 Sleeves and Sleeve Seals for Plumbing Piping ^(22 05)

See CSI section 23 05 17 00-0000 for sleeves and sleeve seals.

22 05 19 Meters and Gages for Plumbing Piping ^(22 05)

See CSI section 23 05 19 00-0000 for gages, 33 19 00 00-0000 for water utility service metering.

22 05 23 General-Duty Valves for Plumbing Piping ^(22 05)

See CSI section 23 05 23 00-0000 for additional valves.

22 05 23 00-0001 Gate Valves ^(22 05 23)**22 05 23 00-0002 Class 125 Brazed Or Soldered Bronze Gate Valves** ^(22 05 23 00-0001)

Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve 105)

22 05 23 00-0003	EA	1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	84.40	10.72
		For 150 LB Rating, Add	5.32	
		For 200 LB Rating, Add	7.98	
		For Work In Restricted Working Space, Add	9.36	
22 05 23 00-0004	EA	3/8" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	86.04	10.72
		For 150 LB Rating, Add	5.32	
		For 200 LB Rating, Add	7.98	
		For Work In Restricted Working Space, Add	9.86	
22 05 23 00-0005	EA	1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	88.08	10.72
		For 150 LB Rating, Add	5.35	
		For 200 LB Rating, Add	8.03	
		For Work In Restricted Working Space, Add	10.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0006 EA 3/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	104.09	11.79
<i>For 150 LB Rating, Add</i>	5.75	
<i>For 200 LB Rating, Add</i>	8.63	
<i>For Work In Restricted Working Space, Add</i>	13.98	
22 05 23 00-0007 EA 1" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	126.84	13.40
<i>For 150 LB Rating, Add</i>	7.04	
<i>For 200 LB Rating, Add</i>	10.56	
<i>For Work In Restricted Working Space, Add</i>	16.92	
22 05 23 00-0008 EA 1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	186.45	14.26
<i>For 150 LB Rating, Add</i>	11.50	
<i>For 200 LB Rating, Add</i>	17.25	
<i>For Work In Restricted Working Space, Add</i>	21.44	
22 05 23 00-0009 EA 1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	207.43	16.50
<i>For 150 LB Rating, Add</i>	12.50	
<i>For 200 LB Rating, Add</i>	18.75	
<i>For Work In Restricted Working Space, Add</i>	24.73	
22 05 23 00-0010 EA 2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	248.86	19.50
<i>For 150 LB Rating, Add</i>	15.14	
<i>For 200 LB Rating, Add</i>	22.71	
<i>For Work In Restricted Working Space, Add</i>	29.23	
22 05 23 00-0011 EA 2-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	570.84	26.35
<i>For 150 LB Rating, Add</i>	43.92	
<i>For 200 LB Rating, Add</i>	65.89	
<i>For Work In Restricted Working Space, Add</i>	39.48	
<i>For Chain Operated Type, Add</i>	197.66	
22 05 23 00-0012 EA 3" Diameter, 125 LB Brazed Or Soldered Bronze Gate Valve	670.15	30.59
<i>For 150 LB Rating, Add</i>	51.83	
<i>For 200 LB Rating, Add</i>	77.75	
<i>For Work In Restricted Working Space, Add</i>	45.55	
22 05 23 00-0013 Class 125 Brazed Or Soldered Bronze Lead Free Gate Valves <small>(22 05 23 00-0001)</small>		
Note: 125 psi steam, basic rating. 200 psi cold working pressure. (Milwaukee Valve UP105, Nibco T113-LF)		
22 05 23 00-0014 EA 1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	102.12	10.72
<i>For 150 LB Rating, Add</i>	7.09	
<i>For 200 LB Rating, Add</i>	10.64	
<i>For Work In Restricted Working Space, Add</i>	9.36	
22 05 23 00-0015 EA 3/8" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	103.61	10.72
<i>For 150 LB Rating, Add</i>	7.08	
<i>For 200 LB Rating, Add</i>	10.61	
<i>For Work In Restricted Working Space, Add</i>	9.86	
22 05 23 00-0016 EA 1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	120.83	10.72
<i>For 150 LB Rating, Add</i>	8.63	
<i>For 200 LB Rating, Add</i>	12.94	
<i>For Work In Restricted Working Space, Add</i>	10.37	
22 05 23 00-0017 EA 3/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	136.84	11.79
<i>For 150 LB Rating, Add</i>	9.03	
<i>For 200 LB Rating, Add</i>	13.54	
<i>For Work In Restricted Working Space, Add</i>	13.98	
22 05 23 00-0018 EA 1" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	164.21	13.40
<i>For 150 LB Rating, Add</i>	10.78	
<i>For 200 LB Rating, Add</i>	16.17	
<i>For Work In Restricted Working Space, Add</i>	16.92	
22 05 23 00-0019 EA 1-1/4" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	237.56	14.26
<i>For 150 LB Rating, Add</i>	16.61	
<i>For 200 LB Rating, Add</i>	24.92	
<i>For Work In Restricted Working Space, Add</i>	21.44	
22 05 23 00-0020 EA 1-1/2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	271.72	16.50
<i>For 150 LB Rating, Add</i>	18.93	
<i>For 200 LB Rating, Add</i>	28.39	
<i>For Work In Restricted Working Space, Add</i>	24.73	
22 05 23 00-0021 EA 2" Diameter, 125 LB Brazed Or Soldered Bronze Lead Free Gate Valve	348.19	19.50
<i>For 150 LB Rating, Add</i>	25.08	
<i>For 200 LB Rating, Add</i>	37.61	
<i>For Work In Restricted Working Space, Add</i>	29.23	
22 05 23 00-0022 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valves <small>(22 05 23 00-0001)</small>		
Note: 200 psi cold working pressure.		
22 05 23 00-0023 EA 1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	125.78	10.72
<i>For Work In Restricted Working Space, Add</i>	7.24	
22 05 23 00-0024 EA 3/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	141.60	11.79
<i>For Work In Restricted Working Space, Add</i>	8.24	
22 05 23 00-0025 EA 1" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	186.54	13.40
<i>For Work In Restricted Working Space, Add</i>	9.85	
22 05 23 00-0026 EA 1-1/4" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	255.48	14.26
<i>For Work In Restricted Working Space, Add</i>	10.85	
22 05 23 00-0027 EA 1-1/2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	296.40	16.50
<i>For Work In Restricted Working Space, Add</i>	12.06	
22 05 23 00-0028 EA 2" Diameter, 200 PSI, Non-Rising Stem, Crimped Bronze Gate Valve	408.92	19.50
<i>For Work In Restricted Working Space, Add</i>	14.47	
22 05 23 00-0029 Ball Valves <small>(22 05 23)</small>		
22 05 23 00-0030 Crimped Bronze, Ball Valves <small>(22 05 23 00-0029)</small>		

22 Plumbing**22 05 Common Work Results for Plumbing****22 05 23 General-Duty Valves for Plumbing Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0031			Crimped Bronze, 250 PSI, Ball Valves (22 05 23 00-0030) Note: Nibco®		
22 05 23 00-0032	EA		1/2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	85.52 7.24	10.72
22 05 23 00-0033	EA		3/4" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	111.13 8.24	11.79
22 05 23 00-0034	EA		1" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	142.95 9.85	13.40
22 05 23 00-0035	EA		1-1/4" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	233.15 10.85	14.26
22 05 23 00-0036	EA		1-1/2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	309.15 12.06	16.50
22 05 23 00-0037	EA		2" Crimped Bronze, 250 PSI, Ball Valve <i>For Work In Restricted Working Space, Add</i>	467.55 14.47	19.50
22 05 23 00-0038			Crimped Bronze, 200 PSI, Full Port Ball Valves (22 05 23 00-0030)		
22 05 23 00-0039	EA		1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	50.60 7.24	10.72
22 05 23 00-0040	EA		3/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	64.68 8.24	11.79
22 05 23 00-0041	EA		1" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	78.64 9.85	13.40
22 05 23 00-0042	EA		1-1/4" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	110.63 10.85	14.26
22 05 23 00-0043	EA		1-1/2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	143.27 12.06	16.50
22 05 23 00-0044	EA		2" Crimped Bronze, 200 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	212.89 14.47	19.50
22 05 23 00-0045			Crimped Bronze, 250 PSI, Full Port Ball Valves (22 05 23 00-0030)		
22 05 23 00-0046	EA		1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	58.48 7.24	10.72
22 05 23 00-0047	EA		3/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	70.41 8.24	11.79
22 05 23 00-0048	EA		1" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	87.80 9.85	13.40
22 05 23 00-0049	EA		1-1/4" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	139.25 10.85	14.26
22 05 23 00-0050	EA		1-1/2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	204.85 12.06	16.50
22 05 23 00-0051	EA		2" Crimped Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	284.47 14.47	19.50
22 05 23 00-0052			Crimped x Threaded Bronze, 250 PSI, Full Port Ball Valves (22 05 23 00-0030)		
22 05 23 00-0053	EA		1/2" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	56.33 7.24	10.72
22 05 23 00-0054	EA		3/4" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	68.41 8.24	11.79
22 05 23 00-0055	EA		1" Crimped x Threaded Bronze, 250 PSI, Full Port, Lever Ball Valve <i>For Work In Restricted Working Space, Add</i>	83.22 9.85	13.40
22 05 23 00-0056			Check Valves (22 05 23)		
22 05 23 00-0057			Crimped Bronze, 200 PSI, Y-Pattern, Swing Check Valves (22 05 23 00-0056) Note: Nibco®		
22 05 23 00-0058	EA		1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	166.01 7.24	10.72
22 05 23 00-0059	EA		3/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	211.72 8.24	11.79
22 05 23 00-0060	EA		1" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	293.31 9.85	13.40
22 05 23 00-0061	EA		1-1/4" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	391.96 10.85	14.26
22 05 23 00-0062	EA		1-1/2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	467.99 12.06	16.50
22 05 23 00-0063	EA		2" Crimped Bronze, 200 PSI, Y-Pattern Check Valve <i>For Work In Restricted Working Space, Add</i>	670.87 14.47	19.50
22 05 23 00-0064			Crimped Bronze, 250 PSI, In-Line, Check Valves (22 05 23 00-0056)		
22 05 23 00-0065	EA		1/2" Crimped Bronze, 250 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	44.56 7.24	10.72
22 05 23 00-0066	EA		3/4" Crimped Bronze, 250 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	53.62 8.24	11.79
22 05 23 00-0067	EA		1" Crimped Bronze, 250 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	62.97 9.85	13.40
22 05 23 00-0068	EA		1-1/4" Crimped Bronze, 250 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	79.77 10.85	14.26
22 05 23 00-0069	EA		1-1/2" Crimped Bronze, 250 PSI, In-Line Check Valve <i>For Work In Restricted Working Space, Add</i>	102.08 12.06	16.50

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 23 00-0070 EA 2" Crimped Bronze, 200 PSI, In-Line Check Valve..... <i>For Work In Restricted Working Space, Add</i>	160.87 14.47	19.50
22 05 23 00-0071 Butterfly Valves <small>(22 05 23)</small>		
22 05 23 00-0072 Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve <small>(22 05 23 00-0071)</small>		
22 05 23 00-0073 EA 2-1/2" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve..... <i>For Work In Restricted Working Space, Add</i>	1,255.22 16.88	28.61
22 05 23 00-0074 EA 3" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve..... <i>For Work In Restricted Working Space, Add</i>	1,358.18 20.10	33.23
22 05 23 00-0075 EA 4" Crimped Ductile Iron, 200 PSI, Handle Butterfly Valve..... <i>For Work In Restricted Working Space, Add</i>	1,697.26 26.52	37.51
22 05 29 Hangers and Supports for Plumbing Piping and Equipment <small>(22 05)</small>		
<i>See CSI section 23 05 29 00-0000 for hangers and supports.</i>		
22 05 33 Heat Tracing for Plumbing Piping <small>(22 05)</small>		
<i>See CSI section 23 83 13 00-0000 for heat tracing cables.</i>		
22 05 48 Vibration and Seismic Controls for Plumbing Piping and Equipment <small>(22 05)</small>		
22 05 48 13 Vibration Controls for Plumbing Piping and Equipment <small>(22 05 48)</small>		
<i>See CSI section 23 05 48 13-0000 for vibration and seismic control.</i>		
22 05 53 Identification for Plumbing Piping and Equipment <small>(22 05)</small>		
<i>See CSI section 23 05 53 00-0000 for identification.</i>		
22 05 76 Facility Drainage Piping Cleanouts <small>(22 05)</small>		
22 05 76 00-0001 Cast Iron Cleanout With Plug And Cover <small>(22 05 76)</small>		
<i>Note: For floor installation.</i>		
22 05 76 00-0002 Cast Iron Cleanout With Plug And Round Or Square Cover <small>(22 05 76 00-0001)</small>		
22 05 76 00-0003 EA 2" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Carpet Flange, Add</i> <i>For Carpet Marker, Add</i> <i>For Wide Flange, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i>	665.59 58.50 16.00 97.00 -24.00 19.50 45.00	57.01
22 05 76 00-0004 EA 3" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Carpet Flange, Add</i> <i>For Carpet Marker, Add</i> <i>For Wide Flange, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i>	717.40 58.50 16.00 97.00 -24.00 19.50 45.00	71.49
22 05 76 00-0005 EA 4" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Carpet Flange, Add</i> <i>For Carpet Marker, Add</i> <i>For Wide Flange, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i>	896.30 58.50 16.00 97.00 -24.00 19.50 45.00	86.38
22 05 76 00-0006 EA 5" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Carpet Flange, Add</i> <i>For Carpet Marker, Add</i> <i>For Wide Flange, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i>	1,291.51 58.50 16.00 97.00 -24.00 19.50 45.00	96.66
22 05 76 00-0007 EA 6" Floor Cleanout, Round Or Square Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Carpet Flange, Add</i> <i>For Carpet Marker, Add</i> <i>For Wide Flange, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i>	1,592.41 58.50 16.00 97.00 -24.00 19.50 45.00	104.70
22 05 76 00-0008 Cast Iron Heavy Duty Cleanout With Plug And Round Cover <small>(22 05 76 00-0001)</small>		
22 05 76 00-0009 EA 2" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover..... <i>For Carpet Flange, Add</i> <i>For Carpet Marker, Add</i> <i>For Wide Flange, Add</i> <i>For Satin Bronze Top, Deduct</i> <i>For Vandal Proof, Add</i> <i>For Galvanized Ferrule, Add</i>	768.71 58.50 16.00 97.00 -24.00 19.50 45.00	57.01

22 Plumbing**22 05 Common Work Results for Plumbing****22 05 76 Facility Drainage Piping Cleanouts**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0010	EA		3" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	822.07	71.38
			<i>For Carpet Flange, Add</i>	58.50	
			<i>For Carpet Marker, Add</i>	16.00	
			<i>For Wide Flange, Add</i>	97.00	
			<i>For Satin Bronze Top, Deduct</i>	-24.00	
			<i>For Vandal Proof, Add</i>	19.50	
			<i>For Galvanized Ferrule, Add</i>	45.00	
22 05 76 00-0011	EA		4" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	1,001.05	86.38
			<i>For Carpet Flange, Add</i>	58.50	
			<i>For Carpet Marker, Add</i>	16.00	
			<i>For Wide Flange, Add</i>	97.00	
			<i>For Satin Bronze Top, Deduct</i>	-24.00	
			<i>For Vandal Proof, Add</i>	19.50	
			<i>For Galvanized Ferrule, Add</i>	45.00	
22 05 76 00-0012	EA		5" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	1,396.31	96.66
			<i>For Carpet Flange, Add</i>	58.50	
			<i>For Carpet Marker, Add</i>	16.00	
			<i>For Wide Flange, Add</i>	97.00	
			<i>For Satin Bronze Top, Deduct</i>	-24.00	
			<i>For Vandal Proof, Add</i>	19.50	
			<i>For Galvanized Ferrule, Add</i>	45.00	
22 05 76 00-0013	EA		6" Heavy Duty Floor Cleanout, Round Top, Cast Iron With Cast Bronze Screw Plug And Nickel Bronze Cover.....	1,697.12	104.70
			<i>For Carpet Flange, Add</i>	58.50	
			<i>For Carpet Marker, Add</i>	16.00	
			<i>For Wide Flange, Add</i>	97.00	
			<i>For Satin Bronze Top, Deduct</i>	-24.00	
			<i>For Vandal Proof, Add</i>	19.50	
			<i>For Galvanized Ferrule, Add</i>	45.00	
22 05 76 00-0014			Wall Cover For Cleanout <small>(22 05 76)</small>		
			Note: Cover and screw only.		
22 05 76 00-0015			Round Access Cover, Bronze Polished Top <small>(22 05 76 00-0014)</small>		
			Note: Cover and screw only.		
22 05 76 00-0016	EA		4-1/4" Diameter Wall Cover For Cleanout, Screwed.....	97.92	17.90
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0017	EA		5-1/2" Diameter Wall Cover For Cleanout, Screwed.....	105.07	21.44
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0018	EA		7" Diameter Wall Cover For Cleanout, Screwed.....	134.98	24.12
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0019	EA		9-1/4" Diameter Wall Cover For Cleanout, Screwed.....	231.99	26.79
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0020	EA		11-1/4" Diameter Wall Cover For Cleanout, Screwed.....	351.93	29.47
			<i>For Stainless Steel, Add</i>	9.00	
			<i>For Vandal Proof Screws, Add</i>	19.50	
22 05 76 00-0021			Square Wall Access Panel, Bronze Polished Top <small>(22 05 76 00-0014)</small>		
			Note: Cover and screw only.		
22 05 76 00-0022	EA		7" x 7" Bronze Wall Or Floor Access Cover.....	534.41	17.90
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0023	EA		9" x 9" Bronze Wall Or Floor Access Cover.....	771.69	18.76
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0024	EA		10" x 10" Bronze Wall Or Floor Access Cover.....	824.63	19.83
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0025	EA		14" x 14" Bronze Wall Or Floor Access Cover.....	922.33	22.51
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0026			Secured Square Wall Access Panel, Bronze Polished Top <small>(22 05 76 00-0014)</small>		
			Note: Cover and screw only.		
22 05 76 00-0027	EA		6" x 6" Bronze Secured Wall Access Panel.....	544.16	17.90
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0028	EA		8" x 8" Bronze Secured Wall Access Panel.....	786.05	18.76
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0029	EA		10" x 10" Bronze Secured Wall Access Panel.....	839.98	19.83
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0030	EA		12" x 12" Bronze Secured Wall Access Panel.....	939.49	22.51
			<i>For Vandal Proof Screws, Add</i>	19.50	
			<i>For Nickel Bronze, Add</i>	22.50	
22 05 76 00-0031			Secure Square Hinged Access Panel, Bronze Polished Top, Scoriated <small>(22 05 76 00-0014)</small>		
			Note: Cover and screw only.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0032 EA 6" x 6" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	527.69 19.50 22.50	17.90
22 05 76 00-0033 EA 8" x 8" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	731.91 19.50 22.50	18.76
22 05 76 00-0034 EA 10" x 10" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	1,040.06 19.50 22.50	19.83
22 05 76 00-0035 EA 12" x 12" Bronze Secured Hinged Access Panel, Scoriated..... <i>For Vandal Proof Screws, Add</i> <i>For Nickel Bronze, Add</i>	1,259.62 19.50 22.50	22.51
22 05 76 00-0036 Cast Iron Cleanout Tee (22 05 76)		
22 05 76 00-0037 Cast Iron Cleanout Tee And Round Access Cover (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0038 EA 2" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	480.15 45.00 18.00	57.01
22 05 76 00-0039 EA 3" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	547.14 45.00 18.00	71.38
22 05 76 00-0040 EA 4" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	716.00 45.00 18.00	86.38
22 05 76 00-0041 EA 6" Cleanout Tee With Bronze Screw Plug And Round Polished Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,734.61 45.00 18.00	104.70
22 05 76 00-0042 Cast Iron Cleanout Tee And Square Access Cover (22 05 76 00-0036) Note: Satin smooth secured cover.		
22 05 76 00-0043 EA 2" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	846.29 45.00 18.00	57.01
22 05 76 00-0044 EA 3" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	913.28 45.00 18.00	71.38
22 05 76 00-0045 EA 4" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	1,057.84 45.00 18.00	86.38
22 05 76 00-0046 EA 6" Cleanout Tee With Cast Bronze Screw Plug And Square Nickel Bronze Cover..... <i>For Galvanized Cast Iron Parts, Add</i> <i>For Vandal Proof Screws, Add</i>	2,229.16 45.00 18.00	104.70
22 05 76 00-0047 Cast Iron Cleanout Tee With Brass Plug (22 05 76 00-0036)		
22 05 76 00-0048 EA 2" Cleanout Tee With Cast Bronze Screw Plug.....	393.49	46.62
22 05 76 00-0049 EA 3" Cleanout Tee With Cast Bronze Screw Plug.....	440.24	50.91
22 05 76 00-0050 EA 4" Cleanout Tee With Cast Bronze Screw Plug.....	586.94	66.99
22 05 76 00-0051 EA 5" Cleanout Tee With Cast Bronze Screw Plug.....	887.55	79.31
22 05 76 00-0052 EA 6" Cleanout Tee With Cast Bronze Screw Plug.....	1,523.93	93.77
22 05 76 00-0053 Removable Cleanout Plug (22 05 76)		
22 05 76 00-0054 Threaded Bronze Plugs (22 05 76 00-0053)		
22 05 76 00-0055 EA 1-1/4", 1-1/2" Or 2" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	78.36 9.50	13.40
22 05 76 00-0056 EA 2-1/2" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	94.55 9.50	14.58
22 05 76 00-0057 EA 3" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	165.57 9.50	16.08
22 05 76 00-0058 EA 3-1/2" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	184.98 9.50	18.76
22 05 76 00-0059 EA 4" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	209.06 9.50	21.44
22 05 76 00-0060 EA 5" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	296.31 9.50	24.12
22 05 76 00-0061 EA 6" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	439.71 9.50	26.79
22 05 76 00-0062 EA 8" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	749.12 9.50	29.47
22 05 76 00-0063 EA 10" Threaded Bronze Plug..... <i>For Plug Tapped For Center Screw, Add</i>	1,082.01 9.50	32.15
22 05 76 00-0064 Threaded Brass Plugs (22 05 76 00-0053)		
22 05 76 00-0065 EA 1-1/2" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	30.25 9.50	13.40
22 05 76 00-0066 EA 2" Threaded Brass Plug, Raised Head..... <i>For Plug Tapped For Center Screw, Add</i>	30.86 9.50	13.40

22 Plumbing**22 05 Common Work Results for Plumbing**

22 05 76 Facility Drainage Piping Cleanouts

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 05 76 00-0067	EA		2-1/2" Threaded Brass Plug, Raised Head	33.69	14.58
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0068	EA		3" Threaded Brass Plug, Raised Head	38.22	16.07
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0069	EA		3-1/2" Threaded Brass Plug, Raised Head	45.21	18.76
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0070	EA		4" Threaded Brass Plug, Raised Head	53.30	21.43
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0071	EA		4-1/2" Threaded Brass Plug, Raised Head	57.33	22.58
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0072	EA		5" Threaded Brass Plug, Raised Head	61.73	24.12
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0073	EA		6" Threaded Brass Plug, Raised Head	81.72	26.79
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0074	EA		1-1/2" Threaded Brass Plug, Countersunk Head	29.78	13.40
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0075	EA		2" Threaded Brass Plug, Countersunk Head	30.45	13.40
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0076	EA		2-1/2" Threaded Brass Plug, Countersunk Head	35.00	14.58
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0077	EA		3" Threaded Brass Plug, Countersunk Head	38.41	16.08
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0078	EA		3-1/2" Threaded Brass Plug, Countersunk Head	44.65	18.76
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0079	EA		4" Threaded Brass Plug, Countersunk Head	52.41	21.44
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0080	EA		5" Threaded Brass Plug, Countersunk Head	61.25	24.12
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	
22 05 76 00-0081	EA		6" Threaded Brass Plug, Countersunk Head	73.87	26.79
			<i>For Plug Tapped For Center Screw, Add</i>	9.50	

22 07 Plumbing Insulation (22)**22 07 16 Plumbing Equipment Insulation** (22 07)

22 07 16 00-0001			Lavatory Insulation <small>(22 07 16)</small>		
22 07 16 00-0002	EA		Neoprene Insulation Kit For Under Lavatories	331.32	26.09

22 07 19 Plumbing Piping Insulation (22 07)

22 07 19 00-0001			Fiberglass (Glass Fiber) Pipe Insulation <small>(22 07 19)</small>		
			Note: Includes factory applied All Service Jacket (ASJ), Self Sealing Lap (SSL) longitudinal seam, butt strip seals, and adhesive. Excludes insulation for fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0002			1/2" Thick Fiberglass Pipe Insulation <small>(22 07 19 00-0001)</small>		
22 07 19 00-0003	LF		1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.73	2.55
			<i>For Single Layer Of Felt Finish, Add</i>	0.19	
			<i>For Work In Restricted Working Space, Add</i>	2.07	
22 07 19 00-0004	LF		3/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	8.92	2.55
			<i>For Single Layer Of Felt Finish, Add</i>	0.21	
			<i>For Work In Restricted Working Space, Add</i>	2.07	
22 07 19 00-0005	LF		1" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.48	2.67
			<i>For Single Layer Of Felt Finish, Add</i>	0.23	
			<i>For Work In Restricted Working Space, Add</i>	2.20	
22 07 19 00-0006	LF		1-1/4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	9.83	2.78
			<i>For Single Layer Of Felt Finish, Add</i>	0.25	
			<i>For Work In Restricted Working Space, Add</i>	2.24	
22 07 19 00-0007	LF		1-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.11	2.78
			<i>For Single Layer Of Felt Finish, Add</i>	0.26	
			<i>For Work In Restricted Working Space, Add</i>	2.28	
22 07 19 00-0008	LF		2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	10.71	2.90
			<i>For Single Layer Of Felt Finish, Add</i>	0.28	
			<i>For Work In Restricted Working Space, Add</i>	2.40	
22 07 19 00-0009	LF		2-1/2" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.25	3.01
			<i>For Single Layer Of Felt Finish, Add</i>	0.33	
			<i>For Work In Restricted Working Space, Add</i>	2.45	
22 07 19 00-0010	LF		3" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	11.88	3.13
			<i>For Single Layer Of Felt Finish, Add</i>	0.36	
			<i>For Work In Restricted Working Space, Add</i>	2.53	
22 07 19 00-0011	LF		4" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	13.55	3.36
			<i>For Single Layer Of Felt Finish, Add</i>	0.47	
			<i>For Work In Restricted Working Space, Add</i>	2.73	
22 07 19 00-0012	LF		6" Diameter Pipe, 1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)	16.01	3.95
			<i>For Single Layer Of Felt Finish, Add</i>	0.56	
			<i>For Work In Restricted Working Space, Add</i>	3.19	

22 07 19 00-0013 1" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0014 LF 1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.69 0.23 2.86	3.48
22 07 19 00-0015 LF 3/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.01 0.26 2.86	3.48
22 07 19 00-0016 LF 1" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.19 0.26 2.90	3.48
22 07 19 00-0017 LF 1-1/4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.65 0.30 2.94	3.59
22 07 19 00-0018 LF 1-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.01 0.32 2.98	3.59
22 07 19 00-0019 LF 2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	13.57 0.35 3.07	3.72
22 07 19 00-0020 LF 2-1/2" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.33 0.39 3.19	3.95
22 07 19 00-0021 LF 3" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.07 0.44 3.27	4.06
22 07 19 00-0022 LF 4" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.11 0.56 3.52	4.29
22 07 19 00-0023 LF 6" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.82 0.69 3.97	4.98
22 07 19 00-0024 LF 8" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.58 0.99 4.55	5.57
22 07 19 00-0025 LF 10" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.91 1.15 5.38	6.61
22 07 19 00-0026 LF 12" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.17 1.31 6.21	7.54
22 07 19 00-0027 LF 14" Diameter Pipe, 1" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.87 1.52 6.43	8.24
22 07 19 00-0028 1-1/2" Thick Fiberglass Pipe Insulation ^(22 07 19 00-0001)		
22 07 19 00-0029 LF 1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.32 0.46 2.98	3.58
22 07 19 00-0030 LF 3/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	14.52 0.48 2.98	3.58
22 07 19 00-0031 LF 1" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.34 0.51 3.16	3.80
22 07 19 00-0032 LF 1-1/4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	15.89 0.54 3.21	3.88
22 07 19 00-0033 LF 1-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.37 0.57 3.27	3.95
22 07 19 00-0034 LF 2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.48 0.63 3.46	4.15
22 07 19 00-0035 LF 2-1/2" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.26 0.69 3.51	4.22
22 07 19 00-0036 LF 3" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.85 0.71 3.63	4.37
22 07 19 00-0037 LF 4" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.83 0.81 3.93	4.73
22 07 19 00-0038 LF 6" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	24.11 0.93 4.58	5.52
22 07 19 00-0039 LF 8" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.18 1.16 4.84	5.82
22 07 19 00-0040 LF 10" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	33.25 1.46 5.79	6.97
22 07 19 00-0041 LF 12" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	37.66 1.59 6.74	8.12
22 07 19 00-0042 LF 14" Diameter Pipe, 1-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ)..... <i>For Single Layer Of Felt Finish, Add</i> <i>For Work In Restricted Working Space, Add</i>	42.21 1.84 7.39	8.89

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0043			2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0044	LF		1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	17.78	3.95
			<i>For Single Layer Of Felt Finish, Add</i>	0.72	
			<i>For Work In Restricted Working Space, Add</i>	3.27	
22 07 19 00-0045	LF		3/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.01	3.95
			<i>For Single Layer Of Felt Finish, Add</i>	0.75	
			<i>For Work In Restricted Working Space, Add</i>	3.27	
22 07 19 00-0046	LF		1" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	18.66	4.06
			<i>For Single Layer Of Felt Finish, Add</i>	0.80	
			<i>For Work In Restricted Working Space, Add</i>	3.32	
22 07 19 00-0047	LF		1-1/4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.22	4.06
			<i>For Single Layer Of Felt Finish, Add</i>	0.84	
			<i>For Work In Restricted Working Space, Add</i>	3.36	
22 07 19 00-0048	LF		1-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	19.82	4.18
			<i>For Single Layer Of Felt Finish, Add</i>	0.89	
			<i>For Work In Restricted Working Space, Add</i>	3.40	
22 07 19 00-0049	LF		2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	20.56	4.29
			<i>For Single Layer Of Felt Finish, Add</i>	0.93	
			<i>For Work In Restricted Working Space, Add</i>	3.52	
22 07 19 00-0050	LF		2-1/2" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	21.64	4.41
			<i>For Single Layer Of Felt Finish, Add</i>	1.00	
			<i>For Work In Restricted Working Space, Add</i>	3.65	
22 07 19 00-0051	LF		3" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.80	4.64
			<i>For Single Layer Of Felt Finish, Add</i>	1.07	
			<i>For Work In Restricted Working Space, Add</i>	3.77	
22 07 19 00-0052	LF		4" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.96	4.87
			<i>For Single Layer Of Felt Finish, Add</i>	1.23	
			<i>For Work In Restricted Working Space, Add</i>	3.98	
22 07 19 00-0053	LF		6" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.51	5.72
			<i>For Single Layer Of Felt Finish, Add</i>	1.43	
			<i>For Work In Restricted Working Space, Add</i>	4.77	
22 07 19 00-0054	LF		8" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.60	6.04
			<i>For Single Layer Of Felt Finish, Add</i>	1.77	
			<i>For Work In Restricted Working Space, Add</i>	5.03	
22 07 19 00-0055	LF		10" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	40.22	7.22
			<i>For Single Layer Of Felt Finish, Add</i>	2.11	
			<i>For Work In Restricted Working Space, Add</i>	6.03	
22 07 19 00-0056	LF		12" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	46.16	8.66
			<i>For Single Layer Of Felt Finish, Add</i>	2.32	
			<i>For Work In Restricted Working Space, Add</i>	7.22	
22 07 19 00-0057	LF		14" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	58.56	9.45
			<i>For Single Layer Of Felt Finish, Add</i>	2.63	
			<i>For Work In Restricted Working Space, Add</i>	10.07	
22 07 19 00-0058	LF		16" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	62.02	11.08
			<i>For Single Layer Of Felt Finish, Add</i>	2.99	
			<i>For Work In Restricted Working Space, Add</i>	10.07	
22 07 19 00-0059	LF		18" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	69.05	11.63
			<i>For Single Layer Of Felt Finish, Add</i>	3.55	
			<i>For Work In Restricted Working Space, Add</i>	10.57	
22 07 19 00-0060	LF		20" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	78.23	13.29
			<i>For Single Layer Of Felt Finish, Add</i>	3.98	
			<i>For Work In Restricted Working Space, Add</i>	12.08	
22 07 19 00-0061	LF		24" Diameter Pipe, 2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	90.72	16.06
			<i>For Single Layer Of Felt Finish, Add</i>	4.42	
			<i>For Work In Restricted Working Space, Add</i>	14.60	
22 07 19 00-0062			2-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0063	LF		1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.15	4.64
			<i>For Single Layer Of Felt Finish, Add</i>	1.00	
			<i>For Work In Restricted Working Space, Add</i>	3.77	
22 07 19 00-0064	LF		3/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	22.48	4.64
			<i>For Single Layer Of Felt Finish, Add</i>	1.04	
			<i>For Work In Restricted Working Space, Add</i>	3.77	
22 07 19 00-0065	LF		1" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	23.40	4.64
			<i>For Single Layer Of Felt Finish, Add</i>	1.12	
			<i>For Work In Restricted Working Space, Add</i>	3.83	
22 07 19 00-0066	LF		1-1/4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.09	4.75
			<i>For Single Layer Of Felt Finish, Add</i>	1.18	
			<i>For Work In Restricted Working Space, Add</i>	3.86	
22 07 19 00-0067	LF		1-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.80	4.75
			<i>For Single Layer Of Felt Finish, Add</i>	1.24	
			<i>For Work In Restricted Working Space, Add</i>	3.89	
22 07 19 00-0068	LF		2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.83	4.98
			<i>For Single Layer Of Felt Finish, Add</i>	1.29	
			<i>For Work In Restricted Working Space, Add</i>	4.05	
22 07 19 00-0069	LF		2-1/2" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.32	5.10
			<i>For Single Layer Of Felt Finish, Add</i>	1.40	
			<i>For Work In Restricted Working Space, Add</i>	4.19	
22 07 19 00-0070	LF		3" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.66	5.34
			<i>For Single Layer Of Felt Finish, Add</i>	1.49	
			<i>For Work In Restricted Working Space, Add</i>	4.34	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0071 LF 4" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	31.77	5.57
<i>For Single Layer Of Felt Finish, Add</i>	1.73	
<i>For Work In Restricted Working Space, Add</i>	4.58	
22 07 19 00-0072 LF 6" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	36.45	5.91
<i>For Single Layer Of Felt Finish, Add</i>	2.01	
<i>For Work In Restricted Working Space, Add</i>	5.20	
22 07 19 00-0073 LF 8" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	49.05	7.08
<i>For Single Layer Of Felt Finish, Add</i>	3.12	
<i>For Work In Restricted Working Space, Add</i>	5.80	
22 07 19 00-0074 LF 10" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	58.67	8.12
<i>For Single Layer Of Felt Finish, Add</i>	3.82	
<i>For Work In Restricted Working Space, Add</i>	6.69	
22 07 19 00-0075 LF 12" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	66.44	10.09
<i>For Single Layer Of Felt Finish, Add</i>	4.07	
<i>For Work In Restricted Working Space, Add</i>	8.31	
22 07 19 00-0076 LF 14" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	75.24	11.14
<i>For Single Layer Of Felt Finish, Add</i>	4.72	
<i>For Work In Restricted Working Space, Add</i>	9.08	
22 07 19 00-0077 LF 16" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	88.23	14.15
<i>For Single Layer Of Felt Finish, Add</i>	5.21	
<i>For Work In Restricted Working Space, Add</i>	11.60	
22 07 19 00-0078 LF 18" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	94.98	14.84
<i>For Single Layer Of Felt Finish, Add</i>	5.71	
<i>For Work In Restricted Working Space, Add</i>	12.17	
22 07 19 00-0079 LF 20" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	107.77	16.93
<i>For Single Layer Of Felt Finish, Add</i>	6.44	
<i>For Work In Restricted Working Space, Add</i>	13.92	
22 07 19 00-0080 LF 24" Diameter Pipe, 2-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	126.60	20.46
<i>For Single Layer Of Felt Finish, Add</i>	7.41	
<i>For Work In Restricted Working Space, Add</i>	16.81	
22 07 19 00-0081 3" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0082 LF 1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.42	5.13
<i>For Single Layer Of Felt Finish, Add</i>	1.10	
<i>For Work In Restricted Working Space, Add</i>	4.18	
22 07 19 00-0083 LF 3/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	24.78	5.13
<i>For Single Layer Of Felt Finish, Add</i>	1.14	
<i>For Work In Restricted Working Space, Add</i>	4.18	
22 07 19 00-0084 LF 1" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	25.72	5.18
<i>For Single Layer Of Felt Finish, Add</i>	1.22	
<i>For Work In Restricted Working Space, Add</i>	4.22	
22 07 19 00-0085 LF 1-1/4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.46	5.21
<i>For Single Layer Of Felt Finish, Add</i>	1.29	
<i>For Work In Restricted Working Space, Add</i>	4.25	
22 07 19 00-0086 LF 1-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	27.30	5.27
<i>For Single Layer Of Felt Finish, Add</i>	1.36	
<i>For Work In Restricted Working Space, Add</i>	4.29	
22 07 19 00-0087 LF 2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.36	5.46
<i>For Single Layer Of Felt Finish, Add</i>	1.42	
<i>For Work In Restricted Working Space, Add</i>	4.45	
22 07 19 00-0088 LF 2-1/2" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.99	5.65
<i>For Single Layer Of Felt Finish, Add</i>	1.54	
<i>For Work In Restricted Working Space, Add</i>	4.61	
22 07 19 00-0089 LF 3" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	31.48	5.86
<i>For Single Layer Of Felt Finish, Add</i>	1.64	
<i>For Work In Restricted Working Space, Add</i>	4.77	
22 07 19 00-0090 LF 4" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	34.92	6.18
<i>For Single Layer Of Felt Finish, Add</i>	1.90	
<i>For Work In Restricted Working Space, Add</i>	5.04	
22 07 19 00-0091 LF 6" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	40.03	7.02
<i>For Single Layer Of Felt Finish, Add</i>	2.20	
<i>For Work In Restricted Working Space, Add</i>	5.72	
22 07 19 00-0092 LF 8" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	53.87	7.81
<i>For Single Layer Of Felt Finish, Add</i>	3.43	
<i>For Work In Restricted Working Space, Add</i>	6.38	
22 07 19 00-0093 LF 10" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	64.45	9.02
<i>For Single Layer Of Felt Finish, Add</i>	4.19	
<i>For Work In Restricted Working Space, Add</i>	7.36	
22 07 19 00-0094 LF 12" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	72.99	11.22
<i>For Single Layer Of Felt Finish, Add</i>	4.46	
<i>For Work In Restricted Working Space, Add</i>	9.14	
22 07 19 00-0095 LF 14" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	82.65	12.24
<i>For Single Layer Of Felt Finish, Add</i>	5.18	
<i>For Work In Restricted Working Space, Add</i>	9.98	
22 07 19 00-0096 LF 16" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	96.93	15.65
<i>For Single Layer Of Felt Finish, Add</i>	5.71	
<i>For Work In Restricted Working Space, Add</i>	12.75	
22 07 19 00-0097 LF 18" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	104.35	16.43
<i>For Single Layer Of Felt Finish, Add</i>	6.27	
<i>For Work In Restricted Working Space, Add</i>	13.39	
22 07 19 00-0098 LF 20" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	118.41	18.79
<i>For Single Layer Of Felt Finish, Add</i>	7.07	
<i>For Work In Restricted Working Space, Add</i>	15.32	
22 07 19 00-0099 LF 24" Diameter Pipe, 3" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	139.09	22.68
<i>For Single Layer Of Felt Finish, Add</i>	8.13	
<i>For Work In Restricted Working Space, Add</i>	18.50	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 07 19 00-0100		3-1/2" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0101	LF	1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.30	5.57
		<i>For Single Layer Of Felt Finish, Add</i>	1.16	
		<i>For Work In Restricted Working Space, Add</i>	4.58	
22 07 19 00-0102	LF	3/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	26.72	5.57
		<i>For Single Layer Of Felt Finish, Add</i>	1.20	
		<i>For Work In Restricted Working Space, Add</i>	4.58	
22 07 19 00-0103	LF	1" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.10	5.57
		<i>For Single Layer Of Felt Finish, Add</i>	1.34	
		<i>For Work In Restricted Working Space, Add</i>	4.61	
22 07 19 00-0104	LF	1-1/4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	28.90	5.68
		<i>For Single Layer Of Felt Finish, Add</i>	1.41	
		<i>For Work In Restricted Working Space, Add</i>	4.64	
22 07 19 00-0105	LF	1-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.84	5.68
		<i>For Single Layer Of Felt Finish, Add</i>	1.49	
		<i>For Work In Restricted Working Space, Add</i>	4.70	
22 07 19 00-0106	LF	2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.95	5.91
		<i>For Single Layer Of Felt Finish, Add</i>	1.55	
		<i>For Work In Restricted Working Space, Add</i>	4.85	
22 07 19 00-0107	LF	2-1/2" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	32.73	6.14
		<i>For Single Layer Of Felt Finish, Add</i>	1.68	
		<i>For Work In Restricted Working Space, Add</i>	5.02	
22 07 19 00-0108	LF	3" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	34.25	6.37
		<i>For Single Layer Of Felt Finish, Add</i>	1.78	
		<i>For Work In Restricted Working Space, Add</i>	5.20	
22 07 19 00-0109	LF	4" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	38.16	6.73
		<i>For Single Layer Of Felt Finish, Add</i>	2.08	
		<i>For Work In Restricted Working Space, Add</i>	5.50	
22 07 19 00-0110	LF	6" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	43.71	7.65
		<i>For Single Layer Of Felt Finish, Add</i>	2.41	
		<i>For Work In Restricted Working Space, Add</i>	6.24	
22 07 19 00-0111	LF	8" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	58.82	8.47
		<i>For Single Layer Of Felt Finish, Add</i>	3.74	
		<i>For Work In Restricted Working Space, Add</i>	6.95	
22 07 19 00-0112	LF	10" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	70.39	9.74
		<i>For Single Layer Of Felt Finish, Add</i>	4.58	
		<i>For Work In Restricted Working Space, Add</i>	8.02	
22 07 19 00-0113	LF	12" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	79.71	12.17
		<i>For Single Layer Of Felt Finish, Add</i>	4.88	
		<i>For Work In Restricted Working Space, Add</i>	9.97	
22 07 19 00-0114	LF	14" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	90.30	13.33
		<i>For Single Layer Of Felt Finish, Add</i>	5.67	
		<i>For Work In Restricted Working Space, Add</i>	10.89	
22 07 19 00-0115	LF	16" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	105.90	16.93
		<i>For Single Layer Of Felt Finish, Add</i>	6.25	
		<i>For Work In Restricted Working Space, Add</i>	13.92	
22 07 19 00-0116	LF	18" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	113.98	17.86
		<i>For Single Layer Of Felt Finish, Add</i>	6.85	
		<i>For Work In Restricted Working Space, Add</i>	14.61	
22 07 19 00-0117	LF	20" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	129.37	20.41
		<i>For Single Layer Of Felt Finish, Add</i>	7.74	
		<i>For Work In Restricted Working Space, Add</i>	16.71	
22 07 19 00-0118	LF	24" Diameter Pipe, 3-1/2" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	151.94	24.59
		<i>For Single Layer Of Felt Finish, Add</i>	8.89	
		<i>For Work In Restricted Working Space, Add</i>	20.18	
22 07 19 00-0119		4" Thick Fiberglass Pipe Insulation (22 07 19 00-0001)		
22 07 19 00-0120	LF	1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	29.85	6.26
		<i>For Single Layer Of Felt Finish, Add</i>	1.36	
		<i>For Work In Restricted Working Space, Add</i>	5.08	
22 07 19 00-0121	LF	3/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	30.31	6.26
		<i>For Single Layer Of Felt Finish, Add</i>	1.40	
		<i>For Work In Restricted Working Space, Add</i>	5.08	
22 07 19 00-0122	LF	1" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	31.56	6.26
		<i>For Single Layer Of Felt Finish, Add</i>	1.50	
		<i>For Work In Restricted Working Space, Add</i>	5.17	
22 07 19 00-0123	LF	1-1/4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	32.57	6.37
		<i>For Single Layer Of Felt Finish, Add</i>	1.59	
		<i>For Work In Restricted Working Space, Add</i>	5.23	
22 07 19 00-0124	LF	1-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	33.94	6.61
		<i>For Single Layer Of Felt Finish, Add</i>	1.68	
		<i>For Work In Restricted Working Space, Add</i>	5.39	
22 07 19 00-0125	LF	2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	35.19	6.84
		<i>For Single Layer Of Felt Finish, Add</i>	1.75	
		<i>For Work In Restricted Working Space, Add</i>	5.56	
22 07 19 00-0126	LF	2-1/2" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	36.82	6.84
		<i>For Single Layer Of Felt Finish, Add</i>	1.89	
		<i>For Work In Restricted Working Space, Add</i>	5.65	
22 07 19 00-0127	LF	3" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	38.68	7.19
		<i>For Single Layer Of Felt Finish, Add</i>	2.01	
		<i>For Work In Restricted Working Space, Add</i>	5.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0128 LF 4" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	42.89	7.54
<i>For Single Layer Of Felt Finish, Add</i>	2.34	
<i>For Work In Restricted Working Space, Add</i>	6.18	
22 07 19 00-0129 LF 6" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	49.17	8.58
<i>For Single Layer Of Felt Finish, Add</i>	2.71	
<i>For Work In Restricted Working Space, Add</i>	7.01	
22 07 19 00-0130 LF 8" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	66.18	9.27
<i>For Single Layer Of Felt Finish, Add</i>	4.21	
<i>For Work In Restricted Working Space, Add</i>	7.82	
22 07 19 00-0131 LF 10" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	79.21	11.02
<i>For Single Layer Of Felt Finish, Add</i>	5.15	
<i>For Work In Restricted Working Space, Add</i>	9.04	
22 07 19 00-0132 LF 12" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	89.70	13.68
<i>For Single Layer Of Felt Finish, Add</i>	5.49	
<i>For Work In Restricted Working Space, Add</i>	11.22	
22 07 19 00-0133 LF 14" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	101.61	14.96
<i>For Single Layer Of Felt Finish, Add</i>	6.38	
<i>For Work In Restricted Working Space, Add</i>	12.26	
22 07 19 00-0134 LF 16" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	119.18	19.13
<i>For Single Layer Of Felt Finish, Add</i>	7.03	
<i>For Work In Restricted Working Space, Add</i>	15.67	
22 07 19 00-0135 LF 18" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	128.17	20.06
<i>For Single Layer Of Felt Finish, Add</i>	7.71	
<i>For Work In Restricted Working Space, Add</i>	16.42	
22 07 19 00-0136 LF 20" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	143.63	22.96
<i>For Single Layer Of Felt Finish, Add</i>	8.50	
<i>For Work In Restricted Working Space, Add</i>	18.80	
22 07 19 00-0137 LF 24" Diameter Pipe, 4" Thick, Fiberglass Insulation With All Service Jacket (ASJ).....	170.96	27.71
<i>For Single Layer Of Felt Finish, Add</i>	10.00	
<i>For Work In Restricted Working Space, Add</i>	22.71	
22 07 19 00-0138 Foamglas (Cellular Glass) Pipe Insulation, Rigid, Closed Cell <small>(22 07 19)</small>		
<small>Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.</small>		
22 07 19 00-0139 1" Thick Foamglas Pipe Insulation <small>(22 07 19 00-0138)</small>		
22 07 19 00-0140 LF 1/2" Diameter Pipe, 1" Thick Foamglas Insulation	19.93	5.66
<i>For Work In Restricted Working Space, Add</i>	5.14	
22 07 19 00-0141 LF 3/4" Diameter Pipe, 1" Thick Foamglas Insulation	20.64	5.66
<i>For Work In Restricted Working Space, Add</i>	5.14	
22 07 19 00-0142 LF 1" Diameter Pipe, 1" Thick Foamglas Insulation	21.60	5.74
<i>For Work In Restricted Working Space, Add</i>	5.21	
22 07 19 00-0143 LF 1-1/4" Diameter Pipe, 1" Thick Foamglas Insulation	22.09	5.82
<i>For Work In Restricted Working Space, Add</i>	5.29	
22 07 19 00-0144 LF 1-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	22.81	5.90
<i>For Work In Restricted Working Space, Add</i>	5.37	
22 07 19 00-0145 LF 2" Diameter Pipe, 1" Thick Foamglas Insulation	24.22	6.06
<i>For Work In Restricted Working Space, Add</i>	5.52	
22 07 19 00-0146 LF 2-1/2" Diameter Pipe, 1" Thick Foamglas Insulation	25.98	6.32
<i>For Work In Restricted Working Space, Add</i>	5.74	
22 07 19 00-0147 LF 3" Diameter Pipe, 1" Thick Foamglas Insulation	27.87	6.48
<i>For Work In Restricted Working Space, Add</i>	5.89	
22 07 19 00-0148 LF 4" Diameter Pipe, 1" Thick Foamglas Insulation	31.96	6.97
<i>For Work In Restricted Working Space, Add</i>	6.34	
22 07 19 00-0149 LF 6" Diameter Pipe, 1" Thick Foamglas Insulation	40.23	7.86
<i>For Work In Restricted Working Space, Add</i>	7.15	
22 07 19 00-0150 1-1/2" Thick Foamglas Pipe Insulation <small>(22 07 19 00-0138)</small>		
22 07 19 00-0151 LF 1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.32	6.27
<i>For Work In Restricted Working Space, Add</i>	5.52	
22 07 19 00-0152 LF 3/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	23.77	6.27
<i>For Work In Restricted Working Space, Add</i>	5.52	
22 07 19 00-0153 LF 1" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	24.46	6.35
<i>For Work In Restricted Working Space, Add</i>	5.59	
22 07 19 00-0154 LF 1-1/4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.03	6.43
<i>For Work In Restricted Working Space, Add</i>	5.66	
22 07 19 00-0155 LF 1-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	25.56	6.52
<i>For Work In Restricted Working Space, Add</i>	5.74	
22 07 19 00-0156 LF 2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	27.57	6.74
<i>For Work In Restricted Working Space, Add</i>	5.93	
22 07 19 00-0157 LF 2-1/2" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	30.94	6.99
<i>For Work In Restricted Working Space, Add</i>	6.15	
22 07 19 00-0158 LF 3" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	33.93	7.20
<i>For Work In Restricted Working Space, Add</i>	6.34	
22 07 19 00-0159 LF 4" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	38.22	7.66
<i>For Work In Restricted Working Space, Add</i>	6.75	
22 07 19 00-0160 LF 6" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	44.85	8.69
<i>For Work In Restricted Working Space, Add</i>	7.64	
22 07 19 00-0161 LF 8" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	50.14	9.69
<i>For Work In Restricted Working Space, Add</i>	8.52	
22 07 19 00-0162 LF 10" Diameter Pipe, 1-1/2" Thick Foamglas Insulation	60.59	11.17
<i>For Work In Restricted Working Space, Add</i>	9.82	

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0163	LF		12" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	72.16 12.21	13.88
22 07 19 00-0164	LF		14" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	80.04 13.27	14.60
22 07 19 00-0165	LF		16" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	88.22 14.82	16.30
22 07 19 00-0166	LF		18" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	100.34 17.53	19.28
22 07 19 00-0167	LF		20" Diameter Pipe, 1-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	112.01 19.41	21.35
22 07 19 00-0168	LF		24" Diameter Pipe, 1-1/2" Thick Fiberglass Insulation <i>For Work In Restricted Working Space, Add</i>	138.53 21.50	23.65
22 07 19 00-0169 2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)					
22 07 19 00-0170	LF		1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	26.07 5.89	6.48
22 07 19 00-0171	LF		3/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	26.76 5.89	6.48
22 07 19 00-0172	LF		1" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	27.69 5.96	6.55
22 07 19 00-0173	LF		1-1/4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	29.02 6.04	6.65
22 07 19 00-0174	LF		1-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	30.38 6.11	6.73
22 07 19 00-0175	LF		2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	33.72 6.34	6.97
22 07 19 00-0176	LF		2-1/2" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	35.33 6.56	7.22
22 07 19 00-0177	LF		3" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	37.79 6.78	7.46
22 07 19 00-0178	LF		4" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	42.32 7.16	7.87
22 07 19 00-0179	LF		6" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	50.41 8.12	8.94
22 07 19 00-0180	LF		8" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	56.14 9.06	9.97
22 07 19 00-0181	LF		10" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	68.05 10.45	11.49
22 07 19 00-0182	LF		12" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	84.31 12.99	14.29
22 07 19 00-0183	LF		14" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	90.21 14.18	15.60
22 07 19 00-0184	LF		16" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	107.28 18.12	19.94
22 07 19 00-0185	LF		18" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	116.62 19.02	20.93
22 07 19 00-0186	LF		20" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	129.34 21.75	23.92
22 07 19 00-0187	LF		24" Diameter Pipe, 2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	161.78 26.28	28.90
22 07 19 00-0188 2-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)					
22 07 19 00-0189	LF		1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	31.30 6.39	7.03
22 07 19 00-0190	LF		3/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	32.47 6.38	7.02
22 07 19 00-0191	LF		1" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	34.02 6.49	7.13
22 07 19 00-0192	LF		1-1/4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	35.36 6.53	7.19
22 07 19 00-0193	LF		1-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	36.72 6.59	7.25
22 07 19 00-0194	LF		2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	39.27 6.86	7.54
22 07 19 00-0195	LF		2-1/2" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	41.69 7.09	7.80
22 07 19 00-0196	LF		3" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	45.12 7.34	8.08
22 07 19 00-0197	LF		4" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	50.34 7.74	8.51
22 07 19 00-0198	LF		6" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	60.00 8.80	9.69
22 07 19 00-0199	LF		8" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	66.85 9.81	10.79
22 07 19 00-0200	LF		10" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	76.33 11.31	12.44
22 07 19 00-0201	LF		12" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	95.03 14.06	15.47
22 07 19 00-0202	LF		14" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	99.40 15.35	16.89
22 07 19 00-0203	LF		16" Diameter Pipe, 2-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	117.87 19.62	21.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0204 LF 18" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	127.85 20.60	22.65
22 07 19 00-0205 LF 20" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	146.94 23.55	25.90
22 07 19 00-0206 LF 24" Diameter Pipe, 2-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	183.56 28.45	31.29
22 07 19 00-0207 3" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0208 LF 1/2" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	37.41 6.79	7.47
22 07 19 00-0209 LF 3/4" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	38.12 6.79	7.47
22 07 19 00-0210 LF 1" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	39.21 6.90	7.59
22 07 19 00-0211 LF 1-1/4" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	40.08 6.95	7.64
22 07 19 00-0212 LF 1-1/2" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	40.99 7.01	7.71
22 07 19 00-0213 LF 2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	43.95 7.30	8.02
22 07 19 00-0214 LF 2-1/2" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	46.78 7.55	8.31
22 07 19 00-0215 LF 3" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	52.83 7.81	8.59
22 07 19 00-0216 LF 4" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	60.00 8.24	9.05
22 07 19 00-0217 LF 6" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	65.84 9.36	10.30
22 07 19 00-0218 LF 8" Diameter Pipe, 3" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	74.31 10.44	11.48
22 07 19 00-0219 LF 10" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	88.48 12.04	13.24
22 07 19 00-0220 LF 12" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	103.17 14.96	16.45
22 07 19 00-0221 LF 14" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	110.60 16.33	17.96
22 07 19 00-0222 LF 16" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	132.61 20.87	22.96
22 07 19 00-0223 LF 18" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	141.79 21.92	24.10
22 07 19 00-0224 LF 20" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	165.89 25.05	27.55
22 07 19 00-0225 LF 24" Diameter Pipe, 3" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	202.66 30.26	33.29
22 07 19 00-0226 3-1/2" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0227 LF 1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	45.09 8.24	9.05
22 07 19 00-0228 LF 3/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	45.98 8.24	9.05
22 07 19 00-0229 LF 1" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	47.05 8.29	9.11
22 07 19 00-0230 LF 1-1/4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	48.12 8.34	9.17
22 07 19 00-0231 LF 1-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	49.36 8.45	9.28
22 07 19 00-0232 LF 2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	54.09 8.74	9.62
22 07 19 00-0233 LF 2-1/2" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	58.87 9.04	9.95
22 07 19 00-0234 LF 3" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	62.10 9.36	10.30
22 07 19 00-0235 LF 4" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	66.46 9.89	10.88
22 07 19 00-0236 LF 6" Diameter Pipe, 3-1/2" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	76.45 11.24	12.36
22 07 19 00-0237 LF 8" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	86.83 12.51	13.76
22 07 19 00-0238 LF 10" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	103.65 14.44	15.89
22 07 19 00-0239 LF 12" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	122.82 17.95	19.74
22 07 19 00-0240 LF 14" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	128.45 19.60	21.56
22 07 19 00-0241 LF 16" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	154.58 25.05	27.55
22 07 19 00-0242 LF 18" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	169.43 26.30	28.93
22 07 19 00-0243 LF 20" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	192.95 30.08	33.09
22 07 19 00-0244 LF 24" Diameter Pipe, 3-1/2" Thick Foamglas Insulation..... <i>For Work In Restricted Working Space, Add</i>	236.70 36.32	39.95

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0245			4" Thick Foamglas Pipe Insulation (22 07 19 00-0138)		
22 07 19 00-0246	LF		1/2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	54.93 10.12	11.14
22 07 19 00-0247	LF		3/4" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	56.08 10.12	11.14
22 07 19 00-0248	LF		1" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	57.81 10.29	11.32
22 07 19 00-0249	LF		1-1/4" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	59.36 10.41	11.46
22 07 19 00-0250	LF		1-1/2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	61.60 10.74	11.82
22 07 19 00-0251	LF		2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	66.36 11.07	12.17
22 07 19 00-0252	LF		2-1/2" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	70.55 11.24	12.37
22 07 19 00-0253	LF		3" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	74.01 11.66	12.83
22 07 19 00-0254	LF		4" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	80.99 13.00	14.30
22 07 19 00-0255	LF		6" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	93.29 13.96	15.35
22 07 19 00-0256	LF		8" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	105.09 15.14	16.65
22 07 19 00-0257	LF		10" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	120.60 17.99	19.79
22 07 19 00-0258	LF		12" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	141.39 22.34	24.57
22 07 19 00-0259	LF		14" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	153.78 24.40	26.83
22 07 19 00-0260	LF		16" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	183.34 31.19	34.31
22 07 19 00-0261	LF		18" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	203.24 32.69	35.96
22 07 19 00-0262	LF		20" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	228.11 37.41	41.15
22 07 19 00-0263	LF		24" Diameter Pipe, 4" Thick Foamglas Insulation <i>For Work In Restricted Working Space, Add</i>	288.51 45.20	49.72
22 07 19 00-0264			Polyisocyanurate Pipe Insulation (22 07 19) Note: Dow Trymer insulation with Saran vapor wrap. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint.		
22 07 19 00-0265			1" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0266	LF		2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	17.27	3.36
22 07 19 00-0267	LF		2-1/2" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	18.60	3.59
22 07 19 00-0268	LF		3" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	20.01	3.83
22 07 19 00-0269	LF		4" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	23.66	4.52
22 07 19 00-0270	LF		6" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	29.92	5.68
22 07 19 00-0271	LF		8" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	35.99	6.73
22 07 19 00-0272	LF		10" Diameter Pipe, 1" Thick Polyisocyanurate Insulation	41.21	7.54
22 07 19 00-0273			1-1/2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0274	LF		2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	19.78	3.59
22 07 19 00-0275	LF		2-1/2" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	21.46	3.83
22 07 19 00-0276	LF		3" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	23.10	3.95
22 07 19 00-0277	LF		4" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	27.36	4.87
22 07 19 00-0278	LF		6" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	34.99	6.14
22 07 19 00-0279	LF		8" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	42.58	7.54
22 07 19 00-0280	LF		10" Diameter Pipe, 1-1/2" Thick Polyisocyanurate Insulation	49.04	8.47
22 07 19 00-0281			2" Thick Polyisocyanurate Pipe Insulation (22 07 19 00-0264)		
22 07 19 00-0282	LF		2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	24.77	3.83
22 07 19 00-0283	LF		2-1/2" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	26.87	4.06
22 07 19 00-0284	LF		3" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	28.27	4.29
22 07 19 00-0285	LF		4" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	33.67	5.22
22 07 19 00-0286	LF		6" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	40.96	6.73
22 07 19 00-0287	LF		8" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	53.62	8.47
22 07 19 00-0288	LF		10" Diameter Pipe, 2" Thick Polyisocyanurate Insulation	56.97	9.74
22 07 19 00-0289			Flexible Polyethylene Tubing Closed Cell Foam Insulation (22 07 19) Note: UV resistant standard temperature (-90 Degree F To +212 Degree F). For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0290			3/8" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0289)		
22 07 19 00-0291	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	7.44 2.09	3.46
22 07 19 00-0292	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	7.45 2.09	3.46

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0293 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	7.76 2.16	3.59
22 07 19 00-0294 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.07 2.23	3.72
22 07 19 00-0295 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.38 2.27	3.78
22 07 19 00-0296 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.73 2.30	3.84
22 07 19 00-0297 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.88 2.31	3.84
22 07 19 00-0298 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.29 2.32	3.84
22 07 19 00-0299 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.09 2.39	3.96
22 07 19 00-0300 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.44 2.43	4.03
22 07 19 00-0301 1/2" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0289)		
22 07 19 00-0302 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.27 2.27	3.78
22 07 19 00-0303 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.37 2.28	3.78
22 07 19 00-0304 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.50 2.30	3.84
22 07 19 00-0305 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.68 2.32	3.87
22 07 19 00-0306 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.13 2.38	3.96
22 07 19 00-0307 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.50 2.41	4.03
22 07 19 00-0308 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.95 2.45	4.08
22 07 19 00-0309 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.47 2.48	4.14
22 07 19 00-0310 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.39 2.56	4.27
22 07 19 00-0311 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.36 2.60	4.33
22 07 19 00-0312 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.27 2.63	4.38
22 07 19 00-0313 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.81 2.67	4.44
22 07 19 00-0314 3/4" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0289)		
22 07 19 00-0315 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.23 2.45	4.08
22 07 19 00-0316 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.34 2.48	4.14
22 07 19 00-0317 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.96 2.56	4.27
22 07 19 00-0318 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.24 2.60	4.33
22 07 19 00-0319 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.01 2.67	4.44
22 07 19 00-0320 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.81 2.70	4.51
22 07 19 00-0321 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.17 2.72	4.53
22 07 19 00-0322 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.64 2.74	4.57
22 07 19 00-0323 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.66 2.81	4.68
22 07 19 00-0324 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.77 2.85	4.75
22 07 19 00-0325 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	17.23 2.89	4.81
22 07 19 00-0326 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	17.83 2.92	4.87
22 07 19 00-0327 1" Wall Flexible Polyethylene Tubing Foam Insulation (22 07 19 00-0289)		
22 07 19 00-0328 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.52 2.70	4.51
22 07 19 00-0329 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.80 2.74	4.57
22 07 19 00-0330 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.69 2.81	4.68
22 07 19 00-0331 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.95 2.85	4.75
22 07 19 00-0332 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.29 2.92	4.87
22 07 19 00-0333 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.96 3.00	4.99

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0334	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	14.22	5.05	
		<i>For Work In Restricted Working Space, Add</i>	3.03		
22 07 19 00-0335	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	15.52	5.11	
		<i>For Work In Restricted Working Space, Add</i>	3.07		
22 07 19 00-0336	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	16.44	5.25	
		<i>For Work In Restricted Working Space, Add</i>	3.14		
22 07 19 00-0337	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyethylene Tubing Flexible Closed Cell Foam Insulation	17.26	5.30	
		<i>For Work In Restricted Working Space, Add</i>	3.18		
22 07 19 00-0338		Flexible Elastomeric Tubing Closed Cell Foam Insulation <small>(22 07 19)</small>			
		Note: For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.			
22 07 19 00-0339		3/8" Wall Flexible Elastomeric Tubing Foam Insulation <small>(22 07 19 00-0338)</small>			
22 07 19 00-0340	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.71	3.46	
		<i>For Work In Restricted Working Space, Add</i>	2.09		
22 07 19 00-0341	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	7.84	3.46	
		<i>For Work In Restricted Working Space, Add</i>	2.09		
22 07 19 00-0342	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.15	3.59	
		<i>For Work In Restricted Working Space, Add</i>	2.16		
22 07 19 00-0343	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.34	3.65	
		<i>For Work In Restricted Working Space, Add</i>	2.19		
22 07 19 00-0344	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.53	3.72	
		<i>For Work In Restricted Working Space, Add</i>	2.23		
22 07 19 00-0345	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.80	3.78	
		<i>For Work In Restricted Working Space, Add</i>	2.27		
22 07 19 00-0346	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.03	3.84	
		<i>For Work In Restricted Working Space, Add</i>	2.30		
22 07 19 00-0347	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.27	3.84	
		<i>For Work In Restricted Working Space, Add</i>	2.31		
22 07 19 00-0348	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.47	3.84	
		<i>For Work In Restricted Working Space, Add</i>	2.32		
22 07 19 00-0349	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.69	3.90	
		<i>For Work In Restricted Working Space, Add</i>	2.34		
22 07 19 00-0350	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.00	3.96	
		<i>For Work In Restricted Working Space, Add</i>	2.38		
22 07 19 00-0351	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.26	3.96	
		<i>For Work In Restricted Working Space, Add</i>	2.39		
22 07 19 00-0352	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.45	4.03	
		<i>For Work In Restricted Working Space, Add</i>	2.41		
22 07 19 00-0353	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.73	4.03	
		<i>For Work In Restricted Working Space, Add</i>	2.43		
22 07 19 00-0354	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.32	4.08	
		<i>For Work In Restricted Working Space, Add</i>	2.45		
22 07 19 00-0355	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.00	4.14	
		<i>For Work In Restricted Working Space, Add</i>	2.48		
22 07 19 00-0356	LF	4" IPS (4-1/2" O.D.) Diameter Pipe, 3/8" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.76	4.16	
		<i>For Work In Restricted Working Space, Add</i>	2.50		
22 07 19 00-0357		1/2" Wall Flexible Elastomeric Tubing Foam Insulation <small>(22 07 19 00-0338)</small>			
22 07 19 00-0358	LF	1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.71	3.78	
		<i>For Work In Restricted Working Space, Add</i>	2.27		
22 07 19 00-0359	LF	3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.83	3.78	
		<i>For Work In Restricted Working Space, Add</i>	2.28		
22 07 19 00-0360	LF	1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	8.96	3.84	
		<i>For Work In Restricted Working Space, Add</i>	2.30		
22 07 19 00-0361	LF	5/8" I.D. (3/4" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.15	3.84	
		<i>For Work In Restricted Working Space, Add</i>	2.31		
22 07 19 00-0362	LF	3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.30	3.84	
		<i>For Work In Restricted Working Space, Add</i>	2.32		
22 07 19 00-0363	LF	1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	9.68	3.96	
		<i>For Work In Restricted Working Space, Add</i>	2.38		
22 07 19 00-0364	LF	1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.03	4.03	
		<i>For Work In Restricted Working Space, Add</i>	2.41		
22 07 19 00-0365	LF	1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.36	4.08	
		<i>For Work In Restricted Working Space, Add</i>	2.45		
22 07 19 00-0366	LF	1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.68	4.12	
		<i>For Work In Restricted Working Space, Add</i>	2.47		
22 07 19 00-0367	LF	2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	10.93	4.14	
		<i>For Work In Restricted Working Space, Add</i>	2.48		
22 07 19 00-0368	LF	2" IPS (2-3/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	11.92	4.21	
		<i>For Work In Restricted Working Space, Add</i>	2.52		
22 07 19 00-0369	LF	2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.50	4.27	
		<i>For Work In Restricted Working Space, Add</i>	2.56		
22 07 19 00-0370	LF	2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	12.95	4.30	
		<i>For Work In Restricted Working Space, Add</i>	2.58		
22 07 19 00-0371	LF	3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.33	4.33	
		<i>For Work In Restricted Working Space, Add</i>	2.60		
22 07 19 00-0372	LF	3" IPS (3-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.61	4.36	
		<i>For Work In Restricted Working Space, Add</i>	2.61		
22 07 19 00-0373	LF	3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	13.85	4.38	
		<i>For Work In Restricted Working Space, Add</i>	2.63		
22 07 19 00-0374	LF	4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation	14.97	4.44	
		<i>For Work In Restricted Working Space, Add</i>	2.67		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0375 LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.24 2.69	4.48
22 07 19 00-0376 LF 5" I.D. (5-9/16" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	16.34 2.70	4.51
22 07 19 00-0377 LF 6" IPS (6-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	17.64 2.78	4.63
22 07 19 00-0378 LF 8" IPS (8-5/8" O.D.) Diameter Pipe, 1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	19.10 2.85	4.75
22 07 19 00-0379 3/4" Wall Flexible Elastomeric Tubing Foam Insulation <small>(22 07 19 00-0338)</small>		
22 07 19 00-0380 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.02 2.45	4.08
22 07 19 00-0381 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.29 2.48	4.14
22 07 19 00-0382 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.71 2.56	4.27
22 07 19 00-0383 LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.96 2.58	4.30
22 07 19 00-0384 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.08 2.60	4.33
22 07 19 00-0385 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.69 2.67	4.44
22 07 19 00-0386 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.18 2.70	4.51
22 07 19 00-0387 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.68 2.74	4.57
22 07 19 00-0388 LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.81 2.74	4.57
22 07 19 00-0389 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.99 2.76	4.60
22 07 19 00-0390 LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.57 2.78	4.63
22 07 19 00-0391 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.89 2.81	4.68
22 07 19 00-0392 LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	14.54 2.83	4.72
22 07 19 00-0393 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.00 2.85	4.75
22 07 19 00-0394 LF 3" IPS (3-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.70 2.87	4.79
22 07 19 00-0395 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.97 2.89	4.81
22 07 19 00-0396 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	17.01 2.92	4.87
22 07 19 00-0397 LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	17.85 2.94	4.90
22 07 19 00-0398 LF 5" IPS (5-9/16" O.D.) Diameter Pipe, 3/4" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	19.25 2.96	4.92
22 07 19 00-0399 LF 6" IPS (6-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	20.74 3.00	4.99
22 07 19 00-0400 LF 8" IPS (8-5/8" O.D.) Diameter Pipe, 3/4" Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	22.53 3.07	5.11
22 07 19 00-0401 1" Wall Flexible Elastomeric Tubing Foam Insulation <small>(22 07 19 00-0338)</small>		
22 07 19 00-0402 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.73 2.70	4.50
22 07 19 00-0403 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.08 2.74	4.57
22 07 19 00-0404 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.52 2.81	4.68
22 07 19 00-0405 LF 5/8" I.D. (3/4" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.88 2.83	4.72
22 07 19 00-0406 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.21 2.85	4.75
22 07 19 00-0407 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	13.78 2.92	4.87
22 07 19 00-0408 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	14.67 3.00	4.99
22 07 19 00-0409 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.12 3.03	4.99
22 07 19 00-0410 LF 1-1/2" IPS (1-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.72 3.05	5.05
22 07 19 00-0411 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	15.94 3.07	5.11
22 07 19 00-0412 LF 2" IPS (2-3/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	17.22 3.11	5.19
22 07 19 00-0413 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	18.24 3.14	5.25
22 07 19 00-0414 LF 2-1/2" IPS (2-7/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	19.51 3.16	5.28
22 07 19 00-0415 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	19.89 3.18	5.30

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0416	LF	3"	IPS (3-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	20.55 3.20	5.34
22 07 19 00-0417	LF	3-1/2"	I.D. (3-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	20.88 3.21	5.36
22 07 19 00-0418	LF	4"	I.D. (4-1/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	23.32 3.29	5.49
22 07 19 00-0419	LF	4"	IPS (4-1/2" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	24.98 3.33	5.54
22 07 19 00-0420	LF	5"	IPS (5-9/16" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	27.42 3.36	5.60
22 07 19 00-0421	LF	6"	IPS (6-5/8" O.D.) Diameter Pipe, 1" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	30.00 3.44	5.73
22 07 19 00-0422			1-1/2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0338)		
22 07 19 00-0423	LF	3/8"	I.D. (1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	17.80 3.03	5.04
22 07 19 00-0424	LF	1/2"	I.D. (5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	18.25 3.10	5.15
22 07 19 00-0425	LF	5/8"	I.D. (3/4" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	18.63 3.11	5.19
22 07 19 00-0426	LF	3/4"	I.D. (7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	19.00 3.13	5.23
22 07 19 00-0427	LF	1"	I.D. (1-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	19.54 3.20	5.35
22 07 19 00-0428	LF	1-1/4"	I.D. (1-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	20.42 3.32	5.54
22 07 19 00-0429	LF	1-1/2"	I.D. (1-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	21.63 3.35	5.46
22 07 19 00-0430	LF	1-1/2"	IPS (1-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	22.67 3.39	5.59
22 07 19 00-0431	LF	2"	I.D. (2-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	23.33 3.44	5.73
22 07 19 00-0432	LF	2"	IPS (2-3/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	25.33 3.47	5.80
22 07 19 00-0433	LF	2-1/2"	I.D. (2-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	27.23 3.51	5.87
22 07 19 00-0434	LF	2-1/2"	IPS (2-7/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	28.13 3.53	5.89
22 07 19 00-0435	LF	3"	I.D. (3-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	29.02 3.55	5.90
22 07 19 00-0436	LF	3"	IPS (3-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	30.06 3.56	5.94
22 07 19 00-0437	LF	3-1/2"	I.D. (3-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	30.71 3.58	5.96
22 07 19 00-0438	LF	4"	I.D. (4-1/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	34.28 3.70	6.18
22 07 19 00-0439	LF	4"	IPS (4-1/2" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	36.20 3.76	6.27
22 07 19 00-0440	LF	5"	IPS (5-9/16" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	40.81 3.82	6.36
22 07 19 00-0441	LF	6"	IPS (6-5/8" O.D.) Diameter Pipe, 1-1/2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	45.41 3.94	6.56
22 07 19 00-0442			2" Wall Flexible Elastomeric Tubing Foam Insulation (22 07 19 00-0338)		
22 07 19 00-0443	LF	3/8"	I.D. (1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	25.67 3.34	5.57
22 07 19 00-0444	LF	1/2"	I.D. (5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	26.68 3.41	5.65
22 07 19 00-0445	LF	5/8"	I.D. (3/4" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	28.39 3.42	5.69
22 07 19 00-0446	LF	3/4"	I.D. (7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	28.98 3.44	5.74
22 07 19 00-0447	LF	1"	I.D. (1-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	30.44 3.51	5.86
22 07 19 00-0448	LF	1-1/4"	I.D. (1-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	32.24 3.68	6.13
22 07 19 00-0449	LF	1-1/2"	I.D. (1-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	33.30 3.70	5.98
22 07 19 00-0450	LF	1-1/2"	IPS (1-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	35.18 3.77	6.19
22 07 19 00-0451	LF	2"	I.D. (2-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	37.00 3.85	6.40
22 07 19 00-0452	LF	2"	IPS (2-3/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	38.20 3.88	6.48
22 07 19 00-0453	LF	2-1/2"	I.D. (2-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	40.69 3.92	6.56
22 07 19 00-0454	LF	2-1/2"	IPS (2-7/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	40.99 3.94	6.57
22 07 19 00-0455	LF	3"	I.D. (3-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	43.31 3.96	6.58
22 07 19 00-0456	LF	3"	IPS (3-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	44.91 3.97	6.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0457 LF 3-1/2" I.D. (3-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	46.63 3.98	6.65
22 07 19 00-0458 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	52.34 4.16	6.96
22 07 19 00-0459 LF 4" IPS (4-1/2" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	55.66 4.25	7.10
22 07 19 00-0460 LF 5" IPS (5-9/16" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	56.66 4.34	7.24
22 07 19 00-0461 LF 6" IPS (6-5/8" O.D.) Diameter Pipe, 2" Wall Flexible Elastomeric Tubing Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	63.56 4.51	7.52
22 07 19 00-0462 Flexible Polyolefin Tubing Closed Cell Foam Insulation <small>(22 07 19)</small> Note: UV stabilized, work temperature (-110 degree F to +210 degree F) 0 water vapor transmission. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-0463 3/8" Wall Flexible Polyolefin Tubing Foam Insulation <small>(22 07 19 00-0462)</small>		
22 07 19 00-0464 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	7.46 2.09	3.46
22 07 19 00-0465 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	7.54 2.09	3.46
22 07 19 00-0466 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	7.81 2.16	3.59
22 07 19 00-0467 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	8.14 2.23	3.72
22 07 19 00-0468 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	8.36 2.27	3.78
22 07 19 00-0469 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.71 2.30	3.84
22 07 19 00-0470 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	8.98 2.31	3.84
22 07 19 00-0471 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	9.17 2.32	3.96
22 07 19 00-0472 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	10.04 2.39	3.96
22 07 19 00-0473 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	10.82 2.43	4.03
22 07 19 00-0474 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/8" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	12.77 2.48	4.14
22 07 19 00-0475 1/2" Wall Flexible Polyolefin Tubing Foam Insulation <small>(22 07 19 00-0462)</small>		
22 07 19 00-0476 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	8.33 2.27	3.78
22 07 19 00-0477 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	8.42 2.28	3.78
22 07 19 00-0478 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	8.57 2.30	3.84
22 07 19 00-0479 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	8.79 2.32	3.84
22 07 19 00-0480 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	9.07 2.38	3.96
22 07 19 00-0481 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.46 2.41	4.03
22 07 19 00-0482 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	9.90 2.45	4.08
22 07 19 00-0483 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	10.31 2.48	4.14
22 07 19 00-0484 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	11.24 2.56	4.27
22 07 19 00-0485 LF 3" I.D. (3-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	12.06 2.60	4.33
22 07 19 00-0486 LF 4" I.D. (4-1/8" O.D.) Diameter Pipe, 1/2" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	13.61 2.67	4.44
22 07 19 00-0487 3/4" Wall Flexible Polyolefin Tubing Foam Insulation <small>(22 07 19 00-0462)</small>		
22 07 19 00-0488 LF 1/4" I.D. (3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	9.34 2.45	4.08
22 07 19 00-0489 LF 3/8" I.D. (1/2" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	9.64 2.48	4.14
22 07 19 00-0490 LF 1/2" I.D. (5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	10.02 2.56	4.27
22 07 19 00-0491 LF 3/4" I.D. (7/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	10.58 2.60	4.33
22 07 19 00-0492 LF 1" I.D. (1-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	11.12 2.67	4.44
22 07 19 00-0493 LF 1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.02 2.70	4.51
22 07 19 00-0494 LF 1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	12.61 2.72	4.51
22 07 19 00-0495 LF 2" I.D. (2-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	13.28 2.74	4.57
22 07 19 00-0496 LF 2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation <i>For Work In Restricted Working Space, Add</i>	14.58 2.81	4.68

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0497	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	15.75 2.85	4.75
22 07 19 00-0498	LF		4" I.D. (4-1/8" O.D.) Diameter Pipe, 3/4" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	18.00 2.92	4.87
22 07 19 00-0499			1" Wall Flexible Polyolefin Tubing Foam Insulation <small>(22 07 19 00-0462)</small>		
22 07 19 00-0500	LF		1/4" I.D. (3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	11.06 2.70	4.51
22 07 19 00-0501	LF		3/8" I.D. (1/2" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	11.23 2.74	4.57
22 07 19 00-0502	LF		1/2" I.D. (5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	11.61 2.81	4.68
22 07 19 00-0503	LF		3/4" I.D. (7/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	12.41 2.85	4.75
22 07 19 00-0504	LF		1" I.D. (1-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	13.10 2.92	4.87
22 07 19 00-0505	LF		1-1/4" I.D. (1-3/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	13.81 3.00	4.99
22 07 19 00-0506	LF		1-1/2" I.D. (1-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	14.47 3.03	4.99
22 07 19 00-0507	LF		2" I.D. (2-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	15.96 3.07	5.11
22 07 19 00-0508	LF		2-1/2" I.D. (2-5/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	17.95 3.14	5.25
22 07 19 00-0509	LF		3" I.D. (3-1/8" O.D.) Diameter Pipe, 1" Wall Polyolefin Tubing Flexible Closed Cell Foam Insulation..... <i>For Work In Restricted Working Space, Add</i>	19.37 3.18	5.30
22 07 19 00-0510			Insulation Protective Jacketing <small>(22 07 19)</small> Note: Jacketing only and to be added to insulation prices when required.		
22 07 19 00-0511			Aluminum Insulation Protective Jacketing With Bands <small>(22 07 19 00-0510)</small>		
22 07 19 00-0512			Aluminum Roll, Insulation Protective Jacketing With Bands <small>(22 07 19 00-0511)</small>		
22 07 19 00-0513	SF		0.006" Aluminum Insulation Jacket With Bands.....	17.55	7.42
22 07 19 00-0514	SF		0.010" Aluminum Insulation Jacket With Bands.....	17.89	7.42
22 07 19 00-0515	SF		0.016" Aluminum Insulation Jacket With Bands.....	18.21	7.42
22 07 19 00-0516	SF		0.020" Aluminum Insulation Jacket With Bands.....	18.50	7.42
22 07 19 00-0517	SF		0.024" Aluminum Insulation Jacket With Bands.....	18.77	7.42
22 07 19 00-0518			16 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0511)</small>		
22 07 19 00-0519	LF		1/2" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	8.85 0.00 0.01	2.10
22 07 19 00-0520	LF		3/4" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.16 0.01 0.01	2.15
22 07 19 00-0521	LF		1" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.48 0.01 0.02	2.21
22 07 19 00-0522	LF		1-1/4" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	9.83 0.01 0.02	2.27
22 07 19 00-0523	LF		1-1/2" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.08 0.01 0.02	2.30
22 07 19 00-0524	LF		1-3/4" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.34 0.01 0.03	2.33
22 07 19 00-0525	LF		2" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.65 0.01 0.03	2.38
22 07 19 00-0526	LF		2-1/4" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	10.98 0.01 0.03	2.43
22 07 19 00-0527	LF		2-1/2" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.32 0.01 0.04	2.48
22 07 19 00-0528	LF		2-3/4" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.61 0.02 0.04	2.52
22 07 19 00-0529	LF		3" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	11.97 0.02 0.04	2.58
22 07 19 00-0530	LF		3-1/4" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.32 0.02 0.04	2.64
22 07 19 00-0531	LF		3-1/2" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.68 0.02 0.05	2.70
22 07 19 00-0532	LF		3-3/4" ID, 0.016" Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.00 0.02 0.05	2.75

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0533 LF 4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.39 0.02 0.05	2.81
22 07 19 00-0534 LF 4-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.79 0.02 0.06	2.88
22 07 19 00-0535 LF 4-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.22 0.02 0.06	2.95
22 07 19 00-0536 LF 4-3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.57 0.03 0.06	3.01
22 07 19 00-0537 LF 5" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.00 0.03 0.07	3.09
22 07 19 00-0538 LF 5-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.48 0.03 0.07	3.18
22 07 19 00-0539 LF 5-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.87 0.03 0.07	3.24
22 07 19 00-0540 LF 5-3/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.37 0.03 0.08	3.33
22 07 19 00-0541 LF 6" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.89 0.03 0.08	3.43
22 07 19 00-0542 LF 6-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.22 0.03 0.08	3.48
22 07 19 00-0543 LF 6-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.56 0.03 0.08	3.54
22 07 19 00-0544 LF 7" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.12 0.04 0.09	3.62
22 07 19 00-0545 LF 7-1/4" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.58 0.04 0.09	3.72
22 07 19 00-0546 LF 7-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.94 0.04 0.10	3.78
22 07 19 00-0547 LF 8" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.44 0.04 0.10	3.84
22 07 19 00-0548 LF 8-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.94 0.04 0.11	3.90
22 07 19 00-0549 LF 9" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.58 0.05 0.11	4.00
22 07 19 00-0550 LF 9-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.12 0.05 0.12	4.07
22 07 19 00-0551 LF 10" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.65 0.05 0.13	4.14
22 07 19 00-0552 LF 10-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.20 0.05 0.13	4.22
22 07 19 00-0553 LF 11" ID, 0.0106 Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.92 0.06 0.14	4.34
22 07 19 00-0554 LF 11-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.51 0.06 0.15	4.42
22 07 19 00-0555 LF 12" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.09 0.06 0.15	4.50
22 07 19 00-0556 LF 12-1/2" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.88 0.06 0.16	4.64
22 07 19 00-0557 LF 13" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.31 0.07 0.16	4.68
22 07 19 00-0558 LF 14" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.00 0.07 0.18	4.73
22 07 19 00-0559 LF 15" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.88 0.08 0.19	4.83
22 07 19 00-0560 LF 16" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.58 0.08 0.20	4.88
22 07 19 00-0561 LF 17" ID, 0.016" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.49 0.09 0.21	4.98

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0562	LF		18" ID, 0.016" Aluminum Insulation Jacketing	29.05	5.04
			<i>For Stucco Embossed, Add</i>	0.09	
			<i>For Corrugated, Add</i>	0.22	
22 07 19 00-0563	LF		19" ID, 0.016" Aluminum Insulation Jacketing	30.14	5.16
			<i>For Stucco Embossed, Add</i>	0.10	
			<i>For Corrugated, Add</i>	0.24	
22 07 19 00-0564	LF		20" ID, 0.016" Aluminum Insulation Jacketing	30.87	5.22
			<i>For Stucco Embossed, Add</i>	0.10	
			<i>For Corrugated, Add</i>	0.25	
22 07 19 00-0565	LF		21" ID, 0.016" Aluminum Insulation Jacketing	31.85	5.34
			<i>For Stucco Embossed, Add</i>	0.11	
			<i>For Corrugated, Add</i>	0.26	
22 07 19 00-0566	LF		22" ID, 0.016" Aluminum Insulation Jacketing	32.58	5.40
			<i>For Stucco Embossed, Add</i>	0.11	
			<i>For Corrugated, Add</i>	0.28	
22 07 19 00-0567	LF		23" ID, 0.016" Aluminum Insulation Jacketing	33.59	5.52
			<i>For Stucco Embossed, Add</i>	0.12	
			<i>For Corrugated, Add</i>	0.29	
22 07 19 00-0568	LF		24" ID, 0.016" Aluminum Insulation Jacketing	34.34	5.59
			<i>For Stucco Embossed, Add</i>	0.12	
			<i>For Corrugated, Add</i>	0.30	
22 07 19 00-0569			20 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0511)</small>		
22 07 19 00-0570	LF		1/2" ID, 0.020" Aluminum Insulation Jacketing	9.79	2.32
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.01	
22 07 19 00-0571	LF		3/4" ID, 0.020" Aluminum Insulation Jacketing	10.17	2.38
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0572	LF		1" ID, 0.020" Aluminum Insulation Jacketing	10.55	2.43
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0573	LF		1-1/4" ID, 0.020" Aluminum Insulation Jacketing	10.94	2.49
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0574	LF		1-1/2" ID, 0.020" Aluminum Insulation Jacketing	11.24	2.53
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0575	LF		1-3/4" ID, 0.020" Aluminum Insulation Jacketing	11.55	2.57
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0576	LF		2" ID, 0.020" Aluminum Insulation Jacketing	11.91	2.62
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0577	LF		2-1/4" ID, 0.020" Aluminum Insulation Jacketing	12.28	2.67
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0578	LF		2-1/2" ID, 0.020" Aluminum Insulation Jacketing	12.69	2.73
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0579	LF		2-3/4" ID, 0.020" Aluminum Insulation Jacketing	13.03	2.77
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0580	LF		3" ID, 0.020" Aluminum Insulation Jacketing	13.44	2.84
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0581	LF		3-1/4" ID, 0.020" Aluminum Insulation Jacketing	13.86	2.90
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0582	LF		3-1/2" ID, 0.020" Aluminum Insulation Jacketing	14.27	2.97
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0583	LF		3-3/4" ID, 0.020" Aluminum Insulation Jacketing	14.64	3.02
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0584	LF		4" ID, 0.020" Aluminum Insulation Jacketing	15.08	3.09
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0585	LF		4-1/4" ID, 0.020" Aluminum Insulation Jacketing	15.56	3.17
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0586	LF		4-1/2" ID, 0.020" Aluminum Insulation Jacketing	16.05	3.25
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0587	LF		4-3/4" ID, 0.020" Aluminum Insulation Jacketing	16.45	3.31
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0588	LF		5" ID, 0.020" Aluminum Insulation Jacketing	16.96	3.40
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0589	LF		5-1/4" ID, 0.020" Aluminum Insulation Jacketing	17.49	3.49
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0590 LF 5-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.94 0.04 0.09	3.56
22 07 19 00-0591 LF 5-3/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.52 0.04 0.10	3.68
22 07 19 00-0592 LF 6" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.11 0.04 0.10	3.78
22 07 19 00-0593 LF 6-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.49 0.04 0.10	3.84
22 07 19 00-0594 LF 6-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.88 0.04 0.11	3.90
22 07 19 00-0595 LF 7" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.54 0.05 0.11	3.99
22 07 19 00-0596 LF 7-1/4" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.08 0.05 0.12	4.08
22 07 19 00-0597 LF 7-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.49 0.05 0.12	4.15
22 07 19 00-0598 LF 8" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.09 0.05 0.13	4.22
22 07 19 00-0599 LF 8-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.67 0.06 0.14	4.29
22 07 19 00-0600 LF 9" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.42 0.06 0.15	4.40
22 07 19 00-0601 LF 9-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.06 0.06 0.15	4.47
22 07 19 00-0602 LF 10" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.69 0.06 0.16	4.55
22 07 19 00-0603 LF 10-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.33 0.07 0.17	4.64
22 07 19 00-0604 LF 11" ID, 0.0106 Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.15 0.07 0.18	4.77
22 07 19 00-0605 LF 11-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.84 0.07 0.19	4.86
22 07 19 00-0606 LF 12" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.54 0.08 0.19	4.95
22 07 19 00-0607 LF 12-1/2" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.44 0.08 0.20	5.10
22 07 19 00-0608 LF 13" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.95 0.08 0.21	5.16
22 07 19 00-0609 LF 14" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.80 0.09 0.22	5.21
22 07 19 00-0610 LF 15" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.85 0.10 0.24	5.32
22 07 19 00-0611 LF 16" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.72 0.10 0.26	5.37
22 07 19 00-0612 LF 17" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.79 0.11 0.27	5.49
22 07 19 00-0613 LF 18" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.45 0.11 0.28	5.55
22 07 19 00-0614 LF 19" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.77 0.12 0.30	5.67
22 07 19 00-0615 LF 20" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.68 0.13 0.32	5.73
22 07 19 00-0616 LF 21" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.82 0.13 0.33	5.86
22 07 19 00-0617 LF 22" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.70 0.14 0.35	5.93
22 07 19 00-0618 LF 23" ID, 0.020" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	38.91 0.15 0.37	6.07

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0619	LF		24" ID, 0.020" Aluminum Insulation Jacketing	39.82	6.15
			<i>For Stucco Embossed, Add</i>	0.15	
			<i>For Corrugated, Add</i>	0.38	
22 07 19 00-0620			24 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0511)</small>		
22 07 19 00-0621	LF		1/2" ID, 0.024" Aluminum Insulation Jacketing	10.74	2.53
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0622	LF		3/4" ID, 0.024" Aluminum Insulation Jacketing	11.16	2.59
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0623	LF		1" ID, 0.024" Aluminum Insulation Jacketing	11.59	2.65
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.02	
22 07 19 00-0624	LF		1-1/4" ID, 0.024" Aluminum Insulation Jacketing	12.04	2.72
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0625	LF		1-1/2" ID, 0.024" Aluminum Insulation Jacketing	12.39	2.76
			<i>For Stucco Embossed, Add</i>	0.01	
			<i>For Corrugated, Add</i>	0.03	
22 07 19 00-0626	LF		1-3/4" ID, 0.024" Aluminum Insulation Jacketing	12.74	2.80
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0627	LF		2" ID, 0.024" Aluminum Insulation Jacketing	13.15	2.85
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.04	
22 07 19 00-0628	LF		2-1/4" ID, 0.024" Aluminum Insulation Jacketing	13.58	2.91
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0629	LF		2-1/2" ID, 0.024" Aluminum Insulation Jacketing	14.03	2.98
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.05	
22 07 19 00-0630	LF		2-3/4" ID, 0.024" Aluminum Insulation Jacketing	14.41	3.02
			<i>For Stucco Embossed, Add</i>	0.02	
			<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0631	LF		3" ID, 0.024" Aluminum Insulation Jacketing	14.88	3.09
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.06	
22 07 19 00-0632	LF		3-1/4" ID, 0.024" Aluminum Insulation Jacketing	15.35	3.16
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0633	LF		3-1/2" ID, 0.024" Aluminum Insulation Jacketing	15.84	3.23
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.07	
22 07 19 00-0634	LF		3-3/4" ID, 0.024" Aluminum Insulation Jacketing	16.24	3.29
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0635	LF		4" ID, 0.024" Aluminum Insulation Jacketing	16.75	3.37
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.08	
22 07 19 00-0636	LF		4-1/4" ID, 0.024" Aluminum Insulation Jacketing	17.26	3.45
			<i>For Stucco Embossed, Add</i>	0.03	
			<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0637	LF		4-1/2" ID, 0.024" Aluminum Insulation Jacketing	17.83	3.54
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.09	
22 07 19 00-0638	LF		4-3/4" ID, 0.024" Aluminum Insulation Jacketing	18.29	3.61
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0639	LF		5" ID, 0.024" Aluminum Insulation Jacketing	18.86	3.72
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0640	LF		5-1/4" ID, 0.024" Aluminum Insulation Jacketing	19.45	3.82
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0641	LF		5-1/2" ID, 0.024" Aluminum Insulation Jacketing	19.96	3.90
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0642	LF		5-3/4" ID, 0.024" Aluminum Insulation Jacketing	20.62	4.01
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0643	LF		6" ID, 0.024" Aluminum Insulation Jacketing	21.27	4.12
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0644	LF		6-1/4" ID, 0.024" Aluminum Insulation Jacketing	21.71	4.19
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0645	LF		6-1/2" ID, 0.024" Aluminum Insulation Jacketing	22.15	4.25
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.13	
22 07 19 00-0646	LF		7" ID, 0.024" Aluminum Insulation Jacketing	22.90	4.35
			<i>For Stucco Embossed, Add</i>	0.06	
			<i>For Corrugated, Add</i>	0.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0647 LF 7-1/4" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.49 0.06 0.14	4.45
22 07 19 00-0648 LF 7-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.97 0.06 0.15	4.52
22 07 19 00-0649 LF 8" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.66 0.06 0.16	4.60
22 07 19 00-0650 LF 8-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.32 0.07 0.17	4.68
22 07 19 00-0651 LF 9" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.17 0.07 0.17	4.80
22 07 19 00-0652 LF 9-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.90 0.07 0.18	4.88
22 07 19 00-0653 LF 10" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.62 0.08 0.19	4.97
22 07 19 00-0654 LF 10-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.35 0.08 0.20	5.06
22 07 19 00-0655 LF 11" ID, 0.0106 Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.29 0.08 0.21	5.21
22 07 19 00-0656 LF 11-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.07 0.09 0.22	5.30
22 07 19 00-0657 LF 12" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.86 0.09 0.23	5.41
22 07 19 00-0658 LF 12-1/2" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.87 0.10 0.24	5.57
22 07 19 00-0659 LF 13" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.47 0.10 0.25	5.62
22 07 19 00-0660 LF 14" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.46 0.11 0.27	5.68
22 07 19 00-0661 LF 15" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.67 0.11 0.29	5.80
22 07 19 00-0662 LF 16" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.68 0.12 0.31	5.86
22 07 19 00-0663 LF 17" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.92 0.13 0.32	5.98
22 07 19 00-0664 LF 18" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.69 0.13 0.34	6.05
22 07 19 00-0665 LF 19" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	39.22 0.14 0.36	6.18
22 07 19 00-0666 LF 20" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	40.27 0.15 0.38	6.25
22 07 19 00-0667 LF 21" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	41.58 0.16 0.40	6.39
22 07 19 00-0668 LF 22" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	42.62 0.17 0.42	6.47
22 07 19 00-0669 LF 23" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	43.99 0.17 0.44	6.63
22 07 19 00-0670 LF 24" ID, 0.024" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	45.05 0.18 0.46	6.71
22 07 19 00-0671 32 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0511)</small>		
22 07 19 00-0672 LF 1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.06 0.01 0.02	2.81
22 07 19 00-0673 LF 3/4" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	12.57 0.01 0.03	2.87
22 07 19 00-0674 LF 1" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.08 0.01 0.03	2.94

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0675	LF	1-1/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.62 0.02 0.04	3.01
22 07 19 00-0676	LF	1-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.04 0.02 0.05	3.05
22 07 19 00-0677	LF	1-3/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.48 0.02 0.05	3.10
22 07 19 00-0678	LF	2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.99 0.02 0.06	3.16
22 07 19 00-0679	LF	2-1/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.49 0.03 0.06	3.23
22 07 19 00-0680	LF	2-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.05 0.03 0.07	3.30
22 07 19 00-0681	LF	2-3/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.51 0.03 0.08	3.35
22 07 19 00-0682	LF	3"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.09 0.03 0.08	3.42
22 07 19 00-0683	LF	3-1/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.65 0.04 0.09	3.50
22 07 19 00-0684	LF	3-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.23 0.04 0.10	3.58
22 07 19 00-0685	LF	3-3/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.72 0.04 0.10	3.65
22 07 19 00-0686	LF	4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.32 0.04 0.11	3.74
22 07 19 00-0687	LF	4-1/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	19.94 0.05 0.12	3.84
22 07 19 00-0688	LF	4-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	20.62 0.05 0.12	3.93
22 07 19 00-0689	LF	4-3/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.17 0.05 0.13	4.01
22 07 19 00-0690	LF	5"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	21.84 0.05 0.13	4.11
22 07 19 00-0691	LF	5-1/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	22.55 0.06 0.14	4.23
22 07 19 00-0692	LF	5-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.15 0.06 0.15	4.31
22 07 19 00-0693	LF	5-3/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	23.92 0.06 0.15	4.44
22 07 19 00-0694	LF	6"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	24.69 0.06 0.16	4.57
22 07 19 00-0695	LF	6-1/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.23 0.07 0.17	4.64
22 07 19 00-0696	LF	6-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	25.75 0.07 0.17	4.71
22 07 19 00-0697	LF	7"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	26.66 0.07 0.18	4.82
22 07 19 00-0698	LF	7-1/4"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.37 0.08 0.19	4.93
22 07 19 00-0699	LF	7-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	27.94 0.08 0.20	5.01
22 07 19 00-0700	LF	8"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	28.78 0.08 0.21	5.10
22 07 19 00-0701	LF	8-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	29.60 0.09 0.22	5.19
22 07 19 00-0702	LF	9"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	30.64 0.09 0.23	5.32
22 07 19 00-0703	LF	9-1/2"	ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	31.54 0.10 0.25	5.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0704 LF 10" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	32.42 0.10 0.26	5.51
22 07 19 00-0705 LF 10-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	33.31 0.11 0.27	5.61
22 07 19 00-0706 LF 11" ID, 0.0106 Aluminum Insulation Jacketing..... <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	34.44 0.11 0.28	5.77
22 07 19 00-0707 LF 11-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	35.41 0.12 0.30	5.88
22 07 19 00-0708 LF 12" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	36.35 0.12 0.31	5.99
22 07 19 00-0709 LF 12-1/2" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	37.58 0.13 0.32	6.17
22 07 19 00-0710 LF 13" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	38.32 0.13 0.33	6.23
22 07 19 00-0711 LF 14" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	39.60 0.14 0.36	6.29
22 07 19 00-0712 LF 15" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	41.12 0.15 0.39	6.42
22 07 19 00-0713 LF 16" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	42.41 0.16 0.41	6.49
22 07 19 00-0714 LF 17" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	43.95 0.17 0.44	6.64
22 07 19 00-0715 LF 18" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	44.93 0.18 0.45	6.71
22 07 19 00-0716 LF 19" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	46.86 0.19 0.49	6.86
22 07 19 00-0717 LF 20" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	48.19 0.20 0.51	6.93
22 07 19 00-0718 LF 21" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	49.81 0.21 0.54	7.09
22 07 19 00-0719 LF 22" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	51.15 0.22 0.56	7.17
22 07 19 00-0720 LF 23" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	52.85 0.23 0.59	7.34
22 07 19 00-0721 LF 24" ID, 0.032" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	54.19 0.24 0.61	7.43
22 07 19 00-0722 40 Mil, Aluminum Insulation Protective Jacketing With Polykraft Moisture Barrier And Bands <small>(22 07 19 00-0511)</small>		
22 07 19 00-0723 LF 1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	13.96 0.01 0.03	3.22
22 07 19 00-0724 LF 3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	14.56 0.01 0.03	3.30
22 07 19 00-0725 LF 1" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.19 0.02 0.04	3.38
22 07 19 00-0726 LF 1-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	15.82 0.02 0.05	3.46
22 07 19 00-0727 LF 1-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.36 0.02 0.06	3.51
22 07 19 00-0728 LF 1-3/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	16.88 0.03 0.07	3.56
22 07 19 00-0729 LF 2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	17.48 0.03 0.07	3.63
22 07 19 00-0730 LF 2-1/4" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.09 0.03 0.08	3.72
22 07 19 00-0731 LF 2-1/2" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	18.76 0.04 0.09	3.80

22 Plumbing**22 07 Plumbing Insulation****22 07 19 Plumbing Piping Insulation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0732	LF		2-3/4" ID, 0.040" Aluminum Insulation Jacketing	19.32	3.86
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.10	
22 07 19 00-0733	LF		3" ID, 0.040" Aluminum Insulation Jacketing	20.01	3.95
			<i>For Stucco Embossed, Add</i>	0.04	
			<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0734	LF		3-1/4" ID, 0.040" Aluminum Insulation Jacketing	20.68	4.03
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.11	
22 07 19 00-0735	LF		3-1/2" ID, 0.040" Aluminum Insulation Jacketing	21.36	4.13
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.12	
22 07 19 00-0736	LF		3-3/4" ID, 0.040" Aluminum Insulation Jacketing	21.96	4.20
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.13	
22 07 19 00-0737	LF		4" ID, 0.040" Aluminum Insulation Jacketing	22.70	4.30
			<i>For Stucco Embossed, Add</i>	0.05	
			<i>For Corrugated, Add</i>	0.14	
22 07 19 00-0738	LF		4-1/4" ID, 0.040" Aluminum Insulation Jacketing	23.43	4.41
			<i>For Stucco Embossed, Add</i>	0.06	
			<i>For Corrugated, Add</i>	0.15	
22 07 19 00-0739	LF		4-1/2" ID, 0.040" Aluminum Insulation Jacketing	24.23	4.52
			<i>For Stucco Embossed, Add</i>	0.06	
			<i>For Corrugated, Add</i>	0.15	
22 07 19 00-0740	LF		4-3/4" ID, 0.040" Aluminum Insulation Jacketing	24.90	4.61
			<i>For Stucco Embossed, Add</i>	0.06	
			<i>For Corrugated, Add</i>	0.16	
22 07 19 00-0741	LF		5" ID, 0.040" Aluminum Insulation Jacketing	25.70	4.73
			<i>For Stucco Embossed, Add</i>	0.07	
			<i>For Corrugated, Add</i>	0.17	
22 07 19 00-0742	LF		5-1/4" ID, 0.040" Aluminum Insulation Jacketing	26.52	4.86
			<i>For Stucco Embossed, Add</i>	0.07	
			<i>For Corrugated, Add</i>	0.18	
22 07 19 00-0743	LF		5-1/2" ID, 0.040" Aluminum Insulation Jacketing	27.25	4.96
			<i>For Stucco Embossed, Add</i>	0.07	
			<i>For Corrugated, Add</i>	0.18	
22 07 19 00-0744	LF		5-3/4" ID, 0.040" Aluminum Insulation Jacketing	28.16	5.10
			<i>For Stucco Embossed, Add</i>	0.08	
			<i>For Corrugated, Add</i>	0.19	
22 07 19 00-0745	LF		6" ID, 0.040" Aluminum Insulation Jacketing	29.07	5.26
			<i>For Stucco Embossed, Add</i>	0.08	
			<i>For Corrugated, Add</i>	0.20	
22 07 19 00-0746	LF		6-1/4" ID, 0.040" Aluminum Insulation Jacketing	29.71	5.34
			<i>For Stucco Embossed, Add</i>	0.08	
			<i>For Corrugated, Add</i>	0.21	
22 07 19 00-0747	LF		6-1/2" ID, 0.040" Aluminum Insulation Jacketing	30.35	5.42
			<i>For Stucco Embossed, Add</i>	0.09	
			<i>For Corrugated, Add</i>	0.22	
22 07 19 00-0748	LF		7" ID, 0.040" Aluminum Insulation Jacketing	31.44	5.55
			<i>For Stucco Embossed, Add</i>	0.09	
			<i>For Corrugated, Add</i>	0.23	
22 07 19 00-0749	LF		7-1/4" ID, 0.040" Aluminum Insulation Jacketing	32.28	5.68
			<i>For Stucco Embossed, Add</i>	0.10	
			<i>For Corrugated, Add</i>	0.24	
22 07 19 00-0750	LF		7-1/2" ID, 0.040" Aluminum Insulation Jacketing	32.96	5.77
			<i>For Stucco Embossed, Add</i>	0.10	
			<i>For Corrugated, Add</i>	0.25	
22 07 19 00-0751	LF		8" ID, 0.040" Aluminum Insulation Jacketing	33.98	5.87
			<i>For Stucco Embossed, Add</i>	0.11	
			<i>For Corrugated, Add</i>	0.26	
22 07 19 00-0752	LF		8-1/2" ID, 0.040" Aluminum Insulation Jacketing	34.98	5.96
			<i>For Stucco Embossed, Add</i>	0.11	
			<i>For Corrugated, Add</i>	0.28	
22 07 19 00-0753	LF		9" ID, 0.040" Aluminum Insulation Jacketing	36.22	6.12
			<i>For Stucco Embossed, Add</i>	0.12	
			<i>For Corrugated, Add</i>	0.29	
22 07 19 00-0754	LF		9-1/2" ID, 0.040" Aluminum Insulation Jacketing	37.31	6.22
			<i>For Stucco Embossed, Add</i>	0.12	
			<i>For Corrugated, Add</i>	0.31	
22 07 19 00-0755	LF		10" ID, 0.040" Aluminum Insulation Jacketing	38.37	6.33
			<i>For Stucco Embossed, Add</i>	0.13	
			<i>For Corrugated, Add</i>	0.33	
22 07 19 00-0756	LF		10-1/2" ID, 0.040" Aluminum Insulation Jacketing	39.47	6.45
			<i>For Stucco Embossed, Add</i>	0.14	
			<i>For Corrugated, Add</i>	0.34	
22 07 19 00-0757	LF		11" ID, 0.0106 Aluminum Insulation Jacketing	40.81	6.64
			<i>For Stucco Embossed, Add</i>	0.14	
			<i>For Corrugated, Add</i>	0.36	
22 07 19 00-0758	LF		11-1/2" ID, 0.040" Aluminum Insulation Jacketing	41.97	6.76
			<i>For Stucco Embossed, Add</i>	0.15	
			<i>For Corrugated, Add</i>	0.37	
22 07 19 00-0759	LF		12" ID, 0.040" Aluminum Insulation Jacketing	43.12	6.89
			<i>For Stucco Embossed, Add</i>	0.16	
			<i>For Corrugated, Add</i>	0.39	
22 07 19 00-0760	LF		12-1/2" ID, 0.040" Aluminum Insulation Jacketing	44.57	7.10
			<i>For Stucco Embossed, Add</i>	0.16	
			<i>For Corrugated, Add</i>	0.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0761 LF 13" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	45.49 0.17 0.42	7.17
22 07 19 00-0762 LF 14" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	47.06 0.18 0.45	7.24
22 07 19 00-0763 LF 15" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	48.91 0.19 0.48	7.39
22 07 19 00-0764 LF 16" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	50.50 0.21 0.52	7.47
22 07 19 00-0765 LF 17" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	52.39 0.22 0.55	7.63
22 07 19 00-0766 LF 18" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	53.57 0.23 0.57	7.71
22 07 19 00-0767 LF 19" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	55.94 0.24 0.61	7.88
22 07 19 00-0768 LF 20" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	57.58 0.26 0.64	7.97
22 07 19 00-0769 LF 21" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	59.55 0.27 0.67	8.16
22 07 19 00-0770 LF 22" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	61.18 0.28 0.70	8.26
22 07 19 00-0771 LF 23" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	63.24 0.29 0.74	8.45
22 07 19 00-0772 LF 24" ID, 0.040" Aluminum Insulation Jacketing <i>For Stucco Embossed, Add</i> <i>For Corrugated, Add</i>	64.90 0.31 0.77	8.55

22 07 19 00-0773 Aluminum Insulation Protective Jacketing For Fittings (22 07 19 00-0511)

22 07 19 00-0774 EA 1-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.42	3.31
22 07 19 00-0775 EA 1-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	19.91	3.43
22 07 19 00-0776 EA 2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	22.04	3.56
22 07 19 00-0777 EA 2-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.27	3.62
22 07 19 00-0778 EA 2-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.49	3.69
22 07 19 00-0779 EA 2-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	22.85	3.78
22 07 19 00-0780 EA 3" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	23.89	3.87
22 07 19 00-0781 EA 3-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	24.28	3.97
22 07 19 00-0782 EA 3-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	26.08	4.04
22 07 19 00-0783 EA 3-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	26.63	4.11
22 07 19 00-0784 EA 4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	27.55	4.22
22 07 19 00-0785 EA 4-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.17	4.30
22 07 19 00-0786 EA 4-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.49	4.38
22 07 19 00-0787 EA 4-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	28.83	4.46
22 07 19 00-0788 EA 5" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	30.58	4.55
22 07 19 00-0789 EA 5-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	32.85	4.64
22 07 19 00-0790 EA 5-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	36.93	4.78
22 07 19 00-0791 EA 5-3/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	37.33	4.88
22 07 19 00-0792 EA 6" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	35.35	5.04
22 07 19 00-0793 EA 6-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	35.79	5.16
22 07 19 00-0794 EA 6-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	39.61	5.34
22 07 19 00-0795 EA 7" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	44.02	5.46
22 07 19 00-0796 EA 7-1/4" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	44.28	5.52
22 07 19 00-0797 EA 7-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	54.98	5.59
22 07 19 00-0798 EA 8" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	46.95	5.66
22 07 19 00-0799 EA 8-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	68.15	5.80
22 07 19 00-0800 EA 9" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	68.74	5.95
22 07 19 00-0801 EA 9-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	57.16	6.02
22 07 19 00-0802 EA 10" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	57.49	6.10
22 07 19 00-0803 EA 10-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	58.53	6.18
22 07 19 00-0804 EA 11" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	58.86	6.27
22 07 19 00-0805 EA 11-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	64.18	6.44
22 07 19 00-0806 EA 12" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	64.54	6.53
22 07 19 00-0807 EA 12-1/2" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing	95.24	6.73
22 07 19 00-0808 EA 13" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	95.65	6.82
22 07 19 00-0809 EA 14" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	119.78	7.03
22 07 19 00-0810 EA 15" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	124.83	7.25
22 07 19 00-0811 EA 16" ID, Aluminum 90 Degree LR Elbow Insulation Jacketing.....	134.00	7.36
22 07 19 00-0812 EA 2-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	21.13	3.69
22 07 19 00-0813 EA 2-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	21.49	3.78
22 07 19 00-0814 EA 3" ID, Aluminum 45 Degree Elbow Insulation Jacketing	22.72	3.87
22 07 19 00-0815 EA 3-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	23.11	3.97
22 07 19 00-0816 EA 3-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	24.40	4.04
22 07 19 00-0817 EA 3-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	24.69	4.11
22 07 19 00-0818 EA 4" ID, Aluminum 45 Degree Elbow Insulation Jacketing.....	25.27	4.22

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0819	EA	4-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	26.77	4.30
22 07 19 00-0820	EA	4-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.09	4.38
22 07 19 00-0821	EA	4-3/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	27.43	4.46
22 07 19 00-0822	EA	5" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.45	4.55
22 07 19 00-0823	EA	5-1/4" ID, Aluminum 45 Degree Elbow Insulation Jacketing	29.82	4.64
22 07 19 00-0824	EA	5-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	30.94	4.78
22 07 19 00-0825	EA	6" ID, Aluminum 45 Degree Elbow Insulation Jacketing	31.98	5.04
22 07 19 00-0826	EA	6-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	37.64	5.34
22 07 19 00-0827	EA	7" ID, Aluminum 45 Degree Elbow Insulation Jacketing	38.14	5.46
22 07 19 00-0828	EA	7-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	38.81	5.59
22 07 19 00-0829	EA	8" ID, Aluminum 45 Degree Elbow Insulation Jacketing	39.08	5.66
22 07 19 00-0830	EA	8-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	43.66	5.80
22 07 19 00-0831	EA	9" ID, Aluminum 45 Degree Elbow Insulation Jacketing	44.25	5.95
22 07 19 00-0832	EA	9-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.51	6.02
22 07 19 00-0833	EA	10" ID, Aluminum 45 Degree Elbow Insulation Jacketing	52.84	6.10
22 07 19 00-0834	EA	10-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	51.32	6.18
22 07 19 00-0835	EA	11" ID, Aluminum 45 Degree Elbow Insulation Jacketing	51.65	6.27
22 07 19 00-0836	EA	11-1/2" ID, Aluminum 45 Degree Elbow Insulation Jacketing	57.70	6.44
22 07 19 00-0837	EA	12" ID, Aluminum 45 Degree Elbow Insulation Jacketing	58.06	6.53
22 07 19 00-0838	EA	13" ID, Aluminum 45 Degree Elbow Insulation Jacketing	64.77	6.82
22 07 19 00-0839	EA	14" ID, Aluminum 45 Degree Elbow Insulation Jacketing	74.10	7.03
22 07 19 00-0840	EA	15" ID, Aluminum 45 Degree Elbow Insulation Jacketing	99.84	7.25
22 07 19 00-0841	EA	16" ID, Aluminum 45 Degree Elbow Insulation Jacketing	106.26	7.36
22 07 19 00-0842	EA	17" ID, Aluminum 45 Degree Elbow Insulation Jacketing	104.92	7.48
22 07 19 00-0843	EA	18" ID, Aluminum 45 Degree Elbow Insulation Jacketing	115.97	7.60
22 07 19 00-0844	EA	19" ID, Aluminum 45 Degree Elbow Insulation Jacketing	135.42	7.73
22 07 19 00-0845	EA	20" ID, Aluminum 45 Degree Elbow Insulation Jacketing	132.51	7.86
22 07 19 00-0846	EA	21" ID, Aluminum 45 Degree Elbow Insulation Jacketing	141.10	7.99
22 07 19 00-0847	EA	2-1/2" ID, Aluminum Tee Insulation Jacketing	65.12	5.27
22 07 19 00-0848	EA	2-3/4" ID, Aluminum Tee Insulation Jacketing	65.62	5.40
22 07 19 00-0849	EA	3" ID, Aluminum Tee Insulation Jacketing	71.85	5.52
22 07 19 00-0850	EA	3-1/4" ID, Aluminum Tee Insulation Jacketing	72.38	5.66
22 07 19 00-0851	EA	3-1/2" ID, Aluminum Tee Insulation Jacketing	75.33	5.80
22 07 19 00-0852	EA	4" ID, Aluminum Tee Insulation Jacketing	76.49	5.95
22 07 19 00-0853	EA	4-1/4" ID, Aluminum Tee Insulation Jacketing	80.17	6.10
22 07 19 00-0854	EA	4-1/2" ID, Aluminum Tee Insulation Jacketing	80.36	6.27
22 07 19 00-0855	EA	4-3/4" ID, Aluminum Tee Insulation Jacketing	81.06	6.44
22 07 19 00-0856	EA	5" ID, Aluminum Tee Insulation Jacketing	83.86	6.63
22 07 19 00-0857	EA	5-1/4" ID, Aluminum Tee Insulation Jacketing	84.65	6.82
22 07 19 00-0858	EA	5-1/2" ID, Aluminum Tee Insulation Jacketing	88.01	7.03
22 07 19 00-0859	EA	6" ID, Aluminum Tee Insulation Jacketing	88.89	7.25
22 07 19 00-0860	EA	6-1/2" ID, Aluminum Tee Insulation Jacketing	96.71	7.73
22 07 19 00-0861	EA	7" ID, Aluminum Tee Insulation Jacketing	97.78	7.99
22 07 19 00-0862	EA	7-1/2" ID, Aluminum Tee Insulation Jacketing	106.29	8.29
22 07 19 00-0863	EA	8" ID, Aluminum Tee Insulation Jacketing	107.51	8.59
22 07 19 00-0864	EA	8-1/2" ID, Aluminum Tee Insulation Jacketing	110.77	8.92
22 07 19 00-0865	EA	9" ID, Aluminum Tee Insulation Jacketing	112.19	9.27
22 07 19 00-0866	EA	9-1/2" ID, Aluminum Tee Insulation Jacketing	93.60	9.46
22 07 19 00-0867	EA	10" ID, Aluminum Tee Insulation Jacketing	94.38	9.67
22 07 19 00-0868	EA	10-1/2" ID, Aluminum Tee Insulation Jacketing	98.84	9.87
22 07 19 00-0869	EA	11" ID, Aluminum Tee Insulation Jacketing	99.70	10.08
22 07 19 00-0870	EA	11-1/2" ID, Aluminum Tee Insulation Jacketing	103.83	10.31
22 07 19 00-0871	EA	12" ID, Aluminum Tee Insulation Jacketing	104.77	10.54
22 07 19 00-0872	EA	13" ID, Aluminum Tee Insulation Jacketing	108.86	10.78
22 07 19 00-0873	EA	14" ID, Aluminum Tee Insulation Jacketing	113.11	11.05
22 07 19 00-0874	EA	15" ID, Aluminum Tee Insulation Jacketing	119.81	11.32
22 07 19 00-0875	EA	16" ID, Aluminum Tee Insulation Jacketing	122.82	11.60
22 07 19 00-0876	EA	17" ID, Aluminum Tee Insulation Jacketing	135.44	11.89
22 07 19 00-0877	EA	18" ID, Aluminum Tee Insulation Jacketing	140.11	12.20
22 07 19 00-0878	EA	19" ID, Aluminum Tee Insulation Jacketing	151.10	12.54
22 07 19 00-0879	EA	20" ID, Aluminum Tee Insulation Jacketing	154.69	12.89
22 07 19 00-0880	EA	22" ID, Aluminum Tee Insulation Jacketing	184.24	13.25
22 07 19 00-0881	EA	23" ID, Aluminum Tee Insulation Jacketing	189.45	13.64
22 07 19 00-0882	EA	24" ID, Aluminum Tee Insulation Jacketing	198.24	14.96
22 07 19 00-0883		Stainless Steel Insulation Protective Jacketing With Bands (22 07 19 00-0510)		
22 07 19 00-0884		Type 304 Stainless Steel Roll, Insulation Protective Jacketing With Bands (22 07 19 00-0883)		
22 07 19 00-0885	SF	0.010" Stainless Steel Insulation Jacket With Bands	22.16	8.70
22 07 19 00-0886	SF	0.016" Stainless Steel Insulation Jacket With Bands	27.30	10.44
22 07 19 00-0887		10 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands (22 07 19 00-0883)		
22 07 19 00-0888	LF	2-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	11.32	1.85
22 07 19 00-0889	LF	2-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	11.81	1.89
22 07 19 00-0890	LF	3" ID, 0.010" Stainless Steel Insulation Jacketing	12.32	1.93
22 07 19 00-0891	LF	3-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	12.83	1.97
22 07 19 00-0892	LF	3-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	13.36	2.01
22 07 19 00-0893	LF	3-3/4" ID, 0.010" Stainless Steel Insulation Jacketing	13.88	2.06
22 07 19 00-0894	LF	4" ID, 0.010" Stainless Steel Insulation Jacketing	14.42	2.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0895 LF 4-1/4" ID, 0.010" Stainless Steel Insulation Jacketing	14.95	2.15
22 07 19 00-0896 LF 4-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	15.50	2.21
22 07 19 00-0897 LF 5" ID, 0.010" Stainless Steel Insulation Jacketing	16.64	2.32
22 07 19 00-0898 LF 5-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	17.83	2.44
22 07 19 00-0899 LF 6" ID, 0.010" Stainless Steel Insulation Jacketing	19.05	2.58
22 07 19 00-0900 LF 6-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	20.03	2.65
22 07 19 00-0901 LF 7" ID, 0.010" Stainless Steel Insulation Jacketing	21.05	2.73
22 07 19 00-0902 LF 7-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	22.14	2.83
22 07 19 00-0903 LF 8" ID, 0.010" Stainless Steel Insulation Jacketing	23.04	2.88
22 07 19 00-0904 LF 8-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	23.94	2.94
22 07 19 00-0905 LF 9" ID, 0.010" Stainless Steel Insulation Jacketing	24.87	2.99
22 07 19 00-0906 LF 9-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	25.79	3.05
22 07 19 00-0907 LF 10" ID, 0.010" Stainless Steel Insulation Jacketing	26.74	3.11
22 07 19 00-0908 LF 10-1/2" ID, 0.010" Stainless Steel Insulation Jacketing	27.69	3.18
22 07 19 00-0909 LF 11" ID, 0.010" Stainless Steel Insulation Jacketing	28.65	3.24
22 07 19 00-0910 LF 12" ID, 0.010" Stainless Steel Insulation Jacketing	30.59	3.38
22 07 19 00-0911 LF 13" ID, 0.010" Stainless Steel Insulation Jacketing	32.50	3.51
22 07 19 00-0912 LF 14" ID, 0.010" Stainless Steel Insulation Jacketing	34.09	3.56

22 07 19 00-0913 16 Mil, Type 304 Stainless Steel, Insulation Protective Jacketing With Moisture Barrier And Bands (22 07 19 00-0883)

22 07 19 00-0914 LF 2-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	15.52	2.47
22 07 19 00-0915 LF 2-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	16.22	2.52
22 07 19 00-0916 LF 3" ID, 0.016" Stainless Steel Insulation Jacketing	16.93	2.57
22 07 19 00-0917 LF 3-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	17.67	2.63
22 07 19 00-0918 LF 3-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	18.40	2.68
22 07 19 00-0919 LF 3-3/4" ID, 0.016" Stainless Steel Insulation Jacketing	19.13	2.74
22 07 19 00-0920 LF 4" ID, 0.016" Stainless Steel Insulation Jacketing	19.89	2.81
22 07 19 00-0921 LF 4-1/4" ID, 0.016" Stainless Steel Insulation Jacketing	20.65	2.87
22 07 19 00-0922 LF 4-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	21.41	2.94
22 07 19 00-0923 LF 5" ID, 0.016" Stainless Steel Insulation Jacketing	23.01	3.08
22 07 19 00-0924 LF 5-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	24.67	3.24
22 07 19 00-0925 LF 6" ID, 0.016" Stainless Steel Insulation Jacketing	26.39	3.42
22 07 19 00-0926 LF 6-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	27.78	3.52
22 07 19 00-0927 LF 7" ID, 0.016" Stainless Steel Insulation Jacketing	29.22	3.62
22 07 19 00-0928 LF 7-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	30.73	3.77
22 07 19 00-0929 LF 8" ID, 0.016" Stainless Steel Insulation Jacketing	32.01	3.84
22 07 19 00-0930 LF 8-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	33.31	3.91
22 07 19 00-0931 LF 9" ID, 0.016" Stainless Steel Insulation Jacketing	34.63	3.98
22 07 19 00-0932 LF 9-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	35.94	4.06
22 07 19 00-0933 LF 10" ID, 0.016" Stainless Steel Insulation Jacketing	37.27	4.14
22 07 19 00-0934 LF 10-1/2" ID, 0.016" Stainless Steel Insulation Jacketing	38.64	4.23
22 07 19 00-0935 LF 11" ID, 0.016" Stainless Steel Insulation Jacketing	39.98	4.31
22 07 19 00-0936 LF 12" ID, 0.016" Stainless Steel Insulation Jacketing	42.73	4.50
22 07 19 00-0937 LF 13" ID, 0.016" Stainless Steel Insulation Jacketing	45.44	4.67
22 07 19 00-0938 LF 14" ID, 0.016" Stainless Steel Insulation Jacketing	47.71	4.74

22 07 19 00-0939 Type 316 Stainless Steel Insulation Protective Jacketing For Fittings (22 07 19 00-0883)

22 07 19 00-0940 EA 2-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	31.93	3.69
22 07 19 00-0941 EA 2-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	32.29	3.78
22 07 19 00-0942 EA 3" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.47	3.87
22 07 19 00-0943 EA 3-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	33.86	3.97
22 07 19 00-0944 EA 3-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	35.04	4.04
22 07 19 00-0945 EA 3-3/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	36.40	4.11
22 07 19 00-0946 EA 4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	38.83	4.22
22 07 19 00-0947 EA 4-1/4" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	46.37	4.30
22 07 19 00-0948 EA 4-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	46.69	4.38
22 07 19 00-0949 EA 5" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	48.06	4.55
22 07 19 00-0950 EA 5-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	63.65	4.78
22 07 19 00-0951 EA 6" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	69.04	5.04
22 07 19 00-0952 EA 6-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	88.60	5.34
22 07 19 00-0953 EA 7" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	89.10	5.46
22 07 19 00-0954 EA 7-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	100.90	5.59
22 07 19 00-0955 EA 8" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	101.74	5.80
22 07 19 00-0956 EA 8-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	104.41	5.80
22 07 19 00-0957 EA 9" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	147.32	5.95
22 07 19 00-0958 EA 9-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	145.48	6.02
22 07 19 00-0959 EA 10" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	145.81	6.10
22 07 19 00-0960 EA 10-1/2" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	169.98	6.18
22 07 19 00-0961 EA 11" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	163.72	6.27
22 07 19 00-0962 EA 12" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	183.53	6.53
22 07 19 00-0963 EA 13" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	245.37	6.82
22 07 19 00-0964 EA 14" ID, Stainless Steel 90 Degree LR Elbow Insulation Jacketing	247.66	7.03
22 07 19 00-0965 EA 2-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	29.07	3.69
22 07 19 00-0966 EA 2-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	29.43	3.78
22 07 19 00-0967 EA 3" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	30.91	3.87
22 07 19 00-0968 EA 3-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	31.30	3.97
22 07 19 00-0969 EA 3-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	31.76	4.04
22 07 19 00-0970 EA 3-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	32.05	4.11

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-0971	EA	4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	36.96	4.22
22 07 19 00-0972	EA	4-1/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	45.38	4.30
22 07 19 00-0973	EA	4-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	45.70	4.38
22 07 19 00-0974	EA	4-3/4" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	46.04	4.46
22 07 19 00-0975	EA	5" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	46.87	4.55
22 07 19 00-0976	EA	5-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	47.81	4.78
22 07 19 00-0977	EA	6" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	54.20	5.04
22 07 19 00-0978	EA	6-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	55.36	5.34
22 07 19 00-0979	EA	7" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	79.41	5.46
22 07 19 00-0980	EA	7-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	81.11	5.59
22 07 19 00-0981	EA	8" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	81.38	5.66
22 07 19 00-0982	EA	8-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	91.95	5.80
22 07 19 00-0983	EA	9" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	92.54	5.95
22 07 19 00-0984	EA	9-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	104.82	6.02
22 07 19 00-0985	EA	10" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	105.15	6.10
22 07 19 00-0986	EA	10-1/2" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing	121.76	6.18
22 07 19 00-0987	EA	11" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	122.09	6.27
22 07 19 00-0988	EA	12" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	131.49	6.53
22 07 19 00-0989	EA	13" ID, Stainless Steel 45 Degree Elbow Insulation Jacketing.....	151.27	6.82
22 07 19 00-0990		Polyvinyl Chloride (PVC) Insulation Protective Jacketing <small>(22 07 19 00-0510)</small>		
22 07 19 00-0991		20 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing <small>(22 07 19 00-0990)</small>		
22 07 19 00-0992	LF	1-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	8.55	1.72
22 07 19 00-0993	LF	2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	9.38	1.78
22 07 19 00-0994	LF	2-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	10.08	1.85
22 07 19 00-0995	LF	3" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	10.95	1.93
22 07 19 00-0996	LF	3-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	11.71	2.01
22 07 19 00-0997	LF	4" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	12.57	2.10
22 07 19 00-0998	LF	4-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	13.45	2.21
22 07 19 00-0999	LF	5" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	14.31	2.32
22 07 19 00-1000	LF	5-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	15.30	2.44
22 07 19 00-1001	LF	6" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	16.33	2.58
22 07 19 00-1002	LF	6-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	17.11	2.65
22 07 19 00-1003	LF	7" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	17.84	2.73
22 07 19 00-1004	LF	7-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	18.81	2.83
22 07 19 00-1005	LF	8" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	19.44	2.88
22 07 19 00-1006	LF	8-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	20.14	2.94
22 07 19 00-1007	LF	9" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	20.86	2.99
22 07 19 00-1008	LF	9-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	21.58	3.05
22 07 19 00-1009	LF	10" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	22.26	3.11
22 07 19 00-1010	LF	10-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	23.00	3.18
22 07 19 00-1011	LF	11" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	23.76	3.24
22 07 19 00-1012	LF	11-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	24.52	3.31
22 07 19 00-1013	LF	12" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	25.23	3.38
22 07 19 00-1014	LF	12-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	26.09	3.46
22 07 19 00-1015	LF	13" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing.....	26.72	3.51
22 07 19 00-1016	LF	13-1/2" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	27.21	3.51
22 07 19 00-1017	LF	14" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	27.91	3.56
22 07 19 00-1018	LF	15" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	29.12	3.62
22 07 19 00-1019	LF	16" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	30.25	3.69
22 07 19 00-1020	LF	17" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	31.47	3.75
22 07 19 00-1021	LF	18" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	32.69	3.81
22 07 19 00-1022	LF	19" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	33.87	3.87
22 07 19 00-1023	LF	20" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	35.11	3.93
22 07 19 00-1024	LF	21" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	36.28	4.00
22 07 19 00-1025	LF	22" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	37.54	4.07
22 07 19 00-1026	LF	23" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	38.74	4.14
22 07 19 00-1027	LF	24" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	40.03	4.22
22 07 19 00-1028	LF	25" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	41.32	4.30
22 07 19 00-1029	LF	26" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	42.55	4.38
22 07 19 00-1030	LF	27" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	43.87	4.46
22 07 19 00-1031	LF	28" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	45.13	4.55
22 07 19 00-1032	LF	29" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	46.48	4.64
22 07 19 00-1033	LF	30" ID, 0.02" Polyvinyl Chloride (PVC) Insulation Jacketing	47.83	4.73
22 07 19 00-1034		30 Mil Polyvinyl Chloride (PVC) Insulation Protective Jacketing <small>(22 07 19 00-0990)</small>		
22 07 19 00-1035	LF	2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	10.43	1.78
22 07 19 00-1036	LF	2-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	11.41	1.85
22 07 19 00-1037	LF	3" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	12.49	1.93
22 07 19 00-1038	LF	3-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	13.46	2.01
22 07 19 00-1039	LF	4" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	14.53	2.10
22 07 19 00-1040	LF	4-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	15.62	2.21
22 07 19 00-1041	LF	5" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	16.76	2.32
22 07 19 00-1042	LF	5-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	17.96	2.44
22 07 19 00-1043	LF	6" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	19.20	2.58
22 07 19 00-1044	LF	6-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	20.19	2.65
22 07 19 00-1045	LF	7" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	21.20	2.73
22 07 19 00-1046	LF	7-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	22.38	2.83
22 07 19 00-1047	LF	8" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing.....	23.29	2.88

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1048 LF 8-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	24.20	2.94
22 07 19 00-1049 LF 9" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	25.12	2.99
22 07 19 00-1050 LF 9-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	26.05	3.05
22 07 19 00-1051 LF 10" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.01	3.11
22 07 19 00-1052 LF 10-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	27.96	3.18
22 07 19 00-1053 LF 11" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	28.93	3.24
22 07 19 00-1054 LF 11-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	29.90	3.31
22 07 19 00-1055 LF 12" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	30.89	3.38
22 07 19 00-1056 LF 12-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	31.96	3.46
22 07 19 00-1057 LF 13" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	32.88	3.51
22 07 19 00-1058 LF 13-1/2" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	33.58	3.51
22 07 19 00-1059 LF 14" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	34.49	3.56
22 07 19 00-1060 LF 15" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	36.12	3.62
22 07 19 00-1061 LF 16" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	37.74	3.69
22 07 19 00-1062 LF 17" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	39.38	3.75
22 07 19 00-1063 LF 18" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	41.09	3.81
22 07 19 00-1064 LF 19" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	42.76	3.87
22 07 19 00-1065 LF 20" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	44.42	3.93
22 07 19 00-1066 LF 21" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	46.08	4.00
22 07 19 00-1067 LF 22" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	47.76	4.07
22 07 19 00-1068 LF 23" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	49.45	4.14
22 07 19 00-1069 LF 24" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	51.16	4.22
22 07 19 00-1070 LF 25" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	52.94	4.30
22 07 19 00-1071 LF 26" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	54.66	4.38
22 07 19 00-1072 LF 27" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	56.39	4.46
22 07 19 00-1073 LF 28" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	58.14	4.55
22 07 19 00-1074 LF 29" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	59.91	4.64
22 07 19 00-1075 LF 30" ID, 0.03" Polyvinyl Chloride (PVC) Insulation Jacketing	61.68	4.73

22 07 19 00-1076

Polyvinyl Chloride (PVC) Insulation Protective Jacketing For Fittings (22 07 19 00-0990)

22 07 19 00-1077 EA 1-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	17.59	3.43
22 07 19 00-1078 EA 2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.03	3.56
22 07 19 00-1079 EA 2-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	19.82	3.62
22 07 19 00-1080 EA 2-1/2" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	20.60	3.69
22 07 19 00-1081 EA 2-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	21.45	3.78
22 07 19 00-1082 EA 3" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	22.19	3.87
22 07 19 00-1083 EA 3-3/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	23.62	4.00
22 07 19 00-1084 EA 3-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	24.96	4.11
22 07 19 00-1085 EA 4-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	27.65	4.22
22 07 19 00-1086 EA 4-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	30.68	4.42
22 07 19 00-1087 EA 5-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	33.74	4.64
22 07 19 00-1088 EA 5-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	39.54	4.88
22 07 19 00-1089 EA 6-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	53.99	5.16
22 07 19 00-1090 EA 6-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	56.46	5.34
22 07 19 00-1091 EA 7-1/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	65.84	5.46
22 07 19 00-1092 EA 7-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	68.53	5.59
22 07 19 00-1093 EA 8-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	82.60	5.80
22 07 19 00-1094 EA 9-3/4" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	103.44	6.02
22 07 19 00-1095 EA 10-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	113.65	6.27
22 07 19 00-1096 EA 11-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	127.66	6.53
22 07 19 00-1097 EA 12-7/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	155.48	6.82
22 07 19 00-1098 EA 14-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	174.63	7.03
22 07 19 00-1099 EA 15-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	186.43	7.25
22 07 19 00-1100 EA 16-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	201.30	7.36
22 07 19 00-1101 EA 17-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	220.59	7.48
22 07 19 00-1102 EA 18-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	276.37	7.60
22 07 19 00-1103 EA 19-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	364.83	7.73
22 07 19 00-1104 EA 20-1/8" ID, Polyvinyl Chloride (PVC) 90 Degree Elbow Insulation Jacketing	460.58	7.86
22 07 19 00-1105 EA 1-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	17.59	3.43
22 07 19 00-1106 EA 2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.03	3.56
22 07 19 00-1107 EA 2-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	19.82	3.62
22 07 19 00-1108 EA 2-1/2" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	20.60	3.69
22 07 19 00-1109 EA 2-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	21.45	3.78
22 07 19 00-1110 EA 3" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	22.19	3.87
22 07 19 00-1111 EA 3-3/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	23.62	4.00
22 07 19 00-1112 EA 3-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	24.96	4.11
22 07 19 00-1113 EA 4-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	27.65	4.22
22 07 19 00-1114 EA 4-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	30.68	4.42
22 07 19 00-1115 EA 5-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	33.74	4.64
22 07 19 00-1116 EA 5-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	39.54	4.88
22 07 19 00-1117 EA 6-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	53.99	5.16
22 07 19 00-1118 EA 6-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	56.46	5.34
22 07 19 00-1119 EA 7-1/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	65.84	5.46
22 07 19 00-1120 EA 7-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	68.53	5.59
22 07 19 00-1121 EA 8-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	82.60	5.80
22 07 19 00-1122 EA 9-3/4" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	103.44	6.02
22 07 19 00-1123 EA 10-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	113.58	6.27
22 07 19 00-1124 EA 11-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	123.74	6.53
22 07 19 00-1125 EA 12-7/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	136.24	6.82
22 07 19 00-1126 EA 14-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	152.59	7.03
22 07 19 00-1127 EA 15-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	162.57	7.25

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1128	EA		16-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	181.99	7.36
22 07 19 00-1129	EA		17-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	201.70	7.48
22 07 19 00-1130	EA		18-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	240.34	7.60
22 07 19 00-1131	EA		19-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	317.25	7.73
22 07 19 00-1132	EA		20-1/8" ID, Polyvinyl Chloride (PVC) 45 Degree Elbow Insulation Jacketing	355.76	7.86
22 07 19 00-1133	EA		1-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	26.61	4.83
22 07 19 00-1134	EA		2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	27.99	4.93
22 07 19 00-1135	EA		2-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	29.35	5.09
22 07 19 00-1136	EA		2-1/2" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	30.88	5.27
22 07 19 00-1137	EA		2-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	32.61	5.46
22 07 19 00-1138	EA		3" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	34.31	5.66
22 07 19 00-1139	EA		3-3/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	36.91	5.87
22 07 19 00-1140	EA		3-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	39.67	6.10
22 07 19 00-1141	EA		4-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	43.46	6.35
22 07 19 00-1142	EA		4-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	48.96	6.63
22 07 19 00-1143	EA		5-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	54.70	6.93
22 07 19 00-1144	EA		5-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	65.35	7.36
22 07 19 00-1145	EA		6-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	78.08	7.73
22 07 19 00-1146	EA		6-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	89.80	7.86
22 07 19 00-1147	EA		7-1/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	126.87	8.14
22 07 19 00-1148	EA		7-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	137.77	8.59
22 07 19 00-1149	EA		8-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	161.49	8.92
22 07 19 00-1150	EA		9-3/4" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	185.44	9.27
22 07 19 00-1151	EA		10-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	188.74	9.67
22 07 19 00-1152	EA		11-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	206.22	9.87
22 07 19 00-1153	EA		12-7/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	223.74	10.08
22 07 19 00-1154	EA		14-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	241.42	10.31
22 07 19 00-1155	EA		15-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	258.94	10.54
22 07 19 00-1156	EA		16-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	276.64	10.78
22 07 19 00-1157	EA		17-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	294.18	11.05
22 07 19 00-1158	EA		18-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	320.45	11.32
22 07 19 00-1159	EA		19-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	346.64	11.60
22 07 19 00-1160	EA		20-1/8" ID, Polyvinyl Chloride (PVC) Tee Insulation Jacketing	378.40	11.89
22 07 19 00-1161	EA		3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	43.69	3.31
22 07 19 00-1162	EA		1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	43.69	3.31
22 07 19 00-1163	EA		1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	52.29	3.43
22 07 19 00-1164	EA		1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	52.29	3.43
22 07 19 00-1165	EA		2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	75.08	3.56
22 07 19 00-1166	EA		2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	82.36	3.72
22 07 19 00-1167	EA		3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	91.11	3.87
22 07 19 00-1168	EA		3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	103.67	4.04
22 07 19 00-1169	EA		4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	114.41	4.22
22 07 19 00-1170	EA		5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	139.82	4.64
22 07 19 00-1171	EA		6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	199.74	5.16
22 07 19 00-1172	EA		8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	218.27	5.80
22 07 19 00-1173	EA		10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	274.33	6.18
22 07 19 00-1174	EA		12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	386.25	6.82
22 07 19 00-1175	EA		14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	388.14	7.14
22 07 19 00-1176	EA		16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	518.48	7.36
22 07 19 00-1177	EA		18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 90 Degree Elbow Insulation Jacketing	702.99	7.60
22 07 19 00-1178	EA		3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	40.33	3.31
22 07 19 00-1179	EA		1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	40.33	3.31
22 07 19 00-1180	EA		1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	48.24	3.43
22 07 19 00-1181	EA		1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	48.24	3.43
22 07 19 00-1182	EA		2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	68.43	3.56
22 07 19 00-1183	EA		2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	74.95	3.72
22 07 19 00-1184	EA		3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	82.99	3.87
22 07 19 00-1185	EA		3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	87.36	4.04
22 07 19 00-1186	EA		4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	103.64	4.22
22 07 19 00-1187	EA		5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	126.46	4.64
22 07 19 00-1188	EA		6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	180.08	5.16
22 07 19 00-1189	EA		8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	196.72	5.80
22 07 19 00-1190	EA		10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	246.90	6.18
22 07 19 00-1191	EA		12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	346.99	6.82
22 07 19 00-1192	EA		14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	444.39	7.14
22 07 19 00-1193	EA		16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	533.25	7.36
22 07 19 00-1194	EA		18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover 45 Degree Elbow Insulation Jacketing	625.04	7.60
22 07 19 00-1195	EA		3/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	59.62	4.98
22 07 19 00-1196	EA		1" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	59.62	4.98
22 07 19 00-1197	EA		1-1/4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	70.71	5.16
22 07 19 00-1198	EA		1-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	70.71	5.16
22 07 19 00-1199	EA		2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	100.33	5.34
22 07 19 00-1200	EA		2-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	109.97	5.52
22 07 19 00-1201	EA		3" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	121.50	5.80
22 07 19 00-1202	EA		3-1/2" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	128.28	6.02
22 07 19 00-1203	EA		4" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	152.62	6.35
22 07 19 00-1204	EA		5" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	167.84	6.93
22 07 19 00-1205	EA		6" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	238.25	7.73
22 07 19 00-1206	EA		8" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	259.10	8.59
22 07 19 00-1207	EA		10" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	361.63	9.27
22 07 19 00-1208	EA		12" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	506.84	10.08
22 07 19 00-1209	EA		14" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	606.62	10.78
22 07 19 00-1210	EA		16" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	720.10	11.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1211 EA 18" ID, Polyvinyl Chloride (PVC) Mechanical Grooved Fitting Cover Tee Insulation Jacketing	789.89	11.32
22 07 19 00-1212 Flexible Elastomeric Unicellular Insulation <small>(22 07 19)</small> Note: For refrigeration piping. For elbow fittings/valves add 1 LF for each fitting/valve, for tee fittings add 2 LF for each fitting.		
22 07 19 00-1213 3/8" Wall Flexible Elastomeric Unicellular Insulation <small>(22 07 19 00-1212)</small>		
22 07 19 00-1214 LF 3/8" I.D. (1/2" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	8.53	3.46
For Work In Restricted Working Space, Add	2.08	
22 07 19 00-1215 LF 1/2" I.D. (5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.02	3.59
For Work In Restricted Working Space, Add	2.16	
22 07 19 00-1216 LF 3/4" I.D. (7/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.46	3.73
For Work In Restricted Working Space, Add	2.23	
22 07 19 00-1217 LF 1" I.D. (1-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	9.86	3.78
For Work In Restricted Working Space, Add	2.27	
22 07 19 00-1218 LF 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	10.28	3.84
For Work In Restricted Working Space, Add	2.30	
22 07 19 00-1219 LF 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	10.95	3.87
For Work In Restricted Working Space, Add	2.31	
22 07 19 00-1220 LF 2" I.D. (2-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	11.78	3.97
For Work In Restricted Working Space, Add	2.38	
22 07 19 00-1221 LF 2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	13.79	3.99
For Work In Restricted Working Space, Add	2.39	
22 07 19 00-1222 LF 3" I.D. (3-1/8" Outside Diameter Pipe), 3/8" Wall Flexible Elastomeric Unicellular Insulation	15.25	4.05
For Work In Restricted Working Space, Add	2.43	
22 07 19 00-1223 1/2" Wall Flexible Elastomeric Unicellular Insulation <small>(22 07 19 00-1212)</small>		
22 07 19 00-1224 LF 3/8" I.D. (1/2" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	9.84	3.73
For Work In Restricted Working Space, Add	2.23	
22 07 19 00-1225 LF 1/2" I.D. (5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.32	3.84
For Work In Restricted Working Space, Add	2.30	
22 07 19 00-1226 LF 3/4" I.D. (7/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	10.68	3.84
For Work In Restricted Working Space, Add	2.32	
22 07 19 00-1227 LF 1" I.D. (1-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.23	3.96
For Work In Restricted Working Space, Add	2.38	
22 07 19 00-1228 LF 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	11.67	4.03
For Work In Restricted Working Space, Add	2.41	
22 07 19 00-1229 LF 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	12.35	4.08
For Work In Restricted Working Space, Add	2.45	
22 07 19 00-1230 LF 2" I.D. (2-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	13.62	4.14
For Work In Restricted Working Space, Add	2.48	
22 07 19 00-1231 LF 2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	15.73	4.27
For Work In Restricted Working Space, Add	2.56	
22 07 19 00-1232 LF 3" I.D. (3-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	17.12	4.33
For Work In Restricted Working Space, Add	2.60	
22 07 19 00-1233 LF 3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	19.94	4.38
For Work In Restricted Working Space, Add	2.63	
22 07 19 00-1234 LF 4" I.D. (4-1/8" Outside Diameter Pipe), 1/2" Wall Flexible Elastomeric Unicellular Insulation	21.25	4.44
For Work In Restricted Working Space, Add	2.67	
22 07 19 00-1235 3/4" Wall Flexible Elastomeric Unicellular Insulation <small>(22 07 19 00-1212)</small>		
22 07 19 00-1236 LF 3/8" I.D. (1/2" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	11.80	4.06
For Work In Restricted Working Space, Add	2.43	
22 07 19 00-1237 LF 1/2" I.D. (5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	12.54	4.27
For Work In Restricted Working Space, Add	2.56	
22 07 19 00-1238 LF 3/4" I.D. (7/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	13.46	4.33
For Work In Restricted Working Space, Add	2.60	
22 07 19 00-1239 LF 1" I.D. (1-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	14.76	4.45
For Work In Restricted Working Space, Add	2.67	
22 07 19 00-1240 LF 1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	15.71	4.51
For Work In Restricted Working Space, Add	2.70	
22 07 19 00-1241 LF 1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	18.05	4.57
For Work In Restricted Working Space, Add	2.74	
22 07 19 00-1242 LF 2" I.D. (2-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	20.03	4.60
For Work In Restricted Working Space, Add	2.76	
22 07 19 00-1243 LF 2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	23.06	4.69
For Work In Restricted Working Space, Add	2.81	
22 07 19 00-1244 LF 3" I.D. (3-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	25.13	4.75
For Work In Restricted Working Space, Add	2.85	
22 07 19 00-1245 LF 3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	28.59	4.81
For Work In Restricted Working Space, Add	2.89	
22 07 19 00-1246 LF 4" I.D. (4-1/8" Outside Diameter Pipe), 3/4" Wall Flexible Elastomeric Unicellular Insulation	30.16	4.87
For Work In Restricted Working Space, Add	2.92	
22 07 19 00-1247 1" Wall Flexible Elastomeric Unicellular Insulation <small>(22 07 19 00-1212)</small>		
22 07 19 00-1248 LF 3/8" I.D. (1/2" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	15.77	4.51
For Work In Restricted Working Space, Add	2.70	
22 07 19 00-1249 LF 1/2" I.D. (5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	16.57	4.69
For Work In Restricted Working Space, Add	2.81	
22 07 19 00-1250 LF 3/4" I.D. (7/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation	18.37	4.75
For Work In Restricted Working Space, Add	2.85	

22 Plumbing
22 07 Plumbing Insulation
 22 07 19 Plumbing Piping Insulation

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 07 19 00-1251	LF		1" I.D. (1-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	20.52 2.92	4.87
22 07 19 00-1252	LF		1-1/4" I.D. (1-3/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	22.48 3.00	4.99
22 07 19 00-1253	LF		1-1/2" I.D. (1-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	23.95 3.03	5.05
22 07 19 00-1254	LF		2" I.D. (2-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	26.89 3.07	5.11
22 07 19 00-1255	LF		2-1/2" I.D. (2-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	33.99 3.14	5.25
22 07 19 00-1256	LF		3" I.D. (3-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	39.10 3.18	5.30
22 07 19 00-1257	LF		3-1/2" I.D. (3-5/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	41.86 3.21	5.36
22 07 19 00-1258	LF		4" I.D. (4-1/8" Outside Diameter Pipe), 1" Wall Flexible Elastomeric Unicellular Insulation <i>For Work In Restricted Working Space, Add</i>	47.53 3.29	5.49
22 07 19 00-1259			Insulation Foam Rubber <small>(22 07 19)</small>		
22 07 19 00-1260			Covering 4x6 Sheet <small>(22 07 19 00-1259)</small>		
22 07 19 00-1261	SF		1" Thick Foam Rubber Sheet Insulation	23.41	8.24

22 10 Plumbing Piping (22)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

22 11 Facility Water Distribution (22 10)

22 11 16 Domestic Water Piping (22 11)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks. See CSI section 23 21 13 00-0000 for black steel piping and fitting.

22 11 16 00-0001 Galvanized Steel Pipe Assemblies (22 11 16)

Note: (ASTM A-53) Threaded and coupled. Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Includes cutting and threading to length where necessary. Not for use where detail is available.

22 11 16 00-0002	LF		1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	19.15	3.95
			<i>For ASTM 120, Deduct</i>	-0.91	
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	5.35	
			<i>For Work In Restricted Working Space, Add</i>	3.93	
22 11 16 00-0003	LF		3/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	21.38	4.24
			<i>For ASTM 120, Deduct</i>	-1.13	
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	6.16	
			<i>For Work In Restricted Working Space, Add</i>	4.16	
22 11 16 00-0004	LF		1" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	24.88	4.64
			<i>For ASTM 120, Deduct</i>	-1.51	
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	7.49	
			<i>For Work In Restricted Working Space, Add</i>	4.44	
22 11 16 00-0005	LF		1-1/4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	30.09	4.84
			<i>For ASTM 120, Deduct</i>	-2.16	
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	9.61	
			<i>For Work In Restricted Working Space, Add</i>	4.72	
22 11 16 00-0006	LF		1-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	32.84	5.73
			<i>For ASTM 120, Deduct</i>	-2.47	
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	10.68	
			<i>For Work In Restricted Working Space, Add</i>	4.92	
22 11 16 00-0007	LF		2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	40.42	6.90
			<i>For ASTM 120, Deduct</i>	-3.26	
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	13.52	
			<i>For Work In Restricted Working Space, Add</i>	5.60	
22 11 16 00-0008	LF		2-1/2" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.	61.96	8.19
			<i>For ASTM 120, Deduct</i>	-6.01	
			<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i>	22.41	
			<i>For Work In Restricted Working Space, Add</i>	6.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0009 LF 3" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....76.71	76.71	10.96
Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
<i>For ASTM 120, Deduct</i> -7.53		
<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 27.89		
<i>For Work In Restricted Working Space, Add</i> 7.95		
22 11 16 00-0010 LF 4" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....123.72	123.72	12.51
Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
<i>For ASTM 120, Deduct</i> -14.17		
<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 48.37		
<i>For Work In Restricted Working Space, Add</i> 8.77		
22 11 16 00-0011 LF 5" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....224.36	224.36	15.99
Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
<i>For ASTM 120, Deduct</i> -28.36		
<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 92.13		
<i>For Work In Restricted Working Space, Add</i> 10.60		
22 11 16 00-0012 LF 6" Schedule 40 Threaded Galvanized Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....273.44	273.44	18.91
Note: Includes all hangers and all galvanized malleable iron fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
<i>For ASTM 120, Deduct</i> -35.00		
<i>For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add</i> 113.02		
<i>For Work In Restricted Working Space, Add</i> 12.04		
22 11 16 00-0013 Galvanized Steel Pipe And Threaded Fittings <small>(22 11 16)</small>		
Note: (ASTM A-53) Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
22 11 16 00-0014 Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe <small>(22 11 16 00-0013)</small>		
Note: ASTM A-53. Welded pipe has a weld bead on the inside. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0015 LF 1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....9.41	9.41	3.95
<i>For ASTM 120, Deduct</i> -0.51		
<i>For Schedule 80 Pipe, Add</i> 2.24		
<i>For Work In Restricted Working Space, Add</i> 1.79		
22 11 16 00-0016 LF 3/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....10.90	10.90	4.24
<i>For ASTM 120, Deduct</i> -0.68		
<i>For Schedule 80 Pipe, Add</i> 2.81		
<i>For Work In Restricted Working Space, Add</i> 1.91		
22 11 16 00-0017 LF 1" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....13.63	13.63	4.64
<i>For ASTM 120, Deduct</i> -1.01		
<i>For Schedule 80 Pipe, Add</i> 3.92		
<i>For Work In Restricted Working Space, Add</i> 2.07		
22 11 16 00-0018 LF 1-1/4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....16.42	16.42	4.84
<i>For ASTM 120, Deduct</i> -1.37		
<i>For Schedule 80 Pipe, Add</i> 5.10		
<i>For Work In Restricted Working Space, Add</i> 2.19		
22 11 16 00-0019 LF 1-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....19.48	19.48	5.73
<i>For ASTM 120, Deduct</i> -1.64		
<i>For Schedule 80 Pipe, Add</i> 6.09		
<i>For Work In Restricted Working Space, Add</i> 2.57		
22 11 16 00-0020 LF 2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....25.02	25.02	6.90
<i>For ASTM 120, Deduct</i> -2.19		
<i>For Schedule 80 Pipe, Add</i> 8.06		
<i>For Work In Restricted Working Space, Add</i> 3.12		
22 11 16 00-0021 LF 2-1/2" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....35.55	35.55	8.19
<i>For ASTM 120, Deduct</i> -3.48		
<i>For Schedule 80 Pipe, Add</i> 12.37		
<i>For Work In Restricted Working Space, Add</i> 3.70		
22 11 16 00-0022 LF 3" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....46.84	46.84	10.96
<i>For ASTM 120, Deduct</i> -4.56		
<i>For Schedule 80 Pipe, Add</i> 16.23		
<i>For Work In Restricted Working Space, Add</i> 4.94		
22 11 16 00-0023 LF 4" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....62.08	62.08	12.51
<i>For ASTM 120, Deduct</i> -6.49		
<i>For Schedule 80 Pipe, Add</i> 22.65		
<i>For Work In Restricted Working Space, Add</i> 5.65		
22 11 16 00-0024 LF 5" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....81.97	81.97	15.99
<i>For ASTM 120, Deduct</i> -8.70		
<i>For Schedule 80 Pipe, Add</i> 30.24		
<i>For Work In Restricted Working Space, Add</i> 7.19		
22 11 16 00-0025 LF 6" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....103.59	103.59	18.91
<i>For ASTM 120, Deduct</i> -11.29		
<i>For Schedule 80 Pipe, Add</i> 38.96		
<i>For Work In Restricted Working Space, Add</i> 8.50		
22 11 16 00-0026 LF 8" Schedule 40, Continuous Weld, Threaded And Coupled, Galvanized Steel Pipe .....115.53	115.53	22.86
<i>For ASTM 120, Deduct</i> -12.20		
<i>For Schedule 80 Pipe, Add</i> 42.45		
<i>For Work In Restricted Working Space, Add</i> 10.27		
22 11 16 00-0027 Seamless, Threaded And Coupled, Galvanized Steel Pipe <small>(22 11 16 00-0013)</small>		
Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
22 11 16 00-0028 LF 1/2" Schedule 40, Seamless, Threaded Galvanized Steel Pipe .....14.17	14.17	3.95
<i>For ASTM 120, Deduct</i> -1.23		
<i>For Schedule 80 Pipe, Add</i> 4.53		
<i>For Work In Restricted Working Space, Add</i> 1.79		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0029	LF	3/4"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe.....	16.18	4.24
			<i>For ASTM 120, Deduct</i>	-1.47	
			<i>For Schedule 80 Pipe, Add</i>	5.35	
			<i>For Work In Restricted Working Space, Add</i>	1.91	
22 11 16 00-0030	LF	1"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	18.31	4.64
			<i>For ASTM 120, Deduct</i>	-1.71	
			<i>For Schedule 80 Pipe, Add</i>	6.17	
			<i>For Work In Restricted Working Space, Add</i>	2.07	
22 11 16 00-0031	LF	1-1/4"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	21.65	4.84
			<i>For ASTM 120, Deduct</i>	-2.15	
			<i>For Schedule 80 Pipe, Add</i>	7.61	
			<i>For Work In Restricted Working Space, Add</i>	2.19	
22 11 16 00-0032	LF	1-1/2"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	24.95	5.73
			<i>For ASTM 120, Deduct</i>	-2.46	
			<i>For Schedule 80 Pipe, Add</i>	8.72	
			<i>For Work In Restricted Working Space, Add</i>	2.57	
22 11 16 00-0033	LF	2"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	29.04	6.90
			<i>For ASTM 120, Deduct</i>	-2.80	
			<i>For Schedule 80 Pipe, Add</i>	9.99	
			<i>For Work In Restricted Working Space, Add</i>	3.12	
22 11 16 00-0034	LF	2-1/2"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	43.55	8.19
			<i>For ASTM 120, Deduct</i>	-4.68	
			<i>For Schedule 80 Pipe, Add</i>	16.21	
			<i>For Work In Restricted Working Space, Add</i>	3.70	
22 11 16 00-0035	LF	3"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	54.61	10.96
			<i>For ASTM 120, Deduct</i>	-5.72	
			<i>For Schedule 80 Pipe, Add</i>	19.96	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0036	LF	4"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	73.37	12.51
			<i>For ASTM 120, Deduct</i>	-8.18	
			<i>For Schedule 80 Pipe, Add</i>	28.07	
			<i>For Work In Restricted Working Space, Add</i>	5.65	
22 11 16 00-0037	LF	5"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	95.16	15.99
			<i>For ASTM 120, Deduct</i>	-10.68	
			<i>For Schedule 80 Pipe, Add</i>	36.58	
			<i>For Work In Restricted Working Space, Add</i>	7.19	
22 11 16 00-0038	LF	6"	Schedule 40, Seamless, Threaded Galvanized Steel Pipe	119.42	18.91
			<i>For ASTM 120, Deduct</i>	-13.66	
			<i>For Schedule 80 Pipe, Add</i>	46.56	
			<i>For Work In Restricted Working Space, Add</i>	8.50	
22 11 16 00-0039			Galvanized Malleable Iron 90 Degree Elbows <small>(22 11 16 00-0013)</small>		
22 11 16 00-0040	EA	1/2"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	33.53	17.57
			<i>For ASTM 120, Deduct</i>	-1.08	
			<i>For 300 LB Rating, Add</i>	26.09	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0041	EA	3/4"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	38.31	19.65
			<i>For ASTM 120, Deduct</i>	-1.33	
			<i>For 300 LB Rating, Add</i>	31.86	
			<i>For Work In Restricted Working Space, Add</i>	8.84	
22 11 16 00-0042	EA	1"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	49.30	21.91
			<i>For ASTM 120, Deduct</i>	-2.46	
			<i>For 300 LB Rating, Add</i>	57.73	
			<i>For Work In Restricted Working Space, Add</i>	9.87	
22 11 16 00-0043	EA	1-1/4"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	63.16	24.88
			<i>For ASTM 120, Deduct</i>	-3.89	
			<i>For 300 LB Rating, Add</i>	90.36	
			<i>For Work In Restricted Working Space, Add</i>	11.17	
22 11 16 00-0044	EA	1-1/2"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	75.83	28.03
			<i>For ASTM 120, Deduct</i>	-5.07	
			<i>For 300 LB Rating, Add</i>	117.54	
			<i>For Work In Restricted Working Space, Add</i>	12.60	
22 11 16 00-0045	EA	2"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	108.76	35.63
			<i>For ASTM 120, Deduct</i>	-8.31	
			<i>For 300 LB Rating, Add</i>	191.60	
			<i>For Work In Restricted Working Space, Add</i>	16.01	
22 11 16 00-0046	EA	2-1/2"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	223.93	52.71
			<i>For ASTM 120, Deduct</i>	-21.75	
			<i>For 300 LB Rating, Add</i>	497.67	
			<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0047	EA	3"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	342.92	69.29
			<i>For ASTM 120, Deduct</i>	-35.85	
			<i>For 300 LB Rating, Add</i>	818.94	
			<i>For Work In Restricted Working Space, Add</i>	31.17	
22 11 16 00-0048	EA	4"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	531.35	73.20
			<i>For ASTM 120, Deduct</i>	-63.24	
			<i>For 300 LB Rating, Add</i>	1,439.96	
			<i>For Work In Restricted Working Space, Add</i>	32.93	
22 11 16 00-0049	EA	5"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,935.16	76.40
			<i>For ASTM 120, Deduct</i>	-273.09	
			<i>For 300 LB Rating, Add</i>	6,196.98	
			<i>For Work In Restricted Working Space, Add</i>	34.36	
22 11 16 00-0050	EA	6"	150 LB, Galvanized Malleable Iron 90 Degree Elbow	1,798.16	79.88
			<i>For ASTM 120, Deduct</i>	-251.76	
			<i>For 300 LB Rating, Add</i>	5,713.78	
			<i>For Work In Restricted Working Space, Add</i>	35.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0051 EA 8", 150 LB, Galvanized Malleable Iron 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,150.03 -303.73 6,892.13 37.54	83.47
22 11 16 00-0052 Galvanized Malleable Iron Reducing 90 Degree Elbows <small>(22 11 16 00-0013)</small>		
22 11 16 00-0053 EA 3/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	43.29 -2.31 8.37	18.56
22 11 16 00-0054 EA 1" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	50.93 -2.96 9.35	20.82
22 11 16 00-0055 EA 1" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	50.57 -3.14 8.88	19.74
22 11 16 00-0056 EA 1-1/4" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	68.21 -4.97 10.52	23.39
22 11 16 00-0057 EA 1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	73.16 -5.97 10.01	22.21
22 11 16 00-0058 EA 1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	73.96 -6.33 9.53	21.22
22 11 16 00-0059 EA 1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	92.57 -7.94 11.88	26.45
22 11 16 00-0060 EA 1-1/2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	90.41 -7.94 11.24	24.97
22 11 16 00-0061 EA 1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	88.69 -7.94 10.72	23.79
22 11 16 00-0062 EA 2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	109.54 -9.28 14.30	31.78
22 11 16 00-0063 EA 2" x 1-1/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	116.21 -10.64 13.59	30.20
22 11 16 00-0064 EA 2" x 1", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	116.71 -11.04 12.94	28.72
22 11 16 00-0065 EA 2" x 3/4", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	97.24 -8.37 12.42	27.64
22 11 16 00-0066 EA 2-1/2" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	275.85 -31.46 19.85	44.12
22 11 16 00-0067 EA 2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	294.11 -35.04 18.14	40.37
22 11 16 00-0068 EA 3" x 2-1/2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	472.55 -57.17 27.43	60.99
22 11 16 00-0069 EA 3" x 2", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	409.65 -49.65 23.59	52.40
22 11 16 00-0070 EA 4" x 3", 150 LB, Galvanized Malleable Iron Reducing 90 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	966.87 -129.37 31.32	69.62
22 11 16 00-0071 Galvanized Malleable Iron 45 Degree Elbow <small>(22 11 16 00-0013)</small>		
22 11 16 00-0072 EA 1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	34.42 -1.22 29.12 7.90	17.57
22 11 16 00-0073 EA 3/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.11 -1.75 41.38 8.84	19.65
22 11 16 00-0074 EA 1", 150 LB, Galvanized Malleable Iron 45 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	46.05 -1.97 46.68 9.87	21.91
22 11 16 00-0075 EA 1-1/4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	61.81 -3.69 85.77 11.17	24.88
22 11 16 00-0076 EA 1-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow <i>For ASTM 120, Deduct</i> <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.86 -4.33 100.64 12.60	28.03

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0077	EA		2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	96.05	35.63
			<i>For ASTM 120, Deduct</i>	-6.41	
			<i>For 300 LB Rating, Add</i>	148.38	
			<i>For Work In Restricted Working Space, Add</i>	16.01	
22 11 16 00-0078	EA		2-1/2", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	227.52	52.71
			<i>For ASTM 120, Deduct</i>	-22.29	
			<i>For 300 LB Rating, Add</i>	509.88	
			<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0079	EA		3", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	319.97	69.29
			<i>For ASTM 120, Deduct</i>	-32.41	
			<i>For 300 LB Rating, Add</i>	740.91	
			<i>For Work In Restricted Working Space, Add</i>	31.17	
22 11 16 00-0080	EA		4", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	472.02	73.20
			<i>For ASTM 120, Deduct</i>	-54.34	
			<i>For 300 LB Rating, Add</i>	1,238.24	
			<i>For Work In Restricted Working Space, Add</i>	32.93	
22 11 16 00-0081	EA		5", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,578.32	76.40
			<i>For ASTM 120, Deduct</i>	-219.57	
			<i>For 300 LB Rating, Add</i>	4,983.72	
			<i>For Work In Restricted Working Space, Add</i>	34.36	
22 11 16 00-0082	EA		6", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	1,884.72	79.88
			<i>For ASTM 120, Deduct</i>	-264.75	
			<i>For 300 LB Rating, Add</i>	6,008.08	
			<i>For Work In Restricted Working Space, Add</i>	35.93	
22 11 16 00-0083	EA		8", 150 LB, Galvanized Malleable Iron 45 Degree Elbow	2,251.42	83.47
			<i>For ASTM 120, Deduct</i>	-318.94	
			<i>For 300 LB Rating, Add</i>	7,236.86	
			<i>For Work In Restricted Working Space, Add</i>	37.54	
22 11 16 00-0084			Galvanized Malleable Iron Tees (22 11 16 00-0013)		
22 11 16 00-0085	EA		1/2", 150 LB, Galvanized Malleable Iron Tee.....	41.81	21.91
			<i>For ASTM 120, Deduct</i>	-1.34	
			<i>For 300 LB Rating, Add</i>	32.27	
			<i>For Work In Restricted Working Space, Add</i>	9.87	
22 11 16 00-0086	EA		3/4", 150 LB, Galvanized Malleable Iron Tee.....	52.66	25.36
			<i>For ASTM 120, Deduct</i>	-2.21	
			<i>For 300 LB Rating, Add</i>	52.26	
			<i>For Work In Restricted Working Space, Add</i>	11.39	
22 11 16 00-0087	EA		1", 150 LB, Galvanized Malleable Iron Tee.....	68.62	29.91
			<i>For ASTM 120, Deduct</i>	-3.56	
			<i>For 300 LB Rating, Add</i>	83.48	
			<i>For Work In Restricted Working Space, Add</i>	13.46	
22 11 16 00-0088	EA		1-1/4", 150 LB, Galvanized Malleable Iron Tee.....	91.06	35.63
			<i>For ASTM 120, Deduct</i>	-5.66	
			<i>For 300 LB Rating, Add</i>	131.42	
			<i>For Work In Restricted Working Space, Add</i>	16.01	
22 11 16 00-0089	EA		1-1/2", 150 LB, Galvanized Malleable Iron Tee.....	110.54	42.44
			<i>For ASTM 120, Deduct</i>	-7.03	
			<i>For 300 LB Rating, Add</i>	163.18	
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 11 16 00-0090	EA		2", 150 LB, Galvanized Malleable Iron Tee.....	155.14	52.71
			<i>For ASTM 120, Deduct</i>	-11.43	
			<i>For 300 LB Rating, Add</i>	263.78	
			<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0091	EA		2-1/2", 150 LB, Galvanized Malleable Iron Tee.....	300.33	57.24
			<i>For ASTM 120, Deduct</i>	-32.18	
			<i>For 300 LB Rating, Add</i>	734.45	
			<i>For Work In Restricted Working Space, Add</i>	25.75	
22 11 16 00-0092	EA		3", 150 LB, Galvanized Malleable Iron Tee.....	355.43	69.29
			<i>For ASTM 120, Deduct</i>	-37.73	
			<i>For 300 LB Rating, Add</i>	861.47	
			<i>For Work In Restricted Working Space, Add</i>	31.17	
22 11 16 00-0093	EA		4", 150 LB, Galvanized Malleable Iron Tee.....	733.73	92.49
			<i>For ASTM 120, Deduct</i>	-89.26	
			<i>For 300 LB Rating, Add</i>	2,031.56	
			<i>For Work In Restricted Working Space, Add</i>	41.60	
22 11 16 00-0094	EA		5", 150 LB, Galvanized Malleable Iron Tee.....	2,035.19	109.80
			<i>For ASTM 120, Deduct</i>	-280.58	
			<i>For 300 LB Rating, Add</i>	6,369.68	
			<i>For Work In Restricted Working Space, Add</i>	49.40	
22 11 16 00-0095	EA		6", 150 LB, Galvanized Malleable Iron Tee.....	2,309.80	125.52
			<i>For ASTM 120, Deduct</i>	-318.24	
			<i>For 300 LB Rating, Add</i>	7,224.80	
			<i>For Work In Restricted Working Space, Add</i>	56.45	
22 11 16 00-0096	EA		8", 150 LB, Galvanized Malleable Iron Tee.....	2,746.69	149.04
			<i>For ASTM 120, Deduct</i>	-378.13	
			<i>For 300 LB Rating, Add</i>	8,584.51	
			<i>For Work In Restricted Working Space, Add</i>	67.75	
22 11 16 00-0097			Galvanized Malleable Iron Reducing Tee (22 11 16 00-0013)		
22 11 16 00-0098	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	53.61	21.91
			<i>For ASTM 120, Deduct</i>	-3.11	
			<i>For 300 LB Rating, Add</i>	72.39	
			<i>For Work In Restricted Working Space, Add</i>	9.87	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0099 EA 3/4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	58.39	25.36
<i>For ASTM 120, Deduct</i>	-3.06	
<i>For 300 LB Rating, Add</i>	71.74	
<i>For Work In Restricted Working Space, Add</i>	11.39	
22 11 16 00-0100 EA 1", 150 LB, Galvanized Malleable Iron Reducing Tee.....	73.57	29.91
<i>For ASTM 120, Deduct</i>	-4.31	
<i>For 300 LB Rating, Add</i>	100.31	
<i>For Work In Restricted Working Space, Add</i>	13.46	
22 11 16 00-0101 EA 1-1/4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	97.86	35.63
<i>For ASTM 120, Deduct</i>	-6.68	
<i>For 300 LB Rating, Add</i>	154.54	
<i>For Work In Restricted Working Space, Add</i>	16.01	
22 11 16 00-0102 EA 1-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	118.65	42.44
<i>For ASTM 120, Deduct</i>	-8.25	
<i>For 300 LB Rating, Add</i>	190.75	
<i>For Work In Restricted Working Space, Add</i>	19.10	
22 11 16 00-0103 EA 2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	159.22	52.71
<i>For ASTM 120, Deduct</i>	-12.04	
<i>For 300 LB Rating, Add</i>	277.66	
<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0104 EA 2-1/2", 150 LB, Galvanized Malleable Iron Reducing Tee.....	369.60	57.44
<i>For ASTM 120, Deduct</i>	-42.53	
<i>For 300 LB Rating, Add</i>	969.10	
<i>For Work In Restricted Working Space, Add</i>	25.83	
22 11 16 00-0105 EA 3", 150 LB, Galvanized Malleable Iron Reducing Tee.....	473.22	70.38
<i>For ASTM 120, Deduct</i>	-55.15	
<i>For 300 LB Rating, Add</i>	1,256.48	
<i>For Work In Restricted Working Space, Add</i>	31.66	
22 11 16 00-0106 EA 4", 150 LB, Galvanized Malleable Iron Reducing Tee.....	1,204.53	92.49
<i>For ASTM 120, Deduct</i>	-159.88	
<i>For 300 LB Rating, Add</i>	3,632.28	
<i>For Work In Restricted Working Space, Add</i>	41.60	
22 11 16 00-0107 EA 5", 150 LB, Galvanized Malleable Iron Reducing Tee.....	2,754.61	109.80
<i>For ASTM 120, Deduct</i>	-388.49	
<i>For 300 LB Rating, Add</i>	8,815.71	
<i>For Work In Restricted Working Space, Add</i>	49.40	
22 11 16 00-0108 EA 6", 150 LB, Galvanized Malleable Iron Reducing Tee.....	2,992.30	125.52
<i>For ASTM 120, Deduct</i>	-420.62	
<i>For 300 LB Rating, Add</i>	9,545.30	
<i>For Work In Restricted Working Space, Add</i>	56.45	
22 11 16 00-0109 EA 8", 150 LB, Galvanized Malleable Iron Reducing Tee.....	3,597.45	144.13
<i>For ASTM 120, Deduct</i>	-507.16	
<i>For 300 LB Rating, Add</i>	11,508.55	
<i>For Work In Restricted Working Space, Add</i>	64.92	
22 11 16 00-0110 Galvanized Malleable Iron Couplings <small>(22 11 16 00-0013)</small>		
22 11 16 00-0111 EA 1/2", 150 LB, Galvanized Malleable Iron Coupling.....	32.61	17.57
<i>For ASTM 120, Deduct</i>	-0.94	
<i>For 300 LB Rating, Add</i>	22.97	
<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0112 EA 3/4", 150 LB, Galvanized Malleable Iron Coupling.....	36.71	19.65
<i>For ASTM 120, Deduct</i>	-1.09	
<i>For 300 LB Rating, Add</i>	26.42	
<i>For Work In Restricted Working Space, Add</i>	8.84	
22 11 16 00-0113 EA 1", 150 LB, Galvanized Malleable Iron Coupling.....	44.78	21.91
<i>For ASTM 120, Deduct</i>	-1.78	
<i>For 300 LB Rating, Add</i>	42.37	
<i>For Work In Restricted Working Space, Add</i>	9.87	
22 11 16 00-0114 EA 1-1/4", 150 LB, Galvanized Malleable Iron Coupling.....	53.99	24.88
<i>For ASTM 120, Deduct</i>	-2.51	
<i>For 300 LB Rating, Add</i>	59.18	
<i>For Work In Restricted Working Space, Add</i>	11.17	
22 11 16 00-0115 EA 1-1/2", 150 LB, Galvanized Malleable Iron Coupling.....	61.04	28.03
<i>For ASTM 120, Deduct</i>	-2.86	
<i>For 300 LB Rating, Add</i>	67.26	
<i>For Work In Restricted Working Space, Add</i>	12.60	
22 11 16 00-0116 EA 2", 150 LB, Galvanized Malleable Iron Coupling.....	81.19	35.63
<i>For ASTM 120, Deduct</i>	-4.18	
<i>For 300 LB Rating, Add</i>	97.86	
<i>For Work In Restricted Working Space, Add</i>	16.01	
22 11 16 00-0117 EA 2-1/2", 150 LB, Galvanized Malleable Iron Coupling.....	164.17	52.71
<i>For ASTM 120, Deduct</i>	-12.78	
<i>For 300 LB Rating, Add</i>	294.49	
<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0118 EA 3", 150 LB, Galvanized Malleable Iron Coupling.....	217.79	69.29
<i>For ASTM 120, Deduct</i>	-17.09	
<i>For 300 LB Rating, Add</i>	393.49	
<i>For Work In Restricted Working Space, Add</i>	31.17	
22 11 16 00-0119 EA 4", 150 LB, Galvanized Malleable Iron Coupling.....	351.67	73.20
<i>For ASTM 120, Deduct</i>	-36.29	
<i>For 300 LB Rating, Add</i>	829.05	
<i>For Work In Restricted Working Space, Add</i>	32.93	
22 11 16 00-0120 EA 5", 150 LB, Galvanized Malleable Iron Coupling.....	795.68	76.40
<i>For ASTM 120, Deduct</i>	-102.17	
<i>For 300 LB Rating, Add</i>	2,322.75	
<i>For Work In Restricted Working Space, Add</i>	34.36	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0121	EA		6", 150 LB, Galvanized Malleable Iron Coupling.....	895.75	79.88
			<i>For ASTM 120, Deduct</i>	-116.40	
			<i>For 300 LB Rating, Add</i>	2,645.59	
			<i>For Work In Restricted Working Space, Add</i>	35.93	
22 11 16 00-0122	EA		8", 150 LB, Galvanized Malleable Iron Coupling.....	1,060.38	83.47
			<i>For ASTM 120, Deduct</i>	-140.29	
			<i>For 300 LB Rating, Add</i>	3,187.32	
			<i>For Work In Restricted Working Space, Add</i>	37.54	
22 11 16 00-0123			Galvanized Malleable Iron Reducing Couplings (22 11 16 00-0013)		
22 11 16 00-0124	EA		1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	33.95	17.57
			<i>For ASTM 120, Deduct</i>	-1.14	
			<i>For 300 LB Rating, Add</i>	27.52	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0125	EA		3/4", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	37.62	19.65
			<i>For ASTM 120, Deduct</i>	-1.22	
			<i>For 300 LB Rating, Add</i>	29.51	
			<i>For Work In Restricted Working Space, Add</i>	8.84	
22 11 16 00-0126	EA		1", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	46.50	21.91
			<i>For ASTM 120, Deduct</i>	-2.04	
			<i>For 300 LB Rating, Add</i>	48.21	
			<i>For Work In Restricted Working Space, Add</i>	9.87	
22 11 16 00-0127	EA		1-1/4", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	54.82	24.88
			<i>For ASTM 120, Deduct</i>	-2.64	
			<i>For 300 LB Rating, Add</i>	62.01	
			<i>For Work In Restricted Working Space, Add</i>	11.17	
22 11 16 00-0128	EA		1-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	64.67	28.03
			<i>For ASTM 120, Deduct</i>	-3.40	
			<i>For 300 LB Rating, Add</i>	79.60	
			<i>For Work In Restricted Working Space, Add</i>	12.60	
22 11 16 00-0129	EA		2", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	84.28	35.63
			<i>For ASTM 120, Deduct</i>	-4.64	
			<i>For 300 LB Rating, Add</i>	108.36	
			<i>For Work In Restricted Working Space, Add</i>	16.01	
22 11 16 00-0130	EA		2-1/2", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	165.25	52.71
			<i>For ASTM 120, Deduct</i>	-12.95	
			<i>For 300 LB Rating, Add</i>	298.16	
			<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0131	EA		3", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	214.56	69.29
			<i>For ASTM 120, Deduct</i>	-16.60	
			<i>For 300 LB Rating, Add</i>	382.51	
			<i>For Work In Restricted Working Space, Add</i>	31.17	
22 11 16 00-0132	EA		4", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	357.90	73.20
			<i>For ASTM 120, Deduct</i>	-37.22	
			<i>For 300 LB Rating, Add</i>	850.23	
			<i>For Work In Restricted Working Space, Add</i>	32.93	
22 11 16 00-0133	EA		5", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	831.53	76.40
			<i>For ASTM 120, Deduct</i>	-107.55	
			<i>For 300 LB Rating, Add</i>	2,444.64	
			<i>For Work In Restricted Working Space, Add</i>	34.36	
22 11 16 00-0134	EA		6", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	936.59	79.88
			<i>For ASTM 120, Deduct</i>	-122.53	
			<i>For 300 LB Rating, Add</i>	2,784.44	
			<i>For Work In Restricted Working Space, Add</i>	35.93	
22 11 16 00-0135	EA		8", 150 LB, Galvanized Malleable Iron Reducing Coupling.....	1,109.97	83.47
			<i>For ASTM 120, Deduct</i>	-147.72	
			<i>For 300 LB Rating, Add</i>	3,355.93	
			<i>For Work In Restricted Working Space, Add</i>	37.54	
22 11 16 00-0136			Galvanized Malleable Iron Caps (22 11 16 00-0013)		
22 11 16 00-0137	EA		1/2", 150 LB, Galvanized Malleable Iron Cap.....	14.51	8.19
			<i>For ASTM 120, Deduct</i>	-0.33	
			<i>For 300 LB Rating, Add</i>	8.12	
			<i>For Work In Restricted Working Space, Add</i>	3.70	
22 11 16 00-0138	EA		3/4", 150 LB, Galvanized Malleable Iron Cap.....	16.16	8.78
			<i>For ASTM 120, Deduct</i>	-0.45	
			<i>For 300 LB Rating, Add</i>	10.99	
			<i>For Work In Restricted Working Space, Add</i>	3.95	
22 11 16 00-0139	EA		1", 150 LB, Galvanized Malleable Iron Cap.....	18.90	10.17
			<i>For ASTM 120, Deduct</i>	-0.56	
			<i>For 300 LB Rating, Add</i>	13.56	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0140	EA		1-1/4", 150 LB, Galvanized Malleable Iron Cap.....	20.81	10.66
			<i>For ASTM 120, Deduct</i>	-0.73	
			<i>For 300 LB Rating, Add</i>	17.58	
			<i>For Work In Restricted Working Space, Add</i>	4.78	
22 11 16 00-0141	EA		1-1/2", 150 LB, Galvanized Malleable Iron Cap.....	20.50	10.66
			<i>For ASTM 120, Deduct</i>	-0.69	
			<i>For 300 LB Rating, Add</i>	16.53	
			<i>For Work In Restricted Working Space, Add</i>	4.78	
22 11 16 00-0142	EA		2", 150 LB, Galvanized Malleable Iron Cap.....	31.04	14.11
			<i>For ASTM 120, Deduct</i>	-1.47	
			<i>For 300 LB Rating, Add</i>	34.63	
			<i>For Work In Restricted Working Space, Add</i>	6.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0143	EA		2-1/2", 150 LB, Galvanized Malleable Iron Cap	48.33	17.57
			<i>For ASTM 120, Deduct</i>	-3.30	
			<i>For 300 LB Rating, Add</i>	76.41	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0144	EA		3", 150 LB, Galvanized Malleable Iron Cap	63.18	21.22
			<i>For ASTM 120, Deduct</i>	-4.70	
			<i>For 300 LB Rating, Add</i>	108.47	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
22 11 16 00-0145	EA		4", 150 LB, Galvanized Malleable Iron Cap	96.23	25.12
			<i>For ASTM 120, Deduct</i>	-8.79	
			<i>For 300 LB Rating, Add</i>	201.46	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
22 11 16 00-0146	EA		5", 150 LB, Galvanized Malleable Iron Cap	241.54	31.43
			<i>For ASTM 120, Deduct</i>	-29.18	
			<i>For 300 LB Rating, Add</i>	664.12	
			<i>For Work In Restricted Working Space, Add</i>	14.11	
22 11 16 00-0147	EA		6", 150 LB, Galvanized Malleable Iron Cap	301.19	37.35
			<i>For ASTM 120, Deduct</i>	-36.77	
			<i>For 300 LB Rating, Add</i>	836.84	
			<i>For Work In Restricted Working Space, Add</i>	16.82	
22 11 16 00-0148	EA		8", 150 LB, Galvanized Malleable Iron Cap	380.26	41.74
			<i>For ASTM 120, Deduct</i>	-47.65	
			<i>For 300 LB Rating, Add</i>	1,083.90	
			<i>For Work In Restricted Working Space, Add</i>	18.77	
22 11 16 00-0149			Galvanized Malleable Iron FIP Threaded, Unions <small>(22 11 16 00-0013)</small>		
22 11 16 00-0150	EA		1/2", 150 LB, Galvanized Malleable Iron Union	63.59	21.91
			<i>For Work In Restricted Working Space, Add</i>	9.87	
22 11 16 00-0151	EA		3/4", 150 LB, Galvanized Malleable Iron Union	73.23	25.36
			<i>For Work In Restricted Working Space, Add</i>	11.39	
22 11 16 00-0152	EA		1", 150 LB, Galvanized Malleable Iron Union	91.04	29.91
			<i>For Work In Restricted Working Space, Add</i>	13.46	
22 11 16 00-0153	EA		1-1/4", 150 LB, Galvanized Malleable Iron Union	120.11	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
22 11 16 00-0154	EA		1-1/2", 150 LB, Galvanized Malleable Iron Union	144.56	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 11 16 00-0155	EA		2", 150 LB, Galvanized Malleable Iron Union	171.94	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0156	EA		2-1/2", 150 LB, Galvanized Malleable Iron Union	439.59	77.67
			<i>For Work In Restricted Working Space, Add</i>	34.97	
22 11 16 00-0157	EA		3", 150 LB, Galvanized Malleable Iron Union	605.47	102.15
			<i>For Work In Restricted Working Space, Add</i>	46.01	
22 11 16 00-0158	EA		1/2", 250 LB, Galvanized Malleable Iron Union	95.30	21.91
			<i>For Work In Restricted Working Space, Add</i>	9.87	
22 11 16 00-0159	EA		3/4", 250 LB, Galvanized Malleable Iron Union	94.66	25.36
			<i>For Work In Restricted Working Space, Add</i>	11.39	
22 11 16 00-0160	EA		1", 250 LB, Galvanized Malleable Iron Union	115.14	29.91
			<i>For Work In Restricted Working Space, Add</i>	13.46	
22 11 16 00-0161	EA		1-1/4", 250 LB, Galvanized Malleable Iron Union	159.79	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.00	
22 11 16 00-0162	EA		1-1/2", 250 LB, Galvanized Malleable Iron Union	186.23	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 11 16 00-0163	EA		2", 250 LB, Galvanized Malleable Iron Union	252.02	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0164	EA		2-1/2", 250 LB, Galvanized Malleable Iron Union	571.83	77.67
			<i>For Work In Restricted Working Space, Add</i>	34.97	
22 11 16 00-0165	EA		3", 250 LB, Galvanized Malleable Iron Union	851.88	102.15
			<i>For Work In Restricted Working Space, Add</i>	46.01	
22 11 16 00-0166	EA		4", 250 LB, Galvanized Malleable Iron Union	1,257.78	108.01
			<i>For Work In Restricted Working Space, Add</i>	48.62	
22 11 16 00-0167	EA		1/2", 300 LB, Galvanized Malleable Iron Union	104.00	21.91
			<i>For Work In Restricted Working Space, Add</i>	9.87	
22 11 16 00-0168	EA		3/4", 300 LB, Galvanized Malleable Iron Union	115.06	25.36
			<i>For Work In Restricted Working Space, Add</i>	11.39	
22 11 16 00-0169	EA		1", 300 LB, Galvanized Malleable Iron Union	147.13	29.91
			<i>For Work In Restricted Working Space, Add</i>	13.46	
22 11 16 00-0170	EA		1-1/4", 300 LB, Galvanized Malleable Iron Union	195.96	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.00	
22 11 16 00-0171	EA		1-1/2", 300 LB, Galvanized Malleable Iron Union	235.41	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 11 16 00-0172	EA		2", 300 LB, Galvanized Malleable Iron Union	285.07	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
22 11 16 00-0173	EA		2-1/2", 300 LB, Galvanized Malleable Iron Union	691.52	77.67
			<i>For Work In Restricted Working Space, Add</i>	34.97	
22 11 16 00-0174	EA		3", 300 LB, Galvanized Malleable Iron Union	1,125.77	102.15
			<i>For Work In Restricted Working Space, Add</i>	46.01	
22 11 16 00-0175	EA		4", 300 LB, Galvanized Malleable Iron Union	2,600.87	108.01
			<i>For Work In Restricted Working Space, Add</i>	48.62	

22 11 16 00-0176 Galvanized Steel Nipples (22 11 16 00-0013)
Note: ASTM A-53.

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0177	EA	3/8" x Close, Schedule 40 Galvanized Steel Nipple.....	16.66	9.37	
		<i>For Schedule 80 Nipples, Add</i>	2.92		
		<i>For ASTM 120, Deduct</i>	-0.38		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0178	EA	1/2" x Close, Schedule 40 Galvanized Steel Nipple.....	16.17	9.37	
		<i>For Schedule 80 Nipples, Add</i>	2.36		
		<i>For ASTM 120, Deduct</i>	-0.31		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0179	EA	3/4" x Close, Schedule 40 Galvanized Steel Nipple.....	16.61	9.37	
		<i>For Schedule 80 Nipples, Add</i>	2.86		
		<i>For ASTM 120, Deduct</i>	-0.38		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0180	EA	1" x Close, Schedule 40 Galvanized Steel Nipple.....	18.63	10.17	
		<i>For Schedule 80 Nipples, Add</i>	3.93		
		<i>For ASTM 120, Deduct</i>	-0.52		
		<i>For Work In Restricted Working Space, Add</i>	4.55		
22 11 16 00-0181	EA	1-1/4" x Close, Schedule 40 Galvanized Steel Nipple	21.07	10.96	
		<i>For Schedule 80 Nipples, Add</i>	5.27		
		<i>For ASTM 120, Deduct</i>	-0.69		
		<i>For Work In Restricted Working Space, Add</i>	4.94		
22 11 16 00-0182	EA	1-1/2" x Close, Schedule 40 Galvanized Steel Nipple	21.88	10.96	
		<i>For Schedule 80 Nipples, Add</i>	6.19		
		<i>For ASTM 120, Deduct</i>	-0.81		
		<i>For Work In Restricted Working Space, Add</i>	4.94		
22 11 16 00-0183	EA	2" x Close, Schedule 40 Galvanized Steel Nipple.....	28.88	14.11	
		<i>For Schedule 80 Nipples, Add</i>	8.72		
		<i>For ASTM 120, Deduct</i>	-1.15		
		<i>For Work In Restricted Working Space, Add</i>	6.37		
22 11 16 00-0184	EA	2-1/2" x Close, Schedule 40 Galvanized Steel Nipple	49.09	17.57	
		<i>For Schedule 80 Nipples, Add</i>	25.96		
		<i>For ASTM 120, Deduct</i>	-3.42		
		<i>For Work In Restricted Working Space, Add</i>	7.90		
22 11 16 00-0185	EA	3" x Close, Schedule 40 Galvanized Steel Nipple.....	59.12	21.22	
		<i>For Schedule 80 Nipples, Add</i>	31.10		
		<i>For ASTM 120, Deduct</i>	-4.09		
		<i>For Work In Restricted Working Space, Add</i>	9.55		
22 11 16 00-0186	EA	4" x Close, Schedule 40 Galvanized Steel Nipple.....	78.53	25.12	
		<i>For Schedule 80 Nipples, Add</i>	46.61		
		<i>For ASTM 120, Deduct</i>	-6.13		
		<i>For Work In Restricted Working Space, Add</i>	11.29		
22 11 16 00-0187	EA	3/8" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.04	9.37	
		<i>For Schedule 80 Nipples, Add</i>	3.35		
		<i>For ASTM 120, Deduct</i>	-0.44		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0188	EA	1/2" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.28	9.37	
		<i>For Schedule 80 Nipples, Add</i>	2.49		
		<i>For ASTM 120, Deduct</i>	-0.33		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0189	EA	3/4" x 1-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.83	9.37	
		<i>For Schedule 80 Nipples, Add</i>	3.11		
		<i>For ASTM 120, Deduct</i>	-0.41		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0190	EA	3/8" x 2" Long, Schedule 40 Galvanized Steel Nipple.....	17.04	9.37	
		<i>For Schedule 80 Nipples, Add</i>	3.35		
		<i>For ASTM 120, Deduct</i>	-0.44		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0191	EA	1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple.....	16.28	9.37	
		<i>For Schedule 80 Nipples, Add</i>	2.49		
		<i>For ASTM 120, Deduct</i>	-0.33		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0192	EA	3/4" x 2" Long, Schedule 40 Galvanized Steel Nipple.....	16.83	9.37	
		<i>For Schedule 80 Nipples, Add</i>	3.11		
		<i>For ASTM 120, Deduct</i>	-0.41		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0193	EA	1" x 2" Long, Schedule 40 Galvanized Steel Nipple	19.25	10.17	
		<i>For Schedule 80 Nipples, Add</i>	4.64		
		<i>For ASTM 120, Deduct</i>	-0.61		
		<i>For Work In Restricted Working Space, Add</i>	4.55		
22 11 16 00-0194	EA	1-1/4" x 2" Long, Schedule 40 Galvanized Steel Nipple	21.41	10.96	
		<i>For Schedule 80 Nipples, Add</i>	5.65		
		<i>For ASTM 120, Deduct</i>	-0.74		
		<i>For Work In Restricted Working Space, Add</i>	4.94		
22 11 16 00-0195	EA	1-1/2" x 2" Long, Schedule 40 Galvanized Steel Nipple	22.28	10.96	
		<i>For Schedule 80 Nipples, Add</i>	6.65		
		<i>For ASTM 120, Deduct</i>	-0.87		
		<i>For Work In Restricted Working Space, Add</i>	4.94		
22 11 16 00-0196	EA	3/8" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.01	9.37	
		<i>For Schedule 80 Nipples, Add</i>	4.46		
		<i>For ASTM 120, Deduct</i>	-0.59		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0197	EA	1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	16.66	9.37	
		<i>For Schedule 80 Nipples, Add</i>	2.92		
		<i>For ASTM 120, Deduct</i>	-0.38		
		<i>For Work In Restricted Working Space, Add</i>	4.23		
22 11 16 00-0198	EA	3/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.12	9.37	
		<i>For Schedule 80 Nipples, Add</i>	3.44		
		<i>For ASTM 120, Deduct</i>	-0.45		
		<i>For Work In Restricted Working Space, Add</i>	4.23		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0199 EA 1" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	19.58 5.02 -0.66 4.55	10.17
22 11 16 00-0200 EA 1-1/4" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	21.90 6.21 -0.82 4.94	10.96
22 11 16 00-0201 EA 1-1/2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.94 7.40 -0.97 4.94	10.96
22 11 16 00-0202 EA 2" x 2-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	29.83 9.80 -1.29 6.37	14.11
22 11 16 00-0203 EA 3/8" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	18.01 4.46 -0.59 4.23	9.37
22 11 16 00-0204 EA 1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	16.66 2.92 -0.38 4.23	9.37
22 11 16 00-0205 EA 3/4" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	17.12 3.44 -0.45 4.23	9.37
22 11 16 00-0206 EA 1" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	19.58 5.02 -0.66 4.55	10.17
22 11 16 00-0207 EA 1-1/4" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	21.90 6.21 -0.82 4.94	10.96
22 11 16 00-0208 EA 1-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.94 7.40 -0.97 4.94	10.96
22 11 16 00-0209 EA 2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	29.83 9.80 -1.29 6.37	14.11
22 11 16 00-0210 EA 2-1/2" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	49.96 26.95 -3.55 7.90	17.57
22 11 16 00-0211 EA 3" x 3" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	62.88 35.39 -4.66 9.55	21.22
22 11 16 00-0212 EA 3/8" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	18.75 5.30 -0.70 4.23	9.37
22 11 16 00-0213 EA 1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	17.26 3.60 -0.47 4.23	9.37
22 11 16 00-0214 EA 3/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	18.01 4.46 -0.59 4.23	9.37
22 11 16 00-0215 EA 1" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	20.47 6.03 -0.79 4.55	10.17
22 11 16 00-0216 EA 1-1/4" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.94 7.40 -0.97 4.94	10.96
22 11 16 00-0217 EA 1-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	24.65 9.35 -1.23 4.94	10.96
22 11 16 00-0218 EA 2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	31.68 11.91 -1.57 6.37	14.11
22 11 16 00-0219 EA 2-1/2" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	53.76 31.28 -4.12 7.90	17.57
22 11 16 00-0220 EA 3" x 3-1/2" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	68.26 41.52 -5.46 9.55	21.22

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0221	EA		3/8" x 4" Long, Schedule 40 Galvanized Steel Nipple.....	18.75	9.37
			<i>For Schedule 80 Nipples, Add</i>	5.30	
			<i>For ASTM 120, Deduct</i>	-0.70	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0222	EA		1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple.....	17.26	9.37
			<i>For Schedule 80 Nipples, Add</i>	3.60	
			<i>For ASTM 120, Deduct</i>	-0.47	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0223	EA		3/4" x 4" Long, Schedule 40 Galvanized Steel Nipple.....	18.75	9.37
			<i>For Schedule 80 Nipples, Add</i>	5.30	
			<i>For ASTM 120, Deduct</i>	-0.70	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0224	EA		1" x 4" Long, Schedule 40 Galvanized Steel Nipple	20.47	10.17
			<i>For Schedule 80 Nipples, Add</i>	6.03	
			<i>For ASTM 120, Deduct</i>	-0.79	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0225	EA		1-1/4" x 4" Long, Schedule 40 Galvanized Steel Nipple	22.94	10.96
			<i>For Schedule 80 Nipples, Add</i>	7.40	
			<i>For ASTM 120, Deduct</i>	-0.97	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0226	EA		1-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	24.65	10.96
			<i>For Schedule 80 Nipples, Add</i>	9.35	
			<i>For ASTM 120, Deduct</i>	-1.23	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0227	EA		2" x 4" Long, Schedule 40 Galvanized Steel Nipple	31.77	14.11
			<i>For Schedule 80 Nipples, Add</i>	12.02	
			<i>For ASTM 120, Deduct</i>	-1.58	
			<i>For Work In Restricted Working Space, Add</i>	6.37	
22 11 16 00-0228	EA		2-1/2" x 4" Long, Schedule 40 Galvanized Steel Nipple	53.76	17.57
			<i>For Schedule 80 Nipples, Add</i>	31.28	
			<i>For ASTM 120, Deduct</i>	-4.12	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0229	EA		3" x 4" Long, Schedule 40 Galvanized Steel Nipple	68.26	21.22
			<i>For Schedule 80 Nipples, Add</i>	41.52	
			<i>For ASTM 120, Deduct</i>	-5.46	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
22 11 16 00-0230	EA		4" x 4" Long, Schedule 40 Galvanized Steel Nipple	86.53	25.12
			<i>For Schedule 80 Nipples, Add</i>	55.73	
			<i>For ASTM 120, Deduct</i>	-7.33	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
22 11 16 00-0231	EA		3/8" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	20.50	9.37
			<i>For Schedule 80 Nipples, Add</i>	7.30	
			<i>For ASTM 120, Deduct</i>	-0.96	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0232	EA		1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	17.90	9.37
			<i>For Schedule 80 Nipples, Add</i>	4.33	
			<i>For ASTM 120, Deduct</i>	-0.57	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0233	EA		3/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	18.77	9.37
			<i>For Schedule 80 Nipples, Add</i>	5.32	
			<i>For ASTM 120, Deduct</i>	-0.70	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0234	EA		1" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	21.67	10.17
			<i>For Schedule 80 Nipples, Add</i>	7.40	
			<i>For ASTM 120, Deduct</i>	-0.97	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0235	EA		1-1/4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	24.48	10.96
			<i>For Schedule 80 Nipples, Add</i>	9.15	
			<i>For ASTM 120, Deduct</i>	-1.20	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0236	EA		1-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	26.37	10.96
			<i>For Schedule 80 Nipples, Add</i>	11.31	
			<i>For ASTM 120, Deduct</i>	-1.49	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0237	EA		2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	34.57	14.11
			<i>For Schedule 80 Nipples, Add</i>	15.21	
			<i>For ASTM 120, Deduct</i>	-2.00	
			<i>For Work In Restricted Working Space, Add</i>	6.37	
22 11 16 00-0238	EA		2-1/2" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	56.92	17.57
			<i>For Schedule 80 Nipples, Add</i>	34.88	
			<i>For ASTM 120, Deduct</i>	-4.59	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0239	EA		3" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	74.29	21.22
			<i>For Schedule 80 Nipples, Add</i>	48.39	
			<i>For ASTM 120, Deduct</i>	-6.37	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
22 11 16 00-0240	EA		4" x 4-1/2" Long, Schedule 40 Galvanized Steel Nipple	92.47	25.12
			<i>For Schedule 80 Nipples, Add</i>	62.51	
			<i>For ASTM 120, Deduct</i>	-8.22	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
22 11 16 00-0241	EA		3/8" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	20.50	9.37
			<i>For Schedule 80 Nipples, Add</i>	7.30	
			<i>For ASTM 120, Deduct</i>	-0.96	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0242	EA		1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple.....	17.90	9.37
			<i>For Schedule 80 Nipples, Add</i>	4.33	
			<i>For ASTM 120, Deduct</i>	-0.57	
			<i>For Work In Restricted Working Space, Add</i>	4.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0243 EA 3/4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	18.77 5.32 -0.70 4.23	9.37
22 11 16 00-0244 EA 1" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	21.67 7.40 -0.97 4.55	10.17
22 11 16 00-0245 EA 1-1/4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	24.48 9.15 -1.20 4.94	10.96
22 11 16 00-0246 EA 1-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	26.37 11.31 -1.49 4.94	10.96
22 11 16 00-0247 EA 2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	34.57 15.21 -2.00 6.37	14.11
22 11 16 00-0248 EA 2-1/2" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	56.92 34.88 -4.59 7.90	17.57
22 11 16 00-0249 EA 3" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	74.29 48.39 -6.37 9.55	21.22
22 11 16 00-0250 EA 4" x 5" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	92.47 62.51 -8.22 11.29	25.12
22 11 16 00-0251 EA 3/8" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	21.22 8.12 -1.07 4.23	9.37
22 11 16 00-0252 EA 1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	18.41 4.91 -0.65 4.23	9.37
22 11 16 00-0253 EA 3/4" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	19.70 6.38 -0.84 4.23	9.37
22 11 16 00-0254 EA 1" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	22.54 8.39 -1.10 4.55	10.17
22 11 16 00-0255 EA 1-1/4" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	25.77 10.62 -1.40 4.94	10.96
22 11 16 00-0256 EA 1-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	27.61 12.72 -1.67 4.94	10.96
22 11 16 00-0257 EA 2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	36.73 17.67 -2.33 6.37	14.11
22 11 16 00-0258 EA 2-1/2" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	59.94 38.33 -5.04 7.90	17.57
22 11 16 00-0259 EA 3" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	76.73 51.17 -6.73 9.55	21.22
22 11 16 00-0260 EA 4" x 6" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	98.25 69.10 -9.09 11.29	25.12
22 11 16 00-0261 EA 3/8" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	42.54 32.42 -4.27 4.23	9.37
22 11 16 00-0262 EA 1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	21.70 8.66 -1.14 4.23	9.37
22 11 16 00-0263 EA 3/4" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	23.82 11.08 -1.46 4.23	9.37
22 11 16 00-0264 EA 1" x 8" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	27.50 14.04 -1.85 4.55	10.17

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0265	EA		1-1/4" x 8" Long, Schedule 40 Galvanized Steel Nipple	31.55	10.96
			<i>For Schedule 80 Nipples, Add</i>	17.21	
			<i>For ASTM 120, Deduct</i>	-2.27	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0266	EA		1-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	33.77	10.96
			<i>For Schedule 80 Nipples, Add</i>	19.74	
			<i>For ASTM 120, Deduct</i>	-2.60	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0267	EA		2" x 8" Long, Schedule 40 Galvanized Steel Nipple	46.49	14.11
			<i>For Schedule 80 Nipples, Add</i>	28.80	
			<i>For ASTM 120, Deduct</i>	-3.79	
			<i>For Work In Restricted Working Space, Add</i>	6.37	
22 11 16 00-0268	EA		2-1/2" x 8" Long, Schedule 40 Galvanized Steel Nipple	69.59	17.57
			<i>For Schedule 80 Nipples, Add</i>	49.33	
			<i>For ASTM 120, Deduct</i>	-6.49	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0269	EA		3" x 8" Long, Schedule 40 Galvanized Steel Nipple	92.32	21.22
			<i>For Schedule 80 Nipples, Add</i>	68.95	
			<i>For ASTM 120, Deduct</i>	-9.07	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
22 11 16 00-0270	EA		4" x 8" Long, Schedule 40 Galvanized Steel Nipple	109.97	25.12
			<i>For Schedule 80 Nipples, Add</i>	82.46	
			<i>For ASTM 120, Deduct</i>	-10.85	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
22 11 16 00-0271	EA		3/8" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	27.66	9.37
			<i>For Schedule 80 Nipples, Add</i>	15.46	
			<i>For ASTM 120, Deduct</i>	-2.03	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0272	EA		1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	23.13	9.37
			<i>For Schedule 80 Nipples, Add</i>	10.29	
			<i>For ASTM 120, Deduct</i>	-1.35	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0273	EA		3/4" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	24.88	9.37
			<i>For Schedule 80 Nipples, Add</i>	12.29	
			<i>For ASTM 120, Deduct</i>	-1.62	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0274	EA		1" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	29.25	10.17
			<i>For Schedule 80 Nipples, Add</i>	16.04	
			<i>For ASTM 120, Deduct</i>	-2.11	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0275	EA		1-1/4" x 10" Long, Schedule 40 Galvanized Steel Nipple	34.50	10.96
			<i>For Schedule 80 Nipples, Add</i>	20.58	
			<i>For ASTM 120, Deduct</i>	-2.71	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0276	EA		1-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	36.64	10.96
			<i>For Schedule 80 Nipples, Add</i>	23.02	
			<i>For ASTM 120, Deduct</i>	-3.03	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0277	EA		2" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	50.78	14.11
			<i>For Schedule 80 Nipples, Add</i>	33.69	
			<i>For ASTM 120, Deduct</i>	-4.43	
			<i>For Work In Restricted Working Space, Add</i>	6.37	
22 11 16 00-0278	EA		2-1/2" x 10" Long, Schedule 40 Galvanized Steel Nipple	75.64	17.57
			<i>For Schedule 80 Nipples, Add</i>	56.22	
			<i>For ASTM 120, Deduct</i>	-7.40	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
22 11 16 00-0279	EA		3" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	100.83	21.22
			<i>For Schedule 80 Nipples, Add</i>	78.65	
			<i>For ASTM 120, Deduct</i>	-10.35	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
22 11 16 00-0280	EA		4" x 10" Long, Schedule 40 Galvanized Steel Nipple.....	121.47	25.12
			<i>For Schedule 80 Nipples, Add</i>	95.57	
			<i>For ASTM 120, Deduct</i>	-12.57	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
22 11 16 00-0281	EA		3/8" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	29.13	9.37
			<i>For Schedule 80 Nipples, Add</i>	17.13	
			<i>For ASTM 120, Deduct</i>	-2.25	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0282	EA		1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	24.37	9.37
			<i>For Schedule 80 Nipples, Add</i>	11.71	
			<i>For ASTM 120, Deduct</i>	-1.54	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0283	EA		3/4" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	26.20	9.37
			<i>For Schedule 80 Nipples, Add</i>	13.79	
			<i>For ASTM 120, Deduct</i>	-1.82	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
22 11 16 00-0284	EA		1" x 12" Long, Schedule 40 Galvanized Steel Nipple.....	31.57	10.17
			<i>For Schedule 80 Nipples, Add</i>	18.68	
			<i>For ASTM 120, Deduct</i>	-2.46	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
22 11 16 00-0285	EA		1-1/4" x 12" Long, Schedule 40 Galvanized Steel Nipple	38.13	10.96
			<i>For Schedule 80 Nipples, Add</i>	24.72	
			<i>For ASTM 120, Deduct</i>	-3.25	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
22 11 16 00-0286	EA		1-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple	39.55	10.96
			<i>For Schedule 80 Nipples, Add</i>	26.33	
			<i>For ASTM 120, Deduct</i>	-3.47	
			<i>For Work In Restricted Working Space, Add</i>	4.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0287 EA 2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	55.14 38.66 -5.09 6.37	14.11
22 11 16 00-0288 EA 2-1/2" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	81.51 62.92 -8.28 7.90	17.57
22 11 16 00-0289 EA 3" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	109.42 88.44 -11.64 9.55	21.22
22 11 16 00-0290 EA 4" x 12" Long, Schedule 40 Galvanized Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For ASTM 120, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	133.07 108.79 -14.31 11.29	25.12
22 11 16 00-0291 Galvanized Malleable Iron Square Head Plugs (22 11 16 00-0013)		
22 11 16 00-0292 EA 1/2", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	17.40 23.99 3.16	7.01
22 11 16 00-0293 EA 3/4", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.65 24.06 3.53	7.89
22 11 16 00-0294 EA 1", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	20.69 26.43 3.95	8.78
22 11 16 00-0295 EA 1-1/4", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.49 40.30 4.47	9.97
22 11 16 00-0296 EA 1-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	32.41 54.08 5.04	11.15
22 11 16 00-0297 EA 2", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	41.19 68.77 6.40	14.21
22 11 16 00-0298 EA 2-1/2", 150 LB, Galvanized Malleable Iron Square Head Plug <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	70.30 133.54 9.47	21.03
22 11 16 00-0299 EA 3", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	96.50 189.29 12.47	27.73
22 11 16 00-0300 EA 4", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	157.97 390.44 13.17	29.26
22 11 16 00-0301 EA 5", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	255.09 714.27 13.75	30.58
22 11 16 00-0302 EA 6", 150 LB, Galvanized Malleable Iron Square Head Plug..... <i>For 300 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i>	274.13 772.06 14.37	31.89
22 11 16 00-0303 Galvanized Malleable Iron Bushing (22 11 16 00-0013)		
22 11 16 00-0304 EA 3/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	45.33 8.37	18.56
22 11 16 00-0305 EA 1" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	50.49 8.88	19.74
22 11 16 00-0306 EA 1" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	50.95 9.35	20.82
22 11 16 00-0307 EA 1-1/4" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	61.01 9.53	21.22
22 11 16 00-0308 EA 1-1/4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	59.93 10.01	22.21
22 11 16 00-0309 EA 1-1/4" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	61.65 10.52	23.39
22 11 16 00-0310 EA 1-1/2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	72.78 10.25	22.80
22 11 16 00-0311 EA 1-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	74.35 10.72	23.79
22 11 16 00-0312 EA 1-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	72.28 11.24	24.97
22 11 16 00-0313 EA 1-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	71.75 11.88	26.45
22 11 16 00-0314 EA 2" x 1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	88.08 11.95	26.55
22 11 16 00-0315 EA 2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	86.30 12.42	27.64
22 11 16 00-0316 EA 2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	85.56 12.94	28.72
22 11 16 00-0317 EA 2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	87.73 13.59	30.20
22 11 16 00-0318 EA 2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	84.89 14.30	31.78

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0319	EA		2-1/2" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	124.02 16.27	36.13
22 11 16 00-0320	EA		2-1/2" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	125.73 16.78	37.31
22 11 16 00-0321	EA		2-1/2" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	127.90 17.43	38.69
22 11 16 00-0322	EA		2-1/2" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	128.99 18.14	40.37
22 11 16 00-0323	EA		2-1/2" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	126.86 19.85	44.12
22 11 16 00-0324	EA		3" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	158.82 20.00	44.41
22 11 16 00-0325	EA		3" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	160.54 20.52	45.60
22 11 16 00-0326	EA		3" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	162.71 21.17	47.08
22 11 16 00-0327	EA		3" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	163.29 21.89	48.65
22 11 16 00-0328	EA		3" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	160.52 23.59	52.40
22 11 16 00-0329	EA		3" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	178.08 27.43	60.99
22 11 16 00-0330	EA		4" x 3/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	262.05 20.68	45.92
22 11 16 00-0331	EA		4" x 1", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	263.69 21.17	47.04
22 11 16 00-0332	EA		4" x 1-1/4", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	265.76 21.79	48.45
22 11 16 00-0333	EA		4" x 1-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	268.03 22.47	49.97
22 11 16 00-0334	EA		4" x 2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	250.69 24.10	53.54
22 11 16 00-0335	EA		4" x 2-1/2", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	285.64 27.76	61.72
22 11 16 00-0336	EA		4" x 3", 150 LB, Galvanized Malleable Iron Bushing..... <i>For Work In Restricted Working Space, Add</i>	284.76 31.32	69.62
22 11 16 00-0337			Galvanized Malleable Iron Floor Flange <small>(22 11 16 00-0013)</small> Note: Excludes fasteners to floor or wall. See CSI section 05 05 19 00-0001 for anchors.		
22 11 16 00-0338	EA		1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	61.47	36.07
22 11 16 00-0339	EA		3/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	67.19	39.48
22 11 16 00-0340	EA		1", 150 LB, Galvanized Malleable Iron Floor Flange.....	77.26	44.61
22 11 16 00-0341	EA		1-1/4", 150 LB, Galvanized Malleable Iron Floor Flange.....	80.33	46.20
22 11 16 00-0342	EA		1-1/2", 150 LB, Galvanized Malleable Iron Floor Flange.....	87.42	50.24
22 11 16 00-0343	EA		2", 150 LB, Galvanized Malleable Iron Floor Flange.....	94.38	52.40
22 11 16 00-0344			Galvanized Cast Iron Flanges <small>(22 11 16 00-0013)</small> Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-0345	EA		3/4", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	121.36 17.77	39.48
22 11 16 00-0346	EA		1", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	115.03 20.07	44.61
22 11 16 00-0347	EA		1-1/4", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	94.69 20.78	46.20
22 11 16 00-0348	EA		1-1/2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	112.90 22.61	50.24
22 11 16 00-0349	EA		2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	128.33 23.59	52.40
22 11 16 00-0350	EA		2-1/2", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	149.09 27.29	60.70
22 11 16 00-0351	EA		3", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	272.42 34.62	76.99
22 11 16 00-0352	EA		4", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	364.35 45.15	100.40
22 11 16 00-0353	EA		5", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	514.90 53.75	119.50
22 11 16 00-0354	EA		6", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	564.66 61.75	137.28
22 11 16 00-0355	EA		8", 125 LB, Galvanized Cast Iron Flange..... <i>For Work In Restricted Working Space, Add</i>	515.78 70.57	156.89
22 11 16 00-0356			Cut And Thread Existing In-Place Galvanized Steel Pipe <small>(22 11 16 00-0013)</small> Note: For use when connecting pipe to an existing in-place system.		
22 11 16 00-0357	EA		1/2", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	32.15 9.65	
22 11 16 00-0358	EA		3/4", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	35.37 10.61	
22 11 16 00-0359	EA		1", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	38.59 11.58	
22 11 16 00-0360	EA		1-1/4", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	41.80 12.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0361 EA 1-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe <i>For Work In Restricted Working Space, Add</i>	43.94 13.18	
22 11 16 00-0362 EA 2", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	46.08 13.82	
22 11 16 00-0363 EA 2-1/2", Cut And Thread Existing In Place Galvanized Steel Pipe <i>For Work In Restricted Working Space, Add</i>	48.23 14.47	
22 11 16 00-0364 EA 3", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	50.37 15.11	
22 11 16 00-0365 EA 4", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	52.51 15.75	
22 11 16 00-0366 EA 6", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	56.80 17.04	
22 11 16 00-0367 EA 8", Cut And Thread Existing In Place Galvanized Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	61.08 18.32	
22 11 16 00-0368 Copper Pipe And Fittings <small>(22 11 16)</small> Note: Excludes hangers. See CSI section 22 11 16 00-0899 for pipe with fittings assembly.		
22 11 16 00-0369 Copper Tube/Pipe <small>(22 11 16 00-0368)</small> Note: Pipe based on inside diameter size. Excludes hangers and fittings (couplers, tees, elbows, etc).		
22 11 16 00-0370 Hard Drawn Type L Copper Tube/Pipe <small>(22 11 16 00-0369)</small>		
22 11 16 00-0371 LF 1/4" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	4.83 0.10 0.51 -0.12 1.08	2.41
22 11 16 00-0372 LF 3/8" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	5.55 0.14 0.60 -0.18 1.13	2.51
22 11 16 00-0373 LF 1/2" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	6.06 0.17 0.66 -0.21 1.18	2.62
22 11 16 00-0374 LF 3/4" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	7.62 0.28 0.85 -0.35 1.25	2.78
22 11 16 00-0375 LF 1" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	9.67 0.40 1.09 -0.50 1.40	3.12
22 11 16 00-0376 LF 1-1/4" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	13.84 0.55 1.56 -0.69 2.09	4.64
22 11 16 00-0377 LF 1-1/2" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	16.63 0.71 1.88 -0.89 2.33	5.18
22 11 16 00-0378 LF 2" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	23.60 1.12 2.71 -1.40 2.87	6.39
22 11 16 00-0379 LF 2-1/2" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	42.82 1.62 4.79 -2.03 6.77	7.51
22 11 16 00-0380 LF 3" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	53.56 2.16 6.03 -2.70 7.96	8.85
22 11 16 00-0381 LF 4" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	78.13 3.85 9.02 -4.82 8.99	9.99
22 11 16 00-0382 LF 5" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	119.49 6.81 14.08 -8.51 10.32	11.47
22 11 16 00-0383 LF 6" Hard Drawn Type L Copper Tube/Pipe <i>For Medical/Oxygen Service Tubing, Add</i> <i>For Up To 20, Add</i> <i>For >150, Deduct</i> <i>For Work In Restricted Working Space, Add</i>	165.25 8.96 19.32 -11.20 15.99	17.77

22	Plumbing
22 10	Plumbing Piping
22 11	Facility Water Distribution

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0384	LF		8" Hard Drawn Type L Copper Tube/Pipe	270.23	19.76
			<i>For Medical/Oxygen Service Tubing, Add</i>	16.88	
			<i>For Up To 20, Add</i>	32.30	
			<i>For >150, Deduct</i>	-21.10	
			<i>For Work In Restricted Working Space, Add</i>	17.78	
22 11 16 00-0385			Hard Drawn Type K Copper Tube/Pipe <small>(22 11 16 00-0385)</small>		
22 11 16 00-0386	LF		1/4" Hard Drawn Type K Copper Tube/Pipe	5.26	2.59
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.11	
			<i>For Up To 20, Add</i>	0.56	
			<i>For >150, Deduct</i>	-0.14	
			<i>For Work In Restricted Working Space, Add</i>	1.17	
22 11 16 00-0387	LF		3/8" Hard Drawn Type K Copper Tube/Pipe	6.90	2.70
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.20	
			<i>For Up To 20, Add</i>	0.75	
			<i>For >150, Deduct</i>	-0.25	
			<i>For Work In Restricted Working Space, Add</i>	1.33	
22 11 16 00-0388	LF		1/2" Hard Drawn Type K Copper Tube/Pipe	7.22	2.81
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.23	
			<i>For Up To 20, Add</i>	0.79	
			<i>For >150, Deduct</i>	-0.29	
			<i>For Work In Restricted Working Space, Add</i>	1.30	
22 11 16 00-0389	LF		3/4" Hard Drawn Type K Copper Tube/Pipe	10.23	2.98
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.42	
			<i>For Up To 20, Add</i>	1.15	
			<i>For >150, Deduct</i>	-0.52	
			<i>For Work In Restricted Working Space, Add</i>	1.51	
22 11 16 00-0390	LF		1" Hard Drawn Type K Copper Tube/Pipe	12.27	3.35
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.55	
			<i>For Up To 20, Add</i>	1.40	
			<i>For >150, Deduct</i>	-0.69	
			<i>For Work In Restricted Working Space, Add</i>	1.60	
22 11 16 00-0391	LF		1-1/4" Hard Drawn Type K Copper Tube/Pipe	16.19	4.99
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.69	
			<i>For Up To 20, Add</i>	1.83	
			<i>For >150, Deduct</i>	-0.86	
			<i>For Work In Restricted Working Space, Add</i>	2.27	
22 11 16 00-0392	LF		1-1/2" Hard Drawn Type K Copper Tube/Pipe	19.55	5.56
			<i>For Medical/Oxygen Service Tubing, Add</i>	0.88	
			<i>For Up To 20, Add</i>	2.23	
			<i>For >150, Deduct</i>	-1.11	
			<i>For Work In Restricted Working Space, Add</i>	2.55	
22 11 16 00-0393	LF		2" Hard Drawn Type K Copper Tube/Pipe	27.40	6.87
			<i>For Medical/Oxygen Service Tubing, Add</i>	1.36	
			<i>For Up To 20, Add</i>	3.16	
			<i>For >150, Deduct</i>	-1.70	
			<i>For Work In Restricted Working Space, Add</i>	3.13	
22 11 16 00-0394	LF		2-1/2" Hard Drawn Type K Copper Tube/Pipe	47.97	8.07
			<i>For Medical/Oxygen Service Tubing, Add</i>	2.02	
			<i>For Up To 20, Add</i>	5.43	
			<i>For >150, Deduct</i>	-2.53	
			<i>For Work In Restricted Working Space, Add</i>	6.80	
22 11 16 00-0395	LF		3" Hard Drawn Type K Copper Tube/Pipe	63.79	9.52
			<i>For Medical/Oxygen Service Tubing, Add</i>	2.77	
			<i>For Up To 20, Add</i>	7.24	
			<i>For >150, Deduct</i>	-3.46	
			<i>For Work In Restricted Working Space, Add</i>	8.76	
22 11 16 00-0396	LF		4" Hard Drawn Type K Copper Tube/Pipe	94.75	10.73
			<i>For Medical/Oxygen Service Tubing, Add</i>	4.93	
			<i>For Up To 20, Add</i>	11.02	
			<i>For >150, Deduct</i>	-6.17	
			<i>For Work In Restricted Working Space, Add</i>	9.93	
22 11 16 00-0397	LF		5" Hard Drawn Type K Copper Tube/Pipe	152.05	12.33
			<i>For Medical/Oxygen Service Tubing, Add</i>	9.04	
			<i>For Up To 20, Add</i>	18.03	
			<i>For >150, Deduct</i>	-11.30	
			<i>For Work In Restricted Working Space, Add</i>	11.72	
22 11 16 00-0398	LF		6" Hard Drawn Type K Copper Tube/Pipe	225.10	19.11
			<i>For Medical/Oxygen Service Tubing, Add</i>	12.97	
			<i>For Up To 20, Add</i>	26.56	
			<i>For >150, Deduct</i>	-16.21	
			<i>For Work In Restricted Working Space, Add</i>	18.89	
22 11 16 00-0399	LF		8" Hard Drawn Type K Copper Tube/Pipe	372.97	21.24
			<i>For Medical/Oxygen Service Tubing, Add</i>	24.29	
			<i>For Up To 20, Add</i>	44.89	
			<i>For >150, Deduct</i>	-30.36	
			<i>For Work In Restricted Working Space, Add</i>	20.81	
22 11 16 00-0400			Hard Drawn Type M Copper Tube/Pipe <small>(22 11 16 00-0385)</small>		
22 11 16 00-0401	LF		3/8" Hard Drawn Type M Copper Tube/Pipe	4.65	2.26
			<i>For Up To 20, Add</i>	0.50	
			<i>For >150, Deduct</i>	-0.14	
			<i>For Work In Restricted Working Space, Add</i>	0.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0402 LF 1/2" Hard Drawn Type M Copper Tube/Pipe	4.93	2.36
For Up To 20, Add	0.53	
For >150, Deduct	-0.16	
For Work In Restricted Working Space, Add	1.01	
22 11 16 00-0403 LF 3/4" Hard Drawn Type M Copper Tube/Pipe	6.12	2.50
For Up To 20, Add	0.68	
For >150, Deduct	-0.25	
For Work In Restricted Working Space, Add	1.08	
22 11 16 00-0404 LF 1" Hard Drawn Type M Copper Tube/Pipe	7.90	2.81
For Up To 20, Add	0.89	
For >150, Deduct	-0.39	
For Work In Restricted Working Space, Add	1.20	
22 11 16 00-0405 LF 1-1/4" Hard Drawn Type M Copper Tube/Pipe	11.85	4.18
For Up To 20, Add	1.33	
For >150, Deduct	-0.57	
For Work In Restricted Working Space, Add	1.85	
22 11 16 00-0406 LF 1-1/2" Hard Drawn Type M Copper Tube/Pipe	14.91	4.66
For Up To 20, Add	1.69	
For >150, Deduct	-0.78	
For Work In Restricted Working Space, Add	2.12	
22 11 16 00-0407 LF 2" Hard Drawn Type M Copper Tube/Pipe	21.11	5.74
For Up To 20, Add	2.42	
For >150, Deduct	-1.23	
For Work In Restricted Working Space, Add	2.63	
22 11 16 00-0408 LF 2-1/2" Hard Drawn Type M Copper Tube/Pipe	39.23	6.76
For Up To 20, Add	4.37	
For >150, Deduct	-1.79	
For Work In Restricted Working Space, Add	6.40	
22 11 16 00-0409 LF 3" Hard Drawn Type M Copper Tube/Pipe	47.75	7.96
For Up To 20, Add	5.37	
For >150, Deduct	-2.38	
For Work In Restricted Working Space, Add	7.18	
22 11 16 00-0410 LF 4" Hard Drawn Type M Copper Tube/Pipe	72.54	8.99
For Up To 20, Add	8.37	
For >150, Deduct	-4.46	
For Work In Restricted Working Space, Add	8.38	
22 11 16 00-0411 LF 5" Hard Drawn Type M Copper Tube/Pipe	118.84	10.32
For Up To 20, Add	14.05	
For >150, Deduct	-8.66	
For Work In Restricted Working Space, Add	9.68	
22 11 16 00-0412 LF 6" Hard Drawn Type M Copper Tube/Pipe	165.63	16.00
For Up To 20, Add	19.45	
For >150, Deduct	-11.57	
For Work In Restricted Working Space, Add	14.99	
22 11 16 00-0413 LF 8" Hard Drawn Type M Copper Tube/Pipe	274.14	17.78
For Up To 20, Add	32.89	
For >150, Deduct	-21.92	
For Work In Restricted Working Space, Add	16.49	
22 11 16 00-0414 Soft Drawn Type L Copper Tube (22 11 16 00-0369)		
22 11 16 00-0415 LF 1/4" Soft Drawn Type L Copper Tube	5.18	2.41
For Up To 20, Add	0.56	
For >150, Deduct	-0.16	
For Work In Restricted Working Space, Add	1.08	
22 11 16 00-0416 LF 3/8" Soft Drawn Type L Copper Tube	6.21	2.51
For Up To 20, Add	0.68	
For >150, Deduct	-0.24	
For Work In Restricted Working Space, Add	1.13	
22 11 16 00-0417 LF 1/2" Soft Drawn Type L Copper Tube	7.21	2.62
For Up To 20, Add	0.80	
For >150, Deduct	-0.33	
For Work In Restricted Working Space, Add	1.18	
22 11 16 00-0418 LF 5/8" Soft Drawn Type L Copper Tube	8.25	2.70
For Up To 20, Add	0.93	
For >150, Deduct	-0.42	
For Work In Restricted Working Space, Add	1.21	
22 11 16 00-0419 LF 3/4" Soft Drawn Type L Copper Tube	9.18	2.78
For Up To 20, Add	1.04	
For >150, Deduct	-0.50	
For Work In Restricted Working Space, Add	1.25	
22 11 16 00-0420 LF 1" Soft Drawn Type L Copper Tube	11.62	3.12
For Up To 20, Add	1.34	
For >150, Deduct	-0.70	
For Work In Restricted Working Space, Add	1.40	
22 11 16 00-0421 LF 1-1/4" Soft Drawn Type L Copper Tube	16.10	4.64
For Up To 20, Add	1.84	
For >150, Deduct	-0.92	
For Work In Restricted Working Space, Add	2.09	
22 11 16 00-0422 LF 1-1/2" Soft Drawn Type L Copper Tube	20.16	5.18
For Up To 20, Add	2.33	
For >150, Deduct	-1.24	
For Work In Restricted Working Space, Add	2.33	
22 11 16 00-0423 LF 2" Soft Drawn Type L Copper Tube	29.30	6.39
For Up To 20, Add	3.42	
For >150, Deduct	-1.97	
For Work In Restricted Working Space, Add	2.87	

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 11 16 00-0424		Soft Drawn Type K Copper Tube <small>(22 11 16 00-0369)</small>		
22 11 16 00-0425	LF	1/4" Soft Drawn Type K Copper Tube.....	5.34	2.41
		<i>For Up To 20, Add</i>	0.58	
		<i>For >150, Deduct</i>	-0.17	
		<i>For Work In Restricted Working Space, Add</i>	1.08	
22 11 16 00-0426	LF	3/8" Soft Drawn Type K Copper Tube.....	6.72	2.51
		<i>For Up To 20, Add</i>	0.75	
		<i>For >150, Deduct</i>	-0.30	
		<i>For Work In Restricted Working Space, Add</i>	1.13	
22 11 16 00-0427	LF	1/2" Soft Drawn Type K Copper Tube.....	7.63	2.62
		<i>For Up To 20, Add</i>	0.86	
		<i>For >150, Deduct</i>	-0.37	
		<i>For Work In Restricted Working Space, Add</i>	1.18	
22 11 16 00-0428	LF	5/8" Soft Drawn Type K Copper Tube.....	8.45	2.70
		<i>For Up To 20, Add</i>	0.96	
		<i>For >150, Deduct</i>	-0.44	
		<i>For Work In Restricted Working Space, Add</i>	1.21	
22 11 16 00-0429	LF	3/4" Soft Drawn Type K Copper Tube.....	11.01	2.78
		<i>For Up To 20, Add</i>	1.27	
		<i>For >150, Deduct</i>	-0.69	
		<i>For Work In Restricted Working Space, Add</i>	1.25	
22 11 16 00-0430	LF	1" Soft Drawn Type K Copper Tube.....	13.76	3.12
		<i>For Up To 20, Add</i>	1.60	
		<i>For >150, Deduct</i>	-0.91	
		<i>For Work In Restricted Working Space, Add</i>	1.40	
22 11 16 00-0431	LF	1-1/4" Soft Drawn Type K Copper Tube.....	17.67	4.64
		<i>For Up To 20, Add</i>	2.04	
		<i>For >150, Deduct</i>	-1.07	
		<i>For Work In Restricted Working Space, Add</i>	2.09	
22 11 16 00-0432	LF	1-1/2" Soft Drawn Type K Copper Tube.....	22.65	5.18
		<i>For Up To 20, Add</i>	2.64	
		<i>For >150, Deduct</i>	-1.49	
		<i>For Work In Restricted Working Space, Add</i>	2.33	
22 11 16 00-0433	LF	2" Soft Drawn Type K Copper Tube.....	32.72	6.39
		<i>For Up To 20, Add</i>	3.85	
		<i>For >150, Deduct</i>	-2.32	
		<i>For Work In Restricted Working Space, Add</i>	2.87	
22 11 16 00-0434	LF	2-1/2" Soft Drawn Type K Copper Tube.....	46.20	7.66
		<i>For Up To 20, Add</i>	5.49	
		<i>For >150, Deduct</i>	-3.47	
		<i>For Work In Restricted Working Space, Add</i>	3.44	
22 11 16 00-0435	LF	3" Soft Drawn Type K Copper Tube.....	61.85	9.04
		<i>For Up To 20, Add</i>	7.39	
		<i>For >150, Deduct</i>	-4.83	
		<i>For Work In Restricted Working Space, Add</i>	4.07	
22 11 16 00-0436		Copper And Brass Fittings <small>(22 11 16 00-0368)</small>		
		Note: All fittings are based on 95/5 solder.		
22 11 16 00-0437		90 Degree Copper Elbows <small>(22 11 16 00-0436)</small>		
22 11 16 00-0438	EA	1/4" 90 Degree Copper Elbow.....	25.83	14.30
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.44	
		<i>For Street Fitting, Add</i>	1.76	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.22	
		<i>For Work In Restricted Working Space, Add</i>	6.43	
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.36	
22 11 16 00-0439	EA	3/8" 90 Degree Copper Elbow.....	30.36	17.15
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.09	
		<i>For Street Fitting, Add</i>	1.86	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.86	
		<i>For Work In Restricted Working Space, Add</i>	7.72	
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.80	
22 11 16 00-0440	EA	1/2" 90 Degree Copper Elbow.....	36.87	23.57
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.38	
		<i>For Street Fitting, Add</i>	0.60	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.31	
		<i>For Work In Restricted Working Space, Add</i>	10.61	
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.61	
22 11 16 00-0441	EA	3/4" 90 Degree Copper Elbow.....	47.32	29.37
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.76	
		<i>For Street Fitting, Add</i>	1.35	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.59	
		<i>For Work In Restricted Working Space, Add</i>	13.18	
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.56	
22 11 16 00-0442	EA	1" 90 Degree Copper Elbow.....	60.79	35.05
		<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.29	
		<i>For Street Fitting, Add</i>	3.31	
		<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.88	
		<i>For Work In Restricted Working Space, Add</i>	15.76	
		<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0443 EA 1-1/4" 90 Degree Copper Elbow	69.17	37.94
For Silver Solder Instead Of 95/5 Solder, Add	9.14	
For Street Fitting, Add	4.95	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.52	
For Work In Restricted Working Space, Add	17.04	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.30	
22 11 16 00-0444 EA 1-1/2" 90 Degree Copper Elbow	81.50	41.48
For Silver Solder Instead Of 95/5 Solder, Add	10.29	
For Street Fitting, Add	7.74	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.32	
For Work In Restricted Working Space, Add	18.65	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.18	
22 11 16 00-0445 EA 2" 90 Degree Copper Elbow	104.92	46.51
For Silver Solder Instead Of 95/5 Solder, Add	12.21	
For Street Fitting, Add	14.10	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.45	
For Work In Restricted Working Space, Add	20.90	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.73	
22 11 16 00-0446 EA 2-1/2" 90 Degree Copper Elbow	138.50	47.37
For Silver Solder Instead Of 95/5 Solder, Add	14.03	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.66	
For Work In Restricted Working Space, Add	21.32	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.48	
22 11 16 00-0447 EA 3" 90 Degree Copper Elbow	179.99	56.65
For Silver Solder Instead Of 95/5 Solder, Add	17.49	
For Brazed Fittings Instead Of 95/5 Solder, Add	12.73	
For Work In Restricted Working Space, Add	25.46	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-13.24	
22 11 16 00-0448 EA 4" 90 Degree Copper Elbow	351.17	80.34
For Silver Solder Instead Of 95/5 Solder, Add	29.60	
For Brazed Fittings Instead Of 95/5 Solder, Add	18.06	
For Work In Restricted Working Space, Add	36.12	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-23.58	
22 11 16 00-0449 EA 5" 90 Degree Copper Elbow	1,131.53	109.95
For Silver Solder Instead Of 95/5 Solder, Add	73.06	
For Brazed Fittings Instead Of 95/5 Solder, Add	24.72	
For Work In Restricted Working Space, Add	49.45	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-64.82	
22 11 16 00-0450 EA 6" 90 Degree Copper Elbow	1,528.54	159.99
For Silver Solder Instead Of 95/5 Solder, Add	100.41	
For Brazed Fittings Instead Of 95/5 Solder, Add	35.98	
For Work In Restricted Working Space, Add	71.95	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-88.42	
22 11 16 00-0451 EA 8" 90 Degree Copper Elbow	5,087.30	213.29
For Silver Solder Instead Of 95/5 Solder, Add	286.34	
For Brazed Fittings Instead Of 95/5 Solder, Add	47.97	
For Work In Restricted Working Space, Add	95.93	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-270.35	
22 11 16 00-0452 90 Degree Brass Elbows <small>(22 11 16 00-0436)</small>		
22 11 16 00-0453 EA 1/2" Drop Ear 90 Degree Brass Elbow	44.81	23.57
For Silver Solder Instead Of 95/5 Solder, Add	5.78	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.31	
For Work In Restricted Working Space, Add	10.61	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.01	
22 11 16 00-0454 EA 3/4" Drop Ear 90 Degree Brass Elbow	71.47	29.37
For Silver Solder Instead Of 95/5 Solder, Add	7.97	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.59	
For Work In Restricted Working Space, Add	13.18	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.77	
22 11 16 00-0455 EA 1/2" Flanged Sink 90 Degree Brass Elbow	52.58	23.57
For Silver Solder Instead Of 95/5 Solder, Add	6.17	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.31	
For Work In Restricted Working Space, Add	10.61	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.40	
22 11 16 00-0456 EA 3/8" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	39.84	17.15
For Silver Solder Instead Of 95/5 Solder, Add	4.56	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.86	
For Work In Restricted Working Space, Add	7.72	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.28	
22 11 16 00-0457 EA 1/2" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	45.48	23.57
For Silver Solder Instead Of 95/5 Solder, Add	5.81	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.31	
For Work In Restricted Working Space, Add	10.61	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.04	
22 11 16 00-0458 EA 3/4" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	61.74	29.37
For Silver Solder Instead Of 95/5 Solder, Add	7.48	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.59	
For Work In Restricted Working Space, Add	13.18	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.28	
22 11 16 00-0459 EA 1" Drop Ear 90 Degree Brass Elbow, Solder X Threaded	109.34	35.05
For Silver Solder Instead Of 95/5 Solder, Add	10.72	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.88	
For Work In Restricted Working Space, Add	15.76	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0460			Reducing 90 Degree Copper Elbows (22 11 16 00-0436)		
22 11 16 00-0461	EA		1/2" Reducing 90 Degree Copper Elbow	47.57	23.57
			For Silver Solder Instead Of 95/5 Solder, Add	5.92	
			For Brazed Fittings Instead Of 95/5 Solder, Add	5.31	
			For Work In Restricted Working Space, Add	10.61	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.15	
22 11 16 00-0462	EA		3/4" Reducing 90 Degree Copper Elbow	52.59	29.37
			For Silver Solder Instead Of 95/5 Solder, Add	7.02	
			For Brazed Fittings Instead Of 95/5 Solder, Add	6.59	
			For Work In Restricted Working Space, Add	13.18	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.83	
22 11 16 00-0463	EA		1" Reducing 90 Degree Copper Elbow	68.40	35.05
			For Silver Solder Instead Of 95/5 Solder, Add	8.67	
			For Brazed Fittings Instead Of 95/5 Solder, Add	7.88	
			For Work In Restricted Working Space, Add	15.76	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.05	
22 11 16 00-0464	EA		1-1/4" Reducing 90 Degree Copper Elbow	97.24	37.94
			For Silver Solder Instead Of 95/5 Solder, Add	10.54	
			For Brazed Fittings Instead Of 95/5 Solder, Add	8.52	
			For Work In Restricted Working Space, Add	17.04	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.70	
22 11 16 00-0465	EA		1-1/2" Reducing 90 Degree Copper Elbow	115.30	41.48
			For Silver Solder Instead Of 95/5 Solder, Add	11.98	
			For Brazed Fittings Instead Of 95/5 Solder, Add	9.32	
			For Work In Restricted Working Space, Add	18.65	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.87	
22 11 16 00-0466	EA		2" Reducing 90 Degree Copper Elbow	141.18	46.51
			For Silver Solder Instead Of 95/5 Solder, Add	14.03	
			For Brazed Fittings Instead Of 95/5 Solder, Add	10.45	
			For Work In Restricted Working Space, Add	20.90	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.54	
22 11 16 00-0467			45 Degree Copper Elbows (22 11 16 00-0436)		
22 11 16 00-0468	EA		1/4" 45 Degree Copper Elbow	29.63	14.30
			For Silver Solder Instead Of 95/5 Solder, Add	3.63	
			For Street Fitting, Add	3.28	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.22	
			For Work In Restricted Working Space, Add	6.43	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.55	
22 11 16 00-0469	EA		3/8" 45 Degree Copper Elbow	32.74	17.15
			For Silver Solder Instead Of 95/5 Solder, Add	4.21	
			For Street Fitting, Add	2.81	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.86	
			For Work In Restricted Working Space, Add	7.72	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.92	
22 11 16 00-0470	EA		1/2" 45 Degree Copper Elbow	38.13	23.57
			For Silver Solder Instead Of 95/5 Solder, Add	5.44	
			For Street Fitting, Add	1.10	
			For Brazed Fittings Instead Of 95/5 Solder, Add	5.31	
			For Work In Restricted Working Space, Add	10.61	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.68	
22 11 16 00-0471	EA		3/4" 45 Degree Copper Elbow	48.66	29.37
			For Silver Solder Instead Of 95/5 Solder, Add	6.83	
			For Street Fitting, Add	1.89	
			For Brazed Fittings Instead Of 95/5 Solder, Add	6.59	
			For Work In Restricted Working Space, Add	13.18	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.63	
22 11 16 00-0472	EA		1" 45 Degree Copper Elbow	64.30	35.05
			For Silver Solder Instead Of 95/5 Solder, Add	8.47	
			For Street Fitting, Add	4.71	
			For Brazed Fittings Instead Of 95/5 Solder, Add	7.88	
			For Work In Restricted Working Space, Add	15.76	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.84	
22 11 16 00-0473	EA		1-1/4" 45 Degree Copper Elbow	72.76	37.94
			For Silver Solder Instead Of 95/5 Solder, Add	9.32	
			For Street Fitting, Add	6.38	
			For Brazed Fittings Instead Of 95/5 Solder, Add	8.52	
			For Work In Restricted Working Space, Add	17.04	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.48	
22 11 16 00-0474	EA		1-1/2" 45 Degree Copper Elbow	81.75	41.48
			For Silver Solder Instead Of 95/5 Solder, Add	10.30	
			For Street Fitting, Add	7.84	
			For Brazed Fittings Instead Of 95/5 Solder, Add	9.32	
			For Work In Restricted Working Space, Add	18.65	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.20	
22 11 16 00-0475	EA		2" 45 Degree Copper Elbow	102.33	46.51
			For Silver Solder Instead Of 95/5 Solder, Add	12.08	
			For Brazed Fittings Instead Of 95/5 Solder, Add	10.45	
			For Work In Restricted Working Space, Add	20.90	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.60	
22 11 16 00-0476	EA		2-1/2" 45 Degree Copper Elbow	137.68	47.37
			For Silver Solder Instead Of 95/5 Solder, Add	13.99	
			For Brazed Fittings Instead Of 95/5 Solder, Add	10.66	
			For Work In Restricted Working Space, Add	21.32	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.44	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0477	EA		3" 45 Degree Copper Elbow	183.73	56.65
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	17.67	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.73	
			<i>For Work In Restricted Working Space, Add</i>	25.46	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.43	
22 11 16 00-0478	EA		4" 45 Degree Copper Elbow	331.20	80.34
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.60	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	18.06	
			<i>For Work In Restricted Working Space, Add</i>	36.12	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-22.58	
22 11 16 00-0479	EA		5" 45 Degree Copper Elbow	981.17	109.95
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	65.54	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	24.72	
			<i>For Work In Restricted Working Space, Add</i>	49.45	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-57.30	
22 11 16 00-0480	EA		6" 45 Degree Copper Elbow	1,526.34	159.99
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	100.30	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	35.98	
			<i>For Work In Restricted Working Space, Add</i>	71.95	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-88.31	
22 11 16 00-0481	EA		8" 45 Degree Copper Elbow	4,691.23	213.29
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	266.54	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	47.97	
			<i>For Work In Restricted Working Space, Add</i>	95.93	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-250.55	
22 11 16 00-0482			Straight Copper And Brass Tees (22 11 16 00-0436)		
22 11 16 00-0483	EA		1/4" Straight Copper Tee	41.34	21.44
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.82	
			<i>For Work In Restricted Working Space, Add</i>	9.65	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.67	
22 11 16 00-0484	EA		3/8" Straight Copper Tee	45.98	25.72
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.16	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.79	
			<i>For Work In Restricted Working Space, Add</i>	11.58	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.23	
22 11 16 00-0485	EA		1/2" Straight Copper Tee	56.18	35.79
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.17	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.04	
			<i>For Work In Restricted Working Space, Add</i>	16.08	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.49	
22 11 16 00-0486	EA		3/4" Straight Copper Tee	72.63	44.37
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.28	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.97	
			<i>For Work In Restricted Working Space, Add</i>	19.94	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.95	
22 11 16 00-0487	EA		1" Straight Copper Tee	97.90	52.94
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.83	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.90	
			<i>For Work In Restricted Working Space, Add</i>	23.79	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.86	
22 11 16 00-0488	EA		1-1/4" Straight Copper Tee	111.63	57.23
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.15	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.86	
			<i>For Work In Restricted Working Space, Add</i>	25.72	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.87	
22 11 16 00-0489	EA		1-1/2" Straight Copper Tee	132.43	62.16
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	15.95	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	13.99	
			<i>For Work In Restricted Working Space, Add</i>	27.97	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.28	
22 11 16 00-0490	EA		2" Straight Copper Tee	167.32	70.09
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	18.87	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	15.75	
			<i>For Work In Restricted Working Space, Add</i>	31.51	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-13.62	
22 11 16 00-0491	EA		2-1/2" Straight Copper Tee	226.80	71.06
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	22.00	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	15.99	
			<i>For Work In Restricted Working Space, Add</i>	31.98	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.67	
22 11 16 00-0492	EA		3" Straight Copper Tee	311.95	85.57
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.43	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	19.25	
			<i>For Work In Restricted Working Space, Add</i>	38.49	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-22.01	
22 11 16 00-0493	EA		4" Straight Copper Tee	624.11	119.82
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	49.17	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	26.94	
			<i>For Work In Restricted Working Space, Add</i>	53.89	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-40.19	
22 11 16 00-0494	EA		5" Straight Copper Tee	1,698.74	163.94
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	109.51	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	36.86	
			<i>For Work In Restricted Working Space, Add</i>	73.73	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-97.22	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0495	EA		6" Straight Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	2,346.47 153.35 54.04 108.08 -135.34	240.33
22 11 16 00-0496	EA		8" Straight Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	8,141.43 455.04 71.95 143.90 -431.06	319.98
22 11 16 00-0497	EA		1/2" Cast Bronze Drop Ear Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	69.51 8.83 8.04 16.08 -6.16	35.79
22 11 16 00-0498			Reducing Copper Tees (22 11 16 00-0436)		
22 11 16 00-0499	EA		3/8" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	48.91 5.87 5.14 10.29 -4.16	22.83
22 11 16 00-0500	EA		1/2" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	61.10 7.88 7.23 14.47 -5.47	32.15
22 11 16 00-0501	EA		3/4" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	68.72 9.65 9.32 18.65 -6.54	41.48
22 11 16 00-0502	EA		1" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	95.87 12.30 11.25 22.51 -8.54	50.05
22 11 16 00-0503	EA		1-1/4" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	113.08 13.80 12.22 24.44 -9.73	54.33
22 11 16 00-0504	EA		1-1/2" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	133.66 15.58 13.34 26.69 -11.13	59.37
22 11 16 00-0505	EA		2" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	164.30 18.18 14.95 29.90 -13.20	66.45
22 11 16 00-0506	EA		2-1/2" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	234.33 21.98 15.40 30.79 -16.85	68.49
22 11 16 00-0507	EA		3" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	334.69 28.58 17.77 35.53 -22.66	78.95
22 11 16 00-0508	EA		4" Reducing Copper Tee <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	601.32 44.67 21.91 43.82 -37.37	97.41
22 11 16 00-0509			Copper Couplings (22 11 16 00-0436)		
22 11 16 00-0510	EA		1/4" Copper Coupling <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	22.32 3.26 3.22 6.43 -2.19	14.30
22 11 16 00-0511	EA		3/8" Copper Coupling <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	26.89 3.92 3.86 7.72 -2.63	17.15
22 11 16 00-0512	EA		1/2" Copper Coupling <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	36.33 5.35 5.31 10.61 -3.59	23.57

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0513 EA 3/4" Copper Coupling.....	45.90	29.37
For Silver Solder Instead Of 95/5 Solder, Add	6.69	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.59	
For Work In Restricted Working Space, Add	13.18	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.49	
22 11 16 00-0514 EA 1" Copper Coupling.....	56.41	35.05
For Silver Solder Instead Of 95/5 Solder, Add	8.07	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.88	
For Work In Restricted Working Space, Add	15.76	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.45	
22 11 16 00-0515 EA 1-1/4" Copper Coupling.....	63.65	37.94
For Silver Solder Instead Of 95/5 Solder, Add	8.86	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.52	
For Work In Restricted Working Space, Add	17.04	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.02	
22 11 16 00-0516 EA 1-1/2" Copper Coupling.....	71.23	41.48
For Silver Solder Instead Of 95/5 Solder, Add	9.78	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.32	
For Work In Restricted Working Space, Add	18.65	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.67	
22 11 16 00-0517 EA 2" Copper Coupling.....	84.74	46.08
For Silver Solder Instead Of 95/5 Solder, Add	11.20	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.45	
For Work In Restricted Working Space, Add	20.90	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.72	
22 11 16 00-0518 EA 2-1/2" Copper Coupling.....	97.35	44.80
For Silver Solder Instead Of 95/5 Solder, Add	11.58	
For Brazed Fittings Instead Of 95/5 Solder, Add	10.07	
For Work In Restricted Working Space, Add	20.13	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-8.22	
22 11 16 00-0519 EA 3" Copper Coupling.....	122.09	54.28
For Silver Solder Instead Of 95/5 Solder, Add	14.20	
For Brazed Fittings Instead Of 95/5 Solder, Add	12.14	
For Work In Restricted Working Space, Add	24.28	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.15	
22 11 16 00-0520 EA 4" Copper Coupling.....	199.23	73.04
For Silver Solder Instead Of 95/5 Solder, Add	20.82	
For Brazed Fittings Instead Of 95/5 Solder, Add	16.29	
For Work In Restricted Working Space, Add	32.57	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-15.39	
22 11 16 00-0521 EA 5" Copper Coupling.....	337.00	133.24
For Silver Solder Instead Of 95/5 Solder, Add	31.66	
For Brazed Fittings Instead Of 95/5 Solder, Add	22.21	
For Work In Restricted Working Space, Add	44.42	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-24.25	
22 11 16 00-0522 EA 6" Copper Coupling.....	529.39	144.78
For Silver Solder Instead Of 95/5 Solder, Add	48.18	
For Brazed Fittings Instead Of 95/5 Solder, Add	32.57	
For Work In Restricted Working Space, Add	65.14	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-37.33	
22 11 16 00-0523 EA 8" Copper Coupling.....	1,300.38	191.97
For Silver Solder Instead Of 95/5 Solder, Add	93.84	
For Brazed Fittings Instead Of 95/5 Solder, Add	43.23	
For Work In Restricted Working Space, Add	86.46	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-79.43	
22 11 16 00-0524 Reducing Copper Couplings (22 11 16 00-0436)		
22 11 16 00-0525 EA 3/8" Reducing Copper Coupling.....	23.36	14.26
For Silver Solder Instead Of 95/5 Solder, Add	3.31	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.22	
For Work In Restricted Working Space, Add	6.43	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.24	
22 11 16 00-0526 EA 1/2" Reducing Copper Coupling.....	32.56	20.36
For Silver Solder Instead Of 95/5 Solder, Add	4.68	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.58	
For Work In Restricted Working Space, Add	9.17	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.16	
22 11 16 00-0527 EA 3/4" Reducing Copper Coupling.....	43.12	26.48
For Silver Solder Instead Of 95/5 Solder, Add	6.12	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.95	
For Work In Restricted Working Space, Add	11.90	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.14	
22 11 16 00-0528 EA 1" Reducing Copper Coupling.....	54.50	32.15
For Silver Solder Instead Of 95/5 Solder, Add	7.55	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.23	
For Work In Restricted Working Space, Add	14.47	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.14	
22 11 16 00-0529 EA 1-1/4" Reducing Copper Coupling.....	63.38	36.44
For Silver Solder Instead Of 95/5 Solder, Add	8.63	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.20	
For Work In Restricted Working Space, Add	16.40	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.90	
22 11 16 00-0530 EA 1-1/2" Reducing Copper Coupling.....	73.93	39.65
For Silver Solder Instead Of 95/5 Solder, Add	9.64	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.92	
For Work In Restricted Working Space, Add	17.84	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0531	EA	2"	Reducing Copper Coupling.....	88.26	43.94
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.00	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.89	
			<i>For Work In Restricted Working Space, Add</i>	19.77	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.71	
22 11 16 00-0532	EA	2-1/2"	Reducing Copper Coupling.....	112.46	45.11
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.38	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	10.14	
			<i>For Work In Restricted Working Space, Add</i>	20.28	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.00	
22 11 16 00-0533	EA	3"	Reducing Copper Coupling.....	133.43	52.31
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.70	
			<i>For Work In Restricted Working Space, Add</i>	23.39	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.57	
22 11 16 00-0534	EA	4"	Reducing Copper Coupling.....	212.74	68.49
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	20.90	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	15.40	
			<i>For Work In Restricted Working Space, Add</i>	30.79	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-15.77	
22 11 16 00-0535	EA	5"	Reducing Copper Coupling.....	573.65	95.44
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	42.99	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	21.47	
			<i>For Work In Restricted Working Space, Add</i>	42.93	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-35.84	
22 11 16 00-0536	EA	6"	Reducing Copper Coupling.....	859.18	128.30
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	62.21	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	28.87	
			<i>For Work In Restricted Working Space, Add</i>	57.74	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-52.58	
22 11 16 00-0537	EA	8"	Reducing Copper Coupling.....	1,693.69	186.96
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	112.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	42.05	
			<i>For Work In Restricted Working Space, Add</i>	84.09	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-98.70	
22 11 16 00-0538			Male Copper Adapters (22 11 16 00-0436)		
22 11 16 00-0539	EA	1/4"	Male Copper Adapter.....	36.94	13.93
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	3.99	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.22	
			<i>For Work In Restricted Working Space, Add</i>	6.43	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.92	
22 11 16 00-0540	EA	3/8"	Male Copper Adapter.....	33.45	17.15
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.24	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.86	
			<i>For Work In Restricted Working Space, Add</i>	7.72	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-2.96	
22 11 16 00-0541	EA	1/2"	Male Copper Adapter.....	35.28	21.44
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	4.98	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.82	
			<i>For Work In Restricted Working Space, Add</i>	9.65	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-3.37	
22 11 16 00-0542	EA	3/4"	Male Copper Adapter.....	44.96	26.79
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.21	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.95	
			<i>For Work In Restricted Working Space, Add</i>	11.90	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.23	
22 11 16 00-0543	EA	1"	Male Copper Adapter.....	59.57	31.08
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.59	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.91	
			<i>For Work In Restricted Working Space, Add</i>	13.82	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.28	
22 11 16 00-0544	EA	1-1/4"	Male Copper Adapter.....	73.23	35.37
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.02	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.04	
			<i>For Work In Restricted Working Space, Add</i>	16.08	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.34	
22 11 16 00-0545	EA	1-1/2"	Male Copper Adapter.....	84.07	40.72
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.31	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.16	
			<i>For Work In Restricted Working Space, Add</i>	18.33	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.26	
22 11 16 00-0546	EA	2"	Male Copper Adapter.....	117.13	51.97
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.68	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.74	
			<i>For Work In Restricted Working Space, Add</i>	23.47	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.77	
22 11 16 00-0547	EA	2-1/2"	Male Copper Adapter.....	221.39	67.52
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.14	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	15.11	
			<i>For Work In Restricted Working Space, Add</i>	30.22	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-16.11	
22 11 16 00-0548	EA	3"	Male Copper Adapter.....	293.96	90.06
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	28.12	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	20.13	
			<i>For Work In Restricted Working Space, Add</i>	40.27	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-21.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0549 EA 4" Male Copper Adapter	444.95	126.33
For Silver Solder Instead Of 95/5 Solder, Add	41.20	
For Brazed Fittings Instead Of 95/5 Solder, Add	28.43	
For Work In Restricted Working Space, Add	56.85	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-31.72	
22 11 16 00-0550 Female Copper Adapters (22 11 16 00-0436)		
22 11 16 00-0551 EA 1/4" Female Copper Adapter	31.34	13.93
For Silver Solder Instead Of 95/5 Solder, Add	3.71	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.22	
For Work In Restricted Working Space, Add	6.43	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.64	
22 11 16 00-0552 EA 3/8" Female Copper Adapter	36.08	17.15
For Silver Solder Instead Of 95/5 Solder, Add	4.38	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.86	
For Work In Restricted Working Space, Add	7.72	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.09	
22 11 16 00-0553 EA 1/2" Female Copper Adapter	37.16	21.44
For Silver Solder Instead Of 95/5 Solder, Add	5.07	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.82	
For Work In Restricted Working Space, Add	9.65	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.47	
22 11 16 00-0554 EA 3/4" Female Copper Adapter	46.50	26.79
For Silver Solder Instead Of 95/5 Solder, Add	6.29	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.95	
For Work In Restricted Working Space, Add	11.90	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.31	
22 11 16 00-0555 EA 1" Female Copper Adapter	61.75	31.08
For Silver Solder Instead Of 95/5 Solder, Add	7.70	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.91	
For Work In Restricted Working Space, Add	13.82	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.39	
22 11 16 00-0556 EA 1-1/4" Female Copper Adapter	76.57	35.37
For Silver Solder Instead Of 95/5 Solder, Add	9.19	
For Brazed Fittings Instead Of 95/5 Solder, Add	8.04	
For Work In Restricted Working Space, Add	16.08	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.51	
22 11 16 00-0557 EA 1-1/2" Female Copper Adapter	97.06	40.72
For Silver Solder Instead Of 95/5 Solder, Add	10.96	
For Brazed Fittings Instead Of 95/5 Solder, Add	9.16	
For Work In Restricted Working Space, Add	18.33	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.91	
22 11 16 00-0558 EA 2" Female Copper Adapter	127.04	51.97
For Silver Solder Instead Of 95/5 Solder, Add	14.18	
For Brazed Fittings Instead Of 95/5 Solder, Add	11.74	
For Work In Restricted Working Space, Add	23.47	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-10.26	
22 11 16 00-0559 EA 2-1/2" Female Copper Adapter	263.02	62.18
For Silver Solder Instead Of 95/5 Solder, Add	22.43	
For Brazed Fittings Instead Of 95/5 Solder, Add	13.92	
For Work In Restricted Working Space, Add	27.83	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-17.79	
22 11 16 00-0560 EA 3" Female Copper Adapter	421.01	90.06
For Silver Solder Instead Of 95/5 Solder, Add	34.47	
For Brazed Fittings Instead Of 95/5 Solder, Add	20.13	
For Work In Restricted Working Space, Add	40.27	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-27.76	
22 11 16 00-0561 Wrot Copper, Solder Union (22 11 16 00-0436)		
22 11 16 00-0562 EA 1/4" Wrot Copper, Solder Union	47.61	17.15
For Silver Solder Instead Of 95/5 Solder, Add	4.95	
For Brazed Fittings Instead Of 95/5 Solder, Add	3.86	
For Work In Restricted Working Space, Add	7.72	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.67	
22 11 16 00-0563 EA 3/8" Wrot Copper, Solder Union	53.63	20.68
For Silver Solder Instead Of 95/5 Solder, Add	5.79	
For Brazed Fittings Instead Of 95/5 Solder, Add	4.66	
For Work In Restricted Working Space, Add	9.32	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.24	
22 11 16 00-0564 EA 1/2" Wrot Copper, Solder Union	52.53	25.72
For Silver Solder Instead Of 95/5 Solder, Add	6.49	
For Brazed Fittings Instead Of 95/5 Solder, Add	5.79	
For Work In Restricted Working Space, Add	11.58	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.56	
22 11 16 00-0565 EA 3/4" Wrot Copper, Solder Union	61.08	29.37
For Silver Solder Instead Of 95/5 Solder, Add	7.45	
For Brazed Fittings Instead Of 95/5 Solder, Add	6.59	
For Work In Restricted Working Space, Add	13.18	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.25	
22 11 16 00-0566 EA 1" Wrot Copper, Solder Union	81.98	35.05
For Silver Solder Instead Of 95/5 Solder, Add	9.35	
For Brazed Fittings Instead Of 95/5 Solder, Add	7.88	
For Work In Restricted Working Space, Add	15.76	
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0567	EA	1-1/4"	Wrot Copper, Solder Union	100.53	38.59
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	10.81	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.68	
			<i>For Work In Restricted Working Space, Add</i>	17.36	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-7.92	
22 11 16 00-0568	EA	1-1/2"	Wrot Copper, Solder Union	124.45	42.87
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.65	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.65	
			<i>For Work In Restricted Working Space, Add</i>	19.29	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-9.44	
22 11 16 00-0569	EA	2"	Wrot Copper, Solder Union	179.68	51.44
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.70	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.57	
			<i>For Work In Restricted Working Space, Add</i>	23.15	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-12.84	
22 11 16 00-0570	EA	2-1/2"	Wrot Copper, Solder Union	364.45	56.65
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	26.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.73	
			<i>For Work In Restricted Working Space, Add</i>	25.46	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-22.47	
22 11 16 00-0571	EA	3"	Wrot Copper, Solder Union	843.87	80.34
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	54.23	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	18.06	
			<i>For Work In Restricted Working Space, Add</i>	36.12	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-48.21	
22 11 16 00-0572			Cast Bronze, Solder Union (22 11 16 00-0436)		
22 11 16 00-0573	EA	1/4"	Cast Bronze, Solder Union	55.68	17.15
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.36	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.86	
			<i>For Work In Restricted Working Space, Add</i>	7.72	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.07	
22 11 16 00-0574	EA	3/8"	Cast Bronze, Solder Union	61.25	20.68
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.17	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.66	
			<i>For Work In Restricted Working Space, Add</i>	9.32	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.62	
22 11 16 00-0575	EA	1/2"	Cast Bronze, Solder Union	54.65	25.72
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.59	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.79	
			<i>For Work In Restricted Working Space, Add</i>	11.58	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.66	
22 11 16 00-0576	EA	3/4"	Cast Bronze, Solder Union	64.08	29.37
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.60	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.59	
			<i>For Work In Restricted Working Space, Add</i>	13.18	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.40	
22 11 16 00-0577	EA	1"	Cast Bronze, Solder Union	87.18	35.05
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	9.61	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.88	
			<i>For Work In Restricted Working Space, Add</i>	15.76	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.99	
22 11 16 00-0578	EA	1-1/4"	Cast Bronze, Solder Union	114.75	38.59
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	11.52	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.68	
			<i>For Work In Restricted Working Space, Add</i>	17.36	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-8.63	
22 11 16 00-0579	EA	1-1/2"	Cast Bronze, Solder Union	139.29	42.87
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	13.40	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.65	
			<i>For Work In Restricted Working Space, Add</i>	19.29	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.18	
22 11 16 00-0580	EA	2"	Cast Bronze, Solder Union	204.94	51.44
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	17.96	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.57	
			<i>For Work In Restricted Working Space, Add</i>	23.15	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-14.11	
22 11 16 00-0581	EA	2-1/2"	Cast Bronze, Solder Union	364.44	56.65
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	26.71	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.73	
			<i>For Work In Restricted Working Space, Add</i>	25.46	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-22.47	
22 11 16 00-0582	EA	3"	Cast Bronze, Solder Union	843.87	80.34
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	54.23	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	18.06	
			<i>For Work In Restricted Working Space, Add</i>	36.12	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-48.21	
22 11 16 00-0583			Cast Bronze, Solder X Female Threaded Union (22 11 16 00-0436)		
22 11 16 00-0584	EA	1/4"	Cast Bronze, Solder X Female Threaded Union	66.58	17.15
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.90	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.86	
			<i>For Work In Restricted Working Space, Add</i>	7.72	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0585	EA		3/8" Cast Bronze, Solder X Female Threaded Union.....	73.35	20.68
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.78	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.66	
			<i>For Work In Restricted Working Space, Add</i>	9.32	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.22	
22 11 16 00-0586	EA		1/2" Cast Bronze, Solder X Female Threaded Union.....	72.17	25.72
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.47	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.79	
			<i>For Work In Restricted Working Space, Add</i>	11.58	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.54	
22 11 16 00-0587	EA		3/4" Cast Bronze, Solder X Female Threaded Union.....	89.71	29.37
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.88	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.59	
			<i>For Work In Restricted Working Space, Add</i>	13.18	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.68	
22 11 16 00-0588	EA		1" Cast Bronze, Solder X Female Threaded Union	147.72	35.05
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.64	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.88	
			<i>For Work In Restricted Working Space, Add</i>	15.76	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.01	
22 11 16 00-0589	EA		1-1/4" Cast Bronze, Solder X Female Threaded Union	235.28	38.59
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	17.55	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.68	
			<i>For Work In Restricted Working Space, Add</i>	17.36	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-14.66	
22 11 16 00-0590	EA		1-1/2" Cast Bronze, Solder X Female Threaded Union	289.07	42.87
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	20.88	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.65	
			<i>For Work In Restricted Working Space, Add</i>	19.29	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-17.67	
22 11 16 00-0591	EA		2" Cast Bronze, Solder X Female Threaded Union	457.61	51.44
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	30.60	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.57	
			<i>For Work In Restricted Working Space, Add</i>	23.15	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-26.74	
22 11 16 00-0592	EA		2-1/2" Cast Bronze, Solder X Female Threaded Union	806.10	56.65
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	48.79	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.73	
			<i>For Work In Restricted Working Space, Add</i>	25.46	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-44.55	
22 11 16 00-0593			Cast Bronze, Solder X Male Threaded Union (22 11 16 00-0436)		
22 11 16 00-0594	EA		1/4" Cast Bronze, Solder X Male Threaded Union.....	56.84	17.15
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	5.41	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	3.86	
			<i>For Work In Restricted Working Space, Add</i>	7.72	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.13	
22 11 16 00-0595	EA		3/8" Cast Bronze, Solder X Male Threaded Union.....	67.40	20.68
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	6.48	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	4.66	
			<i>For Work In Restricted Working Space, Add</i>	9.32	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-4.92	
22 11 16 00-0596	EA		1/2" Cast Bronze, Solder X Male Threaded Union.....	65.09	25.72
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	7.11	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	5.79	
			<i>For Work In Restricted Working Space, Add</i>	11.58	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-5.18	
22 11 16 00-0597	EA		3/4" Cast Bronze, Solder X Male Threaded Union.....	83.72	29.37
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	8.58	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	6.59	
			<i>For Work In Restricted Working Space, Add</i>	13.18	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-6.38	
22 11 16 00-0598	EA		1" Cast Bronze, Solder X Male Threaded Union.....	150.46	35.05
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	12.78	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	7.88	
			<i>For Work In Restricted Working Space, Add</i>	15.76	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-10.15	
22 11 16 00-0599	EA		1-1/4" Cast Bronze, Solder X Male Threaded Union.....	179.36	38.59
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	14.76	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	8.68	
			<i>For Work In Restricted Working Space, Add</i>	17.36	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-11.86	
22 11 16 00-0600	EA		1-1/2" Cast Bronze, Solder X Male Threaded Union.....	191.92	42.87
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	16.03	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	9.65	
			<i>For Work In Restricted Working Space, Add</i>	19.29	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-12.81	
22 11 16 00-0601	EA		2" Cast Bronze, Solder X Male Threaded Union.....	273.17	51.44
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	21.37	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	11.57	
			<i>For Work In Restricted Working Space, Add</i>	23.15	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-17.52	
22 11 16 00-0602	EA		2-1/2" Cast Bronze, Solder X Male Threaded Union.....	659.31	56.65
			<i>For Silver Solder Instead Of 95/5 Solder, Add</i>	41.45	
			<i>For Brazed Fittings Instead Of 95/5 Solder, Add</i>	12.73	
			<i>For Work In Restricted Working Space, Add</i>	25.46	
			<i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	-37.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0603			Copper Caps (22 11 16 00-0436)		
22 11 16 00-0604	EA		1/4" Copper Cap	8.41	4.71
			For Silver Solder Instead Of 95/5 Solder, Add	1.13	
			For Brazed Fittings Instead Of 95/5 Solder, Add	1.06	
			For Work In Restricted Working Space, Add	2.12	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-0.77	
22 11 16 00-0605	EA		3/8" Copper Cap	10.62	5.57
			For Silver Solder Instead Of 95/5 Solder, Add	1.38	
			For Brazed Fittings Instead Of 95/5 Solder, Add	1.27	
			For Work In Restricted Working Space, Add	2.55	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-0.96	
22 11 16 00-0606	EA		1/2" Copper Cap	12.76	7.72
			For Silver Solder Instead Of 95/5 Solder, Add	1.81	
			For Brazed Fittings Instead Of 95/5 Solder, Add	1.75	
			For Work In Restricted Working Space, Add	3.50	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.22	
22 11 16 00-0607	EA		3/4" Copper Cap	16.55	9.54
			For Silver Solder Instead Of 95/5 Solder, Add	2.28	
			For Brazed Fittings Instead Of 95/5 Solder, Add	2.18	
			For Work In Restricted Working Space, Add	4.35	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.55	
22 11 16 00-0608	EA		1" Copper Cap	22.13	11.46
			For Silver Solder Instead Of 95/5 Solder, Add	2.84	
			For Brazed Fittings Instead Of 95/5 Solder, Add	2.60	
			For Work In Restricted Working Space, Add	5.20	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-1.97	
22 11 16 00-0609	EA		1-1/4" Copper Cap	25.18	12.32
			For Silver Solder Instead Of 95/5 Solder, Add	3.13	
			For Brazed Fittings Instead Of 95/5 Solder, Add	2.81	
			For Work In Restricted Working Space, Add	5.63	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.20	
22 11 16 00-0610	EA		1-1/2" Copper Cap	29.87	13.50
			For Silver Solder Instead Of 95/5 Solder, Add	3.54	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.08	
			For Work In Restricted Working Space, Add	6.15	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.52	
22 11 16 00-0611	EA		2" Copper Cap	38.47	14.01
			For Silver Solder Instead Of 95/5 Solder, Add	4.04	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.18	
			For Work In Restricted Working Space, Add	6.35	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.98	
22 11 16 00-0612	EA		2-1/2" Copper Cap	75.41	16.38
			For Silver Solder Instead Of 95/5 Solder, Add	6.26	
			For Brazed Fittings Instead Of 95/5 Solder, Add	3.73	
			For Work In Restricted Working Space, Add	7.46	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-5.01	
22 11 16 00-0613	EA		3" Copper Cap	104.20	21.03
			For Silver Solder Instead Of 95/5 Solder, Add	8.39	
			For Brazed Fittings Instead Of 95/5 Solder, Add	4.77	
			For Work In Restricted Working Space, Add	9.55	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-6.80	
22 11 16 00-0614	EA		4" Copper Cap	184.75	31.78
			For Silver Solder Instead Of 95/5 Solder, Add	14.05	
			For Brazed Fittings Instead Of 95/5 Solder, Add	7.22	
			For Work In Restricted Working Space, Add	14.45	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-11.65	
22 11 16 00-0615	EA		5" Cast Bronze Cap	1,034.27	48.96
			For Silver Solder Instead Of 95/5 Solder, Add	59.13	
			For Brazed Fittings Instead Of 95/5 Solder, Add	11.13	
			For Work In Restricted Working Space, Add	22.25	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-55.42	
22 11 16 00-0616	EA		6" Cast Bronze Cap	2,020.79	71.26
			For Silver Solder Instead Of 95/5 Solder, Add	111.83	
			For Brazed Fittings Instead Of 95/5 Solder, Add	16.19	
			For Work In Restricted Working Space, Add	32.38	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-106.44	
22 11 16 00-0617	EA		8" Cast Bronze Cap	2,571.63	94.95
			For Silver Solder Instead Of 95/5 Solder, Add	142.97	
			For Brazed Fittings Instead Of 95/5 Solder, Add	21.59	
			For Work In Restricted Working Space, Add	43.17	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-135.78	
22 11 16 00-0618			Copper Crosses (22 11 16 00-0436)		
22 11 16 00-0619	EA		1/2" Copper Cross	82.38	43.42
			For Silver Solder Instead Of 95/5 Solder, Add	10.63	
			For Brazed Fittings Instead Of 95/5 Solder, Add	9.77	
			For Work In Restricted Working Space, Add	19.55	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.38	
22 11 16 00-0620	EA		3/4" Copper Cross	114.42	53.99
			For Silver Solder Instead Of 95/5 Solder, Add	13.81	
			For Brazed Fittings Instead Of 95/5 Solder, Add	12.14	
			For Work In Restricted Working Space, Add	24.28	
			For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-9.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0621 EA 1" Copper Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	153.62 17.35 14.51 29.02 -12.52	64.45
22 11 16 00-0622 EA 1-1/4" Copper Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	186.40 19.78 15.69 31.39 -14.55	69.78
22 11 16 00-0623 EA 1-1/2" Copper Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	231.05 23.00 17.17 34.35 -17.28	76.29
22 11 16 00-0624 EA 2" Copper Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	348.51 30.26 19.25 38.49 -23.84	85.57
22 11 16 00-0625 EA 2-1/2" Copper Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	649.71 46.70 21.32 42.64 -39.59	94.75
22 11 16 00-0626 Cast Bronze Crosses (22 11 16 00-0436)		
22 11 16 00-0627 EA 3/8" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	70.35 8.25 7.11 14.21 -5.89	31.58
22 11 16 00-0628 EA 1/2" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	85.83 10.81 9.77 19.55 -7.55	43.42
22 11 16 00-0629 EA 3/4" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	121.12 14.15 12.14 24.28 -10.10	53.99
22 11 16 00-0630 EA 1" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	164.98 17.92 14.51 29.02 -13.09	64.45
22 11 16 00-0631 EA 1-1/4" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	202.75 20.60 15.69 31.39 -15.37	69.78
22 11 16 00-0632 EA 1-1/2" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	254.36 24.17 17.17 34.35 -18.44	76.29
22 11 16 00-0633 EA 2" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	386.03 32.13 19.25 38.49 -25.72	85.57
22 11 16 00-0634 EA 2-1/2" Cast Bronze Cross <i>For Silver Solder Instead Of 95/5 Solder, Add</i> <i>For Brazed Fittings Instead Of 95/5 Solder, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i>	751.23 51.77 21.32 42.64 -44.67	94.75
22 11 16 00-0635 Flexible Corrugated Copper Supply Line (22 11 16 00-0436)		
22 11 16 00-0636 EA 3/4" Threaded x 3/4" Solder x 18" Long, Flexible Corrugated Copper Supply Line	95.82	29.37
22 11 16 00-0637 EA 3/4" Threaded x 3/4" Solder x 24" Long, Flexible Corrugated Copper Supply Line	102.06	29.37
22 11 16 00-0638 EA 3/4" Threaded x 3/4" Threaded x 12" Long, Flexible Corrugated Copper Supply Line	84.59	29.37
22 11 16 00-0639 EA 3/4" Threaded x 3/4" Threaded x 15" Long, Flexible Corrugated Copper Supply Line	91.66	29.37
22 11 16 00-0640 EA 3/4" Threaded x 3/4" Threaded x 18" Long, Flexible Corrugated Copper Supply Line	97.90	29.37
22 11 16 00-0641 EA 3/4" Threaded x 3/4" Threaded x 24" Long, Flexible Corrugated Copper Supply Line	102.06	29.37
22 11 16 00-0642 Crimped Copper Fittings (22 11 16 00-0368) Note: Viega ProPress type. Includes factory installed ethylene propylene diene monomer (EPDM) sealing elements.		
22 11 16 00-0643 Crimped Copper 90 Degree Elbows (22 11 16 00-0642)		
22 11 16 00-0644 EA 1/2" Crimped Copper 90 Degree Elbow	24.60	12.87
22 11 16 00-0645 EA 3/4" Crimped Copper 90 Degree Elbow	30.97	14.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0646 EA 1" Crimped Copper 90 Degree Elbow	44.27	17.47
22 11 16 00-0647 EA 1-1/4" Crimped Copper 90 Degree Elbow	65.31	19.29
22 11 16 00-0648 EA 1-1/2" Crimped Copper 90 Degree Elbow	101.04	21.44
22 11 16 00-0649 EA 2" Crimped Copper 90 Degree Elbow	134.33	25.72
22 11 16 00-0650 EA 2-1/2" Crimped Copper 90 Degree Elbow	323.11	30.01
22 11 16 00-0651 EA 3" Crimped Copper 90 Degree Elbow	403.47	35.68
22 11 16 00-0652 EA 4" Crimped Copper 90 Degree Elbow	503.61	47.16
22 11 16 00-0653 Crimped Copper 45 Degree Elbows (22 11 16 00-0642)		
22 11 16 00-0654 EA 1/2" Crimped Copper 45 Degree Elbow	25.47	12.87
22 11 16 00-0655 EA 3/4" Crimped Copper 45 Degree Elbow	29.56	14.68
22 11 16 00-0656 EA 1" Crimped Copper 45 Degree Elbow	50.64	17.47
22 11 16 00-0657 EA 1-1/4" Crimped Copper 45 Degree Elbow	63.90	19.29
22 11 16 00-0658 EA 1-1/2" Crimped Copper 45 Degree Elbow	88.86	21.44
22 11 16 00-0659 EA 2" Crimped Copper 45 Degree Elbow	117.91	25.72
22 11 16 00-0660 EA 2-1/2" Crimped Copper 45 Degree Elbow	228.71	30.01
22 11 16 00-0661 EA 3" Crimped Copper 45 Degree Elbow	316.05	35.68
22 11 16 00-0662 EA 4" Crimped Copper 45 Degree Elbow	435.23	47.16
22 11 16 00-0663 Crimped Copper Straight Tees (22 11 16 00-0642)		
22 11 16 00-0664 EA 1/2" Crimped Copper Straight Tee	37.05	19.29
22 11 16 00-0665 EA 3/4" Crimped Copper Straight Tee	52.34	25.40
22 11 16 00-0666 EA 1" Crimped Copper Straight Tee	68.12	28.19
22 11 16 00-0667 EA 1-1/4" Crimped Copper Straight Tee	87.03	28.93
22 11 16 00-0668 EA 1-1/2" Crimped Copper Straight Tee	134.07	32.90
22 11 16 00-0669 EA 2" Crimped Copper Straight Tee	162.61	38.59
22 11 16 00-0670 EA 2-1/2" Crimped Copper Straight Tee	411.11	45.01
22 11 16 00-0671 EA 3" Crimped Copper Straight Tee	509.85	53.59
22 11 16 00-0672 EA 4" Crimped Copper Straight Tee	708.73	70.73
22 11 16 00-0673 Crimped Copper Reducing Tees (22 11 16 00-0642)		
22 11 16 00-0674 EA 3/4" Crimped Copper Reducing Tee	49.62	18.33
22 11 16 00-0675 EA 1" Crimped Copper Reducing Tee	75.34	24.12
22 11 16 00-0676 EA 1-1/4" Crimped Copper Reducing Tee	80.10	26.79
22 11 16 00-0677 EA 1-1/2" Crimped Copper Reducing Tee	116.52	27.54
22 11 16 00-0678 EA 2" Crimped Copper Reducing Tee	142.05	31.19
22 11 16 00-0679 EA 2-1/2" Crimped Copper Reducing Tee	457.21	35.37
22 11 16 00-0680 EA 3" Crimped Copper Reducing Tee	558.41	42.87
22 11 16 00-0681 EA 4" Crimped Copper Reducing Tee	647.88	57.12
22 11 16 00-0682 Crimped Copper Couplings (22 11 16 00-0642)		
22 11 16 00-0683 EA 1/2" Crimped Copper Coupling	24.07	12.87
22 11 16 00-0684 EA 3/4" Crimped Copper Coupling	29.21	14.68
22 11 16 00-0685 EA 1" Crimped Copper Coupling	40.90	17.47
22 11 16 00-0686 EA 1-1/4" Crimped Copper Coupling	47.13	19.29
22 11 16 00-0687 EA 1-1/2" Crimped Copper Coupling	66.06	21.44
22 11 16 00-0688 EA 2" Crimped Copper Coupling	81.87	25.72
22 11 16 00-0689 EA 2-1/2" Crimped Copper Coupling	183.52	30.01
22 11 16 00-0690 EA 3" Crimped Copper Coupling	229.98	35.68
22 11 16 00-0691 EA 4" Crimped Copper Coupling	315.66	47.16
22 11 16 00-0692 Crimped Copper Reducing Couplings (22 11 16 00-0642)		
22 11 16 00-0693 EA 3/4" Crimped Copper Reducing Coupling	40.06	12.22
22 11 16 00-0694 EA 1" Crimped Copper Reducing Coupling	45.81	13.93
22 11 16 00-0695 EA 1-1/4" Crimped Copper Reducing Coupling	61.19	16.61
22 11 16 00-0696 EA 1-1/2" Crimped Copper Reducing Coupling	80.88	18.33
22 11 16 00-0697 EA 2" Crimped Copper Reducing Coupling	90.60	20.36
22 11 16 00-0698 EA 2-1/2" Crimped Copper FTG x C Reducing Coupling	200.06	24.33
22 11 16 00-0699 EA 3" Crimped Copper FTG x C Reducing Coupling	251.57	28.61
22 11 16 00-0700 EA 4" Crimped Copper FTG x C Reducing Coupling	326.06	37.83
22 11 16 00-0701 Crimped Copper Male Adapters (22 11 16 00-0642)		
22 11 16 00-0702 EA 1/2" Crimped Copper Male Adapter	25.13	12.87
22 11 16 00-0703 EA 3/4" Crimped Copper Male Adapter	32.56	14.68
22 11 16 00-0704 EA 1" Crimped Copper Male Adapter	45.68	17.47
22 11 16 00-0705 EA 1-1/4" Crimped Copper Male Adapter	71.49	19.29
22 11 16 00-0706 EA 1-1/2" Crimped Copper Male Adapter	91.86	21.44
22 11 16 00-0707 EA 2" Crimped Copper Male Adapter	153.57	25.72
22 11 16 00-0708 EA 2-1/2" Crimped Copper Male Adapter	323.11	30.01
22 11 16 00-0709 EA 3" Crimped Copper Male Adapter	403.47	35.68
22 11 16 00-0710 EA 4" Crimped Copper Male Adapter	475.73	47.16
22 11 16 00-0711 Crimped Copper Female Adapters (22 11 16 00-0642)		
22 11 16 00-0712 EA 1/2" Crimped Copper Female Adapter	26.35	12.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0713 EA 3/4" Crimped Copper Female Adapter.....	33.46	14.68
22 11 16 00-0714 EA 1" Crimped Copper Female Adapter.....	47.45	17.47
22 11 16 00-0715 EA 1-1/4" Crimped Copper Female Adapter.....	76.80	19.29
22 11 16 00-0716 EA 1-1/2" Crimped Copper Female Adapter.....	101.75	21.44
22 11 16 00-0717 EA 2" Crimped Copper Female Adapter.....	156.76	25.72
22 11 16 00-0718 Crimped Copper Caps (22 11 16 00-0642)		
22 11 16 00-0719 EA 1/2" Crimped Copper Cap.....	19.88	6.43
22 11 16 00-0720 EA 3/4" Crimped Copper Cap.....	28.55	7.51
22 11 16 00-0721 EA 1" Crimped Copper Cap.....	39.54	8.57
22 11 16 00-0722 EA 1-1/4" Crimped Copper Cap.....	44.67	9.64
22 11 16 00-0723 EA 1-1/2" Crimped Copper Cap.....	63.42	11.04
22 11 16 00-0724 EA 2" Crimped Copper Cap.....	76.16	12.87
22 11 16 00-0725 EA 2-1/2" Crimped Copper Cap.....	204.35	15.00
22 11 16 00-0726 EA 3" Crimped Copper Cap.....	256.92	17.90
22 11 16 00-0727 EA 4" Crimped Copper Cap.....	342.04	23.57
22 11 16 00-0728 C x F NPT Crimped Bronze Unions (22 11 16 00-0642)		
22 11 16 00-0729 EA 1/2" C x F NPT Crimped Bronze Union.....	56.29	17.47
22 11 16 00-0730 EA 3/4" C x F NPT Crimped Bronze Union.....	70.76	21.54
22 11 16 00-0731 EA 1" C x F NPT Crimped Bronze Union.....	102.64	25.83
22 11 16 00-0732 EA 1-1/4" C x F NPT Crimped Bronze Union.....	125.71	29.79
22 11 16 00-0733 EA 1-1/2" C x F NPT Crimped Bronze Union.....	170.91	29.16
22 11 16 00-0734 EA 2" C x F NPT Crimped Bronze Union.....	231.74	42.22
22 11 16 00-0735 C x C Crimped Bronze Unions (22 11 16 00-0642)		
22 11 16 00-0736 EA 1/2" C x C Bronze Crimped Union.....	56.73	12.87
22 11 16 00-0737 EA 3/4" C x C Bronze Crimped Union.....	71.06	14.68
22 11 16 00-0738 EA 1" C x C Bronze Crimped Union.....	104.67	17.47
22 11 16 00-0739 EA 1-1/4" C x C Bronze Crimped Union.....	140.91	19.29
22 11 16 00-0740 EA 1-1/2" C x C Bronze Crimped Union.....	184.23	21.44
22 11 16 00-0741 EA 2" C x C Bronze Crimped Union.....	286.94	25.72
22 11 16 00-0742 C x Flange Crimped Bronze Flange (22 11 16 00-0642)		
22 11 16 00-0743 EA 2-1/2" C x Flange Crimped Bronze Flange.....	576.77	30.01
22 11 16 00-0744 EA 3" C x Flange Crimped Bronze Flange.....	625.94	35.68
22 11 16 00-0745 EA 4" C x Flange Crimped Bronze Flange.....	711.46	47.16
22 11 16 00-0746 Field Installed FKM Seals (22 11 16 00-0642)		
Note: For vacuum systems. Includes removing factory installed ethylene propylene diene monomer (EPDM) seal and installing FKM seal.		
22 11 16 00-0747 EA 1/2" Field Installed FKM Seal.....	7.83	
Note: To be used in conjunction with fittings.		
22 11 16 00-0748 EA 3/4" Field Installed FKM Seal.....	10.21	
Note: To be used in conjunction with fittings.		
22 11 16 00-0749 EA 1" Field Installed FKM Seal.....	11.74	
Note: To be used in conjunction with fittings.		
22 11 16 00-0750 EA 1-1/4" Field Installed FKM Seal.....	13.60	
Note: To be used in conjunction with fittings.		
22 11 16 00-0751 EA 1-1/2" Field Installed FKM Seal.....	20.32	
Note: To be used in conjunction with fittings.		
22 11 16 00-0752 EA 2" Field Installed FKM Seal.....	22.35	
Note: To be used in conjunction with fittings.		
22 11 16 00-0753 EA 2-1/2" Field Installed FKM Seal.....	35.45	
Note: To be used in conjunction with fittings.		
22 11 16 00-0754 EA 3" Field Installed FKM Seal.....	40.42	
Note: To be used in conjunction with fittings.		
22 11 16 00-0755 EA 4" Field Installed FKM Seal.....	55.47	
Note: To be used in conjunction with fittings.		
22 11 16 00-0756 Cut And Prepare Existing In-Place Copper Pipe (22 11 16 00-0368)		
22 11 16 00-0757 EA Up To 1/2", Cut And Prepare Existing In Place Copper Pipe.....	10.72	
22 11 16 00-0758 EA 3/4", Cut And Prepare Existing In Place Copper Pipe.....	11.58	
22 11 16 00-0759 EA 1", Cut And Prepare Existing In Place Copper Pipe.....	13.03	
22 11 16 00-0760 EA 1-1/4", Cut And Prepare Existing In Place Copper Pipe.....	13.66	
22 11 16 00-0761 EA 1-1/2", Cut And Prepare Existing In Place Copper Pipe.....	14.47	
22 11 16 00-0762 EA 2", Cut And Prepare Existing In Place Copper Pipe.....	15.92	
22 11 16 00-0763 EA 2-1/2", Cut And Prepare Existing In Place Copper Pipe.....	17.15	
22 11 16 00-0764 EA 3", Cut And Prepare Existing In Place Copper Pipe.....	20.25	
22 11 16 00-0765 EA 4", Cut And Prepare Existing In Place Copper Pipe.....	27.33	
22 11 16 00-0766 EA 6", Cut And Prepare Existing In Place Copper Pipe.....	39.06	
22 11 16 00-0767 EA 8", Cut And Prepare Existing In Place Copper Pipe.....	52.08	
22 11 16 00-0768 Sweat Brass Companion Flanges (22 11 16 00-0368)		
Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0769	EA		1" Sweat Brass Companion Flange.....	72.23	16.48
22 11 16 00-0770	EA		1-1/4" Sweat Brass Companion Flange.....	78.77	18.16
22 11 16 00-0771	EA		1-1/2" Sweat Brass Companion Flange.....	115.69	19.74
22 11 16 00-0772	EA		2" Sweat Brass Companion Flange.....	157.05	21.91
22 11 16 00-0773	EA		2-1/2" Sweat Brass Companion Flange.....	195.31	26.35
22 11 16 00-0774	EA		3" Sweat Brass Companion Flange.....	213.08	34.54
22 11 16 00-0775	EA		4" Sweat Brass Companion Flange.....	286.72	41.16
22 11 16 00-0776	EA		5" Sweat Brass Companion Flange.....	538.08	48.98
22 11 16 00-0777	EA		6" Sweat Brass Companion Flange.....	610.94	71.17
22 11 16 00-0778	EA		8" Copper Companion Flange.....	1,450.86	101.52
22 11 16 00-0779			Brass Compression Fittings (22 11 16 00-0368)		
22 11 16 00-0780			Brass Compression Unions (22 11 16 00-0779)		
22 11 16 00-0781	EA		1/4" Brass Compression Union.....	18.47	11.58
22 11 16 00-0782	EA		3/8" Brass Compression Union.....	18.77	11.58
22 11 16 00-0783	EA		1/2" Brass Compression Union.....	19.68	11.58
22 11 16 00-0784	EA		5/8" Brass Compression Union.....	20.11	11.58
22 11 16 00-0785	EA		3/4" Brass Compression Union.....	28.26	11.58
22 11 16 00-0786	EA		3/8" x 1/4" Brass Compression Union.....	18.97	11.58
22 11 16 00-0787	EA		1/2" x 3/8" Brass Compression Union.....	19.75	11.58
22 11 16 00-0788	EA		5/8" x 3/8" Brass Compression Union.....	20.29	11.58
22 11 16 00-0789	EA		5/8" x 1/2" Brass Compression Union.....	21.16	11.58
22 11 16 00-0790			Brass Compression Union Elbows (22 11 16 00-0779)		
22 11 16 00-0791	EA		1/4" Brass Compression Union Elbow.....	19.68	11.58
22 11 16 00-0792	EA		3/8" Brass Compression Union Elbow.....	20.17	11.58
22 11 16 00-0793	EA		1/2" Brass Compression Union Elbow.....	21.26	11.58
22 11 16 00-0794	EA		5/8" Brass Compression Union Elbow.....	22.94	11.58
22 11 16 00-0795	EA		3/4" Brass Compression Union Elbow.....	29.49	11.58
22 11 16 00-0796	EA		3/8" x 1/4" Brass Compression Union Elbow.....	20.17	11.58
22 11 16 00-0797	EA		1/2" x 3/8" Brass Compression Union Elbow.....	21.26	11.58
22 11 16 00-0798	EA		5/8" x 3/8" Brass Compression Union Elbow.....	21.56	11.58
22 11 16 00-0799	EA		5/8" x 1/2" Brass Compression Union Elbow.....	26.49	11.58
22 11 16 00-0800			Brass Compression Union Tees (22 11 16 00-0779)		
22 11 16 00-0801	EA		1/4" Brass Compression Union Tee.....	20.05	11.58
22 11 16 00-0802	EA		3/8" Brass Compression Union Tee.....	21.08	11.58
22 11 16 00-0803	EA		1/2" Brass Compression Union Tee.....	22.16	11.58
22 11 16 00-0804	EA		5/8" Brass Compression Union Tee.....	25.58	11.58
22 11 16 00-0805	EA		3/4" Brass Compression Union Tee.....	37.42	11.58
22 11 16 00-0806	EA		3/8" x 3/8" x 1/4" Brass Compression Union Tee.....	21.80	11.58
22 11 16 00-0807	EA		1/2" x 1/2" x 3/8" Brass Compression Union Tee.....	27.36	11.58
22 11 16 00-0808	EA		5/8" x 5/8" x 3/8" Brass Compression Union Tee.....	26.82	11.58
22 11 16 00-0809	EA		5/8" x 5/8" x 1/2" Brass Compression Union Tee.....	27.45	11.58
22 11 16 00-0810			Brass Compression Male Connectors (22 11 16 00-0779)		
22 11 16 00-0811	EA		1/4" Brass Compression Male Connector.....	18.25	11.58
22 11 16 00-0812	EA		3/8" Brass Compression Male Connector.....	18.65	11.58
22 11 16 00-0813	EA		1/2" Brass Compression Male Connector.....	19.33	11.58
22 11 16 00-0814	EA		5/8" Brass Compression Male Connector.....	20.36	11.58
22 11 16 00-0815	EA		3/4" Brass Compression Male Connector.....	24.98	11.46
22 11 16 00-0816			Brass Compression Female Connectors (22 11 16 00-0779)		
22 11 16 00-0817	EA		1/4" Brass Compression Female Connector.....	18.68	11.58
22 11 16 00-0818	EA		3/8" Brass Compression Female Connector.....	19.20	11.58
22 11 16 00-0819	EA		1/2" Brass Compression Female Connector.....	20.07	11.58
22 11 16 00-0820	EA		5/8" Brass Compression Female Connector.....	20.69	11.58
22 11 16 00-0821	EA		3/4" Brass Compression Female Connector.....	32.65	11.36
22 11 16 00-0822			Dielectric Fittings (22 11 16 00-0368)		
22 11 16 00-0823			Copper x Female Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		
22 11 16 00-0824	EA		1/2" Copper x Female Iron Pipe Thread Dielectric Union.....	45.89	25.72
22 11 16 00-0825	EA		3/4" Copper x Female Iron Pipe Thread Dielectric Union.....	51.24	29.37
22 11 16 00-0826	EA		1" Copper x Female Iron Pipe Thread Dielectric Union.....	61.06	32.28
22 11 16 00-0827	EA		1-1/4" Copper x Female Iron Pipe Thread Dielectric Union.....	74.11	35.53
22 11 16 00-0828	EA		1-1/2" Copper x Female Iron Pipe Thread Dielectric Union.....	89.72	39.48
22 11 16 00-0829	EA		2" Copper x Female Iron Pipe Thread Dielectric Union.....	114.05	47.37
22 11 16 00-0830			Female Brass Thread x Iron Pipe Thread Dielectric Unions (22 11 16 00-0822)		
22 11 16 00-0831	EA		1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	50.50	25.72
22 11 16 00-0832	EA		3/4" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	58.83	29.37
22 11 16 00-0833	EA		1" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	71.07	32.28

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0834	EA		1-1/4" Female Brass Thread x Iron Pipe Thread Dielectric Union	87.39	35.53
22 11 16 00-0835	EA		1-1/2" Female Brass Thread x Iron Pipe Thread Dielectric Union	106.15	39.48
22 11 16 00-0836	EA		2" Female Brass Thread x Iron Pipe Thread Dielectric Union.....	133.32	47.37
22 11 16 00-0837			Female Iron Pipe Thread x Iron Pipe Thread Dielectric Unions <small>(22 11 16 00-0822)</small>		
22 11 16 00-0838	EA		1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	47.58	25.72
22 11 16 00-0839	EA		3/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	54.01	29.37
22 11 16 00-0840	EA		1" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	61.79	32.28
22 11 16 00-0841	EA		1-1/4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	71.54	35.53
22 11 16 00-0842	EA		1-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	87.18	39.48
22 11 16 00-0843	EA		2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Union	112.01	47.37
22 11 16 00-0844			Copper x Female Iron Pipe Thread Dielectric Flanges <small>(22 11 16 00-0822)</small>		
22 11 16 00-0845	EA		2-1/2" Copper x Female Iron Pipe Thread Dielectric Flange.....	277.43	121.79
22 11 16 00-0846	EA		3" Copper x Female Iron Pipe Thread Dielectric Flange.....	347.30	153.37
22 11 16 00-0847	EA		4" Copper x Female Iron Pipe Thread Dielectric Flange.....	489.91	208.75
22 11 16 00-0848			Copper x Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flanges <small>(22 11 16 00-0822)</small>		
22 11 16 00-0849	EA		2-1/2" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange.....	279.34	121.79
22 11 16 00-0850	EA		3" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	362.42	153.37
22 11 16 00-0851	EA		4" Female Iron Pipe Thread x Iron Pipe Thread Dielectric Flange	664.26	208.75
22 11 16 00-0852			Brass Push-Fit Fittings <small>(22 11 16)</small>		
22 11 16 00-0853	EA		1/4" x 1/4" Brass Push-Fit Coupling	24.06	10.72
			Note: (Sharkbite)		
22 11 16 00-0854	EA		3/8" x 3/8" Brass Push-Fit Coupling	30.27	11.43
			Note: (Sharkbite)		
22 11 16 00-0855	EA		1/2" x 1/2" Brass Push-Fit Coupling	31.15	12.87
			Note: (Sharkbite)		
22 11 16 00-0856	EA		5/8" x 5/8" Brass Push-Fit Coupling	36.09	13.72
			Note: (Sharkbite)		
22 11 16 00-0857	EA		3/4" x 3/4" Brass Push-Fit Coupling	36.65	14.65
			Note: (Sharkbite)		
22 11 16 00-0858	EA		1" x 1" Brass Push-Fit Coupling.....	52.18	17.50
			Note: (Sharkbite)		
22 11 16 00-0859	EA		1/2" x 3/8" Brass Push-Fit Reducing Coupling.....	30.70	12.14
			Note: (Sharkbite)		
22 11 16 00-0860	EA		3/4" x 5/8" Brass Push-Fit Reducing Coupling.....	35.73	13.29
			Note: (Sharkbite)		
22 11 16 00-0861	EA		1" x 3/4" Brass Push-Fit Reducing Coupling	54.04	16.08
			Note: (Sharkbite)		
22 11 16 00-0862	EA		1/4" x 1/4" Brass Push-Fit Elbow	25.21	10.72
			Note: (Sharkbite)		
22 11 16 00-0863	EA		3/8" x 3/8" Brass Push-Fit Elbow	35.19	11.43
			Note: (Sharkbite)		
22 11 16 00-0864	EA		1/2" x 1/2" Brass Push-Fit Elbow	31.78	12.87
			Note: (Sharkbite)		
22 11 16 00-0865	EA		5/8" x 5/8" Brass Push-Fit Elbow	38.94	13.72
			Note: (Sharkbite)		
22 11 16 00-0866	EA		3/4" x 3/4" Brass Push-Fit Elbow	35.83	14.65
			Note: (Sharkbite)		
22 11 16 00-0867	EA		1" x 1" Brass Push-Fit Elbow	52.81	17.50
			Note: (Sharkbite)		
22 11 16 00-0868	EA		1/2" x 3/8" Brass Push-Fit Reducing Elbow	30.18	12.14
			Note: (Sharkbite)		
22 11 16 00-0869	EA		3/4" x 1/2" Brass Push-Fit Reducing Elbow	33.69	13.29
			Note: (Sharkbite)		
22 11 16 00-0870	EA		1" x 3/4" Brass Push-Fit Reducing Elbow	68.11	16.08
			Note: (Sharkbite)		
22 11 16 00-0871	EA		1/4" x 1/4" x 1/4" Brass Push-Fit Tee.....	38.29	16.08
			Note: (Sharkbite)		
22 11 16 00-0872	EA		3/8" x 3/8" x 3/8" Brass Push-Fit Tee.....	49.20	17.15
			Note: (Sharkbite)		
22 11 16 00-0873	EA		1/2" x 1/2" x 1/2" Brass Push-Fit Tee.....	44.26	19.29
			Note: (Sharkbite)		
22 11 16 00-0874	EA		5/8" x 5/8" x 5/8" Brass Push-Fit Tee.....	57.22	20.57
			Note: (Sharkbite)		
22 11 16 00-0875	EA		3/4" x 3/4" x 3/4" Brass Push-Fit Tee.....	51.74	21.97
			Note: (Sharkbite)		
22 11 16 00-0876	EA		1" x 1" x 1" Brass Push-Fit Tee.....	71.57	26.25
			Note: (Sharkbite)		
22 11 16 00-0877	EA		1/2" x 1/2" x 1/4" Brass Push-Fit Reducing Tee.....	50.43	18.21
			Note: (Sharkbite)		
22 11 16 00-0878	EA		1/2" x 1/2" x 3/8" Brass Push-Fit Reducing Tee.....	50.65	18.58
			Note: (Sharkbite)		
22 11 16 00-0879	EA		3/4" x 3/4" x 1/2" Brass Push-Fit Reducing Tee.....	49.98	21.08
			Note: (Sharkbite)		
22 11 16 00-0880	EA		1" x 1" x 3/4" Brass Push-Fit Reducing Tee.....	69.59	24.83
			Note: (Sharkbite)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0881	EA		1/4" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	28.85	11.79
22 11 16 00-0882	EA		3/8" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	28.39	12.14
22 11 16 00-0883	EA		1/2" x 1/2" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	27.88	12.87
22 11 16 00-0884	EA		3/4" x 3/4" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	31.94	14.65
22 11 16 00-0885	EA		1" x 1" Brass Push-Fit Pipe To FNPT Connector Note: (Sharkbite)	45.57	17.50
22 11 16 00-0886	EA		1/4" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	24.90	11.79
22 11 16 00-0887	EA		3/8" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	28.39	12.14
22 11 16 00-0888	EA		1/2" x 1/2" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	27.96	12.87
22 11 16 00-0889	EA		3/4" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	31.59	14.65
22 11 16 00-0890	EA		5/8" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	34.72	14.17
22 11 16 00-0891	EA		1" x 3/4" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	41.86	16.08
22 11 16 00-0892	EA		1" x 1" Brass Push-Fit Pipe To MNPT Connector Note: (Sharkbite)	46.30	17.50
22 11 16 00-0893	EA		1/2" Brass Push-Fit Ball Valve Note: (Sharkbite)	41.53	12.87
22 11 16 00-0894	EA		3/4" Brass Push-Fit Ball Valve Note: (Sharkbite)	48.64	14.65
22 11 16 00-0895	EA		1" Brass Push-Fit Ball Valve Note: (Sharkbite)	64.66	17.50
22 11 16 00-0896	EA		1/2" Brass Push-Fit Check Valve Note: (Sharkbite)	44.70	12.87
22 11 16 00-0897	EA		3/4" Brass Push-Fit Check Valve Note: (Sharkbite)	53.99	14.65
22 11 16 00-0898	EA		1" Brass Push-Fit Check Valve Note: (Sharkbite)	92.50	17.50
22 11 16 00-0899			Copper Pipe Assemblies ^(22 11 16) Note: Includes hangers and all coupling, elbow, tee and reducer fittings. All fittings are based on 95/5 solder. All hangers are complete assemblies installed in accordance with MSS SP 58 and 69. Excludes insulation. Not for use where detail is available.		
22 11 16 00-0900	LF		1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -1.93 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 2.77 <i>For For Brazed Fittings, Add</i> 0.67 <i>For Work In Restricted Working Space, Add</i> 5.03 <i>For Type K Tubing Instead Of Type L, Add</i> 1.56 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.28	21.85	3.00
22 11 16 00-0901	LF		3/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.20 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.15 <i>For For Brazed Fittings, Add</i> 0.76 <i>For Work In Restricted Working Space, Add</i> 5.70 <i>For Type K Tubing Instead Of Type L, Add</i> 1.82 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.49	25.09	3.86
22 11 16 00-0902	LF		1" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.38 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.38 <i>For For Brazed Fittings, Add</i> 0.80 <i>For Work In Restricted Working Space, Add</i> 5.97 <i>For Type K Tubing Instead Of Type L, Add</i> 2.15 <i>For Type M Tubing Instead Of Type L, Deduct</i> -1.73	27.69	4.60
22 11 16 00-0903	LF		1-1/4" Inside Diameter Copper Pipe/Tubing Type L Assembly Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available. <i>For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct</i> -2.61 <i>For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct</i> -1.08 <i>For Silver Solder Instead Of 95/5 Solder, Add</i> 3.64 <i>For For Brazed Fittings, Add</i> 0.83 <i>For Work In Restricted Working Space, Add</i> 6.20 <i>For Type K Tubing Instead Of Type L, Add</i> 2.72 <i>For Type M Tubing Instead Of Type L, Deduct</i> -2.13	31.52	5.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0904 LF 1-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	35.08	6.11
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-2.86	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-1.30	
For Silver Solder Instead Of 95/5 Solder, Add	3.96	
For For Brazed Fittings, Add	0.88	
For Work In Restricted Working Space, Add	6.62	
For Type K Tubing Instead Of Type L, Add	3.15	
For Type M Tubing Instead Of Type L, Deduct	-2.44	
22 11 16 00-0905 LF 2" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	44.27	7.61
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-3.48	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-1.89	
For Silver Solder Instead Of 95/5 Solder, Add	4.75	
For For Brazed Fittings, Add	1.02	
For Work In Restricted Working Space, Add	7.62	
For Type K Tubing Instead Of Type L, Add	4.31	
For Type M Tubing Instead Of Type L, Deduct	-3.28	
22 11 16 00-0906 LF 2-1/2" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	55.02	9.18
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.11	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-2.78	
For Silver Solder Instead Of 95/5 Solder, Add	5.48	
For For Brazed Fittings, Add	1.09	
For Work In Restricted Working Space, Add	8.17	
For Type K Tubing Instead Of Type L, Add	5.93	
For Type M Tubing Instead Of Type L, Deduct	-4.42	
22 11 16 00-0907 LF 3" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	67.68	10.66
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-4.86	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-3.82	
For Silver Solder Instead Of 95/5 Solder, Add	6.33	
For For Brazed Fittings, Add	1.18	
For Work In Restricted Working Space, Add	8.85	
For Type K Tubing Instead Of Type L, Add	7.84	
For Type M Tubing Instead Of Type L, Deduct	-5.76	
22 11 16 00-0908 LF 4" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	106.70	14.11
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-7.24	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-6.86	
For Silver Solder Instead Of 95/5 Solder, Add	9.15	
For For Brazed Fittings, Add	1.53	
For Work In Restricted Working Space, Add	11.44	
For Type K Tubing Instead Of Type L, Add	13.48	
For Type M Tubing Instead Of Type L, Deduct	-9.75	
22 11 16 00-0909 LF 5" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	198.56	17.57
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-12.38	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-14.96	
For Silver Solder Instead Of 95/5 Solder, Add	14.82	
For For Brazed Fittings, Add	1.96	
For Work In Restricted Working Space, Add	14.69	
For Type K Tubing Instead Of Type L, Add	28.05	
For Type M Tubing Instead Of Type L, Deduct	-19.91	
22 11 16 00-0910 LF 6" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	260.02	21.22
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-16.11	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-19.79	
For Silver Solder Instead Of 95/5 Solder, Add	19.22	
For For Brazed Fittings, Add	2.49	
For Work In Restricted Working Space, Add	18.65	
For Type K Tubing Instead Of Type L, Add	36.99	
For Type M Tubing Instead Of Type L, Deduct	-26.23	
22 11 16 00-0911 LF 8" Inside Diameter Copper Pipe/Tubing Type L Assembly.....	604.11	25.36
Note: Includes all hangers and couplings, elbow, tee, reducer fittings. All hangers are complete assemblies. Not for use where detail is available.		
For 60/40 Or 50/50 Solder Where Applicable Instead Of 95/5 Solder, Deduct	-34.07	
For Drain-Waste-Vent (DWV) Tubing Instead Of Type L, Deduct	-52.68	
For Silver Solder Instead Of 95/5 Solder, Add	37.93	
For For Brazed Fittings, Add	3.09	
For Work In Restricted Working Space, Add	23.18	
For Type K Tubing Instead Of Type L, Add	94.97	
For Type M Tubing Instead Of Type L, Deduct	-66.31	
22 11 16 00-0912 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings (22 11 16)		
Note: Socket weld.		
22 11 16 00-0913 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe And Fittings (22 11 16 00-0912)		
22 11 16 00-0914 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pipe (22 11 16 00-0913)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0915	LF	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	7.19 1.18	1.58
22 11 16 00-0916	LF	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	8.58 1.24	1.65
22 11 16 00-0917	LF	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	10.98 1.34	1.78
22 11 16 00-0918	LF	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	13.88 1.46	1.95
22 11 16 00-0919	LF	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	16.28 1.62	2.15
22 11 16 00-0920	LF	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	21.10 1.80	2.41
22 11 16 00-0921	LF	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	29.92 2.05	2.73
22 11 16 00-0922	LF	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	38.91 2.42	3.24
22 11 16 00-0923	LF	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	55.16 2.99	3.98
22 11 16 00-0924	LF	6"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	100.11 3.79	5.05
22 11 16 00-0925	LF	8"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	145.59 4.97	6.63
22 11 16 00-0926			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbows <small>(22 11 16 00-0913)</small>		
22 11 16 00-0927	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	23.82 5.63	7.50
22 11 16 00-0928	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	31.58 7.11	9.47
22 11 16 00-0929	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	42.17 8.91	11.84
22 11 16 00-0930	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	61.13 11.13	14.81
22 11 16 00-0931	EA	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	68.16 12.32	16.38
22 11 16 00-0932	EA	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	82.34 13.74	16.38
22 11 16 00-0933	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	147.31 15.63	20.82
22 11 16 00-0934	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	165.03 18.48	24.68
22 11 16 00-0935	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	248.31 22.74	30.30
22 11 16 00-0936	EA	6"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	312.57 28.90	38.49
22 11 16 00-0937	EA	8"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	655.56 37.90	50.53
22 11 16 00-0938			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbows <small>(22 11 16 00-0913)</small>		
22 11 16 00-0939	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	26.35 5.63	7.50
22 11 16 00-0940	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	34.61 7.11	9.47
22 11 16 00-0941	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	47.10 8.91	11.84
22 11 16 00-0942	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	67.60 11.13	14.81
22 11 16 00-0943	EA	1-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	76.05 12.32	16.38
22 11 16 00-0944	EA	2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	85.02 13.74	18.36
22 11 16 00-0945	EA	2-1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	149.00 15.63	20.82
22 11 16 00-0946	EA	3"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	164.82 18.48	24.68
22 11 16 00-0947	EA	4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	217.41 22.74	30.30
22 11 16 00-0948	EA	6"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	370.52 28.90	38.49
22 11 16 00-0949	EA	8"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	696.61 37.90	50.53
22 11 16 00-0950			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tees <small>(22 11 16 00-0913)</small>		
22 11 16 00-0951	EA	1/2"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	37.36 8.44	11.25
22 11 16 00-0952	EA	3/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	50.25 10.66	14.21
22 11 16 00-0953	EA	1"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	62.71 13.38	17.86
22 11 16 00-0954	EA	1-1/4"	Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	93.83 16.70	22.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0955 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	105.32 18.48	24.68
22 11 16 00-0956 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	133.92 20.61	27.44
22 11 16 00-0957 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	185.32 23.45	31.29
22 11 16 00-0958 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	208.97 27.71	36.91
22 11 16 00-0959 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	251.43 34.11	45.50
22 11 16 00-0960 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	413.61 43.35	57.84
22 11 16 00-0961 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Tee <i>For Work In Restricted Working Space, Add</i>	959.96 56.85	75.80
22 11 16 00-0962 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Crosses <small>(22 11 16 00-0913)</small>		
22 11 16 00-0963 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	45.45 11.25	15.00
22 11 16 00-0964 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	60.05 14.21	18.95
22 11 16 00-0965 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	75.01 17.83	23.79
22 11 16 00-0966 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	107.09 22.27	29.70
22 11 16 00-0967 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	119.79 24.64	32.87
22 11 16 00-0968 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	147.77 27.48	36.62
22 11 16 00-0969 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	196.51 31.27	41.65
22 11 16 00-0970 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	223.59 36.95	49.25
22 11 16 00-0971 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	270.23 45.48	60.60
22 11 16 00-0972 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	424.45 57.80	77.08
22 11 16 00-0973 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cross <i>For Work In Restricted Working Space, Add</i>	916.29 75.80	101.07
22 11 16 00-0974 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld Reducing Inserts <small>(22 11 16 00-0913)</small>		
22 11 16 00-0975 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	20.40 5.21	6.90
22 11 16 00-0976 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	29.31 7.02	9.37
22 11 16 00-0977 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	57.63 9.18	12.24
22 11 16 00-0978 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	65.76 10.16	13.52
22 11 16 00-0979 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	79.70 11.34	15.10
22 11 16 00-0980 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	84.93 12.91	17.18
22 11 16 00-0981 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	104.49 15.25	20.33
22 11 16 00-0982 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	148.55 18.77	24.97
22 11 16 00-0983 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	262.60 23.84	31.78
22 11 16 00-0984 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Reducing Insert <i>For Work In Restricted Working Space, Add</i>	655.27 31.27	41.65
22 11 16 00-0985 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Thread Reducing Inserts <small>(22 11 16 00-0913)</small>		
22 11 16 00-0986 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	32.20 3.70	4.94
22 11 16 00-0987 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	38.78 5.21	6.90
22 11 16 00-0988 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	46.34 7.02	9.37
22 11 16 00-0989 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	56.15 9.18	12.24
22 11 16 00-0990 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	67.94 10.16	13.52
22 11 16 00-0991 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert <i>For Work In Restricted Working Space, Add</i>	90.54 11.34	15.10

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-0992	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	155.77	17.18
			<i>For Work In Restricted Working Space, Add</i>	12.91	
22 11 16 00-0993	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	345.30	20.33
			<i>For Work In Restricted Working Space, Add</i>	15.25	
22 11 16 00-0994	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Or Male Threaded Reducing Insert.....	526.67	24.97
			<i>For Work In Restricted Working Space, Add</i>	18.77	
22 11 16 00-0995			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters <small>(22 11 16 00-0913)</small>		
22 11 16 00-0996	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	19.94	4.94
			<i>For Work In Restricted Working Space, Add</i>	3.70	
22 11 16 00-0997	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	27.65	6.90
			<i>For Work In Restricted Working Space, Add</i>	5.21	
22 11 16 00-0998	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	40.71	9.37
			<i>For Work In Restricted Working Space, Add</i>	7.02	
22 11 16 00-0999	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	56.15	12.24
			<i>For Work In Restricted Working Space, Add</i>	9.18	
22 11 16 00-1000	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	68.44	13.52
			<i>For Work In Restricted Working Space, Add</i>	10.16	
22 11 16 00-1001	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	84.56	15.10
			<i>For Work In Restricted Working Space, Add</i>	11.34	
22 11 16 00-1002	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	131.54	17.18
			<i>For Work In Restricted Working Space, Add</i>	12.91	
22 11 16 00-1003	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	157.86	20.33
			<i>For Work In Restricted Working Space, Add</i>	15.25	
22 11 16 00-1004	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Male Thread Male Adapters.....	243.53	24.97
			<i>For Work In Restricted Working Space, Add</i>	18.77	
22 11 16 00-1005			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters <small>(22 11 16 00-0913)</small>		
22 11 16 00-1006	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	22.84	4.94
			<i>For Work In Restricted Working Space, Add</i>	3.70	
22 11 16 00-1007	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	28.57	6.90
			<i>For Work In Restricted Working Space, Add</i>	5.21	
22 11 16 00-1008	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	40.95	9.37
			<i>For Work In Restricted Working Space, Add</i>	7.02	
22 11 16 00-1009	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	57.00	12.24
			<i>For Work In Restricted Working Space, Add</i>	9.18	
22 11 16 00-1010	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	64.56	13.52
			<i>For Work In Restricted Working Space, Add</i>	10.16	
22 11 16 00-1011	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	81.39	15.10
			<i>For Work In Restricted Working Space, Add</i>	11.34	
22 11 16 00-1012	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	133.38	17.18
			<i>For Work In Restricted Working Space, Add</i>	12.91	
22 11 16 00-1013	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	189.83	20.33
			<i>For Work In Restricted Working Space, Add</i>	15.25	
22 11 16 00-1014	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Socket Weld x Female Thread Female Adapters.....	297.89	24.97
			<i>For Work In Restricted Working Space, Add</i>	18.77	
22 11 16 00-1015			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings <small>(22 11 16 00-0913)</small>		
22 11 16 00-1016	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	17.73	4.54
			<i>For Work In Restricted Working Space, Add</i>	3.38	
22 11 16 00-1017	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	24.94	6.32
			<i>For Work In Restricted Working Space, Add</i>	4.74	
22 11 16 00-1018	EA		1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	33.55	8.49
			<i>For Work In Restricted Working Space, Add</i>	6.37	
22 11 16 00-1019	EA		1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	46.21	11.15
			<i>For Work In Restricted Working Space, Add</i>	8.35	
22 11 16 00-1020	EA		1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	53.96	12.34
			<i>For Work In Restricted Working Space, Add</i>	9.24	
22 11 16 00-1021	EA		2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	61.25	13.72
			<i>For Work In Restricted Working Space, Add</i>	10.31	
22 11 16 00-1022	EA		2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	103.59	15.59
			<i>For Work In Restricted Working Space, Add</i>	11.73	
22 11 16 00-1023	EA		3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	111.34	18.46
			<i>For Work In Restricted Working Space, Add</i>	13.86	
22 11 16 00-1024	EA		4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	142.19	22.70
			<i>For Work In Restricted Working Space, Add</i>	17.06	
22 11 16 00-1025	EA		6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	240.61	28.92
			<i>For Work In Restricted Working Space, Add</i>	21.68	
22 11 16 00-1026	EA		8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Couplings.....	435.91	37.90
			<i>For Work In Restricted Working Space, Add</i>	28.43	
22 11 16 00-1027			Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <small>(22 11 16 00-0913)</small>		
22 11 16 00-1028	EA		1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	41.12	5.43
			<i>For Work In Restricted Working Space, Add</i>	4.06	
22 11 16 00-1029	EA		3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions.....	47.89	7.60
			<i>For Work In Restricted Working Space, Add</i>	5.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1030 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	55.32 7.64	10.17
22 11 16 00-1031 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	103.57 10.01	13.33
22 11 16 00-1032 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	108.38 11.07	14.81
22 11 16 00-1033 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	159.84 12.38	16.48
22 11 16 00-1034 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	292.76 14.06	18.75
22 11 16 00-1035 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	427.05 16.64	22.21
22 11 16 00-1036 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	699.88 20.46	27.25
22 11 16 00-1037 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	939.79 26.00	34.64
22 11 16 00-1038 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Unions <i>For Work In Restricted Working Space, Add</i>	1,155.82 34.11	45.50
22 11 16 00-1039 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Caps <small>(22 11 16 00-0913)</small>		
22 11 16 00-1040 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	17.25 2.11	4.64
22 11 16 00-1041 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	23.38 2.66	5.83
22 11 16 00-1042 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	36.77 3.34	7.31
22 11 16 00-1043 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	42.02 4.18	5.52
22 11 16 00-1044 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	44.06 4.62	6.12
22 11 16 00-1045 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	63.32 5.15	6.90
22 11 16 00-1046 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	102.63 5.86	7.80
22 11 16 00-1047 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	108.08 6.93	9.27
22 11 16 00-1048 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	171.78 8.53	11.35
22 11 16 00-1049 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	392.84 10.84	14.41
22 11 16 00-1050 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) Cap <i>For Work In Restricted Working Space, Add</i>	505.41 14.21	18.95
22 11 16 00-1051 Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <small>(22 11 16 00-0913)</small>		
22 11 16 00-1052 EA 1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	33.63 2.69	3.55
22 11 16 00-1053 EA 3/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	39.04 3.79	5.03
22 11 16 00-1054 EA 1" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	46.40 5.09	6.81
22 11 16 00-1055 EA 1-1/4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	52.59 6.69	8.88
22 11 16 00-1056 EA 1-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	55.66 7.40	9.87
22 11 16 00-1057 EA 2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	68.64 8.23	10.96
22 11 16 00-1058 EA 2-1/2" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	95.59 9.39	12.54
22 11 16 00-1059 EA 3" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	107.04 11.07	14.81
22 11 16 00-1060 EA 4" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	134.36 13.65	18.16
22 11 16 00-1061 EA 6" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	197.54 17.35	23.09
22 11 16 00-1062 EA 8" Schedule 80 Chlorinated Polyvinyl Chloride (CPVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	390.97 22.74	30.30
22 11 16 00-1063 Red Brass Pipe And Fittings <small>(22 11 16)</small> Note: ASTM B43 And B251 (Pipe), ASME B16.15.		
22 11 16 00-1064 Schedule 40 Red Brass Pipe <small>(22 11 16 00-1063)</small>		
22 11 16 00-1065 LF 1/2" Schedule 40 Red Brass Pipe.....	28.66	2.08
22 11 16 00-1066 LF 3/4" Schedule 40 Red Brass Pipe.....	38.06	2.08
22 11 16 00-1067 LF 1" Schedule 40 Red Brass Pipe.....	52.06	2.08
22 11 16 00-1068 LF 1-1/4" Schedule 40 Red Brass Pipe.....	76.46	2.27
22 11 16 00-1069 LF 1-1/2" Schedule 40 Red Brass Pipe.....	88.08	2.47
22 11 16 00-1070 LF 2" Schedule 40 Red Brass Pipe.....	112.92	2.96
22 11 16 00-1071 LF 2-1/2" Schedule 40 Red Brass Pipe.....	164.35	3.36
22 11 16 00-1072 LF 3" Schedule 40 Red Brass Pipe.....	232.37	3.55
22 11 16 00-1073 LF 4" Schedule 40 Red Brass Pipe.....	333.23	3.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1074			125 LB Cast Bronze, Screwed, 90 Degree Elbows (22 11 16 00-1063)		
22 11 16 00-1075	EA		1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	58.13	24.57
22 11 16 00-1076	EA		3/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	66.06	27.04
22 11 16 00-1077	EA		1" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	83.40	31.98
22 11 16 00-1078	EA		1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	100.36	34.35
22 11 16 00-1079	EA		1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	112.77	36.81
22 11 16 00-1080	EA		2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	141.69	39.28
22 11 16 00-1081	EA		2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	244.02	49.15
22 11 16 00-1082	EA		3" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	340.51	58.93
22 11 16 00-1083	EA		4" 125 LB Cast Bronze, Screwed, 90 Degree Elbow	607.90	78.56
22 11 16 00-1084			125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbows (22 11 16 00-1063)		
22 11 16 00-1085	EA		1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	61.14	24.57
22 11 16 00-1086	EA		3/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	70.43	27.04
22 11 16 00-1087	EA		1" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	92.55	31.98
22 11 16 00-1088	EA		1-1/4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	112.35	34.35
22 11 16 00-1089	EA		1-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	129.28	36.81
22 11 16 00-1090	EA		2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	177.75	39.28
22 11 16 00-1091	EA		2-1/2" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	274.05	49.15
22 11 16 00-1092	EA		3" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	432.84	58.93
22 11 16 00-1093	EA		4" 125 LB Cast Bronze, Screwed, 90 Degree Reducing Elbow	869.18	78.56
22 11 16 00-1094			125 LB Cast Bronze, Screwed, 45 Degree Elbows (22 11 16 00-1063)		
22 11 16 00-1095	EA		1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	59.66	24.57
22 11 16 00-1096	EA		3/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	69.05	27.04
22 11 16 00-1097	EA		1" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	89.42	31.98
22 11 16 00-1098	EA		1-1/4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	109.37	34.35
22 11 16 00-1099	EA		1-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	124.77	36.81
22 11 16 00-1100	EA		2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	161.22	39.28
22 11 16 00-1101	EA		2-1/2" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	255.99	49.15
22 11 16 00-1102	EA		3" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	361.01	58.93
22 11 16 00-1103	EA		4" 125 LB Cast Bronze, Screwed, 45 Degree Elbow	808.47	78.56
22 11 16 00-1104			125 LB Cast Bronze, Screwed, Tees (22 11 16 00-1063)		
22 11 16 00-1105	EA		1/2" 125 LB Cast Bronze, Screwed, Tee	84.22	36.81
22 11 16 00-1106	EA		3/4" 125 LB Cast Bronze, Screwed, Tee	95.57	40.27
22 11 16 00-1107	EA		1" 125 LB Cast Bronze, Screwed, Tee	122.36	47.67
22 11 16 00-1108	EA		1-1/4" 125 LB Cast Bronze, Screwed, Tee	149.75	51.62
22 11 16 00-1109	EA		1-1/2" 125 LB Cast Bronze, Screwed, Tee	162.62	54.97
22 11 16 00-1110	EA		2" 125 LB Cast Bronze, Screwed, Tee	205.03	58.93
22 11 16 00-1111	EA		2-1/2" 125 LB Cast Bronze, Screwed, Tee	345.69	73.72
22 11 16 00-1112	EA		3" 125 LB Cast Bronze, Screwed, Tee	480.02	88.43
22 11 16 00-1113	EA		4" 125 LB Cast Bronze, Screwed, Tee	986.97	117.84
22 11 16 00-1114			125 LB Cast Bronze, Screwed, Reducing Tees (22 11 16 00-1063)		
22 11 16 00-1115	EA		1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	88.71	36.81
22 11 16 00-1116	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing Tee	98.60	40.27
22 11 16 00-1117	EA		1" 125 LB Cast Bronze, Screwed, Reducing Tee	134.38	47.67
22 11 16 00-1118	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing Tee	158.76	51.62
22 11 16 00-1119	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	186.66	54.97
22 11 16 00-1120	EA		2" 125 LB Cast Bronze, Screwed, Reducing Tee	242.59	58.93
22 11 16 00-1121	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing Tee	418.74	73.72
22 11 16 00-1122	EA		3" 125 LB Cast Bronze, Screwed, Reducing Tee	797.46	88.43
22 11 16 00-1123	EA		4" 125 LB Cast Bronze, Screwed, Reducing Tee	1,237.36	117.84
22 11 16 00-1124			125 LB Cast Bronze, Screwed, Crosses (22 11 16 00-1063)		
22 11 16 00-1125	EA		1/2" 125 LB Cast Bronze, Screwed, Cross	119.29	49.15
22 11 16 00-1126	EA		3/4" 125 LB Cast Bronze, Screwed, Cross	138.12	53.99
22 11 16 00-1127	EA		1" 125 LB Cast Bronze, Screwed, Cross	174.30	63.85
22 11 16 00-1128	EA		1-1/4" 125 LB Cast Bronze, Screwed, Cross	216.37	68.79
22 11 16 00-1129	EA		1-1/2" 125 LB Cast Bronze, Screwed, Cross	255.95	73.72
22 11 16 00-1130	EA		2" 125 LB Cast Bronze, Screwed, Cross	374.28	78.56
22 11 16 00-1131	EA		2-1/2" 125 LB Cast Bronze, Screwed, Cross	607.20	98.21
22 11 16 00-1132	EA		3" 125 LB Cast Bronze, Screwed, Cross	838.25	117.84
22 11 16 00-1133	EA		4" 125 LB Cast Bronze, Screwed, Cross	1,546.55	157.22
22 11 16 00-1134			125 LB Cast Bronze, Screwed, Caps (22 11 16 00-1063)		
22 11 16 00-1135	EA		1/2" 125 LB Cast Bronze, Screwed, Cap	28.10	14.61
22 11 16 00-1136	EA		3/4" 125 LB Cast Bronze, Screwed, Cap	31.85	16.09
22 11 16 00-1137	EA		1" 125 LB Cast Bronze, Screwed, Cap	42.37	18.95
22 11 16 00-1138	EA		1-1/4" 125 LB Cast Bronze, Screwed, Cap	54.98	20.43
22 11 16 00-1139	EA		1-1/2" 125 LB Cast Bronze, Screwed, Cap	64.74	21.91
22 11 16 00-1140	EA		2" 125 LB Cast Bronze, Screwed, Cap	89.46	23.39
22 11 16 00-1141	EA		2-1/2" 125 LB Cast Bronze, Screwed, Cap	143.35	29.21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1142	EA		3" 125 LB Cast Bronze, Screwed, Cap.....	206.33	35.04
22 11 16 00-1143	EA		4" 125 LB Cast Bronze, Screwed, Cap.....	363.04	46.68
22 11 16 00-1144			125 LB Cast Bronze, Screwed, Couplings <small>(22 11 16 00-1063)</small>		
22 11 16 00-1145	EA		1/2" 125 LB Cast Bronze, Screwed, Coupling.....	56.65	24.57
22 11 16 00-1146	EA		3/4" 125 LB Cast Bronze, Screwed, Coupling.....	64.58	27.04
22 11 16 00-1147	EA		1" 125 LB Cast Bronze, Screwed, Coupling.....	81.89	31.98
22 11 16 00-1148	EA		1-1/4" 125 LB Cast Bronze, Screwed, Coupling.....	98.83	34.35
22 11 16 00-1149	EA		1-1/2" 125 LB Cast Bronze, Screwed, Coupling.....	112.77	36.81
22 11 16 00-1150	EA		2" 125 LB Cast Bronze, Screwed, Coupling.....	143.20	39.28
22 11 16 00-1151	EA		2-1/2" 125 LB Cast Bronze, Screwed, Coupling.....	203.42	49.15
22 11 16 00-1152	EA		3" 125 LB Cast Bronze, Screwed, Coupling.....	263.67	58.93
22 11 16 00-1153	EA		4" 125 LB Cast Bronze, Screwed, Coupling.....	457.65	78.56
22 11 16 00-1154			125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducers <small>(22 11 16 00-1063)</small>		
22 11 16 00-1155	EA		1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	50.32	19.65
22 11 16 00-1156	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	57.52	22.10
22 11 16 00-1157	EA		1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	78.14	29.51
22 11 16 00-1158	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	93.81	31.98
22 11 16 00-1159	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	106.52	34.35
22 11 16 00-1160	EA		2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	129.52	36.81
22 11 16 00-1161	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	189.79	46.68
22 11 16 00-1162	EA		3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	230.61	53.99
22 11 16 00-1163	EA		4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Pipe Sizes, Bell Reducer.....	404.52	71.26
22 11 16 00-1164			125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducers <small>(22 11 16 00-1063)</small>		
22 11 16 00-1165	EA		3/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	51.56	19.65
22 11 16 00-1166	EA		1" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	94.40	27.04
22 11 16 00-1167	EA		1-1/4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	124.73	29.51
22 11 16 00-1168	EA		1-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	146.40	31.98
22 11 16 00-1169	EA		2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	196.16	36.81
22 11 16 00-1170	EA		2-1/2" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	303.41	46.68
22 11 16 00-1171	EA		3" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	367.67	49.15
22 11 16 00-1172	EA		4" 125 LB Cast Bronze, Screwed, Reducing 2 Or More Pipe Sizes, Bell Reducer.....	416.21	63.85
22 11 16 00-1173			125 LB Cast Bronze, FIP Threaded, Unions <small>(22 11 16 00-1063)</small>		
22 11 16 00-1174	EA		1/2" 125 LB Cast Bronze, FIP Threaded, Union.....	63.34	19.65
			<i>For 150 LB, Add</i>	9.62	
22 11 16 00-1175	EA		3/4" 125 LB Cast Bronze, FIP Threaded, Union.....	76.27	21.61
			<i>For 150 LB, Add</i>	13.22	
22 11 16 00-1176	EA		1" 125 LB Cast Bronze, FIP Threaded, Union.....	94.66	25.56
			<i>For 150 LB, Add</i>	17.43	
22 11 16 00-1177	EA		1-1/4" 125 LB Cast Bronze, FIP Threaded, Union.....	118.10	27.54
			<i>For 150 LB, Add</i>	25.23	
22 11 16 00-1178	EA		1-1/2" 125 LB Cast Bronze, FIP Threaded, Union.....	134.10	29.51
			<i>For 150 LB, Add</i>	30.06	
22 11 16 00-1179	EA		2" 125 LB Cast Bronze, FIP Threaded, Union.....	158.60	33.36
			<i>For 150 LB, Add</i>	36.72	
22 11 16 00-1180	EA		2-1/2" 125 LB Cast Bronze, FIP Threaded, Union.....	275.19	49.35
			<i>For 150 LB, Add</i>	70.60	
			<i>For 250 LB, Add</i>	150.02	
			<i>For 300 LB, Add</i>	211.79	
22 11 16 00-1181	EA		3" 125 LB Cast Bronze, FIP Threaded, Union.....	402.48	64.89
			<i>For 150 LB, Add</i>	109.08	
			<i>For 250 LB, Add</i>	231.79	
			<i>For 300 LB, Add</i>	327.23	
22 11 16 00-1182	EA		4" 125 LB Cast Bronze, FIP Threaded, Union.....	745.31	71.85
			<i>For 150 LB, Add</i>	240.60	
			<i>For 250 LB, Add</i>	511.28	
			<i>For 300 LB, Add</i>	721.80	
22 11 16 00-1183			125 LB Cast Bronze, Screwed, Companion Flanges <small>(22 11 16 00-1063)</small>		
			Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
22 11 16 00-1184	EA		1/2" 125 LB Cast Bronze, Screwed, Companion Flange.....	182.31	24.57
22 11 16 00-1185	EA		3/4" 125 LB Cast Bronze, Screwed, Companion Flange.....	198.28	29.51
22 11 16 00-1186	EA		1" 125 LB Cast Bronze, Screwed, Companion Flange.....	227.19	34.35
22 11 16 00-1187	EA		1-1/4" 125 LB Cast Bronze, Screwed, Companion Flange.....	259.43	36.81
22 11 16 00-1188	EA		1-1/2" 125 LB Cast Bronze, Screwed, Companion Flange.....	308.02	39.28
22 11 16 00-1189	EA		2" 125 LB Cast Bronze, Screwed, Companion Flange.....	389.47	41.75
22 11 16 00-1190	EA		2-1/2" 125 LB Cast Bronze, Screwed, Companion Flange.....	491.59	49.15
22 11 16 00-1191	EA		3" 125 LB Cast Bronze, Screwed, Companion Flange.....	609.03	61.39
22 11 16 00-1192	EA		4" 125 LB Cast Bronze, Screwed, Companion Flange.....	868.46	85.97
22 11 16 00-1193			125 LB Cast Bronze, Screwed, Square Head Plugs <small>(22 11 16 00-1063)</small>		
22 11 16 00-1194	EA		1/2" 125 LB Cast Bronze, Screwed, Square Head Plug.....	17.40	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1195	EA	3/4" 125 LB Cast Bronze, Screwed, Square Head Plug	18.03	
22 11 16 00-1196	EA	1" 125 LB Cast Bronze, Screwed, Square Head Plug	27.81	
22 11 16 00-1197	EA	1-1/4" 125 LB Cast Bronze, Screwed, Square Head Plug	32.31	
22 11 16 00-1198	EA	1-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	36.97	
22 11 16 00-1199	EA	2" 125 LB Cast Bronze, Screwed, Square Head Plug	55.78	
22 11 16 00-1200	EA	2-1/2" 125 LB Cast Bronze, Screwed, Square Head Plug	84.93	
22 11 16 00-1201	EA	3" 125 LB Cast Bronze, Screwed, Square Head Plug	124.98	
22 11 16 00-1202	EA	4" 125 LB Cast Bronze, Screwed, Square Head Plug	211.90	
22 11 16 00-1203		125 LB Cast Bronze, Screwed, Counter Sunk Plugs (22 11 16 00-1063)		
22 11 16 00-1204	EA	1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	7.53	
22 11 16 00-1205	EA	3/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	9.01	
22 11 16 00-1206	EA	1" 125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	13.55	
22 11 16 00-1207	EA	1-1/4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	21.05	
22 11 16 00-1208	EA	1-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	33.33	
22 11 16 00-1209	EA	2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	51.66	
22 11 16 00-1210	EA	2-1/2" 125 LB Cast Bronze, Screwed, Counter Sunk Plug	100.55	
22 11 16 00-1211	EA	3" 125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	162.84	
22 11 16 00-1212	EA	4" 125 LB Cast Bronze, Screwed, Counter Sunk Plug.....	397.15	
22 11 16 00-1213		125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushings (22 11 16 00-1063)		
22 11 16 00-1214	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	6.00	
22 11 16 00-1215	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	7.53	
22 11 16 00-1216	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	10.54	
22 11 16 00-1217	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	18.04	
22 11 16 00-1218	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	25.57	
22 11 16 00-1219	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	31.59	
22 11 16 00-1220	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing	79.64	
22 11 16 00-1221	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	117.23	
22 11 16 00-1222	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Hex Bushing.....	256.77	
22 11 16 00-1223		125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushings (22 11 16 00-1063)		
22 11 16 00-1224	EA	1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	10.54	
22 11 16 00-1225	EA	3/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	15.01	
22 11 16 00-1226	EA	1" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	26.16	
22 11 16 00-1227	EA	1-1/4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	35.53	
22 11 16 00-1228	EA	1-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	44.42	
22 11 16 00-1229	EA	2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	55.96	
22 11 16 00-1230	EA	2-1/2" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	114.26	
22 11 16 00-1231	EA	3" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	180.78	
22 11 16 00-1232	EA	4" 125 LB Cast Bronze, Screwed, Reducing 1 Or 2 Sizes, Flush Bushing	379.90	
22 11 16 00-1233		1/2" Red Brass Pipe Nipples (22 11 16 00-1063)		
		Note: Threaded both ends.		
22 11 16 00-1234	EA	1/2" x Close, Red Brass Pipe Nipple.....	10.08	
22 11 16 00-1235	EA	1/2" x 1-1/2" Long, Red Brass Pipe Nipple	11.81	
22 11 16 00-1236	EA	1/2" x 2" Long, Red Brass Pipe Nipple.....	14.46	
22 11 16 00-1237	EA	1/2" x 2-1/2" Long, Red Brass Pipe Nipple	17.18	
22 11 16 00-1238	EA	1/2" x 3" Long, Red Brass Pipe Nipple.....	19.91	
22 11 16 00-1239	EA	1/2" x 3-1/2" Long, Red Brass Pipe Nipple	23.49	
22 11 16 00-1240	EA	1/2" x 4" Long, Red Brass Pipe Nipple.....	26.34	
22 11 16 00-1241	EA	1/2" x 4-1/2" Long, Red Brass Pipe Nipple	28.93	
22 11 16 00-1242	EA	1/2" x 5" Long, Red Brass Pipe Nipple.....	31.65	
22 11 16 00-1243	EA	1/2" x 5-1/2" Long, Red Brass Pipe Nipple	34.64	
22 11 16 00-1244	EA	1/2" x 6" Long, Red Brass Pipe Nipple.....	37.29	
22 11 16 00-1245		3/4" Red Brass Pipe Nipples (22 11 16 00-1063)		
		Note: Threaded both ends.		
22 11 16 00-1246	EA	3/4" x Close, Red Brass Pipe Nipple.....	14.73	
22 11 16 00-1247	EA	3/4" x 1-1/2" Long, Red Brass Pipe Nipple	15.53	
22 11 16 00-1248	EA	3/4" x 2" Long, Red Brass Pipe Nipple.....	18.78	
22 11 16 00-1249	EA	3/4" x 2-1/2" Long, Red Brass Pipe Nipple	22.10	
22 11 16 00-1250	EA	3/4" x 3" Long, Red Brass Pipe Nipple.....	25.08	
22 11 16 00-1251	EA	3/4" x 3-1/2" Long, Red Brass Pipe Nipple	28.80	
22 11 16 00-1252	EA	3/4" x 4" Long, Red Brass Pipe Nipple.....	32.38	
22 11 16 00-1253	EA	3/4" x 4-1/2" Long, Red Brass Pipe Nipple	36.36	
22 11 16 00-1254	EA	3/4" x 5" Long, Red Brass Pipe Nipple.....	39.68	
22 11 16 00-1255	EA	3/4" x 5-1/2" Long, Red Brass Pipe Nipple	45.72	
22 11 16 00-1256	EA	3/4" x 6" Long, Red Brass Pipe Nipple.....	48.04	
22 11 16 00-1257		1" Red Brass Pipe Nipples (22 11 16 00-1063)		
		Note: Threaded both ends.		
22 11 16 00-1258	EA	1" x Close, Red Brass Pipe Nipple.....	22.43	
22 11 16 00-1259	EA	1" x 1-1/2" Long, Red Brass Pipe Nipple	24.68	
22 11 16 00-1260	EA	1" x 2" Long, Red Brass Pipe Nipple.....	26.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1261 EA 1" x 2-1/2" Long, Red Brass Pipe Nipple	32.05	
22 11 16 00-1262 EA 1" x 3" Long, Red Brass Pipe Nipple	36.23	
22 11 16 00-1263 EA 1" x 3-1/2" Long, Red Brass Pipe Nipple	42.66	
22 11 16 00-1264 EA 1" x 4" Long, Red Brass Pipe Nipple	47.77	
22 11 16 00-1265 EA 1" x 4-1/2" Long, Red Brass Pipe Nipple	52.82	
22 11 16 00-1266 EA 1" x 5" Long, Red Brass Pipe Nipple	57.99	
22 11 16 00-1267 EA 1" x 5-1/2" Long, Red Brass Pipe Nipple	63.43	
22 11 16 00-1268 EA 1" x 6" Long, Red Brass Pipe Nipple	68.48	
22 11 16 00-1269 1-1/4" Red Brass Pipe Nipples (22 11 16 00-1063)		
Note: Threaded both ends.		
22 11 16 00-1270 EA 1-1/4" x Close, Red Brass Pipe Nipple	33.18	
22 11 16 00-1271 EA 1-1/4" x 1-1/2" Long, Red Brass Pipe Nipple	35.35	
22 11 16 00-1272 EA 1-1/4" x 2" Long, Red Brass Pipe Nipple	38.02	
22 11 16 00-1273 EA 1-1/4" x 2-1/2" Long, Red Brass Pipe Nipple	45.78	
22 11 16 00-1274 EA 1-1/4" x 3" Long, Red Brass Pipe Nipple	53.48	
22 11 16 00-1275 EA 1-1/4" x 3-1/2" Long, Red Brass Pipe Nipple	62.77	
22 11 16 00-1276 EA 1-1/4" x 4" Long, Red Brass Pipe Nipple	70.47	
22 11 16 00-1277 EA 1-1/4" x 4-1/2" Long, Red Brass Pipe Nipple	78.16	
22 11 16 00-1278 EA 1-1/4" x 5" Long, Red Brass Pipe Nipple	85.93	
22 11 16 00-1279 EA 1-1/4" x 5-1/2" Long, Red Brass Pipe Nipple	94.02	
22 11 16 00-1280 EA 1-1/4" x 6" Long, Red Brass Pipe Nipple	101.72	
22 11 16 00-1281 1-1/2" Red Brass Pipe Nipples (22 11 16 00-1063)		
Note: Threaded both ends.		
22 11 16 00-1282 EA 1-1/2" x Close, Red Brass Pipe Nipple	41.27	
22 11 16 00-1283 EA 1-1/2" x 1-1/2" Long, Red Brass Pipe Nipple	43.07	
22 11 16 00-1284 EA 1-1/2" x 2" Long, Red Brass Pipe Nipple	44.85	
22 11 16 00-1285 EA 1-1/2" x 2-1/2" Long, Red Brass Pipe Nipple	54.54	
22 11 16 00-1286 EA 1-1/2" x 3" Long, Red Brass Pipe Nipple	61.84	
22 11 16 00-1287 EA 1-1/2" x 3-1/2" Long, Red Brass Pipe Nipple	72.72	
22 11 16 00-1288 EA 1-1/2" x 4" Long, Red Brass Pipe Nipple	81.88	
22 11 16 00-1289 EA 1-1/2" x 4-1/2" Long, Red Brass Pipe Nipple	91.37	
22 11 16 00-1290 EA 1-1/2" x 5" Long, Red Brass Pipe Nipple	100.52	
22 11 16 00-1291 EA 1-1/2" x 5-1/2" Long, Red Brass Pipe Nipple	109.48	
22 11 16 00-1292 EA 1-1/2" x 6" Long, Red Brass Pipe Nipple	118.44	
22 11 16 00-1293 2" Red Brass Pipe Nipples (22 11 16 00-1063)		
Note: Threaded both ends.		
22 11 16 00-1294 EA 2" x Close, Red Brass Pipe Nipple.....	63.43	
22 11 16 00-1295 EA 2" x 1-1/2" Long, Red Brass Pipe Nipple	65.65	
22 11 16 00-1296 EA 2" x 2" Long, Red Brass Pipe Nipple	67.85	
22 11 16 00-1297 EA 2" x 2-1/2" Long, Red Brass Pipe Nipple	70.07	
22 11 16 00-1298 EA 2" x 3" Long, Red Brass Pipe Nipple	79.36	
22 11 16 00-1299 EA 2" x 3-1/2" Long, Red Brass Pipe Nipple	93.56	
22 11 16 00-1300 EA 2" x 4" Long, Red Brass Pipe Nipple	105.10	
22 11 16 00-1301 EA 2" x 4-1/2" Long, Red Brass Pipe Nipple	116.65	
22 11 16 00-1302 EA 2" x 5" Long, Red Brass Pipe Nipple	127.06	
22 11 16 00-1303 EA 2" x 5-1/2" Long, Red Brass Pipe Nipple	140.14	
22 11 16 00-1304 EA 2" x 6" Long, Red Brass Pipe Nipple	151.61	
22 11 16 00-1305 Cross-Linked Polyethylene Tubing, ASTM F877 (22 11 16)		
Note: Aboveground, domestic water usage.		
22 11 16 00-1306 Cross-Linked Polyethylene Tubing (22 11 16 00-1305)		
22 11 16 00-1307 LF 3/8" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	5.22	
<i>For Work In Restricted Working Space, Add</i>		0.93
22 11 16 00-1308 LF 1/2" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	5.71	
<i>For Work In Restricted Working Space, Add</i>		1.01
22 11 16 00-1309 LF 3/4" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	7.93	
<i>For Work In Restricted Working Space, Add</i>		1.09
22 11 16 00-1310 LF 1" Cross-Linked Polyethylene (PEX , XPE or XLPE) Tubing.....	11.22	
<i>For Work In Restricted Working Space, Add</i>		1.15
22 11 16 00-1311 Cross-Linked Polyethylene Forged Brass PEX Fittings (22 11 16 00-1305)		
Note: Aboveground, domestic water usage.		
22 11 16 00-1312 Male Adapters (22 11 16 00-1311)		
22 11 16 00-1313 EA 3/8" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	21.80	
<i>For Work In Restricted Working Space, Add</i>		4.82
22 11 16 00-1314 EA 1/2" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	23.54	
<i>For Work In Restricted Working Space, Add</i>		5.15
22 11 16 00-1315 EA 1/2" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.94	
<i>For Work In Restricted Working Space, Add</i>		5.46
22 11 16 00-1316 EA 3/4" x 3/4", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	27.02	
<i>For Work In Restricted Working Space, Add</i>		5.79
22 11 16 00-1317 EA 3/4" x 1/2", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing	25.94	
<i>For Work In Restricted Working Space, Add</i>		5.46

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1318	EA		1" x 1", (PE x Threaded) Forged Brass Male Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	35.06 6.43	
22 11 16 00-1319			Female Adapters (22 11 16 00-1311)		
22 11 16 00-1320	EA		1/2" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	24.21 5.15	
22 11 16 00-1321	EA		1/2" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	27.78 5.46	
22 11 16 00-1322	EA		3/4" x 3/4", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	28.86 5.79	
22 11 16 00-1323	EA		3/4" x 1/2", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	27.78 5.46	
22 11 16 00-1324	EA		1" x 1", (PE x Threaded) Forged Brass Female Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	35.89 6.43	
22 11 16 00-1325			Tube Adapters (22 11 16 00-1311)		
22 11 16 00-1326	EA		3/8" x 1/2" Forged Brass Tube Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	19.09 4.82	
22 11 16 00-1327	EA		1/2" Forged Brass Tube Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	20.16 5.15	
22 11 16 00-1328	EA		3/4" Forged Brass Tube Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	24.85 5.79	
22 11 16 00-1329	EA		1" Forged Brass Tube Adapter For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	33.35 6.43	
22 11 16 00-1330			Plugs (22 11 16 00-1311)		
22 11 16 00-1331	EA		3/8" Forged Brass Plug For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	9.85 2.25	
22 11 16 00-1332	EA		1/2" Forged Brass Plug For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	10.91 2.57	
22 11 16 00-1333	EA		3/4" Forged Brass Plug For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	12.65 2.89	
22 11 16 00-1334	EA		1" Forged Brass Plug For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	16.28 3.22	
22 11 16 00-1335			Tees (22 11 16 00-1311)		
22 11 16 00-1336	EA		3/8" Forged Brass Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	27.40 6.75	
22 11 16 00-1337	EA		1/2" Forged Brass Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	30.61 7.72	
22 11 16 00-1338	EA		3/4" Forged Brass Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	37.16 8.68	
22 11 16 00-1339	EA		1" Forged Brass Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	49.78 9.65	
22 11 16 00-1340	EA		1/2" Forged Brass Reducing Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	29.54 7.40	
22 11 16 00-1341	EA		3/4" Forged Brass Reducing Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	35.02 8.04	
22 11 16 00-1342	EA		1" Forged Brass Reducing Tee For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	45.22 8.68	
22 11 16 00-1343			Couplings (22 11 16 00-1311)		
22 11 16 00-1344	EA		3/8" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	17.51 4.50	
22 11 16 00-1345	EA		1/2" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	19.82 5.15	
22 11 16 00-1346	EA		3/4" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	22.80 5.79	
22 11 16 00-1347	EA		1" Forged Brass Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	28.83 6.43	
22 11 16 00-1348	EA		3/4" x 1/2" Forged Brass Reducing Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	21.72 5.46	
22 11 16 00-1349	EA		1" x 3/4" Forged Brass Reducing Coupling For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	27.75 6.11	
22 11 16 00-1350			Fitting Reducers (22 11 16 00-1311)		
22 11 16 00-1351	EA		3/8" x 1/2" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	19.59 4.82	
22 11 16 00-1352	EA		1/2" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	20.66 5.15	
22 11 16 00-1353	EA		3/4" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	25.85 5.79	
22 11 16 00-1354	EA		1" Forged Brass Fitting Reducer For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	39.07 6.43	
22 11 16 00-1355			90 Degree Elbows (22 11 16 00-1311)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 16 00-1356 EA 3/8" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	19.01 4.50	
22 11 16 00-1357 EA 1/2" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	21.16 5.15	
22 11 16 00-1358 EA 3/4" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	25.85 5.79	
22 11 16 00-1359 EA 3/4" x 1/2" Forged Brass 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	24.77 5.46	
22 11 16 00-1360 EA 1/2" Drop 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	31.60 5.15	
22 11 16 00-1361 EA 3/4" Forged Brass Drop 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	35.25 5.79	
22 11 16 00-1362 EA 3/4" x 1/2" Forged Brass Drop 90 Degree Elbow For PEX Tubing <i>For Work In Restricted Working Space, Add</i>	34.17 5.46	
22 11 19 Domestic Water Piping Specialties (22 11)		
22 11 19 00-0001 Rubber Hose And Clamps (22 11 19)		
22 11 19 00-0002 General Purpose Hose (22 11 19 00-0001)		
Note: For medium pressure (up to 200/250 psi) applications requiring excellent resistance to air, oil and heat.		
22 11 19 00-0003 LF 3/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	8.24	2.13
22 11 19 00-0004 LF 1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	9.87	2.13
22 11 19 00-0005 LF 5/8" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	12.37	2.13
22 11 19 00-0006 LF 3/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	12.50	2.13
22 11 19 00-0007 LF 1" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	17.59	3.20
22 11 19 00-0008 LF 1-1/4" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	30.25	3.20
22 11 19 00-0009 LF 1-1/2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	32.84	4.26
22 11 19 00-0010 LF 2" Inside Diameter Ethylene Propylene Diene Monomer (EPDM) Rubber Hose And Clamp.....	64.98	4.26
22 11 19 00-0011 Reinforced EPDM Water Hose Assembly (22 11 19 00-0001)		
Note: Includes male/female camlock, 150 psi, synthetic fiber with steel wire helix reinforcement.		
22 11 19 00-0012 LF 1-1/2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	87.37	4.26
22 11 19 00-0013 LF 2" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	103.31	4.26
22 11 19 00-0014 LF 3" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	145.36	5.24
22 11 19 00-0015 LF 4" Inside Diameter, Ethylene Propylene Diene Monomer (EPDM) Rubber Hose, Male/Female Camlocks, Synthetic Fiber With Steel Wire Helix Reinforcement.....	204.83	7.08
22 11 19 00-0016 Chemical Resistant Rubber Hoses (22 11 19 00-0001)		
22 11 19 00-0017 EA 50' x 6" Brown Gum Rubber, Chemical Resistant Flexible Hose.....	1,474.14	343.94
22 11 19 00-0018 EA 50' x 6" Nitrile Rubber, Low pH Resistance, Flexible Hose.....	1,989.28	343.94
22 11 19 00-0019 Water Pump Hose (22 11 19 00-0001)		
22 11 19 00-0020 EA 2" Inside Diameter, 20' Rubber Discharge Hose.....	711.12	65.11
22 11 19 00-0021 EA 2" Inside Diameter, 20' Rubber Intake Hose.....	756.06	65.11
22 11 19 00-0022 Barbed Hose x Threaded Male Pipe, Steel Coupling (22 11 19 00-0001)		
22 11 19 00-0023 EA 3/8" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling.....	27.06	8.95
22 11 19 00-0024 EA 1/2" Inside Diameter Barbed Hose x 1/2" Threaded Male Pipe, Steel Coupling.....	28.68	9.59
22 11 19 00-0025 EA 5/8" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling.....	30.72	10.23
22 11 19 00-0026 EA 3/4" Inside Diameter Barbed Hose x 3/4" Threaded Male Pipe, Steel Coupling.....	34.89	11.50
22 11 19 00-0027 EA 1" Inside Diameter Barbed Hose x 1" Threaded Male Pipe, Steel Coupling.....	41.75	14.07
22 11 19 00-0028 EA 1-1/4" Inside Diameter Barbed Hose x 1-1/4" Threaded Male Pipe, Steel Coupling.....	49.41	16.84
22 11 19 00-0029 EA 1-1/2" Inside Diameter Barbed Hose x 1-1/2" Threaded Male Pipe, Steel Coupling.....	63.55	22.16
22 11 19 00-0030 EA 2" Inside Diameter Barbed Hose x 2" Threaded Male Pipe, Steel Coupling.....	80.06	27.70
22 11 19 00-0031 Worm-Drive Hose Clamp (22 11 19 00-0001)		
22 11 19 00-0032 EA 3/8" To 1" Diameter Worm Drive Hose Clamp.....	12.19	3.20
22 11 19 00-0033 EA 1/2" To 1-1/6" Diameter Worm Drive Hose Clamp.....	12.86	3.20
22 11 19 00-0034 EA 5/8" To 1-1/2" Diameter Worm Drive Hose Clamp.....	13.56	3.20
22 11 19 00-0035 EA 3/4" To 2" Diameter Worm Drive Hose Clamp.....	14.40	3.20
22 11 19 00-0036 EA 1" To 2-1/2" Diameter Worm Drive Hose Clamp.....	15.35	3.20
22 11 19 00-0037 EA 1-1/4" To 2-3/4" Diameter Worm Drive Hose Clamp.....	16.72	4.26
22 11 19 00-0038 EA 1-1/2" To 3" Diameter Worm Drive Hose Clamp.....	17.98	4.26
22 11 19 00-0039 Trap Primer And Accessories (22 11 19)		
22 11 19 00-0040 Trap Primer (22 11 19 00-0039)		
22 11 19 00-0041 EA 1/2" Inlet/Outlet, Flow Through Automatic Trap Primer (JR Smith 2699).....	310.35	16.08
22 11 19 00-0042 EA 1/2" Inlet/Outlet, Automatic Trap Primer, Up To Two Floor Drains (PPP PR-500).....	189.88	10.72
22 11 19 00-0043 EA 1/2" Inlet/Outlet, Automatic Trap Primer, Up To Four Floor Drains (PPP PO-500).....	183.70	10.72

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0044			Trap Primer Distribution Unit (22 11 19 00-0039)		
22 11 19 00-0045	EA		Molded Plastic Four Opening Trap Primer Distribution Unit (PPP DU-U) Note: Can be used for two, three or four drains.	152.47	21.44
22 11 19 00-0046	EA		Copper Four Opening Trap Primer Distribution Unit (PPP DU-4) Note: Can be used for two, three or four drains.	169.09	21.44
22 11 19 00-0047			Trap Primer Manifold (22 11 19 00-0039)		
22 11 19 00-0048	EA		Two Outlet Trap Primer Manifold	248.20	28.83
22 11 19 00-0049	EA		Four Outlet Trap Primer Manifold	378.68	32.79
22 11 19 00-0050	EA		Six Outlet Trap Primer Manifold	506.66	34.73
22 11 19 00-0051	EA		Eight Outlet Trap Primer Manifold.....	638.26	40.72
22 11 19 00-0052			Sewage Air Release Valves (22 11 19)		
22 11 19 00-0053			Cast Iron, Sewage Air Release Valves (22 11 19 00-0052) Note: Stainless steel float.		
22 11 19 00-0054	EA		2" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400) <i>For Back Flush Attachment, Add</i>	947.60 650.00	39.14
22 11 19 00-0055	EA		3" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400) <i>For Back Flush Attachment, Add</i>	1,160.55 650.00	65.40
22 11 19 00-0056	EA		4" x 1/2" NPT, Cast Iron, Sewage Air Release Valve (Apco 400) <i>For Back Flush Attachment, Add</i>	1,471.70 650.00	82.56
22 11 19 00-0057			Cast Iron, Sewage Air Vacuum Valves (22 11 19 00-0052) Note: Stainless steel float.		
22 11 19 00-0058	EA		2" x 1" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 401) <i>For Back Flush Attachment, Add</i>	968.30 650.00	39.14
22 11 19 00-0059	EA		2" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 402) <i>For Back Flush Attachment, Add</i>	1,904.90 650.00	39.14
22 11 19 00-0060	EA		3" x 2" NPT, Cast Iron, Sewage Air Vacuum Valve (Apco 403) <i>For Back Flush Attachment, Add</i>	2,283.43 650.00	65.40
22 11 19 00-0061	EA		4" NPT x 4" With Hood, Cast Iron, Sewage Air Vacuum Valve (Apco 404)	3,383.71	82.56
22 11 19 00-0062			Cast Iron, Sewage Combination Air Valves (22 11 19 00-0052) Note: Stainless steel float.		
22 11 19 00-0063	EA		2" x 1" NPT, Sewage Combination Air Valve (Apco 443).....	2,075.67	39.14
22 11 19 00-0064	EA		2" x 2" NPT, Sewage Combination Air Valve (Apco 445).....	2,864.79	39.14
22 11 19 00-0065	EA		3" x 3" NPT, Sewage Combination Air Valve (Apco 447).....	3,349.40	65.40
22 11 19 00-0066	EA		4" x 4" NPT, Sewage Combination Air Valve (Apco 449).....	4,095.22	82.56
22 11 19 00-0067			Brass, Anti Siphon Vacuum Breakers (22 11 19) Note: Watts 288A		
22 11 19 00-0068	EA		1/2" Brass, Anti Siphon Vacuum Breaker	106.19	26.79
22 11 19 00-0069	EA		3/4" Brass, Anti Siphon Vacuum Breaker	122.34	30.01
22 11 19 00-0070	EA		1" Brass, Anti Siphon Vacuum Breaker	259.73	34.29
22 11 19 00-0071	EA		1-1/4" Brass, Anti Siphon Vacuum Breaker	418.09	39.65
22 11 19 00-0072	EA		1-1/2" Brass, Anti Siphon Vacuum Breaker	499.73	43.94
22 11 19 00-0073	EA		2" Brass, Anti Siphon Vacuum Breaker	735.27	53.59
22 11 19 00-0074	EA		2-1/2" Brass, Anti Siphon Vacuum Breaker	1,952.39	66.99
22 11 19 00-0075			Anti Siphon Pressure Vacuum Breakers (22 11 19) Note: Watts 800M4QT		
22 11 19 00-0076	EA		1/2" Anti Siphon Pressure Type Vacuum Breaker	328.99	26.79
22 11 19 00-0077	EA		3/4" Anti Siphon Pressure Type Vacuum Breaker	285.51	30.01
22 11 19 00-0078	EA		1" Anti Siphon Pressure Type Vacuum Breaker	411.28	34.29
22 11 19 00-0079	EA		1-1/4" Anti Siphon Pressure Type Vacuum Breaker	751.50	39.65
22 11 19 00-0080	EA		1-1/2" Anti Siphon Pressure Type Vacuum Breaker	915.80	43.94
22 11 19 00-0081	EA		2" Anti Siphon Pressure Type Vacuum Breaker	921.64	53.59
22 11 19 00-0082			Bellows Type Water Hammer Arrestors (22 11 19)		
22 11 19 00-0083	EA		Up To 11 Fixture Unit Capacity, 3/4" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5005)	305.43	12.81
22 11 19 00-0084	EA		>11 To 32 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5010)	600.39	15.50
22 11 19 00-0085	EA		>32 To 60 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5020)	882.62	15.50
22 11 19 00-0086	EA		>60 To 113 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5030)	2,166.11	15.50
22 11 19 00-0087	EA		>113 To 154 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5040)	2,441.03	15.50
22 11 19 00-0088	EA		>154 To 330 Fixture Unit Capacity, 1" Nipple, Stainless Steel, Hydrotrol Water Hammer Arrestor (Jay R. Smith® 5050)	2,992.49	15.50
22 11 19 00-0089			Piston Type Water Hammer Arrestors (22 11 19)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0090 Threaded Piston Type Water Hammer Arrestors <small>(22 11 19 00-0090)</small>		
22 11 19 00-0091 EA Up To 11 Fixture Unit Capacity, 1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-A).....	184.64	7.14
22 11 19 00-0092 EA >11 To 32 Fixture Unit Capacity, 3/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-B).....	357.17	8.24
22 11 19 00-0093 EA >32 To 60 Fixture Unit Capacity, 1" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-C).....	532.35	8.93
22 11 19 00-0094 EA >60 To 113 Fixture Unit Capacity, 1-1/4" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-D).....	1,314.45	11.53
22 11 19 00-0095 EA >113 To 154 Fixture Unit Capacity, 1-1/2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-E).....	1,600.83	14.29
22 11 19 00-0096 EA >154 To 330 Fixture Unit Capacity, 2" M.P.T Brass Connection, Copper Body, Piston Type Water Hammer Arrestor (MI Fab MWH-F).....	1,821.97	15.50
22 11 19 00-0097 Escutcheons <small>(22 11 19)</small>		
22 11 19 00-0098 Brass Escutcheons <small>(22 11 19 00-0097)</small>		
22 11 19 00-0099 Shallow Brass Escutcheons <small>(22 11 19 00-0098)</small>		
22 11 19 00-0100 EA 3/8" IPS, Antique Or Polished Brass Shallow Escutcheon.....	12.82	2.68
22 11 19 00-0101 EA 1/2" IPS, Antique Or Polished Brass Shallow Escutcheon.....	13.87	2.68
22 11 19 00-0102 Deep Bell Brass Escutcheons <small>(22 11 19 00-0098)</small>		
22 11 19 00-0103 EA 3/8" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	15.24	3.00
22 11 19 00-0104 EA 1/2" IPS, Antique Or Polished Deep Bell Brass Escutcheon.....	15.28	3.00
22 11 19 00-0105 Chrome Plated Brass Escutcheons With Setscrew <small>(22 11 19 00-0098)</small>		
22 11 19 00-0106 EA 3/8" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	22.59	2.68
22 11 19 00-0107 EA 1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	22.83	2.68
22 11 19 00-0108 EA 5/8" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	23.20	2.68
22 11 19 00-0109 EA 3/4" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	24.53	2.68
22 11 19 00-0110 EA 7/8" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	24.88	3.21
22 11 19 00-0111 EA 1" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	26.18	3.21
22 11 19 00-0112 EA 1-1/4" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	27.08	3.54
22 11 19 00-0113 EA 1-1/2" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	28.29	3.75
22 11 19 00-0114 EA 2" IPS, Chrome Plated Brass Escutcheon With Setscrew.....	40.95	4.29
22 11 19 00-0115 Plastic Escutcheons <small>(22 11 19 00-0097)</small>		
22 11 19 00-0116 Split-Ring White Plastic Escutcheons <small>(22 11 19 00-0115)</small>		
22 11 19 00-0117 EA 3/8" IPS, Split-Ring White Plastic Escutcheon.....	6.73	2.66
22 11 19 00-0118 EA 1/2" IPS, Split-Ring White Plastic Escutcheon.....	6.73	2.66
22 11 19 00-0119 EA 3/4" IPS, Split-Ring White Plastic Escutcheon.....	7.92	2.98
22 11 19 00-0120 EA 1" IPS, Split-Ring White Plastic Escutcheon.....	8.58	3.20
22 11 19 00-0121 EA 1-1/4" IPS, Split-Ring White Plastic Escutcheon.....	9.23	3.52
22 11 19 00-0122 EA 1-1/2" IPS, Split-Ring White Plastic Escutcheon.....	9.85	3.73
22 11 19 00-0123 EA 2" IPS, Split-Ring White Plastic Escutcheon.....	11.08	4.26
22 11 19 00-0124 EA 2-1/2" IPS, Split-Ring White Plastic Escutcheon.....	14.55	4.58
22 11 19 00-0125 EA 3" IPS, Split-Ring White Plastic Escutcheon.....	18.03	4.79
22 11 19 00-0126 EA 4" IPS, Split-Ring White Plastic Escutcheon.....	22.05	5.33
22 11 19 00-0127 Chrome Plate Plastic Escutcheons <small>(22 11 19 00-0115)</small>		
22 11 19 00-0128 EA 1/2" IPS, Chrome Plate Plastic Escutcheon.....	9.15	2.66
22 11 19 00-0129 EA 3/4" IPS, Chrome Plate Plastic Escutcheon.....	9.99	2.98
22 11 19 00-0130 EA 1" IPS, Chrome Plate Plastic Escutcheon.....	11.24	3.20
22 11 19 00-0131 EA 1-1/4" IPS, Chrome Plate Plastic Escutcheon.....	12.49	3.52
22 11 19 00-0132 EA 1-1/2" IPS, Chrome Plate Plastic Escutcheon.....	13.13	3.73
22 11 19 00-0133 EA 2" IPS, Chrome Plate Plastic Escutcheon.....	16.67	4.26
22 11 19 00-0134 EA 2-1/2" IPS, Chrome Plate Plastic Escutcheon.....	24.62	4.58
22 11 19 00-0135 EA 3" IPS, Chrome Plate Plastic Escutcheon.....	25.47	4.79
22 11 19 00-0136 EA 4" IPS, Chrome Plate Plastic Escutcheon.....	27.16	5.33
22 11 19 00-0137 Stainless Steel Escutcheons <small>(22 11 19 00-0097)</small>		
22 11 19 00-0138 Shallow Stainless Steel Escutcheons <small>(22 11 19 00-0137)</small>		
22 11 19 00-0139 EA 3/8" IPS, Shallow Stainless Steel Escutcheon.....	17.76	2.68
22 11 19 00-0140 EA 1/2" IPS, Shallow Stainless Steel Escutcheon.....	17.76	2.68
22 11 19 00-0141 EA 3/4" IPS, Shallow Stainless Steel Escutcheon.....	25.56	3.00
22 11 19 00-0142 Chrome Plated Steel Escutcheons <small>(22 11 19 00-0097)</small>		
22 11 19 00-0143 Split-Ring Chrome Plated Steel Escutcheons <small>(22 11 19 00-0142)</small>		
22 11 19 00-0144 EA 1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	6.09	2.66
22 11 19 00-0145 EA 3/4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	6.62	2.98
22 11 19 00-0146 EA 1" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	7.29	3.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0147	EA		1-1/4" IPS, Split-Ring Chrome Plated Steel Escutcheon	7.82	3.52
22 11 19 00-0148	EA		1-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	8.36	3.73
22 11 19 00-0149	EA		2" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	9.64	4.26
22 11 19 00-0150	EA		2-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	15.26	4.58
22 11 19 00-0151	EA		3" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	16.22	4.79
22 11 19 00-0152	EA		3-1/2" IPS, Split-Ring Chrome Plated Steel Escutcheon	20.30	5.11
22 11 19 00-0153	EA		4" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	17.65	5.33
22 11 19 00-0154	EA		5" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	23.15	5.86
22 11 19 00-0155	EA		6" IPS, Split-Ring Chrome Plated Steel Escutcheon.....	27.17	6.39
22 11 19 00-0156			Split-Ring/Springs Chrome Plated Steel Escutcheons (22 11 19 00-0142)		
22 11 19 00-0157	EA		3/8" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.35	2.66
22 11 19 00-0158	EA		1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	10.35	2.66
22 11 19 00-0159	EA		3/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.04	2.98
22 11 19 00-0160	EA		1" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	11.59	3.20
22 11 19 00-0161	EA		1-1/4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	13.21	3.52
22 11 19 00-0162	EA		1-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	13.96	3.73
22 11 19 00-0163	EA		2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	16.60	4.26
22 11 19 00-0164	EA		2-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	19.24	4.58
22 11 19 00-0165	EA		3" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	23.80	4.79
22 11 19 00-0166	EA		3-1/2" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	29.57	5.11
22 11 19 00-0167	EA		4" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	29.94	5.33
22 11 19 00-0168	EA		5" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	50.55	5.86
22 11 19 00-0169	EA		6" IPS, Split-Ring/Springs Chrome Plated Steel Escutcheon	52.67	6.39
22 11 19 00-0170			Deep Bell Chrome Plated Steel Escutcheons (22 11 19 00-0142)		
22 11 19 00-0171	EA		3/8" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	7.53	3.00
22 11 19 00-0172	EA		1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	7.41	3.00
22 11 19 00-0173	EA		3/4" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	7.15	3.00
22 11 19 00-0174	EA		1" IPS, Deep Bell Chrome Plated Steel Escutcheon.....	8.01	3.21
22 11 19 00-0175	EA		1-1/4" IPS, Deep Bell Chrome Plated Steel Escutcheon	8.70	3.54
22 11 19 00-0176	EA		1-1/2" IPS, Deep Bell Chrome Plated Steel Escutcheon	9.62	3.75
22 11 19 00-0177			Shallow Chrome Plated Steel Escutcheons (22 11 19 00-0142)		
22 11 19 00-0178	EA		3/8" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.65	2.68
22 11 19 00-0179	EA		1/2" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.65	2.68
22 11 19 00-0180	EA		3/4" IPS, Shallow Chrome Plated Steel Escutcheon.....	6.77	2.68
22 11 19 00-0181	EA		1" IPS, Shallow Chrome Plated Steel Escutcheon.....	7.27	3.21
22 11 19 00-0182	EA		1-1/4" IPS, Shallow Chrome Plated Steel Escutcheon	7.86	3.54
22 11 19 00-0183	EA		1-1/2" IPS, Shallow Chrome Plated Steel Escutcheon	8.76	3.75
22 11 19 00-0184	EA		2" IPS, Shallow Chrome Plated Steel Escutcheon.....	9.92	4.29
22 11 19 00-0185			Wall Hydrants (22 11 19)		
			Note: Female inlet connection, 3/4" hose thread outlet.		
22 11 19 00-0186			Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker		
			Wall Hydrants (22 11 19 00-0185)		
			Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0187	EA		6" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant.....	1,031.04	26.79
			For Cast Bronze Box, Add	54.58	
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0188	EA		12" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant.....	1,081.06	32.15
			For Cast Bronze Box, Add	54.58	
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0189	EA		18" Thick Wall, Cast Bronze, Non-Freeze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant.....	1,103.01	38.69
			For Cast Bronze Box, Add	54.58	
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0190			Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrants		
			(22 11 19 00-0185)		
			Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0191	EA		Cast Bronze, Stainless Steel Box, Integral Vacuum Breaker Wall Hydrant	999.92	45.01
			For Cast Bronze Box, Add	54.58	
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0192			Cast Bronze Non-Freezing Wall Hydrant (22 11 19 00-0185)		
			Note: 3/4" HPT outlet. 3/4" NPT female and 1" NPT male inlet connection. Includes wall clamp.		
22 11 19 00-0193	EA		3" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	523.23	33.23
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0194	EA		4" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	661.44	33.23
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0195	EA		6" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	661.44	33.23
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0196	EA		8" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant.....	661.44	33.23
			For 1" NPT Outlet, Add	128.65	
22 11 19 00-0197	EA		10" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant	693.60	66.99
			For 1" NPT Outlet, Add	128.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0198	EA		12" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant..... <i>For 1" NPT Outlet, Add</i>	693.60 128.65	66.99
22 11 19 00-0199	EA		18" Thick Wall, Cast Bronze, Non-Freeze, Nikaloy Face, Integral Vacuum Breaker Wall Hydrant..... <i>For 1" NPT Outlet, Add</i>	789.81 128.65	66.99
22 11 19 00-0200			Stainless Steel Box Type Wall Hydrants (22 11 19 00-0185) Note: With 3/4" NPT female and 3/4" NPT male inlet connection.		
22 11 19 00-0201	EA		Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8140).....	494.76	26.79
22 11 19 00-0202	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8141).....	542.98	26.79
22 11 19 00-0203	EA		Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8150).....	549.55	26.79
22 11 19 00-0204	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8151).....	621.88	26.79
22 11 19 00-0205	EA		Recessed Stainless Steel Hose Box With Wall Flange Less Door (Acorn 8145)..... Note: Includes hot and cold hose connections.	883.01	37.51
22 11 19 00-0206	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange Less Door (Acorn 8146)..... Note: Includes hot and cold hose connections.	911.50	37.51
22 11 19 00-0207	EA		Recessed Stainless Steel Hose Box With Wall Flange And Door (Acorn 8155)..... Note: Includes hot and cold hose connections.	911.50	37.51
22 11 19 00-0208	EA		Recessed Stainless Steel Hose Box With Vacuum Breaker, Wall Flange And Door (Acorn 8156)..... Note: Includes hot and cold hose connections.	979.44	37.51
22 11 19 00-0209			Washer Boxes And Dryer Outlets (22 11 19)		
22 11 19 00-0210			Dryer Vent Kit (22 11 19 00-0209) Note: Includes 4" flexible tubing plastic hood clamps and tailpipe.		
22 11 19 00-0211	EA		Dryer Vent Kit With Hood, 4" x 5' Flexible Vent And Clamps.....	76.50	13.93
22 11 19 00-0212			Washer Boxes And Dryer Vents (22 11 19 00-0209) Note: Includes 1/2" supply valves and mounting brackets.		
22 11 19 00-0213	EA		2" Washing Machine Outlet Box, Plastic, Two 1/2" Supply Valves.....	267.10	21.44
22 11 19 00-0214			Ice Maker Outlet Box (22 11 19) Note: Includes one 1/2" quarter turn ball valve and connections wall mount.		
22 11 19 00-0215	EA		Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount.....	143.48	21.44
22 11 19 00-0216	EA		Plastic Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve With Water Hammer Arrestor, Wall Mount.....	146.36	21.44
22 11 19 00-0217	EA		Steel Ice Maker Outlet Box, 1/2" Quarter Turn Ball Valve, Wall Mount.....	221.52	21.44
22 11 19 00-0218			Tempering Controllers For Potable Hot Water (22 11 19)		
22 11 19 00-0219			Point-Of-Use Thermostatic Mixing Valves (Bradley) (22 11 19 00-0218) Note: Point-of-Use Water Tempering Valves: ASSE 1016, or 1070, with piston-control mechanism, positive shutoff of hot water when cold water supply is lost, bronze body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner.		
22 11 19 00-0220	EA		1/2" Inlets, 1/2" Outlet Sink/Faucet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-2007).....	557.73	25.94
22 11 19 00-0221	EA		1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4004).....	136.31	25.94
22 11 19 00-0222	EA		1/2" Inlets, 1/2" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4008).....	311.82	25.94
22 11 19 00-0223	EA		3/4" Inlets, 3/4" Outlet Point-Of-Use Thermostatic Mixing Valve (Bradley S59-4016).....	355.30	34.95
22 11 19 00-0224			Thermostatic Mixing Valves (Bradley) (22 11 19 00-0218) Note: Standard Thermostatic, Water Mixing Valves: ASSE 1017, liquid-filled motor and piston control mechanism with positive shutoff of hot water when coldwater supply is lost. Water flow is shut off in event of thermostat failure. Bronze valve body and cap with replaceable corrosion-resistant components, including stainless steel piston and liner. Equipped with integral check stops and removable strainers.		
22 11 19 00-0225	EA		3/4" Inlets, 3/4" Outlet, 25 GPM Thermostatic Mixing Valve (Bradley S59-2025).....	1,531.64	37.42
22 11 19 00-0226	EA		3/4" Inlets, 1" Outlet, 45 GPM Thermostatic Mixing Valve (Bradley S59-2045).....	1,717.07	46.09
22 11 19 00-0227	EA		1" Inlets, 1-1/4" Outlet, 80 GPM Thermostatic Mixing Valve (Bradley S59-2080).....	2,065.19	53.61
22 11 19 00-0228	EA		1-1/4" Inlets, 1-1/2" Outlet, 130 GPM Thermostatic Mixing Valve (Bradley S59-2130).....	2,683.88	56.34
22 11 19 00-0229	EA		2" Inlets, 2" Outlet, 220 GPM Thermostatic Mixing Valve (Bradley S59-2200).....	3,604.55	73.10
22 11 19 00-0230			High Low Temperature Thermostatic Mixing Valves (Bradley) (22 11 19 00-0218) Note: High Low Temperature Thermostatic Mixing Valves: ASSE 1017, liquid-filled thermal motor and piston control mechanism with positive shutoff of hot water when cold water supply is lost, and allowing restricted cold flow in event of loss or interruption of hot water supply. Flow is shut off in the event of thermostat failure. Equipped with integral check stops, thermometer, and removable strainers.		
22 11 19 00-0231	EA		3/4" Inlets, 1" Outlet, 45 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3045).....	3,924.12	57.63
22 11 19 00-0232	EA		1" Inlets, 1-1/4" Outlet, 80 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3080).....	5,111.56	67.01
22 11 19 00-0233	EA		1-1/4" Inlets, 1-1/2" Outlet, 130 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3130).....	5,985.34	70.43
22 11 19 00-0234	EA		2" Inlets, 2" Outlet, 220 GPM High-Low Thermostatic Mixing Valve (Bradley S59-3200).....	6,601.82	91.37
22 11 19 00-0235			Thermostatic Mixing Valves (Leonard) (22 11 19 00-0218) Note: Thermostatic Water Mixing Valve with Integral combination checkstops with strainers, 125 PSI (8.6 BAR) maximum operating pressure, Copper encapsulated thermostatic assembly with Teflon coated brass shuttle, Locking temperature regulating handle, Top or bottom supply/outlet connections, Integral circulation port connection		
22 11 19 00-0236	EA		3/4" In x 3/4" Out Thermostatic Mixing Valve (Leonard LV-981-RF)..... Note: For hot water or two pipe low pressure steam.	1,106.96	37.42
22 11 19 00-0237	EA		1" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-982-RF)..... Note: For hot water or two pipe low pressure steam.	1,302.24	46.08

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0238	EA		1-1/4" In x 1-1/4" Out Thermostatic Mixing Valve (Leonard LV-983-RF)..... Note: For hot water or two pipe low pressure steam.	1,602.01	53.61
22 11 19 00-0239	EA		1-1/4" In x 1-1/2" Out Thermostatic Mixing Valve (Leonard LV-984-RF)..... Note: For hot water or two pipe low pressure steam.	1,963.37	56.36
22 11 19 00-0240	EA		2" In x 2" Out Thermostatic Mixing Valve (Leonard LV-985-RF)..... Note: For hot water or two pipe low pressure steam.	2,922.24	73.10
22 11 19 00-0241			Water Mixing/Self Operating Temperature Regulator (22 11 19 00-0218) Note: Includes high rate spring, temperature adjustment screw, temperature dial and remote bulb with 8' capillary tube.		
22 11 19 00-0242	EA		3/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	3,237.16	53.59
22 11 19 00-0243	EA		1" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	3,423.14	67.52
22 11 19 00-0244	EA		1-1/4" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	3,765.42	81.45
22 11 19 00-0245	EA		1-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	4,140.68	95.38
22 11 19 00-0246	EA		2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	4,932.59	125.39
22 11 19 00-0247	EA		2-1/2" Valve Size, Water Mixing/Self Operating Temperature Regulator (Powers #11 Type WM Regulator).....	5,836.37	143.01
22 11 19 00-0248			Thermostatic Mixing Valves (Holby) (22 11 19 00-0219)		
22 11 19 00-0249	EA		2-1/2" Thermostatic Mixing Valve (Holby HOLBY2500).....	5,232.08	73.12
22 11 19 00-0250			Backflow Preventer Valves (22 11 19)		
22 11 19 00-0251			Double Check Valve Backflow Preventer Assemblies (22 11 19 00-0250)		
22 11 19 00-0252			Threaded Double Check Valve Assemblies (22 11 19 00-0251)		
22 11 19 00-0253			Double Check Valve Assemblies With Quarter Turn Shut-Offs (22 11 19 00-0252) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and two epoxy coated bronze body check valves (Watts 007 QT or 719 QT series).		
22 11 19 00-0254	EA		1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	448.84 21.54 -377.04	28.72
22 11 19 00-0255	EA		3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	527.45 30.54 -425.64	40.72
22 11 19 00-0256	EA		1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	607.25 37.30 -482.93	49.73
22 11 19 00-0257	EA		1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	854.18 43.40 -709.50	57.87
22 11 19 00-0258	EA		1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,059.67 49.51 -894.63	66.45
22 11 19 00-0259	EA		2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 007 QT or 719 QT Series)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,217.34 64.30 -1,003.00	85.73
22 11 19 00-0260			Double Check Valve Assemblies With Quarter Turn Shut-Offs And Strainer (22 11 19 00-0252) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, two epoxy coated bronze body check valves, and bronze strainer (Watts 007 QT-S or 719 QT-S series).		
22 11 19 00-0261	EA		1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	556.73 21.54 -484.93	28.72
22 11 19 00-0262	EA		3/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	685.47 30.54 -583.66	40.72
22 11 19 00-0263	EA		1" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	800.97 37.30 -676.65	49.73
22 11 19 00-0264	EA		1-1/4" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,130.21 43.40 -985.53	57.87
22 11 19 00-0265	EA		1-1/2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,384.77 49.51 -1,219.73	66.45
22 11 19 00-0266	EA		2" Threaded Double Check Valve Assembly With Quarter Turn Shut-offs And Strainer (Watts 007 QT-S or 719 QT-S)..... <i>For Work In Restricted Working Space, Add</i> <i>For Owner Furnished Material, Deduct</i>	1,666.18 64.30 -1,451.84	85.73
22 11 19 00-0267			Flanged Double Check Valve Assemblies (22 11 19 00-0251)		
22 11 19 00-0268			Double Check Valve Assemblies With Non-Rising Stem Shut-Offs (22 11 19 00-0267) Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 NRS series).		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0269 EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,156.27	236.87
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-5,840.43	
22 11 19 00-0270 EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF007 NRS)	6,763.78	266.49
<i>For Work In Restricted Working Space, Add</i>	105.11	
<i>For Owner Furnished Material, Deduct</i>	-6,413.40	
22 11 19 00-0271 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs ⁽²²		
^{11 19 00-0267)} Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF007 OSY series).		
22 11 19 00-0272 EA 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF007 OSY)	6,749.91	236.87
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-6,434.07	
22 11 19 00-0273 EA 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 007 OSY)	7,753.18	266.49
<i>For Work In Restricted Working Space, Add</i>	105.11	
<i>For Owner Furnished Material, Deduct</i>	-7,402.80	
22 11 19 00-0274 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs ^(22 11 19 00-0267)		
Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 NRS series).		
22 11 19 00-0275 EA 2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	6,199.07	236.87
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-5,883.25	
22 11 19 00-0276 EA 3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	4,711.66	266.49
<i>For Work In Restricted Working Space, Add</i>	105.12	
<i>For Owner Furnished Material, Deduct</i>	-4,361.27	
22 11 19 00-0277 EA 4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS series)	7,379.57	394.79
<i>For Work In Restricted Working Space, Add</i>	157.83	
<i>For Owner Furnished Material, Deduct</i>	-6,853.46	
22 11 19 00-0278 EA 6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	11,181.87	583.36
<i>For Work In Restricted Working Space, Add</i>	316.14	
<i>For Owner Furnished Material, Deduct</i>	-10,128.06	
22 11 19 00-0279 EA 8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	25,665.98	875.04
<i>For Work In Restricted Working Space, Add</i>	474.29	
<i>For Owner Furnished Material, Deduct</i>	-24,085.01	
22 11 19 00-0280 EA 10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts LF709 NRS Series)	32,987.07	1,034.99
<i>For Work In Restricted Working Space, Add</i>	564.54	
<i>For Owner Furnished Material, Deduct</i>	-31,105.26	
22 11 19 00-0281 Double Check Valve Assemblies With Non-Rising Stem Shut-Offs And Strainer ^(22 11 19 00-0267)		
Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, two epoxy coated iron body check valves, and iron body strainer (Watts 709 NRS-S series).		
22 11 19 00-0282 EA 4" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	8,633.25	394.79
<i>For Work In Restricted Working Space, Add</i>	157.82	
<i>For Owner Furnished Material, Deduct</i>	-8,107.19	
22 11 19 00-0283 EA 6" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	14,332.48	583.36
<i>For Work In Restricted Working Space, Add</i>	316.14	
<i>For Owner Furnished Material, Deduct</i>	-13,278.67	
22 11 19 00-0284 EA 10" Flanged Double Check Valve Assembly With NRS Shut-offs And Strainer (Watts LF709 NRS-S-FDA Series)	38,362.01	1,034.99
<i>For Work In Restricted Working Space, Add</i>	564.54	
<i>For Owner Furnished Material, Deduct</i>	-36,480.20	
22 11 19 00-0285 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs ⁽²²		
^{11 19 00-0267)} Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and two epoxy coated iron body check valves (Watts LF709 OSY series).		
22 11 19 00-0286 EA 2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	6,587.45	236.87
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-6,271.63	
22 11 19 00-0287 EA 3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY series)	7,237.80	266.49
<i>For Work In Restricted Working Space, Add</i>	105.11	
<i>For Owner Furnished Material, Deduct</i>	-6,887.42	
22 11 19 00-0288 EA 4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	7,834.35	394.79
<i>For Work In Restricted Working Space, Add</i>	157.82	
<i>For Owner Furnished Material, Deduct</i>	-7,308.29	
22 11 19 00-0289 EA 6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	13,115.66	583.36
<i>For Work In Restricted Working Space, Add</i>	316.14	
<i>For Owner Furnished Material, Deduct</i>	-12,061.85	
22 11 19 00-0290 EA 8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	27,271.71	875.04
<i>For Work In Restricted Working Space, Add</i>	474.22	
<i>For Owner Furnished Material, Deduct</i>	-25,690.99	
22 11 19 00-0291 EA 10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts LF709 OSY Series)	35,059.25	1,034.99
<i>For Work In Restricted Working Space, Add</i>	564.54	
<i>For Owner Furnished Material, Deduct</i>	-33,177.44	
22 11 19 00-0292 Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs ⁽²²		
^{11 19 00-0267)} Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 OSY series).		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0293	EA		2-1/2" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	3,904.40	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-3,588.58	
22 11 19 00-0294	EA		3" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	4,298.02	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-3,947.64	
22 11 19 00-0295	EA		4" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	4,832.77	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.82	
			<i>For Owner Furnished Material, Deduct</i>	-4,306.71	
22 11 19 00-0296	EA		6" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	7,787.95	583.36
			<i>For Work In Restricted Working Space, Add</i>	316.14	
			<i>For Owner Furnished Material, Deduct</i>	-6,734.14	
22 11 19 00-0297	EA		8" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	14,894.68	875.04
			<i>For Work In Restricted Working Space, Add</i>	474.22	
			<i>For Owner Furnished Material, Deduct</i>	-13,313.96	
22 11 19 00-0298	EA		10" Flanged Double Check Valve Assembly With Outside Stem And Yoke Shut-offs (Watts 757 OSY Series).....	16,128.69	1,034.99
			<i>For Work In Restricted Working Space, Add</i>	564.54	
			<i>For Owner Furnished Material, Deduct</i>	-14,246.88	
22 11 19 00-0299			N-Pattern Double Check Valve Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0267)</small>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N OSY series).		
22 11 19 00-0300	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	5,177.70	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-4,861.88	
22 11 19 00-0301	EA		3" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	5,571.32	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-5,220.94	
22 11 19 00-0302	EA		4" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757 OSY Series).....	6,960.50	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.82	
			<i>For Owner Furnished Material, Deduct</i>	-6,434.44	
22 11 19 00-0303	EA		6" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	11,349.87	583.36
			<i>For Work In Restricted Working Space, Add</i>	316.14	
			<i>For Owner Furnished Material, Deduct</i>	-10,296.06	
22 11 19 00-0304	EA		8" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	20,173.81	875.04
			<i>For Work In Restricted Working Space, Add</i>	474.22	
			<i>For Owner Furnished Material, Deduct</i>	-18,593.09	
22 11 19 00-0305	EA		10" N-Pattern Flanged Double Check Valve Assembly With Outside Stem And Yoke Shutoffs (Watts 757N OSY Series).....	24,006.47	1,034.99
			<i>For Work In Restricted Working Space, Add</i>	564.54	
			<i>For Owner Furnished Material, Deduct</i>	-22,124.66	
22 11 19 00-0306			Double Check Valve Assemblies With Non-Rising Stem Shut-Off Valves <small>(22 11 19 00-0267)</small>		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757 NRS series).		
22 11 19 00-0307	EA		2-1/2" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	3,651.14	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-3,335.32	
22 11 19 00-0308	EA		3" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	4,056.28	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-3,705.90	
22 11 19 00-0309	EA		4" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	4,602.40	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.82	
			<i>For Owner Furnished Material, Deduct</i>	-4,076.34	
22 11 19 00-0310	EA		6" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS Series).....	7,606.98	583.36
			<i>For Work In Restricted Working Space, Add</i>	316.14	
			<i>For Owner Furnished Material, Deduct</i>	-6,553.17	
22 11 19 00-0311	EA		8" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	14,720.28	875.04
			<i>For Work In Restricted Working Space, Add</i>	474.22	
			<i>For Owner Furnished Material, Deduct</i>	-13,139.56	
22 11 19 00-0312	EA		10" Flanged Double Check Valve Assembly With NRS Shut-offs (Watts 757 NRS series).....	16,615.64	1,034.99
			<i>For Work In Restricted Working Space, Add</i>	564.54	
			<i>For Owner Furnished Material, Deduct</i>	-14,733.83	
22 11 19 00-0313			N-Pattern Double Check Valve Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0267)</small>		
			Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and single stainless steel housing and sleeve for two check valves (Watts 757N NRS series).		
22 11 19 00-0314	EA		2-1/2" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	4,817.67	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-4,501.85	
22 11 19 00-0315	EA		3" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	5,211.30	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-4,860.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0316 EA 4" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	6,600.92	394.79
<i>For Work In Restricted Working Space, Add</i>	157.82	
<i>For Owner Furnished Material, Deduct</i>	-6,074.86	
22 11 19 00-0317 EA 6" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	10,966.88	583.36
<i>For Work In Restricted Working Space, Add</i>	316.14	
<i>For Owner Furnished Material, Deduct</i>	-9,913.07	
22 11 19 00-0318 EA 8" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	19,594.12	875.04
<i>For Work In Restricted Working Space, Add</i>	474.22	
<i>For Owner Furnished Material, Deduct</i>	-18,013.40	
22 11 19 00-0319 EA 10" N-Pattern Flanged Double Check Valve Assembly With NRS Shutoffs (Watts 757 NRS series).....	23,425.09	1,034.99
<i>For Work In Restricted Working Space, Add</i>	564.54	
<i>For Owner Furnished Material, Deduct</i>	-21,543.28	
22 11 19 00-0320 Double Check Valve Assemblies With Butterfly Shut-Off Valves <small>(22 11 19 00-0267)</small>		
Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757 BFG series).		
22 11 19 00-0321 EA 2-1/2" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,250.10	236.87
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-3,934.28	
22 11 19 00-0322 EA 3" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	4,643.72	266.49
<i>For Work In Restricted Working Space, Add</i>	105.11	
<i>For Owner Furnished Material, Deduct</i>	-4,293.34	
22 11 19 00-0323 EA 4" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	5,178.47	394.79
<i>For Work In Restricted Working Space, Add</i>	157.82	
<i>For Owner Furnished Material, Deduct</i>	-4,652.41	
22 11 19 00-0324 EA 6" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	8,142.36	583.36
<i>For Work In Restricted Working Space, Add</i>	316.14	
<i>For Owner Furnished Material, Deduct</i>	-7,088.55	
22 11 19 00-0325 EA 8" Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	15,249.09	875.04
<i>For Work In Restricted Working Space, Add</i>	474.22	
<i>For Owner Furnished Material, Deduct</i>	-13,668.37	
22 11 19 00-0326 N-Pattern Double Check Valve Assemblies With Butterfly Shut-Offs <small>(22 11 19 00-0267)</small>		
Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, and single stainless steel housing and sleeve for two check valves (Watts 757N BFG series).		
22 11 19 00-0327 EA 2-1/2" N-Pattern Flanged Double Check Assembly With Butterfly Valves (Watts 757 BFG series).....	5,523.40	236.87
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-5,207.58	
22 11 19 00-0328 EA 3" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	5,917.02	266.49
<i>For Work In Restricted Working Space, Add</i>	105.11	
<i>For Owner Furnished Material, Deduct</i>	-5,566.64	
22 11 19 00-0329 EA 4" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	7,306.20	394.79
<i>For Work In Restricted Working Space, Add</i>	157.82	
<i>For Owner Furnished Material, Deduct</i>	-6,780.14	
22 11 19 00-0330 EA 6" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	11,704.36	583.36
<i>For Work In Restricted Working Space, Add</i>	316.14	
<i>For Owner Furnished Material, Deduct</i>	-10,650.55	
22 11 19 00-0331 EA 8" N-Pattern Flanged Double Check Valve Assembly With Butterfly Valves (Watts 757 BFG series).....	15,249.09	875.04
<i>For Work In Restricted Working Space, Add</i>	474.22	
<i>For Owner Furnished Material, Deduct</i>	-13,668.37	
22 11 19 00-0332 Grooved Double Check Valve Assemblies <small>(22 11 19 00-0251)</small>		
22 11 19 00-0333 Double Check Valve Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0332)</small>		
Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757 QT series).		
22 11 19 00-0334 EA 2-1/2" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	3,651.14	126.33
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-3,335.32	
22 11 19 00-0335 EA 3" Grooved Double Check Valve Assembly With Quarter Turn Shut-offs (Watts 757 QT series).....	4,056.28	140.15
<i>For Work In Restricted Working Space, Add</i>	105.11	
<i>For Owner Furnished Material, Deduct</i>	-3,705.90	
22 11 19 00-0336 N-Patten Double Check Valve Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0332)</small>		
Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and single stainless steel housing and sleeve for two check valves (Watts 757N QT series).		
22 11 19 00-0337 EA 2-1/2" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series).....	4,817.67	126.33
<i>For Work In Restricted Working Space, Add</i>	94.75	
<i>For Owner Furnished Material, Deduct</i>	-4,501.85	
22 11 19 00-0338 EA 3" N-Pattern Grooved Double Check Valve Assembly With QT Shutoffs (Watts 757 QT series).....	5,211.30	140.15
<i>For Work In Restricted Working Space, Add</i>	105.11	
<i>For Owner Furnished Material, Deduct</i>	-4,860.92	
22 11 19 00-0339 Reduced Pressure Zone Backflow Preventer Assemblies <small>(22 11 19 00-0250)</small>		
22 11 19 00-0340 Threaded Reduced Pressure Zone Assemblies <small>(22 11 19 00-0339)</small>		
22 11 19 00-0341 Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0340)</small>		
Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0342	EA		1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	500.69	24.86
			<i>For Work In Restricted Working Space, Add</i>	18.65	
			<i>For Owner Furnished Material, Deduct</i>	-438.53	
22 11 19 00-0343	EA		3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	528.41	27.43
			<i>For Work In Restricted Working Space, Add</i>	20.58	
			<i>For Owner Furnished Material, Deduct</i>	-459.82	
22 11 19 00-0344	EA		1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009 QT series).....	616.50	28.72
			<i>For Work In Restricted Working Space, Add</i>	21.54	
			<i>For Owner Furnished Material, Deduct</i>	-544.70	
22 11 19 00-0345	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series).....	827.25	40.72
			<i>For Work In Restricted Working Space, Add</i>	30.54	
			<i>For Owner Furnished Material, Deduct</i>	-725.44	
22 11 19 00-0346	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	981.05	49.73
			<i>For Work In Restricted Working Space, Add</i>	37.30	
			<i>For Owner Furnished Material, Deduct</i>	-856.73	
22 11 19 00-0347	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,488.63	57.87
			<i>For Work In Restricted Working Space, Add</i>	43.40	
			<i>For Owner Furnished Material, Deduct</i>	-1,343.95	
22 11 19 00-0348	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,572.20	66.45
			<i>For Work In Restricted Working Space, Add</i>	49.51	
			<i>For Owner Furnished Material, Deduct</i>	-1,407.16	
22 11 19 00-0349	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,884.16	85.73
			<i>For Work In Restricted Working Space, Add</i>	64.30	
			<i>For Owner Furnished Material, Deduct</i>	-1,669.82	
22 11 19 00-0350			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0340)</small>		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 009 QT-S series).		
22 11 19 00-0351	EA		1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	553.78	24.86
			<i>For Work In Restricted Working Space, Add</i>	18.65	
			<i>For Owner Furnished Material, Deduct</i>	-491.62	
22 11 19 00-0352	EA		3/8" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	584.36	27.43
			<i>For Work In Restricted Working Space, Add</i>	20.58	
			<i>For Owner Furnished Material, Deduct</i>	-515.77	
22 11 19 00-0353	EA		1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	693.17	40.72
			<i>For Work In Restricted Working Space, Add</i>	21.54	
			<i>For Owner Furnished Material, Deduct</i>	-621.37	
22 11 19 00-0354	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	947.75	40.72
			<i>For Work In Restricted Working Space, Add</i>	30.54	
			<i>For Owner Furnished Material, Deduct</i>	-845.94	
22 11 19 00-0355	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,131.71	49.73
			<i>For Work In Restricted Working Space, Add</i>	37.30	
			<i>For Owner Furnished Material, Deduct</i>	-1,007.39	
22 11 19 00-0356	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,694.10	57.87
			<i>For Work In Restricted Working Space, Add</i>	43.40	
			<i>For Owner Furnished Material, Deduct</i>	-1,549.42	
22 11 19 00-0357	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	1,862.17	66.45
			<i>For Work In Restricted Working Space, Add</i>	49.51	
			<i>For Owner Furnished Material, Deduct</i>	-1,697.13	
22 11 19 00-0358	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 009 QT-S series).....	2,239.91	85.73
			<i>For Work In Restricted Working Space, Add</i>	64.30	
			<i>For Owner Furnished Material, Deduct</i>	-2,025.57	
22 11 19 00-0359			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0340)</small>		
			Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 919 QT series).		
22 11 19 00-0360	EA		3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	827.25	40.72
			<i>For Work In Restricted Working Space, Add</i>	30.54	
			<i>For Owner Furnished Material, Deduct</i>	-725.44	
22 11 19 00-0361	EA		1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	981.05	49.73
			<i>For Work In Restricted Working Space, Add</i>	37.30	
			<i>For Owner Furnished Material, Deduct</i>	-856.73	
22 11 19 00-0362	EA		1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,488.63	57.87
			<i>For Work In Restricted Working Space, Add</i>	43.40	
			<i>For Owner Furnished Material, Deduct</i>	-1,343.95	
22 11 19 00-0363	EA		1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,572.20	66.45
			<i>For Work In Restricted Working Space, Add</i>	49.51	
			<i>For Owner Furnished Material, Deduct</i>	-1,407.16	
22 11 19 00-0364	EA		2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 919 QT series).....	1,884.16	85.73
			<i>For Work In Restricted Working Space, Add</i>	64.30	
			<i>For Owner Furnished Material, Deduct</i>	-1,669.82	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0365				Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0340)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts 919 QT-S series).		
22 11 19 00-0366	EA			3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	947.75	40.72
				<i>For Work In Restricted Working Space, Add</i>	30.54	
				<i>For Owner Furnished Material, Deduct</i>	-845.94	
22 11 19 00-0367	EA			1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,131.71	49.73
				<i>For Work In Restricted Working Space, Add</i>	37.30	
				<i>For Owner Furnished Material, Deduct</i>	-1,007.39	
22 11 19 00-0368	EA			1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,694.10	57.87
				<i>For Work In Restricted Working Space, Add</i>	43.40	
				<i>For Owner Furnished Material, Deduct</i>	-1,549.42	
22 11 19 00-0369	EA			1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	1,862.17	66.45
				<i>For Work In Restricted Working Space, Add</i>	49.51	
				<i>For Owner Furnished Material, Deduct</i>	-1,697.13	
22 11 19 00-0370	EA			2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts 919QT-S series).....	2,239.91	85.73
				<i>For Work In Restricted Working Space, Add</i>	64.30	
				<i>For Owner Furnished Material, Deduct</i>	-2,025.57	
22 11 19 00-0371				Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0340)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 909 QT series).		
22 11 19 00-0372	EA			3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	1,722.21	40.72
				<i>For Work In Restricted Working Space, Add</i>	30.54	
				<i>For Owner Furnished Material, Deduct</i>	-1,620.40	
22 11 19 00-0373	EA			1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909QT)	2,037.98	49.73
				<i>For Work In Restricted Working Space, Add</i>	37.30	
				<i>For Owner Furnished Material, Deduct</i>	-1,913.66	
22 11 19 00-0374	EA			1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,142.70	57.87
				<i>For Work In Restricted Working Space, Add</i>	43.40	
				<i>For Owner Furnished Material, Deduct</i>	-2,998.02	
22 11 19 00-0375	EA			1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts LF909M1QT)	3,396.30	66.45
				<i>For Work In Restricted Working Space, Add</i>	49.51	
				<i>For Owner Furnished Material, Deduct</i>	-3,231.26	
22 11 19 00-0376	EA			2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 909M1QT).....	3,936.63	85.73
				<i>For Work In Restricted Working Space, Add</i>	64.30	
				<i>For Owner Furnished Material, Deduct</i>	-3,722.29	
22 11 19 00-0377				Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs And Strainer <small>(22 11 19 00-0340)</small> Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, bronze strainer, and captured spring assemblies (Watts LF909 QT-S series).		
22 11 19 00-0378	EA			3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S).....	2,324.54	40.72
				<i>For Work In Restricted Working Space, Add</i>	30.54	
				<i>For Owner Furnished Material, Deduct</i>	-2,222.73	
22 11 19 00-0379	EA			1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909QT-S).....	2,762.79	49.73
				<i>For Work In Restricted Working Space, Add</i>	37.30	
				<i>For Owner Furnished Material, Deduct</i>	-2,638.47	
22 11 19 00-0380	EA			1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	4,218.60	57.87
				<i>For Work In Restricted Working Space, Add</i>	43.40	
				<i>For Owner Furnished Material, Deduct</i>	-4,073.92	
22 11 19 00-0381	EA			1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	4,607.23	66.45
				<i>For Work In Restricted Working Space, Add</i>	49.51	
				<i>For Owner Furnished Material, Deduct</i>	-4,442.19	
22 11 19 00-0382	EA			2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs And Strainer (Watts LF909M1QT-S).....	5,470.01	85.73
				<i>For Work In Restricted Working Space, Add</i>	64.30	
				<i>For Owner Furnished Material, Deduct</i>	-5,255.67	
22 11 19 00-0383				Flanged Reduced Pressure Zone Assemblies <small>(22 11 19 00-0339)</small>		
22 11 19 00-0384				Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0383)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 NRS series).		
22 11 19 00-0385	EA			2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series)	5,658.61	236.87
				<i>For Work In Restricted Working Space, Add</i>	94.75	
				<i>For Owner Furnished Material, Deduct</i>	-5,342.77	
22 11 19 00-0386	EA			3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF009 NRS series).....	6,376.87	266.49
				<i>For Work In Restricted Working Space, Add</i>	105.11	
				<i>For Owner Furnished Material, Deduct</i>	-6,026.49	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0387			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Strainer <small>(22 11 19 00-0383)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF009 NRS-S-FDA series).		
22 11 19 00-0388	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	6,754.34	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-6,438.50	
22 11 19 00-0389	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF009 NRS-S-FDA series).....	7,649.81	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-7,299.43	
22 11 19 00-0390			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs <small>(22 11 19 00-0383)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF009 OSY series).		
22 11 19 00-0391	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series).....	6,078.00	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-5,762.16	
22 11 19 00-0392	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF009 OSY series).....	7,073.89	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-6,723.51	
22 11 19 00-0393			Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs And Strainer <small>(22 11 19 00-0383)</small> Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies. (Watts LF009 OSY-S-FDA Series)		
22 11 19 00-0394	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	6,754.34	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-6,438.50	
22 11 19 00-0395	EA		3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs And Strainer (Watts LF009 OSY-S-FDA series).....	7,649.81	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-7,299.43	
22 11 19 00-0396			Reduced Pressure Zone Assemblies With Quarter Turn Shut-Offs <small>(22 11 19 00-0383)</small> Note: Includes ball type test cocks, two quarter turn (QT) resilient seated iron body ball valves, and captured spring assemblies (Watts LF009 QT-FDA series).		
22 11 19 00-0397	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	7,503.04	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-7,187.20	
22 11 19 00-0398	EA		3" Flanged Reduced Pressure Zone Assembly With QT Shut-offs (Watts LF009 QT-FDA series).....	8,684.99	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-8,334.61	
22 11 19 00-0399			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Offs <small>(22 11 19 00-0383)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 NRS series).		
22 11 19 00-0400	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	9,750.58	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-9,434.76	
22 11 19 00-0401	EA		3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	11,078.76	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.12	
			<i>For Owner Furnished Material, Deduct</i>	-10,728.37	
22 11 19 00-0402	EA		4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	13,937.68	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.83	
			<i>For Owner Furnished Material, Deduct</i>	-13,411.57	
22 11 19 00-0403	EA		6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909 NRS series).....	20,962.01	583.36
			<i>For Work In Restricted Working Space, Add</i>	442.63	
			<i>For Owner Furnished Material, Deduct</i>	-19,486.58	
22 11 19 00-0404	EA		8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series).....	34,801.78	875.04
			<i>For Work In Restricted Working Space, Add</i>	663.95	
			<i>For Owner Furnished Material, Deduct</i>	-32,588.63	
22 11 19 00-0405	EA		10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs (Watts LF909M1 NRS series).....	45,044.71	1,034.99
			<i>For Work In Restricted Working Space, Add</i>	564.54	
			<i>For Owner Furnished Material, Deduct</i>	-43,162.90	
22 11 19 00-0406			Reduced Pressure Zone Assemblies With Non-Rising Stem Shut-Off And Epoxy Coated Strainer <small>(22 11 19 00-0383)</small> Note: Includes ball type test cocks, two non-rising stem (NRS) resilient seated iron body gate valves, iron body strainer, and captured spring assemblies (Watts LF909 NRS-S-FDA series).		
22 11 19 00-0407	EA		2-1/2" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	10,511.09	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-10,195.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0408 EA 3" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	11,879.13	266.49
For Work In Restricted Working Space, Add	105.11	
For Owner Furnished Material, Deduct	-11,528.75	
22 11 19 00-0409 EA 4" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	15,164.79	394.79
For Work In Restricted Working Space, Add	157.82	
For Owner Furnished Material, Deduct	-14,638.73	
22 11 19 00-0410 EA 6" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	22,850.20	583.36
For Work In Restricted Working Space, Add	316.14	
For Owner Furnished Material, Deduct	-21,796.39	
22 11 19 00-0411 EA 8" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	37,021.04	875.04
For Work In Restricted Working Space, Add	474.22	
For Owner Furnished Material, Deduct	-35,440.32	
22 11 19 00-0412 EA 10" Flanged Reduced Pressure Zone Assembly With NRS Shut-offs And Strainer (Watts LF909 NRS-S-FDA series).....	50,280.39	1,034.99
For Work In Restricted Working Space, Add	564.54	
For Owner Furnished Material, Deduct	-48,398.58	
22 11 19 00-0413 Reduced Pressure Zone Assemblies With Outside Stem And Yoke Shut-Offs (22 11 19 00-0383)		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, and captured spring assemblies (Watts LF909 OSY series).		
22 11 19 00-0414 EA 2-1/2" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series).....	10,376.71	236.87
For Work In Restricted Working Space, Add	94.75	
For Owner Furnished Material, Deduct	-10,060.89	
22 11 19 00-0415 EA 3" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)....	11,796.45	266.49
For Work In Restricted Working Space, Add	105.12	
For Owner Furnished Material, Deduct	-11,446.06	
22 11 19 00-0416 EA 4" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)....	14,829.62	394.79
For Work In Restricted Working Space, Add	157.83	
For Owner Furnished Material, Deduct	-14,303.51	
22 11 19 00-0417 EA 6" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909 OSY series)....	21,840.61	583.36
For Work In Restricted Working Space, Add	316.14	
For Owner Furnished Material, Deduct	-20,786.80	
22 11 19 00-0418 EA 8" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series).....	36,342.93	875.04
For Work In Restricted Working Space, Add	474.22	
For Owner Furnished Material, Deduct	-34,762.21	
22 11 19 00-0419 EA 10" Flanged Reduced Pressure Zone Assembly With Outside Stem And Yoke Shut-offs (Watts LF909M1 OSY series).....	47,920.62	1,034.99
For Work In Restricted Working Space, Add	564.54	
For Owner Furnished Material, Deduct	-46,038.81	
22 11 19 00-0420 Double Check Detector Assemblies (22 11 19 00-0250)		
22 11 19 00-0421 Flanged Double Check Detector Assemblies With Meter (22 11 19 00-0420)		
22 11 19 00-0422 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter (22 11 19 00-0421)		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, two epoxy coated iron body check valves, and meter (Watts 709 DCDA OSY series).		
22 11 19 00-0423 EA 3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	7,768.02	266.49
For Work In Restricted Working Space, Add	105.11	
For Owner Furnished Material, Deduct	-7,417.64	
22 11 19 00-0424 EA 4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	8,115.81	394.79
For Work In Restricted Working Space, Add	157.82	
For Owner Furnished Material, Deduct	-7,589.75	
22 11 19 00-0425 EA 6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	10,909.37	583.36
For Work In Restricted Working Space, Add	316.14	
For Owner Furnished Material, Deduct	-9,855.56	
22 11 19 00-0426 EA 8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	19,395.21	875.04
For Work In Restricted Working Space, Add	474.22	
For Owner Furnished Material, Deduct	-17,814.49	
22 11 19 00-0427 EA 10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 007 DCDA OSY series).....	26,228.20	1,034.99
For Work In Restricted Working Space, Add	564.54	
For Owner Furnished Material, Deduct	-24,346.39	
22 11 19 00-0428 Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs And Meter (22 11 19 00-0421)		
Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA OSY series).		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0429	EA		2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	5,811.08	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-5,495.24	
22 11 19 00-0430	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	6,204.32	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-5,853.94	
22 11 19 00-0431	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	6,747.56	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.82	
			<i>For Owner Furnished Material, Deduct</i>	-6,221.50	
22 11 19 00-0432	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	9,132.35	583.36
			<i>For Work In Restricted Working Space, Add</i>	316.14	
			<i>For Owner Furnished Material, Deduct</i>	-8,078.54	
22 11 19 00-0433	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	16,183.41	875.04
			<i>For Work In Restricted Working Space, Add</i>	474.22	
			<i>For Owner Furnished Material, Deduct</i>	-14,602.69	
22 11 19 00-0434	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs And Meter (Watts 757 DCDA OSY series).....	19,081.83	1,034.99
			<i>For Work In Restricted Working Space, Add</i>	564.54	
			<i>For Owner Furnished Material, Deduct</i>	-17,200.02	
22 11 19 00-0435			Double Check Detector Assembly With Butterfly Valves And Meter <small>(22 11 19 00-0421)</small>		
			Note: Includes ball type test cocks, two resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves, and meter (Watts 757 DCDA BFG series).		
22 11 19 00-0436	EA		2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	6,156.86	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
			<i>For Owner Furnished Material, Deduct</i>	-5,841.02	
22 11 19 00-0437	EA		3" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	6,550.09	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
			<i>For Owner Furnished Material, Deduct</i>	-6,199.71	
22 11 19 00-0438	EA		4" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	7,093.26	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.82	
			<i>For Owner Furnished Material, Deduct</i>	-6,567.20	
22 11 19 00-0439	EA		6" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	9,486.77	583.36
			<i>For Work In Restricted Working Space, Add</i>	316.14	
			<i>For Owner Furnished Material, Deduct</i>	-8,432.96	
22 11 19 00-0440	EA		8" Flanged Double Check Detector Assembly With Butterfly Valves And Meter (Watts 757 DCDA BFG series).....	15,758.19	875.04
			<i>For Work In Restricted Working Space, Add</i>	474.22	
			<i>For Owner Furnished Material, Deduct</i>	-14,177.47	
22 11 19 00-0441			Flanged Double Check Detector Assemblies Without Meter <small>(22 11 19 00-0420)</small>		
22 11 19 00-0442			Double Check Detector Assembly With Outside Stem And Yoke Shut-Offs Less Meter <small>(22 11 19 00-0441)</small>		
			Note: Includes ball type test cocks, two outside stem and yoke resilient seated iron body gate valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA OSY LM series).		
22 11 19 00-0443	EA		2-1/2" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	5,701.91	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
22 11 19 00-0444	EA		3" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	6,095.19	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
22 11 19 00-0445	EA		4" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	6,638.43	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.82	
22 11 19 00-0446	EA		6" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	9,023.22	583.36
			<i>For Work In Restricted Working Space, Add</i>	316.14	
22 11 19 00-0447	EA		8" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	16,074.36	875.04
			<i>For Work In Restricted Working Space, Add</i>	474.22	
22 11 19 00-0448	EA		10" Flanged Double Check Detector Assembly With Outside Stem And Yoke Shut-offs Less Meter (Watts 757 DCDA OSY LM series).....	18,972.63	1,034.99
			<i>For Work In Restricted Working Space, Add</i>	564.54	
22 11 19 00-0449			Double Check Detector Assembly With Butterfly Valves Less Meter <small>(22 11 19 00-0441)</small>		
			Note: Includes ball type test cocks, two butterfly resilient seated iron body butterfly valves, single stainless steel housing and sleeve for two check valves (Watts 757 DCDA BFG LM series).		
22 11 19 00-0450	EA		2-1/2" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	6,047.65	236.87
			<i>For Work In Restricted Working Space, Add</i>	94.75	
22 11 19 00-0451	EA		3" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	6,440.89	266.49
			<i>For Work In Restricted Working Space, Add</i>	105.11	
22 11 19 00-0452	EA		4" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	6,984.13	394.79
			<i>For Work In Restricted Working Space, Add</i>	157.82	
22 11 19 00-0453	EA		6" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	9,377.56	583.36
			<i>For Work In Restricted Working Space, Add</i>	316.14	
22 11 19 00-0454	EA		8" Flanged Double Check Detector Assembly With Butterfly Valves Less Meter (Watts 757 DCDA BFG LM series).....	16,428.77	875.04
			<i>For Work In Restricted Working Space, Add</i>	474.22	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 11 19 00-0455			Backflow Preventer Accessories (22 11 19 00-0250)		
	22 11 19 00-0456			Air Gap (22 11 19 00-0455)		
	22 11 19 00-0457	EA		Up To 1" Diameter Air Gap For Backflow Preventer.....	127.12	13.40
	22 11 19 00-0458	EA		1-1/4" To 2" Diameter Air Gap For Backflow Preventer.....	156.54	16.08
	22 11 19 00-0459	EA		2-1/2" To 3" Diameter Air Gap For Backflow Preventer.....	296.08	21.44
	22 11 19 00-0460	EA		4" To 6" Diameter Air Gap For Backflow Preventer.....	586.84	37.51
	22 11 19 00-0461	EA		8" To 10" Diameter Air Gap For Backflow Preventer.....	618.99	53.59
	22 11 19 00-0462			Brass Test Cocks (22 11 19 00-0455)		
	22 11 19 00-0463	EA		1/8" Or 1/4" Brass Test Cock.....	51.78	5.36
	22 11 19 00-0464			Backflow Valve Enclosures (22 11 19 00-0250)		
	22 11 19 00-0465			Flip-Top, Insulated Fiberglass Valve Enclosures (22 11 19 00-0464)		
				Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
	22 11 19 00-0466	EA		19" Length x 11" Width x 22" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	1,280.07	96.45
				For Heated Enclosure, Add	167.90	
	22 11 19 00-0467	EA		27" Length x 13" Width x 23" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	1,593.26	96.45
				For Heated Enclosure, Add	214.88	
	22 11 19 00-0468	EA		27" Length x 13" Width x 35" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	2,048.97	88.83
				For Heated Enclosure, Add	285.14	
	22 11 19 00-0469	EA		33" Length x 21" Width x 25" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	2,106.48	118.44
				For Heated Enclosure, Add	286.36	
	22 11 19 00-0470	EA		39" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	2,212.69	118.44
				For Heated Enclosure, Add	302.30	
	22 11 19 00-0471	EA		47" Length x 13" Width x 28" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	2,626.65	118.44
				For Heated Enclosure, Add	364.39	
	22 11 19 00-0472	EA		39" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	2,637.54	118.44
				For Heated Enclosure, Add	366.02	
	22 11 19 00-0473	EA		47" Length x 13" Width x 36" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	3,342.89	118.44
				For Heated Enclosure, Add	471.83	
	22 11 19 00-0474	EA		70" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	7,782.66	177.65
				For Heated Enclosure, Add	1,122.99	
	22 11 19 00-0475	EA		83" Length x 26" Width x 45" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	11,342.12	177.65
				For Heated Enclosure, Add	1,656.90	
	22 11 19 00-0476	EA		70" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	10,770.21	177.65
				For Heated Enclosure, Add	1,571.12	
	22 11 19 00-0477	EA		83" Length x 26" Width x 55" Height, Flip-Top, Insulated Fiberglass Valve Enclosure.....	12,973.75	207.27
				For Heated Enclosure, Add	1,894.25	
	22 11 19 00-0478			One-Piece Drop Over, Insulated Fiberglass Valve Enclosures (22 11 19 00-0464)		
				Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
	22 11 19 00-0479	EA		20" Length x 6-1/2" Width x 22" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	723.71	25.72
				For Heated Enclosure, Add	136.17	
	22 11 19 00-0480	EA		27" Length x 14" Width x 26" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	1,012.39	25.72
				For Heated Enclosure, Add	193.90	
	22 11 19 00-0481	EA		38-1/2" Length x 12" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	1,275.89	23.69
				For Heated Enclosure, Add	247.28	
	22 11 19 00-0482	EA		47" Length x 13" Width x 28" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	1,934.95	23.69
				For Heated Enclosure, Add	379.09	
	22 11 19 00-0483	EA		70" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	5,019.69	44.41
				For Heated Enclosure, Add	989.13	
	22 11 19 00-0484	EA		83" Length x 26" Width x 45" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	6,863.42	44.41
				For Heated Enclosure, Add	1,357.88	
	22 11 19 00-0485	EA		45" Length x 35" Width x 35" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	4,562.16	44.41
				For Heated Enclosure, Add	897.63	
	22 11 19 00-0486	EA		53" Length x 44" Width x 44" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	5,166.75	44.41
				For Heated Enclosure, Add	1,018.54	
	22 11 19 00-0487	EA		61" Length x 52" Width x 50" Height, One-Piece Drop Over, Insulated Fiberglass Valve Enclosure.....	8,099.83	44.41
				For Heated Enclosure, Add	1,605.16	
	22 11 19 00-0488			Sectional, Insulated Aluminum Valve Enclosures (22 11 19 00-0464)		
				Note: Dimensions listed are inside dimensions. Includes anchor kit. Excludes concrete pad.		
	22 11 19 00-0489	EA		70" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure.....	10,158.37	192.91
				For One 24" Fluorescent Light Fixture, Add	807.90	
				For Two 24" Fluorescent Light Fixture, Add	1,445.71	
				For Heated Enclosure, Add	1,475.53	
	22 11 19 00-0490	EA		83" Length x 26" Width x 55" Height, Sectional, Insulated Aluminum Valve Enclosure.....	11,212.32	192.91
				For One 24" Fluorescent Light Fixture, Add	807.90	
				For Two 24" Fluorescent Light Fixture, Add	1,445.71	
				For Heated Enclosure, Add	1,633.62	
	22 11 19 00-0491	EA		53" Length x 33" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure.....	7,910.66	177.65
				For One 24" Fluorescent Light Fixture, Add	807.90	
				For Two 24" Fluorescent Light Fixture, Add	1,445.71	
				For Heated Enclosure, Add	1,142.19	

22 Plumbing**22 10 Plumbing Piping****22 11 Facility Water Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0492	EA		53" Length x 44" Width x 44" Height, Sectional, Insulated Aluminum Valve Enclosure	8,689.55	177.65
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,259.02	
22 11 19 00-0493	EA		90" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	10,087.30	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,453.88	
22 11 19 00-0494	EA		102" Length x 32" Width x 50-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,334.61	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,640.97	
22 11 19 00-0495	EA		90" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	11,334.61	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,640.97	
22 11 19 00-0496	EA		102" Length x 32" Width x 57-1/2" Height, Sectional, Insulated Aluminum Valve Enclosure	12,543.79	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,822.35	
22 11 19 00-0497	EA		62" Length x 39" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	9,395.23	207.27
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,357.47	
22 11 19 00-0498	EA		62" Length x 53" Width x 46" Height, Sectional, Insulated Aluminum Valve Enclosure	11,005.08	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,591.54	
22 11 19 00-0499	EA		105" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	12,892.38	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,874.64	
22 11 19 00-0500	EA		125" Length x 36" Width x 53" Height, Sectional, Insulated Aluminum Valve Enclosure	14,158.92	251.68
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,060.92	
22 11 19 00-0501	EA		105" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	14,508.12	273.29
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,107.90	
22 11 19 00-0502	EA		125" Length x 36" Width x 64" Height, Sectional, Insulated Aluminum Valve Enclosure	16,092.68	289.36
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,341.56	
22 11 19 00-0503	EA		105" Length x 36" Width x 80" Height, Sectional, Insulated Aluminum Valve Enclosure	16,678.21	266.49
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,435.11	
22 11 19 00-0504	EA		72" Length x 45" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	12,075.37	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,752.09	
22 11 19 00-0505	EA		72" Length x 45" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	12,884.21	236.87
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	1,873.41	
22 11 19 00-0506	EA		72" Length x 65" Width x 52" Height, Sectional, Insulated Aluminum Valve Enclosure	14,591.94	251.68
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,125.87	
22 11 19 00-0507	EA		72" Length x 65" Width x 60" Height, Sectional, Insulated Aluminum Valve Enclosure	17,715.82	266.49
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,590.75	
22 11 19 00-0508	EA		118" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	15,430.90	118.44
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,248.01	
22 11 19 00-0509	EA		142" Length x 40" Width x 58" Height, Sectional, Insulated Aluminum Valve Enclosure	18,573.85	118.44
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,715.75	
22 11 19 00-0510	EA		118" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	17,950.20	177.65
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,622.21	
22 11 19 00-0511	EA		142" Length x 40" Width x 74" Height, Sectional, Insulated Aluminum Valve Enclosure	20,840.03	177.65
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	3,048.28	
22 11 19 00-0512	EA		142" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	19,222.17	177.65
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	2,809.30	
22 11 19 00-0513	EA		172" Length x 42" Width x 65" Height, Sectional, Insulated Aluminum Valve Enclosure	22,482.38	207.27
			<i>For One 24" Fluorescent Light Fixture, Add</i>	807.90	
			<i>For Two 24" Fluorescent Light Fixture, Add</i>	1,445.71	
			<i>For Heated Enclosure, Add</i>	3,290.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 19 00-0514 EA 142" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i> <i>For Heated Enclosure, Add</i>	22,531.73 807.90 1,445.71 3,290.93	177.65
22 11 19 00-0515 EA 172" Length x 42" Width x 85" Height, Sectional, Insulated Aluminum Valve Enclosure <i>For One 24" Fluorescent Light Fixture, Add</i> <i>For Two 24" Fluorescent Light Fixture, Add</i> <i>For Heated Enclosure, Add</i>	26,761.47 807.90 1,445.71 3,917.99	177.65
22 11 19 00-0516 Lift-Off Lightweight Backflow Valve Enclosures With Recessed Locksheild Brackets <small>(22 11 19 00-0464)</small> Note: 1-1/2", 0.095" wall tubular steel framework with 1" x 1" x 1/8" angle iron, 1/2" #13 gauge diamond pattern rolled expanded metal, all welded construction. Excludes concrete pad.		
22 11 19 00-0517 EA 22" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-1	770.74	96.45
22 11 19 00-0518 EA 30" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-2	855.03	118.44
22 11 19 00-0519 EA 40" Length x 10" Width x 24" Height, Backflow Preventer Caged Enclosures Note: BP-3	931.28	118.44
22 11 19 00-0520 EA 46" Length x 10" Width x 30" Height, Backflow Preventer Caged Enclosures Note: BP-4	1,148.58	118.44
22 11 19 00-0521 Faucets (Hose Bibbs) <small>(22 11 19)</small>		
22 11 19 00-0522 Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends <small>(22 11 19 00-0521)</small>		
22 11 19 00-0523 EA 1/2", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	59.25	10.72
22 11 19 00-0524 EA 3/4", 125 LB Bronze Garden Hose Valves (Hose Bibbs), Screwed Ends	68.28	11.79
22 11 19 00-0525 EA 3/4" Screwed Ends Vacuum Breaker (Mueller 108-904NL)	18.03	8.04
22 11 19 00-0526 Chrome Plated Brass Hose Valves, Screwed Ends <small>(22 11 19 00-0521)</small>		
22 11 19 00-0527 EA 3/4" Hose Valve With Screwed Ends (Chicago Faucets #387-CP).....	215.39	32.79
22 11 19 00-0528 Antisiphon Freezeless Wall Faucet (Woodford 19CP) <small>(22 11 19 00-0521)</small>		
22 11 19 00-0529 EA 4" Long, 1/2" Antisiphon Freezeless Wall Faucet	128.89	26.79
22 11 19 00-0530 EA 6" Long, 1/2" Antisiphon Freezeless Wall Faucet	139.67	29.69
22 11 19 00-0531 EA 8" Long, 1/2" Antisiphon Freezeless Wall Faucet	147.76	31.40
22 11 19 00-0532 EA 10" Long, 1/2" Antisiphon Freezeless Wall Faucet	155.84	33.65
22 11 19 00-0533 EA 12" Long, 1/2" Antisiphon Freezeless Wall Faucet	164.03	35.68
22 11 19 00-0534 Keyed, Recessed Valve Boxes <small>(22 11 19)</small>		
22 11 19 00-0535 EA 8" x 8" x 4" Painted Steel, Keyed, Recessed Valve Box.....	347.84	31.97
22 11 19 00-0536 EA 8" x 8" x 6" Painted Steel, Keyed, Recessed Valve Box.....	388.41	31.97
22 11 19 00-0537 EA 8" x 8" x 8" Painted Steel, Keyed, Recessed Valve Box.....	449.25	31.97
22 11 19 00-0538 EA 12" x 12" x 4" Painted Steel, Keyed, Recessed Valve Box	430.00	42.62
22 11 19 00-0539 EA 12" x 12" x 6" Painted Steel, Keyed, Recessed Valve Box.....	490.84	42.62
22 11 19 00-0540 EA 12" x 12" x 8" Painted Steel, Keyed, Recessed Valve Box.....	509.09	42.62
22 11 19 00-0541 EA 8" x 8" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	412.74	31.97
22 11 19 00-0542 EA 8" x 8" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	501.98	31.97
22 11 19 00-0543 EA 8" x 8" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	581.08	31.97
22 11 19 00-0544 EA 12" x 12" x 4" Stainless Steel, Keyed, Recessed Valve Box.....	543.57	42.62
22 11 19 00-0545 EA 12" x 12" x 6" Stainless Steel, Keyed, Recessed Valve Box.....	622.67	42.62
22 11 19 00-0546 EA 12" x 12" x 8" Stainless Steel, Keyed, Recessed Valve Box.....	653.09	42.62
22 11 23 Domestic Water Pumps <small>(22 11)</small>		
22 11 23 13 Domestic Water Packaged Booster Pumps <small>(22 11 23)</small> Note: Includes motor starter and controls.		
22 11 23 13-0001 Simplex Domestic Water Packaged Booster Pumps And Tank <small>(22 11 23 13)</small>		
22 11 23 13-0002 EA 1 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	14,171.75	315.84
22 11 23 13-0003 EA 1.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	14,647.48	424.40
22 11 23 13-0004 EA 2 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	15,225.36	532.96
22 11 23 13-0005 EA 3 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	15,752.17	641.53
22 11 23 13-0006 EA 5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	17,402.67	750.10
22 11 23 13-0007 EA 7.5 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	19,308.55	858.67
22 11 23 13-0008 EA 10 HP Simplex Domestic Water Packaged Booster Pump And Tank.....	20,601.50	967.24
22 11 23 13-0009 Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator <small>(22 11 23 13)</small>		
22 11 23 13-0010 EA 100 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	37,785.67	1,282.11
22 11 23 13-0011 EA 200 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	45,670.54	1,362.23
22 11 23 13-0012 EA 300 GPM Duplex Domestic Water Packaged Booster Pumps And Hydrocumulator	53,587.96	1,442.37
22 11 23 13-0013 Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator <small>(22 11 23 13)</small>		
22 11 23 13-0014 EA 200 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	50,024.85	1,362.23

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23	13-0015	EA	300 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	62,505.36	1,442.37
22 11 23	13-0016	EA	500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	77,856.26	1,602.64
22 11 23	13-0017	EA	750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	98,868.41	1,762.89
22 11 23	13-0018	EA	1,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	119,880.55	1,923.16
22 11 23	13-0019	EA	1,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	139,725.44	2,163.55
22 11 23	13-0020	EA	2,500 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	159,570.32	2,403.95
22 11 23	13-0021	EA	3,750 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	179,415.20	2,644.35
22 11 23	13-0022	EA	5,000 GPM Triplex Domestic Water Packaged Booster Pumps And Hydrocumulator.....	199,460.42	2,964.87
22 11 23 13-0023 Variable Speed Duplex Domestic Water Pressure Booster Skid <small>(22 11 23 13)</small>					
Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.					
22 11 23	13-0024	EA	40 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-1).....	40,630.89	1,446.01
22 11 23	13-0025	EA	40 GPM At 80 To 120 PSI, 80 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-2).....	42,531.10	1,446.01
22 11 23	13-0026	EA	80 GPM At 80 PSI, 120 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-3).....	45,246.27	1,446.01
22 11 23	13-0027	EA	80 GPM At 130 To 150 PSI, 120 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-4).....	49,160.16	1,446.01
22 11 23	13-0028	EA	160 GPM At 40 To 50 PSI, 200 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-5).....	46,303.68	1,536.38
22 11 23	13-0029	EA	160 GPM At 60 To 80 PSI, 200 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-6).....	49,720.34	1,536.38
22 11 23	13-0030	EA	160 GPM At 90 To 110 PSI, 200 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-7).....	54,360.48	1,536.38
22 11 23	13-0031	EA	160 To 200 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-8).....	58,132.00	1,536.38
22 11 23	13-0032	EA	240 To 280 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-9).....	50,625.06	1,626.76
22 11 23	13-0033	EA	280 To 320 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-10).....	53,998.39	1,626.76
22 11 23	13-0034	EA	240 To 320 GPM At 90 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-11).....	61,541.45	1,626.76
22 11 23	13-0035	EA	240 To 320 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-12).....	74,201.25	1,626.76
22 11 23	13-0036	EA	360 To 400 GPM At 40 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-13).....	53,523.86	1,626.76
22 11 23	13-0037	EA	360 To 400 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-14).....	60,404.63	1,626.76
22 11 23	13-0038	EA	360 To 400 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-15).....	75,550.58	1,626.76
22 11 23	13-0039	EA	360 To 400 GPM At 120 To 140 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-16).....	75,113.18	1,626.76
22 11 23	13-0040	EA	440 To 480 GPM At 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-17).....	89,664.97	1,807.51
22 11 23	13-0041	EA	440 To 480 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-18).....	61,295.97	1,807.51
22 11 23	13-0042	EA	440 To 480 GPM At 60 To 90 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-19).....	75,088.46	1,807.51
22 11 23	13-0043	EA	440 To 480 GPM At 100 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-20).....	74,653.13	1,807.51
22 11 23	13-0044	EA	440 To 600 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-21).....	90,341.70	1,807.51
22 11 23	13-0045	EA	440 To 600 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Duplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV2-22).....	109,531.52	1,807.51
22 11 23	13-0046	EA	60 GPM At 40 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-1).....	51,590.61	1,446.01
22 11 23 13-0047 Variable Speed Triplex Domestic Water Pressure Booster Skid <small>(22 11 23 13)</small>					
Note: AB1953 compliant, UL listed and labeled. Includes stainless steel headers with check, isolation, thermal relief valves, and start up support. The standard control package is integrated in a NEMA 1 enclosure and is outfitted with an individual VFD's which are controlled through a HOA and internally programmed PID logic for system control.					
22 11 23	13-0048	EA	60 GPM At 80 To 130 PSI, 120 GPM At 50 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-2).....	51,590.61	1,446.01
22 11 23	13-0049	EA	120 GPM At 100 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-3).....	57,817.35	1,446.01
22 11 23	13-0050	EA	60 GPM At 140 To 150 PSI, 120 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-4).....	63,189.92	1,446.01
22 11 23	13-0051	EA	180 GPM At 40 To 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-5).....	58,043.29	1,536.38
22 11 23	13-0052	EA	180 GPM At 100 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-6).....	63,378.72	1,536.38
22 11 23	13-0053	EA	240 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-7).....	59,289.46	1,536.38
22 11 23	13-0054	EA	240 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-8).....	63,875.95	1,536.38
22 11 23	13-0055	EA	240 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-9).....	70,183.16	1,536.38

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 11 23 13-0056	EA		240 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-10).....	75,411.30	1,536.38
22 11 23 13-0057	EA		300 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-11).....	59,816.62	1,626.76
22 11 23 13-0058	EA		300 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-12).....	64,403.11	1,626.76
22 11 23 13-0059	EA		300 GPM At 80 To 100 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-13).....	70,708.25	1,626.76
22 11 23 13-0060	EA		300 GPM At 110 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-14).....	75,936.40	1,626.76
22 11 23 13-0061	EA		360 GPM At 40 To 60 PSI, 420 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-15).....	64,974.62	1,626.76
22 11 23 13-0062	EA		360 GPM At 70 To 80 PSI, 420 GPM At 60 To 70 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-16).....	69,379.55	1,626.76
22 11 23 13-0063	EA		360 GPM At 90 To 130 PSI, 420 GPM At 80 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-17).....	80,262.93	1,626.76
22 11 23 13-0064	EA		360 GPM At 140 To 150 PSI, 420 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-18).....	98,022.95	1,626.76
22 11 23 13-0065	EA		480 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-19).....	66,326.05	1,807.51
22 11 23 13-0066	EA		480 GPM At 50 To 70 PSI, 520 To 600 GPM At 40 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-20).....	70,733.05	1,807.51
22 11 23 13-0067	EA		480 GPM At 80 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-21).....	81,616.43	1,807.51
22 11 23 13-0068	EA		480 GPM At 120 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-22).....	99,374.39	1,807.51
22 11 23 13-0069	EA		540 GPM At 40 PSI, 600 GPM At 40 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-23).....	70,019.18	1,807.51
22 11 23 13-0070	EA		540 GPM At 50 To 90 PSI, 600 GPM At 50 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-24).....	79,910.16	1,807.51
22 11 23 13-0071	EA		540 GPM At 100 To 110 PSI, 600 GPM At 90 To 110 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-25).....	101,396.33	1,807.51
22 11 23 13-0072	EA		540 GPM At 120 To 130 PSI, 600 GPM At 120 To 130 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-26).....	103,478.09	1,807.51
22 11 23 13-0073	EA		540 GPM At 140 To 150 PSI, 600 GPM At 140 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-27).....	128,420.12	1,807.51
22 11 23 13-0074	EA		660 GPM At 40 To 50 PSI, 720 GPM At 40 To 50 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-28).....	79,289.21	2,169.01
22 11 23 13-0075	EA		660 GPM At 60 To 90 PSI, 720,780,840,900 GPM At 60 To 80 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-29).....	95,590.55	2,169.01
22 11 23 13-0076	EA		660, 720, 780 GPM At 100 PSI, 840 To 900 GPM At 90 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-30).....	101,771.90	2,169.01
22 11 23 13-0077	EA		660, 720, 780, 840, 900 GPM At 110 To 120 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-31).....	122,975.40	2,169.01
22 11 23 13-0078	EA		660, 720, 780, 840, 900 GPM At 130 To 150 PSI, NEMA 1, Variable Speed Triplex Domestic Water Pressure Booster Skid (FlowTherm Systems FMV3-32).....	152,646.28	2,169.01

22 11 23 23 Domestic-Water In-Line Pumps (22 11 23)

22 11 23 23-0001 Bronze In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 23)

Note: ODP motor.

22 11 23 23-0002	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL30B).....	1,209.29	177.65
22 11 23 23-0003	EA	1/6 HP, 3/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL36B).....	1,245.27	177.65
22 11 23 23-0004	EA	1/6 HP, 1" To 1-1/4" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL45B).....	1,306.91	181.11
22 11 23 23-0005	EA	1/6 HP, 1-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL50B).....	1,448.86	188.51
22 11 23 23-0006	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PL75B).....	2,707.33	195.54
22 11 23 23-0007	EA	1/6 HP, 2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2AB).....	2,898.08	195.54
22 11 23 23-0008	EA	1/4 HP, 2-1/2" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2AB).....	4,391.01	215.29
22 11 23 23-0009	EA	1/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G LD3 AB).....	4,569.65	236.52
22 11 23 23-0010	EA	1/3 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G HD3 AB).....	5,552.72	260.22
22 11 23 23-0011	EA	1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB35S).....	5,659.48	286.39
22 11 23 23-0012	EA	3/4 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB37S).....	6,188.15	314.54
22 11 23 23-0013	EA	1 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB38S).....	8,949.10	346.14
22 11 23 23-0014	EA	1-1/2 HP, 3" Flanges, Bronze In-Line Centrifugal Domestic Water Booster Pump (B&G PDB40S).....	10,336.55	362.93

22 11 23 23-0015 Cast Iron In-Line Centrifugal Domestic Water Booster Pumps (22 11 23 23)

Note: ODP motor.

22 11 23 23-0016	EA	1/12 HP, 3/4" To 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL30).....	1,265.19	177.65
22 11 23 23-0017	EA	1/6 HP, 3/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL36).....	2,209.42	177.65
22 11 23 23-0018	EA	1/6 HP, 1" To 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	2,216.56	181.11
22 11 23 23-0019	EA	1/6 HP, 1-1/4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL45).....	2,254.29	185.05
22 11 23 23-0020	EA	1/6 HP, 1-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL50).....	2,261.19	188.51
22 11 23 23-0021	EA	1/6 HP, 2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PL75).....	2,301.16	195.54
22 11 23 23-0022	EA	1/4 HP, 2-1/2" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 2-1/2).....	2,831.23	215.29
22 11 23 23-0023	EA	1/3 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G HD30).....	3,666.36	260.22
22 11 23 23-0024	EA	1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD35S).....	3,853.30	286.39
22 11 23 23-0025	EA	3/4 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD37S).....	4,513.38	314.54
22 11 23 23-0026	EA	1 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD38S).....	6,152.08	346.14
22 11 23 23-0027	EA	1-1/2 HP, 3" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G PD40S).....	7,224.78	362.93
22 11 23 23-0028	EA	2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	6,443.11	381.20
22 11 23 23-0029	EA	3 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	6,918.84	419.02
22 11 23 23-0030	EA	5 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x7, BF).....	7,601.19	444.40
22 11 23 23-0031	EA	7-1/2 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF).....	9,699.98	493.78

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 11	23	23-0032	EA 10 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	10,235.07	592.63
22 11	23	23-0033	EA 15 HP, 4" Flanges, Cast Iron In-Line Centrifugal Domestic Water Booster Pump (B&G 80, 4x4x9-1/2, BF)	13,106.11	691.58

22 12 Facility Potable-Water Storage Tanks ^(22 10)

22 12 19 Facility Ground-Mounted, Potable-Water Storage Tanks ^(22 12)

22 12 19 00-0001			Steel, Horizontal, Ground-Mounted Water Tanks ^(22 12 19)		
22 12 19 00-0002	EA		5,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	41,274.62	9,253.51
22 12 19 00-0003	EA		10,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	47,073.92	9,253.51
22 12 19 00-0004	EA		20,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	85,264.45	14,280.12
22 12 19 00-0005	EA		35,000 Gallon, Steel, Horizontal, Ground-Mounted Water Tank	110,042.20	18,507.01
22 12 19 00-0006			Galvanized Steel, Flat Bottom, Vertical Storage Tanks ^(22 12 19)		
22 12 19 00-0007	EA		5,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	49,866.17	9,253.51
22 12 19 00-0008	EA		10,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	70,056.32	9,253.51
22 12 19 00-0009	EA		20,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	104,308.07	14,280.12
22 12 19 00-0010	EA		35,000 Gallon Galvanized Steel, Flat Bottom, Vertical Storage Tank	150,631.28	18,507.01

22 12 23 Facility Indoor Potable-Water Storage Tanks ^(22 12)

22 12 23 13 Facility Steel, Indoor Potable-Water Storage Pressure Tanks ^(22 12 23)

22 12 23 13-0001			Insulated Glass Lined Storage Tank (A.O. Smith TJ, TJV And TJH) ^(22 12 23 13)		
22 12 23 13-0002	EA		80 Gallon ASME Rated Tank, 150PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJ-80A)	2,545.28	394.79
22 12 23 13-0003	EA		119 Gallon 150 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-120M)	3,151.91	493.49
22 12 23 13-0004	EA		140 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-140A)	5,928.76	542.83
22 12 23 13-0005	EA		200 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-200A)	6,559.01	592.18
22 12 23 13-0006	EA		250 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-250A)	13,190.58	641.53
22 12 23 13-0007	EA		350 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-350A)	11,324.14	690.88
22 12 23 13-0008	EA		400 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-400A)	19,573.74	740.23
22 12 23 13-0009	EA		500 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-500A)	18,005.37	789.58
22 12 23 13-0010	EA		750 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-750A)	19,565.83	838.93
22 12 23 13-0011	EA		1,000 Gallon ASME Rated Tank, 125 PSI, Jacketed, Insulated, Glass Lined Water Heater Storage Tank (TJV-1000A)	23,346.10	888.28

22 12 23 13-0012 Uninsulated Glass Lined Storage Tank (A.O. Smith T) ^(22 12 23 13)

22 12 23 13-0013	EA		80 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-80S)	2,160.94	394.79
22 12 23 13-0014	EA		120 Gallon 150 PSA, Uninsulated, Glass Lined Water Storage Tank (T-120S)	4,234.42	493.49
22 12 23 13-0015	EA		140 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-140A)	5,317.51	542.83
22 12 23 13-0016	EA		200 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200S)	6,596.84	592.18
22 12 23 13-0017	EA		200 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-200A)	5,575.61	592.18
22 12 23 13-0018	EA		250 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-250A)	8,705.90	641.53
22 12 23 13-0019	EA		325 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-325A)	9,423.18	690.88
22 12 23 13-0020	EA		350 Gallon 150 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350S)	8,959.25	690.88
22 12 23 13-0021	EA		350 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-350A)	8,156.72	690.88
22 12 23 13-0022	EA		400 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-400A)	11,222.96	740.23
22 12 23 13-0023	EA		500 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-500A)	12,178.88	789.58
22 12 23 13-0024	EA		750 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-750A)	14,163.14	838.93
22 12 23 13-0025	EA		1,000 Gallon ASME Rated Tank, 125 PSI, Uninsulated, Glass Lined Water Storage Tank (T-1000A)	26,782.42	888.28

22 12 23 26 Facility Plastic, Indoor Potable-Water Storage Non-Pressure Tanks ^(22 12 23)

22 12 23 26-0001			Horizontal Non-Pressurized Polyethylene Tanks ^(22 12 23 26)		
			Note: Excludes excavation and backfill.		
22 12 23 26-0002	EA		100 Gallon Horizontal Non-Pressurized Polyethylene Tank	691.04	222.07
			For Saddle Assembly, Add	775.78	
22 12 23 26-0003	EA		150 Gallon Horizontal Non-Pressurized Polyethylene Tank	809.68	259.08
			For Saddle Assembly, Add	775.78	
22 12 23 26-0004	EA		200 Gallon Horizontal Non-Pressurized Polyethylene Tank	962.97	296.09
			For Saddle Assembly, Add	893.58	
22 12 23 26-0005	EA		300 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,178.63	333.10
			For Saddle Assembly, Add	1,353.23	
22 12 23 26-0006	EA		335 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,419.69	370.12
			For Two Tie Down Bands, Add	441.70	
22 12 23 26-0007	EA		535 Gallon Horizontal Non-Pressurized Polyethylene Tank	1,844.25	515.47
			For Two Tie Down Bands, Add	474.04	
22 12 23 26-0008	EA		1,035 Gallon Horizontal Non-Pressurized Polyethylene Tank	2,784.02	601.38
			For Three Tie Down Bands, Add	815.00	
22 12 23 26-0009	EA		1,335 Gallon Horizontal Non-Pressurized Polyethylene Tank	4,046.11	687.28
			For Three Tie Down Bands, Add	821.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 12 23 26-0010 EA 1,635 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	5,063.77 1,114.39	773.19
22 12 23 26-0011 EA 2,035 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	5,939.29 1,585.58	859.10
22 12 23 26-0012 EA 2,635 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	8,535.80 2,102.97	945.01
22 12 23 26-0013 EA 3,135 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	9,897.64 2,278.52	1,030.92
22 12 23 26-0014 EA 4,035 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Four Tie Down Bands, Add</i>	14,234.16 2,583.41	1,374.57
22 12 23 26-0015 EA 5,025 Gallon Horizontal Non-Pressurized Polyethylene Tank <i>For Five Tie Down Bands, Add</i>	18,479.32 4,072.33	1,374.57
22 12 23 26-0016 Vertical Non-Pressurized Polyethylene Tanks (22 12 23 26)		
22 12 23 26-0017 EA 100 Gallon Vertical Non-Pressurized Polyethylene Tank	743.54	296.09
22 12 23 26-0018 EA 160 Gallon Vertical Non-Pressurized Polyethylene Tank	904.50	314.60
22 12 23 26-0019 EA 210 Gallon Vertical Non-Pressurized Polyethylene Tank	996.15	333.10
22 12 23 26-0020 EA 300 Gallon Vertical Non-Pressurized Polyethylene Tank	1,214.12	370.12
22 12 23 26-0021 EA 405 Gallon Vertical Non-Pressurized Polyethylene Tank	1,379.79	444.14
22 12 23 26-0022 EA 500 Gallon Vertical Non-Pressurized Polyethylene Tank	1,630.94	518.17
22 12 23 26-0023 EA 800 Gallon Vertical Non-Pressurized Polyethylene Tank	2,311.46	687.28
22 12 23 26-0024 EA 1,000 Gallon Vertical Non-Pressurized Polyethylene Tank	2,997.89	859.10
22 12 23 26-0025 EA 2,000 Gallon Vertical Non-Pressurized Polyethylene Tank	4,049.27	1,030.92
22 12 23 26-0026 EA 3,000 Gallon Vertical Non-Pressurized Polyethylene Tank	5,317.76	1,202.75
22 12 23 26-0027 EA 4,000 Gallon Vertical Non-Pressurized Polyethylene Tank	7,886.67	1,374.57
22 12 23 26-0028 EA 5,000 Gallon Vertical Non-Pressurized Polyethylene Tank	10,728.12	1,546.39
22 12 23 26-0029 EA 6,250 Gallon Vertical Non-Pressurized Polyethylene Tank	12,167.54	1,718.21
22 12 23 26-0030 EA 7,000 Gallon Vertical Non-Pressurized Polyethylene Tank	13,408.32	1,890.03
22 12 23 26-0031 EA 8,000 Gallon Vertical Non-Pressurized Polyethylene Tank	15,466.77	2,061.85
22 12 23 26-0032 EA 9,150 Gallon Vertical Non-Pressurized Polyethylene Tank	17,485.94	2,233.67
22 12 23 26-0033 EA 10,500 Gallon Vertical Non-Pressurized Polyethylene Tank	21,699.41	2,405.49
22 12 23 26-0034 EA 12,500 Gallon Vertical Non-Pressurized Polyethylene Tank	26,130.41	2,749.14

22 13 Facility Sanitary Sewerage (22 10)

22 13 13 Facility Sanitary Sewers (22 13)

22 13 13 00-0001 Fixture Rough-In (22 13 13)

Note: Excludes fixture. Not for use when individual component details are available, on remodeling work where partial pipe and fittings are installed or on residential projects. For use on commercial restrooms with multiple toilets, urinals and lavatories. Includes waste and vent pipe and fittings and domestic water supply pipe and fittings. Waste piping is included from fixture outlet tee to floor, vent piping is included from outlet tee within the wall to the ceiling and domestic water supply from ceiling to fixture and stub out with caps. Based on vertical floor to floor of 12'. Use detailed tasks (i.e. individual pipe and fittings, insulation, hangers, etc.) instead of rough-in assembly where possible.

22 13 13 00-0002 Single Fixture Rough-In, Cast Iron Waste And Vent Pipe (22 13 13 00-0001)

Note: Single fixtures have one fixture to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.

22 13 13 00-0003 EA Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,145.48	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.		
22 13 13 00-0004 EA Wall Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,601.99	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0005 EA Tank Type Floor Mounted Water Closet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,027.92	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0006 EA Wall Mounted Urinal, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	682.02	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.		
22 13 13 00-0007 EA Wall Mounted Lavatory, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	805.24	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0008 EA Countertop Kitchen Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,005.99	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0009 EA Bathtub, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,087.99	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0010 EA Free Standing Water Cooler, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	654.41	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0011 EA Floor Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,027.92	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0012 EA Wall Mounted Service Sink, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,045.81	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.		
22 13 13 00-0013 EA Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	996.44	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		
22 13 13 00-0014 EA Bidet, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,145.48	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.		
22 13 13 00-0015 EA Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,803.14	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.		
22 13 13 00-0016 EA Bathtub/Shower, Single Fixture Rough-In, Cast Iron Waste And Vent Pipe	1,112.69	
Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.		

MINOR	DESCRIPTION
CSI UOM	DESCRIPTION

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0017	Double Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0018	EA Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,520.73	
22 13 13 00-0019	EA Wall Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	2,146.73	
22 13 13 00-0020	EA Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,310.41	
22 13 13 00-0021	EA Wall Mounted Urinal, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	833.24	
22 13 13 00-0022	EA Wall Mounted Lavatory, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,089.06	
22 13 13 00-0023	EA Countertop Kitchen Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,159.02	
22 13 13 00-0024	EA Free Standing Water Cooler, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	781.07	
22 13 13 00-0025	EA Floor Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,320.26	
22 13 13 00-0026	EA Wall Mounted Service Sink, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,111.69	
22 13 13 00-0027	EA Shower, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	1,087.04	
22 13 13 00-0028	EA Bidet, Double Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucets.	1,520.73	
22 13 13 00-0029	Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe <small>(22 13 13 00-0001)</small> Note: Gang fixtures include multiple fixtures to one pipe riser. Includes cast iron waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0030	EA Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	759.91	
22 13 13 00-0031	EA Wall Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	1,073.37	
22 13 13 00-0032	EA Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	655.69	
22 13 13 00-0033	EA Wall Mounted Urinal, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste pipe and vent and copper domestic supply. Excludes fixture, carrier and flush valve.	417.12	
22 13 13 00-0034	EA Wall Mounted Lavatory, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	544.55	
22 13 13 00-0035	EA Countertop Kitchen Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	579.49	
22 13 13 00-0036	EA Free Standing Water Cooler, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture.	415.20	
22 13 13 00-0037	EA Rough-in Service Sink, Floor Mounted, Gang Mounted Fixture Including Cast Iron Waste Pipe And Vent And Copper Domestic Supply, Not Including Fixture Or Faucet.....	659.64	
22 13 13 00-0038	EA Wall Mounted Service Sink, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe.....	555.84	
22 13 13 00-0039	EA Shower, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture, shower heads and faucets.	543.99	
22 13 13 00-0040	EA Bidet, Gang Fixture Rough-In, Cast Iron Waste And Vent Pipe..... Note: Includes cast iron waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	752.97	
22 13 13 00-0041	Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe <small>(22 13 00-0001)</small> Note: Single fixtures have one fixture to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0042	EA Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Water Closet.....	640.05	
22 13 13 00-0043	EA Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Water Closet..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	764.56	
22 13 13 00-0044	EA Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Tank Type, Floor Mounted, Water Closet.....	597.39	
22 13 13 00-0045	EA Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Urinal..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	370.88	
22 13 13 00-0046	EA Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Wall Mounted, Lavatory.....	435.72	
22 13 13 00-0047	EA Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Countertop, Kitchen Sink..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	576.78	
22 13 13 00-0048	EA Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Bathtub..... Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	596.34	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0049	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Free Standing, Water Cooler..... 363.44 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	363.44	
22 13 13 00-0050	EA		Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe, Floor Mounted, Service Sink 597.39 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	597.39	
22 13 13 00-0051	EA		Wall Mounted Service Sink, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 626.69 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	626.69	
22 13 13 00-0052	EA		Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 583.40 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	583.40	
22 13 13 00-0053	EA		Bidet, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 639.93 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	639.93	
22 13 13 00-0054	EA		Floor Mounted Circular Wash Fountain, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 994.22 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	994.22	
22 13 13 00-0055	EA		Bathtub/Shower, Single Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 617.93 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	617.93	
22 13 13 00-0056			Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ^(22 13 00-0001) Note: Double fixtures have two "back-to-back" waste connections to one riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0057	EA		Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 801.02 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	801.02	
22 13 13 00-0058	EA		Wall Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 1,005.49 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	1,005.49	
22 13 13 00-0059	EA		Tank Type Floor Mounted Water Closet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 694.40 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	694.40	
22 13 13 00-0060	EA		Wall Mounted Urinal, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 425.61 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	425.61	
22 13 13 00-0061	EA		Wall Mounted Lavatory, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 601.69 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures, carrier and faucets.	601.69	
22 13 13 00-0062	EA		Countertop Kitchen Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 632.16 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures and faucets.	632.16	
22 13 13 00-0063	EA		Free Standing Water Cooler, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 409.27 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixtures.	409.27	
22 13 13 00-0064	EA		Floor Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 703.18 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	703.18	
22 13 13 00-0065	EA		Wall Mounted Service Sink, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 650.53 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	650.53	
22 13 13 00-0066	EA		Shower, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 628.50 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	628.50	
22 13 13 00-0067	EA		Bidet, Double Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 801.02 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	801.02	
22 13 13 00-0068			Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe ^(22 13 00-0001) Note: Gang fixtures include multiple fixtures to one pipe riser. Includes PVC waste and vent pipe and fittings and copper domestic water supply pipe and fittings.		
22 13 13 00-0069	EA		Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 400.11 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and flush valve.	400.11	
22 13 13 00-0070	EA		Wall Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 502.27 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	502.27	
22 13 13 00-0071	EA		Tank Type Floor Mounted Water Closet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 347.49 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	347.49	
22 13 13 00-0072	EA		Wall Mounted Urinal, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 212.85 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and flush valve.	212.85	
22 13 13 00-0073	EA		Wall Mounted Lavatory, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 300.82 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	300.82	
22 13 13 00-0074	EA		Countertop Kitchen Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 315.83 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	315.83	
22 13 13 00-0075	EA		Free Standing Water Cooler, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 204.62 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture.	204.62	
22 13 13 00-0076	EA		Floor Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe 351.50 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	351.50	
22 13 13 00-0077	EA		Wall Mounted Service Sink, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe..... 325.29 Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, carrier and faucet.	325.29	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 13 00-0078	EA	Shower, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture, shower head and faucet.	314.67	
22 13 13 00-0079	EA	Bidet, Gang Fixture Rough-In, Polyvinyl Chloride (PVC) Waste And Vent Pipe Note: Includes polyvinyl chloride (PVC) waste and vent pipe and copper domestic supply. Excludes fixture and faucet.	393.57	
22 13 16		Sanitary Waste and Vent Piping (22 13)		
22 13 16 00-0001		Cast Iron Soil Pipe Assemblies (22 13 16)		
22 13 16 00-0002		Underground Bell And Spigot Cast Iron Soil Pipe Assemblies (22 13 16 00-0001) Note: Includes fittings and gaskets. Fittings are assumed every 10'. Excludes excavation, backfill and compaction. Not for use where detail is available.		
22 13 16 00-0003	LF	2" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	37.13	6.22
		<i>For Work In Restricted Working Space, Add</i>	4.56	
22 13 16 00-0004	LF	3" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	53.44	9.37
		<i>For Work In Restricted Working Space, Add</i>	6.19	
22 13 16 00-0005	LF	4" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	69.43	11.94
		<i>For Work In Restricted Working Space, Add</i>	7.96	
22 13 16 00-0006	LF	5" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	82.83	14.68
		<i>For Work In Restricted Working Space, Add</i>	8.26	
22 13 16 00-0007	LF	6" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	97.92	15.99
		<i>For Work In Restricted Working Space, Add</i>	9.17	
22 13 16 00-0008	LF	8" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	157.38	22.76
		<i>For Work In Restricted Working Space, Add</i>	12.89	
22 13 16 00-0009	LF	10" Underground Bell And Spigot Cast Iron Soil Pipe Assembly Note: Includes all fittings and gaskets. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.	236.32	22.76
		<i>For Work In Restricted Working Space, Add</i>	14.59	
22 13 16 00-0010		Aboveground No Hub Cast Iron Soil Pipe Assemblies (22 13 16 00-0001) Note: Includes fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
22 13 16 00-0011	LF	1-1/2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	31.21	5.93
		<i>For Work In Restricted Working Space, Add</i>	5.20	
22 13 16 00-0012	LF	2" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	33.03	6.32
		<i>For Work In Restricted Working Space, Add</i>	5.59	
22 13 16 00-0013	LF	3" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	42.49	9.18
		<i>For Work In Restricted Working Space, Add</i>	6.85	
22 13 16 00-0014	LF	4" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	50.74	11.94
		<i>For Work In Restricted Working Space, Add</i>	8.19	
22 13 16 00-0015	LF	5" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	66.42	14.40
		<i>For Work In Restricted Working Space, Add</i>	9.77	
22 13 16 00-0016	LF	6" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	75.72	15.71
		<i>For Work In Restricted Working Space, Add</i>	10.65	
22 13 16 00-0017	LF	8" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available.	118.84	22.57
		<i>For Work In Restricted Working Space, Add</i>	14.69	
22 13 16 00-0018	LF	10" Aboveground No Hub Cast Iron Soil Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 20'. Not for use where detail is available.	169.82	25.65
		<i>For Work In Restricted Working Space, Add</i>	17.07	
22 13 16 00-0019		Bell And Spigot Cast Iron Soil Pipe And Fittings (22 13 16) Note: Service weight. ASTM A74 and CISPI 301 (Fitting Requirements).		
22 13 16 00-0020		Bell And Spigot Cast Iron Pipe (22 13 16 00-0019) Note: Excludes excavation, hangers, gaskets, and fittings.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0021 LF 2" Bell And Spigot Cast Iron Pipe	26.95	6.22
<i>For Extra Heavy Pipe, Add</i>	7.37	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.47	
<i>For Work In Restricted Working Space, Add</i>	2.82	
22 13 16 00-0022 LF 3" Bell And Spigot Cast Iron Pipe	39.25	9.37
<i>For Extra Heavy Pipe, Add</i>	10.56	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.71	
<i>For Work In Restricted Working Space, Add</i>	4.23	
22 13 16 00-0023 LF 4" Bell And Spigot Cast Iron Pipe	50.64	11.94
<i>For Extra Heavy Pipe, Add</i>	13.73	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	0.90	
<i>For Work In Restricted Working Space, Add</i>	5.38	
22 13 16 00-0024 LF 5" Bell And Spigot Cast Iron Pipe	68.11	14.68
<i>For Extra Heavy Pipe, Add</i>	19.38	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.10	
<i>For Work In Restricted Working Space, Add</i>	6.59	
22 13 16 00-0025 LF 6" Bell And Spigot Cast Iron Pipe	80.15	15.99
<i>For Extra Heavy Pipe, Add</i>	23.60	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.20	
<i>For Work In Restricted Working Space, Add</i>	7.19	
22 13 16 00-0026 LF 8" Bell And Spigot Cast Iron Pipe	121.56	22.76
<i>For Extra Heavy Pipe, Add</i>	36.71	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.71	
<i>For Work In Restricted Working Space, Add</i>	10.25	
22 13 16 00-0027 LF 10" Bell And Spigot Cast Iron Pipe	183.95	25.65
<i>For Extra Heavy Pipe, Add</i>	61.12	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	1.92	
<i>For Work In Restricted Working Space, Add</i>	11.53	
22 13 16 00-0028 LF 12" Bell And Spigot Cast Iron Pipe	262.63	34.19
<i>For Extra Heavy Pipe, Add</i>	88.79	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.56	
<i>For Work In Restricted Working Space, Add</i>	15.37	
22 13 16 00-0029 LF 15" Bell And Spigot Cast Iron Pipe	370.45	41.01
<i>For Extra Heavy Pipe, Add</i>	129.77	
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.07	
<i>For Work In Restricted Working Space, Add</i>	18.44	
22 13 16 00-0030 Bell And Spigot Cast Iron Fittings (22 13 16 00-0019)		
22 13 16 00-0031 Bell And Spigot Cast Iron Long Sweeps (22 13 16 00-0030)		
22 13 16 00-0032 EA 2" Bell And Spigot Cast Iron Long Sweep	101.37	28.32
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.12	
<i>For Extra Heavy Fittings, Add</i>	20.62	
<i>For Work In Restricted Working Space, Add</i>	12.74	
22 13 16 00-0033 EA 3" Bell And Spigot Cast Iron Long Sweep	172.89	35.63
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.67	
<i>For Extra Heavy Fittings, Add</i>	41.84	
<i>For Work In Restricted Working Space, Add</i>	16.01	
22 13 16 00-0034 EA 4" Bell And Spigot Cast Iron Long Sweep	230.33	47.37
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.55	
<i>For Extra Heavy Fittings, Add</i>	55.77	
<i>For Work In Restricted Working Space, Add</i>	21.30	
22 13 16 00-0035 EA 6" Bell And Spigot Cast Iron Long Sweep	361.34	62.09
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.65	
<i>For Extra Heavy Fittings, Add</i>	93.89	
<i>For Work In Restricted Working Space, Add</i>	27.92	
22 13 16 00-0036 EA 8" Bell And Spigot Cast Iron Long Sweep	718.36	80.10
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.00	
<i>For Extra Heavy Fittings, Add</i>	209.41	
<i>For Work In Restricted Working Space, Add</i>	36.02	
22 13 16 00-0037 EA 10" Bell And Spigot Cast Iron Long Sweep	983.44	98.54
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.39	
<i>For Extra Heavy Fittings, Add</i>	292.49	
<i>For Work In Restricted Working Space, Add</i>	44.33	
22 13 16 00-0038 EA 12" Bell And Spigot Cast Iron Long Sweep	1,509.11	137.53
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.31	
<i>For Extra Heavy Fittings, Add</i>	456.02	
<i>For Work In Restricted Working Space, Add</i>	61.86	
22 13 16 00-0039 EA 15" Bell And Spigot Cast Iron Long Sweep	2,807.06	191.51
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	14.36	
<i>For Extra Heavy Fittings, Add</i>	881.98	
<i>For Work In Restricted Working Space, Add</i>	86.14	
22 13 16 00-0040 Bell And Spigot Cast Iron Short Sweeps (22 13 16 00-0030)		
22 13 16 00-0041 EA 2" Bell And Spigot Cast Iron Short Sweep	85.81	28.32
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.12	
<i>For Extra Heavy Fittings, Add</i>	15.18	
<i>For Work In Restricted Working Space, Add</i>	12.74	
22 13 16 00-0042 EA 3" Bell And Spigot Cast Iron Short Sweep	146.78	35.63
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.67	
<i>For Extra Heavy Fittings, Add</i>	32.70	
<i>For Work In Restricted Working Space, Add</i>	16.01	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0043	EA		4" Bell And Spigot Cast Iron Short Sweep	200.98	47.37
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.55	
			<i>For Extra Heavy Fittings, Add</i>	45.49	
			<i>For Work In Restricted Working Space, Add</i>	21.30	
22 13 16 00-0044	EA		5" Bell And Spigot Cast Iron Short Sweep	303.85	52.78
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.96	
			<i>For Extra Heavy Fittings, Add</i>	78.66	
			<i>For Work In Restricted Working Space, Add</i>	23.73	
22 13 16 00-0045	EA		6" Bell And Spigot Cast Iron Short Sweep	366.93	62.09
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.65	
			<i>For Extra Heavy Fittings, Add</i>	95.85	
			<i>For Work In Restricted Working Space, Add</i>	27.92	
22 13 16 00-0046	EA		8" Bell And Spigot Cast Iron Short Sweep	605.86	80.10
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.00	
			<i>For Extra Heavy Fittings, Add</i>	170.03	
			<i>For Work In Restricted Working Space, Add</i>	36.02	
22 13 16 00-0047	EA		10" Bell And Spigot Cast Iron Short Sweep	887.45	98.54
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.39	
			<i>For Extra Heavy Fittings, Add</i>	258.89	
			<i>For Work In Restricted Working Space, Add</i>	44.33	
22 13 16 00-0048	EA		12" Bell And Spigot Cast Iron Short Sweep	1,473.31	137.53
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.31	
			<i>For Extra Heavy Fittings, Add</i>	443.49	
			<i>For Work In Restricted Working Space, Add</i>	61.86	
22 13 16 00-0049			Bell And Spigot Cast Iron 1/4 Bends (22 13 16 00-0030)		
22 13 16 00-0050	EA		2" Bell And Spigot Cast Iron 1/4 Bend	76.98	28.22
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.12	
			<i>For Extra Heavy Fittings, Add</i>	12.12	
			<i>For Work In Restricted Working Space, Add</i>	12.71	
22 13 16 00-0051	EA		3" Bell And Spigot Cast Iron 1/4 Bend	116.88	31.78
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.38	
			<i>For Extra Heavy Fittings, Add</i>	24.22	
			<i>For Work In Restricted Working Space, Add</i>	14.30	
22 13 16 00-0052	EA		4" Bell And Spigot Cast Iron 1/4 Bend	167.33	42.34
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.17	
			<i>For Extra Heavy Fittings, Add</i>	36.35	
			<i>For Work In Restricted Working Space, Add</i>	19.04	
22 13 16 00-0053	EA		5" Bell And Spigot Cast Iron 1/4 Bend	210.13	47.14
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.53	
			<i>For Extra Heavy Fittings, Add</i>	48.83	
			<i>For Work In Restricted Working Space, Add</i>	21.19	
22 13 16 00-0054	EA		6" Bell And Spigot Cast Iron 1/4 Bend	252.76	56.45
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.24	
			<i>For Extra Heavy Fittings, Add</i>	58.82	
			<i>For Work In Restricted Working Space, Add</i>	25.41	
22 13 16 00-0055	EA		8" Bell And Spigot Cast Iron 1/4 Bend	527.59	73.76
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.53	
			<i>For Extra Heavy Fittings, Add</i>	145.96	
			<i>For Work In Restricted Working Space, Add</i>	33.17	
22 13 16 00-0056	EA		10" Bell And Spigot Cast Iron 1/4 Bend	779.43	89.51
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.71	
			<i>For Extra Heavy Fittings, Add</i>	225.83	
			<i>For Work In Restricted Working Space, Add</i>	40.26	
22 13 16 00-0057	EA		12" Bell And Spigot Cast Iron 1/4 Bend	1,028.47	105.65
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.92	
			<i>For Extra Heavy Fittings, Add</i>	304.51	
			<i>For Work In Restricted Working Space, Add</i>	47.53	
22 13 16 00-0058	EA		15" Bell And Spigot Cast Iron 1/4 Bend	2,635.37	166.64
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.49	
			<i>For Extra Heavy Fittings, Add</i>	834.95	
			<i>For Work In Restricted Working Space, Add</i>	74.94	
22 13 16 00-0059			Bell And Spigot Cast Iron 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0060	EA		2" Bell And Spigot Cast Iron 1/8 Bend	70.10	28.32
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.12	
			<i>For Extra Heavy Fittings, Add</i>	9.68	
			<i>For Work In Restricted Working Space, Add</i>	12.74	
22 13 16 00-0061	EA		3" Bell And Spigot Cast Iron 1/8 Bend	110.40	35.63
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.67	
			<i>For Extra Heavy Fittings, Add</i>	19.97	
			<i>For Work In Restricted Working Space, Add</i>	16.01	
22 13 16 00-0062	EA		4" Bell And Spigot Cast Iron 1/8 Bend	157.56	47.37
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.55	
			<i>For Extra Heavy Fittings, Add</i>	30.30	
			<i>For Work In Restricted Working Space, Add</i>	21.30	
22 13 16 00-0063	EA		5" Bell And Spigot Cast Iron 1/8 Bend	197.56	59.00
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.42	
			<i>For Extra Heavy Fittings, Add</i>	38.20	
			<i>For Work In Restricted Working Space, Add</i>	26.52	
22 13 16 00-0064	EA		6" Bell And Spigot Cast Iron 1/8 Bend	228.64	65.77
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.93	
			<i>For Extra Heavy Fittings, Add</i>	45.49	
			<i>For Work In Restricted Working Space, Add</i>	29.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0065 EA 8" Bell And Spigot Cast Iron 1/8 Bend	457.69	88.36
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.62	
<i>For Extra Heavy Fittings, Add</i>	113.82	
<i>For Work In Restricted Working Space, Add</i>	39.74	
22 13 16 00-0066 EA 10" Bell And Spigot Cast Iron 1/8 Bend	641.14	109.01
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.17	
<i>For Extra Heavy Fittings, Add</i>	167.18	
<i>For Work In Restricted Working Space, Add</i>	49.04	
22 13 16 00-0067 EA 12" Bell And Spigot Cast Iron 1/8 Bend	1,038.42	141.37
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.60	
<i>For Extra Heavy Fittings, Add</i>	289.28	
<i>For Work In Restricted Working Space, Add</i>	63.57	
22 13 16 00-0068 EA 15" Bell And Spigot Cast Iron 1/8 Bend	1,997.27	166.64
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.49	
<i>For Extra Heavy Fittings, Add</i>	611.62	
<i>For Work In Restricted Working Space, Add</i>	74.94	
22 13 16 00-0069 Bell And Spigot Cast Iron Wyes (22 13 16 00-0030)		
22 13 16 00-0070 EA 2" Bell And Spigot Cast Iron Wye	121.50	63.26
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.75	
<i>For Extra Heavy Fittings, Add</i>	9.31	
<i>For Work In Restricted Working Space, Add</i>	28.47	
22 13 16 00-0071 EA 3" Bell And Spigot Cast Iron Wye	153.71	69.29
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.19	
<i>For Extra Heavy Fittings, Add</i>	17.44	
<i>For Work In Restricted Working Space, Add</i>	31.17	
22 13 16 00-0072 EA 4" Bell And Spigot Cast Iron Wye	202.40	90.80
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.81	
<i>For Extra Heavy Fittings, Add</i>	23.21	
<i>For Work In Restricted Working Space, Add</i>	40.83	
22 13 16 00-0073 EA 5" Bell And Spigot Cast Iron Wye	262.72	101.53
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.61	
<i>For Extra Heavy Fittings, Add</i>	38.66	
<i>For Work In Restricted Working Space, Add</i>	45.68	
22 13 16 00-0074 EA 6" Bell And Spigot Cast Iron Wye	330.13	120.34
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.02	
<i>For Extra Heavy Fittings, Add</i>	52.39	
<i>For Work In Restricted Working Space, Add</i>	54.14	
22 13 16 00-0075 EA 8" Bell And Spigot Cast Iron Wye	608.96	161.35
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.10	
<i>For Extra Heavy Fittings, Add</i>	128.46	
<i>For Work In Restricted Working Space, Add</i>	72.58	
22 13 16 00-0076 EA 10" Bell And Spigot Cast Iron Wye	856.97	183.05
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.72	
<i>For Extra Heavy Fittings, Add</i>	203.90	
<i>For Work In Restricted Working Space, Add</i>	82.32	
22 13 16 00-0077 EA 12" Bell And Spigot Cast Iron Wye	1,271.27	222.82
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	16.70	
<i>For Extra Heavy Fittings, Add</i>	328.02	
<i>For Work In Restricted Working Space, Add</i>	100.22	
22 13 16 00-0078 EA 15" Bell And Spigot Cast Iron Wye	1,979.63	250.00
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	18.74	
<i>For Extra Heavy Fittings, Add</i>	561.69	
<i>For Work In Restricted Working Space, Add</i>	112.44	
22 13 16 00-0079 Bell And Spigot Cast Iron Reducing Wyes (22 13 16 00-0030)		
22 13 16 00-0080 EA 3" x 2" Bell And Spigot Cast Iron Reducing Wye	194.83	66.12
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.96	
<i>For Extra Heavy Fittings, Add</i>	33.48	
<i>For Work In Restricted Working Space, Add</i>	29.75	
22 13 16 00-0081 EA 4" x 2" Bell And Spigot Cast Iron Reducing Wye	237.04	81.73
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.13	
<i>For Extra Heavy Fittings, Add</i>	40.06	
<i>For Work In Restricted Working Space, Add</i>	36.77	
22 13 16 00-0082 EA 4" x 3" Bell And Spigot Cast Iron Reducing Wye	265.03	83.79
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.28	
<i>For Extra Heavy Fittings, Add</i>	48.77	
<i>For Work In Restricted Working Space, Add</i>	37.71	
22 13 16 00-0083 EA 6" x 2" Bell And Spigot Cast Iron Reducing Wye	393.81	107.82
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.08	
<i>For Extra Heavy Fittings, Add</i>	81.28	
<i>For Work In Restricted Working Space, Add</i>	48.47	
22 13 16 00-0084 EA 6" x 3" Bell And Spigot Cast Iron Reducing Wye	404.08	109.80
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.23	
<i>For Extra Heavy Fittings, Add</i>	83.80	
<i>For Work In Restricted Working Space, Add</i>	49.40	
22 13 16 00-0085 EA 6" x 4" Bell And Spigot Cast Iron Reducing Wye	422.80	117.15
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.78	
<i>For Extra Heavy Fittings, Add</i>	86.51	
<i>For Work In Restricted Working Space, Add</i>	52.69	
22 13 16 00-0086 EA 8" x 2" Bell And Spigot Cast Iron Reducing Wye	625.25	129.75
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.73	
<i>For Extra Heavy Fittings, Add</i>	150.76	
<i>For Work In Restricted Working Space, Add</i>	58.36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0087	EA		8" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	653.84 9.91 159.46 59.47	132.25
22 13 16 00-0088	EA		8" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	669.36 10.38 161.60 62.30	138.50
22 13 16 00-0089	EA		8" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	791.68 11.55 196.23 69.30	154.06
22 13 16 00-0090	EA		10" x 3" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	980.03 10.82 267.26 64.93	144.35
22 13 16 00-0091	EA		10" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,019.43 11.30 277.71 67.79	150.70
22 13 16 00-0092	EA		10" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,115.12 12.49 302.87 74.94	166.64
22 13 16 00-0093	EA		10" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,478.08 13.25 424.60 79.49	176.72
22 13 16 00-0094	EA		12" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,521.76 13.25 439.88 79.49	176.72
22 13 16 00-0095	EA		12" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,583.20 14.36 453.62 86.14	191.51
22 13 16 00-0096	EA		12" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,861.13 15.07 545.94 90.39	201.02
22 13 16 00-0097	EA		12" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,265.47 15.52 684.31 93.09	206.98
22 13 16 00-0098	EA		15" x 4" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,758.36 14.63 1,213.02 87.78	195.16
22 13 16 00-0099	EA		15" x 6" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,921.81 15.84 1,261.79 95.01	211.20
22 13 16 00-0100	EA		15" x 8" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,001.78 16.52 1,285.01 99.10	220.32
22 13 16 00-0101	EA		15" x 10" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,094.78 17.07 1,313.65 102.45	227.81
22 13 16 00-0102	EA		15" x 12" Bell And Spigot Cast Iron Reducing Wye <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,197.64 18.07 1,342.68 108.42	241.07
22 13 16 00-0103			Bell And Spigot Cast Iron Combination Wye And 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0104	EA		2" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	132.89 4.75 13.30 28.47	63.26
22 13 16 00-0105	EA		3" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	160.73 5.19 19.89 31.17	69.29
22 13 16 00-0106	EA		4" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	214.62 6.81 27.48 40.83	90.80
22 13 16 00-0107	EA		5" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	301.90 7.98 49.79 47.89	106.51
22 13 16 00-0108	EA		6" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	378.17 9.90 63.05 59.41	132.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0109 EA 8" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	698.99 13.02 153.49 78.14	173.74
22 13 16 00-0110 EA 10" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,010.54 17.07 234.17 102.45	227.81
22 13 16 00-0111 EA 12" Bell And Spigot Cast Iron Combination Wye And 1/8 Bend..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,355.89 21.95 320.89 131.72	292.84
22 13 16 00-0112 Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0113 EA 3" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	141.80 4.96 14.92 29.75	66.12
22 13 16 00-0114 EA 4" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	200.88 6.13 27.41 36.77	81.73
22 13 16 00-0115 EA 4" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	217.31 6.28 32.07 37.71	83.79
22 13 16 00-0116 EA 6" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	325.38 8.08 57.33 48.47	107.82
22 13 16 00-0117 EA 6" x 3" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	339.12 8.23 61.06 49.40	109.80
22 13 16 00-0118 EA 6" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	359.42 8.78 64.32 52.69	117.15
22 13 16 00-0119 EA 8" x 2" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	498.15 9.73 106.27 58.36	129.75
22 13 16 00-0120 EA 8" x 4" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	511.29 10.38 106.27 62.30	138.50
22 13 16 00-0121 EA 8" x 6" Bell And Spigot Cast Iron Reducing Combination Wye And 1/8 Bend <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	647.84 11.55 145.89 69.30	154.06
22 13 16 00-0122 Bell And Spigot Cast Iron Double Wyes (22 13 16 00-0030)		
22 13 16 00-0123 EA 2" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	218.51 5.67 36.77 34.04	75.70
22 13 16 00-0124 EA 3" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	319.42 7.15 61.73 42.91	95.44
22 13 16 00-0125 EA 4" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	434.27 9.05 88.63 54.31	120.70
22 13 16 00-0126 EA 6" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	838.99 13.86 196.62 83.16	184.89
22 13 16 00-0127 EA 8" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,694.36 16.35 478.59 98.09	218.11
22 13 16 00-0128 EA 10" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,249.71 18.29 659.34 109.76	244.04
22 13 16 00-0129 EA 12" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,548.06 21.95 388.15 131.72	292.84
22 13 16 00-0130 EA 15" Bell And Spigot Cast Iron Double Wye..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,414.95 23.05 1,383.87 138.31	307.34

MINOR	DESCRIPTION
CSI	UOM

TOTAL DIRECT	DEMOLITION
UNIT COST	UNIT COST

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0131	Bell And Spigot Cast Iron Reducing Double Wyes (22 13 16 00-0030)		
22 13 16 00-0132	EA 3" x 2" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	196.22 6.71 21.69 40.27	89.52
22 13 16 00-0133	EA 4" x 2" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	228.15 7.71 25.88 46.27	102.84
22 13 16 00-0134	EA 4" x 3" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	247.45 8.09 29.98 48.54	107.87
22 13 16 00-0135	EA 6" x 2" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	320.09 9.61 44.74 57.68	128.25
22 13 16 00-0136	EA 6" x 3" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	339.58 9.98 49.00 59.87	133.14
22 13 16 00-0137	EA 6" x 4" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	391.49 10.88 60.84 65.30	145.18
22 13 16 00-0138	EA 8" x 4" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	637.91 12.60 135.10 75.57	168.07
22 13 16 00-0139	EA 8" x 6" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	693.28 14.91 138.25 89.48	198.90
22 13 16 00-0140	EA 10" x 4" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	679.48 13.48 143.46 80.88	179.79
22 13 16 00-0141	EA 10" x 6" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	791.73 15.84 166.26 95.01	211.20
22 13 16 00-0142	EA 10" x 8" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	978.55 17.26 221.68 103.55	230.21
22 13 16 00-0143	EA 12" x 6" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	999.47 17.66 226.23 105.93	235.50
22 13 16 00-0144	EA 12" x 8" Bell And Spigot Cast Iron Reducing Double Wye For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	1,281.96 19.21 314.23 115.25	256.24
22 13 16 00-0145	Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0146	EA 2" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	180.85 5.67 23.59 34.04	75.70
22 13 16 00-0147	EA 3" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	243.63 7.59 32.13 45.55	101.26
22 13 16 00-0148	EA 4" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	318.96 9.49 45.21 56.94	126.63
22 13 16 00-0149	EA 6" Bell And Spigot Cast Iron Double Combination Wye And 1/8 Bend For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	710.23 15.49 140.15 92.94	206.63
22 13 16 00-0150	Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0030)		
22 13 16 00-0151	EA 3" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	242.64 6.81 37.29 40.83	90.80
22 13 16 00-0152	EA 4" x 2" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend For Above Ground Cast Iron Pipe Installation, Add For Extra Heavy Fittings, Add For Work In Restricted Working Space, Add	288.46 7.71 46.98 46.27	102.84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0153 EA 4" x 3" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	323.94	114.49
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.58	
<i>For Extra Heavy Fittings, Add</i>	53.32	
<i>For Work In Restricted Working Space, Add</i>	51.48	
22 13 16 00-0154 EA 6" x 4" Bell And Spigot Cast Iron Reducing Double Combination Wye And 1/8 Bend	658.58	154.12
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.56	
<i>For Extra Heavy Fittings, Add</i>	149.62	
<i>For Work In Restricted Working Space, Add</i>	69.33	
22 13 16 00-0155 Bell And Spigot Cast Iron Sanitary Tees (22 13 16 00-0030)		
22 13 16 00-0156 EA 2" Bell And Spigot Cast Iron Sanitary Tee	147.51	63.36
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.75	
<i>For Extra Heavy Fittings, Add</i>	18.39	
<i>For Work In Restricted Working Space, Add</i>	28.49	
22 13 16 00-0157 EA 3" Bell And Spigot Cast Iron Sanitary Tee	168.03	69.29
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.19	
<i>For Extra Heavy Fittings, Add</i>	22.45	
<i>For Work In Restricted Working Space, Add</i>	31.17	
22 13 16 00-0158 EA 4" Bell And Spigot Cast Iron Sanitary Tee	273.29	84.88
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.37	
<i>For Extra Heavy Fittings, Add</i>	51.09	
<i>For Work In Restricted Working Space, Add</i>	38.20	
22 13 16 00-0159 EA 5" Bell And Spigot Cast Iron Sanitary Tee	400.74	93.90
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.04	
<i>For Extra Heavy Fittings, Add</i>	90.96	
<i>For Work In Restricted Working Space, Add</i>	42.26	
22 13 16 00-0160 EA 6" Bell And Spigot Cast Iron Sanitary Tee	480.73	112.63
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.44	
<i>For Extra Heavy Fittings, Add</i>	109.15	
<i>For Work In Restricted Working Space, Add</i>	50.66	
22 13 16 00-0161 EA 8" Bell And Spigot Cast Iron Sanitary Tee	1,042.14	147.43
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.05	
<i>For Extra Heavy Fittings, Add</i>	287.39	
<i>For Work In Restricted Working Space, Add</i>	66.31	
22 13 16 00-0162 EA 10" Bell And Spigot Cast Iron Sanitary Tee	1,570.08	179.79
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.48	
<i>For Extra Heavy Fittings, Add</i>	455.17	
<i>For Work In Restricted Working Space, Add</i>	80.88	
22 13 16 00-0163 EA 12" Bell And Spigot Cast Iron Sanitary Tee	2,348.18	211.20
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	15.84	
<i>For Extra Heavy Fittings, Add</i>	711.01	
<i>For Work In Restricted Working Space, Add</i>	95.01	
22 13 16 00-0164 Bell And Spigot Cast Iron Reducing Sanitary Tees (22 13 16 00-0030)		
22 13 16 00-0165 EA 3" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	199.80	66.12
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.96	
<i>For Extra Heavy Fittings, Add</i>	35.22	
<i>For Work In Restricted Working Space, Add</i>	29.75	
22 13 16 00-0166 EA 4" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	236.66	77.47
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.81	
<i>For Extra Heavy Fittings, Add</i>	42.19	
<i>For Work In Restricted Working Space, Add</i>	34.84	
22 13 16 00-0167 EA 4" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	248.27	77.47
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.81	
<i>For Extra Heavy Fittings, Add</i>	46.25	
<i>For Work In Restricted Working Space, Add</i>	34.84	
22 13 16 00-0168 EA 6" x 2" Bell And Spigot Cast Iron Reducing Sanitary Tee	378.33	107.82
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.08	
<i>For Extra Heavy Fittings, Add</i>	75.86	
<i>For Work In Restricted Working Space, Add</i>	48.47	
22 13 16 00-0169 EA 6" x 3" Bell And Spigot Cast Iron Reducing Sanitary Tee	394.13	109.80
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.23	
<i>For Extra Heavy Fittings, Add</i>	80.31	
<i>For Work In Restricted Working Space, Add</i>	49.40	
22 13 16 00-0170 EA 6" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	427.78	117.15
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.78	
<i>For Extra Heavy Fittings, Add</i>	88.25	
<i>For Work In Restricted Working Space, Add</i>	52.69	
22 13 16 00-0171 EA 8" x 4" Bell And Spigot Cast Iron Reducing Sanitary Tee	735.15	138.50
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.38	
<i>For Extra Heavy Fittings, Add</i>	184.62	
<i>For Work In Restricted Working Space, Add</i>	62.30	
22 13 16 00-0172 EA 8" x 6" Bell And Spigot Cast Iron Reducing Sanitary Tee	924.94	154.06
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	11.55	
<i>For Extra Heavy Fittings, Add</i>	242.88	
<i>For Work In Restricted Working Space, Add</i>	69.30	
22 13 16 00-0173 Bell And Spigot Cast Iron Vent Tees (22 13 16 00-0030)		
22 13 16 00-0174 EA 2" Bell And Spigot Cast Iron Vent Tee	125.59	63.26
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.75	
<i>For Extra Heavy Fittings, Add</i>	10.74	
<i>For Work In Restricted Working Space, Add</i>	28.47	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0175	EA		3" Bell And Spigot Cast Iron Vent Tee.....	157.30	69.29
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.19	
			<i>For Extra Heavy Fittings, Add</i>	18.69	
			<i>For Work In Restricted Working Space, Add</i>	31.17	
22 13 16 00-0176	EA		4" Bell And Spigot Cast Iron Vent Tee.....	208.48	90.80
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.81	
			<i>For Extra Heavy Fittings, Add</i>	25.33	
			<i>For Work In Restricted Working Space, Add</i>	40.83	
22 13 16 00-0177	EA		5" Bell And Spigot Cast Iron Vent Tee.....	267.62	106.51
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.98	
			<i>For Extra Heavy Fittings, Add</i>	37.80	
			<i>For Work In Restricted Working Space, Add</i>	47.89	
22 13 16 00-0178	EA		6" Bell And Spigot Cast Iron Vent Tee.....	337.15	132.10
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.90	
			<i>For Extra Heavy Fittings, Add</i>	48.69	
			<i>For Work In Restricted Working Space, Add</i>	59.41	
22 13 16 00-0179	EA		8" Bell And Spigot Cast Iron Vent Tee.....	584.20	173.74
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.02	
			<i>For Extra Heavy Fittings, Add</i>	113.31	
			<i>For Work In Restricted Working Space, Add</i>	78.14	
22 13 16 00-0180			Bell And Spigot Cast Iron Tapped Sanitary Tees (22 13 16 00-0030)		
22 13 16 00-0181	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Tee.....	129.18	63.26
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.75	
			<i>For Extra Heavy Fittings, Add</i>	12.00	
			<i>For Work In Restricted Working Space, Add</i>	28.47	
22 13 16 00-0182	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Tee.....	142.65	69.29
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.19	
			<i>For Extra Heavy Fittings, Add</i>	13.57	
			<i>For Work In Restricted Working Space, Add</i>	31.17	
22 13 16 00-0183	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Tee.....	183.87	90.80
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.81	
			<i>For Extra Heavy Fittings, Add</i>	16.72	
			<i>For Work In Restricted Working Space, Add</i>	40.83	
22 13 16 00-0184			Bell And Spigot Cast Iron Tapped Sanitary Crosses (22 13 16 00-0030)		
22 13 16 00-0185	EA		2" Bell And Spigot Cast Iron Tapped Sanitary Cross.....	131.45	63.26
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.75	
			<i>For Extra Heavy Fittings, Add</i>	12.79	
			<i>For Work In Restricted Working Space, Add</i>	28.47	
22 13 16 00-0186	EA		3" Bell And Spigot Cast Iron Tapped Sanitary Cross.....	146.96	69.29
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.19	
			<i>For Extra Heavy Fittings, Add</i>	15.07	
			<i>For Work In Restricted Working Space, Add</i>	31.17	
22 13 16 00-0187	EA		4" Bell And Spigot Cast Iron Tapped Sanitary Cross.....	194.71	90.80
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.81	
			<i>For Extra Heavy Fittings, Add</i>	20.51	
			<i>For Work In Restricted Working Space, Add</i>	40.83	
22 13 16 00-0188			Bell And Spigot Cast Iron Reducers (22 13 16 00-0030)		
22 13 16 00-0189	EA		3" x 2" Bell And Spigot Cast Iron Reducer.....	72.76	35.63
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.67	
			<i>For Extra Heavy Fittings, Add</i>	6.79	
			<i>For Work In Restricted Working Space, Add</i>	16.01	
22 13 16 00-0190	EA		4" x 2" Bell And Spigot Cast Iron Reducer.....	90.79	46.98
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.53	
			<i>For Extra Heavy Fittings, Add</i>	7.10	
			<i>For Work In Restricted Working Space, Add</i>	21.15	
22 13 16 00-0191	EA		4" x 3" Bell And Spigot Cast Iron Reducer.....	97.38	47.37
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.55	
			<i>For Extra Heavy Fittings, Add</i>	9.23	
			<i>For Work In Restricted Working Space, Add</i>	21.30	
22 13 16 00-0192	EA		6" x 2" Bell And Spigot Cast Iron Reducer.....	123.85	57.02
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.28	
			<i>For Extra Heavy Fittings, Add</i>	13.41	
			<i>For Work In Restricted Working Space, Add</i>	25.66	
22 13 16 00-0193	EA		6" x 3" Bell And Spigot Cast Iron Reducer.....	129.73	57.78
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.33	
			<i>For Extra Heavy Fittings, Add</i>	15.07	
			<i>For Work In Restricted Working Space, Add</i>	26.00	
22 13 16 00-0194	EA		6" x 4" Bell And Spigot Cast Iron Reducer.....	133.97	59.00
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.42	
			<i>For Extra Heavy Fittings, Add</i>	15.95	
			<i>For Work In Restricted Working Space, Add</i>	26.52	
22 13 16 00-0195	EA		8" x 2" Bell And Spigot Cast Iron Reducer.....	175.24	60.78
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.56	
			<i>For Extra Heavy Fittings, Add</i>	29.44	
			<i>For Work In Restricted Working Space, Add</i>	27.34	
22 13 16 00-0196	EA		8" x 3" Bell And Spigot Cast Iron Reducer.....	197.15	74.81
			<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.61	
			<i>For Extra Heavy Fittings, Add</i>	29.75	
			<i>For Work In Restricted Working Space, Add</i>	33.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0197 EA 8" x 4" Bell And Spigot Cast Iron Reducer.....	202.34	76.74
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	5.75	
<i>For Extra Heavy Fittings, Add</i>	30.54	
<i>For Work In Restricted Working Space, Add</i>	34.53	
22 13 16 00-0198 EA 8" x 6" Bell And Spigot Cast Iron Reducer.....	208.91	80.10
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.00	
<i>For Extra Heavy Fittings, Add</i>	31.10	
<i>For Work In Restricted Working Space, Add</i>	36.02	
22 13 16 00-0199 EA 10" x 4" Bell And Spigot Cast Iron Reducer.....	261.97	89.90
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.74	
<i>For Extra Heavy Fittings, Add</i>	44.51	
<i>For Work In Restricted Working Space, Add</i>	40.44	
22 13 16 00-0200 EA 10" x 6" Bell And Spigot Cast Iron Reducer.....	276.25	94.41
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.08	
<i>For Extra Heavy Fittings, Add</i>	47.12	
<i>For Work In Restricted Working Space, Add</i>	42.48	
22 13 16 00-0201 EA 10" x 8" Bell And Spigot Cast Iron Reducer.....	294.56	98.54
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.39	
<i>For Extra Heavy Fittings, Add</i>	51.38	
<i>For Work In Restricted Working Space, Add</i>	44.33	
22 13 16 00-0202 EA 12" x 4" Bell And Spigot Cast Iron Reducer.....	367.69	106.80
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	8.00	
<i>For Extra Heavy Fittings, Add</i>	72.67	
<i>For Work In Restricted Working Space, Add</i>	48.02	
22 13 16 00-0203 EA 12" x 6" Bell And Spigot Cast Iron Reducer.....	409.46	124.95
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	9.37	
<i>For Extra Heavy Fittings, Add</i>	77.72	
<i>For Work In Restricted Working Space, Add</i>	56.22	
22 13 16 00-0204 EA 12" x 8" Bell And Spigot Cast Iron Reducer.....	442.07	142.33
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	10.67	
<i>For Extra Heavy Fittings, Add</i>	80.02	
<i>For Work In Restricted Working Space, Add</i>	64.03	
22 13 16 00-0205 EA 12" x 10" Bell And Spigot Cast Iron Reducer.....	483.44	163.94
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.29	
<i>For Extra Heavy Fittings, Add</i>	83.18	
<i>For Work In Restricted Working Space, Add</i>	73.74	
22 13 16 00-0206 EA 15" x 6" Bell And Spigot Cast Iron Reducer.....	637.21	163.94
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	12.29	
<i>For Extra Heavy Fittings, Add</i>	137.00	
<i>For Work In Restricted Working Space, Add</i>	73.74	
22 13 16 00-0207 EA 15" x 8" Bell And Spigot Cast Iron Reducer.....	677.77	176.72
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.25	
<i>For Extra Heavy Fittings, Add</i>	144.49	
<i>For Work In Restricted Working Space, Add</i>	79.49	
22 13 16 00-0208 EA 15" x 10" Bell And Spigot Cast Iron Reducer.....	705.49	186.32
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	13.97	
<i>For Extra Heavy Fittings, Add</i>	149.13	
<i>For Work In Restricted Working Space, Add</i>	83.82	
22 13 16 00-0209 EA 15" x 12" Bell And Spigot Cast Iron Reducer.....	743.10	198.90
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	14.91	
<i>For Extra Heavy Fittings, Add</i>	155.69	
<i>For Work In Restricted Working Space, Add</i>	89.48	
22 13 16 00-0210 Bell And Spigot Cast Iron P-Traps (22 13 16 00-0030)		
22 13 16 00-0211 EA 2" Bell And Spigot Cast Iron P-Trap.....	75.63	28.32
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.12	
<i>For Extra Heavy Fittings, Add</i>	11.61	
<i>For Work In Restricted Working Space, Add</i>	12.74	
22 13 16 00-0212 EA 3" Bell And Spigot Cast Iron P-Trap.....	101.62	35.63
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	2.67	
<i>For Extra Heavy Fittings, Add</i>	16.89	
<i>For Work In Restricted Working Space, Add</i>	16.01	
22 13 16 00-0213 EA 4" Bell And Spigot Cast Iron P-Trap.....	138.62	47.37
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.55	
<i>For Extra Heavy Fittings, Add</i>	23.67	
<i>For Work In Restricted Working Space, Add</i>	21.30	
22 13 16 00-0214 EA 5" Bell And Spigot Cast Iron P-Trap.....	224.09	52.78
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	3.96	
<i>For Extra Heavy Fittings, Add</i>	50.74	
<i>For Work In Restricted Working Space, Add</i>	23.73	
22 13 16 00-0215 EA 6" Bell And Spigot Cast Iron P-Trap.....	301.87	62.09
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	4.65	
<i>For Extra Heavy Fittings, Add</i>	73.08	
<i>For Work In Restricted Working Space, Add</i>	27.92	
22 13 16 00-0216 EA 8" Bell And Spigot Cast Iron P-Trap.....	677.40	80.10
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	6.00	
<i>For Extra Heavy Fittings, Add</i>	195.07	
<i>For Work In Restricted Working Space, Add</i>	36.02	
22 13 16 00-0217 EA 10" Bell And Spigot Cast Iron P-Trap.....	749.90	98.54
<i>For Above Ground Cast Iron Pipe Installation, Add</i>	7.39	
<i>For Extra Heavy Fittings, Add</i>	210.75	
<i>For Work In Restricted Working Space, Add</i>	44.33	
22 13 16 00-0218 Bell And Spigot Cast Iron Deep Seal P-Traps (22 13 16 00-0030)		

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0219	EA		2" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	88.23 2.12 16.02 12.74	28.32
22 13 16 00-0220	EA		3" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	126.39 2.67 25.56 16.01	35.63
22 13 16 00-0221	EA		4" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	184.68 3.55 39.79 21.30	47.37
22 13 16 00-0222	EA		5" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	306.21 4.42 76.23 26.52	59.00
22 13 16 00-0223	EA		6" Bell And Spigot Cast Iron Deep Seal P-Trap <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Extra Heavy Fittings, Add</i> <i>For Work In Restricted Working Space, Add</i>	324.59 4.93 79.08 29.60	65.77
22 13 16 00-0224			Bell And Spigot Cast Iron Running Traps With Single Vent (22 13 16 00-0030)		
22 13 16 00-0225	EA		3" x 3" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	202.99 5.19 31.17	68.40
22 13 16 00-0226	EA		4" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	270.99 6.81 40.83	89.91
22 13 16 00-0227	EA		5" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	369.68 7.75 46.47	102.47
22 13 16 00-0228	EA		6" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	753.79 8.78 52.69	116.11
22 13 16 00-0229	EA		8" x 4" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,502.93 10.38 62.30	136.95
22 13 16 00-0230	EA		8" x 6" Bell And Spigot Cast Iron Running Trap With Single Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,709.55 11.55 69.30	152.81
22 13 16 00-0231			Bell And Spigot Cast Running Traps With Double Vent (22 13 16 00-0030)		
22 13 16 00-0232	EA		3" x 3" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	258.82 7.15 42.91	94.46
22 13 16 00-0233	EA		4" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	354.70 9.05 54.31	119.22
22 13 16 00-0234	EA		6" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	838.50 10.88 65.30	143.49
22 13 16 00-0235	EA		6" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	971.67 13.16 78.96	173.69
22 13 16 00-0236	EA		8" x 4" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,693.53 12.60 75.57	166.06
22 13 16 00-0237	EA		8" x 6" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,953.93 14.91 89.48	197.18
22 13 16 00-0238	EA		10" x 8" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,933.03 17.26 103.55	227.53
22 13 16 00-0239	EA		12" x 10" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,450.11 19.93 119.55	263.06
22 13 16 00-0240	EA		15" x 12" Bell And Spigot Cast Iron Running Trap With Double Vent <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	10,635.24 23.06 138.36	304.27
22 13 16 00-0241			Bell And Spigot Cast Iron Scission Joint Fittings (22 13 16 00-0030)		
22 13 16 00-0242	EA		2" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	160.76 2.12 12.70	
22 13 16 00-0243	EA		3" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	222.78 2.38 14.27	
22 13 16 00-0244	EA		4" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	256.41 3.19 19.12	
22 13 16 00-0245	EA		5" Bell And Spigot Cast Iron Scission Joint Fitting <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	317.09 3.70 22.21	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 16 00-0246	EA		6" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	385.12 4.47 26.83	
	22 13 16 00-0247	EA		8" Bell And Spigot Cast Iron Scission Joint Fitting..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	734.87 5.65 33.90	
22 13 16 00-0248				Cut And Prepare Existing In-Place Cast Iron Pipe (22 13 16 00-0019) Note: For use when connecting pipe to an existing in-place system.		
	22 13 16 00-0249	EA		2", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	11.79 0.59 3.54	
	22 13 16 00-0250	EA		3", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	12.87 0.64 3.86	
	22 13 16 00-0251	EA		4", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	16.08 0.80 4.82	
	22 13 16 00-0252	EA		6", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.29 0.96 5.79	
	22 13 16 00-0253	EA		8", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.72 1.29 7.72	
	22 13 16 00-0254	EA		10", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	30.01 1.50 9.00	
	22 13 16 00-0255	EA		12", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	35.36 1.77 10.61	
	22 13 16 00-0256	EA		15", Cut And Prepare Existing In-Place Cast Iron Pipe..... <i>For Above Ground Cast Iron Pipe Installation, Add</i> <i>For Work In Restricted Working Space, Add</i>	40.72 2.04 12.22	
22 13 16 00-0257				Joint Material (22 13 16 00-0019) Note: Labor costs are included in the installation costs for fittings.		
	22 13 16 00-0258	LB		Lead (1 LB/Diameter Inch) Joint Material.....	7.19	
	22 13 16 00-0259	LB		Oakum (1/8 LB/Diameter Inch) Joint Material.....	15.45	
	22 13 16 00-0260	EA		2" Dual Tite Rubber Gasket.....	3.17	
	22 13 16 00-0261	EA		3" Dual Tite Rubber Gasket.....	4.34	
	22 13 16 00-0262	EA		4" Dual Tite Rubber Gasket.....	5.40	
	22 13 16 00-0263	EA		6" Dual Tite Rubber Gasket.....	8.95	
	22 13 16 00-0264	EA		8" Dual Tite Rubber Gasket.....	19.74	
	22 13 16 00-0265	EA		10" Dual Tite Rubber Gasket.....	30.27	
	22 13 16 00-0266	EA		12" Dual Tite Rubber Gasket.....	38.57	
	22 13 16 00-0267	EA		15" Dual Tite Rubber Gasket.....	45.81	
22 13 16 00-0268				No Hub Cast Iron Soil Pipe And Fittings (22 13 16) Note: Service Weight. Excludes hangers.		
22 13 16 00-0269				No Hub Cast Iron Pipe (22 13 16 00-0268) Note: Excludes couplings.		
	22 13 16 00-0270	LF		1-1/2" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	17.65 2.67 0.44	5.93
	22 13 16 00-0271	LF		2" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	18.73 2.86 0.48	6.32
	22 13 16 00-0272	LF		3" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	26.53 4.14 0.69	9.18
	22 13 16 00-0273	LF		4" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	34.42 5.38 0.90	11.94
	22 13 16 00-0274	LF		5" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	44.54 6.48 1.08	14.40
	22 13 16 00-0275	LF		6" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	51.91 7.06 1.18	15.71
	22 13 16 00-0276	LF		8" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	79.24 10.13 1.69	22.57
	22 13 16 00-0277	LF		10" No Hub Cast Iron Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	113.81 11.53 1.92	25.65
22 13 16 00-0278				No Hub Cast Iron Fittings (22 13 16 00-0268)		
22 13 16 00-0279				No Hub Cast Iron Long Sweeps (22 13 16 00-0278)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0280	EA	1-1/2"	No Hub Cast Iron Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	59.17 12.08 2.01	26.84
22 13 16 00-0281	EA	2"	No Hub Cast Iron Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	61.36 12.60 2.10	28.03
22 13 16 00-0282	EA	3"	No Hub Cast Iron Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	72.40 14.44 2.41	32.07
22 13 16 00-0283	EA	4"	No Hub Cast Iron Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	99.83 19.10 3.18	42.44
22 13 16 00-0284	EA	5"	No Hub Cast Iron Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	137.79 21.36 3.56	47.51
22 13 16 00-0285	EA	6"	No Hub Cast Iron Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	163.46 25.50 4.25	56.65
22 13 16 00-0286	EA	8"	No Hub Cast Iron Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	324.31 32.93 5.49	73.19
22 13 16 00-0287 No Hub Cast Iron Reducing Long Sweeps (22 13 16 00-0278)					
22 13 16 00-0288	EA	3" x 2"	No Hub Cast Iron Reducing Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	92.39 14.44 2.41	32.07
22 13 16 00-0289	EA	4" x 3"	No Hub Cast Iron Reducing Long Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	137.92 19.10 3.18	42.44
22 13 16 00-0290 No Hub Cast Iron Short Sweeps (22 13 16 00-0278)					
22 13 16 00-0291	EA	2"	No Hub Cast Iron Short Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	57.34 12.60 2.10	28.03
22 13 16 00-0292	EA	3"	No Hub Cast Iron Short Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	69.22 14.44 2.41	32.07
22 13 16 00-0293	EA	4"	No Hub Cast Iron Short Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	98.16 19.10 3.18	42.44
22 13 16 00-0294	EA	5"	No Hub Cast Iron Short Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	138.41 21.36 3.56	47.51
22 13 16 00-0295	EA	6"	No Hub Cast Iron Short Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	153.71 25.50 4.25	56.65
22 13 16 00-0296	EA	8"	No Hub Cast Iron Short Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	294.83 32.93 5.49	73.19
22 13 16 00-0297	EA	10"	No Hub Cast Iron Short Sweep <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	479.20 46.10 7.68	102.48
22 13 16 00-0298 No Hub Cast Iron 1/4 Bends (22 13 16 00-0278)					
22 13 16 00-0299	EA	1-1/2"	No Hub Cast Iron 1/4 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	52.19 12.09 2.01	26.84
22 13 16 00-0300	EA	2"	No Hub Cast Iron 1/4 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	54.57 12.60 2.10	28.03
22 13 16 00-0301	EA	3"	No Hub Cast Iron 1/4 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	64.73 14.44 2.41	32.07
22 13 16 00-0302	EA	4"	No Hub Cast Iron 1/4 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	88.25 19.10 3.18	42.44
22 13 16 00-0303	EA	5"	No Hub Cast Iron 1/4 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	126.10 21.36 3.56	47.51
22 13 16 00-0304	EA	6"	No Hub Cast Iron 1/4 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	145.83 25.50 4.25	56.65
22 13 16 00-0305	EA	8"	No Hub Cast Iron 1/4 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	271.87 32.93 5.49	73.19
22 13 16 00-0306 No Hub Cast Iron 1/8 Bends (22 13 16 00-0278)					
22 13 16 00-0307	EA	1-1/2"	No Hub Cast Iron 1/8 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	49.63 12.09 2.01	26.84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0308 EA 2" No Hub Cast Iron 1/8 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	51.55 12.60 2.10	28.03
22 13 16 00-0309 EA 3" No Hub Cast Iron 1/8 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	61.76 14.44 2.41	32.07
22 13 16 00-0310 EA 4" No Hub Cast Iron 1/8 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	81.57 19.10 3.18	42.44
22 13 16 00-0311 EA 6" No Hub Cast Iron 1/8 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	134.84 28.20 4.70	62.68
22 13 16 00-0312 EA 8" No Hub Cast Iron 1/8 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	232.12 37.01 6.17	82.31
22 13 16 00-0313 EA 10" No Hub Cast Iron 1/8 Bend <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	356.95 45.55 7.59	101.26
22 13 16 00-0314 No Hub Cast Iron Wyes (22 13 16 00-0278)		
22 13 16 00-0315 EA 1-1/2" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	79.86 18.98 3.16	42.24
22 13 16 00-0316 EA 2" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	102.63 25.75 4.29	57.24
22 13 16 00-0317 EA 3" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	116.95 28.20 4.70	62.68
22 13 16 00-0318 EA 4" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	160.63 37.01 6.17	82.31
22 13 16 00-0319 EA 5" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	219.27 41.60 6.93	92.49
22 13 16 00-0320 EA 6" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	260.19 49.40 8.23	109.80
22 13 16 00-0321 EA 8" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	443.99 65.86 10.98	146.47
22 13 16 00-0322 EA 10" No Hub Cast Iron Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	729.94 73.18 12.20	162.69
22 13 16 00-0323 No Hub Cast Iron Reducing Wyes (22 13 16 00-0278)		
22 13 16 00-0324 EA 3" x 1-1/2" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	100.02 24.57 4.10	54.68
22 13 16 00-0325 EA 3" x 2" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	112.10 28.20 4.70	62.68
22 13 16 00-0326 EA 4" x 2" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	127.06 31.17 5.19	69.29
22 13 16 00-0327 EA 4" x 3" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	146.47 34.63 5.77	76.99
22 13 16 00-0328 EA 6" x 2" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	191.63 42.04 7.01	93.43
22 13 16 00-0329 EA 6" x 3" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	204.44 43.91 7.32	97.66
22 13 16 00-0330 EA 6" x 4" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	234.68 51.32 8.55	114.13
22 13 16 00-0331 EA 8" x 4" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	301.17 51.80 8.63	115.15
22 13 16 00-0332 EA 8" x 6" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	348.43 56.91 9.49	126.58
22 13 16 00-0333 EA 10" x 4" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	538.31 60.66 10.11	134.85
22 13 16 00-0334 EA 10" x 6" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	568.11 64.93 10.82	144.35
22 13 16 00-0335 EA 10" x 8" No Hub Cast Iron Reducing Wye <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	653.40 69.32 11.55	154.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0336			No Hub Cast Iron Combination Wye And 1/8 Bends <small>(22 13 16 00-0278)</small>		
22 13 16 00-0337	EA		1-1/2" No Hub Cast Iron Combination Wye And 1/8 Bend	90.45	49.15
			<i>For Work In Restricted Working Space, Add</i>	22.10	
			<i>For Below Ground Installation, Add</i>	3.68	
22 13 16 00-0338	EA		2" No Hub Cast Iron Combination Wye And 1/8 Bend	103.31	57.24
			<i>For Work In Restricted Working Space, Add</i>	25.75	
			<i>For Below Ground Installation, Add</i>	4.29	
22 13 16 00-0339	EA		3" No Hub Cast Iron Combination Wye And 1/8 Bend	122.06	62.68
			<i>For Work In Restricted Working Space, Add</i>	28.20	
			<i>For Below Ground Installation, Add</i>	4.70	
22 13 16 00-0340	EA		4" No Hub Cast Iron Combination Wye And 1/8 Bend	175.09	82.31
			<i>For Work In Restricted Working Space, Add</i>	37.01	
			<i>For Below Ground Installation, Add</i>	6.17	
22 13 16 00-0341	EA		6" No Hub Cast Iron Combination Wye And 1/8 Bend	319.98	126.63
			<i>For Work In Restricted Working Space, Add</i>	56.94	
			<i>For Below Ground Installation, Add</i>	9.49	
22 13 16 00-0342	EA		8" No Hub Cast Iron Combination Wye And 1/8 Bend	570.20	162.45
			<i>For Work In Restricted Working Space, Add</i>	73.07	
			<i>For Below Ground Installation, Add</i>	12.18	
22 13 16 00-0343	EA		10" No Hub Cast Iron Combination Wye And 1/8 Bend	669.49	196.41
			<i>For Work In Restricted Working Space, Add</i>	88.34	
			<i>For Below Ground Installation, Add</i>	14.72	
22 13 16 00-0344			No Hub Cast Iron Reducing Combination Wye And 1/8 Bends <small>(22 13 16 00-0278)</small>		
22 13 16 00-0345	EA		2" x 1-1/2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	104.14	57.24
			<i>For Work In Restricted Working Space, Add</i>	25.75	
			<i>For Below Ground Installation, Add</i>	4.29	
22 13 16 00-0346	EA		3" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	114.65	62.68
			<i>For Work In Restricted Working Space, Add</i>	28.20	
			<i>For Below Ground Installation, Add</i>	4.70	
22 13 16 00-0347	EA		4" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	132.17	69.29
			<i>For Work In Restricted Working Space, Add</i>	31.17	
			<i>For Below Ground Installation, Add</i>	5.19	
22 13 16 00-0348	EA		4" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	151.43	76.99
			<i>For Work In Restricted Working Space, Add</i>	34.63	
			<i>For Below Ground Installation, Add</i>	5.77	
22 13 16 00-0349	EA		6" x 2" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	206.50	93.43
			<i>For Work In Restricted Working Space, Add</i>	42.04	
			<i>For Below Ground Installation, Add</i>	7.01	
22 13 16 00-0350	EA		6" x 3" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	230.43	97.66
			<i>For Work In Restricted Working Space, Add</i>	43.91	
			<i>For Below Ground Installation, Add</i>	7.32	
22 13 16 00-0351	EA		6" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	257.43	114.13
			<i>For Work In Restricted Working Space, Add</i>	51.32	
			<i>For Below Ground Installation, Add</i>	8.55	
22 13 16 00-0352	EA		8" x 4" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	343.69	115.15
			<i>For Work In Restricted Working Space, Add</i>	51.80	
			<i>For Below Ground Installation, Add</i>	8.63	
22 13 16 00-0353	EA		8" x 6" No Hub Cast Iron Reducing Combination Wye And 1/8 Bend	445.64	126.58
			<i>For Work In Restricted Working Space, Add</i>	56.91	
			<i>For Below Ground Installation, Add</i>	9.49	
22 13 16 00-0354			No Hub Cast Iron Double Wyes <small>(22 13 16 00-0278)</small>		
22 13 16 00-0355	EA		2" No Hub Cast Iron Double Wye	130.13	71.16
			<i>For Work In Restricted Working Space, Add</i>	32.01	
			<i>For Below Ground Installation, Add</i>	5.34	
22 13 16 00-0356	EA		3" No Hub Cast Iron Double Wye	173.07	86.66
			<i>For Work In Restricted Working Space, Add</i>	38.96	
			<i>For Below Ground Installation, Add</i>	6.49	
22 13 16 00-0357	EA		4" No Hub Cast Iron Double Wye	230.92	94.75
			<i>For Work In Restricted Working Space, Add</i>	42.60	
			<i>For Below Ground Installation, Add</i>	7.10	
22 13 16 00-0358	EA		6" No Hub Cast Iron Double Wye	360.63	138.41
			<i>For Work In Restricted Working Space, Add</i>	62.23	
			<i>For Below Ground Installation, Add</i>	10.37	
22 13 16 00-0359	EA		8" No Hub Cast Iron Double Wye	694.25	186.32
			<i>For Work In Restricted Working Space, Add</i>	83.82	
			<i>For Below Ground Installation, Add</i>	13.97	
22 13 16 00-0360			No Hub Cast Iron Reducing Double Wyes <small>(22 13 16 00-0278)</small>		
22 13 16 00-0361	EA		3" x 2" No Hub Cast Iron Double Wye	155.25	78.86
			<i>For Work In Restricted Working Space, Add</i>	35.46	
			<i>For Below Ground Installation, Add</i>	5.91	
22 13 16 00-0362	EA		4" x 2" No Hub Cast Iron Double Wye	185.92	90.80
			<i>For Work In Restricted Working Space, Add</i>	40.84	
			<i>For Below Ground Installation, Add</i>	6.81	
22 13 16 00-0363	EA		4" x 3" No Hub Cast Iron Double Wye	204.55	98.99
			<i>For Work In Restricted Working Space, Add</i>	44.52	
			<i>For Below Ground Installation, Add</i>	7.42	
22 13 16 00-0364	EA		6" x 4" No Hub Cast Iron Double Wye	307.18	122.04
			<i>For Work In Restricted Working Space, Add</i>	54.89	
			<i>For Below Ground Installation, Add</i>	9.15	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 16 00-0365			No Hub Cast Iron Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
	22 13 16 00-0366	EA		2" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	169.24	85.48
				<i>For Work In Restricted Working Space, Add</i>	38.45	
				<i>For Below Ground Installation, Add</i>	6.41	
	22 13 16 00-0367	EA		3" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	205.61	94.75
				<i>For Work In Restricted Working Space, Add</i>	42.60	
				<i>For Below Ground Installation, Add</i>	7.10	
	22 13 16 00-0368	EA		4" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	309.47	125.44
				<i>For Work In Restricted Working Space, Add</i>	56.40	
				<i>For Below Ground Installation, Add</i>	9.40	
	22 13 16 00-0369	EA		6" No Hub Cast Iron Double Combination Wye And 1/8 Bend.....	432.11	193.64
				<i>For Work In Restricted Working Space, Add</i>	87.09	
				<i>For Below Ground Installation, Add</i>	14.51	
	22 13 16 00-0370			No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bends (22 13 16 00-0278)		
	22 13 16 00-0371	EA		3" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	157.91	73.53
				<i>For Work In Restricted Working Space, Add</i>	33.08	
				<i>For Below Ground Installation, Add</i>	5.51	
	22 13 16 00-0372	EA		4" x 2" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	183.07	85.48
				<i>For Work In Restricted Working Space, Add</i>	38.45	
				<i>For Below Ground Installation, Add</i>	6.41	
	22 13 16 00-0373	EA		4" x 3" No Hub Cast Iron Reducing Double Combination Wye And 1/8 Bend	219.78	93.37
				<i>For Work In Restricted Working Space, Add</i>	42.00	
				<i>For Below Ground Installation, Add</i>	7.00	
	22 13 16 00-0374			No Hub Cast Iron Sanitary Tees (22 13 16 00-0278)		
	22 13 16 00-0375	EA		1-1/2" No Hub Cast Iron Sanitary Tee	77.83	41.36
				<i>For Work In Restricted Working Space, Add</i>	18.62	
				<i>For Below Ground Installation, Add</i>	3.10	
	22 13 16 00-0376	EA		2" No Hub Cast Iron Sanitary Tee	103.47	57.24
				<i>For Work In Restricted Working Space, Add</i>	25.75	
				<i>For Below Ground Installation, Add</i>	4.29	
	22 13 16 00-0377	EA		3" No Hub Cast Iron Sanitary Tee	115.07	62.68
				<i>For Work In Restricted Working Space, Add</i>	28.20	
				<i>For Below Ground Installation, Add</i>	4.70	
	22 13 16 00-0378	EA		4" No Hub Cast Iron Sanitary Tee	156.36	82.31
				<i>For Work In Restricted Working Space, Add</i>	37.01	
				<i>For Below Ground Installation, Add</i>	6.17	
	22 13 16 00-0379	EA		5" No Hub Cast Iron Sanitary Tee	220.16	92.49
				<i>For Work In Restricted Working Space, Add</i>	41.60	
				<i>For Below Ground Installation, Add</i>	6.93	
	22 13 16 00-0380	EA		6" No Hub Cast Iron Sanitary Tee	259.57	109.80
				<i>For Work In Restricted Working Space, Add</i>	49.40	
				<i>For Below Ground Installation, Add</i>	8.23	
	22 13 16 00-0381	EA		8" No Hub Cast Iron Sanitary Tee	496.74	146.47
				<i>For Work In Restricted Working Space, Add</i>	65.86	
				<i>For Below Ground Installation, Add</i>	10.98	
	22 13 16 00-0382			No Hub Cast Iron Reducing Sanitary Tees (22 13 16 00-0278)		
	22 13 16 00-0383	EA		2" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	87.63	46.68
				<i>For Work In Restricted Working Space, Add</i>	21.00	
				<i>For Below Ground Installation, Add</i>	3.50	
	22 13 16 00-0384	EA		3" x 1-1/2" No Hub Cast Iron Reducing Sanitary Tee	101.48	54.68
				<i>For Work In Restricted Working Space, Add</i>	24.57	
				<i>For Below Ground Installation, Add</i>	4.10	
	22 13 16 00-0385	EA		3" x 2" No Hub Cast Iron Reducing Sanitary Tee	105.40	57.24
				<i>For Work In Restricted Working Space, Add</i>	25.75	
				<i>For Below Ground Installation, Add</i>	4.29	
	22 13 16 00-0386	EA		3" x 4" No Hub Cast Iron Reducing Sanitary Tee	125.59	57.24
				<i>For Work In Restricted Working Space, Add</i>	25.75	
				<i>For Below Ground Installation, Add</i>	4.29	
	22 13 16 00-0387	EA		4" x 2" No Hub Cast Iron Reducing Sanitary Tee	141.22	77.47
				<i>For Work In Restricted Working Space, Add</i>	34.84	
				<i>For Below Ground Installation, Add</i>	5.81	
	22 13 16 00-0388	EA		4" x 3" No Hub Cast Iron Reducing Sanitary Tee	146.12	77.47
				<i>For Work In Restricted Working Space, Add</i>	34.84	
				<i>For Below Ground Installation, Add</i>	5.81	
	22 13 16 00-0389	EA		5" x 2" No Hub Cast Iron Reducing Sanitary Tee	190.01	87.88
				<i>For Work In Restricted Working Space, Add</i>	39.52	
				<i>For Below Ground Installation, Add</i>	6.59	
	22 13 16 00-0390	EA		5" x 3" No Hub Cast Iron Reducing Sanitary Tee	196.85	87.88
				<i>For Work In Restricted Working Space, Add</i>	39.52	
				<i>For Below Ground Installation, Add</i>	6.59	
	22 13 16 00-0391	EA		5" x 4" No Hub Cast Iron Reducing Sanitary Tee	197.68	87.88
				<i>For Work In Restricted Working Space, Add</i>	39.52	
				<i>For Below Ground Installation, Add</i>	6.59	
	22 13 16 00-0392	EA		6" x 4" No Hub Cast Iron Reducing Sanitary Tee	205.10	91.55
				<i>For Work In Restricted Working Space, Add</i>	41.17	
				<i>For Below Ground Installation, Add</i>	6.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0393	EA		8" x 6" No Hub Cast Iron Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	391.71 55.54 9.26	123.52
22 13 16 00-0394			No Hub Cast Iron Sanitary Tapped Tees (22 13 16 00-0278)		
22 13 16 00-0395	EA		2" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	59.69 12.60 2.10	28.03
22 13 16 00-0396	EA		3" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	69.38 14.44 2.41	32.07
22 13 16 00-0397	EA		4" x 1-1/2 Or 1-1/4" No Hub Cast Iron Sanitary Tapped Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	85.38 19.10 3.18	42.44
22 13 16 00-0398			No Hub Cast Iron Cleanout Tees (22 13 16 00-0278)		
22 13 16 00-0399	EA		2" No Hub Cast Iron Cleanout Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	56.61 12.60 2.10	28.03
22 13 16 00-0400	EA		3" No Hub Cast Iron Cleanout Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	71.62 14.44 2.41	32.07
22 13 16 00-0401	EA		4" No Hub Cast Iron Cleanout Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	104.94 19.10 3.18	42.44
22 13 16 00-0402	EA		6" No Hub Cast Iron Cleanout Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	174.50 28.20 4.70	62.68
22 13 16 00-0403			No Hub Cast Iron Two-Way Cleanout Tees (22 13 16 00-0278)		
22 13 16 00-0404	EA		4" No Hub Cast Iron Single Two-Way Cleanout Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	241.23 37.01 6.17	82.31
22 13 16 00-0405	EA		4" No Hub Cast Iron Double Two-Way Cleanout Tee <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	296.95 56.26 9.38	125.05
22 13 16 00-0406			No Hub Cast Iron Cleanout Plugs (22 13 16 00-0278)		
22 13 16 00-0407	EA		2" No Hub Cast Iron Cleanout Plug <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	48.21 12.60 2.10	28.03
22 13 16 00-0408	EA		3" No Hub Cast Iron Cleanout Plug <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	57.90 14.44 2.41	32.07
22 13 16 00-0409	EA		4" No Hub Cast Iron Cleanout Plug <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	82.19 19.10 3.18	42.44
22 13 16 00-0410	EA		6" No Hub Cast Iron Cleanout Plug <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	128.58 28.20 4.70	62.68
22 13 16 00-0411	EA		8" No Hub Cast Iron Cleanout Plug <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	170.91 37.01 6.17	82.31
22 13 16 00-0412			No Hub Cast Iron Sanitary Crosses (22 13 16 00-0278)		
22 13 16 00-0413	EA		1-1/2" No Hub Cast Iron Sanitary Cross <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	104.23 24.88 4.15	55.27
22 13 16 00-0414	EA		2" No Hub Cast Iron Sanitary Cross <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	112.44 25.75 4.29	57.24
22 13 16 00-0415	EA		3" No Hub Cast Iron Sanitary Cross <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	135.89 28.20 4.70	62.68
22 13 16 00-0416	EA		4" No Hub Cast Iron Sanitary Cross <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	202.11 37.01 6.17	82.31
22 13 16 00-0417			No Hub Cast Iron Reducing Sanitary Crosses (22 13 16 00-0278)		
22 13 16 00-0418	EA		3" x 2" No Hub Cast Iron Sanitary Cross <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	147.92 33.08 5.51	73.53
22 13 16 00-0419	EA		4" x 2" No Hub Cast Iron Sanitary Cross <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	166.72 34.05 5.68	75.70
22 13 16 00-0420	EA		4" x 3" No Hub Cast Iron Sanitary Cross <i>For Work In Restricted Working Space, Add</i> <i>For Below Ground Installation, Add</i>	182.69 35.54 5.92	79.06

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0421 No Hub Cast Iron Reducers (22 13 16 00-0278)						
	22 13 16 00-0422	EA		3" x 2" No Hub Cast Iron Reducer	94.75	57.24
				<i>For Work In Restricted Working Space, Add</i>	25.75	
				<i>For Below Ground Installation, Add</i>	4.29	
	22 13 16 00-0423	EA		4" x 2" No Hub Cast Iron Reducer	129.74	77.47
				<i>For Work In Restricted Working Space, Add</i>	34.84	
				<i>For Below Ground Installation, Add</i>	5.81	
	22 13 16 00-0424	EA		4" x 3" No Hub Cast Iron Reducer	130.16	77.47
				<i>For Work In Restricted Working Space, Add</i>	34.84	
				<i>For Below Ground Installation, Add</i>	5.81	
	22 13 16 00-0425	EA		5" x 2" No Hub Cast Iron Reducer	151.71	87.88
				<i>For Work In Restricted Working Space, Add</i>	39.52	
				<i>For Below Ground Installation, Add</i>	6.59	
	22 13 16 00-0426	EA		5" x 3" No Hub Cast Iron Reducer	154.48	87.88
				<i>For Work In Restricted Working Space, Add</i>	39.52	
				<i>For Below Ground Installation, Add</i>	6.59	
	22 13 16 00-0427	EA		5" x 4" No Hub Cast Iron Reducer	155.57	87.88
				<i>For Work In Restricted Working Space, Add</i>	39.52	
				<i>For Below Ground Installation, Add</i>	6.59	
	22 13 16 00-0428	EA		6" x 3" No Hub Cast Iron Reducer	180.86	97.66
				<i>For Work In Restricted Working Space, Add</i>	43.91	
				<i>For Below Ground Installation, Add</i>	7.32	
	22 13 16 00-0429	EA		6" x 4" No Hub Cast Iron Reducer	181.28	97.66
				<i>For Work In Restricted Working Space, Add</i>	43.91	
				<i>For Below Ground Installation, Add</i>	7.32	
	22 13 16 00-0430	EA		6" x 5" No Hub Cast Iron Reducer	182.53	97.66
				<i>For Work In Restricted Working Space, Add</i>	43.91	
				<i>For Below Ground Installation, Add</i>	7.32	
	22 13 16 00-0431	EA		8" x 2" No Hub Cast Iron Reducer	250.86	136.67
				<i>For Work In Restricted Working Space, Add</i>	61.47	
				<i>For Below Ground Installation, Add</i>	10.24	
	22 13 16 00-0432	EA		8" x 3" No Hub Cast Iron Reducer	254.04	136.67
				<i>For Work In Restricted Working Space, Add</i>	61.47	
				<i>For Below Ground Installation, Add</i>	10.24	
	22 13 16 00-0433	EA		8" x 4" No Hub Cast Iron Reducer	259.15	136.67
				<i>For Work In Restricted Working Space, Add</i>	61.47	
				<i>For Below Ground Installation, Add</i>	10.24	
	22 13 16 00-0434	EA		8" x 5" No Hub Cast Iron Reducer	264.48	136.67
				<i>For Work In Restricted Working Space, Add</i>	61.47	
				<i>For Below Ground Installation, Add</i>	10.24	
	22 13 16 00-0435	EA		8" x 6" No Hub Cast Iron Reducer	265.10	136.67
				<i>For Work In Restricted Working Space, Add</i>	61.47	
				<i>For Below Ground Installation, Add</i>	10.24	
	22 13 16 00-0436	EA		10" x 4" No Hub Cast Iron Reducer	314.82	144.16
				<i>For Work In Restricted Working Space, Add</i>	64.83	
				<i>For Below Ground Installation, Add</i>	10.81	
	22 13 16 00-0437	EA		10" x 6" No Hub Cast Iron Reducer	336.31	150.49
				<i>For Work In Restricted Working Space, Add</i>	67.71	
				<i>For Below Ground Installation, Add</i>	11.29	
	22 13 16 00-0438	EA		10" x 8" No Hub Cast Iron Reducer	377.44	163.37
				<i>For Work In Restricted Working Space, Add</i>	73.47	
				<i>For Below Ground Installation, Add</i>	12.25	
22 13 16 00-0439 No Hub Cast Iron Blind Plugs (22 13 16 00-0278)						
	22 13 16 00-0440	EA		1-1/2" No Hub Cast Iron Blind Plug	25.25	13.44
				<i>For Work In Restricted Working Space, Add</i>	6.04	
				<i>For Below Ground Installation, Add</i>	1.01	
	22 13 16 00-0441	EA		2" No Hub Cast Iron Blind Plug	25.91	14.01
				<i>For Work In Restricted Working Space, Add</i>	6.30	
				<i>For Below Ground Installation, Add</i>	1.05	
	22 13 16 00-0442	EA		3" No Hub Cast Iron Blind Plug	32.78	16.09
				<i>For Work In Restricted Working Space, Add</i>	7.22	
				<i>For Below Ground Installation, Add</i>	1.20	
	22 13 16 00-0443	EA		4" No Hub Cast Iron Blind Plug	43.50	21.22
				<i>For Work In Restricted Working Space, Add</i>	9.54	
				<i>For Below Ground Installation, Add</i>	1.59	
	22 13 16 00-0444	EA		5" No Hub Cast Iron Blind Plug	57.93	24.19
				<i>For Work In Restricted Working Space, Add</i>	10.87	
				<i>For Below Ground Installation, Add</i>	1.81	
	22 13 16 00-0445	EA		6" No Hub Cast Iron Blind Plug	64.44	28.32
				<i>For Work In Restricted Working Space, Add</i>	12.76	
				<i>For Below Ground Installation, Add</i>	2.13	
	22 13 16 00-0446	EA		8" No Hub Cast Iron Blind Plug	123.97	36.59
				<i>For Work In Restricted Working Space, Add</i>	16.45	
				<i>For Below Ground Installation, Add</i>	2.74	
	22 13 16 00-0447	EA		10" No Hub Cast Iron Blind Plug	158.46	39.38
				<i>For Work In Restricted Working Space, Add</i>	17.72	
				<i>For Below Ground Installation, Add</i>	2.95	
22 13 16 00-0448 No Hub Cast Iron P-Traps (22 13 16 00-0278)						

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0449	EA		2" No Hub Cast Iron P-Trap	60.11	28.03
			<i>For Work In Restricted Working Space, Add</i>	12.60	
			<i>For Below Ground Installation, Add</i>	2.10	
22 13 16 00-0450	EA		3" No Hub Cast Iron P-Trap	89.41	32.07
			<i>For Work In Restricted Working Space, Add</i>	14.44	
			<i>For Below Ground Installation, Add</i>	2.41	
22 13 16 00-0451	EA		4" No Hub Cast Iron P-Trap	135.36	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
			<i>For Below Ground Installation, Add</i>	3.18	
22 13 16 00-0452	EA		5" No Hub Cast Iron P-Trap	235.80	47.89
			<i>For Work In Restricted Working Space, Add</i>	21.53	
			<i>For Below Ground Installation, Add</i>	3.59	
22 13 16 00-0453	EA		6" No Hub Cast Iron P-Trap	249.82	57.11
			<i>For Work In Restricted Working Space, Add</i>	25.69	
			<i>For Below Ground Installation, Add</i>	4.28	
22 13 16 00-0454			No Hub Cast Iron Deep Seal P-Traps (22 13 16 00-0278)		
22 13 16 00-0455	EA		2" No Hub Cast Iron Deep Seal P-Trap	96.55	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For Below Ground Installation, Add</i>	2.67	
22 13 16 00-0456	EA		3" No Hub Cast Iron Deep Seal P-Trap	139.92	47.37
			<i>For Work In Restricted Working Space, Add</i>	21.30	
			<i>For Below Ground Installation, Add</i>	3.55	
22 13 16 00-0457	EA		4" No Hub Cast Iron Deep Seal P-Trap	204.37	62.57
			<i>For Work In Restricted Working Space, Add</i>	28.13	
			<i>For Below Ground Installation, Add</i>	4.69	
22 13 16 00-0458			No Hub Cast Iron Closet Flanges (22 13 16 00-0278)		
22 13 16 00-0459	EA		4" No Hub Cast Iron Closet Flange	92.37	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
			<i>For Below Ground Installation, Add</i>	3.18	
22 13 16 00-0460	EA		4" x 2-1/2" No Hub Cast Iron Offset Closet Flange	98.32	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
			<i>For Below Ground Installation, Add</i>	3.18	
22 13 16 00-0461			No Hub Cast Iron Closet Bends (22 13 16 00-0278)		
22 13 16 00-0462	EA		4" x 16" No Hub Cast Iron Closet Bend	176.01	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
			<i>For Below Ground Installation, Add</i>	3.18	
22 13 16 00-0463			No Hub Cast Iron Threaded Adapter (22 13 16 00-0278)		
22 13 16 00-0464	EA		1-1/4" No Hub Cast Iron Threaded Adapter	68.90	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For Below Ground Installation, Add</i>	2.67	
22 13 16 00-0465	EA		1-1/2" No Hub Cast Iron Threaded Adapter	73.70	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For Below Ground Installation, Add</i>	2.67	
22 13 16 00-0466			No Hub Couplings (22 13 16 00-0278)		
			Note: Includes stainless steel shield/clamps assembly with elastomeric gasket, ASTM C 564. (Femco NH). Labor costs are included in the installation costs for fittings.		
22 13 16 00-0467	EA		1-1/2" No Hub Coupling	8.54	
			<i>For Medium Duty (Femco MD-2000), Add</i>	1.11	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	2.31	
22 13 16 00-0468	EA		2" No Hub Coupling	8.54	
			<i>For Medium Duty (Femco MD-2000), Add</i>	1.11	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	2.31	
22 13 16 00-0469	EA		3" No Hub Coupling	10.14	
			<i>For Medium Duty (Femco MD-2000), Add</i>	1.32	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	2.74	
22 13 16 00-0470	EA		4" No Hub Coupling	12.04	
			<i>For Medium Duty (Femco MD-2000), Add</i>	1.57	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	3.25	
22 13 16 00-0471	EA		5" No Hub Coupling	27.83	
			<i>For Medium Duty (Femco MD-2000), Add</i>	3.62	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	7.51	
22 13 16 00-0472	EA		6" No Hub Coupling	30.59	
			<i>For Medium Duty (Femco MD-2000), Add</i>	3.98	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	8.26	
22 13 16 00-0473	EA		8" No Hub Coupling	57.62	
			<i>For Medium Duty (Femco MD-2000), Add</i>	7.49	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	15.56	
22 13 16 00-0474	EA		10" No Hub Coupling	79.38	
			<i>For Medium Duty (Femco MD-2000), Add</i>	10.32	
			<i>For Heavy Duty (Femco HD-4000), Add</i>	21.43	
22 13 16 00-0475	EA		2" x 1-1/2" No Hub Reducing Coupling	10.14	
22 13 16 00-0476	EA		3" x 2" No Hub Reducing Coupling	15.72	
22 13 16 00-0477	EA		4" x 2" No Hub Reducing Coupling	21.94	
22 13 16 00-0478	EA		4" x 3" No Hub Reducing Coupling	18.69	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0479 Cast Iron Mechanical Joint Couplings With Neoprene Gasket And Bolts (22 13 16 00-0278)
 Note: For underground connections. Labor costs are included in the installation costs for fittings. See CSI section 22 13 16 00-0870 for additional FERNCO couplings.

22 13 16 00-0480	EA	1-1/2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		34.37	
22 13 16 00-0481	EA	2" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		35.48	
22 13 16 00-0482	EA	3" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		37.25	
22 13 16 00-0483	EA	4" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		43.46	
22 13 16 00-0484	EA	5" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		82.05	
22 13 16 00-0485	EA	6" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		112.65	
22 13 16 00-0486	EA	8" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		197.36	
22 13 16 00-0487	EA	10" Cast Iron Mechanical Joint Coupling With Neoprene Gasket And Bolts.....		301.58	

22 13 16 00-0488 Cut And Prepare Existing Pipe In-Place (22 13 16 00-0268)
 Note: For use when connecting pipe to an existing in-place system.

22 13 16 00-0489	EA	Cut And Prepare 1-1/2" Cast Iron Pipe, No Hub.....		9.64	
		<i>For Work In Restricted Working Space, Add</i>		2.89	
22 13 16 00-0490	EA	Cut And Prepare 2" Cast Iron Pipe, No Hub.....		11.79	
		<i>For Work In Restricted Working Space, Add</i>		3.54	
22 13 16 00-0491	EA	Cut And Prepare 3" Cast Iron Pipe, No Hub.....		12.87	
		<i>For Work In Restricted Working Space, Add</i>		3.86	
22 13 16 00-0492	EA	Cut And Prepare 4" Cast Iron Pipe, No Hub.....		16.08	
		<i>For Work In Restricted Working Space, Add</i>		4.82	
22 13 16 00-0493	EA	Cut And Prepare 6" Cast Iron Pipe, No Hub.....		19.29	
		<i>For Work In Restricted Working Space, Add</i>		5.79	
22 13 16 00-0494	EA	Cut And Prepare 8" Cast Iron Pipe, No Hub.....		25.72	
		<i>For Work In Restricted Working Space, Add</i>		7.72	
22 13 16 00-0495	EA	Cut And Prepare 10" Cast Iron Pipe, No Hub.....		30.01	
		<i>For Work In Restricted Working Space, Add</i>		9.00	

22 13 16 00-0496 Copper Drain-Waste-Vent (DWV) Pipe (22 13 16)
 See CSI section 22 11 16 00-0436 for copper and brass fittings.

22 13 16 00-0497	LF	1-1/4" Hard Drawn DWV Copper Tube/Pipe.....		14.55	4.64
22 13 16 00-0498	LF	1-1/2" Hard Drawn DWV Copper Tube/Pipe.....		17.30	5.18
22 13 16 00-0499	LF	2" Hard Drawn DWV Copper Tube/Pipe.....		22.22	6.39
22 13 16 00-0500	LF	3" Hard Drawn DWV Copper Tube/Pipe.....		48.58	8.85
22 13 16 00-0501	LF	4" Hard Drawn DWV Copper Tube/Pipe.....		66.99	9.99
22 13 16 00-0502	LF	5" Hard Drawn DWV Copper Tube/Pipe.....		128.66	11.47
22 13 16 00-0503	LF	6" Hard Drawn DWV Copper Tube/Pipe.....		184.03	17.77

22 13 16 00-0504 Polyvinyl Chloride (PVC) Drain-Waste-Vent (DWV) Pipe And Fittings (22 13 16)
 Note: Aboveground installation. See CSI section 33 31 11 00-0002 for underground installation.

22 13 16 00-0505 Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies (22 13 16 00-0504)

22 13 16 00-0506 Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies (22 13 16 00-0505)
 Note: Includes all fittings. Fittings are assumed every 20'. Excludes excavation, backfill and compaction. Not for use where detail is available. Not for use where detail is available.

22 13 16 00-0507	LF	1-1/2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		12.43	
		<i>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</i>			
		<i>For Work In Restricted Working Space, Add</i>		2.31	
22 13 16 00-0508	LF	2" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		15.05	
		<i>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</i>			
		<i>For Work In Restricted Working Space, Add</i>		2.81	
22 13 16 00-0509	LF	3" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		25.19	
		<i>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</i>			
		<i>For Work In Restricted Working Space, Add</i>		3.98	
22 13 16 00-0510	LF	4" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		32.71	
		<i>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</i>			
		<i>For Work In Restricted Working Space, Add</i>		4.38	
22 13 16 00-0511	LF	6" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		58.42	
		<i>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</i>			
		<i>For Work In Restricted Working Space, Add</i>		5.64	
22 13 16 00-0512	LF	8" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		84.18	
		<i>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</i>			
		<i>For Work In Restricted Working Space, Add</i>		7.54	
22 13 16 00-0513	LF	10" Underground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly.....		122.84	
		<i>Note: Includes all fittings and couplings. Fittings are assumed every 20'. Excludes earthwork excavation, backfill and compaction. Not for use where detail is available.</i>			
		<i>For Work In Restricted Working Space, Add</i>		10.06	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

22 13 16 00-0514	Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assemblies <small>(22 13 16 00-0505)</small> Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0515	LF 1-1/2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	24.91	4.14
		4.75	
22 13 16 00-0516	LF 2" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	28.08	4.94
		5.28	
22 13 16 00-0517	LF 3" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	40.61	7.11
		6.56	
22 13 16 00-0518	LF 4" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	51.18	7.70
		7.17	
22 13 16 00-0519	LF 6" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	79.95	9.87
		9.18	
22 13 16 00-0520	LF 8" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	106.61	13.12
		10.52	
22 13 16 00-0521	LF 10" Aboveground Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe Assembly Note: Includes all fittings, couplings and hangers. Fittings are assumed every 10'. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	150.47	17.57
		13.72	
22 13 16 00-0522	Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <small>(22 13 16 00-0504)</small> Note: Excludes fittings or hangers.		
22 13 16 00-0523	Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe (ASTM D-2665) <small>(22 13 16 00-0522)</small> Note: Excludes fittings or hangers.		
22 13 16 00-0524	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	9.78	4.14
		1.85	
22 13 16 00-0525	LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	12.12	4.94
		2.22	
22 13 16 00-0526	LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	20.09	7.11
		3.18	
22 13 16 00-0527	LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	24.88	7.70
		3.45	
22 13 16 00-0528	LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	37.93	9.40
		4.23	
22 13 16 00-0529	LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	55.00	12.51
		5.65	
22 13 16 00-0530	LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV Pipe <i>For Work In Restricted Working Space, Add</i>	80.51	16.75
		7.53	
22 13 16 00-0531	Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe (ASTM F-891) <small>(22 13 16 00-0522)</small> Note: Excludes fittings or hangers.		
22 13 16 00-0532	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	8.70	4.14
		1.85	
22 13 16 00-0533	LF 2" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	10.84	4.94
		2.22	
22 13 16 00-0534	LF 3" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	17.67	7.11
		3.18	
22 13 16 00-0535	LF 4" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	21.68	7.70
		3.45	
22 13 16 00-0536	LF 6" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	31.95	9.40
		4.23	
22 13 16 00-0537	LF 8" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	46.59	12.51
		5.65	
22 13 16 00-0538	LF 10" Schedule 40 Polyvinyl Chloride (PVC) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	71.37	16.75
		7.53	
22 13 16 00-0539	Polyvinyl Chloride (PVC) DWV Fittings (ASTM D-2665) <small>(22 13 16 00-0504)</small>		
22 13 16 00-0540	Polyvinyl Chloride (PVC) DWV 1/4 Bends <small>(22 13 16 00-0539)</small>		
22 13 16 00-0541	EA 1-1/2" Polyvinyl Chloride (PVC) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	30.88	16.48
		7.40	
22 13 16 00-0542	EA 2" Polyvinyl Chloride (PVC) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	39.45	21.03
		9.47	
22 13 16 00-0543	EA 3" Polyvinyl Chloride (PVC) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	66.89	28.22
		12.73	
22 13 16 00-0544	EA 4" Polyvinyl Chloride (PVC) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	101.23	32.87
		14.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0545	EA		6" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	379.84 19.25	42.74
22 13 16 00-0546	EA		8" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	627.11 25.91	57.55
22 13 16 00-0547	EA		10" Polyvinyl Chloride (PVC) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	828.07 34.54	76.69
22 13 16 00-0548			Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends (22 13 16 00-0539)		
22 13 16 00-0549	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	48.29 7.40	16.48
22 13 16 00-0550	EA		2" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	49.47 9.47	21.03
22 13 16 00-0551	EA		3" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	92.65 12.73	28.22
22 13 16 00-0552	EA		4" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	148.46 14.81	32.87
22 13 16 00-0553	EA		6" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	288.62 19.25	42.74
22 13 16 00-0554	EA		8" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	507.22 25.91	57.55
22 13 16 00-0555	EA		10" Polyvinyl Chloride (PVC) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	825.92 34.54	76.69
22 13 16 00-0556			Polyvinyl Chloride (PVC) DWV 1/8 Bends (22 13 16 00-0539)		
22 13 16 00-0557	EA		1-1/2" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	32.31 7.40	16.48
22 13 16 00-0558	EA		2" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	39.33 9.47	21.03
22 13 16 00-0559	EA		3" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	64.74 12.73	28.22
22 13 16 00-0560	EA		4" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	90.73 14.81	32.87
22 13 16 00-0561	EA		6" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	353.13 19.25	42.74
22 13 16 00-0562	EA		8" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	565.01 25.91	57.55
22 13 16 00-0563	EA		10" Polyvinyl Chloride (PVC) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	645.42 34.54	76.69
22 13 16 00-0564			Polyvinyl Chloride (PVC) DWV Sanitary Tees (22 13 16 00-0539)		
22 13 16 00-0565	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	48.10 11.10	24.68
22 13 16 00-0566	EA		2" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	63.23 14.21	31.58
22 13 16 00-0567	EA		3" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	105.88 19.10	42.44
22 13 16 00-0568	EA		4" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	154.53 22.21	49.35
22 13 16 00-0569	EA		6" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	564.48 28.87	64.06
22 13 16 00-0570	EA		8" Polyvinyl Chloride (PVC) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	734.87 38.86	86.26
22 13 16 00-0571			Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees (22 13 16 00-0539)		
22 13 16 00-0572	EA		2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	60.51 12.14	26.94
22 13 16 00-0573	EA		2" x 1-1/2" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	71.59 13.18	29.21
22 13 16 00-0574	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	59.78 13.18	29.21
22 13 16 00-0575	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	87.09 16.43	36.52
22 13 16 00-0576	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	89.00 17.47	38.79
22 13 16 00-0577	EA		4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	105.10 18.51	41.05
22 13 16 00-0578	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	174.27 19.55	43.42
22 13 16 00-0579	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	218.93 21.17	46.98
22 13 16 00-0580	EA		6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	541.66 26.65	59.12
22 13 16 00-0581	EA		8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	1,687.32 33.31	73.92
22 13 16 00-0582	EA		8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	1,745.54 35.53	78.86
22 13 16 00-0583			Polyvinyl Chloride (PVC) DWV Double Sanitary Tees (22 13 16 00-0539)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0584	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	82.74 14.81	32.87
22 13 16 00-0585	EA		2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	112.07 18.95	42.04
22 13 16 00-0586	EA		3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	222.03 25.46	56.56
22 13 16 00-0587	EA		4" Polyvinyl Chloride (PVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	319.21 29.61	65.73
22 13 16 00-0588			Polyvinyl Chloride (PVC) DWV Reducing Double Sanitary Tees (22 13 16 00-0539)		
22 13 16 00-0589	EA		2" x 2" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	100.45 16.88	37.51
22 13 16 00-0590	EA		3" x 3" x 1-1/2" x 1-1/2 Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	170.92 20.13	44.71
22 13 16 00-0591	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	197.04 22.21	49.35
22 13 16 00-0592	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	351.82 24.28	53.89
22 13 16 00-0593	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	370.12 27.54	61.09
22 13 16 00-0594			Polyvinyl Chloride (PVC) DWV Reducers (22 13 16 00-0539)		
22 13 16 00-0595	EA		2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	40.53 8.44	18.75
22 13 16 00-0596	EA		3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	73.16 10.07	22.31
22 13 16 00-0597	EA		3" x 2" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	70.16 11.10	24.68
22 13 16 00-0598	EA		4" x 2" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	106.06 12.14	26.94
22 13 16 00-0599	EA		4" x 3" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	114.47 13.77	30.59
22 13 16 00-0600	EA		6" x 3" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	399.75 15.99	35.53
22 13 16 00-0601	EA		6" x 4" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	334.99 17.03	37.80
22 13 16 00-0602	EA		8" x 4" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	831.33 20.36	45.21
22 13 16 00-0603	EA		8" x 6" Polyvinyl Chloride (PVC) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	703.42 22.58	50.14
22 13 16 00-0604	EA		10" x 6" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	944.63 26.90	59.71
22 13 16 00-0605	EA		10" x 8" Polyvinyl Chloride (PVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	742.16 30.23	67.11
22 13 16 00-0606			Polyvinyl Chloride (PVC) DWV P-Traps (22 13 16 00-0539)		
22 13 16 00-0607	EA		1-1/2" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	58.72 11.10	24.68
22 13 16 00-0608	EA		2" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	76.95 14.21	31.58
22 13 16 00-0609	EA		3" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	210.95 19.10	42.44
22 13 16 00-0610	EA		4" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	424.78 22.21	49.35
22 13 16 00-0611	EA		6" Polyvinyl Chloride (PVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	716.39 28.87	64.06
22 13 16 00-0612			Polyvinyl Chloride (PVC) DWV Closet Flanges (22 13 16 00-0539)		
22 13 16 00-0613	EA		4" Polyvinyl Chloride (PVC) DWV Closet Flanges <i>For Work In Restricted Working Space, Add</i>	90.97 14.81	32.87
22 13 16 00-0614	EA		4" x 3" Polyvinyl Chloride (PVC) DWV Closet Flanges <i>For Work In Restricted Working Space, Add</i>	74.99 13.77	30.59
22 13 16 00-0615			Polyvinyl Chloride (PVC) DWV Wyes (22 13 16 00-0539)		
22 13 16 00-0616	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	59.19 11.10	24.68
22 13 16 00-0617	EA		2" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	69.67 14.21	31.58
22 13 16 00-0618	EA		3" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	114.11 19.10	42.44
22 13 16 00-0619	EA		4" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	168.01 22.21	49.35
22 13 16 00-0620	EA		6" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	513.91 28.87	64.06
22 13 16 00-0621	EA		8" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	638.81 38.86	86.26
22 13 16 00-0622	EA		10" Polyvinyl Chloride (PVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	840.98 51.82	114.98

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0623 Polyvinyl Chloride (PVC) DWV Reducing Wyes (22 13 16 00-0539)		
22 13 16 00-0624 EA 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	80.07	26.94
For Work In Restricted Working Space, Add	12.14	
22 13 16 00-0625 EA 2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	83.16	29.21
For Work In Restricted Working Space, Add	13.18	
22 13 16 00-0626 EA 3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	116.41	36.52
For Work In Restricted Working Space, Add	16.43	
22 13 16 00-0627 EA 3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	97.23	38.79
For Work In Restricted Working Space, Add	17.47	
22 13 16 00-0628 EA 4" x 4" x 1-1/2" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	159.56	41.05
For Work In Restricted Working Space, Add	18.51	
22 13 16 00-0629 EA 4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	140.64	43.42
For Work In Restricted Working Space, Add	19.55	
22 13 16 00-0630 EA 4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	158.70	46.98
For Work In Restricted Working Space, Add	21.17	
22 13 16 00-0631 EA 6" x 6" x 3" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	464.28	56.85
For Work In Restricted Working Space, Add	25.61	
22 13 16 00-0632 EA 6" x 6" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	573.43	59.12
For Work In Restricted Working Space, Add	26.65	
22 13 16 00-0633 EA 8" x 8" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	547.52	73.92
For Work In Restricted Working Space, Add	33.31	
22 13 16 00-0634 EA 8" x 8" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	689.55	78.86
For Work In Restricted Working Space, Add	35.53	
22 13 16 00-0635 EA 10" x 10" x 4" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	631.59	93.08
For Work In Restricted Working Space, Add	41.95	
22 13 16 00-0636 EA 10" x 10" x 6" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	785.24	98.01
For Work In Restricted Working Space, Add	44.16	
22 13 16 00-0637 EA 10" x 10" x 8" Polyvinyl Chloride (PVC) DWV Reducing Wyes.....	913.14	105.41
For Work In Restricted Working Space, Add	47.50	
22 13 16 00-0638 Polyvinyl Chloride (PVC) DWV Double Wyes (22 13 16 00-0539)		
22 13 16 00-0639 EA 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes	96.58	32.87
For Work In Restricted Working Space, Add	14.81	
22 13 16 00-0640 EA 2" Polyvinyl Chloride (PVC) DWV Double Wyes.....	123.87	42.04
For Work In Restricted Working Space, Add	18.95	
22 13 16 00-0641 EA 3" Polyvinyl Chloride (PVC) DWV Double Wyes.....	241.71	56.56
For Work In Restricted Working Space, Add	25.46	
22 13 16 00-0642 EA 4" Polyvinyl Chloride (PVC) DWV Double Wyes.....	416.65	65.73
For Work In Restricted Working Space, Add	29.61	
22 13 16 00-0643 EA 6" Polyvinyl Chloride (PVC) DWV Double Wyes.....	848.38	85.48
For Work In Restricted Working Space, Add	38.49	
22 13 16 00-0644 EA 8" Polyvinyl Chloride (PVC) DWV Double Wyes.....	985.40	115.08
For Work In Restricted Working Space, Add	51.82	
22 13 16 00-0645 EA 10" Polyvinyl Chloride (PVC) DWV Double Wyes.....	1,525.26	153.37
For Work In Restricted Working Space, Add	69.08	
22 13 16 00-0646 Polyvinyl Chloride (PVC) DWV Reducing Double Wyes (22 13 16 00-0539)		
22 13 16 00-0647 EA 2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes.....	111.71	37.51
For Work In Restricted Working Space, Add	16.88	
22 13 16 00-0648 EA 3" x 3" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Wyes.....	204.72	44.71
For Work In Restricted Working Space, Add	20.13	
22 13 16 00-0649 EA 3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes.....	190.79	49.35
For Work In Restricted Working Space, Add	22.21	
22 13 16 00-0650 EA 4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Wyes.....	271.53	53.89
For Work In Restricted Working Space, Add	24.28	
22 13 16 00-0651 EA 4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Wyes.....	343.55	61.09
For Work In Restricted Working Space, Add	27.54	
22 13 16 00-0652 EA 6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes.....	527.00	75.60
For Work In Restricted Working Space, Add	34.05	
22 13 16 00-0653 EA 8" x 8" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes.....	617.20	90.40
For Work In Restricted Working Space, Add	40.71	
22 13 16 00-0654 EA 8" x 8" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes.....	783.53	100.27
For Work In Restricted Working Space, Add	45.15	
22 13 16 00-0655 EA 10" x 10" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Wyes.....	828.33	109.56
For Work In Restricted Working Space, Add	49.35	
22 13 16 00-0656 EA 10" x 10" x 6" x 6" Polyvinyl Chloride (PVC) DWV Double Wyes.....	1,072.40	119.42
For Work In Restricted Working Space, Add	53.79	
22 13 16 00-0657 EA 10" x 10" x 8" x 8" Polyvinyl Chloride (PVC) DWV Double Wyes.....	1,295.47	134.23
For Work In Restricted Working Space, Add	60.45	
22 13 16 00-0658 Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends (22 13 16 00-0539)		
22 13 16 00-0659 EA 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	73.03	24.68
For Work In Restricted Working Space, Add	11.10	
22 13 16 00-0660 EA 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	91.26	31.58
For Work In Restricted Working Space, Add	14.21	
22 13 16 00-0661 EA 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	178.98	42.44
For Work In Restricted Working Space, Add	19.10	
22 13 16 00-0662 EA 4" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends	313.51	49.35
For Work In Restricted Working Space, Add	22.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0663			Polyvinyl Chloride (PVC) DWV Reducing Combination Wye And 1/8 Bends		
			<small>(22 13 16 00-0539)</small>		
22 13 16 00-0664	EA		2" x 2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....134.80		29.21
			<i>For Work In Restricted Working Space, Add</i>	13.18	
22 13 16 00-0665	EA		3" x 3" x 1-1/2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....212.65		36.52
			<i>For Work In Restricted Working Space, Add</i>	16.43	
22 13 16 00-0666	EA		3" x 3" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....156.91		38.79
			<i>For Work In Restricted Working Space, Add</i>	17.47	
22 13 16 00-0667	EA		4" x 4" x 2" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....284.67		43.42
			<i>For Work In Restricted Working Space, Add</i>	19.55	
22 13 16 00-0668	EA		4" x 4" x 3" Polyvinyl Chloride (PVC) DWV Combination Wye And 1/8 Bends .....308.34		46.98
			<i>For Work In Restricted Working Space, Add</i>	21.17	
22 13 16 00-0669			Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0539)</small>		
22 13 16 00-0670	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....107.31		32.87
			<i>For Work In Restricted Working Space, Add</i>	14.81	
22 13 16 00-0671	EA		2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....125.07		42.04
			<i>For Work In Restricted Working Space, Add</i>	18.95	
22 13 16 00-0672	EA		3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....192.45		56.56
			<i>For Work In Restricted Working Space, Add</i>	25.46	
22 13 16 00-0673	EA		4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....665.43		65.73
			<i>For Work In Restricted Working Space, Add</i>	29.61	
22 13 16 00-0674	EA		6" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....2,185.83		85.48
			<i>For Work In Restricted Working Space, Add</i>	38.49	
22 13 16 00-0675			Polyvinyl Chloride (PVC) DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 13 16 00-0539)</small>		
22 13 16 00-0676	EA		2" x 2" x 1-1/2" x 1-1/2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....245.90		37.51
			<i>For Work In Restricted Working Space, Add</i>	16.88	
22 13 16 00-0677	EA		3" x 3" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....395.34		49.35
			<i>For Work In Restricted Working Space, Add</i>	22.21	
22 13 16 00-0678	EA		4" x 4" x 2" x 2" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....679.76		53.89
			<i>For Work In Restricted Working Space, Add</i>	24.28	
22 13 16 00-0679	EA		4" x 4" x 3" x 3" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....615.86		61.09
			<i>For Work In Restricted Working Space, Add</i>	27.54	
22 13 16 00-0680	EA		6" x 6" x 4" x 4" Polyvinyl Chloride (PVC) DWV Double Combination Wye And 1/8 Bends .....1,457.68		75.60
			<i>For Work In Restricted Working Space, Add</i>	34.05	
22 13 16 00-0681			Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug <small>(22 13 16 00-0539)</small>		
22 13 16 00-0682	EA		2" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....152.94		31.58
			<i>For Work In Restricted Working Space, Add</i>	14.21	
22 13 16 00-0683	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....265.34		42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 13 16 00-0684	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....424.84		49.35
			<i>For Work In Restricted Working Space, Add</i>	22.21	
22 13 16 00-0685	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....1,115.58		64.06
			<i>For Work In Restricted Working Space, Add</i>	28.87	
22 13 16 00-0686	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....1,398.70		86.26
			<i>For Work In Restricted Working Space, Add</i>	38.86	
22 13 16 00-0687	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Tees With Plug .....1,856.15		114.98
			<i>For Work In Restricted Working Space, Add</i>	51.82	
22 13 16 00-0688			Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug <small>(22 13 16 00-0539)</small>		
22 13 16 00-0689	EA		1-1/2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....42.93		16.48
			<i>For Work In Restricted Working Space, Add</i>	7.40	
22 13 16 00-0690	EA		2" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....61.04		21.03
			<i>For Work In Restricted Working Space, Add</i>	9.47	
22 13 16 00-0691	EA		3" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....87.76		28.22
			<i>For Work In Restricted Working Space, Add</i>	12.73	
22 13 16 00-0692	EA		4" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....155.85		32.87
			<i>For Work In Restricted Working Space, Add</i>	14.81	
22 13 16 00-0693	EA		6" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....356.47		42.74
			<i>For Work In Restricted Working Space, Add</i>	19.25	
22 13 16 00-0694	EA		8" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....799.14		57.55
			<i>For Work In Restricted Working Space, Add</i>	25.91	
22 13 16 00-0695	EA		10" Polyvinyl Chloride (PVC) DWV Cleanout Adapters With Plug .....1,471.02		76.69
			<i>For Work In Restricted Working Space, Add</i>	34.52	
22 13 16 00-0696			Polyvinyl Chloride (PVC) Couplings <small>(22 13 16 00-0539)</small>		
22 13 16 00-0697	EA		1-1/2" Polyvinyl Chloride (PVC) Couplings .....30.09		16.48
			<i>For Work In Restricted Working Space, Add</i>	7.40	
22 13 16 00-0698	EA		2" Polyvinyl Chloride (PVC) Couplings .....37.66		21.03
			<i>For Work In Restricted Working Space, Add</i>	9.47	
22 13 16 00-0699	EA		3" Polyvinyl Chloride (PVC) Couplings .....57.99		28.22
			<i>For Work In Restricted Working Space, Add</i>	12.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0700 EA 4" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	74.90 14.81	32.87
22 13 16 00-0701 EA 6" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	205.15 19.25	42.74
22 13 16 00-0702 EA 8" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	493.64 25.91	57.55
22 13 16 00-0703 EA 10" Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	746.28 34.55	76.69
22 13 16 00-0704 Polyvinyl Chloride (PVC) Male Adapters (22 13 16 00-0539)		
22 13 16 00-0705 EA 1-1/2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	17.81 3.70	8.19
22 13 16 00-0706 EA 2" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	29.25 4.74	10.56
22 13 16 00-0707 EA 3" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	58.56 6.37	14.11
22 13 16 00-0708 EA 4" Polyvinyl Chloride (PVC) Male Adapters <i>For Work In Restricted Working Space, Add</i>	110.25 7.40	16.48
22 13 16 00-0709 Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe (22 13 16 00-0504)		
Note: In place piping.		
22 13 16 00-0710 EA 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	7.23	
22 13 16 00-0711 EA 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	7.96	
22 13 16 00-0712 EA 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	10.12	
22 13 16 00-0713 EA 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	13.66	
22 13 16 00-0714 EA 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	19.52	
22 13 16 00-0715 EA 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	26.04	
22 13 16 00-0716 EA 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) DWV Pipe.....	31.84	
22 13 16 00-0717 Acrylonitrile Butadiene Styrene (ABS) Drain-Waste-Vent (DWV) Pipe And Fittings (22 13 16)		
Note: Aboveground installation.		
22 13 16 00-0718 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assemblies (22 13 16 00-0717)		
Note: Includes all hangers and couplings, elbow, tee and reducer fittings. All hangers are complete assemblies installed in accordance with uniform plumbing code. Not for use where detail is available.		
22 13 16 00-0719 LF 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly..... <i>For Work In Restricted Working Space, Add</i>	26.49 5.68	4.14
22 13 16 00-0720 LF 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly <i>For Work In Restricted Working Space, Add</i>	29.47 6.29	4.94
22 13 16 00-0721 LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly <i>For Work In Restricted Working Space, Add</i>	41.47 7.81	7.11
22 13 16 00-0722 LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly <i>For Work In Restricted Working Space, Add</i>	48.27 8.68	7.70
22 13 16 00-0723 LF 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV Pipe Assembly <i>For Work In Restricted Working Space, Add</i>	85.09 11.54	9.87
22 13 16 00-0724 Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe (ASTM F-628) (22 13 16 00-0717)		
Note: Excludes fittings or hangers.		
22 13 16 00-0725 LF 1-1/2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe..... <i>For Work In Restricted Working Space, Add</i>	9.36 1.85	4.14
22 13 16 00-0726 LF 2" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	11.68 2.22	4.94
22 13 16 00-0727 LF 3" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	19.47 3.18	7.11
22 13 16 00-0728 LF 4" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	24.17 3.45	7.70
22 13 16 00-0729 LF 6" Schedule 40 Acrylonitrile Butadiene Styrene (ABS) DWV "Foam-Core" Pipe <i>For Work In Restricted Working Space, Add</i>	39.90 4.23	9.40
22 13 16 00-0730 Acrylonitrile Butadiene Styrene (ABS) DWV Fittings (ASTM D-2661) (22 13 16 00-0717)		
22 13 16 00-0731 Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends (22 13 16 00-0730)		
22 13 16 00-0732 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends <i>For Work In Restricted Working Space, Add</i>	38.25 7.40	16.48
22 13 16 00-0733 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	50.93 9.47	21.03

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI UOM			
22 13 16 00-0734	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	102.14 12.73	28.22
22 13 16 00-0735	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	166.33 14.81	32.87
22 13 16 00-0736	EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	500.78 19.25	42.74
22 13 16 00-0737	Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends (22 13 16 00-0730)		
22 13 16 00-0738	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	57.00 7.40	16.48
22 13 16 00-0739	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	69.26 9.47	21.03
22 13 16 00-0740	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	147.66 12.73	28.22
22 13 16 00-0741	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Long Sweep 1/4 Bends..... <i>For Work In Restricted Working Space, Add</i>	256.89 14.81	32.87
22 13 16 00-0742	Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends (22 13 16 00-0730)		
22 13 16 00-0743	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	40.78 7.40	16.48
22 13 16 00-0744	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	49.15 9.47	21.03
22 13 16 00-0745	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	92.81 12.73	28.22
22 13 16 00-0746	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	149.10 14.81	32.87
22 13 16 00-0747	EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	518.95 19.25	42.74
22 13 16 00-0748	Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees (22 13 16 00-0730)		
22 13 16 00-0749	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	60.11 11.10	24.68
22 13 16 00-0750	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	82.09 14.21	31.58
22 13 16 00-0751	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	152.13 19.10	42.44
22 13 16 00-0752	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	244.01 22.21	49.35
22 13 16 00-0753	EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	1,017.60 28.87	64.06
22 13 16 00-0754	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees (22 13 16 00-0730)		
22 13 16 00-0755	EA 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	77.30 12.14	26.94
22 13 16 00-0756	EA 2" x 1-1/2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	95.64 13.18	29.21
22 13 16 00-0757	EA 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	77.20 13.18	29.21
22 13 16 00-0758	EA 3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	122.34 16.43	36.52
22 13 16 00-0759	EA 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	126.42 17.47	38.79
22 13 16 00-0760	EA 4" x 4" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	306.68 18.51	41.05
22 13 16 00-0761	EA 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	293.84 19.55	43.42
22 13 16 00-0762	EA 4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	338.75 21.17	46.98
22 13 16 00-0763	EA 6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	1,118.98 26.65	59.12
22 13 16 00-0764	Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees (22 13 16 00-0730)		
22 13 16 00-0765	EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	119.52 14.81	32.87
22 13 16 00-0766	EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	165.54 18.95	42.04
22 13 16 00-0767	EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	372.46 25.46	56.56
22 13 16 00-0768	EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	559.61 29.61	65.73
22 13 16 00-0769	Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Sanitary Tees (22 13 16 00-0730)		
22 13 16 00-0770	EA 2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	135.84 16.88	37.51

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0771 EA 3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	213.68 20.13	44.71
22 13 16 00-0772 EA 3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	247.45 22.21	49.35
22 13 16 00-0773 EA 4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	459.10 23.15	51.37
22 13 16 00-0774 EA 4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Sanitary Tees <i>For Work In Restricted Working Space, Add</i>	479.99 26.25	58.24
22 13 16 00-0775 Acrylonitrile Butadiene Styrene (ABS) DWV Wyes (22 13 16 00-0730)		
22 13 16 00-0776 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	83.52 11.10	24.68
22 13 16 00-0777 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	95.12 14.21	31.58
22 13 16 00-0778 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	169.33 19.10	42.44
22 13 16 00-0779 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	270.91 22.21	49.35
22 13 16 00-0780 EA 6" Acrylonitrile Butadiene Styrene (ABS) DWV Wyes..... <i>For Work In Restricted Working Space, Add</i>	818.66 28.87	64.06
22 13 16 00-0781 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes (22 13 16 00-0730)		
22 13 16 00-0782 EA 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	123.44 12.14	26.94
22 13 16 00-0783 EA 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes <i>For Work In Restricted Working Space, Add</i>	126.05 13.18	29.21
22 13 16 00-0784 EA 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	140.36 17.47	38.79
22 13 16 00-0785 EA 4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	223.34 19.55	43.42
22 13 16 00-0786 EA 4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	255.38 21.17	46.98
22 13 16 00-0787 EA 6" x 6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Wyes..... <i>For Work In Restricted Working Space, Add</i>	685.71 26.65	59.12
22 13 16 00-0788 Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes (22 13 16 00-0730)		
22 13 16 00-0789 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	148.26 14.81	32.87
22 13 16 00-0790 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	190.39 18.95	42.04
22 13 16 00-0791 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	413.78 25.46	56.56
22 13 16 00-0792 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	764.95 29.61	65.73
22 13 16 00-0793 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Wyes (22 13 16 00-0730)		
22 13 16 00-0794 EA 2" x 2" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	172.44 16.88	37.51
22 13 16 00-0795 EA 3" x 3" x 1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	299.10 20.13	44.71
22 13 16 00-0796 EA 3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	318.21 22.21	49.35
22 13 16 00-0797 EA 4" x 4" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	480.39 24.28	53.89
22 13 16 00-0798 EA 4" x 4" x 3" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Wyes <i>For Work In Restricted Working Space, Add</i>	619.43 27.54	61.09
22 13 16 00-0799 Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bend (22 13 16 00-0730)		
22 13 16 00-0800 EA 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	111.30 11.10	24.68
22 13 16 00-0801 EA 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	143.91 14.21	31.58
22 13 16 00-0802 EA 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	222.72 19.10	42.44
22 13 16 00-0803 EA 4" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	382.83 21.17	47.04
22 13 16 00-0804 Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Combination Wye And 1/8 Bend (22 13 16 00-0730)		
22 13 16 00-0805 EA 2" x 2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	122.10 13.18	29.21
22 13 16 00-0806 EA 3" x 3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends..... <i>For Work In Restricted Working Space, Add</i>	239.89 16.43	36.52
22 13 16 00-0807 EA 3" x 3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	173.92 17.47	38.79

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 16 00-0808	EA	4" x 4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	322.84 19.55	43.42
22 13 16 00-0809	EA	4" x 4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	349.60 21.17	46.98
22 13 16 00-0810		Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bend <small>(22 13 16 00-0730)</small>		
22 13 16 00-0811	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	237.94 18.95	42.04
22 13 16 00-0812	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	487.98 25.46	56.56
22 13 16 00-0813		Acrylonitrile Butadiene Styrene (ABS) DWV Reducing Double Combination Wye And 1/8 Bend <small>(22 13 16 00-0730)</small>		
22 13 16 00-0814	EA	2" x 2" x 1-1/2" x 1-1/2 Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	196.90 16.88	37.51
22 13 16 00-0815	EA	3" x 3" x 2" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	470.25 22.21	49.35
22 13 16 00-0816		Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <small>(22 13 16 00-0730)</small>		
22 13 16 00-0817	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	124.38 11.10	24.68
22 13 16 00-0818	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	156.99 14.21	31.58
22 13 16 00-0819	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	251.97 19.10	42.44
22 13 16 00-0820	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Tees With Plug <i>For Work In Restricted Working Space, Add</i>	426.02 22.21	49.35
22 13 16 00-0821		Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <small>(22 13 16 00-0730)</small>		
22 13 16 00-0822	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	54.63 7.40	16.48
22 13 16 00-0823	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	79.92 9.47	21.03
22 13 16 00-0824	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	116.73 12.73	28.22
22 13 16 00-0825	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	224.23 14.81	32.87
22 13 16 00-0826	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	544.28 19.25	42.74
22 13 16 00-0827		Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <small>(22 13 16 00-0730)</small>		
22 13 16 00-0828	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	35.00 7.40	16.48
22 13 16 00-0829	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	42.47 9.47	21.03
22 13 16 00-0830	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	72.05 12.73	28.22
22 13 16 00-0831	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	98.17 14.81	32.87
22 13 16 00-0832	EA	6" Acrylonitrile Butadiene Styrene (ABS) DWV Couplings <i>For Work In Restricted Working Space, Add</i>	305.46 19.25	42.74
22 13 16 00-0833		Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <small>(22 13 16 00-0730)</small>		
22 13 16 00-0834	EA	2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	54.30 8.44	18.75
22 13 16 00-0835	EA	3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	116.53 10.07	22.31
22 13 16 00-0836	EA	3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	106.59 11.10	24.68
22 13 16 00-0837	EA	4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	177.70 12.14	26.94
22 13 16 00-0838	EA	4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Reducers <i>For Work In Restricted Working Space, Add</i>	189.47 13.77	30.59
22 13 16 00-0839		Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <small>(22 13 16 00-0730)</small>		
22 13 16 00-0840	EA	1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	87.75 11.10	24.68
22 13 16 00-0841	EA	2" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	129.50 14.21	31.58
22 13 16 00-0842	EA	3" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	439.82 19.10	42.44
22 13 16 00-0843	EA	4" Acrylonitrile Butadiene Styrene (ABS) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	844.69 22.21	49.35

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	22 13 16 00-0844			Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges <small>(22 13 16 00-0730)</small>		
	22 13 16 00-0845	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges.....	120.19	32.87
				<i>For Work In Restricted Working Space, Add</i>	14.81	
	22 13 16 00-0846	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Closet Flanges.....	112.33	30.59
				<i>For Work In Restricted Working Space, Add</i>	13.77	
	22 13 16 00-0847			Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters <small>(22 13 16 00-0730)</small>		
	22 13 16 00-0848	EA		1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters	25.51	8.19
				<i>For Work In Restricted Working Space, Add</i>	3.70	
	22 13 16 00-0849	EA		2" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters.....	39.14	10.56
				<i>For Work In Restricted Working Space, Add</i>	4.74	
	22 13 16 00-0850	EA		3" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters.....	89.24	14.11
				<i>For Work In Restricted Working Space, Add</i>	6.37	
	22 13 16 00-0851	EA		4" Acrylonitrile Butadiene Styrene (ABS) DWV Male Adapters.....	175.17	16.48
				<i>For Work In Restricted Working Space, Add</i>	7.40	
	22 13 16 00-0852			Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushings <small>(22 13 16 00-0730)</small>		
	22 13 16 00-0853	EA		2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing.....	39.02	18.75
				<i>For Work In Restricted Working Space, Add</i>	8.44	
	22 13 16 00-0854	EA		3" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing.....	92.28	22.31
				<i>For Work In Restricted Working Space, Add</i>	10.07	
	22 13 16 00-0855	EA		3" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing.....	74.32	24.68
				<i>For Work In Restricted Working Space, Add</i>	11.10	
	22 13 16 00-0856	EA		4" x 2" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing.....	175.81	26.94
				<i>For Work In Restricted Working Space, Add</i>	12.14	
	22 13 16 00-0857	EA		4" x 3" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing.....	124.32	30.59
				<i>For Work In Restricted Working Space, Add</i>	13.77	
	22 13 16 00-0858	EA		6" x 4" Acrylonitrile Butadiene Styrene (ABS) DWV Flush Bushing.....	361.65	36.03
				<i>For Work In Restricted Working Space, Add</i>	16.23	
	22 13 16 00-0859			Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Couplings <small>(22 13 16 00-0730)</small>		
	22 13 16 00-0860	EA		1-1/2" x 1-1/2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling.....	114.13	16.48
				<i>For Work In Restricted Working Space, Add</i>	7.40	
	22 13 16 00-0861	EA		2" x 2" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	126.99	21.03
				<i>For Work In Restricted Working Space, Add</i>	9.47	
	22 13 16 00-0862	EA		3" x 3" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	143.82	28.22
				<i>For Work In Restricted Working Space, Add</i>	12.73	
	22 13 16 00-0863	EA		4" x 4" Acrylonitrile Butadiene Styrene (ABS) To Polyvinyl Chloride (PVC) Flexible Coupling	156.69	32.87
				<i>For Work In Restricted Working Space, Add</i>	14.81	
	22 13 16 00-0864			Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe <small>(22 13 16 00-0717)</small>		
				Note: In place piping.		
	22 13 16 00-0865	EA		1-1/2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.23	
	22 13 16 00-0866	EA		2", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	7.96	
	22 13 16 00-0867	EA		3", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	10.12	
	22 13 16 00-0868	EA		4", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	13.66	
	22 13 16 00-0869	EA		6", Cut And Prepare Existing Acrylonitrile Butadiene Styrene (ABS) DWV Pipe	19.52	
	22 13 16 00-0870			Elastomeric Flexible Pipe Couplings <small>(22 13 16)</small>		
	22 13 16 00-0871			Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Couplings <small>(22 13 16 00-0870)</small>		
				Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
	22 13 16 00-0872	EA		1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-125)	13.02	4.29
				<i>For Work In Restricted Working Space, Add</i>	2.57	
	22 13 16 00-0873	EA		1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	14.04	4.55
				<i>For Work In Restricted Working Space, Add</i>	2.73	
	22 13 16 00-0874	EA		2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	14.76	4.83
				<i>For Work In Restricted Working Space, Add</i>	2.99	
	22 13 16 00-0875	EA		3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	17.11	5.09
				<i>For Work In Restricted Working Space, Add</i>	3.06	
	22 13 16 00-0876	EA		4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	19.38	5.36
				<i>For Work In Restricted Working Space, Add</i>	3.22	
	22 13 16 00-0877	EA		5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	24.82	5.62
				<i>For Work In Restricted Working Space, Add</i>	3.38	
	22 13 16 00-0878	EA		6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	30.31	5.89
				<i>For Work In Restricted Working Space, Add</i>	3.54	
	22 13 16 00-0879	EA		8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	41.35	6.43
				<i>For Work In Restricted Working Space, Add</i>	3.86	
	22 13 16 00-0880	EA		10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	54.59	7.51
				<i>For Work In Restricted Working Space, Add</i>	4.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 16 00-0881			Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Couplings <small>(22 13 16 00-0870)</small>		
			Note: For cast iron or plastic to cast iron or plastic pipe (Cast Iron/Plastic To Cast Iron/Plastic). Includes stainless steel clamps.		
22 13 16 00-0882	EA		1-1/2" x 1-1/4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-150/125)	13.87	4.55
			<i>For Work In Restricted Working Space, Add</i>	2.73	
22 13 16 00-0883	EA		2" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-215)	15.05	4.83
			<i>For Work In Restricted Working Space, Add</i>	2.89	
22 13 16 00-0884	EA		3" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-315)	18.53	5.09
			<i>For Work In Restricted Working Space, Add</i>	3.06	
22 13 16 00-0885	EA		3" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-32)	16.58	5.09
			<i>For Work In Restricted Working Space, Add</i>	3.06	
22 13 16 00-0886	EA		4" x 1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-415)	22.89	5.36
			<i>For Work In Restricted Working Space, Add</i>	3.22	
22 13 16 00-0887	EA		4" x 2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-42)	21.90	5.36
			<i>For Work In Restricted Working Space, Add</i>	3.22	
22 13 16 00-0888	EA		4" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-43)	20.04	5.36
			<i>For Work In Restricted Working Space, Add</i>	3.22	
22 13 16 00-0889	EA		5" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-53)	29.17	5.62
			<i>For Work In Restricted Working Space, Add</i>	3.38	
22 13 16 00-0890	EA		5" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-54)	26.33	5.62
			<i>For Work In Restricted Working Space, Add</i>	3.38	
22 13 16 00-0891	EA		6" x 3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-63)	36.16	5.89
			<i>For Work In Restricted Working Space, Add</i>	3.54	
22 13 16 00-0892	EA		6" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-64)	31.92	5.89
			<i>For Work In Restricted Working Space, Add</i>	3.54	
22 13 16 00-0893	EA		6" x 5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-65)	33.10	5.89
			<i>For Work In Restricted Working Space, Add</i>	3.54	
22 13 16 00-0894	EA		8" x 4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-84)	65.03	10.72
			<i>For Work In Restricted Working Space, Add</i>	6.43	
22 13 16 00-0895	EA		8" x 6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-86)	53.28	10.72
			<i>For Work In Restricted Working Space, Add</i>	6.43	
22 13 16 00-0896	EA		10" x 8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Reducing Pipe Coupling (Fernco 1056-10-8)	67.48	12.06
			<i>For Work In Restricted Working Space, Add</i>	7.24	
22 13 16 00-0897			Elastomeric Flexible Pipe Caps (Fernco QC) <small>(22 13 16)</small>		
			Note: For cast iron, steel, copper or plastic pipe. Includes stainless steel clamp.		
22 13 16 00-0898	EA		1-1/2" Elastomeric Flexible Pipe Cap (Fernco QC-101)	47.59	28.93
22 13 16 00-0899	EA		2" Elastomeric Flexible Pipe Cap (Fernco QC-102)	51.08	30.76
22 13 16 00-0900	EA		3" Elastomeric Flexible Pipe Cap (Fernco QC-103)	59.19	35.26
22 13 16 00-0901	EA		4" Elastomeric Flexible Pipe Cap (Fernco QC-104)	78.07	46.62
22 13 16 00-0902	EA		5" Elastomeric Flexible Pipe Cap (Fernco QC-105)	93.61	55.73
22 13 16 00-0903	EA		6" Elastomeric Flexible Pipe Cap (Fernco QC-106)	107.83	64.31
22 13 16 00-0904	EA		8" Elastomeric Flexible Pipe Cap (Fernco QC-108)	145.16	81.45
22 13 16 00-0905	EA		10" Elastomeric Flexible Pipe Cap (Fernco QC-110)	179.40	91.09
22 13 16 00-0906	EA		12" Elastomeric Flexible Pipe Cap (Fernco QC-112)	228.56	101.28
22 13 16 00-0907			Cast Iron Vent Stack Flashing Sleeves With Caulking Recess (Josam 26450 Series) <small>(22 13 16)</small>		
22 13 16 00-0908	EA		1-1/2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	94.34	22.21
22 13 16 00-0909	EA		2" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	99.28	24.68
22 13 16 00-0910	EA		3" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	149.75	32.07
22 13 16 00-0911	EA		4" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	175.67	37.01
22 13 16 00-0912	EA		5" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	205.13	41.94
22 13 16 00-0913	EA		6" Cast Iron Vent Stack Flashing Sleeves With Caulking Recess	350.52	46.88
22 13 16 00-0914			Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess (Josam 26440 Series) <small>(22 13 16)</small>		
22 13 16 00-0915	EA		1-1/2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	199.92	22.21
22 13 16 00-0916	EA		2" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	204.86	24.68
22 13 16 00-0917	EA		3" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	242.92	32.07
22 13 16 00-0918	EA		4" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	304.61	37.01
22 13 16 00-0919	EA		5" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	418.15	41.94
22 13 16 00-0920	EA		6" Cast Iron Vent Stack Flashing Sleeves With Counterflashing Recess	428.02	46.88
22 13 16 00-0921			Cast Iron Vandal Proof Hooded Vent Cap (Josam 26700 Series) <small>(22 13 16)</small>		
			Note: Includes counterflashing collar, deep protective hood and recessed securing screws.		
22 13 16 00-0922	EA		1-1/2" Cast Iron Vandal Proof Hooded Vent Cap	385.79	22.21
22 13 16 00-0923	EA		2" Cast Iron Vandal Proof Hooded Vent Cap	390.73	24.68
22 13 16 00-0924	EA		3" Cast Iron Vandal Proof Hooded Vent Cap	448.21	32.07
22 13 16 00-0925	EA		4" Cast Iron Vandal Proof Hooded Vent Cap	504.31	37.01
22 13 16 00-0926	EA		5" Cast Iron Vandal Proof Hooded Vent Cap	588.86	41.94
22 13 16 00-0927	EA		6" Cast Iron Vandal Proof Hooded Vent Cap	643.18	46.88

22 13 19 Sanitary Waste Piping Specialties (22 13)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13 Sanitary Drains <small>(22 13 19)</small>						
22 13 19 13-0001 Round Top Floor Drains <small>(22 13 19 13)</small>						
	22 13 19 13-0002	EA		Bronze Top, 6" Round Top Floor Drain With 1-1/2" Outlet <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	836.76 22.50 11.00 105.00	106.10
	22 13 19 13-0003	EA		Bronze Top, 6" Round Top Floor Drain With 2" Outlet..... <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	918.27 22.50 11.00 105.00	118.93
	22 13 19 13-0004	EA		Bronze Top, 6" Round Top Floor Drain With 3" Outlet..... <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	887.79 22.50 11.00 105.00	131.56
	22 13 19 13-0005	EA		Bronze Top, 6" Round Top Floor Drain With 4" Outlet..... <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	914.89 22.50 11.00 105.00	145.19
	22 13 19 13-0006	EA		Cast Iron Top, 9" Round Top Floor Drain With 2" Outlet <i>For Cast Iron Dome Grate, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Extension Collar, Each 3", Add</i> <i>For Nikaloy Dome Grate, Add</i> <i>For Bronze Dome Grate, Add</i> <i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Ductile Iron Grate, Add</i>	833.65 17.00 30.50 117.50 178.50 143.00 57.50 87.50 48.00	118.93
	22 13 19 13-0007	EA		Cast Iron Top, 9" Round Top Floor Drain With 3" Outlet <i>For Cast Iron Dome Grate, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Extension Collar, Each 3", Add</i> <i>For Nikaloy Dome Grate, Add</i> <i>For Bronze Dome Grate, Add</i> <i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Ductile Iron Grate, Add</i>	859.01 17.00 30.50 117.50 178.50 143.00 57.50 87.50 48.00	131.56
	22 13 19 13-0008	EA		Cast Iron Top, 9" Round Top Floor Drain With 4" Outlet <i>For Cast Iron Dome Grate, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Extension Collar, Each 3", Add</i> <i>For Nikaloy Dome Grate, Add</i> <i>For Bronze Dome Grate, Add</i> <i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Ductile Iron Grate, Add</i>	886.11 17.00 30.50 117.50 178.50 143.00 57.50 87.50 48.00	145.19
	22 13 19 13-0009	EA		Nikaloy Top, 9" Round Top Floor Drain With 2" Outlet <i>For Cast Iron Dome Grate, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Extension Collar, Each 3", Add</i> <i>For Nikaloy Dome Grate, Add</i> <i>For Bronze Dome Grate, Add</i> <i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Ductile Iron Grate, Add</i>	1,426.59 17.00 30.50 117.50 178.50 143.00 57.50 87.50 48.00	118.93
	22 13 19 13-0010	EA		Nikaloy Top, 9" Round Top Floor Drain With 3" Outlet <i>For Cast Iron Dome Grate, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Extension Collar, Each 3", Add</i> <i>For Nikaloy Dome Grate, Add</i> <i>For Bronze Dome Grate, Add</i> <i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Ductile Iron Grate, Add</i>	1,451.95 17.00 30.50 117.50 178.50 143.00 57.50 87.50 48.00	131.56
	22 13 19 13-0011	EA		Nikaloy Top, 9" Round Top Floor Drain With 4" Outlet <i>For Cast Iron Dome Grate, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Extension Collar, Each 3", Add</i> <i>For Nikaloy Dome Grate, Add</i> <i>For Bronze Dome Grate, Add</i> <i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Ductile Iron Grate, Add</i>	1,479.05 17.00 30.50 117.50 178.50 143.00 57.50 87.50 48.00	145.19
	22 13 19 13-0012	EA		Bronze Top, 9" Round Top Floor Drain With 2" Outlet..... <i>For Cast Iron Dome Grate, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Extension Collar, Each 3", Add</i> <i>For Nikaloy Dome Grate, Add</i> <i>For Bronze Dome Grate, Add</i> <i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Ductile Iron Grate, Add</i>	1,340.24 17.00 30.50 117.50 178.50 143.00 57.50 87.50 48.00	118.93

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19	13-0013	EA	Bronze Top, 9" Round Top Floor Drain With 3" Outlet.....	1,365.46	131.56
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
22 13 19	13-0014	EA	Bronze Top, 9" Round Top Floor Drain With 4" Outlet.....	1,392.70	145.19
			<i>For Cast Iron Dome Grate, Add</i>	17.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Galvanized Extension Collar, Each 3", Add</i>	117.50	
			<i>For Nikaloy Dome Grate, Add</i>	178.50	
			<i>For Bronze Dome Grate, Add</i>	143.00	
			<i>For Cast Iron Extension Collar, Each 3" (76 mm), Add</i>	57.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
			<i>For Ductile Iron Grate, Add</i>	48.00	
22 13 19	13-0015	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 2" Outlet	1,478.28	118.83
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
			<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
			<i>For Cast Iron Dome Grate, Add</i>	28.00	
			<i>For Ductile Iron Grate, Add</i>	53.00	
			<i>For Bronze Dome Grate, Add</i>	218.50	
			<i>For Nikaloy Dome Grate, Add</i>	255.00	
			<i>For Chained Grate, Add</i>	48.50	
22 13 19	13-0016	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 3" Outlet	1,503.62	131.56
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
			<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
			<i>For Cast Iron Dome Grate, Add</i>	28.00	
			<i>For Ductile Iron Grate, Add</i>	53.00	
			<i>For Bronze Dome Grate, Add</i>	218.50	
			<i>For Nikaloy Dome Grate, Add</i>	255.00	
			<i>For Chained Grate, Add</i>	48.50	
22 13 19	13-0017	EA	Cast Iron Top, 12-5/8" Round Top Floor Drain With 4" Outlet	1,530.86	145.19
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
			<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
			<i>For Cast Iron Dome Grate, Add</i>	28.00	
			<i>For Ductile Iron Grate, Add</i>	53.00	
			<i>For Bronze Dome Grate, Add</i>	218.50	
			<i>For Nikaloy Dome Grate, Add</i>	255.00	
			<i>For Chained Grate, Add</i>	48.50	
22 13 19	13-0018	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,364.81	118.83
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
			<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
			<i>For Cast Iron Dome Grate, Add</i>	28.00	
			<i>For Ductile Iron Grate, Add</i>	53.00	
			<i>For Bronze Dome Grate, Add</i>	218.50	
			<i>For Nikaloy Dome Grate, Add</i>	255.00	
			<i>For Chained Grate, Add</i>	48.50	
22 13 19	13-0019	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,390.15	131.56
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
			<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
			<i>For Cast Iron Dome Grate, Add</i>	28.00	
			<i>For Ductile Iron Grate, Add</i>	53.00	
			<i>For Bronze Dome Grate, Add</i>	218.50	
			<i>For Nikaloy Dome Grate, Add</i>	255.00	
			<i>For Chained Grate, Add</i>	48.50	
22 13 19	13-0020	EA	Nikaloy Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,417.39	145.19
			<i>For Galvanized Cast Iron Parts, Add</i>	132.00	
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Cast Iron Extension Collar, Each 2", Add</i>	51.00	
			<i>For Galvanized Extension Collar, Each 2", Add</i>	102.50	
			<i>For Cast Iron Dome Grate, Add</i>	28.00	
			<i>For Ductile Iron Grate, Add</i>	53.00	
			<i>For Bronze Dome Grate, Add</i>	218.50	
			<i>For Nikaloy Dome Grate, Add</i>	255.00	
			<i>For Chained Grate, Add</i>	48.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0021 EA Bronze Top, 12-5/8" Round Top Floor Drain With 2" Outlet	2,246.80	118.83
For Galvanized Cast Iron Parts, Add	132.00	
For Vandal Proof Screws, Add	30.50	
For Primer Tap, Add	33.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Cast Iron Dome Grate, Add	28.00	
For Ductile Iron Grate, Add	53.00	
For Bronze Dome Grate, Add	218.50	
For Nikaloy Dome Grate, Add	255.00	
For Chained Grate, Add	48.50	
22 13 19 13-0022 EA Bronze Top, 12-5/8" Round Top Floor Drain With 3" Outlet	2,272.14	131.56
For Galvanized Cast Iron Parts, Add	132.00	
For Vandal Proof Screws, Add	30.50	
For Primer Tap, Add	33.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Cast Iron Dome Grate, Add	28.00	
For Ductile Iron Grate, Add	53.00	
For Bronze Dome Grate, Add	218.50	
For Nikaloy Dome Grate, Add	255.00	
For Chained Grate, Add	48.50	
22 13 19 13-0023 EA Bronze Top, 12-5/8" Round Top Floor Drain With 4" Outlet	2,299.38	145.19
For Galvanized Cast Iron Parts, Add	132.00	
For Vandal Proof Screws, Add	30.50	
For Primer Tap, Add	33.50	
For Cast Iron Extension Collar, Each 2", Add	51.00	
For Galvanized Extension Collar, Each 2", Add	102.50	
For Cast Iron Dome Grate, Add	28.00	
For Ductile Iron Grate, Add	53.00	
For Bronze Dome Grate, Add	218.50	
For Nikaloy Dome Grate, Add	255.00	
For Chained Grate, Add	48.50	
22 13 19 13-0024 Square Or Rectangular Top Drains (22 13 19 13)		
22 13 19 13-0025 EA 5" x 5" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	997.59	118.83
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0026 EA 5" x 5" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	1,023.21	131.66
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0027 EA 5" x 5" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	1,050.17	145.19
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0028 EA 6" x 6" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	1,083.94	118.83
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0029 EA 6" x 6" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	1,109.56	131.66
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0030 EA 6" x 6" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	1,136.52	145.19
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0031 EA 8" x 8" Floor Drain With 2" Bottom Outlet, Nikaloy Top.....	1,463.89	118.83
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0032 EA 8" x 8" Floor Drain With 3" Bottom Outlet, Nikaloy Top.....	1,489.51	131.66
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0033 EA 8" x 8" Floor Drain With 4" Bottom Outlet, Nikaloy Top.....	1,516.47	145.19
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0034 EA 5" x 5" Floor Drain With 2" Bottom Outlet, Bronze Top.....	934.27	118.83
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0035 EA 5" x 5" Floor Drain With 3" Bottom Outlet, Bronze Top.....	959.89	131.66
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0036 EA 5" x 5" Floor Drain With 4" Bottom Outlet, Bronze Top.....	986.85	145.19
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	
22 13 19 13-0037 EA 6" x 6" Floor Drain With 2" Bottom Outlet, Bronze Top.....	1,043.65	118.83
For Sediment Bucket, Add	22.50	
For Vandal Proof Screws, Add	11.00	
For Galvanized Cast Iron Parts, Add	105.00	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0038	EA		6" x 6" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,069.27 22.50 11.00 105.00	131.66
22 13 19 13-0039	EA		6" x 6" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,096.23 22.50 11.00 105.00	145.19
22 13 19 13-0040	EA		8" x 8" Floor Drain With 2" Bottom Outlet, Bronze Top <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,351.63 22.50 11.00 105.00	118.83
22 13 19 13-0041	EA		8" x 8" Floor Drain With 3" Bottom Outlet, Bronze Top <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,377.25 22.50 11.00 105.00	131.66
22 13 19 13-0042	EA		8" x 8" Floor Drain With 4" Bottom Outlet, Bronze Top <i>For Sediment Bucket, Add</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,404.21 22.50 11.00 105.00	145.19
22 13 19 13-0043	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Cast Iron Top <i>For No-Hub Side Outlet, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Chained Grate, Add</i>	3,599.34 76.00 318.00 48.50	131.66
22 13 19 13-0044	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Cast Iron Top <i>For No-Hub Side Outlet, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Chained Grate, Add</i>	3,626.30 76.00 318.00 48.50	145.19
22 13 19 13-0045	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Nikaloy Top <i>For No-Hub Side Outlet, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Chained Grate, Add</i>	4,537.68 76.00 318.00 48.50	131.66
22 13 19 13-0046	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Nikaloy Top <i>For No-Hub Side Outlet, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Chained Grate, Add</i>	4,564.64 76.00 318.00 48.50	145.19
22 13 19 13-0047	EA		12" x 12" Can Wash Drain With 3" Bottom Outlet, Bronze Top <i>For No-Hub Side Outlet, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Chained Grate, Add</i>	4,425.42 76.00 318.00 48.50	131.66
22 13 19 13-0048	EA		12" x 12" Can Wash Drain With 4" Bottom Outlet, Bronze Top <i>For No-Hub Side Outlet, Add</i> <i>For Galvanized Cast Iron Parts, Add</i> <i>For Chained Grate, Add</i>	4,452.38 76.00 318.00 48.50	145.19
22 13 19 13-0049	EA		5" x 9" Floor Drain With 2" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,486.91 22.50 120.94 11.00	118.83
22 13 19 13-0050	EA		5" x 9" Floor Drain With 3" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,512.53 22.50 120.94 11.00	131.66
22 13 19 13-0051	EA		5" x 9" Floor Drain With 4" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,539.49 22.50 120.94 11.00	145.19
22 13 19 13-0052	EA		5" x 13" Floor Drain With 2" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,933.06 22.50 120.94 11.00	118.83
22 13 19 13-0053	EA		5" x 13" Floor Drain With 3" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,958.68 22.50 120.94 11.00	131.66
22 13 19 13-0054	EA		5" x 13" Floor Drain With 4" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,985.64 22.50 120.94 11.00	145.19
22 13 19 13-0055	EA		5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,036.68 22.50 120.94 11.00	118.83
22 13 19 13-0056	EA		5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,062.30 22.50 120.94 11.00	131.66
22 13 19 13-0057	EA		5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,089.26 22.50 120.94 11.00	145.19
22 13 19 13-0058	EA		5" x 21" Floor Drain With 2" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,839.74 22.50 120.94 11.00	118.83
22 13 19 13-0059	EA		5" x 21" Floor Drain With 3" Bottom Outlet, Nikaloy Top <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,865.36 22.50 120.94 11.00	131.66

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0060 EA 5" x 21" Floor Drain With 4" Bottom Outlet, Nikaloy Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,892.32 22.50 120.94 11.00	145.19
22 13 19 13-0061 EA 5" x 9" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,394.81 22.50 120.94 11.00	118.83
22 13 19 13-0062 EA 5" x 9" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,420.43 22.50 120.94 11.00	131.66
22 13 19 13-0063 EA 5" x 9" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,447.39 22.50 120.94 11.00	145.19
22 13 19 13-0064 EA 5" x 13" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,774.75 22.50 120.94 11.00	118.83
22 13 19 13-0065 EA 5" x 13" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,800.37 22.50 120.94 11.00	131.66
22 13 19 13-0066 EA 5" x 13" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,827.33 22.50 120.94 11.00	145.19
22 13 19 13-0067 EA 5" x 16-3/4" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,878.37 22.50 120.94 11.00	118.83
22 13 19 13-0068 EA 5" x 16-5/8" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,903.99 22.50 120.94 11.00	131.66
22 13 19 13-0069 EA 5" x 16-3/4" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	1,930.95 22.50 120.94 11.00	145.19
22 13 19 13-0070 EA 5" x 21" Floor Drain With 2" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,531.75 22.50 120.94 11.00	118.83
22 13 19 13-0071 EA 5" x 21" Floor Drain With 3" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,557.37 22.50 120.94 11.00	131.66
22 13 19 13-0072 EA 5" x 21" Floor Drain With 4" Bottom Outlet, Bronze Top..... <i>For Sediment Bucket, Add</i> <i>For Rough Bronze Body, Add</i> <i>For Vandal Proof Screws, Add</i>	2,584.33 22.50 120.94 11.00	145.19
22 13 19 13-0073 Funnel Type Floor Drains <small>(22 13 19 13)</small>		
22 13 19 13-0074 EA 7" Diameter Floor Drain With 4" Round Funnel With 1-1/2" Outlet, Bronze Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,406.77 -19.50 11.00 105.00	106.10
22 13 19 13-0075 EA 7" Diameter Floor Drain With 4" Round Funnel With 2" Outlet, Bronze Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,432.23 -19.50 11.00 105.00	118.83
22 13 19 13-0076 EA 7" Diameter Floor Drain With 4" Round Funnel With 3" Outlet, Bronze Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,457.57 -19.50 11.00 105.00	131.56
22 13 19 13-0077 EA 7" Diameter Floor Drain With 4" Round Funnel With 4" Outlet, Bronze Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,484.81 -19.50 11.00 105.00	145.19
22 13 19 13-0078 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Nikaloy Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,079.85 -19.50 11.00 105.00	118.83
22 13 19 13-0079 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Nikaloy Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,105.19 -19.50 11.00 105.00	131.56
22 13 19 13-0080 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Nikaloy Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,132.43 -19.50 11.00 105.00	145.19
22 13 19 13-0081 EA 7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 2" Outlet, Bronze Top..... <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,967.60 -19.50 11.00 105.00	118.83

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19	13-0082	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 3" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,992.94 -19.50 11.00 105.00	131.56
22 13 19	13-0083	EA	7" Diameter Floor Drain With 9" x 3-1/2" Oval Funnel With 4" Outlet, Bronze Top <i>For Satin Finish Bronze Top, Deduct</i> <i>For Vandal Proof Screws, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,020.18 -19.50 11.00 105.00	145.19
22 13 19 13-0084 Floor Drain With Sediment Bucket Bottom Outlet ^(22 13 19 13)					
22 13 19	13-0085	EA	12-5/8" Round Floor Drain With Sediment Bucket, 2" Bottom Outlet, Satin Bronze Top, Without Trap <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,053.09 30.50 33.50 132.00	106.10
22 13 19	13-0086	EA	12-5/8" Round Floor Drain With Sediment Bucket, 3" Bottom Outlet, Satin Bronze Top, Without Trap <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,078.64 30.50 33.50 132.00	118.83
22 13 19	13-0087	EA	12-5/8" Round Floor Drain With Sediment Bucket, 4" Bottom Outlet, Satin Bronze Top, Without Trap <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,103.98 30.50 33.50 132.00	131.56
22 13 19	13-0088	EA	12-5/8" Round Floor Drain With Sediment Bucket, 5" Bottom Outlet, Satin Bronze Top, Without Trap <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,131.22 30.50 33.50 132.00	145.19
22 13 19	13-0089	EA	12-5/8" Round Floor Drain With Sediment Bucket, 6" Bottom Outlet, Satin Bronze Top, Without Trap <i>For Vandal Proof Screws, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,159.31 30.50 33.50 132.00	159.20
22 13 19	13-0090	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,297.40 29.50 77.50 31.00 273.75	118.83
22 13 19	13-0091	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,323.02 29.50 77.50 31.00 273.75	131.66
22 13 19	13-0092	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,349.98 29.50 77.50 31.00 273.75	145.19
22 13 19	13-0093	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Nikaloy Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,378.07 29.50 77.50 31.00 273.75	159.20
22 13 19	13-0094	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	1,999.26 29.50 77.50 31.00 273.75	118.83
22 13 19	13-0095	EA	12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,024.88 29.50 77.50 31.00 273.75	131.66
22 13 19	13-0096	EA	12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,051.84 29.50 77.50 31.00 273.75	145.19
22 13 19	13-0097	EA	12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Cast Iron Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	2,079.93 29.50 77.50 31.00 273.75	159.20
22 13 19	13-0098	EA	12" x 12" Floor Drain With Sediment Bucket, 2" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate <i>For Vandal Proof Screws, Add</i> <i>For Aluminum Bucket, Add</i> <i>For Primer Tap, Add</i> <i>For Galvanized Cast Iron Parts, Add</i>	3,072.88 29.50 77.50 31.00 273.75	118.83

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 13-0099	EA		12" x 12" Floor Drain With Sediment Bucket, 3" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	3,098.50	131.66
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0100	EA		12" x 12" Floor Drain With Sediment Bucket, 4" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	3,125.46	145.19
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0101	EA		12" x 12" Floor Drain With Sediment Bucket, 6" Bottom Outlet, Bronze Top, Heavy Duty Loose-Set Cast Iron Grate	3,153.55	159.20
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Aluminum Bucket, Add</i>	77.50	
			<i>For Primer Tap, Add</i>	31.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	273.75	
22 13 19 13-0102			Other Drains <small>(22 13 19 13)</small>		
22 13 19 13-0103			Shower Drains <small>(22 13 19 13-0102)</small>		
22 13 19 13-0104	EA		4-1/4" Stainless Steel Shower Drain Strainer	49.34	10.72
			Note: Includes two 2-5/8" screws.		
22 13 19 13-0105	EA		4-1/4" Brass Shower Drain Strainer	55.15	10.72
			Note: Includes two 2-5/8" screws.		
22 13 19 13-0106	EA		4" Brass Shower Drain For Polyvinyl Chloride (PVC) Pipe	112.82	21.44
			Note: Fits over 2" polyvinyl chloride (PVC) pipe or inside 3" polyvinyl chloride (PVC) pipe.		
22 13 19 13-0107	EA		4" Chrome Finish, Threaded Brass Shower Drain And Gasket	146.24	21.44
			Note: For 2" pipe. Kohler K-9132.		
22 13 19 13-0108			Acid Resistant Floor Drains <small>(22 13 19 13-0102)</small>		
22 13 19 13-0109	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Acid Resistant Top	1,418.19	106.10
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 13 19 13-0110	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Acid Resistant Top	1,443.74	118.83
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 13 19 13-0111	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Acid Resistant Top	1,469.08	131.56
			<i>For Vandal Proof Screws, Add</i>	30.50	
			<i>For Primer Tap, Add</i>	33.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 13 19 13-0112			Rotary And Lever Drains <small>(22 13 19 13-0102)</small>		
22 13 19 13-0113	EA		1-1/2" Drain, 3" Sink Opening Lever Drain	253.16	71.56
22 13 19 13-0114	EA		2" Drain, 3" Sink Opening Lever Drain	267.97	78.95
22 13 19 13-0115	EA		1-1/2" Drain, 3-1/2" Sink Opening Lever Drain	253.16	71.56
22 13 19 13-0116	EA		2" Drain, 3-1/2" Sink Opening Lever Drain	267.97	78.95
22 13 19 13-0117	EA		1-1/2" Drain, 3" Sink Opening Twist Drain	253.16	71.56
22 13 19 13-0118	EA		2" Drain, 3" Sink Opening Twist Drain	267.97	78.95
22 13 19 13-0119	EA		1-1/2" Drain, 3-1/2" Sink Opening Twist Drain	253.16	71.56
22 13 19 13-0120	EA		2" Drain, 3-1/2" Sink Opening Twist Drain	267.97	78.95
22 13 19 13-0121	EA		1-1/2" To 2" Drain, 3-1/2" Sink Opening Rotary Twist Drain (Fisher 16100)	352.87	78.95
22 13 19 13-0122			Floor Receptor <small>(22 13 19 13)</small>		
22 13 19 13-0123			9" Diameter Round Shallow Receptor <small>(22 13 19 13-0122)</small>		
			Note: With slotted medium duty grate, aluminum secondary strainer and white acid resisting coated interior and top.		
22 13 19 13-0124	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 2" Drain Connection	1,746.13	118.93
			<i>For White Acid Resistant Bucket, Add</i>	47.00	
			<i>For Flange With Seepage Holes, Add</i>	58.50	
			<i>For Stainless Steel Liner For Bucket, Add</i>	62.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	97.00	
			<i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	33.50	
			<i>For Trap Primer Connection, Add</i>	38.00	
22 13 19 13-0125	EA		9" Diameter x 3" Shallow Cast Iron Floor Receptor, 3" Drain Connection	1,771.87	131.76
			<i>For White Acid Resistant Bucket, Add</i>	47.00	
			<i>For Flange With Seepage Holes, Add</i>	58.50	
			<i>For Stainless Steel Liner For Bucket, Add</i>	62.50	
			<i>For Flange With Seepage Holes And Clamp Collar, Add</i>	97.00	
			<i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i>	36.00	
			<i>For Vandal Proof Secured Grate, Add</i>	33.50	
			<i>For Trap Primer Connection, Add</i>	38.00	

22 Plumbing**22 10 Plumbing Piping****22 13 Facility Sanitary Sewerage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19	13-0126	EA	9" Diameter x 3" Shallow Cast Iron Floor Receptor, 4" Drain Connection <i>For White Acid Resistant Bucket, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i> <i>For Full Grate With 2" (50 mm) Square Center Opening, Add</i> <i>For Vandal Proof Secured Grate, Add</i> <i>For Trap Primer Connection, Add</i>	1,798.55 47.00 58.50 62.50 97.00 36.00 33.50 38.00	145.19
22 13 19	13-0127		Square Top Floor Receptors (22 13 19 13-0122) Note: With acid resistant coating.		
22 13 19	13-0128	EA	8" x 8" Floor Drain With 1-1/2" Bottom Outlet, Acid Resistant Top <i>For Vandal Proof Secured Grate, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i>	2,077.42 15.50 39.50 37.50 97.00 88.00 36.00 69.00	106.10
22 13 19	13-0129	EA	8" x 8" Floor Drain With 2" Bottom Outlet, Acid Resistant Top..... <i>For Vandal Proof Secured Grate, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i>	2,103.00 15.50 39.50 37.50 97.00 88.00 36.00 69.00	118.93
22 13 19	13-0130	EA	8" x 8" Floor Drain With 3" Bottom Outlet, Acid Resistant Top..... <i>For Vandal Proof Secured Grate, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i>	2,128.22 15.50 39.50 37.50 97.00 88.00 36.00 69.00	131.56
22 13 19	13-0131	EA	8" x 8" Floor Drain With 4" Bottom Outlet, Acid Resistant Top..... <i>For Vandal Proof Secured Grate, Add</i> <i>For Trap Primer Connection, Add</i> <i>For Flange With Seepage Holes, Add</i> <i>For Stainless Steel Liner For Bucket, Add</i> <i>For White Acid Resistant Bucket, Add</i> <i>For Full Grate With 2" Square Center Opening, Add</i> <i>For Flange With Seepage Holes And Clamp Collar, Add</i>	2,155.46 15.50 39.50 37.50 97.00 88.00 36.00 69.00	145.19
22 13 19	13-0132		Floor Drain Accessories (22 13 19 13) 22 13 19 13-0133 EA 3" Trap Guard Floor Drain Insert (ProVent TG3H)..... Note: Prevents emission of sewer gases. 22 13 19 13-0134 EA 2" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG22) Note: Prevents emission of sewer gases. 22 13 19 13-0135 EA 3" Trap Guard Drain Insert For Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG33) Note: Prevents emission of sewer gases. 22 13 19 13-0136 EA 3" Trap Guard Drain Insert For 4" Cast Iron Or Polyvinyl Chloride (PVC) Pipe (ProVent TG34IP)..... Note: Prevents emission of sewer gases. 22 13 19 13-0137 EA 3" Trap Guard Drain Insert For 4" Hub (ProVent TG34TP)..... Note: Prevents emission of sewer gases. 22 13 19 13-0138 EA 2" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-02) Note: Prevents emission of sewer gases. 22 13 19 13-0139 EA 3" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-03) Note: Prevents emission of sewer gases. 22 13 19 13-0140 EA 4" Quad Close Trap Seal, For Drain Body Or Strainer Throat (JRSmith 2692-04) Note: Prevents emission of sewer gases.	107.21 86.58 94.83 115.46 103.08 148.70 165.30 206.51	12.34 12.34 12.34 12.34 12.34 12.34 12.34 12.34
22 13 19 26			Grease Removal Devices (22 13 19) 22 13 19 26-0001 Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26) Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval and flow control fitting. 22 13 19 26-0002 Standard Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0001) Note: Josam 60100H/60210A, Smith 8100/8400, Wade 5100, or Zurn Z1173/Z1170 series. 22 13 19 26-0003 EA 7 GPM, 14 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60102H. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i> 22 13 19 26-0004 EA 10 GPM, 20 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60103H. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i> <i>For Flange And Clamp Device, Add</i> 22 13 19 26-0005 EA 15 GPM, 30 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60104H. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i> <i>For Flange And Clamp Device, Add</i>	1,260.27 1,306.44 1,471.01 1,379.99 371.20 2,095.91 1,506.98 383.53	74.03 166.56 185.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0006 EA 20 GPM, 40 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60105H. <i>For Flange And Clamp Device, Add</i> <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	2,534.76 395.87 1,628.53	203.56
22 13 19 26-0007 EA 25 GPM, 50 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60106H. <i>For Flange And Clamp Device, Add</i> <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	2,838.88 438.61 1,695.35	222.07
22 13 19 26-0008 EA 35 GPM, 70 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60107H. <i>For Flange And Clamp Device, Add</i> <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	3,488.46 474.48 1,864.84	259.08
22 13 19 26-0009 EA 50 GPM, 100 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60108H. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i> <i>For Flange And Clamp Device, Add</i>	4,557.20 1,987.29 540.12	296.09
22 13 19 26-0010 EA 75 GPM, 150 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60109H. <i>For Flange And Clamp Device, Add</i>	8,998.51 766.07	333.10
22 13 19 26-0011 EA 100 GPM, 200 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60110H. <i>For Flange And Clamp Device, Add</i>	10,188.51 890.43	423.63
22 13 19 26-0012 EA 150 GPM, 300 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60213A. <i>For Flange And Clamp Device, Add</i>	12,551.23 1,219.88	677.81
22 13 19 26-0013 EA 200 GPM, 400 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60214A. <i>For Flange And Clamp Device, Add</i>	18,026.72 1,462.13	847.27
22 13 19 26-0014 EA 250 GPM, 500 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60215A. <i>For Flange And Clamp Device, Add</i>	21,024.97 1,888.06	1,016.72
22 13 19 26-0015 EA 350 GPM, 700 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60216A. <i>For Flange And Clamp Device, Add</i>	27,335.92 2,238.79	1,186.18
22 13 19 26-0016 EA 500 GPM, 1,000 LB Capacity Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60217A. <i>For Flange And Clamp Device, Add</i>	35,388.39 2,625.04	1,355.63
22 13 19 26-0017 Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0001) Note: Josam 60110A, Smith 8100, Wade 5100LR, or Zurn Z1171 series.		
22 13 19 26-0018 EA 20 GPM, 40 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60115A.	3,663.94	203.56
22 13 19 26-0019 EA 35 GPM, 70 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Josam 60117A.	4,713.87	259.08
22 13 19 26-0020 EA 50 GPM, 100 LB Capacity Low Profile Manual Cleaning Epoxy Coated Steel Grease Interceptor Note: Smith 8150.	7,796.46	296.09
22 13 19 26-0021 Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26) Note: Includes internal air relief, visible double wall trap, removable baffle, gasketed non-skid cover bearing PDI seal of approval, grease recovery cone, flexible hose, grease draw off valve and flow control fitting.		
22 13 19 26-0022 Standard Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0021) Note: Josam 60100-SA, Smith 8300GTX, Wade 5100JCX, or Zurn Z1173-TD series.		
22 13 19 26-0023 EA 7 GPM, 14 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60102-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	3,224.92 1,306.44	74.03
22 13 19 26-0024 EA 10 GPM, 20 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60103-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	3,793.52 1,379.99	166.56
22 13 19 26-0025 EA 15 GPM, 30 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60104-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	4,052.01 1,506.98	185.05
22 13 19 26-0026 EA 20 GPM, 40 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60105-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	4,948.52 1,628.53	203.56
22 13 19 26-0027 EA 25 GPM, 50 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60106-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	5,969.06 1,695.35	222.07
22 13 19 26-0028 EA 35 GPM, 70 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60107-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	6,167.40 1,864.84	259.08
22 13 19 26-0029 EA 50 GPM, 100 LB Capacity Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60108-SA. <i>For Steel Enclosure Cabinet With Non-Skid Cover, Add</i>	7,040.11 1,987.29	296.09
22 13 19 26-0030 Low Profile Semi Automatic Cleaning Epoxy Coated Steel Grease Interceptor (22 13 19 26-0021) Note: Josam 60115A-SA, Smith 8100GTX, or Zurn Z1171-TD series.		
22 13 19 26-0031 EA 35 GPM, 70 LB Capacity Low Profile Semi Automatic Epoxy Coated Steel Grease Interceptor Note: Josam 60115A-SA.	8,300.29	259.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 26-0032 Automatic Cleaning Stainless Steel Grease Interceptor <small>(22 13 19 26)</small>		
22 13 19 26-0033 EA 20 GPM, 69 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 20 Greasestopper).	7,049.26	203.56
22 13 19 26-0034 EA 25 GPM, 91 LB Capacity Automatic Cleaning Stainless Steel Grease Interceptor Note: Includes stainless steel screen basket, plastic grease container with lid and control box with digital timer (Lowe Engineering 25 Greasestopper).	8,205.19	222.07
22 13 19 26-0035 EA 35 GPM, 70 LB Capacity, 110 Volt, Automatic Cleaning Stainless Steel Grease Trap/Removal Device (Guardian GGX35)	7,020.02	259.08
22 13 19 26-0036 Precast Concrete Grease Interceptor <small>(22 13 19 26)</small>		
Note: Includes two access manholes, cast iron non-skid surface, lift hole, frame and cover for heavy-traffic.		
22 13 19 26-0037 EA 1,000 Gallon Pre-Cast Grease Interceptor.....	4,474.88	384.24
22 13 19 26-0038 EA 1,250 Gallon Pre-Cast Grease Interceptor.....	5,110.98	384.24
22 13 19 26-0039 EA 1,500 Gallon Pre-Cast Grease Interceptor.....	5,801.36	439.27
22 13 19 26-0040 EA 2,000 Gallon Pre-Cast Grease Interceptor.....	6,621.14	620.36
22 13 19 26-0041 EA 2,500 Gallon Pre-Cast Grease Interceptor.....	7,476.80	834.66
22 13 19 26-0042 EA 4,000 Gallon Pre-Cast Grease Interceptor.....	11,189.72	1,098.13
22 13 19 26-0043 EA 5,000 Gallon Pre-Cast Grease Interceptor.....	14,428.51	1,800.78
22 13 19 26-0044 Coated Steel Manual Oil Interceptor <small>(22 13 19 26)</small>		
Note: Includes internal air relief, and flow control fitting.		
22 13 19 26-0045 EA 10 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	10,042.63	281.86
22 13 19 26-0046 EA 15 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	13,673.77	334.92
22 13 19 26-0047 EA 20 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	16,540.16	412.08
22 13 19 26-0048 EA 25 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	17,962.34	446.37
22 13 19 26-0049 EA 35 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	21,727.95	487.10
22 13 19 26-0050 EA 50 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	28,984.11	535.86
22 13 19 26-0051 EA 75 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	49,575.81	616.86
22 13 19 26-0052 EA 100 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	53,931.83	758.98
22 13 19 26-0053 EA 150 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	66,566.81	822.65
22 13 19 26-0054 EA 200 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	93,698.43	986.97
22 13 19 26-0055 EA 250 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	108,335.52	1,061.00
22 13 19 26-0056 EA 350 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	136,755.19	1,265.31
22 13 19 26-0057 EA 400 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	166,714.23	1,036.82
22 13 19 26-0058 EA 500 GPM, Oil Interceptor, Coated Steel, Manual Draw-Off.....	197,473.28	1,233.73
22 13 19 33 Backwater Valves <small>(22 13 19)</small>		
22 13 19 33-0001 Cast Iron Body Terminal Backwater Valves <small>(22 13 19 33)</small>		
22 13 19 33-0002 EA 2" Cast Iron Body Terminal Backwater Valve	417.50	28.32
22 13 19 33-0003 EA 3" Cast Iron Body Terminal Backwater Valve	428.36	35.63
22 13 19 33-0004 EA 4" Cast Iron Body Terminal Backwater Valve	617.75	47.37
22 13 19 33-0005 EA 6" Cast Iron Body Terminal Backwater Valve	1,661.11	65.77
22 13 19 33-0006 EA 8" Cast Iron Body Terminal Backwater Valve	2,031.40	86.56
22 13 19 33-0007 EA 10" Cast Iron Body Terminal Backwater Valve	5,875.62	106.79
22 13 19 33-0008 EA 12" Cast Iron Body Terminal Backwater Valve	6,656.30	138.50
22 13 19 33-0009 Cast Iron Backwater Sewer Line Valve <small>(22 13 19 33)</small>		
Note: Offset type with bronze swing check assembly, threaded bronze cover, and bell and spigot connections.		
22 13 19 33-0010 EA 2" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,033.69	67.52
22 13 19 33-0011 EA 3" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,574.14	81.92
22 13 19 33-0012 EA 4" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	1,947.44	105.61
22 13 19 33-0013 EA 6" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	2,732.19	119.50
22 13 19 33-0014 EA 8" Backwater Sewer Valve, Cast Iron, Offset Type With Bronze Swing Check Assembly	3,786.32	141.60
22 13 19 33-0015 Cast Iron, Straight Through Shear Gate, Swing Check Backwater Valve <small>(22 13 19 33)</small>		
Note: Offset type with bronze, manually operated shear gate, non-rising stem, and bell and spigot connections.		
22 13 19 33-0016 EA 3" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	2,802.92	106.89
22 13 19 33-0017 EA 4" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	2,855.82	142.12
22 13 19 33-0018 EA 5" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	4,156.95	176.98
22 13 19 33-0019 EA 6" Cast Iron Body, Straight Through Shear Gate, Swing Check Backwater Valve.....	4,187.71	197.31
22 13 19 33-0020 Polyvinyl Chloride (PVC) Backwater Sewer Line Valve <small>(22 13 19 33)</small>		
Note: Oatey.		
22 13 19 33-0021 EA 3" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43900).....	134.12	35.63
22 13 19 33-0022 EA 4" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43904).....	160.04	47.37
22 13 19 33-0023 EA 6" Polyvinyl Chloride (PVC) Backwater Sewer Valve (Oatey 43908).....	477.99	65.77
22 13 19 33-0024 Polyvinyl Chloride (PVC) Extendable Backwater Valves <small>(22 13 19 33)</small>		
22 13 19 33-0025 EA 3" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check)..... Note: Includes valve body, flapper assembly and collar.	317.82	71.26
22 13 19 33-0026 EA 4" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check)..... Note: Includes valve body, flapper assembly and collar.	423.20	94.75

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 19 33-0027 EA 6" Polyvinyl Chloride (PVC) Extendable Backwater Sewer Valve (Rectorseal Clean Check).....	735.42	131.53
Note: Includes valve body, flapper assembly and collar.		
22 13 19 36 Air-Admittance Valves (22 13 19)		
22 13 19 36-0001 Acrylonitrile Butadiene Styrene (ABS) And Polyvinyl Chloride (PVC) Automatic Drain Vent (22 13 19 36)		
22 13 19 36-0002 EA 1-1/4", 1-1/2" And 2" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Mini Vent	298.89	13.82
22 13 19 36-0003 EA 2", 3" And 4" Acrylonitrile Butadiene Styrene (ABS) Or Polyvinyl Chloride (PVC) Automatic Drain Vent, Maxi Vent	359.15	13.82
22 13 23 Sanitary Waste Interceptors (22 13)		
22 13 23 00-0001 Sediment Bucket Solids Interceptors (22 13 23)		
22 13 23 00-0002 EA 1-1/2" Or 2" Top Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1180).....	1,244.69	139.76
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0003 EA 1-1/2" Or 2" Bottom Access, 15 GPM, Composite With Removable PVC Sediment Bucket Solids Interceptor (Zurn 1184).....	1,246.26	139.76
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0004 EA 1-1/2" Or 2" Top Access, Acid Resistant Coated Steel (Inside And Outside), Aluminum Cover, Removable Stainless Steel Sediment Bucket Solids Interceptor (Jay R. Smith 8714 ARIO).....	1,757.58	139.76
Note: On floor mount. Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0005 EA 1-1/2" Or 2" Bottom Access, 15 GPM, Acid Resistant Coated Cast Iron, Aluminum Strainer, Removable Stainless Steel Screens, Sediment Bucket Solids Interceptor (Jay R. Smith 8730-ARIO).....	1,757.58	139.76
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0006 EA 1-1/2" Or 2" Top Access, Acid Resistant Coated Cast Aluminum (Inside And Outside) Removable Stainless Steel Screen, Sediment Bucket Solids Interceptor (Josam 61030)	1,873.34	139.76
Note: Replaces P-Trap. Recovers all types of solids from precious metal particles, plaster, clay or similar materials.		
22 13 23 00-0007 Drum Trap, Solids Interceptors (22 13 23)		
22 13 23 00-0008 Extra Heavy Duty Cast Iron Drum Trap (22 13 23 00-0007)		
22 13 23 00-0009 EA 8-1/2" Diameter x 12-3/4" High Solids Interceptor, 1-1/2" Inlet/Outlet, Extra Heavy Cast Iron.....	1,768.60	138.17
For Acid Coating Inside Or Outside, Add		
	875.10	
For Acid Coating Inside And Outside, Add		
	1,053.36	
22 13 23 00-0010 EA 8-1/2" Diameter x 12-3/4" High Solids Interceptor, 2" Inlet/Outlet, Extra Heavy Cast Iron.....	1,793.28	157.92
For Acid Coating Inside Or Outside, Add		
	875.10	
For Acid Coating Inside And Outside, Add		
	1,053.36	
22 13 23 00-0011 Aluminum, Solid Interceptor, Drum Trap (22 13 23 00-0007)		
22 13 23 00-0012 EA 8-1/2" Diameter x 12-3/4" High Solids Interceptor, 1-1/2" Inlet/Outlet, Aluminum.....	2,425.94	138.17
22 13 23 00-0013 EA 8-1/2" Diameter x 12-3/4" High Solids Interceptor, 2" Inlet/Outlet, Aluminum.....	2,450.62	157.92
22 13 23 00-0014 Solid Interceptors, Cast Iron With Internal Deep Seal Trap (22 13 23)		
22 13 23 00-0015 EA 1-1/2" Inlet Cast Iron Solid Interceptor, Painted Enamel.....	318.13	47.80
For Stainless Steel Bucket, Add		
	175.00	
22 13 23 00-0016 EA 2" Inlet Cast Iron Solid Interceptor, Painted Enamel.....	324.24	50.91
For Stainless Steel Bucket, Add		
	175.00	
22 13 23 00-0017 Sediment Strainers (22 13 23)		
22 13 23 00-0018 EA 2" Strainer, Pump Suction Side	155.36	65.11
22 13 29 Sanitary Sewerage Pumps (22 13)		
Note: Includes extra set of gaskets, bearings and seals.		
22 13 29 13 Wet-Pit-Mounted, Vertical Sewerage Pumps (22 13 29)		
22 13 29 13-0001 Vertical Column, Flanged Discharge, Non-Clog Sump Or Drainage Pumps (Crane-DeMing Series 4500) (22 13 29 13)		
Note: Mounted on steel support plate. Excludes float and float switch, and sump cover See CSI section 22 13 29 13-0030 for float and float switch, 22 13 29 13-0034 for sump cover.		
22 13 29 13-0002 1-1/2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)		
22 13 29 13-0003 EA 1/2 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,257.24	1,183.98
22 13 29 13-0004 EA 3/4 HP, Up To 125 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,557.76	1,183.98
22 13 29 13-0005 EA 1 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	7,858.28	1,183.98
22 13 29 13-0006 EA 1-1/2 HP, Up To 150 GPM Sump Or Drainage Pump, Vertical Non-Clog, 2-1/2" Discharge Pipe, 1,750 RPM	8,144.93	1,183.98
22 13 29 13-0007 2" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)		
22 13 29 13-0008 EA 3/4 HP, Up To 75 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	8,089.45	1,183.98

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 13-0009	EA		1 HP, Up To 100 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM.....	8,205.03	1,183.98
22 13 29 13-0010	EA		2 HP, Up To 200 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM.....	8,285.94	1,183.98
22 13 29 13-0011	EA		3 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM.....	8,840.75	1,183.98
22 13 29 13-0012	EA		5 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM.....	9,384.00	1,183.98
22 13 29 13-0013	EA		7-1/2 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM	10,216.21	1,183.98
22 13 29 13-0014	EA		10 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM.....	11,048.42	1,183.98
22 13 29 13-0015	EA		15 HP, Up To 600 GPM Sump Or Drainage Pump, Vertical Non-Clog, 3" Discharge Pipe, 1,750 RPM.....	12,663.92	1,575.61
22 13 29 13-0016			3" Solids 1,750 RPM Vertical Sump Or Drainage Pumps (22 13 29 13-0001)		
22 13 29 13-0017	EA		2 HP, Up To 300 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	8,668.60	1,183.98
22 13 29 13-0018	EA		3 HP, Up To 400 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	8,668.60	1,183.98
22 13 29 13-0019	EA		5 HP, Up To 500 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	8,868.86	1,183.98
22 13 29 13-0020	EA		7-1/2 HP, Up To 700 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM	10,422.69	1,183.98
22 13 29 13-0021	EA		10 HP, Up To 800 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	10,695.26	1,183.98
22 13 29 13-0022	EA		15 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	12,759.80	1,575.61
22 13 29 13-0023	EA		20 HP, Up To 900 GPM Sump Or Drainage Pump, Vertical Non-Clog, 4" Discharge Pipe, 1,750 RPM.....	13,453.31	1,575.61
22 13 29 13-0024			Extra Column Assemblies Addition, 5' Or Less (22 13 29 13-0001)		
22 13 29 13-0025	EA		2-1/2" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	544.22	
22 13 29 13-0026	EA		3" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	653.44	
22 13 29 13-0027	EA		4" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	730.37	
22 13 29 13-0028	EA		5" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	743.67	
22 13 29 13-0029	EA		6" Diameter x 5' Long Extra Column Assembly For vertical sewage pumps.....	834.84	
22 13 29 13-0030			Float Switches (22 13 29 13-0001)		
			Note: Copper coated floats, brass rods and stops and switch brackets.		
22 13 29 13-0031	EA		Float Switch Copper Coated Float, Add, General Purpose For vertical sewage pumps	489.13	
22 13 29 13-0032	EA		Float Switch Copper Coated Float, Add, Weather Proof For vertical sewage pumps	513.82	
22 13 29 13-0033	EA		Float Switch Copper Coated Float, Add, Explosion Proof For vertical sewage pumps	525.22	
22 13 29 13-0034			Square Or Round Steel Sump Covers (22 13 29 13-0001)		
22 13 29 13-0035	EA		24" Steel Sump Covers, Square Or Round.....	883.06	39.48
22 13 29 13-0036	EA		30" Steel Sump Covers, Square Or Round.....	977.42	44.41
22 13 29 13-0037	EA		36" Steel Sump Covers, Square Or Round.....	1,357.61	59.22
22 13 29 13-0038	EA		40" Steel Sump Covers, Square Or Round.....	1,979.36	69.09
22 13 29 13-0039	EA		42" Steel Sump Covers, Square Or Round.....	2,123.46	71.56
22 13 29 13-0040	EA		48" Steel Sump Covers, Square Or Round.....	2,271.80	74.03
22 13 29 13-0041	EA		54" Steel Sump Covers, Square Or Round.....	2,896.93	88.83
22 13 29 13-0042	EA		60" Steel Sump Covers, Square Or Round.....	3,936.29	98.70
22 13 29 13-0043	EA		72" Steel Sump Covers, Square Or Round.....	4,991.90	123.38
22 13 29 13-0044	EA		84" Steel Sump Covers, Square Or Round.....	6,357.14	135.71
22 13 29 16			Submersible Sewerage Pumps (22 13 29)		
22 13 29 16-0001			Submersible Sewage Pumps With Vortex Impeller (22 13 29 16)		
22 13 29 16-0002			Submersible Single Seal Sewage Pumps With Cast Iron Vortex Impeller (22 13 29 16-0001)		
			Note: Includes 25' cord.		
22 13 29 16-0003	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,518.34	71.80
22 13 29 16-0004	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,621.18	71.80
22 13 29 16-0005	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,589.54	71.80
22 13 29 16-0006	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,741.16	71.80
22 13 29 16-0007	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,741.16	71.80
22 13 29 16-0008	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,834.31	89.75
22 13 29 16-0009	EA		1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,968.79	89.75
22 13 29 16-0010	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Impeller	1,985.94	89.75
22 13 29 16-0011			Submersible Single Seal Sewage Pumps With Bronze Vortex Impeller (22 13 29 16-0001)		
			Note: Includes 20' cord.		
22 13 29 16-0012	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,547.34	71.80
22 13 29 16-0013	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,695.02	71.80
22 13 29 16-0014	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,625.14	71.80
22 13 29 16-0015	EA		1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller	1,767.53	71.80

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 13 29 16-0016	EA		1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,895.43	71.80
22 13 29 16-0017	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,752.56	89.75
22 13 29 16-0018	EA		1 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,905.51	89.75
22 13 29 16-0019	EA		1 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,904.19	89.75
22 13 29 16-0020	EA		1-1/2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,159.88	144.68
22 13 29 16-0021	EA		1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,289.09	144.68
22 13 29 16-0022	EA		1-1/2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,311.51	144.68
22 13 29 16-0023	EA		2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,297.38	176.84
22 13 29 16-0024	EA		2 HP Automatic Submersible Single Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,445.05	176.84
22 13 29 16-0025	EA		2 HP Manual Submersible Single Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,449.00	176.84
22 13 29 16-0026			Submersible Double Seal Sewage Pumps With Bronze Vortex Impeller (22 13 29 16-0001) Note: Includes 20' cord.		
22 13 29 16-0027	EA		1/2 HP Manual Submersible Double Seal Sewage Pump, 115 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	1,842.69	71.80
22 13 29 16-0028	EA		1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,093.20	71.80
22 13 29 16-0029	EA		1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller.....	2,033.40	89.75
22 13 29 16-0030	EA		1 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron And Bronze Impeller.....	2,185.03	89.75
22 13 29 16-0031	EA		1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,461.82	144.68
22 13 29 16-0032	EA		1-1/2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,613.44	144.68
22 13 29 16-0033	EA		2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 1 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,600.63	176.84
22 13 29 16-0034	EA		2 HP Manual Submersible Double Seal Sewage Pump, 230 Volt, 3 Phase, 2" To 3" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Bronze Impeller.....	2,752.26	176.84
22 13 29 16-0035			Submersible Sewage Pumps With Semi-Open Impeller (22 13 29 16) Note: Includes 25' of cord with pump.		
22 13 29 16-0036	EA		1 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	4,537.70	89.75
22 13 29 16-0037	EA		1.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	4,832.09	150.68
22 13 29 16-0038	EA		2 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	5,163.52	184.16
22 13 29 16-0039	EA		3 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	5,388.65	223.22
22 13 29 16-0040	EA		5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	6,042.64	262.29
22 13 29 16-0041	EA		7.5 HP Manual Submersible Sewage Pump, 230 Volt, 3 Phase, 3" To 4" Flanged Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	6,746.81	301.35
22 13 29 16-0042			Submersible Sewage Pumps, Explosion Proof (22 13 29 16) Note: Includes 25' of cord with pump.		
22 13 29 16-0043	EA		1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,127.32	321.66
22 13 29 16-0044	EA		1 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,567.95	321.66
22 13 29 16-0045	EA		1 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,567.95	321.66
22 13 29 16-0046	EA		1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,448.97	428.87
22 13 29 16-0047	EA		1.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,889.60	428.87
22 13 29 16-0048	EA		1.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	6,889.60	428.87
22 13 29 16-0049	EA		2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,885.99	536.09
22 13 29 16-0050	EA		2 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,326.62	536.09
22 13 29 16-0051	EA		2 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,326.62	536.09
22 13 29 16-0052	EA		3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	8,214.63	643.31
22 13 29 16-0053	EA		3 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,655.26	643.31
22 13 29 16-0054	EA		3 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller.....	7,655.26	643.31

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
22 13 29 16-0055	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 1 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,064.17		750.53
22 13 29 16-0056	EA	5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,504.80		750.53
22 13 29 16-0057	EA	5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	8,504.80		750.53
22 13 29 16-0058	EA	7.5 HP Explosion Proof Manual Sewage Pump, 230 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,367.18		857.75
22 13 29 16-0059	EA	7.5 HP Explosion Proof Manual Sewage Pump, 460 Volt, 3 Phase, 1750 RPM, 3" Vertical Or 4" Horizontal Flanged Discharge, Epoxy-Coated Cast Iron Housing And Impeller	9,367.18		857.75
22 13 29 16-0060 Submersible Sewage Pump Accessories <small>(22 13 29 16)</small>					
22 13 29 16-0061	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 115 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump..... Note: Includes alarm horn, warning light and alarm float switch.	733.60		81.47
22 13 29 16-0062	EA	Simplex Plug In Pump Control Panel with Alarm Float Only, 230 Volt, 1 Phase, 0-15 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump..... Note: Includes alarm horn, warning light, and alarm float switch.	758.80		81.47
22 13 29 16-0063	EA	Simplex Control Panel With 3 Floats, 115/208/230 Volt, 1 Phase, 0-20 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump..... Note: Includes alarm horn, warning light, HOA switch and three 20' control float switches.	1,517.30		108.63
22 13 29 16-0064	EA	Simplex Control Panel 208/230/460 Volt, 3 Phase, 1-23 Amperes Range, Indoor/Outdoor, NEMA 4X Enclosure For Submersible Sewage Pump	2,162.29		108.63
		Note: Includes alarm horn and warning light. Control float switches not included.			
22 13 29 16-0065	EA	Simplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors	4,493.71		108.63
		Note: Includes alarm horn and warning light. Control float switches not included.			
22 13 29 16-0066	EA	Simplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors	4,702.69		108.63
		Note: Includes alarm horn and warning light. Control float switches not included.			
22 13 29 16-0067	EA	Duplex Intrinsically Safe Control Panel, 230 Volt, 1 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors	7,525.33		135.78
		Note: Includes alarm horn and warning light. Control float switches not included.			
22 13 29 16-0068	EA	Duplex Intrinsically Safe Control Panel, 200/230/460 Volt, 3 Phase, Indoor/Outdoor 4X Enclosure For Submersible Sewage Pumps With Explosion Proof Motors	6,336.44		135.78
		Note: Includes alarm horn and warning light. Control float switches not included.			
22 13 29 16-0069	EA	Electrical Alternator Duplex Control Panel with 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps	1,676.18		135.78
		Note: Includes alarm horn, warning light, and three 20' float switches.			
22 13 29 16-0070	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115 Volt, 1 Phase, 7-20 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps	1,852.54		135.78
		Note: Includes alarm horn, warning light, and three 20' float switches.			
22 13 29 16-0071	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-20 Amperes, Indoor NEMA 1 Enclosure For Submersible Sewage Pumps	1,775.70		135.78
		Note: Includes alarm horn, warning light, and three 20' float switches.			
22 13 29 16-0072	EA	Electrical Alternator Duplex Control Panel With 3 Floats, 115/200/230 Volt, 1 Phase, 0-30 Amperes Range, Indoor NEMA 4X Enclosure For Submersible Sewage Pumps.....	1,934.64		135.78
		Note: Includes alarm horn, warning light, and three 20' float switches.			
22 13 29 16-0073	EA	Electrical Alternator Duplex Control Panel, 200/230/460 Volt, 3 Phase, 1-25 Amperes Range, Indoor/Outdoor NEMA 4X Enclosure For Submersible Sewage Pumps.....	3,354.28		135.78
		Note: Includes alarm horn and warning light. Float switches not included..			
22 13 29 16-0074	EA	Alarm System, 115 Volt, Indoor/Outdoor 4X Enclosure	613.79		54.31
		Note: Includes alarm horn, warning light and 15' tethered float.			
22 13 29 16-0075	EA	Variable Level (Clamp Type) Float Switch With 15' Cord	109.74		27.16
		Note: Not for use with Intrinsically Safe Control Systems.			
22 13 29 16-0076	EA	Variable Level (Clamp Type) Float Switch With 15' Cord For Intrinsically Safe Control Systems Only.....	124.60		27.16
22 13 29 16-0077	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord	143.60		27.16
		Note: Not for use with Intrinsically Safe Control Systems.			
22 13 29 16-0078	EA	Variable Level (Adjustable Weight Type) Float Switch With 25' Cord For Intrinsically Safe Control Systems Only	140.55		27.16
22 13 29 16-0079	EA	Float Switch Tree With (3) 15' Floats	451.41		27.16
		Note: Not for use with Intrinsically Safe Control Systems.			
22 13 29 16-0080	EA	Float Switch Tree And (3) Floats With 15' Cords For Intrinsically Safe Control Systems Only	460.89		27.16
22 13 29 16-0081	EA	Float Switch Tree And (4) Floats With 15' Cords	503.83		27.16
		Note: Not for use with Intrinsically Safe Control Systems.			
22 13 29 16-0082	EA	Float Switch Tree And (4) Floats With 15' Cords For Intrinsically Safe Control Systems Only	525.75		27.16
22 13 29 16-0083	EA	Float Switch Tree.....	235.37		27.16
		Note: Tree only.			
22 13 29 16-0084	EA	Adjustable Weight For Float Switch	60.37		13.58
22 13 29 16-0085	EA	Rail And Disconnect System, Stainless Steel, For 2" Horizontal Discharge	1,268.72		81.47
		Note: Lifting equipment not included.			
22 13 29 16-0086	EA	Rail And Disconnect System, Stainless Steel, For 3" Horizontal Discharge	1,997.01		108.63
		Note: Lifting equipment not included.			
22 13 29 16-0087	EA	Rail And Disconnect System, Stainless Steel, For 4" Horizontal Discharge	2,610.92		135.78
		Note: Lifting equipment not included.			
22 13 29 16-0088	EA	Rail And Disconnect System, Stainless Steel Non-Speaking, For 3" Horizontal Discharge	2,567.65		81.47
22 13 29 16-0089	EA	Rail And Disconnect System, Stainless Steel Non-Speaking, For 4" Horizontal Discharge	3,635.64		81.47
22 13 29 16-0090	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 2" Rail System	352.39		54.31
22 13 29 16-0091	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 3" Rail Systems	632.49		67.90
22 13 29 16-0092	EA	Intermediate Guide Rail Bracket, Stainless Steel, For 4" Rail Systems	628.19		81.47
22 13 29 16-0093	EA	12" Stainless Steel Lifting Cable.....	173.57		27.16
22 13 29 16-0094	EA	Disconnect Fitting For 2" Horizontal Discharge.....	354.44		27.16
		Note: Used for shallow systems where guide rails are not necessary.			

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 13 29 33 Sewerage Pump Basins and Pits (22 13 29)

22 13 29 33-0001	Sewage Sump Pump Basin (22 13 29 33)		
22 13 29 33-0002	High Density Polyethylene (HDPE) Basin (22 13 29 33-0001)		
22 13 29 33-0003	EA 18" Diameter x 24" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	135.77	
22 13 29 33-0004	EA 18" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	175.96	
22 13 29 33-0005	EA 24" Diameter x 30" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	403.05	
22 13 29 33-0006	EA 24" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	566.68	
22 13 29 33-0007	EA 30" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	730.29	
22 13 29 33-0008	EA 36" Diameter x 36" High, High Density Polyethylene (HDPE) Basin And Lid With Inlet And Hub.....	849.83	

22 13 29 33-0009 Fiberglass Basin (22 13 29 33-0001)

22 13 29 33-0010	EA 18" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	374.63	
22 13 29 33-0011	EA 24" Diameter x 30" High Fiberglass Basin And Lid With Inlet And Hub	769.52	
22 13 29 33-0012	EA 30" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,387.54	
22 13 29 33-0013	EA 36" Diameter x 36" High Fiberglass Basin And Lid With Inlet And Hub	1,870.63	
22 13 29 33-0014	EA 36" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	2,156.42	
22 13 29 33-0015	EA 36" Diameter x 60" High Fiberglass Basin And Lid With Inlet And Hub	2,277.41	
22 13 29 33-0016	EA 36" Diameter x 72" High Fiberglass Basin And Lid With Inlet And Hub	2,676.95	
22 13 29 33-0017	EA 48" Diameter x 48" High Fiberglass Basin And Lid With Inlet And Hub	3,109.27	

22 14 Facility Storm Drainage (22 14)

22 14 13 Facility Storm Drainage Piping (22 14)

See CSI section 22 13 16 00-0000 for storm drainage piping.

22 14 26 Facility Storm Drains (22 14)

22 14 26 13 Roof Drains (22 14 26)

22 14 26 13-0001 Cast Iron Roof Drains (22 14 26 13)

22 14 26 13-0002 Cast Iron Roof Drains With Large Polypropylene Dome (22 14 26 13-0001)

Note: Dome free area is 124 square inches.

22 14 26 13-0003	EA 15" Diameter Cast Iron Roof Drain With 2" Outlet, 124 Square Inch Free Area Polypropylene Dome	909.84	164.53
	<i>For Galvanized Iron Parts, Add</i>	518.00	
	<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
	<i>For Bronze Dome, Add</i>	448.80	
	<i>For Deck Clamp Assembly, Add</i>	130.00	
	<i>For Drain Receiver, Add</i>	147.00	
22 14 26 13-0004	EA 15" Diameter Cast Iron Roof Drain With 3" Outlet, 124 Square Inch Free Area Polypropylene Dome	992.09	197.39
	<i>For Galvanized Iron Parts, Add</i>	518.00	
	<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
	<i>For Bronze Dome, Add</i>	448.80	
	<i>For Deck Clamp Assembly, Add</i>	130.00	
	<i>For Drain Receiver, Add</i>	147.00	
22 14 26 13-0005	EA 15" Diameter Cast Iron Roof Drain With 4" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,074.34	246.74
	<i>For Galvanized Iron Parts, Add</i>	518.00	
	<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
	<i>For Bronze Dome, Add</i>	448.80	
	<i>For Deck Clamp Assembly, Add</i>	130.00	
	<i>For Drain Receiver, Add</i>	147.00	
22 14 26 13-0006	EA 15" Diameter Cast Iron Roof Drain With 5" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,447.22	296.09
	<i>For Galvanized Iron Parts, Add</i>	518.00	
	<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
	<i>For Bronze Dome, Add</i>	448.80	
	<i>For Deck Clamp Assembly, Add</i>	130.00	
	<i>For Drain Receiver, Add</i>	147.00	
22 14 26 13-0007	EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,488.34	328.96
	<i>For Galvanized Iron Parts, Add</i>	518.00	
	<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
	<i>For Bronze Dome, Add</i>	448.80	
	<i>For Deck Clamp Assembly, Add</i>	130.00	
	<i>For Drain Receiver, Add</i>	147.00	
22 14 26 13-0008	EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, 124 Square Inch Free Area Polypropylene Dome	1,768.83	345.44
	<i>For Galvanized Iron Parts, Add</i>	518.00	
	<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
	<i>For Bronze Dome, Add</i>	448.80	
	<i>For Deck Clamp Assembly, Add</i>	130.00	
	<i>For Drain Receiver, Add</i>	147.00	
22 14 26 13-0009	EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, 124 Square Inch Free Area Polypropylene Dome	2,416.25	357.78
	<i>For Galvanized Iron Parts, Add</i>	518.00	
	<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
	<i>For Bronze Dome, Add</i>	448.80	
	<i>For Deck Clamp Assembly, Add</i>	130.00	
	<i>For Drain Receiver, Add</i>	147.00	

22 14 26 13-0010 Cast Iron Roof Drains With Expansion Joint (22 14 26 13-0001)

Note: With polypropylene dome. Dome free area is 124 square inches.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0011	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 2" Outlet, Polypropylene Dome	1,453.17	164.53
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0012	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 3" Outlet, Polypropylene Dome	1,573.38	197.39
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0013	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 4" Outlet, Polypropylene Dome	1,729.54	246.74
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0014	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 5" Outlet, Polypropylene Dome	2,400.05	296.09
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0015	EA		15" Diameter Cast Iron Roof Drain With Expansion Joint, 6" Outlet, Polypropylene Dome	2,579.00	328.96
			<i>For Galvanized Iron Parts, Add</i>	518.00	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	357.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0016			Cast Iron Roof Drains With Flat Bronze Promenade Top (22 14 26 13-0001)		
22 14 26 13-0017	EA		14" x 14" Cast Iron Roof Drain With 2" Outlet, Bronze Promenade Top	1,987.71	164.53
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0018	EA		14" x 14" Cast Iron Roof Drain With 3" Outlet, Bronze Promenade Top	2,069.96	197.39
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0019	EA		14" x 14" Cast Iron Roof Drain With 4" Outlet, Bronze Promenade Top	2,152.21	246.74
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0020	EA		14" x 14" Cast Iron Roof Drain With 5" Outlet, Bronze Promenade Top	2,509.12	296.09
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0021	EA		14" x 14" Cast Iron Roof Drain With 6" Outlet, Bronze Promenade Top	2,550.24	328.96
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	132.00	
			<i>For Drain Receiver, Add</i>	147.00	
			<i>For Galvanized Iron Parts, Add</i>	197.00	
			<i>For Deck Clamp Assembly, Add</i>	130.00	
22 14 26 13-0022			Cast Iron Scupper Drain With L-Shaped Bronze Grate (22 14 26 13-0001)		
22 14 26 13-0023	EA		Cast Iron Scupper Drain With 2" Outlet, L-Shaped Bronze Grate	1,293.30	65.83
			<i>For Vandal Proof Grate, Add</i>	33.00	
22 14 26 13-0024	EA		Cast Iron Scupper Drain With 3" Outlet, L-Shaped Bronze Grate	1,326.20	82.22
			<i>For Vandal Proof Grate, Add</i>	33.00	
22 14 26 13-0025	EA		Cast Iron Scupper Drain With 4" Outlet, L-Shaped Bronze Grate	1,341.15	89.72
			<i>For Vandal Proof Grate, Add</i>	33.00	
22 14 26 13-0026	EA		Cast Iron Scupper Drain With 5" Outlet, L-Shaped Bronze Grate	1,888.56	118.93
			<i>For Galvanized Iron Parts, Add</i>	258.00	
			<i>For Vandal Proof Grate, Add</i>	33.00	
22 14 26 13-0027	EA		Cast Iron Scupper Drain With 6" Outlet, L-Shaped Bronze Grate	1,941.02	145.19
			<i>For Galvanized Iron Parts, Add</i>	258.00	
			<i>For Vandal Proof Grate, Add</i>	33.00	
22 14 26 13-0028			Cast Iron Roof Drain With Flat Cast Iron Grate (22 14 26 13-0001)		
			Note: Grate free area is 27 square inches.		
22 14 26 13-0029	EA		9" x 9" Cast Iron Roof Drain With 2" Outlet, Cast Iron Promenade Top	1,001.66	164.53
			<i>For Deck Clamp Assembly, Add</i>	80.40	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	93.60	
			<i>For Galvanized Iron Parts, Add</i>	144.00	
22 14 26 13-0030	EA		9" x 9" Cast Iron Roof Drain With 3" Outlet, Cast Iron Promenade Top	1,083.91	197.39
			<i>For Deck Clamp Assembly, Add</i>	80.40	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	93.60	
			<i>For Galvanized Iron Parts, Add</i>	144.00	
22 14 26 13-0031	EA		9" x 9" Cast Iron Roof Drain With 4" Outlet, Cast Iron Promenade Top	1,166.16	246.74
			<i>For Deck Clamp Assembly, Add</i>	80.40	
			<i>For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add</i>	93.60	
			<i>For Galvanized Iron Parts, Add</i>	144.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0032 Cast Iron Roof Drains With Large Cast Iron Dome <small>(22 14 26 13-0001)</small>		
22 14 26 13-0033 EA 15" Diameter Cast Iron Roof Drain With 2" Outlet, Cast Iron Dome	1,081.50	164.53
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
22 14 26 13-0034 EA 15" Diameter Cast Iron Roof Drain With 3" Outlet, Cast Iron Dome	1,163.75	197.39
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
22 14 26 13-0035 EA 15" Diameter Cast Iron Roof Drain With 4" Outlet, Cast Iron Dome	1,246.00	246.74
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
22 14 26 13-0036 EA 15" Diameter Cast Iron Roof Drain With 5" Outlet, Cast Iron Dome	1,618.88	296.09
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
22 14 26 13-0037 EA 15" Diameter Cast Iron Roof Drain With 6" Outlet, Cast Iron Dome	1,660.00	328.96
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
22 14 26 13-0038 EA 15" Diameter Cast Iron Roof Drain With 8" Outlet, Cast Iron Dome	1,940.49	345.44
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
22 14 26 13-0039 EA 15" Diameter Cast Iron Roof Drain With 10" Outlet, Cast Iron Dome	2,587.91	357.78
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Deck Clamp Assembly, Add	130.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
22 14 26 13-0040 Aluminum Roof Drains <small>(22 14 26 13)</small>		
22 14 26 13-0041 Aluminum Dome Roof Drains <small>(22 14 26 13-0040)</small>		
22 14 26 13-0042 EA 15" Diameter Roof Drain With 2" Outlet, Aluminum Dome.....	1,111.44	164.53
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
22 14 26 13-0043 EA 15" Diameter Roof Drain With 3" Outlet, Aluminum Dome.....	1,193.69	197.39
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
22 14 26 13-0044 EA 15" Diameter Roof Drain With 4" Outlet, Aluminum Dome.....	1,275.94	246.74
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
22 14 26 13-0045 EA 15" Diameter Roof Drain With 6" Outlet, Aluminum Dome.....	1,689.94	328.66
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
22 14 26 13-0046 EA 15" Diameter Roof Drain With 8" Outlet, Aluminum Dome.....	1,970.64	345.44
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
22 14 26 13-0047 EA 15" Diameter Roof Drain With 10" Outlet, Aluminum Dome	2,617.86	357.78
For 4" (10 cm) Fixed Extension Collar, Cast Iron, Add	357.00	
For Drain Receiver, Add	147.00	
For Galvanized Iron Parts, Add	518.00	
For Deck Clamp Assembly, Add	130.00	
22 14 26 13-0048 Retrofit Roof Drains <small>(22 14 26 13)</small>		
22 14 26 13-0049 Retrofit Copolymer Roof Drains With Copolymer Strainer Dome <small>(22 14 26 13-0048)</small>		
22 14 26 13-0050 EA Copolymer Retrofit 3" Roof Drains, With Copolymer Dome.....	793.61	197.39
22 14 26 13-0051 EA Copolymer Retrofit 4" Roof Drains, With Copolymer Dome.....	890.57	246.74
22 14 26 13-0052 EA Copolymer Retrofit 5" Roof Drains, With Copolymer Dome.....	1,072.76	296.09
22 14 26 13-0053 EA Copolymer Retrofit 6" Roof Drains, With Copolymer Dome.....	1,172.71	328.66
22 14 26 13-0054 Retrofit Copolymer Roof Drains With Cast Aluminum Strainer Dome <small>(22 14 26 13-0048)</small>		
22 14 26 13-0055 EA Copolymer Retrofit Drain, 3", With Cast Aluminum Dome	925.97	197.39
22 14 26 13-0056 EA Copolymer Retrofit Drain, 4", With Cast Aluminum Dome	1,017.04	246.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 13-0057	EA		Copolymer Retrofit Drain, 5", With Cast Aluminum Dome	1,208.06	296.09
22 14 26 13-0058	EA		Copolymer Retrofit Drain, 6", With Cast Aluminum Dome	1,266.83	328.66
22 14 26 13-0059			Retrofit Roof Aluminum Drains With Cast Aluminum Strainer Dome <small>(22 14 26 13-0048)</small>		
22 14 26 13-0060	EA		Aluminum Retrofit 3" Roof Drains, With Cast Aluminum Dome	799.49	197.39
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0061	EA		Aluminum Retrofit 4" Roof Drains, With Cast Aluminum Dome	896.45	246.74
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0062	EA		Aluminum Retrofit 5" Roof Drains, With Cast Aluminum Dome	1,078.64	296.09
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0063	EA		Aluminum Retrofit 6" Roof Drains, With Cast Aluminum Dome	1,131.53	328.66
			<i>For Copolymer Strainer Dome, Deduct</i>	-24.00	
22 14 26 13-0064			Bronze Downspout Nozzles <small>(22 14 26 13)</small>		
22 14 26 13-0065	EA		2" Outlet, Bronze Roof Drain Downspout Nozzle	485.11	98.70
22 14 26 13-0066	EA		3" Outlet, Bronze Roof Drain Downspout Nozzle	485.11	98.70
22 14 26 13-0067	EA		4" Outlet, Bronze Roof Drain Downspout Nozzle	485.11	98.70
22 14 26 13-0068	EA		5" Outlet, Bronze Roof Drain Downspout Nozzle	764.76	123.38
22 14 26 13-0069	EA		6" Outlet, Bronze Roof Drain Downspout Nozzle	764.76	123.38
22 14 26 13-0070	EA		8" Outlet, Bronze Roof Drain Downspout Nozzle	1,005.93	123.38
22 14 26 16			Facility Area Drains <small>(22 14 26)</small>		
22 14 26 16-0001			Area Drain <small>(22 14 26 16)</small>		
22 14 26 16-0002	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,297.40	118.83
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0003	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,323.02	131.66
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0004	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,349.98	145.19
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0005	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,378.07	159.20
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0006	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	1,999.26	118.83
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0007	EA		12" x 12" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,024.88	131.66
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0008	EA		12" x 12" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,051.84	145.19
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0009	EA		12" x 12" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	2,079.93	159.20
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	
22 14 26 16-0010	EA		12" x 12" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer	3,072.88	118.83
			<i>For Vandal Proof Screws, Add</i>	29.50	
			<i>For Ductile Iron Grate, Add</i>	123.50	
			<i>For Primer Tap, Add</i>	36.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	70.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0011 EA 12" x 12" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,098.50	131.66
For Vandal Proof Screws, Add	29.50	
For Ductile Iron Grate, Add	123.50	
For Primer Tap, Add	36.00	
For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0012 EA 12" x 12" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,125.46	145.19
For Vandal Proof Screws, Add	29.50	
For Ductile Iron Grate, Add	123.50	
For Primer Tap, Add	36.00	
For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0013 EA 12" x 12" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,153.55	159.20
For Vandal Proof Screws, Add	29.50	
For Ductile Iron Grate, Add	123.50	
For Primer Tap, Add	36.00	
For Galvanized Cast Iron Parts, Add	70.50	
22 14 26 16-0014 EA 16" x 16" Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,728.39	118.83
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0015 EA 16" x 16" Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,754.01	131.66
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0016 EA 16" x 16" Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,780.97	145.19
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0017 EA 16" x 16" Floor Drain With 6" Bottom Outlet, Nikaloy Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,809.06	159.20
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0018 EA 16" x 16" Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,245.59	118.83
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0019 EA 16" x 16" Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,271.21	131.66
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0020 EA 16" x 16" Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,298.17	145.19
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0021 EA 16" x 16" Floor Drain With 6" Bottom Outlet, Cast Iron Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	3,326.26	159.20
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0022 EA 16" x 16" Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,374.35	118.83
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0023 EA 16" x 16" Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,399.97	131.66
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0024 EA 16" x 16" Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,426.93	145.19
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0025 EA 16" x 16" Floor Drain With 6" Bottom Outlet, Bronze Top, Medium Duty Loose-Set Cast Iron Grate And Secondary Strainer.....	6,455.02	159.20
For Ductile Iron Grate, Add	123.50	
For Galvanized Cast Iron Parts, Add	197.50	
For Primer Tap, Add	36.00	
22 14 26 16-0026 EA 9" Diameter Floor Drain With 2" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,426.47	118.83
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	
22 14 26 16-0027 EA 9" Diameter Floor Drain With 3" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,452.09	131.66
For Vandal Proof Grate, Add	30.50	
For Galvanized Cast Iron Parts, Add	87.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 16-0028	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Nikaloy Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,479.05	145.19
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0029	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	833.53	118.83
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0030	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	859.15	131.66
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0031	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Cast Iron Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	886.11	145.19
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0032	EA		9" Diameter Floor Drain With 2" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,340.12	118.83
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0033	EA		9" Diameter Floor Drain With 3" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,365.74	131.66
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0034	EA		9" Diameter Floor Drain With 4" Bottom Outlet, Bronze Top, Medium Duty Anti-Tilting Grate And Perimeter Drainage Slots.....	1,392.70	145.19
			<i>For Vandal Proof Grate, Add</i>	30.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	87.50	
22 14 26 16-0035	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,457.37	118.83
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0036	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,482.99	131.66
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0037	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Nikaloy Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,509.95	145.19
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0038	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,871.40	118.83
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0039	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,897.02	131.66
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0040	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Cast Iron Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	2,923.98	145.19
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0041	EA		12-7/8" x 10-7/8" Floor Drain With 2" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,181.05	118.83
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0042	EA		12-7/8" x 10-7/8" Floor Drain With 3" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,206.67	131.66
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0043	EA		12-7/8" x 10-7/8" Floor Drain With 4" Side Outlet, Bronze Top, Heavy Duty Hinged Grate And Removable Medium-Deep Sediment Strainer.....	4,233.63	145.19
			<i>For Ductile Iron Grate, Add</i>	126.00	
			<i>For Galvanized Cast Iron Parts, Add</i>	307.50	
			<i>For Vandal Proof Screws, Add</i>	30.50	
22 14 26 16-0044			Wash Area Drain <small>(22 14 26 16)</small>		
			Note: Fox Drain DD-400		
22 14 26 16-0045	EA		18.5" x 18.5" Fox Drain DD-400 With 4" Bottom Outlet, Stainless Steel Top, Polyethylene Chamber And Diverter Valve.....	3,703.06	159.20
22 14 26 19			Facility Trench Drains <small>(22 14 26)</small>		
22 14 26 19-0001			Trench Drain <small>(22 14 26 19)</small>		
			Note: Each section is 39.4" in length.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0002 EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,086.95	118.83
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0003 EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,112.57	131.66
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0004 EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,139.53	145.19
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0005 EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	648.35	118.83
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0006 EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	673.97	131.66
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0007 EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	700.93	145.19
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0008 EA 6" Wide Trench Drain x 9" Outlet Section With 2" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,027.19	118.83
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0009 EA 6" Wide Trench Drain x 9" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,052.81	131.66
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0010 EA 6" Wide Trench Drain x 9" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,079.77	145.19
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0011 EA 6" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	967.60	59.22
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0012 EA 6" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	529.00	59.22
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0013 EA 6" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	907.84	59.22
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Cast Iron Parts, Add</i>	98.25	
<i>For Ductile Iron Grate, Add</i>	66.00	
22 14 26 19-0014 EA 12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,743.40	118.83
<i>For Sediment Bucket, Add</i>	116.00	
<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
<i>For Ductile Iron Grate, Add</i>	181.50	
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Sediment Bucket, Add</i>	188.50	
<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0015 EA 12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,769.02	131.66
<i>For Sediment Bucket, Add</i>	116.00	
<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
<i>For Ductile Iron Grate, Add</i>	181.50	
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Sediment Bucket, Add</i>	188.50	
<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0016 EA 12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots	1,795.98	145.19
<i>For Sediment Bucket, Add</i>	116.00	
<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
<i>For Ductile Iron Grate, Add</i>	181.50	
<i>For Vandal Proof Screws, Add</i>	48.50	
<i>For Galvanized Sediment Bucket, Add</i>	188.50	
<i>For Galvanized Cast Iron Parts, Add</i>	131.50	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0017	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,200.70	118.83
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0018	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,226.32	131.66
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0019	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,253.28	145.19
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0020	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,669.18	118.83
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0021	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,694.80	131.66
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0022	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,721.76	145.19
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0023	EA		12" Wide Trench Drain x 15" Outlet Section With 3" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,454.21	118.83
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0024	EA		12" Wide Trench Drain x 15" Outlet Section With 4" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,479.83	131.66
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0025	EA		12" Wide Trench Drain x 15" Outlet Section With 6" Bottom Outlet, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,506.79	145.19
			<i>For Sediment Bucket, Add</i>	116.00	
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
			<i>For Galvanized Sediment Bucket, Add</i>	188.50	
			<i>For Galvanized Cast Iron Parts, Add</i>	131.50	
22 14 26 19-0026	EA		12" Wide Trench Drain x 15" Extension Section, Nikaloy Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,624.04	59.22
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0027	EA		12" Wide Trench Drain x 15" Extension Section, Cast Iron Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,081.34	59.22
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 26 19-0028	EA		12" Wide Trench Drain x 15" Extension Section, Bronze Top, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,549.82	59.22
			<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
			<i>For Ductile Iron Grate, Add</i>	181.50	
			<i>For Vandal Proof Screws, Add</i>	48.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 26 19-0029 EA 12" Wide Trench Drain x 15" Extension Section, Galvanized Top And Body, Heavy Duty Body Sections, Heavy Duty Loose Set Grate With Perimeter Drainage Slots.....	1,334.85	59.22
<i>For Convex Grate On Cast Iron Or Ductile Price, Add</i>	38.50	
<i>For Ductile Iron Grate, Add</i>	181.50	
<i>For Vandal Proof Screws, Add</i>	48.50	
22 14 29 Sump Pumps (22 14)		
See CSI section 22 11 16 00-0000 for pipe extensions into well.		
22 14 29 13 Wet-Pit-Mounted, Vertical Sump Pumps (22 14 29)		
22 14 29 13-0001 Vertical Mounted Sump Pumps (22 14 29 13)		
Note: Supplied with 1750 RPM premium efficient motor with drip cover, float switch assembly, steel support mounting plate and 5' column sections.		
22 14 29 13-0002 EA 1 HP Vertical Mounted Cast Iron Sump Pump, 1-1/2" Discharge, Single Stage, 25 GPM 40' Head.....	6,235.76	286.39
<i>For Explosion Proof Motor, Add</i>	283.84	
22 14 29 13-0003 EA 1-1/2 HP Vertical Mounted Cast Iron Sump Pump, 2" Discharge, Single Stage, 75 GPM 40' Head.....	6,571.41	346.63
<i>For Explosion Proof Motor, Add</i>	315.55	
22 14 29 13-0004 EA 2 HP Vertical Mounted Cast Iron Sump Pump, 2-1/2" Discharge, Single Stage, 100 GPM 40' Head.....	7,499.10	411.81
<i>For Explosion Proof Motor, Add</i>	407.65	
22 14 29 13-0005 EA 3 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 150 GPM 40' Head.....	7,967.08	506.62
<i>For Explosion Proof Motor, Add</i>	462.00	
22 14 29 13-0006 EA 5 HP Vertical Mounted Cast Iron Sump Pump, 3" Discharge, Single Stage, 200 GPM 40' Head.....	8,405.61	549.08
<i>For Explosion Proof Motor, Add</i>	674.88	
22 14 29 13-0007 EA 10 HP Vertical Mounted Cast Iron Sump Pump, 4" Discharge, Single Stage, 300 GPM 70' Head.....	9,963.83	658.70
<i>For Explosion Proof Motor, Add</i>	765.47	
22 14 29 13-0008 EA 15 HP Vertical Mounted Cast Iron Sump Pump, 5" Discharge, Single Stage, 500 GPM 70' Head.....	11,701.46	682.11
<i>For Explosion Proof Motor, Add</i>	1,254.64	
22 14 29 13-0009 EA 20 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 800 GPM 70' Head.....	14,157.96	848.70
<i>For Explosion Proof Motor, Add</i>	1,665.31	
22 14 29 13-0010 EA 30 HP Vertical Mounted Cast Iron Sump Pump, 6" Discharge, Single Stage, 1,000 GPM 70' Head.....	15,251.02	989.79
<i>For Explosion Proof Motor, Add</i>	2,159.01	
22 14 29 13-0011 EA 50 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 1,600 GPM 70' Head.....	20,546.35	1,188.18
<i>For Explosion Proof Motor, Add</i>	2,812.76	
22 14 29 13-0012 EA 60 HP Vertical Mounted Cast Iron Sump Pump, 8" Discharge, Single Stage, 2,000 GPM 70' Head.....	28,634.66	1,319.72
<i>For Explosion Proof Motor, Add</i>	4,458.44	
22 14 29 13-0013 Extra Column Assemblies (22 14 29 13)		
22 14 29 13-0014 EA 1-1/2" Diameter x 5' Long Extra Column Assembly.....	1,001.93	
22 14 29 13-0015 EA 2" Diameter x 5' Long Extra Column Assembly.....	1,096.34	
22 14 29 13-0016 EA 2-1/2" Diameter x 5' Long Extra Column Assembly.....	1,199.66	
22 14 29 13-0017 EA 3" Diameter x 5' Long Extra Column Assembly.....	1,440.42	
22 14 29 13-0018 EA 4" Diameter x 5' Long Extra Column Assembly.....	1,610.01	
22 14 29 13-0019 EA 5" Diameter x 5' Long Extra Column Assembly.....	1,639.32	
22 14 29 13-0020 EA 6" Diameter x 5' Long Extra Column Assembly.....	1,840.31	
22 14 29 13-0021 EA 8" Diameter x 5' Long Extra Column Assembly.....	2,013.73	
22 14 29 13-0022 Support Plate (22 14 29 13)		
22 14 29 13-0023 EA 24" Steel Support Plate, Round Or Square.....	883.06	39.48
22 14 29 13-0024 EA 30" Steel Support Plate, Round Or Square.....	977.42	44.41
22 14 29 13-0025 EA 36" Steel Support Plate, Round Or Square.....	1,357.61	59.22
22 14 29 13-0026 EA 40" Steel Support Plate, Round Or Square.....	1,979.36	69.09
22 14 29 13-0027 EA 42" Steel Support Plate, Round Or Square.....	2,123.46	71.56
22 14 29 13-0028 EA 48" Steel Support Plate, Round Or Square.....	2,271.70	74.03
22 14 29 13-0029 EA 54" Steel Support Plate, Round Or Square.....	2,896.93	88.83
22 14 29 13-0030 EA 60" Steel Support Plate, Round Or Square.....	3,936.29	98.70
22 14 29 13-0031 EA 72" Steel Support Plate, Round Or Square.....	5,259.23	123.38
22 14 29 13-0032 EA 84" Steel Support Plate, Round Or Square.....	6,357.14	135.71
22 14 29 16 Submersible Sump Pumps (22 14 29)		
22 14 29 16-0001 Submersible Sump Pump With Vortex Impeller (22 14 29 16)		
22 14 29 16-0002 Submersible Sump Pump With Cast Iron Vortex Impeller (22 14 29 16-0001)		
22 14 29 16-0003 EA 1/3 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	501.68	64.31
22 14 29 16-0004 EA 1/3 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	559.73	64.31
22 14 29 16-0005 EA 1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	898.36	68.05
22 14 29 16-0006 EA 1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded Discharge, Epoxy-Coated Cast Steel Housing And Impeller.....	990.22	68.05
22 14 29 16-0007 Submersible Sump Pump With Bronze Vortex Impeller (22 14 29 16-0001)		
Note: Includes 20' of cord with pump.		
22 14 29 16-0008 EA 1/2 HP Manual Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,538.86	68.05
22 14 29 16-0009 EA 1/2 HP Automatic Submersible Sump Pump, 115 Volt Or 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,677.29	68.05

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 14 29 16-0010	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,759.97	75.02
22 14 29 16-0011	EA	1 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,907.97	75.02
22 14 29 16-0012	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	1,959.26	85.73
22 14 29 16-0013	EA	1-1/2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,104.71	85.73
22 14 29 16-0014	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,100.37	101.81
22 14 29 16-0015	EA	2 HP Automatic Submersible Sump Pump, 230 Volt, 1 Phase, 1-1/2" Threaded or 2" To 3" Flanged Discharge, Epoxy-Coated Cast Steel Housing And Bronze Impeller.....	2,226.69	101.81
22 14 29 16-0016		Submersible Sump Pump With Semi-Open Impeller <small>(22 14 29 16)</small> Note: Includes 20' of cord with pump.		
22 14 29 16-0017	EA	1/3 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,222.69	64.31
22 14 29 16-0018	EA	1/3 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,263.39	64.31
22 14 29 16-0019	EA	1/2 HP Manual Submersible Sump Pump, 115 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,583.27	68.05
22 14 29 16-0020	EA	1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,611.87	68.05
22 14 29 16-0021	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,938.34	71.80
22 14 29 16-0022	EA	3/4 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	1,938.34	71.80
22 14 29 16-0023	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	2,050.28	75.02
22 14 29 16-0024	EA	1 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	2,050.28	75.02
22 14 29 16-0025	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	2,339.87	85.73
22 14 29 16-0026	EA	1-1/2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	2,339.87	85.73
22 14 29 16-0027	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 1 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	2,721.60	101.81
22 14 29 16-0028	EA	2 HP Manual Submersible Sump Pump, 230 Volt, 3 Phase, 2" Threaded Discharge, Epoxy-Coated Cast Iron Housing And Semi-Open Impeller.....	2,672.09	101.81
22 14 29 19		Sump-Pump Basins and Pits <small>(22 14 29)</small> See CSI section 22 13 29 33-0000 for basins and pits.		
22 15		General Service Compressed-Air Systems <small>(22 10)</small>		
22 15 13		General Service Compressed-Air Piping <small>(22 15)</small> See CSI section 22 11 16 00-0013 for threaded galvanized steel pipe, 23 21 13 23-0001 for threaded black steel pipe.		
22 15 13 00-0001		Quick Disconnect, Air-Service <small>(22 15 13)</small>		
22 15 13 00-0002		Combination Steel And Brass <small>(22 15 13 00-0001)</small>		
22 15 13 00-0003	EA	1/2" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	51.97	15.00
22 15 13 00-0004	EA	3/4" Combination Steel And Brass Disconnect Valve, Single Seated With Arm Ball And Bracket.....	58.02	18.21
22 15 13 00-0005		Refrigerated Air Dryers With Ambient Air Filters <small>(22 15 13)</small> Note: 120 Voltage, 1 Phase		
22 15 13 00-0006	EA	3 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	768.95	85.50
22 15 13 00-0007	EA	5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	882.06	87.88
22 15 13 00-0008	EA	7.5 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,042.78	90.25
22 15 13 00-0009	EA	10 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,175.56	95.00
22 15 13 00-0010	EA	15 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,535.98	106.87
22 15 13 00-0011	EA	20 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,736.60	121.60
22 15 13 00-0012	EA	25 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	1,947.68	137.75
22 15 13 00-0013	EA	30 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,291.36	154.37
22 15 13 00-0014	EA	40 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,655.69	180.51
22 15 13 00-0015	EA	50 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	2,995.60	192.85
22 15 13 00-0016	EA	60 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	3,523.81	213.75
22 15 13 00-0017	EA	75 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,055.88	237.50
		<i>For 230 Voltage, Add</i>	1,074.26	
22 15 13 00-0018	EA	85 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,382.61	261.26
		<i>For 230 Voltage, Add</i>	1,158.03	
22 15 13 00-0019	EA	100 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	4,717.62	289.75
		<i>For 230 Voltage, Add</i>	1,241.81	
22 15 13 00-0020	EA	125 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,101.80	308.76
		<i>For 230 Voltage, Add</i>	1,345.29	
22 15 13 00-0021	EA	175 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	5,396.58	320.63
		<i>For 230 Voltage, Add</i>	1,426.60	
22 15 13 00-0022	EA	200 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	9,411.84	332.51
		<i>For 230 Voltage, Add</i>	2,624.05	
22 15 13 00-0023	EA	250 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	10,117.27	344.38
		<i>For 230 Voltage, Add</i>	2,828.56	
22 15 13 00-0024	EA	300 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters.....	10,803.00	356.26
		<i>For 230 Voltage, Add</i>	3,027.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0025 EA 400 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters..... <i>For 230 Voltage, Add</i>	12,846.26 3,625.88	380.01
22 15 13 00-0026 EA 500 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters..... <i>For 230 Voltage, Add</i>	14,558.95 4,082.68	475.01
22 15 13 00-0027 EA 600 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters..... <i>For 230 Voltage, Add</i>	20,736.23 5,878.87	570.00
22 15 13 00-0028 EA 800 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters..... <i>For 230 Voltage, Add</i>	28,186.53 8,056.95	665.00
22 15 13 00-0029 EA 1,000 SCFM Capacity Refrigerated Air Dryers With Ambient Air Filters..... <i>For 230 Voltage, Add</i>	31,554.96 9,010.48	760.01
22 15 13 00-0030 Oil And Water Separator For Air Compressor <small>(22 15 13)</small>		
22 15 13 00-0031 EA 0-60 SCFM Oil/Water Separator.....	699.41	34.31
22 15 13 00-0032 EA 85 SCFM Oil/Water Separator.....	937.85	40.20
22 15 13 00-0033 EA 190 SCFM Oil/Water Separator.....	1,096.40	45.57
22 15 13 00-0034 EA 245 SCFM Oil/Water Separator.....	1,376.95	53.61
22 15 13 00-0035 EA 320 SCFM Oil/Water Separator.....	1,636.58	64.33
22 15 13 00-0036 EA 700 SCFM Oil/Water Separator.....	3,298.65	134.02
22 15 13 00-0037 Heavy Duty Industrial Pressure Regulator <small>(22 15 13)</small>		
22 15 13 00-0038 EA 3/8" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	117.78	28.50
22 15 13 00-0039 EA 1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	164.71	38.00
22 15 13 00-0040 EA 3/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	283.57	47.50
22 15 13 00-0041 EA 1" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	354.07	71.25
22 15 13 00-0042 EA 1-1/4" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	496.97	83.12
22 15 13 00-0043 EA 1-1/2" Pressure Regulator, Max 300 PSI Input, 2-125 PSI Output.....	520.72	95.00
22 15 13 00-0044 Combination Air System; Filter Regulator Lubricator <small>(22 15 13)</small>		
22 15 13 00-0045 EA 3/8" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter.....	450.23	85.50
22 15 13 00-0046 EA 1/2" Filter Regulator Lubricator, Max 150 PSI Input, 150 CFM, 40 Micron Filter.....	556.51	114.00
22 15 13 00-0047 Heatless Desiccant Air Dryers <small>(22 15 13)</small>		
22 15 13 00-0048 EA 5 SCFM Heatless Desiccant Air Dryer.....	2,705.04	85.50
22 15 13 00-0049 EA 10 SCFM Heatless Desiccant Air Dryer.....	3,253.45	95.00
22 15 13 00-0050 EA 15 SCFM Heatless Desiccant Air Dryer.....	3,283.95	104.50
22 15 13 00-0051 EA 20 SCFM Heatless Desiccant Air Dryer.....	3,751.08	118.75
22 15 13 00-0052 EA 30 SCFM Heatless Desiccant Air Dryer.....	5,170.10	142.50
22 15 13 00-0053 EA 50 SCFM Heatless Desiccant Air Dryer.....	5,099.20	190.00
22 15 13 00-0054 EA 85 SCFM Heatless Desiccant Air Dryer.....	6,851.58	237.50
22 15 13 00-0055 EA 100 SCFM Heatless Desiccant Air Dryer.....	7,266.55	285.01
22 15 13 00-0056 EA 125 SCFM Heatless Desiccant Air Dryer.....	8,318.20	332.51
22 15 13 00-0057 EA 175 SCFM Heatless Desiccant Air Dryer.....	9,552.03	380.01
22 15 13 00-0058 EA 200 SCFM Heatless Desiccant Air Dryer.....	10,262.18	427.51
22 15 13 00-0059 EA 300 SCFM Heatless Desiccant Air Dryer.....	12,554.98	475.01
22 15 13 00-0060 EA 400 SCFM Heatless Desiccant Air Dryer.....	13,940.79	570.00
22 15 13 00-0061 EA 500 SCFM Heatless Desiccant Air Dryer.....	16,111.78	665.00
22 15 13 00-0062 EA 600 SCFM Heatless Desiccant Air Dryer.....	18,591.56	760.01
22 15 13 00-0063 Air Cooled Aftercoolers <small>(22 15 13)</small>		
22 15 13 00-0064 EA 20 SCFM Air-Cooled Aftercooler.....	677.25	59.37
22 15 13 00-0065 EA 35 SCFM Air-Cooled Aftercooler.....	916.16	71.25
22 15 13 00-0066 EA 43 SCFM Air-Cooled Aftercooler.....	1,005.62	83.12
22 15 13 00-0067 EA 70 SCFM Air-Cooled Aftercooler.....	1,229.77	95.00
22 15 13 00-0068 EA 125 SCFM Air-Cooled Aftercooler.....	1,716.72	106.87
22 15 13 00-0069 EA 185 SCFM Air-Cooled Aftercooler.....	1,927.74	118.75
22 15 13 00-0070 EA 260 SCFM Air-Cooled Aftercooler.....	3,744.98	142.50
22 15 13 00-0071 EA 365 SCFM Air-Cooled Aftercooler.....	3,912.72	166.25
22 15 13 00-0072 EA 560 SCFM Air-Cooled Aftercooler.....	4,079.15	190.00
22 15 13 00-0073 EA 650 SCFM Air-Cooled Aftercooler.....	4,785.00	213.75
22 15 13 00-0074 EA 750 SCFM Air-Cooled Aftercooler.....	5,230.67	237.50
22 15 13 00-0075 EA 900 SCFM Air-Cooled Aftercooler.....	5,999.59	261.26
22 15 13 00-0076 EA 1,100 SCFM Air-Cooled Aftercooler.....	7,709.40	285.01
22 15 13 00-0077 EA 1,460 SCFM Air-Cooled Aftercooler.....	8,820.64	308.76
22 15 13 00-0078 EA 1,800 SCFM Air-Cooled Aftercooler.....	9,106.32	332.51
22 15 13 00-0079 EA 2,500 SCFM Air-Cooled Aftercooler.....	9,764.88	356.26
22 15 13 00-0080 Compressed Air Coalescing Filters <small>(22 15 13)</small>		
22 15 13 00-0081 1.0 Micron Filter Rated Compressed Air Coalescing Filters <small>(22 15 13 00-0080)</small>		
22 15 13 00-0082 EA 10 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	233.96	34.84
22 15 13 00-0083 EA 20 SCFM, 3/8", Coalescing Filter, 1.0 Micron Filter Rating.....	279.95	34.84
22 15 13 00-0084 EA 50 SCFM, 1/2", Coalescing Filter, 1.0 Micron Filter Rating.....	305.45	40.20
22 15 13 00-0085 EA 75 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	351.74	46.10
22 15 13 00-0086 EA 100 SCFM, 3/4", Coalescing Filter, 1.0 Micron Filter Rating.....	410.67	50.93
22 15 13 00-0087 EA 140 SCFM, 1", Coalescing Filter, 1.0 Micron Filter Rating.....	464.95	61.65
22 15 13 00-0088 EA 175 SCFM, 1-1/4" Coalescing Filter, 1.0 Micron Filter Rating.....	503.23	67.01

22 Plumbing**22 10 Plumbing Piping****22 15 General Service Compressed-Air Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 15 13 00-0089 EA 250 SCFM, 1-1/2" Coalescing Filter, 1.0 Micron Filter Rating.....	607.62	80.41
22 15 13 00-0090 EA 280 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	779.49	107.22
22 15 13 00-0091 EA 350 SCFM, 2" Coalescing Filter, 1.0 Micron Filter Rating.....	891.71	120.62
22 15 13 00-0092 0.01 Micron Filter Rated Compressed Air Coalescing Filters (22 15 13 00-0080)		
22 15 13 00-0093 EA 16 SCFM, 3/8" Coalescing Filter, 0.01 Micron Filter Rating.....	286.52	34.84
22 15 13 00-0094 EA 30 SCFM, 1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	310.36	40.20
22 15 13 00-0095 EA 60 SCFM, 3/4" Coalescing Filter, 0.01 Micron Filter Rating.....	356.34	46.10
22 15 13 00-0096 EA 100 SCFM, 1" Coalescing Filter, 0.01 Micron Filter Rating.....	419.87	45.57
22 15 13 00-0097 EA 140 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	475.46	61.65
22 15 13 00-0098 EA 180 SCFM, 1-1/4" Coalescing Filter, 0.01 Micron Filter Rating.....	539.74	67.01
22 15 13 00-0099 EA 250 SCFM, 1-1/2" Coalescing Filter, 0.01 Micron Filter Rating.....	619.44	80.41
22 15 13 00-0100 EA 280 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	799.21	107.22
22 15 13 00-0101 EA 350 SCFM, 2" Coalescing Filter, 0.01 Micron Filter Rating.....	917.99	120.62
22 15 13 00-0102 Compressed Air Storage Tanks (22 15 13)		
22 15 13 00-0103 Horizontal Compressed Air Storage Tanks (22 15 13 00-0102)		
22 15 13 00-0104 EA 12 Gallon Horizontal Compressed Air Storage Tank, ASME.....	381.96	76.01
22 15 13 00-0105 EA 15 Gallon Horizontal Compressed Air Storage Tank, ASME.....	723.45	83.12
22 15 13 00-0106 EA 20 Gallon Horizontal Compressed Air Storage Tank, ASME.....	766.82	87.40
22 15 13 00-0107 EA 30 Gallon Horizontal Compressed Air Storage Tank, ASME.....	876.40	95.00
22 15 13 00-0108 EA 60 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,142.10	128.25
22 15 13 00-0109 EA 80 Gallon Horizontal Compressed Air Storage Tank, ASME.....	1,384.43	142.50
22 15 13 00-0110 EA 120 Gallon Horizontal Compressed Air Storage Tank, ASME.....	2,098.49	166.25
22 15 13 00-0111 EA 200 Gallon Horizontal Compressed Air Storage Tank, ASME.....	3,155.91	190.00
22 15 13 00-0112 EA 240 Gallon Horizontal Compressed Air Storage Tank, ASME.....	3,523.05	201.87
22 15 13 00-0113 EA 325 Gallon Horizontal Compressed Air Storage Tank, ASME.....	5,128.87	213.75
22 15 13 00-0114 EA 400 Gallon Horizontal Compressed Air Storage Tank, ASME.....	6,772.11	249.38
22 15 13 00-0115 EA 660 Gallon Horizontal Compressed Air Storage Tank, ASME.....	9,770.14	296.88
22 15 13 00-0116 Vertical Compressed Air Storage Tanks (22 15 13 00-0102)		
22 15 13 00-0117 EA 10 Gallon Vertical Compressed Air Storage Tank, ASME.....	674.38	76.01
22 15 13 00-0118 EA 15 Gallon Vertical Compressed Air Storage Tank, ASME.....	706.04	83.12
22 15 13 00-0119 EA 20 Gallon Vertical Compressed Air Storage Tank, ASME.....	766.82	87.40
22 15 13 00-0120 EA 30 Gallon Vertical Compressed Air Storage Tank, ASME.....	910.88	95.00
22 15 13 00-0121 EA 60 Gallon Vertical Compressed Air Storage Tank, ASME.....	1,245.53	128.25
22 15 13 00-0122 EA 80 Gallon Vertical Compressed Air Storage Tank, ASME.....	1,434.23	142.50
22 15 13 00-0123 EA 120 Gallon Vertical Compressed Air Storage Tank, ASME.....	1,990.18	166.25
22 15 13 00-0124 EA 200 Gallon Vertical Compressed Air Storage Tank, ASME.....	2,932.68	190.00
22 15 13 00-0125 EA 240 Gallon Vertical Compressed Air Storage Tank, ASME.....	3,238.52	201.87
22 15 13 00-0126 EA 325 Gallon Vertical Compressed Air Storage Tank, ASME.....	4,432.39	213.75
22 15 13 00-0127 EA 400 Gallon Vertical Compressed Air Storage Tank, ASME.....	5,691.16	249.38
22 15 13 00-0128 EA 500 Gallon Vertical Compressed Air Storage Tank, ASME.....	7,445.08	273.13
22 15 13 00-0129 EA 660 Gallon Vertical Compressed Air Storage Tank, ASME.....	12,440.59	308.76
22 15 19 General Service Packaged Air Compressors and Receivers (22 15)		
Note: Includes V-belt drive, receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.		
22 15 19 13 General Service Packaged Reciprocating Air Compressors (22 15 19)		
22 15 19 13-0001 Single Stage Compressor (22 15 19 13)		
Note: Includes receiver, reciprocating air cooled, 140 PSIG working pressure, splash lubricated, tank mounted.		
22 15 19 13-0002 EA 1/2 HP 1-Stage Air Compressor, 1.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	2,917.90	337.06
22 15 19 13-0003 EA 3/4 HP 1-Stage Air Compressor, 2.0 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	3,043.35	389.03
22 15 19 13-0004 EA 1 HP 1-Stage Air Compressor, 2.5 ACFM Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	3,470.72	459.43
22 15 19 13-0005 EA 2 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	3,956.44	506.93
22 15 19 13-0006 EA 3 HP 1-Stage Air Compressor, Air Cooled With 30 Gallon Receiver, 140 PSIG Working Pressure.....	4,851.75	535.43
22 15 19 13-0007 EA 3 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure.....	5,186.44	554.43
22 15 19 13-0008 EA 5 HP 1-Stage Air Compressor, Air Cooled With 60 Gallon Receiver, 140 PSIG Working Pressure.....	5,822.53	633.65
22 15 19 13-0009 EA 5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure.....	6,246.39	671.66
22 15 19 13-0010 EA 7.5 HP 1-Stage Air Compressor, Air Cooled With 80 Gallon Receiver, 140 PSIG Working Pressure.....	7,501.08	760.39
22 15 19 13-0011 Two Stage Compressor (22 15 19 13)		
Note: With receiver, reciprocating air cooled, discharge pressure 80-200 PSIG, receiver capacity as noted, splash lubricated, tank mounted.		
22 15 19 13-0012 EA 1-1/2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 5.0 ACFM, 80-200 PSIG Discharge Pressure.....	5,586.65	592.43
22 15 19 13-0013 EA 2 HP 2-Stage Air Compressor, 60 Gallon Receiver, 7.0 ACFM, 80-200 PSIG Discharge Pressure.....	5,988.73	697.02
22 15 19 13-0014 EA 3 HP 2-Stage Air Compressor, 60 Gallon Receiver, 12 ACFM, 80-200 PSIG Discharge Pressure.....	6,255.23	760.39
22 15 19 13-0015 EA 5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 15 ACFM, 80-200 PSIG Discharge Pressure.....	7,121.39	1,013.85
22 15 19 13-0016 EA 5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 16.5 ACFM, 80-200 PSI Max Discharge Pressure.....	7,688.88	1,013.85
22 15 19 13-0017 EA 7.5 HP 2-Stage Air Compressor, 80 Gallon Receiver, 19.8 ACFM, 80-200 PSIG Discharge Pressure.....	8,229.54	1,267.32
22 15 19 13-0018 EA 7.5 HP 2-Stage Air Compressor, 120 Gallon Receiver, 25.6 ACFM, 80-200 PSI Max Discharge Pressure.....	8,744.24	1,267.32
22 15 19 13-0019 EA 10 HP 2-Stage Air Compressor, 80 Gallon Receiver, 35.0 ACFM, 80-200 PSI Max Discharge Pressure.....	11,217.35	1,567.51
22 15 19 13-0020 EA 10 HP 2-Stage Air Compressor, 120 Gallon Receiver, 38 ACFM, 80-200 PSIG Discharge Pressure.....	12,027.08	1,615.01
22 15 19 13-0021 EA 15 HP 2-Stage Air Compressor, 120 Gallon Receiver, 50 ACFM, 80-200 PSIG Discharge Pressure.....	12,994.53	1,887.48
22 15 19 13-0022 EA 20 HP 2-Stage Air Compressor, 120 Gallon Receiver, 70 ACFM, 80-200 PSIG Discharge Pressure.....	19,692.27	2,136.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 15 19 13-0023	EA	25 HP 2-Stage Air Compressor, 120 Gallon Receiver, 84.4 ACFM, 175 PSI Max Discharge Pressure	21,136.19	2,414.26
22 15 19 13-0024	EA	30 HP 2-Stage Air Compressor, 120 Gallon Receiver, 97.2 ACFM, 175 PSI Max Discharge Pressure	23,562.33	2,668.29
22 15 19 13-0025	EA	30 HP 2-Stage Air Compressor, 250 Gallon Receiver, 101 ACFM, 175 PSI Max Discharge Pressure	25,629.95	2,924.32

22 15 19 19 General Service Packaged Rotary-Screw Air Compressors (22 15 19)

22 15 19 19-0001 Rotary Screw Air Compressor, Base Mounted Without Receiver (22 15 19 19)				
Note: Oil flooded.				
22 15 19 19-0002	EA	3 HP, 8.5 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	9,569.36	855.60
22 15 19 19-0003	EA	5 HP, 16.6 SCFM, Rotary Screw Air Compressor With Enclosure, 150 PSIG Max Discharge Pressure, Lubricated	10,644.92	1,140.80
22 15 19 19-0004	EA	7.5 HP, 27 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	13,655.22	1,430.29
22 15 19 19-0005	EA	10 HP, 37 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	15,758.18	1,822.71
22 15 19 19-0006	EA	15 HP, 56 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	18,026.75	2,144.36
22 15 19 19-0007	EA	20 HP, 79 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	21,905.46	2,412.41
22 15 19 19-0008	EA	25 HP, 114 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	23,997.21	2,680.46
22 15 19 19-0009	EA	30 HP, 137 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	28,910.62	3,002.11
22 15 19 19-0010	EA	40 HP, 183 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	31,795.19	3,216.55
22 15 19 19-0011	EA	50 HP, 214 SCFM, Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	35,718.03	3,466.37
22 15 19 19-0012	EA	60 HP, 256 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	46,590.65	3,752.65
22 15 19 19-0013	EA	75 HP, 320 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	51,732.00	3,967.08
22 15 19 19-0014	EA	100 HP, 494 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	83,422.14	4,288.73
22 15 19 19-0015	EA	125 HP, 592 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	104,213.57	4,637.19
22 15 19 19-0016	EA	150 HP, 695 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	121,133.18	4,991.01
22 15 19 19-0017	EA	220 HP, 996 SCFM Rotary Screw Air Compressor With Enclosure, 100 PSIG Max Discharge Pressure, Lubricated	157,833.89	5,360.92
22 15 19 19-0018	EA	250 HP, 1,000 SCFM Rotary Screw Air Compressor With Enclosure, 125 PSIG Max Discharge Pressure, Lubricated	179,395.35	5,704.01

22 15 19 19-0019 Rotary Screw Air Compressor, Base Mounted With Receiver (22 15 19 19)

Note: Includes receiver, motor, starter mounted and wired. Excludes piping, pressure reducing valve station, or air dryer.				
22 15 19 19-0020	EA	5 HP, 18.5 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	11,930.35	1,140.80
22 15 19 19-0021	EA	5 HP, 18.5 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 150 PSIG Max Discharge Pressure, Lubricated	12,690.53	1,140.80
22 15 19 19-0022	EA	7.5 HP, 28 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	14,259.66	1,430.29
22 15 19 19-0023	EA	7.5 HP, 28 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	15,091.11	1,430.29
22 15 19 19-0024	EA	10 HP, 38 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,090.76	1,822.71
22 15 19 19-0025	EA	10 HP, 38 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	16,969.71	1,822.71
22 15 19 19-0026	EA	15 HP, 55 SCFM, 80 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	18,301.26	2,144.36
22 15 19 19-0027	EA	15 HP, 55 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	19,251.48	2,144.36
22 15 19 19-0028	EA	20 HP, 75 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	31,914.44	2,412.41
22 15 19 19-0029	EA	25 HP, 102 SCFM, 120 gallon receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	34,362.52	2,680.46
22 15 19 19-0030	EA	30 HP, 125 SCFM, 120 Gallon Receiver, Rotary Screw Air Compressor, 125 PSIG Max Discharge Pressure, Lubricated	36,573.08	3,002.11

22 30 Plumbing Equipment (22)

22 31 Domestic Water Softeners (22 30)

22 31 13 Residential Domestic Water Softeners (22 31)
See CSI section 11 30 13 13-0109 for residential water softener.

22 31 16 Commercial Domestic Water Softeners (22 31)

22 31 16 00-0001	Commercial Water Softeners (Watts Pure Water) (22 31 16)			
22 31 16 00-0002	Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0001)			
22 31 16 00-0003	1" Pipe Connection, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0002)			
Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.				
22 31 16 00-0004	EA	30,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111A11)	4,979.64	271.42
22 31 16 00-0005	EA	45,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111B11)	5,205.01	283.75
22 31 16 00-0006	EA	60,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111C11)	5,624.59	296.09
22 31 16 00-0007	EA	90,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111D11)	6,495.20	308.43

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0008	EA	120,000 Grain Capacity, 1" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10111E11)	6,927.73	320.77
22 31 16 00-0009		1-1/2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) <small>Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.</small>		
22 31 16 00-0010	EA	60,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121C11)	7,530.09	296.09
22 31 16 00-0011	EA	90,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121D11)	7,921.62	308.43
22 31 16 00-0012	EA	120,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121E11)	8,356.31	320.77
22 31 16 00-0013	EA	150,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121F11)	9,960.63	333.10
22 31 16 00-0014	EA	210,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121G11)	11,088.03	345.44
22 31 16 00-0015	EA	300,000 Grain Capacity, 1-1/2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS15121H11)	13,540.44	357.78
22 31 16 00-0016		2" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) <small>Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.</small>		
22 31 16 00-0017	EA	90,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D11)	11,525.45	308.43
22 31 16 00-0018	EA	120,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E11)	11,945.03	320.77
22 31 16 00-0019	EA	150,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F11)	13,553.67	333.10
22 31 16 00-0020	EA	210,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G11)	14,681.06	345.44
22 31 16 00-0021	EA	300,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H11)	17,267.27	357.78
22 31 16 00-0022	EA	450,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I11)	22,840.10	370.12
22 31 16 00-0023	EA	600,000 Grain Capacity, 2" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J11)	26,751.31	382.45
22 31 16 00-0024		3" Pipe Connection, Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0002) <small>Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.</small>		
22 31 16 00-0025	EA	300,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H11)	28,108.96	357.78
22 31 16 00-0026	EA	450,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151I11)	32,501.38	370.12
22 31 16 00-0027	EA	600,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J11)	36,360.79	382.45
22 31 16 00-0028	EA	900,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K11)	45,835.25	394.79
22 31 16 00-0029	EA	1050,000 Grain Capacity, 3" Pipe Connection, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L11)	50,771.50	407.13
22 31 16 00-0030		Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0001)		
22 31 16 00-0031		2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0030) <small>Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.</small>		
22 31 16 00-0032	EA	90,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131D21)	18,944.42	462.65
22 31 16 00-0033	EA	120,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131E21)	19,786.36	481.15
22 31 16 00-0034	EA	150,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131F21)	22,561.85	499.66
22 31 16 00-0035	EA	210,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131G21)	24,685.63	518.17
22 31 16 00-0036	EA	300,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131H21)	30,195.28	536.66
22 31 16 00-0037	EA	450,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131I21)	40,102.89	555.18
22 31 16 00-0038	EA	600,000 Grain Capacity, 2" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS20131J21)	47,252.60	573.68
22 31 16 00-0039		3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softeners (Watts Pure Water) ^(22 31 16 00-0030) <small>Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and two fully automatic metered demand control valves.</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 31 16 00-0040 EA 300,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151H21).....	51,697.39	536.66
22 31 16 00-0041 EA 450,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21).....	59,429.76	555.18
22 31 16 00-0042 EA 600,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151J21).....	66,819.01	573.68
22 31 16 00-0043 EA 900,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151K21).....	85,110.38	592.18
22 31 16 00-0044 EA 1,050,000 Grain Capacity, 3" Pipe Connection, Duplex Alternating (Two Valves), Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS30151L21).....	95,058.99	610.69
22 31 16 00-0045 Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0001)		
22 31 16 00-0046 1" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0045)		
Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0047 EA 30,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	6,515.64	407.13
22 31 16 00-0048 EA 45,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21).....	6,954.04	425.64
22 31 16 00-0049 EA 60,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21).....	7,597.44	444.14
22 31 16 00-0050 EA 90,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21).....	9,162.30	462.65
22 31 16 00-0051 EA 120,000 Grain Capacity, 1" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	10,153.14	481.15
22 31 16 00-0052 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softeners (Watts Pure Water) (22 31 16 00-0045)		
Note: Includes corrosion resistant NSF Certified fiberglass mineral and brine tanks and fully automatic metered demand control valve.		
22 31 16 00-0053 EA 60,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161A21).....	12,977.28	444.14
22 31 16 00-0054 EA 90,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161B21).....	13,687.58	462.65
22 31 16 00-0055 EA 120,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161C21).....	14,743.16	481.15
22 31 16 00-0056 EA 150,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161D21).....	16,907.94	499.66
22 31 16 00-0057 EA 210,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	19,105.10	518.17
22 31 16 00-0058 EA 300,000 Grain Capacity, 1-1/2" Pipe Connection, Twin Alternating, Commercial Water Softener With Fiberglass Tanks (Watts Pure Water PWS10T161E21).....	23,991.09	536.66
22 32 Domestic Water Filtration Equipment (22 30)		
22 32 16 Domestic-Water Freestanding Cartridge Filters (22 32)		
22 32 16 00-0001 Commercial Water Filters Housings (22 32 16)		
22 32 16 00-0002 Commercial Multi-Cartridge Stainless Steel Water Filter Housings (22 32 16 00-0001)		
22 32 16 00-0003 Commercial Multi-Cartridge Stainless Steel Water Filter Housings (22 32 16 00-0002)		
22 32 16 00-0004 EA 25 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X1).....	2,560.39	174.23
22 32 16 00-0005 EA 30 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X1).....	2,606.62	187.63
22 32 16 00-0006 EA 60 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X2).....	2,773.69	201.03
22 32 16 00-0007 EA 90 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X3).....	3,074.55	214.44
22 32 16 00-0008 EA 120 GPM Max Flow Rate, 4 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS4X4).....	3,163.93	227.84
22 32 16 00-0009 EA 150 GPM Max Flow Rate, 5 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS5X4).....	3,851.09	241.24
22 32 16 00-0010 EA 250 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X3).....	11,012.17	254.64
22 32 16 00-0011 EA 300 GPM Max Flow Rate, 12 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS12X4).....	12,823.63	268.05
22 32 16 00-0012 EA 500 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X3).....	16,307.51	281.45
22 32 16 00-0013 EA 600 GPM Max Flow Rate, 22 Cartridge, Commercial Multi-Cartridge Stainless Steel Water Filter Housing (Watts Pure Water PWHS22X4).....	18,097.39	294.85
22 32 16 00-0014 Commercial Water Filter Cartridges (22 32 16 00-0002)		
22 32 16 00-0015 (Depth) Water Filter Cartridges (22 32 16 00-0014)		
22 32 16 00-0016 EA 50 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M50).....	12.38	2.15
22 32 16 00-0017 EA 20 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M20).....	12.38	2.15
22 32 16 00-0018 EA 10 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M10).....	12.38	2.15

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 32 16 00-0019	EA	5 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M5).....	10.22	2.15
22 32 16 00-0020	EA	1 Micron, 10" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB10M1).....	12.92	2.15
22 32 16 00-0021	EA	50 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M50).....	12.92	2.15
22 32 16 00-0022	EA	20 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M20).....	14.00	2.15
22 32 16 00-0023	EA	5 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Big Pure Water PWMB20M5).....	17.78	2.15
22 32 16 00-0024	EA	1 Micron, 20" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB20M1).....	14.00	2.15
22 32 16 00-0025	EA	50 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M50).....	16.70	2.15
22 32 16 00-0026	EA	20 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M20).....	16.70	2.15
22 32 16 00-0027	EA	5 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M5).....	16.70	2.15
22 32 16 00-0028	EA	1 Micron, 30" Depth, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB30M1).....	18.32	2.15
22 32 16 00-0029	EA	50 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M50).....	24.25	2.15
22 32 16 00-0030	EA	20 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M20).....	22.09	2.15
22 32 16 00-0031	EA	5 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M5).....	22.09	2.15
22 32 16 00-0032	EA	1 Micron, 40" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Pure Water PWMB40M1).....	24.25	2.15
22 32 16 00-0033		Pleated Water Filter Cartridges (22 32 16 00-0014)		
22 32 16 00-0034	EA	50 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M50).....	22.63	2.15
22 32 16 00-0035	EA	20 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M20).....	22.63	2.15
22 32 16 00-0036	EA	5 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M5).....	23.17	2.15
22 32 16 00-0037	EA	1 Micron, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1).....	24.79	2.15
22 32 16 00-0038	EA	1 Micron Absolute, 9-3/4" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL10M1AB).....	37.74	2.15
22 32 16 00-0039	EA	50 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M50).....	36.12	2.15
22 32 16 00-0040	EA	20 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M20).....	36.12	2.15
22 32 16 00-0041	EA	5 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Big Pure Water PWPL20M5).....	36.12	2.15
22 32 16 00-0042	EA	1 Micron, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1).....	47.99	2.15
22 32 16 00-0043	EA	1 Micron Absolute, 20" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL20M1AB).....	68.49	2.15
22 32 16 00-0044	EA	50 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M50).....	57.16	2.15
22 32 16 00-0045	EA	20 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M20).....	79.82	2.15
22 32 16 00-0046	EA	5 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M5).....	83.06	2.15
22 32 16 00-0047	EA	1 Micron, 40" Length, Pleated Water Filter Cartridge (Watts Pure Water PWPL40M1).....	93.85	2.15
22 32 16 00-0048		Commercial Non-Metallic Water Filter Housings (22 32 16 00-0001)		
22 32 16 00-0049		Commercial Non-Metallic Water Filter Housings (22 32 16 00-0048)		
22 32 16 00-0050	EA	150 GPM Max Flow Rate, 1 Cartridge, Commercial Non-Metallic Water Filter Housing (Watts Big Bubba® PWWJCHSG).....	2,005.96	160.83
22 32 16 00-0051		Commercial Water Filter Cartridges (22 32 16 00-0048)		
22 32 16 00-0052		Carbon Water Filter Cartridges (22 32 16 00-0051)		
22 32 16 00-0053	EA	Activated 26-1/4" Length, Carbon Water Filter Cartridge (Watts Big Bubba® PWWJCAC5).....	676.50	2.15
22 32 16 00-0054		(Depth) Water Filter Cartridges (22 32 16 00-0051)		
22 32 16 00-0055	EA	50 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB50).....	139.70	2.15
22 32 16 00-0056	EA	20 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB20).....	138.62	2.15
22 32 16 00-0057	EA	5 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB5).....	138.62	2.15
22 32 16 00-0058	EA	1 Micron, 26-1/4" Length, Melt Blown (Depth) Water Filter Cartridge (Watts Big Bubba® PWWJCMB1).....	159.13	2.15
22 32 16 00-0059		Pleated Water Filter Cartridges (22 32 16 00-0051)		
22 32 16 00-0060	EA	150 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCM150).....	371.15	2.15
22 32 16 00-0061	EA	50 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP50).....	348.49	2.15
22 32 16 00-0062	EA	20 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP20).....	379.78	2.15
22 32 16 00-0063	EA	5 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP5).....	398.12	2.15
22 32 16 00-0064	EA	1 Micron, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1).....	424.02	2.15
22 32 16 00-0065	EA	1 Absolute, 26-1/4" Length, Pleated Water Filter Cartridge (Watts Big Bubba® PWWJCP1AB).....	459.62	2.15
22 32 16 00-0066		Water Filter (22 32 16)		
22 32 16 00-0067	EA	0.6 GPM Max Flow Rate, 1,500 Gallon Capacity, 1 Cartridge, Water Filter Housing (3M Cuno FM DWS 1500).....	460.79	80.41
22 32 16 00-0068	EA	0.5 Micron, Activated Carbon Water Filter Cartridge (3M Cuno 47-5574704).....	153.06	5.36
22 32 16 00-0069	EA	1,800 Gallon Capacity, Water Metering Valve (Water Minder EV-2000-10).....	187.04	40.20
22 33		Electric Domestic Water Heaters (22 30)		
22 33 13		Instantaneous Electric Domestic Water Heaters (22 33)		
22 33 13 13		Flow-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)		
22 33 13 13-0001		Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters (22 33 13 13)		
22 33 13 13-0002	EA	3 To 10 KW Flow Controlled, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012, EX48, EX65, EX75, EX95).....	594.33	53.59
22 33 13 13-0003	EA	7.2 KW, 0.75 GPM, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch RP7P).....	591.89	53.59
22 33 13 16		Thermostat-Control, Instantaneous Electric Domestic Water Heaters (22 33 13)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 13 16-0001				Thermostat Controlled, Instantaneous, Tankless, Electric Domestic Water Heaters <small>(22 33 13 16)</small>		
				Note: Temperature rise decreases with increased flow rate.		
22 33 13 16-0002	EA			3 To 10 KW Thermostat-Control, Instantaneous, Tankless, Electric Domestic Water Heater (Eemax EX3012T, EX48T, EX65T, EX75T, EX95T, EX012240T).....	782.95	80.37
22 33 13 16-0003	EA			12 KW, 2.0 GPM, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE12).....	739.83	107.17
22 33 13 16-0004	EA			17.25 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE115).....	1,251.14	187.55
22 33 13 16-0005	EA			26.85 KW, 4.0 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Bosch PowerStar AE125).....	1,917.95	214.34
22 33 13 16-0006	EA			12 KW, 1.6 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 12 Plus).....	1,624.46	107.17
22 33 13 16-0007	EA			14.4 KW, 2.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 15 Plus).....	2,209.84	160.76
22 33 13 16-0008	EA			19.2 KW, 2.8 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 20 Plus).....	2,409.38	214.34
22 33 13 16-0009	EA			24 KW, 3.3 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 24 Plus).....	2,507.19	214.34
22 33 13 16-0010	EA			28.8 KW, 4.5 GPM At 45 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 29 Plus).....	2,599.57	214.34
22 33 13 16-0011	EA			36 KW, 4.5 GPM At 55 Degree Rise, Indoor Mount, Instantaneous, Tankless, Electric Domestic Water Heater (Stiebel Eltron Tempra 36 Plus).....	2,735.42	214.34
22 33 30				Residential, Electric Domestic Water Heaters <small>(22 33)</small>		
22 33 30 13				Residential, Small-Capacity Electric Domestic Water Heaters <small>(22 33 30)</small>		
22 33 30 13-0001				Small-Capacity, Electric Domestic Water Heaters (A.O. Smith ProMax) <small>(22 33 30 13)</small>		
				Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 13-0002	EA			2 Gallon, Small-Capacity, Electric Domestic Water Heater	1,054.74	168.80
22 33 30 13-0003	EA			10 Gallon, Small-Capacity, Electric Domestic Water Heater	1,315.25	179.52
22 33 30 13-0004	EA			20 Gallon, Small-Capacity, Electric Domestic Water Heater	1,570.43	187.55
22 33 30 16				Residential, Storage Electric Domestic Water Heaters <small>(22 33 30)</small>		
22 33 30 16-0001				Electric Domestic Water Heaters (A.O. Smith ProMax) <small>(22 33 30 16)</small>		
				Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0002	EA			30 Gallon, Electric Domestic Water Heater	1,687.29	187.55
22 33 30 16-0003	EA			40 Gallon, Electric Domestic Water Heater	1,575.17	192.91
22 33 30 16-0004	EA			50 Gallon, Electric Domestic Water Heater	1,544.04	198.27
22 33 30 16-0005	EA			55 Gallon, Electric Domestic Water Heater	1,738.44	200.95
22 33 30 16-0006	EA			66 Gallon, Electric Domestic Water Heater	2,588.23	206.30
22 33 30 16-0007	EA			80 Gallon, Electric Domestic Water Heater	2,634.20	214.34
22 33 30 16-0008	EA			120 Gallon, Electric Domestic Water Heater	3,546.09	227.74
22 33 30 16-0009				Low-Boy, Electric Domestic Water Heaters (A.O. Smith ProMax) <small>(22 33 30 16)</small>		
				Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0010	EA			30 Gallon, Low-Boy, Electric Domestic Water Heater.....	1,821.48	187.55
22 33 30 16-0011	EA			40 Gallon, Low-Boy, Electric Domestic Water Heater.....	1,724.61	192.91
22 33 30 16-0012	EA			50 Gallon, Low-Boy, Electric Domestic Water Heater.....	1,830.96	198.27
22 33 30 16-0013				High Efficiency, Electric Domestic Water Heaters (A.O. Smith Conservationist) <small>(22 33 30 16)</small>		
				Note: Includes .95 energy factor glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.		
22 33 30 16-0014	EA			40 Gallon, High Efficiency, Electric Domestic Water Heater.....	1,881.37	192.91
22 33 30 16-0015	EA			50 Gallon, High Efficiency, Electric Domestic Water Heater.....	2,064.08	198.27
22 33 30 16-0016	EA			66 Gallon, High Efficiency, Electric Domestic Water Heater.....	2,567.16	206.30
22 33 30 16-0017	EA			80 Gallon, High Efficiency, Electric Domestic Water Heater.....	2,798.43	214.34
22 33 30 16-0018				Water Heater Accessories <small>(22 33 30 16)</small>		
22 33 30 16-0019	EA			2 Gallon, Expansion Pressure Tank For Water Heaters	147.11	10.72
22 33 30 16-0020	EA			4.4 Gallon, Expansion Pressure Tank For Water Heaters	175.15	10.72
22 33 30 16-0021	EA			7.6 Gallon, Expansion Pressure Tank For Water Heaters	348.37	10.72
22 33 30 16-0022	EA			14 Gallon, Expansion Pressure Tank For Water Heaters	470.28	10.72
22 33 30 16-0023	EA			20" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	72.59	8.04
22 33 30 16-0024	EA			22" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	79.40	8.04
22 33 30 16-0025	EA			24" Diameter, 3" Deep, Aluminum Water Heater Drain Pan	83.94	8.04
22 33 30 16-0026	EA			26" Diameter, 2-1/2" Deep, Aluminum Water Heater Drain Pan	99.83	8.04
22 33 30 16-0027	EA			22" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	38.43	8.04
22 33 30 16-0028	EA			24" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	42.07	8.04
22 33 30 16-0029	EA			26" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	47.17	8.04
22 33 30 16-0030	EA			28" Diameter, 2-1/2" Deep, Polyethylene Water Heater Drain Pan	53.74	8.04

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 33 30 23 Residential, Collector-To-Tank, Solar-Electric Domestic Water Heaters (22 33 30)

22 33 30 23-0001	Solar Electric Domestic Water Heaters (A.O. Smith CIRREX) (22 33 30 23)				
Note: Includes glass lined tank, drain valve and temperature and pressure relief valve. Excludes electrical connections.					
22 33 30 23-0002	EA	80 Gallon, Solar Electric Domestic Water Heater	4,428.11	214.34	
22 33 30 23-0003	EA	120 Gallon, Solar Electric Domestic Water Heater	5,328.69	227.74	

22 33 33 Light-Commercial Electric Domestic Water Heaters (22 33)

22 33 33 00-0001	Standard Duty Electric Commercial Water Heaters (A.O. Smith DEL And DEN) (22 33 33)				
Note: Includes glass lined tank, drain valve, and temperature and pressure relief valve.					
22 33 33 00-0002	EA	Up To 2.5 KW, 6 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-6S)	1,465.96	187.55	
22 33 33 00-0003	EA	Up To 6 KW, 10 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-10S)	1,576.81	187.55	
22 33 33 00-0004	EA	Up To 6 KW, 20 Gallon, Single Element Lowboy Electric Commercial Water Heater (DEL-20S)	1,713.10	214.34	
22 33 33 00-0005	EA	Up To 12 KW, 30 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-30D)	2,980.01	214.34	
22 33 33 00-0006	EA	Up To 12 KW, 40 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-40D)	3,439.10	267.93	
22 33 33 00-0007	EA	Up To 12 KW, 50 Gallon, Dual Element Lowboy Electric Commercial Water Heater (DEL-50D)	3,810.20	321.52	
22 33 33 00-0008	EA	Up To 12 KW, 80 Gallon, Dual Element Standard Upright Electric Commercial Water Heater (DEN-80D)	4,550.51	482.27	

22 33 33 00-0009 Heavy Duty Electric Commercial Water Heaters (A.O. Smith DSE) (22 33 33)

22 33 33 00-0010	EA	3 KW, 5 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-5-3)	5,389.84	187.55	
22 33 33 00-0011	EA	3 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-3)	5,600.99	187.55	
22 33 33 00-0012	EA	6 KW, 10 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-10-6)	5,829.74	187.55	
22 33 33 00-0013	EA	3 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-3)	5,883.33	214.34	
22 33 33 00-0014	EA	6 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-6)	6,147.27	214.34	
22 33 33 00-0015	EA	9 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-9)	6,569.57	214.34	
22 33 33 00-0016	EA	12 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-12)	6,851.11	214.34	
22 33 33 00-0017	EA	15 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-15)	7,079.85	214.34	
22 33 33 00-0018	EA	18 KW, 20 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-20-18)	7,326.19	214.34	
22 33 33 00-0019	EA	6 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-6)	6,411.21	214.34	
22 33 33 00-0020	EA	9 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-9)	6,657.55	214.34	
22 33 33 00-0021	EA	12 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-12)	6,939.09	214.34	
22 33 33 00-0022	EA	15 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-15)	7,167.83	214.34	
22 33 33 00-0023	EA	18 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-18)	7,414.17	214.34	
22 33 33 00-0024	EA	24 KW, 30 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-30-24)	9,226.55	214.34	
22 33 33 00-0025	EA	9 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-9)	6,993.47	267.93	
22 33 33 00-0026	EA	12 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-12)	7,222.21	267.93	
22 33 33 00-0027	EA	15 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-15)	7,503.75	267.93	
22 33 33 00-0028	EA	18 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-18)	7,750.09	267.93	
22 33 33 00-0029	EA	24 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-24)	9,580.06	267.93	
22 33 33 00-0030	EA	30 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-30)	10,424.67	267.93	
22 33 33 00-0031	EA	36 KW, 40 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-40-36)	11,251.68	267.93	
22 33 33 00-0032	EA	9 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-9)	8,086.01	321.52	
22 33 33 00-0033	EA	12 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-12)	8,314.75	321.52	
22 33 33 00-0034	EA	15 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-15)	8,543.50	321.52	
22 33 33 00-0035	EA	18 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-18)	8,789.84	321.52	
22 33 33 00-0036	EA	24 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-24)	10,672.61	321.52	
22 33 33 00-0037	EA	30 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-30)	11,517.21	321.52	
22 33 33 00-0038	EA	36 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-36)	12,344.22	321.52	
22 33 33 00-0039	EA	45 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-45)	13,839.87	321.52	
22 33 33 00-0040	EA	54 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-54)	14,508.51	321.52	
22 33 33 00-0041	EA	60 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-60)	16,831.17	321.52	
22 33 33 00-0042	EA	75 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-75)	19,822.47	321.52	
22 33 33 00-0043	EA	90 KW, 50 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-50-90)	24,854.90	321.52	
22 33 33 00-0044	EA	9 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-9)	9,109.77	428.69	
22 33 33 00-0045	EA	12 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-12)	9,373.71	428.69	
22 33 33 00-0046	EA	15 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-15)	9,620.05	428.69	
22 33 33 00-0047	EA	18 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-18)	9,831.20	428.69	
22 33 33 00-0048	EA	24 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-24)	11,696.37	428.69	
22 33 33 00-0049	EA	30 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-30)	12,540.97	428.69	
22 33 33 00-0050	EA	36 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-36)	13,350.38	428.69	
22 33 33 00-0051	EA	45 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-45)	14,881.22	428.69	
22 33 33 00-0052	EA	54 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-54)	15,532.27	428.69	
22 33 33 00-0053	EA	60 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-60)	17,872.53	428.69	
22 33 33 00-0054	EA	75 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-75)	20,881.43	428.69	
22 33 33 00-0055	EA	90 KW, 65 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-65-90)	25,896.26	428.69	
22 33 33 00-0056	EA	12 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-12)	10,184.71	482.27	
22 33 33 00-0057	EA	15 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-15)	10,431.06	482.27	
22 33 33 00-0058	EA	18 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-18)	10,642.21	482.27	
22 33 33 00-0059	EA	24 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-24)	12,524.97	482.27	
22 33 33 00-0060	EA	30 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-30)	13,281.59	482.27	
22 33 33 00-0061	EA	36 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-36)	14,161.39	482.27	
22 33 33 00-0062	EA	45 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-45)	15,692.23	482.27	
22 33 33 00-0063	EA	54 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-54)	16,360.87	482.27	
22 33 33 00-0064	EA	60 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-60)	18,560.36	482.27	
22 33 33 00-0065	EA	75 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-75)	21,692.43	482.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 33 33 00-0066 EA 90 KW, 80 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-80-90).....	26,707.26	482.27
22 33 33 00-0067 EA 15 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-15).....	11,453.21	535.86
22 33 33 00-0068 EA 18 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-18).....	11,734.75	535.86
22 33 33 00-0069 EA 24 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-24).....	13,564.72	535.86
22 33 33 00-0070 EA 30 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-30).....	14,409.32	535.86
22 33 33 00-0071 EA 36 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-36).....	15,236.33	535.86
22 33 33 00-0072 EA 45 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-45).....	16,731.98	535.86
22 33 33 00-0073 EA 54 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-54).....	17,418.22	535.86
22 33 33 00-0074 EA 60 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-60).....	19,723.29	535.86
22 33 33 00-0075 EA 75 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-75).....	22,714.59	535.86
22 33 33 00-0076 EA 90 KW, 100 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-100-90).....	27,764.61	535.86
22 33 33 00-0077 EA 15 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-15).....	12,301.02	643.03
22 33 33 00-0078 EA 18 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-18).....	12,547.36	643.03
22 33 33 00-0079 EA 24 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-24).....	14,377.33	643.03
22 33 33 00-0080 EA 30 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-30).....	15,186.74	643.03
22 33 33 00-0081 EA 36 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-36).....	16,048.94	643.03
22 33 33 00-0082 EA 45 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-45).....	17,544.59	643.03
22 33 33 00-0083 EA 54 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-54).....	18,178.05	643.03
22 33 33 00-0084 EA 60 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-60).....	20,553.49	643.03
22 33 33 00-0085 EA 75 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-75).....	23,562.39	643.03
22 33 33 00-0086 EA 90 KW, 120 Gallon, Heavy Duty Electric Commercial Water Heater (DSE-120-90).....	28,559.63	643.03
22 33 33 00-0087 Water Heater Accessories (22 33 33)		
22 33 33 00-0088 EA Up To 80 Gallon Water Heater Strap.....	47.07	
Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carriage Bolts (2) 3/8" Hex Nuts		
22 33 33 00-0089 EA >80 To 120 Gallon Water Heater Strap.....	69.24	
Note: Includes (4) Straps (4) J-Clips (4) Lag Bolts (2) 3/8" Carriage Bolts (2) 3/8" Hex Nuts		
22 33 33 00-0090 Removal And Reinstallation Of Water Heater (22 33 33)		
Note: Includes storage and cleaning.		
22 33 33 00-0091 EA Removal And Reinstallation Of Water Heater Electric, Up To 82 Gallon.....	357.24	
22 33 33 00-0092 EA Removal And Reinstallation Of Water Heater Electric, 83 Gallon To 200 Gallon.....	1,071.72	
22 34 Fuel-Fired Domestic Water Heaters (22 30)		
22 34 13 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34)		
22 34 13 00-0001 Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13)		
22 34 13 00-0002 Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)		
Note: Includes vent connection. Excludes vent.		
22 34 13 00-0003 EA 4.2 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-42PVN).....	2,405.72	214.34
22 34 13 00-0004 EA 5.3 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53PVN).....	2,618.19	217.02
22 34 13 00-0005 EA 5.3 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53DVN).....	2,892.52	222.38
22 34 13 00-0006 EA 6.6 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-66DVN).....	3,411.30	227.74
22 34 13 00-0007 EA 7.4 GPM, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74PVN).....	4,176.48	241.13
22 34 13 00-0008 EA 7.4 GPM, Direct Vent, Indoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74DVN).....	4,270.63	241.13
22 34 13 00-0009 Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heaters (22 34 13 00-0001)		
22 34 13 00-0010 EA 5.3 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-53XN).....	2,612.83	214.34
22 34 13 00-0011 EA 7.4 GPM, Outdoor Mount, Instantaneous, Tankless, Gas Domestic Water Heater (Rheem RTG-74XN).....	4,176.48	241.13
22 34 30 Residential Gas Domestic Water Heaters (22 34)		
22 34 30 13 Residential, Atmospheric, Gas Domestic Water Heaters (22 34 30)		
22 34 30 13-0001 Atmospheric, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 13)		
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 13-0002 EA 30 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-30).....	1,757.38	206.30
22 34 30 13-0003 EA 40 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-40).....	1,717.29	211.66
22 34 30 13-0004 EA 50 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCVX-50).....	2,346.67	217.02
22 34 30 13-0005 EA 65 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith GCV-65).....	2,551.80	222.38
22 34 30 13-0006 EA 75 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-75).....	2,801.46	227.74
22 34 30 13-0007 EA 100 Gallon, Atmospheric, Gas Domestic Water Heater (A. O. Smith FCG-100).....	4,236.08	241.13
22 34 30 16 Residential, Direct-Vent, Gas Domestic Water Heaters (22 34 30)		
22 34 30 16-0001 Direct-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 16)		
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 30 16-0002 EA 40 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-40).....	3,374.97	211.66
22 34 30 16-0003 EA 50 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-50).....	3,870.91	217.02
22 34 30 16-0004 EA 75 Gallon, Direct-Vent, Gas Domestic Water Heater (A. O. Smith GDV-75).....	5,092.80	222.38

22 Plumbing**22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
22 34 30 19 Residential, Power-Vent, Gas Domestic Water Heaters (22 34 30)**22 34 30 19-0001 Power-Vent, Gas Domestic Water Heaters (A.O. Smith ProMax) (22 34 30 19)**

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 30 19-0002	EA	40 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-40)	3,047.26	211.66
22 34 30 19-0003	EA	50 Gallon, Power-Vent, Gas Domestic Water Heater (A. O. Smith GPVH-50)	3,177.53	217.02

22 34 36 Commercial Gas Domestic Water Heaters (22 34)**22 34 36 13 Commercial, Atmospheric, Gas Domestic Water Heaters (22 34 36)****22 34 36 13-0001 Gas Fired Commercial Water Heaters (A.O. Smith BTR) (22 34 36 13)**

Note: Includes automatic flue damper, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 13-0002	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-120)	6,503.96	321.52
22 34 36 13-0003	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-154)	6,935.95	375.10
22 34 36 13-0004	EA	180 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-180)	8,589.50	428.69
22 34 36 13-0005	EA	199 MBH Input, 81 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-199)	7,417.36	428.69
22 34 36 13-0006	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200)	8,541.62	428.69
22 34 36 13-0007	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-200A)	11,412.43	471.56
22 34 36 13-0008	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250)	8,257.48	482.27
22 34 36 13-0009	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-250A)	12,288.08	530.50
22 34 36 13-0010	EA	251 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251)	8,387.38	482.27
22 34 36 13-0011	EA	251 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-251A)	11,715.89	530.50
22 34 36 13-0012	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275)	9,282.16	589.45
22 34 36 13-0013	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-275A)	12,802.22	648.39
22 34 36 13-0014	EA	305 MBH Input, 65 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305)	10,457.45	589.45
22 34 36 13-0015	EA	305 MBH Input, 65 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-305A)	12,879.54	648.39
22 34 36 13-0016	EA	365 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365)	10,100.76	643.03
22 34 36 13-0017	EA	365 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-365A)	14,219.12	707.34
22 34 36 13-0018	EA	390 MBH Input, 100 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400)	12,868.83	643.03
22 34 36 13-0019	EA	390 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-400A)	16,878.99	707.34
22 34 36 13-0020	EA	500 MBH Input, 85 Gallon, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-500)	16,811.16	696.62
22 34 36 13-0021	EA	150 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151)	8,389.55	375.10
22 34 36 13-0022	EA	150 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-151A)	10,072.85	412.61
22 34 36 13-0023	EA	199 MBH Input, 32 Gallon, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201)	8,713.22	428.69
22 34 36 13-0024	EA	199 MBH Input, 32 Gallon, ASME Rated Tank, Booster Type, 80% Efficiency, Gas Fired Commercial Water Heater (A.O. Smith BTR-201A)	10,453.64	471.56
22 34 36 13-0025	EA	Sidewall Power Vent System For BTR-120 through BTR-200	2,082.22	267.93
22 34 36 13-0026	EA	Sidewall Power Vent System For BTR-250 through BTR-500	2,283.26	267.93

22 34 36 13-0027 Removal And Reinstallation Of Water Heater (22 34 36 13)

Note: Includes storage and cleaning.

22 34 36 13-0028	EA	Removal And Reinstallation Of Water Heater Gas Fired, Up To 86 Gallon	487.14	
22 34 36 13-0029	EA	Removal And Reinstallation Of Water Heater Gas Fired, 87 Gallon To 200 Gallon	1,288.12	

22 34 36 19 Commercial, Power-Vent, Gas Domestic Water Heaters (22 34 36)**22 34 36 19-0001 Induced Draft Blower Gas Fired Commercial Water Heaters (A.O. Smith BTN) (22 34 36 19)**

Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.

22 34 36 19-0002	EA	90 MBH Input, 98 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-100)	5,282.27	321.52
22 34 36 19-0003	EA	120 MBH Input, 71 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-120)	7,586.47	321.52
22 34 36 19-0004	EA	154 MBH Input, 81 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-154)	9,255.55	375.10
22 34 36 19-0005	EA	180 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-180)	9,625.62	428.69
22 34 36 19-0006	EA	199 MBH Input, 99 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-199)	9,672.01	428.69
22 34 36 19-0007	EA	199 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200)	9,888.51	428.69
22 34 36 19-0008	EA	199 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-200A)	11,613.47	471.56
22 34 36 19-0009	EA	250 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250)	10,908.08	482.27
22 34 36 19-0010	EA	250 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-250A)	13,432.44	530.50
22 34 36 19-0011	EA	275 MBH Input, 100 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275)	11,416.25	589.45
22 34 36 19-0012	EA	275 MBH Input, 100 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-275A)	14,008.44	648.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 34 36 19-0013 EA 310 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310) ...	11,663.68	589.45
22 34 36 19-0014 EA 310 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-310A)	14,163.08	648.39
22 34 36 19-0015 EA 366 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366) ...	13,085.33	643.03
22 34 36 19-0016 EA 366 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-366A)	15,394.41	707.34
22 34 36 19-0017 EA 390 MBH Input, 85 Gallon, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400) ...	15,884.39	643.03
22 34 36 19-0018 EA 390 MBH Input, 85 Gallon, ASME Rated Tank, 80% Efficiency, Induced Draft Blower, Gas Fired Commercial Water Heater (BTN-400A)	18,332.65	707.34
22 34 36 19-0019 Condensing Gas Fired Commercial Water Heaters (A.O. Smith BTX And BTH) <small>(22 34 36 19)</small>		
Note: Includes glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.		
22 34 36 19-0020 EA 76 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-80)	4,076.05	321.52
22 34 36 19-0021 EA 100 MBH Input, 50 Gallon, 90% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTX-100)	5,498.77	321.52
22 34 36 19-0022 EA 120 MBH Input, 60 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120)	6,674.07	321.52
22 34 36 19-0023 EA 120 MBH Input, 60 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-120A)	9,645.69	353.66
22 34 36 19-0024 EA 150 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150)	9,874.13	375.10
22 34 36 19-0025 EA 150 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-150A)	12,469.84	412.61
22 34 36 19-0026 EA 199 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199)	10,012.23	428.69
22 34 36 19-0027 EA 199 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-199A)	12,835.16	471.56
22 34 36 19-0028 EA 250 MBH Input, 100 Gallon, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250)	11,573.05	482.27
22 34 36 19-0029 EA 250 MBH Input, 100 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-250A)	14,097.41	530.50
22 34 36 19-0030 EA 300 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-300A)	18,462.19	648.39
22 34 36 19-0031 EA 399.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-400A)	19,399.69	707.34
22 34 36 19-0032 EA 499.9 MBH Input, 119 Gallon, ASME Rated Tank, 95% Efficiency, Power-Vent, Condensing Gas Fired Commercial Water Heater (BTH-500A)	22,332.10	766.27
22 34 36 23 Commercial, High-Efficiency, Gas Domestic Water Heaters <small>(22 34 36)</small>		
22 34 36 23-0001 Gas Fired Domestic Hot Water Skid Package (Laars Mighty Therm) <small>(22 34 36 23)</small>		
Note: Includes (2) Laars Mighty Therm boilers, (2) B&G boiler primary pumps (one per boiler), T&P valve, circuit setter, storage tank (sized for 10 minutes buffer based on 50 degree city water supply, and operating set point for the tank at 130 degrees storage), and all necessary accessories for system monitoring such as gauges and thermometers. UL listed and labeled. Excludes piping insulation or seismic calculations.		
22 34 36 23-0002 EA 400 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-400)	92,697.81	1,446.01
22 34 36 23-0003 EA 1,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-1000)	112,216.73	1,536.38
22 34 36 23-0004 EA 2,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-2000)	136,503.70	1,626.76
22 34 36 23-0005 EA 3,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-3000)	163,330.48	1,717.13
22 34 36 23-0006 EA 4,000 MBH x 2, Gas Fired Domestic Hot Water Skid Package (FlowTherm Systems FTDW-4000)	171,192.32	1,807.51
22 34 36 23-0007 Gas Fired Volume Water Heater (Laars Mighty Therm) <small>(22 34 36 23)</small>		
22 34 36 23-0008 EA 200 MBH Gas Fired Volume Water Heater (Laars MT2V0200)	11,318.40	790.05
22 34 36 23-0009 EA 300 MBH Gas Fired Volume Water Heater (Laars MT2V0300)	12,266.92	888.81
22 34 36 23-0010 EA 400 MBH Gas Fired Volume Water Heater (Laars MT2V0400)	14,180.45	1,086.32
22 34 36 23-0011 EA 500 MBH Gas Fired Volume Water Heater (Laars MT2V0500)	20,827.53	1,185.08
22 34 36 23-0012 EA 750 MBH Gas Fired Volume Water Heater (Laars MT2V0750)	22,875.18	1,382.58
22 34 36 23-0013 EA 1,000 MBH Gas Fired Volume Water Heater (Laars MT2V1000)	26,166.93	1,580.10
22 34 36 23-0014 EA 1,250 MBH Gas Fired Volume Water Heater (Laars MT2V1250)	28,893.38	1,777.61
22 34 36 23-0015 EA 1,500 MBH Gas Fired Volume Water Heater (Laars MT2V1500)	34,605.27	1,975.12
22 34 36 23-0016 EA 1,750 MBH Gas Fired Volume Water Heater (Laars MT2V1750)	35,898.33	2,073.87
22 34 36 23-0017 EA 2,000 MBH Gas Fired Volume Water Heater (Laars MT2V2000)	38,532.49	2,172.63
22 34 36 26 Commercial, Coil-Type, Finned-Tube, Gas Domestic Water Heaters <small>(22 34 36)</small>		
22 34 36 26-0001 Laars Rheos+ 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heaters <small>(22 34 36 26)</small>		
22 34 36 26-0002 EA 1,200 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	36,296.50	1,501.09
22 34 36 26-0003 EA 1,600 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	51,447.72	1,659.10
22 34 36 26-0004 EA 2,000 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	55,849.89	1,738.10
22 34 36 26-0005 EA 2,400 MBH 90% Efficient, Gas Fired, Copper Fin Tube Condensing Water Heater (Laars Rheos+)	60,486.28	1,896.11
22 34 36 26-0006 Laars Rheos 86% Efficient Gas Fired, Copper Fin Tube LoNox Water Heaters <small>(22 34 36 26)</small>		
22 34 36 26-0007 EA 1,200 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	32,122.17	1,501.09

22 Plumbing**22 30 Plumbing Equipment****22 34 Fuel-Fired Domestic Water Heaters**

MINOR				TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION		UNIT COST		UNIT COST	
22 34 36 26-0008	EA	1,600 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	35,486.31			1,659.10	
22 34 36 26-0009	EA	2,000 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	38,823.75			1,738.10	
22 34 36 26-0010	EA	2,400 MBH 86% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Rheos)	42,178.31			1,896.11	
22 34 36 26-0011		Laars Pennant 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heaters <small>(22 34 36 26)</small>					
22 34 36 26-0012	EA	200 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,122.90			711.04	
22 34 36 26-0013	EA	300 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	8,933.39			790.05	
22 34 36 26-0014	EA	400 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	10,484.13			948.06	
22 34 36 26-0015	EA	500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	14,920.04			987.56	
22 34 36 26-0016	EA	750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	16,400.33			1,185.08	
22 34 36 26-0017	EA	1,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	20,241.34			1,422.09	
22 34 36 26-0018	EA	1,250 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	23,053.59			1,501.09	
22 34 36 26-0019	EA	1,500 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	25,570.32			1,619.60	
22 34 36 26-0020	EA	1,750 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	27,938.79			1,698.61	
22 34 36 26-0021	EA	2,000 MBH 85% Efficient, Gas Fired, Copper Fin Tube LoNox Water Heater (Laars Pennant)	30,018.56			1,738.10	
22 34 36 26-0022		Patterson Kelley Thermific Sealed Combustion, Gas Fired, Copper Fin Tube Water Heaters <small>(22 34 36 26)</small>					
22 34 36 26-0023	EA	700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	23,402.34			1,185.08	
22 34 36 26-0024	EA	1,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	25,769.65			1,422.09	
22 34 36 26-0025	EA	1,500 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	30,875.22			1,619.60	
22 34 36 26-0026	EA	1,700 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	31,817.40			1,698.61	
22 34 36 26-0027	EA	2,000 MBH 85% Efficient, Sealed Combustion, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Thermific)	33,294.17			1,738.10	
22 34 36 26-0028		Patterson Kelley Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Water Heaters <small>(22 34 36 26)</small>					
22 34 36 26-0029	EA	1,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	28,147.18			1,422.09	
22 34 36 26-0030	EA	1,500 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	34,030.07			1,619.60	
22 34 36 26-0031	EA	2,000 MBH 85% Efficient, Forced Draft, Gas Fired, Copper Fin Tube Water Heater (Patterson Kelley Modufire)	36,116.75			1,738.10	
22 34 46		Oil-Fired Domestic Water Heaters <small>(22 34)</small>					
22 34 46 11		Standard-capacity, Oil-Fired Domestic Water Heaters <small>(22 34 46)</small>					
22 34 46 11-0001		Oil-Fired Domestic Water Heaters (Bock) <small>(22 34 46 11)</small>					
		Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.					
22 34 46 11-0002	EA	60 MBH, 20 Gallon, Oil-Fired Domestic Water Heater (Bock 20E)	2,133.86			165.04	
22 34 46 11-0003	EA	104 MBH, 32 Gallon, Oil-Fired Domestic Water Heater (Bock 32E)	2,103.63			165.04	
22 34 46 11-0004	EA	104 MBH, 33 Gallon, Oil-Fired Domestic Water Heater (Bock 33ES)	2,200.76			165.04	
22 34 46 11-0005	EA	125 MBH, 40 Gallon, Oil-Fired Domestic Water Heater (Bock 40E)	2,327.23			169.33	
22 34 46 11-0006	EA	140 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 50ES)	2,988.55			173.62	
22 34 46 11-0007	EA	152 MBH, 50 Gallon, Oil-Fired Domestic Water Heater (Bock 51E)	2,508.24			173.62	
22 34 46 11-0008		Oil Fired Commercial Water Heaters <small>(22 34 46 11)</small>					
		Note: Includes burner, glass lined tank, drain valve, temperature and pressure relief valve and vent connection. Excludes vent.					
22 34 46 11-0009	EA	173 MBH, 68 Gallon, Oil-Fired Commercial Water Heater (Bock 71E)	3,465.33			257.21	
22 34 46 11-0010	EA	199 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 72E)	4,097.68			257.21	
22 34 46 11-0011	EA	242 MBH, 67 Gallon, Oil-Fired Commercial Water Heater (Bock 73E)	4,122.01			257.21	
22 34 46 11-0012	EA	190 MBH, 113 Gallon, Oil-Fired Commercial Water Heater (Bock 120E)	5,954.21			342.94	
22 34 46 11-0013	EA	415 MBH, 91 Gallon, Oil-Fired Commercial Water Heater (Bock 361E)	8,193.91			428.69	
22 34 46 11-0014	EA	623 MBH, 83 Gallon, Oil-Fired Commercial Water Heater (Bock 541E)	10,356.84			471.56	
22 35		Domestic Water Heat Exchangers <small>(22 30)</small>					
22 35 23		Circulating, Domestic Water Heat Exchangers <small>(22 35)</small>					
22 35 23 13		Circulating, Compact Domestic Water Heat Exchangers <small>(22 35 23)</small>					
22 35 23 13-0001		Steam Driven Water Heaters <small>(22 35 23 13)</small>					
22 35 23 13-0002		Constant Flow <small>(22 35 23 13-0001)</small>					
22 35 23 13-0003	EA	30 GPM, 700 LB/Hour Steam Water Heater, Constant Flow	6,192.22			535.86	
22 35 23 13-0004	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Constant Flow	7,734.77			656.64	
22 35 23 13-0005	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Constant Flow	9,910.30			858.77	
22 35 23 13-0006	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Constant Flow	13,408.22			1,196.14	
22 35 23 13-0007	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Constant Flow	19,772.18			1,970.03	
22 35 23 13-0008	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Constant Flow	21,543.06			2,232.71	
22 35 23 13-0009	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Constant Flow	28,291.62			2,576.19	
22 35 23 13-0010	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Constant Flow	34,044.50			3,044.64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 35 23 13-0011		Variable Flow <small>(22 35 23 13-0001)</small>		
22 35 23 13-0012	EA	30 GPM, 700 LB/Hour Steam Water Heater, Variable Flow	9,314.00	1,044.92
22 35 23 13-0013	EA	90 GPM, 1,250 LB/Hour Steam Water Heater, Variable Flow	10,550.77	1,275.88
22 35 23 13-0014	EA	140 GPM, 2,500 LB/Hour Steam Water Heater, Variable Flow	13,457.59	1,649.80
22 35 23 13-0015	EA	230 GPM, 5,000 LB/Hour Steam Water Heater, Variable Flow	17,640.13	2,301.83
22 35 23 13-0016	EA	500 GPM, 7,500 LB/Hour Steam Water Heater, Variable Flow	26,299.01	3,849.61
22 35 23 13-0017	EA	900 GPM, 10,000 LB/Hour Steam Water Heater, Variable Flow	32,033.10	4,239.40
22 35 23 13-0018	EA	1,400 GPM, 15,000 LB/Hour Steam Water Heater, Variable Flow	37,103.50	4,961.62
22 35 23 13-0019	EA	2,400 GPM, 20,000 LB/Hour Steam Water Heater, Variable Flow	47,006.85	5,927.67

22 40 Plumbing Fixtures (22)

Note: The following Energy Policy Act Flow Rates Requirements superseded flow rates standards listed in section. Plumbing fixtures and trim should not exceed the maximum flow rates set forth in The Energy Policy Act 92. lavatory faucets - 2.5 gal/min, lavatory replacement aerators - 2.5 gal/min, kitchen faucets - 2.5 gal/min, kitchen replacement aerators - 2.5 gal/min, metering faucets - 0.25 gal/cycle, gravity tank-type toilets - 1.6 gal/flush, flushometer tank toilets - 1.6 gal/flush, electromechanical hydraulic toilets - 1.6 gal/flush, blowdown toilets - 3.5 gal/flush, urinals - 1.0 gal/flush.

22 41 Residential Plumbing Fixtures (22 40)

22 41 39 Residential Faucets, Supplies, and Trim (22 41)

22 41 39 00-0001 Residential Kitchen Faucets (22 41 39)

22 41 39 00-0002	EA	Chrome Single Handle Kitchen Faucet (Delta 100LF-WF)	176.56	49.35
22 41 39 00-0003	EA	Chrome Single Handle Kitchen Faucet With Spray (Delta 400LF-WF)	203.02	49.35
22 41 39 00-0004	EA	Chrome Single Handle Kitchen Faucet With Integrated Spray (Delta 300LF-WF)	203.02	49.35
22 41 39 00-0005	EA	Chrome Two Handle Kitchen Faucet, Three Hole Installation 8"Center (Delta 2102LF-LHP+H215)	195.71	49.35
22 41 39 00-0006	EA	Chrome Two Handle Kitchen Faucet With Spray, Three Hole Installation, 8" Center (Delta 2402LF-LHP+H215)	209.93	49.35

22 41 39 00-0007 Residential Lavatory Faucets (22 41 39)

22 41 39 00-0008	EA	Chrome, Single Acrylic Handle, Bath Faucet (Delta 502-DST)	160.11	35.53
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0009	EA	Chrome, Single Lever Handle, Lavatory Faucet (Delta 500-WF)	160.11	35.53
		<i>For Faucet With Brass Pop-Up, Add</i>	11.00	
22 41 39 00-0010	EA	Chrome, Two Handle, Bath Faucet With Acrylic Handles (Delta 2502LF)	116.59	35.53
		<i>For Faucet With Plastic Pop-Up, Add</i>	14.00	
		<i>For Faucet With Brass Pop-Up, Add</i>	16.50	

22 41 39 00-0011 Residential Bath And Shower Faucets (22 41 39)

22 41 39 00-0012	EA	Single Lever Handle, Chrome Shower Only, Pressure Balanced/Anti-Scald Valve (American Standard T675.501)	208.03	42.84
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0013	EA	Single Lever Handle, Chrome Bath And Shower, Pressure Balanced/Anti-Scald Valve (American Standard T675.502)	244.23	42.84
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	25.00	
22 41 39 00-0014	EA	Two-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3275)	192.25	42.84
		<i>For Faucet With Lever Handles, Add</i>	8.10	
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
22 41 39 00-0015	EA	Three-Knob Handle Chrome Shower And Tub Filler, Ceramic Valving (American Standard Cadet 3375)	211.74	42.84
		<i>For Faucet With Lever Handles, Add</i>	8.10	
		<i>For Faucet With Polished Nickel Or Brass Finish, Add</i>	75.00	
22 41 39 00-0016	EA	Hand Shower With Hose And 25" Slide Bar (American Standard 1662.602)	234.58	26.79
22 41 39 00-0017	EA	Wall Mount, Hand Shower With Hose (Delta 55011)	195.82	26.79
22 41 39 00-0018	EA	Wall Mount, Hand Shower Unit With Hose (Delta Faucet 62001 DS)	303.78	26.79

22 41 39 00-0019 Residential Laundry Faucets (22 41 39)

22 41 39 00-0020	EA	Stream Straightener Nozzle Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2123LF)	138.37	31.51
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22 41 39 00-0021 Residential Laundry/Wash Basin Faucets (22 41 39)

22 41 39 00-0022	EA	Hose Thread Spout Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF)	139.46	31.51
22 41 39 00-0023	EA	Hose Thread Spout With Vacuum Breaker Chrome Laundry Faucet, Lever Handles, 4" Center (Delta 2121LF+RP12503)	197.97	34.73

22 41 39 00-0024 Other Residential Faucets (22 41 39)

22 41 39 00-0025	EA	Sillcock, Compact, Brass, IPS Or Copper To Hose	40.91	8.04
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22 42 Commercial Plumbing Fixtures (22 40)

Note: Prices are for commercial grade unless otherwise indicated. Includes final connection and all associated trim (seat, supply stop and line, wax seal, valve). Excludes rough-in within the wall and carrier.

22 42 13 Commercial Water Closets, Urinals, and Bidets (22 42)

22 42 13 13 Commercial Water Closets (22 42 13)

22 42 13 13-0001 Vitreous China Water Closets (22 42 13 13)

Note: With a 2" ball pass.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0002			Floor Mounted Elongated Vitreous China Water Closets (22 42 13 13-0001) Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0003	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Madera™).....	633.05	102.64
22 42 13 13-0004	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Priolo™).....	766.15	102.64
22 42 13 13-0005	EA		2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Wall Outlet, Elongated Vitreous China Water Closet (American Standard Yorkville™).....	1,008.64	102.64
22 42 13 13-0006	EA		2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Cadet®).....	896.19	102.64
22 42 13 13-0007	EA		1 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (American Standard Compact Cadet®).....	832.70	102.64
22 42 13 13-0008	EA		2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet With Concealed Trapway (American Standard Cadet® 3 FloWise® RIGHT HEIGHT®).....	837.07	102.64
22 42 13 13-0009	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Kohler® Wellcomme™).....	623.30	102.64
22 42 13 13-0010	EA		1.28 GPF Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Elongated Vitreous China Water Closet (Toto® CT705E).....	672.31	102.64
22 42 13 13-0011			Wall Hung Elongated Vitreous China Water Closets (22 42 13 13-0001) Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0012	EA		Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Awall®).....	727.11	126.33
22 42 13 13-0013	EA		Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Awall® ADA Retrofit).....	920.72	126.33
22 42 13 13-0014	EA		2 Piece Tank Type, Pressure Assisted, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Glenwall™).....	1,183.87	126.33
22 42 13 13-0015	EA		Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Kingston™).....	730.29	126.33
22 42 13 13-0016	EA		Flush Valve Type, Blow Out, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler® Stratton™).....	1,148.07	126.33
22 42 13 13-0017	EA		Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT708E Or CT708EV).....	815.68	126.33
22 42 13 13-0018	EA		Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn Z5615-BWL).....	682.77	126.33
22 42 13 13-0019	EA		Flush Valve Type, Siphon Jet, Wall Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Sloan ST-2459).....	721.28	126.33
22 42 13 13-0020			Floor Mounted Elongated Handicapped Water Closets (22 42 13 13-0001) Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0021	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Madera™ ADA).....	642.57	102.64
22 42 13 13-0022	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Colorado Right Height®).....	659.40	102.64
22 42 13 13-0023	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Right Width™ Right Height®).....	733.60	102.64
22 42 13 13-0024	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Huron).....	825.39	102.64
22 42 13 13-0025	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Priolo® ADA).....	821.57	102.64
22 42 13 13-0026	EA		2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Back Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Yorkville™ ADA).....	1,114.55	102.64
22 42 13 13-0027	EA		2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (American Standard Cadet Right Height™ ADA).....	930.96	102.64
22 42 13 13-0028	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Toto® CT705ELN).....	718.15	102.64
22 42 13 13-0029	EA		2 Piece Tank Type, High Efficiency Water Closet Floor Mounted, Elongated, (Sterling 402077) With Open-Front Seat (Kohler K-4650).....	827.69	102.64
22 42 13 13-0030	EA		2 Piece Tank Type, Pressure Assisted, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Kohler Highline™ ADA K-3519).....	954.01	102.64
22 42 13 13-0031	EA		2 Piece Tank Type, Dual-Flush 1.1 And 1.6 GPF, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Vortens Vienna ELX-DF 3113-3436).....	731.21	102.64
22 42 13 13-0032	EA		2 Piece Tank Type, High Efficiency Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Niagara Stealth™).....	710.57	102.64
22 42 13 13-0033	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Water Closet (Zurn HET Z5667-BWL).....	679.54	102.64
22 42 13 13-0034			Floor Mounted, 10" High Bowl, Children's Height Vitreous China Water Closets (22 42 13 13-0001) Note: Includes wax seal and toilet seat. Excludes flush valve.		
22 42 13 13-0035	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Elongated Vitreous China Water Closet (Kohler® Primary™).....	727.64	102.64
22 42 13 13-0036	EA		Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	650.97	102.64
22 42 13 13-0037	EA		2 Piece Tank Type, Siphon Jet, Floor Mounted, Floor Outlet, 10" High Bowl, Children's Height, Round Front Vitreous China Water Closet (American Standard Baby Devoro™).....	770.32	102.64
22 42 13 13-0038			Floor Mounted Round Bowl Vitreous China Water Closets (22 42 13 13-0001)		
22 42 13 13-0039	EA		2 Piece Tank Type, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Toto® CST715) With SoftClose® Seat (Toto® SS113).....	697.45	102.64

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 13-0040	EA		2 Piece Tank Type, Dual Flush, Floor Mounted, Floor Outlet, Round Vitreous China Water Closet (Vortens 3208-3412).....	717.60	102.64
22 42 13 13-0041			Stainless Steel Water Closets (22 42 13 13)		
22 42 13 13-0042	EA		Wall Hung Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2105-T-1-HS).....	3,486.67	222.07
22 42 13 13-0043	EA		Floor Mounted Water Closet, Stainless Steel With Hinged Seat, Siphon Jet (Acorn 2120-T-3-HS).....	3,675.23	222.07
22 42 13 13-0044			Water Closet Carriers (22 42 13 13)		
22 42 13 13-0045			Pipe Grip Adaptor Type, Water Closet Carriers (22 42 13 13-0044) Note: Includes coated cast iron construction, plated hardware and adjustable feet. Excludes waste piping and fittings.		
22 42 13 13-0046	EA		Pipe Grip Adaptor Type, Water Closet Carrier.....	637.97	52.11
22 42 13 13-0047			No-Hub, Water Closet Carriers (22 42 13 13-0044) Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.		
22 42 13 13-0048	EA		Vertical Close With Offset, No-Hub, Single Water Closet Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Special Duty 500 LB Carrier, Add</i>	1,012.40 -91.87 57.28 58.65 78.19 249.67 436.15	52.11
22 42 13 13-0049	EA		Vertical Close On Stack, No-Hub, Single Water Closet Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Special Duty 500 LB Carrier, Add</i>	1,012.40 -91.87 57.28 58.65 78.19 249.67 436.15	52.11
22 42 13 13-0050	EA		Horizontal Adjustable, No-Hub, Single Water Closet Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Horizontal No Hub Cast Long Barrel, Add</i> <i>For Carrier For Wide Chase Installations, Add</i> <i>For Special Duty 1,000 LB Carrier, Add</i>	1,109.78 -91.87 57.28 58.65 78.19 249.67 261.30 336.78 436.16	52.11
22 42 13 13-0051	EA		Vertical Adjustable On Stack, No-Hub, Single Water Closet Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For 4" Branch, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Carrier For Wide Chase Installations, Add</i> <i>For Double 4" Branches, Add</i> <i>For Special Duty 1,000 LB Carrier, Add</i>	1,234.59 -91.87 57.28 58.65 78.19 199.59 249.67 336.78 400.53 436.16	52.11
22 42 13 13-0052	EA		Vertical Close With Offset, No-Hub, Double Water Closet (Back To Back) Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Special Duty 500 LB Carrier, Add</i>	1,694.01 -183.77 121.94 124.69 156.37 264.48 872.30	76.49
22 42 13 13-0053	EA		Vertical Close On Stack, No-Hub, Double Water Closet (Back To Back) Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Special Duty 500 LB Carrier, Add</i>	1,743.40 -183.77 121.94 124.69 156.37 264.48 872.30	76.49
22 42 13 13-0054	EA		Vertical Adjustable On Stack, No-Hub, Double Water Closet (Back To Back) Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For 4" Branch, Add</i> <i>For Auxiliary Inlet, Add</i> <i>For Double 4" Branches, Add</i> <i>For Carrier For Wide Chase Installations, Add</i> <i>For Special Duty 1,000 LB Carrier, Add</i>	2,137.03 -183.77 121.94 124.69 156.37 206.99 264.48 415.34 717.97 872.32	76.49
22 42 13 13-0055	EA		Horizontal Adjustable, No-Hub, Double Water Closet (Back To Back) Carrier <i>For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct</i> <i>For Positioning Frame, Add</i> <i>For Supply Pipe Support, Add</i> <i>For Vandal Proof Trim, Add</i> <i>For Horizontal No Hub Cast Long Barrel, Add</i> <i>For Carrier For Wide Chase Installations, Add</i> <i>For Special Duty 1,000 LB Carrier, Add</i>	2,008.10 -183.77 121.94 124.69 156.37 268.70 717.97 872.32	76.49

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
22 42 13 13-0056		Hub And Spigot, Water Closet Carriers <small>(22 42 13 13-0044)</small>			
		Note: Includes coated cast iron construction, ABS extension with integral test cap, plated hardware and neoprene fixture gasket. Includes buttress feet or pylon feet and anchor foot.			
22 42 13 13-0057	EA	Vertical Close With Offset, Hub And Spigot, Single Water Closet Carrier.....	1,012.40		52.11
		For Positioning Frame, Add	57.28		
		For Supply Pipe Support, Add	58.65		
		For Vandal Proof Trim, Add	78.19		
		For Hanger Type Closet Adapter, Add	196.13		
		For Auxiliary Inlet, Add	249.67		
22 42 13 13-0058	EA	Vertical Close On Stack, Hub And Spigot, Single Water Closet Carrier	1,012.40		52.11
		For Positioning Frame, Add	57.28		
		For Supply Pipe Support, Add	58.65		
		For Vandal Proof Trim, Add	78.19		
		For Auxiliary Inlet, Add	249.67		
		For Special Duty 500 LB Carrier, Add	436.15		
22 42 13 13-0059	EA	Vertical Adjustable On Stack, Hub And Spigot, Single Water Closet Carrier	1,281.22		52.11
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-91.87		
		For Positioning Frame, Add	57.28		
		For Supply Pipe Support, Add	58.65		
		For Vandal Proof Trim, Add	78.19		
		For 4" Branch, Add	199.59		
		For Auxiliary Inlet, Add	249.67		
		For Carrier For Wide Chase Installations, Add	336.78		
		For Double 4" Branches, Add	400.53		
		For Special Duty 1,000 LB Carrier, Add	436.16		
22 42 13 13-0060	EA	Vertical Close With Offset, Hub And Spigot, Double Water Closet (Back To Back) Carrier.....	1,694.01		76.49
		For Positioning Frame, Add	121.94		
		For Supply Pipe Support, Add	124.69		
		For Vandal Proof Trim, Add	156.37		
		For Auxiliary Inlet, Add	264.48		
		For Hanger Type Closet Adapter, Add	392.26		
22 42 13 13-0061	EA	Vertical Adjustable On Stack, Hub And Spigot, Double Water Closet (Back To Back) Carrier	2,183.66		76.49
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-183.77		
		For Positioning Frame, Add	121.94		
		For Supply Pipe Support, Add	124.69		
		For Vandal Proof Trim, Add	156.37		
		For 4" Branch, Add	206.99		
		For Auxiliary Inlet, Add	264.48		
		For Double 4" Branches, Add	415.34		
		For Carrier For Wide Chase Installations, Add	717.97		
		For Special Duty 1,000 LB Carrier, Add	872.32		
22 42 13 13-0062		Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Water Closet Carriers			
		<small>(22 42 13 13-0044)</small>			
		Note: Includes coated cast iron construction, plastic fitting adaptor with extension and plated hardware.			
22 42 13 13-0063	EA	Vertical On Stack, Floor Mount Polyvinyl Chloride (PVC) Adaptor Type, Single Water Closet Carrier	772.37		52.11
		For Positioning Frame, Add	57.28		
		For Supply Pipe Support, Add	58.65		
		For Vandal Proof Trim, Add	78.19		
		For Hanger Type Closet Adapter, Add	196.13		
22 42 13 13-0064		Institutional Water Closet Carriers <small>(22 42 13 13-0044)</small>			
		Note: Includes coated cast iron construction, ABS extension with integral test cap, buttress feet, plated hardware and neoprene fixture gasket.			
22 42 13 13-0065	EA	Vertical On Stack, No-Hub, 90 Degree Institutional, Double Waste Fitting With Vent And Carrier, Water Closet Carrier.....	2,820.07		76.49
		For Carrier For Floor Mounted, Back Outlet China Bowls, Deduct	-183.77		
		For Positioning Frame, Add	121.94		
		For Supply Pipe Support, Add	124.69		
		For Vandal Proof Trim, Add	156.37		
		For Auxiliary Inlet, Add	264.48		
22 42 13 13-0066		Removal And Reinstallation Of Fixtures And Trim <small>(22 42 13 13)</small>			
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.			
22 42 13 13-0067	EA	Removal And Reinstallation Of Wall Hung Water Closet With Tank	451.23		
22 42 13 13-0068	EA	Removal And Reinstallation Of Wall Hung Water Closet With Flush Valve	451.23		
22 42 13 13-0069	EA	Removal And Reinstallation Of Floor Mount Water Closet With Tank	347.04		
22 42 13 13-0070	EA	Removal And Reinstallation Of Floor Mount Water Closet With Flush Valve.....	347.04		
22 42 13 16		Commercial Urinals <small>(22 42 13)</small>			
22 42 13 16-0001		Vitreous China Urinals <small>(22 42 13 16)</small>			
		Note: Excludes flush valve unless indicated otherwise.			
22 42 13 16-0002		Wall Hung Urinals <small>(22 42 13 16-0001)</small>			
22 42 13 16-0003	EA	Wall Hung Washout, Vitreous China Urinal (American Standard Maybrook™)	555.23		105.61
22 42 13 16-0004	EA	Wall Hung, Washout, Vitreous China Urinal With Top Spud (American Standard Washbrook®)	680.92		105.61
22 42 13 16-0005	EA	Wall Hung, Washout, Vitreous China Urinal With Back Spud (American Standard Washbrook®)	707.20		105.61
22 42 13 16-0006	EA	Wall Hung, Blowout, Vitreous China Urinal (American Standard Lynbrook™).....	745.81		105.61
22 42 13 16-0007	EA	Wall Hung Siphon Jet, Vitreous China Urinal (American Standard Trimbrook™).....	678.87		105.61
22 42 13 16-0008	EA	Wall Hung, Siphon Jet, Vitreous China Urinal (American Standard Allbrook™).....	572.74		105.61
22 42 13 16-0009	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT447E Or UT447EV).....	697.33		105.61
22 42 13 16-0010	EA	Wall Hung, Washout, Vitreous China Urinal (Toto® UT104E Or UT104EV).....	595.76		105.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 13 16-0011 EA Wall Hung, Washout, Vitreous China Urinal (Zurn Z5798)	645.12	105.61
22 42 13 16-0012 EA Wall Hung, Washout, 0.125 To 0.5 GPF, HEU, Vitreous China Urinal (Sloan SU-1009-A)	588.50	105.61
22 42 13 16-0013 EA Wall Hung, Washout, 1.0 GPF, HEU, Vitreous China Urinal (Sloan SU-1006-A)	586.35	105.61
22 42 13 16-0014 Floor Mounted Urinals (22 42 13 16-0001)		
22 42 13 16-0015 EA Washout, Floor Mounted, Vitreous China Urinal (American Standard Stallbrook™)	936.95	133.24
22 42 13 16-0016 EA Washout, Floor Mounted, Vitreous China Urinal (Kohler® Branham™)	1,056.92	133.24
22 42 13 16-0017 EA Floor Mounted Urinal Seam Cover For 21" Centers (Kohler® K-4931)	307.16	24.68
22 42 13 16-0018 EA Floor Mounted Urinal Seam Cover For 24" Centers (Kohler® K-4932)	349.13	24.68
22 42 13 16-0019 Waterfree Urinals (22 42 13 16-0001)		
22 42 13 16-0020 EA Waterfree, Wall Hung, Vitreous China Urinal (American Standard Large FloWise® Flush-Free)	624.47	74.03
<i>For >1, Deduct</i>	-43.06	
<i>For Colored Fixtures, Add</i>	66.90	
22 42 13 16-0021 EA Waterfree, Wall Hung, Vitreous China Urinal (SLOAN WES-1000)	1,173.38	74.03
<i>For >1, Deduct</i>	-105.64	
<i>For Colored Fixtures, Add</i>	66.90	
22 42 13 16-0022 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-2000)	1,008.82	74.03
<i>For >1, Deduct</i>	-86.88	
<i>For Colored Fixtures, Add</i>	66.90	
22 42 13 16-0023 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-4000)	770.74	74.03
<i>For >1, Deduct</i>	-59.74	
<i>For Colored Fixtures, Add</i>	66.90	
22 42 13 16-0024 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-5000)	770.74	74.03
<i>For >1, Deduct</i>	-59.74	
<i>For Colored Fixtures, Add</i>	66.90	
22 42 13 16-0025 EA Waterfree, Wall Hung, Vitreous China Urinal (Falcon F-7000)	957.98	74.03
<i>For >1, Deduct</i>	-81.08	
<i>For Colored Fixtures, Add</i>	66.90	
22 42 13 16-0026 EA Waterfree, Wall Hung, Stainless Steel Urinal (Falcon F-9000)	1,458.23	74.03
<i>For >1, Deduct</i>	-138.11	
22 42 13 16-0027 Stainless Steel Urinals (22 42 13 16)		
22 42 13 16-0028 EA Wall Hung Urinal, Stainless Steel, Blowout Jet (Acom 2160-T-1)	3,592.74	222.07
22 42 13 16-0029 EA 5' Wall Hung Trough Urinal, Stainless Steel With Strainer And Washdown Pipe (Elkay EU6014C)	4,659.85	271.42
22 42 13 16-0030 Urinal Carriers (22 42 13 16)		
22 42 13 16-0031 Floor Mounted, Urinal Carriers (22 42 13 16-0030)		
Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 42 13 16-0032 EA Floor Mounted Hanger Plate Type, Single Urinal Carrier	562.99	37.51
<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	28.80	
22 42 13 16-0033 EA Floor Mounted Bearing Plate Type, Single Urinal Carrier	615.10	37.51
<i>For Up To 4" Extension Sleeves And Hardware, Add</i>	28.80	
22 42 13 16-0034 Wall Mounted, Urinal Carriers (22 42 13 16-0030)		
Note: Includes wall plate and adjustable supporting rods.		
22 42 13 16-0035 EA Wall Mounted Hanger Plate Type, Single Urinal Carrier	237.93	37.51
<i>For Up To 6-1/2" Extension Sleeves And Hardware, Add</i>	28.80	
22 42 13 16-0036 Removal And Reinstallation Of Fixtures And Trim (22 42 13 16)		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 13 16-0037 EA Removal And Reinstallation Of Wall Hung Urinal With Flush Valve	449.63	
22 42 16 Commercial Lavatories and Sinks (22 42)		
22 42 16 13 Commercial Lavatories (22 42 16)		
22 42 16 13-0001 Lavatories (22 42 16 13)		
Note: Includes trap, drain and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
22 42 16 13-0002 Wall Hung Lavatories (22 42 16 13-0001)		
22 42 16 13-0003 EA 19" x 17" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	567.66	66.12
22 42 16 13-0004 EA 20" x 18" Porcelain Enameled Cast Iron Wall Hung Lavatory (American Standard Regalyn™)	594.46	66.12
22 42 16 13-0005 EA 22" x 19" Porcelain Enameled Cast Iron Wall Hung Lavatory (Kohler® Hampton™)	744.61	66.12
22 42 16 13-0006 EA 18" x 16" Vitreous China Wall Hung Lavatory (American Standard Penlyn™)	518.78	66.12
22 42 16 13-0007 EA 19" x 17" Vitreous China Wall Hung Lavatory (American Standard Declyn™)	443.89	66.12
22 42 16 13-0008 EA 20" x 18" Vitreous China Wall Hung Lavatory (Kohler® Soho®)	567.22	66.12
22 42 16 13-0009 EA 27" x 20" Wheelchair Accessible, Vitreous China Wall Hung Lavatory (American Standard Wheel Chair Users)	672.51	66.12
22 42 16 13-0010 EA 20" x 18" Vitreous China Wall Hung Lavatory (American Standard Roxalyn™)	531.40	66.12
22 42 16 13-0011 EA 20" x 18" Vitreous China Wall Hung Lavatory (American Standard Lucerne™)	465.96	66.12
22 42 16 13-0012 Countertop Lavatories (22 42 16 13-0001)		
22 42 16 13-0013 EA 20" x 18" Oval Vitreous China Countertop Lavatory (Kohler® Pennington®)	526.19	79.94
22 42 16 13-0014 EA 21" x 18" Vitreous China Countertop Lavatory (American Standard Cadet™ Oval)	537.87	79.94
22 42 16 13-0015 EA 19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Farmington™)	570.36	79.94

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 13-0016	EA		19" x 16" Enameled Cast Iron Countertop Lavatory (Kohler® Ellington™).....	605.04	79.94
22 42 16 13-0017	EA		24" x 18" Enameled Cast Iron Countertop Lavatory (Kohler® Thoreau®).....	794.48	86.36
22 42 16 13-0018			Undermount Lavatories (22 42 16 13-0001)		
22 42 16 13-0019	EA		15" x 12" Vitreous China Undermount Lavatory (American Standard Ovalyn™).....	508.63	79.94
22 42 16 13-0020	EA		17" x 14" Vitreous China Undermount Lavatory (American Standard Ovalyn™).....	476.42	79.94
22 42 16 13-0021	EA		19" x 16" Vitreous China Undermount Lavatory (American Standard Ovalyn™).....	476.42	79.94
22 42 16 13-0022	EA		21" x 17" Vitreous China Undermount Lavatory (American Standard Ovalyn™).....	515.48	79.94
22 42 16 13-0023	EA		15" x 12" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®).....	492.76	79.94
22 42 16 13-0024	EA		17" x 14" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®).....	486.82	79.94
22 42 16 13-0025	EA		19" x 15" Oval Vitreous China Undermount Lavatory (Kohler® Caxton®).....	492.87	79.94
22 42 16 13-0026	EA		18" x 12" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®).....	626.21	79.94
22 42 16 13-0027	EA		21" x 14" Rectangular Vitreous China Undermount Lavatory (Kohler® Ladena®).....	626.21	79.94
22 42 16 13-0028			Pedestal Lavatories (22 42 16 13-0001)		
22 42 16 13-0029	EA		19" x 24" x 35" High Vitreous China Pedestal Sink (American Standard Cadet™).....	646.11	189.99
22 42 16 13-0030			Cultured Marble Vanity Tops (22 42 16 13-0001)		
			Note: Includes predrilled holes for faucet.		
22 42 16 13-0031	EA		25" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	398.01	74.03
22 42 16 13-0032	EA		31" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	453.89	78.95
22 42 16 13-0033	EA		37" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	556.39	83.89
22 42 16 13-0034	EA		49" x 19" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	783.06	88.83
22 42 16 13-0035	EA		25" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	431.90	74.03
22 42 16 13-0036	EA		31" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	463.44	78.95
22 42 16 13-0037	EA		37" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	612.78	83.89
22 42 16 13-0038	EA		43" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	672.01	86.36
22 42 16 13-0039	EA		49" x 22" Cultured Marble Vanity Top With Integrated Backsplash And Sink.....	759.21	88.83
22 42 16 13-0040			Quartz Vanity Tops (22 42 16 13-0001)		
			Note: Includes predrilled holes for faucet.		
22 42 16 13-0041	EA		25" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	813.97	74.03
22 42 16 13-0042	EA		31" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	848.62	78.95
22 42 16 13-0043	EA		37" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	976.39	83.89
22 42 16 13-0044	EA		43" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	983.02	86.36
22 42 16 13-0045	EA		49" x 22" Quartz Vanity Top With Integrated Backsplash And Sink.....	1,073.61	88.83
22 42 16 13-0046	EA		61" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks.....	1,441.97	93.76
22 42 16 13-0047	EA		73" x 22" Quartz Vanity Top With Integrated Backsplash And Two Sinks.....	1,704.23	98.68
22 42 16 13-0048	EA		22" End Splash For Quartz Vanity Tops.....	46.47	
22 42 16 13-0049			Solid Surface Vanity Tops (22 42 16 13-0001)		
			Note: Includes predrilled holes for faucet.		
22 42 16 13-0050	EA		25" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink.....	680.44	74.03
22 42 16 13-0051	EA		31" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink.....	764.49	78.95
22 42 16 13-0052	EA		37" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink.....	859.98	83.89
22 42 16 13-0053	EA		43" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink.....	947.68	86.36
22 42 16 13-0054	EA		49" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink.....	1,027.81	88.83
22 42 16 13-0055	EA		55" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink.....	1,133.60	91.29
22 42 16 13-0056	EA		61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Sink.....	1,263.53	93.76
22 42 16 13-0057	EA		61" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks.....	1,295.96	93.76
22 42 16 13-0058	EA		73" x 22" Solid Surface Vanity Top With Integrated Backsplash And Two Sinks.....	1,399.05	98.68
22 42 16 13-0059	EA		22" End Splash For Solid Surface Vanity Tops.....	69.23	
22 42 16 13-0060			Solid Surface Multi-Station Lavatory Systems (22 42 16 13-0001)		
			Note: ADA compliant. Includes integral faucets.		
22 42 16 13-0061	EA		2 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-2).....	6,601.17	138.71
			For Integral Liquid Soap Dispenser, Add.....	171.00	
			For Integral Photovoltaic Power Panels, Add.....	563.00	
22 42 16 13-0062	EA		3 Station, Solid Surface Multi-Station Lavatory System With Integral Sprayheads And Infrared Controls (Bradley MG-3).....	9,704.98	138.71
			For Integral Photovoltaic Power Panels, Add.....	657.00	
			For Integral Liquid Soap Dispenser, Add.....	171.00	
22 42 16 13-0063	EA		12" Length, Solid Surface Countertop Extension (Bradley MG-EXT-12).....	435.77	46.24
22 42 16 13-0064	EA		18" Length, Solid Surface Countertop Extension (Bradley MG-EXT-18).....	544.31	46.24
22 42 16 13-0065	EA		36" Length, Solid Surface Countertop Extension (Bradley MG-EXT-36).....	1,097.10	46.24
22 42 16 13-0066			Stainless Steel Lavatories (22 42 16 13-0001)		
22 42 16 13-0067	EA		18" x 15" Wall Mounted Lavatory, Stainless Steel (Acorn 1950-1).....	1,814.97	172.73
22 42 16 13-0068			Lavatory Carriers (22 42 16 13)		
22 42 16 13-0069			Floor Mounted, Lavatory Carriers (22 42 16 13-0068)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16	13-0070		Floor Mounted Plate Type, Lavatory Carriers (22 42 16 13-0069) Note: Includes adjustable supporting rods, structural uprights and welded feet.		
	22 42 16 13-0071	EA	Floor Mounted Hanger Plate Type, Single Lavatory Carrier For Up To 4" Extension Sleeves And Hardware, Add For Valve Plate For Attaching To Upright, Add For Corner Carrier, Add	562.99 28.80 99.22 192.97	37.51
	22 42 16 13-0072	EA	Floor Mounted Bearing Plate Type, Single Lavatory Carrier For Up To 4" Extension Sleeves And Hardware, Add For Valve Plate For Attaching To Upright, Add	615.10 28.80 99.22	37.51
	22 42 16 13-0073	EA	Floor Mounted Hanger Plate Type, Double Lavatory (Back To Back) Carrier For Up To 4" Extension Sleeves And Hardware, Add For Valve Plate For Attaching To Upright, Add	707.00 57.60 198.44	37.51
	22 42 16 13-0074	EA	Floor Mounted Bearing Plate Type, Double Lavatory (Back To Back) Carrier For Up To 4" Extension Sleeves And Hardware, Add For Valve Plate For Attaching To Upright, Add	812.61 57.60 198.44	37.51
22 42 16	13-0075		Floor Mounted, Lavatory Carriers With Arms (22 42 16 13-0069) Note: Includes leveling and securing screws, structural uprights and welded feet.		
	22 42 16 13-0076	EA	Floor Mounted, Single Lavatory Carrier With Concealed Arms For Up To 6-1/2" Extension Sleeves And Hardware, Add For Concealed Arm Carrier For Wheelchair Lavatory, Add For Valve Plate For Attaching To Upright, Add For 2" Chrome Plated Escutcheons, Add For 4" Or 6" Chrome Plated Escutcheons, Add	726.74 28.80 39.78 101.19 97.38 176.93	44.41
	22 42 16 13-0077	EA	Floor Mounted, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms For Up To 4-1/2" Extension Sleeves And Hardware, Add For Vandal Proof Trim, Add For Valve Plate For Attaching To Upright, Add For Heavy Duty Carrier, Add	979.11 28.80 78.19 101.19 100.12	44.41
	22 42 16 13-0078	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Concealed Arms For Up To 6-1/2" Extension Sleeves And Hardware, Add For Concealed Arm Carrier For Wheelchair Lavatory, Add For Valve Plate For Attaching To Upright, Add For 2" Chrome Plated Escutcheons, Add For 4" Or 6" Chrome Plated Escutcheons, Add	977.73 57.60 79.56 202.39 194.76 353.86	44.41
	22 42 16 13-0079	EA	Floor Mounted, Double Lavatory (Back To Back) Carrier With Exposed Acid Resistant White Coated Arms For Up To 4-1/2" Extension Sleeves And Hardware, Add For Vandal Proof Trim, Add For Valve Plate For Attaching To Upright, Add For Heavy Duty Carrier, Add	1,460.53 57.60 156.37 202.39 200.24	44.41
22 42 16	13-0080		Wall Mounted, Lavatory Carriers (22 42 16 13-0068)		
22 42 16	13-0081		Wall Mounted Plate Type, Lavatory Carriers (22 42 16 13-0080) Note: Includes wall plate and adjustable supporting rods.		
	22 42 16 13-0082	EA	Wall Mounted Hanger Plate Type, Single Lavatory Carrier For Double Plate Carrier, Add	237.93 74.77	37.51
22 42 16	13-0083		Wall Mounted Plate Type, Lavatory Carriers With Arms (22 42 16 13-0080) Note: Includes wall plate and leveling and securing screws.		
	22 42 16 13-0084	EA	Wall Mounted Fixed Steel Plate Type, Single Lavatory Carrier With Concealed Arms For Up To 4" Extension Sleeves And Hardware, Add For 2" Chrome Plated Escutcheons, Add	407.17 28.80 97.38	44.41
	22 42 16 13-0085	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Concealed Arms For Movable Mounting Brackets, Deduct For Up To 4" Extension Sleeves And Hardware, Add For 2" Chrome Plated Escutcheons, Add For 4" Or 6" Chrome Plated Escutcheons, Add	483.98 -74.07 28.80 97.38 176.93	44.41
	22 42 16 13-0086	EA	Wall Mounted Adjustable Plate Type, Single Lavatory Carrier With Exposed Acid Resistant White Coated Arms For Up To 4-1/2" Extension Sleeves And Hardware, Add For Vandal Proof Trim, Add	721.26 28.80 78.19	44.41
22 42 16	13-0087		Removal And Reinstallation Of Lavatory And Trim (22 42 16 13) Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
	22 42 16 13-0088	EA	Removal And Reinstallation Of Wall Hung Lavatory With Faucet.....	290.29	
22 42 16	16		Commercial Sinks (22 42 16)		
22 42 16	16-0001		Sinks (22 42 16 16) Note: Includes drain, trap and supply valves. Excludes faucets. See CSI section 22 42 39 00-0000 for faucets.		
22 42 16	16-0002		Kitchen Sinks (22 42 16 16-0001)		
	22 42 16 16-0003	EA	25" x 22" x 8-3/4" Enameled Cast Iron Kitchen Sink, Single Bowl (Kohler® Mayfield®).....	690.89	92.77
	22 42 16 16-0004	EA	22" x 33" x 9-5/8" Enameled Cast Iron Kitchen Sink, Double Bowl (Kohler® Brookfield®).....	896.88	105.61
	22 42 16 16-0005	EA	15" x 17" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1517)..... For 18 Gauge, Add	853.28 241.58	90.80
	22 42 16 16-0006	EA	17" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR1722)..... For 18 Gauge, Add	875.14 252.51	90.80
	22 42 16 16-0007	EA	22" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2222)..... For 18 Gauge, Add	924.33 277.11	90.80

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 16 16-0008	EA		25" x 22" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR2522).....	968.96	92.77
			<i>For 18 Gauge, Add</i>	293.50	
22 42 16 16-0009	EA		31" x 22" x 7-1/4" Stainless Steel Kitchen Sink, Single Bowl, 20 Gauge (Elkay PSR3122).....	1,221.60	105.61
			<i>For 18 Gauge, Add</i>	400.99	
22 42 16 16-0010	EA		33" x 21" x 7-1/2" Stainless Steel Kitchen Sink, Double Bowl, 20 Gauge (Elkay PSR3321).....	1,247.98	105.61
			<i>For 18 Gauge, Add</i>	414.00	
22 42 16 16-0011	EA		15" x 17" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR151710)	1,207.62	90.80
22 42 16 16-0012	EA		17" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR172210)	1,232.21	90.80
22 42 16 16-0013	EA		22" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR222210)	1,294.15	90.80
22 42 16 16-0014	EA		25" x 22" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR252210)	1,377.95	92.77
22 42 16 16-0015	EA		31" x 22" x 11-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay DLR312210)	1,667.03	105.61
22 42 16 16-0016	EA		33" x 22" x 8" Stainless Steel Kitchen Sink, Double Bowl, 18 Gauge (Elkay LR3322).....	1,596.86	105.61
22 42 16 16-0017			Undermount Kitchen Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0018	EA		21" x 15" x 7-1/2" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU2115) With Strainer (Elkay LK99).....	1,076.38	90.80
22 42 16 16-0019	EA		21" x 15" x 10" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELU211510) With Strainer (Elkay LK99).....	1,073.72	90.80
22 42 16 16-0020	EA		21" x 15" x 7-1/2" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH2115) With Strainer (Elkay LK99)	1,085.49	90.80
22 42 16 16-0021	EA		21" x 15" x 10" Stainless Steel Kitchen Sink With Cutting Board, Single Bowl, 18 Gauge (Elkay ELUH211510) With Strainer (Elkay LK99)	1,147.43	90.80
22 42 16 16-0022	EA		21" x 15-3/4" x 4-3/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHAD2115) With Strainer (Elkay LK99).....	1,108.26	90.80
			Note: Available in 4-1/2", 5, or 5-1/2" depths.		
22 42 16 16-0023	EA		25" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF2520) With Strainer (Elkay LK99).....	1,267.01	90.80
22 42 16 16-0024	EA		32" x 20-1/2" x 7-7/8" Stainless Steel Kitchen Sink, Single Bowl, 18 Gauge (Elkay ELUHF3320) With Strainer (Elkay LK99).....	1,504.37	90.80
22 42 16 16-0025	EA		21" x 18" x 5-1/2" Deep, Single Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. US-ADA-1821-A).....	879.00	90.80
22 42 16 16-0026	EA		32" x 18" x 5-1/2" Deep, Two Compartment Stainless Steel Sink, Undermount, 18 Gauge (Just Manufacturing Co. UD-ADA-1832-A).....	1,145.51	90.80
22 42 16 16-0027			Multi-Station Wash Sink, Wall Mounted <small>(22 42 16 16-0001)</small>		
			Note: Includes concealed wall hanger, soap dish(s), strainer, supply lines and P-Trap. Excludes faucets.		
22 42 16 16-0028	EA		36" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™).....	1,879.93	160.39
			Note: Excludes faucets.		
22 42 16 16-0029	EA		48" Wide, 2 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	2,500.25	172.73
			Note: Excludes faucets.		
22 42 16 16-0030	EA		60" Wide, 3 Station Enameled Cast Iron Multi-Station Wash Sink (Kohler® Brockway™)	2,869.64	185.05
			Note: Excludes faucets.		
22 42 16 16-0031	EA		48" Wide, 2 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,223.96	123.38
			Note: Excludes faucets.		
22 42 16 16-0032	EA		62" Wide, 3 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,468.27	135.71
			Note: Excludes faucets.		
22 42 16 16-0033	EA		80" Wide, 4 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	2,707.67	148.05
			Note: Excludes faucets.		
22 42 16 16-0034	EA		102" Wide, 5 Station Stainless Steel Multi-Station Wash Sink (Bradley 6951)	3,003.58	166.56
			Note: Excludes faucets.		
22 42 16 16-0035	EA		27" Diameter, 2 Person, Stainless Steel, Sensor Operated Compact Wash Fountain.....	2,887.96	271.42
			Note: Includes sensor operated spray heads.		
22 42 16 16-0036			Utility Or Laundry Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0037	EA		23" x 21" Molded Stone Single Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FL-1).....	629.64	105.61
22 42 16 16-0038	EA		40" x 24" Molded Stone Double Laundry Sink, Floor Mounted With Enamel Steel Legs (Fiat Products FLTD-II).....	727.32	105.61
22 42 16 16-0039	EA		22" x 17" Molded Stone Single Laundry Sink, Drop-In (Fiat Products DL1).....	627.75	105.61
22 42 16 16-0040	EA		24" x 21" Enameled Cast Iron Single Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2210).....	972.97	105.61
22 42 16 16-0041	EA		48" x 21" Enameled Cast Iron Double Laundry Sink, Floor Mounted With Metal Stand (Eljer 222-2220).....	1,388.56	118.44
22 42 16 16-0042			Refinish Sink/Lavatory <small>(22 42 16 16-0001)</small>		
22 42 16 16-0043	EA		Refinish Sink/Lavatory.....	231.35	
22 42 16 16-0044			Service Sinks <small>(22 42 16 16-0001)</small>		
22 42 16 16-0045	EA		22" x 18" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Lakewell™).....	1,008.02	158.91
22 42 16 16-0046	EA		24" x 20" Enameled Cast Iron Wall Mount Service Sink With Stainless Steel Rim Guard, Trap Standard (American Standard Akron™).....	1,061.30	158.91
22 42 16 16-0047	EA		28" x 28" Enameled Cast Iron Floor Type Corner Service Sink With Removable Vinyl Coated Rim Guard (American Standard Florwell™).....	1,324.32	210.22
22 42 16 16-0048	EA		12" x 12" x 10" Cast Iron Floor Sink With Dome Strainer And Full Grate (Zurn FD2377-PO3-F).....	549.72	148.05
22 42 16 16-0049	EA		24" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB2424)	634.77	148.05
22 42 16 16-0050	EA		36" x 24" x 10" Plastic Composite Mop Service Sink With Combination Dome Strainer And Stainless Steel Lint Basket (Fiat Products MSB3624)	698.77	177.65
22 42 16 16-0051	EA		24" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2424-010)	597.27	148.05
22 42 16 16-0052	EA		36" x 24" x 10" Molded Stone Mop Service Sink With Strainer (Swanstone MS-2436-010)	677.33	177.65
22 42 16 16-0053	EA		24" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-24).....	942.28	148.05
22 42 16 16-0054	EA		36" x 24" x 12" Terrazzo Mop Service Sink With Strainer (Acorn TSH-3624).....	1,164.25	177.65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 42 23 Commercial Showers (22 42)

22 42 23 00-0001			Shower Enclosures (22 42 23) Note: Includes precast concrete receptors. Excludes plumbing hook-up and door or curtain.		
22 42 23 00-0002			Powder Coated Or Baked Enamel Steel Shower Enclosure (22 42 23 00-0001)		
22 42 23 00-0003	EA		32" x 32" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	1,673.54	159.19
22 42 23 00-0004	EA		36" x 36" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	1,673.54	159.19
22 42 23 00-0005	EA		40" x 40" x 82" Baked Enamel Steel Shower Enclosure (General Partitions).....	2,540.84	159.19
22 42 23 00-0006	EA		40" x 48" x 82" Handicapped, Baked Enamel Steel Shower Enclosure (General Partitions).....	2,798.32	159.19
22 42 23 00-0007			Solid Plastic Core High Density Polymer (HDP) Shower Enclosure (22 42 23 00-0001)		
22 42 23 00-0008	EA		32" x 32" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	2,771.22	159.19
22 42 23 00-0009	EA		36" x 36" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	2,771.22	159.19
22 42 23 00-0010	EA		40" x 40" x 82" Single Opening Solid Plastic Shower Enclosure (General Partitions).....	3,990.86	159.19
22 42 23 00-0011	EA		40" x 48" x 82" Handicapped, Solid Plastic Shower Enclosure (General Partitions).....	4,465.17	159.19
22 42 23 00-0012			Shower Wall Panels And Accessories (22 42 23 00-0001)		
22 42 23 00-0013	EA		36" Wide x 96" High Solid Plastic Shower Wall Panel; Swanstone SS-3696.....	921.31	74.03
22 42 23 00-0014	EA		48" Wide x 96" High Solid Plastic Shower Wall Panel; Swanstone SS-4896-1.....	1,270.28	98.70
22 42 23 00-0015	EA		Corner Soap Dish; Swanstone SS7211.....	215.10	12.34
22 42 23 00-0016	LF		10" Wide Window Trim With 1-1/2" Lip (Swanstone SSWTK-1).....	129.45	3.70
22 42 23 00-0017	EA		24" x 48" L-Shaped Stainless Steel Grab Bar; Swanstone BF-2448.....	416.50	22.85
			<i>For Peened Grip, Add</i>	33.37	
22 42 23 00-0018	EA		Folding Shower Seat, White; Swanstone BF-2300.....	1,162.61	45.70
22 42 23 00-0019	EA		Window Trim Kit For Shower; Swanstone SSWTK-1..... Note: Up to 36" wide and 10" deep.	587.09	49.35
22 42 23 00-0020	EA		Installation Kit; Swanstone SS29000..... Note: Up to 36" wide and 10" deep.	118.65	
22 42 23 00-0021	EA		Installation Kit; Swanstone SS72000..... Note: Up to 36" wide and 10" deep.	55.66	
22 42 23 00-0022	EA		Wall Panel Trim Kit; Swanstone TK-6072..... Note: Kit includes four 3-7/8" x 74" trim strips and two 1-1/4" x 1/2" x 72" corner moldings, and one tube of adhesive and one tube of caulk.	613.84	32.15
22 42 23 00-0023	EA		Wall Panel Trim Kit; Swanstone TK-105..... Note: Kit includes two 3-7/8" x 105" trim strips and two 3-7/8" x 74" trim strips, and two 1-1/4" x 1/2" x 96" corner moldings.	728.98	32.15
22 42 23 00-0024	EA		Wall Panel Trim Kit; Swanstone TK-105-TP..... Note: Kit includes one 3-7/8" x 105" trim strip.	357.87	10.72
22 42 23 00-0025	EA		1/2" D x 1-1/4" W x 72" H Wall Panel Corner Molding; Swanstone CM-2072..... Note: Set of 2.	108.67	13.40
22 42 23 00-0026	EA		1/2" D x 1-1/4" W x 96" H Wall Panel Corner Molding; Swanstone CM-2096..... Note: Set of 2.	120.82	13.40
22 42 23 00-0027	EA		1/4" D x 3-3/4" W x 72" H Batten Strip; Swanstone TK-0372.....	131.24	10.72
22 42 23 00-0028	EA		30" x 60" Barrier Free Shower Floor; Swanstone SBF-3060.....	1,778.15	48.23
22 42 23 00-0029	EA		34" x 42" Shower Floor; Swanstone SS-3442.....	797.35	40.19
22 42 23 00-0030			Composite Fiberglass Shower Enclosure, 4 Piece Knock-Down (22 42 23 00-0001)		
22 42 23 00-0031	EA		32" x 32" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3232CS).....	1,397.19	159.19
22 42 23 00-0032	EA		36" x 36" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 3636CS).....	1,437.22	159.19
22 42 23 00-0033	EA		34" x 48" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 4834CS).....	1,477.25	159.19
22 42 23 00-0034	EA		30" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6030CSL).....	1,557.31	159.19
22 42 23 00-0035	EA		34" x 60" x 76" Composite Shower Enclosure, 4 Piece (Aquatic 6034CS).....	1,663.39	159.19
22 42 23 00-0036			1 Piece Shower Units (22 42 23)		
22 42 23 00-0037	EA		1 Piece, 32" x 32" x 73" Fiberglass Shower With Drain (Swanstone FS03232).....	1,188.49	99.87
22 42 23 00-0038	EA		1 Piece, 36" x 36" x 73" Fiberglass Shower With Drain (Swanstone FS03636).....	1,335.48	99.87
22 42 23 00-0039			Personnel Type Shower Receptors (22 42 23)		
22 42 23 00-0040			Acrylic Shower Receptors (22 42 23 00-0039)		
22 42 23 00-0041	EA		36" x 36" Acrylic Shower Receptor.....	450.60	40.19
22 42 23 00-0042	EA		42" x 42" Acrylic Shower Receptor.....	477.01	40.19
22 42 23 00-0043	EA		48" x 48" Acrylic Shower Receptor.....	529.74	40.19
22 42 23 00-0044	EA		60" x 60" Acrylic Shower Receptor.....	644.46	48.23
22 42 23 00-0045	EA		48" x 32" Acrylic Shower Receptor.....	451.84	40.19
22 42 23 00-0046	EA		48" x 36" Acrylic Shower Receptor.....	486.57	40.19
22 42 23 00-0047	EA		48" x 42" Acrylic Shower Receptor.....	551.18	40.19
22 42 23 00-0048	EA		60" x 30" Acrylic Shower Receptor.....	891.80	117.40
22 42 23 00-0049	EA		60" x 32" Acrylic Shower Receptor.....	611.59	48.23
22 42 23 00-0050	EA		60" x 36" Acrylic Shower Receptor.....	616.06	48.23
22 42 23 00-0051	EA		60" x 42" Acrylic Shower Receptor.....	620.16	48.23
22 42 23 00-0052	EA		60" x 48" Acrylic Shower Receptor.....	684.36	48.23
22 42 23 00-0053	EA		36" x 36" Acrylic Corner Shower Receptor.....	662.27	40.19
22 42 23 00-0054	EA		42" x 42" Acrylic Corner Shower Receptor.....	761.94	40.19
22 42 23 00-0055	EA		47-1/2" x 47-1/2" Acrylic Corner Shower Receptor.....	1,234.97	111.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 23 00-0056			Molded Stone Shower Receptors (22 42 23 00-0039)		
22 42 23 00-0057	EA		32" x 32" Molded Stone Shower Receptor (Fiat 32WL).....	297.04	40.19
22 42 23 00-0058	EA		34" x 34" Molded Stone Shower Receptor (Fiat 34WL).....	311.94	40.19
22 42 23 00-0059	EA		36" x 36" Molded Stone Shower Receptor (Fiat 36WL).....	313.60	40.19
22 42 23 00-0060	EA		42" x 42" Molded Stone Shower Receptor (Fiat 4242WL).....	387.27	40.19
22 42 23 00-0061	EA		42" x 34" Molded Stone Shower Receptor (Fiat 42WL).....	342.57	40.19
22 42 23 00-0062	EA		48" x 32" Molded Stone Shower Receptor (Fiat 4832WL).....	363.27	40.19
22 42 23 00-0063	EA		48" x 34" Molded Stone Shower Receptor (Fiat 48WL).....	365.75	40.19
22 42 23 00-0064	EA		54" x 34" Molded Stone Shower Receptor (Fiat 54WL).....	423.18	48.23
22 42 23 00-0065	EA		60" x 34" Molded Stone Shower Receptor (Fiat 60WL).....	438.91	48.23
22 42 23 00-0066	EA		36" x 36" Molded Stone Corner Shower Receptor (Fiat 36WLC).....	346.71	40.19
22 42 23 00-0067	EA		38" x 38" Molded Stone Corner Shower Receptor (Fiat 38WLC).....	355.82	40.19
22 42 23 00-0068			Precast Terrazzo Shower Receptors (22 42 23 00-0039)		
22 42 23 00-0069	EA		30" x 30" Precast Terrazzo Shower Receptor.....	566.91	40.19
22 42 23 00-0070	EA		32" x 32" Precast Terrazzo Shower Receptor.....	589.26	40.19
22 42 23 00-0071	EA		34" x 34" Precast Terrazzo Shower Receptor.....	609.96	40.19
22 42 23 00-0072	EA		36" x 36" Precast Terrazzo Shower Receptor.....	612.44	40.19
22 42 23 00-0073	EA		40" x 40" Precast Terrazzo Shower Receptor.....	671.22	40.19
22 42 23 00-0074	EA		42" x 42" Precast Terrazzo Shower Receptor.....	701.02	40.19
22 42 23 00-0075	EA		48" x 48" Precast Terrazzo Shower Receptor.....	989.10	40.19
22 42 23 00-0076	EA		36" x 32" Precast Terrazzo Shower Receptor.....	604.99	40.19
22 42 23 00-0077	EA		42" x 32" Precast Terrazzo Shower Receptor.....	616.86	40.19
22 42 23 00-0078	EA		42" x 34" Precast Terrazzo Shower Receptor.....	638.10	40.19
22 42 23 00-0079	EA		42" x 36" Precast Terrazzo Shower Receptor.....	664.59	40.19
22 42 23 00-0080	EA		32" x 48" Precast Terrazzo Shower Receptor.....	667.08	40.19
22 42 23 00-0081	EA		48" x 34" Precast Terrazzo Shower Receptor.....	701.02	40.19
22 42 23 00-0082	EA		54" x 32" Precast Terrazzo Shower Receptor.....	734.96	40.19
22 42 23 00-0083	EA		60" x 30" Precast Terrazzo Shower Receptor.....	994.90	48.23
22 42 23 00-0084	EA		60" x 32" Precast Terrazzo Shower Receptor.....	1,088.83	48.23
22 42 23 00-0085	EA		60" x 34" Precast Terrazzo Shower Receptor.....	1,093.44	48.23
22 42 23 00-0086	EA		60" x 36" Precast Terrazzo Shower Receptor.....	1,098.02	48.23
22 42 23 00-0087	EA		32" x 32" Precast Terrazzo Corner Shower Receptor.....	615.75	40.19
22 42 23 00-0088	EA		34" x 34" Precast Terrazzo Corner Shower Receptor.....	616.86	40.19
22 42 23 00-0089	EA		36" x 36" Precast Terrazzo Corner Shower Receptor.....	619.06	40.19
22 42 23 00-0090	EA		40" x 40" Precast Terrazzo Corner Shower Receptor.....	744.06	40.19
22 42 23 00-0091	EA		36" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,360.79	40.19
22 42 23 00-0092	EA		60" x 30", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,514.25	48.23
22 42 23 00-0093	EA		60" x 36", ADA Wheelchair Accessible, Precast Terrazzo Shower Receptor.....	1,578.82	48.23
22 42 23 00-0094			Shower Receptors Accessories (22 42 23 00-0039)		
22 42 23 00-0095	SF		Polyvinyl Chloride (PVC) Shower Pan Liner.....	3.67	
22 42 23 00-0096			Removal And Reinstallation Of Fixtures And Trim (22 42 23)		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.					
22 42 23 00-0097	EA		Removal And Reinstallation Of Shower Head.....	48.23	
22 42 33			Wash Fountains (22 42)		
22 42 33 00-0001			Circular Wash Fountain, Deep Bowl (22 42 33)		
Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.					
22 42 33 00-0002	EA		36" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2705F-A-LSD).....	8,655.29	161.84
				<i>For Metal Soap Dispenser, Add</i>	100.00
				<i>For Stainless Steel Pedestal Panels, Add</i>	100.00
22 42 33 00-0003	EA		36" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2805F-A-LSD).....	4,917.94	161.84
				<i>For Metal Soap Dispenser, Add</i>	100.00
				<i>For Stainless Steel Pedestal Panels, Add</i>	100.00
22 42 33 00-0004	EA		36" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3105AIRLSDE).....	8,547.38	161.84
				<i>For Metal Soap Dispenser, Add</i>	100.00
				<i>For Stainless Steel Pedestal Panels, Add</i>	100.00
22 42 33 00-0005	EA		54" Stainless Steel Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2708F-A-LSD).....	11,036.60	184.95
				<i>For Metal Soap Dispenser, Add</i>	100.00
				<i>For Stainless Steel Pedestal Panels, Add</i>	100.00
22 42 33 00-0006	EA		54" Bradstone® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2808F-A-LSD).....	5,674.76	184.95
				<i>For Metal Soap Dispenser, Add</i>	100.00
				<i>For Stainless Steel Pedestal Panels, Add</i>	100.00
22 42 33 00-0007	EA		54" Terreon® Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3108AIRLSDE).....	10,243.04	184.95
				<i>For Metal Soap Dispenser, Add</i>	100.00
				<i>For Stainless Steel Pedestal Panels, Add</i>	100.00

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 33 00-0008			Semi-Circular Wash Fountain, Deep Bowl <small>(22 42 33)</small>		
			Note: Includes trim and trap. 2" IPS waste outlets foot control/hand control operated.		
22 42 33 00-0009	EA		36" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2703F-A-LSD).....	7,552.29	138.71
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0010	EA		36" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2803F-A-LSD).....	4,491.68	138.71
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0011	EA		36" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3103AIRLSDE).....	6,478.03	138.71
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0012	EA		54" Stainless Steel Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2704F-A-LSD).....	9,269.09	161.84
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0013	EA		54" Bradstone® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley WF2804F-A-LSD).....	5,420.87	161.84
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 33 00-0014	EA		54" Terreon® Semi-Circular Wash Fountain Including Trim, Trap, 2" IPS Outlet And Foot/Hand Controls (Bradley TDB3104AIRLSDE).....	7,706.69	161.84
			<i>For Metal Soap Dispenser, Add</i>	100.00	
			<i>For Stainless Steel Pedestal Panels, Add</i>	100.00	
22 42 39			Commercial Faucets, Supplies, and Trim <small>(22 42)</small>		
22 42 39 00-0001			Kitchen Faucets <small>(22 42 39)</small>		
22 42 39 00-0002	EA		Top Cast Kitchen Faucet, Single Handle, Chrome Finish (Delta 140-DST).....	190.07	49.35
22 42 39 00-0003	EA		Top Cast Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 440-DST).....	214.32	49.35
22 42 39 00-0004	EA		Top Cast Kitchen Faucet, Single Handle, Stainless Steel Finish (Delta 140-SS-DST).....	195.68	49.35
22 42 39 00-0005	EA		Top Cast Kitchen Faucet With Spray, Single Handle, Stainless Steel Finish (Delta 440-SS-DST).....	221.20	49.35
22 42 39 00-0006	EA		Top Cast Kitchen Faucet, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2102LF-LHP+H24).....	177.25	49.35
22 42 39 00-0007	EA		Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, 8" Center, Lever Handles (Delta 2402LF-LHP+H24).....	194.34	49.35
22 42 39 00-0008	EA		Top Cast Kitchen Faucet, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21987LF).....	251.93	49.35
22 42 39 00-0009	EA		Top Cast Kitchen Faucet With Spray, Two Handle, Chrome Finish, Center Gooseneck Faucet, Lever Handles (Delta 21996LF).....	179.66	49.35
22 42 39 00-0010	EA		Bottom Mount Kitchen Faucet, Single Handle, Chrome Finish (Delta 101LF-WF).....	173.19	49.35
22 42 39 00-0011	EA		Bottom Mount Kitchen Faucet With Spray, Single Handle, Chrome Finish (Delta 175LF-WF).....	204.81	49.35
22 42 39 00-0012	EA		Bottom Mount Kitchen Faucet, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2274-LHP+H24).....	351.29	49.35
22 42 39 00-0013	EA		Bottom Mount Kitchen Faucet With Spray, Two Handle, Chrome Finish, Gooseneck Faucet, Lever Handles (Delta 2276-LHP+H24).....	385.25	49.35
22 42 39 00-0014	EA		Deck Mount Sink Faucet, 8" Center Set, Lever Handles (Chicago Faucet 1100 ABCP).....	363.11	53.59
22 42 39 00-0015	EA		Deck Mount Sink Faucet, 8" Center Set, 4" Wristblade Handles (Chicago Faucet 1100-GN2AE3-317CP).....	361.45	53.59
22 42 39 00-0016	EA		Deck Mount Gooseneck Sink Faucet, 4" Center Set, Blade Handles (Chicago Faucet 802-317CP).....	270.07	53.59
22 42 39 00-0017	EA		Chrome Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041CR).....	622.32	49.35
22 42 39 00-0018	EA		Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041NK).....	787.12	49.35
22 42 39 00-0019	EA		Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray (Elkay LKGT1041RB).....	842.05	49.35
22 42 39 00-0020	EA		Chrome Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041CR).....	622.32	49.35
22 42 39 00-0021	EA		Brushed Nickel Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041NK).....	787.12	49.35
22 42 39 00-0022	EA		Oil Rubbed Bronze Single Handle Kitchen Faucet With Integrated Spray, 1.5 GPM Aerator (Elkay LKLFGT1041RB).....	842.05	49.35
22 42 39 00-0023			Lavatory Faucets <small>(22 42 39)</small>		
22 42 39 00-0024	EA		Single Handle Centerset Lavatory Faucet, Polished Chrome Finish (Delta Lahara 538-MPU-DST).....	230.27	35.53
22 42 39 00-0025	EA		4" Centerset Lavatory Faucet With Chrome Lever Handle (Delta 501LF-WF).....	160.11	35.53
22 42 39 00-0026	EA		4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2523LF-MPU).....	198.49	35.53
22 42 39 00-0027	EA		4" Centerset Lavatory Faucet With Chrome Lever Handles (Delta 2529LF-HDM).....	217.63	35.53
22 42 39 00-0028	EA		Classic Style Widespread Lavatory Faucet With Chrome Lever Handles (Delta 3530LF-MPU).....	267.06	35.53
22 42 39 00-0029	EA		Widespread Lavatory Gooseneck Faucet With Chrome Lever Handles (Delta 3579LF-WFHDF).....	310.97	35.53
22 42 39 00-0030	EA		Self Closing/Metered Faucet, Brass, Single Hole, Push Handle (Delta 86T104).....	190.24	35.53
22 42 39 00-0031	EA		Self Closing/Metered Faucet, Double Hole, Push Handles (American Standard 1340.225.002).....	289.06	35.53
22 42 39 00-0032	EA		Single Inlet, Push Handle Metering Faucet, ADA (Chicago Faucet 333-665).....	208.60	35.53
22 42 39 00-0033	EA		3" Reach, 4-Arm Handle Single Basin Faucet (T&S Brass 0710).....	213.41	35.53
22 42 39 00-0034	EA		3" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0712).....	257.50	35.53
22 42 39 00-0035	EA		4" Reach, Push Handle Self-Closing Valve, Single Basin Metering Faucet (T&S Brass 0805).....	252.29	35.53
22 42 39 00-0036	EA		4" Classic Style Centerset Lavatory Faucet With Chrome Lever Handles (Zurn Z81104).....	206.29	35.53
22 42 39 00-0037			Bath And Shower Faucets <small>(22 42 39)</small>		
22 42 39 00-0038			Bath And Shower Faucets With Valve Body <small>(22 42 39 00-0037)</small>		
22 42 39 00-0039	EA		Single Lever Handle, Chrome Tub Filler, Pressure-Balance (American Standard T480 500).....	213.60	42.84
22 42 39 00-0040	EA		Single Lever Handle, Chrome Shower Only, Pressure-Balance (American Standard T480.501).....	249.80	42.84
22 42 39 00-0041	EA		Single Lever Handle, Chrome Shower And Tub Filler, Pressure-Balance (American Standard T480.502).....	273.00	42.84
22 42 39 00-0042	EA		Two Lever Handle, Chrome Tub Filler (American Standard Colony Soft 3275.505).....	197.82	42.84
			<i>For Faucet With Metal Cross Handles, Add</i>	45.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0043 EA Two Lever Handle, Chrome Shower Only (American Standard Colony Soft 3275.501).....	207.10	42.84
<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0044 EA Two Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3275.502).....	234.02	42.84
<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0045 EA Three Lever Handle, Chrome Shower And Tub Filler (American Standard Colony Soft 3375.502).....	264.65	42.84
<i>For Faucet With Metal Cross Handles, Add</i>	45.75	
22 42 39 00-0046 Shower Valves And Trim (22 42 39)		
See CSI section 22 41 39 00-0011 for residential shower valves and heads.		
22 42 39 00-0047 EA Removable Hand Held Shower With Hose Wall Hook And Inline Vacuum Breaker (Powers 141-318 with 141-319).....	347.55	66.62
22 42 39 00-0048 EA Concealed Thermostatic/Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 2502-600CP).....	772.38	66.62
22 42 39 00-0049 EA Concealed Pressure Balancing Control Valve With Chrome Plated Shower Head (Chicago Faucet 1762-ISCP).....	538.35	66.62
22 42 39 00-0050 EA Senior Institutional Shower Head (Symmons® 4-150).....	207.80	42.84
22 42 39 00-0051 EA Universal Institutional Shower Head (Symmons® 4-151).....	346.00	42.84
22 42 39 00-0052 EA Fre-Flo Institutional Shower Head (Symmons® 4-295).....	244.18	42.84
22 42 39 00-0053 EA Fre-Flo Institutional Shower Head With Short Arm (Symmons® 4-385).....	184.59	42.84
22 42 39 00-0054 EA Wall Mounted Shower Valve And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-300-B30-V-X).....	772.32	64.16
22 42 39 00-0055 EA Wall Mounted Shower Valve, Tub Faucet, And Slide Bar, Single Lever Concealed Mixer (Symmons® 96-400-B30-V-X).....	635.07	74.03
22 42 39 00-0056 EA Wall Mounted Shower Valve, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-500-B30-V-X).....	836.76	74.03
22 42 39 00-0057 EA Wall Mounted Shower Valve, Tub Faucet, Slide Bar And Head, Single Lever Concealed Mixer (Symmons® 96-600-B30-V-X).....	1,176.50	78.95
22 42 39 00-0058 EA Stainless Steel Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-801S/1-802S).....	1,069.04	66.62
<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
<i>For Recessed Soap Dish, Add</i>	108.12	
<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0059 EA Stainless Steel Corner Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Soap Dish, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-807).....	1,270.46	66.62
<i>For Hand Spray, Hose And Wall Hooks, Add</i>	106.44	
<i>For Recessed Soap Dish, Add</i>	108.12	
<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	165.51	
<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0060 EA Stainless Steel Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S).....	866.00	66.62
<i>For Hand Spray, Hose And Wall Hooks, Add</i>	19.32	
<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	78.39	
<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0061 EA Stainless Steel Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-911RS).....	1,305.87	66.62
<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0062 EA Stainless Steel Double Outlet Institutional Shower System With Thru-Ceiling Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-902S-FS).....	1,400.68	66.62
<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0063 EA Stainless Steel Institutional Triple Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-931).....	2,581.65	66.62
<i>For Recessed Soap Dish, Add</i>	83.94	
<i>For Pressure Balance And Metering Combination, Add</i>	227.79	
22 42 39 00-0064 EA Stainless Steel Institutional Double Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Heads, Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-921).....	2,255.53	66.62
<i>For Recessed Soap Dish, Add</i>	83.94	
<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0065 EA Stainless Steel Tub And Shower System With Thru-Wall Exposed Piping Covering, Adjustable Shower Head, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-941-231).....	1,133.63	66.62
22 42 39 00-0066 EA Stainless Steel Double Outlet Institutional Shower System With Flat Wall Recessed Piping Covering, Vandal Resistant Adjustable Shower Head, Hand Spray, Hose, Wall Hooks, Soap Dish And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-912RS-FS).....	1,738.63	66.62
<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
<i>For Pressure Balance And Metering Combination, Add</i>	291.63	
22 42 39 00-0067 EA Stainless Steel Single Supply Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-60).....	1,132.11	66.62
22 42 39 00-0068 EA Stainless Steel Single Supply Single Outlet Institutional Shower System With Thru-Wall Exposed Piping Covering, Vandal Resistant Adjustable Shower Head, Soap Dish, Sloped Metal Top Cap And Thermostatic/Pressure Balancing Control Valve (Symmons® Hydapipe® 1-901S-22-FS).....	1,128.77	66.62
<i>For Hand Spray, Hose And 30" Slide Bar, Add</i>	59.07	
22 42 39 00-0069 EA Single Lever Handle, Chrome, Pressure-Balance, Shower System (Symmons SafetyMix 1-100-X-3/4).....	832.84	59.22
22 42 39 00-0070 EA Single Lever Handle, Chrome, Pressure-Balance, Shower Valve (Symmons SafetyMix 4-500).....	643.39	42.84
22 42 39 00-0071 Service Sink Faucets (22 42 39)		
22 42 39 00-0072 EA 4-5/8" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (Kohler® Kinlock™).....	459.75	82.17
22 42 39 00-0073 EA 3" Spout, Wall Mount, Service Sink Faucet With Lever Handles (American Standard 8340.235).....	330.36	82.17
22 42 39 00-0074 EA 3" Spout With Vacuum Breaker, Wall Mount Service Sink Faucet With Lever Handles (American Standard 8340.243).....	355.42	82.17
22 42 39 00-0075 EA 6" Spout With Vacuum Breaker And Top Brace, Wall Mount Service Sink Faucet, Lever Handles (American Standard 8344.012).....	368.42	82.17

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0076	EA		7-1/4" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.101).....	481.81	115.18
22 42 39 00-0077	EA		7-1/4" Spout With Vacuum Break And Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8355.110).....	539.89	131.27
22 42 39 00-0078	EA		11" Spout With Bottom Fork Brace, Stops In Integral Arm, Wall Mount Service Sink Faucet With Wrist Blade Handles (American Standard 8345.115).....	621.57	131.27
22 42 39 00-0079	EA		Wall Mount Service Sink Faucet With Atmospheric Vacuum Breaker Spout, Lever Handles (Chicago Faucet 305-VBRCF).....	365.68	82.17
22 42 39 00-0080	EA		44" Flexible Stainless Steel Hose With Insulated Handle, 23" Riser, Pre-Rinse Faucet (Chicago Faucet 923-XKCAB).....	744.83	131.27
22 42 39 00-0081	EA		Wall Mount Service Sink Faucet, Stainless Steel With 10" Swing Spout, Lever Handles (Fisher 46302).....	623.69	82.17
22 42 39 00-0082	EA		Deck Mount Service Sink Faucet, Stainless Steel With 8" Swing Spout, Lever Handles (Fisher 57649).....	423.57	82.17
22 42 39 00-0083			Laboratory Faucets And Fittings (22 42 39)		
22 42 39 00-0084	EA		Cold Faucet, Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Laboratory Faucet (Chicago Faucet 927).....	186.71	34.94
22 42 39 00-0085	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 929).....	305.07	49.35
22 42 39 00-0086	EA		Single Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet With Vacuum Breaker (Chicago Faucet 930).....	394.38	49.35
22 42 39 00-0087	EA		Cold Wall Mount, Gooseneck Spout With Aerator, Laboratory Faucet (Chicago Faucet 933).....	243.60	46.09
22 42 39 00-0088	EA		6" Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940).....	331.26	65.73
22 42 39 00-0089	EA		6" Spout With Aerator And Vacuum Breaker, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 940-VBE7-CP).....	447.71	65.73
22 42 39 00-0090	EA		Dual Deck Mount, Gooseneck Spout With Serrated Nozzle Outlet, Hot And Cold, Laboratory Faucet (Chicago Faucet 946).....	357.93	49.35
22 42 39 00-0091	EA		Gooseneck Spout With Aerator, Wall Mount, Hot And Cold, Laboratory Faucet (Chicago Faucet 942).....	352.42	65.73
22 42 39 00-0092	EA		Single Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 350-CP).....	230.46	37.94
22 42 39 00-0093	EA		Dual Control, Single Hole Deck Mount Sink Faucet (Chicago Faucet 50-CP).....	324.70	53.59
22 42 39 00-0094	EA		4" Center Set, Deck Mount, Lavatory Faucet With Blade Handles (Chicago Faucet 802).....	250.89	53.59
22 42 39 00-0095	EA		4" Center Set, Deck Mount, Gooseneck Sink Faucet With Blade Handles (Chicago Faucet 895-317ABCP).....	305.67	53.59
22 42 39 00-0096	EA		Gas Ball Valve, Removable Nozzle, With Index Button (Chicago Faucet 909-AGVCP).....	80.91	32.96
22 42 39 00-0097	EA		Dual Service Lab Fitting, Two Gas And One Water Outlet (Chicago Faucet 1332-CP).....	495.06	59.22
22 42 39 00-0098	EA		Dual Service Lab Fitting With Wristblade Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-317CP).....	635.76	59.22
22 42 39 00-0099	EA		Dual Service Lab Fitting With Metal Cross Handle, Inline Vacuum Breaker, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7-204CP).....	763.94	59.22
22 42 39 00-0100	EA		Dual Service Lab Fitting With Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7CP).....	675.92	59.22
22 42 39 00-0101	EA		Dual Service Lab Fitting With Chemical Resistant Coating And Plastic Cross Handle, Two Gas And One Water Outlet (Chicago Faucet 1332-E22E7SAM).....	804.27	59.22
22 42 39 00-0102	EA		Single, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-131WSA).....	152.10	32.57
22 42 39 00-0103	EA		90 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132AWSA).....	214.37	39.09
22 42 39 00-0104	EA		180 Degree Double, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-132SWSA).....	214.37	39.09
22 42 39 00-0105	EA		Three Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-133WSA).....	276.65	45.60
22 42 39 00-0106	EA		Four Way, Deck Mounted Laboratory Ball Valve Assembly (Watersaver L4100-134WSA).....	338.91	52.11
22 42 39 00-0107			Laboratory Countertop Faucets (22 42 39)		
			Note: Includes final connection. Excludes rough-in.		
22 42 39 00-0108	EA		6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L391).....	212.76	26.79
22 42 39 00-0109	EA		6" Gooseneck Deck Mount Hot And Cold Valve Faucet (Fisher Hamilton 32L406).....	291.37	26.79
22 42 39 00-0110	EA		Deionized Water 6" Gooseneck Deck Mount Single Valve Faucet (Fisher Hamilton 32L512).....	294.51	26.79
22 42 39 00-0111	EA		Turret Deck Mount Air Or Gas Valve (Fisher Hamilton 30L535).....	96.53	16.08
22 42 39 00-0112			Gooseneck Faucets With Independent Eyewash (22 42 39)		
22 42 39 00-0113	EA		Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA).....	886.59	37.01
22 42 39 00-0114	EA		Single Lever Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-SL).....	962.70	34.54
22 42 39 00-0115	EA		8" Stem, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8).....	1,244.90	37.01
22 42 39 00-0116	EA		Serrated Tip With Vacuum Breaker, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-ST).....	1,315.44	37.01
22 42 39 00-0117	EA		Thermostatic Mixing Valve Kit For The SEF-1800 (Speakman SEF-TW).....	1,603.67	24.68
22 42 39 00-0118	EA		Foot Pedal Activation, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-FP).....	1,923.93	61.69
22 42 39 00-0119	EA		Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-TW).....	2,693.40	61.69
22 42 39 00-0120	EA		8" Stem, Thermostatic Mixing Valve Kit, Two Handle Widespread Valves, Gooseneck Faucet With Independent Eyewash (Speakman SEF-1800-CA-8TW).....	2,783.17	61.69
22 42 39 00-0121	EA		Adjustable Aerated Outlet Heads, Gooseneck Faucet Mounted Eyewash (WaterSaver EW101).....	310.36	37.51
22 42 39 00-0122	EA		Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW200).....	342.80	37.51
22 42 39 00-0123	EA		Gooseneck Faucet Mounted Eyewash With Faucet Control Valve (WaterSaver EW201).....	371.13	37.51
22 42 39 00-0124	EA		6 Gallon Capacity, Tempering Valve (WaterSaver AP3600).....	1,682.23	24.68
22 42 39 00-0125			Bubblers And Glass Fillers (22 42 39)		
22 42 39 00-0126	EA		Self-Closing Bubbler Faucet, Metering Handle (Chicago Faucet 748-665CP).....	327.79	34.94
22 42 39 00-0127	EA		Wall Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 313-CP).....	293.01	46.09
22 42 39 00-0128	EA		7" Overall Outlet Height, Deck Mount Glass Filler, 1/2" Flanged Female Inlet (Chicago Faucet 709-CP).....	323.35	34.94
22 42 39 00-0129	EA		Wall Mount Glass Filler With Metering Valve And Push Button Handle (Chicago 324-665PSHCP).....	425.51	42.84
22 42 39 00-0130	EA		Stainless Steel Deck Mount Bubbler (Just JCB-4SS).....	529.53	42.84
22 42 39 00-0131	EA		Vandal Resistant Stainless Steel Deck Mount Bubbler (Just JSB-10-VR).....	549.67	42.84

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 39 00-0132 EA Wall Mount, Push Button Single Glass Filler (Chicago Faucet 324-CP).....	201.45	50.05
22 42 39 00-0133 EA Deck Mount, Lever Handle Drinking Faucet (Haws 5054LF).....	383.52	37.94
22 42 39 00-0134 EA Push Button Bubblers, 1/2" OD (Haws 5017LF).....	388.62	37.94
22 42 39 00-0135 EA Push Button Bubblers, 3/8" NPT (Haws 5010-6427).....	324.12	37.94
22 42 39 00-0136 Automatic Electronic Sensor Faucets (22 42 39)		
22 42 39 00-0137 EA Electronic Lavatory Faucet (American Standard 6055.205.002).....	600.46	82.31
For Faucet With Temperature Control, Add	40.00	
22 42 39 00-0138 EA Electronic Lavatory Gooseneck Faucet (American Standard 6055.105.002).....	606.03	82.31
For Faucet With Temperature Control, Add	40.00	
22 42 39 00-0139 EA Electronic Gooseneck Faucet (Chicago Faucet 116.103.AB.1).....	811.17	89.38
22 42 39 00-0140 EA Electronic Lavatory Faucet (Chicago Faucet 116.112.AB.1).....	844.79	82.31
22 42 39 00-0141 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880).....	1,252.18	89.38
22 42 39 00-0142 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-30880-BDT).....	1,566.00	89.38
22 42 39 00-0143 EA Electronic Soap Dispenser And Faucet Combination (Sloan Optima ESD-35187).....	1,463.10	89.38
22 42 39 00-0144 EA Solar Powered, Electronic Lavatory Faucet With Integral Mixing Valve (Sloan Solis EAF-275-ISM).....	1,022.68	82.31
22 42 39 00-0145 EA Deck Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1100).....	1,008.73	82.31
22 42 39 00-0146 EA Wall Mount, AC Power, Electronic Lavatory Faucet (T&S Brass EC1101).....	1,066.48	82.31
22 42 39 00-0147 EA Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC1102).....	922.12	82.31
22 42 39 00-0148 EA Deck Mount, DC Power, Electronic Lavatory Faucet (T&S Brass EC2100).....	1,066.48	82.31
22 42 39 00-0149 EA Deck Mount, DC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC2102).....	930.16	82.31
22 42 39 00-0150 EA Deck Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3100).....	930.16	82.31
22 42 39 00-0151 EA Wall Mount, AC Power, Electronic Lavatory Gooseneck Faucet (T&S Brass EC3101).....	1,048.88	82.31
22 42 39 00-0152 EA Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3102).....	887.64	82.31
22 42 39 00-0153 EA 4" Deck Mount, AC Power, Spout Version, Electronic Lavatory Faucet (T&S Brass EC3103).....	851.21	82.31
22 42 39 00-0154 EA Self-Generating EcoPower System, Single Supply Sensor Faucet, Standard Spout (Toto "Eco-Power" TEL3GKCN-60).....	1,223.27	82.31
22 42 39 00-0155 Singles (22 42 39)		
22 42 39 00-0156 EA Stainless Steel Single Deck Faucet With 6" Swivel/Rigid Gooseneck Spout And Lever Handles (Fisher 58130).....	231.96	36.23
22 42 39 00-0157 Other Trim (22 42 39)		
22 42 39 00-0158 EA Faucet Aerator, Male Thread 13/16" Male, 2 GPM (Delta RP330).....	17.62	5.36
22 42 39 00-0159 EA 1-1/2" Pop-up Tailpiece (Chicago Faucet 226-ACP).....	131.47	16.08
22 42 39 00-0160 EA 1-1/4" Grid Strainer Tailpiece (Chicago Faucet 327-XCP).....	47.44	13.40
22 42 39 00-0161 EA 1-1/2" Grid Strainer Tailpiece (Chicago Faucet 327-X1-1/2TPCP).....	104.85	13.40
22 42 39 00-0162 EA 1/2" NPT x 3/8" Compression Chrome Angle Stop (Chicago Faucet 1005-ABCP).....	108.49	10.36
22 42 39 00-0163 EA 3/8" NPT x 3/8" Compression Chrome Angle Stop (Chicago Faucet 1004-ABCP).....	94.82	10.36
22 42 39 00-0164 EA 1/2" NPT x 3/8" Compression Chrome Angle Stop (Chicago Faucet 1015-ABCP).....	102.99	10.36
22 42 39 00-0165 EA 1/2" NPT x 1/2" NPT Chrome Straight Stop (Chicago Faucet 45-ABCP).....	104.06	10.36
22 42 39 00-0166 EA 3/4" NPT x 3/4" NPT Chrome Straight Stop (Chicago Faucet 375-ABCP).....	128.19	10.36
22 42 39 00-0167 EA 1/2" NPT x 1/2" NPT Chrome Straight Stop (Chicago Faucet 699-ABCP).....	170.61	10.36
22 42 39 00-0168 EA Stainless Steel Hand Sink With Foot Pedals, 10" Deep.....	1,834.07	246.74
22 42 39 00-0169 EA Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Lav Guard 102).....	61.73	14.81
22 42 39 00-0170 EA Soft Lavatory Drainline Guard And Shutoff Covers (IPS Truebro Soft-Guard Plus).....	64.60	14.81
22 42 39 00-0171 EA Lavatory Protective Enclosure (IPS Truebro Lav Shield).....	162.39	14.81
22 42 39 00-0172 EA 36" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	199.31	14.81
22 42 39 00-0173 EA 42" Wide, Undersink Protective Enclosure (IPS Truebro Basin Guard).....	226.13	14.81
22 42 39 00-0174 EA 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Angle Stop (SharkBite 23036).....	35.04	10.36
22 42 39 00-0175 EA 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Straight Stop (SharkBite 23037).....	35.04	10.36
22 42 39 00-0176 EA 1/2" NPT x 3/8" Compression Chrome, Quarter Turn Dual Angle Stop (SharkBite 25558).....	48.09	10.36
22 42 39 00-0177 PR Pair of 16" Long, 3/8" OD x 1/2" IPS, Stainless Steel Braided Sink Supply Line.....	33.37	11.38
22 42 39 00-0178 EA 12" Long, 3/8" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	20.74	6.70
22 42 39 00-0179 EA 12" Long, 1/2" OD x 7/8" BC, Stainless Steel Braided Toilet Supply Line.....	21.33	6.70
22 42 39 00-0180 Removal And Reinstallation Of Fixtures And Trim (22 42 39)		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 39 00-0181 EA Removal And Reinstallation Of Faucet.....	85.73	
22 42 43 Flushometers (22 42)		
22 42 43 00-0001 Water Closet Flush Valves (22 42 43)		
22 42 43 00-0002 EA Exposed Manual Water Closet Flush Valve (Sloan Regal-115XL).....	311.27	33.66
22 42 43 00-0003 EA Exposed Manual Water Closet Flush Valve (Sloan Regal-113-1.6).....	301.09	33.66
22 42 43 00-0004 EA Exposed Manual Water Closet Flush Valve (Sloan Regal-110 Or 111).....	352.16	33.66
22 42 43 00-0005 EA Back Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-140).....	486.64	33.66
22 42 43 00-0006 EA Top Spud, Concealed Manual Water Closet Flush Valve (Sloan Royal-142).....	544.03	33.66
22 42 43 00-0007 EA Exposed Infrared Water Closet Flush Valve (Sloan Royal 115-1.6 ES-S).....	1,015.22	33.66
22 42 43 00-0008 EA Concealed Infrared Water Closet Flush Valve, Back Spud (Sloan Royal-140 ES-S).....	1,010.63	33.66
22 42 43 00-0009 EA Concealed Infrared Water Closet Flush Valve, Top Spud (Sloan Royal-153-1.6-ES-S).....	1,068.52	33.66
22 42 43 00-0010 EA Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8113).....	990.80	33.66
22 42 43 00-0011 EA Dual Flush Water Closet Flush Valve (Sloan Uppercut WES-115).....	428.29	33.66
Note: "Green". 1.6 Gallons or 1.1 Gallons per flush. Includes instructional placards on proper operation.		
22 42 43 00-0012 EA Exposed Battery Powered Water Closet Flush Valve (Sloan G2 Optima Plus 8110).....	691.81	33.66
22 42 43 00-0013 EA Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima EBV-89A).....	427.00	33.66
22 42 43 00-0014 EA Side Mount Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40118X).....	424.89	33.66

22 Plumbing**22 40 Plumbing Fixtures****22 42 Commercial Plumbing Fixtures**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 42 43 00-0015 EA Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan Optima Smooth EBV-200A)	434.74	29.61
22 42 43 00-0016 EA Slide Over Handle Battery Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Technical Concepts 40180X)	473.75	29.61
22 42 43 00-0017 EA 1.28 GPF, Exposed Infrared Water Closet Flush Valve (Toto EcoPower TET1LN)	1,030.17	33.66
22 42 43 00-0018 EA Exposed Infrared Water Closet Flush Valve (1-1/2" V.B.) 1.28 GPF (Toto EcoPower TET1LN32)	1,131.05	33.66
22 42 43 00-0019 EA 1.28 GPF, Back Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN31 Or TET3LN31)	1,439.41	33.66
22 42 43 00-0020 EA 1.28 GPF, Top Spud, Concealed Infrared Water Closet Flush Valve (Toto EcoPower TET2LN32 Or TET3LN32)	1,439.41	33.66
22 42 43 00-0021 EA Exposed Manual Water Closet Flush Valve (Zurn Z6000AV)	238.83	33.66
22 42 43 00-0022 EA Exposed Infrared Water Closet Flush Valve (Zurn ZEMS6000AV-HET-IS)	929.52	33.66
22 42 43 00-0023 EA Exposed Infrared Water Closet Flush Valve (Zurn ZTS6200EV)	921.58	33.66
22 42 43 00-0024 EA Slide Over Handle AC Powered Water Closet/Urinal Automatic Flush Retrofit Converters (Sloan EL-600-A)	456.63	29.61
22 42 43 00-0025 EA 6 Volt DC, 120 Volt AC Hardwired Power Transformer (Sloan EL-451)	140.50	5.44
22 42 43 00-0026 EA Exposed Solar/Battery Powered Water Closet Flush Valve (Sloan Solis 8111-1.28)	544.77	33.66
22 42 43 00-0027 EA Exposed Manual Water Closet Flush Valve (Zurn Z6000AV-HET)	336.09	33.66
22 42 43 00-0028 EA Exposed Battery Powered Water Closet Flush Valve (Zurn ZER6000AV-HET)	941.35	33.66
22 42 43 00-0029 Urinal Flush Valves <small>(22 42 43)</small>		
22 42 43 00-0030 EA 3/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 186 XL)	235.90	33.66
Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0031 EA 1-1/4" Top Spud, Exposed Manual Urinal Flush Valve (Sloan Regal 180)	254.30	33.66
Note: 1.0, 1.5 or 3.5 GPF.		
22 42 43 00-0032 EA Back Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 195)	342.18	33.66
Note: 1.0 or 1.5 GPF.		
22 42 43 00-0033 EA Top Spud, Concealed Manual Urinal Flush Valve (Sloan Royal 197)	414.58	33.66
Note: 1.0 or 1.5 GPF.		
22 42 43 00-0034 EA Exposed Infrared Urinal Flush Valve (Sloan Royal 186-ES-S)	653.23	33.66
Note: 1.0 or 1.5 GPF.		
22 42 43 00-0035 EA Back Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 195-WB-ES-S)	878.51	33.66
Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0036 EA Top Spud, Concealed Infrared Urinal Flush Valve (Sloan Royal 197-WB-ES-S)	985.81	33.66
Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0037 EA Top Spud, Exposed Battery Powered Urinal Flush Valve (Sloan G2 Opt+8186-1)	642.46	33.66
Note: 1.0 GPF.		
22 42 43 00-0038 EA Exposed Infrared Urinal Flush Valve (3/4" V.B.) (Toto EcoPower TEU1LN12)	1,124.55	33.66
Note: 0.5 GPF.		
22 42 43 00-0039 EA 3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV)	282.48	33.66
Note: 0.5, 1.0 or 1.5 GPF.		
22 42 43 00-0040 EA Top Spud, Exposed Solar/Battery Powered Urinal Flush Valve (Sloan Solis 8186-0.13)	495.42	33.66
Note: 0.13 GPF.		
22 42 43 00-0041 EA 3/4" Top Spud, Exposed Manual Urinal Flush Valve (Zurn Z6003AV-ULF)	270.43	33.66
Note: 0.125 GPF.		
22 42 43 00-0042 EA Top Spud, Exposed Battery Powered Urinal Flush Valve (Zurn ZTR6203-ULF)	693.03	33.66
Note: 0.125 GPF.		
22 42 43 00-0043 EA Exposed Infrared Urinal Flush Valve (Zurn ZEMS6003AV-ULF-IS)	698.16	33.66
Note: 0.125 GPF.		
22 42 43 00-0044 Removal And Reinstallation Of Fixtures And Trim <small>(22 42 43)</small>		
Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 42 43 00-0045 EA Removal And Reinstallation Of Flush Valve	133.96	
22 42 43 00-0046 Plumbing Control Transformers <small>(22 42 43)</small>		
22 42 43 00-0047 EA 6 Volt DC, 120 Volt AC Plug In Style Power Transformer (Zurn P6000-PC6)	64.13	
22 42 46 Chemical Toilets <small>(22 42)</small>		
Note: Includes toilet, urinal, holding tank, and ventilation system. Building to be priced separately.		
22 42 46 00-0001 Standard Chemical Toilets <small>(22 42 46)</small>		
22 42 46 00-0002 Small Tank Chemical Toilets <small>(22 42 46 00-0001)</small>		
22 42 46 00-0003 EA Chemical Toilet, Small Tank 7,000 Uses/Year	4,118.81	986.97
For Extra Urinal, Add	135.53	
22 42 46 00-0004 Medium Tank Chemical Toilets <small>(22 42 46 00-0001)</small>		
22 42 46 00-0005 EA Chemical Toilet, Medium Tank 13,000 Uses/Year	4,893.59	1,175.49
For Extra Urinal, Add	160.37	
22 42 46 00-0006 Large Tank Chemical Toilets <small>(22 42 46 00-0001)</small>		
22 42 46 00-0007 EA Chemical Toilet, Large Tank 28,000 Uses/Year	5,944.50	1,333.40
For Extra Urinal, Add	221.40	
22 43 Healthcare Plumbing Fixtures <small>(22 40)</small>		
22 43 13 Healthcare Water Closets <small>(22 43)</small>		
22 43 13 00-0001 Healthcare Water Closets <small>(22 43 13)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 13 00-0002 EA Flush Valve Type, Siphon Jet, Floor Mounted, Wall Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Priolo® ADA)	837.63	102.64
22 43 13 00-0003 EA Flush Valve Type, Siphon Jet, Floor Mounted, Floor Outlet, Handicap Accessible, Elongated Vitreous China Healthcare Water Closet With Bedpan Holding Rim (American Standard Madera™ ADA).....	658.63	102.64
22 43 16 Healthcare Sinks (22 43)		
22 43 16 00-0001 Healthcare Sinks (22 43 16)		
Note: Includes trap, drain and supply valves. Excludes faucets and flush valves.		
22 43 16 00-0002 EA 25" x 21", Wall Mounted, Blow Out Flushing Rim, Vitreous China Clinic Service Sink (American Standard)	1,202.85	66.12
<i>For Stainless Steel Rim Guards (Three Sides), Add</i>		<i>108.61</i>
22 43 16 00-0003 EA 29" x 20", Floor Mounted, Siphon Jet Flushing Rim, Vitreous China Clinic Service Sink (American Standard).....	1,289.55	189.99
<i>For Stainless Steel Rim Guards (Three Sides), Add</i>		<i>108.61</i>
<i>For Pedestal Base, Add</i>		<i>497.95</i>
22 43 16 00-0004 EA 28" x 22", Wall Mounted, Vitreous China Surgeon's Scrub Sink (American Standard).....	1,155.03	66.12
<i>For Painted Bracket Supports, Add</i>		<i>173.86</i>
22 43 16 00-0005 EA 20" x 17", Wall Mounted, Vitreous China Intensive Care Unit Sink (American Standard).....	1,011.59	66.12
22 43 39 Healthcare Faucets (22 43)		
22 43 39 00-0001 Medical Faucet Spouts (22 43 39)		
22 43 39 00-0002 EA Deck Mounted, Rigid Gooseneck Medical Lavatory Spout (American Standard 7522).....	98.86	14.81
22 43 39 00-0003 Electronic Proximity Medical Faucets (22 43 39)		
22 43 39 00-0004 EA DC Or Plug-In AC Powered, Single Inlet, Electronic Proximity Medical Lavatory Faucet (American Standard Selectronic™ ICU).....	567.87	72.44
<i>For Hard Wired AC Powered, Add</i>		<i>24.73</i>
22 43 39 00-0005 Foot And Knee Faucet Controls (22 43 39)		
22 43 39 00-0006 EA Single Supply Metering Pedal Valve (Chicago Faucet 628)	379.90	131.66
22 43 39 00-0007 EA Double Supply Metering Pedal Valve (Chicago Faucet 625)	443.95	131.66
22 43 39 00-0008 EA Knee Actuated Metering Mixing Valve (Chicago Faucet 745-VOCP)	937.60	131.66
22 43 39 00-0009 EA Double Knee Actuated Metering Mixing Valve (American Standard 7676).....	655.98	131.66
22 43 39 00-0010 Centerset Medical Faucets (22 43 39)		
22 43 39 00-0011 EA Rigid Gooseneck Centerset Medical Lavatory Faucet, 8" Centers 6" Wrist Action Handles, Adjustable Centers (T&S B-0865-04)	511.76	72.44
22 43 39 00-0012 EA Swivel Gooseneck Centerset Medical Lavatory Faucet, 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0866-04)	517.56	72.44
22 43 39 00-0013 EA Swivel Gooseneck Centerset Medical Lavatory Faucet With Aerator 8" Centers, 6" Wrist Action Handles, Adjustable Centers (T&S B-0867-04)	516.97	72.44
22 43 39 00-0014 EA Surgical Sink Rigid Gooseneck Faucets, 8" Centers, 6" Wrist Action Handles (T&S B-0322-04).....	461.87	72.44
22 43 39 00-0015 EA Surgical Sink Rigid Gooseneck Faucets With Stream Regulator Outlet, 8" Centers, 6" Wrist Action Handles (T&S B-0323-04).....	442.14	72.44
22 43 39 00-0016 Bedpan Washers (22 43 39)		
22 43 39 00-0017 EA Self Closing Pedal Valve Bed Pan Washer, With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose (T&S B-0675).....	1,213.47	131.66
22 43 39 00-0018 EA Pedal Valve Bed Panwasher With Volume Control Valve, Vacuum Breaker, Wall Hook Hose Connection, Extended Spray Polyvinyl Chloride Hose (T&S B-0676)	1,152.73	131.66
22 43 39 00-0019 EA Self Closing Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection Polyvinyl Chloride Hose (T&S B-0685).....	1,134.74	131.66
22 43 39 00-0020 EA Single Pedal Valve Bedpan Washer With Volume Control, Vacuum Breaker, Wall Hook Hose Connection, Polyvinyl Chloride Hose, Extended Spray (T&S B-0686)	1,117.25	131.66
22 43 43 Healthcare Plumbing Fixture Flushometers (22 43)		
22 43 43 00-0001 Healthcare Plumbing Fixture Flushometers (22 43 43)		
22 43 43 00-0002 EA Exposed Manual Service Sink Flush Valve (Sloan Royal-117).....	224.97	33.66
22 43 43 00-0003 EA Exposed Manual Water Closet Flush Valve With Bedpan Washer (Sloan Slimline BPW).....	503.99	33.66
22 43 46 Healthcare Patient Care Units (22 43)		
22 43 46 00-0001 Patient Care Units (22 43 46)		
22 43 46 00-0002 EA 47" Swivel Toilet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-1700-AQCT-WB-BWSEV)	19,292.03	197.39
<i>For SDB Single Temperature Dialysis Box, Add</i>		<i>1,417.51</i>
<i>For DDB Dual Temperature Dialysis Box, Add</i>		<i>1,505.55</i>
<i>For BWSEV Bedpan Washer With Elevated Valve, Add</i>		<i>1,080.96</i>
<i>For LOCK Flush Valve Lockout Device, Add</i>		<i>799.00</i>
22 43 46 00-0003 EA 31" Swing Front Cabinet Modular Sink And Water Closet Patient Care Unit (Willoughby WH-2600-SST-DC-AQCT-WB)	15,191.73	172.73
<i>For SDB Single Temperature Dialysis Box, Add</i>		<i>1,417.51</i>
<i>For DDB Dual Temperature Dialysis Box, Add</i>		<i>1,505.55</i>
<i>For BWSEV Bedpan Washer With Elevated Valve, Add</i>		<i>1,080.96</i>
<i>For LOCK Flush Valve Lockout Device, Add</i>		<i>799.00</i>

22	Plumbing
22 40	Plumbing Fixtures
22 43	Healthcare Plumbing Fixtures

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 43 46 00-0004			Patient Care Plumbing Accessories (22 43 46)		
22 43 46 00-0005	EA		One Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7920).....	1,841.81	26.79
22 43 46 00-0006	EA		Two Valve Supply Recessed Stainless Steel Dialysis Box With Locking Door (Bradley 7919).....	2,029.78	26.79
22 45			Emergency Plumbing Fixtures (22 40)		
22 45 13			Emergency Showers (22 45)		
22 45 13 00-0001			Emergency Drench Showers (22 45 13)		
22 45 13 00-0002			Emergency Drench Showers (Haws) (22 45 13 00-0001)		
			Note: Includes one pull rod.		
22 45 13 00-0003	EA		Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122).....	672.90	172.73
22 45 13 00-0004	EA		Horizontal Or Vertical Mounted, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8123).....	774.52	172.73
22 45 13 00-0005	EA		Horizontal Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8122HWC).....	830.98	172.73
22 45 13 00-0006	EA		Horizontal Or Vertical Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8130).....	1,000.36	172.73
22 45 13 00-0007	EA		Horizontal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8133H).....	1,350.40	172.73
22 45 13 00-0008	EA		Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead (Haws 8100).....	1,061.00	197.39
22 45 13 00-0009	EA		Wall Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Stainless Steel Push Flag (Haws 8111FP).....	1,161.16	222.07
22 45 13 00-0010	EA		Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8169).....	1,053.89	222.07
22 45 13 00-0011	EA		Concealed Ceiling Supply, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead (Haws 8163).....	1,076.48	222.07
22 45 13 00-0012	EA		Flush To Ceiling, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Pull Down Lever Ball Valve Mounted In A Recessed Stainless Steel Cabinet (Haws 8164).....	1,499.91	222.07
22 45 13 00-0013			Emergency Drench Showers (Speakman) (22 45 13 00-0001)		
			Note: Includes one pull rod.		
22 45 13 00-0014	EA		Vertical Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-220).....	592.70	172.73
22 45 13 00-0015	EA		Horizontal Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-227).....	611.16	172.73
22 45 13 00-0016	EA		Floor Mounted, Lifesaver® Emergency Drench Shower With Plastic Showerhead (Speakman SE-253).....	970.35	197.39
22 45 13 00-0017			Emergency Drench Showers (WaterSaver) (22 45 13 00-0001)		
			Note: Includes one pull rod.		
22 45 13 00-0018	EA		Emergency Shower, Vertically Mounted (WaterSaver ES635).....	818.41	172.73
22 45 13 00-0019	EA		Emergency Shower, Horizontally Mounted (WaterSaver ES643).....	839.10	172.73
22 45 13 00-0020	EA		All-Stainless Steel, Emergency Shower, Horizontally Mounted (WaterSaver ES691).....	1,852.00	172.73
22 45 13 00-0021	EA		Emergency Shower, Recess Mounted (WaterSaver ES629).....	1,313.79	222.07
22 45 13 00-0022	EA		Emergency Shower, Semi-Concealed (WaterSaver ES658).....	1,781.77	222.07
22 45 16			Eyewash Equipment (22 45)		
22 45 16 00-0001			Emergency Eyewash Equipment (22 45 16)		
22 45 16 00-0002			Emergency Eyewash Equipment (Haws) (22 45 16 00-0001)		
22 45 16 00-0003	EA		Faucet Mounted, Stainless Steel Emergency Eyewash (Haws Axion® eyePOD® 7620).....	303.45	4.94
22 45 16 00-0004	EA		Wall Mounted, Freeze Protected, Emergency Eye Wash With Soft-Flo Heads And Stainless Steel Bowl (Haws 7433FP).....	1,409.58	222.07
22 45 16 00-0005			Emergency Eyewash Equipment (WaterSaver) (22 45 16 00-0001)		
22 45 16 00-0006	EA		Auto Flow, Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805).....	843.99	49.35
22 45 16 00-0007	EA		Auto Flow, Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW805LH).....	843.99	49.35
22 45 16 00-0008	EA		Right Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806).....	859.66	49.35
22 45 16 00-0009	EA		Left Hand Mounting, Emergency Eye Wash, Deck Mounted (WaterSaver EW806LH).....	859.66	49.35
22 45 16 00-0010	EA		Stainless Steel Bowl, Emergency Eye Wash, Deck Mounted (WaterSaver EW822).....	1,147.36	49.35
22 45 16 00-0011	EA		Swing-Down, Auto Flow, Emergency Eye Wash, Wall Mounted (WaterSaver EW848).....	1,309.44	49.35
22 45 16 00-0012	EA		Swing-Down, Auto Flow, Emergency Eye Wash, Deck Mounted (WaterSaver EW849).....	1,309.44	49.35
22 45 16 00-0013	EA		Right Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893).....	2,439.84	49.35
22 45 16 00-0014	EA		Left Hand Mounting, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW893LH).....	2,439.84	49.35
22 45 16 00-0015	EA		Right Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895).....	2,553.88	49.35
22 45 16 00-0016	EA		Left Hand Mounting, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW895LH).....	2,553.88	49.35
22 45 16 00-0017	EA		Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Wall Mounted (WaterSaver EW898).....	3,154.01	49.35
22 45 16 00-0018	EA		Swing-Down, Auto Flow, All-Stainless Steel, Emergency Eye Wash, Deck Mounted (WaterSaver EW899).....	3,154.01	49.35
22 45 16 00-0019	EA		Ball Valve With Flag Handle, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW808).....	1,527.99	172.73
22 45 16 00-0020	EA		Push-Down Valve, Emergency Eye Wash, Recess Deck Mounted (WaterSaver EW810).....	1,505.87	172.73
22 45 16 00-0021	EA		Stainless Steel Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814).....	1,069.88	172.73
22 45 16 00-0022	EA		Stainless Steel Bowl And Cover, Emergency Eye Wash, Wall Mounted (WaterSaver EW814BC).....	1,529.66	172.73
22 45 16 00-0023	EA		Plastic Bowl, Emergency Eye Wash, Wall Mounted (WaterSaver EW814P).....	905.72	172.73
22 45 23			Personal Eyewash Equipment (22 45)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 23 00-0001			Portable Eyewash Equipment (22 45 23)		
22 45 23 00-0002			Portable Eyewash Equipment (Bradley) (22 45 23 00-0001)		
22 45 23 00-0003	EA		Wall Mounted, Portable Gravity Fed Eyewash Unit With Clear Tank (Bradley S19-921).....	302.01	14.81
22 45 23 00-0004	EA		Wall Mounted, Portable Gravity Fed Eyewash Unit With Insulated Heater Jacket (Bradley S19-921H).....	1,593.21	14.81
22 45 23 00-0005	EA		5 Gallon Portable Pressurized Tank With Eyewash Only (Bradley S19-671).....	727.80	
22 45 23 00-0006	EA		5 Gallon Portable Pressurized Tank With Eyewash And 8' Drench Hose For Facewash (Bradley S19-672).....	868.20	
22 45 26			Eye/Face Wash Equipment (22 45)		
22 45 26 00-0001			Emergency Eye/Face Wash Equipment (22 45 26)		
22 45 26 00-0002			Emergency Eye/Face Wash Equipment (Haws) (22 45 26 00-0001)		
22 45 26 00-0003	EA		Unmounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7460).....	737.93	123.38
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0004	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly Without Receptor (Haws 7324).....	735.00	172.73
22 45 26 00-0005	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260B-7270B).....	718.07	172.73
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0006	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7260BT-7270BT).....	784.69	172.73
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0007	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360B-7460B).....	791.46	172.73
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0008	EA		Wall Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BT-7460BT).....	871.63	172.73
			Note: Excludes p-trap and tailpiece.		
22 45 26 00-0009	EA		Wall Mounted, Barrier-Free, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7360BTWC).....	1,192.32	172.73
22 45 26 00-0010	EA		Wall Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl And Dust Cover (Haws 7778B).....	2,265.03	172.73
22 45 26 00-0011	EA		Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 7261-7271).....	902.92	197.39
22 45 26 00-0012	EA		Pedestal Mounted, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7361-7461).....	1,032.77	197.39
22 45 26 00-0013	EA		Pedestal Mounted, All Stainless Steel, Corrosion Resistant, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 7777).....	2,342.61	197.39
22 45 26 00-0014	EA		Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7611).....	623.76	49.35
22 45 26 00-0015	EA		Right Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612).....	601.18	49.35
22 45 26 00-0016	EA		Left Side Sink Mounted, Swing-Away, Emergency Eye/Face Wash With Stainless Steel Axion® MSR Wash Head Assembly (Haws 7612LH).....	629.41	49.35
22 45 26 00-0017	EA		Wall Or Deck Mounted, Barrier-Free, Swing-Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 7610).....	793.14	49.35
22 45 26 00-0018	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCC).....	1,916.24	246.74
22 45 26 00-0019	EA		Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet (Haws 7655WCSM).....	2,331.32	197.39
22 45 26 00-0020	EA		Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCC).....	2,390.50	246.74
22 45 26 00-0021	EA		Surface Wall Mounted, Wheelchair Accessible, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Cabinet And Drain Pan (Haws 7656WCSM).....	2,816.86	197.39
22 45 26 00-0022			Emergency Eye/Face Wash Equipment (Speakman) (22 45 26 00-0001)		
22 45 26 00-0023	EA		Wall Mounted, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-495).....	669.64	172.73
22 45 26 00-0024	EA		Floor Mounted, DuraJade™ Finish, Lifesaver® Emergency Eye/Face Wash And Plastic Bowl (Speakman SE-496).....	822.61	197.39
22 45 26 00-0025			Emergency Eye/Face Wash Equipment (WaterSaver) (22 45 26 00-0001)		
22 45 26 00-0026	EA		Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl, Wall Mounted (WaterSaver FE724).....	1,358.41	172.73
22 45 26 00-0027	EA		Wide Area, Emergency Eye/Face Wash With Stainless Steel Bowl And Cover, Wall Mounted (WaterSaver FE724BC).....	1,818.20	172.73
22 45 26 00-0028	EA		Wide Area, Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE727).....	1,759.75	172.73
22 45 26 00-0029	EA		Push-Down Valve, Emergency Eye/Face Wash, Recess Deck Mounted (WaterSaver FE765).....	1,620.27	172.73
22 45 26 00-0030	EA		Auto Flow, Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774).....	889.62	49.35
22 45 26 00-0031	EA		Auto Flow, Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE774LH).....	889.62	49.35
22 45 26 00-0032	EA		Right Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775).....	862.41	49.35
22 45 26 00-0033	EA		Left Hand Mounting, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE775LH).....	862.41	49.35
22 45 26 00-0034	EA		Swing-Down, Auto Flow, Emergency Eye/Face Wash, Wall Mounted (WaterSaver FE778).....	1,329.89	49.35
22 45 26 00-0035	EA		Swing-Down, Auto Flow, Emergency Eye/Face Wash, Deck Mounted (WaterSaver FE779).....	1,329.89	49.35
22 45 26 00-0036			Emergency Eye/Face Wash Equipment (Guardian) (22 45 26 00-0001)		
			Note: Includes one pull rod.		
22 45 26 00-0037	EA		All-Stainless Steel Handicapped Accessible Safety Station With WideArea™ Eye/Face Wash (Guardian GBF1994).....	5,417.56	172.73

22 Plumbing**22 40 Plumbing Fixtures****22 45 Emergency Plumbing Fixtures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
22 45 29 Hand-Held Emergency Drench Hoses (22 45)

22 45 29 00-0001		Hand-Held Emergency Eye/Face/Body Wash With Hose (22 45 29)		
22 45 29 00-0002		Hand-Held Emergency Eye/Face/Body Wash With Hose (Haws) (22 45 29 00-0001)		
22 45 29 00-0003	EA	Counter Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 8' Hose (Haws 8904).....	665.38	61.69
22 45 29 00-0004	EA	Wall Mounted, Hand-Held Emergency Eye/Face/Body Wash With Axion® MSR Wash Head Assembly And 12' Recoil Hose (Haws 8905).....	767.01	61.69
22 45 29 00-0005		Hand-Held Emergency Eye/Face/Body Wash With Hose (WaterSaver) (22 45 29 00-0001)		
22 45 29 00-0006	EA	Emergency Drench Hose Unit, Deck Mounted (WaterSaver EW1020).....	671.72	61.69
22 45 29 00-0007	EA	Emergency Drench Hose Unit, Wall Mounted (WaterSaver EW1025).....	617.11	61.69
22 45 29 00-0008	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1014).....	938.40	61.69
22 45 29 00-0009	EA	Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1022).....	877.63	61.69
22 45 29 00-0010	EA	Emergency Eye Wash Drench Hose Unit, Wall Mounted (WaterSaver EW1026).....	899.39	61.69
22 45 29 00-0011	EA	Ball Valve With Flag Handle, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028).....	1,185.90	61.69
22 45 29 00-0012	EA	Ball Valve With Flag Handle And Vacuum Breaker, Emergency Eye Wash Drench Hose Unit, Deck Mounted (WaterSaver EW1028VB).....	1,376.45	61.69
22 45 29 00-0013	EA	Emergency Eye Wash Drench Hose Unit, 45 Degree Panel Mounted (WaterSaver EW1041).....	1,311.83	61.69

22 45 33 Combination Emergency Fixture Units (22 45)

22 45 33 00-0001		Emergency Shower With Eye/Face Wash (22 45 33)		
22 45 33 00-0002		Emergency Shower With Eye/Face Wash (Haws) (22 45 33 00-0001)		
22 45 33 00-0003	EA	Floor Mounted, All Stainless Steel, Corrosion Resistant, Emergency Drench Shower With Axion® MSR Stainless Steel Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8330).....	3,944.35	320.77
22 45 33 00-0004	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300FP)..... Note: Includes freeze protection bury valve.	2,657.10	320.77
22 45 33 00-0005	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300-8309).....	1,838.45	320.77
22 45 33 00-0006	EA	Floor Mounted, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eyewash With Soft-Flo Heads And Stainless Steel Bowl (Haws 8300.158).....	2,950.68	320.77
22 45 33 00-0007	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8300CRP-8309CRP).....	2,154.62	320.77
22 45 33 00-0008	EA	Floor Mounted, Barrier-Free, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Stainless Steel Bowl (Haws 8309WC).....	2,024.76	320.77
22 45 33 00-0009	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317).....	1,725.53	320.77
22 45 33 00-0010	EA	Floor Mounted, Corrosion Resistant, PVC Plastic, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8336).....	2,849.06	320.77
22 45 33 00-0011	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCC).....	3,125.70	320.77
22 45 33 00-0012	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8355WCW).....	3,187.81	320.77
22 45 33 00-0013	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Ceiling Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCC).....	3,566.08	320.77
22 45 33 00-0014	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan, Daylight Drain And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCDD).....	3,786.27	320.77
22 45 33 00-0015	EA	Recessed Wall Mounted, Barrier-Free, Pull Down, Emergency Eye/Face Wash With Axion® MSR Wash Head Assembly With Stainless Steel Cabinet And Drain Pan And Wall Mounted Axion® MSR Stainless Steel Showerhead (Haws 8356WCW).....	3,724.16	320.77
22 45 33 00-0016	EA	Floor Mounted, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP).....	5,587.29	320.77
22 45 33 00-0017	EA	Floor Mounted, 220 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFP.220V).....	5,892.17	320.77
22 45 33 00-0018	EA	Floor Mounted, C1D1 Rated, 120 Volt AC Cable Heated, Freeze Protected, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly (Haws 8317CTFPC1D1).....	12,497.81	320.77
22 45 33 00-0019	EA	Floor Mounted, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320-8325).....	1,725.53	320.77
22 45 33 00-0020	EA	Floor Mounted, Corrosion Resistant, Emergency Drench Shower With Axion® MSR ABS Plastic Showerhead And Eye/Face Wash With Axion® MSR Wash Head Assembly And Plastic Bowl (Haws 8320CRP).....	1,957.01	320.77
22 45 33 00-0021		Emergency Shower With Eye/Face Wash (Speakman) (22 45 33 00-0001)		
22 45 33 00-0022	EA	Floor Mounted, Emergency Drench Shower With Plastic Showerhead And Eye/Face Wash With Plastic Bowl (Speakman SE-690).....	1,639.67	320.77
22 45 33 00-0023		Emergency Shower With Eye/Face Wash (WaterSaver) (22 45 33 00-0001)		
22 45 33 00-0024	EA	All-Stainless Steel, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS994).....	6,229.97	267.93
22 45 33 00-0025	EA	Polished Chrome Construction, Wide Area, Emergency Shower With Eye/Face Wash Station, Floor Mounted (WaterSaver SS909PCC).....	6,368.54	267.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 45 33 00-0026 EA Emergency Shower With Eye Wash Station And Stainless Steel Bowl, Floor Mounted (WaterSaver SS902)	2,463.32	267.93
22 45 33 00-0027 EA Emergency Shower With Eye Wash Station And Plastic Bowl, Floor Mounted (WaterSaver SS902P)	2,247.73	267.93
22 45 33 00-0028 EA Emergency Shower With Eye Wash Station And Stainless Steel Bowl And Cover, Floor Mounted (WaterSaver SS902BC)	2,923.11	267.93
22 45 36 Emergency Fixture Water-Tempering Equipment (22 45)		
22 45 36 00-0001 Emergency Fixture Water-Tempering Equipment (22 45 36)		
22 45 36 00-0002 Emergency Fixture Water-Tempering Equipment (Haws) (22 45 36 00-0001)		
22 45 36 00-0003 EA 10 GPM, 1/2" Inlet, 1/2" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EW)	704.90	61.69
22 45 36 00-0004 EA 12 GPM, 1/2" Inlet, 3/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201EFE)	1,038.01	61.69
22 45 36 00-0005 EA 31 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9201E)	1,529.20	61.69
22 45 36 00-0006 EA 78 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Brass Thermostatic Mixing/Tempering Valve (Haws 9202E)	1,805.84	61.69
22 45 36 00-0007 EA 31 GPM, 1" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws 9201H)	2,562.39	61.69
22 45 36 00-0008 EA 12 GPM, 1/2" Inlet, 3/4" Outlet, Secondary High Temperature Limit Valve, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.EWE)	2,703.53	61.69
22 45 36 00-0009 EA 74 GPM, 1-1/4" Inlet, 1-1/4" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.SHE)	4,549.73	61.69
22 45 36 00-0010 EA 78 GPM, 2" Inlet, 2" Outlet, Secondary High Temperature Limit Valve, Lead Free, Brass Thermostatic Mixing/Tempering Valve (Haws TWBS.HF)	5,470.00	61.69
22 45 36 00-0011 EA 1/2" Inlet, 1/2" Outlet, Brass Scald Protection Bleed Valve (Haws SP157B)	789.59	61.69
22 45 39 Emergency Plumbing Fixture Accessories (22 45)		
22 45 39 00-0001 Emergency Plumbing Fixture Accessories (22 45 39)		
22 45 39 00-0002 Emergency Plumbing Fixture Accessories (Haws) (22 45 39 00-0001)		
22 45 39 00-0003 EA Pedestal Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220)	180.63	19.74
22 45 39 00-0004 EA Wall Mounted, Powder Coated Aluminum Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220W)	254.02	19.74
22 45 39 00-0005 EA Pedestal Mounted, Stainless Steel Foot Control Assembly For Hands Free Activation Of Emergency Plumbing Fixtures (Haws SP220SS)	265.31	19.74
22 45 39 00-0006 EA Axion® MSR Stainless Steel Showerhead For Emergency Drench Showers (Haws SP829SS)	297.10	7.40
22 45 39 00-0007 EA Stainless Steel Dust Cover For Emergency Eye/Face Wash Bowls (Haws 9102)	303.45	4.94
22 45 39 00-0008 EA 3-Sided ABS Plastic Safety Sign For Emergency Combination Shower And Eyewash Units (Haws 9020)	330.26	9.87
22 45 39 00-0009 EA Emergency Body Spray Kit With 8' Hose And ABS Plastic Head For Emergency Plumbing Fixtures (Haws 8901RFK)	571.49	74.03
22 45 39 00-0010 EA Class 1, Div. 1, Group B, C And D, Indicator Light For Emergency Plumbing Fixtures (Haws 8317DLTEXP)	596.01	32.65
22 45 39 00-0011 EA Vapor Tight And Gasketed, Green Area Light For Emergency Plumbing Fixtures (Haws 8317LT)	889.59	32.65
22 45 39 00-0012 EA Privacy Curtain For Horizontal Emergency Drench Shower Or Combination Emergency Drench Shower And Eyewash Units (Haws 9037)	1,038.01	74.03
22 45 39 00-0013 EA Class 1, Div. 1, Group B, C And D, White Area Light For Emergency Plumbing Fixtures (Haws 8317LTEXP)	1,990.53	32.65
22 45 39 00-0014 EA 1/2" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001.5)	2,193.70	108.83
22 45 39 00-0015 EA 1-1/4" Supply, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001)	2,238.86	108.83
22 45 39 00-0016 EA 1-1/4" Supply, Class 1, Division 2, Groups B, C, And D Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXP)	4,169.75	108.83
22 45 39 00-0017 EA 1-1/4" Supply, 90 db, Class 1, Division 1, Groups C And D, Emergency Alarm And Light System For Emergency Plumbing Fixtures (Haws 9001EXPC1D1)	7,952.46	108.83
22 45 39 00-0018 Emergency Plumbing Fixture Accessories (Speakman) (22 45 39 00-0001)		
22 45 39 00-0019 EA Privacy Curtain For Emergency Showers	1,085.73	74.03
Note: Curtain includes stainless steel curtain rod and mounting accessories.		
22 45 39 00-0020 Emergency Plumbing Fixture Accessories (WaterSaver) (22 45 39 00-0001)		
22 45 39 00-0021 EA Hand And Foot Control For Emergency Eyewash Equipment (WaterSaver HFC)	178.05	16.08
22 47 Drinking Fountains and Water Coolers (22 47)		
22 47 13 Drinking Fountains (22 47)		
22 47 13 00-0001 Indoor Drinking Fountains (22 47 13)		
22 47 13 00-0002 Face Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0003 EA Stainless Steel, Standard Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-S)	1,730.88	160.39
22 47 13 00-0004 EA Stainless Steel, Standard Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-SBP)	2,520.77	172.73
22 47 13 00-0005 EA Stainless Steel, Extended Length, Semi-Circular Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-E)	2,280.94	160.39
22 47 13 00-0006 EA Stainless Steel, Extended Length, Semi-Circular With Back Panel Indoor Drinking Fountain With Bubbler, 180 Degree Push Bar (Halsey-Taylor OVL-II-EBP)	2,718.87	172.73
22 47 13 00-0007 EA Stainless Steel, Standard Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFs)	1,160.05	160.39
22 47 13 00-0008 EA Stainless Steel, Standard Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners With Back Panel (Halsey-Taylor HRFsBP)	1,387.13	172.73
22 47 13 00-0009 EA Stainless Steel, Extended Length, Rectangle Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFE)	1,312.23	160.39

22 Plumbing**22 40 Plumbing Fixtures****22 47 Drinking Fountains and Water Coolers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0010	EA		Stainless Steel, Extended Length, Rectangle With Back Panel Indoor/Outdoor Drinking Fountain With Bubbler, Rounded Corners (Halsey-Taylor HRFEBP)	1,592.82	172.73
22 47 13 00-0011			Wall Mounted Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0012	EA		Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor 5701)	1,194.27	172.73
22 47 13 00-0013	EA		Stainless Steel Wall-Mounted Rectangle Indoor Drinking Fountain/Bottle Filling Station With Bubbler, Backsplash, Front And Side Push Bars (Halsey-Taylor HTHB-HAC8WF)	1,831.68	172.73
22 47 13 00-0014	EA		Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Halsey-Taylor HTHB-HAC8BLWF)	2,321.76	222.07
22 47 13 00-0015	EA		Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay VRCGRNTL8WSK)	3,436.15	222.07
22 47 13 00-0016	EA		Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay EZSTLG8WSLK)	2,948.89	222.07
22 47 13 00-0017	EA		Bi-Level, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountains (Elkay LZSTL8WSSP)	2,680.37	222.07
22 47 13 00-0018	EA		White Vitreous China Wall-Mounted Indoor Drinking Fountain (Haws 1201)	1,304.36	172.73
22 47 13 00-0019	EA		White Enamelled Iron Wall-Mounted Indoor Drinking Fountain (Haws 1311 And 6700)	1,839.37	172.73
22 47 13 00-0020	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	3,035.82	172.73
22 47 13 00-0021	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	2,931.40	172.73
22 47 13 00-0022	EA		Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRC8WSK)	2,803.79	172.73
22 47 13 00-0023	EA		Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRC8WSK)	2,687.77	172.73
22 47 13 00-0024	EA		Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LVRCGRN8WSK)	2,444.14	172.73
22 47 13 00-0025	EA		Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay VRCGRN8WSK)	2,339.73	172.73
22 47 13 00-0026	EA		Stainless Steel Wall-Mounted High-Efficiency Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSG8WSSK)	2,223.71	172.73
22 47 13 00-0027	EA		Stainless Steel Wall-Mounted Indoor Chilled Filtered Bottle Filling Station With Hands-Free Touchless Sensor Drinking Fountain (Elkay LZO8WSSK)	2,223.71	172.73
22 47 13 00-0028	EA		Stainless Steel Wall-Mounted Indoor Chilled Non-Filtered Bottle Filling Station With Hands-Free Fountain (Elkay EZO8WSSK)	2,119.30	172.73
22 47 13 00-0029	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Bottle Filling Station With Drinking Fountain (Elkay EZSG8WSSK)	2,119.30	172.73
22 47 13 00-0030	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LMABF8WSSK)	2,072.90	172.73
22 47 13 00-0031	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Vandal-Resistant Drinking Fountain (Elkay LZS8WSVRSK)	2,072.90	172.73
22 47 13 00-0032	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSSK)	1,968.48	172.73
22 47 13 00-0033	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSK)	1,910.48	172.73
22 47 13 00-0034	EA		Stainless Steel Wall-Mounted Indoor Chilled Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZS8WSSP)	1,829.27	172.73
22 47 13 00-0035	EA		Stainless Steel Wall-Mounted Indoor Hands-Free Filtered Bottle Filling Station With Drinking Fountain (Elkay LZSDWSSK)	1,794.46	172.73
22 47 13 00-0036	EA		Stainless Steel Wall-Mounted Indoor Hands-Free Non-Filtered Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,678.45	172.73
22 47 13 00-0037	EA		Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABF8WSLK)	1,910.48	172.73
22 47 13 00-0038	EA		Vinyl Clad Cabinet, Non-Chilled, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay EMABFDWSLK)	1,678.45	172.73
22 47 13 00-0039	EA		Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLK)	1,780.71	172.73
22 47 13 00-0040	EA		Vinyl Clad Cabinet, Stainless Steel Wall-Mounted Indoor, Bottle Filling Station With Drinking Fountain (Elkay LZS8WSLP)	1,782.86	172.73
22 47 13 00-0041	EA		Surface Mounted, Stainless Steel, Filtered Non-Refrigerated, Bottle Filling Station Kit (Elkay LZWSSM)	1,475.33	123.38
22 47 13 00-0042	EA		Wall Mounted, Non-Filtered Non-Refrigerated, Retrofit Bottle Filling Station Kit (Elkay EMABFWS-RF)	1,104.09	123.38
22 47 13 00-0043			Semi-Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0044	EA		Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler (Halsey-Taylor 5801)	1,604.10	185.05
22 47 13 00-0045	EA		Stainless Steel Semi-Recessed Indoor Drinking Fountain With Bubbler And Cuspidor (Halsey-Taylor 5801C)	3,440.75	185.05
22 47 13 00-0046			Fully Recessed Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0047	EA		Stainless Steel Fully-Recessed, With Bubbler, Indoor Drinking Fountain (Halsey-Taylor 8880, Haws 2400)	1,715.78	197.39
22 47 13 00-0048	EA		Stainless Steel Fully-Recessed, With Bubbler And Cuspidor, Indoor Drinking Fountain (Halsey-Taylor 8800 With 10245, Haws 2403)	3,124.83	197.39
22 47 13 00-0049	EA		Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler, Barrier Free (Haws 2401)	2,081.83	197.39
22 47 13 00-0050	EA		Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler, Barrier Free (Haws 2406)	4,689.85	197.39
22 47 13 00-0051	EA		Stainless Steel Fully-Recessed Indoor Drinking Fountain With Bubbler (Haws 2403)	3,195.92	197.39
22 47 13 00-0052			Countertop Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0053	EA		Stainless Steel Countertop Circular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 10000)	712.53	123.38
22 47 13 00-0054	EA		Stainless Steel Countertop Rectangular Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6000)	686.01	123.38

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 13 00-0055	EA		Stainless Steel Countertop Oval Indoor Drinking Fountain Basin With Pushbutton Bubbler (Halsey-Taylor 6028).....	831.37	123.38
22 47 13 00-0056			Bowl And Bracket Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0057	EA		Stainless Steel, Bowl And Bracket With Pushbutton Bubbler, Indoor Drinking Fountain (Halsey-Taylor 2501A).....	602.19	123.38
22 47 13 00-0058	EA		Stainless Steel, Bowl And Bracket, Self Closing Lever Handle Stop, Indoor Drinking Fountain (Halsey-Taylor 4540).....	725.41	123.38
22 47 13 00-0059			Multi-Station Indoor Drinking Fountain (22 47 13 00-0001)		
22 47 13 00-0060	EA		Two Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7020).....	3,246.85	197.39
22 47 13 00-0061	EA		Three Station, Stainless Steel, Indoor Drinking Fountains With Bubbler And Built In Backsplash, With Bottom Cover Plate (Halsey-Taylor 7030).....	4,082.90	197.39
22 47 13 00-0062	EA		Two Station, Marblyte, Face-Mounted Indoor Drinking Fountain With Bubblers (Halsey-Taylor 7120).....	3,097.13	197.39
22 47 13 00-0063	EA		Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1430).....	2,612.35	197.39
22 47 13 00-0064	EA		Three Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1435).....	3,289.29	197.39
22 47 13 00-0065	EA		Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1431).....	2,710.39	197.39
22 47 13 00-0066	EA		Two Station, White Enameled Iron Indoor Drinking Fountains With Bubblers (Haws 1501).....	2,761.95	197.39
22 47 13 00-0067	EA		White Enameled Iron, Dual Height, Drinking Fountain (Haws 1501 with 6715).....	3,191.46	251.80
22 47 13 00-0068	EA		Bi-Level, Stainless Steel, Indoor Drinking Fountain With Bubblers And Back Panel (Halsey-Taylor HRFSEBP, Haws 1119.14 With 6700.4).....	2,866.05	251.80
22 47 13 00-0069	EA		Two Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1441).....	5,266.92	197.39
22 47 13 00-0070	EA		Three Station, Cast Aluminum Indoor Drinking Fountains With Bubblers (Haws 1408).....	5,173.04	197.39
22 47 13 00-0071			Drinking Fountain Retro Kit (22 47 13 00-0001)		
22 47 13 00-0072	EA		Stainless Steel Drinking Fountain Retro Kit (Acorn 2990-082-001).....	690.37	123.38
22 47 13 00-0073			Outdoor Drinking Fountains (22 47 13)		
22 47 13 00-0074			Face Mounted Outdoor Drinking Fountains (22 47 13 00-0073)		
22 47 13 00-0075	EA		Stainless Steel Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFE-FR).....	1,498.09	197.39
22 47 13 00-0076	EA		Stainless Steel Freeze Resistant Face Mounted, With Back Panel, Outdoor Drinking Fountain With Bubbler (Halsey-Taylor HRFEBP-FR).....	1,642.17	197.39
22 47 13 00-0077	EA		Stone Aggregate Weather Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592).....	1,579.61	197.39
22 47 13 00-0078	EA		Stone Aggregate Freeze Resistant Face Mounted Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4592-FR).....	2,317.04	197.39
22 47 13 00-0079			Free Standing Outdoor Drinking Fountains (22 47 13 00-0073)		
22 47 13 00-0080	EA		Steel Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715).....	2,844.00	185.05
22 47 13 00-0081	EA		Steel Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4715-FR).....	3,993.75	185.05
22 47 13 00-0082	EA		Steel Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710).....	2,840.18	185.05
22 47 13 00-0083	EA		Steel Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4710-FR).....	3,920.31	185.05
22 47 13 00-0084	EA		Steel Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720).....	4,226.02	197.39
22 47 13 00-0085	EA		Steel Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4720-FR).....	4,302.80	197.39
22 47 13 00-0086	EA		Stone Aggregate Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4591).....	1,600.42	185.05
22 47 13 00-0087	EA		Stone Aggregate Barrier-Free Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590).....	2,760.59	185.05
22 47 13 00-0088	EA		Stone Aggregate Barrier-Free Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4590-FR).....	3,910.34	185.05
22 47 13 00-0089	EA		Stone Aggregate Barrier-Free Bi-level Pedestal Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595).....	4,602.32	197.39
22 47 13 00-0090	EA		Stone Aggregate Barrier-Free Bi-level Pedestal Freeze Resistant Outdoor Drinking Fountain With Bubbler (Halsey-Taylor 4595-FR).....	6,458.22	197.39
22 47 13 00-0091			Multi-Station Outdoor Drinking Fountains (22 47 13 00-0073)		
22 47 13 00-0092	EA		White Cast Aluminum Three Station Outdoor Drinking Fountains With Bubblers (Haws 1408).....	3,160.90	197.39
22 47 16			Pressure Water Coolers (22 47)		
22 47 16 00-0001			Indoor Water Coolers (22 47 16)		
22 47 16 00-0002			Face Mounted Indoor Water Coolers (22 47 16 00-0001)		
22 47 16 00-0003	EA		Stainless Steel, Semi-Circular Water Cooler With Bubbler, Face-Mounted, Extended Length, 180 Degree Push Bar, 7.5 GPH (Halsey-Taylor OVL-II ER-Q).....	3,262.05	197.39
22 47 16 00-0004	EA		Stainless Steel, Semi-Circular Water Cooler, Electronic Sensor, Face-Mounted, Extended Length, With Bubbler, 7.5 GPH (Halsey-Taylor OVL-II EREE-Q).....	3,482.90	197.39
22 47 16 00-0005			Wall Mounted Indoor Water Coolers (22 47 16 00-0001)		
22 47 16 00-0006	EA		Stainless Steel Wall-Mounted Compact Water Cooler, 4 GPH, With Bubbler, (Halsey-Taylor SW4A-Q).....	1,551.17	197.39
22 47 16 00-0007	EA		Stainless Steel Wall-Mounted Compact Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SW8A-Q).....	1,608.05	197.39
22 47 16 00-0008	EA		Stainless Steel Wall-Mounted Compact Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SW14A-Q).....	1,786.24	197.39
22 47 16 00-0009	EA		Stainless Steel Wall-Mounted Vandal Resistant Compact Water Cooler With Bubbler, 8 GPH (Halsey-Taylor SW8A-VR-Q-SS).....	1,854.49	197.39
22 47 16 00-0010	EA		Stainless Steel Wall-Mounted Vandal Resistant Barrier Free Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8-CHILD ADA).....	1,372.98	197.39

22 Plumbing**22 40 Plumbing Fixtures****22 47 Drinking Fountains and Water Coolers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 16 00-0011	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor WC8AFS-Q-SS).....	1,590.98	197.39
22 47 16 00-0012	EA	Stainless Steel Wall-Mounted Barrier Free Water Cooler With Bubbler, Front And Side Pushbar, 8 GPH (Halsey-Taylor HAC8FS-Q Child SS)	1,250.70	197.39
22 47 16 00-0013	EA	Stainless Steel Wall-Mounted Water Cooler, 8 GPH, With Bubbler, (Halsey-Taylor HAC8VR-BL)	1,883.23	197.39
22 47 16 00-0014	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HAC8FSBL-Q-SS).....	2,097.37	296.09
22 47 16 00-0015		Simulated Recessed Indoor Water Coolers (22 47 16 00-0001)		
22 47 16 00-0016	EA	Stainless Steel Simulated Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RWM8A-Q)	1,850.53	197.39
22 47 16 00-0017		Fully Recessed Indoor Water Coolers (22 47 16 00-0001)		
22 47 16 00-0018	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler, 8 GPH (Halsey-Taylor RC8A-Q)	3,597.62	222.07
22 47 16 00-0019	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser, 8 GPH (Halsey-Taylor RC8AQ + 14762)	4,395.38	222.07
22 47 16 00-0020	EA	Stainless Steel Fully-Recessed Water Cooler With Bubbler And Cup Dispenser And Glass Filler, 8 GPH (Halsey-Taylor RC8A-Q-14700).....	5,145.54	222.07
22 47 16 00-0021		Free Standing Indoor Water Coolers (22 47 16 00-0001)		
22 47 16 00-0022	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 4 GPH, With Bubbler (Halsey-Taylor SCWT4A-Q).....	1,495.18	172.73
22 47 16 00-0023	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 8 GPH, With Bubbler (Halsey-Taylor SCWT8A-Q).....	1,606.08	172.73
22 47 16 00-0024	EA	Stainless Steel, Free-Standing Indoor Water Cooler, 14 GPH, With Bubbler (Halsey-Taylor SCWT14A-Q).....	1,823.14	172.73
22 47 16 00-0025	EA	Stainless Steel, Free-Standing Vandal Resistant Water Cooler With Bubbler, 14 GPH (Halsey-Taylor SCWT14A-VR-Q)	2,028.82	172.73
22 47 16 00-0026		Bottled Water Coolers (22 47 16 00-0001)		
22 47 16 00-0027	EA	Free-Standing Bottled Water Cooler With Chilled Or Room Temperature Water	517.11	98.70
22 47 16 00-0028	EA	Free-Standing Bottled Water Cooler With Chilled Or Hot Water.....	618.97	98.70
22 47 16 00-0029		Multi-Station Indoor Water Coolers (22 47 16 00-0001)		
22 47 16 00-0030	EA	Stainless Steel, Wall Mounted, Two Station, Semi-Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II SER-Q)	4,307.08	296.09
22 47 16 00-0031	EA	Stainless Steel, Wall Mounted, Two Station, Electronic Sensor Semi Circular Indoor Water Cooler With Bubblers, 180 Degree Push Bars, 7.5 GPH (Halsey-Taylor OVL-II-SEREE-Q).....	4,945.67	296.09
22 47 16 00-0032	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Indoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BL-CHILD ADA-SS)	2,274.62	296.09
22 47 16 00-0033		Outdoor Water Coolers (22 47 16)		
22 47 16 00-0034		Wall Mounted Outdoor Water Coolers (22 47 16 00-0033)		
22 47 16 00-0035	EA	Stainless Steel, Wall Mounted, Barrier Free, Vandal Resistant, Frost Resistant Outdoor Water Cooler With Bubbler, 8 GPH (Halsey-Taylor HVR8FR-CHILD ADA-SS).....	1,610.17	123.38
22 47 16 00-0036	EA	Stainless Steel, Wall Mounted, Barrier Free, Bi-Level, Vandal Resistant Outdoor Water Cooler With Bubblers, 8 GPH (Halsey-Taylor HVR8BLFR-CHILD ADA-SS)	2,771.83	123.38
22 47 16 00-0037		Free Standing Outdoor Water Coolers (22 47 16 00-0033)		
22 47 16 00-0038	EA	Stainless Steel Free-Standing Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-Q).....	2,657.28	185.05
22 47 16 00-0039	EA	Stainless Steel Free-Standing Frost Resistant Outdoor Water Cooler With Bubbler, 14 GPH (Halsey-Taylor HOF14A-FR-Q)	3,188.08	185.05
22 47 16 00-0040		Removal And Reinstallation Of Fixtures And Trim (22 47 16)		
		Note: Includes storage, cleaning and supply materials for reconnecting pipe to fixture.		
22 47 16 00-0041	EA	Removal And Reinstallation Of Wall Hung Water Cooler.....	480.35	
22 47 16 00-0042	EA	Removal And Reinstallation Of Floor Mount Water Cooler.....	107.17	
22 47 19		Water-Station Water Coolers (22 47)		
22 47 19 00-0001		Bottle Filler (22 47 19)		
22 47 19 00-0002	EA	Outdoor Tubular Bottle Filling Station, Surface Mount (Elkay LK4410BF).....	3,943.67	197.39
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0003	EA	Outdoor Tubular Bottle Filling Station, Surface Mount, Freeze Resistant (Elkay LK4410BFFRK).....	4,872.12	197.39
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0004	EA	Tri-level Outdoor Tubular Bottle Filling Station With Single Bottle Filler And Two Drinking Fountain Basins, Surface Mount (Elkay LK4430BF1)	6,256.22	222.07
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0005	EA	Tri-level Outdoor Tubular Bottle Filling Station With Two Bottle Fillers And Single Drinking Fountain Basin, Surface Mount (Elkay LK4430BF2)	6,761.17	222.07
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0006	EA	Tri-level Outdoor Tubular Bottle Filling Station With Three Bottle Fillers, Surface Mount (Elkay LK4430BF3)	7,266.12	222.07
		For Stainless Steel Carrier, Add	205.00	
22 47 19 00-0007		Indoor Bottle Filling Station (22 47 19)		
22 47 19 00-0008	EA	Indoor Bottle Filling Station With Chiller, Recessed Mount (Halsey Taylor HTHB-8).....	2,600.71	197.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 47 19 00-0009 EA Indoor Bottle Filling Station Without Chiller, Recessed Mount (Halsey Taylor HTHB-LR).....	1,789.86	197.39
22 47 19 00-0010 EA Indoor Bottle Filling Station, Surface Mount (Halsey Taylor HTHBSM-WF).....	1,443.46	197.39
22 47 19 00-0011 EA Surface Mount, Battery Powered, Non-Filtered, Non-Refrigerated, Stainless Steel Botter Filling Station (Elkay EMASMB).....	1,507.37	197.39
22 47 23 Remote Water Coolers (22 47)		
22 47 23 00-0001 Remote Chillers (22 47 23)		
22 47 23 00-0002 EA 1.5 GPH Remote Chiller (Halsey-Taylor SJ1-Q).....	927.53	66.62
22 47 23 00-0003 EA 5 GPH Remote Chiller (Halsey-Taylor SJ5-Q).....	1,410.58	74.03
22 47 23 00-0004 EA 8 GPH Remote Chiller (Halsey-Taylor SJ8-Q).....	1,211.57	86.36
22 47 23 00-0005 EA 10 GPH Remote Chiller (Halsey-Taylor SJ10-Q).....	1,559.46	98.70
22 47 23 00-0006 EA 19 GPH Remote Chiller (Halsey-Taylor SJ19-Q).....	2,442.99	148.05
22 47 23 00-0007 EA 30 GPH Remote Chiller (Halsey-Taylor SJ30-Q).....	2,648.69	160.39
22 47 26 Fixture Carriers (22 47)		
22 47 26 00-0001 Water Cooler Carriers (22 47 26)		
22 47 26 00-0002 Floor Mounted, Water Cooler Carriers (22 47 26 00-0001)		
Note: Includes adjustable supporting rods, structural uprights and welded feet.		
22 47 26 00-0003 EA Floor Mounted Hanger Plate Type, Single Water Cooler Carrier.....	562.99	37.51
<i>For Up To 4" Extension Sleeves And Hardware, Add</i>		
<i>28.80</i>		
<i>For Bi-Level Carrier, Add</i>		
<i>319.64</i>		
22 47 26 00-0004 EA Floor Mounted Bearing Plate Type, Single Water Cooler Carrier.....	615.10	37.51
<i>For Up To 4" Extension Sleeves And Hardware, Add</i>		
<i>28.80</i>		
<i>For Bi-Level Carrier, Add</i>		
<i>319.64</i>		
22 50 Pool and Fountain Plumbing Systems (22)		
22 51 Swimming Pool Plumbing Systems (22 50)		
22 51 13 Swimming Pool Piping (22 51)		
22 51 13 00-0001 Swimming Pool Gutters (22 51 13)		
22 51 13 00-0002 LF Swimming Pool Gutters, Stainless.....	250.24	22.21
22 51 13 00-0003 Pool Drains (22 51 13)		
22 51 13 00-0004 Cast Iron Pool Drain With Bottom Outlet (22 51 13 00-0003)		
Note: Large square top and 24" loose set round super-flo grate.		
22 51 13 00-0005 EA Cast Iron Pool Drain, 4" - 8" Bottom Outlet, Large Square Top And 24" Super-Flo Grate.....	2,785.68	62.18
<i>For Polished Bronze Top, Add</i>		
<i>769.60</i>		
<i>For Chromium Plated Top, Add</i>		
<i>805.00</i>		
<i>For Galvanized Top, Add</i>		
<i>276.40</i>		
<i>For Vandal Proof Construction, Add</i>		
<i>57.20</i>		
22 51 13 00-0006 Cast Iron Pool Drain With Waterproof Flange (22 51 13 00-0003)		
Note: Bottom outlet 14" square top and loose set square flange.		
22 51 13 00-0007 EA Cast Iron Pool Drain, 2" - 4" Bottom Outlet With Waterproof Flange And 14" Square Top.....	773.85	62.18
<i>For Polished Bronze Top, Add</i>		
<i>133.50</i>		
<i>For Hinge Grate, Add</i>		
<i>28.60</i>		
<i>For Clamp Device, Add</i>		
<i>13.80</i>		
<i>For Supplementary Strainer, Add</i>		
<i>7.00</i>		
<i>For Chromium Plated Top, Add</i>		
<i>146.90</i>		
<i>For Vandal Proof Construction, Add</i>		
<i>17.10</i>		
<i>For Threaded Outlet, Add</i>		
<i>9.50</i>		
<i>For Galvanized Top, Add</i>		
<i>38.10</i>		
<i>For Ground Screw, Add</i>		
<i>18.30</i>		
22 51 13 00-0008 Pool Supply Fittings (22 51 13)		
22 51 13 00-0009 Cast Iron Pool Supply Fittings (22 51 13 00-0008)		
Note: Includes polished bronze head and anchor flange and adjustable V-ported valve insert and threaded inlet.		
22 51 13 00-0010 EA Cast Iron Pool Fitting For 2" Pipe.....	1,004.56	111.04
<i>For Galvanized Head, Add</i>		
<i>26.30</i>		
<i>For Vandal Proof Construction, Add</i>		
<i>11.50</i>		
<i>For Grounding Screw, Add</i>		
<i>18.30</i>		
22 51 13 00-0011 EA Cast Iron Pool Fitting For 3" Pipe.....	1,004.56	111.04
<i>For Galvanized Head, Add</i>		
<i>26.30</i>		
<i>For Vandal Proof Construction, Add</i>		
<i>11.50</i>		
<i>For Grounding Screw, Add</i>		
<i>18.30</i>		
<i>For Chromium Plated Head, Add</i>		
<i>11.50</i>		
22 51 16 Swimming Pool Pumps (22 51)		
22 51 16 00-0001 Variable Speed Pool Pumps (22 51 16)		
22 51 16 00-0002 EA 3 HP, Variable Speed Pool Pump With Vacuum Release (Pentair INTELLIFLO VS+SVRS 11017).....	2,788.64	419.47
22 51 16 00-0003 EA Variable Speed Pool Pump (Hayward EcoStar SVRS SP3400VSP).....	3,065.33	419.47

22 Plumbing**22 50 Pool and Fountain Plumbing Systems****22 51 Swimming Pool Plumbing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 16 00-0004	EA		Variable Speed Pool Pump With Vacuum Release (Hayward EcoStar SVRS SP3400VSPVR).....	3,436.71	419.47
22 51 16 00-0005			Electric Powered Portable Vacuum Cleaner Pump (22 51 16)		
			Note: Includes 75' of 3 wire electric safety cord.		
22 51 16 00-0006	EA		1 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord	353.87	49.35
22 51 16 00-0007	EA		1-1/2 HP Electric Portable Vacuum Cleaner Pump With 75' Of 3-Wire Safety Cord.....	626.71	49.35
22 51 16 00-0008			Gasoline Driven Portable Vacuum Cleaner Pump (22 51 16)		
22 51 16 00-0009	EA		3 HP Gasoline Driven Portable Vacuum Cleaner Pump	2,440.57	49.35
22 51 19			Swimming Pool Water Treatment Equipment (22 51)		
22 51 19 00-0001			Condensing Pool Water Heater (22 51 19)		
22 51 19 00-0002	EA		372 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN400).....	39,267.10	707.34
22 51 19 00-0003	EA		467 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN501).....	42,755.00	848.80
22 51 19 00-0004	EA		567 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN601).....	46,888.92	919.54
22 51 19 00-0005	EA		660 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN701).....	57,644.15	990.27
22 51 19 00-0006	EA		773 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN801).....	59,781.90	1,061.00
22 51 19 00-0007	EA		967 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1015).....	90,721.49	1,273.20
22 51 19 00-0008	EA		1,257 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1320).....	116,342.58	1,343.93
22 51 19 00-0009	EA		1,450 MBH, 97% Efficient, Gas Fired, Indirect, Condensing Pool Water Heater (Lochinvar XPN1520).....	121,018.48	1,450.04
22 51 19 00-0010			Non-Condensing Pool Water Heater (22 51 19)		
22 51 19 00-0011	EA		500 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0502).....	20,979.25	919.54
22 51 19 00-0012	EA		650 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0652).....	22,355.69	990.27
22 51 19 00-0013	EA		750 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0752).....	24,360.37	1,061.00
22 51 19 00-0014	EA		990 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN0992).....	32,231.32	1,273.20
22 51 19 00-0015	EA		1,260 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1262).....	37,389.59	1,343.93
22 51 19 00-0016	EA		1,440 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1442).....	39,909.96	1,450.04
22 51 19 00-0017	EA		1,800 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN1802).....	39,517.72	1,520.77
22 51 19 00-0018	EA		2,070 MBH, 89% Efficient, Gas Fired, Copper Finned Tube, Non-Condensing Pool Water Heater (Lochinvar CPN2072).....	51,346.46	1,556.13
22 51 19 00-0019			Swimming Pool Heaters (22 51 19)		
			Note: Excludes wiring, external piping, base or pad. Commercial pools.		
22 51 19 00-0020			Electric Pool Heaters (22 51 19 00-0019)		
22 51 19 00-0021	EA		12 KW Heater (1 Degree/Hour), For 4,800 Gallon Pool.....	4,140.10	197.39
22 51 19 00-0022	EA		18 KW Heater (1 Degree/Hour), For 7,200 Gallon Pool.....	4,629.15	212.20
22 51 19 00-0023	EA		24 KW Heater (1 Degree/Hour), For 9,600 Gallon Pool.....	5,140.20	246.74
22 51 19 00-0024	EA		30 KW Heater (1 Degree/Hour), For 12,000 Gallon Pool.....	5,433.03	296.09
22 51 19 00-0025	EA		36 KW Heater (1 Degree/Hour), For 14,400 Gallon Pool.....	5,956.16	414.53
22 51 19 00-0026	EA		60 KW Heater (1 Degree/Hour), For 24,000 Gallon Pool.....	6,799.30	592.18
22 51 19 00-0027			Gas Fired Pool Heaters (22 51 19 00-0019)		
22 51 19 00-0028	EA		120 MBH Output Gas Fired Pool Heater.....	5,765.63	941.22
22 51 19 00-0029	EA		180 MBH Output Gas Fired Pool Heater.....	6,546.37	1,075.68
22 51 19 00-0030	EA		240 MBH Output Gas Fired Pool Heater.....	7,399.23	1,210.14
22 51 19 00-0031	EA		300 MBH Output Gas Fired Pool Heater.....	8,480.01	1,479.06
22 51 19 00-0032	EA		360 MBH Output Gas Fired Pool Heater.....	8,721.40	1,561.88
22 51 19 00-0033	EA		400 MBH Output Gas Fired Pool Heater.....	10,246.52	1,930.78
22 51 19 00-0034	EA		500 MBH Output Gas Fired Pool Heater.....	16,420.71	2,227.82
22 51 19 00-0035	EA		600 MBH Output Gas Fired Pool Heater.....	19,090.44	2,450.61
22 51 19 00-0036	EA		750 MBH Output Gas Fired Pool Heater.....	21,561.26	2,673.39
22 51 19 00-0037	EA		1,000 MBH Output Gas Fired Pool Heater.....	27,747.14	3,156.08
22 51 19 00-0038			Surge Tanks (22 51 19)		
			Note: Includes 100 GPM vertical pump with 2 HP motor and electronic float switch. Prices are for 1' To 5' sump depth for pump.		
22 51 19 00-0039	EA		1,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	20,955.24	768.93
22 51 19 00-0040	EA		1,500 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	23,572.17	768.93
22 51 19 00-0041	EA		2,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	28,417.02	992.09
22 51 19 00-0042	EA		5,000 Gallon Surge Tank, With 2 HP Motor With 100 GPM Vertical Pump And Electric Float Switch.....	37,356.70	1,601.15
22 51 19 00-0043			Diatomite Type Filter System (22 51 19)		
22 51 19 00-0044	EA		35,000 Gallon Filter System, Diatomite.....	13,851.13	2,824.23
22 51 19 00-0045	EA		45,000 Gallon Filter System, Diatomite.....	16,511.61	3,389.08

	MINOR						TOTAL DIRECT	DEMOLITION
	CSI	UOM	DESCRIPTION				UNIT COST	UNIT COST
22 51 19 00-0046			Silver Recovery System, X-Ray Film Processing <small>(22 51 19)</small>					
	22 51 19 00-0047	EA	20 Gallon/Day Capacity, Silver Recovery System			1,901.65		334.92
	22 51 19 00-0048	EA	40 Gallon/Day Capacity, Silver Recovery System			2,796.84		446.58
22 51 19 00-0049			Inline Water Filter <small>(22 51 19)</small>					
			Note: 3/8" NPT threaded inlet and outlet, 125 PSI, includes one filter cartridge.					
	22 51 19 00-0050	EA	2 GPM Water Filter, 100 Degree Temperature, 8" x 5" Diameter, Plastic Body.....			247.48		98.70
	22 51 19 00-0051	EA	6 GPM Water Filter, 250 Degree Temperature, 12" x 5" Diameter, Stainless Steel Body			456.35		148.05
22 51 19 00-0052			Horizontal High Rate Sand Filters <small>(22 51 19)</small>					
			Note: Includes sand, filter system equipment and attached accessory gauges.					
	22 51 19 00-0053	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			39,673.09		2,123.74
			Note: 1 tank, 4" pipe size, Miami Tanks model # HH3614-A.					
	22 51 19 00-0054	EA	135-270 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			24,124.20		2,123.74
			Note: 1 tank, 4" pipe size, Miami tanks model # HH3614-M.					
	22 51 19 00-0055	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			54,762.78		4,247.48
			Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-A.					
	22 51 19 00-0056	EA	270-405 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			43,232.88		4,247.48
			Note: 2 tank, 4" pipe size, Miami tanks model # HH3624-M.					
	22 51 19 00-0057	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			56,306.96		4,247.48
			Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-A.					
	22 51 19 00-0058	EA	270-540 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			45,007.66		4,247.48
			Note: 2 tank, 6" pipe size, Miami tanks model # HH3626-M.					
	22 51 19 00-0059	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			76,885.52		6,371.21
			Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-A.					
	22 51 19 00-0060	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			59,734.80		6,371.21
			Note: 3 tank, 6" pipe size, Miami tanks model # HH3636-M.					
	22 51 19 00-0061	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			79,109.14		6,371.21
			Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-A.					
	22 51 19 00-0062	EA	405-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			66,167.42		6,371.21
			Note: 3 tank, 8" pipe size, Miami tanks model # HH3638-M.					
	22 51 19 00-0063	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			99,218.17		8,494.95
			Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-A.					
	22 51 19 00-0064	EA	540-810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			84,686.38		8,494.95
			Note: 4 tank, 6" pipe size, Miami tanks model # HH3646-M.					
	22 51 19 00-0065	EA	675 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			120,608.62		10,618.69
			Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-A.					
	22 51 19 00-0066	EA	675 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			101,893.13		10,618.69
			Note: 5 tank, 6" pipe size, Miami tanks model # HH3656-M.					
	22 51 19 00-0067	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			124,022.29		10,618.69
			Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-A.					
	22 51 19 00-0068	EA	675-1350 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			105,625.05		10,618.69
			Note: 5 tank, 8" pipe size, Miami tanks model # HH3658-M.					
	22 51 19 00-0069	EA	810 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			143,197.61		12,742.44
			Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-A.					
	22 51 19 00-0070	EA	810 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			122,377.91		12,742.44
			Note: 6 tank, 6" pipe size, Miami tanks model # HH3666-M.					
	22 51 19 00-0071	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			146,178.91		12,742.44
			Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-A.					
	22 51 19 00-0072	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			124,805.43		12,742.44
			Note: 6 tank, 8" pipe size, Miami tanks model # HH3668-M.					
	22 51 19 00-0073	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			150,169.08		12,742.44
			Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-A.					
	22 51 19 00-0074	EA	810-1620 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			119,668.39		12,742.44
			Note: 6 tank, 10" pipe size, Miami tanks model # HH36610-M.					
	22 51 19 00-0075	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			168,785.67		14,866.18
			Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-A.					
	22 51 19 00-0076	EA	945-1418 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			147,964.50		14,866.18
			Note: 7 tank, 8" pipe size, Miami tanks model # HH3678-M.					
	22 51 19 00-0077	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			173,803.82		14,866.18
			Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-A.					
	22 51 19 00-0078	EA	945-1890 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			152,419.98		14,866.18
			Note: 7 tank, 10" pipe size, Miami tanks model # HH36710-M.					
	22 51 19 00-0079	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Automatic Controls.....			193,375.52		16,989.91
			Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-A.					
	22 51 19 00-0080	EA	1080-2160 GPM Horizontal Hi-Rate Sand Filter, Manual Controls.....			172,222.28		16,989.91
			Note: 8 tank, 10" pipe size, Miami tanks model # HH36810-M.					
22 51 19 00-0081			Swimming Pool Chlorinators <small>(22 51 19)</small>					
	22 51 19 00-0082	EA	Swimming Pool Chlorinator, 50-100 PPD, Direct Cylinder Mounted Gas Chlorinator.....			1,084.75		141.14
22 51 19 00-0083			Ultra-Violet Pool Treatment Lights <small>(22 51 19)</small>					
22 51 19 00-0084			Stainless Steel Ultra-Violet Pool Treatment Lights <small>(22 51 19 00-0083)</small>					
			Note: Delta ELP Amalgam Series					
	22 51 19 00-0085	EA	3" Flanged, 79 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....			15,298.83		307.72
	22 51 19 00-0086	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....			16,178.88		307.72
	22 51 19 00-0087	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....			16,933.22		307.72
	22 51 19 00-0088	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....			17,466.81		325.90

22 Plumbing**22 50 Pool and Fountain Plumbing Systems****22 51 Swimming Pool Plumbing Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 19 00-0089	EA	4" Flanged, 295 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	17,840.64	325.90
22 51 19 00-0090	EA	4" Flanged, 329 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	21,235.08	325.90
22 51 19 00-0091	EA	6" Flanged, 396 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	25,022.11	585.20
22 51 19 00-0092	EA	6" Flanged, 440 GPM, 2 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	37,167.96	585.20
22 51 19 00-0093	EA	6" Flanged, 650 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	40,816.94	585.20
22 51 19 00-0094	EA	8" Flanged, 695 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	43,754.31	702.06
22 51 19 00-0095	EA	8" Flanged, 920 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	47,004.63	702.06
22 51 19 00-0096	EA	8" Flanged, 1140 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	49,273.75	702.06
22 51 19 00-0097	EA	8" Flanged, 1260 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	51,726.84	702.06
22 51 19 00-0098	EA	10" Flanged, 1510 GPM, 6 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	55,550.86	798.01
22 51 19 00-0099	EA	10" Flanged, 1760 GPM, 7 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	59,843.77	798.01
22 51 19 00-0100	EA	10" Flanged, 2010 GPM, 8 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	64,136.67	798.01
22 51 19 00-0101	EA	10" Flanged, 2520 GPM, 10 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	69,349.47	798.01
22 51 19 00-0102		HDPE Ultra-Violet Pool Treatment Lights (22 51 19 00-0083)		
		Note: Delta EL Series		
22 51 19 00-0103	EA	3" Flanged, 116 GPM, 3 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing.....	7,586.97	307.72
22 51 19 00-0104	EA	3" Flanged, 158 GPM, 4 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing.....	8,445.52	307.72
22 51 19 00-0105	EA	4" Flanged, 254 GPM, 5 Lamp, 240 Volt, Ultra-Violet Pool Treatment Light With HDPE Housing.....	9,331.51	325.90
22 51 19 00-0106		In-Line, Stainless Steel Ultra-Violet Pool Treatment Lights (22 51 19 00-0083)		
		Note: Delta EM Series		
22 51 19 00-0107	EA	3" Flanged, 100 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	29,664.73	307.72
22 51 19 00-0108	EA	3" Flanged, 170 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	29,971.35	307.72
22 51 19 00-0109	EA	6" Flanged, 300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	31,936.78	585.20
22 51 19 00-0110	EA	6" Flanged, 600 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	40,485.76	585.20
22 51 19 00-0111	EA	8" Flanged, 1300 GPM, 1 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	56,510.35	702.06
22 51 19 00-0112	EA	10" Flanged, 2000 GPM, 2 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	63,768.71	798.01
22 51 19 00-0113	EA	12" Flanged, 3000 GPM, 3 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	75,163.85	1,032.66
22 51 19 00-0114	EA	12" Flanged, 4000 GPM, 4 Lamp, 240 Volt, In-Line Ultra-Violet Pool Treatment Light With Stainless Steel Housing.....	84,362.91	1,032.66
22 51 23		Swimming Pool Equipment Controls (22 51)		
22 51 23 00-0001		Pool Pump Variable Frequency Drive (22 51 23)		
		Note: Pentair Acu Drive XS		
22 51 23 00-0002	EA	3 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01).....	4,837.76	208.94
22 51 23 00-0003	EA	5 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01).....	5,190.78	235.07
22 51 23 00-0004	EA	7-1/2 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01).....	6,213.04	293.83
22 51 23 00-0005	EA	10 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01).....	6,594.50	350.64
22 51 23 00-0006	EA	15 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01).....	7,047.20	408.10
22 51 23 00-0007	EA	20 HP, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01).....	7,985.85	466.22
22 51 23 00-0008	EA	3 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01).....	4,843.95	208.94
22 51 23 00-0009	EA	5 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01).....	5,102.07	235.07
22 51 23 00-0010	EA	7-1/2 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01).....	5,486.79	293.83
22 51 23 00-0011	EA	10 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01).....	5,888.89	350.64
22 51 23 00-0012	EA	15 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01).....	6,946.10	408.10
22 51 23 00-0013	EA	20 HP, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01).....	7,711.45	466.22
22 51 23 00-0014	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N01FB).....	5,884.47	208.94
22 51 23 00-0015	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N01FB).....	6,767.12	235.07
22 51 23 00-0016	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N01FB).....	7,515.14	293.83
22 51 23 00-0017	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N01FB).....	8,095.93	350.64
22 51 23 00-0018	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N01FB).....	9,532.34	408.10
22 51 23 00-0019	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N01FB).....	10,746.10	466.22
22 51 23 00-0020	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N01FB).....	6,322.35	208.94
22 51 23 00-0021	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N01FB).....	6,570.75	235.07
22 51 23 00-0022	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N01FB).....	6,930.65	293.83
22 51 23 00-0023	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N01FB).....	7,314.68	350.64
22 51 23 00-0024	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N01FB).....	8,346.01	408.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0025 EA 20 HP, Fused Bypass, 460 Volt AC, NEMA 1, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N01FB).....	9,127.67	466.22
22 51 23 00-0026 EA 1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12).....	4,323.60	208.94
22 51 23 00-0027 EA 3/4 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12).....	4,396.32	208.94
22 51 23 00-0028 EA 1 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12).....	4,441.25	208.94
22 51 23 00-0029 EA 1-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12).....	4,562.29	208.94
22 51 23 00-0030 EA 2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12).....	4,745.14	208.94
22 51 23 00-0031 EA 3 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12).....	4,886.98	208.94
22 51 23 00-0032 EA 5 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12).....	5,229.52	235.07
22 51 23 00-0033 EA 7-1/2 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12).....	6,232.12	293.83
22 51 23 00-0034 EA 10 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12).....	6,658.76	350.64
22 51 23 00-0035 EA 15 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12).....	7,101.82	408.10
22 51 23 00-0036 EA 20 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12).....	8,068.48	466.22
22 51 23 00-0037 EA 25 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12).....	10,604.26	581.14
22 51 23 00-0038 EA 30 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12).....	11,706.34	639.90
22 51 23 00-0039 EA 40 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12).....	13,858.95	698.67
22 51 23 00-0040 EA 50 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12).....	16,124.43	816.20
22 51 23 00-0041 EA 60 HP, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12).....	17,667.52	874.97
22 51 23 00-0042 EA 1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12).....	4,414.22	208.94
22 51 23 00-0043 EA 3/4 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12).....	4,508.15	208.94
22 51 23 00-0044 EA 1 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12).....	4,626.32	208.94
22 51 23 00-0045 EA 1-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12).....	4,727.90	208.94
22 51 23 00-0046 EA 2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12).....	4,831.41	208.94
22 51 23 00-0047 EA 3 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12).....	4,940.65	208.94
22 51 23 00-0048 EA 5 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12).....	5,193.10	235.07
22 51 23 00-0049 EA 7-1/2 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12).....	5,563.20	293.83
22 51 23 00-0050 EA 10 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12).....	5,954.97	350.64
22 51 23 00-0051 EA 15 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12).....	7,240.98	408.10
22 51 23 00-0052 EA 20 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12).....	7,979.92	466.22
22 51 23 00-0053 EA 25 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12).....	8,780.72	581.14
22 51 23 00-0054 EA 30 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12).....	9,935.54	639.90
22 51 23 00-0055 EA 40 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12).....	11,222.31	698.67
22 51 23 00-0056 EA 50 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12).....	13,761.58	816.20
22 51 23 00-0057 EA 60 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12).....	15,123.81	874.97
22 51 23 00-0058 EA 75 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12).....	16,969.68	933.73
22 51 23 00-0059 EA 100 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12).....	20,131.66	989.24
22 51 23 00-0060 EA 125 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12).....	23,238.14	1,044.73
22 51 23 00-0061 EA 150 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12).....	25,197.04	1,168.79
22 51 23 00-0062 EA 200 HP, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12).....	29,434.16	1,279.80
22 51 23 00-0063 EA 1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-2303-N12FB).....	6,262.36	208.94
22 51 23 00-0064 EA 3/4 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-2303-N12FB).....	6,335.08	208.94
22 51 23 00-0065 EA 1 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-2303-N12FB).....	6,380.01	208.94
22 51 23 00-0066 EA 1-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-2303-N12FB).....	6,501.06	208.94
22 51 23 00-0067 EA 2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-2303-N12FB).....	6,683.91	208.94

22 Plumbing**22 50 Pool and Fountain Plumbing Systems****22 51 Swimming Pool Plumbing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51	23 00-0068	EA	3 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-2303-N12FB)	6,825.74	208.94
22 51	23 00-0069	EA	5 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-2303-N12FB)	7,168.28	235.07
22 51	23 00-0070	EA	7-1/2 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-2303-N12FB)	7,951.40	293.83
22 51	23 00-0071	EA	10 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-2303-N12FB)	8,602.21	350.64
22 51	23 00-0072	EA	15 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-2303-N12FB)	10,077.48	408.10
22 51	23 00-0073	EA	20 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-2303-N12FB)	11,387.65	466.22
22 51	23 00-0074	EA	25 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-2303-N12FB)	13,397.72	581.14
22 51	23 00-0075	EA	30 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-2303-N12FB)	14,749.96	639.90
22 51	23 00-0076	EA	40 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-2303-N12FB)	18,869.99	698.67
22 51	23 00-0077	EA	50 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-2303-N12FB)	24,905.28	816.20
22 51	23 00-0078	EA	60 HP, Fused Bypass, 230 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-2303-N12FB)	27,376.55	874.97
22 51	23 00-0079	EA	1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD005-4603-N12FB)	6,234.85	208.94
22 51	23 00-0080	EA	3/4 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD007-4603-N12FB)	6,328.76	208.94
22 51	23 00-0081	EA	1 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD010-4603-N12FB)	6,446.95	208.94
22 51	23 00-0082	EA	1-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD015-4603-N12FB)	6,548.53	208.94
22 51	23 00-0083	EA	2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD020-4603-N12FB)	6,652.02	208.94
22 51	23 00-0084	EA	3 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD030-4603-N12FB)	6,761.28	208.94
22 51	23 00-0085	EA	5 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD050-4603-N12FB)	7,013.73	235.07
22 51	23 00-0086	EA	7-1/2 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD075-4603-N12FB)	7,381.86	293.83
22 51	23 00-0087	EA	10 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD100-4603-N12FB)	7,773.63	350.64
22 51	23 00-0088	EA	15 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD150-4603-N12FB)	9,099.13	408.10
22 51	23 00-0089	EA	20 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD200-4603-N12FB)	9,899.17	466.22
22 51	23 00-0090	EA	25 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD250-4603-N12FB)	10,830.07	581.14
22 51	23 00-0091	EA	30 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD300-4603-N12FB)	12,209.29	639.90
22 51	23 00-0092	EA	40 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD400-4603-N12FB)	14,471.71	698.67
22 51	23 00-0093	EA	50 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD500-4603-N12FB)	16,649.43	816.20
22 51	23 00-0094	EA	60 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD600-4603-N12FB)	18,543.87	874.97
22 51	23 00-0095	EA	75 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS AD750-4603-N12FB)	21,552.64	933.73
22 51	23 00-0096	EA	100 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC10-4603-N12FB)	28,478.89	989.24
22 51	23 00-0097	EA	125 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC13-4603-N12FB)	31,516.52	1,044.73
22 51	23 00-0098	EA	150 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC15-4603-N12FB)	39,628.70	1,168.79
22 51	23 00-0099	EA	200 HP, Fused Bypass, 460 Volt AC, NEMA 12, 3 Phase, Pool Pump Variable Frequency Drive (Pentair Acu Drive XS ADC20-4603-N12FB)	46,585.92	1,279.80
22 51	23 00-0100	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 3 Year Extended Warranty (Pentair AD-EWW136)	430.71	
22 51	23 00-0101	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 3 Year Extended Warranty (Pentair AD-EWW236)	687.30	
22 51	23 00-0102	EA	380+ Volt AC, Up To 10 HP, 260 Volt AC, Up To 3 HP, 6 Year Extended Warranty (Pentair AD-EWW172)	760.60	
22 51	23 00-0103	EA	380+ Volt AC, 15 To 40 HP, 260 Volt AC, 5 To 25 HP, 6 Year Extended Warranty (Pentair AD-EWW272)	1,292.12	
22 51	23 00-0104	EA	380+ Volt AC, 50 To 125 HP, 260 Volt AC, 30 To 60 HP, 6 Year Extended Warranty (Pentair AD-EWW372)	2,465.11	
22 51	23 00-0105	EA	3" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4203KIT)	1,533.10	
22 51	23 00-0106	EA	4" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97014-4204KIT)	1,602.62	
22 51	23 00-0107	EA	6" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4206KIT)	1,748.37	
22 51	23 00-0108	EA	8" Clamp On Saddle Flow Sensor Kit, Integral 4 To 20 mA Output Signal (Pentair 97016-4208KIT)	1,874.58	
22 51	23 00-0109	EA	3" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-03KIT)	2,197.87	
22 51	23 00-0110	EA	4" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97014BL-04KIT)	2,263.12	
22 51	23 00-0111	EA	6" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-06KIT)	2,402.10	
22 51	23 00-0112	EA	8" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97016BL-08KIT)	2,524.33	
22 51	23 00-0113	EA	10" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-10KIT)	3,018.44	
22 51	23 00-0114	EA	12" Clamp On Saddle Flow Sensor Kit, Wall Mounted Display/Transmitter, 4 To 20 mA Output Signal (Pentair 97020BL-12KIT)	3,029.16	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0115				Eco-Flow-E Aquatic Variable Frequency Drive And Options (22 51 23)		
22 51 23 00-0116				Eco-Flow-E Aquatic Variable Frequency Drive (22 51 23 00-0115)		
22 51 23 00-0117	EA			2 HP, 480 Volt, 3 Phase, 4 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-04-12-4).....	3,834.22	174.13
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0118	EA			3 HP, 480 Volt, 3 Phase, 6 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-06-12-4).....	3,837.94	174.13
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0119	EA			5 HP, 480 Volt, 3 Phase, 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-4).....	3,901.28	195.89
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0120	EA			7-1/2 HP, 480 Volt, 3 Phase, 12 Amperes, Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-4).....	4,040.07	244.86
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0121	EA			10 HP, 480 Volt, 3 Phase, 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-4).....	4,363.77	292.20
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0122	EA			15 HP, 480 Volt, 3 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-4).....	4,853.19	340.09
				<i>For Bypass Panel, Add</i>	1,012.05	
22 51 23 00-0123	EA			20 HP, 480 Volt, 3 Phase, 30 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-30-12-4).....	5,722.52	388.51
				<i>For Bypass Panel, Add</i>	1,012.05	
22 51 23 00-0124	EA			25 HP, 480 Volt, 3 Phase, 39 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-39-12-4).....	5,939.45	486.45
				<i>For Bypass Panel, Add</i>	1,012.05	
22 51 23 00-0125	EA			30 HP, 480 Volt, 3 Phase, 45 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-45-12-4).....	7,114.53	534.88
				<i>For Bypass Panel, Add</i>	1,012.05	
22 51 23 00-0126	EA			40 HP, 480 Volt, 3 Phase, 61 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-61-12-4).....	7,330.37	582.77
				<i>For Bypass Panel, Add</i>	1,234.81	
22 51 23 00-0127	EA			1/2 HP, 208/230 Volt, 1 Phase (1 HP, 208/230 Volt, 3 Phase) 8 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-08-12-2).....	3,813.18	174.13
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0128	EA			1 HP, 208/230 Volt, 1 Phase (2 HP, 208/230 Volt, 3 Phase) 12 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-12-12-2).....	3,818.13	174.13
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0129	EA			1-1/2 HP, 208/230 Volt, 1 Phase (3 HP, 208/230 Volt, 3 Phase) 16 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-16-12-2).....	3,841.65	174.13
				<i>For Bypass Panel, Add</i>	856.14	
22 51 23 00-0130	EA			5 HP, 208/230 Volt, 1 Phase, 24 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-24-12-2).....	3,921.09	195.89
				<i>For Bypass Panel, Add</i>	1,012.05	
22 51 23 00-0131	EA			3 HP, 208/230 Volt, 1 Phase (7-1/2 HP, 208/230 Volt, 3 Phase) 32 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-32-12-2).....	4,253.00	244.86
				<i>For Bypass Panel, Add</i>	1,012.05	
22 51 23 00-0132	EA			5 HP, 208/230 Volt, 1 Phase (10 HP, 208/230 Volt, 3 Phase) 46 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-46-12-2).....	4,737.62	292.20
				<i>For Bypass Panel, Add</i>	1,012.05	
22 51 23 00-0133	EA			7-1/2 HP, 208/230 Volt, 1 Phase (15 HP, 208/230 Volt, 3 Phase) 60 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-60-12-2).....	5,614.51	340.09
				<i>For Bypass Panel, Add</i>	1,234.81	
22 51 23 00-0134	EA			10 HP, 208/230 Volt, 1 Phase (20 HP, 208/230 Volt, 3 Phase) 74 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-74-12-2).....	5,734.90	388.51
				<i>For Bypass Panel, Add</i>	1,234.81	
22 51 23 00-0135	EA			25 HP, 208/230 Volt, 1 Phase, 88 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-88-12-2).....	7,000.34	486.45
				<i>For Bypass Panel, Add</i>	1,685.35	
22 51 23 00-0136	EA			15 HP, 208/230 Volt, 1 Phase (30 HP, 208/230 Volt, 3 Phase) 124 Amperes Maximum, NEMA 12, Eco-Flow-E Aquatic Variable Frequency Drive (H2Flow EF-E-124-12-2).....	7,218.52	534.88
				<i>For Bypass Panel, Add</i>	2,331.48	
22 51 23 00-0137				Eco-Flow-E Aquatic Variable Frequency Drive Options (22 51 23 00-0115)		
22 51 23 00-0138	EA			0 To 30 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-30).....	515.71	81.62
22 51 23 00-0139	EA			0 To 100 PSI, 1/4" NPT Male Thread, 4 To 20 mA Output, 10' Cable, Pressure Sensor (H2Flow PS-100).....	515.71	81.62
22 51 23 00-0140	EA			Lightning Arrestor (H2Flow LA).....	552.01	54.41
22 51 23 00-0141	EA			2 HP, 480 Volt, (3/4 HP, 208/230 Volt) Load Reactor (TCI V1K4A00).....	628.32	24.48
22 51 23 00-0142	EA			3 HP, 480 Volt, (1 To 1-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K6A00).....	648.61	27.21
22 51 23 00-0143	EA			5 HP, 480 Volt, (2 HP, 208/230 Volt) Load Reactor (TCI V1K8A00).....	663.96	29.93
22 51 23 00-0144	EA			7-1/2 HP, 480 Volt, (3 HP, 208/230 Volt) Load Reactor (TCI V1K12A00).....	692.93	32.65
22 51 23 00-0145	EA			10 HP, 480 Volt, (5 HP, 208/230 Volt) Load Reactor (TCI V1K16A00).....	705.78	35.37
22 51 23 00-0146	EA			15 HP, 480 Volt, (7-1/2 HP, 208/230 Volt) Load Reactor (TCI V1K25A00).....	922.92	38.09
22 51 23 00-0147	EA			20 HP, 480 Volt, Load Reactor (TCI V1K27A00).....	961.78	40.81
22 51 23 00-0148	EA			25 HP, 480 Volt, (10 HP, 208/230 Volt) Load Reactor (TCI V1K35A00).....	1,004.36	43.53
22 51 23 00-0149	EA			30 HP, 480 Volt, (15 HP, 208/230 Volt) Load Reactor (TCI V1K45A00).....	1,045.71	46.25
22 51 23 00-0150	EA			40 HP, 480 Volt, (20 HP, 208/230 Volt) Load Reactor (TCI V1K55A00).....	1,082.09	48.97
22 51 23 00-0151	EA			25 To 30 HP, 208/230 Volt, Load Reactor (TCI V1K80A00).....	1,491.09	51.69
22 51 23 00-0152	EA			1 HP, 208/230 Volt, Line Reactor (TCI KDRA25L).....	186.87	27.21
22 51 23 00-0153	EA			2 HP, 208/230 Volt, Line Reactor (TCI KDRA27L).....	199.74	29.93
22 51 23 00-0154	EA			3 HP, 208/230 Volt, Line Reactor (TCI KDRA28L).....	223.75	32.65

22 Plumbing**22 50 Pool and Fountain Plumbing Systems****22 51 Swimming Pool Plumbing Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 51 23 00-0155	EA		5 HP, 208/230 Volt, Line Reactor (TCI KDRB22L)	296.03	35.37
22 51 23 00-0156	EA		7-1/2 HP, 208/230 Volt, Line Reactor (TCI KDRB23L)	332.43	38.09
22 51 23 00-0157	EA		10 HP, 208/230 Volt, Line Reactor (TCI KDRD25L)	344.06	40.81
22 51 23 00-0158	EA		15 HP, 208/230 Volt, Line Reactor (TCI KDRD24L)	355.69	43.53
22 51 23 00-0159	EA		20 HP, 208/230 Volt, Line Reactor (TCI KDRD26L)	377.23	46.25
22 51 23 00-0160	EA		25 HP, 208/230 Volt, Line Reactor (TCI KDRC22L)	479.22	48.97
22 51 23 00-0161	EA		30 HP, 208/230 Volt, Line Reactor (TCI KDRF24L)	492.09	51.69
22 51 23 00-0162	EA		1 HP, 480 Volt, Line Reactor (TCI KDRA8L)	188.11	27.21
22 51 23 00-0163	EA		2 HP, 480 Volt, Line Reactor (TCI KDRA1L)	207.17	29.93
22 51 23 00-0164	EA		3 HP, 480 Volt, Line Reactor (TCI KDRA2L)	227.47	32.65
22 51 23 00-0165	EA		5 HP, 480 Volt, Line Reactor (TCI KDRA3L)	239.09	35.37
22 51 23 00-0166	EA		7-1/2 HP, 480 Volt, Line Reactor (TCI KDRA4L)	249.49	38.09
22 51 23 00-0167	EA		10 HP, 480 Volt, Line Reactor (TCI KDRA5L)	314.35	40.81
22 51 23 00-0168	EA		15 HP, 480 Volt, Line Reactor (TCI KDRB2L)	327.22	43.53
22 51 23 00-0169	EA		20 HP, 480 Volt, Line Reactor (TCI KDRB1L)	343.81	46.25
22 51 23 00-0170	EA		25 HP, 480 Volt, Line Reactor (TCI KDRD1L)	355.43	48.97
22 51 23 00-0171	EA		30 HP, 480 Volt, Line Reactor (TCI KDRD2L)	430.19	51.69
22 51 23 00-0172	EA		40 HP, 480 Volt, Line Reactor (TCI KDRC1L)	469.06	54.41
22 51 23 00-0173	EA		Models 04 To 30, 304 SS Metric To English Conduit Adaptor Kit	76.83	
22 51 23 00-0174	EA		Models 32 To 46, 304 SS Metric To English Conduit Adaptor Kit	105.15	
22 51 23 00-0175	EA		Models 60 To 74, 304 SS Metric To English Conduit Adaptor Kit	130.99	
22 51 23 00-0176			Pool Flow Meters <small>(22 51 23)</small>		
22 51 23 00-0177	EA		20 To 110 GPM, 1-1/2" Retrofit Kit FlowVis For Existing Jandy Or Praher Valve Flow Meter (H2Flow FVJ-R-15)	136.53	19.74
22 51 23 00-0178	EA		20 To 110 GPM, 2" x 2-1/2" Retrofit Kit FlowVis For Existing Jandy® Or Praher Valve Flow Meter (H2Flow FVJ-R)	136.53	19.74
22 51 23 00-0179	EA		20 To 110 GPM, 1-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C-15)	211.69	37.01
22 51 23 00-0180	EA		20 To 110 GPM, 2" x 2-1/2" Complete FlowVis Including Valve Body Flow Meter (H2Flow FV-C)	176.00	39.48
22 51 23 00-0181			Paddlewheel Flow Sensors <small>(22 51 23)</small>		
22 51 23 00-0182	EA		1/2" To 4" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P0)	923.92	62.85
			Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0183	EA		1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-PO)	1,232.16	62.85
22 51 23 00-0184	EA		1/2" To 4" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-PO)	1,232.16	62.85
22 51 23 00-0185	EA		1/2" To 4" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-PO)	1,280.44	62.85
22 51 23 00-0186	EA		1/2" To 4" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-PO)	1,332.43	62.85
22 51 23 00-0187	EA		1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-TO)	1,430.85	62.85
22 51 23 00-0188	EA		1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-TO)	1,430.85	62.85
22 51 23 00-0189	EA		1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-TO)	1,492.12	62.85
22 51 23 00-0190	EA		1/2" To 4" Pipe, Polyvinylidene Fluoride (PVDF) Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-TO)	1,551.54	62.85
22 51 23 00-0191	EA		>4" To 8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P1)	966.63	62.85
			Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0192	EA		>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch DCR Output Paddlewheel Flow Sensor (Signet 3-2537-1C-P1)	1,280.44	62.85
22 51 23 00-0193	EA		>4" To 8" Pipe, Polypropylene Body, Pulse/Flow Switch SSR Output Paddlewheel Flow Sensor (Signet 3-2537-2C-P1)	1,280.44	62.85
22 51 23 00-0194	EA		>4" To 8" Pipe, Polypropylene Body, Digital Output Paddlewheel Flow Sensor (Signet 3-2537-5C-P1)	1,332.43	62.85
22 51 23 00-0195	EA		>4" To 8" Pipe, Polypropylene Body, 4 To 20 mA Output Paddlewheel Flow Sensor (Signet 3-2537-6C-P1)	1,380.71	62.85
22 51 23 00-0196	EA		>8" Pipe, Polypropylene Body, Black Polyvinylidene Fluoride (PVDF) Rotor, Paddlewheel Flow Sensor (Signet 3-2536-P2)	1,005.62	62.85
			Note: Includes 25' of cable (extendable to 200').		
22 51 23 00-0197	EA		2" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S020)	314.61	
22 51 23 00-0198	EA		4" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S040)	434.88	
22 51 23 00-0199	EA		6" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S060)	534.73	
22 51 23 00-0200	EA		8" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S080)	656.87	
22 51 23 00-0201	EA		10" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S100)	869.98	
22 51 23 00-0202	EA		12" Pipe, Polyvinyl Chloride (PVC) Saddle Clamp For Flow Transducers (Signet PV8S120)	880.69	
22 51 23 00-0203	EA		24 Volt DC, Power Supply 7.5 Watt, 300 mA (Signet 7300-7524)	302.46	17.41
22 51 23 00-0204	EA		24 Volt DC, Power Supply 15 Watt, 600 mA (Signet 7300-1524)	419.44	17.41
22 51 23 00-0205	EA		24 Volt DC, 30 Watt, 1.3 Amperes, Power Supply (Signet 7300-3024)	519.71	17.41
22 51 23 00-0206	EA		24 Volt DC, 50 Watt, 2.1 Amperes, Power Supply (Signet 7300-5024)	660.84	17.41
22 51 23 00-0207	EA		24 Volt DC, 100 Watt, 4.2 Amperes, Power Supply (Signet 7300-1024)	920.80	17.41

22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities (22)

22 63 Gas Systems for Laboratory and Healthcare Facilities (22 60)

22 63 13 Gas Piping for Laboratory and Healthcare Facilities (22 63)

22 63 13 53 Laboratory Gas Piping (22 63 13)

See CSI section 23 21 13 23-0001 for black steel pipe, 23 21 13 23-2263 for PVC piping.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities (22 60)

22 66 53 Laboratory Chemical-Waste and Vent Piping (22 66)

22 66 53 00-0001	Polypropylene Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
22 66 53 00-0002	Schedule 40 Polypropylene Acid Resistant DWV Pipe And Fuseal Fittings <small>(22 66 53 00-0001)</small>		
22 66 53 00-0003	Schedule 40 Polypropylene Acid Resistant DWV Pipe <small>(22 66 53 00-0002)</small>		
22 66 53 00-0004	LF 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i> <i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i> <i>For Schedule 80, Add</i>	14.56 2.54 2.71 3.17	5.62
22 66 53 00-0005	LF 2" Schedule 40 Polypropylene Acid Resistant DWV Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i> <i>For Schedule 80, Add</i>	17.78 2.86 3.67 4.28	6.32
22 66 53 00-0006	LF 3" Schedule 40 Polypropylene Acid Resistant DWV Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i> <i>For Schedule 80, Add</i>	28.67 4.14 6.62 7.73	9.18
22 66 53 00-0007	LF 4" Schedule 40 Polypropylene Acid Resistant DWV Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i> <i>For Schedule 80, Add</i>	39.05 5.38 9.39 10.98	11.94
22 66 53 00-0008	LF 6" Schedule 40 Polypropylene Acid Resistant DWV Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Fire Retardant Thermoplastic Pipe (Proxylene), Add</i> <i>For Schedule 80, Add</i>	64.36 7.90 16.93 19.78	17.57
22 66 53 00-0009	Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0010	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend..... <i>For Work In Restricted Working Space, Add</i>	56.40 9.55	21.22
22 66 53 00-0011	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend..... <i>For Work In Restricted Working Space, Add</i>	72.50 12.60	28.03
22 66 53 00-0012	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend..... <i>For Work In Restricted Working Space, Add</i>	99.92 14.44	32.07
22 66 53 00-0013	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend..... <i>For Work In Restricted Working Space, Add</i>	146.10 19.10	42.44
22 66 53 00-0014	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/4 Bend..... <i>For Work In Restricted Working Space, Add</i>	296.57 28.20	62.68
22 66 53 00-0015	Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0016	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	55.98 9.55	21.22
22 66 53 00-0017	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	71.39 12.60	28.03
22 66 53 00-0018	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	102.04 14.44	32.07
22 66 53 00-0019	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	124.79 19.10	42.44
22 66 53 00-0020	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal 1/8 Bend..... <i>For Work In Restricted Working Space, Add</i>	263.55 28.20	62.68
22 66 53 00-0021	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0022	EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	98.57 20.42	45.40
22 66 53 00-0023	EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	122.37 25.75	57.24
22 66 53 00-0024	EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	167.10 28.20	62.68
22 66 53 00-0025	EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	232.85 37.01	82.31
22 66 53 00-0026	EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	415.11 59.22	131.66
22 66 53 00-0027	Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tees <small>(22 66 53 00-0002)</small>		
22 66 53 00-0028	EA 2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	122.32 25.75	57.24
22 66 53 00-0029	EA 3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	161.99 28.20	62.68
22 66 53 00-0030	EA 3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	157.46 28.20	62.68
22 66 53 00-0031	EA 4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	221.22 37.01	82.31

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0032	EA		4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	225.61 37.01	82.31
22 66 53 00-0033	EA		6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	382.71 59.22	131.66
22 66 53 00-0034			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tees With Plug <small>(22 66 53 00-0002)</small>		
22 66 53 00-0035	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	113.46 20.42	45.40
22 66 53 00-0036	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	125.97 25.75	57.24
22 66 53 00-0037	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	178.12 28.20	62.68
22 66 53 00-0038	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	237.93 37.01	82.31
22 66 53 00-0039	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Cleanout Tee With Plug <i>For Work In Restricted Working Space, Add</i>	352.28 59.22	131.66
22 66 53 00-0040			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0041	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye..... <i>For Work In Restricted Working Space, Add</i>	106.93 20.42	45.40
22 66 53 00-0042	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	130.11 25.75	57.24
22 66 53 00-0043	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	171.71 28.20	62.68
22 66 53 00-0044	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	236.68 37.01	82.31
22 66 53 00-0045	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Wye <i>For Work In Restricted Working Space, Add</i>	485.01 59.22	131.66
22 66 53 00-0046			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wyes <small>(22 66 53 00-0002)</small>		
22 66 53 00-0047	EA		2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	140.35 25.75	57.24
22 66 53 00-0048	EA		3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	166.46 28.20	62.68
22 66 53 00-0049	EA		3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	166.46 28.20	62.68
22 66 53 00-0050	EA		4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	232.14 37.01	82.31
22 66 53 00-0051	EA		4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	232.14 37.01	82.31
22 66 53 00-0052	EA		6" x 6" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	424.80 59.22	131.66
22 66 53 00-0053	EA		6" x 6" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	428.32 59.22	131.66
22 66 53 00-0054	EA		6" x 6" x 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Reducing Wye..... <i>For Work In Restricted Working Space, Add</i>	384.19 59.22	131.66
22 66 53 00-0055			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Crosses <small>(22 66 53 00-0002)</small>		
22 66 53 00-0056	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	132.89 25.52	56.75
22 66 53 00-0057	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	164.56 32.18	71.56
22 66 53 00-0058	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	232.10 35.25	78.37
22 66 53 00-0059	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	325.83 46.27	102.84
22 66 53 00-0060	EA		6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Sanitary Cross..... <i>For Work In Restricted Working Space, Add</i>	588.03 74.02	164.53
22 66 53 00-0061			Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bends <small>(22 66 53 00-0002)</small>		
22 66 53 00-0062	EA		1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	95.84 20.42	45.40
22 66 53 00-0063	EA		2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	126.41 25.75	57.24
22 66 53 00-0064	EA		3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	145.92 28.20	62.68
22 66 53 00-0065	EA		4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	204.13 37.01	82.31
22 66 53 00-0066	EA		2" x 2" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	114.33 25.75	57.24
22 66 53 00-0067	EA		3" x 3" x 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	141.06 28.20	62.68
22 66 53 00-0068	EA		3" x 3" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	143.01 28.20	62.68
22 66 53 00-0069	EA		4" x 4" x 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	196.91 37.01	82.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0070 EA 4" x 4" x 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	198.14 37.01	82.31
22 66 53 00-0071 Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Traps (22 66 53 00-0002)		
22 66 53 00-0072 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	113.79 23.69	52.71
22 66 53 00-0073 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	151.82 31.17	69.29
22 66 53 00-0074 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	235.29 42.30	94.06
22 66 53 00-0075 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal P-Trap <i>For Work In Restricted Working Space, Add</i>	337.89 53.84	119.72
22 66 53 00-0076 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapters (22 66 53 00-0002)		
22 66 53 00-0077 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	55.24 9.55	21.22
22 66 53 00-0078 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	66.39 12.60	28.03
22 66 53 00-0079 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	78.32 14.44	32.07
22 66 53 00-0080 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	107.16 19.10	42.44
22 66 53 00-0081 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Hub Adapter <i>For Work In Restricted Working Space, Add</i>	159.13 28.20	62.68
22 66 53 00-0082 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapters (22 66 53 00-0002)		
22 66 53 00-0083 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	52.30 9.55	21.22
22 66 53 00-0084 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	68.60 12.60	28.03
22 66 53 00-0085 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	82.39 14.44	32.07
22 66 53 00-0086 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	111.16 19.10	42.44
22 66 53 00-0087 Schedule 40 Polypropylene Acid Resistant DWV Fuseal Couplings (22 66 53 00-0002)		
22 66 53 00-0088 EA 1-1/2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	48.66 9.55	21.22
22 66 53 00-0089 EA 2" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	62.05 12.60	28.03
22 66 53 00-0090 EA 3" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	72.48 14.44	32.07
22 66 53 00-0091 EA 4" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	95.85 19.10	42.44
22 66 53 00-0092 EA 6" Schedule 40 Polypropylene Acid Resistant DWV Fuseal Coupling <i>For Work In Restricted Working Space, Add</i>	140.76 28.20	62.68
22 66 53 00-0093 Glass Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53)		
22 66 53 00-0094 Glass Acid Resistant DWV Pipe (22 66 53 00-0093)		
22 66 53 00-0095 LF 1-1/2" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	33.65 3.26	5.43
22 66 53 00-0096 LF 2" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	42.89 3.55	5.93
22 66 53 00-0097 LF 3" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	59.26 4.99	8.29
22 66 53 00-0098 LF 4" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	99.06 6.46	10.76
22 66 53 00-0099 LF 6" Glass Acid Resistant DWV Pipe <i>For Work In Restricted Working Space, Add</i>	168.37 8.81	14.71
22 66 53 00-0100 Glass Acid Resistant DWV 90 Or 60 Degree Sweeps (22 66 53 00-0093)		
22 66 53 00-0101 EA 1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	96.76 14.48	24.18
22 66 53 00-0102 EA 2" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	112.44 15.37	25.66
22 66 53 00-0103 EA 3" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	159.07 17.47	29.12
22 66 53 00-0104 EA 4" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	237.99 23.10	38.49
22 66 53 00-0105 EA 6" Glass Acid Resistant DWV 90 Or 60 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	597.28 31.98	53.30
22 66 53 00-0106 Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweeps (22 66 53 00-0093)		

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0107	EA		1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	96.96 14.54	24.28
22 66 53 00-0108	EA		2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	112.04 15.25	25.36
22 66 53 00-0109	EA		3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	158.87 17.41	29.02
22 66 53 00-0110	EA		4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	237.99 23.10	38.49
22 66 53 00-0111	EA		6" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Sweep <i>For Work In Restricted Working Space, Add</i>	597.26 31.97	53.30
22 66 53 00-0112			Glass Acid Resistant DWV 90 Or 60 Degree Bends (22 66 53 00-0093)		
22 66 53 00-0113	EA		1-1/2" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	98.28 14.54	24.28
22 66 53 00-0114	EA		2" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	113.63 15.25	25.36
22 66 53 00-0115	EA		3" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	161.65 17.41	29.02
22 66 53 00-0116	EA		4" Glass Acid Resistant DWV 90 Or 60 Degree Bend <i>For Work In Restricted Working Space, Add</i>	237.99 23.10	38.49
22 66 53 00-0117			Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bends (22 66 53 00-0093)		
22 66 53 00-0118	EA		1-1/2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	98.28 14.54	24.28
22 66 53 00-0119	EA		2" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	113.63 15.25	25.36
22 66 53 00-0120	EA		3" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	161.65 17.41	29.02
22 66 53 00-0121	EA		4" Glass Acid Resistant DWV 45 Or 22-1/2 Degree Bend <i>For Work In Restricted Working Space, Add</i>	237.99 23.10	38.49
22 66 53 00-0122			Glass Acid Resistant DWV 90 Degree Bends With Long Leg (22 66 53 00-0093)		
22 66 53 00-0123	EA		1-1/2" Glass Acid Resistant DWV 90 Degree Bend With Long Leg <i>For Work In Restricted Working Space, Add</i>	117.19 14.54	24.28
22 66 53 00-0124	EA		2" Glass Acid Resistant DWV 90 Degree Bends With Long Leg <i>For Work In Restricted Working Space, Add</i>	140.79 15.25	25.36
22 66 53 00-0125			Glass Acid Resistant DWV Double Quarter Bends (22 66 53 00-0093)		
22 66 53 00-0126	EA		1-1/2" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	159.36 21.81	36.32
22 66 53 00-0127	EA		2" x 1-1/2" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	206.38 22.56	37.61
22 66 53 00-0128	EA		2" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	189.94 22.88	38.10
22 66 53 00-0129	EA		3" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	263.31 26.12	43.52
22 66 53 00-0130	EA		4" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	445.01 34.64	57.74
22 66 53 00-0131	EA		6" Glass Acid Resistant DWV Double Quarter Bend <i>For Work In Restricted Working Space, Add</i>	688.88 47.97	79.94
22 66 53 00-0132			Glass Acid Resistant DWV Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0133	EA		1-1/2" Glass Acid Resistant DWV Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	151.22 21.91	36.52
22 66 53 00-0134	EA		2" Glass Acid Resistant DWV Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	154.18 22.80	38.00
22 66 53 00-0135	EA		3" Glass Acid Resistant DWV Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	203.47 26.06	43.42
22 66 53 00-0136	EA		4" Glass Acid Resistant DWV Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	324.70 34.64	57.74
22 66 53 00-0137	EA		6" Glass Acid Resistant DWV Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	720.40 47.97	79.94
22 66 53 00-0138			Glass Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0093)		
22 66 53 00-0139	EA		2" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	153.19 22.50	37.51
22 66 53 00-0140	EA		3" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	185.01 24.58	40.96
22 66 53 00-0141	EA		3" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	197.71 25.17	41.94
22 66 53 00-0142	EA		4" x 1-1/2" Glass Acid Resistant DWV Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	257.61 30.50	50.83
22 66 53 00-0143	EA		4" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	271.46 30.80	51.33
22 66 53 00-0144	EA		4" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	285.95 31.68	52.81
22 66 53 00-0145	EA		6" x 2" Glass Acid Resistant DWV Reducing Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	525.67 39.68	66.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0146 EA 6" x 3" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	569.71 40.57	67.60
22 66 53 00-0147 EA 6" x 4" Glass Acid Resistant DWV Reducing Sanitary Tee..... <i>For Work In Restricted Working Space, Add</i>	581.83 43.53	72.54
22 66 53 00-0148 Glass Acid Resistant DWV Double Sanitary Tees <small>(22 66 53 00-0093)</small>		
22 66 53 00-0149 EA 1-1/2" Glass Acid Resistant DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	216.65 29.02	48.36
22 66 53 00-0150 EA 2" Glass Acid Resistant DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	221.57 30.50	50.83
22 66 53 00-0151 EA 3" Glass Acid Resistant DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	292.70 34.94	58.23
22 66 53 00-0152 EA 4" Glass Acid Resistant DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	491.71 46.19	76.99
22 66 53 00-0153 EA 6" Glass Acid Resistant DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	901.98 63.96	106.59
22 66 53 00-0154 Glass Acid Resistant DWV Reducing Double Sanitary Tees <small>(22 66 53 00-0093)</small>		
22 66 53 00-0155 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	219.59 29.90	49.84
22 66 53 00-0156 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	256.99 31.98	53.30
22 66 53 00-0157 EA 3" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	273.15 32.57	54.28
22 66 53 00-0158 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	410.64 37.61	62.68
22 66 53 00-0159 EA 4" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	405.10 38.49	64.16
22 66 53 00-0160 EA 4" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	435.77 40.57	67.60
22 66 53 00-0161 EA 6" x 2" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	586.29 47.37	78.95
22 66 53 00-0162 EA 6" x 3" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	640.28 49.44	82.41
22 66 53 00-0163 EA 6" x 4" Glass Acid Resistant DWV Reducing Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	726.43 55.07	91.79
22 66 53 00-0164 Glass Acid Resistant DWV Tees <small>(22 66 53 00-0093)</small>		
22 66 53 00-0165 EA 1-1/2" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	169.78 21.92	36.52
22 66 53 00-0166 EA 2" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	172.72 22.80	38.00
22 66 53 00-0167 EA 3" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	226.51 26.06	43.42
22 66 53 00-0168 EA 4" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	360.86 34.64	57.74
22 66 53 00-0169 EA 6" Glass Acid Resistant DWV Tee..... <i>For Work In Restricted Working Space, Add</i>	763.75 47.97	79.94
22 66 53 00-0170 Glass Acid Resistant DWV Reducing Tees <small>(22 66 53 00-0093)</small>		
22 66 53 00-0171 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	171.73 22.50	37.51
22 66 53 00-0172 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	204.36 24.58	40.96
22 66 53 00-0173 EA 3" x 2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	209.11 25.17	41.94
22 66 53 00-0174 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	261.86 30.50	50.83
22 66 53 00-0175 EA 4" x 2" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	269.47 30.79	51.33
22 66 53 00-0176 EA 4" x 3" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	329.44 31.69	52.81
22 66 53 00-0177 EA 6" x 3" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	649.20 40.56	67.60
22 66 53 00-0178 EA 6" x 4" Glass Acid Resistant DWV Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	674.83 43.52	72.54
22 66 53 00-0179 Glass Acid Resistant DWV Test Tees With Cleanout <small>(22 66 53 00-0093)</small>		
22 66 53 00-0180 EA 1-1/2" Glass Acid Resistant DWV Test Tee With Cleanout <i>For Work In Restricted Working Space, Add</i>	201.58 21.92	36.52
22 66 53 00-0181 EA 2" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	226.65 22.80	38.00
22 66 53 00-0182 EA 3" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	294.49 26.06	43.42
22 66 53 00-0183 EA 4" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	515.77 34.64	57.74
22 66 53 00-0184 EA 6" Glass Acid Resistant DWV Test Tee With Cleanout..... <i>For Work In Restricted Working Space, Add</i>	763.75 47.97	79.94

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0185			Glass Acid Resistant DWV Wyes (22 66 53 00-0093)		
22 66 53 00-0186	EA		1-1/2" Glass Acid Resistant DWV Wye.....	155.20	36.52
			<i>For Work In Restricted Working Space, Add</i>	21.92	
22 66 53 00-0187	EA		2" Glass Acid Resistant DWV Wye.....	158.14	38.00
			<i>For Work In Restricted Working Space, Add</i>	22.80	
22 66 53 00-0188	EA		3" Glass Acid Resistant DWV Wye.....	219.36	43.42
			<i>For Work In Restricted Working Space, Add</i>	26.06	
22 66 53 00-0189	EA		4" Glass Acid Resistant DWV Wye.....	342.45	57.74
			<i>For Work In Restricted Working Space, Add</i>	34.64	
22 66 53 00-0190	EA		6" Glass Acid Resistant DWV Wye.....	708.23	79.94
			<i>For Work In Restricted Working Space, Add</i>	47.97	
22 66 53 00-0191			Glass Acid Resistant DWV Reducing Wyes (22 66 53 00-0093)		
22 66 53 00-0192	EA		2" x 1-1/2" Glass Acid Resistant DWV Reducing Wye.....	157.15	37.51
			<i>For Work In Restricted Working Space, Add</i>	22.50	
22 66 53 00-0193	EA		3" x 1-1/2" Glass Acid Resistant DWV Reducing Wye.....	193.23	40.96
			<i>For Work In Restricted Working Space, Add</i>	24.58	
22 66 53 00-0194	EA		3" x 2" Glass Acid Resistant DWV Reducing Wye.....	198.64	41.94
			<i>For Work In Restricted Working Space, Add</i>	25.17	
22 66 53 00-0195	EA		4" x 1-1/2" Glass Acid Resistant DWV Reducing Wye.....	273.52	50.83
			<i>For Work In Restricted Working Space, Add</i>	30.50	
22 66 53 00-0196	EA		4" x 2" Glass Acid Resistant DWV Reducing Wye.....	276.09	51.33
			<i>For Work In Restricted Working Space, Add</i>	30.79	
22 66 53 00-0197	EA		4" x 3" Glass Acid Resistant DWV Reducing Wye.....	301.61	52.81
			<i>For Work In Restricted Working Space, Add</i>	31.69	
22 66 53 00-0198	EA		6" x 2" Glass Acid Resistant DWV Reducing Wye.....	508.43	66.12
			<i>For Work In Restricted Working Space, Add</i>	39.67	
22 66 53 00-0199	EA		6" x 3" Glass Acid Resistant DWV Reducing Wye.....	594.07	67.60
			<i>For Work In Restricted Working Space, Add</i>	40.56	
22 66 53 00-0200	EA		6" x 4" Glass Acid Resistant DWV Reducing Wye.....	646.20	72.54
			<i>For Work In Restricted Working Space, Add</i>	43.52	
22 66 53 00-0201			Glass Acid Resistant DWV Double Wyes (22 66 53 00-0093)		
22 66 53 00-0202	EA		1-1/2" Glass Acid Resistant DWV Double Wye.....	256.66	48.36
			<i>For Work In Restricted Working Space, Add</i>	29.02	
22 66 53 00-0203	EA		2" Glass Acid Resistant DWV Double Wye.....	261.60	50.83
			<i>For Work In Restricted Working Space, Add</i>	30.50	
22 66 53 00-0204	EA		3" Glass Acid Resistant DWV Double Wye.....	354.82	58.23
			<i>For Work In Restricted Working Space, Add</i>	34.93	
22 66 53 00-0205	EA		4" Glass Acid Resistant DWV Double Wye.....	555.16	76.99
			<i>For Work In Restricted Working Space, Add</i>	46.18	
22 66 53 00-0206	EA		6" Glass Acid Resistant DWV Double Wye.....	936.28	106.59
			<i>For Work In Restricted Working Space, Add</i>	63.98	
22 66 53 00-0207			Glass Acid Resistant DWV Reducing Double Wyes (22 66 53 00-0093)		
22 66 53 00-0208	EA		2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye.....	259.60	49.84
			<i>For Work In Restricted Working Space, Add</i>	29.90	
22 66 53 00-0209	EA		3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye.....	266.52	53.30
			<i>For Work In Restricted Working Space, Add</i>	31.97	
22 66 53 00-0210	EA		3" x 2" Glass Acid Resistant DWV Reducing Double Wye.....	311.96	54.28
			<i>For Work In Restricted Working Space, Add</i>	32.57	
22 66 53 00-0211	EA		4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Wye.....	385.76	62.68
			<i>For Work In Restricted Working Space, Add</i>	37.61	
22 66 53 00-0212	EA		4" x 2" Glass Acid Resistant DWV Reducing Double Wye.....	408.30	64.16
			<i>For Work In Restricted Working Space, Add</i>	38.49	
22 66 53 00-0213	EA		4" x 3" Glass Acid Resistant DWV Reducing Double Wye.....	484.36	67.60
			<i>For Work In Restricted Working Space, Add</i>	40.56	
22 66 53 00-0214	EA		6" x 2" Glass Acid Resistant DWV Reducing Double Wye.....	762.68	78.95
			<i>For Work In Restricted Working Space, Add</i>	47.36	
22 66 53 00-0215	EA		6" x 3" Glass Acid Resistant DWV Reducing Double Wye.....	800.72	82.41
			<i>For Work In Restricted Working Space, Add</i>	49.45	
22 66 53 00-0216	EA		6" x 4" Glass Acid Resistant DWV Reducing Double Wye.....	854.08	91.79
			<i>For Work In Restricted Working Space, Add</i>	55.08	
22 66 53 00-0217			Glass Acid Resistant DWV Combination Wye And 1/8 Bends (22 66 53 00-0093)		
22 66 53 00-0218	EA		1-1/2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend.....	176.19	36.52
			<i>For Work In Restricted Working Space, Add</i>	21.92	
22 66 53 00-0219	EA		2" Glass Acid Resistant DWV Combination Wye And 1/8 Bend.....	180.01	38.00
			<i>For Work In Restricted Working Space, Add</i>	22.80	
22 66 53 00-0220	EA		3" Glass Acid Resistant DWV Combination Wye And 1/8 Bend.....	232.34	43.42
			<i>For Work In Restricted Working Space, Add</i>	26.06	
22 66 53 00-0221	EA		4" Glass Acid Resistant DWV Combination Wye And 1/8 Bend.....	349.20	57.74
			<i>For Work In Restricted Working Space, Add</i>	34.64	
22 66 53 00-0222	EA		6" Glass Acid Resistant DWV Combination Wye And 1/8 Bend.....	689.28	79.94
			<i>For Work In Restricted Working Space, Add</i>	47.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0223 Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0224 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	179.02 22.50	37.51
22 66 53 00-0225 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	196.54 24.58	40.96
22 66 53 00-0226 EA 3" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	211.89 25.17	41.94
22 66 53 00-0227 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	265.57 30.50	50.83
22 66 53 00-0228 EA 4" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	277.82 30.79	51.33
22 66 53 00-0229 EA 4" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	303.60 31.69	52.81
22 66 53 00-0230 EA 6" x 2" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	509.62 39.67	66.12
22 66 53 00-0231 EA 6" x 3" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	582.55 40.56	67.60
22 66 53 00-0232 EA 6" x 4" Glass Acid Resistant DWV Reducing Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	593.20 43.52	72.54
22 66 53 00-0233 Glass Acid Resistant DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0234 EA 1-1/2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	236.78 29.02	48.36
22 66 53 00-0235 EA 2" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	278.29 30.50	50.83
22 66 53 00-0236 EA 3" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	380.00 34.93	58.23
22 66 53 00-0237 EA 4" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	613.73 46.18	76.99
22 66 53 00-0238 EA 6" Double Glass Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	1,029.77 63.98	106.59
22 66 53 00-0239 Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0093)</small>		
22 66 53 00-0240 EA 2" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	242.77 29.90	49.84
22 66 53 00-0241 EA 3" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	313.42 31.97	53.30
22 66 53 00-0242 EA 3" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	307.72 32.57	54.28
22 66 53 00-0243 EA 4" x 1-1/2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	418.35 37.61	62.68
22 66 53 00-0244 EA 4" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	413.47 38.49	64.16
22 66 53 00-0245 EA 4" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	465.94 40.56	67.60
22 66 53 00-0246 EA 6" x 2" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	677.30 47.36	78.95
22 66 53 00-0247 EA 6" x 3" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	722.54 49.45	82.41
22 66 53 00-0248 EA 6" x 4" Glass Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend <i>For Work In Restricted Working Space, Add</i>	844.80 55.08	91.79
22 66 53 00-0249 Glass Acid Resistant DWV Partition Crosses (Compact) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0250 EA 2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	269.27 29.90	49.84
22 66 53 00-0251 EA 2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	271.27 30.50	50.83
22 66 53 00-0252 EA 2" x 1-1/2" x 1-1/2" x 1-1/2" Glass Acid Resistant DWV Partition Cross (Compact) <i>For Work In Restricted Working Space, Add</i>	292.96 29.61	49.35
22 66 53 00-0253 Glass Acid Resistant DWV Upright Y Or H (Vent Branch) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0254 EA 1-1/2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	271.02 21.92	36.52
22 66 53 00-0255 EA 2" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	299.80 22.80	38.00
22 66 53 00-0256 EA 3" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	345.11 26.06	43.42
22 66 53 00-0257 EA 4" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	509.54 34.64	57.74
22 66 53 00-0258 EA 6" Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	971.78 47.97	79.94
22 66 53 00-0259 Glass Acid Resistant DWV Reducing Upright Y Or H (Vent Branch) <small>(22 66 53 00-0093)</small>		
22 66 53 00-0260 EA 2" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch) <i>For Work In Restricted Working Space, Add</i>	272.17 22.50	37.51

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities**

22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0261	EA		3" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	311.69 24.58	40.96
22 66 53 00-0262	EA		3" x 2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	332.87 25.17	41.94
22 66 53 00-0263	EA		4" x 1-1/2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	384.83 30.50	50.83
22 66 53 00-0264	EA		4" x 2" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	408.73 30.79	51.33
22 66 53 00-0265	EA		4" x 3" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	450.94 31.69	52.81
22 66 53 00-0266	EA		6" x 3" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	654.63 40.56	67.60
22 66 53 00-0267	EA		6" x 4" Reducing Glass Upright Y Or H (Vent Branch)..... <i>For Work In Restricted Working Space, Add</i>	748.23 43.52	72.54
22 66 53 00-0268			Glass Acid Resistant DWV Reducers Or Increasesers <small>(22 66 53 00-0093)</small>		
22 66 53 00-0269	EA		2" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	91.75 14.81 3.39	24.68
22 66 53 00-0270	EA		3" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	116.24 15.99 5.04	26.65
22 66 53 00-0271	EA		3" x 2" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	124.77 16.28 5.64	27.14
22 66 53 00-0272	EA		4" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	161.62 18.95 7.88	31.58
22 66 53 00-0273	EA		4" x 2" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	168.71 19.25 8.36	32.07
22 66 53 00-0274	EA		4" x 3" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	180.14 20.13 9.04	33.56
22 66 53 00-0275	EA		6" x 1-1/2" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	364.19 23.39 22.90	38.99
22 66 53 00-0276	EA		6" x 2" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	383.32 23.69 24.35	39.48
22 66 53 00-0277	EA		6" x 3" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	407.09 24.58 26.01	40.96
22 66 53 00-0278	EA		6" x 4" Glass Acid Resistant DWV Reducer Or Increase..... <i>For Work In Restricted Working Space, Add</i> <i>For Eccentric Reducers Or Increasesers, Add</i>	426.37 27.54 26.77	45.89
22 66 53 00-0279			Glass Acid Resistant DWV Swivel P-Traps <small>(22 66 53 00-0093)</small>		
22 66 53 00-0280	EA		1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	222.24 21.91	36.52
22 66 53 00-0281	EA		2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	238.39 22.50	37.51
22 66 53 00-0282	EA		2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	269.20 22.80	38.00
22 66 53 00-0283	EA		1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	241.59 21.91	36.52
22 66 53 00-0284	EA		2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	263.04 22.50	37.51
22 66 53 00-0285	EA		2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	297.02 22.80	38.00
22 66 53 00-0286	EA		1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	246.89 21.91	36.52
22 66 53 00-0287	EA		2" x 1-1/2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	263.04 22.50	37.51
22 66 53 00-0288	EA		2" Glass Acid Resistant DWV Swivel P-Trap..... <i>For Work In Restricted Working Space, Add</i>	297.02 22.80	38.00
22 66 53 00-0289			Glass Acid Resistant DWV Drum P-Traps <small>(22 66 53 00-0093)</small>		
22 66 53 00-0290	EA		1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	307.05 21.91	36.52
22 66 53 00-0291	EA		2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	389.05 22.50	37.51
22 66 53 00-0292	EA		2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	400.64 22.80	38.00
22 66 53 00-0293	EA		1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	339.25 21.91	36.52
22 66 53 00-0294	EA		2" x 1-1/2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	360.03 22.50	37.51
22 66 53 00-0295	EA		2" Glass Acid Resistant DWV Drum P-Trap..... <i>For Work In Restricted Working Space, Add</i>	406.87 22.80	38.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0296 Glass Acid Resistant DWV Cleanout Plugs (22 66 53 00-0093)		
22 66 53 00-0297 EA 1-1/2" Glass Acid Resistant DWV Cleanout Plug <i>For Work In Restricted Working Space, Add</i>	44.42 7.40	12.34
22 66 53 00-0298 EA 2" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	50.57 7.70	12.83
22 66 53 00-0299 EA 3" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	64.27 8.59	14.31
22 66 53 00-0300 EA 4" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	102.62 11.55	19.24
22 66 53 00-0301 EA 6" Glass Acid Resistant DWV Cleanout Plug..... <i>For Work In Restricted Working Space, Add</i>	146.98 15.99	26.65
22 66 53 00-0302 Glass Acid Resistant DWV Sink Fittings (22 66 53 00-0093)		
22 66 53 00-0303 EA 1-1/2" Glass Acid Resistant DWV Interceptor Trap <i>For Work In Restricted Working Space, Add</i>	662.66 29.02	48.36
22 66 53 00-0304 EA 1-1/2" x 6-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly <i>For Work In Restricted Working Space, Add</i>	61.38 7.40	12.34
22 66 53 00-0305 EA 1-1/2" x 10-1/2" Long Glass Acid Resistant DWV Tailpiece Assembly <i>For Work In Restricted Working Space, Add</i>	68.41 7.40	12.34
22 66 53 00-0306 EA 1-1/2" Split Coupling (Threaded To Beaded Pipe) For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	92.81 14.81	24.68
22 66 53 00-0307 EA 3" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	196.43 15.40	25.66
22 66 53 00-0308 EA 6" Diameter Hemispherical Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings..... <i>For Work In Restricted Working Space, Add</i>	199.08 15.40	25.66
22 66 53 00-0309 EA 3" x 9" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	225.58 15.40	25.66
22 66 53 00-0310 EA 3" x 6" Oval Glass Beaded Outlet For Glass Acid Resistant DWV Pipe And Fittings <i>For Work In Restricted Working Space, Add</i>	182.11 15.40	25.66
22 66 53 00-0311 Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapters (22 66 53 00-0093) Note: Includes teflon spacer.		
22 66 53 00-0312 EA 1-1/2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	171.15 21.85	36.42
22 66 53 00-0313 EA 2" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	178.55 22.92	38.19
22 66 53 00-0314 EA 3" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	250.05 26.12	43.52
22 66 53 00-0315 EA 4" Glass Acid Resistant DWV Pipe To High Silicon Cast Iron Pipe Mechanical Joint Adapter <i>For Work In Restricted Working Space, Add</i>	358.19 34.67	57.84
22 66 53 00-0316 Bead To Bead Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings (22 66 53 00-0093) Note: Includes segmented stainless steel outer band, Buna-N rubber compression liner with TFE seal ring, stainless steel bolt and silver plated stainless hex nut.		
22 66 53 00-0317 EA 1-1/2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	33.26	
22 66 53 00-0318 EA 2" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	41.96	
22 66 53 00-0319 EA 3" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	56.10	
22 66 53 00-0320 EA 4" Bead To Bead Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	94.52	
22 66 53 00-0321 EA 6" Bead To Bead, Stainless Steel, TFE Seal Ring Couplings, Glass Piping.....	220.18	
22 66 53 00-0322 Bead To Plain End Drainline Couplings For Glass Acid Resistant DWV Pipe And Fittings (22 66 53 00-0093) Note: Includes stainless steel band with bolt, Buna-N rubber compression liner with TFE seal ring and silver plated stainless hex nut.		
22 66 53 00-0323 EA 1-1/2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	42.89	
22 66 53 00-0324 EA 2" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	53.67	
22 66 53 00-0325 EA 3" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	91.12	
22 66 53 00-0326 EA 4" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	135.82	
22 66 53 00-0327 EA 6" Bead To Plain End Drainline Coupling For Glass Acid Resistant DWV Pipe And Fittings.....	331.17	
22 66 53 00-0328 Bell And Spigot High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings (22 66 53) Note: Acid resistant. ASTM A518.		
22 66 53 00-0329 Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe (22 66 53 00-0328)		
22 66 53 00-0330 LF 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	131.64	8.78
22 66 53 00-0331 LF 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	186.11	10.96
22 66 53 00-0332 LF 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	254.60	12.63
22 66 53 00-0333 LF 6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	419.95	17.88
22 66 53 00-0334 LF 8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	745.39	23.91
22 66 53 00-0335 LF 10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	1,325.44	30.16
22 66 53 00-0336 LF 12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	2,371.19	40.63
22 66 53 00-0337 LF 15" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe	4,238.67	46.58

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0338			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Fittings (22 66 53 00-0328)		
22 66 53 00-0339			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweeps (22 66 53 00-0338)		
22 66 53 00-0340	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	502.13	74.81
22 66 53 00-0341	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	665.74	82.31
22 66 53 00-0342	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,102.49	98.50
22 66 53 00-0343	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	1,660.71	118.08
22 66 53 00-0344	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Long Sweep	3,861.93	192.18
22 66 53 00-0345			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends (22 66 53 00-0338)		
22 66 53 00-0346	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	273.52	74.81
22 66 53 00-0347	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	365.43	82.31
22 66 53 00-0348	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	461.52	98.50
22 66 53 00-0349	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	1,306.60	118.08
22 66 53 00-0350	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	3,008.93	192.18
22 66 53 00-0351	EA		10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	4,600.91	239.43
22 66 53 00-0352	EA		12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend	6,794.52	287.93
22 66 53 00-0353			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends (22 66 53 00-0338)		
22 66 53 00-0354	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	273.52	74.81
22 66 53 00-0355	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	365.43	82.31
22 66 53 00-0356	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	461.52	98.50
22 66 53 00-0357	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	939.05	118.08
22 66 53 00-0358	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	2,533.80	192.18
22 66 53 00-0359	EA		10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	3,727.52	239.43
22 66 53 00-0360	EA		12" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend	5,316.01	287.93
22 66 53 00-0361			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends (22 66 53 00-0338)		
22 66 53 00-0362	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	273.52	74.81
22 66 53 00-0363	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	365.43	82.31
22 66 53 00-0364	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend	461.29	98.40
22 66 53 00-0365			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweeps (22 66 53 00-0338)		
22 66 53 00-0366	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	390.07	74.81
22 66 53 00-0367	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	719.53	82.31
22 66 53 00-0368	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Short Sweep	802.17	98.50
22 66 53 00-0369			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tees (22 66 53 00-0338)		
22 66 53 00-0370	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	383.01	111.93
22 66 53 00-0371	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	490.81	124.06
22 66 53 00-0372	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	697.27	148.14
22 66 53 00-0373	EA		6" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	1,207.34	177.45
22 66 53 00-0374	EA		8" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	3,843.66	288.51
22 66 53 00-0375	EA		10" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Sanitary Tee	5,486.23	360.26
22 66 53 00-0376			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tees (22 66 53 00-0338)		
22 66 53 00-0377	EA		2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	358.10	107.29
22 66 53 00-0378	EA		3" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	423.73	115.18
22 66 53 00-0379	EA		3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	479.06	119.22
22 66 53 00-0380	EA		4" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	551.50	131.66
22 66 53 00-0381	EA		4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	593.65	135.80
22 66 53 00-0382	EA		4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	657.85	139.86
22 66 53 00-0383	EA		6" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	836.10	153.55
22 66 53 00-0384	EA		6" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	935.42	157.51
22 66 53 00-0385	EA		6" x 4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Sanitary Tee	1,053.84	164.75
22 66 53 00-0386			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tees (22 66 53 00-0338)		
22 66 53 00-0387	EA		2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	445.71	111.93
22 66 53 00-0388	EA		3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	544.12	123.77
22 66 53 00-0389	EA		4" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Tee	755.50	148.14
22 66 53 00-0390			Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tees (22 66 53 00-0338)		
22 66 53 00-0391	EA		2" x 1-1/2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	420.83	107.29
22 66 53 00-0392	EA		3" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	533.69	119.82
22 66 53 00-0393	EA		4" x 2" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	648.01	136.21
22 66 53 00-0394	EA		4" x 3" Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Reducing Tee	698.81	140.25

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0455			Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0328)</small>		
			Note: Labor costs for installation of lead and oakum are included in the installation costs for fittings.		
22 66 53 00-0456	LB		Lead (1 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings.....	7.19	
22 66 53 00-0457	LB		Seal-Tite Packing (1/8 LB/Diameter Inch) Joint Material For Bell And Spigot High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings.....	82.18	
22 66 53 00-0458			Mechanical Joint High Silicon Iron Alloy Acid Resistant Drain-Waste-Vent (DWV) Pipe And Fittings <small>(22 66 53)</small>		
			Note: ASTM A518.		
22 66 53 00-0459			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe <small>(22 66 53 00-0458)</small>		
22 66 53 00-0460	LF		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	104.67	6.61
22 66 53 00-0461	LF		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	119.22	7.31
22 66 53 00-0462	LF		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	164.95	9.18
22 66 53 00-0463	LF		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe.....	208.66	10.66
22 66 53 00-0464			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Fittings <small>(22 66 53 00-0459)</small>		
22 66 53 00-0465			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweeps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0466	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	369.95	52.40
22 66 53 00-0467	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	398.10	59.22
22 66 53 00-0468	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	555.11	65.34
22 66 53 00-0469	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Long Sweep.....	669.77	78.95
22 66 53 00-0470			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0471	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	195.14	52.40
22 66 53 00-0472	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	235.83	58.62
22 66 53 00-0473	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	308.93	65.54
22 66 53 00-0474	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	408.90	78.37
22 66 53 00-0475	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/4 Bend.....	230.94	55.37
22 66 53 00-0476			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0477	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	195.14	52.40
22 66 53 00-0478	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	235.83	58.62
22 66 53 00-0479	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	308.93	65.54
22 66 53 00-0480	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/8 Bend.....	408.90	78.37
22 66 53 00-0481			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0482	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	235.48	52.40
22 66 53 00-0483	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	298.58	58.62
22 66 53 00-0484	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	474.78	65.54
22 66 53 00-0485	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/6 Bend.....	529.93	78.37
22 66 53 00-0486			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0487	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	226.52	52.40
22 66 53 00-0488	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	271.69	58.62
22 66 53 00-0489	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	434.44	65.54
22 66 53 00-0490	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV 1/16 Bend.....	489.59	78.37
22 66 53 00-0491			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0492	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Branch 1/4 Bend.....	342.36	78.86
22 66 53 00-0493			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0494	EA		1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	270.64	78.86
22 66 53 00-0495	EA		2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	339.36	88.83
22 66 53 00-0496	EA		3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	457.69	98.99
22 66 53 00-0497	EA		4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Straight Tee.....	711.05	118.54
22 66 53 00-0498			Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0499	EA		2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	316.42	85.48
22 66 53 00-0500	EA		3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	393.64	92.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0501 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Sanitary Reducing Tee.....	420.95	95.44
22 66 53 00-0502 EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee	449.19	105.31
22 66 53 00-0503 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	498.54	108.28
22 66 53 00-0504 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Reducing Tee.....	543.80	111.53
22 66 53 00-0505 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0506 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	271.03	79.16
22 66 53 00-0507 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	321.43	88.83
22 66 53 00-0508 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	439.76	98.99
22 66 53 00-0509 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Wye.....	711.05	118.54
22 66 53 00-0510 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0511 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	303.63	85.97
22 66 53 00-0512 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	380.18	92.09
22 66 53 00-0513 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	398.96	95.74
22 66 53 00-0514 EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye	449.66	105.61
22 66 53 00-0515 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	499.43	108.86
22 66 53 00-0516 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Wye.....	530.77	111.82
22 66 53 00-0517 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wyes <small>(22 66 53 00-0464)</small>		
22 66 53 00-0518 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	413.53	105.41
22 66 53 00-0519 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	536.39	118.64
22 66 53 00-0520 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	698.79	131.27
22 66 53 00-0521 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	917.94	157.82
22 66 53 00-0522 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	458.76	111.62
22 66 53 00-0523 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	517.92	118.24
22 66 53 00-0524 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	626.38	124.76
22 66 53 00-0525 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	691.21	138.17
22 66 53 00-0526 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Wye	845.14	145.19
22 66 53 00-0527 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Crosses <small>(22 66 53 00-0464)</small>		
22 66 53 00-0528 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	467.26	105.41
22 66 53 00-0529 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	554.08	118.44
22 66 53 00-0530 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	816.45	131.96
22 66 53 00-0531 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	1,155.74	158.02
22 66 53 00-0532 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	503.53	111.62
22 66 53 00-0533 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	674.76	118.24
22 66 53 00-0534 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	711.48	124.76
22 66 53 00-0535 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	758.39	138.08
22 66 53 00-0536 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Sanitary Cross	983.32	144.59
22 66 53 00-0537 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0538 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend.....	306.10	78.56
22 66 53 00-0539 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	357.29	88.83
22 66 53 00-0540 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	439.76	98.99
22 66 53 00-0541 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Wye And 1/8 Bend	760.36	118.54
22 66 53 00-0542 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0543 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	338.91	85.57
22 66 53 00-0544 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	380.57	92.38
22 66 53 00-0545 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	416.89	95.74
22 66 53 00-0546 EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend	579.65	105.61
22 66 53 00-0547 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	593.56	108.86
22 66 53 00-0548 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Combination Wye And 1/8 Bend.....	669.72	111.82
22 66 53 00-0549 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0550 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	498.42	105.21
22 66 53 00-0551 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	634.67	118.34
22 66 53 00-0552 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	936.77	131.56
22 66 53 00-0553 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Double Combination Wye And 1/8 Bend.....	1,124.88	158.31
22 66 53 00-0554 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0464)</small>		

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0555 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	543.87	111.62
22 66 53 00-0556 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	661.29	118.14
22 66 53 00-0557 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	689.06	124.76
22 66 53 00-0558 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	767.35	138.08
22 66 53 00-0559 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducing Double Combination Wye And 1/8 Bend	983.32	144.59
22 66 53 00-0560 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducers-Increasers <small>(22 66 53 00-0464)</small>		
22 66 53 00-0561 EA 2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	231.77	55.96
22 66 53 00-0562 EA 3" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	263.59	59.22
22 66 53 00-0563 EA 3" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	309.77	69.09
22 66 53 00-0564 EA 4" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	376.31	65.64
22 66 53 00-0565 EA 4" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	399.17	68.89
22 66 53 00-0566 EA 4" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Reducer-Increaser	422.02	72.15
22 66 53 00-0567 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tees <small>(22 66 53 00-0464)</small>		
22 66 53 00-0568 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	217.01	46.09
22 66 53 00-0569 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	252.95	52.11
22 66 53 00-0570 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	299.10	59.02
22 66 53 00-0571 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Combination Cleanout And Test Tee	564.96	71.85
22 66 53 00-0572 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plugs <small>(22 66 53 00-0464)</small>		
22 66 53 00-0573 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	93.09	26.26
22 66 53 00-0574 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	111.19	29.31
22 66 53 00-0575 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	120.85	32.77
22 66 53 00-0576 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe Plug	157.38	39.18
22 66 53 00-0577 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0578 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	414.32	52.11
22 66 53 00-0579 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	424.09	58.62
22 66 53 00-0580 EA 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	528.57	65.54
22 66 53 00-0581 EA 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV P-Trap	677.84	78.37
22 66 53 00-0582 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	585.99	56.06
22 66 53 00-0583 EA 2" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	815.52	62.57
22 66 53 00-0584 EA 3" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	991.06	69.09
22 66 53 00-0585 EA 4" Mechanical Joint High Silicon Iron Alloy Running Acid Resistant DWV P-Trap	1,234.99	82.31
22 66 53 00-0586 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0587 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	792.92	59.51
22 66 53 00-0588 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum P-Trap	1,268.60	65.83
22 66 53 00-0589 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	828.42	59.22
22 66 53 00-0590 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Centrifugal Drum S-Trap	1,268.60	65.83
22 66 53 00-0591 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Traps <small>(22 66 53 00-0464)</small>		
22 66 53 00-0592 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	734.29	59.22
22 66 53 00-0593 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Short P-Trap	865.18	65.83
22 66 53 00-0594 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long P-Trap	855.31	59.22
22 66 53 00-0595 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,918.54	65.83
22 66 53 00-0596 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Swivel Type Long S-Trap	1,125.16	65.83
22 66 53 00-0597 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bends <small>(22 66 53 00-0464)</small>		
22 66 53 00-0598 EA 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	289.62	52.71
22 66 53 00-0599 EA 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Return Bend	384.66	59.22
22 66 53 00-0600 Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapters <small>(22 66 53 00-0464)</small>		
22 66 53 00-0601 EA 1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	139.90	39.48
22 66 53 00-0602 EA 1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	274.83	42.84
22 66 53 00-0603 EA 2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Threaded Adapter	190.57	49.35

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0604	Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter <small>(22 66 53 00-0464)</small>	
22 66 53 00-0605 EA	1-1/2" x 1-1/2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	272.51 56.15
22 66 53 00-0606 EA	1-1/2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	299.45 59.22
22 66 53 00-0607 EA	1-1/2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	335.76 62.47
22 66 53 00-0608 EA	1-1/2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	358.82 68.89
22 66 53 00-0609 EA	2" x 2" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	335.81 62.57
22 66 53 00-0610 EA	2" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	354.14 65.83
22 66 53 00-0611 EA	2" x 4" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	381.67 72.15
22 66 53 00-0612 EA	3" x 3" Mechanical Joint High Silicon Iron Alloy Acid Resistant Hub To Mechanical Joint Adapter	439.81 69.09
22 66 53 00-0613 EA	4" x 4" Mechanical Joint High Silicon Iron Alloy Hub To Mechanical Joint Adapter	544.72 82.31
22 66 53 00-0614	Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fittings <small>(22 66 53 00-0464)</small>	
22 66 53 00-0615 EA	1-1/2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	107.58
22 66 53 00-0616 EA	2" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	125.51
22 66 53 00-0617 EA	3" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	134.47
22 66 53 00-0618 EA	4" Mechanical Joint Couplings For Mechanical Joint High Silicon Iron Alloy Acid Resistant DWV Pipe And Fitting.....	147.92
22 66 53 00-0619	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Fittings <small>(22 66 53 00-0464)</small>	
22 66 53 00-0620 EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Outlet.....	779.07 26.35
22 66 53 00-0621 EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Stopper.....	293.16 13.12
22 66 53 00-0622 EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sink Overflow	553.14 13.12
22 66 53 00-0623	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drains With Stainless Steel Strainer Plates <small>(22 66 53 00-0464)</small>	
22 66 53 00-0624 EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain With Stainless Steel Strainer.....	2,770.27 131.66
22 66 53 00-0625 EA	Mechanical Joint High Silicon Iron Alloy Acid Resistant Sediment Basin Floor Drain With Stainless Steel Strainer.....	3,434.56 138.27
22 66 53 00-0626 EA	Stainless Steel Funnel Attachment For Mechanical Joint High Silicon Iron Alloy Acid Resistant Floor Drain	2,359.52 13.12
22 66 53 00-0627	Chlorinated Polyvinyl Chloride (CPVC) Drain-Waste-Vent (DWV) Pipe And Fittings (ASTM F2618) <small>(22 66 53)</small>	
22 66 53 00-0628	Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe <small>(22 66 53 00-0627)</small> Note: Excludes fittings or hangers.	
22 66 53 00-0629 LF	1-1/2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	15.22 4.14
22 66 53 00-0630 LF	2" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	19.63 4.94
22 66 53 00-0631 LF	3" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	32.70 7.11
22 66 53 00-0632 LF	4" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	42.84 7.70
22 66 53 00-0633 LF	6" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	70.66 9.40
22 66 53 00-0634 LF	8" Schedule 40 Chlorinated Polyvinyl Chloride (CPVC) DWV Pipe.....	162.65 12.51
22 66 53 00-0635	Chlorinated Polyvinyl Chloride (CPVC) DWV Fittings <small>(22 66 53 00-0627)</small>	
22 66 53 00-0636	Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends <small>(22 66 53 00-0635)</small>	
22 66 53 00-0637 EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends.....	59.34 16.48
	Note: 0.125	
	<i>For Work In Restricted Working Space, Add</i>	7.40
22 66 53 00-0638 EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	74.63 21.03
	Note: 0.16	
	<i>For Work In Restricted Working Space, Add</i>	9.47
22 66 53 00-0639 EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	115.56 28.22
	Note: 0.215	
	<i>For Work In Restricted Working Space, Add</i>	12.73
22 66 53 00-0640 EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	165.67 32.87
	Note: 0.25	
	<i>For Work In Restricted Working Space, Add</i>	14.81
22 66 53 00-0641 EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	365.19 42.74
	Note: 0.325	
	<i>For Work In Restricted Working Space, Add</i>	19.25
22 66 53 00-0642 EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/4 Bends	505.94 57.55
	Note: 0.438	
	<i>For Work In Restricted Working Space, Add</i>	25.91
22 66 53 00-0643	Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends <small>(22 66 53 00-0635)</small>	
22 66 53 00-0644 EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	60.54 16.48
	<i>For Work In Restricted Working Space, Add</i>	7.40
22 66 53 00-0645 EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	80.46 21.03
	<i>For Work In Restricted Working Space, Add</i>	9.47
22 66 53 00-0646 EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	126.06 28.22
	<i>For Work In Restricted Working Space, Add</i>	12.73
22 66 53 00-0647 EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Long Sweep 1/4 Bends	169.53 32.87
	<i>For Work In Restricted Working Space, Add</i>	14.81

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0648			Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends <small>(22 66 53 00-0635)</small>		
22 66 53 00-0649	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends.....	58.73	16.48
			<i>For Work In Restricted Working Space, Add</i>	7.40	
22 66 53 00-0650	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends.....	73.06	21.03
			<i>For Work In Restricted Working Space, Add</i>	9.47	
22 66 53 00-0651	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends.....	118.57	28.22
			<i>For Work In Restricted Working Space, Add</i>	12.73	
22 66 53 00-0652	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends.....	135.63	32.87
			<i>For Work In Restricted Working Space, Add</i>	14.81	
22 66 53 00-0653	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends.....	316.15	42.74
			<i>For Work In Restricted Working Space, Add</i>	19.25	
22 66 53 00-0654	EA		8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/8 Bends.....	449.71	57.55
			<i>For Work In Restricted Working Space, Add</i>	25.91	
22 66 53 00-0655			Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends <small>(22 66 53 00-0635)</small>		
22 66 53 00-0656	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends.....	59.41	16.48
			<i>For Work In Restricted Working Space, Add</i>	7.40	
22 66 53 00-0657	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends.....	73.01	21.03
			<i>For Work In Restricted Working Space, Add</i>	9.47	
22 66 53 00-0658	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends.....	117.32	28.22
			<i>For Work In Restricted Working Space, Add</i>	12.73	
22 66 53 00-0659	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends.....	145.42	32.87
			<i>For Work In Restricted Working Space, Add</i>	14.81	
22 66 53 00-0660	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends.....	256.24	42.74
			<i>For Work In Restricted Working Space, Add</i>	19.25	
22 66 53 00-0661	EA		8" Chlorinated Polyvinyl Chloride (CPVC) DWV 1/16 Bends.....	284.42	57.55
			<i>For Work In Restricted Working Space, Add</i>	25.91	
22 66 53 00-0662			Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends <small>(22 66 53 00-0635)</small>		
22 66 53 00-0663	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends.....	347.80	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 66 53 00-0664	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends.....	269.62	31.58
			<i>For Work In Restricted Working Space, Add</i>	14.21	
22 66 53 00-0665	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double 1/4 Bends.....	164.17	24.68
			<i>For Work In Restricted Working Space, Add</i>	11.10	
22 66 53 00-0666			Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees <small>(22 66 53 00-0635)</small>		
22 66 53 00-0667	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees.....	80.06	24.68
			<i>For Work In Restricted Working Space, Add</i>	11.10	
22 66 53 00-0668	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees.....	98.94	31.58
			<i>For Work In Restricted Working Space, Add</i>	14.21	
22 66 53 00-0669	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees.....	166.87	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 66 53 00-0670	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees.....	228.62	49.35
			<i>For Work In Restricted Working Space, Add</i>	22.21	
22 66 53 00-0671	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees.....	611.51	64.06
			<i>For Work In Restricted Working Space, Add</i>	28.87	
22 66 53 00-0672	EA		8" Chlorinated Polyvinyl Chloride (CPVC) DWV Sanitary Tees.....	847.56	86.26
			<i>For Work In Restricted Working Space, Add</i>	38.86	
22 66 53 00-0673			Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees <small>(22 66 53 00-0635)</small>		
22 66 53 00-0674	EA		2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	91.94	26.94
			<i>For Work In Restricted Working Space, Add</i>	12.14	
22 66 53 00-0675	EA		2" x 1-1/2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	97.72	29.21
			<i>For Work In Restricted Working Space, Add</i>	13.18	
22 66 53 00-0676	EA		2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	95.39	29.21
			<i>For Work In Restricted Working Space, Add</i>	13.18	
22 66 53 00-0677	EA		3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	144.35	36.52
			<i>For Work In Restricted Working Space, Add</i>	16.43	
22 66 53 00-0678	EA		3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	154.54	38.79
			<i>For Work In Restricted Working Space, Add</i>	17.47	
22 66 53 00-0679	EA		4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	203.27	43.42
			<i>For Work In Restricted Working Space, Add</i>	19.55	
22 66 53 00-0680	EA		4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	214.88	46.98
			<i>For Work In Restricted Working Space, Add</i>	21.17	
22 66 53 00-0681	EA		6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	449.65	59.12
			<i>For Work In Restricted Working Space, Add</i>	26.65	
22 66 53 00-0682	EA		8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Sanitary Tees.....	1,051.97	73.92
			<i>For Work In Restricted Working Space, Add</i>	33.31	
22 66 53 00-0683			Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees <small>(22 66 53 00-0635)</small>		
22 66 53 00-0684	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees.....	114.21	32.87
			<i>For Work In Restricted Working Space, Add</i>	14.81	
22 66 53 00-0685	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees.....	139.66	42.04
			<i>For Work In Restricted Working Space, Add</i>	18.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0686 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	187.17 25.46	56.56
22 66 53 00-0687 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tees..... <i>For Work In Restricted Working Space, Add</i>	235.22 29.61	65.73
22 66 53 00-0688 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Sanitary Tees <small>(22 66 53 00-0635)</small>		
22 66 53 00-0689 EA 2" x 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	141.69 16.88	37.51
22 66 53 00-0690 EA 3" x 3" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	169.24 20.13	44.71
22 66 53 00-0691 EA 3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	217.80 22.21	49.35
22 66 53 00-0692 EA 4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	191.87 24.28	53.89
22 66 53 00-0693 EA 4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Sanitary Tee <i>For Work In Restricted Working Space, Add</i>	214.29 27.54	61.09
22 66 53 00-0694 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers <small>(22 66 53 00-0635)</small>		
22 66 53 00-0695 EA 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	81.11 8.44	18.75
22 66 53 00-0696 EA 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	89.49 10.07	22.31
22 66 53 00-0697 EA 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	148.88 11.10	24.68
22 66 53 00-0698 EA 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	163.40 12.14	26.94
22 66 53 00-0699 EA 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	180.03 13.77	30.59
22 66 53 00-0700 EA 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	245.65 15.99	35.53
22 66 53 00-0701 EA 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducers..... <i>For Work In Restricted Working Space, Add</i>	283.58 17.03	37.80
22 66 53 00-0702 Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushings <small>(22 66 53 00-0635)</small>		
22 66 53 00-0703 EA 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	57.00 8.44	18.75
22 66 53 00-0704 EA 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	64.06 10.07	22.31
22 66 53 00-0705 EA 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	70.27 11.10	24.68
22 66 53 00-0706 EA 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	114.30 12.14	26.94
22 66 53 00-0707 EA 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	121.43 13.77	30.59
22 66 53 00-0708 EA 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	191.87 15.99	35.53
22 66 53 00-0709 EA 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	188.90 17.03	37.80
22 66 53 00-0710 EA 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	548.24 20.37	45.21
22 66 53 00-0711 EA 8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Flush Bushing <i>For Work In Restricted Working Space, Add</i>	576.42 22.59	50.14
22 66 53 00-0712 Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps <small>(22 66 53 00-0635)</small>		
22 66 53 00-0713 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	104.60 11.10	24.68
22 66 53 00-0714 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	141.67 14.21	31.58
22 66 53 00-0715 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	234.84 19.10	42.44
22 66 53 00-0716 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV P-Traps <i>For Work In Restricted Working Space, Add</i>	378.29 22.21	49.35
22 66 53 00-0717 Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes <small>(22 66 53 00-0635)</small>		
22 66 53 00-0718 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	80.90 11.10	24.68
22 66 53 00-0719 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	108.93 14.21	31.58
22 66 53 00-0720 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	173.39 19.10	42.44
22 66 53 00-0721 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	233.97 22.21	49.35
22 66 53 00-0722 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	502.26 28.87	64.06
22 66 53 00-0723 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV Wyes <i>For Work In Restricted Working Space, Add</i>	571.49 38.86	86.26

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0724			Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes (22 66 53 00-0635)		
22 66 53 00-0725	EA		2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	88.44	26.94
			<i>For Work In Restricted Working Space, Add</i>	12.14	
22 66 53 00-0726	EA		2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	105.48	29.21
			<i>For Work In Restricted Working Space, Add</i>	13.18	
22 66 53 00-0727	EA		3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	149.25	36.52
			<i>For Work In Restricted Working Space, Add</i>	16.43	
22 66 53 00-0728	EA		3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	160.51	38.79
			<i>For Work In Restricted Working Space, Add</i>	17.47	
22 66 53 00-0729	EA		4" x 4" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	163.22	41.05
			<i>For Work In Restricted Working Space, Add</i>	18.51	
22 66 53 00-0730	EA		4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	212.36	43.42
			<i>For Work In Restricted Working Space, Add</i>	19.55	
22 66 53 00-0731	EA		4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	224.10	46.98
			<i>For Work In Restricted Working Space, Add</i>	21.17	
22 66 53 00-0732	EA		6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	352.49	59.12
			<i>For Work In Restricted Working Space, Add</i>	26.65	
22 66 53 00-0733	EA		8" x 8" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	418.18	73.92
			<i>For Work In Restricted Working Space, Add</i>	33.31	
22 66 53 00-0734	EA		8" x 8" x 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Wyes.....	460.26	78.86
			<i>For Work In Restricted Working Space, Add</i>	35.53	
22 66 53 00-0735			Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes (22 66 53 00-0635)		
22 66 53 00-0736	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	131.70	32.87
			<i>For Work In Restricted Working Space, Add</i>	14.81	
22 66 53 00-0737	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	150.22	42.04
			<i>For Work In Restricted Working Space, Add</i>	18.95	
22 66 53 00-0738	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	242.25	56.56
			<i>For Work In Restricted Working Space, Add</i>	25.46	
22 66 53 00-0739	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	457.71	65.73
			<i>For Work In Restricted Working Space, Add</i>	29.61	
22 66 53 00-0740	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	752.62	85.48
			<i>For Work In Restricted Working Space, Add</i>	38.49	
22 66 53 00-0741			Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Wyes (22 66 53 00-0635)		
22 66 53 00-0742	EA		2" x 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	186.88	37.51
			<i>For Work In Restricted Working Space, Add</i>	16.88	
22 66 53 00-0743	EA		3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	234.77	49.35
			<i>For Work In Restricted Working Space, Add</i>	22.21	
22 66 53 00-0744	EA		4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	409.81	61.09
			<i>For Work In Restricted Working Space, Add</i>	27.54	
22 66 53 00-0745	EA		6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Wyes.....	610.46	75.60
			<i>For Work In Restricted Working Space, Add</i>	34.05	
22 66 53 00-0746			Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends (22 66 53 00-0635)		
22 66 53 00-0747	EA		1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	94.31	24.68
			<i>For Work In Restricted Working Space, Add</i>	11.10	
22 66 53 00-0748	EA		2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	123.83	31.58
			<i>For Work In Restricted Working Space, Add</i>	14.21	
22 66 53 00-0749	EA		3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	185.72	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
22 66 53 00-0750	EA		4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	247.39	49.35
			<i>For Work In Restricted Working Space, Add</i>	22.21	
22 66 53 00-0751	EA		6" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	564.80	64.06
			<i>For Work In Restricted Working Space, Add</i>	28.87	
22 66 53 00-0752	EA		8" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	991.69	86.26
			<i>For Work In Restricted Working Space, Add</i>	38.86	
22 66 53 00-0753			Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Combination Wye And 1/8 Bends (22 66 53 00-0635)		
22 66 53 00-0754	EA		2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	88.14	26.94
			<i>For Work In Restricted Working Space, Add</i>	12.14	
22 66 53 00-0755	EA		2" x 2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	112.76	29.21
			<i>For Work In Restricted Working Space, Add</i>	13.18	
22 66 53 00-0756	EA		3" x 3" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	156.30	36.52
			<i>For Work In Restricted Working Space, Add</i>	16.43	
22 66 53 00-0757	EA		3" x 3" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	168.21	38.79
			<i>For Work In Restricted Working Space, Add</i>	17.47	
22 66 53 00-0758	EA		4" x 4" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	217.44	43.42
			<i>For Work In Restricted Working Space, Add</i>	19.55	
22 66 53 00-0759	EA		4" x 4" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	230.35	46.98
			<i>For Work In Restricted Working Space, Add</i>	21.17	
22 66 53 00-0760	EA		6" x 6" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	440.05	56.85
			<i>For Work In Restricted Working Space, Add</i>	25.61	
22 66 53 00-0761	EA		6" x 6" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Combination Wye And 1/8 Bends.....	457.16	59.12
			<i>For Work In Restricted Working Space, Add</i>	26.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
22 66 53 00-0762 Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0635)</small>		
22 66 53 00-0763 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	142.39 14.81	32.87
22 66 53 00-0764 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	214.31 18.95	42.04
22 66 53 00-0765 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	344.65 25.46	56.56
22 66 53 00-0766 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	590.95 29.61	65.73
22 66 53 00-0767 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	814.22 38.49	85.48
22 66 53 00-0768 Chlorinated Polyvinyl Chloride (CPVC) DWV Reducing Double Combination Wye And 1/8 Bends <small>(22 66 53 00-0635)</small>		
22 66 53 00-0769 EA 2" x 2" x 1-1/2" x 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	186.89 16.88	37.51
22 66 53 00-0770 EA 3" x 3" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	291.81 22.21	49.35
22 66 53 00-0771 EA 4" x 4" x 2" x 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	353.64 24.28	53.89
22 66 53 00-0772 EA 4" x 4" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	364.50 27.54	61.09
22 66 53 00-0773 EA 6" x 6" x 3" x 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	462.77 31.98	70.96
22 66 53 00-0774 EA 6" x 6" x 4" x 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Double Combination Wye And 1/8 Bends <i>For Work In Restricted Working Space, Add</i>	519.96 34.05	75.60
22 66 53 00-0775 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees With Plug <small>(22 66 53 00-0635)</small>		
22 66 53 00-0776 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees <i>For Work In Restricted Working Space, Add</i>	88.29 11.10	24.68
22 66 53 00-0777 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees <i>For Work In Restricted Working Space, Add</i>	104.01 14.21	31.58
22 66 53 00-0778 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees <i>For Work In Restricted Working Space, Add</i>	182.42 19.10	42.44
22 66 53 00-0779 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees <i>For Work In Restricted Working Space, Add</i>	235.76 22.21	49.35
22 66 53 00-0780 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Tees <i>For Work In Restricted Working Space, Add</i>	533.02 28.87	64.06
22 66 53 00-0781 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug <i>For Work In Restricted Working Space, Add</i>	20.09 3.70	8.19
22 66 53 00-0782 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug <i>For Work In Restricted Working Space, Add</i>	24.27 4.74	10.46
22 66 53 00-0783 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug <i>For Work In Restricted Working Space, Add</i>	36.03 6.37	14.11
22 66 53 00-0784 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug <i>For Work In Restricted Working Space, Add</i>	41.29 7.40	16.38
22 66 53 00-0785 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Plug <i>For Work In Restricted Working Space, Add</i>	70.81 9.62	21.32
22 66 53 00-0786 Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug <small>(22 66 53 00-0635)</small>		
22 66 53 00-0787 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	47.10 7.40	16.48
22 66 53 00-0788 EA 2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	58.01 9.47	21.03
22 66 53 00-0789 EA 3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	91.21 12.73	28.22
22 66 53 00-0790 EA 4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	133.24 14.81	32.87
22 66 53 00-0791 EA 6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	209.28 19.25	42.74
22 66 53 00-0792 EA 8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cleanout Adapters With Plug <i>For Work In Restricted Working Space, Add</i>	375.28 25.94	57.55
22 66 53 00-0793 Chlorinated Polyvinyl Chloride (CPVC) Couplings <small>(22 66 53 00-0635)</small>		
22 66 53 00-0794 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Couplings <i>For Work In Restricted Working Space, Add</i>	51.76 7.40	16.48
22 66 53 00-0795 EA 2" Chlorinated Polyvinyl Chloride (CPVC) Couplings <i>For Work In Restricted Working Space, Add</i>	65.37 9.47	21.03
22 66 53 00-0796 EA 3" Chlorinated Polyvinyl Chloride (CPVC) Couplings <i>For Work In Restricted Working Space, Add</i>	85.68 12.73	28.22
22 66 53 00-0797 EA 4" Chlorinated Polyvinyl Chloride (CPVC) Couplings <i>For Work In Restricted Working Space, Add</i>	110.88 14.81	32.87
22 66 53 00-0798 EA 6" Chlorinated Polyvinyl Chloride (CPVC) Couplings <i>For Work In Restricted Working Space, Add</i>	161.68 19.25	42.74
22 66 53 00-0799 EA 8" Chlorinated Polyvinyl Chloride (CPVC) Couplings <i>For Work In Restricted Working Space, Add</i>	349.45 25.94	57.55

22 Plumbing**22 60 Gas and Vacuum Systems for Laboratory and Healthcare Facilities****22 66 Chemical-Waste Systems for Laboratory and Healthcare Facilities**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
22 66 53 00-0800		Chlorinated Polyvinyl Chloride (CPVC) Female Adapters (22 66 53 00-0635)		
22 66 53 00-0801	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	33.64	8.19
22 66 53 00-0802	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	44.80	10.56
22 66 53 00-0803	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	69.09	14.11
22 66 53 00-0804	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	116.71	16.48
22 66 53 00-0805	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Female Adapters	186.23	21.32
22 66 53 00-0806		Chlorinated Polyvinyl Chloride (CPVC) Male Adapters (22 66 53 00-0635)		
22 66 53 00-0807	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	37.84	8.19
22 66 53 00-0808	EA	2" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	54.07	10.56
22 66 53 00-0809	EA	3" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	63.14	14.11
22 66 53 00-0810	EA	4" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	112.07	16.48
22 66 53 00-0811	EA	6" Chlorinated Polyvinyl Chloride (CPVC) Male Adapters	150.03	21.32
22 66 53 00-0812		Chlorinated Polyvinyl Chloride (CPVC) Caps (22 66 53 00-0635)		
22 66 53 00-0813	EA	1-1/2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	33.39	8.19
22 66 53 00-0814	EA	2" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	40.98	10.56
22 66 53 00-0815	EA	3" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	64.76	14.11
22 66 53 00-0816	EA	4" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	113.44	16.48
22 66 53 00-0817	EA	6" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	144.55	21.32
22 66 53 00-0818	EA	8" Chlorinated Polyvinyl Chloride (CPVC) DWV Cap	228.71	28.82
22 66 83		Chemical-Waste Tanks (22 66)		
22 66 83 16		Chemical-Waste Neutralization Tanks (22 66 83)		
22 66 83 16-0001		Acid Neutralization Tank (22 66 83 16)		
22 66 83 16-0002		Polyethylene Acid Neutralization Tank (22 66 83 16-0001)		
22 66 83 16-0003	EA	5 Gallon Capacity Polyethylene Acid Neutralization Tank	540.23	200.95
22 66 83 16-0004	EA	15 Gallon Capacity Polyethylene Acid Neutralization Tank	999.08	278.65
22 66 83 16-0005	EA	30 Gallon Capacity Polyethylene Acid Neutralization Tank	1,230.20	401.89
22 66 83 16-0006	EA	55 Gallon Capacity Polyethylene Acid Neutralization Tank	1,574.92	535.86
22 66 83 16-0007	EA	100 Gallon Capacity Polyethylene Acid Neutralization Tank	2,032.75	643.03
22 66 83 16-0008	EA	150 Gallon Capacity Polyethylene Acid Neutralization Tank	2,798.47	803.79
22 66 83 16-0009	EA	200 Gallon Capacity Polyethylene Acid Neutralization Tank	3,211.62	1,004.74
22 66 83 16-0010	EA	275 Gallon Capacity Polyethylene Acid Neutralization Tank	4,194.28	1,205.68
22 66 83 16-0011	EA	350 Gallon Capacity Polyethylene Acid Neutralization Tank	4,742.71	1,446.81
22 66 83 16-0012		Polypropylene Acid Neutralization Tank (22 66 83 16-0001)		
22 66 83 16-0013	EA	5 Gallon Capacity Polypropylene Acid Neutralization Tank	921.42	200.95
22 66 83 16-0014	EA	15 Gallon Capacity Polypropylene Acid Neutralization Tank	1,602.65	278.65
22 66 83 16-0015	EA	30 Gallon Capacity Polypropylene Acid Neutralization Tank	2,547.77	401.89
22 66 83 16-0016	EA	55 Gallon Capacity Polypropylene Acid Neutralization Tank	3,356.76	535.86
22 66 83 16-0017	EA	100 Gallon Capacity Polypropylene Acid Neutralization Tank	4,254.56	643.03
22 66 83 16-0018	EA	150 Gallon Capacity Polypropylene Acid Neutralization Tank	4,854.22	803.79
22 66 83 16-0019	EA	200 Gallon Capacity Polypropylene Acid Neutralization Tank	5,258.30	1,004.74
22 66 83 16-0020	EA	275 Gallon Capacity Polypropylene Acid Neutralization Tank	7,768.05	1,205.68
22 66 83 16-0021	EA	350 Gallon Capacity Polypropylene Acid Neutralization Tank	8,364.11	1,446.81
22 66 83 16-0022		Chemical Dilution Trap (22 66 83 16)		
22 66 83 16-0023	EA	1 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	498.21	66.99
22 66 83 16-0024	EA	1-1/2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	514.79	66.99
22 66 83 16-0025	EA	2 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	531.37	66.99
22 66 83 16-0026	EA	5 Gallon Capacity Polyethylene Under Bench Chemical Dilution Trap Note: 1-1/2" top inlet and side outlet with anti siphon.	580.12	80.37

END OF SECTION 22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 Heating, Ventilating, and Air-Conditioning (HVAC)

Note: Where required, mechanical equipment excludes electrical connection unless title states otherwise. HVAC equipment shall conform to California Title 24.

23 01 Operation and Maintenance of HVAC Systems ⁽²³⁾

23 01 10 Operation and Maintenance of Facility Fuel Systems ^(23 01)

23 01 10 91 Facility Fuel Systems Restoration ^(23 01 10)

23 01 10 91-0001 Professional Certification For Hospital ^(23 01 10 91)

23 01 10 91-0002 HR Hospital/Lab Certification - Oxygen, Air, Water Lines, Medical Gases, Nitrogen And Vacuum 174.11

23 01 10 91-0003 Purge Gas Systems ^(23 01 10 91)

Note: Includes collection and refilling/bleeding of system. For natural gas, flammable gases and other gases that should not be released inside the building. See CSI section 23 01 60 71-0001 for refrigerant.

23 01 10 91-0004	EA	Up To 100', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	495.21
23 01 10 91-0005	EA	>100' To 250', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	707.50
23 01 10 91-0006	EA	>250' To 500', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	743.41
23 01 10 91-0007	EA	>500' To 1,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	820.59
23 01 10 91-0008	EA	>1,000' To 2,000', Up To 1-1/2" Diameter Pipe, Purge Gas Systems.....	1,486.48
23 01 10 91-0009	EA	Up To 100', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	666.55
23 01 10 91-0010	EA	>100' To 250', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	958.84
23 01 10 91-0011	EA	>250' To 500', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,017.60
23 01 10 91-0012	EA	>500' To 1,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	1,142.93
23 01 10 91-0013	EA	>1,000' To 2,000', >1-1/2" To 4" Diameter Pipe, Purge Gas Systems.....	2,079.59
23 01 10 91-0014	EA	Up To 100', >4" To 10" Diameter Pipe, Purge Gas Systems.....	795.01
23 01 10 91-0015	EA	>100' To 250', >4" To 10" Diameter Pipe, Purge Gas Systems.....	1,176.72
23 01 10 91-0016	EA	>250' To 500', >4" To 10" Diameter Pipe, Purge Gas Systems.....	2,706.70
23 01 10 91-0017	EA	>500' To 1,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	4,241.80
23 01 10 91-0018	EA	>1,000' To 2,000', >4" To 10" Diameter Pipe, Purge Gas Systems.....	7,979.28

23 01 20 Operation and Maintenance of HVAC Piping and Pumps ^(23 01)

23 01 20 91 HVAC Piping and Pumps Restoration ^(23 01 20)

23 01 20 91-0001 Lock Out/Tag Out System ^(23 01 20 91)

23 01 20 91-0002	EA	Up To 1", Lock Out/Tag Out Valve.....	26.79
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0003	EA	>1" To 3", Lock Out/Tag Out Valve.....	32.16
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0004	EA	>3" To 6", Lock Out/Tag Out Valve.....	37.52
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0005	EA	>6" To 10", Lock Out/Tag Out Valve.....	42.87
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0006	EA	>10" To 14", Lock Out/Tag Out Valve.....	53.59
		Note: Excludes tag or padlock See CSI section 23 01 20 91-0007 for padlock, 23 01 20 91-0008 for tag(s).	
23 01 20 91-0007	EA	Lock Out Padlock.....	10.72
23 01 20 91-0008	EA	Lock Out Tags.....	4.78

23 01 20 91-0009 Freeze Pipe Using CO2 Kit ^(23 01 20 91)

Note: For use on chilled water or cold water piping systems. Excludes cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0010 EA Up To 2" Freeze Pipe Using CO2 Kit..... 353.52

23 01 20 91-0011 Pipe Freezing ^(23 01 20 91)

Note: For use on any water piping systems. Excludes excavation, cutting existing pipe, and installation of valve or fittings.

23 01 20 91-0012	EA	Up To 1" Pipe Freezing, First Location.....	702.66
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0013	EA	Up To 1" Pipe Freezing, Each Additional Location After First.....	341.75
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0014	EA	>1" To 1-1/2" Pipe Freezing, First Location.....	852.45
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0015	EA	>1" To 1-1/2" Pipe Freezing, Each Additional Location After First.....	393.36
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0016	EA	>1-1/2" To 2" Pipe Freezing, First Location.....	1,189.38
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0017	EA	>1-1/2" To 2" Pipe Freezing, Each Additional Location After First.....	445.12
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0018	EA	>2" To 3" Pipe Freezing, First Location.....	1,357.86
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0019	EA	>2" To 3" Pipe Freezing, Each Additional Location After First.....	528.52
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0020	EA	>3" To 4" Pipe Freezing, First Location.....	2,015.05
		Note: Includes freezing on each side of valve or fitting.	
23 01 20 91-0021	EA	>3" To 4" Pipe Freezing, Each Additional Location After First.....	608.81
		Note: Includes freezing on each side of valve or fitting.	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0022	EA		>4" To 6" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	4,247.72	
23 01 20 91-0023	EA		>4" To 6" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	820.01	
23 01 20 91-0024	EA		>6" To 8" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	5,650.65	
23 01 20 91-0025	EA		>6" To 8" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,223.43	
23 01 20 91-0026	EA		>8" To 10" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	7,816.52	
23 01 20 91-0027	EA		>8" To 10" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	1,687.60	
23 01 20 91-0028	EA		>10" To 12" Pipe Freezing, First Location Note: Includes freezing on each side of valve or fitting.	10,080.27	
23 01 20 91-0029	EA		>10" To 12" Pipe Freezing, Each Additional Location After First Note: Includes freezing on each side of valve or fitting.	2,212.25	
23 01 20 91-0030			Water/Chlorine Pipe Disinfection/Flush/Testing (23 01 20 91) Note: For existing piping when required. Water/chlorine solution per specification entitled "Water Distribution".		
23 01 20 91-0031	LF		Up To 1", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	1.81 -0.13 -0.33 -0.48	
23 01 20 91-0032	LF		>1" To 2", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	2.52 -0.18 -0.45 -0.65	
23 01 20 91-0033	LF		>2" To 3", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	3.91 -0.27 -0.67 -0.97	
23 01 20 91-0034	LF		4", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	5.46 -0.36 -0.89 -1.29	
23 01 20 91-0035	LF		6", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	6.78 -0.43 -1.07 -1.55	
23 01 20 91-0036	LF		8", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	8.62 -0.54 -1.34 -1.94	
23 01 20 91-0037	LF		10", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	11.29 -0.71 -1.79 -2.59	
23 01 20 91-0038	LF		12", Water/Chlorine Pipe Disinfection/Flush/Testing For >250 To 500, Deduct For >500 To 2000, Deduct For >2000, Deduct	13.56 -0.86 -2.14 -3.11	
23 01 20 91-0039			Shut Down Existing Piping System (23 01 20 91)		
23 01 20 91-0040	EA		Shut Down Existing Interior Piping System Note: Includes lock out/tag out and average line tracing. Use when valves are greater than 25' from work. When the shut-off valves for multiple lines are located with a 10' radius, the quantity used shall be one.	226.73	
23 01 20 91-0041			Purge Liquid Systems (23 01 20 91) Note: Includes collection of liquid, refilling with liquid and bleeding of air from system.		
23 01 20 91-0042	EA		Up To 50', Up To 3/4" Diameter Pipe, Purge Liquid System 23 01 20 91-0043 EA >50' To 100', Up To 3/4" Diameter Pipe, Purge Liquid System 23 01 20 91-0044 EA >100 To 250', Up To 3/4" Diameter Pipe, Purge Liquid System 23 01 20 91-0045 EA >250 To 500', Up To 3/4" Diameter Pipe, Purge Liquid System 23 01 20 91-0046 EA >500 To 1,000', Up To 3/4" Diameter Pipe, Purge Liquid System 23 01 20 91-0047 EA >1,000 To 2,000', Up To 3/4" Diameter Pipe, Purge Liquid System 23 01 20 91-0048 LF >2,000', Up To 3/4" Diameter Pipe, Purge Liquid System 23 01 20 91-0049 EA Up To 100', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System 23 01 20 91-0050 EA >100 To 250', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System 23 01 20 91-0051 EA >250 To 500', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System 23 01 20 91-0052 EA >500 To 1,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System 23 01 20 91-0053 EA >1,000 To 2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System 23 01 20 91-0054 LF >2,000', >3/4" To 1-1/2" Diameter Pipe, Purge Liquid System 23 01 20 91-0055 EA Up To 100', >1-1/2" To 3" Diameter Pipe, Purge Liquid System 23 01 20 91-0056 EA >100 To 250', >1-1/2" To 3" Diameter Pipe, Purge Liquid System 23 01 20 91-0057 EA >250 To 500', >1-1/2" To 3" Diameter Pipe, Purge Liquid System 23 01 20 91-0058 EA >500 To 1,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System 23 01 20 91-0059 EA >1,000 To 2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System 23 01 20 91-0060 LF >2,000', >1-1/2" To 3" Diameter Pipe, Purge Liquid System 23 01 20 91-0061 EA Up To 100', >3" To 6" Diameter Pipe, Purge Liquid System 23 01 20 91-0062 EA >100 To 250', >3" To 6" Diameter Pipe, Purge Liquid System 23 01 20 91-0063 EA >250 To 500', >3" To 6" Diameter Pipe, Purge Liquid System 23 01 20 91-0064 EA >500 To 1,000', >3" To 6" Diameter Pipe, Purge Liquid System	169.41 211.76 302.24 362.18 452.73 588.55 0.29 352.78 503.84 603.70 754.63 981.02 0.49 493.90 705.39 845.19 1,056.48 1,373.43 0.69 679.11 969.91 1,029.72 1,287.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 20 91-0065 EA >1,000 To 2,000', >3" To 6" Diameter Pipe, Purge Liquid System	1,673.28	
23 01 20 91-0066 LF >2,000', >3" To 6" Diameter Pipe, Purge Liquid System.....	0.84	
23 01 20 91-0067 EA Up To 100', >6" To 10" Diameter Pipe, Purge Liquid System	916.80	
23 01 20 91-0068 EA >100 To 250', >6" To 10" Diameter Pipe, Purge Liquid System	1,309.37	
23 01 20 91-0069 EA >250 To 500', >6" To 10" Diameter Pipe, Purge Liquid System	1,390.12	
23 01 20 91-0070 EA >500 To 1,000', >6" To 10" Diameter Pipe, Purge Liquid System	1,737.63	
23 01 20 91-0071 EA >1,000 To 2,000', >6" To 10" Diameter Pipe, Purge Liquid System	2,258.93	
23 01 20 91-0072 LF >2,000', >6" To 10" Diameter Pipe, Purge Liquid System.....	1.13	
23 01 20 91-0073 Special Cleaning Of Piping Systems (23 01 20 91)		
23 01 20 91-0074 Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing (23 01 20 91-0073)		
23 01 20 91-0075 LF Up To 1", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	2.35	
For >250 To 500, Deduct	-0.15	
For >500 To 2000, Deduct	-0.38	
For >2000, Deduct	-0.55	
23 01 20 91-0076 LF >1" To 2", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	3.97	
For >250 To 500, Deduct	-0.25	
For >500 To 2000, Deduct	-0.62	
For >2000, Deduct	-0.89	
23 01 20 91-0077 LF >2" To 3", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	5.58	
For >250 To 500, Deduct	-0.34	
For >500 To 2000, Deduct	-0.85	
For >2000, Deduct	-1.23	
23 01 20 91-0078 LF >3" To 4", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing	7.24	
For >250 To 500, Deduct	-0.44	
For >500 To 2000, Deduct	-1.09	
For >2000, Deduct	-1.59	
23 01 20 91-0079 LF >4" To 6", Trisodium Phosphate-Caustic Pipe Disinfection/Flush/Testing.....	10.02	
For >250 To 500, Deduct	-0.61	
For >500 To 2000, Deduct	-1.53	
For >2000, Deduct	-2.22	
23 01 20 91-0080 Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing (23 01 20 91-0073)		
23 01 20 91-0081 LF Up To 1", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	2.59	
For >250 To 500, Deduct	-0.15	
For >500 To 2000, Deduct	-0.38	
For >2000, Deduct	-0.55	
23 01 20 91-0082 LF >1" To 2", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	4.26	
For >250 To 500, Deduct	-0.25	
For >500 To 2000, Deduct	-0.62	
For >2000, Deduct	-0.89	
23 01 20 91-0083 LF >2" To 3", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	5.99	
For >250 To 500, Deduct	-0.34	
For >500 To 2000, Deduct	-0.85	
For >2000, Deduct	-1.23	
23 01 20 91-0084 LF >3" To 4", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	7.86	
For >250 To 500, Deduct	-0.44	
For >500 To 2000, Deduct	-1.09	
For >2000, Deduct	-1.59	
23 01 20 91-0085 LF >4" To 6", Acrysol Qr-1086 and Dequest 2010 Pipe Disinfection/Flush/Testing.....	10.85	
For >250 To 500, Deduct	-0.61	
For >500 To 2000, Deduct	-1.53	
For >2000, Deduct	-2.22	
23 01 20 91-0086 Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing (23 01 20 91-0073)		
23 01 20 91-0087 LF Up To 1", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	2.66	
For >250 To 500, Deduct	-0.15	
For >500 To 2000, Deduct	-0.38	
For >2000, Deduct	-0.55	
23 01 20 91-0088 LF >1" To 2", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	4.38	
For >250 To 500, Deduct	-0.25	
For >500 To 2000, Deduct	-0.62	
For >2000, Deduct	-0.89	
23 01 20 91-0089 LF >2" To 3", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	6.17	
For >250 To 500, Deduct	-0.34	
For >500 To 2000, Deduct	-0.85	
For >2000, Deduct	-1.23	
23 01 20 91-0090 LF >3" To 4", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	8.10	
For >250 To 500, Deduct	-0.44	
For >500 To 2000, Deduct	-1.09	
For >2000, Deduct	-1.59	
23 01 20 91-0091 LF >4" To 6", Drewsperser 4945/4395 Pipe Disinfection/Flush/Testing.....	11.17	
For >250 To 500, Deduct	-0.61	
For >500 To 2000, Deduct	-1.53	
For >2000, Deduct	-2.22	
23 01 20 91-0092 Add-A-Valve Emergency Shut Off Device (23 01 20 91)		
23 01 20 91-0093 EA 1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-103ADD)	378.99	
23 01 20 91-0094 EA 3/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-104ADD)	477.69	
23 01 20 91-0095 EA 1" Add-A-Valve Emergency Shut Off Device (Jomar 800-105ADD)	664.18	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 20 Operation and Maintenance of HVAC Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 01 20 91-0096	EA		1-1/4" Add-A-Valve Emergency Shut Off Device (Jomar 800-106ADD)	1,020.81	
23 01 20 91-0097	EA		1-1/2" Add-A-Valve Emergency Shut Off Device (Jomar 800-107ADD)	1,261.87	
23 01 20 91-0098	EA		2" Add-A-Valve Emergency Shut Off Device (Jomar 800-108ADD)	1,911.78	

23 01 30 Operation and Maintenance of HVAC Air Distribution (23 01)**23 01 30 51 HVAC Air-Distribution System Cleaning (23 01 30)****23 01 30 51-0001 Cleaning Of Ductwork And HVAC Equipment (23 01 30 51)**

23 01 30 51-0002	LF		Up To 2 SF Cross Section, Clean Supply/Return Ductwork	4.71	
			Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.		
			<i>For Exhaust Ductwork, Add</i>	1.18	
23 01 30 51-0003	LF		>2 SF To 4 SF Cross Section, Clean Supply/Return Ductwork	5.90	
			Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.		
			<i>For Exhaust Ductwork, Add</i>	1.48	
23 01 30 51-0004	LF		>4 SF To 8 SF Cross Section, Clean Supply/Return Ductwork	7.91	
			Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.		
			<i>For Exhaust Ductwork, Add</i>	1.98	
23 01 30 51-0005	LF		>8 SF Cross Section, Clean Supply/Return Ductwork	11.20	
			Note: Includes sealing registers, grilles, diffusers as required. Excludes cleaning of registers, grilles, diffusers, or other devices.		
			<i>For Exhaust Ductwork, Add</i>	2.80	
23 01 30 51-0006	LF		Clean Supply/Return Shafts	13.92	
23 01 30 51-0007	EA		Clean Floor Transition	11.20	
23 01 30 51-0008	SF		Clean Duct Dampers	15.87	
23 01 30 51-0009	SF		Clean Duct Fire Dampers	31.74	
23 01 30 51-0010	SF		Clean Louver	12.70	
23 01 30 51-0011	EA		Clean Turning Vane Set	38.10	
23 01 30 51-0012	EA		Clean Grille/Diffuser/Register	38.10	
			Note: Includes removal and reinstallation.		
23 01 30 51-0013	LF		Clean Linear Diffuser	9.53	
			Note: Includes removal and reinstallation.		
23 01 30 51-0014	EA		Cut Access For Cleaning Duct And Install Duct Insulated Access Doors	126.60	
			<i>For Stainless Steel, Add</i>	82.00	
23 01 30 51-0015	EA		Clean Variable Air Volume (VAV) Unit	114.29	
23 01 30 51-0016	EA		Clean Fan Powered Induction Unit (PIU) Unit	152.39	
23 01 30 51-0017	EA		Clean Fan Coil Unit (FCU)	152.39	
23 01 30 51-0018	EA		Clean Packaged Terminal Air Conditioning Unit	152.39	
23 01 30 51-0019	EA		Clean Supply Or Return Fan	304.79	
23 01 30 51-0020	EA		Clean Exhaust Fan	266.70	
23 01 30 51-0021	EA		Clean Duct Coil	228.60	
23 01 30 51-0022	SF		Clean Air Handling Unit Interior Housing With High Efficiency Particulate Air (HEPA) Vacuum	7.62	
			Note: Excluding fan and coils.		
23 01 30 51-0023	EA		Clean Air Handling Unit Fan	304.79	
23 01 30 51-0024	EA		Clean Air Handling Unit Coil	457.19	
23 01 30 51-0025	SF		Clean Equipment Surfaces, Rust Reform And Prime	3.94	
23 01 30 51-0026	SF		Clean Interior Equipment Surfaces, Rust Reform And Prime	4.70	
23 01 30 51-0027	SF		High Efficiency Particulate Air (HEPA) Vacuuming Of Walls, Ceilings And Floors In Mechanical Rooms	0.64	
23 01 30 51-0028	EA		Cleaning Of Ductwork Minimum Set-up Charge	1,022.42	
			Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
23 01 30 51-0029	SF		Apply Anti-microbial Agent To Ductwork And Surfaces After Cleaning	0.67	

23 01 30 61 HVAC Air-Distribution Duct Repair (23 01 30)**23 01 30 61-0001 Repair And Seal Ductwork (23 01 30 61)**

Note: Includes removal of existing insulation, repair/seal ductwork with Duct Sealer and reinstallation of insulation. Excludes new ductwork.

23 01 30 61-0002	SF		Repair And Sealing Of Ductwork	2.65	
			Note: Clean, apply sealant and tape		

23 01 30 61-0003 Rework Sheet Metal Ductwork (23 01 30 61)

Note: Includes removal of existing ductwork and reinstallation of ductwork. Excludes new ductwork.

23 01 30 61-0004	LF		Up To 1 SF Cross Section, Rework Existing Ductwork	37.15	
23 01 30 61-0005	LF		>1 To 2 SF Cross Section, Rework Existing Ductwork	72.44	
23 01 30 61-0006	LF		>2 To 4 SF Cross Section, Rework Existing Ductwork	95.72	
23 01 30 61-0007	LF		>4 To 6 SF Cross Section, Rework Existing Ductwork	119.86	
23 01 30 61-0008	LF		>6 To 8 SF Cross Section, Rework Existing Ductwork	167.17	
23 01 30 61-0009	LF		>8 To 10 SF Cross Section, Rework Existing Ductwork	195.03	
23 01 30 61-0010	LF		>10 To 12 SF Cross Section, Rework Existing Ductwork	222.89	
23 01 30 61-0011	LF		>12 To 14 SF Cross Section, Rework Existing Ductwork	250.75	

23 01 50 Operation and Maintenance of Central Heating Equipment (23 01)**23 01 50 61 Central Heating Equipment Repair (23 01 50)****23 01 50 61-0001 Boiler Repairs (23 01 50 61)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0002 Setup And Maintenance <small>(23 01 50 61-0001)</small>		
23 01 50 61-0003 EA Set-up Charge For Boiler Fire Side Maintenance Note: Includes removing/relocating doors, plates, portals, and burners required to access fireside.	2,328.25	
23 01 50 61-0004 EA Close-up Charge For Boiler Fire Side Maintenance Note: Includes replacement of doors, plates, portals, burners, adhesive, rope, wool, and seals.	2,559.90	
<i>For Burner Seals, Add</i>	632.83	
<i>Note: Used when burner must be removed from door for maintenance.</i>		
23 01 50 61-0005 EA Setup Charge For Boiler Water Side Maintenance Note: Includes closing valves, draining, and positioning equipment needed for tube replacement.	3,104.35	
23 01 50 61-0006 EA Up To 100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	1,552.17	
23 01 50 61-0007 EA >100 HP, Hydrostatic Test - Boiler Maintenance Note: Includes close-up charge for water side maintenance, blanking off supply, return, and relief valves for test and reconnection after test.	3,104.35	
23 01 50 61-0008 EA Removal And Replacement Of Handhole	97.01	
23 01 50 61-0009 EA Removal And Replacement Of Manhole.....	291.03	
23 01 50 61-0010 SF Sheet Metal Jacket Patch	11.32	
23 01 50 61-0011 Boiler Tube Replacement <small>(23 01 50 61-0001)</small>		
23 01 50 61-0012 EA Removal Of Up To 2" Boiler Tube <small>(23 01 50 61-0001)</small>	232.82	
23 01 50 61-0013 EA Removal Of >2" To 3" Boiler Tube.....	291.04	
23 01 50 61-0014 EA Removal Of >3" To 4" Boiler Tube.....	407.43	
23 01 50 61-0015 LF Place 1-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	18.23	
23 01 50 61-0016 LF Place 2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	21.53	
23 01 50 61-0017 LF Place 2-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	24.88	
23 01 50 61-0018 LF Place 3" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	37.73	
23 01 50 61-0019 LF Place 3-1/2" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	44.82	
23 01 50 61-0020 LF Place 4" Boiler Tube Into Position For Termination Note: Includes black steel tube, fasteners and accessories.	58.77	
23 01 50 61-0021 EA 1-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	29.11	
23 01 50 61-0022 EA 2" Rolled Boiler Tube Termination (2 Per New Tube).....	43.66	
23 01 50 61-0023 EA 2-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	58.20	
23 01 50 61-0024 EA 3" Rolled Boiler Tube Termination (2 Per New Tube).....	72.75	
23 01 50 61-0025 EA 3-1/2" Rolled Boiler Tube Termination (2 Per New Tube).....	87.31	
23 01 50 61-0026 EA 4" Rolled Boiler Tube Termination (2 Per New Tube).....	101.86	
23 01 50 61-0027 EA 1-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	87.31	
23 01 50 61-0028 EA 2" Welded Boiler Tube Termination (2 Per New Tube).....	116.41	
23 01 50 61-0029 EA 2-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	145.51	
23 01 50 61-0030 EA 3" Welded Boiler Tube Termination (2 Per New Tube).....	174.63	
23 01 50 61-0031 EA 3-1/2" Welded Boiler Tube Termination (2 Per New Tube).....	203.72	
23 01 50 61-0032 EA 4" Welded Boiler Tube Termination (2 Per New Tube).....	232.82	
23 01 50 61-0033 EA Plug Boiler Tube Hole Where Boiler Tube Is Not Replaced.....	376.87	
23 01 50 61-0034 Cast Iron Boiler Section Replacement <small>(23 01 50 61-0001)</small>		
23 01 50 61-0035 EA Removal And Replacement Of Front Section Of Weil McLain Model 80 Cast Iron Boiler.....	2,659.05	
23 01 50 61-0036 EA Removal And Replacement Of Rear Section Of Weil McLain Model 80 Cast Iron Boiler	1,853.05	
23 01 50 61-0037 EA Removal And Replacement Of Inside Section Of Weil McLain Model 80 Cast Iron Boiler	2,282.11	
23 01 50 61-0038 EA Removal And Replacement Of Front Section Of Weil McLain Model 88 Cast Iron Boiler.....	4,936.89	
23 01 50 61-0039 EA Removal And Replacement Of Rear Section Of Weil McLain Model 88 Cast Iron Boiler	3,684.53	
23 01 50 61-0040 EA Removal And Replacement Of Inside Section Of Weil McLain Model 88 Cast Iron Boiler	4,215.92	
23 01 50 61-0041 EA Removal And Replacement Of Front Section Of Weil McLain Model 94 Cast Iron Boiler	8,060.77	
23 01 50 61-0042 EA Removal And Replacement Of Rear Section Of Weil McLain Model 94 Cast Iron Boiler	6,340.91	
23 01 50 61-0043 EA Removal And Replacement Of Inside Section Of Weil McLain Model 94 Cast Iron Boiler	6,690.93	
23 01 50 61-0044 Cast Iron Grate Replacement <small>(23 01 50 61-0001)</small>		
23 01 50 61-0045 SF Removal And Replacement Of Cast Iron Boiler Grates, Prepared From Casting Mold Note: Includes support, linkages and removal of existing.	139.58	
23 01 50 61-0046 EA Prepare Cast Iron Boiler Grate Mold..... Note: Includes preparing unique size mold for grate casting. Mold to be used for multiple castings.	2,119.32	
23 01 50 61-0047 Replacement Or Conversion Of Boiler Burners <small>(23 01 50 61-0001)</small>		
<i>Note: Includes mounting plate, mechanical and electrical labor for installation of burners.</i>		
23 01 50 61-0048 EA 700 MBH Max Input Burner With 2" Boiler Connection, Screwed.....	10,321.42	1,052.03
23 01 50 61-0049 EA 2,100 MBH Max Input Burner With 2-1/2" Boiler Connection, Screwed.....	14,942.21	1,302.49
23 01 50 61-0050 EA 2,800 MBH Max Input Burner With 3" Boiler Connection, Screwed.....	17,640.42	1,577.93
23 01 50 61-0051 EA 3,800 MBH Max Input Burner With 4" Boiler Connection, Flanged.....	20,846.49	1,698.40
23 01 50 61-0052 Video Inspection Of Boiler Tubing <small>(23 01 50 61-0001)</small>		
23 01 50 61-0053 EA Initial Set Up For Boiler Tubing Video Camera Inspection.....	453.03	
23 01 50 61-0054 LF Boiler Tubing Inspection	0.55	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 01 Operation and Maintenance of HVAC Systems****23 01 50 Operation and Maintenance of Central Heating Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 01 50 61-0055		Boiler And Chiller Water Treatment ^(23 01 50 61) Note: 3 LB chemical per 50 gallon system water.		
23 01 50 61-0056	LB	Boil Out Boiler And System With Caustic Soda Note: Includes disposal after treatment.	1.65	
23 01 50 61-0057	LB	Boil Out Boiler And System With Trisodium Phosphate Note: Includes disposal after treatment.	2.48	
23 01 50 61-0058	GAL	Corrosion Resistant Chemical Treatment, Based On Gallons Of Chemical Required	155.08	
23 01 50 91		Central Heating Equipment Restoration ^(23 01 50)		
23 01 50 91-0001		Boiler Controllers ^(23 01 50 91)		
23 01 50 91-0002	EA	Modulating Controller For Up To 4 Boilers/Heaters For NEMA 4 Enclosure, Add	8,307.25 4,657.54	98.76
23 01 50 91-0003	EA	Staging Controller For Up To 4 Boiler/Heaters For NEMA 3R Enclosure, Add	1,704.37 324.94	98.76
23 01 60		Operation and Maintenance of Central Cooling Equipment ^(23 01)		
23 01 60 61		Central Cooling Equipment Repair ^(23 01 60)		
23 01 60 61-0001		Cooling Tower Repairs ^(23 01 60 61)		
23 01 60 61-0002	EA	Replace 6' Diameter 4 Blade, Cooling Tower Fan Blade	3,412.70	
23 01 60 61-0003	EA	Replace 6' Diameter 5 Blade, Cooling Tower Fan Blade	4,028.77	
23 01 60 61-0004	EA	Replace 6' Diameter 6 Blade, Cooling Tower Fan Blade	4,640.31	
23 01 60 61-0005	EA	Replace 6' Diameter 7 Blade, Cooling Tower Fan Blade	5,487.97	
23 01 60 61-0006	EA	Replace 6' Diameter 8 Blade, Cooling Tower Fan Blade	6,052.31	
23 01 60 61-0007	EA	Replace 8' Diameter 4 Blade, Cooling Tower Fan Blade	3,763.37	
23 01 60 61-0008	EA	Replace 8' Diameter 5 Blade, Cooling Tower Fan Blade	4,195.05	
23 01 60 61-0009	EA	Replace 8' Diameter 6 Blade, Cooling Tower Fan Blade	4,937.01	
23 01 60 61-0010	EA	Replace 8' Diameter 7 Blade, Cooling Tower Fan Blade	5,634.01	
23 01 60 61-0011	EA	Replace 8' Diameter 8 Blade, Cooling Tower Fan Blade	6,211.86	
23 01 60 61-0012	EA	Replace Individual Cooling Tower Fan Blade For 6' Diameter Fan.....	937.48	
23 01 60 61-0013	EA	Replace Individual Cooling Tower Fan Blade For 8' Diameter Fan.....	972.09	
23 01 60 61-0014	EA	Replace Individual Cooling Tower Fan Blade For 10' Diameter Fan.....	1,038.19	
23 01 60 61-0015	EA	Replace Individual Cooling Tower Fan Blade For 12' Diameter Fan.....	1,209.94	
23 01 60 61-0016	EA	Replace Individual Cooling Tower Fan Blade For 14' Diameter Fan.....	1,500.86	
23 01 60 61-0017	EA	Replace Individual Cooling Tower Fan Blade For 16' Diameter Fan.....	2,032.37	
23 01 60 61-0018	EA	Replace Individual Cooling Tower Fan Blade For 18' Diameter Fan.....	2,136.68	
23 01 60 61-0019	EA	Replace Individual Cooling Tower Fan Blade For 20' Diameter Fan.....	2,293.15	
23 01 60 61-0020	EA	Replace Counterflow Nozzle (1/2" - 2" NPT Thread).....	38.34	
23 01 60 61-0021	EA	Replace 6' Polyvinyl Chloride (PVC) Splash Fill	22.54	
23 01 60 71		Refrigerant Recovery/Recycling ^(23 01 60)		
23 01 60 71-0001		Refrigerant Recovery, Reclaim And Recycling ^(23 01 60 71)		
23 01 60 71-0002	LB	Recovery Of Refrigerant.....	11.33	
23 01 60 71-0003	LB	Recovery And Recharging Of Refrigerant..... Note: Includes cleaning refrigerant gas prior to recharging.	21.27	
23 01 60 71-0004	LB	Recharging Of Refrigerant..... Note: Excludes refrigerant filling at time of installation of HVAC or Condenser units.	9.55	
23 05		Common Work Results for HVAC ⁽²³⁾		
23 05 13		Common Motor Requirements for HVAC Equipment ^(23 05)		
		Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor.		
23 05 13 00-0001		Premium Efficient, Motors ^(23 05 13) Note: New equipment includes motor, unless otherwise stated. For use when replacing existing motor. Excludes installation.		
23 05 13 00-0002		Premium Efficient, Open Drip Proof Motors ^(23 05 13 00-0001) Note: NEMA premium efficiency, open drip proof, three phase AC motors.		
23 05 13 00-0003		Steel Frame, Premium Efficient, Open Drip Proof Motors ^(23 05 13 00-0002)		
23 05 13 00-0004	EA	1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	696.02	
23 05 13 00-0005	EA	1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	788.12	
23 05 13 00-0006	EA	1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	924.00	
23 05 13 00-0007	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	776.04	
23 05 13 00-0008	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	824.35	
23 05 13 00-0009	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,081.02	
23 05 13 00-0010	EA	2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	911.92	
23 05 13 00-0011	EA	2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	883.23	
23 05 13 00-0012	EA	2 HP, 1,200 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,105.17	
23 05 13 00-0013	EA	3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	924.00	
23 05 13 00-0014	EA	3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	952.68	
23 05 13 00-0015	EA	3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,407.13	
23 05 13 00-0016	EA	5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,008.55	
23 05 13 00-0017	EA	5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,043.27	
23 05 13 00-0018	EA	5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor	1,843.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0019	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,600.39	
23 05 13 00-0020	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,533.96	
23 05 13 00-0021	EA		7-1/2 HP, 1,200 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,210.35	
23 05 13 00-0022	EA		10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,829.88	
23 05 13 00-0023	EA		10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	1,857.05	
23 05 13 00-0024	EA		10 HP, 1,200 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,876.17	
23 05 13 00-0025	EA		15 HP, 3,600 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,599.88	
23 05 13 00-0026	EA		15 HP, 1,800 RPM, 254T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	2,630.07	
23 05 13 00-0027	EA		15 HP, 1,200 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,878.68	
23 05 13 00-0028	EA		20 HP, 3,600 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,054.33	
23 05 13 00-0029	EA		20 HP, 1,800 RPM, 256T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,301.93	
23 05 13 00-0030	EA		20 HP, 1,200 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,721.14	
23 05 13 00-0031	EA		25 HP, 3,600 RPM, 284TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	3,667.30	
23 05 13 00-0032	EA		25 HP, 1,800 RPM, 284T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,025.13	
23 05 13 00-0033	EA		25 HP, 1,200 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,702.51	
23 05 13 00-0034	EA		30 HP, 3,600 RPM, 286TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,327.09	
23 05 13 00-0035	EA		30 HP, 1,800 RPM, 286T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	4,401.07	
23 05 13 00-0036	EA		30 HP, 1,200 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,948.61	
23 05 13 00-0037	EA		40 HP, 3,600 RPM, 324TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,575.69	
23 05 13 00-0038	EA		40 HP, 1,800 RPM, 324T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	5,741.77	
23 05 13 00-0039	EA		50 HP, 3,600 RPM, 326TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	6,072.42	
23 05 13 00-0040	EA		50 HP, 1,800 RPM, 326T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	6,336.63	
23 05 13 00-0041	EA		60 HP, 3,600 RPM, 364TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	7,683.37	
23 05 13 00-0042	EA		60 HP, 1,800 RPM, 364T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	7,977.78	
23 05 13 00-0043	EA		75 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	10,079.42	
23 05 13 00-0044	EA		75 HP, 1,800 RPM, 365T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	9,792.56	
23 05 13 00-0045	EA		100 HP, 3,600 RPM, 365TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	10,773.93	
23 05 13 00-0046	EA		100 HP, 1,800 RPM, 404T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	11,392.95	
23 05 13 00-0047	EA		125 HP, 3,600 RPM, 404TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	13,521.77	
23 05 13 00-0048	EA		125 HP, 1,800 RPM, 405T NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	13,976.22	
23 05 13 00-0049	EA		150 HP, 3,600 RPM, 405TS NEMA Steel Frame, Premium Efficient, Open Drip Proof Motor.....	16,680.27	
23 05 13 00-0050			Cast Iron Frame, Premium Efficient, Open Drip Proof Motors (23 05 13 00-0002)		
23 05 13 00-0051	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	8,474.51	
23 05 13 00-0052	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	10,259.09	
23 05 13 00-0053	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	13,025.04	
23 05 13 00-0054	EA		75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	14,501.63	
23 05 13 00-0055	EA		100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	15,961.61	
23 05 13 00-0056	EA		125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	17,237.39	
23 05 13 00-0057	EA		150 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	15,525.27	
23 05 13 00-0058	EA		150 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	20,300.77	
23 05 13 00-0059	EA		200 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	18,902.70	
23 05 13 00-0060	EA		200 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	19,400.93	
23 05 13 00-0061	EA		200 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Open Drip Proof Motor.....	26,685.72	
23 05 13 00-0062			Premium Efficient, TEFC Motors (23 05 13 00-0001)		
Note: NEMA premium efficiency, totally enclosed fan cooled, three phase AC motors.					
23 05 13 00-0063			Steel Frame, Premium Efficient, TEFC Motors (23 05 13 00-0062)		
23 05 13 00-0064	EA		1 HP, 3,600 RPM, 56 NEMA Steel Frame, Premium Efficient, TEFC Motor.....	813.78	
23 05 13 00-0065	EA		1 HP, 1,800 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	896.82	
23 05 13 00-0066	EA		1 HP, 1,200 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,067.43	
23 05 13 00-0067	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	922.49	
23 05 13 00-0068	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	931.55	
23 05 13 00-0069	EA		2 HP, 3,600 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,010.06	
23 05 13 00-0070	EA		2 HP, 1,800 RPM, 145T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	966.27	
23 05 13 00-0071	EA		3 HP, 3,600 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,120.27	
23 05 13 00-0072	EA		3 HP, 1,800 RPM, 182T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,067.43	
23 05 13 00-0073	EA		3 HP, 1,200 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,713.62	
23 05 13 00-0074	EA		5 HP, 3,600 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,242.57	
23 05 13 00-0075	EA		5 HP, 1,800 RPM, 184T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,168.59	
23 05 13 00-0076	EA		5 HP, 1,200 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,935.56	
23 05 13 00-0077	EA		7-1/2 HP, 3,600 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,861.58	
23 05 13 00-0078	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,684.94	
23 05 13 00-0079	EA		10 HP, 3,600 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,887.25	
23 05 13 00-0080	EA		10 HP, 1,800 RPM, 215T NEMA Steel Frame, Premium Efficient, TEFC Motor.....	1,902.35	
23 05 13 00-0081			Cast Iron Frame, Premium Efficient, TEFC Motors (23 05 13 00-0062)		
23 05 13 00-0082	EA		1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,161.04	
23 05 13 00-0083	EA		1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,299.94	
23 05 13 00-0084	EA		1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,225.96	
23 05 13 00-0085	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,203.31	
23 05 13 00-0086	EA		1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,547.54	
23 05 13 00-0087	EA		2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,289.37	
23 05 13 00-0088	EA		2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,260.68	
23 05 13 00-0089	EA		2 HP, 1,200 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,571.70	
23 05 13 00-0090	EA		3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,392.04	
23 05 13 00-0091	EA		3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,431.29	
23 05 13 00-0092	EA		3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor.....	1,958.21	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 13 Common Motor Requirements for HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 13 00-0093	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,713.62	
23 05 13 00-0094	EA	5 HP, 1,800 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,432.80	
23 05 13 00-0095	EA	5 HP, 1,200 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,272.25	
23 05 13 00-0096	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,983.88	
23 05 13 00-0097	EA	7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	1,911.41	
23 05 13 00-0098	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,240.03	
23 05 13 00-0099	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,325.09	
23 05 13 00-0100	EA	10 HP, 1,800 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,143.92	
23 05 13 00-0101	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,699.01	
23 05 13 00-0102	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,203.80	
23 05 13 00-0103	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	2,932.03	
23 05 13 00-0104	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,934.03	
23 05 13 00-0105	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,516.32	
23 05 13 00-0106	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	3,555.58	
23 05 13 00-0107	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	6,569.14	
23 05 13 00-0108	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,588.28	
23 05 13 00-0109	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	4,650.18	
23 05 13 00-0110	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,432.75	
23 05 13 00-0111	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,451.89	
23 05 13 00-0112	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	5,516.81	
23 05 13 00-0113	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,586.23	
23 05 13 00-0114	EA	40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,473.51	
23 05 13 00-0115	EA	40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,213.82	
23 05 13 00-0116	EA	40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	10,699.95	
23 05 13 00-0117	EA	50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	8,175.57	
23 05 13 00-0118	EA	50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	7,884.18	
23 05 13 00-0119	EA	50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	12,923.93	
23 05 13 00-0120	EA	60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,485.05	
23 05 13 00-0121	EA	60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	11,344.64	
23 05 13 00-0122	EA	60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	15,694.37	
23 05 13 00-0123	EA	75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,361.73	
23 05 13 00-0124	EA	75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	13,265.10	
23 05 13 00-0125	EA	75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	18,276.13	
23 05 13 00-0126	EA	100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	16,473.43	
23 05 13 00-0127	EA	125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	20,394.38	
23 05 13 00-0128	EA	150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	23,459.27	
23 05 13 00-0129	EA	200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, TEFC Motor	29,483.37	

23 05 13 00-0130**Premium Efficient, Severe Duty Motors (23 05 13 00-0001)**

Note: NEMA premium efficiency, TEFC enclosure severe duty, three phase AC motors.

23 05 13 00-0131	EA	1 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,206.33	
23 05 13 00-0132	EA	1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,325.60	
23 05 13 00-0133	EA	1 HP, 1,200 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,464.51	
23 05 13 00-0134	EA	1 HP, 900 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,057.86	
23 05 13 00-0135	EA	1-1/2 HP, 3,600 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,372.41	
23 05 13 00-0136	EA	1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,351.27	
23 05 13 00-0137	EA	1-1/2 HP, 1,200 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,713.62	
23 05 13 00-0138	EA	1-1/2 HP, 900 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,560.62	
23 05 13 00-0139	EA	2 HP, 3,600 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,435.82	
23 05 13 00-0140	EA	2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,410.15	
23 05 13 00-0141	EA	2 HP, 1,200 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,736.27	
23 05 13 00-0142	EA	2 HP, 900 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,229.46	
23 05 13 00-0143	EA	3 HP, 3,600 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,698.52	
23 05 13 00-0144	EA	3 HP, 1,800 RPM, 182T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,784.58	
23 05 13 00-0145	EA	3 HP, 1,200 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,506.27	
23 05 13 00-0146	EA	3 HP, 900 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,502.74	
23 05 13 00-0147	EA	5 HP, 3,600 RPM, 184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,089.56	
23 05 13 00-0148	EA	5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	1,816.29	
23 05 13 00-0149	EA	5 HP, 1,200 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,539.48	
23 05 13 00-0150	EA	5 HP, 900 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,575.69	
23 05 13 00-0151	EA	7-1/2 HP, 3,600 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,726.70	
23 05 13 00-0152	EA	7-1/2 HP, 1,800 RPM, L213T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,287.35	
23 05 13 00-0153	EA	7-1/2 HP, 1,200 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,634.09	
23 05 13 00-0154	EA	7-1/2 HP, 900 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,375.89	
23 05 13 00-0155	EA	10 HP, 3,600 RPM, 215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,903.35	
23 05 13 00-0156	EA	10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	2,738.78	
23 05 13 00-0157	EA	10 HP, 1,200 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,721.14	
23 05 13 00-0158	EA	10 HP, 900 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,437.27	
23 05 13 00-0159	EA	15 HP, 3,600 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,714.11	
23 05 13 00-0160	EA	15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,489.15	
23 05 13 00-0161	EA	15 HP, 1,200 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,412.63	
23 05 13 00-0162	EA	15 HP, 900 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,928.44	
23 05 13 00-0163	EA	20 HP, 3,600 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,333.13	
23 05 13 00-0164	EA	20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	3,742.79	
23 05 13 00-0165	EA	20 HP, 1,200 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,354.24	
23 05 13 00-0166	EA	20 HP, 900 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,318.97	
23 05 13 00-0167	EA	25 HP, 3,600 RPM, 284TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,207.30	
23 05 13 00-0168	EA	25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	4,897.79	
23 05 13 00-0169	EA	25 HP, 1,200 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,684.88	
23 05 13 00-0170	EA	30 HP, 3,600 RPM, 286TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	6,348.71	
23 05 13 00-0171	EA	30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	5,815.75	
23 05 13 00-0172	EA	30 HP, 1,200 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,907.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 13 00-0173	EA		40 HP, 3,600 RPM, 324TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,722.11	
23 05 13 00-0174	EA		40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	7,609.39	
23 05 13 00-0175	EA		40 HP, 1,200 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	12,348.65	
23 05 13 00-0176	EA		50 HP, 3,600 RPM, 326TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	9,140.33	
23 05 13 00-0177	EA		50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	8,931.98	
23 05 13 00-0178	EA		50 HP, 1,200 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,153.38	
23 05 13 00-0179	EA		60 HP, 3,600 RPM, 364TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,265.10	
23 05 13 00-0180	EA		60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	11,971.20	
23 05 13 00-0181	EA		60 HP, 1,200 RPM, 404T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	17,966.62	
23 05 13 00-0182	EA		75 HP, 3,600 RPM, 365TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	14,829.26	
23 05 13 00-0183	EA		75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	13,988.30	
23 05 13 00-0184	EA		75 HP, 1,200 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,866.43	
23 05 13 00-0185	EA		100 HP, 3,600 RPM, 405TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,639.99	
23 05 13 00-0186	EA		100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	18,362.19	
23 05 13 00-0187	EA		100 HP, 1,200 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	24,051.11	
23 05 13 00-0188	EA		125 HP, 3,600 RPM, 444TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,902.67	
23 05 13 00-0189	EA		125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	21,707.90	
23 05 13 00-0190	EA		125 HP, 1,200 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	27,170.36	
23 05 13 00-0191	EA		150 HP, 3,600 RPM, 445TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,677.17	
23 05 13 00-0192	EA		150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	25,431.07	
23 05 13 00-0193	EA		150 HP, 1,200 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,633.84	
23 05 13 00-0194	EA		200 HP, 3,600 RPM, 447TS NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,405.86	
23 05 13 00-0195	EA		200 HP, 1,800 RPM, 447T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	30,593.08	
23 05 13 00-0196	EA		200 HP, 1,200 RPM, 449T NEMA Cast Iron Frame, Premium Efficient, Severe Duty Motor	40,127.46	

23 05 13 00-0197

Premium Efficient, Explosion Proof Motors (23 05 13 00-0001)

Note: NEMA premium efficiency, explosion proof, three phase AC motors.

23 05 13 00-0198	EA		1 HP, 1,800 RPM, 143T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,609.45	
23 05 13 00-0199	EA		1-1/2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,666.82	
23 05 13 00-0200	EA		2 HP, 1,800 RPM, 145T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	1,817.80	
23 05 13 00-0201	EA		3 HP, 1,800 RPM, L182T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,246.58	
23 05 13 00-0202	EA		5 HP, 1,800 RPM, L184T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	2,491.17	
23 05 13 00-0203	EA		7-1/2 HP, 1,800 RPM, 213T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,433.29	
23 05 13 00-0204	EA		10 HP, 1,800 RPM, L215T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	3,504.25	
23 05 13 00-0205	EA		15 HP, 1,800 RPM, 254T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	4,743.79	
23 05 13 00-0206	EA		20 HP, 1,800 RPM, 256T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	5,408.10	
23 05 13 00-0207	EA		25 HP, 1,800 RPM, 284T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,105.12	
23 05 13 00-0208	EA		30 HP, 1,800 RPM, 286T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	7,974.76	
23 05 13 00-0209	EA		40 HP, 1,800 RPM, 324T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	10,428.19	
23 05 13 00-0210	EA		50 HP, 1,800 RPM, 326T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	11,744.73	
23 05 13 00-0211	EA		60 HP, 1,800 RPM, 364T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	16,429.64	
23 05 13 00-0212	EA		75 HP, 1,800 RPM, 365T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	19,287.70	
23 05 13 00-0213	EA		100 HP, 1,800 RPM, 405T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	23,495.51	
23 05 13 00-0214	EA		125 HP, 1,800 RPM, 444T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	30,709.33	
23 05 13 00-0215	EA		150 HP, 1,800 RPM, 445T NEMA Cast Iron Frame, Premium Efficient, Explosion Proof Motor	35,039.44	

23 05 13 00-0216

Motor Mounting (23 05 13)

Note: Includes handling and motor installation on mounting base. Excludes mounting base.

23 05 13 00-0217	EA		1/2 HP Motor Mounting	170.80	86.90
23 05 13 00-0218	EA		3/4 HP Motor Mounting	196.80	108.63
23 05 13 00-0219	EA		1 HP Motor Mounting	210.52	108.63
23 05 13 00-0220	EA		1-1/2 HP Motor Mounting	226.31	108.63
23 05 13 00-0221	EA		2 HP Motor Mounting	244.66	130.35
23 05 13 00-0222	EA		3 HP Motor Mounting	282.89	130.35
23 05 13 00-0223	EA		5 HP Motor Mounting	335.28	217.26
23 05 13 00-0224	EA		7-1/2 HP Motor Mounting	431.06	217.26
23 05 13 00-0225	EA		10 HP Motor Mounting	565.78	380.20
23 05 13 00-0226	EA		15 HP Motor Mounting	696.34	380.20
23 05 13 00-0227	EA		20 HP Motor Mounting	822.94	543.14
23 05 13 00-0228	EA		25 HP Motor Mounting	933.23	543.14
23 05 13 00-0229	EA		30 HP Motor Mounting	1,131.55	543.14
23 05 13 00-0230	EA		40 HP Motor Mounting	1,274.98	814.71
23 05 13 00-0231	EA		50 HP Motor Mounting	1,414.44	814.71
23 05 13 00-0232	EA		75 HP Motor Mounting	1,707.99	1,194.92
23 05 13 00-0233	EA		100 HP Motor Mounting	2,057.35	1,194.92
23 05 13 00-0234	EA		125 HP Motor Mounting	2,514.55	1,629.43
23 05 13 00-0235	EA		150 HP Motor Mounting	2,920.12	1,629.43
23 05 13 00-0236	EA		200 HP Motor Mounting	3,352.73	1,955.31

23 05 13 00-0237

Motor Couplings (23 05 13)

23 05 13 00-0238	EA		5 To 15 HP, MGD Coupling (MagnaDrive MGE-07)	4,942.87	65.18
23 05 13 00-0239	EA		>15 To 50 HP, MGD Coupling (MagnaDrive MGE-11)	6,434.29	97.77
23 05 13 00-0240	EA		>50 To 100 HP, MGD Coupling (MagnaDrive MGE-15)	11,218.58	130.36

23 05 16 Expansion Fittings and Loops for HVAC Piping (23 05)

23 05 16 00-0001

Stainless Steel Bellows Type Expansion Joints (23 05 16)

Note: Includes internal sleeves and external covers.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 16 Expansion Fittings and Loops for HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 16 00-0002			Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001) Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0003	EA		1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	277.57	86.42
			For 300 LB Rating, Add	26.16	
23 05 16 00-0004	EA		3/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	309.42	97.46
			For 300 LB Rating, Add	28.66	
23 05 16 00-0005	EA		1" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	372.83	111.72
			For 300 LB Rating, Add	37.37	
23 05 16 00-0006	EA		1-1/4" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	428.48	124.70
			For 300 LB Rating, Add	44.84	
23 05 16 00-0007	EA		1-1/2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	467.23	134.02
			For 300 LB Rating, Add	49.80	
23 05 16 00-0008	EA		2" Threaded, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	524.50	157.71
			For 300 LB Rating, Add	52.29	
23 05 16 00-0009			Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001) Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0010	EA		1-1/4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	511.50	86.41
			For 300 LB Rating, Add	101.04	
23 05 16 00-0011	EA		1-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	560.52	103.69
			For 300 LB Rating, Add	107.65	
23 05 16 00-0012	EA		2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	595.26	131.64
			For 300 LB Rating, Add	107.67	
23 05 16 00-0013	EA		2-1/2" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	642.12	143.20
			For 300 LB Rating, Add	115.64	
23 05 16 00-0014	EA		3" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	709.96	167.89
			For 300 LB Rating, Add	124.96	
23 05 16 00-0015	EA		4" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	891.87	281.45
			For 300 LB Rating, Add	134.79	
23 05 16 00-0016	EA		5" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,188.07	307.81
			For 300 LB Rating, Add	200.98	
23 05 16 00-0017	EA		6" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,117.51	342.01
			For 300 LB Rating, Add	172.12	
23 05 16 00-0018	EA		8" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,435.25	437.01
			For 300 LB Rating, Add	223.10	
23 05 16 00-0019	EA		10" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,819.36	532.01
			For 300 LB Rating, Add	288.59	
23 05 16 00-0020	EA		12" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,372.81	402.99
			For 300 LB Rating, Add	391.44	
23 05 16 00-0021	EA		14" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,001.89	760.01
			For 300 LB Rating, Add	512.97	
23 05 16 00-0022	EA		16" Flanged, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,834.28	836.01
			For 300 LB Rating, Add	697.32	
23 05 16 00-0023			Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joints (23 05 16 00-0001) Note: Carbon steel ends. Includes internal sleeves and external covers.		
23 05 16 00-0024	EA		1-1/4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	561.56	118.51
			For 300 LB Rating, Add	81.16	
23 05 16 00-0025	EA		1-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	584.84	119.49
			For 300 LB Rating, Add	86.46	
23 05 16 00-0026	EA		2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	593.04	123.45
			For 300 LB Rating, Add	86.48	
23 05 16 00-0027	EA		2-1/2" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	641.06	134.60
			For 300 LB Rating, Add	92.88	
23 05 16 00-0028	EA		3" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	719.23	158.30
			For 300 LB Rating, Add	100.58	
23 05 16 00-0029	EA		4" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,062.88	315.23
			For 300 LB Rating, Add	108.27	
23 05 16 00-0030	EA		5" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,287.58	321.77
			For 300 LB Rating, Add	161.42	
23 05 16 00-0031	EA		6" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,264.98	356.26
			For 300 LB Rating, Add	138.25	
23 05 16 00-0032	EA		8" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,529.73	407.08
			For 300 LB Rating, Add	179.19	
23 05 16 00-0033	EA		10" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	1,922.69	498.76
			For 300 LB Rating, Add	231.79	
23 05 16 00-0034	EA		12" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,466.71	604.58
			For 300 LB Rating, Add	314.40	
23 05 16 00-0035	EA		14" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	2,943.36	615.61
			For 300 LB Rating, Add	427.97	
23 05 16 00-0036	EA		16" Butt Weld, 150 LB, Stainless Steel Bellows Type Expansion Joint.....	3,866.44	769.50
			For 300 LB Rating, Add	581.77	
23 05 17 Sleeves and Sleeve Seals for HVAC Piping (23 05)					
23 05 17 00-0001			Wall Seals And Sleeves (23 05 17) Note: Up to 12" walls. Excludes drilling hole.		
23 05 17 00-0002			Ductile Iron Wall Sleeve (23 05 17 00-0001) Note: Includes rubber gasket seal.		
23 05 17 00-0003	EA		3" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	116.92	46.98
23 05 17 00-0004	EA		4" Ductile Iron Wall Sleeve With Rubber Gasket Seal.....	144.56	54.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 17 00-0005 EA 6" Ductile Iron Wall Sleeve With Rubber Gasket Seal	176.84	65.83
23 05 17 00-0006 EA 8" Ductile Iron Wall Sleeve With Rubber Gasket Seal	250.62	98.70
23 05 17 00-0007 EA 10" Ductile Iron Wall Sleeve With Rubber Gasket Seal	321.91	131.56
23 05 17 00-0008 EA 12" Ductile Iron Wall Sleeve With Rubber Gasket Seal	396.65	164.53
23 05 17 00-0009 Steel Pipe Sleeves <small>(23 05 17 00-0001)</small>		
<small>Note: Includes link seals 12" length.</small>		
23 05 17 00-0010 EA 2" Steel Pipe Sleeve With Link Seals.....	145.11	47.71
23 05 17 00-0011 EA 2-1/2" Steel Pipe Sleeve With Link Seals	184.40	51.72
23 05 17 00-0012 EA 3" Steel Pipe Sleeve With Link Seals.....	221.26	55.72
23 05 17 00-0013 EA 4" Steel Pipe Sleeve With Link Seals.....	276.82	66.85
23 05 17 00-0014 EA 6" Steel Pipe Sleeve With Link Seals.....	412.01	83.49
23 05 17 00-0015 EA 10" Steel Pipe Sleeve With Link Seals.....	1,034.13	100.23
23 05 17 00-0016 EA 13-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,250.44	125.28
23 05 17 00-0017 EA 17-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	1,723.86	154.15
23 05 17 00-0018 EA 23-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,455.03	200.44
23 05 17 00-0019 EA 29-1/4" Inside Diameter Steel Pipe Sleeve With Link Seals	2,357.24	250.55
23 05 19 Meters and Gages for HVAC Piping <small>(23 05)</small>		
<small>See CSI section 33 19 00 00-0000 for water utility service metering.</small>		
23 05 19 00-0001 Thermometers <small>(23 05 19)</small>		
23 05 19 00-0002 Dial Type, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometers <small>(23 05 19 00-0001)</small>		
<small>Note: Various ranges.</small>		
23 05 19 00-0003 EA 2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	105.41	34.31
23 05 19 00-0004 EA 2-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	123.77	34.31
23 05 19 00-0005 EA 3-1/2" Diameter Dial, Bi-Metal, 4" To 9" Stem, Steel Case, Brass Stem, Thermometer	123.77	34.31
23 05 19 00-0006 Liquid Filled Industrial Union Connection Type Thermometers <small>(23 05 19 00-0001)</small>		
<small>Note: Various ranges.</small>		
23 05 19 00-0007 EA 7" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	142.13	34.31
23 05 19 00-0008 EA 9" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	142.13	34.31
23 05 19 00-0009 EA 12" Scale, Angle Stem, Liquid Filled Industrial Union Connection Type Thermometer	180.53	34.31
23 05 19 00-0010 EA 7" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	147.14	34.31
23 05 19 00-0011 EA 9" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	155.49	34.31
23 05 19 00-0012 EA 12" Scale, Straight Stem, Liquid Filled Industrial Union Connection Type Thermometer	185.54	34.31
23 05 19 00-0013 Liquid Filled Industrial Separable Socket Type Thermometers <small>(23 05 19 00-0001)</small>		
<small>Note: Various ranges. Socket connection for thermowell.</small>		
23 05 19 00-0014 EA 7" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	142.13	34.31
23 05 19 00-0015 EA 9" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	142.13	34.31
23 05 19 00-0016 EA 12" Scale, Angle Stem, Liquid Filled Industrial Separable Socket Type Thermometer	180.53	34.31
23 05 19 00-0017 EA 7" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	163.84	34.31
23 05 19 00-0018 EA 9" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	180.53	34.31
23 05 19 00-0019 EA 12" Scale, Straight Stem, Liquid Filled Industrial Separable Socket Type Thermometer	184.79	34.31
23 05 19 00-0020 1" NPT, 304 Stainless Steel Thermowells <small>(23 05 19 00-0001)</small>		
23 05 19 00-0021 EA 4" Long, 1" NPT, 304 Stainless Steel Thermowell	182.26	64.33
23 05 19 00-0022 EA 8" Long, 1" NPT, 304 Stainless Steel Thermowell	182.17	64.33
23 05 19 00-0023 Pressure Gauges <small>(23 05 19)</small>		
23 05 19 00-0024 Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges <small>(23 05 19 00-0023)</small>		
23 05 19 00-0025 EA 2" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	37.48	13.40
23 05 19 00-0026 EA 4" Diameter Dial, Steel Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	47.33	13.40
23 05 19 00-0027 Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges <small>(23 05 19 00-0023)</small>		
23 05 19 00-0028 EA 3-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	302.27	13.40
23 05 19 00-0029 EA 4-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	302.27	13.40
23 05 19 00-0030 EA 6" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	395.83	13.40
23 05 19 00-0031 EA 8-1/2" Diameter Dial, Aluminum Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	946.77	13.40
23 05 19 00-0032 Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauges <small>(23 05 19 00-0023)</small>		
<small>Note: Liquid filled.</small>		
23 05 19 00-0033 EA 2-1/2" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge	141.60	13.40
23 05 19 00-0034 EA 4" Diameter Dial, Brass Case, 0 To 60 PSI Or 0 To 100 PSI, Pressure Gauge.....	325.19	13.40
23 05 19 00-0035 Steel Case, 0 To 10K PSI High Pressure, Pressure Gauges <small>(23 05 19 00-0023)</small>		
23 05 19 00-0036 EA 4-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.63	13.40
23 05 19 00-0037 EA 6-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.63	13.40
23 05 19 00-0038 EA 8-1/2" Diameter Dial, Steel Case, 0 To 10K PSI High Pressure, Pressure Gauge	325.63	13.40

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 19 Meters and Gages for HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0039			Gauge Accessories <small>(23 05 19 00-0023)</small>		
23 05 19 00-0040	EA		Pete's Plug (Valve Cock For Removable Pressure Gauge Or Thermometer)	88.88	10.72
23 05 19 00-0041	EA		1/4" Snubber Valve	53.40	10.72
23 05 19 00-0042	EA		1/4" Female Pipe Thread, Brass Gauge Cock	33.37	16.09
23 05 19 00-0043	EA		1/4" Male Pipe Thread, Brass Gauge Cock	28.43	16.09
23 05 19 00-0044	EA		1/4" Pressure Pigtail Steam Siphon	45.42	16.09
23 05 19 00-0045	EA		1/4" x 3" Long Black Steel Nipple	8.32	5.36
23 05 19 00-0046	EA		1/4" Steel Thread-O-Let	61.85	26.80
23 05 19 00-0047	EA		1/4", 300 LB, Black Steel Union	111.81	10.72
23 05 19 00-0048	EA		1/4" Black Steel Coupling	24.79	10.72
23 05 19 00-0049	EA		1/4", 300 LB, Black Steel Plug	13.64	6.43
23 05 19 00-0050	EA		1/4", 150 LB, Black Steel Cap	14.75	6.43
23 05 19 00-0051	LF		1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe	10.47	3.54
23 05 19 00-0052	LF		1/4" Schedule 80, Plain End, Black Steel Pipe	10.48	3.54
23 05 19 00-0053	LF		1/4" Schedule 40, Threaded And Coupled, Galvanized Steel Pipe	9.00	
23 05 19 00-0054	EA		1/4" Threaded, 800 LB, Forged Steel, Ball Valve	109.32	
23 05 19 00-0055			Valve Lock Covers <small>(23 05 19)</small>		
23 05 19 00-0056	EA		Valve Lock Cover	84.42	16.41
23 05 19 00-0057			Sight Flow Indicator <small>(23 05 19)</small>		
23 05 19 00-0058			Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator <small>(23 05 19 00-0057)</small>		
23 05 19 00-0059	EA		1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	166.60	15.61
23 05 19 00-0060	EA		3/8" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	173.97	16.42
23 05 19 00-0061	EA		1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	188.32	17.26
23 05 19 00-0062	EA		3/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	209.51	23.25
23 05 19 00-0063	EA		1" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	250.31	28.19
23 05 19 00-0064	EA		1-1/4" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	282.56	35.68
23 05 19 00-0065	EA		1-1/2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	403.70	41.26
23 05 19 00-0066	EA		2" Threaded, Single Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-100)	446.22	48.76
23 05 19 00-0067			Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator <small>(23 05 19 00-0057)</small>		
23 05 19 00-0068	EA		1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	218.23	15.61
23 05 19 00-0069	EA		3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	224.46	16.42
23 05 19 00-0070	EA		1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	242.25	17.26
23 05 19 00-0071	EA		3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	255.41	23.25
23 05 19 00-0072	EA		1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	269.82	28.19
23 05 19 00-0073	EA		1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	290.59	35.68
23 05 19 00-0074	EA		1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	559.74	41.26
23 05 19 00-0075	EA		2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Bronze Body, Sight Flow Indicator (Dwyer SFI-300)	597.67	48.76
23 05 19 00-0076			Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator <small>(23 05 19 00-0057)</small>		
23 05 19 00-0077	EA		1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	318.05	15.61
23 05 19 00-0078	EA		3/8" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	335.75	16.42
23 05 19 00-0079	EA		1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	365.02	17.26
23 05 19 00-0080	EA		3/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	395.38	23.25
23 05 19 00-0081	EA		1" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	453.39	28.19
23 05 19 00-0082	EA		1-1/4" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	477.61	35.68
23 05 19 00-0083	EA		1-1/2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS)	972.78	41.26

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0084 EA 2" Threaded, Double Window, Acrylonitrile Butadiene Styrene (ABS) Plastic Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-300SS).....	1,022.19	48.76
23 05 19 00-0085 Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicators <small>(23 05 19 00-0057)</small>		
23 05 19 00-0086 EA 1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	214.79	15.61
23 05 19 00-0087 EA 3/8" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	223.31	16.42
23 05 19 00-0088 EA 1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	236.51	17.26
23 05 19 00-0089 EA 3/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	254.26	23.25
23 05 19 00-0090 EA 1" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	268.67	28.19
23 05 19 00-0091 EA 1-1/4" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	290.59	35.68
23 05 19 00-0092 EA 1-1/2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	552.85	41.26
23 05 19 00-0093 EA 2" Threaded, Double Window, 304SS Flapper, Bronze Body, Sight Flow Indicator (Dwyer SFI-360).....	588.50	48.76
23 05 19 00-0094 Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicators <small>(23 05 19 00-0057)</small>		
23 05 19 00-0095 EA 1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	315.75	15.61
23 05 19 00-0096 EA 3/8" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	340.34	16.42
23 05 19 00-0097 EA 1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	371.90	17.26
23 05 19 00-0098 EA 3/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	395.38	23.25
23 05 19 00-0099 EA 1" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	453.39	28.19
23 05 19 00-0100 EA 1-1/4" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	482.20	35.68
23 05 19 00-0101 EA 1-1/2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	972.78	41.26
23 05 19 00-0102 EA 2" Threaded, Double Window, 304SS Flapper, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-360SS).....	1,022.19	48.76
23 05 19 00-0103 Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicators <small>(23 05 19 00-0057)</small>		
23 05 19 00-0104 EA 1" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	462.57	28.19
23 05 19 00-0105 EA 1-1/4" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	518.92	35.68
23 05 19 00-0106 EA 1-1/2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	589.57	41.26
23 05 19 00-0107 EA 2" Threaded, Tube Style, Without Impeller, Cast Iron Body, Sight Flow Indicator (Dwyer SFI-400).....	661.93	48.76
23 05 19 00-0108 Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicators <small>(23 05 19 00-0057)</small>		
23 05 19 00-0109 EA 1-1/2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,015.86	112.53
23 05 19 00-0110 EA 2" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,131.49	142.86
23 05 19 00-0111 EA 3" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	1,674.58	167.79
23 05 19 00-0112 EA 4" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	2,521.56	281.28
23 05 19 00-0113 EA 6" Flanged, Double Window, 316SS Flapper, Carbon Steel Body, Sight Flow Indicator (Dwyer SFI-360FCS).....	4,101.61	338.73
23 05 19 00-0114 Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicators <small>(23 05 19 00-0057)</small>		
23 05 19 00-0115 EA 1" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	780.34	80.37
23 05 19 00-0116 EA 1-1/4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	921.93	93.77
23 05 19 00-0117 EA 1-1/2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	992.34	112.53
23 05 19 00-0118 EA 2" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	1,243.36	142.86
23 05 19 00-0119 EA 3" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	1,811.69	167.79
23 05 19 00-0120 EA 4" Flanged, Tube Style, Without Impeller, Stainless Steel Body, Sight Flow Indicator (Dwyer SFI-400F).....	2,670.14	281.28
23 05 19 00-0121 Venturi Flowmeters <small>(23 05 19)</small>		
23 05 19 00-0122 Threaded, Brass, Venturi Flowmeters <small>(23 05 19 00-0121)</small>		
23 05 19 00-0123 EA 3/4" Threaded, Brass, Venturi Flowmeter.....	297.11	72.91
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0124 EA 1" Threaded, Brass, Venturi Flowmeter.....	327.39	87.49
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0125 EA 1-1/4" Threaded, Brass, Venturi Flowmeter.....	361.00	97.25
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0126 EA 1-1/2" Threaded, Brass, Venturi Flowmeter.....	406.90	109.37
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0127 EA 2" Threaded, Brass, Venturi Flowmeter.....	484.97	125.02
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0128 EA 2-1/2" Threaded, Brass, Venturi Flowmeter.....	662.06	172.93
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0129 Butt Weld, Carbon Steel, Venturi Flowmeters <small>(23 05 19 00-0121)</small>		
23 05 19 00-0130 EA 3" Butt Weld, Carbon Steel, Venturi Flowmeter.....	2,447.10	150.34
<i>For Flanged Ends, Add</i>	751.25	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0131 EA 4" Butt Weld, Carbon Steel, Venturi Flowmeter.....	3,437.35	180.40
<i>For Flanged Ends, Add</i>	1,076.79	
<i>For Portable Venturi Flow Meter, Add</i>	995.00	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 19 Meters and Gages for HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 19 00-0132	EA		5" Butt Weld, Carbon Steel, Venturi Flowmeter	4,529.22	225.50
			<i>For Flanged Ends, Add</i>	1,427.37	
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0133	EA		6" Butt Weld, Carbon Steel, Venturi Flowmeter	5,323.47	300.67
			<i>For Flanged Ends, Add</i>	1,652.75	
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0134	EA		8" Butt Weld, Carbon Steel, Venturi Flowmeter	7,947.90	360.80
			<i>For Flanged Ends, Add</i>	2,529.21	
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0135	EA		10" Butt Weld, Carbon Steel, Venturi Flowmeter	13,279.74	451.01
			<i>For Flanged Ends, Add</i>	4,332.21	
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0136	EA		12" Butt Weld, Carbon Steel, Venturi Flowmeter	20,028.36	641.45
			<i>For Flanged Ends, Add</i>	6,560.91	
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0137	EA		14" Butt Weld, Carbon Steel, Venturi Flowmeter	27,967.67	962.17
			<i>For Flanged Ends, Add</i>	9,115.16	
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0138	EA		16" Butt Weld, Carbon Steel, Venturi Flowmeter	42,562.55	1,069.08
			<i>For Flanged Ends, Add</i>	14,148.53	
			<i>For Portable Venturi Flow Meter, Add</i>	995.00	
23 05 19 00-0139			Turbine Flowmeter <small>(23 05 19)</small>		
23 05 19 00-0140	EA		Saddle Mount Turbine Flowmeter	1,783.33	80.41
23 05 19 00-0141			Water Flow Switches <small>(23 05 19)</small>		
23 05 19 00-0142	EA		Flexible Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BF-1)	281.90	31.60
23 05 19 00-0143	EA		Rigid Paddle, Single Switch, Brass Body, Water Flow Switch (Taco IFS01BR-1)	292.39	31.60
23 05 19 00-0144	EA		Flexible Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BF-1)	381.01	31.60
23 05 19 00-0145	EA		Rigid Paddle, Double Switch, Brass Body, Water Flow Switch (Taco IFS02BR-1)	394.43	31.60
23 05 19 00-0146	EA		Flexible Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BF-1)	305.81	31.60
23 05 19 00-0147	EA		Rigid Paddle, High Current Single Switch, Brass Body, Water Flow Switch (Taco IFSH1BR-1)	318.05	31.60
23 05 19 00-0148	EA		Flexible Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BF-1)	404.93	31.60
23 05 19 00-0149	EA		Rigid Paddle, High Current Double Switch, Brass Body, Water Flow Switch (Taco IFSH2BR-1)	417.16	31.60
23 05 19 00-0150	EA		Flexible Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SF-1)	811.26	31.60
23 05 19 00-0151	EA		Rigid Paddle, Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS01SR-1)	823.11	31.60
23 05 19 00-0152	EA		Flexible Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SF-1)	935.77	31.60
23 05 19 00-0153	EA		Rigid Paddle, Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFS02SR-1)	952.07	31.60
23 05 19 00-0154	EA		Flexible Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SF-1)	839.42	31.60
23 05 19 00-0155	EA		Rigid Paddle, High Current Single Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH1SR-1)	855.73	31.60
23 05 19 00-0156	EA		Flexible Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SF-1)	963.93	31.60
23 05 19 00-0157	EA		Rigid Paddle, High Current Double Switch, 316 Stainless Steel Body, Water Flow Switch (Taco IFSH2SR-1)	981.72	31.60
23 05 23			General-Duty Valves For HVAC Piping <small>(23 05)</small>		
Note: Flanged valves exclude bolt and gasket sets. See CSI section 22 05 23 00-0000 for additional valves, 23 21 13 23-0713 for bolt and gasket sets.					
23 05 23 00-0001			Gate Valves <small>(23 05 23)</small>		
23 05 23 00-0002			Class 125 Threaded, Bronze Gate Valves <small>(23 05 23 00-0001)</small>		
Note: 125 psi steam, basic rating, 200 psi cold working pressure.					
23 05 23 00-0003	EA		1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	63.19	10.72
			<i>For 250 LB Rating, Add</i>	8.00	
			<i>For 150 LB Rating, Add</i>	3.20	
			<i>For 300 LB Rating, Add</i>	11.19	
			<i>For Work In Restricted Working Space, Add</i>	9.36	
			<i>For 200 LB Rating, Add</i>	4.80	
23 05 23 00-0004	EA		3/8" Diameter, 125 LB, Threaded Bronze Gate Valve	64.83	10.72
			<i>For 250 LB Rating, Add</i>	8.00	
			<i>For 150 LB Rating, Add</i>	3.20	
			<i>For 300 LB Rating, Add</i>	11.19	
			<i>For Work In Restricted Working Space, Add</i>	9.86	
			<i>For 200 LB Rating, Add</i>	4.80	
23 05 23 00-0005	EA		1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	66.56	10.72
			<i>For 250 LB Rating, Add</i>	8.00	
			<i>For 150 LB Rating, Add</i>	3.20	
			<i>For 300 LB Rating, Add</i>	11.19	
			<i>For Work In Restricted Working Space, Add</i>	10.37	
			<i>For 200 LB Rating, Add</i>	4.80	
23 05 23 00-0006	EA		3/4" Diameter, 125 LB, Threaded Bronze Gate Valve	84.75	11.79
			<i>For 250 LB Rating, Add</i>	9.54	
			<i>For 150 LB Rating, Add</i>	3.82	
			<i>For 300 LB Rating, Add</i>	13.36	
			<i>For Work In Restricted Working Space, Add</i>	13.98	
			<i>For 200 LB Rating, Add</i>	5.72	
23 05 23 00-0007	EA		1" Diameter, 125 LB, Threaded Bronze Gate Valve	114.06	13.40
			<i>For 250 LB Rating, Add</i>	14.41	
			<i>For 150 LB Rating, Add</i>	5.77	
			<i>For 300 LB Rating, Add</i>	20.18	
			<i>For Work In Restricted Working Space, Add</i>	16.92	
			<i>For 200 LB Rating, Add</i>	8.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0008 EA 1-1/4" Diameter, 125 LB, Threaded Bronze Gate Valve	149.18	14.26
For 250 LB Rating, Add	19.43	
For 150 LB Rating, Add	7.77	
For 300 LB Rating, Add	27.21	
For Work In Restricted Working Space, Add	21.44	
For 200 LB Rating, Add	11.66	
23 05 23 00-0009 EA 1-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	180.39	16.50
For 250 LB Rating, Add	24.49	
For 150 LB Rating, Add	9.80	
For 300 LB Rating, Add	34.28	
For Work In Restricted Working Space, Add	24.73	
For 200 LB Rating, Add	14.69	
23 05 23 00-0010 EA 2" Diameter, 125 LB, Threaded Bronze Gate Valve	231.26	19.50
For 250 LB Rating, Add	33.46	
For 150 LB Rating, Add	13.38	
For 300 LB Rating, Add	46.84	
For Work In Restricted Working Space, Add	29.23	
For 200 LB Rating, Add	20.07	
23 05 23 00-0011 EA 2-1/2" Diameter, 125 LB, Threaded Bronze Gate Valve	513.28	26.35
For Chain Operated Type, Add	171.76	
For 250 LB Rating, Add	95.42	
For 150 LB Rating, Add	38.17	
For 300 LB Rating, Add	133.59	
For Work In Restricted Working Space, Add	39.48	
For 200 LB Rating, Add	57.25	
23 05 23 00-0012 EA 3" Diameter, 125 LB, Threaded Bronze Gate Valve	608.09	30.59
For Chain Operated Type, Add	205.31	
For 250 LB Rating, Add	114.06	
For 150 LB Rating, Add	45.63	
For 300 LB Rating, Add	159.69	
For Work In Restricted Working Space, Add	45.55	
For 200 LB Rating, Add	68.44	
23 05 23 00-0013 EA 4" Diameter, 125 LB, Threaded Bronze Gate Valve	1,259.63	34.54
For Chain Operated Type, Add	489.11	
For 250 LB Rating, Add	271.73	
For 150 LB Rating, Add	108.69	
For 300 LB Rating, Add	380.42	
For Work In Restricted Working Space, Add	51.82	
For 200 LB Rating, Add	163.04	
23 05 23 00-0014 Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0001)</small> Note: 125 psi steam, basic rating, 200 psi cold working pressure.		
23 05 23 00-0015 EA 1-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	271.35	16.50
For Chain Operated Type, Add	66.12	
For 150 LB Rating, Add	37.78	
For Work In Restricted Working Space, Add	24.73	
For 250 LB Rating, Add	66.12	
23 05 23 00-0016 EA 2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	416.65	19.50
For Chain Operated Type, Add	111.73	
For 150 LB Rating, Add	63.84	
For Work In Restricted Working Space, Add	29.23	
For 250 LB Rating, Add	111.73	
23 05 23 00-0017 EA 2-1/2" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	611.70	26.35
For Chain Operated Type, Add	168.04	
For 150 LB Rating, Add	96.02	
For Work In Restricted Working Space, Add	39.48	
For 250 LB Rating, Add	168.04	
23 05 23 00-0018 EA 3" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	781.76	30.59
For Chain Operated Type, Add	220.47	
For 150 LB Rating, Add	125.98	
For Work In Restricted Working Space, Add	45.55	
For 250 LB Rating, Add	220.47	
23 05 23 00-0019 EA 4" Diameter, Class 125 Non-Rising Stem, Threaded, Cast Iron Body, Bronze Trim Gate Valve	1,868.40	34.54
For Chain Operated Type, Add	593.49	
For 150 LB Rating, Add	339.14	
For Work In Restricted Working Space, Add	51.82	
For 250 LB Rating, Add	593.49	
23 05 23 00-0020 Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0001)</small> Note: 125 psi steam, basic rating, 200 psi cold working pressure.		
23 05 23 00-0021 EA 1-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	457.22	112.53
For 250 LB Rating, Add	158.11	
For 150 LB Rating, Add	91.70	
For Chain Operated Type, Add	158.11	
For 300 LB Rating, ASTM A182, Add	386.72	
For Work In Restricted Working Space, Add	42.30	
23 05 23 00-0022 EA 2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	509.32	142.86
For 250 LB Rating, Add	165.35	
For 150 LB Rating, Add	95.90	
For Chain Operated Type, Add	165.35	
For 300 LB Rating, ASTM A182, Add	420.01	
For Work In Restricted Working Space, Add	53.59	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05	23 00-0023	EA	2-1/2" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	576.23	143.11
			For 250 LB Rating, Add	198.39	
			For 150 LB Rating, Add	115.07	
			For Chain Operated Type, Add	198.39	
			For 300 LB Rating, ASTM A182, Add	486.51	
			For Work In Restricted Working Space, Add	53.84	
23 05	23 00-0024	EA	3" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	705.94	167.79
			For 250 LB Rating, Add	247.98	
			For 150 LB Rating, Add	143.83	
			For Chain Operated Type, Add	247.98	
			For 300 LB Rating, ASTM A182, Add	600.95	
			For Work In Restricted Working Space, Add	63.00	
23 05	23 00-0025	EA	4" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,013.79	281.28
			For 250 LB Rating, Add	330.65	
			For 150 LB Rating, Add	191.78	
			For Chain Operated Type, Add	330.65	
			For 300 LB Rating, ASTM A182, Add	837.55	
			For Work In Restricted Working Space, Add	105.75	
23 05	23 00-0026	EA	5" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,240.09	304.85
			For 250 LB Rating, Add	429.81	
			For 150 LB Rating, Add	249.29	
			For Chain Operated Type, Add	429.81	
			For 300 LB Rating, ASTM A182, Add	1,049.85	
			For Work In Restricted Working Space, Add	114.14	
23 05	23 00-0027	EA	6" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,482.80	338.73
			For 250 LB Rating, Add	528.94	
			For 150 LB Rating, Add	306.78	
			For Chain Operated Type, Add	528.94	
			For 300 LB Rating, ASTM A182, Add	1,270.34	
			For Work In Restricted Working Space, Add	127.48	
23 05	23 00-0028	EA	8" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,290.03	432.82
			For 250 LB Rating, Add	876.19	
			For 150 LB Rating, Add	508.19	
			For Chain Operated Type, Add	876.19	
			For 300 LB Rating, ASTM A182, Add	2,021.20	
			For Work In Restricted Working Space, Add	161.30	
23 05	23 00-0029	EA	10" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	2,972.92	526.91
			For 250 LB Rating, Add	1,157.15	
			For 150 LB Rating, Add	671.14	
			For Chain Operated Type, Add	1,157.15	
			For 300 LB Rating, ASTM A182, Add	2,643.61	
			For Work In Restricted Working Space, Add	197.59	
23 05	23 00-0030	EA	12" Diameter, Class 125 Non-Rising Stem, Flanged, Cast Iron Body, Bronze Trim Gate Valve.....	4,104.63	639.81
			For 250 LB Rating, Add	1,653.15	
			For 150 LB Rating, Add	958.82	
			For Chain Operated Type, Add	1,653.15	
			For 300 LB Rating, ASTM A182, Add	3,705.46	
			For Work In Restricted Working Space, Add	239.50	
23 05	23 00-0031		Class 125 Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0001)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure.		
23 05	23 00-0032	EA	1-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	545.52	16.50
			For 175 LB Rating, Add	231.54	
			For 250 LB Rating, Add	347.31	
			For Work In Restricted Working Space, Add	24.73	
23 05	23 00-0033	EA	2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	696.07	19.50
			For 175 LB Rating, Add	299.32	
			For 250 LB Rating, Add	448.98	
			For Work In Restricted Working Space, Add	29.23	
23 05	23 00-0034	EA	2-1/2" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve	806.64	26.35
			For 175 LB Rating, Add	337.52	
			For 250 LB Rating, Add	506.28	
			For Work In Restricted Working Space, Add	39.48	
23 05	23 00-0035	EA	3" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	896.68	30.59
			For 175 LB Rating, Add	372.42	
			For 250 LB Rating, Add	558.63	
			For Work In Restricted Working Space, Add	45.55	
23 05	23 00-0036	EA	4" Diameter, 125 LB Outside Stem And Yoke, Threaded, Cast Iron Body, Bronze Trim Gate Valve.....	1,201.24	34.54
			For 175 LB Rating, Add	514.26	
			For 250 LB Rating, Add	771.39	
			For Work In Restricted Working Space, Add	51.82	
23 05	23 00-0037		Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valves <small>(23 05 23 00-0001)</small>		
			Note: 125 psi steam, basic rating. 200 psi cold working pressure for up to 12". 100 psi steam, basic rating. 150 psi cold working pressure for >12" to 24". 50 psi steam, basic rating. 150 psi cold working pressure for >24".		
23 05	23 00-0038	EA	1-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	596.84	112.53
			For 175 LB Rating, Add	141.31	
			For Chain Operated Type, Add	227.92	
			For 250 LB Rating, Add	296.29	
			For Work In Restricted Working Space, Add	42.30	
			For 150 LB Rating, Add	68.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0039 EA 2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	647.99	142.86
For 175 LB Rating, Add	145.50	
For Chain Operated Type, Add	234.69	
For 250 LB Rating, Add	305.09	
For Work In Restricted Working Space, Add	53.59	
For 150 LB Rating, Add	70.41	
23 05 23 00-0040 EA 2-1/2" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	664.15	143.11
For 175 LB Rating, Add	150.26	
For Chain Operated Type, Add	242.35	
For 250 LB Rating, Add	315.06	
For Work In Restricted Working Space, Add	53.84	
For 150 LB Rating, Add	72.71	
23 05 23 00-0041 EA 3" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	743.29	167.79
For 175 LB Rating, Add	165.32	
For Chain Operated Type, Add	266.65	
For 250 LB Rating, Add	346.65	
For Work In Restricted Working Space, Add	63.00	
For 150 LB Rating, Add	80.00	
23 05 23 00-0042 EA 4" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	999.24	281.28
For 175 LB Rating, Add	200.49	
For Chain Operated Type, Add	323.38	
For 250 LB Rating, Add	420.39	
For Work In Restricted Working Space, Add	105.75	
For 150 LB Rating, Add	97.01	
23 05 23 00-0043 EA 5" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,282.83	304.85
For 175 LB Rating, Add	279.73	
For Chain Operated Type, Add	451.18	
For 250 LB Rating, Add	586.53	
For Work In Restricted Working Space, Add	114.14	
For 150 LB Rating, Add	135.35	
23 05 23 00-0044 EA 6" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	1,455.45	338.73
For 175 LB Rating, Add	319.46	
For Chain Operated Type, Add	515.26	
For 250 LB Rating, Add	669.84	
For Work In Restricted Working Space, Add	127.48	
For 150 LB Rating, Add	154.58	
23 05 23 00-0045 EA 8" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	2,280.56	432.82
For 175 LB Rating, Add	540.30	
For Chain Operated Type, Add	871.45	
For 250 LB Rating, Add	1,132.89	
For Work In Restricted Working Space, Add	161.30	
For 150 LB Rating, Add	261.44	
23 05 23 00-0046 EA 10" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	3,340.94	526.91
For 175 LB Rating, Add	831.52	
For Chain Operated Type, Add	1,341.16	
For 250 LB Rating, Add	1,743.50	
For Work In Restricted Working Space, Add	197.59	
For 150 LB Rating, Add	402.35	
23 05 23 00-0047 EA 12" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	4,197.95	639.81
For 175 LB Rating, Add	1,053.88	
For Chain Operated Type, Add	1,699.81	
For 250 LB Rating, Add	2,209.75	
For Work In Restricted Working Space, Add	239.50	
For 150 LB Rating, Add	509.94	
23 05 23 00-0048 EA 14" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	8,403.49	923.09
For 175 LB Rating, Add	2,247.39	
For 250 LB Rating, Add	4,712.26	
For Work In Restricted Working Space, Add	346.16	
For 150 LB Rating, Add	1,087.44	
23 05 23 00-0049 EA 16" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	10,911.99	1,015.40
For 175 LB Rating, Add	2,989.25	
For 250 LB Rating, Add	6,267.78	
For Work In Restricted Working Space, Add	380.78	
For 150 LB Rating, Add	1,446.41	
23 05 23 00-0050 EA 18" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	14,907.73	1,126.17
For 175 LB Rating, Add	4,185.00	
For 250 LB Rating, Add	8,775.01	
For Work In Restricted Working Space, Add	422.32	
For 150 LB Rating, Add	2,025.00	
23 05 23 00-0051 EA 20" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	18,941.05	1,269.25
For 175 LB Rating, Add	5,379.89	
For 250 LB Rating, Add	11,280.42	
For Work In Restricted Working Space, Add	475.97	
For 150 LB Rating, Add	2,603.17	
23 05 23 00-0052 EA 24" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	25,888.04	1,557.72
For 175 LB Rating, Add	7,421.68	
For 250 LB Rating, Add	15,561.59	
For Work In Restricted Working Space, Add	584.14	
For 150 LB Rating, Add	3,591.14	
23 05 23 00-0053 EA 30" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	54,047.53	2,538.50
For 175 LB Rating, Add	15,771.07	
For 250 LB Rating, Add	33,068.37	
For Work In Restricted Working Space, Add	951.94	
For 150 LB Rating, Add	7,631.16	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0054 EA 36" Diameter, Class 125 Outside Stem And Yoke, Flanged, Cast Iron Body, Bronze Trim Gate Valve	68,871.26	3,384.66
For 175 LB Rating, Add	20,038.53	
For 250 LB Rating, Add	42,016.28	
For Work In Restricted Working Space, Add	1,269.25	
For 150 LB Rating, Add	9,696.06	
23 05 23 00-0055 Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valves (23 05 23 00-0001)		
Note: 800 psig at 850 degrees F.		
23 05 23 00-0056 EA 1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	163.92	10.72
For Work In Restricted Working Space, Add	9.36	
23 05 23 00-0057 EA 1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	167.29	10.72
For Work In Restricted Working Space, Add	10.37	
23 05 23 00-0058 EA 3/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	197.11	11.79
For Work In Restricted Working Space, Add	13.98	
23 05 23 00-0059 EA 1" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	239.30	13.40
For Work In Restricted Working Space, Add	16.92	
23 05 23 00-0060 EA 1-1/4" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	366.53	14.26
For Work In Restricted Working Space, Add	21.44	
23 05 23 00-0061 EA 1-1/2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	433.65	16.50
For Work In Restricted Working Space, Add	24.73	
23 05 23 00-0062 EA 2" Diameter, Class 800 Outside Stem And Yoke, Threaded, Forged Steel, Chrome Trim, Bolted Bonnet Gate Valve.....	545.74	19.50
For Work In Restricted Working Space, Add	29.23	
23 05 23 00-0063 Ball Valves (23 05 23)		
23 05 23 00-0064 Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves (23 05 23 00-0063)		
Note: 125 LB WSP.		
23 05 23 00-0065 EA 1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	48.35	10.72
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	10.37	
For Full Port, Add	6.20	
23 05 23 00-0066 EA 3/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	67.77	11.79
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	13.98	
For Full Port, Add	9.53	
23 05 23 00-0067 EA 1" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	85.00	13.40
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	16.92	
For Full Port, Add	12.87	
23 05 23 00-0068 EA 1-1/4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	119.45	14.26
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	21.44	
For Full Port, Add	21.60	
23 05 23 00-0069 EA 1-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	143.74	16.50
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	24.73	
For Full Port, Add	27.59	
23 05 23 00-0070 EA 2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	174.22	19.50
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	29.23	
For Full Port, Add	34.56	
23 05 23 00-0071 EA 2-1/2" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	494.00	26.35
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	39.48	
For Full Port, Add	163.08	
23 05 23 00-0072 EA 3" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	569.98	30.59
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	45.55	
For Full Port, Add	188.16	
23 05 23 00-0073 EA 4" Threaded Or Sweated, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve	742.79	34.54
For Extension Stems And Sleeves On Insulated Pipe, Add	2.63	
For Work In Restricted Working Space, Add	51.82	
For Full Port, Add	256.53	
23 05 23 00-0074 Screwed, 150 LB, Full Port, Carbon Steel Ball Valves (23 05 23 00-0063)		
23 05 23 00-0075 EA 1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	57.57	10.72
For Work In Restricted Working Space, Add	9.36	
23 05 23 00-0076 EA 1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	63.19	10.72
For Work In Restricted Working Space, Add	10.37	
23 05 23 00-0077 EA 3/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	87.96	11.79
For Work In Restricted Working Space, Add	13.98	
23 05 23 00-0078 EA 1" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve	112.05	13.40
For Work In Restricted Working Space, Add	16.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0079 EA 1-1/4" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	166.54 21.44	14.26
23 05 23 00-0080 EA 1-1/2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	202.90 24.73	16.50
23 05 23 00-0081 EA 2" Screwed, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	263.29 29.23	19.50
23 05 23 00-0082 Flanged, 150 LB, Full Port, Carbon Steel Ball Valves (23 05 23 00-0063)		
23 05 23 00-0083 EA 1-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For 300 LB Rating, ASTM A182, Add</i> <i>For Work In Restricted Working Space, Add</i>	378.42 118.71 42.30 68.85 118.71 307.92 42.30	112.53
23 05 23 00-0084 EA 2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For 300 LB Rating, ASTM A182, Add</i> <i>For Work In Restricted Working Space, Add</i>	473.15 147.27 53.59 85.41 147.27 383.84 53.59	142.86
23 05 23 00-0085 EA 2-1/2" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For 300 LB Rating, ASTM A182, Add</i> <i>For Work In Restricted Working Space, Add</i>	717.49 269.02 53.84 156.03 269.02 627.77 53.84	143.11
23 05 23 00-0086 EA 3" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For 250 LB Rating, Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For 150 LB Rating, Add</i> <i>For Chain Operated Type, Add</i> <i>For 300 LB Rating, ASTM A182, Add</i> <i>For Work In Restricted Working Space, Add</i>	791.72 290.87 63.00 168.70 290.87 686.73 63.00	167.79
23 05 23 00-0087 EA 4" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	1,169.58 105.75	281.28
23 05 23 00-0088 EA 6" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	2,640.35 127.48	338.73
23 05 23 00-0089 EA 8" Flanged, 150 LB, Full Port, Carbon Steel Ball Valve <i>For Work In Restricted Working Space, Add</i>	4,468.45 161.30	432.82
23 05 23 00-0090 Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valves (23 05 23 00-0063)		
23 05 23 00-0091 EA 1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	47.50 10.37 6.98	10.72
23 05 23 00-0092 EA 3/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	61.46 13.98 8.39	11.79
23 05 23 00-0093 EA 1" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	77.13 16.92 11.25	13.40
23 05 23 00-0094 EA 1-1/4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	98.66 21.44 14.64	14.26
23 05 23 00-0095 EA 1-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	129.78 24.73 23.26	16.50
23 05 23 00-0096 EA 2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	157.76 29.23 29.25	19.50
23 05 23 00-0097 EA 2-1/2" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	261.41 39.48 58.83	26.35
23 05 23 00-0098 EA 3" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	372.57 45.55 96.26	30.59
23 05 23 00-0099 EA 4" Socket, 150 PSI, Polyvinyl Chloride (PVC), Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For True Union Socket Or Thread Type, Add</i>	594.76 51.82 177.88	34.54
23 05 23 00-0100 Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valves (23 05 23 00-0063)		
23 05 23 00-0101 EA 1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	88.24 14.05 18.64	16.08
23 05 23 00-0102 EA 3/8" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	90.69 14.78 18.64	16.08
23 05 23 00-0103 EA 1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	93.27 15.56 18.64	16.08

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0104	EA	3/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve..... <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	113.81 20.97 19.76	17.68
23 05 23 00-0105	EA	1" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve..... <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	149.67 25.39 29.27	20.10
23 05 23 00-0106	EA	1-1/4" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	196.20 32.15 40.06	21.38
23 05 23 00-0107	EA	1-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	242.03 37.10 53.27	24.75
23 05 23 00-0108	EA	2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve..... <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	338.79 43.84 86.69	29.26
23 05 23 00-0109	EA	2-1/2" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	664.91 59.22 210.38	39.53
23 05 23 00-0110	EA	3" Threaded Or Sweated, 3-Way, 125 LB, Regular Port, Carbon Steel Trim, Brass Body, Ball Valve..... <i>For Work In Restricted Working Space, Add</i> <i>For Full Port, Add</i>	970.15 68.33 334.07	45.89
23 05 23 00-0111		Wye Strainer, Union With Two Pressure Ports, Ball Valves (23 05 23 00-0063)		
23 05 23 00-0112	EA	1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve.....	170.30	10.72
23 05 23 00-0113	EA	3/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve.....	218.23	13.93
23 05 23 00-0114	EA	1" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve.....	281.62	17.15
23 05 23 00-0115	EA	1-1/4" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve.....	384.89	23.57
23 05 23 00-0116	EA	1-1/2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve.....	482.06	27.43
23 05 23 00-0117	EA	2" Diameter, Wye Strainer, Union With Two Pressure Ports, Ball Valve.....	637.34	32.15
23 05 23 00-0118		Plastic Ball Valves (23 05 23 00-0063) Note: Threaded or socket.		
23 05 23 00-0119		Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valves (23 05 23 00-0118)		
23 05 23 00-0120	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346).....	70.17	10.72
23 05 23 00-0121	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346).....	73.27	10.72
23 05 23 00-0122	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346).....	92.53	11.79
23 05 23 00-0123	EA	1" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346).....	120.65	13.40
23 05 23 00-0124	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346).....	143.12	14.26
23 05 23 00-0125	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346).....	173.77	16.50
23 05 23 00-0126	EA	2" Ethylene Propylene Diene Monomer (EPDM) Liner And Seals, Polyvinyl Chloride (PVC) Ball Valve (George Fisher Type 346).....	211.96	19.50
23 05 23 00-0127		Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valves (23 05 23 00-0118)		
23 05 23 00-0128	EA	3/8" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346).....	106.67	10.72
23 05 23 00-0129	EA	1/2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346).....	108.11	10.72
23 05 23 00-0130	EA	3/4" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346).....	135.66	11.79
23 05 23 00-0131	EA	1" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346).....	167.55	13.40
23 05 23 00-0132	EA	1-1/4" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346).....	253.92	14.26
23 05 23 00-0133	EA	1-1/2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346).....	281.50	16.50
23 05 23 00-0134	EA	2" Viton Liner And Seals, Chlorinated Polyvinyl Chloride (CPVC) Ball Valve (George Fisher Type 346).....	337.96	19.50
23 05 23 00-0135		Viton Liner And Seals, Polypropylene (PP) Ball Valves (23 05 23 00-0118)		
23 05 23 00-0136	EA	3/8" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346).....	119.11	10.72
23 05 23 00-0137	EA	1/2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346).....	128.84	10.72
23 05 23 00-0138	EA	3/4" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346).....	147.27	11.79
23 05 23 00-0139	EA	1" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346).....	180.82	13.40
23 05 23 00-0140	EA	1-1/4" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346).....	227.38	14.26
23 05 23 00-0141	EA	1-1/2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346).....	273.20	16.50
23 05 23 00-0142	EA	2" Viton Liner And Seals, Polypropylene (PP) Ball Valve (George Fisher Type 346).....	354.54	19.50
23 05 23 00-0143		Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valves (23 05 23 00-0118)		
23 05 23 00-0144	EA	3/8" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346).....	241.86	10.72
23 05 23 00-0145	EA	1/2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346).....	258.23	10.72
23 05 23 00-0146	EA	3/4" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346).....	306.51	11.79
23 05 23 00-0147	EA	1" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346).....	358.31	13.40
23 05 23 00-0148	EA	1-1/4" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346).....	436.39	14.26
23 05 23 00-0149	EA	1-1/2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346).....	480.55	16.50
23 05 23 00-0150	EA	2" Viton Liner And Seals, Polyvinylidene Fluoride (PVDF) Ball Valve (George Fisher Type 346).....	553.60	19.50

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0151		Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valves <small>(23 05 23 00-0118)</small>		
23 05 23 00-0152	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	46.98	10.72
23 05 23 00-0153	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	62.92	11.79
23 05 23 00-0154	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	76.32	13.40
23 05 23 00-0155	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	106.62	14.26
23 05 23 00-0156	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	117.61	16.50
23 05 23 00-0157	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals And Teflon Seats, Polyvinyl Chloride (PVC) Ball Valve (Hayward QIC Compact)	143.79	19.50
23 05 23 00-0158		Plastic, True Union, Ball Valves <small>(23 05 23 00-0063)</small>		
23 05 23 00-0159		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valves <small>(23 05 23 00-0158)</small>		
		Note: Socket or NPT connectors.		
23 05 23 00-0160	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	115.79	10.72
23 05 23 00-0161	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	120.55	10.72
23 05 23 00-0162	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	145.61	11.79
23 05 23 00-0163	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	179.16	13.40
23 05 23 00-0164	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	215.77	14.26
23 05 23 00-0165	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	248.32	16.50
23 05 23 00-0166	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Vertical Ball Valve (George Fisher Type 343)	304.78	19.50
23 05 23 00-0167		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valves <small>(23 05 23 00-0158)</small>		
		Note: Socket or NPT connectors.		
23 05 23 00-0168	EA	3/8" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	117.45	10.72
23 05 23 00-0169	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	137.14	10.72
23 05 23 00-0170	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	147.27	11.79
23 05 23 00-0171	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	179.16	13.40
23 05 23 00-0172	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	212.45	14.26
23 05 23 00-0173	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	246.66	16.50
23 05 23 00-0174	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC) Or Chlorinated Polyvinyl Chloride (CPVC), True Union, Horizontal Ball Valve (George Fisher Type 343)	304.78	19.50
23 05 23 00-0175		Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valves <small>(23 05 23 00-0158)</small>		
		Note: Socket or NPT connectors.		
23 05 23 00-0176	EA	1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	62.49	10.72
23 05 23 00-0177	EA	3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	80.09	11.79
23 05 23 00-0178	EA	1" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	96.22	13.40
23 05 23 00-0179	EA	1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	127.02	14.26
23 05 23 00-0180	EA	1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	148.79	16.50
23 05 23 00-0181	EA	2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	205.25	19.50
23 05 23 00-0182	EA	2-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	287.53	26.35
23 05 23 00-0183	EA	3" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	364.17	30.59
23 05 23 00-0184	EA	4" Ethylene Propylene Diene Monomer (EPDM) Seals, Polyvinyl Chloride (PVC), True Union, Ball Valve (George Fisher Type 560)	521.07	34.54

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0185			Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valves <small>(23 05 23 00-0158)</small>		
			Note: Socket or NPT connectors.		
23 05 23 00-0186	EA		1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	74.10	10.72
23 05 23 00-0187	EA		3/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	96.67	11.79
23 05 23 00-0188	EA		1" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	119.44	13.40
23 05 23 00-0189	EA		1-1/4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560).....	167.66	14.26
23 05 23 00-0190	EA		1-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560).....	183.63	16.50
23 05 23 00-0191	EA		2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	236.77	19.50
23 05 23 00-0192	EA		2-1/2" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560).....	413.60	26.35
23 05 23 00-0193	EA		3" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	483.60	30.59
23 05 23 00-0194	EA		4" Ethylene Propylene Diene Monomer (EPDM) Seals, Chlorinated Polyvinyl Chloride (CPVC), True Union, Ball Valve (George Fisher Type 560)	753.30	34.54
23 05 23 00-0195			Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves <small>(23 05 23 00-0158)</small>		
23 05 23 00-0196			Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves <small>(23 05 23 00-0195)</small>		
23 05 23 00-0197	EA		1/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	60.65	10.72
23 05 23 00-0198	EA		3/8" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	62.29	10.72
23 05 23 00-0199	EA		1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	63.73	10.72
23 05 23 00-0200	EA		3/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	81.08	11.79
23 05 23 00-0201	EA		1" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	99.27	13.40
23 05 23 00-0202	EA		1-1/4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	121.35	14.26
23 05 23 00-0203	EA		1-1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	146.17	16.50
23 05 23 00-0204	EA		2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	187.01	19.50
23 05 23 00-0205	EA		2-1/2" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	353.05	26.35
23 05 23 00-0206	EA		3" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	392.37	30.59
23 05 23 00-0207	EA		4" Socket, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve.....	546.78	34.54
23 05 23 00-0208			Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valves <small>(23 05 23 00-0195)</small>		
23 05 23 00-0209	EA		1/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	60.65	10.72
23 05 23 00-0210	EA		3/8" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	62.29	10.72
23 05 23 00-0211	EA		1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	63.73	10.72
23 05 23 00-0212	EA		3/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	81.08	11.79
23 05 23 00-0213	EA		1" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	99.27	13.40
23 05 23 00-0214	EA		1-1/4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	121.35	14.26
23 05 23 00-0215	EA		1-1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	146.17	16.50
23 05 23 00-0216	EA		2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	187.01	19.50
23 05 23 00-0217	EA		2-1/2" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	353.05	26.35
23 05 23 00-0218	EA		3" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	392.37	30.59
23 05 23 00-0219	EA		4" Threaded, Viton Seal, Polyvinyl Chloride (PVC), True Union, Ball Valve	546.78	34.54
23 05 23 00-0220			Globe Valves <small>(23 05 23)</small>		
23 05 23 00-0221			Threaded Or Sweated, 125 LB, Bronze Body, Globe Valves <small>(23 05 23 00-0220)</small>		
23 05 23 00-0222	EA		1/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	70.99	10.72
			For 250 LB Rating, Add	16.38	
			For Work In Restricted Working Space, Add	10.37	
			For 300 LB Rating, Add	20.03	
			For 200 LB Rating, Add	13.84	
			For 150 LB Rating, Add	11.29	
23 05 23 00-0223	EA		1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	67.62	10.72
			For 250 LB Rating, Add	16.38	
			For Work In Restricted Working Space, Add	9.36	
			For 300 LB Rating, Add	20.03	
			For 200 LB Rating, Add	13.84	
			For 150 LB Rating, Add	11.29	
23 05 23 00-0224	EA		3/8" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	87.20	10.72
			For 250 LB Rating, Add	24.46	
			For Work In Restricted Working Space, Add	9.86	
			For 300 LB Rating, Add	29.89	
			For 200 LB Rating, Add	20.65	
			For 150 LB Rating, Add	16.85	
23 05 23 00-0225	EA		1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	88.93	10.72
			For 250 LB Rating, Add	24.46	
			For Work In Restricted Working Space, Add	10.37	
			For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	73.62	
			For 300 LB Rating, Add	29.89	
			For 200 LB Rating, Add	20.65	
			For 150 LB Rating, Add	16.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0226 EA 3/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	105.50	11.25
For 250 LB Rating, Add	26.51	
For Work In Restricted Working Space, Add	13.98	
For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	83.44	
For 300 LB Rating, Add	32.40	
For 200 LB Rating, Add	22.39	
For 150 LB Rating, Add	18.26	
23 05 23 00-0227 EA 1" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	136.03	11.25
For 250 LB Rating, Add	35.83	
For Work In Restricted Working Space, Add	16.92	
For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	110.15	
For 300 LB Rating, Add	43.79	
For 200 LB Rating, Add	30.26	
For 150 LB Rating, Add	24.68	
23 05 23 00-0228 EA 1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	208.96	14.26
For 250 LB Rating, Add	61.88	
For Work In Restricted Working Space, Add	21.44	
For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	179.84	
For 300 LB Rating, Add	75.63	
For 200 LB Rating, Add	52.25	
For 150 LB Rating, Add	42.63	
23 05 23 00-0229 EA 1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	278.97	16.50
For 250 LB Rating, Add	88.44	
For Work In Restricted Working Space, Add	24.73	
For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	249.16	
For 300 LB Rating, Add	108.09	
For 200 LB Rating, Add	74.68	
For 150 LB Rating, Add	60.92	
23 05 23 00-0230 EA 2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	328.47	19.50
For 250 LB Rating, Add	103.97	
For Work In Restricted Working Space, Add	29.23	
For 600 LB Rating, Forged Steel, Bolted Bonnet, Socket Weld, Add	293.12	
For 300 LB Rating, Add	127.07	
For 200 LB Rating, Add	87.80	
For 150 LB Rating, Add	71.62	
23 05 23 00-0231 EA 2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Globe Valve	364.53	26.35
For 250 LB Rating, Add	104.82	
For Work In Restricted Working Space, Add	39.48	
For 300 LB Rating, Add	128.11	
For 200 LB Rating, Add	88.51	
For 150 LB Rating, Add	72.21	
23 05 23 00-0232 EA 3" Globe Valve, Bronze, Threaded Or Soldered, 125 LB	673.71	30.59
For 250 LB Rating, Add	234.84	
For Work In Restricted Working Space, Add	45.55	
For 300 LB Rating, Add	287.03	
For 200 LB Rating, Add	198.31	
For 150 LB Rating, Add	161.78	
23 05 23 00-0233 Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves (23 05 23 00-0220)		
23 05 23 00-0234 EA 2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	503.35	19.50
For Chain Operated Type, Add	338.94	
For 250 LB Rating, Add	182.66	
For Work In Restricted Working Space, Add	29.23	
For 300 LB Rating, Add	223.26	
For 200 LB Rating, Add	154.25	
For 150 LB Rating, Add	125.84	
23 05 23 00-0235 EA 2-1/2" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	623.62	26.35
For Chain Operated Type, Add	410.84	
For 250 LB Rating, Add	221.41	
For Work In Restricted Working Space, Add	39.48	
For 300 LB Rating, Add	270.61	
For 200 LB Rating, Add	186.97	
For 150 LB Rating, Add	152.53	
23 05 23 00-0236 EA 3" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	742.26	30.59
For Chain Operated Type, Add	493.00	
For 250 LB Rating, Add	265.69	
For Work In Restricted Working Space, Add	45.55	
For 300 LB Rating, Add	324.73	
For 200 LB Rating, Add	224.36	
For 150 LB Rating, Add	183.03	
23 05 23 00-0237 EA 4" Threaded, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	959.90	34.54
For Chain Operated Type, Add	657.34	
For 250 LB Rating, Add	354.25	
For Work In Restricted Working Space, Add	51.80	
For 300 LB Rating, Add	432.98	
For 200 LB Rating, Add	299.15	
For 150 LB Rating, Add	244.04	
23 05 23 00-0238 Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valves (23 05 23 00-0220)		
23 05 23 00-0239 EA 2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	449.52	142.86
For 150 LB Rating, Add	83.98	
For Work In Restricted Working Space, Add	53.59	
For 250 LB Rating, Add	121.91	
For Chain Operated Type, Add	135.45	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05	23 00-0240	EA	2-1/2" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	509.69	143.11
			For 150 LB Rating, Add	102.37	
			For Work In Restricted Working Space, Add	53.84	
			For 250 LB Rating, Add	148.61	
			For Chain Operated Type, Add	165.12	
23 05	23 00-0241	EA	3" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	606.28	167.79
			For 150 LB Rating, Add	122.85	
			For Work In Restricted Working Space, Add	63.00	
			For 250 LB Rating, Add	178.33	
			For Chain Operated Type, Add	198.15	
23 05	23 00-0242	EA	4" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	880.87	281.28
			For 150 LB Rating, Add	163.80	
			For Work In Restricted Working Space, Add	105.75	
			For 250 LB Rating, Add	237.77	
			For Chain Operated Type, Add	264.19	
23 05	23 00-0243	EA	5" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,115.26	304.85
			For 150 LB Rating, Add	227.78	
			For Work In Restricted Working Space, Add	114.14	
			For 250 LB Rating, Add	330.65	
			For Chain Operated Type, Add	367.39	
23 05	23 00-0244	EA	6" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,353.73	338.73
			For 150 LB Rating, Add	287.93	
			For Work In Restricted Working Space, Add	127.48	
			For 250 LB Rating, Add	417.96	
			For Chain Operated Type, Add	464.40	
23 05	23 00-0245	EA	8" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	1,965.95	432.82
			For 150 LB Rating, Add	442.77	
			For Work In Restricted Working Space, Add	161.30	
			For 250 LB Rating, Add	642.73	
			For Chain Operated Type, Add	714.15	
23 05	23 00-0246	EA	10" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	2,834.08	526.91
			For 150 LB Rating, Add	674.39	
			For Work In Restricted Working Space, Add	197.59	
			For 250 LB Rating, Add	978.95	
			For Chain Operated Type, Add	1,087.73	
23 05	23 00-0247	EA	12" Flanged, 125 LB, Outside Stem And Yoke, Iron Body, Globe Valve	4,914.89	639.81
			For 150 LB Rating, Add	1,276.13	
			For Work In Restricted Working Space, Add	239.50	
			For 250 LB Rating, Add	1,852.45	
			For Chain Operated Type, Add	2,058.28	
23 05 23 00-0248 Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valves <small>(23 05 23 00-0220)</small>					
23 05	23 00-0249	EA	1/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	62.16	10.72
			For 150 LB Rating, Add	8.55	
			For 200 LB Rating, Add	10.48	
			For Work In Restricted Working Space, Add	10.37	
			For 300 LB Rating, Add	15.17	
23 05	23 00-0250	EA	1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	58.79	10.72
			For 150 LB Rating, Add	8.55	
			For 200 LB Rating, Add	10.48	
			For Work In Restricted Working Space, Add	9.36	
			For 300 LB Rating, Add	15.17	
23 05	23 00-0251	EA	3/8" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	60.43	10.72
			For 150 LB Rating, Add	8.55	
			For 200 LB Rating, Add	10.48	
			For Work In Restricted Working Space, Add	9.86	
			For 300 LB Rating, Add	15.17	
23 05	23 00-0252	EA	1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	64.00	10.72
			For 150 LB Rating, Add	9.12	
			For 200 LB Rating, Add	11.18	
			For Work In Restricted Working Space, Add	10.37	
			For 300 LB Rating, Add	16.18	
23 05	23 00-0253	EA	3/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	87.38	11.25
			For 150 LB Rating, Add	12.64	
			For 200 LB Rating, Add	15.50	
			For Work In Restricted Working Space, Add	13.98	
			For 300 LB Rating, Add	22.43	
23 05	23 00-0254	EA	1" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	109.94	11.25
			For 150 LB Rating, Add	16.59	
			For 200 LB Rating, Add	20.34	
			For Work In Restricted Working Space, Add	16.92	
			For 300 LB Rating, Add	29.44	
23 05	23 00-0255	EA	1-1/4" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	150.97	14.26
			For 150 LB Rating, Add	24.65	
			For 200 LB Rating, Add	30.22	
			For Work In Restricted Working Space, Add	21.44	
			For 300 LB Rating, Add	43.74	
23 05	23 00-0256	EA	1-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	175.15	16.50
			For 150 LB Rating, Add	28.74	
			For 200 LB Rating, Add	35.23	
			For Work In Restricted Working Space, Add	24.73	
			For 300 LB Rating, Add	50.99	
23 05	23 00-0257	EA	2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve	237.07	19.50
			For 150 LB Rating, Add	43.29	
			For 200 LB Rating, Add	53.06	
			For Work In Restricted Working Space, Add	29.23	
			For 300 LB Rating, Add	76.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0258 EA 2-1/2" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	394.79	28.61
<i>For 150 LB Rating, Add</i>	78.09	
<i>For 200 LB Rating, Add</i>	95.72	
<i>For Work In Restricted Working Space, Add</i>	42.87	
<i>For 300 LB Rating, Add</i>	138.54	
23 05 23 00-0259 EA 3" Threaded Or Sweated, 125 LB, Bronze Body, Angle Globe Valve.....	591.46	33.23
<i>For 150 LB Rating, Add</i>	132.24	
<i>For 200 LB Rating, Add</i>	162.10	
<i>For Work In Restricted Working Space, Add</i>	49.46	
<i>For 300 LB Rating, Add</i>	234.62	
23 05 23 00-0260 Flanged, 125 LB, Iron Body, Angle Globe Valves (23 05 23 00-0220)		
23 05 23 00-0261 EA 2" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	875.60	142.86
<i>For 250 LB Rating, Add</i>	418.19	
<i>For Work In Restricted Working Space, Add</i>	53.59	
<i>For Chain Operated Type, Add</i>	271.82	
23 05 23 00-0262 EA 2-1/2" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	1,003.75	143.11
<i>For 250 LB Rating, Add</i>	494.58	
<i>For Work In Restricted Working Space, Add</i>	53.84	
<i>For Chain Operated Type, Add</i>	321.48	
23 05 23 00-0263 EA 3" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	1,181.36	167.79
<i>For 250 LB Rating, Add</i>	582.82	
<i>For Work In Restricted Working Space, Add</i>	63.00	
<i>For Chain Operated Type, Add</i>	378.83	
23 05 23 00-0264 EA 4" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	1,739.88	281.28
<i>For 250 LB Rating, Add</i>	832.43	
<i>For Work In Restricted Working Space, Add</i>	105.75	
<i>For Chain Operated Type, Add</i>	541.08	
23 05 23 00-0265 EA 5" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	2,866.95	304.85
<i>For 250 LB Rating, Add</i>	1,491.88	
<i>For Work In Restricted Working Space, Add</i>	114.14	
<i>For Chain Operated Type, Add</i>	969.72	
23 05 23 00-0266 EA 6" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	2,911.40	338.73
<i>For 250 LB Rating, Add</i>	1,491.88	
<i>For Work In Restricted Working Space, Add</i>	127.48	
<i>For Chain Operated Type, Add</i>	969.72	
23 05 23 00-0267 EA 8" Flanged, 125 LB, Iron Body, Angle Globe Valve.....	5,404.18	432.82
<i>For 250 LB Rating, Add</i>	2,919.91	
<i>For Work In Restricted Working Space, Add</i>	161.30	
<i>For Chain Operated Type, Add</i>	1,897.94	
23 05 23 00-0268 Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valves (23 05 23 00-0220)		
Note: 800 PSIG at 850 degrees F.		
23 05 23 00-0269 EA 1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	207.62	17.36
<i>For Work In Restricted Working Space, Add</i>	9.36	
23 05 23 00-0270 EA 1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	210.99	17.36
<i>For Work In Restricted Working Space, Add</i>	10.37	
23 05 23 00-0271 EA 3/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	247.28	23.36
<i>For Work In Restricted Working Space, Add</i>	13.98	
23 05 23 00-0272 EA 1" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	305.65	28.19
<i>For Work In Restricted Working Space, Add</i>	16.92	
23 05 23 00-0273 EA 1-1/4" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	498.72	35.68
<i>For Work In Restricted Working Space, Add</i>	21.44	
23 05 23 00-0274 EA 1-1/2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	598.73	41.26
<i>For Work In Restricted Working Space, Add</i>	24.73	
23 05 23 00-0275 EA 2" Class 800 Outside Stem And Yoke, Threaded, Chrome Trim, Bolted Bonnet, Forged Steel, Globe Valve.....	762.62	48.76
<i>For Work In Restricted Working Space, Add</i>	29.23	
23 05 23 00-0276 Triple Duty Valves (23 05 23)		
Note: Valves function as a shut-off, check valve and calibrated balancing valve.		
23 05 23 00-0277 Straight Pattern, Triple Duty Valves (23 05 23 00-0276)		
Note: Bell & Gossett 3DX and 3DS-S Series.		
23 05 23 00-0278 EA 1" Threaded, Straight Pattern, Triple Duty Valve.....	302.24	11.25
23 05 23 00-0279 EA 1-1/4" Threaded, Straight Pattern, Triple Duty Valve.....	349.72	14.26
23 05 23 00-0280 EA 1-1/2" Threaded, Straight Pattern, Triple Duty Valve.....	379.31	16.50
23 05 23 00-0281 EA 2" Flanged, Straight Pattern, Triple Duty Valve.....	985.80	142.86
23 05 23 00-0282 EA 2-1/2" Flanged, Straight Pattern, Triple Duty Valve.....	1,111.88	143.11
23 05 23 00-0283 EA 3" Flanged, Straight Pattern, Triple Duty Valve.....	1,216.64	167.79
23 05 23 00-0284 EA 4" Flanged, Straight Pattern, Triple Duty Valve.....	2,495.69	281.28
23 05 23 00-0285 EA 5" Flanged, Straight Pattern Triple Duty Valve.....	2,908.71	304.85
23 05 23 00-0286 EA 6" Flanged, Straight Pattern, Triple Duty Valve.....	3,876.32	338.73
23 05 23 00-0287 EA 8" Flanged, Straight Pattern, Triple Duty Valve.....	5,223.01	432.82
23 05 23 00-0288 EA 10" Flanged, Straight Pattern, Triple Duty Valve.....	8,396.42	526.91
23 05 23 00-0289 Flanged, Angle Pattern, Triple Duty Valves (23 05 23 00-0276)		
Note: Bell & Gossett 3D-S Series.		
23 05 23 00-0290 EA 2" Flanged, Angle Pattern, Triple Duty Valve.....	962.60	142.86
23 05 23 00-0291 EA 2-1/2" Flanged, Angle Pattern, Triple Duty Valve.....	1,084.05	143.11
23 05 23 00-0292 EA 3" Flanged, Angle Pattern, Triple Duty Valve.....	1,193.45	167.79

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0293 EA 4" Flanged, Angle Pattern, Triple Duty Valve.....	2,435.38	281.28
23 05 23 00-0294 EA 5" Flanged, Angle Pattern, Triple Duty Valve.....	2,834.49	304.85
23 05 23 00-0295 EA 6" Flanged, Angle Pattern, Triple Duty Valve.....	3,180.47	338.73
23 05 23 00-0296 EA 8" Flanged, Angle Pattern, Triple Duty Valve.....	4,893.64	432.82
23 05 23 00-0297 EA 10" Flanged, Angle Pattern, Triple Duty Valve.....	6,545.47	526.91
23 05 23 00-0298		
Balanced, Straight Pattern, Triple Duty Valves (23 05 23 00-0276)		
Note: Bell & Gossett 3DS-B Series.		
23 05 23 00-0299 EA 3" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	1,114.59	167.79
23 05 23 00-0300 EA 4" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	2,226.63	281.28
23 05 23 00-0301 EA 5" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	2,597.90	304.85
23 05 23 00-0302 EA 6" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	3,454.17	338.73
23 05 23 00-0303 EA 8" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	4,647.78	432.82
23 05 23 00-0304 EA 10" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	7,436.15	526.91
23 05 23 00-0305 EA 12" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	11,208.30	639.81
23 05 23 00-0306 EA 14" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	13,625.56	752.72
23 05 23 00-0307 EA 16" Flanged, Balanced, Straight Pattern, Triple Duty Valve.....	17,082.09	828.00
23 05 23 00-0308		
Grooved Straight Pattern, Triple Duty Valves (23 05 23 00-0276)		
Note: Bell & Gossett 3DS-G Series.		
23 05 23 00-0309 EA 2" Grooved, Straight Pattern, Triple Duty Valve.....	1,059.69	26.48
23 05 23 00-0310 EA 2-1/2" Grooved, Straight Pattern, Triple Duty Valve.....	1,263.08	31.58
23 05 23 00-0311 EA 3" Grooved, Straight Pattern, Triple Duty Valve.....	1,470.85	34.25
23 05 23 00-0312 EA 4" Grooved, Straight Pattern, Triple Duty Valve.....	2,444.82	36.91
23 05 23 00-0313 EA 5" Grooved, Straight Pattern, Triple Duty Valve.....	2,831.69	47.99
23 05 23 00-0314 EA 6" Grooved, Straight Pattern Triple Duty Valve.....	3,775.53	61.54
23 05 23 00-0315 EA 8" Grooved, Straight Pattern Triple Duty Valve.....	5,136.02	78.10
23 05 23 00-0316 EA 10" Grooved, Straight Pattern Triple Duty Valve.....	8,110.74	87.50
23 05 23 00-0317 EA 12" Grooved, Straight Pattern Triple Duty Valve.....	12,883.26	106.70
23 05 23 00-0318		
Plug Valves (23 05 23)		
23 05 23 00-0319		
Plug Valves, Lubricated, Semisteel Screwed, Wrench Operated (23 05 23 00-0318)		
Note: Includes wrench.		
23 05 23 00-0320 EA 2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	292.62	10.72
23 05 23 00-0321 EA 3/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	304.63	11.79
23 05 23 00-0322 EA 1" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	385.54	13.40
23 05 23 00-0323 EA 1-1/4" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	461.14	14.26
23 05 23 00-0324 EA 1-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	506.36	16.50
23 05 23 00-0325 EA 2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	597.70	19.50
23 05 23 00-0326 EA 2-1/2" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	897.81	26.35
23 05 23 00-0327 EA 3" Diameter Plug Valve, Semi-Steel, Screwed Lubricated, 200 PSI, Wrench Operated, With Wrench.....	1,099.73	30.59
23 05 23 00-0328		
Plug Valves, Lubricated, Semisteel Flanged (23 05 23 00-0318)		
Note: Wrench operated for 4", gear operated for 6" and 10".		
23 05 23 00-0329 EA 2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	467.91	142.86
23 05 23 00-0330 EA 2-1/2" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	560.51	143.11
23 05 23 00-0331 EA 3" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	688.81	167.79
23 05 23 00-0332 EA 4" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,000.89	281.28
23 05 23 00-0333 EA 6" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	1,154.66	338.73
23 05 23 00-0334 EA 8" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	3,653.97	432.82
23 05 23 00-0335 EA 10" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	5,851.81	526.91
23 05 23 00-0336 EA 12" Diameter Plug Valve, Semi-Steel, Flanged, 175 PSI, Wrench Operated, With Wrench.....	8,680.88	639.81
23 05 23 00-0337		
Plug Valves, Forged Steel, Screwed (23 05 23 00-0318)		
23 05 23 00-0338 EA 1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,138.30	10.72
23 05 23 00-0339 EA 3/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,344.23	11.79
23 05 23 00-0340 EA 1" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,519.25	13.40
23 05 23 00-0341 EA 1-1/4" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	1,822.39	14.26
23 05 23 00-0342 EA 1-1/2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	2,122.28	16.50
23 05 23 00-0343 EA 2" Plug Valve, 1,500 LB, Forged Steel, Screwed.....	2,793.27	19.50
23 05 23 00-0344		
Plug Valves, Eccentric, Cast Iron Flanged (23 05 23 00-0318)		
23 05 23 00-0345 EA 4" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,122.98	281.28
23 05 23 00-0346 EA 6" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	1,746.13	338.73
23 05 23 00-0347 EA 8" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	2,379.28	432.82
23 05 23 00-0348 EA 10" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	3,384.42	526.91
23 05 23 00-0349 EA 12" Diameter Plug Valve, Eccentric, Cast Iron, Flanged, 175 PSI.....	4,375.45	639.81
23 05 23 00-0350		
Foot Valves (23 05 23)		
23 05 23 00-0351		
Single Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0350)		
23 05 23 00-0352 EA 1" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	91.79	26.80
23 05 23 00-0353 EA 1-1/4" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	104.55	30.02
23 05 23 00-0354 EA 1-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	135.08	34.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0355 EA 2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	179.05	38.60
23 05 23 00-0356 EA 2-1/2" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	413.70	63.25
23 05 23 00-0357 EA 3" Single Poppet Foot Valve, Metal To Metal Seat Construction.....	529.86	77.19
23 05 23 00-0358 Double Poppet Foot Valves, Metal To Metal Seat Construction (23 05 23 00-0350)		
23 05 23 00-0359 EA 1" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	91.79	26.80
23 05 23 00-0360 EA 1-1/4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	202.66	30.02
23 05 23 00-0361 EA 1-1/2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	191.68	34.31
23 05 23 00-0362 EA 2" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	262.02	38.60
23 05 23 00-0363 EA 3" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	516.58	63.25
23 05 23 00-0364 EA 4" Double Poppet Foot Valve, Metal To Metal Seat Construction.....	704.42	76.13
23 05 23 00-0365 Float Valves (23 05 23)		
23 05 23 00-0366 Float Valve Assembly For Maintaining Liquid Level In Tanks (23 05 23 00-0365)		
23 05 23 00-0367 Single Seat, Bronze Construction (23 05 23 00-0366)		
Note: For storage tanks, reservoirs, cooling towers and filtration plants.		
23 05 23 00-0368 EA Inlet Size 1/2", Maximum PSI 100, Single Seat Float Valve.....	222.38	22.51
23 05 23 00-0369 EA Inlet Size 3/4", Maximum PSI 100, Single Seat Float Valve.....	254.69	26.79
23 05 23 00-0370 EA Inlet Size 1", Maximum PSI 100, Single Seat Float Valve.....	331.90	28.93
23 05 23 00-0371 EA Inlet Size 1-1/4", Maximum PSI 90, Single Seat Float Valve.....	556.41	36.44
23 05 23 00-0372 EA Inlet Size 1-1/2", Maximum PSI 90, Single Seat Float Valve.....	567.13	41.80
23 05 23 00-0373 Double Seat, Bronze Construction (23 05 23 00-0366)		
Note: For hot or cold water or oil to open tanks.		
23 05 23 00-0374 EA Pipe Size 1/2" Maximum PSI 150, Double Seat Float Valve.....	1,215.42	22.51
23 05 23 00-0375 EA Pipe Size 3/4" Maximum PSI 150, Double Seat Float Valve.....	1,224.00	26.79
23 05 23 00-0376 EA Pipe Size 1" Maximum PSI 150, Double Seat Float Valve.....	1,413.42	28.93
23 05 23 00-0377 EA Pipe Size 1-1/4" Maximum PSI 150, Double Seat Float Valve.....	1,561.42	36.44
23 05 23 00-0378 EA Pipe Size 1-1/2" Maximum PSI 150, Double Seat Float Valve.....	1,784.94	41.80
23 05 23 00-0379 EA Pipe Size 2" Maximum PSI 150, Double Seat Float Valve.....	2,342.60	49.29
23 05 23 00-0380 EA Pipe Size 2-1/2" Maximum PSI 150, Double Seat Float Valve.....	2,722.14	66.12
23 05 23 00-0381 EA Pipe Size 3" Maximum PSI 150, Double Seat Float Valve.....	3,274.87	76.00
23 05 23 00-0382 Float Valve Single Seated Balanced For Air Oil Or Water (23 05 23 00-0365)		
Note: Includes arm, ball and bracket.		
23 05 23 00-0383 Brass Body Threaded Ends (23 05 23 00-0382)		
23 05 23 00-0384 EA 1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	231.13	29.04
23 05 23 00-0385 EA 3/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	261.46	32.26
23 05 23 00-0386 EA 1" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	325.02	35.68
23 05 23 00-0387 EA 1-1/4" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	519.36	57.66
23 05 23 00-0388 EA 1-1/2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	542.50	65.70
23 05 23 00-0389 EA 2" Brass Body, Threaded Ends, Float Valve, Single Seated With Arm Ball And Bracket.....	608.79	81.45
23 05 23 00-0390 Cast Iron Body Flanged (23 05 23 00-0382)		
23 05 23 00-0391 EA 2-1/2" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	7,658.91	143.11
23 05 23 00-0392 EA 3" Cast Iron Body, Flanged, Float Valve, Single Seated With Arm Ball And Bracket.....	9,261.57	167.79
23 05 23 00-0393 Float Operated Valves (23 05 23 00-0365)		
23 05 23 00-0394 For Condensate Receivers Tanks And Vessels (23 05 23 00-0393)		
Note: Cast iron body, self-contained, float in-line mount.		
23 05 23 00-0395 EA 1" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	845.27	50.37
23 05 23 00-0396 For Condensate Receivers Tanks And Vessels (23 05 23 00-0393)		
Note: Cast iron body, external float tank mount, flanged.		
23 05 23 00-0397 EA 3/4" Inlet, Float Operated Valve, Single Seated With Arm Ball And Bracket.....	1,057.83	93.76
23 05 23 00-0398 Needle Valves (23 05 23)		
23 05 23 00-0399 Bronze Needle Valve (23 05 23 00-0398)		
Note: For heating and cooling applications.		
23 05 23 00-0400 EA 1/4" Needle Valve, Bronze.....	115.05	10.72
23 05 23 00-0401 EA 3/8" Needle Valve, Bronze.....	128.51	10.72
23 05 23 00-0402 EA 1/2" Needle Valve, Bronze.....	140.72	10.72
23 05 23 00-0403 EA 3/4" Needle Valve, Bronze.....	214.23	11.79
23 05 23 00-0404 EA 1" Needle Valve, Bronze.....	329.86	13.40
23 05 23 00-0405 Eccentric Valves With Taps (23 05 23)		
23 05 23 00-0406 Screwed Eccentric Valves With Taps (23 05 23 00-0405)		
23 05 23 00-0407 EA 1/2" Diameter Eccentric Valves With Taps, Screwed.....	497.35	10.72
23 05 23 00-0408 EA 3/4" Diameter Eccentric Valves With Taps, Screwed.....	516.48	11.79

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0409	EA	1" Diameter Eccentric Valves With Taps, Screwed.....	654.46	13.40
23 05 23 00-0410	EA	1-1/4" Diameter Eccentric Valves With Taps, Screwed.....	790.53	14.26
23 05 23 00-0411	EA	1-1/2" Diameter Eccentric Valves With Taps, Screwed.....	858.48	16.50
23 05 23 00-0412	EA	2" Diameter Eccentric Valves With Taps, Screwed.....	1,008.74	19.50
23 05 23 00-0413	EA	2-1/2" Diameter Eccentric Valves With Taps, Screwed.....	1,541.28	26.35
23 05 23 00-0414	EA	3" Diameter Eccentric Valves With Taps, Screwed.....	1,881.90	30.59
23 05 23 00-0415		Flanged Eccentric Valves With Taps (23 05 23 00-0405)		
23 05 23 00-0416	EA	2-1/2" Diameter Eccentric Valves With Taps, Flanged.....	1,852.56	143.11
23 05 23 00-0417	EA	3" Diameter Eccentric Valves With Taps, Flanged.....	2,203.48	167.79
23 05 23 00-0418	EA	4" Diameter Eccentric Valves With Taps, Flanged.....	2,879.95	281.28
23 05 23 00-0419	EA	5" Diameter Eccentric Valves With Taps, Flanged.....	3,940.28	304.85
23 05 23 00-0420	EA	6" Diameter Eccentric Valves With Taps, Flanged.....	5,052.67	338.73
23 05 23 00-0421	EA	8" Diameter Eccentric Valves With Taps, Flanged.....	8,903.19	432.82
23 05 23 00-0422	EA	10" Diameter Eccentric Valves With Taps, Flanged.....	12,583.96	526.91
23 05 23 00-0423	EA	12" Diameter Eccentric Valves With Taps, Flanged.....	21,979.15	639.81
23 05 23 00-0424		Earthquake-Sensitive Gas Shut-Off Valve (23 05 23)		
23 05 23 00-0425		0.5 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0424)		
23 05 23 00-0426	EA	3/4" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve.....	160.95	11.79
23 05 23 00-0427	EA	1" Diameter Threaded, 0.5 PSI Earthquake Gas Shutoff Valve.....	182.31	13.40
23 05 23 00-0428		7 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0424)		
23 05 23 00-0429	EA	1-1/4" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve.....	213.09	14.26
23 05 23 00-0430	EA	1-1/2" Diameter Threaded, 7 PSI Earthquake Gas Shutoff Valve.....	287.03	16.50
23 05 23 00-0431		60 PSI Threaded Earthquake Gas Shutoff Valves (23 05 23 00-0424)		
23 05 23 00-0432	EA	3/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	198.72	11.79
23 05 23 00-0433	EA	1" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	208.54	13.40
23 05 23 00-0434	EA	1-1/4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	234.08	14.26
23 05 23 00-0435	EA	1-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	318.51	16.50
23 05 23 00-0436	EA	2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	726.95	19.50
23 05 23 00-0437	EA	2-1/2" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	865.57	26.25
23 05 23 00-0438	EA	3" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	1,122.35	30.59
23 05 23 00-0439	EA	4" Diameter Threaded, 60 PSI Earthquake Gas Shutoff Valve.....	1,300.62	34.54
23 05 23 00-0440		60 PSI Flanged Earthquake Gas Shutoff Valves (23 05 23 00-0424)		
23 05 23 00-0441	EA	2" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,017.98	142.86
23 05 23 00-0442	EA	3" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,253.94	167.79
23 05 23 00-0443	EA	4" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	1,768.91	281.28
23 05 23 00-0444	EA	6" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	2,890.55	338.73
23 05 23 00-0445	EA	8" Flanged, 60 PSI Earthquake Gas Shutoff Valve.....	7,777.14	432.82
23 05 23 00-0446		Emergency Shut-Off Valve With Fusible Link (23 05 23)		
23 05 23 00-0447		Threaded, Fusible Brass Gate Valves (Morrison Bros. 939) (23 05 23 00-0446)		
Note: Brass globe/gate valve used to shut off product flow in the event of a fire. Fusible element in the handwheel automatically closes the valve when in contact with 165° F.				
23 05 23 00-0448	EA	1/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	81.14	17.26
<i>For Work In Restricted Working Space, Add</i>			9.36	
23 05 23 00-0449	EA	3/8" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	82.82	18.21
<i>For Work In Restricted Working Space, Add</i>			9.87	
23 05 23 00-0450	EA	1/2" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	137.32	17.26
<i>For Work In Restricted Working Space, Add</i>			10.37	
23 05 23 00-0451	EA	3/4" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	274.73	23.25
<i>For Work In Restricted Working Space, Add</i>			13.98	
23 05 23 00-0452	EA	1" Diameter Threaded, Fusible Brass Gate Valve (Morrison Bros. 939 Series).....	703.20	28.19
<i>For Work In Restricted Working Space, Add</i>			16.92	
23 05 23 00-0453		Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0446)		
Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.				
23 05 23 00-0454	EA	1-1/2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	529.19	16.50
23 05 23 00-0455	EA	2" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	569.38	19.50
23 05 23 00-0456	EA	3" Diameter Threaded, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	958.46	30.59
23 05 23 00-0457		Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI) (23 05 23 00-0446)		
Note: Ductile iron body, cap, seat and swing arm. Viton® encapsulated Teflon® o-ring, Teflon® gasket, and stainless steel spring.				
23 05 23 00-0458	EA	2" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	660.08	142.86
23 05 23 00-0459	EA	3" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	1,072.85	167.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0460 EA 4" Diameter Flanged, Ductile Iron Emergency Gas Shutoff Valves (Morrison Bros. 346-DI).....	2,450.36	281.28
23 05 23 00-0461 Check Valves <small>(23 05 23)</small>		
23 05 23 00-0462 Iron Body Wafer Type Check Valve <small>(23 05 23 00-0461)</small>		
23 05 23 00-0463 Single Disk Type <small>(23 05 23 00-0462)</small>		
23 05 23 00-0464 EA 2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	462.20	142.92
For 200 LB Rating, Add	70.88	
For 150 LB Rating, Add	59.54	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	163.32	
For 300 LB Rating, Add	85.05	
23 05 23 00-0465 EA 2-1/2" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	550.99	143.20
For 200 LB Rating, Add	92.86	
For 150 LB Rating, Add	78.00	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	203.06	
For 300 LB Rating, Add	111.43	
23 05 23 00-0466 EA 3" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	679.61	167.89
For 200 LB Rating, Add	117.38	
For 150 LB Rating, Add	98.60	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	253.30	
For 300 LB Rating, Add	140.85	
23 05 23 00-0467 EA 4" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	988.60	281.45
For 200 LB Rating, Add	158.98	
For 150 LB Rating, Add	133.54	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	356.70	
For 300 LB Rating, Add	190.77	
23 05 23 00-0468 EA 6" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	1,489.82	395.03
For 200 LB Rating, Add	249.01	
For 150 LB Rating, Add	209.17	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	546.97	
For 300 LB Rating, Add	298.81	
23 05 23 00-0469 EA 8" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	2,094.33	454.28
For 200 LB Rating, Add	382.14	
For 150 LB Rating, Add	320.99	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	801.00	
For 300 LB Rating, Add	458.56	
23 05 23 00-0470 EA 10" Check Valve, Single Disc Type, Iron Body Wafer Type, 125 LB	3,137.73	553.04
For 200 LB Rating, Add	610.35	
For 150 LB Rating, Add	512.69	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	1,237.89	
For 300 LB Rating, Add	732.41	
23 05 23 00-0471 Twin Disc Type <small>(23 05 23 00-0462)</small>		
23 05 23 00-0472 EA 2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	635.59	142.92
For 200 LB Rating, Add	114.22	
For 150 LB Rating, Add	95.95	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	241.34	
For 300 LB Rating, Add	137.07	
23 05 23 00-0473 EA 2-1/2" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	727.87	143.20
For 200 LB Rating, Add	137.08	
For 150 LB Rating, Add	115.15	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	282.65	
For 300 LB Rating, Add	164.50	
23 05 23 00-0474 EA 3" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	849.87	167.89
For 200 LB Rating, Add	159.94	
For 150 LB Rating, Add	134.35	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	329.91	
For 300 LB Rating, Add	191.93	
23 05 23 00-0475 EA 4" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,165.15	281.45
For 200 LB Rating, Add	203.11	
For 150 LB Rating, Add	170.61	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	436.14	
For 300 LB Rating, Add	243.74	
23 05 23 00-0476 EA 6" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	1,803.88	395.03
For 200 LB Rating, Add	327.53	
For 150 LB Rating, Add	275.12	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	688.30	
For 300 LB Rating, Add	393.03	
23 05 23 00-0477 EA 8" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	2,565.07	454.28
For 200 LB Rating, Add	500.19	
For 150 LB Rating, Add	420.16	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	1,013.20	
For 300 LB Rating, Add	600.23	
23 05 23 00-0478 EA 10" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	3,880.15	543.15
For 200 LB Rating, Add	792.15	
For 150 LB Rating, Add	665.40	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	1,564.18	
For 300 LB Rating, Add	950.57	
23 05 23 00-0479 EA 12" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	5,082.13	671.54
For 200 LB Rating, Add	1,061.30	
For 150 LB Rating, Add	891.49	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	2,077.73	
For 300 LB Rating, Add	1,273.56	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0480 EA 14" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	9,694.33	796.40
For 200 LB Rating, Add	2,158.12	
For 150 LB Rating, Add	1,812.82	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	4,096.98	
For 300 LB Rating, Add	2,589.74	
23 05 23 00-0481 EA 16" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	13,355.08	934.44
For 200 LB Rating, Add	3,046.76	
For 150 LB Rating, Add	2,559.27	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	5,717.77	
For 300 LB Rating, Add	3,656.11	
23 05 23 00-0482 EA 18" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	17,844.71	1,040.64
For 200 LB Rating, Add	4,136.72	
For 150 LB Rating, Add	3,474.84	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	7,705.66	
For 300 LB Rating, Add	4,964.06	
23 05 23 00-0483 EA 20" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	21,248.07	1,168.06
For 200 LB Rating, Add	4,947.00	
For 150 LB Rating, Add	4,155.48	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	9,196.61	
For 300 LB Rating, Add	5,936.40	
23 05 23 00-0484 EA 24" Check Valve, Twin Disc Type, Iron Body Wafer Type, 125 LB	27,797.76	1,433.53
For 200 LB Rating, Add	6,500.19	
For 150 LB Rating, Add	5,460.16	
For 300 LB Rating, Cast Steel, Weld End, Wedge, Add	12,059.74	
For 300 LB Rating, Add	7,800.23	
23 05 23 00-0485 Lift Check Valves (23 05 23 00-0461)		
23 05 23 00-0486 Bronze Body, Threaded, Vertical Lift Check Valves (23 05 23 00-0485)		
Note: Watts #600 series.		
23 05 23 00-0487 EA 3/8" Lift Check Valve, Bronze, Threaded	118.31	10.72
23 05 23 00-0488 EA 1/2" Lift Check Valve, Bronze, Threaded	125.21	10.72
23 05 23 00-0489 EA 3/4" Lift Check Valve, Bronze, Threaded	159.47	11.25
23 05 23 00-0490 EA 1" Lift Check Valve, Bronze, Threaded	210.46	11.25
23 05 23 00-0491 EA 1-1/4" Lift Check Valve, Bronze, Threaded	292.26	14.26
23 05 23 00-0492 EA 1-1/2" Lift Check Valve, Bronze, Threaded	355.85	16.50
23 05 23 00-0493 EA 2" Lift Check Valve, Bronze, Threaded	508.52	19.50
23 05 23 00-0494 Bronze Body, Threaded, 300 LB, Lift Check Valves (23 05 23 00-0485)		
Note: Crane 366E.		
23 05 23 00-0495 EA 1/2" Lift Check Valve, Bronze, Threaded, 300 LB	744.44	10.72
23 05 23 00-0496 EA 3/4" Lift Check Valve, Bronze, Threaded, 300 LB	903.94	11.25
23 05 23 00-0497 EA 1" Lift Check Valve, Bronze, Threaded, 300 LB	1,623.66	11.25
23 05 23 00-0498 EA 1-1/4" Lift Check Valve, Bronze, Threaded, 300 LB	2,164.18	14.26
23 05 23 00-0499 EA 1-1/2" Lift Check Valve, Bronze, Threaded, 300 LB	2,350.35	16.50
23 05 23 00-0500 EA 2" Lift Check Valve, Bronze, Threaded, 300 LB	3,019.84	19.50
23 05 23 00-0501 Iron Body, Flanged, 125 LB Vertical Lift Check Valves (23 05 23 00-0485)		
Note: Mueller 105MAP.		
23 05 23 00-0502 EA 2" Lift Check Valve, Iron Body, Flanged, 125 LB	1,078.48	142.86
23 05 23 00-0503 EA 2-1/2" Lift Check Valve, Iron Body, Flanged, 125 LB	1,180.50	143.11
23 05 23 00-0504 EA 3" Lift Check Valve, Iron Body, Flanged, 125 LB	1,289.35	167.79
23 05 23 00-0505 EA 4" Lift Check Valve, Iron Body, Flanged, 125 LB	1,802.99	281.28
23 05 23 00-0506 EA 5" Lift Check Valve, Iron Body, Flanged, 125 LB	2,246.38	304.85
23 05 23 00-0507 EA 6" Lift Check Valve, Iron Body, Flanged, 125 LB	2,762.41	338.73
23 05 23 00-0508 EA 8" Lift Check Valve, Iron Body, Flanged, 125 LB	4,815.95	432.82
23 05 23 00-0509 EA 10" Lift Check Valve, Iron Body, Flanged, 125 LB	6,045.23	526.91
23 05 23 00-0510 EA 12" Lift Check Valve, Iron Body, Flanged, 125 LB	9,760.11	639.81
23 05 23 00-0511 EA 14" Lift Check Valve, Iron Body, Flanged, 125 LB	13,363.93	923.09
23 05 23 00-0512 EA 16" Lift Check Valve, Iron Body, Flanged, 125 LB	14,807.24	1,015.40
23 05 23 00-0513 Bronze Body Swing Check Valves (23 05 23 00-0461)		
23 05 23 00-0514 Bronze Body, Threaded, Brazed Or Soldered Installation, 125 LB, Swing Check Valves (23 05 23 00-0513)		
23 05 23 00-0515 EA 1/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	79.45	10.72
For 300 LB Rating, Add	17.50	
For Work In Restricted Working Space, Add	10.37	
23 05 23 00-0516 EA 1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	76.08	10.72
For 300 LB Rating, Add	17.50	
For Work In Restricted Working Space, Add	9.36	
23 05 23 00-0517 EA 3/8" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	77.72	10.72
For 300 LB Rating, Add	17.50	
For Work In Restricted Working Space, Add	9.86	
23 05 23 00-0518 EA 1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	81.20	10.72
For 300 LB Rating, Add	18.18	
For Work In Restricted Working Space, Add	10.37	
23 05 23 00-0519 EA 3/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	103.08	11.25
For 300 LB Rating, Add	22.03	
For Work In Restricted Working Space, Add	13.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0520 EA 1" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	133.12	11.25
<i>For 300 LB Rating, Add</i>	29.92	
<i>For Work In Restricted Working Space, Add</i>	16.92	
23 05 23 00-0521 EA 1-1/4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	179.12	14.26
<i>For 300 LB Rating, Add</i>	41.99	
<i>For Work In Restricted Working Space, Add</i>	21.44	
23 05 23 00-0522 EA 1-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	233.22	16.50
<i>For 300 LB Rating, Add</i>	58.80	
<i>For Work In Restricted Working Space, Add</i>	24.73	
23 05 23 00-0523 EA 2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	291.29	19.50
<i>For 300 LB Rating, Add</i>	75.61	
<i>For Work In Restricted Working Space, Add</i>	29.23	
23 05 23 00-0524 EA 2-1/2" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	577.25	26.35
<i>For 300 LB Rating, Add</i>	173.80	
<i>For Work In Restricted Working Space, Add</i>	39.48	
23 05 23 00-0525 EA 3" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	785.66	30.59
<i>For 300 LB Rating, Add</i>	247.19	
<i>For Work In Restricted Working Space, Add</i>	45.55	
23 05 23 00-0526 EA 4" Swing Check Valve, Bronze, Threaded, Brazed Or Soldered, 125 LB	889.96	34.54
<i>For 300 LB Rating, Add</i>	279.72	
<i>For Work In Restricted Working Space, Add</i>	51.82	
23 05 23 00-0527 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves <small>(23 05 23 00-0461)</small>		
23 05 23 00-0528 EA 1" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	386.50	80.37
<i>For 150 LB Rating, Add</i>	194.07	
<i>For 250 LB Rating, Add</i>	371.01	
<i>For Work In Restricted Working Space, Add</i>	30.33	
23 05 23 00-0529 EA 1-1/4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	430.91	93.77
<i>For 150 LB Rating, Add</i>	213.81	
<i>For 250 LB Rating, Add</i>	408.75	
<i>For Work In Restricted Working Space, Add</i>	34.95	
23 05 23 00-0530 EA 1-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	482.03	112.53
<i>For 150 LB Rating, Add</i>	231.89	
<i>For 250 LB Rating, Add</i>	443.33	
<i>For Work In Restricted Working Space, Add</i>	42.30	
23 05 23 00-0531 EA 2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	602.16	142.86
<i>For 150 LB Rating, Add</i>	288.01	
<i>For 250 LB Rating, Add</i>	550.60	
<i>For Work In Restricted Working Space, Add</i>	53.59	
23 05 23 00-0532 EA 2-1/2" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	673.75	143.11
<i>For 150 LB Rating, Add</i>	336.12	
<i>For 250 LB Rating, Add</i>	642.59	
<i>For Work In Restricted Working Space, Add</i>	53.84	
23 05 23 00-0533 EA 3" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	747.14	167.79
<i>For 150 LB Rating, Add</i>	365.26	
<i>For 250 LB Rating, Add</i>	698.30	
<i>For Work In Restricted Working Space, Add</i>	63.00	
23 05 23 00-0534 EA 4" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,182.63	281.28
<i>For 150 LB Rating, Add</i>	564.50	
<i>For 250 LB Rating, Add</i>	1,079.18	
<i>For Work In Restricted Working Space, Add</i>	105.75	
23 05 23 00-0535 EA 5" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,599.28	304.85
<i>For 150 LB Rating, Add</i>	828.78	
<i>For 250 LB Rating, Add</i>	1,584.44	
<i>For Work In Restricted Working Space, Add</i>	114.14	
23 05 23 00-0536 EA 6" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	1,838.08	338.73
<i>For 150 LB Rating, Add</i>	960.94	
<i>For 250 LB Rating, Add</i>	1,837.10	
<i>For Work In Restricted Working Space, Add</i>	127.48	
23 05 23 00-0537 EA 8" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	4,065.78	432.82
<i>For 150 LB Rating, Add</i>	2,399.12	
<i>For 250 LB Rating, Add</i>	4,586.56	
<i>For Work In Restricted Working Space, Add</i>	161.30	
23 05 23 00-0538 EA 10" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	5,461.15	526.91
<i>For 150 LB Rating, Add</i>	3,265.71	
<i>For 250 LB Rating, Add</i>	6,243.28	
<i>For Work In Restricted Working Space, Add</i>	197.59	
23 05 23 00-0539 EA 12" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	8,287.64	639.81
<i>For 150 LB Rating, Add</i>	5,092.72	
<i>For 250 LB Rating, Add</i>	9,736.09	
<i>For Work In Restricted Working Space, Add</i>	239.50	
23 05 23 00-0540 EA 14" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	9,632.77	923.09
<i>For 150 LB Rating, Add</i>	5,765.66	
<i>For 250 LB Rating, Add</i>	11,022.58	
<i>For Work In Restricted Working Space, Add</i>	346.16	
23 05 23 00-0541 EA 16" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	13,618.72	1,015.40
<i>For 150 LB Rating, Add</i>	8,397.64	
<i>For 250 LB Rating, Add</i>	16,054.31	
<i>For Work In Restricted Working Space, Add</i>	380.78	
23 05 23 00-0542 EA 18" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	20,817.62	1,126.17
<i>For 150 LB Rating, Add</i>	13,198.73	
<i>For 250 LB Rating, Add</i>	25,232.87	
<i>For Work In Restricted Working Space, Add</i>	422.32	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0543 EA 20" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	28,601.88	1,269.25
For 150 LB Rating, Add	18,370.42	
For 250 LB Rating, Add	35,119.92	
For Work In Restricted Working Space, Add	475.97	
23 05 23 00-0544 EA 24" 125 LB Flanged, Iron Body, Bronze Trim, Swing Check Valves	39,766.90	1,557.72
For 150 LB Rating, Add	25,717.44	
For 250 LB Rating, Add	49,165.69	
For Work In Restricted Working Space, Add	584.14	
23 05 23 00-0545 Class 800 Forged Steel, Screwed, Chrome Trim, Bolted Bonnet, Piston Check, Swing Check Valves (23 05 23 00-0461)		
Note: 800 PSIG at 850 Degrees F.		
23 05 23 00-0546 EA 1/2" Class 800, Threaded, Forged Steel Swing Check Valve	189.95	10.72
For Work In Restricted Working Space, Add	10.37	
23 05 23 00-0547 EA 3/4" 800, Threaded, Forged Steel Swing Check Valve	223.00	11.79
For Work In Restricted Working Space, Add	13.98	
23 05 23 00-0548 EA 1" Class 800, Threaded, Forged Steel Swing Check Valve	263.57	13.40
For Work In Restricted Working Space, Add	16.92	
23 05 23 00-0549 EA 1-1/4" Class 800, Threaded, Forged Steel Swing Check Valve	410.25	14.26
For Work In Restricted Working Space, Add	21.44	
23 05 23 00-0550 EA 1-1/2" 800, Threaded, Forged Steel Swing Check Valve	487.06	16.50
For Work In Restricted Working Space, Add	24.73	
23 05 23 00-0551 EA 2" Class 800, Threaded, Forged Steel Swing Check Valve	660.66	19.50
For Work In Restricted Working Space, Add	29.23	
23 05 23 00-0552 Plastic Check Valve (23 05 23 00-0461)		
23 05 23 00-0553 Polyvinyl Chloride (PVC) Check Valve (23 05 23 00-0552)		
23 05 23 00-0554 Polyvinyl Chloride (PVC) "Y" Check Valve (23 05 23 00-0553)		
23 05 23 00-0555 EA 1/2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	92.60	10.72
23 05 23 00-0556 EA 3/4" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	108.89	11.79
23 05 23 00-0557 EA 1" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	124.79	13.40
23 05 23 00-0558 EA 1-1/4" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	178.94	14.26
23 05 23 00-0559 EA 1-1/2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	198.89	16.50
23 05 23 00-0560 EA 2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	324.76	17.96
23 05 23 00-0561 EA 2-1/2" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	419.24	26.35
23 05 23 00-0562 EA 3" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	458.39	30.59
23 05 23 00-0563 EA 4" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Threaded Or Socket	674.34	34.54
23 05 23 00-0564 EA 3" Polyvinyl Chloride (PVC) "Y" Type Check Valve, Flanged	639.95	167.79
23 05 23 00-0565 Polyvinyl Chloride (PVC) True Union Ball Check Valve (23 05 23 00-0553)		
23 05 23 00-0566 Valves (23 05 23 00-0565)		
23 05 23 00-0567 EA 1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve	69.41	10.72
23 05 23 00-0568 EA 3/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve	86.40	11.79
23 05 23 00-0569 EA 1" Polyvinyl Chloride (PVC) True Union Ball Check Valve	106.17	13.40
23 05 23 00-0570 EA 1-1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve	137.80	14.26
23 05 23 00-0571 EA 1-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve	162.06	16.50
23 05 23 00-0572 EA 2" Polyvinyl Chloride (PVC) True Union Ball Check Valve	241.75	19.50
23 05 23 00-0573 EA 3" Polyvinyl Chloride (PVC) True Union Ball Check Valve	398.67	26.35
23 05 23 00-0574 EA 4" Polyvinyl Chloride (PVC) True Union Ball Check Valve	687.63	30.59
23 05 23 00-0575 Foot Valve Screen (23 05 23 00-0565)		
Note: For use with PVC true union ball check valves above.		
23 05 23 00-0576 EA 1/2" Foot Valve Screen Option	59.16	
23 05 23 00-0577 EA 3/4" Foot Valve Screen Option	70.74	
23 05 23 00-0578 EA 1" Foot Valve Screen Option	81.97	
23 05 23 00-0579 EA 1-1/4" Foot Valve Screen Option	123.75	
23 05 23 00-0580 EA 1-1/2" Foot Valve Screen Option	136.92	
23 05 23 00-0581 EA 2" Foot Valve Screen Option	148.15	
23 05 23 00-0582 EA 2-1/2" Foot Valve Screen Option	176.76	
23 05 23 00-0583 EA 3" Foot Valve Screen Option	205.38	
23 05 23 00-0584 EA 4" Foot Valve Screen Option	249.26	
23 05 23 00-0585 Hayward "True Check" With VITON Seals (23 05 23 00-0565)		
23 05 23 00-0586 EA 1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	62.73	10.72
23 05 23 00-0587 EA 3/8" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	64.37	10.72
23 05 23 00-0588 EA 1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	70.24	10.72
23 05 23 00-0589 EA 3/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	86.32	11.79
23 05 23 00-0590 EA 1" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	107.34	13.40
23 05 23 00-0591 EA 1-1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	137.72	14.26
23 05 23 00-0592 EA 1-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	167.04	16.50
23 05 23 00-0593 EA 2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	210.23	19.50
23 05 23 00-0594 EA 2-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	393.69	26.35
23 05 23 00-0595 EA 3" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	430.52	30.59
23 05 23 00-0596 EA 4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	687.78	34.54

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0597				Hayward "True Check" With Ethylene Propylene Diene Monomer (EPDM) Seals <small>(23 05 23 00-0565)</small>		
23 05 23 00-0598	EA			1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	66.10	10.72
23 05 23 00-0599	EA			3/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	82.25	11.79
23 05 23 00-0600	EA			1" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	101.70	13.40
23 05 23 00-0601	EA			1-1/4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	131.58	14.26
23 05 23 00-0602	EA			1-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	155.76	16.50
23 05 23 00-0603	EA			2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	200.28	19.50
23 05 23 00-0604	EA			2-1/2" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	378.76	26.35
23 05 23 00-0605	EA			3" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	418.08	30.59
23 05 23 00-0606	EA			4" Polyvinyl Chloride (PVC) True Union Ball Check Valve, Socket Or Threaded	668.70	34.54
23 05 23 00-0607				Polyvinyl Chloride (PVC) Check Valve, Ethylene Propylene Diene Monomer (EPDM) Housing, Flanged <small>(23 05 23 00-0553)</small>		
23 05 23 00-0608	EA			1" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	337.78	64.31
23 05 23 00-0609	EA			1-1/4" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	367.50	75.02
23 05 23 00-0610	EA			1-1/2" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	402.52	93.77
23 05 23 00-0611	EA			2" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	489.95	117.89
23 05 23 00-0612	EA			2-1/2" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	593.77	118.51
23 05 23 00-0613	EA			3" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	814.13	138.25
23 05 23 00-0614	EA			4" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	1,120.11	234.54
23 05 23 00-0615	EA			6" Thermoplastic Check Valve, Polyvinyl Chloride (PVC) With Ethylene Propylene Diene Monomer (EPDM) Housing	1,838.64	395.03
23 05 23 00-0616				Swing Check Valves, 150 LB Polyvinyl Chloride (PVC) Socket Weld End Connections <small>(23 05 23 00-0552)</small>		
23 05 23 00-0617	EA			1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	87.44	10.72
				<i>For Work In Restricted Working Space, Add</i>	10.37	
23 05 23 00-0618	EA			3/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	99.45	11.79
				<i>For Work In Restricted Working Space, Add</i>	13.98	
23 05 23 00-0619	EA			1" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	111.35	13.40
				<i>For Work In Restricted Working Space, Add</i>	16.92	
23 05 23 00-0620	EA			1-1/4" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	128.66	14.26
				<i>For Work In Restricted Working Space, Add</i>	21.44	
23 05 23 00-0621	EA			1-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	142.96	16.50
				<i>For Work In Restricted Working Space, Add</i>	24.73	
23 05 23 00-0622	EA			2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	191.53	19.50
				<i>For Work In Restricted Working Space, Add</i>	29.23	
23 05 23 00-0623	EA			2-1/2" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	265.57	26.35
				<i>For Work In Restricted Working Space, Add</i>	39.48	
23 05 23 00-0624	EA			3" Check Valve, Duplex Polyvinyl Chloride (PVC), Socket Weld, 150 LB.....	325.68	30.59
				<i>For Work In Restricted Working Space, Add</i>	45.55	
23 05 23 00-0625				Polyvinyl Chloride (PVC) Body, Swing Check Valves <small>(23 05 23 00-0552)</small>		
23 05 23 00-0626				Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals <small>(23 05 23 00-0625)</small>		
23 05 23 00-0627	EA			3" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	639.05	138.17
				<i>For Work In Restricted Working Space, Add</i>	52.87	
23 05 23 00-0628	EA			4" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	807.84	234.40
				<i>For Work In Restricted Working Space, Add</i>	87.09	
23 05 23 00-0629	EA			6" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,298.11	282.27
				<i>For Work In Restricted Working Space, Add</i>	116.23	
23 05 23 00-0630	EA			8" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals	1,740.92	357.54
				<i>For Work In Restricted Working Space, Add</i>	131.73	
23 05 23 00-0631				Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals <small>(23 05 23 00-0625)</small>		
23 05 23 00-0632	EA			3" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	758.48	138.17
				<i>For Work In Restricted Working Space, Add</i>	52.87	
23 05 23 00-0633	EA			4" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,071.58	234.40
				<i>For Work In Restricted Working Space, Add</i>	87.09	
23 05 23 00-0634	EA			6" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	1,547.93	282.27
				<i>For Work In Restricted Working Space, Add</i>	116.23	
23 05 23 00-0635	EA			8" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals	2,039.50	357.54
				<i>For Work In Restricted Working Space, Add</i>	131.73	
23 05 23 00-0636				Polyvinyl Chloride (PVC) Body, Swing Check Valves With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter Weights <small>(23 05 23 00-0625)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0637	EA		3" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights.....	790.00	138.17
			<i>For Work In Restricted Working Space, Add</i>	52.87	
23 05 23 00-0638	EA		4" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights.....	1,074.07	234.40
			<i>For Work In Restricted Working Space, Add</i>	87.09	
23 05 23 00-0639	EA		6" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights.....	1,437.45	282.27
			<i>For Work In Restricted Working Space, Add</i>	116.23	
23 05 23 00-0640	EA		8" Polyvinyl Chloride (PVC) Swing Check Valve, With Ethylene Propylene Diene Monomer (EPDM) Seals And Counter weights.....	1,855.71	357.54
			<i>For Work In Restricted Working Space, Add</i>	131.73	
23 05 23 00-0641			Polyvinyl Chloride (PVC) Body, Swing Check Valves With Viton Seals And Counter Weights <small>(23 05 23 00-0625)</small>		
23 05 23 00-0642	EA		3" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	889.52	138.17
			<i>For Work In Restricted Working Space, Add</i>	52.87	
23 05 23 00-0643	EA		4" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,219.22	234.40
			<i>For Work In Restricted Working Space, Add</i>	87.09	
23 05 23 00-0644	EA		6" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	1,644.80	282.27
			<i>For Work In Restricted Working Space, Add</i>	116.23	
23 05 23 00-0645	EA		8" Polyvinyl Chloride (PVC) Swing Check Valve, With Viton Seals And Counter Weights	2,104.53	357.54
			<i>For Work In Restricted Working Space, Add</i>	131.73	
23 05 23 00-0646			Diaphragm Valves <small>(23 05 23)</small>		
23 05 23 00-0647			Polytetrafluoroethylene (PTFE) Or Viton Lined, Threaded Cast Iron Diaphragm Valves <small>(23 05 23 00-0646)</small>		
23 05 23 00-0648	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	279.79	32.07
23 05 23 00-0649	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	360.55	35.53
23 05 23 00-0650	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	389.13	43.92
23 05 23 00-0651	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated	619.09	65.64
23 05 23 00-0652	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,005.90	78.95
23 05 23 00-0653			Polytetrafluoroethylene (PTFE) Or Viton Lined, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0646)</small>		
23 05 23 00-0654	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	277.92	51.44
23 05 23 00-0655	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	323.52	53.59
23 05 23 00-0656	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	383.22	80.37
23 05 23 00-0657	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	579.82	112.53
23 05 23 00-0658	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	921.94	142.86
23 05 23 00-0659	EA		2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,176.91	143.11
23 05 23 00-0660	EA		3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	1,461.55	167.79
23 05 23 00-0661	EA		4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	2,070.58	281.28
23 05 23 00-0662	EA		6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	4,274.07	338.73
23 05 23 00-0663	EA		8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Polytetrafluoroethylene (PTFE) or Viton Lined, Hand Wheel Operated.....	6,641.46	432.82
23 05 23 00-0664			Ethylene Propylene Diene Monomer (EPDM) Lined, Threaded Cast Iron Diaphragm Valves <small>(23 05 23 00-0646)</small>		
23 05 23 00-0665	EA		1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	167.52	32.07
23 05 23 00-0666	EA		3/4" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	221.67	35.53
23 05 23 00-0667	EA		1" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	250.25	43.92
23 05 23 00-0668	EA		1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	429.97	65.64
23 05 23 00-0669	EA		2" Diaphragm Valve, Cast Iron, 150 LB, Threaded, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	565.63	78.95
23 05 23 00-0670			Ethylene Propylene Diene Monomer (EPDM) Lined, Flanged Cast Iron Diaphragm Valves <small>(23 05 23 00-0646)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0671 EA 1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	187.45	51.44
23 05 23 00-0672 EA 3/4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	218.32	53.59
23 05 23 00-0673 EA 1" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	277.99	80.37
23 05 23 00-0674 EA 1-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	436.55	112.53
23 05 23 00-0675 EA 2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	588.34	142.86
23 05 23 00-0676 EA 2-1/2" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	713.63	143.11
23 05 23 00-0677 EA 3" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	868.24	167.79
23 05 23 00-0678 EA 4" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	1,371.20	281.28
23 05 23 00-0679 EA 6" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	2,707.22	338.73
23 05 23 00-0680 EA 8" Diaphragm Valve, Cast Iron, 150 LB, Flanged, Ethylene Propylene Diene Monomer (EPDM) Lined, Hand Wheel Operated	4,156.30	432.82
23 05 23 00-0681 125 LB, Hand Wheel Operated, Flanged Cast Iron Diaphragm Valves (23 05 23 00-0646)		
23 05 23 00-0682 EA 1" Diaphragm Valve, Cast Iron, 125 LB, Flanged	351.52	80.37
23 05 23 00-0683 EA 1-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	568.18	112.53
23 05 23 00-0684 EA 2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	764.13	142.86
23 05 23 00-0685 EA 2-1/2" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,092.69	143.11
23 05 23 00-0686 EA 3" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,207.92	167.79
23 05 23 00-0687 EA 4" Diaphragm Valve, Cast Iron, 125 LB, Flanged	1,895.43	281.28
23 05 23 00-0688 EA 6" Diaphragm Valve, Cast Iron, 125 LB, Flanged	3,775.93	338.73
23 05 23 00-0689 EA 8" Diaphragm Valve, Cast Iron, 125 LB, Flanged	7,836.17	432.82
23 05 23 00-0690 Solenoid Valves (23 05 23)		
23 05 23 00-0691 Bronze Body Solenoid Valves, 150 PSI Maximum Water Pressure (23 05 23 00-0690)		
23 05 23 00-0692 EA 1/4" Solenoid Valve, Bronze, 150 PSI, Water	129.05	10.72
23 05 23 00-0693 EA 1/2" Solenoid Valve, Bronze, 150 PSI, Water	149.94	10.72
23 05 23 00-0694 EA 3/4" Solenoid Valve, Bronze, 150 PSI, Water	191.66	11.79
23 05 23 00-0695 EA 1" Solenoid Valve, Bronze, 150 PSI, Water	283.63	13.40
23 05 23 00-0696 EA 1-1/2" Solenoid Valve, Bronze, 150 PSI, Water	501.92	16.50
23 05 23 00-0697 EA 2" Solenoid Valve, Bronze, 150 PSI, Water	789.03	19.50
23 05 23 00-0698 EA 2-1/2" Solenoid Valve, Bronze, 150 PSI, Water	1,074.83	26.35
23 05 23 00-0699 EA 3" Solenoid Valve, Bronze, 150 PSI, Water	1,563.04	30.59
23 05 23 00-0700 Flow Control Valves And Meters (23 05 23)		
23 05 23 00-0701 Conditioned Water Balancing Valves (23 05 23 00-0700)		
Note: Working pressures up to 300 PSIG. Iron and bronze body construction (combination balancing, flow measuring and shut-off). Excludes portable read-out meter.		
23 05 23 00-0702 EA 1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	163.14	54.68
23 05 23 00-0703 EA 3/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	194.78	72.91
23 05 23 00-0704 EA 1" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,348.41	83.31
23 05 23 00-0705 EA 1-1/4" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,449.67	102.93
23 05 23 00-0706 EA 1-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,552.34	109.37
23 05 23 00-0707 EA 2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,659.26	125.02
23 05 23 00-0708 EA 2-1/2" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,946.73	217.66
23 05 23 00-0709 EA 3" NPT Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,834.57	248.76
23 05 23 00-0710 EA 3" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	1,838.73	167.89
23 05 23 00-0711 EA 4" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	2,568.56	281.45
23 05 23 00-0712 EA 6" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	3,978.61	355.52
23 05 23 00-0713 EA 8" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	5,357.82	454.28
23 05 23 00-0714 EA 10" Flanged Flow Control Valve, Iron And Bronze, Water Balancing Valve With Pressures Up To 300 PSIG	7,621.37	553.04
23 05 23 00-0715 Read Out Meters (23 05 23 00-0700)		
Note: For use with conditioned portable water balancing valves.		
23 05 23 00-0716 EA 0.5 - 25% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,285.23	
23 05 23 00-0717 EA 0.5 - 50% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,739.29	
23 05 23 00-0718 EA 0.5 - 75% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,739.29	
23 05 23 00-0719 EA 0.5 - 100% Accuracy Read Out Meter For Use With Portable Water Balancing Valve	1,739.29	
23 05 23 00-0720 Balancing Valves (23 05 23)		
23 05 23 00-0721 Balancing Valves With Lever (23 05 23 00-0720)		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0722 EA 1/2" Threaded Balancing Valve With Lever	253.75	33.77
23 05 23 00-0723 EA 3/4" Threaded Balancing Valve With Lever	280.88	44.50
23 05 23 00-0724 EA 1" Threaded Balancing Valve With Lever	536.08	50.93
23 05 23 00-0725 EA 1-1/4" Threaded Balancing Valve With Lever	577.08	63.25

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 23 General-Duty Valves For HVAC Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0726 EA 1-1/2" Threaded Balancing Valve With Lever	606.02	67.01
23 05 23 00-0727 EA 2" Threaded Balancing Valve With Lever	744.17	76.66
23 05 23 00-0728 EA 2-1/2" Flanged Balancing Valve With Lever	998.55	143.20
23 05 23 00-0729 EA 3" Flanged Balancing Valve With Lever	1,002.11	167.89
23 05 23 00-0730 EA 4" Flanged Balancing Valve With Lever	1,252.70	281.45
23 05 23 00-0731 EA 5" Flanged Balancing Valve With Lever	3,734.35	319.97
23 05 23 00-0732 EA 6" Flanged Balancing Valve With Lever	1,841.00	355.52
23 05 23 00-0733 EA 8" Flanged Balancing Valve With Lever	2,435.32	454.28
23 05 23 00-0734 Balancing Valves With Nut <small>(23 05 23 00-0720)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0735 EA 4" Flanged Balancing Valve With Nut	1,252.70	281.45
23 05 23 00-0736 EA 5" Flanged Balancing Valve With Nut	3,734.35	319.97
23 05 23 00-0737 EA 6" Flanged Balancing Valve With Nut	1,841.00	355.52
23 05 23 00-0738 EA 8" Flanged Balancing Valve With Nut	2,435.32	454.28
23 05 23 00-0739 Balancing Valves With Hand Wheel <small>(23 05 23 00-0720)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0740 EA 4" Flanged Balancing Valve With Hand Wheel	1,707.70	281.45
23 05 23 00-0741 EA 5" Flanged Balancing Valve With Hand Wheel	4,215.35	319.97
23 05 23 00-0742 EA 6" Flanged Balancing Valve With Hand Wheel	2,323.00	355.52
23 05 23 00-0743 EA 8" Flanged Balancing Valve With Hand Wheel	3,290.32	454.28
23 05 23 00-0744 EA 10" Flanged Balancing Valve With Hand Wheel	5,064.29	553.04
23 05 23 00-0745 EA 12" Flanged Balancing Valve With Hand Wheel	6,638.00	450.55
23 05 23 00-0746 EA 14" Flanged Balancing Valve With Hand Wheel	8,679.87	849.50
23 05 23 00-0747 Balancing Valves With Chain Wheel <small>(23 05 23 00-0720)</small>		
Note: DeZurik PEC eccentric, non-lubricated plug valves, cast iron high temperature faced plug, nickel seats, buna vee packing, bronze bearings with integral gage taps and schrader fittings for metering connections.		
23 05 23 00-0748 EA 4" Flanged Balancing Valve With Chain Wheel	1,968.70	281.45
23 05 23 00-0749 EA 5" Flanged Balancing Valve With Chain Wheel	4,472.35	319.97
23 05 23 00-0750 EA 6" Flanged Balancing Valve With Chain Wheel	2,579.00	355.52
23 05 23 00-0751 EA 8" Flanged Balancing Valve With Chain Wheel	3,605.32	454.28
23 05 23 00-0752 EA 10" Flanged Balancing Valve With Chain Wheel	5,370.29	553.04
23 05 23 00-0753 EA 12" Flanged Balancing Valve With Chain Wheel	7,209.28	450.23
23 05 23 00-0754 EA 14" Flanged Balancing Valve With Chain Wheel	9,196.87	849.50
23 05 23 00-0755 Calibrated Balancing Valves <small>(23 05 23 00-0720)</small>		
Note: Bell & Gossett CB Series.		
23 05 23 00-0756 EA 1/2" Brazerd Or Soldered Calibrated Balancing Valve (CB-1/2S)	130.54	10.72
23 05 23 00-0757 EA 3/4" Brazerd Or Soldered Calibrated Balancing Valve (CB-3/4S)	152.16	11.79
23 05 23 00-0758 EA 1" Brazerd Or Soldered Calibrated Balancing Valve (CB-1S)	185.96	13.40
23 05 23 00-0759 EA 1-1/4" Brazerd Or Soldered Calibrated Balancing Valve (CB-1-1/4S)	251.39	14.26
23 05 23 00-0760 EA 1" Threaded Calibrated Balancing Valve (CB-1)	199.16	13.40
23 05 23 00-0761 EA 1-1/4" Threaded Calibrated Balancing Valve (CB-1-1/4)	274.17	14.26
23 05 23 00-0762 EA 1-1/2" Threaded Calibrated Balancing Valve (CB-1-1/2)	318.76	16.51
23 05 23 00-0763 EA 2" Threaded Calibrated Balancing Valve (CB-2)	433.30	19.51
23 05 23 00-0764 EA 2-1/2" Threaded Calibrated Balancing Valve (CB-2-1/2)	814.57	28.62
23 05 23 00-0765 EA 3" Threaded Calibrated Balancing Valve (CB-3)	1,154.39	33.24
23 05 23 00-0766 EA 2-1/2" Flanged Calibrated Balancing Valve (CB-2-1/2F)	1,082.48	155.47
23 05 23 00-0767 EA 3" Flanged Calibrated Balancing Valve (CB-3F)	1,577.42	182.28
23 05 23 00-0768 EA 4" Flanged Calibrated Balancing Valve (CB-4F)	2,463.85	305.57
23 05 23 00-0769 EA 5" Flanged Calibrated Balancing Valve (CB-5F)	3,569.94	347.39
23 05 23 00-0770 EA 6" Flanged Calibrated Balancing Valve (CB-6F)	4,712.01	385.99
23 05 23 00-0771 EA 8" Flanged Calibrated Balancing Valve (CB-8F)	8,558.54	493.21
23 05 23 00-0772 EA 10" Flanged Calibrated Balancing Valve (CB-10F)	11,904.73	594.65
23 05 23 00-0773 EA 12" Flanged Calibrated Balancing Valve (CB-12F)	25,209.69	722.07
23 05 23 00-0774 EA 4" Grooved Calibrated Balancing Valve (CB-4G)	2,994.23	36.91
23 05 23 00-0775 EA 5" Grooved Calibrated Balancing Valve (CB-5G)	3,453.75	47.99
23 05 23 00-0776 EA 6" Grooved Calibrated Balancing Valve (CB-6G)	4,589.86	61.54
23 05 23 00-0777 EA 8" Grooved Calibrated Balancing Valve (CB-8G)	8,596.26	78.10
23 05 23 00-0778 EA 10" Grooved Calibrated Balancing Valve (CB-10G)	11,557.79	87.50
23 05 23 00-0779 EA 12" Grooved Calibrated Balancing Valve (CB-12G)	23,807.36	106.70
23 05 23 00-0780 Butterfly Valves <small>(23 05 23)</small>		
23 05 23 00-0781 Cast Iron Body, Iron Disc, 150 PSI, Wafer Type, Butterfly Valves <small>(23 05 23 00-0780)</small>		
Note: With on-off handle		
23 05 23 00-0782 EA 2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	343.33	142.86
<i>For Work In Restricted Working Space, Add</i>		
	53.59	
	79.06	
23 05 23 00-0783 EA 2-1/2" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	353.74	143.11
<i>For Work In Restricted Working Space, Add</i>		
	53.84	
	83.66	
23 05 23 00-0784 EA 3" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type	397.69	167.79
<i>For Work In Restricted Working Space, Add</i>		
	63.00	
	90.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 23 00-0785 EA 4" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	588.07	281.28
<i>For Work In Restricted Working Space, Add</i>	105.75	
<i>For 200 PSI, Add</i>	113.08	
23 05 23 00-0786 EA 5" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	760.10	338.73
<i>For Work In Restricted Working Space, Add</i>	127.48	
<i>For 200 PSI, Add</i>	160.88	
23 05 23 00-0787 EA 6" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	880.32	376.36
<i>For Work In Restricted Working Space, Add</i>	141.14	
<i>For 200 PSI, Add</i>	196.74	
23 05 23 00-0788 EA 8" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,154.38	432.82
<i>For Work In Restricted Working Space, Add</i>	161.30	
<i>For 200 PSI, Add</i>	296.03	
23 05 23 00-0789 EA 10" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	1,853.76	526.91
<i>For Work In Restricted Working Space, Add</i>	197.59	
<i>For 200 PSI, Add</i>	573.66	
23 05 23 00-0790 EA 12" Butterfly Valve, Cast Iron, With Iron Disc, On Off Handle, 150 PSI Wafer Type.....	2,320.98	639.81
<i>For Work In Restricted Working Space, Add</i>	239.50	
<i>For 200 PSI, Add</i>	730.87	
23 05 23 00-0791 Cast Iron Body, Bronze Disc, Gear Operated, 200 LB, Lug Type, Butterfly Valves <small>(23 05 23 00-0780)</small>		
23 05 23 00-0792 EA 2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	630.62	142.86
<i>For Work In Restricted Working Space, Add</i>	53.59	
23 05 23 00-0793 EA 2-1/2" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	635.28	143.11
<i>For Work In Restricted Working Space, Add</i>	53.84	
23 05 23 00-0794 EA 3" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	688.81	167.79
<i>For Work In Restricted Working Space, Add</i>	63.00	
23 05 23 00-0795 EA 4" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	892.60	281.28
<i>For Work In Restricted Working Space, Add</i>	105.75	
23 05 23 00-0796 EA 5" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,097.19	338.73
<i>For Work In Restricted Working Space, Add</i>	127.48	
23 05 23 00-0797 EA 6" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,215.38	376.36
<i>For Work In Restricted Working Space, Add</i>	141.14	
23 05 23 00-0798 EA 8" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,502.96	432.82
<i>For Work In Restricted Working Space, Add</i>	161.30	
23 05 23 00-0799 EA 10" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	1,905.47	526.91
<i>For Work In Restricted Working Space, Add</i>	197.59	
23 05 23 00-0800 EA 12" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 200 PSI.....	2,610.19	639.81
<i>For Work In Restricted Working Space, Add</i>	239.50	
23 05 23 00-0801 Cast Iron Body, Bronze Disc, Gear Operated, 150 LB, Lug Type, Butterfly Valves <small>(23 05 23 00-0780)</small>		
23 05 23 00-0802 EA 14" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	4,388.22	865.40
<i>For Work In Restricted Working Space, Add</i>	346.16	
<i>For 200 PSI, Add</i>	1,164.37	
23 05 23 00-0803 EA 16" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	5,614.57	1,015.40
<i>For Work In Restricted Working Space, Add</i>	380.78	
<i>For 200 PSI, Add</i>	1,564.32	
23 05 23 00-0804 EA 18" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	7,866.33	1,130.79
<i>For Work In Restricted Working Space, Add</i>	423.08	
<i>For 200 PSI, Add</i>	2,324.18	
23 05 23 00-0805 EA 20" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	10,125.48	1,269.25
<i>For Work In Restricted Working Space, Add</i>	475.97	
<i>For 200 PSI, Add</i>	3,074.01	
23 05 23 00-0806 EA 24" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	13,611.91	1,557.72
<i>For Work In Restricted Working Space, Add</i>	585.81	
<i>For 200 PSI, Add</i>	4,197.32	
23 05 23 00-0807 EA 30" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	28,152.59	2,455.46
<i>For Work In Restricted Working Space, Add</i>	937.54	
<i>For 200 PSI, Add</i>	9,009.89	
23 05 23 00-0808 EA 36" Butterfly Valve, Cast Iron, With Bronze Disc Gear Operated, 150 PSI.....	35,705.47	3,348.36
<i>For Work In Restricted Working Space, Add</i>	1,171.92	
<i>For 200 PSI, Add</i>	11,447.66	
23 05 29 Hangers and Supports for HVAC Piping and Equipment <small>(23 05)</small>		
23 05 29 00-0001 Hangers And Supports <small>(23 05 29)</small>		
23 05 29 00-0002 Clevis Hangers <small>(23 05 29 00-0001)</small>		
23 05 29 00-0003 Steel Clevis Hanger (Cooper B-Line B3100) <small>(23 05 29 00-0002)</small>		
Note: Type 1.		
23 05 29 00-0004 EA 1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	19.67	8.88
<i>For Work In Restricted Working Space, Add</i>	5.33	
23 05 29 00-0005 EA 3/4" Steel Clevis Hanger (Cooper B-Line B3100).....	21.64	9.87
<i>For Work In Restricted Working Space, Add</i>	5.92	
23 05 29 00-0006 EA 1" Steel Clevis Hanger (Cooper B-Line B3100).....	22.75	9.87
<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0007 EA 1-1/4" Steel Clevis Hanger (Cooper B-Line B3100).....	23.62	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0008 EA 1-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	23.87	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0009 EA 2" Steel Clevis Hanger (Cooper B-Line B3100).....	24.94	10.86
<i>For Work In Restricted Working Space, Add</i>	6.58	
23 05 29 00-0010 EA 2-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	27.45	11.25
<i>For Work In Restricted Working Space, Add</i>	6.77	
23 05 29 00-0011 EA 3" Steel Clevis Hanger (Cooper B-Line B3100).....	29.36	11.84
<i>For Work In Restricted Working Space, Add</i>	6.97	
23 05 29 00-0012 EA 3-1/2" Steel Clevis Hanger (Cooper B-Line B3100).....	30.66	13.01
<i>For Work In Restricted Working Space, Add</i>	7.43	
23 05 29 00-0013 EA 4" Steel Clevis Hanger (Cooper B-Line B3100).....	33.71	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0014 EA 5" Steel Clevis Hanger (Cooper B-Line B3100).....	43.29	16.53
<i>For Work In Restricted Working Space, Add</i>	9.92	
23 05 29 00-0015 EA 6" Steel Clevis Hanger (Cooper B-Line B3100).....	52.11	19.74
<i>For Work In Restricted Working Space, Add</i>	11.84	
23 05 29 00-0016 EA 8" Steel Clevis Hanger (Cooper B-Line B3100).....	70.27	24.68
<i>For Work In Restricted Working Space, Add</i>	14.81	
23 05 29 00-0017 EA 10" Steel Clevis Hanger (Cooper B-Line B3100).....	103.09	33.56
<i>For Work In Restricted Working Space, Add</i>	19.74	
23 05 29 00-0018 EA 12" Steel Clevis Hanger (Cooper B-Line B3100).....	121.00	37.01
<i>For Work In Restricted Working Space, Add</i>	22.21	
23 05 29 00-0019 EA 14" Steel Clevis Hanger (Cooper B-Line B3100).....	151.05	41.46
<i>For Work In Restricted Working Space, Add</i>	25.46	
23 05 29 00-0020 EA 16" Steel Clevis Hanger (Cooper B-Line B3100).....	188.52	49.35
<i>For Work In Restricted Working Space, Add</i>	29.61	
23 05 29 00-0021 EA 18" Steel Clevis Hanger (Cooper B-Line B3100).....	234.94	61.69
<i>For Work In Restricted Working Space, Add</i>	37.01	
23 05 29 00-0022 EA 20" Steel Clevis Hanger (Cooper B-Line B3100).....	382.48	74.03
<i>For Work In Restricted Working Space, Add</i>	44.42	
23 05 29 00-0023 EA 24" Steel Clevis Hanger (Cooper B-Line B3100).....	586.82	86.36
<i>For Work In Restricted Working Space, Add</i>	51.82	
23 05 29 00-0024 Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C) (23 05 29 00-0002)		
23 05 29 00-0025 EA 1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	24.73	8.88
<i>For Work In Restricted Working Space, Add</i>	5.33	
23 05 29 00-0026 EA 3/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	26.70	9.87
<i>For Work In Restricted Working Space, Add</i>	5.92	
23 05 29 00-0027 EA 1" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	27.91	9.87
<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0028 EA 1-1/4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	28.90	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0029 EA 1-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	29.54	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0030 EA 2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	30.29	10.86
<i>For Work In Restricted Working Space, Add</i>	6.58	
23 05 29 00-0031 EA 2-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	33.98	11.25
<i>For Work In Restricted Working Space, Add</i>	6.77	
23 05 29 00-0032 EA 3" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	35.67	11.84
<i>For Work In Restricted Working Space, Add</i>	6.97	
23 05 29 00-0033 EA 3-1/2" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	39.99	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0034 EA 4" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	44.26	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0035 EA 5" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	73.03	16.53
<i>For Work In Restricted Working Space, Add</i>	9.92	
23 05 29 00-0036 EA 6" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	90.58	19.74
<i>For Work In Restricted Working Space, Add</i>	11.84	
23 05 29 00-0037 EA 8" Steel Clevis Hanger, Plastic Coated (Cooper B-Line B3100C).....	107.77	24.68
<i>For Work In Restricted Working Space, Add</i>	14.81	
23 05 29 00-0038 Steel Clevis Hanger, Light Duty (Cooper B-Line B3104) (23 05 29 00-0002)		
23 05 29 00-0039 EA 1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	19.49	8.88
<i>For Work In Restricted Working Space, Add</i>	5.33	
23 05 29 00-0040 EA 3/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	21.50	9.87
<i>For Work In Restricted Working Space, Add</i>	5.92	
23 05 29 00-0041 EA 1" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	22.71	9.87
<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0042 EA 1-1/4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	23.34	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0043 EA 1-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	23.48	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0044 EA 2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	24.15	10.86
<i>For Work In Restricted Working Space, Add</i>	6.58	
23 05 29 00-0045 EA 2-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	26.41	11.25
<i>For Work In Restricted Working Space, Add</i>	6.77	
23 05 29 00-0046 EA 3" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	27.60	11.84
<i>For Work In Restricted Working Space, Add</i>	6.97	
23 05 29 00-0047 EA 3-1/2" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	31.10	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0048 EA 4" Steel Clevis Hanger, Light Duty (Cooper B-Line B3104).....	32.10	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0049 Extended Steel Clevis Hanger (Cooper B-Line B3108) (23 05 29 00-0002)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0050 EA 3/4" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	27.82	9.87
<i>For Work In Restricted Working Space, Add</i>	5.92	
23 05 29 00-0051 EA 1" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	28.92	9.87
<i>For Work In Restricted Working Space, Add</i>	6.23	
23 05 29 00-0052 EA 1-1/4" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	29.51	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0053 EA 1-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	30.51	10.67
<i>For Work In Restricted Working Space, Add</i>	6.41	
23 05 29 00-0054 EA 2" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	32.77	10.86
<i>For Work In Restricted Working Space, Add</i>	6.58	
23 05 29 00-0055 EA 2-1/2" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	35.17	11.25
<i>For Work In Restricted Working Space, Add</i>	6.77	
23 05 29 00-0056 EA 3" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	36.93	11.84
<i>For Work In Restricted Working Space, Add</i>	6.97	
23 05 29 00-0057 EA 4" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	44.40	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0058 EA 5" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	56.03	16.53
<i>For Work In Restricted Working Space, Add</i>	9.92	
23 05 29 00-0059 EA 6" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	69.19	19.74
<i>For Work In Restricted Working Space, Add</i>	11.84	
23 05 29 00-0060 EA 8" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	98.29	24.68
<i>For Work In Restricted Working Space, Add</i>	14.81	
23 05 29 00-0061 EA 10" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	138.18	33.56
<i>For Work In Restricted Working Space, Add</i>	19.74	
23 05 29 00-0062 EA 12" Steel Extended Clevis Hanger (Cooper B-Line B3108).....	155.20	37.01
<i>For Work In Restricted Working Space, Add</i>	22.21	
23 05 29 00-0063 Steel Clevis Hanger, Flat Top (Cooper B-Line B3109) (23 05 29 00-0002)		
23 05 29 00-0064 EA 2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	33.95	10.86
<i>For Work In Restricted Working Space, Add</i>	6.58	
23 05 29 00-0065 EA 2-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	36.28	11.25
<i>For Work In Restricted Working Space, Add</i>	6.77	
23 05 29 00-0066 EA 3" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	38.19	11.84
<i>For Work In Restricted Working Space, Add</i>	6.97	
23 05 29 00-0067 EA 3-1/2" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	42.25	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0068 EA 4" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	44.76	13.82
<i>For Work In Restricted Working Space, Add</i>	7.90	
23 05 29 00-0069 EA 5" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	55.56	16.53
<i>For Work In Restricted Working Space, Add</i>	9.92	
23 05 29 00-0070 EA 6" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	64.81	19.74
<i>For Work In Restricted Working Space, Add</i>	11.84	
23 05 29 00-0071 EA 8" Steel Clevis Hanger, Flat Top (Cooper B-Line B3109).....	86.17	24.68
<i>For Work In Restricted Working Space, Add</i>	14.81	
23 05 29 00-0072 Adjustable Hangers (23 05 29 00-0001)		
23 05 29 00-0073 Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690) (23 05 29 00-0072)		
Note: Type 5.		
23 05 29 00-0074 EA 1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	17.99	7.78
<i>For Work In Restricted Working Space, Add</i>	4.67	
23 05 29 00-0075 EA 3/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	19.70	8.63
<i>For Work In Restricted Working Space, Add</i>	5.18	
23 05 29 00-0076 EA 1" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	21.60	9.59
<i>For Work In Restricted Working Space, Add</i>	5.75	
23 05 29 00-0077 EA 1-1/4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	23.82	10.66
<i>For Work In Restricted Working Space, Add</i>	6.39	
23 05 29 00-0078 EA 1-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	25.04	11.19
<i>For Work In Restricted Working Space, Add</i>	6.71	
23 05 29 00-0079 EA 2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	26.85	11.73
<i>For Work In Restricted Working Space, Add</i>	7.03	
23 05 29 00-0080 EA 2-1/2" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	31.04	12.26
<i>For Work In Restricted Working Space, Add</i>	7.35	
23 05 29 00-0081 EA 3" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	32.43	12.79
<i>For Work In Restricted Working Space, Add</i>	7.67	
23 05 29 00-0082 EA 4" Steel J-Hanger Hanger With Bolt (Cooper B-Line B3690).....	38.75	14.39
<i>For Work In Restricted Working Space, Add</i>	8.63	
23 05 29 00-0083 Adjustable Swivel Steel Ring (Cooper B-Line B3170) (23 05 29 00-0072)		
Note: Type 10.		
23 05 29 00-0084 EA 1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	20.86	9.87
<i>For Work In Restricted Working Space, Add</i>	5.92	
<i>For 304 Stainless Steel, Add</i>	7.39	
<i>For 316 Stainless Steel, Add</i>	9.52	
23 05 29 00-0085 EA 3/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	21.99	9.87
<i>For Work In Restricted Working Space, Add</i>	6.23	
<i>For 304 Stainless Steel, Add</i>	8.05	
<i>For 316 Stainless Steel, Add</i>	10.37	
23 05 29 00-0086 EA 1" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	23.15	10.86
<i>For Work In Restricted Working Space, Add</i>	6.58	
<i>For 304 Stainless Steel, Add</i>	8.05	
<i>For 316 Stainless Steel, Add</i>	10.37	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0087 EA 1-1/4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	24.58	11.84
For Work In Restricted Working Space, Add	6.97	
For 304 Stainless Steel, Add	8.98	
For 316 Stainless Steel, Add	11.56	
23 05 29 00-0088 EA 1-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	27.68	13.82
For Work In Restricted Working Space, Add	7.90	
For 304 Stainless Steel, Add	8.98	
For 316 Stainless Steel, Add	11.56	
23 05 29 00-0089 EA 2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	29.64	13.82
For Work In Restricted Working Space, Add	8.46	
For 304 Stainless Steel, Add	9.50	
For 316 Stainless Steel, Add	12.24	
23 05 29 00-0090 EA 2-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	32.71	14.81
For Work In Restricted Working Space, Add	9.11	
For 304 Stainless Steel, Add	15.44	
For 316 Stainless Steel, Add	19.89	
23 05 29 00-0091 EA 3" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	35.34	16.78
For Work In Restricted Working Space, Add	9.87	
For 304 Stainless Steel, Add	16.10	
For 316 Stainless Steel, Add	20.74	
23 05 29 00-0092 EA 3-1/2" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	39.29	18.01
For Work In Restricted Working Space, Add	10.81	
For 304 Stainless Steel, Add	21.58	
For 316 Stainless Steel, Add	27.80	
23 05 29 00-0093 EA 4" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	42.75	19.74
For Work In Restricted Working Space, Add	11.84	
For 304 Stainless Steel, Add	21.58	
For 316 Stainless Steel, Add	27.80	
23 05 29 00-0094 EA 5" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	51.19	22.21
For Work In Restricted Working Space, Add	13.32	
For 304 Stainless Steel, Add	44.75	
For 316 Stainless Steel, Add	57.63	
23 05 29 00-0095 EA 6" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	56.24	24.68
For Work In Restricted Working Space, Add	14.81	
For 304 Stainless Steel, Add	45.47	
For 316 Stainless Steel, Add	58.57	
23 05 29 00-0096 EA 8" Adjustable Swivel Steel Ring (Cooper B-Line B3170).....	67.40	29.61
For Work In Restricted Working Space, Add	17.77	
For 304 Stainless Steel, Add	53.99	
For 316 Stainless Steel, Add	69.53	
23 05 29 00-0097 Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT) (23 05 29 00-0072)		
23 05 29 00-0098 EA 1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	23.31	9.87
For Work In Restricted Working Space, Add	5.92	
For 304 Stainless Steel, Add	23.56	
For 316 Stainless Steel, Add	30.35	
23 05 29 00-0099 EA 3/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	24.34	9.87
For Work In Restricted Working Space, Add	6.23	
For 304 Stainless Steel, Add	23.56	
For 316 Stainless Steel, Add	30.35	
23 05 29 00-0100 EA 1" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	25.50	10.86
For Work In Restricted Working Space, Add	6.58	
For 304 Stainless Steel, Add	23.56	
For 316 Stainless Steel, Add	30.35	
23 05 29 00-0101 EA 1-1/4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	26.79	11.84
For Work In Restricted Working Space, Add	6.97	
For 304 Stainless Steel, Add	23.56	
For 316 Stainless Steel, Add	30.35	
23 05 29 00-0102 EA 1-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	30.19	13.82
For Work In Restricted Working Space, Add	7.90	
For 304 Stainless Steel, Add	25.54	
For 316 Stainless Steel, Add	32.90	
23 05 29 00-0103 EA 2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	32.07	13.82
For Work In Restricted Working Space, Add	8.46	
For 304 Stainless Steel, Add	25.54	
For 316 Stainless Steel, Add	32.90	
23 05 29 00-0104 EA 2-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	40.53	14.81
For Work In Restricted Working Space, Add	9.11	
For 304 Stainless Steel, Add	67.06	
For 316 Stainless Steel, Add	86.36	
23 05 29 00-0105 EA 3" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	45.49	16.78
For Work In Restricted Working Space, Add	9.87	
For 304 Stainless Steel, Add	83.09	
For 316 Stainless Steel, Add	107.02	
23 05 29 00-0106 EA 3-1/2" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	49.60	18.01
For Work In Restricted Working Space, Add	10.81	
For 304 Stainless Steel, Add	89.63	
For 316 Stainless Steel, Add	115.43	
23 05 29 00-0107 EA 4" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	56.01	19.74
For Work In Restricted Working Space, Add	11.84	
For 304 Stainless Steel, Add	109.10	
For 316 Stainless Steel, Add	140.51	
23 05 29 00-0108 EA 5" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	61.17	22.21
For Work In Restricted Working Space, Add	13.32	
For 304 Stainless Steel, Add	110.62	
For 316 Stainless Steel, Add	142.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0109 EA 6" Copper Tubing Adjustable Swivel Ring (Cooper B-Line B3170CT).....	73.62	24.68
<i>For Work In Restricted Working Space, Add</i>	14.81	
<i>For 304 Stainless Steel, Add</i>	160.18	
<i>For 316 Stainless Steel, Add</i>	206.30	
23 05 29 00-0110 Roller Hangers (23 05 29 00-0001)		
23 05 29 00-0111 Single Pipe Roll (Cooper B-Line B3114) (23 05 29 00-0110)		
Note: Excludes rod and nuts. Type 41.		
23 05 29 00-0112 EA 2" Single Pipe Roll (Cooper B-Line B3114)	31.63	7.90
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	4.74	
23 05 29 00-0113 EA 2-1/2" Single Pipe Roll (Cooper B-Line B3114)	34.79	8.89
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	5.33	
23 05 29 00-0114 EA 3" Single Pipe Roll (Cooper B-Line B3114)	38.68	10.37
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	6.22	
23 05 29 00-0115 EA 3-1/2" Single Pipe Roll (Cooper B-Line B3114)	44.51	11.85
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	7.11	
23 05 29 00-0116 EA 4" Single Pipe Roll (Cooper B-Line B3114)	61.73	13.33
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	8.00	
23 05 29 00-0117 EA 5" Single Pipe Roll (Cooper B-Line B3114)	54.89	14.82
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	8.89	
23 05 29 00-0118 EA 6" Single Pipe Roll (Cooper B-Line B3114)	68.35	17.78
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	10.67	
23 05 29 00-0119 EA 8" Single Pipe Roll (Cooper B-Line B3114)	92.36	20.74
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	12.44	
23 05 29 00-0120 EA 10" Single Pipe Roll (Cooper B-Line B3114)	109.49	24.69
Note: Excludes rod and nuts.		
<i>For Work In Restricted Working Space, Add</i>	14.81	
23 05 29 00-0121 Adjustable Clevis Roller Hanger (Cooper B-Line B3110) (23 05 29 00-0110)		
Note: Type 43.		
23 05 29 00-0122 EA 2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	47.00	13.94
<i>For Work In Restricted Working Space, Add</i>	8.04	
<i>For 304 Stainless Steel, Add</i>	133.32	
<i>For 316 Stainless Steel, Add</i>	171.70	
23 05 29 00-0123 EA 2-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	48.93	14.36
<i>For Work In Restricted Working Space, Add</i>	8.62	
<i>For 304 Stainless Steel, Add</i>	133.32	
<i>For 316 Stainless Steel, Add</i>	171.70	
23 05 29 00-0124 EA 3" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	53.16	15.01
<i>For Work In Restricted Working Space, Add</i>	9.19	
<i>For 304 Stainless Steel, Add</i>	148.70	
<i>For 316 Stainless Steel, Add</i>	191.51	
23 05 29 00-0125 EA 3-1/2" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	62.16	16.09
<i>For Work In Restricted Working Space, Add</i>	9.65	
<i>For 304 Stainless Steel, Add</i>	198.00	
<i>For 316 Stainless Steel, Add</i>	255.00	
23 05 29 00-0126 EA 4" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	65.74	18.22
<i>For Work In Restricted Working Space, Add</i>	10.72	
<i>For 304 Stainless Steel, Add</i>	198.00	
<i>For 316 Stainless Steel, Add</i>	255.00	
23 05 29 00-0127 EA 5" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	74.26	19.62
<i>For Work In Restricted Working Space, Add</i>	11.77	
<i>For 304 Stainless Steel, Add</i>	231.13	
<i>For 316 Stainless Steel, Add</i>	297.67	
23 05 29 00-0128 EA 6" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	86.38	21.45
<i>For Work In Restricted Working Space, Add</i>	12.87	
<i>For 304 Stainless Steel, Add</i>	287.03	
<i>For 316 Stainless Steel, Add</i>	369.67	
23 05 29 00-0129 EA 8" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	118.70	26.80
<i>For Work In Restricted Working Space, Add</i>	16.08	
<i>For 304 Stainless Steel, Add</i>	429.59	
<i>For 316 Stainless Steel, Add</i>	553.27	
23 05 29 00-0130 EA 10" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	149.03	36.46
<i>For Work In Restricted Working Space, Add</i>	21.44	
<i>For 304 Stainless Steel, Add</i>	511.83	
<i>For 316 Stainless Steel, Add</i>	659.18	
23 05 29 00-0131 EA 12" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	194.41	40.20
<i>For Work In Restricted Working Space, Add</i>	24.12	
<i>For 304 Stainless Steel, Add</i>	752.40	
<i>For 316 Stainless Steel, Add</i>	969.00	
23 05 29 00-0132 EA 14" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	408.12	46.10
<i>For Work In Restricted Working Space, Add</i>	27.66	
<i>For 304 Stainless Steel, Add</i>	2,085.01	
<i>For 316 Stainless Steel, Add</i>	2,685.24	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0133	EA		16" Steel Clevis Roller Hanger (Cooper B-Line B3110).....	512.74	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
			<i>For 304 Stainless Steel, Add</i>	2,676.43	
			<i>For 316 Stainless Steel, Add</i>	3,446.92	
23 05 29 00-0134			Roller Chair (Cooper B-Line B3120) <small>(23 05 29 00-0110)</small>		
23 05 29 00-0135	EA		2" Steel Roller Chair (Cooper B-Line B3120).....	45.67	13.94
			<i>For Work In Restricted Working Space, Add</i>	8.04	
23 05 29 00-0136	EA		2-1/2" Steel Roller Chair (Cooper B-Line B3120).....	49.22	14.36
			<i>For Work In Restricted Working Space, Add</i>	8.62	
23 05 29 00-0137	EA		3" Steel Roller Chair (Cooper B-Line B3120).....	51.59	15.01
			<i>For Work In Restricted Working Space, Add</i>	9.19	
23 05 29 00-0138	EA		3-1/2" Steel Roller Chair (Cooper B-Line B3120).....	58.86	16.09
			<i>For Work In Restricted Working Space, Add</i>	9.65	
23 05 29 00-0139	EA		4" Steel Roller Chair (Cooper B-Line B3120).....	65.59	18.22
			<i>For Work In Restricted Working Space, Add</i>	10.72	
23 05 29 00-0140	EA		5" Steel Roller Chair (Cooper B-Line B3120).....	71.68	19.62
			<i>For Work In Restricted Working Space, Add</i>	11.77	
23 05 29 00-0141	EA		6" Steel Roller Chair (Cooper B-Line B3120).....	88.07	21.45
			<i>For Work In Restricted Working Space, Add</i>	12.87	
23 05 29 00-0142	EA		8" Steel Roller Chair (Cooper B-Line B3120).....	114.68	26.80
			<i>For Work In Restricted Working Space, Add</i>	16.08	
23 05 29 00-0143	EA		10" Steel Roller Chair (Cooper B-Line B3120).....	148.09	36.46
			<i>For Work In Restricted Working Space, Add</i>	21.44	
23 05 29 00-0144	EA		12" Steel Roller Chair (Cooper B-Line B3120).....	191.97	40.20
			<i>For Work In Restricted Working Space, Add</i>	24.12	
23 05 29 00-0145	EA		14" Steel Roller Chair (Cooper B-Line B3120).....	209.23	46.10
			<i>For Work In Restricted Working Space, Add</i>	27.66	
23 05 29 00-0146	EA		16" Steel Roller Chair (Cooper B-Line B3120).....	252.47	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
23 05 29 00-0147	EA		18" Steel Roller Chair (Cooper B-Line B3120).....	340.85	67.01
			<i>For Work In Restricted Working Space, Add</i>	40.21	
23 05 29 00-0148	EA		20" Steel Roller Chair (Cooper B-Line B3120).....	422.02	80.41
			<i>For Work In Restricted Working Space, Add</i>	48.25	
23 05 29 00-0149			Adjustable Roller Support (Cooper B-Line B3122) <small>(23 05 29 00-0110)</small>		
23 05 29 00-0150	EA		2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	51.88	13.94
			<i>For Work In Restricted Working Space, Add</i>	8.04	
23 05 29 00-0151	EA		2-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	58.41	14.36
			<i>For Work In Restricted Working Space, Add</i>	8.62	
23 05 29 00-0152	EA		3" Steel Adjustable Roller Support (Cooper B-Line B3122).....	61.38	15.01
			<i>For Work In Restricted Working Space, Add</i>	9.19	
23 05 29 00-0153	EA		3-1/2" Steel Adjustable Roller Support (Cooper B-Line B3122).....	64.85	16.09
			<i>For Work In Restricted Working Space, Add</i>	9.65	
23 05 29 00-0154	EA		4" Steel Adjustable Roller Support (Cooper B-Line B3122).....	78.15	18.22
			<i>For Work In Restricted Working Space, Add</i>	10.72	
23 05 29 00-0155	EA		5" Steel Adjustable Roller Support (Cooper B-Line B3122).....	88.69	19.62
			<i>For Work In Restricted Working Space, Add</i>	11.77	
23 05 29 00-0156	EA		6" Steel Adjustable Roller Support (Cooper B-Line B3122).....	103.43	21.45
			<i>For Work In Restricted Working Space, Add</i>	12.87	
23 05 29 00-0157	EA		8" Steel Adjustable Roller Support (Cooper B-Line B3122).....	146.30	26.80
			<i>For Work In Restricted Working Space, Add</i>	16.08	
23 05 29 00-0158	EA		10" Steel Adjustable Roller Support (Cooper B-Line B3122).....	182.18	36.46
			<i>For Work In Restricted Working Space, Add</i>	21.44	
23 05 29 00-0159	EA		12" Steel Adjustable Roller Support (Cooper B-Line B3122).....	210.85	40.20
			<i>For Work In Restricted Working Space, Add</i>	24.12	
23 05 29 00-0160	EA		14" Steel Adjustable Roller Support (Cooper B-Line B3122).....	299.58	46.10
			<i>For Work In Restricted Working Space, Add</i>	27.66	
23 05 29 00-0161	EA		16" Steel Adjustable Roller Support (Cooper B-Line B3122).....	359.33	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
23 05 29 00-0162	EA		18" Steel Adjustable Roller Support (Cooper B-Line B3122).....	407.34	67.01
			<i>For Work In Restricted Working Space, Add</i>	40.21	
23 05 29 00-0163			Adjustable Double Roller Support (Cooper B-Line B3122A) <small>(23 05 29 00-0110)</small>		
23 05 29 00-0164	EA		2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	52.24	13.94
			<i>For Work In Restricted Working Space, Add</i>	8.04	
23 05 29 00-0165	EA		2-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	58.73	14.36
			<i>For Work In Restricted Working Space, Add</i>	8.62	
23 05 29 00-0166	EA		3" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	61.92	15.01
			<i>For Work In Restricted Working Space, Add</i>	9.19	
23 05 29 00-0167	EA		3-1/2" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	64.38	16.09
			<i>For Work In Restricted Working Space, Add</i>	9.65	
23 05 29 00-0168	EA		4" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	81.78	18.22
			<i>For Work In Restricted Working Space, Add</i>	10.72	
23 05 29 00-0169	EA		5" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	92.96	19.62
			<i>For Work In Restricted Working Space, Add</i>	11.77	
23 05 29 00-0170	EA		6" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	108.52	21.45
			<i>For Work In Restricted Working Space, Add</i>	12.87	
23 05 29 00-0171	EA		8" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	154.19	26.80
			<i>For Work In Restricted Working Space, Add</i>	16.08	
23 05 29 00-0172	EA		10" Steel Adjustable Double Roller Support (Cooper B-Line B3122A).....	191.65	36.46
			<i>For Work In Restricted Working Space, Add</i>	21.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0173 EA 12" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	221.93 24.12	40.20
23 05 29 00-0174 EA 14" Steel Adjustable Double Roller Support (Cooper B-Line B3122A) <i>For Work In Restricted Working Space, Add</i>	317.31 27.66	46.10
23 05 29 00-0175 Pipe And Riser Clamps (23 05 29 00-0001) Note: Includes bolts and weldless eye nuts.		
23 05 29 00-0176 Steel Pipe Clamp (Cooper B-Line B3140) (23 05 29 00-0175) Note: Type 4.		
23 05 29 00-0177 EA 1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	17.49 3.84	6.39
23 05 29 00-0178 EA 3/4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	17.70 3.90	6.50
23 05 29 00-0179 EA 1" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	17.95 3.96	6.61
23 05 29 00-0180 EA 1-1/4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	19.59 4.03	6.71
23 05 29 00-0181 EA 1-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	19.80 4.09	6.82
23 05 29 00-0182 EA 2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	21.11 4.16	6.92
23 05 29 00-0183 EA 2-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	21.96 4.28	7.14
23 05 29 00-0184 EA 3" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	23.29 4.41	7.35
23 05 29 00-0185 EA 3-1/2" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	27.05 4.48	7.46
23 05 29 00-0186 EA 4" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	31.31 5.75	9.59
23 05 29 00-0187 EA 5" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	44.95 7.67	12.79
23 05 29 00-0188 EA 6" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	61.68 9.59	15.99
23 05 29 00-0189 EA 8" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	72.61 11.19	18.65
23 05 29 00-0190 EA 10" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	106.28 12.79	21.31
23 05 29 00-0191 EA 12" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	145.34 14.06	23.44
23 05 29 00-0192 EA 14" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	235.95 15.35	25.57
23 05 29 00-0193 EA 16" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	255.75 16.62	27.70
23 05 29 00-0194 EA 18" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	416.56 17.90	29.83
23 05 29 00-0195 EA 20" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	481.89 19.18	31.97
23 05 29 00-0196 EA 24" Steel Pipe Clamp (Cooper B-Line B3140) <i>For Work In Restricted Working Space, Add</i>	628.52 21.10	35.17
23 05 29 00-0197 Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) (23 05 29 00-0175)		
23 05 29 00-0198 EA 3" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	36.28 4.11	6.90
23 05 29 00-0199 EA 4" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	47.87 4.11	6.90
23 05 29 00-0200 EA 5" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	52.59 4.29	7.15
23 05 29 00-0201 EA 6" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	84.37 4.47	7.40
23 05 29 00-0202 EA 8" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	91.81 4.73	7.89
23 05 29 00-0203 EA 10" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	157.76 4.72	7.89
23 05 29 00-0204 EA 12" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	255.69 5.33	8.88
23 05 29 00-0205 EA 14" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	324.53 5.92	9.87
23 05 29 00-0206 EA 16" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	352.78 7.11	11.84
23 05 29 00-0207 EA 18" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	1,099.14 8.29	13.82
23 05 29 00-0208 EA 20" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	1,263.51 8.88	14.81
23 05 29 00-0209 EA 24" Two Bolt Steel Heavy Duty Pipe Clamp (Cooper B-Line B3142) <i>For Work In Restricted Working Space, Add</i>	1,618.72 9.47	15.79
23 05 29 00-0210 Steel Riser Clamp (Cooper B-Line B3373) (23 05 29 00-0175) Note: Type 8.		
23 05 29 00-0211 EA 1/2" Steel Riser Clamp (Cooper B-Line B3373) <i>For Work In Restricted Working Space, Add</i>	17.72 3.55	5.93
23 05 29 00-0212 EA 3/4" Steel Riser Clamp (Cooper B-Line B3373) <i>For Work In Restricted Working Space, Add</i>	18.48 3.62	6.02

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0213	EA	1" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	18.74 3.67	6.12
23 05 29 00-0214	EA	1-1/4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	20.30 3.73	6.22
23 05 29 00-0215	EA	1-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	21.10 3.79	6.32
23 05 29 00-0216	EA	2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	21.62 3.85	6.41
23 05 29 00-0217	EA	2-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	22.55 3.97	6.61
23 05 29 00-0218	EA	3" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	23.92 4.09	6.81
23 05 29 00-0219	EA	3-1/2" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	26.35 4.15	6.90
23 05 29 00-0220	EA	4" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	31.95 5.33	8.88
23 05 29 00-0221	EA	5" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	41.27 7.11	11.84
23 05 29 00-0222	EA	6" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	52.36 8.88	14.81
23 05 29 00-0223	EA	8" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	71.79 10.36	17.28
23 05 29 00-0224	EA	10" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	94.60 11.84	19.74
23 05 29 00-0225	EA	12" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	114.61 13.03	21.71
23 05 29 00-0226	EA	14" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	154.48 14.21	23.69
23 05 29 00-0227	EA	16" Steel Riser Clamp (Cooper B-Line B3373)..... <i>For Work In Restricted Working Space, Add</i>	295.84 15.40	25.66
23 05 29 00-0228		Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C) <small>(23 05 29 00-0175)</small>		
23 05 29 00-0229	EA	1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	31.72 3.55	5.93
23 05 29 00-0230	EA	3/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	32.22 3.62	6.02
23 05 29 00-0231	EA	1" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	33.55 3.67	6.12
23 05 29 00-0232	EA	1-1/4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	35.91 3.73	6.22
23 05 29 00-0233	EA	1-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	40.62 3.79	6.32
23 05 29 00-0234	EA	2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	43.19 3.85	6.41
23 05 29 00-0235	EA	2-1/2" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	46.77 3.97	6.61
23 05 29 00-0236	EA	3" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	51.44 4.09	6.81
23 05 29 00-0237	EA	4" Steel Riser Clamp, Plastic Coated (Cooper B-Line B3373C)..... <i>For Work In Restricted Working Space, Add</i>	69.70 5.33	8.88
23 05 29 00-0238		Two Bolt Steel Underground Clamp (Cooper B-Line B3132) <small>(23 05 29 00-0175)</small>		
		Note: Type 42		
23 05 29 00-0239	EA	4" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	72.06 4.11	6.90
23 05 29 00-0240	EA	6" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	76.48 4.47	7.40
23 05 29 00-0241	EA	8" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	84.00 4.73	7.89
23 05 29 00-0242	EA	10" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	89.73 4.72	7.89
23 05 29 00-0243	EA	12" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	108.63 5.33	8.88
23 05 29 00-0244	EA	14" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	339.23 5.92	9.87
23 05 29 00-0245	EA	16" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	454.61 7.11	11.84
23 05 29 00-0246	EA	18" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	541.74 8.29	13.82
23 05 29 00-0247	EA	20" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	789.72 8.88	14.81
23 05 29 00-0248	EA	24" Two Bolt Steel Underground Clamp (Cooper B-Line B3132)..... <i>For Work In Restricted Working Space, Add</i>	1,088.95 9.47	15.79
23 05 29 00-0249		Four Bolt Steel Underground Clamp (Cooper B-Line B3134) <small>(23 05 29 00-0175)</small>		
23 05 29 00-0250	EA	4" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	66.46 4.11	6.90
23 05 29 00-0251	EA	6" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	71.67 4.47	7.40
23 05 29 00-0252	EA	8" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	125.79 4.73	7.89

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0253 EA 10" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	139.97 4.72	7.89
23 05 29 00-0254 EA 12" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	201.26 5.33	8.88
23 05 29 00-0255 EA 14" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	309.00 5.92	9.87
23 05 29 00-0256 EA 16" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	414.64 7.11	11.84
23 05 29 00-0257 EA 18" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	493.54 8.29	13.82
23 05 29 00-0258 EA 20" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	722.04 8.88	14.81
23 05 29 00-0259 EA 24" Four Bolt Steel Underground Clamp (Cooper B-Line B3134)..... <i>For Work In Restricted Working Space, Add</i>	988.76 9.47	15.79
23 05 29 00-0260 Split Pipe Clamps And Rings <small>(23 05 29 00-0001)</small>		
23 05 29 00-0261 Adjustable Split Ring Swivel Hanger (Cooper B-Line B3171) <small>(23 05 29 00-0260)</small> Note: Type 6.		
23 05 29 00-0262 EA 3/4" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	29.43 5.44	9.05
23 05 29 00-0263 EA 1" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	31.16 5.75	9.59
23 05 29 00-0264 EA 1-1/4" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	33.87 6.39	10.66
23 05 29 00-0265 EA 1-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	36.52 6.71	11.19
23 05 29 00-0266 EA 2" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	39.48 7.03	11.73
23 05 29 00-0267 EA 2-1/2" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	48.95 7.35	12.26
23 05 29 00-0268 EA 3" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	53.77 7.67	12.79
23 05 29 00-0269 EA 4" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	71.80 8.63	14.39
23 05 29 00-0270 EA 5" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	91.31 10.87	18.12
23 05 29 00-0271 EA 6" Adjustable Swivel Ring (Cooper B-Line B3171) <i>For Work In Restricted Working Space, Add</i>	122.35 12.79	21.31
23 05 29 00-0272 Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) <small>(23 05 29 00-0260)</small> Note: Type 11.		
23 05 29 00-0273 EA 1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	18.97 4.59	7.51
23 05 29 00-0274 EA 3/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	20.02 4.80	7.51
23 05 29 00-0275 EA 1" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	22.02 5.36	9.64
23 05 29 00-0276 EA 1-1/4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) <i>For Work In Restricted Working Space, Add</i>	23.97 5.64	9.64
23 05 29 00-0277 EA 1-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) <i>For Work In Restricted Working Space, Add</i>	26.84 5.84	9.64
23 05 29 00-0278 EA 2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	31.45 6.43	10.72
23 05 29 00-0279 EA 2-1/2" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R) <i>For Work In Restricted Working Space, Add</i>	42.31 6.70	10.72
23 05 29 00-0280 EA 3" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	47.13 6.99	11.79
23 05 29 00-0281 EA 4" Extension Split Pipe Clamp, Malleable Iron (Cooper B-Line B3198R)..... <i>For Work In Restricted Working Space, Add</i>	50.14 7.66	12.87
23 05 29 00-0282 Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H) <small>(23 05 29 00-0260)</small> Note: Type 12.		
23 05 29 00-0283 EA 1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	18.97 4.59	7.51
23 05 29 00-0284 EA 3/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	20.02 4.80	8.04
23 05 29 00-0285 EA 1" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	22.02 5.36	9.11
23 05 29 00-0286 EA 1-1/4" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	23.97 5.64	9.64
23 05 29 00-0287 EA 1-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	26.84 5.84	9.64
23 05 29 00-0288 EA 2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	31.45 6.43	10.72
23 05 29 00-0289 EA 2-1/2" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	42.31 6.70	11.25
23 05 29 00-0290 EA 3" Hinged Extension Split Pipe Clamp (Cooper B-Line B3198H)..... <i>For Work In Restricted Working Space, Add</i>	47.13 6.99	11.79
23 05 29 00-0291 Pipe Straps <small>(23 05 29 00-0001)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 05 29 00-0292		Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B-3180) ^(23 05 29 00-0291)			
23 05 29 00-0293	EA	1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	12.89		5.36
		<i>For Work In Restricted Working Space, Add</i>	3.22		
23 05 29 00-0294	EA	3/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	13.45		6.43
		<i>For Work In Restricted Working Space, Add</i>	3.38		
23 05 29 00-0295	EA	1" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.08		6.43
		<i>For Work In Restricted Working Space, Add</i>	3.57		
23 05 29 00-0296	EA	1-1/4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	14.88		6.43
		<i>For Work In Restricted Working Space, Add</i>	3.78		
23 05 29 00-0297	EA	1-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	15.74		7.51
		<i>For Work In Restricted Working Space, Add</i>	4.02		
23 05 29 00-0298	EA	2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	18.14		7.51
		<i>For Work In Restricted Working Space, Add</i>	4.29		
23 05 29 00-0299	EA	2-1/2" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	22.27		7.51
		<i>For Work In Restricted Working Space, Add</i>	4.59		
23 05 29 00-0300	EA	3" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	28.67		7.51
		<i>For Work In Restricted Working Space, Add</i>	4.95		
23 05 29 00-0301	EA	4" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	33.96		9.64
		<i>For Work In Restricted Working Space, Add</i>	5.79		
23 05 29 00-0302	EA	6" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	41.65		10.72
		<i>For Work In Restricted Working Space, Add</i>	6.43		
23 05 29 00-0303	EA	8" Standard Two Hole Pipe Strap, Galvanized Steel (Cooper B-Line B3180)	52.04		11.79
		<i>For Work In Restricted Working Space, Add</i>	7.07		
23 05 29 00-0304		Two Hole Copper-Clad Pipe Straps ^(23 05 29 00-0291)			
23 05 29 00-0305	EA	1/2" Two Hole Copper-Clad Pipe Strap	6.00		
		<i>For Work In Restricted Working Space, Add</i>	1.61		
23 05 29 00-0306	EA	3/4" Two Hole Copper-Clad Pipe Strap	6.37		
		<i>For Work In Restricted Working Space, Add</i>	1.69		
23 05 29 00-0307	EA	1" Two Hole Copper-Clad Pipe Strap	7.20		
		<i>For Work In Restricted Working Space, Add</i>	1.77		
23 05 29 00-0308	EA	1-1/4" Two Hole Copper-Clad Pipe Strap	8.07		
		<i>For Work In Restricted Working Space, Add</i>	1.85		
23 05 29 00-0309	EA	1-1/2" Two Hole Copper-Clad Pipe Strap	8.69		
		<i>For Work In Restricted Working Space, Add</i>	1.93		
23 05 29 00-0310	EA	2" Two Hole Copper-Clad Pipe Strap	9.43		
		<i>For Work In Restricted Working Space, Add</i>	2.09		
23 05 29 00-0311		One Hole Galvanized Steel Pipe Straps ^(23 05 29 00-0291)			
23 05 29 00-0312	EA	1/2" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	2.74		
		<i>For Work In Restricted Working Space, Add</i>	0.53		
23 05 29 00-0313	EA	3/4" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.28		
		<i>For Work In Restricted Working Space, Add</i>	0.57		
23 05 29 00-0314	EA	1" One Hole Galvanized Steel Pipe Strap (Anvil 185D)	3.53		
		<i>For Work In Restricted Working Space, Add</i>	0.62		
23 05 29 00-0315	EA	1-1/4" Galvanized Steel Strap, 1 Hole	3.79		
		<i>For Work In Restricted Working Space, Add</i>	0.67		
23 05 29 00-0316	EA	1-1/2" Galvanized Steel Strap, 1 Hole	4.07		
		<i>For Work In Restricted Working Space, Add</i>	0.73		
23 05 29 00-0317	EA	2" Galvanized Steel Strap, 1 Hole	4.54		
		<i>For Work In Restricted Working Space, Add</i>	0.80		
23 05 29 00-0318		Pipe and Equipment Support Brackets ^(23 05 29 00-0001)			
23 05 29 00-0319		Pipe and Equipment Supports, Light Duty Welded Steel Bracket (Cooper B-Line B3068) ^(23 05 29 00-0318)			
		Note: Up to 750# load.			
23 05 29 00-0320	EA	9" x 9" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	120.69		11.84
		<i>For Galvanized, Add</i>	19.40		
		<i>For Work In Restricted Working Space, Add</i>	7.11		
23 05 29 00-0321	EA	13" x 13" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	122.46		11.84
		<i>For Galvanized, Add</i>	19.75		
		<i>For Work In Restricted Working Space, Add</i>	7.11		
23 05 29 00-0322	EA	19" x 19" Light Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3068)	129.48		11.84
		<i>For Galvanized, Add</i>	21.16		
		<i>For Work In Restricted Working Space, Add</i>	7.11		
23 05 29 00-0323		Pipe and Equipment Supports, Medium Duty Welded Steel Bracket (Cooper B-Line B3066) ^(23 05 29 00-0318)			
		Note: Up to 1500# load.			
23 05 29 00-0324	EA	12" Wide x 18" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	292.08		11.84
		<i>For Galvanized, Add</i>	53.68		
		<i>For Work In Restricted Working Space, Add</i>	7.11		
23 05 29 00-0325	EA	18" Wide x 24" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	342.54		11.84
		<i>For Galvanized, Add</i>	63.77		
		<i>For Work In Restricted Working Space, Add</i>	7.11		
23 05 29 00-0326	EA	24" Wide x 30" Deep Medium Duty Welded Steel Bracket, Wall Mounted (Cooper B-Line B3066)	445.42		11.84
		<i>For Galvanized, Add</i>	84.35		
		<i>For Work In Restricted Working Space, Add</i>	7.11		

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 05 29 00-0327		Pipe Alignment Guide <small>(23 05 29 00-0001)</small>		
23 05 29 00-0328		Pipe Alignment Guide, 1" Insulation <small>(23 05 29 00-0327)</small>		
23 05 29 00-0329	EA	1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1/2).....	866.39	18.75
23 05 29 00-0330	EA	3/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3/4).....	867.37	19.24
23 05 29 00-0331	EA	1" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1).....	868.36	19.74
23 05 29 00-0332	EA	1-1/4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/4).....	869.35	20.23
23 05 29 00-0333	EA	1-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-1-1/2).....	951.08	20.72
23 05 29 00-0334	EA	2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2).....	967.58	22.70
23 05 29 00-0335	EA	2-1/2" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-2-1/2).....	969.06	23.45
23 05 29 00-0336	EA	3" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-3).....	970.54	24.18
23 05 29 00-0337	EA	4" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-4).....	1,027.07	25.66
23 05 29 00-0338	EA	5" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-5).....	1,192.92	32.57
23 05 29 00-0339	EA	6" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-6).....	1,206.72	39.48
23 05 29 00-0340	EA	8" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-8).....	1,351.26	49.35
23 05 29 00-0341	EA	10" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-10).....	2,556.65	59.22
23 05 29 00-0342	EA	12" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-12).....	3,911.29	78.95
23 05 29 00-0343	EA	14" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-14).....	4,810.28	98.70
23 05 29 00-0344	EA	16" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-16).....	5,802.80	110.54
23 05 29 00-0345	EA	18" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-18).....	6,251.27	123.38
23 05 29 00-0346	EA	20" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-20).....	6,625.43	141.14
23 05 29 00-0347	EA	24" Diameter Pipe Alignment Guide, 1" Insulation (Cooper B-Line B3281-24).....	8,401.94	148.05
23 05 29 00-0348		Pipe Alignment Guide, 1-1/2" Insulation <small>(23 05 29 00-0327)</small>		
23 05 29 00-0349	EA	1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1/2).....	867.37	19.24
23 05 29 00-0350	EA	3/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3/4).....	949.10	19.74
23 05 29 00-0351	EA	1" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1).....	950.09	20.23
23 05 29 00-0352	EA	1-1/4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/4).....	951.08	20.72
23 05 29 00-0353	EA	1-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-1-1/2).....	952.06	21.22
23 05 29 00-0354	EA	2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2).....	968.57	23.19
23 05 29 00-0355	EA	2-1/2" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-2-1/2).....	970.05	23.93
23 05 29 00-0356	EA	3" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-3).....	1,025.09	24.68
23 05 29 00-0357	EA	4" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-4).....	1,028.05	26.16
23 05 29 00-0358	EA	5" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-5).....	1,194.39	33.31
23 05 29 00-0359	EA	6" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-6).....	1,208.70	40.47
23 05 29 00-0360	EA	8" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-8).....	1,353.73	50.58
23 05 29 00-0361	EA	10" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-10).....	2,559.61	60.70
23 05 29 00-0362	EA	12" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-12).....	3,915.23	80.93
23 05 29 00-0363	EA	14" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-14).....	4,815.22	101.17
23 05 29 00-0364	EA	16" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-16).....	5,808.73	113.50
23 05 29 00-0365	EA	18" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-18).....	6,257.20	126.33
23 05 29 00-0366	EA	20" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-20).....	6,632.35	144.59
23 05 29 00-0367	EA	24" Diameter Pipe Alignment Guide, 1-1/2" Insulation (Cooper B-Line B3282-24).....	8,409.35	151.75
23 05 29 00-0368		Pipe Alignment Guide, 2" Insulation <small>(23 05 29 00-0327)</small>		
23 05 29 00-0369	EA	1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1/2).....	949.10	19.74
23 05 29 00-0370	EA	3/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3/4).....	962.65	20.23
23 05 29 00-0371	EA	1" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1).....	963.64	20.72
23 05 29 00-0372	EA	1-1/4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/4).....	964.62	21.22
23 05 29 00-0373	EA	1-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-1-1/2).....	965.60	21.71
23 05 29 00-0374	EA	2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2).....	1,023.11	23.69
23 05 29 00-0375	EA	2-1/2" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-2-1/2).....	1,025.09	24.68
23 05 29 00-0376	EA	3" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-3).....	1,026.32	25.29
23 05 29 00-0377	EA	4" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-4).....	1,181.07	26.65
23 05 29 00-0378	EA	5" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-5).....	1,195.87	34.05
23 05 29 00-0379	EA	6" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-6).....	1,335.47	41.46
23 05 29 00-0380	EA	8" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-8).....	1,494.41	51.82
23 05 29 00-0381	EA	10" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-10).....	2,562.57	62.18
23 05 29 00-0382	EA	12" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-12).....	3,919.18	82.91
23 05 29 00-0383	EA	14" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-14).....	4,820.16	103.63
23 05 29 00-0384	EA	16" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-16).....	5,814.42	116.35
23 05 29 00-0385	EA	18" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-18).....	6,263.61	129.54
23 05 29 00-0386	EA	20" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-20).....	6,639.25	148.05
23 05 29 00-0387	EA	24" Diameter Pipe Alignment Guide, 2" Insulation (Cooper B-Line B3283-24).....	8,416.75	155.45
23 05 29 00-0388		Pipe Alignment Guide, 2-1/2" Insulation <small>(23 05 29 00-0327)</small>		
23 05 29 00-0389	EA	1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1/2).....	962.65	20.23
23 05 29 00-0390	EA	3/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3/4).....	1,017.20	20.72
23 05 29 00-0391	EA	1" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1).....	1,018.18	21.22
23 05 29 00-0392	EA	1-1/4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/4).....	1,019.16	21.71
23 05 29 00-0393	EA	1-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-1-1/2).....	1,020.15	22.21
23 05 29 00-0394	EA	2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2).....	1,024.10	24.18
23 05 29 00-0395	EA	2-1/2" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-2-1/2).....	1,026.32	25.29
23 05 29 00-0396	EA	3" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-3).....	1,179.59	25.90
23 05 29 00-0397	EA	4" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-4).....	1,182.05	27.14
23 05 29 00-0398	EA	5" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-5).....	1,321.65	34.54
23 05 29 00-0399	EA	6" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-6).....	1,337.44	42.44

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0400	EA		8" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-8).....	2,544.31	53.05
23 05 29 00-0401	EA		10" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-10).....	3,880.69	63.66
23 05 29 00-0402	EA		12" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-12).....	4,782.65	84.88
23 05 29 00-0403	EA		14" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-14).....	4,825.95	106.10
23 05 29 00-0404	EA		16" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-16).....	5,820.57	119.42
23 05 29 00-0405	EA		18" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-18).....	6,270.03	132.75
23 05 29 00-0406	EA		20" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-20).....	6,646.66	151.75
23 05 29 00-0407	EA		24" Diameter Pipe Alignment Guide, 2-1/2" Insulation (Cooper B-Line B3284-24).....	8,424.64	159.40
23 05 29 00-0408			Pipe Alignment Guide, 3" Insulation (23 05 29 00-0327)		
23 05 29 00-0409	EA		1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1/2).....	1,017.20	20.72
23 05 29 00-0410	EA		3/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3/4).....	1,018.18	21.22
23 05 29 00-0411	EA		1" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1).....	1,019.16	21.71
23 05 29 00-0412	EA		1-1/4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/4).....	1,020.15	22.21
23 05 29 00-0413	EA		1-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-1-1/2).....	1,021.14	22.70
23 05 29 00-0414	EA		2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2).....	1,177.12	24.68
23 05 29 00-0415	EA		2-1/2" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-2-1/2).....	1,179.59	25.90
23 05 29 00-0416	EA		3" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-3).....	1,181.07	26.65
23 05 29 00-0417	EA		4" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-4).....	1,308.23	27.83
23 05 29 00-0418	EA		5" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-5).....	1,323.62	35.53
23 05 29 00-0419	EA		6" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-6).....	1,477.64	43.42
23 05 29 00-0420	EA		8" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-8).....	2,546.78	54.28
23 05 29 00-0421	EA		10" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-10).....	3,883.65	65.15
23 05 29 00-0422	EA		12" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-12).....	4,786.59	86.86
23 05 29 00-0423	EA		14" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-14).....	4,830.89	108.57
23 05 29 00-0424	EA		16" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-16).....	5,826.49	122.39
23 05 29 00-0425	EA		18" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-18).....	6,275.95	135.71
23 05 29 00-0426	EA		20" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-20).....	6,654.06	155.45
23 05 29 00-0427	EA		24" Diameter Pipe Alignment Guide, 3" Insulation (Cooper B-Line B3285-24).....	8,432.54	163.34
23 05 29 00-0428			Pipe Alignment Guide, 3-1/2" Insulation (23 05 29 00-0327)		
23 05 29 00-0429	EA		1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1/2).....	1,018.18	21.22
23 05 29 00-0430	EA		3/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3/4).....	1,171.19	21.71
23 05 29 00-0431	EA		1" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1).....	1,172.18	22.21
23 05 29 00-0432	EA		1-1/4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/4).....	1,173.17	22.70
23 05 29 00-0433	EA		1-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-1-1/2).....	1,174.16	23.19
23 05 29 00-0434	EA		2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2).....	1,178.35	25.29
23 05 29 00-0435	EA		2-1/2" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-2-1/2).....	1,180.87	26.55
23 05 29 00-0436	EA		3" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-3).....	1,307.19	27.32
23 05 29 00-0437	EA		4" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-4).....	1,309.80	28.63
23 05 29 00-0438	EA		5" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-5).....	1,463.82	36.52
23 05 29 00-0439	EA		6" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-6).....	2,527.04	44.41
23 05 29 00-0440	EA		8" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-8).....	3,864.41	55.52
23 05 29 00-0441	EA		10" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-10).....	4,747.29	66.77
23 05 29 00-0442	EA		12" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-12).....	5,759.37	88.83
23 05 29 00-0443	EA		14" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-14).....	5,804.28	111.28
23 05 29 00-0444	EA		16" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-16).....	6,275.16	125.34
23 05 29 00-0445	EA		18" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-18).....	6,621.49	139.16
23 05 29 00-0446	EA		20" Diameter Pipe Alignment Guide, 3-1/2" Insulation (Cooper B-Line B3286-20).....	8,423.65	158.91
23 05 29 00-0447			Pipe Alignment Guide, 4" Insulation (23 05 29 00-0327)		
23 05 29 00-0448	EA		1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1/2).....	1,171.19	21.71
23 05 29 00-0449	EA		3/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3/4).....	1,172.18	22.21
23 05 29 00-0450	EA		1" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1).....	1,173.17	22.70
23 05 29 00-0451	EA		1-1/4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/4).....	1,174.16	23.19
23 05 29 00-0452	EA		1-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-1-1/2).....	1,175.14	23.69
23 05 29 00-0453	EA		2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2).....	1,304.38	25.90
23 05 29 00-0454	EA		2-1/2" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-2-1/2).....	1,306.84	27.14
23 05 29 00-0455	EA		3" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-3).....	1,308.52	27.98
23 05 29 00-0456	EA		4" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-4).....	1,449.50	29.36
23 05 29 00-0457	EA		5" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-5).....	2,513.22	37.51
23 05 29 00-0458	EA		6" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-6).....	2,529.01	45.40
23 05 29 00-0459	EA		8" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-8).....	3,866.87	56.75
23 05 29 00-0460	EA		10" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-10).....	4,750.93	68.59
23 05 29 00-0461	EA		12" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-12).....	5,763.82	91.05
23 05 29 00-0462	EA		14" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-14).....	6,231.54	113.50
23 05 29 00-0463	EA		16" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-16).....	6,599.77	128.30
23 05 29 00-0464	EA		18" Diameter Pipe Alignment Guide, 4" Insulation (Cooper B-Line B3287-18).....	8,392.07	143.11
23 05 29 00-0465			Sway Bracing For No Hub Pipe (23 05 29 00-0001)		
23 05 29 00-0466	EA		1-1/2" Sway Bracing.....	152.78	13.03
			<i>For Work In Restricted Working Space, Add</i>	7.79	
23 05 29 00-0467	EA		2" Sway Bracing.....	157.24	13.72
			<i>For Work In Restricted Working Space, Add</i>	8.23	
23 05 29 00-0468	EA		3" Sway Bracing.....	162.70	14.50
			<i>For Work In Restricted Working Space, Add</i>	8.71	
23 05 29 00-0469	EA		4" Sway Bracing.....	184.69	16.48
			<i>For Work In Restricted Working Space, Add</i>	9.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0470	EA		6" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	270.70 14.81	24.68
23 05 29 00-0471	EA		8" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	298.07 18.51	30.79
23 05 29 00-0472	EA		10" Sway Bracing <i>For Work In Restricted Working Space, Add</i>	332.77 24.68	41.16
23 05 29 00-0473			Pipe Stand With Adjustable Saddle (Cooper B-Line B3088T-18 Base, B3093 Adjustable Pipe Saddle) <small>(23 05 29 00-0001)</small> Note: Heights listed is total for base and adjustable saddle		
23 05 29 00-0474	EA		23" to 28" High Pipe Stand With Adjustable Saddle For 1-1/4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	331.62 5.92	9.87
23 05 29 00-0475	EA		24" to 29" High Pipe Stand With Adjustable Saddle For 1-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	338.96 6.51	10.86
23 05 29 00-0476	EA		24" to 29" High Pipe Stand With Adjustable Saddle For 2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	681.76 7.40	12.34
23 05 29 00-0477	EA		24" to 29" High Pipe Stand With Adjustable Saddle For 2-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	830.11 8.29	13.82
23 05 29 00-0478	EA		24" to 29" High Pipe Stand With Adjustable Saddle For 3" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	840.42 9.18	15.30
23 05 29 00-0479	EA		25" to 29" High Pipe Stand With Adjustable Saddle For 3-1/2" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	925.26 10.36	17.28
23 05 29 00-0480	EA		25" to 30" High Pipe Stand With Adjustable Saddle For 4" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,102.60 11.25	18.75
23 05 29 00-0481	EA		25" to 30" High Pipe Stand With Adjustable Saddle For 5" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,115.25 12.14	20.23
23 05 29 00-0482	EA		26" to 31" High Pipe Stand With Adjustable Saddle For 6" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,131.40 13.32	22.21
23 05 29 00-0483	EA		28" to 33" High Pipe Stand With Adjustable Saddle For 8" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,178.45 14.51	24.18
23 05 29 00-0484	EA		29" to 34" High Pipe Stand With Adjustable Saddle For 10" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,263.29 15.99	26.65
23 05 29 00-0485	EA		30" to 35" High Pipe Stand With Adjustable Saddle For 12" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,300.64 17.77	29.61
23 05 29 00-0486	EA		32" to 37" High Pipe Stand With Adjustable Saddle For 14" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,585.79 19.55	32.57
23 05 29 00-0487	EA		33" to 38" High Pipe Stand With Adjustable Saddle For 16" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	1,731.22 21.91	36.52
23 05 29 00-0488	EA		35" to 40" High Pipe Stand With Adjustable Saddle For 18" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	2,445.00 24.28	40.47
23 05 29 00-0489	EA		36" to 41" High Pipe Stand With Adjustable Saddle For 20" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	3,022.65 26.65	44.41
23 05 29 00-0490	EA		39" to 44" High Pipe Stand With Adjustable Saddle For 24" Pipe (Cooper B-Line B3088T-18 Base, With B3093 Adjustable Pipe Saddle) <i>For Work In Restricted Working Space, Add</i>	3,637.45 29.02	48.36
23 05 29 00-0491			Channel Mounted Cushion Clamp <small>(23 05 29 00-0001)</small> Note: Includes fastening into channel.		
23 05 29 00-0492	EA		1/2" Channel Mounted Cushion Clamp For 3/8" Pipe (Cooper B-Line BVT050).....	12.30	4.45
23 05 29 00-0493	EA		5/8" Channel Mounted Cushion Clamp For 1/2" Pipe (Cooper B-Line BVT062).....	12.96	4.94
23 05 29 00-0494	EA		7/8" Channel Mounted Cushion Clamp For 3/4" Pipe (Cooper B-Line BVT087).....	14.44	5.18
23 05 29 00-0495	EA		1-1/8" Channel Mounted Cushion Clamp For 1" Pipe (Cooper B-Line BVT112).....	15.51	5.43
23 05 29 00-0496	EA		1-3/8" Channel Mounted Cushion Clamp For 1-1/4" Pipe (Cooper B-Line BVT137).....	17.36	5.93
23 05 29 00-0497	EA		1-5/8" Channel Mounted Cushion Clamp For 1-1/2" Pipe (Cooper B-Line BVT162).....	19.54	6.17
23 05 29 00-0498	EA		2-1/8" Channel Mounted Cushion Clamp For 2" Pipe (Cooper B-Line BVT212).....	25.14	6.41
23 05 29 00-0499	EA		2-5/8" Channel Mounted Cushion Clamp For 2-1/2" Pipe (Cooper B-Line BVT262).....	27.86	6.90
23 05 29 00-0500	EA		3-1/8" Channel Mounted Cushion Clamp For 3" Pipe (Cooper B-Line BVT312).....	34.44	7.89
23 05 29 00-0501	EA		4-1/8" Channel Mounted Cushion Clamp For 4" Pipe (Cooper B-Line BVT412).....	53.23	8.88
23 05 29 00-0502			Galvanized Steel Cushion Tube Clamp (KMC) <small>(23 05 29 00-0001)</small> Note: Excludes fastening bolt and drilling if necessary.		
23 05 29 00-0503	EA		1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/8" Pipe..... Note: 19/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.77	
23 05 29 00-0504	EA		1/2" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/8" Pipe..... Note: 23/32" Center To Center Length, 13/32" Hole Diameter For Screw	3.90	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0505	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1/2" Pipe..... Note: 23/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.99	
23 05 29 00-0506	EA	5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1/2" Pipe..... Note: 27/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.21	
23 05 29 00-0507	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3/4" Pipe..... Note: 27/32" Center To Center Length, 9/32" Hole Diameter For Screw	3.94	
23 05 29 00-0508	EA	7/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3/4" Pipe..... Note: 31/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.34	
23 05 29 00-0509	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1" Pipe..... Note: 31/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.10	
23 05 29 00-0510	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1" Pipe..... Note: 1-1/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.58	
23 05 29 00-0511	EA	1-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1" Pipe..... Note: 1-5/32" Center To Center Length, 17/32" Hole Diameter For Screw	4.60	
23 05 29 00-0512	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/4" Pipe..... Note: 1-3/32" Center To Center Length, 9/32" Hole Diameter For Screw	4.32	
23 05 29 00-0513	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/4" Pipe..... Note: 1-7/32" Center To Center Length, 13/32" Hole Diameter For Screw	4.54	
23 05 29 00-0514	EA	1-3/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/4" Pipe..... Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.22	
23 05 29 00-0515	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 1-1/2" Pipe..... Note: 1-5/16" Center To Center Length, 9/32" Hole Diameter For Screw	4.56	
23 05 29 00-0516	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 1-1/2" Pipe..... Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	5.00	
23 05 29 00-0517	EA	1-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 1-1/2" Pipe..... Note: 1-13/16" Center To Center Length, 17/32" Hole Diameter For Screw	5.73	
23 05 29 00-0518	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2" Pipe..... Note: 1-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	5.79	
23 05 29 00-0519	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2" Pipe..... Note: 1-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	6.19	
23 05 29 00-0520	EA	2-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2" Pipe..... Note: 1-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	6.98	
23 05 29 00-0521	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 2-1/2" Pipe..... Note: 1-11/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.22	
23 05 29 00-0522	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 2-1/2" Pipe..... Note: 1-13/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.41	
23 05 29 00-0523	EA	2-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 2-1/2" Pipe..... Note: 1-15/16" Center To Center Length, 17/32" Hole Diameter For Screw	8.50	
23 05 29 00-0524	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3" Pipe..... Note: 1-15/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.46	
23 05 29 00-0525	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3" Pipe..... Note: 2-1/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.41	
23 05 29 00-0526	EA	3-1/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3" Pipe..... Note: 2-3/16" Center To Center Length, 17/32" Hole Diameter For Screw	8.98	
23 05 29 00-0527	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 3-1/2" Pipe..... Note: 2-3/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.77	
23 05 29 00-0528	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 3-1/2" Pipe..... Note: 2-5/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.34	
23 05 29 00-0529	EA	3-5/8" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 3-1/2" Pipe..... Note: 2-7/16" Center To Center Length, 17/32" Hole Diameter For Screw	10.57	
23 05 29 00-0530	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1/2" Width For 4" Pipe..... Note: 2-7/16" Center To Center Length, 9/32" Hole Diameter For Screw	7.71	
23 05 29 00-0531	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 3/4" Width For 4" Pipe..... Note: 2-9/16" Center To Center Length, 13/32" Hole Diameter For Screw	8.54	
23 05 29 00-0532	EA	4" Vinyl Coated Galvanized Cushion Tube Clamp, 1" Width For 4" Pipe..... Note: 2-11/16" Center To Center Length, 17/32" Hole Diameter For Screw	11.05	
23 05 29 00-0533		Rooftop Pipe Supports (23 05 29 00-0001) Note: Excludes pipe/conduit clamps and straps.		
23 05 29 00-0534		Mechanical Supports (Pipe Pier®) (23 05 29 00-0533) Note: Includes installation of support block. Excludes strut accessories.		
23 05 29 00-0535	EA	4" x 12" x 12", 150 LB Max Load, Support Block (Pipe Pier® 150).....	193.40	2.68
23 05 29 00-0536		Rooftop Support Base (23 05 29 00-0533)		
23 05 29 00-0537	EA	4" x 6" x 4.8" Rooftop Support Base (Cooper B-Line Dura-Blok DBM).....	42.65	8.04
23 05 29 00-0538	EA	4" x 6" x 9.6" Rooftop Support Base (Cooper B-Line Dura-Blok DBP).....	59.77	10.72
23 05 29 00-0539		Rooftop Support Base With 14 Gauge Galvanized Channel (23 05 29 00-0533)		
23 05 29 00-0540	EA	5" x 6" x 4.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB5).....	49.26	8.04
23 05 29 00-0541	EA	5" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10).....	70.52	10.72
23 05 29 00-0542	EA	5" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB20).....	134.88	13.40
23 05 29 00-0543	EA	5" x 6" x 30.8" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB30).....	188.21	16.08
23 05 29 00-0544	EA	5" x 6" x 41.4" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB40).....	263.21	18.76
23 05 29 00-0545	EA	5" x 6" x 52" Rooftop Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB48).....	276.37	21.44
23 05 29 00-0546		Rooftop Support Base With 12 Gauge Galvanized Channel (23 05 29 00-0533)		
23 05 29 00-0547	EA	6-7/16" x 6" x 9.6" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB610).....	88.08	10.72
23 05 29 00-0548	EA	6-7/16" x 6" x 20.2" Support Base With 14 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB620).....	142.72	13.40
23 05 29 00-0549	EA	6-7/16" x 6" x 30.8" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB630).....	191.35	16.08
23 05 29 00-0550	EA	6-7/16" x 6" x 41.4" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB640).....	263.39	18.76

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0551 EA 6-7/16" x 6" x 52" Rooftop Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB648).....	299.99	16.08
23 05 29 00-0552 Rooftop Bridge Support Base With 12 Gauge Galvanized Channel <small>(23 05 29 00-0533)</small>		
23 05 29 00-0553 EA 5-5/8" x 6" x 28" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-28)	148.89	16.08
23 05 29 00-0554 EA 5-5/8" x 6" x 36" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-36)	169.25	18.76
23 05 29 00-0555 EA 5-5/8" x 6" x 42" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-42)	174.55	21.44
23 05 29 00-0556 EA 5-5/8" x 6" x 50" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-50)	190.58	24.12
23 05 29 00-0557 EA 5-5/8" x 6" x 60" Rooftop Bridge Support Base With 12 Gauge Galvanized Channel (Cooper B-Line Dura-Blok DB10-60)	246.89	26.79
23 05 29 00-0558 Rooftop Pipe Support Base And Rod <small>(23 05 29 00-0533)</small>		
23 05 29 00-0559 EA 9.69" To 11.19" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1/2CT)	108.88	10.72
23 05 29 00-0560 EA 9.84" To 11.34" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-3/4CT)	108.88	10.72
23 05 29 00-0561 EA 9.95" To 11.45" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1CT)	109.53	10.72
23 05 29 00-0562 EA 10.13" To 11.63" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/4CT)	115.56	13.40
23 05 29 00-0563 EA 10.28" To 11.78" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-1-1/2CT)	110.75	13.40
23 05 29 00-0564 EA 10.53" To 12.03" Height Rooftop Pipe Support Base And Rod (Cooper B-Line Dura-Blok DBM-2CT)	116.92	13.40
23 05 29 00-0565 Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly <small>(23 05 29 00-0533)</small>		
23 05 29 00-0566 EA 7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR2-3 1/2)	140.35	10.72
23 05 29 00-0567 EA 7.09" x 6" x 9.6" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR4-6)	157.60	10.72
23 05 29 00-0568 EA 8.34" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR8-10)	207.06	13.40
23 05 29 00-0569 EA 9.38" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR12-14)	277.60	13.40
23 05 29 00-0570 EA 9.78" x 6" x 20.2" Rooftop Support Base With 14 Gauge Galvanized Channel And Fixed Height Roller Assembly (Cooper B-Line Dura-Blok DBR16-20)	382.36	13.40
23 05 29 00-0571 Rooftop Support Base And Adjustable Height Roller Assembly <small>(23 05 29 00-0533)</small>		
Note: Includes base, two zinc all threaded rod risers and pipe roller.		
23 05 29 00-0572 EA Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Roller Assembly (Cooper B-Line Dura-Blok DBR10-12).....	172.80	16.08
23 05 29 00-0573 Rooftop Support Base And Adjustable Height Channel Assembly <small>(23 05 29 00-0533)</small>		
Note: Includes base, two zinc all threaded rod and 14 gauge slotted channel.		
23 05 29 00-0574 EA Up To 8" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-8).....	111.07	13.40
23 05 29 00-0575 EA Up To 12" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-12).....	153.08	16.08
23 05 29 00-0576 EA Up To 16" Height, 6" x 9.6" Rooftop Support Base And Adjustable Height Channel Assembly (Cooper B-Line Dura-Blok DBE10-16).....	170.05	18.76
23 05 29 00-0577 Rooftop Support Bases With Channel Support And Risers Assembly <small>(23 05 29 00-0533)</small>		
Note: Includes two support bases, two 12 gauge galvanized channel risers and one 12 gauge galvanized channel support. Dimensions are "overall" (height x width x length).		
23 05 29 00-0578 EA 23" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2318DS)	429.12	21.44
23 05 29 00-0579 EA 29" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2918DS)	434.09	21.44
23 05 29 00-0580 EA 41" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4118DS)	451.50	21.44
23 05 29 00-0581 EA 53" x 25-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5318DS)	491.48	21.44
23 05 29 00-0582 EA 23" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2324DS)	420.26	21.44
23 05 29 00-0583 EA 29" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2924DS)	436.92	21.44
23 05 29 00-0584 EA 41" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4124DS)	454.34	21.44
23 05 29 00-0585 EA 53" x 31-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5324DS)	494.30	21.44
23 05 29 00-0586 EA 23" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2336DS)	440.06	21.44
23 05 29 00-0587 EA 29" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2936DS)	445.88	21.44
23 05 29 00-0588 EA 41" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4136DS)	462.96	21.44
23 05 29 00-0589 EA 53" x 43-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5336DS)	503.10	21.44

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0590	EA		23" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2348DS)	460.30	21.44
23 05 29 00-0591	EA		29" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB2948DS)	465.60	21.44
23 05 29 00-0592	EA		41" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB4148DS)	482.69	21.44
23 05 29 00-0593	EA		53" x 55-5/8" x 20.2" Rooftop Support Bases With Channel Support And Risers Assembly (Cooper B-Line Dura-Blok DB5348DS)	522.82	21.44
23 05 29 00-0594			Threaded Rod, Accessories And Attachments (23 05 29)		
23 05 29 00-0595			Threaded Rod And Rod Accessories (23 05 29 00-0594)		
23 05 29 00-0596			Threaded Rod (23 05 29 00-0595)		
			Note: Fully threaded.		
23 05 29 00-0597	LF		3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	3.97	0.67
			For Zinc Plated, Add	0.75	
			For Galvanized, Add	1.05	
			For Work In Restricted Working Space, Add	0.40	
23 05 29 00-0598	LF		1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	5.61	0.72
			For Zinc Plated, Add	1.19	
			For Galvanized, Add	1.68	
			For Work In Restricted Working Space, Add	0.43	
23 05 29 00-0599	LF		5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	7.97	0.74
			For Zinc Plated, Add	1.85	
			For Galvanized, Add	2.60	
			For Work In Restricted Working Space, Add	0.44	
23 05 29 00-0600	LF		3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	13.31	0.77
			For Zinc Plated, Add	3.36	
			For Galvanized, Add	4.72	
			For Work In Restricted Working Space, Add	0.46	
23 05 29 00-0601	LF		7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	14.53	0.79
			For Zinc Plated, Add	3.69	
			For Galvanized, Add	5.18	
			For Work In Restricted Working Space, Add	0.47	
23 05 29 00-0602	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	19.98	0.89
			For Zinc Plated, Add	5.19	
			For Galvanized, Add	7.28	
			For Work In Restricted Working Space, Add	0.53	
23 05 29 00-0603	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	24.94	0.99
			For Zinc Plated, Add	6.54	
			For Galvanized, Add	9.18	
			For Work In Restricted Working Space, Add	0.60	
23 05 29 00-0604			Rod Couplings (23 05 29 00-0595)		
23 05 29 00-0605	EA		3/8" Diameter, Threaded Rod Coupling Nut	8.40	
			For Work In Restricted Working Space, Add	1.97	
23 05 29 00-0606	EA		1/2" Diameter, Threaded Rod Coupling Nut	9.58	
			For Work In Restricted Working Space, Add	2.19	
23 05 29 00-0607	EA		5/8" Diameter, Threaded Rod Coupling Nut	12.26	
			For Work In Restricted Working Space, Add	2.47	
23 05 29 00-0608	EA		3/4" Diameter, Threaded Rod Coupling Nut	15.28	
			For Work In Restricted Working Space, Add	2.69	
23 05 29 00-0609	EA		7/8" Diameter, Threaded Rod Coupling Nut	23.42	
			For Work In Restricted Working Space, Add	2.96	
23 05 29 00-0610	EA		1" Diameter, Threaded Rod Coupling Nut	27.82	
			For Work In Restricted Working Space, Add	3.48	
23 05 29 00-0611	EA		1-1/8" Diameter, Threaded Rod Coupling Nut	56.07	
			For Work In Restricted Working Space, Add	3.95	
23 05 29 00-0612			Flat Washers (23 05 29 00-0595)		
			Note: Zinc plated.		
23 05 29 00-0613	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.60	0.21
			For Galvanized, Add	0.04	
			For Work In Restricted Working Space, Add	0.13	
23 05 29 00-0614	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.84	0.21
			For Galvanized, Add	0.09	
			For Work In Restricted Working Space, Add	0.15	
23 05 29 00-0615	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.25	0.32
			For Galvanized, Add	0.17	
			For Work In Restricted Working Space, Add	0.18	
23 05 29 00-0616	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.72	0.32
			For Galvanized, Add	0.24	
			For Work In Restricted Working Space, Add	0.23	
23 05 29 00-0617	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.03	0.43
			For Galvanized, Add	0.28	
			For Work In Restricted Working Space, Add	0.27	
23 05 29 00-0618	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.38	0.43
			For Galvanized, Add	0.35	
			For Work In Restricted Working Space, Add	0.30	
23 05 29 00-0619	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.69	0.53
			For Galvanized, Add	0.39	
			For Work In Restricted Working Space, Add	0.34	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0620 Hex Nuts <small>(23 05 29 00-0595)</small> Note: Grade 2 and zinc plated.		
23 05 29 00-0621 EA 3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.73	0.27
<i>For Galvanized, Add</i>	<i>0.03</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>0.18</i>	
23 05 29 00-0622 EA 1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	0.96	0.27
<i>For Galvanized, Add</i>	<i>0.07</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>0.20</i>	
23 05 29 00-0623 EA 5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.37	0.27
<i>For Galvanized, Add</i>	<i>0.17</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>0.21</i>	
23 05 29 00-0624 EA 3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	1.64	0.53
<i>For Galvanized, Add</i>	<i>0.22</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>0.23</i>	
23 05 29 00-0625 EA 7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	2.47	0.53
<i>For Galvanized, Add</i>	<i>0.42</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>0.24</i>	
23 05 29 00-0626 EA 1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	3.17	0.53
<i>For Galvanized, Add</i>	<i>0.57</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>0.27</i>	
23 05 29 00-0627 EA 1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	5.29	0.53
<i>For Galvanized, Add</i>	<i>1.08</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>0.30</i>	
23 05 29 00-0628 Turnbuckle (Cooper B-Line B3202) <small>(23 05 29 00-0595)</small> Note: Type 13.		
23 05 29 00-0629 EA 3/8" Turnbuckle (Cooper B-Line B3202).....	26.51	5.36
<i>For Work In Restricted Working Space, Add</i>	<i>3.22</i>	
23 05 29 00-0630 EA 1/2" Turnbuckle (Cooper B-Line B3202).....	31.54	5.89
<i>For Work In Restricted Working Space, Add</i>	<i>3.57</i>	
23 05 29 00-0631 EA 5/8" Turnbuckle (Cooper B-Line B3202).....	33.92	6.43
<i>For Work In Restricted Working Space, Add</i>	<i>4.02</i>	
23 05 29 00-0632 EA 3/4" Turnbuckle (Cooper B-Line B3202).....	42.81	7.51
<i>For Work In Restricted Working Space, Add</i>	<i>4.60</i>	
23 05 29 00-0633 EA 7/8" Turnbuckle (Cooper B-Line B3202).....	55.55	8.04
<i>For Work In Restricted Working Space, Add</i>	<i>5.36</i>	
23 05 29 00-0634 EA 1" Turnbuckle (Cooper B-Line B3202).....	69.01	8.58
<i>For Work In Restricted Working Space, Add</i>	<i>6.44</i>	
23 05 29 00-0635 EA 1-1/8" Turnbuckle (Cooper B-Line B3202).....	95.93	9.65
<i>For Work In Restricted Working Space, Add</i>	<i>8.04</i>	
23 05 29 00-0636 Swivel Turnbuckle (Cooper B-Line B3224) <small>(23 05 29 00-0595)</small> Note: Type 15.		
23 05 29 00-0637 EA 3/8" Swivel Turnbuckle (Cooper B-Line B3224).....	16.53	5.36
<i>For Work In Restricted Working Space, Add</i>	<i>3.22</i>	
23 05 29 00-0638 EA 1/2" Swivel Turnbuckle (Cooper B-Line B3224).....	19.16	6.00
<i>For Work In Restricted Working Space, Add</i>	<i>3.57</i>	
23 05 29 00-0639 EA 5/8" Swivel Turnbuckle (Cooper B-Line B3224).....	25.57	6.65
<i>For Work In Restricted Working Space, Add</i>	<i>4.02</i>	
23 05 29 00-0640 EA 3/4" Swivel Turnbuckle (Cooper B-Line B3224).....	30.96	7.61
<i>For Work In Restricted Working Space, Add</i>	<i>4.60</i>	
23 05 29 00-0641 Forged Steel Clevis (Cooper B-Line B3201) <small>(23 05 29 00-0595)</small> Note: Type 14.		
23 05 29 00-0642 EA 3-9/16" Forged Steel Clevis With Pin, 3/8" To 5/8" Rod Size (Cooper B-Line B3201).....	89.42	9.87
<i>For Work In Restricted Working Space, Add</i>	<i>5.92</i>	
23 05 29 00-0643 EA 4" Forged Steel Clevis With Pin, 3/4" To 7/8" Rod Size (Cooper B-Line B3201).....	132.48	10.36
<i>For Work In Restricted Working Space, Add</i>	<i>6.23</i>	
23 05 29 00-0644 EA 5-1/16" Forged Steel Clevis With Pin, 1" Rod Size (Cooper B-Line B3201).....	143.32	10.86
<i>For Work In Restricted Working Space, Add</i>	<i>6.58</i>	
23 05 29 00-0645 EA 5-1/16" Forged Steel Clevis With Pin, 1-1/8" Rod Size (Cooper B-Line B3201).....	149.22	11.84
<i>For Work In Restricted Working Space, Add</i>	<i>6.97</i>	
23 05 29 00-0646 EA 5-1/16" Forged Steel Clevis With Pin, 1-1/4" Rod Size (Cooper B-Line B3201).....	156.93	13.33
<i>For Work In Restricted Working Space, Add</i>	<i>7.90</i>	
23 05 29 00-0647 EA 6" Forged Steel Clevis With Pin, 1-1/2" Rod Size (Cooper B-Line B3201).....	262.14	17.28
<i>For Work In Restricted Working Space, Add</i>	<i>10.36</i>	
23 05 29 00-0648 EA 5-15/16" Forged Steel Clevis With Pin, 1-3/4" Rod Size (Cooper B-Line B3201).....	284.38	19.74
<i>For Work In Restricted Working Space, Add</i>	<i>11.84</i>	
23 05 29 00-0649 EA 7" Forged Steel Clevis With Pin, 2" Rod Size (Cooper B-Line B3201).....	335.07	24.68
<i>For Work In Restricted Working Space, Add</i>	<i>14.81</i>	
23 05 29 00-0650 Welded Eye Rod (Cooper B-Line B3211) <small>(23 05 29 00-0595)</small>		
23 05 29 00-0651 EA 3/8" Diameter x 8" Length Shank, Welded Eye Rod.....	26.30	5.78
<i>For Work In Restricted Working Space, Add</i>	<i>3.48</i>	
23 05 29 00-0652 EA 3/8" Diameter x 10" Length Shank, Welded Eye Rod.....	27.15	5.89
<i>For Work In Restricted Working Space, Add</i>	<i>3.55</i>	
23 05 29 00-0653 EA 3/8" Diameter x 12" Length Shank, Welded Eye Rod.....	28.00	6.00
<i>For Work In Restricted Working Space, Add</i>	<i>3.62</i>	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0654	EA	3/8" Diameter x 14" Length Shank, Welded Eye Rod	.....	28.22	6.11
		<i>For Work In Restricted Working Space, Add</i>		3.68	
23 05 29 00-0655	EA	3/8" Diameter x 18" Length Shank, Welded Eye Rod	.....	29.94	6.33
		<i>For Work In Restricted Working Space, Add</i>		3.82	
23 05 29 00-0656	EA	3/8" Diameter x 24" Length Shank, Welded Eye Rod	.....	31.91	6.75
		<i>For Work In Restricted Working Space, Add</i>		4.02	
23 05 29 00-0657	EA	3/8" Diameter x 30" Length Shank, Welded Eye Rod	.....	33.20	7.07
		<i>For Work In Restricted Working Space, Add</i>		4.22	
23 05 29 00-0658	EA	3/8" Diameter x 36" Length Shank, Welded Eye Rod	.....	35.80	7.39
		<i>For Work In Restricted Working Space, Add</i>		4.42	
23 05 29 00-0659	EA	3/8" Diameter x 42" Length Shank, Welded Eye Rod	.....	37.73	7.72
		<i>For Work In Restricted Working Space, Add</i>		4.62	
23 05 29 00-0660	EA	3/8" Diameter x 48" Length Shank, Welded Eye Rod	.....	39.69	8.04
		<i>For Work In Restricted Working Space, Add</i>		4.82	
23 05 29 00-0661	EA	1/2" Diameter x 8" Length Shank, Welded Eye Rod	.....	35.17	6.43
		<i>For Work In Restricted Working Space, Add</i>		3.86	
23 05 29 00-0662	EA	1/2" Diameter x 10" Length Shank, Welded Eye Rod	.....	36.04	6.54
		<i>For Work In Restricted Working Space, Add</i>		3.93	
23 05 29 00-0663	EA	1/2" Diameter x 12" Length Shank, Welded Eye Rod	.....	36.93	6.65
		<i>For Work In Restricted Working Space, Add</i>		4.00	
23 05 29 00-0664	EA	1/2" Diameter x 14" Length Shank, Welded Eye Rod	.....	37.81	6.75
		<i>For Work In Restricted Working Space, Add</i>		4.07	
23 05 29 00-0665	EA	1/2" Diameter x 18" Length Shank, Welded Eye Rod	.....	39.55	6.96
		<i>For Work In Restricted Working Space, Add</i>		4.22	
23 05 29 00-0666	EA	1/2" Diameter x 24" Length Shank, Welded Eye Rod	.....	42.82	7.40
		<i>For Work In Restricted Working Space, Add</i>		4.43	
23 05 29 00-0667	EA	1/2" Diameter x 30" Length Shank, Welded Eye Rod	.....	45.45	7.72
		<i>For Work In Restricted Working Space, Add</i>		4.64	
23 05 29 00-0668	EA	1/2" Diameter x 36" Length Shank, Welded Eye Rod	.....	48.71	8.04
		<i>For Work In Restricted Working Space, Add</i>		4.85	
23 05 29 00-0669	EA	1/2" Diameter x 42" Length Shank, Welded Eye Rod	.....	51.32	8.47
		<i>For Work In Restricted Working Space, Add</i>		5.07	
23 05 29 00-0670	EA	1/2" Diameter x 48" Length Shank, Welded Eye Rod	.....	53.96	8.79
		<i>For Work In Restricted Working Space, Add</i>		5.28	
23 05 29 00-0671	EA	5/8" Diameter x 8" Length Shank, Welded Eye Rod	.....	47.55	7.19
		<i>For Work In Restricted Working Space, Add</i>		4.32	
23 05 29 00-0672	EA	5/8" Diameter x 10" Length Shank, Welded Eye Rod	.....	49.05	7.29
		<i>For Work In Restricted Working Space, Add</i>		4.39	
23 05 29 00-0673	EA	5/8" Diameter x 12" Length Shank, Welded Eye Rod	.....	50.60	7.40
		<i>For Work In Restricted Working Space, Add</i>		4.47	
23 05 29 00-0674	EA	5/8" Diameter x 14" Length Shank, Welded Eye Rod	.....	51.48	7.61
		<i>For Work In Restricted Working Space, Add</i>		4.54	
23 05 29 00-0675	EA	5/8" Diameter x 18" Length Shank, Welded Eye Rod	.....	53.88	7.83
		<i>For Work In Restricted Working Space, Add</i>		4.69	
23 05 29 00-0676	EA	5/8" Diameter x 24" Length Shank, Welded Eye Rod	.....	57.81	8.14
		<i>For Work In Restricted Working Space, Add</i>		4.91	
23 05 29 00-0677	EA	5/8" Diameter x 30" Length Shank, Welded Eye Rod	.....	61.73	8.58
		<i>For Work In Restricted Working Space, Add</i>		5.13	
23 05 29 00-0678	EA	5/8" Diameter x 36" Length Shank, Welded Eye Rod	.....	65.02	8.90
		<i>For Work In Restricted Working Space, Add</i>		5.35	
23 05 29 00-0679	EA	5/8" Diameter x 42" Length Shank, Welded Eye Rod	.....	68.96	9.33
		<i>For Work In Restricted Working Space, Add</i>		5.58	
23 05 29 00-0680	EA	5/8" Diameter x 48" Length Shank, Welded Eye Rod	.....	72.87	9.65
		<i>For Work In Restricted Working Space, Add</i>		5.80	
23 05 29 00-0681	EA	3/4" Diameter x 8" Length Shank, Welded Eye Rod	.....	58.43	8.14
		<i>For Work In Restricted Working Space, Add</i>		4.91	
23 05 29 00-0682	EA	3/4" Diameter x 10" Length Shank, Welded Eye Rod	.....	60.61	8.25
		<i>For Work In Restricted Working Space, Add</i>		4.98	
23 05 29 00-0683	EA	3/4" Diameter x 12" Length Shank, Welded Eye Rod	.....	62.12	8.47
		<i>For Work In Restricted Working Space, Add</i>		5.06	
23 05 29 00-0684	EA	3/4" Diameter x 14" Length Shank, Welded Eye Rod	.....	64.29	8.58
		<i>For Work In Restricted Working Space, Add</i>		5.13	
23 05 29 00-0685	EA	3/4" Diameter x 18" Length Shank, Welded Eye Rod	.....	67.99	8.79
		<i>For Work In Restricted Working Space, Add</i>		5.29	
23 05 29 00-0686	EA	3/4" Diameter x 24" Length Shank, Welded Eye Rod	.....	73.19	9.22
		<i>For Work In Restricted Working Space, Add</i>		5.51	
23 05 29 00-0687	EA	3/4" Diameter x 30" Length Shank, Welded Eye Rod	.....	78.42	9.54
		<i>For Work In Restricted Working Space, Add</i>		5.74	
23 05 29 00-0688	EA	3/4" Diameter x 36" Length Shank, Welded Eye Rod	.....	84.30	9.97
		<i>For Work In Restricted Working Space, Add</i>		5.97	
23 05 29 00-0689	EA	3/4" Diameter x 42" Length Shank, Welded Eye Rod	.....	90.14	10.29
		<i>For Work In Restricted Working Space, Add</i>		6.20	
23 05 29 00-0690	EA	3/4" Diameter x 48" Length Shank, Welded Eye Rod	.....	95.37	10.72
		<i>For Work In Restricted Working Space, Add</i>		6.43	
23 05 29 00-0691	EA	7/8" Diameter x 8" Length Shank, Welded Eye Rod	.....	69.97	9.43
		<i>For Work In Restricted Working Space, Add</i>		5.69	
23 05 29 00-0692	EA	7/8" Diameter x 10" Length Shank, Welded Eye Rod	.....	72.77	9.65
		<i>For Work In Restricted Working Space, Add</i>		5.77	
23 05 29 00-0693	EA	7/8" Diameter x 12" Length Shank, Welded Eye Rod	.....	74.96	9.76
		<i>For Work In Restricted Working Space, Add</i>		5.85	
23 05 29 00-0694	EA	7/8" Diameter x 14" Length Shank, Welded Eye Rod	.....	77.13	9.87
		<i>For Work In Restricted Working Space, Add</i>		5.93	
23 05 29 00-0695	EA	7/8" Diameter x 18" Length Shank, Welded Eye Rod	.....	81.51	10.19
		<i>For Work In Restricted Working Space, Add</i>		6.09	
23 05 29 00-0696	EA	7/8" Diameter x 24" Length Shank, Welded Eye Rod	.....	88.65	10.51
		<i>For Work In Restricted Working Space, Add</i>		6.32	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0697	EA		7/8" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	95.18 6.56	10.94
23 05 29 00-0698	EA		7/8" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	102.35 6.80	11.37
23 05 29 00-0699	EA		7/8" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	108.89 7.04	11.69
23 05 29 00-0700	EA		7/8" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	115.41 7.28	12.11
23 05 29 00-0701	EA		1" Diameter x 8" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	87.67 6.79	11.37
23 05 29 00-0702	EA		1" Diameter x 10" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	90.51 6.88	11.47
23 05 29 00-0703	EA		1" Diameter x 12" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	93.36 6.97	11.58
23 05 29 00-0704	EA		1" Diameter x 14" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	96.21 7.06	11.79
23 05 29 00-0705	EA		1" Diameter x 18" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	101.89 7.24	12.11
23 05 29 00-0706	EA		1" Diameter x 24" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	110.45 7.51	12.55
23 05 29 00-0707	EA		1" Diameter x 30" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	119.00 7.77	12.97
23 05 29 00-0708	EA		1" Diameter x 36" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	128.14 8.04	13.40
23 05 29 00-0709	EA		1" Diameter x 42" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	136.70 8.31	13.83
23 05 29 00-0710	EA		1" Diameter x 48" Length Shank, Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	145.25 8.58	14.26
23 05 29 00-0711			Welded Linked Eye Rod (Cooper B-Line B3211X) <small>(23 05 29 00-0595)</small>		
23 05 29 00-0712	EA		3/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	55.22 4.72	7.83
23 05 29 00-0713	EA		3/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	56.70 4.85	8.04
23 05 29 00-0714	EA		3/8" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	58.20 4.98	8.36
23 05 29 00-0715	EA		3/8" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	58.88 5.19	8.68
23 05 29 00-0716	EA		3/8" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	61.64 5.39	9.01
23 05 29 00-0717	EA		3/8" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	65.15 5.79	9.64
23 05 29 00-0718	EA		3/8" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	67.52 6.19	10.29
23 05 29 00-0719	EA		3/8" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	72.07 6.59	11.04
23 05 29 00-0720	EA		1/2" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	71.44 5.21	8.69
23 05 29 00-0721	EA		1/2" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	72.96 5.36	8.90
23 05 29 00-0722	EA		1/2" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	74.54 5.50	9.11
23 05 29 00-0723	EA		1/2" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	76.31 5.71	9.54
23 05 29 00-0724	EA		1/2" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	79.12 5.93	9.87
23 05 29 00-0725	EA		1/2" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	84.81 6.35	10.61
23 05 29 00-0726	EA		1/2" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	89.43 6.78	11.26
23 05 29 00-0727	EA		1/2" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	95.12 7.21	12.00
23 05 29 00-0728	EA		5/8" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	95.73 5.82	9.65
23 05 29 00-0729	EA		5/8" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	98.32 5.97	9.97
23 05 29 00-0730	EA		5/8" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	100.96 6.11	10.19
23 05 29 00-0731	EA		5/8" Diameter x 30" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	102.78 6.34	10.61
23 05 29 00-0732	EA		5/8" Diameter x 36" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	106.70 6.56	10.94
23 05 29 00-0733	EA		5/8" Diameter x 48" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	113.49 7.00	11.69
23 05 29 00-0734	EA		5/8" Diameter x 60" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	120.27 7.45	12.44
23 05 29 00-0735	EA		5/8" Diameter x 72" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	126.00 7.89	13.18
23 05 29 00-0736	EA		3/4" Diameter x 16" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	121.12 6.59	10.94
23 05 29 00-0737	EA		3/4" Diameter x 20" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	124.86 6.74	11.26
23 05 29 00-0738	EA		3/4" Diameter x 24" Length Shank, Linked Welded Eye Rod <i>For Work In Restricted Working Space, Add</i>	127.47 6.89	11.47

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0739	EA		3/4" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	131.41	11.90
			<i>For Work In Restricted Working Space, Add</i>	7.12	
23 05 29 00-0740	EA		3/4" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	137.49	12.23
			<i>For Work In Restricted Working Space, Add</i>	7.35	
23 05 29 00-0741	EA		3/4" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	146.42	12.97
			<i>For Work In Restricted Working Space, Add</i>	7.81	
23 05 29 00-0742	EA		3/4" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	155.39	13.73
			<i>For Work In Restricted Working Space, Add</i>	8.27	
23 05 29 00-0743	EA		3/4" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	165.43	14.58
			<i>For Work In Restricted Working Space, Add</i>	8.72	
23 05 29 00-0744	EA		7/8" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	145.51	12.65
			<i>For Work In Restricted Working Space, Add</i>	7.62	
23 05 29 00-0745	EA		7/8" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	150.30	12.97
			<i>For Work In Restricted Working Space, Add</i>	7.78	
23 05 29 00-0746	EA		7/8" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	154.02	13.18
			<i>For Work In Restricted Working Space, Add</i>	7.94	
23 05 29 00-0747	EA		7/8" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	157.99	13.62
			<i>For Work In Restricted Working Space, Add</i>	8.17	
23 05 29 00-0748	EA		7/8" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	165.19	14.05
			<i>For Work In Restricted Working Space, Add</i>	8.41	
23 05 29 00-0749	EA		7/8" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	177.38	14.80
			<i>For Work In Restricted Working Space, Add</i>	8.89	
23 05 29 00-0750	EA		7/8" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	188.53	15.65
			<i>For Work In Restricted Working Space, Add</i>	9.36	
23 05 29 00-0751	EA		7/8" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	200.73	16.41
			<i>For Work In Restricted Working Space, Add</i>	9.84	
23 05 29 00-0752	EA		1" Diameter x 16" Length Shank, Linked Welded Eye Rod.....	185.42	15.12
			<i>For Work In Restricted Working Space, Add</i>	9.08	
23 05 29 00-0753	EA		1" Diameter x 20" Length Shank, Linked Welded Eye Rod.....	190.28	15.44
			<i>For Work In Restricted Working Space, Add</i>	9.26	
23 05 29 00-0754	EA		1" Diameter x 24" Length Shank, Linked Welded Eye Rod.....	195.12	15.76
			<i>For Work In Restricted Working Space, Add</i>	9.44	
23 05 29 00-0755	EA		1" Diameter x 30" Length Shank, Linked Welded Eye Rod.....	200.27	16.19
			<i>For Work In Restricted Working Space, Add</i>	9.70	
23 05 29 00-0756	EA		1" Diameter x 36" Length Shank, Linked Welded Eye Rod.....	209.63	16.62
			<i>For Work In Restricted Working Space, Add</i>	9.97	
23 05 29 00-0757	EA		1" Diameter x 48" Length Shank, Linked Welded Eye Rod.....	224.18	17.48
			<i>For Work In Restricted Working Space, Add</i>	10.51	
23 05 29 00-0758	EA		1" Diameter x 60" Length Shank, Linked Welded Eye Rod.....	238.75	18.44
			<i>For Work In Restricted Working Space, Add</i>	11.05	
23 05 29 00-0759	EA		1" Diameter x 72" Length Shank, Linked Welded Eye Rod.....	254.28	19.30
			<i>For Work In Restricted Working Space, Add</i>	11.58	
23 05 29 00-0760			Attachments (23 05 29 00-0594)		
23 05 29 00-0761			Welded Beam Attachments (B-Line B-3083) (23 05 29 00-0760)		
			Note: Type 22.		
23 05 29 00-0762	EA		3/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	54.70	10.01
			<i>For Work In Restricted Working Space, Add</i>	6.01	
23 05 29 00-0763	EA		1/2" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	58.49	10.52
			<i>For Work In Restricted Working Space, Add</i>	6.33	
23 05 29 00-0764	EA		5/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	62.35	11.13
			<i>For Work In Restricted Working Space, Add</i>	6.68	
23 05 29 00-0765	EA		3/4" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	81.64	11.82
			<i>For Work In Restricted Working Space, Add</i>	7.07	
23 05 29 00-0766	EA		7/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	99.35	12.53
			<i>For Work In Restricted Working Space, Add</i>	7.52	
23 05 29 00-0767	EA		1" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	142.06	14.33
			<i>For Work In Restricted Working Space, Add</i>	8.59	
23 05 29 00-0768	EA		1-1/8" Rod Size, Welded Beam Attachment With Pin (B-Line B-3083).....	205.68	15.04
			<i>For Work In Restricted Working Space, Add</i>	9.02	
23 05 29 00-0769			C-Clamp Style Beam Clamps (B-Line B-3034) (23 05 29 00-0760)		
			Note: Type 23. Top or bottom flange mount.		
23 05 29 00-0770	EA		3/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	17.64	5.47
			<i>For Work In Restricted Working Space, Add</i>	4.02	
23 05 29 00-0771	EA		1/2" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	21.63	6.96
			<i>For Work In Restricted Working Space, Add</i>	4.29	
23 05 29 00-0772	EA		5/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	24.86	7.51
			<i>For Work In Restricted Working Space, Add</i>	4.60	
23 05 29 00-0773	EA		3/4" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	33.06	8.04
			<i>For Work In Restricted Working Space, Add</i>	4.95	
23 05 29 00-0774	EA		7/8" Rod Size, C-Clamp Style Beam Clamp (B-Line B-3034).....	50.04	8.58
			<i>For Work In Restricted Working Space, Add</i>	5.36	
23 05 29 00-0775			Bottom Mount I-Beam Clamps (B-Line B-3055) (23 05 29 00-0760)		
			Note: Type 21. For attaching threaded rod centered under beam flanges.		
23 05 29 00-0776	EA		3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	55.09	7.51
			<i>For Work In Restricted Working Space, Add</i>	5.36	
23 05 29 00-0777	EA		1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	83.28	9.65
			<i>For Work In Restricted Working Space, Add</i>	5.85	
23 05 29 00-0778	EA		5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	121.19	10.72
			<i>For Work In Restricted Working Space, Add</i>	6.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0779 EA 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	145.68	11.79
<i>For Work In Restricted Working Space, Add</i>	7.15	
23 05 29 00-0780 EA 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp (B-Line B-3055).....	363.26	12.87
<i>For Work In Restricted Working Space, Add</i>	8.04	
23 05 29 00-0781 Steel U-Bolts (B-Line B-3188) (23 05 29 00-0760)		
Note: Type 24. Includes plate and nuts.		
23 05 29 00-0782 EA 1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	14.45	2.68
<i>For Work In Restricted Working Space, Add</i>	3.22	
23 05 29 00-0783 EA 3/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	15.79	3.21
<i>For Work In Restricted Working Space, Add</i>	3.38	
23 05 29 00-0784 EA 1" Pipe Size, Steel U-Bolt (B-Line B-3188).....	17.08	3.21
<i>For Work In Restricted Working Space, Add</i>	3.57	
23 05 29 00-0785 EA 1-1/4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	19.73	3.21
<i>For Work In Restricted Working Space, Add</i>	3.78	
23 05 29 00-0786 EA 1-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	20.25	3.75
<i>For Work In Restricted Working Space, Add</i>	4.02	
23 05 29 00-0787 EA 2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	21.69	3.75
<i>For Work In Restricted Working Space, Add</i>	4.29	
23 05 29 00-0788 EA 2-1/2" Pipe Size, Steel U-Bolt (B-Line B-3188).....	33.04	3.75
<i>For Work In Restricted Working Space, Add</i>	4.59	
23 05 29 00-0789 EA 3" Pipe Size, Steel U-Bolt (B-Line B-3188).....	36.56	4.29
<i>For Work In Restricted Working Space, Add</i>	4.95	
23 05 29 00-0790 EA 4" Pipe Size, Steel U-Bolt (B-Line B-3188).....	44.86	4.83
<i>For Work In Restricted Working Space, Add</i>	5.36	
23 05 29 00-0791 Copper Standoff Brackets With Flange (23 05 29 00-0760)		
Note: Installed in wood, concrete, concrete block or steel.		
23 05 29 00-0792 EA Clamp Size 1/2", Copper Standoff Brackets With Flange.....	32.44	15.33
<i>For Work In Restricted Working Space, Add</i>	9.19	
23 05 29 00-0793 EA Clamp Size 3/4", Copper Standoff Brackets With Flange.....	32.55	15.33
<i>For Work In Restricted Working Space, Add</i>	9.19	
23 05 29 00-0794 EA Clamp Size 1", Copper Standoff Brackets With Flange.....	32.66	15.33
<i>For Work In Restricted Working Space, Add</i>	9.19	
23 05 29 00-0795 EA Clamp Size 1 1/4", Copper Standoff Brackets With Flange.....	34.74	16.30
<i>For Work In Restricted Working Space, Add</i>	9.75	
23 05 29 00-0796 EA Clamp Size 1 1/2", Copper Standoff Brackets With Flange.....	34.96	16.30
<i>For Work In Restricted Working Space, Add</i>	9.75	
23 05 29 00-0797 Malleable Iron Eye Sockets (B-Line B-3222) (23 05 29 00-0760)		
Note: Type 16.		
23 05 29 00-0798 EA 3/8" Rod Size, Malleable Iron Eye Socket.....	12.63	1.61
<i>For Work In Restricted Working Space, Add</i>	0.98	
23 05 29 00-0799 EA 1/2" Rod Size, Malleable Iron Eye Socket.....	16.06	2.15
<i>For Work In Restricted Working Space, Add</i>	1.29	
23 05 29 00-0800 EA 5/8" Rod Size, Malleable Iron Eye Socket.....	28.50	2.15
<i>For Work In Restricted Working Space, Add</i>	1.30	
23 05 29 00-0801 EA 3/4" Rod Size, Malleable Iron Eye Socket.....	40.73	2.15
<i>For Work In Restricted Working Space, Add</i>	1.29	
23 05 29 00-0802 EA 7/8" Rod Size, Malleable Iron Eye Socket.....	43.76	2.68
<i>For Work In Restricted Working Space, Add</i>	1.61	
23 05 29 00-0803 Steel Weldless Eye Nuts (B-Line B-3200) (23 05 29 00-0760)		
Note: Type 17.		
23 05 29 00-0804 EA 3/8" Rod Size, Steel Weldless Eye Nut.....	43.33	1.61
<i>For Work In Restricted Working Space, Add</i>	0.98	
23 05 29 00-0805 EA 1/2" Rod Size, Steel Weldless Eye Nut.....	44.37	2.15
<i>For Work In Restricted Working Space, Add</i>	1.29	
23 05 29 00-0806 EA 5/8" Rod Size, Steel Weldless Eye Nut.....	44.41	2.15
<i>For Work In Restricted Working Space, Add</i>	1.30	
23 05 29 00-0807 EA 3/4" Rod Size, Steel Weldless Eye Nut.....	44.37	2.15
<i>For Work In Restricted Working Space, Add</i>	1.29	
23 05 29 00-0808 EA 7/8" Rod Size, Steel Weldless Eye Nut.....	87.55	2.36
<i>For Work In Restricted Working Space, Add</i>	1.45	
23 05 29 00-0809 EA 1" Rod Size, Steel Weldless Eye Nut.....	88.08	2.68
<i>For Work In Restricted Working Space, Add</i>	1.61	
23 05 29 00-0810 Top Mount I-Beam Clamps (B-Line B-3042) (23 05 29 00-0760)		
Note: For attaching threaded rod to either side of an I-beam.		
23 05 29 00-0811 EA 3/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	27.03	5.01
<i>For Work In Restricted Working Space, Add</i>	3.00	
23 05 29 00-0812 EA 1/2" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	32.83	5.52
<i>For Work In Restricted Working Space, Add</i>	3.32	
23 05 29 00-0813 EA 5/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	40.16	6.02
<i>For Work In Restricted Working Space, Add</i>	3.65	
23 05 29 00-0814 EA 3/4" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	56.36	6.51
<i>For Work In Restricted Working Space, Add</i>	3.83	
23 05 29 00-0815 EA 7/8" Rod Size, Up To 6" Flange Width, Top Mount I-Beam Clamp.....	87.89	7.51
<i>For Work In Restricted Working Space, Add</i>	4.51	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0816	EA		3/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	28.61 3.00	5.01
23 05 29 00-0817	EA		1/2" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	35.06 3.32	5.52
23 05 29 00-0818	EA		5/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	40.16 3.65	6.02
23 05 29 00-0819	EA		3/4" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	62.23 3.83	6.51
23 05 29 00-0820	EA		7/8" Rod Size, >6" To 8" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	97.92 4.51	7.51
23 05 29 00-0821	EA		3/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	32.28 3.00	5.01
23 05 29 00-0822	EA		1/2" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	39.19 3.32	5.52
23 05 29 00-0823	EA		5/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	49.84 3.65	6.02
23 05 29 00-0824	EA		3/4" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	73.22 3.83	6.51
23 05 29 00-0825	EA		7/8" Rod Size, >8" To 12" Flange Width, Top Mount I-Beam Clamp <i>For Work In Restricted Working Space, Add</i>	119.41 4.51	7.51
23 05 29 00-0826			Side Beam Brackets (B-Line B-3062) (23 05 29 00-0760) Note: Type 34.		
23 05 29 00-0827	EA		3/8" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	20.25 4.02	6.96
23 05 29 00-0828	EA		1/2" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	24.46 4.29	6.96
23 05 29 00-0829	EA		5/8" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	32.67 4.60	7.51
23 05 29 00-0830	EA		3/4" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	61.37 4.95	8.04
23 05 29 00-0831	EA		7/8" Rod Size, Side Beam Bracket <i>For Work In Restricted Working Space, Add</i>	72.28 5.36	9.11
23 05 29 00-0832			Hex Lag Bolts (23 05 29 00-0760) Note: Also known as coach screws.		
23 05 29 00-0833	EA		3/8" x 3-1/2" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.13 0.67	
23 05 29 00-0834	EA		3/8" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.15 0.69	
23 05 29 00-0835	EA		3/8" x 6" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	3.61 0.72	
23 05 29 00-0836	EA		3/8" x 8" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.47 0.74	
23 05 29 00-0837	EA		3/8" x 10" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.79 0.77	
23 05 29 00-0838	EA		3/8" x 12" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	6.26 0.80	
23 05 29 00-0839	EA		1/2" x 3-1/2" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.39 0.80	
23 05 29 00-0840	EA		1/2" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	4.42 0.84	
23 05 29 00-0841	EA		1/2" x 6" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	5.25 0.87	
23 05 29 00-0842	EA		1/2" x 8" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	6.18 0.91	
23 05 29 00-0843	EA		1/2" x 10" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	7.42 0.96	
23 05 29 00-0844	EA		1/2" x 12" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	7.96 1.00	
23 05 29 00-0845	EA		5/8" x 4" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	6.31 0.89	
23 05 29 00-0846	EA		3/4" x 5" Long, Hex Lag Bolt <i>For Work In Restricted Working Space, Add</i>	7.53 0.91	
23 05 29 00-0847			Hanger Strap (23 05 29 00-0594)		
23 05 29 00-0848	LF		3/4" Wide x 0.025" Thick Galvanized Hanger Strap 5.21		
23 05 29 00-0849			Shields And Saddles (23 05 29)		
23 05 29 00-0850			Insulation Protection Shield (23 05 29 00-0849) Note: Type 40.		
23 05 29 00-0851			Insulation Protection Shield (Cooper B-Line B3151) (23 05 29 00-0850)		
23 05 29 00-0852	EA		1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) <i>For Work In Restricted Working Space, Add</i>	15.14 2.57	2.57
23 05 29 00-0853	EA		2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) <i>For Work In Restricted Working Space, Add</i>	15.37 2.61	2.60
23 05 29 00-0854	EA		2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151) <i>For Work In Restricted Working Space, Add</i>	15.74 2.64	2.64

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0855 EA 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	16.48 2.67	2.67
23 05 29 00-0856 EA 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	18.23 2.73	2.73
23 05 29 00-0857 EA 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	22.27 2.80	2.80
23 05 29 00-0858 EA 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	25.91 2.86	2.86
23 05 29 00-0859 EA 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 18" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	31.70 2.93	2.92
23 05 29 00-0860 EA 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	40.73 2.96	2.96
23 05 29 00-0861 EA 14" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	44.36 2.99	2.99
23 05 29 00-0862 EA 16" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	61.10 3.02	3.02
23 05 29 00-0863 EA 18" Outside Diameter, 14 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	68.66 3.06	3.05
23 05 29 00-0864 EA 20" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	127.43 3.09	3.08
23 05 29 00-0865 EA 24" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	138.53 3.15	3.15
23 05 29 00-0866 EA 30" Outside Diameter, 12 Gauge Insulation Protection Shield, 24" Length (Cooper B-Line B3151)..... <i>For Work In Restricted Working Space, Add</i>	167.45 3.22	3.22
23 05 29 00-0867 Insulation Protection Shield (Cooper B-Line B3154) (23 05 29 00-0850)		
23 05 29 00-0868 EA 1-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	13.34 2.57	2.57
23 05 29 00-0869 EA 2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	13.53 2.61	2.60
23 05 29 00-0870 EA 2-1/2" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	13.83 2.64	2.64
23 05 29 00-0871 EA 3" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	14.40 2.67	2.67
23 05 29 00-0872 EA 4" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	15.73 2.73	2.73
23 05 29 00-0873 EA 6" Outside Diameter, 18 Gauge Insulation Protection Shield, 8" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	18.71 2.80	2.80
23 05 29 00-0874 EA 8" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	20.11 2.86	2.86
23 05 29 00-0875 EA 10" Outside Diameter, 16 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	25.67 2.93	2.92
23 05 29 00-0876 EA 12" Outside Diameter, 14 Gauge Insulation Protection Shield, 12" Length (Cooper B-Line B3154)..... <i>For Work In Restricted Working Space, Add</i>	30.82 2.96	2.96
23 05 29 00-0877 Pipe Covering Protection Saddle (23 05 29 00-0849)		
Note: Sizes are pipe sizes.		
23 05 29 00-0878 Saddle, For 1" Insulation (Cooper B-Line B3160) (23 05 29 00-0877)		
23 05 29 00-0879 EA 3/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	23.28 3.55	3.55
23 05 29 00-0880 EA 1" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	23.38 3.58	3.58
23 05 29 00-0881 EA 1-1/4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	23.49 3.61	3.60
23 05 29 00-0882 EA 1-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	24.66 3.67	3.66
23 05 29 00-0883 EA 2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	24.75 3.70	3.70
23 05 29 00-0884 EA 2-1/2" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	25.58 3.76	3.76
23 05 29 00-0885 EA 3" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	28.48 3.82	3.82
23 05 29 00-0886 EA 4" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	32.02 3.88	3.88
23 05 29 00-0887 EA 6" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	36.04 4.00	4.00
23 05 29 00-0888 EA 8" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	43.95 4.15	4.15
23 05 29 00-0889 EA 10" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	49.17 4.21	4.21
23 05 29 00-0890 EA 12" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	58.37 4.30	4.21
23 05 29 00-0891 EA 14" Pipe Saddle, For 1" Insulation (Cooper B-Line B3160)..... <i>For Work In Restricted Working Space, Add</i>	63.76 4.36	4.36
23 05 29 00-0892 Saddle, For 1-1/2" Insulation (Cooper B-Line B3161) (23 05 29 00-0877)		
23 05 29 00-0893 EA 3/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)..... <i>For Work In Restricted Working Space, Add</i>	26.33 3.55	3.55
23 05 29 00-0894 EA 1" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)..... <i>For Work In Restricted Working Space, Add</i>	26.43 3.58	3.58

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0895	EA		1-1/4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	26.54	3.60
			<i>For Work In Restricted Working Space, Add</i>	3.61	
23 05 29 00-0896	EA		1-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	27.50	3.66
			<i>For Work In Restricted Working Space, Add</i>	3.67	
23 05 29 00-0897	EA		2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	29.71	3.70
			<i>For Work In Restricted Working Space, Add</i>	3.70	
23 05 29 00-0898	EA		2-1/2" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	32.04	3.76
			<i>For Work In Restricted Working Space, Add</i>	3.76	
23 05 29 00-0899	EA		3" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	32.58	3.82
			<i>For Work In Restricted Working Space, Add</i>	3.82	
23 05 29 00-0900	EA		4" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	37.06	3.82
			<i>For Work In Restricted Working Space, Add</i>	3.88	
23 05 29 00-0901	EA		6" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	41.74	4.00
			<i>For Work In Restricted Working Space, Add</i>	4.00	
23 05 29 00-0902	EA		8" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	49.54	4.15
			<i>For Work In Restricted Working Space, Add</i>	4.15	
23 05 29 00-0903	EA		10" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	55.78	4.21
			<i>For Work In Restricted Working Space, Add</i>	4.21	
23 05 29 00-0904	EA		12" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	66.52	4.30
			<i>For Work In Restricted Working Space, Add</i>	4.30	
23 05 29 00-0905	EA		14" Pipe Saddle, For 1-1/2" Insulation (Cooper B-Line B3161)	72.91	4.36
			<i>For Work In Restricted Working Space, Add</i>	4.36	
23 05 29 00-0906			Saddle, For 2" Insulation (Cooper B-Line B3162) (23 05 29 00-0877)		
23 05 29 00-0907	EA		3/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.19	3.73
			<i>For Work In Restricted Working Space, Add</i>	3.73	
23 05 29 00-0908	EA		1" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	28.29	3.76
			<i>For Work In Restricted Working Space, Add</i>	3.76	
23 05 29 00-0909	EA		1-1/4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	29.82	3.79
			<i>For Work In Restricted Working Space, Add</i>	3.79	
23 05 29 00-0910	EA		1-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	30.73	3.85
			<i>For Work In Restricted Working Space, Add</i>	3.85	
23 05 29 00-0911	EA		2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.55	3.88
			<i>For Work In Restricted Working Space, Add</i>	3.88	
23 05 29 00-0912	EA		2-1/2" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	31.75	3.95
			<i>For Work In Restricted Working Space, Add</i>	3.94	
23 05 29 00-0913	EA		3" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	33.59	4.01
			<i>For Work In Restricted Working Space, Add</i>	4.00	
23 05 29 00-0914	EA		4" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	35.43	4.07
			<i>For Work In Restricted Working Space, Add</i>	4.06	
23 05 29 00-0915	EA		6" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	45.36	4.20
			<i>For Work In Restricted Working Space, Add</i>	4.21	
23 05 29 00-0916	EA		8" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	51.51	4.36
			<i>For Work In Restricted Working Space, Add</i>	4.36	
23 05 29 00-0917	EA		10" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	54.11	4.42
			<i>For Work In Restricted Working Space, Add</i>	4.42	
23 05 29 00-0918	EA		12" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	73.34	4.51
			<i>For Work In Restricted Working Space, Add</i>	4.51	
23 05 29 00-0919	EA		14" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	81.29	4.58
			<i>For Work In Restricted Working Space, Add</i>	4.57	
23 05 29 00-0920	EA		16" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	89.47	4.69
			<i>For Work In Restricted Working Space, Add</i>	4.69	
23 05 29 00-0921	EA		18" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	97.63	4.81
			<i>For Work In Restricted Working Space, Add</i>	4.81	
23 05 29 00-0922	EA		20" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	107.15	4.93
			<i>For Work In Restricted Working Space, Add</i>	4.93	
23 05 29 00-0923	EA		24" Pipe Saddle, For 2" Insulation (Cooper B-Line B3162)	122.83	5.06
			<i>For Work In Restricted Working Space, Add</i>	5.05	
23 05 29 00-0924			Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) (23 05 29 00-0877)		
23 05 29 00-0925	EA		1-1/4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	31.65	3.88
			<i>For Work In Restricted Working Space, Add</i>	3.88	
23 05 29 00-0926	EA		1-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	33.45	3.94
			<i>For Work In Restricted Working Space, Add</i>	3.94	
23 05 29 00-0927	EA		2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	34.35	3.98
			<i>For Work In Restricted Working Space, Add</i>	3.97	
23 05 29 00-0928	EA		2-1/2" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.35	4.04
			<i>For Work In Restricted Working Space, Add</i>	4.03	
23 05 29 00-0929	EA		3" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	35.65	4.10
			<i>For Work In Restricted Working Space, Add</i>	4.12	
23 05 29 00-0930	EA		4" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	41.59	4.17
			<i>For Work In Restricted Working Space, Add</i>	4.18	
23 05 29 00-0931	EA		6" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	47.73	4.30
			<i>For Work In Restricted Working Space, Add</i>	4.30	
23 05 29 00-0932	EA		8" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	55.74	4.46
			<i>For Work In Restricted Working Space, Add</i>	4.45	
23 05 29 00-0933	EA		10" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	59.81	4.53
			<i>For Work In Restricted Working Space, Add</i>	4.54	
23 05 29 00-0934	EA		12" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	75.23	4.62
			<i>For Work In Restricted Working Space, Add</i>	4.63	
23 05 29 00-0935	EA		14" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163)	89.54	4.69
			<i>For Work In Restricted Working Space, Add</i>	4.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0936	EA		16" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) <i>For Work In Restricted Working Space, Add</i>	104.04 4.81	4.80
23 05 29 00-0937	EA		18" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) <i>For Work In Restricted Working Space, Add</i>	110.57 4.93	4.92
23 05 29 00-0938	EA		20" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) <i>For Work In Restricted Working Space, Add</i>	117.84 5.05	5.06
23 05 29 00-0939	EA		24" Pipe Saddle, For 2-1/2" Insulation (Cooper B-Line B3163) <i>For Work In Restricted Working Space, Add</i>	125.11 5.17	5.17
23 05 29 00-0940			Saddle, For 3" Insulation (Cooper B-Line B3164) <small>(23 05 29 00-0877)</small>		
23 05 29 00-0941	EA		2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	35.54 4.06	4.07
23 05 29 00-0942	EA		2-1/2" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	38.88 4.15	4.14
23 05 29 00-0943	EA		3" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	40.59 4.21	4.20
23 05 29 00-0944	EA		4" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	42.30 4.27	4.27
23 05 29 00-0945	EA		6" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	48.77 4.39	4.40
23 05 29 00-0946	EA		8" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	61.48 4.57	4.56
23 05 29 00-0947	EA		10" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	66.75 4.63	4.63
23 05 29 00-0948	EA		12" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	87.33 4.72	4.73
23 05 29 00-0949	EA		14" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	104.59 4.81	4.80
23 05 29 00-0950	EA		16" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	121.84 4.90	4.91
23 05 29 00-0951	EA		18" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	124.16 5.05	5.05
23 05 29 00-0952	EA		20" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	126.38 5.17	5.16
23 05 29 00-0953	EA		24" Pipe Saddle, For 3" Insulation (Cooper B-Line B3164) <i>For Work In Restricted Working Space, Add</i>	160.90 5.29	5.29
23 05 29 00-0954			Saddle, For 4" Insulation (Cooper B-Line B3165) <small>(23 05 29 00-0877)</small>		
23 05 29 00-0955	EA		2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	40.24 4.15	4.16
23 05 29 00-0956	EA		2-1/2" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	44.19 4.24	4.23
23 05 29 00-0957	EA		3" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	46.20 4.30	4.30
23 05 29 00-0958	EA		4" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	48.31 4.36	4.36
23 05 29 00-0959	EA		6" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	59.29 4.51	4.50
23 05 29 00-0960	EA		8" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	70.25 4.66	4.67
23 05 29 00-0961	EA		10" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	72.64 4.75	4.74
23 05 29 00-0962	EA		12" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	93.37 4.84	4.84
23 05 29 00-0963	EA		14" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	113.75 4.90	4.90
23 05 29 00-0964	EA		16" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	134.32 5.02	5.04
23 05 29 00-0965	EA		18" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	164.69 5.14	5.15
23 05 29 00-0966	EA		20" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	194.91 5.29	5.28
23 05 29 00-0967	EA		24" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	208.62 5.42	5.41
23 05 29 00-0968	EA		30" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	219.59 5.56	5.55
23 05 29 00-0969	EA		36" Pipe Saddle, For 4" Insulation (Cooper B-Line B3165) <i>For Work In Restricted Working Space, Add</i>	227.73 5.69	5.69
23 05 29 00-0970			Adjustable Pipe Saddle Support (Cooper B-Line B3096) <small>(23 05 29 00-0849)</small>		
23 05 29 00-0971	EA		2" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	91.17	13.40
23 05 29 00-0972	EA		3" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	96.51	15.54
23 05 29 00-0973	EA		4" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	117.38	17.69
23 05 29 00-0974	EA		5" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	122.32	19.30
23 05 29 00-0975	EA		6" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	135.72	21.45
23 05 29 00-0976	EA		8" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	154.05	26.80
23 05 29 00-0977	EA		10" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	201.38	35.92
23 05 29 00-0978	EA		12" Adjustable Pipe Saddle Support (Cooper B-Line B3096)	247.88	53.61
23 05 29 00-0979			Pipe Stanchion Support (Cooper B-Line B3090) <small>(23 05 29 00-0849)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-0980	EA		2-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	113.17	13.40
23 05 29 00-0981	EA		3" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	117.00	15.54
23 05 29 00-0982	EA		3-1/2" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	125.35	16.62
23 05 29 00-0983	EA		4" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	127.85	17.69
23 05 29 00-0984	EA		5" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	134.37	19.30
23 05 29 00-0985	EA		6" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	142.36	21.45
23 05 29 00-0986	EA		8" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	180.82	26.80
23 05 29 00-0987	EA		10" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	243.97	35.92
23 05 29 00-0988	EA		12" Pipe Stanchion Support With U-Bolt (Cooper B-Line B3090).....	318.39	53.61
23 05 29 00-0989			Pipe Saddle Support (Cooper B-Line B3095) (23 05 29 00-0849)		
23 05 29 00-0990	EA		2-1/2" Pipe Saddle Support (Cooper B-Line B3095).....	57.41	13.40
23 05 29 00-0991	EA		3" Pipe Saddle Support (Cooper B-Line B3095).....	61.24	15.54
23 05 29 00-0992	EA		3-1/2" Pipe Saddle Support (Cooper B-Line B3095).....	93.02	16.62
23 05 29 00-0993	EA		4" Pipe Saddle Support (Cooper B-Line B3095).....	95.52	17.69
23 05 29 00-0994	EA		5" Pipe Saddle Support (Cooper B-Line B3095).....	105.06	19.30
23 05 29 00-0995	EA		6" Pipe Saddle Support (Cooper B-Line B3095).....	116.45	21.45
23 05 29 00-0996	EA		8" Pipe Saddle Support (Cooper B-Line B3095).....	133.34	26.80
23 05 29 00-0997	EA		10" Pipe Saddle Support (Cooper B-Line B3095).....	155.09	35.92
23 05 29 00-0998	EA		12" Pipe Saddle Support (Cooper B-Line B3095).....	195.03	53.61
23 05 29 00-0999			360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0849)		
			Note: Insert is for use as isolated protective insulation at hangers.		
23 05 29 00-1000			1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0999)		
23 05 29 00-1001	EA		1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.97	7.54
23 05 29 00-1002	EA		3/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.27	7.54
23 05 29 00-1003	EA		1" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.35	7.54
23 05 29 00-1004	EA		1-1/4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.65	7.54
23 05 29 00-1005	EA		1-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.88	8.00
23 05 29 00-1006	EA		2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.71	8.24
23 05 29 00-1007	EA		2-1/2" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.68	8.58
23 05 29 00-1008	EA		3" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.75	8.93
23 05 29 00-1009	EA		4" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.61	9.27
23 05 29 00-1010	EA		6" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.92	8.00
23 05 29 00-1011	EA		8" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.25	10.44
23 05 29 00-1012	EA		10" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	45.22	12.29
23 05 29 00-1013	EA		12" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	51.58	14.27
23 05 29 00-1014	EA		14" Diameter Pipe, 1" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	57.95	14.73
23 05 29 00-1015			1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0999)		
23 05 29 00-1016	EA		1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	14.53	5.68
23 05 29 00-1017	EA		3/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.02	5.68
23 05 29 00-1018	EA		1" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.38	5.80
23 05 29 00-1019	EA		1-1/4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	16.92	5.91
23 05 29 00-1020	EA		1-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	17.44	5.91
23 05 29 00-1021	EA		2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	18.33	6.14
23 05 29 00-1022	EA		2-1/2" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.39	6.37
23 05 29 00-1023	EA		3" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	19.93	6.49
23 05 29 00-1024	EA		4" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.93	7.08
23 05 29 00-1025	EA		6" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.78	12.17
23 05 29 00-1026	EA		8" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.55	9.16
23 05 29 00-1027	EA		10" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	35.77	10.78
23 05 29 00-1028	EA		12" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	40.63	12.40
23 05 29 00-1029	EA		14" Diameter Pipe, 1-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	47.99	14.96
23 05 29 00-1030			2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate (23 05 29 00-0999)		
23 05 29 00-1031	EA		1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.10	6.49
23 05 29 00-1032	EA		3/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	20.34	6.49
23 05 29 00-1033	EA		1" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.02	6.61
23 05 29 00-1034	EA		1-1/4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	21.62	6.73
23 05 29 00-1035	EA		1-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	22.25	6.84
23 05 29 00-1036	EA		2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.10	7.08
23 05 29 00-1037	EA		2-1/2" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.33	7.31
23 05 29 00-1038	EA		3" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.47	7.54
23 05 29 00-1039	EA		4" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	28.01	8.00
23 05 29 00-1040	EA		6" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.04	9.04
23 05 29 00-1041	EA		8" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.91	15.43
23 05 29 00-1042	EA		10" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	54.67	17.86
23 05 29 00-1043	EA		12" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.11	21.10
23 05 29 00-1044	EA		14" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	70.77	23.65
23 05 29 00-1045	EA		16" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	79.05	26.67
23 05 29 00-1046	EA		18" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	90.65	31.31
23 05 29 00-1047	EA		20" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	100.65	34.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1048 EA 24" Diameter Pipe, 2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	113.72	39.43
23 05 29 00-1049 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-0999)</small>		
23 05 29 00-1050 EA 1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.02	7.54
23 05 29 00-1051 EA 3/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.29	7.54
23 05 29 00-1052 EA 1" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.13	7.65
23 05 29 00-1053 EA 1-1/4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	24.75	7.77
23 05 29 00-1054 EA 1-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	25.38	7.77
23 05 29 00-1055 EA 2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	26.42	8.12
23 05 29 00-1056 EA 2-1/2" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.81	8.35
23 05 29 00-1057 EA 3" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.12	8.70
23 05 29 00-1058 EA 4" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.99	9.16
23 05 29 00-1059 EA 6" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	36.64	10.44
23 05 29 00-1060 EA 8" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	47.82	11.60
23 05 29 00-1061 EA 10" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	56.89	13.33
23 05 29 00-1062 EA 12" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	65.34	16.58
23 05 29 00-1063 EA 14" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	73.58	18.20
23 05 29 00-1064 EA 16" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	87.47	23.19
23 05 29 00-1065 EA 18" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	93.79	24.36
23 05 29 00-1066 EA 20" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	106.53	27.83
23 05 29 00-1067 EA 24" Diameter Pipe, 2-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	125.73	33.63
23 05 29 00-1068 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-0999)</small>		
23 05 29 00-1069 EA 1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	48.49	7.77
23 05 29 00-1070 EA 3/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	57.67	8.12
23 05 29 00-1071 EA 1" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	59.96	8.12
23 05 29 00-1072 EA 1-1/4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	61.42	8.35
23 05 29 00-1073 EA 1-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.12	8.58
23 05 29 00-1074 EA 2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	65.06	8.70
23 05 29 00-1075 EA 2-1/2" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	68.49	8.93
23 05 29 00-1076 EA 3" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	71.50	9.50
23 05 29 00-1077 EA 4" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	78.81	9.86
23 05 29 00-1078 EA 6" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	90.17	12.06
23 05 29 00-1079 EA 8" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	116.65	13.22
23 05 29 00-1080 EA 10" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	138.75	13.92
23 05 29 00-1081 EA 12" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	159.27	17.97
23 05 29 00-1082 EA 14" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	179.31	19.13
23 05 29 00-1083 EA 16" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	214.73	25.51
23 05 29 00-1084 EA 18" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	231.15	27.83
23 05 29 00-1085 EA 20" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	261.78	30.15
23 05 29 00-1086 EA 24" Diameter Pipe, 3" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	307.55	37.10
23 05 29 00-1087 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-0999)</small>		
23 05 29 00-1088 EA 1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	23.02	7.54
23 05 29 00-1089 EA 3/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	27.81	9.16
23 05 29 00-1090 EA 1" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.00	9.16
23 05 29 00-1091 EA 1-1/4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	29.68	9.27
23 05 29 00-1092 EA 1-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	30.54	9.39
23 05 29 00-1093 EA 2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.65	9.74
23 05 29 00-1094 EA 2-1/2" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.35	10.09
23 05 29 00-1095 EA 3" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	34.81	10.44
23 05 29 00-1096 EA 4" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	38.42	11.02
23 05 29 00-1097 EA 6" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	43.95	12.53
23 05 29 00-1098 EA 8" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	57.36	13.92
23 05 29 00-1099 EA 10" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	68.27	16.00
23 05 29 00-1100 EA 12" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	78.40	19.95
23 05 29 00-1101 EA 14" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	88.31	21.80
23 05 29 00-1102 EA 16" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	104.98	27.83
23 05 29 00-1103 EA 18" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	112.54	29.22
23 05 29 00-1104 EA 20" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	127.91	33.40
23 05 29 00-1105 EA 24" Diameter Pipe, 3-1/2" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	150.89	40.36
23 05 29 00-1106 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate <small>(23 05 29 00-0999)</small>		
23 05 29 00-1107 EA 1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.03	10.20
23 05 29 00-1108 EA 3/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	31.41	10.20
23 05 29 00-1109 EA 1" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	32.55	10.32
23 05 29 00-1110 EA 1-1/4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	33.46	10.44
23 05 29 00-1111 EA 1-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	34.14	10.44
23 05 29 00-1112 EA 2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	36.04	11.14
23 05 29 00-1113 EA 2-1/2" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	37.50	11.25
23 05 29 00-1114 EA 3" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	39.31	11.71
23 05 29 00-1115 EA 4" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	43.19	12.40
23 05 29 00-1116 EA 6" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	49.42	14.04

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 29 Hangers and Supports for HVAC Piping and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1117 EA 8" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	63.65	15.19
23 05 29 00-1118 EA 10" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	76.83	18.09
23 05 29 00-1119 EA 12" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	88.23	22.49
23 05 29 00-1120 EA 14" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	99.38	24.47
23 05 29 00-1121 EA 16" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	118.17	31.31
23 05 29 00-1122 EA 18" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	126.56	32.81
23 05 29 00-1123 EA 20" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	142.28	37.57
23 05 29 00-1124 EA 24" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	169.77	45.46
23 05 29 00-1125 EA 26" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	193.85	53.46
23 05 29 00-1126 EA 28" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	220.88	63.08
23 05 29 00-1127 EA 30" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	250.33	74.56
23 05 29 00-1128 EA 42" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	359.20	115.15
23 05 29 00-1129 EA 44" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	387.23	126.75
23 05 29 00-1130 EA 46" Diameter Pipe, 4" Thick 360 Degree Thermal Hanger Shield, Pre-Insulated With Calcium Silicate.....	412.82	136.83
23 05 29 00-1131 Equipment Housekeeping Pads (23 05 29) See CSI section 03 31 13 00-0089 for Concrete Equipment Pads.		
23 05 29 00-1132 Molded Plastic Condenser Pad (23 05 29 00-1131)		
23 05 29 00-1133 EA 30" Round Molded Plastic Pad.....	140.22	13.40
23 05 29 00-1134 EA 30" Octagon Molded Plastic Pad.....	147.68	13.40
23 05 29 00-1135 EA 30" x 30" Molded Plastic Pad.....	140.22	13.40
23 05 29 00-1136 EA 36" x 36" Molded Plastic Pad.....	184.92	13.40
23 05 29 00-1137 EA 36" x 48" Molded Plastic Pad.....	268.56	13.40
23 05 29 00-1138 Inertia Base (23 05 29 00-1131) Note: Includes spring isolators.		
23 05 29 00-1139 EA Up To 12 SF Inertia Base, 8" Thick With Spring Base.....	3,930.33	
23 05 29 00-1140 EA >12 To 16 SF Inertia Base, 8" Thick With Spring Base.....	4,755.96	
23 05 29 00-1141 EA >16 To 20 SF Inertia Base, 8" Thick With Spring Base.....	5,448.09	
23 05 29 00-1142 EA >20 To 24 SF Inertia Base, 8" Thick With Spring Base.....	6,229.24	
23 05 29 00-1143 Hanger Assemblies (23 05 29) Note: Includes hanger, rod, nuts, washers, clamps, upper attachment, etc. Not for use where detail is available.		
23 05 29 00-1144 EA 1/2" Standard Duty Clevis Pipe Hanger Assembly.....	50.39	16.67
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	10.73	
23 05 29 00-1145 EA 3/4" Standard Duty Clevis Pipe Hanger Assembly.....	52.36	17.66
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	11.32	
23 05 29 00-1146 EA 1" Standard Duty Clevis Pipe Hanger Assembly.....	54.04	18.74
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	11.80	
23 05 29 00-1147 EA 1-1/4" Standard Duty Clevis Pipe Hanger Assembly.....	54.93	18.77
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	11.98	
23 05 29 00-1148 EA 1-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	55.18	18.77
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	11.98	
23 05 29 00-1149 EA 2" Standard Duty Clevis Pipe Hanger Assembly.....	56.26	18.92
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	12.16	
23 05 29 00-1150 EA 2-1/2" Standard Duty Clevis Pipe Hanger Assembly.....	66.39	19.80
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	12.10	
23 05 29 00-1151 EA 3" Standard Duty Clevis Pipe Hanger Assembly.....	68.27	20.36
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	12.29	
23 05 29 00-1152 EA 4" Standard Duty Clevis Pipe Hanger Assembly.....	84.29	23.00
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	13.57	
23 05 29 00-1153 EA 6" Standard Duty Clevis Pipe Hanger Assembly.....	127.67	29.71
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	17.82	
23 05 29 00-1154 EA 8" Standard Duty Clevis Pipe Hanger Assembly.....	145.48	34.46
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	20.68	
23 05 29 00-1155 EA 10" Standard Duty Clevis Pipe Hanger Assembly.....	200.43	43.78
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	25.94	
23 05 29 00-1156 EA 12" Standard Duty Clevis Pipe Hanger Assembly.....	218.04	47.12
Note: Includes hanger, rod, nuts, washers and clamp. <i>For Work In Restricted Working Space, Add</i>	28.32	
23 05 29 00-1157 Steel Shapes For Hanger Devices (23 05 29)		
23 05 29 00-1158 Angle Iron For Hanger Devices (23 05 29 00-1157)		
23 05 29 00-1159 LF 1/2" x 1/2" x 1/8" Angle Iron For Hanger Devices.....	2.66	1.56
23 05 29 00-1160 LF 3/4" x 3/4" x 1/8" Angle Iron For Hanger Devices.....	3.50	1.95
23 05 29 00-1161 LF 1" x 1" x 1/8" Angle Iron For Hanger Devices.....	4.33	2.33
23 05 29 00-1162 LF 1-1/4" x 1-1/4" x 3/16" Angle Iron For Hanger Devices.....	6.14	2.90

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 29 00-1163 LF 1-1/2" x 1-1/2" x 3/16" Angle Iron For Hanger Devices	6.91	3.11
23 05 29 00-1164 LF 2" x 2" x 1/4" Angle Iron For Hanger Devices	9.56	3.50
23 05 29 00-1165 LF 2-1/2" x 2-1/2" x 1/4" Angle Iron For Hanger Devices	11.95	4.26
23 05 29 00-1166 LF 3" x 2" x 3/8" Angle Iron For Hanger Devices	15.70	4.99
23 05 29 00-1167 LF 3" x 3" x 3/8" Angle Iron For Hanger Devices	18.81	5.84
23 05 29 00-1168 Channels For Hanger Devices (23 05 29 00-1157)		
23 05 29 00-1169 LF C2 x 1.78, 2" Wide Channels For Hanger Devices	7.87	3.88
23 05 29 00-1170 LF C3 x 4.1, 3" Wide Channels For Hanger Devices	13.74	5.58
23 05 29 00-1171 LF C4 x 5.4, 4" Wide Channels For Hanger Devices	17.23	6.71
23 05 29 00-1172 LF C5 x 6.7 - 5" Wide Channels For Hanger Devices	20.71	7.81
23 05 29 00-1173 LF C6 x 8.2 - 6" Wide Channels For Hanger Devices	25.10	9.38
23 05 29 00-1174 LF C7 x 9.8 - 7" Wide Channels For Hanger Devices	29.93	11.17
23 05 29 00-1175 LF C8 x 11.5 - 8" Wide Channels For Hanger Devices	34.03	12.30
23 05 29 00-1176 Structural Bar Tees For Hanger Devices (23 05 29 00-1157)		
23 05 29 00-1177 LF 3/4" x 3/4" x 1/8" Structural Bar Tee For Hanger Devices	8.43	5.46
23 05 29 00-1178 LF 1" x 1" x 1/8" Structural Bar Tee For Hanger Devices	10.15	6.46
23 05 29 00-1179 LF 1-1/2" x 1-1/2" x 1/4" Structural Bar Tee For Hanger Devices	14.97	7.45
23 05 29 00-1180 LF 2" x 2" x 1/4" Structural Bar Tee For Hanger Devices	19.30	9.94
23 05 29 00-1181 LF 2-1/2" x 2-1/2" x 3/8" Structural Bar Tee For Hanger Devices	26.83	11.91
23 05 29 00-1182 LF 3" x 3" x 3/8" Structural Bar Tee For Hanger Devices	33.59	15.39
23 05 29 00-1183 Structural Zees For Hanger Devices (23 05 29 00-1157)		
23 05 29 00-1184 LF 1-1/4" x 1-3/4" x 1-3/4" Structural Zee For Hanger Devices	14.99	7.45
23 05 29 00-1185 LF 2-11/16" x 3" x 2-11/16" Structural Zee For Hanger Devices	18.44	7.45
23 05 29 00-1186 LF 3-1/16" x 4" x 3-1/16" Structural Zee For Hanger Devices	27.25	7.45
23 05 29 00-1187 LF 3-1/4" x 5" x 3-1/4" Structural Zee For Hanger Devices	34.78	7.45
23 05 29 00-1188 LF 3-1/2" x 6" x 3-1/2" Structural Zee For Hanger Devices	42.81	7.45
23 05 29 00-1189 Junior I-beams For Hanger Devices (23 05 29 00-1157)		
23 05 29 00-1190 LF 3" I-beam (Junior) For Hanger Devices	18.29	10.92
23 05 29 00-1191 LF 4" I-beam (Junior) For Hanger Devices	21.18	11.91
23 05 29 00-1192 LF 5" I-beam (Junior) For Hanger Devices	24.65	12.91
23 05 29 00-1193 LF 6" I-beam (Junior) For Hanger Devices	26.99	14.40
23 05 29 00-1194 LF 7" I-beam (Junior) For Hanger Devices	32.50	15.39
23 05 29 00-1195 LF 8" I-beam (Junior) For Hanger Devices	35.23	16.38
23 05 33 Heat Tracing for HVAC Piping (23 05)		
See CSI section 23 83 13 00-0000 for heat tracing cables.		
23 05 48 Vibration and Seismic Controls for HVAC (23 05)		
23 05 48 13 Vibration Controls for HVAC (23 05 48)		
23 05 48 13-0001 Unhoused Stable Steel Spring Isolators (23 05 48 13)		
Note: Includes leveling adjustment, cast top, base plate and pad. For use with floor mounted equipment only.		
23 05 48 13-0002 EA 60 LB Unhoused Steel Spring Isolator	98.57	30.01
23 05 48 13-0003 EA 115 LB Unhoused Steel Spring Isolator	104.82	30.01
23 05 48 13-0004 EA 1,130 LB Unhoused Steel Spring Isolator	125.54	30.01
23 05 48 13-0005 Housed Stable Steel Spring Isolators (23 05 48 13)		
Note: Includes leveling adjustment, top plate, base plate and pad. For use with floor mounted equipment only. Mason Industries, Inc.		
23 05 48 13-0006 EA To 770 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	638.74	30.01
23 05 48 13-0007 EA To 1,040 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	727.85	30.01
23 05 48 13-0008 EA To 1,600 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	772.40	30.01
23 05 48 13-0009 EA To 2,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	950.62	30.01
23 05 48 13-0010 EA To 3,250 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 1" Deflection	995.17	30.01
23 05 48 13-0011 EA To 730 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	716.71	30.01
23 05 48 13-0012 EA To 930 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	794.68	30.01
23 05 48 13-0013 EA To 1,440 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	850.37	30.01
23 05 48 13-0014 EA To 1,860 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,106.56	30.01
23 05 48 13-0015 EA To 2,880 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,206.81	30.01
23 05 48 13-0016 EA To 3,720 LB Housed Hot Dipped Galvanized Steel Spring Isolator, 2" Deflection	1,440.71	30.01
23 05 48 13-0017 Vibration Isolators (23 05 48 13)		
23 05 48 13-0018 Spring And Rubber Hanger For 1" Deflection (23 05 48 13-0017)		
23 05 48 13-0019 EA 50 To 500 LB Rated Spring And Rubber Hanger For Vibration Isolation With 3/4" Max Rod Size	130.33	19.30
23 05 48 13-0020 EA 600 To 1,000 LB Rated Spring And Rubber Hanger For Vibration Isolation With 7/8" Max Rod Size	274.16	21.45
23 05 48 13-0021 Rubber-In-Shear Isolator Hanger (23 05 48 13-0017)		
23 05 48 13-0022 EA 45-340 LB Rubber In Shear Hanger 0.38" Deflection With <1/2" Rod Size	72.42	16.09

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 48 Vibration and Seismic Controls for HVAC**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0023	EA	130-700 LB Rubber In Shear Hanger 0.43" Deflection With <3/4" Rod Size	93.87	19.30
23 05 48 13-0024		Spring Hanger For 1" Deflection (23 05 48 13-0017)		
23 05 48 13-0025	EA	50 To 1,000 LB Rubber In Shear Hanger For 1" Deflection With <3/4" Rod Size	82.14	19.30
23 05 48 13-0026		Rubber-In-Shear Vibration Isolator (23 05 48 13-0017)		
23 05 48 13-0027	EA	45 To 340 LB Rubber In Shear Vibration Isolation With 0.38" Deflection	151.15	36.46
23 05 48 13-0028	EA	130 To 700 LB Rubber In Shear Vibration Isolation With 0.43" Deflection	206.45	36.46
23 05 48 13-0029	EA	550 To 1,920 LB Rubber In Shear Vibration Isolation With 0.48" Deflection	396.25	36.46
23 05 48 13-0030		Two-Piece Spring Type Vibration Isolator (23 05 48 13-0017)		
		Note: For equipment support aluminum construction 1/2" adjusting and leveling bolt 1" deflection.		
23 05 48 13-0031	EA	50 To 1,000 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	127.84	36.46
23 05 48 13-0032	EA	>1,000 To 1,600 LB Rated Load 2-Piece Isolator Spring Type Vibration Isolator	131.96	36.46
23 05 48 13-0033		Open Double Spring Type Vibration Isolator (23 05 48 13-0017)		
		Note: For equipment support 1" deflection neoprene pad and 5/8" stud bolt.		
23 05 48 13-0034	EA	150 To 450 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	99.51	18.22
23 05 48 13-0035	EA	500 To 1,000 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	99.51	18.22
23 05 48 13-0036	EA	1,100 To 1,600 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	113.25	18.22
23 05 48 13-0037	EA	1,700 To 2,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	113.25	18.22
23 05 48 13-0038	EA	2,500 To 3,400 LB Rated Load Open Isolator, Double Spring Type Vibration Isolator	175.39	18.22
23 05 48 13-0039		Isolation Pads (23 05 48 13-0017)		
23 05 48 13-0040		Laminated Neoprene And Cork Isolation Pad (23 05 48 13-0039)		
23 05 48 13-0041	EA	2" x 2", 1" Thick Laminated Neoprene And Cork Isolation Pad	6.75	2.68
23 05 48 13-0042	EA	3" x 3", 1" Thick Laminated Neoprene And Cork Isolation Pad	8.92	2.79
23 05 48 13-0043	EA	4" x 4", 1" Thick Laminated Neoprene And Cork Isolation Pad	11.43	2.89
23 05 48 13-0044	EA	12" x 12", 1" Thick Laminated Neoprene And Cork Isolation Pad	48.75	3.33
23 05 48 13-0045	EA	18" x 18", 1" Thick Laminated Neoprene And Cork Isolation Pad	94.47	3.75
23 05 48 13-0046		Neoprene And Steel Plate Isolation Pad (23 05 48 13-0039)		
23 05 48 13-0047	EA	6" x 4", 5/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	194.05	2.68
23 05 48 13-0048	EA	6" x 4", 7/8" Thick Steel Plate And Ribbed Neoprene Isolation Pad	214.97	2.68
23 05 48 13-0049		Neoprene Isolation Pad (23 05 48 13-0039)		
23 05 48 13-0050	EA	2" x 2", 3/8" Thick Ribbed Neoprene Isolation Pad	6.22	2.68
23 05 48 13-0051	EA	3" x 3", 3/8" Thick Ribbed Neoprene Isolation Pad	7.20	2.68
23 05 48 13-0052	EA	4" x 4", 3/8" Thick Ribbed Neoprene Isolation Pad	8.80	2.68
23 05 48 13-0053	EA	12" x 12", 3/8" Thick Ribbed Neoprene Isolation Pad	47.94	3.22
23 05 48 13-0054	EA	18" x 18", 3/8" Thick Ribbed Neoprene Isolation Pad	88.68	3.75
23 05 48 13-0055		Threaded Flexible Bronze Hose Connectors (23 05 48 13)		
		Note: Includes hex threaded nipple ends.		
23 05 48 13-0056	EA	3/8" Diameter x 9" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	70.08	17.15
23 05 48 13-0057	EA	1/2" Diameter x 10" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	82.10	23.58
23 05 48 13-0058	EA	3/4" Diameter x 11" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	100.79	28.95
23 05 48 13-0059	EA	1" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	117.29	34.31
23 05 48 13-0060	EA	1-1/4" Diameter x 12" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	134.47	45.03
23 05 48 13-0061	EA	1-1/2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	151.46	47.92
23 05 48 13-0062	EA	2" Diameter x 14" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	202.79	56.82
23 05 48 13-0063	EA	2-1/2" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	279.92	88.56
23 05 48 13-0064	EA	3" Diameter x 16" Flexible Hose Connection, For Vibration Isolation, Bronze Hose With Hex Threaded Nipple Ends	946.85	105.39
23 05 48 13-0065		Weld End Flexible Hose Connectors (23 05 48 13)		
23 05 48 13-0066	EA	1/2" Diameter x 10" Flexible Hose Connection, Weld Ends	253.26	61.54
23 05 48 13-0067	EA	3/4" Diameter x 10" Flexible Hose Connection, Weld Ends	296.63	67.55
23 05 48 13-0068	EA	1" Diameter x 10" Flexible Hose Connection, Weld Ends	335.42	71.52
23 05 48 13-0069	EA	1-1/4" Diameter x 11" Flexible Hose Connection, Weld Ends	374.76	81.49
23 05 48 13-0070	EA	1-1/2" Diameter x 12" Flexible Hose Connection, Weld Ends	425.95	87.92
23 05 48 13-0071	EA	2" Diameter x 14" Flexible Hose Connection, Weld Ends	533.98	114.40
23 05 48 13-0072	EA	2-1/2" Diameter x 16" Flexible Hose Connection, Weld Ends	810.37	128.67
23 05 48 13-0073	EA	3" Diameter x 16" Flexible Hose Connection, Weld Ends	1,003.68	144.74

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 05 48 13-0074	EA	4" Diameter x 18" Flexible Hose Connection, Weld Ends.....	1,385.70	214.44
23 05 48 13-0075		Flanged Flexible Hose Connectors (23 05 48 13)		
23 05 48 13-0076		Flanged Flexible Molded Rubber Hose Connectors (23 05 48 13-0075)		
		Note: With helical wire reinforcement 150 PSI.		
23 05 48 13-0077	EA	1-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	212.59	80.41
23 05 48 13-0078	EA	2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	230.02	89.31
23 05 48 13-0079	EA	2-1/2" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	374.10	178.42
23 05 48 13-0080	EA	3" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	518.09	265.37
23 05 48 13-0081	EA	4" Diameter x 12" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	675.06	342.56
23 05 48 13-0082	EA	6" Diameter x 18" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	858.37	356.26
23 05 48 13-0083	EA	8" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	1,043.54	406.89
23 05 48 13-0084	EA	10" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	1,351.60	484.22
23 05 48 13-0085	EA	12" Diameter x 24" Molded Rubber Connectors With Helical Wire Reinforcement 150 PSI.....	3,272.84	605.63
23 05 48 13-0086		Flanged Flexible Corrugated Stainless Steel Hose Connectors (23 05 48 13-0075)		
		Note: With braided metal wire.		
23 05 48 13-0087	EA	1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	165.49	73.12
23 05 48 13-0088	EA	1" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	160.64	100.57
23 05 48 13-0089	EA	1-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	308.83	134.02
23 05 48 13-0090	EA	2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	400.74	201.03
23 05 48 13-0091	EA	2-1/2" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	430.96	221.19
23 05 48 13-0092	EA	3" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	500.77	267.84
23 05 48 13-0093	EA	4" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	641.16	342.88
23 05 48 13-0094	EA	6" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	884.24	426.65
23 05 48 13-0095	EA	8" Diameter x 12" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	1,445.66	570.00
23 05 48 13-0096	EA	10" Diameter x 13" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	1,701.54	659.12
23 05 48 13-0097	EA	12" Diameter x 14" Metal Wire Braid Connector, Over Corrugated Stainless Steel, 150 PSI For Vibration Isolation.....	2,189.88	712.51
23 05 48 13-0098		Flanged Flexible Molded Teflon Hose Connectors (23 05 48 13-0075)		
		Note: 150 PSI.		
23 05 48 13-0099	EA	2-1/2" Diameter x 3-3/16" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	927.21	155.47
23 05 48 13-0100	EA	3" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	1,039.93	182.28
23 05 48 13-0101	EA	4" Diameter x 3-5/8" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	1,575.96	306.34
23 05 48 13-0102	EA	6" Diameter x 4" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	1,914.87	356.26
23 05 48 13-0103	EA	8" Diameter x 6" Molded Teflon Connectors With Stainless Steel Flanges, 150 PSI, For Vibration Isolation.....	2,517.53	437.01
23 05 48 13-0104		Flexible Hose Connectors Braided Metal Hose Type (23 05 48 13)		
23 05 48 13-0105		Braided Metal Hose Type Flexible Bronze Hose Connectors (23 05 48 13-0104)		
		Note: MPT connection.		
23 05 48 13-0106	EA	1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	36.69	2.15
23 05 48 13-0107	EA	1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	43.86	2.15
23 05 48 13-0108	EA	1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	48.80	2.79
23 05 48 13-0109	EA	1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	59.37	2.79
23 05 48 13-0110	EA	3/4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	49.12	2.57
23 05 48 13-0111	EA	3/4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	59.36	2.57
23 05 48 13-0112	EA	3/4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	67.91	3.32
23 05 48 13-0113	EA	3/4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	83.85	3.32
23 05 48 13-0114	EA	1" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	67.04	3.00
23 05 48 13-0115	EA	1" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	73.32	3.00
23 05 48 13-0116	EA	1" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	87.11	3.97
23 05 48 13-0117	EA	1" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	110.42	3.97
23 05 48 13-0118	EA	1" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	133.56	3.97
23 05 48 13-0119	EA	1" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	156.77	3.97
23 05 48 13-0120	EA	1-1/4" Or 1-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	95.50	3.85
23 05 48 13-0121	EA	1-1/4" Or 1-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	105.28	3.85
23 05 48 13-0122	EA	1-1/4" Or 1-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	135.11	3.85
23 05 48 13-0123	EA	1-1/4" Or 1-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	187.86	5.13
23 05 48 13-0124	EA	1-1/4" Or 1-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	217.91	5.13
23 05 48 13-0125	EA	1-1/4" Or 1-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	257.90	5.13
23 05 48 13-0126	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	130.76	4.64
23 05 48 13-0127	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	151.21	4.64
23 05 48 13-0128	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	190.82	4.64
23 05 48 13-0129	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	254.49	6.22
23 05 48 13-0130	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	314.85	6.22
23 05 48 13-0131	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	375.16	6.22
23 05 48 13-0132	EA	2-1/2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	181.59	5.83
23 05 48 13-0133	EA	2-1/2" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	206.78	5.52
23 05 48 13-0134	EA	2-1/2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	232.22	5.52
23 05 48 13-0135	EA	2-1/2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	286.36	7.40
23 05 48 13-0136	EA	2-1/2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	337.52	7.40
23 05 48 13-0137	EA	2-1/2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	387.08	7.40
23 05 48 13-0138	EA	3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	286.38	7.40
23 05 48 13-0139	EA	3" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection.....	320.36	7.40

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 48 Vibration and Seismic Controls for HVAC**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0140	EA	3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,557.63	7.40
23 05 48 13-0141	EA	3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	1,873.61	9.87
23 05 48 13-0142	EA	3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	496.16	9.87
23 05 48 13-0143	EA	3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	563.03	9.87
23 05 48 13-0144	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	523.79	8.47
23 05 48 13-0145	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	563.50	8.47
23 05 48 13-0146	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	603.20	8.47
23 05 48 13-0147	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	689.53	11.29
23 05 48 13-0148	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	768.64	11.29
23 05 48 13-0149	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, MPT Connection	849.45	11.29
23 05 48 13-0150		Braided Stainless Steel Flexible Hose Connectors <small>(23 05 48 13-0104)</small>		
		Note: Over braided carbon steel connection.		
23 05 48 13-0151	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	155.83	4.71
23 05 48 13-0152	EA	2" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	188.32	4.71
23 05 48 13-0153	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	220.19	4.71
23 05 48 13-0154	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	288.20	6.32
23 05 48 13-0155	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	352.82	6.32
23 05 48 13-0156	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	417.36	6.32
23 05 48 13-0157	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	176.62	5.52
23 05 48 13-0158	EA	2-1/2" Or 3" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	210.58	5.52
23 05 48 13-0159	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	244.69	5.52
23 05 48 13-0160	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	316.99	7.40
23 05 48 13-0161	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	384.93	7.40
23 05 48 13-0162	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	451.93	7.40
23 05 48 13-0163	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	187.37	7.40
23 05 48 13-0164	EA	4" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	226.27	7.60
23 05 48 13-0165	LF	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	265.73	7.40
23 05 48 13-0166	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	351.92	9.87
23 05 48 13-0167	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	430.40	9.87
23 05 48 13-0168	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	511.11	9.87
23 05 48 13-0169	EA	6" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	377.88	14.43
23 05 48 13-0170	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	557.77	14.53
23 05 48 13-0171	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	748.04	19.14
23 05 48 13-0172	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	928.01	19.14
23 05 48 13-0173	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,107.93	19.14
23 05 48 13-0174	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	654.82	17.25
23 05 48 13-0175	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	790.93	17.25
23 05 48 13-0176	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,072.37	22.43
23 05 48 13-0177	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,342.37	22.43
23 05 48 13-0178	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,612.30	22.43
23 05 48 13-0179	EA	10" Diameter x 18" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	701.28	21.56
23 05 48 13-0180	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,041.56	21.56
23 05 48 13-0181	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,395.13	28.08
23 05 48 13-0182	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,736.59	28.08
23 05 48 13-0183	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,076.62	28.08
23 05 48 13-0184	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,392.32	26.07
23 05 48 13-0185	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	1,816.98	26.07

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 48 13-0186	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,273.00	35.08
23 05 48 13-0187	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	2,701.39	35.08
23 05 48 13-0188	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Stainless Steel Over Braided Carbon Steel Connection, Welded	3,131.78	35.08
23 05 48 13-0189		Braided Metal Hose Type Flexible Bronze Hose Connectors <small>(23 05 48 13-0104)</small> Note: Flanged end connection (carbon steel ends).		
23 05 48 13-0190	EA	2" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	690.44	4.64
23 05 48 13-0191	EA	2" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,138.53	131.56
23 05 48 13-0192	EA	2" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,432.97	131.56
23 05 48 13-0193	EA	2" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,727.40	131.56
23 05 48 13-0194	EA	2" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,021.96	131.56
23 05 48 13-0195	EA	2-1/2" Or 3" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	980.87	167.79
23 05 48 13-0196	EA	2-1/2" Or 3" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,291.14	167.79
23 05 48 13-0197	EA	2-1/2" Or 3" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,601.52	167.79
23 05 48 13-0198	EA	2-1/2" Or 3" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,912.03	167.79
23 05 48 13-0199	EA	2-1/2" Or 3" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,217.10	167.79
23 05 48 13-0200	EA	4" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,302.13	281.28
23 05 48 13-0201	EA	4" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	1,664.29	281.99
23 05 48 13-0202	EA	4" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,032.34	281.28
23 05 48 13-0203	EA	4" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,443.84	281.28
23 05 48 13-0204	EA	4" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,758.27	281.28
23 05 48 13-0205	EA	6" Diameter x 12" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,121.26	360.80
23 05 48 13-0206	EA	6" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	2,941.83	360.80
23 05 48 13-0207	EA	6" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,762.86	362.10
23 05 48 13-0208	EA	6" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,583.54	360.80
23 05 48 13-0209	EA	6" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	5,404.11	360.80
23 05 48 13-0210	EA	8" Diameter x 18" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	3,716.93	440.87
23 05 48 13-0211	EA	8" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	4,337.70	440.87
23 05 48 13-0212	EA	8" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	5,568.49	440.87
23 05 48 13-0213	EA	8" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	6,799.75	440.87
23 05 48 13-0214	EA	8" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	8,030.43	440.87
23 05 48 13-0215	EA	10" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	6,319.31	536.72
23 05 48 13-0216	EA	10" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	7,865.93	536.72
23 05 48 13-0217	EA	10" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	9,422.94	536.72
23 05 48 13-0218	EA	10" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	10,976.60	536.72
23 05 48 13-0219	EA	10" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	12,232.24	536.72
23 05 48 13-0220	EA	12" Diameter x 24" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	8,681.35	651.73
23 05 48 13-0221	EA	12" Diameter x 36" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	10,643.97	651.73
23 05 48 13-0222	EA	12" Diameter x 48" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	12,606.47	651.73
23 05 48 13-0223	EA	12" Diameter x 60" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	14,568.97	651.73
23 05 48 13-0224	EA	12" Diameter x 72" Long, Flexible Hose Connectors, Braided Metal Hose, Bronze, Flanged End Connection (Carbon Steel Ends).....	16,531.58	651.73

23 05 53 Identification for HVAC Piping and Equipment (23 05)

23 05 53 00-0001 Systems Identification (23 05 53)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 53 Identification for HVAC Piping and Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 53 00-0002	Pipe Marker Snap-On Type Plastic <small>(23 05 53 00-0001)</small>		
	Note: Outside diameters of insulation where necessary.		
23 05 53 00-0003	EA 1/2" Outside Diameter Snap-On Plastic Marker.....	19.21	
23 05 53 00-0004	EA 3/4" Outside Diameter Snap-On Plastic Marker.....	19.48	
23 05 53 00-0005	EA 1" Outside Diameter Snap-On Plastic Marker.....	19.62	
23 05 53 00-0006	EA 1-1/4" Outside Diameter Snap-On Plastic Marker.....	19.91	
23 05 53 00-0007	EA 1-1/2" Outside Diameter Snap-On Plastic Marker.....	23.23	
23 05 53 00-0008	EA 2" Outside Diameter Snap-On Plastic Marker.....	23.71	
23 05 53 00-0009	EA 2-1/2" Outside Diameter Snap-On Plastic Marker.....	38.02	
23 05 53 00-0010	EA 3" Outside Diameter Snap-On Plastic Marker.....	38.41	
23 05 53 00-0011	EA 3-1/2" Outside Diameter Snap-On Plastic Marker.....	38.82	
23 05 53 00-0012	EA 4" Outside Diameter Snap-On Plastic Marker.....	39.04	
23 05 53 00-0013	EA 4-1/2" Outside Diameter Snap-On Plastic Marker.....	39.26	
23 05 53 00-0014	EA 5" Outside Diameter Snap-On Plastic Marker.....	39.50	
23 05 53 00-0015	EA 6" Outside Diameter Snap-On Plastic Marker.....	41.40	
23 05 53 00-0016	EA 7" Outside Diameter Snap-On Plastic Marker.....	41.66	
23 05 53 00-0017	EA 8" Outside Diameter Snap-On Plastic Marker.....	51.48	
23 05 53 00-0018	EA 10" Outside Diameter Snap-On Plastic Marker.....	53.18	
23 05 53 00-0019	EA 12" Outside Diameter Snap-On Plastic Marker.....	61.22	
23 05 53 00-0020	EA 14" Outside Diameter Snap-On Plastic Marker.....	70.21	
23 05 53 00-0021	Pipe Markers Pressure-Sensitive <small>(23 05 53 00-0001)</small>		
	Note: Outside diameter includes insulation where necessary.		
23 05 53 00-0022	EA 1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.01	
23 05 53 00-0023	EA 3/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	13.54	
23 05 53 00-0024	EA 1" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	14.62	
23 05 53 00-0025	EA 1-1/4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	14.83	
23 05 53 00-0026	EA 1-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	15.95	
23 05 53 00-0027	EA 2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	16.28	
23 05 53 00-0028	EA 2-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	18.59	
23 05 53 00-0029	EA 3" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	19.01	
23 05 53 00-0030	EA 3-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	19.33	
23 05 53 00-0031	EA 4" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	19.67	
23 05 53 00-0032	EA 4-1/2" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	20.33	
23 05 53 00-0033	EA 5" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	21.06	
23 05 53 00-0034	EA 6" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	21.68	
23 05 53 00-0035	EA 7" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	22.31	
23 05 53 00-0036	EA 8" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	24.86	
23 05 53 00-0037	EA 10" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	26.04	
23 05 53 00-0038	EA 12" Outside Diameter Press-Sensitive Marker Stick-on With Arrow Tape Over Insulation.....	30.57	
23 05 53 00-0039	Valve Identification Tag <small>(23 05 53 00-0001)</small>		
	Note: Includes beaded chain and/or "S" hook.		
23 05 53 00-0040	EA 2" Diameter Identification Tag, Brass.....	11.35	
23 05 53 00-0041	EA 1-1/2" Diameter Identification Tag, Plastic.....	10.62	
23 05 53 00-0042	EA 1-1/2" Diameter Identification Tag, Brass.....	10.39	

23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment (23 05)

23 05 66 00-0001	Double Ended Ultraviolet HVAC Microbial Control Fixtures <small>(23 05 66)</small>		
23 05 66 00-0002	EA 18" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-181-VO).....	1,023.51	72.46
	Note: Includes tube.		
23 05 66 00-0003	EA 24" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-241-VO).....	1,068.32	76.04
	Note: Includes tube.		
23 05 66 00-0004	EA 30" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-301-VO).....	1,070.23	79.30
	Note: Includes tube.		
23 05 66 00-0005	EA 36" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-361-VO).....	1,120.25	83.32
	Note: Includes tube.		
23 05 66 00-0006	EA 42" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-421-VO).....	1,213.30	86.90
	Note: Includes tube.		
23 05 66 00-0007	EA 62" Double Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire DE-621-VO).....	1,088.25	89.62
	Note: Includes tube.		
23 05 66 00-0008	Single Ended Ultraviolet HVAC Microbial Control Fixtures <small>(23 05 66)</small>		
23 05 66 00-0009	EA 12" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-121-VO).....	858.28	50.18
	Note: Includes tube.		
23 05 66 00-0010	EA 16" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-161-VO).....	868.96	54.31
	Note: Includes tube.		
23 05 66 00-0011	EA 20" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-201-VO).....	890.14	57.57
	Note: Includes tube.		
23 05 66 00-0012	EA 24" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-241-VO).....	900.08	61.92
	Note: Includes tube.		
23 05 66 00-0013	EA 30" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-301-VO).....	922.00	65.18
	Note: Includes tube.		
23 05 66 00-0014	EA 36" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-361-VO).....	937.93	68.44
	Note: Includes tube.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0015 EA 42" Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SE-421-VO) Note: Includes tube.	959.12	72.78
23 05 66 00-0016 EA 12" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-121-VO) Note: Includes tube.	980.56	50.18
23 05 66 00-0017 EA 16" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-161-VO) Note: Includes tube.	991.24	54.31
23 05 66 00-0018 EA 20" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-201-VO) Note: Includes tube.	1,012.42	57.57
23 05 66 00-0019 EA 24" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-241-VO) Note: Includes tube.	1,022.36	61.92
23 05 66 00-0020 EA 30" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-301-VO) Note: Includes tube.	1,044.28	65.18
23 05 66 00-0021 EA 36" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-361-VO) Note: Includes tube.	1,060.21	68.44
23 05 66 00-0022 EA 42" NEMA 4X Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire SEN-421-VO) Note: Includes tube.	1,081.40	72.78
23 05 66 00-0023 EA 16" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-161-VO) Note: Includes tube.	677.55	54.31
23 05 66 00-0024 EA 20" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-201-VO) Note: Includes tube.	698.73	57.57
23 05 66 00-0025 EA 24" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-241-VO) Note: Includes tube.	708.67	61.92
23 05 66 00-0026 EA 30" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-301-VO) Note: Includes tube.	730.59	65.18
23 05 66 00-0027 EA 36" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-361-VO) Note: Includes tube.	746.52	68.44
23 05 66 00-0028 EA 42" Residential Type Single Ended Ultraviolet HVAC Microbial Control Fixture (Steril-Aire RSE-421-VO) Note: Includes tube.	767.71	72.78
23 05 66 00-0029 Fan Coil Unit Ultraviolet Microbial Control Fixtures <small>(23 05 66)</small>		
23 05 66 00-0030 EA 16" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	622.44	69.52
23 05 66 00-0031 EA 20" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	635.48	72.78
23 05 66 00-0032 EA 24" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	648.50	76.04
23 05 66 00-0033 EA 30" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	666.45	79.30
23 05 66 00-0034 EA 36" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	690.02	83.32
23 05 66 00-0035 EA 42" Fan Coil Unit Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	710.64	86.90
23 05 66 00-0036 Ultraviolet HVAC Microbial Control Replacement Parts <small>(23 05 66)</small>		
23 05 66 00-0037 EA 18" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-16-VO) Note: Includes tube.	164.57	
23 05 66 00-0038 EA 24" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-22-VO) Note: Includes tube.	173.10	
23 05 66 00-0039 EA 30" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-28-VO) Note: Includes tube.	197.40	
23 05 66 00-0040 EA 36" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-34-VO) Note: Includes tube.	228.73	
23 05 66 00-0041 EA 42" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-40-VO) Note: Includes tube.	260.75	
23 05 66 00-0042 EA 62" Double Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTD-60-VO) Note: Includes tube.	252.10	
23 05 66 00-0043 EA 12" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-12-VO) Note: Includes tube.	118.40	
23 05 66 00-0044 EA 16" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-16-VO) Note: Includes tube.	124.73	
23 05 66 00-0045 EA 20" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-20-VO) Note: Includes tube.	141.57	
23 05 66 00-0046 EA 24" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-24-VO) Note: Includes tube.	147.16	
23 05 66 00-0047 EA 30" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-30-VO) Note: Includes tube.	164.74	
23 05 66 00-0048 EA 36" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-36-VO) Note: Includes tube.	176.33	
23 05 66 00-0049 EA 42" Single Ended Ultraviolet HVAC Microbial Control Tube Replacement (Steril-Aire GTS-42-VO) Note: Includes tube.	193.17	
23 05 66 00-0050 EA Removal And Replacement Of Power Supply For Ultraviolet Microbial Control Fixture (Steril-Aire) Note: Includes tube.	487.49	
23 05 66 00-0051 Ultraviolet HVAC Microbial Control Mounting Accessories <small>(23 05 66)</small>		
23 05 66 00-0052 EA Two Spring Clip, 61" Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006610) Note: Includes 61" emitter, power supply, wires and connectors.	665.73	
23 05 66 00-0053 EA Two Spring Clip, 61" Sleeved Emitter Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 11006620) Note: Includes 61" emitter, power supply, wires and connectors.	858.46	
23 05 66 00-0054 EA Two Spring Clip, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-1) Note: Includes power supply, wires and connectors. Excludes emitter.	380.69	
23 05 66 00-0055 EA Two Short Hook Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-2) Note: Includes power supply, wires and connectors. Excludes emitter.	404.29	
23 05 66 00-0056 EA Flat Plate For Metal, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-3) Note: Includes power supply, wires and connectors. Excludes emitter.	534.95	
23 05 66 00-0057 EA Flat Plate For Plastic, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-4) Note: Includes power supply, wires and connectors. Excludes emitter.	327.77	
23 05 66 00-0058 EA Insert Lamp Holder, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-5) Note: Includes power supply, wires and connectors. Excludes emitter.	356.79	
23 05 66 00-0059 EA 16" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-6) Note: Includes power supply, wires and connectors. Excludes emitter.	460.95	
23 05 66 00-0060 EA 12" U-Bracket, Air Handler Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 10000166-7) Note: Includes power supply, wires and connectors. Excludes emitter.	454.25	
23 05 66 00-0061 LF 30 x 30 mm Framing Structure For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000101) Note: Includes power supply, wires and connectors. Excludes emitter.	17.02	
23 05 66 00-0062 EA Vertical Support Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000111) Note: Includes power supply, wires and connectors. Excludes emitter.	56.80	
23 05 66 00-0063 EA Joint Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000112) Note: Includes power supply, wires and connectors. Excludes emitter.	18.95	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 66 Anti-Microbial Ultraviolet Emitters for HVAC Ducts and Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 66 00-0064 EA Emitter Mounting Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000113).....	17.78	
23 05 66 00-0065 EA Foundation Bracket FB 8WA For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000104)	52.02	
23 05 66 00-0066 EA Slider Assembly Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000114).....	64.55	
23 05 66 00-0067 EA Splice Kit For Horizontal Rows For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000108)	57.11	
23 05 66 00-0068 EA Gusset Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000115)	45.95	
23 05 66 00-0069 EA ISO "A" Bracket Hanger For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 15000109)	43.29	
23 05 66 00-0070 EA DE Boot Kit UV Resistant For 1 DE Fixture For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000223)	22.46	
23 05 66 00-0071 EA DE Wiring Kit For Up To 65" (DE Bank Install) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000603)	48.93	
23 05 66 00-0072 EA Cleaning Kit For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000100)	22.56	
23 05 66 00-0073 EA 480 To 220 Volt AC / 180 VA Step-Down Transformer For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000503)	93.26	
23 05 66 00-0074 EA Interlock Switch (16 Amps At 125 Volt, 10 Amperes At 250 Volt Maximum Ampacity) For Ultraviolet HVAC Microbial Control Tube (Steril-Aire 90000120).....	98.26	
23 05 66 00-0075 Ultraviolet Duct Disinfection Unit (eLEDLights) (23 05 66)		
23 05 66 00-0076 EA Two 12" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V12-P1)	1,378.55	100.48
23 05 66 00-0077 EA Two 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V18-P1)	1,543.70	105.91
23 05 66 00-0078 EA Two 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V24-P1)	1,600.61	114.06
23 05 66 00-0079 EA Two 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V30-P1)	1,673.75	122.21
23 05 66 00-0080 EA Two 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V36-P1)	1,722.53	130.35
23 05 66 00-0081 EA Two 48" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD2L120V48-P1)	2,082.60	135.78
23 05 66 00-0082 EA Four 18" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V18-P1)	2,094.32	105.91
23 05 66 00-0083 EA Four 24" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V24-P1)	2,175.59	114.06
23 05 66 00-0084 EA Four 30" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V30-P1)	2,516.73	122.21
23 05 66 00-0085 EA Four 36" Lamps, Duct Mounted, UVC Air Duct Disinfection Unit (eLEDLights UVAD4L120V36-P1)	2,614.24	130.35
23 05 66 00-0086 Ultraviolet Germicidal Airborne Duct System (Fresh-Aire UV) (23 05 66)		
Note: Includes 2 Year Warranty		
23 05 66 00-0087 EA Two 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-218D-HO)	1,005.82	105.91
23 05 66 00-0088 EA Four 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-218Q-HO)	1,709.82	105.91
23 05 66 00-0089 EA Six 18" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-218H-HO)	2,414.76	105.91
23 05 66 00-0090 EA Two 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-224D-HO)	1,033.50	114.06
23 05 66 00-0091 EA Four 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-224Q-HO)	1,746.96	114.06
23 05 66 00-0092 EA Six 24" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-224H-HO)	2,461.38	114.06
23 05 66 00-0093 EA Two 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-232D-HO)	1,059.26	122.21
23 05 66 00-0094 EA Four 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-232Q-HO)	1,784.10	122.21
23 05 66 00-0095 EA Six 32" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-232H-HO)	2,507.99	122.21
23 05 66 00-0096 EA Two 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-246D-HO)	1,172.64	135.78
23 05 66 00-0097 EA Four 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-246Q-HO)	1,966.65	135.78
23 05 66 00-0098 EA Six 46" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-246H-HO)	2,760.65	135.78
23 05 66 00-0099 EA Two 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-260D-HO)	1,373.19	149.37
23 05 66 00-0100 EA Four 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-260Q-HO)	2,341.54	149.37
23 05 66 00-0101 EA Six 60" Lamps, Duct Mounted, High Output Airborne Disinfection System (Fresh-Aire UV TUVV-ADS-260H-HO)	3,308.94	149.37
23 05 93 Testing, Adjusting, and Balancing for HVAC (23 05)		
Note: Includes all necessary testing, startup, and checkout. Use these tasks for testing, startup, and checkout of existing systems or for third party testing and report when required.		
23 05 93 00-0001 Heating And Ventilating Equipment (23 05 93)		
23 05 93 00-0002 EA Balancing Centrifugal Fans.....	609.59	
For Testing Of Unit Without Balancing, Deduct	-304.80	
23 05 93 00-0003 EA Balancing Heating And Ventilating Units.....	761.68	
For Testing Of Unit Without Balancing, Deduct	-380.84	
23 05 93 00-0004 EA Balancing In Line Fan.....	685.78	
For Testing Of Unit Without Balancing, Deduct	-342.89	
23 05 93 00-0005 EA Balancing Propeller And Wall Fan	152.39	
For Testing Of Unit Without Balancing, Deduct	-76.20	
23 05 93 00-0006 EA Balancing Roof Exhaust Fan	457.16	
For Testing Of Unit Without Balancing, Deduct	-228.58	
23 05 93 00-0007 EA Balancing Wall Fan.....	114.27	
For Testing Of Unit Without Balancing, Deduct	-57.14	
23 05 93 00-0008 EA Balancing Fan Section Exhaust.....	608.61	
For Testing Of Unit Without Balancing, Deduct	-304.31	
23 05 93 00-0009 Air Conditioning Equipment (23 05 93)		
23 05 93 00-0010 EA Balancing Constant Volume Air Handling Unit.....	790.05	
For Testing Of Unit Without Balancing, Deduct	-395.03	
23 05 93 00-0011 EA Balancing Package A/C Unit.....	296.27	
For Testing Of Unit Without Balancing, Deduct	-148.14	
23 05 93 00-0012 EA Balancing Rooftop Heat And Cool Unit.....	395.03	
For Testing Of Unit Without Balancing, Deduct	-197.52	
23 05 93 00-0013 EA Balancing Variable Volume Air Handling Unit.....	1,382.58	
For Testing Of Unit Without Balancing, Deduct	-691.29	
23 05 93 00-0014 Registers, Diffusers, Terminal Air Units And Dampers (23 05 93)		
23 05 93 00-0015 EA Balancing HVAC Duct System, Ceiling Height To 12' Supply, Return, Exhaust, Register And Diffuser	114.29	
For Testing Of Unit Without Balancing, Deduct	-57.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0016 EA Balancing HVAC Duct System, Ceiling Height >12' Supply, Return, Exhaust, Register And Diffuser <i>For Testing Of Unit Without Balancing, Deduct</i>	190.50 -95.25	
23 05 93 00-0017 EA Balancing HVAC Duct System, Floor Height Supply, Return, Exhaust, Register And Diffuser <i>For Testing Of Unit Without Balancing, Deduct</i>	99.05 -49.53	
23 05 93 00-0018 EA Balance Variable Air Volume Box <i>For Testing Of Unit Without Balancing, Deduct</i>	107.32 -53.66	
23 05 93 00-0019 EA Balance Constant Volume Box <i>For Testing Of Unit Without Balancing, Deduct</i>	107.32 -53.66	
23 05 93 00-0020 EA Balance Fan Powered Box <i>For Testing Of Unit Without Balancing, Deduct</i>	121.91 -60.96	
23 05 93 00-0021 EA Balance Lab Fume Hood <i>For Testing Of Unit Without Balancing, Deduct</i>	495.31 -247.66	
23 05 93 00-0022 EA Balance General Hood <i>For Testing Of Unit Without Balancing, Deduct</i>	380.99 -190.50	
23 05 93 00-0023 EA Balance Induction Unit..... <i>For Testing Of Unit Without Balancing, Deduct</i>	228.61 -114.31	
23 05 93 00-0024 EA Balance Moduline - Master <i>For Testing Of Unit Without Balancing, Deduct</i>	91.41 -45.71	
23 05 93 00-0025 EA Balance Moduline - Slave <i>For Testing Of Unit Without Balancing, Deduct</i>	45.72 -22.86	
23 05 93 00-0026 EA Balance Dampers <i>For Testing Of Unit Without Balancing, Deduct</i>	42.45 -21.23	
23 05 93 00-0027 EA Balance Regenerators..... <i>For Testing Of Unit Without Balancing, Deduct</i>	608.61 -304.31	
23 05 93 00-0028 Water Balancing Of Components (23 05 93)		
23 05 93 00-0029 EA Water Balance, Air Cool Condenser <i>For Testing Of Unit Without Balancing, Deduct</i>	543.21 -271.61	
23 05 93 00-0030 EA Water Balance, Cabinet Heater <i>For Testing Of Unit Without Balancing, Deduct</i>	69.13 -34.57	
23 05 93 00-0031 EA Water Balance, Chiller, Air Cooled <i>For Testing Of Unit Without Balancing, Deduct</i>	592.49 -296.25	
23 05 93 00-0032 EA Water Balance, Chiller, Water Cooled <i>For Testing Of Unit Without Balancing, Deduct</i>	790.05 -395.03	
23 05 93 00-0033 EA Water Balance, Cooling Tower <i>For Testing Of Unit Without Balancing, Deduct</i>	395.03 -197.52	
23 05 93 00-0034 EA Water Balance, Fan Coil And Vent <i>For Testing Of Unit Without Balancing, Deduct</i>	98.82 -49.41	
23 05 93 00-0035 EA Water Balance, Fin Tube And Radiant Panel <i>For Testing Of Unit Without Balancing, Deduct</i>	98.76 -49.38	
23 05 93 00-0036 EA Water Balance, Main And Duct Re-Heat Coil <i>For Testing Of Unit Without Balancing, Deduct</i>	108.63 -54.32	
23 05 93 00-0037 EA Water Balance, Pumps <i>For Testing Of Unit Without Balancing, Deduct</i>	296.28 -148.14	
23 05 93 00-0038 EA Water Balance, Unit Heater <i>For Testing Of Unit Without Balancing, Deduct</i>	69.13 -34.57	
23 05 93 00-0039 EA Water Balancing, Converter..... <i>For Testing Of Unit Without Balancing, Deduct</i>	296.39 -148.20	
23 05 93 00-0040 EA Water Balancing, Cocks And Valves <i>For Testing Of Unit Without Balancing, Deduct</i>	49.37 -24.69	
23 05 93 00-0041 EA Water Balance, Convectector..... <i>For Testing Of Unit Without Balancing, Deduct</i>	59.25 -29.63	
23 05 93 00-0042 EA Water Balancing, Backflow Preventer Or Reduced Pressure Zone Valves <i>For Testing Of Unit Without Balancing, Deduct</i>	74.07 -37.04	
23 05 93 00-0043 EA Water Balance, Boiler, Up To 500 MBH <i>For Testing Of Unit Without Balancing, Deduct</i>	641.91 -320.96	
23 05 93 00-0044 EA >500 To 1,000 MBH, Water Balance, Boiler <i>For Testing Of Unit Without Balancing, Deduct</i>	1,185.08 -592.54	
23 05 93 00-0045 EA >1,000 MBH, Water Balance, Boiler <i>For Testing Of Unit Without Balancing, Deduct</i>	2,172.64 -1,086.32	
23 05 93 00-0046 Non-Destructive Testing (23 05 93)		
23 05 93 00-0047 X-Ray Welds, Non-Destructive Testing (23 05 93 00-0046)		
23 05 93 00-0048 Minimum Charge For X-Ray Welds (23 05 93 00-0047)		
23 05 93 00-0049 EA X-Ray Welds Minimum Set-Up Charge Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	920.85	
23 05 93 00-0050 Piping, X-Ray Welds, Non-Destructive Testing (23 05 93 00-0047)		
23 05 93 00-0051 EA Up To 3/4" Piping, X-Ray Welds, Non-Destructive Testing.....	83.60	
23 05 93 00-0052 EA 1" Piping, X-Ray Welds, Non-Destructive Testing	95.02	
23 05 93 00-0053 EA 1-1/4" - 1-1/2" Piping, X-Ray Welds, Non-Destructive Testing.....	106.45	
23 05 93 00-0054 EA 2" Piping, X-Ray Welds, Non-Destructive Testing	112.53	
23 05 93 00-0055 EA 3" Piping, X-Ray Welds, Non-Destructive Testing	118.60	
23 05 93 00-0056 EA 4" Piping, X-Ray Welds, Non-Destructive Testing	125.38	
23 05 93 00-0057 EA 6" Piping, X-Ray Welds, Non-Destructive Testing	137.52	
23 05 93 00-0058 EA 8" Piping, X-Ray Welds, Non-Destructive Testing	149.67	
23 05 93 00-0059 EA 10" Piping, X-Ray Welds, Non-Destructive Testing	156.45	
23 05 93 00-0060 EA 12" Piping, X-Ray Welds, Non-Destructive Testing	163.23	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 05 Common Work Results for HVAC****23 05 93 Testing, Adjusting, and Balancing for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 05 93 00-0061		Liquid Penetration Of Welds, Non-Destructive Testing <small>(23 05 93 00-0046)</small>		
23 05 93 00-0062		Piping, Liquid Penetration Of Welds, Non-Destructive Testing <small>(23 05 93 00-0061)</small>		
23 05 93 00-0063	EA	Up To 3/4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	112.67	
23 05 93 00-0064	EA	1" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	118.03	
23 05 93 00-0065	EA	1-1/4" - 1-1/2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	123.39	
23 05 93 00-0066	EA	2" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	126.07	
23 05 93 00-0067	EA	3" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	130.10	
23 05 93 00-0068	EA	4" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	134.12	
23 05 93 00-0069	EA	6" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	142.15	
23 05 93 00-0070	EA	8" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	150.19	
23 05 93 00-0071	EA	10" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	158.24	
23 05 93 00-0072	EA	12" Piping, Liquid Penetration Of Welds, Non-Destructive Testing	166.28	
23 05 93 00-0073		Hydrostatic Testing <small>(23 05 93 00-0046)</small>		
		Note: Includes flushing and restoring of system.		
23 05 93 00-0074		Piping, Hydrostatic Testing <small>(23 05 93 00-0073)</small>		
23 05 93 00-0075	EA	Up To 100', Up To 1-1/2" Piping, Hydrostatic Testing	705.39	
23 05 93 00-0076	EA	>100' To 250', Up To 1-1/2" Piping, Hydrostatic Testing	1,007.69	
23 05 93 00-0077	EA	>250' To 500', Up To 1-1/2" Piping, Hydrostatic Testing	1,207.41	
23 05 93 00-0078	EA	>500' To 1,000', Up To 1-1/2" Piping, Hydrostatic Testing	1,608.28	
23 05 93 00-0079	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Hydrostatic Testing	2,436.78	
23 05 93 00-0080	EA	Up To 100', >1-1/2" To 4" Piping, Hydrostatic Testing	937.88	
23 05 93 00-0081	EA	>100' To 250', >1-1/2" To 4" Piping, Hydrostatic Testing	1,340.22	
23 05 93 00-0082	EA	>250' To 500', >1-1/2" To 4" Piping, Hydrostatic Testing	1,595.51	
23 05 93 00-0083	EA	>500' To 1,000', >1-1/2" To 4" Piping, Hydrostatic Testing	2,090.74	
23 05 93 00-0084	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Hydrostatic Testing	3,162.93	
23 05 93 00-0085	EA	Up To 100', >4" To 10" Piping, Hydrostatic Testing	1,222.29	
23 05 93 00-0086	EA	>100' To 250', >4" To 10" Piping, Hydrostatic Testing	1,742.30	
23 05 93 00-0087	EA	>250' To 500', >4" To 10" Piping, Hydrostatic Testing	1,838.27	
23 05 93 00-0088	EA	>500' To 1,000', >4" To 10" Piping, Hydrostatic Testing	2,408.28	
23 05 93 00-0089	EA	>1,000' To 2,000', >4" To 10" Piping, Hydrostatic Testing	3,643.27	
23 05 93 00-0090	EA	Up To 100', >10" To 14" Piping, Hydrostatic Testing	1,586.84	
23 05 93 00-0091	EA	>100' To 250', >10" To 14" Piping, Hydrostatic Testing	2,262.30	
23 05 93 00-0092	EA	>250' To 500', >10" To 14" Piping, Hydrostatic Testing	2,390.22	
23 05 93 00-0093	EA	>500' To 1,000', >10" To 14" Piping, Hydrostatic Testing	3,135.03	
23 05 93 00-0094	EA	>1,000' To 2,000', >10" To 14" Piping, Hydrostatic Testing	4,750.05	
23 05 93 00-0095		Pneumatic Testing <small>(23 05 93 00-0046)</small>		
		Note: Includes soaping joints flushing and restoring of system. Can be used for gas or smoke test.		
23 05 93 00-0096		Piping, Pneumatic Testing <small>(23 05 93 00-0095)</small>		
23 05 93 00-0097	EA	Up To 100', Up To 1-1/2" Piping, Pneumatic Testing	802.72	
		Note: Includes soaping joints.		
23 05 93 00-0098	EA	>100' To 250', Up To 1-1/2" Piping, Pneumatic Testing	1,145.16	
		Note: Includes soaping joints.		
23 05 93 00-0099	EA	>250' To 500', Up To 1-1/2" Piping, Pneumatic Testing	1,237.69	
		Note: Includes soaping joints.		
23 05 93 00-0100	EA	>500' To 1,000', Up To 1-1/2" Piping, Pneumatic Testing	1,586.08	
		Note: Includes soaping joints.		
23 05 93 00-0101	EA	>1,000' To 2,000', Up To 1-1/2" Piping, Pneumatic Testing	2,481.87	
		Note: Includes soaping joints.		
23 05 93 00-0102	EA	Up To 100', >1-1/2" To 4" Piping, Pneumatic Testing	1,047.40	
		Note: Includes soaping joints.		
23 05 93 00-0103	EA	>100' To 250', >1-1/2" To 4" Piping, Pneumatic Testing	1,486.99	
		Note: Includes soaping joints.		
23 05 93 00-0104	EA	>250' To 500', >1-1/2" To 4" Piping, Pneumatic Testing	1,608.83	
		Note: Includes soaping joints.		
23 05 93 00-0105	EA	>500' To 1,000', >1-1/2" To 4" Piping, Pneumatic Testing	2,062.21	
		Note: Includes soaping joints.		
23 05 93 00-0106	EA	>1,000' To 2,000', >1-1/2" To 4" Piping, Pneumatic Testing	3,225.73	
		Note: Includes soaping joints.		
23 05 93 00-0107	EA	Up To 100', >4" To 10" Piping, Pneumatic Testing	1,261.56	
		Note: Includes soaping joints.		
23 05 93 00-0108	EA	>100' To 250', >4" To 10" Piping, Pneumatic Testing	1,780.03	
		Note: Includes soaping joints.		
23 05 93 00-0109	EA	>250' To 500', >4" To 10" Piping, Pneumatic Testing	2,014.10	
		Note: Includes soaping joints.		
23 05 93 00-0110	EA	>500' To 1,000', >4" To 10" Piping, Pneumatic Testing	2,574.69	
		Note: Includes soaping joints.		
23 05 93 00-0111	EA	>1,000' To 2,000', >4" To 10" Piping, Pneumatic Testing	4,033.15	
		Note: Includes soaping joints.		
23 05 93 00-0112	EA	Up To 100', >10" To 14" Piping, Pneumatic Testing	1,642.74	
		Note: Includes soaping joints.		
23 05 93 00-0113	EA	>100' To 250', >10" To 14" Piping, Pneumatic Testing	2,314.28	
		Note: Includes soaping joints.		
23 05 93 00-0114	EA	>250' To 500', >10" To 14" Piping, Pneumatic Testing	2,619.29	
		Note: Includes soaping joints.		
23 05 93 00-0115	EA	>500' To 1,000', >10" To 14" Piping, Pneumatic Testing	3,348.08	
		Note: Includes soaping joints.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 05 93 00-0116 EA >1,000' To 2,000', >10" To 14" Piping, Pneumatic Testing Note: Includes soaping joints.	5,252.17	
23 05 93 00-0117 EPA Testing Of Sludge <small>(23 05 93)</small>		
23 05 93 00-0118 EA Flashpoint And Lead Test For Lead	985.74	
23 05 93 00-0119 EA Air Test/Combustion Gas Level	93.20	
23 05 93 00-0120 EA Toxicity Test For Heavy Metals	1,514.18	
23 05 93 00-0121 EA Aboveground Tank Water Settlement Test Including Water	1,147.61	

23 07 HVAC Insulation (23)

23 07 13 Duct Insulation (23 07)

Note: Based on SF surface area of duct to receive insulation.

23 07 13 00-0001 FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13)</small>		
Note: Foil-scrim kraft (FSK) facing lapped and joints sealed vapor tight.		
23 07 13 00-0002 Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13 00-0001)</small>		
23 07 13 00-0003 SF 1" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	3.95	2.32
For Plain Blanket, With No Facing, Deduct	-0.34	
For Work In Restricted Working Space, Add	0.93	
23 07 13 00-0004 SF 1-1/2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.61	2.32
For Plain Blanket, With No Facing, Deduct	-0.40	
For Work In Restricted Working Space, Add	1.09	
23 07 13 00-0005 SF 2" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.22	3.48
For Plain Blanket, With No Facing, Deduct	-0.43	
For Work In Restricted Working Space, Add	1.24	
23 07 13 00-0006 SF 3" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	6.18	4.06
For Plain Blanket, With No Facing, Deduct	-0.54	
For Work In Restricted Working Space, Add	1.45	
23 07 13 00-0007 SF 4" Thick, Type 75 (0.75 LB/CF) FSK Fiber Glass Duct Wrap Insulation	7.33	4.41
For Plain Blanket, With No Facing, Deduct	-0.84	
For Work In Restricted Working Space, Add	1.57	
23 07 13 00-0008 Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13 00-0001)</small>		
23 07 13 00-0009 SF 1" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	4.86	3.48
For Plain Blanket, With No Facing, Deduct	-0.40	
For Work In Restricted Working Space, Add	1.16	
23 07 13 00-0010 SF 1-1/2" Thick, Type 100 (1.0 LB/CF) FSK Fiber Glass Duct Wrap Insulation	5.67	4.06
For Plain Blanket, With No Facing, Deduct	-0.48	
For Work In Restricted Working Space, Add	1.34	
23 07 13 00-0011 SF 2" Thick, Type 100 (1.0 LB/CF) Fiber Glass FSK Duct Wrap Insulation	6.69	4.64
For Plain Blanket, With No Facing, Deduct	-0.57	
For Work In Restricted Working Space, Add	1.58	
23 07 13 00-0012 Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation <small>(23 07 13 00-0001)</small>		
23 07 13 00-0013 SF 1" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	6.34	4.64
For Plain Blanket, With No Facing, Deduct	-0.67	
For Work In Restricted Working Space, Add	1.40	
23 07 13 00-0014 SF 1-1/2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	8.25	5.22
For Plain Blanket, With No Facing, Deduct	-1.17	
For Work In Restricted Working Space, Add	1.60	
23 07 13 00-0015 SF 2" Thick, Type 150 (1.5 LB/CF) FSK Fiber Glass Duct Wrap Insulation	9.63	5.80
For Plain Blanket, With No Facing, Deduct	-1.38	
For Work In Restricted Working Space, Add	1.85	
23 07 13 00-0016 3 LB/CF FSK Rigid Fiber Glass Board Insulation <small>(23 07 13)</small>		
Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fasteners.		
23 07 13 00-0017 SF 1" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	10.95	7.47
For Work In Restricted Working Space, Add	3.09	
For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	18.68	
For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	25.18	
For Non-Metallic Weatherproof Paste, 2 LB, Add	15.39	
23 07 13 00-0018 SF 1-1/2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	14.05	9.09
For Work In Restricted Working Space, Add	3.76	
For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	23.45	
For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	31.14	
For Non-Metallic Weatherproof Paste, 2 LB, Add	19.23	
23 07 13 00-0019 SF 2" Thick, 3 LB/CF FSK Rigid Fiber Glass Board Insulation	17.51	10.98
For Work In Restricted Working Space, Add	4.54	
For Finishing Cement 1/2" Thick Over 1" Wire Mesh, Add	28.85	
For 8 Oz Canvas On Duct, Applied Over Deadening Felt And Finished, Add	37.96	
For Non-Metallic Weatherproof Paste, 2 LB, Add	23.60	
23 07 13 00-0020 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation <small>(23 07 13)</small>		
Note: Foil-scrim kraft (FSK) facing, sealed vapor tight and attached to ducts with mechanical fastener.		
23 07 13 00-0021 SF 1" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation	12.29	8.23
For Work In Restricted Working Space, Add	3.40	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 13 Duct Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 13 00-0022 SF 1-1/2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation..... <i>For Work In Restricted Working Space, Add</i>	15.93 4.13	10.01
23 07 13 00-0023 SF 2" Thick, 4.253 LB/CF FSK Rigid Fiber Glass Board Insulation..... <i>For Work In Restricted Working Space, Add</i>	20.41 4.99	12.08
23 07 13 00-0024 Sheet Flexible Elastomeric Insulation (23 07 13)		
23 07 13 00-0025 SF 3/8" Thick, Sheet Flexible Elastomeric Insulation	8.97	3.13
23 07 13 00-0026 SF 1/2" Thick, Sheet Flexible Elastomeric Insulation	9.58	3.30
23 07 13 00-0027 SF 3/4" Thick, Sheet Flexible Elastomeric Insulation	12.49	3.48
23 07 13 00-0028 SF 1" Thick, Sheet Flexible Elastomeric Insulation	14.36	3.65
23 07 13 00-0029 SF 1-1/2" Thick, Sheet Flexible Elastomeric Insulation	19.78	4.00
23 07 13 00-0030 SF 2" Thick, Sheet Flexible Elastomeric Insulation	23.35	4.35
23 07 13 00-0031 Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0032 SF 1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation.....	13.15	3.30
23 07 13 00-0033 SF 3/4" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation.....	14.45	3.48
23 07 13 00-0034 SF 1" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation.....	16.07	3.65
23 07 13 00-0035 SF 1-1/2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation.....	24.91	4.00
23 07 13 00-0036 SF 2" Thick, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation.....	29.48	4.35
23 07 13 00-0037 Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation (23 07 13) Note: Jacketing is a 3-ply laminate consisting of a PVC core, 0.012" thick aluminum foil jacketing and UV-protective Mylar film.		
23 07 13 00-0038 SF 1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	15.69	3.30
23 07 13 00-0039 SF 3/4" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	16.99	3.48
23 07 13 00-0040 SF 1" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	19.06	3.65
23 07 13 00-0041 SF 1-1/2" Thick, Adhesive Backed, Aluminum Foil/Mylar Film, Multi-Layer Sheet Elastomeric Insulation	27.87	4.00
23 07 16 HVAC Equipment Insulation (23 07)		
23 07 16 00-0001 Calcium Silicate Block Insulation (23 07 16)		
23 07 16 00-0002 SF 1" Thick, Calcium Silicate Block Insulation	21.40	8.98
<i>For Work In Restricted Working Space, Add</i>	5.39	
23 07 16 00-0003 SF 1-1/2" Thick, Calcium Silicate Block Insulation	25.37	10.11
<i>For Work In Restricted Working Space, Add</i>	6.06	
23 07 16 00-0004 SF 2" Thick, Calcium Silicate Block Insulation	30.27	11.65
<i>For Work In Restricted Working Space, Add</i>	7.01	
23 07 16 00-0005 SF 2-1/2" Thick, Calcium Silicate Block Insulation	35.98	13.68
<i>For Work In Restricted Working Space, Add</i>	8.21	
23 07 16 00-0006 SF 3" Thick, Calcium Silicate Block Insulation	44.01	16.84
<i>For Work In Restricted Working Space, Add</i>	10.10	
23 07 19 HVAC Piping Insulation (23 07) See CSI section 22 07 19 00-0000 for pipe insulation.		
23 07 19 00-0001 Calcium Silicate Pipe Insulation (23 07 19) Note: Includes adhesive. Excludes fittings (a location requiring purchase of an insulation fitting or cutting and fitting straight sections, excludes couplings, plugs, etc.). For fittings/valves up to 3" add 2 LF for each fitting/valve or 3 LF for each flanged/grooved joint. For fittings/valves >3" add 3 LF for each fitting/valve or 4 LF for each flanged/grooved joint. See CSI section 22 07 19 00-0510 for protective jacketing.		
23 07 19 00-0002 1" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0003 LF 1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.97	3.81
<i>For Work In Restricted Working Space, Add</i>	2.86	
23 07 19 00-0004 LF 3/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.97	3.81
<i>For Work In Restricted Working Space, Add</i>	2.86	
23 07 19 00-0005 LF 1" Diameter Pipe, 1" Thick Calcium Silicate Insulation	14.88	3.87
<i>For Work In Restricted Working Space, Add</i>	2.90	
23 07 19 00-0006 LF 1-1/4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.10	3.92
<i>For Work In Restricted Working Space, Add</i>	2.94	
23 07 19 00-0007 LF 1-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	15.29	3.98
<i>For Work In Restricted Working Space, Add</i>	2.98	
23 07 19 00-0008 LF 2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	16.38	4.09
<i>For Work In Restricted Working Space, Add</i>	3.07	
23 07 19 00-0009 LF 2-1/2" Diameter Pipe, 1" Thick Calcium Silicate Insulation	17.14	4.25
<i>For Work In Restricted Working Space, Add</i>	3.19	
23 07 19 00-0010 LF 3" Diameter Pipe, 1" Thick Calcium Silicate Insulation	17.90	4.36
<i>For Work In Restricted Working Space, Add</i>	3.27	
23 07 19 00-0011 LF 4" Diameter Pipe, 1" Thick Calcium Silicate Insulation	20.48	4.69
<i>For Work In Restricted Working Space, Add</i>	3.52	
23 07 19 00-0012 LF 6" Diameter Pipe, 1" Thick Calcium Silicate Insulation	22.81	5.30
<i>For Work In Restricted Working Space, Add</i>	3.97	
23 07 19 00-0013 1-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0014 LF 1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	15.67 2.98	3.97
23 07 19 00-0015 LF 3/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	15.77 2.98	3.97
23 07 19 00-0016 LF 1" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	16.89 3.16	4.21
23 07 19 00-0017 LF 1-1/4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	17.57 3.21	4.29
23 07 19 00-0018 LF 1-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	18.29 3.27	4.36
23 07 19 00-0019 LF 2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	19.64 3.46	4.60
23 07 19 00-0020 LF 2-1/2" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	20.58 3.51	4.68
23 07 19 00-0021 LF 3" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	21.37 3.63	4.84
23 07 19 00-0022 LF 4" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	23.83 3.93	5.24
23 07 19 00-0023 LF 6" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	27.63 4.58	6.11
23 07 19 00-0024 LF 8" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	32.49 4.84	6.45
23 07 19 00-0025 LF 10" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	40.97 5.79	7.72
23 07 19 00-0026 LF 12" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	48.18 6.74	8.99
23 07 19 00-0027 LF 14" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	53.68 7.39	9.86
23 07 19 00-0028 LF 16" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	63.88 9.41	12.55
23 07 19 00-0029 LF 18" Diameter Pipe, 1-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	68.88 9.88	13.17
23 07 19 00-0030 2" Thick, Calcium Silicate Pipe Insulation <small>(23 07 19 00-0001)</small>		
23 07 19 00-0031 LF 1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	19.98 3.27	4.36
23 07 19 00-0032 LF 3/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	20.47 3.27	4.36
23 07 19 00-0033 LF 1" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	21.13 3.32	4.42
23 07 19 00-0034 LF 1-1/4" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	22.00 3.36	4.47
23 07 19 00-0035 LF 1-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	22.60 3.40	4.53
23 07 19 00-0036 LF 2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	23.57 3.52	4.69
23 07 19 00-0037 LF 2-1/2" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	26.39 3.65	4.86
23 07 19 00-0038 LF 3" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	26.86 3.77	5.02
23 07 19 00-0039 LF 4" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	29.78 3.98	5.30
23 07 19 00-0040 LF 6" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.51 4.77	6.36
23 07 19 00-0041 LF 8" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	41.33 5.03	6.72
23 07 19 00-0042 LF 10" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	50.93 6.03	8.03
23 07 19 00-0043 LF 12" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	58.32 7.22	9.62
23 07 19 00-0044 LF 14" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	71.24 10.07	13.42
23 07 19 00-0045 LF 16" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	75.09 10.07	13.42
23 07 19 00-0046 LF 18" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	80.54 10.57	14.10
23 07 19 00-0047 LF 20" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	96.07 12.08	16.11
23 07 19 00-0048 LF 24" Diameter Pipe, 2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	111.79 14.60	19.46
23 07 19 00-0049 2-1/2" Thick, Calcium Silicate Pipe Insulation <small>(23 07 19 00-0001)</small>		
23 07 19 00-0050 LF 1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	24.00 3.77	5.03
23 07 19 00-0051 LF 3/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	24.51 3.77	5.03
23 07 19 00-0052 LF 1" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	24.94 3.83	5.11
23 07 19 00-0053 LF 1-1/4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.18 3.86	5.16
23 07 19 00-0054 LF 1-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	25.83 3.89	5.19

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 07 HVAC Insulation****23 07 19 HVAC Piping Insulation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0055 LF 2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	26.93 4.05	5.41
23 07 19 00-0056 LF 2-1/2" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.34 4.19	5.59
23 07 19 00-0057 LF 3" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.83 4.34	5.79
23 07 19 00-0058 LF 4" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	35.68 4.58	6.10
23 07 19 00-0059 LF 6" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	44.51 5.20	6.94
23 07 19 00-0060 LF 8" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	50.81 5.80	7.73
23 07 19 00-0061 LF 10" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	60.73 6.68	8.91
23 07 19 00-0062 LF 12" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	70.58 8.31	11.08
23 07 19 00-0063 LF 14" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	78.10 9.08	12.09
23 07 19 00-0064 LF 16" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	94.72 11.60	15.46
23 07 19 00-0065 LF 18" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	100.04 12.17	16.23
23 07 19 00-0066 LF 20" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	116.09 13.92	18.56
23 07 19 00-0067 LF 24" Diameter Pipe, 2-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	136.32 16.81	22.41
23 07 19 00-0068 3" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0069 LF 1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.38 4.18	5.57
23 07 19 00-0070 LF 3/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.49 4.18	5.57
23 07 19 00-0071 LF 1" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	30.76 4.22	5.63
23 07 19 00-0072 LF 1-1/4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	31.08 4.25	5.66
23 07 19 00-0073 LF 1-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	31.37 4.29	5.72
23 07 19 00-0074 LF 2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	32.44 4.45	5.94
23 07 19 00-0075 LF 2-1/2" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.06 4.61	6.14
23 07 19 00-0076 LF 3" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	36.77 4.77	6.36
23 07 19 00-0077 LF 4" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	43.45 5.04	6.72
23 07 19 00-0078 LF 6" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	51.58 5.72	7.62
23 07 19 00-0079 LF 8" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	59.98 6.38	8.50
23 07 19 00-0080 LF 10" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	71.28 7.36	9.81
23 07 19 00-0081 LF 12" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	82.21 9.14	12.19
23 07 19 00-0082 LF 14" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	91.28 9.98	13.31
23 07 19 00-0083 LF 16" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	106.61 12.75	17.01
23 07 19 00-0084 LF 18" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	115.02 13.39	17.86
23 07 19 00-0085 LF 20" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	134.76 15.32	20.42
23 07 19 00-0086 LF 24" Diameter Pipe, 3" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	159.32 18.50	24.66
23 07 19 00-0087 3-1/2" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)		
23 07 19 00-0088 LF 1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	38.85 4.58	6.10
23 07 19 00-0089 LF 3/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	40.34 4.58	6.10
23 07 19 00-0090 LF 1" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	40.44 4.61	6.14
23 07 19 00-0091 LF 1-1/4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	40.55 4.64	6.18
23 07 19 00-0092 LF 1-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	41.84 4.70	6.26
23 07 19 00-0093 LF 2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	44.42 4.85	6.46
23 07 19 00-0094 LF 2-1/2" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	48.28 5.02	6.70
23 07 19 00-0095 LF 3" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	50.00 5.20	6.94

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 07 19 00-0096 LF 4" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	57.03 5.50	7.33
23 07 19 00-0097 LF 6" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	63.61 6.24	8.32
23 07 19 00-0098 LF 8" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	77.58 6.95	9.27
23 07 19 00-0099 LF 10" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	94.37 8.02	10.69
23 07 19 00-0100 LF 12" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	114.20 9.97	13.30
23 07 19 00-0101 LF 14" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	120.23 10.89	14.52
23 07 19 00-0102 LF 16" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	139.98 13.92	18.56
23 07 19 00-0103 LF 18" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	161.05 14.61	19.48
23 07 19 00-0104 LF 20" Diameter Pipe, 3-1/2" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	173.61 16.71	22.28

23 07 19 00-0105 4" Thick, Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0106 LF 1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	48.64 5.08	6.78
23 07 19 00-0107 LF 3/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	48.69 5.08	6.78
23 07 19 00-0108 LF 1" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	48.99 5.17	6.90
23 07 19 00-0109 LF 1-1/4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	50.34 5.23	6.97
23 07 19 00-0110 LF 1-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	53.35 5.39	7.19
23 07 19 00-0111 LF 2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	54.44 5.56	7.41
23 07 19 00-0112 LF 2-1/2" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	59.54 5.65	7.53
23 07 19 00-0113 LF 3" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	61.25 5.85	7.80
23 07 19 00-0114 LF 4" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	69.62 6.18	8.24
23 07 19 00-0115 LF 6" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	80.57 7.01	9.35
23 07 19 00-0116 LF 8" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	96.10 7.82	10.43
23 07 19 00-0117 LF 10" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	110.66 9.04	12.04
23 07 19 00-0118 LF 12" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	125.83 11.22	14.96
23 07 19 00-0119 LF 14" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	133.76 12.26	16.34
23 07 19 00-0120 LF 16" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	158.16 15.67	20.89
23 07 19 00-0121 LF 18" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	168.25 16.42	21.90
23 07 19 00-0122 LF 20" Diameter Pipe, 4" Thick Calcium Silicate Insulation <i>For Work In Restricted Working Space, Add</i>	186.08 18.79	25.06

23 07 19 00-0123 Weather-Protective Coating For Calcium Silicate Pipe Insulation (23 07 19 00-0001)

23 07 19 00-0124 SF 1/4" Thick (Two 1/8" Coats), Weatherproof Coating Over Glass Cloth Mesh (Insulkote ET) <i>For Work In Restricted Working Space, Add</i>	5.90 1.08	
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23 08 Commissioning of HVAC (23)

See CSI section 23 05 93 00-0000 for testing and balancing.

23 09 Instrumentation and Control for HVAC (23)

23 09 23 Direct-Digital Control System for HVAC (23 09)

23 09 23 11 Control Valves (23 09 23)

23 09 23 11-0001 Valves With Actuator (23 09 23 11)

23 09 23 11-0002 EA 1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G215+NV24-MFT US)	797.78	13.84
23 09 23 11-0003 EA 3/4" 2-Way Bronze Globe Valve With Actuator (Belimo G220+NV24-MFT US)	822.31	18.65
23 09 23 11-0004 EA 1" 2-Way Bronze Globe Valve With Actuator (Belimo B225+NV24-MFT US)	898.65	22.58
23 09 23 11-0005 EA 1-1/4" 2-Way Bronze Globe Valve With Actuator (Belimo B232+NV24-MFT US)	978.14	28.59
23 09 23 11-0006 EA 1-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G240+NV24-MFT US)	1,113.93	32.99
23 09 23 11-0007 EA 2" 2-Way Bronze Globe Valve With Actuator (Belimo G250+NV24-MFT US)	1,257.88	38.98
23 09 23 11-0008 EA 2-1/2" 2-Way Bronze Globe Valve With Actuator (Belimo G665+GMX24-MFTX1)	2,349.35	77.98
23 09 23 11-0009 EA 3" 2-Way Bronze Globe Valve With Actuator (Belimo G680+GMX24-MFTX1)	2,542.67	91.25
23 09 23 11-0010 EA 4" 2-Way Bronze Globe Valve With Actuator (Belimo G6100C+GMX24-MFTX1)	3,425.27	134.02
23 09 23 11-0011 EA 5" 2-Way Bronze Globe Valve With Actuator (Belimo G6125C+GMX24-MFTX1)	5,040.50	193.69
23 09 23 11-0012 EA 6" 2-Way Bronze Globe Valve With Actuator (Belimo G6150C+GMX24-MFTX1)	5,583.17	214.44
23 09 23 11-0013 EA 1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G315+NV24-MFT US)	854.60	20.75

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 11-0014	EA	3/4" 3-Way Bronze Globe Valve With Actuator (Belimo G320+NV24-MFT US)	876.79	27.97
23 09 23 11-0015	EA	1" 3-Way Bronze Globe Valve With Actuator (Belimo G325+NV24-MFT US)	947.66	33.85
23 09 23 11-0016	EA	1-1/4" 3-Way Bronze Globe Valve With Actuator (Belimo G332+NV24-MFT US)	1,047.19	42.89
23 09 23 11-0017	EA	1-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G340+NV24-MFT US)	1,348.57	49.49
23 09 23 11-0018	EA	2" 3-Way Bronze Globe Valve With Actuator (Belimo G350+NV24-MFT US)	1,493.74	58.48
23 09 23 11-0019	EA	2-1/2" 3-Way Bronze Globe Valve With Actuator (Belimo G765+GMX24-MFTX1)	2,629.83	116.97
23 09 23 11-0020	EA	3" 3-Way Bronze Globe Valve With Actuator (Belimo G780+GMX24-MFTX1)	2,885.48	136.87
23 09 23 11-0021	EA	4" 3-Way Bronze Globe Valve With Actuator (Belimo G7100+2"GMX24-MFTX1)	4,197.84	201.03
23 09 23 11-0022	EA	5" 3-Way Bronze Globe Valve With Actuator (Belimo G7125+2"GMX24-MFTX1)	6,089.51	290.52
23 09 23 11-0023	EA	6" 3-Way Bronze Globe Valve With Actuator (Belimo G7150+2"GMX24-MFTX1)	6,770.40	321.66
23 09 23 11-0024	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE215N-35+ZONE24NC)	131.43	13.84
23 09 23 11-0025	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE220N-50+ZONE24NC)	154.32	18.65
23 09 23 11-0026	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE225N-80+ZONE24NC)	194.70	22.58
23 09 23 11-0027	EA	1/2" Two Way Brass Zone Valve With Actuator (Belimo ZONE315N-35+ZONE24NC)	159.60	20.75
23 09 23 11-0028	EA	3/4" Two Way Brass Zone Valve With Actuator (Belimo ZONE320N-50+ZONE24NC)	185.41	27.97
23 09 23 11-0029	EA	1" Two Way Brass Zone Valve With Actuator (Belimo ZONE325N-80+ZONE24NC)	232.23	33.85
23 09 23 11-0030	EA	1/2" 2-Way Brass Ball Valve With Actuator (Belimo B215B+LRB24-3)	221.51	13.84
23 09 23 11-0031	EA	3/4" 2-Way Brass Ball Valve With Actuator (Belimo B220B+LRB24-3)	261.91	18.65
23 09 23 11-0032	EA	1" 2-Way Brass Ball Valve With Actuator (Belimo B225+LRB24-3)	297.51	22.58
23 09 23 11-0033	EA	1-1/4" 2-Way Brass Ball Valve With Actuator (Belimo B232+ARB24-3)	387.32	28.59
23 09 23 11-0034	EA	1-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B240+ARB24-3)	399.60	32.99
23 09 23 11-0035	EA	2" 2-Way Brass Ball Valve With Actuator (Belimo B250+ARB24-3)	510.00	38.98
23 09 23 11-0036	EA	2-1/2" 2-Way Brass Ball Valve With Actuator (Belimo B265+ARB24-3)	1,097.34	77.98
23 09 23 11-0037	EA	3" 2-Way Brass Ball Valve With Actuator (Belimo B280+ARB24-3)	1,288.46	91.25
23 09 23 11-0038	EA	1/2" 3-Way Brass Ball Valve With Actuator (Belimo B315B+LRB24-3)	267.19	20.75
23 09 23 11-0039	EA	3/4" 3-Way Brass Ball Valve With Actuator (Belimo B320B+LRB24-3)	307.77	27.97
23 09 23 11-0040	EA	1" 3-Way Brass Ball Valve With Actuator (Belimo B325+LRB24-3)	397.91	33.85
23 09 23 11-0041	EA	1-1/4" 3-Way Brass Ball Valve With Actuator (Belimo B331+ARB24-3)	566.15	42.89
23 09 23 11-0042	EA	1-1/2" 3-Way Brass Ball Valve With Actuator (Belimo B341+ARB24-3)	595.53	49.49
23 09 23 11-0043	EA	2" 3-Way Brass Ball Valve With Actuator (Belimo B352+ARB24-3)	791.42	58.48
23 09 23 11-0044	EA	2" 2-Way Butterfly Valve With Actuator (Belimo F650HD+AMB24-3X1)	638.93	71.48
23 09 23 11-0045	EA	2-1/2" 2-Way Butterfly Valve With Actuator (Belimo F665HD+AMB24-3X1)	670.00	77.98
23 09 23 11-0046	EA	3" 2-Way Butterfly Valve With Actuator (Belimo F680HD+GMB24-3X1)	884.31	91.25
23 09 23 11-0047	EA	4" 2-Way Butterfly Valve With Actuator (Belimo F6100HD+2"GMB24-3X1)	1,345.93	153.17
23 09 23 11-0048	EA	5" 2-Way Butterfly Valve With Actuator (Belimo F6125HD+SY2-24)	2,745.38	193.69
23 09 23 11-0049	EA	6" 2-Way Butterfly Valve With Actuator (Belimo F6150HD+SY3-24)	2,893.30	214.44
23 09 23 11-0050	EA	8" 2-Way Butterfly Valve With Actuator (Belimo F6200HD+SY4-24)	3,950.27	245.07
23 09 23 11-0051	EA	10" 2-Way Butterfly Valve With Actuator (Belimo F6250HD+SY4-24)	4,846.79	300.21
23 09 23 11-0052	EA	12" 2-Way Butterfly Valve With Actuator (Belimo F6300HS+SY4-24)	5,992.20	363.90
23 09 23 11-0053	EA	14" 2-Way Butterfly Valve With Actuator (Belimo F6350HD+SY5-24)	6,650.97	428.87
23 09 23 11-0054	EA	16" 2-Way Butterfly Valve With Actuator (Belimo F6400HD+SY6-110)	8,825.96	471.76
23 09 23 11-0055	EA	18" 2-Way Butterfly Valve With Actuator (Belimo F6450HD+SY8-110)	10,711.93	524.08
23 09 23 11-0056	EA	2" 3-Way Butterfly Valve With Actuator (Belimo F750HD+AMB24-3X1)	1,188.51	107.22
23 09 23 11-0057	EA	2-1/2" 3-Way Butterfly Valve With Actuator (Belimo F765HD+GMB24-3X1)	1,403.01	116.97
23 09 23 11-0058	EA	3" 3-Way Butterfly Valve With Actuator (Belimo F780HD+2"GMB24-3X1)	1,734.46	136.87
23 09 23 11-0059	EA	4" 3-Way Butterfly Valve With Actuator (Belimo F7100HD+2"GMB24-3X1)	2,207.74	229.75
23 09 23 11-0060	EA	5" 3-Way Butterfly Valve With Actuator (Belimo F7125HD+SY3-24)	4,579.58	290.52
23 09 23 11-0061	EA	6" 3-Way Butterfly Valve With Actuator (Belimo F7150HD+SY3-24)	4,734.75	321.66
23 09 23 11-0062	EA	8" 3-Way Butterfly Valve With Actuator (Belimo F7200HD+SY4-24)	5,980.91	367.65
23 09 23 11-0063	EA	10" 3-Way Butterfly Valve With Actuator (Belimo F7250HD+SY4-24)	7,928.61	450.31
23 09 23 11-0064	EA	12" 3-Way Butterfly Valve With Actuator (Belimo F7300HD+SY5-24)	9,637.68	545.84
23 09 23 11-0065	EA	14" 3-Way Butterfly Valve With Actuator (Belimo F7350HD+SY6-110)	15,107.54	643.31
23 09 23 11-0066	EA	16" 3-Way Butterfly Valve With Actuator (Belimo F7400HD+SY7-110)	16,848.85	707.64
23 09 23 11-0067	EA	18" 3-Way Butterfly Valve With Actuator (Belimo F7450HD+SY8-110)	26,030.41	786.13

23 09 23 11-0068 Valve Actuators (23 09 23 11)

23 09 23 11-0069	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-T)	429.37	88.58
23 09 23 11-0070	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 95 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3)	436.43	88.58
23 09 23 11-0071	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, Terminal Strip, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR-T)	548.12	88.58
23 09 23 11-0072	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-3-S)	495.10	88.58
23 09 23 11-0073	EA	24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-SR)	505.41	88.58
23 09 23 11-0074	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT)	573.10	88.58
23 09 23 11-0075	EA	24 Volt AC/DC Power Supply, On/Off Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-1)	703.95	88.58
23 09 23 11-0076	EA	24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 150 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX24-MFT95)	719.84	88.58
23 09 23 11-0077	EA	24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, 2.5 Seconds Run Time, 35 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRQX24-MFT)	758.17	88.58
23 09 23 11-0078	EA	120 Volt AC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-3)	531.88	88.58
23 09 23 11-0079	EA	120 Volt AC Power Supply, 2-10 Volt DC Control Input, 90 Seconds Run Time, 45 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo LRX120-SR)	612.30	88.58
23 09 23 11-0080	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Terminal Strip, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-T)	539.56	88.58
23 09 23 11-0081	EA	24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3)	549.89	88.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 11-0082 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARB24-3-5-14).....	553.76	88.58
23 09 23 11-0083 EA 24 Volt AC/DC Power Supply, On/Off/Floating Point Control Input, Auxiliary Switch, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-3-S).....	624.01	88.58
23 09 23 11-0084 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T).....	654.31	88.58
23 09 23 11-0085 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR).....	670.41	88.58
23 09 23 11-0086 EA 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, Variable Run Time (90 To 350 Seconds), 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT).....	667.21	88.58
23 09 23 11-0087 EA 24 Volt AC/DC Power Supply, Phasecut Control Input, 95 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-PC).....	677.51	88.58
23 09 23 11-0088 EA 24 Volt AC/DC Power Supply, 0-135 Ohms Control Input, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT95).....	676.86	88.58
23 09 23 11-0089 EA 24 Volt AC/DC Power Supply, 2-10 Volt DC Control Input, NEMA 4X, 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-SR-T N4).....	743.71	88.58
23 09 23 11-0090 EA 24 Volt AC/DC Power Supply, Proportional/Multi-Function Control Input, NEMA 4X, Variable Run Time (75 To 350 Seconds), 160 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX24-MFT-T N4).....	912.79	88.58
23 09 23 11-0091 EA 100-240 Volt AC Power Supply, On/Off/Floating Point Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-3).....	589.20	88.58
23 09 23 11-0092 EA 100-240 Volt AC Power Supply, 2-10 Volt DC Control Input, 300, 150, Or 90 Seconds Run Time, 180 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo ARX120-SR).....	712.98	88.58
23 09 23 11-0093 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 15 Seconds Run Time, 801 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY2-24).....	1,683.69	88.58
23 09 23 11-0094 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 1,335 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY3-24).....	1,895.10	88.58
23 09 23 11-0095 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 16 Seconds Run Time, 3,560 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY4-24).....	2,286.35	88.58
23 09 23 11-0096 EA 24 Volt AC/DC Power Supply, On/Off Control Input, 22 Seconds Run Time, 4,450 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY5-24).....	2,597.68	88.58
23 09 23 11-0097 EA 120 Volt AC Power Supply, On/Off Control Input, 28 Seconds Run Time, 5,785 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY6-110).....	3,085.62	88.58
23 09 23 11-0098 EA 120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 8,900 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY7-110).....	3,645.12	88.58
23 09 23 11-0099 EA 120 Volt AC Power Supply, On/Off Control Input, 46 Seconds Run Time, 13,350 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY8-110).....	4,931.68	88.58
23 09 23 11-0100 EA 120 Volt AC Power Supply, On/Off Control Input, 58 Seconds Run Time, 17,800 IN-LB, Direct Coupled, Non-Spring Return, Valve Actuator (Belimo SY9-110).....	6,033.24	88.58

23 09 23 12 Control Dampers (23 09 23)

23 09 23 12-0001 Rectangular Volume Control Dampers (Ruskin) (23 09 23 12)
Note: Excludes actuators.

23 09 23 12-0002 Rectangular Volume Control Dampers (Ruskin CD36) (23 09 23 12-0001)

23 09 23 12-0003 EA 8" x 8" Volume Control Damper (Ruskin CD36).....	187.08	57.15
23 09 23 12-0004 EA 8" x 12" Volume Control Damper (Ruskin CD36).....	197.48	57.15
23 09 23 12-0005 EA 8" x 16" Volume Control Damper (Ruskin CD36).....	210.04	57.15
23 09 23 12-0006 EA 8" x 20" Volume Control Damper (Ruskin CD36).....	277.17	76.20
23 09 23 12-0007 EA 8" x 24" Volume Control Damper (Ruskin CD36).....	295.80	76.20
23 09 23 12-0008 EA 8" x 28" Volume Control Damper (Ruskin CD36).....	306.20	76.20
23 09 23 12-0009 EA 8" x 32" Volume Control Damper (Ruskin CD36).....	333.50	76.20
23 09 23 12-0010 EA 8" x 36" Volume Control Damper (Ruskin CD36).....	398.47	95.25
23 09 23 12-0011 EA 12" x 8" Volume Control Damper (Ruskin CD36).....	197.48	57.15
23 09 23 12-0012 EA 12" x 12" Volume Control Damper (Ruskin CD36).....	203.54	57.15
23 09 23 12-0013 EA 12" x 16" Volume Control Damper (Ruskin CD36).....	254.21	76.20
23 09 23 12-0014 EA 12" x 20" Volume Control Damper (Ruskin CD36).....	283.24	76.20
23 09 23 12-0015 EA 12" x 24" Volume Control Damper (Ruskin CD36).....	340.41	95.25
23 09 23 12-0016 EA 12" x 28" Volume Control Damper (Ruskin CD36).....	350.81	95.25
23 09 23 12-0017 EA 12" x 32" Volume Control Damper (Ruskin CD36).....	377.67	95.25
23 09 23 12-0018 EA 12" x 36" Volume Control Damper (Ruskin CD36).....	442.64	114.29
23 09 23 12-0019 EA 16" x 8" Volume Control Damper (Ruskin CD36).....	210.04	57.15
23 09 23 12-0020 EA 16" x 12" Volume Control Damper (Ruskin CD36).....	262.44	76.20
23 09 23 12-0021 EA 16" x 16" Volume Control Damper (Ruskin CD36).....	262.87	76.20
23 09 23 12-0022 EA 16" x 20" Volume Control Damper (Ruskin CD36).....	327.85	95.25
23 09 23 12-0023 EA 16" x 24" Volume Control Damper (Ruskin CD36).....	348.64	95.25
23 09 23 12-0024 EA 16" x 28" Volume Control Damper (Ruskin CD36).....	401.04	114.29
23 09 23 12-0025 EA 16" x 32" Volume Control Damper (Ruskin CD36).....	424.01	114.29
23 09 23 12-0026 EA 16" x 36" Volume Control Damper (Ruskin CD36).....	449.14	114.29
23 09 23 12-0027 EA 20" x 8" Volume Control Damper (Ruskin CD36).....	277.17	76.20
23 09 23 12-0028 EA 20" x 12" Volume Control Damper (Ruskin CD36).....	250.31	76.20
23 09 23 12-0029 EA 20" x 16" Volume Control Damper (Ruskin CD36).....	307.05	95.25
23 09 23 12-0030 EA 20" x 20" Volume Control Damper (Ruskin CD36).....	333.91	95.25
23 09 23 12-0031 EA 20" x 24" Volume Control Damper (Ruskin CD36).....	388.91	114.29
23 09 23 12-0032 EA 20" x 28" Volume Control Damper (Ruskin CD36).....	413.61	114.29
23 09 23 12-0033 EA 20" x 32" Volume Control Damper (Ruskin CD36).....	472.94	133.34
23 09 23 12-0034 EA 20" x 36" Volume Control Damper (Ruskin CD36).....	495.47	133.34
23 09 23 12-0035 EA 24" x 8" Volume Control Damper (Ruskin CD36).....	250.31	76.20
23 09 23 12-0036 EA 24" x 12" Volume Control Damper (Ruskin CD36).....	294.49	95.25
23 09 23 12-0037 EA 24" x 16" Volume Control Damper (Ruskin CD36).....	313.12	95.25
23 09 23 12-0038 EA 24" x 20" Volume Control Damper (Ruskin CD36).....	380.25	114.29
23 09 23 12-0039 EA 24" x 24" Volume Control Damper (Ruskin CD36).....	399.31	114.29
23 09 23 12-0040 EA 24" x 28" Volume Control Damper (Ruskin CD36).....	459.94	133.34
23 09 23 12-0041 EA 24" x 32" Volume Control Damper (Ruskin CD36).....	487.24	133.34

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23	12-0042	EA	24" x 36" Volume Control Damper (Ruskin CD36)	508.03	133.34
23 09 23	12-0043	EA	28" x 8" Volume Control Damper (Ruskin CD36)	254.21	76.20
23 09 23	12-0044	EA	28" x 12" Volume Control Damper (Ruskin CD36)	298.82	95.25
23 09 23	12-0045	EA	28" x 16" Volume Control Damper (Ruskin CD36)	353.38	114.29
23 09 23	12-0046	EA	28" x 20" Volume Control Damper (Ruskin CD36)	386.74	114.29
23 09 23	12-0047	EA	28" x 24" Volume Control Damper (Ruskin CD36)	441.31	133.34
23 09 23	12-0048	EA	28" x 28" Volume Control Damper (Ruskin CD36)	466.44	133.34
23 09 23	12-0049	EA	28" x 32" Volume Control Damper (Ruskin CD36)	489.40	133.34
23 09 23	12-0050	EA	28" x 36" Volume Control Damper (Ruskin CD36)	520.60	133.34
23 09 23	12-0051	EA	32" x 8" Volume Control Damper (Ruskin CD36)	256.38	76.20
23 09 23	12-0052	EA	32" x 12" Volume Control Damper (Ruskin CD36)	300.55	95.25
23 09 23	12-0053	EA	32" x 16" Volume Control Damper (Ruskin CD36)	359.45	114.29
23 09 23	12-0054	EA	32" x 20" Volume Control Damper (Ruskin CD36)	427.01	133.34
23 09 23	12-0055	EA	32" x 24" Volume Control Damper (Ruskin CD36)	451.71	133.34
23 09 23	12-0056	EA	32" x 28" Volume Control Damper (Ruskin CD36)	474.67	133.34
23 09 23	12-0057	EA	32" x 32" Volume Control Damper (Ruskin CD36)	499.80	133.34
23 09 23	12-0058	EA	32" x 36" Volume Control Damper (Ruskin CD36)	566.92	152.39
23 09 23	12-0059	EA	36" x 8" Volume Control Damper (Ruskin CD36)	302.72	95.25
23 09 23	12-0060	EA	36" x 12" Volume Control Damper (Ruskin CD36)	347.32	114.29
23 09 23	12-0061	EA	36" x 16" Volume Control Damper (Ruskin CD36)	365.95	114.29
23 09 23	12-0062	EA	36" x 20" Volume Control Damper (Ruskin CD36)	433.08	133.34
23 09 23	12-0063	EA	36" x 24" Volume Control Damper (Ruskin CD36)	459.94	133.34
23 09 23	12-0064	EA	36" x 28" Volume Control Damper (Ruskin CD36)	487.24	133.34
23 09 23	12-0065	EA	36" x 32" Volume Control Damper (Ruskin CD36)	546.12	152.39
23 09 23	12-0066	EA	36" x 36" Volume Control Damper (Ruskin CD36)	575.15	152.39
23 09 23	12-0067	EA	36" x 40" Volume Control Damper (Ruskin CD36)	600.28	152.39
23 09 23	12-0068	EA	36" x 44" Volume Control Damper (Ruskin CD36)	627.14	152.39
23 09 23	12-0069	EA	36" x 48" Volume Control Damper (Ruskin CD36)	650.11	152.39
23 09 23	12-0070	EA	36" x 52" Volume Control Damper (Ruskin CD36)	676.97	152.39
23 09 23	12-0071	EA	36" x 56" Volume Control Damper (Ruskin CD36)	704.27	152.39
23 09 23	12-0072	EA	36" x 60" Volume Control Damper (Ruskin CD36)	726.80	152.39
23 09 23	12-0073	EA	36" x 64" Volume Control Damper (Ruskin CD36)	757.99	152.39
23 09 23	12-0074	EA	36" x 68" Volume Control Damper (Ruskin CD36)	821.22	171.45
23 09 23	12-0075	EA	36" x 72" Volume Control Damper (Ruskin CD36)	867.15	171.45
23 09 23	12-0076	EA	36" x 76" Volume Control Damper (Ruskin CD36)	1,007.53	171.45
23 09 23	12-0077	EA	36" x 80" Volume Control Damper (Ruskin CD36)	1,007.53	171.45
23 09 23	12-0078	EA	36" x 84" Volume Control Damper (Ruskin CD36)	1,068.19	171.45
23 09 23	12-0079	EA	40" x 40" Volume Control Damper (Ruskin CD36)	610.68	152.39
23 09 23	12-0080	EA	40" x 44" Volume Control Damper (Ruskin CD36)	637.54	152.39
23 09 23	12-0081	EA	40" x 48" Volume Control Damper (Ruskin CD36)	664.41	152.39
23 09 23	12-0082	EA	40" x 52" Volume Control Damper (Ruskin CD36)	693.87	152.39
23 09 23	12-0083	EA	40" x 56" Volume Control Damper (Ruskin CD36)	718.56	152.39
23 09 23	12-0084	EA	40" x 60" Volume Control Damper (Ruskin CD36)	779.63	171.45
23 09 23	12-0085	EA	40" x 64" Volume Control Damper (Ruskin CD36)	810.82	171.45
23 09 23	12-0086	EA	40" x 68" Volume Control Damper (Ruskin CD36)	839.85	171.45
23 09 23	12-0087	EA	40" x 72" Volume Control Damper (Ruskin CD36)	883.61	171.45
23 09 23	12-0088	EA	40" x 76" Volume Control Damper (Ruskin CD36)	1,030.93	171.45
23 09 23	12-0089	EA	40" x 80" Volume Control Damper (Ruskin CD36)	1,030.93	171.45
23 09 23	12-0090	EA	40" x 84" Volume Control Damper (Ruskin CD36)	1,091.58	171.45
23 09 23	12-0091	EA	44" x 40" Volume Control Damper (Ruskin CD36)	622.81	152.39
23 09 23	12-0092	EA	44" x 44" Volume Control Damper (Ruskin CD36)	650.11	152.39
23 09 23	12-0093	EA	44" x 48" Volume Control Damper (Ruskin CD36)	676.97	152.39
23 09 23	12-0094	EA	44" x 52" Volume Control Damper (Ruskin CD36)	706.00	152.39
23 09 23	12-0095	EA	44" x 56" Volume Control Damper (Ruskin CD36)	769.23	171.45
23 09 23	12-0096	EA	44" x 60" Volume Control Damper (Ruskin CD36)	798.26	171.45
23 09 23	12-0097	EA	44" x 64" Volume Control Damper (Ruskin CD36)	825.55	171.45
23 09 23	12-0098	EA	44" x 68" Volume Control Damper (Ruskin CD36)	858.48	171.45
23 09 23	12-0099	EA	44" x 72" Volume Control Damper (Ruskin CD36)	902.24	171.45
23 09 23	12-0100	EA	44" x 76" Volume Control Damper (Ruskin CD36)	1,058.66	171.45
23 09 23	12-0101	EA	44" x 80" Volume Control Damper (Ruskin CD36)	1,058.66	171.45
23 09 23	12-0102	EA	44" x 84" Volume Control Damper (Ruskin CD36)	1,157.85	190.50
23 09 23	12-0103	EA	40" x 40" Volume Control Damper (Ruskin CD36)	610.68	152.39
23 09 23	12-0104	EA	40" x 44" Volume Control Damper (Ruskin CD36)	637.54	152.39
23 09 23	12-0105	EA	40" x 48" Volume Control Damper (Ruskin CD36)	664.41	152.39
23 09 23	12-0106	EA	40" x 52" Volume Control Damper (Ruskin CD36)	693.87	152.39
23 09 23	12-0107	EA	40" x 56" Volume Control Damper (Ruskin CD36)	718.56	152.39
23 09 23	12-0108	EA	40" x 60" Volume Control Damper (Ruskin CD36)	779.63	171.45
23 09 23	12-0109	EA	40" x 64" Volume Control Damper (Ruskin CD36)	810.82	171.45
23 09 23	12-0110	EA	40" x 68" Volume Control Damper (Ruskin CD36)	839.85	171.45
23 09 23	12-0111	EA	40" x 72" Volume Control Damper (Ruskin CD36)	883.61	171.45
23 09 23	12-0112	EA	40" x 76" Volume Control Damper (Ruskin CD36)	1,030.93	171.45
23 09 23	12-0113	EA	40" x 80" Volume Control Damper (Ruskin CD36)	1,030.93	171.45
23 09 23	12-0114	EA	40" x 84" Volume Control Damper (Ruskin CD36)	1,091.58	171.45
23 09 23	12-0115	EA	44" x 40" Volume Control Damper (Ruskin CD36)	622.81	152.39
23 09 23	12-0116	EA	44" x 44" Volume Control Damper (Ruskin CD36)	650.11	152.39
23 09 23	12-0117	EA	44" x 48" Volume Control Damper (Ruskin CD36)	676.97	152.39
23 09 23	12-0118	EA	44" x 52" Volume Control Damper (Ruskin CD36)	706.00	152.39
23 09 23	12-0119	EA	44" x 56" Volume Control Damper (Ruskin CD36)	769.23	171.45
23 09 23	12-0120	EA	44" x 60" Volume Control Damper (Ruskin CD36)	798.26	171.45
23 09 23	12-0121	EA	44" x 64" Volume Control Damper (Ruskin CD36)	825.55	171.45
23 09 23	12-0122	EA	44" x 68" Volume Control Damper (Ruskin CD36)	858.48	171.45
23 09 23	12-0123	EA	44" x 72" Volume Control Damper (Ruskin CD36)	902.24	171.45
23 09 23	12-0124	EA	44" x 76" Volume Control Damper (Ruskin CD36)	1,058.66	171.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23	12-0125	EA	44" x 80" Volume Control Damper (Ruskin CD36).....	1,058.66	171.45
23 09 23	12-0126	EA	44" x 84" Volume Control Damper (Ruskin CD36).....	1,157.85	190.50
23 09 23	12-0127	EA	48" x 40" Volume Control Damper (Ruskin CD36).....	635.38	152.39
23 09 23	12-0128	EA	48" x 44" Volume Control Damper (Ruskin CD36).....	662.67	152.39
23 09 23	12-0129	EA	48" x 48" Volume Control Damper (Ruskin CD36).....	691.70	152.39
23 09 23	12-0130	EA	48" x 52" Volume Control Damper (Ruskin CD36).....	758.83	171.45
23 09 23	12-0131	EA	48" x 56" Volume Control Damper (Ruskin CD36).....	785.69	171.45
23 09 23	12-0132	EA	48" x 60" Volume Control Damper (Ruskin CD36).....	810.82	171.45
23 09 23	12-0133	EA	48" x 64" Volume Control Damper (Ruskin CD36).....	842.02	171.45
23 09 23	12-0134	EA	48" x 68" Volume Control Damper (Ruskin CD36).....	873.21	171.45
23 09 23	12-0135	EA	48" x 72" Volume Control Damper (Ruskin CD36).....	923.04	171.45
23 09 23	12-0136	EA	48" x 76" Volume Control Damper (Ruskin CD36).....	1,124.92	190.50
23 09 23	12-0137	EA	48" x 80" Volume Control Damper (Ruskin CD36).....	1,124.92	190.50
23 09 23	12-0138	EA	48" x 84" Volume Control Damper (Ruskin CD36).....	1,186.01	190.50
23 09 23	12-0139	EA	52" x 40" Volume Control Damper (Ruskin CD36).....	928.70	152.39
23 09 23	12-0140	EA	52" x 44" Volume Control Damper (Ruskin CD36).....	970.30	152.39
23 09 23	12-0141	EA	52" x 48" Volume Control Damper (Ruskin CD36).....	1,072.95	171.45
23 09 23	12-0142	EA	52" x 52" Volume Control Damper (Ruskin CD36).....	1,131.01	171.45
23 09 23	12-0143	EA	52" x 56" Volume Control Damper (Ruskin CD36).....	1,172.61	171.45
23 09 23	12-0144	EA	52" x 60" Volume Control Damper (Ruskin CD36).....	1,220.70	171.45
23 09 23	12-0145	EA	52" x 64" Volume Control Damper (Ruskin CD36).....	1,283.09	171.45
23 09 23	12-0146	EA	52" x 68" Volume Control Damper (Ruskin CD36).....	1,349.38	171.45
23 09 23	12-0147	EA	52" x 72" Volume Control Damper (Ruskin CD36).....	1,466.77	190.50
23 09 23	12-0148	EA	52" x 76" Volume Control Damper (Ruskin CD36).....	1,616.25	190.50
23 09 23	12-0149	EA	52" x 80" Volume Control Damper (Ruskin CD36).....	1,616.68	190.50
23 09 23	12-0150	EA	52" x 84" Volume Control Damper (Ruskin CD36).....	1,709.84	190.50
23 09 23	12-0151	EA	56" x 40" Volume Control Damper (Ruskin CD36).....	936.93	152.39
23 09 23	12-0152	EA	56" x 44" Volume Control Damper (Ruskin CD36).....	1,023.13	171.45
23 09 23	12-0153	EA	56" x 48" Volume Control Damper (Ruskin CD36).....	1,085.52	171.45
23 09 23	12-0154	EA	56" x 52" Volume Control Damper (Ruskin CD36).....	1,137.51	171.45
23 09 23	12-0155	EA	56" x 56" Volume Control Damper (Ruskin CD36).....	1,185.17	171.45
23 09 23	12-0156	EA	56" x 60" Volume Control Damper (Ruskin CD36).....	1,239.33	171.45
23 09 23	12-0157	EA	56" x 64" Volume Control Damper (Ruskin CD36).....	1,299.55	171.45
23 09 23	12-0158	EA	56" x 68" Volume Control Damper (Ruskin CD36).....	1,412.61	190.50
23 09 23	12-0159	EA	56" x 72" Volume Control Damper (Ruskin CD36).....	1,495.80	190.50
23 09 23	12-0160	EA	56" x 76" Volume Control Damper (Ruskin CD36).....	1,616.25	190.50
23 09 23	12-0161	EA	56" x 80" Volume Control Damper (Ruskin CD36).....	1,616.25	190.50
23 09 23	12-0162	EA	56" x 84" Volume Control Damper (Ruskin CD36).....	1,709.84	190.50
23 09 23	12-0163	EA	60" x 40" Volume Control Damper (Ruskin CD36).....	987.60	171.45
23 09 23	12-0164	EA	60" x 44" Volume Control Damper (Ruskin CD36).....	1,041.76	171.45
23 09 23	12-0165	EA	60" x 48" Volume Control Damper (Ruskin CD36).....	1,101.98	171.45
23 09 23	12-0166	EA	60" x 52" Volume Control Damper (Ruskin CD36).....	1,156.14	171.45
23 09 23	12-0167	EA	60" x 56" Volume Control Damper (Ruskin CD36).....	1,214.20	171.45
23 09 23	12-0168	EA	60" x 60" Volume Control Damper (Ruskin CD36).....	1,257.96	171.45
23 09 23	12-0169	EA	60" x 64" Volume Control Damper (Ruskin CD36).....	1,356.29	190.50
23 09 23	12-0170	EA	60" x 68" Volume Control Damper (Ruskin CD36).....	1,429.07	190.50
23 09 23	12-0171	EA	60" x 72" Volume Control Damper (Ruskin CD36).....	1,524.83	190.50
23 09 23	12-0172	EA	60" x 76" Volume Control Damper (Ruskin CD36).....	1,663.04	190.50
23 09 23	12-0173	EA	60" x 80" Volume Control Damper (Ruskin CD36).....	1,663.04	190.50
23 09 23	12-0174	EA	60" x 84" Volume Control Damper (Ruskin CD36).....	1,784.79	190.50
23 09 23	12-0175	EA	64" x 40" Volume Control Damper (Ruskin CD36).....	1,000.16	171.45
23 09 23	12-0176	EA	64" x 44" Volume Control Damper (Ruskin CD36).....	1,060.39	171.45
23 09 23	12-0177	EA	64" x 48" Volume Control Damper (Ruskin CD36).....	1,118.45	171.45
23 09 23	12-0178	EA	64" x 52" Volume Control Damper (Ruskin CD36).....	1,170.44	171.45
23 09 23	12-0179	EA	64" x 56" Volume Control Damper (Ruskin CD36).....	1,228.93	171.45
23 09 23	12-0180	EA	64" x 60" Volume Control Damper (Ruskin CD36).....	1,314.69	190.50
23 09 23	12-0181	EA	64" x 64" Volume Control Damper (Ruskin CD36).....	1,373.18	190.50
23 09 23	12-0182	EA	64" x 68" Volume Control Damper (Ruskin CD36).....	1,443.81	190.50
23 09 23	12-0183	EA	64" x 72" Volume Control Damper (Ruskin CD36).....	1,553.86	190.50
23 09 23	12-0184	EA	64" x 76" Volume Control Damper (Ruskin CD36).....	1,663.04	190.50
23 09 23	12-0185	EA	64" x 80" Volume Control Damper (Ruskin CD36).....	1,663.04	190.50
23 09 23	12-0186	EA	64" x 84" Volume Control Damper (Ruskin CD36).....	1,822.89	209.55
23 09 23	12-0187	EA	66" x 40" Volume Control Damper (Ruskin CD36).....	1,010.56	171.45
23 09 23	12-0188	EA	66" x 44" Volume Control Damper (Ruskin CD36).....	1,072.95	171.45
23 09 23	12-0189	EA	66" x 48" Volume Control Damper (Ruskin CD36).....	1,128.85	171.45
23 09 23	12-0190	EA	66" x 52" Volume Control Damper (Ruskin CD36).....	1,185.17	171.45
23 09 23	12-0191	EA	66" x 56" Volume Control Damper (Ruskin CD36).....	1,283.50	190.50
23 09 23	12-0192	EA	66" x 60" Volume Control Damper (Ruskin CD36).....	1,333.32	190.50
23 09 23	12-0193	EA	66" x 64" Volume Control Damper (Ruskin CD36).....	1,397.88	190.50
23 09 23	12-0194	EA	66" x 68" Volume Control Damper (Ruskin CD36).....	1,462.44	190.50
23 09 23	12-0195	EA	66" x 72" Volume Control Damper (Ruskin CD36).....	1,570.75	190.50
23 09 23	12-0196	EA	66" x 76" Volume Control Damper (Ruskin CD36).....	1,709.84	190.50
23 09 23	12-0197	EA	66" x 80" Volume Control Damper (Ruskin CD36).....	1,747.94	209.55
23 09 23	12-0198	EA	66" x 84" Volume Control Damper (Ruskin CD36).....	1,869.68	209.55
23 09 23	12-0199	EA	72" x 40" Volume Control Damper (Ruskin CD36).....	1,022.69	171.45
23 09 23	12-0200	EA	72" x 44" Volume Control Damper (Ruskin CD36).....	1,085.52	171.45
23 09 23	12-0201	EA	72" x 48" Volume Control Damper (Ruskin CD36).....	1,137.51	171.45
23 09 23	12-0202	EA	72" x 52" Volume Control Damper (Ruskin CD36).....	1,238.00	190.50
23 09 23	12-0203	EA	72" x 56" Volume Control Damper (Ruskin CD36).....	1,300.39	190.50
23 09 23	12-0204	EA	72" x 60" Volume Control Damper (Ruskin CD36).....	1,352.39	190.50
23 09 23	12-0205	EA	72" x 64" Volume Control Damper (Ruskin CD36).....	1,425.18	190.50
23 09 23	12-0206	EA	72" x 68" Volume Control Damper (Ruskin CD36).....	1,481.07	190.50
23 09 23	12-0207	EA	72" x 72" Volume Control Damper (Ruskin CD36).....	1,587.22	190.50

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0208 EA 72" x 76" Volume Control Damper (Ruskin CD36)	1,747.94	209.55
23 09 23 12-0209 EA 72" x 80" Volume Control Damper (Ruskin CD36)	1,747.94	209.55
23 09 23 12-0210 EA 72" x 84" Volume Control Damper (Ruskin CD36)	1,869.68	209.55
23 09 23 12-0211 EA 76" x 40" Volume Control Damper (Ruskin CD36)	1,035.26	171.45
23 09 23 12-0212 EA 76" x 44" Volume Control Damper (Ruskin CD36)	1,095.92	171.45
23 09 23 12-0213 EA 76" x 48" Volume Control Damper (Ruskin CD36)	1,192.08	190.50
23 09 23 12-0214 EA 76" x 52" Volume Control Damper (Ruskin CD36)	1,254.47	190.50
23 09 23 12-0215 EA 76" x 56" Volume Control Damper (Ruskin CD36)	1,316.86	190.50
23 09 23 12-0216 EA 76" x 60" Volume Control Damper (Ruskin CD36)	1,368.85	190.50
23 09 23 12-0217 EA 76" x 64" Volume Control Damper (Ruskin CD36)	1,441.64	190.50
23 09 23 12-0218 EA 76" x 68" Volume Control Damper (Ruskin CD36)	1,512.26	190.50
23 09 23 12-0219 EA 76" x 72" Volume Control Damper (Ruskin CD36)	1,643.95	209.55
23 09 23 12-0220 EA 76" x 76" Volume Control Damper (Ruskin CD36)	1,794.73	209.55
23 09 23 12-0221 EA 76" x 80" Volume Control Damper (Ruskin CD36)	1,794.73	209.55
23 09 23 12-0222 EA 76" x 84" Volume Control Damper (Ruskin CD36)	1,916.48	209.55
23 09 23 12-0223 EA 80" x 40" Volume Control Damper (Ruskin CD36)	1,047.82	171.45
23 09 23 12-0224 EA 80" x 44" Volume Control Damper (Ruskin CD36)	1,108.05	171.45
23 09 23 12-0225 EA 80" x 48" Volume Control Damper (Ruskin CD36)	1,208.54	190.50
23 09 23 12-0226 EA 80" x 52" Volume Control Damper (Ruskin CD36)	1,277.43	190.50
23 09 23 12-0227 EA 80" x 56" Volume Control Damper (Ruskin CD36)	1,333.32	190.50
23 09 23 12-0228 EA 80" x 60" Volume Control Damper (Ruskin CD36)	1,385.31	190.50
23 09 23 12-0229 EA 80" x 64" Volume Control Damper (Ruskin CD36)	1,458.10	190.50
23 09 23 12-0230 EA 80" x 68" Volume Control Damper (Ruskin CD36)	1,562.93	209.55
23 09 23 12-0231 EA 80" x 72" Volume Control Damper (Ruskin CD36)	1,662.58	209.55
23 09 23 12-0232 EA 80" x 76" Volume Control Damper (Ruskin CD36)	1,794.73	209.55
23 09 23 12-0233 EA 80" x 80" Volume Control Damper (Ruskin CD36)	1,794.73	209.55
23 09 23 12-0234 EA 80" x 84" Volume Control Damper (Ruskin CD36)	1,916.48	209.55
23 09 23 12-0235 EA 84" x 40" Volume Control Damper (Ruskin CD36)	1,056.06	171.45
23 09 23 12-0236 EA 84" x 44" Volume Control Damper (Ruskin CD36)	1,156.55	190.50
23 09 23 12-0237 EA 84" x 48" Volume Control Damper (Ruskin CD36)	1,225.44	190.50
23 09 23 12-0238 EA 84" x 52" Volume Control Damper (Ruskin CD36)	1,300.39	190.50
23 09 23 12-0239 EA 84" x 56" Volume Control Damper (Ruskin CD36)	1,345.89	190.50
23 09 23 12-0240 EA 84" x 60" Volume Control Damper (Ruskin CD36)	1,402.21	190.50
23 09 23 12-0241 EA 84" x 64" Volume Control Damper (Ruskin CD36)	1,513.10	209.55
23 09 23 12-0242 EA 84" x 68" Volume Control Damper (Ruskin CD36)	1,585.89	209.55
23 09 23 12-0243 EA 84" x 72" Volume Control Damper (Ruskin CD36)	1,681.64	209.55
23 09 23 12-0244 EA 84" x 76" Volume Control Damper (Ruskin CD36)	1,851.05	209.55
23 09 23 12-0245 EA 84" x 80" Volume Control Damper (Ruskin CD36)	1,851.05	209.55
23 09 23 12-0246 EA 84" x 84" Volume Control Damper (Ruskin CD36)	1,972.80	209.55

23 09 23 12-0247 Low Leakage Rectangular Volume Control Dampers (Ruskin CD50) (23 09 23 12-0001)

23 09 23 12-0248 EA 8" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	290.24	57.15
23 09 23 12-0249 EA 8" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	352.47	57.15
23 09 23 12-0250 EA 8" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	395.38	57.15
23 09 23 12-0251 EA 8" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	439.92	76.20
23 09 23 12-0252 EA 8" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	484.98	76.20
23 09 23 12-0253 EA 8" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	525.75	76.20
23 09 23 12-0254 EA 8" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	532.18	76.20
23 09 23 12-0255 EA 8" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	613.21	95.25
23 09 23 12-0256 EA 12" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	290.24	57.15
23 09 23 12-0257 EA 12" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	352.47	57.15
23 09 23 12-0258 EA 12" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	433.48	76.20
23 09 23 12-0259 EA 12" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	439.92	76.20
23 09 23 12-0260 EA 12" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	523.09	95.25
23 09 23 12-0261 EA 12" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	563.86	95.25
23 09 23 12-0262 EA 12" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	570.29	95.25
23 09 23 12-0263 EA 12" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	651.31	114.29
23 09 23 12-0264 EA 16" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	298.82	57.15
23 09 23 12-0265 EA 16" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	405.59	76.20
23 09 23 12-0266 EA 16" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	454.94	76.20
23 09 23 12-0267 EA 16" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	497.34	95.25
23 09 23 12-0268 EA 16" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	546.69	95.25
23 09 23 12-0269 EA 16" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	627.71	114.29
23 09 23 12-0270 EA 16" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	634.14	114.29
23 09 23 12-0271 EA 16" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	687.79	114.29
23 09 23 12-0272 EA 20" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	354.09	76.20
23 09 23 12-0273 EA 20" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	433.48	76.20
23 09 23 12-0274 EA 20" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	523.09	95.25
23 09 23 12-0275 EA 20" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	529.52	95.25
23 09 23 12-0276 EA 20" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	610.54	114.29
23 09 23 12-0277 EA 20" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	666.33	114.29
23 09 23 12-0278 EA 20" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	719.45	133.34
23 09 23 12-0279 EA 20" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	762.36	133.34
23 09 23 12-0280 EA 24" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	371.25	76.20
23 09 23 12-0281 EA 24" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	488.76	95.25
23 09 23 12-0282 EA 24" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	540.25	95.25
23 09 23 12-0283 EA 24" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	586.94	114.29
23 09 23 12-0284 EA 24" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	644.87	114.29
23 09 23 12-0285 EA 24" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	736.61	133.34
23 09 23 12-0286 EA 24" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	747.34	133.34
23 09 23 12-0287 EA 24" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	800.99	133.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23	12-0288	EA	28" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	379.84	76.20
23 09 23	12-0289	EA	28" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	503.78	95.25
23 09 23	12-0290	EA	28" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	597.67	114.29
23 09 23	12-0291	EA	28" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	608.39	114.29
23 09 23	12-0292	EA	28" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	708.72	133.34
23 09 23	12-0293	EA	28" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	764.51	133.34
23 09 23	12-0294	EA	28" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	768.80	133.34
23 09 23	12-0295	EA	28" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	837.46	133.34
23 09 23	12-0296	EA	32" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	399.15	76.20
23 09 23	12-0297	EA	32" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	527.38	95.25
23 09 23	12-0298	EA	32" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	634.14	114.29
23 09 23	12-0299	EA	32" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	678.68	133.34
23 09 23	12-0300	EA	32" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	747.34	133.34
23 09 23	12-0301	EA	32" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	798.84	133.34
23 09 23	12-0302	EA	32" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	811.71	133.34
23 09 23	12-0303	EA	32" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	912.03	152.39
23 09 23	12-0304	EA	36" x 8" Low Leakage Volume Control Damper (Ruskin CD50)	456.57	95.25
23 09 23	12-0305	EA	36" x 12" Low Leakage Volume Control Damper (Ruskin CD50)	584.79	114.29
23 09 23	12-0306	EA	36" x 16" Low Leakage Volume Control Damper (Ruskin CD50)	651.31	114.29
23 09 23	12-0307	EA	36" x 20" Low Leakage Volume Control Damper (Ruskin CD50)	695.85	133.34
23 09 23	12-0308	EA	36" x 24" Low Leakage Volume Control Damper (Ruskin CD50)	768.80	133.34
23 09 23	12-0309	EA	36" x 28" Low Leakage Volume Control Damper (Ruskin CD50)	839.61	133.34
23 09 23	12-0310	EA	36" x 32" Low Leakage Volume Control Damper (Ruskin CD50)	881.99	152.39
23 09 23	12-0311	EA	36" x 36" Low Leakage Volume Control Damper (Ruskin CD50)	952.80	152.39
23 09 23	12-0312	EA	36" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,015.03	152.39
23 09 23	12-0313	EA	36" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,030.05	152.39
23 09 23	12-0314	EA	36" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,103.00	152.39
23 09 23	12-0315	EA	36" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,169.52	152.39
23 09 23	12-0316	EA	36" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,184.54	152.39
23 09 23	12-0317	EA	36" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,246.76	152.39
23 09 23	12-0318	EA	36" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,311.14	152.39
23 09 23	12-0319	EA	36" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,362.11	171.45
23 09 23	12-0320	EA	36" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,428.63	171.45
23 09 23	12-0321	EA	36" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	1,905.52	171.45
23 09 23	12-0322	EA	36" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	1,905.52	171.45
23 09 23	12-0323	EA	36" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	1,938.24	171.45
23 09 23	12-0324	EA	40" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,060.09	152.39
23 09 23	12-0325	EA	40" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,072.96	152.39
23 09 23	12-0326	EA	40" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,143.77	152.39
23 09 23	12-0327	EA	40" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,221.02	152.39
23 09 23	12-0328	EA	40" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,227.45	152.39
23 09 23	12-0329	EA	40" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,336.36	171.45
23 09 23	12-0330	EA	40" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,409.32	171.45
23 09 23	12-0331	EA	40" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,428.63	171.45
23 09 23	12-0332	EA	40" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,501.58	171.45
23 09 23	12-0333	EA	40" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,004.76	171.45
23 09 23	12-0334	EA	40" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,004.76	171.45
23 09 23	12-0335	EA	40" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,032.65	171.45
23 09 23	12-0336	EA	44" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,096.56	152.39
23 09 23	12-0337	EA	44" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,115.88	152.39
23 09 23	12-0338	EA	44" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,188.83	152.39
23 09 23	12-0339	EA	44" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,274.66	152.39
23 09 23	12-0340	EA	44" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,319.20	171.45
23 09 23	12-0341	EA	44" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,392.15	171.45
23 09 23	12-0342	EA	44" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,473.69	171.45
23 09 23	12-0343	EA	44" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,493.00	171.45
23 09 23	12-0344	EA	44" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,563.81	171.45
23 09 23	12-0345	EA	44" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,084.68	171.45
23 09 23	12-0346	EA	44" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,084.68	171.45
23 09 23	12-0347	EA	44" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,165.16	190.50
23 09 23	12-0348	EA	40" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,060.09	152.39
23 09 23	12-0349	EA	40" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,072.96	152.39
23 09 23	12-0350	EA	40" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,143.77	152.39
23 09 23	12-0351	EA	40" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,221.02	152.39
23 09 23	12-0352	EA	40" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,227.45	152.39
23 09 23	12-0353	EA	40" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,336.36	171.45
23 09 23	12-0354	EA	40" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,409.32	171.45
23 09 23	12-0355	EA	40" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,428.63	171.45
23 09 23	12-0356	EA	40" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,501.58	171.45
23 09 23	12-0357	EA	40" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,004.76	171.45
23 09 23	12-0358	EA	40" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,004.76	171.45
23 09 23	12-0359	EA	40" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,032.65	171.45
23 09 23	12-0360	EA	44" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,096.56	152.39
23 09 23	12-0361	EA	44" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,115.88	152.39
23 09 23	12-0362	EA	44" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,143.77	152.39
23 09 23	12-0363	EA	44" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,221.02	152.39
23 09 23	12-0364	EA	44" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,319.20	171.45
23 09 23	12-0365	EA	44" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,392.15	171.45
23 09 23	12-0366	EA	44" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,473.69	171.45
23 09 23	12-0367	EA	44" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,493.00	171.45
23 09 23	12-0368	EA	44" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,563.81	171.45
23 09 23	12-0369	EA	44" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,084.68	171.45
23 09 23	12-0370	EA	44" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,084.68	171.45

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 12-0371	EA	44" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,165.16	190.50
23 09 23 12-0372	EA	48" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,137.33	152.39
23 09 23 12-0373	EA	48" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,154.50	152.39
23 09 23 12-0374	EA	48" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,238.18	152.39
23 09 23 12-0375	EA	48" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,362.11	171.45
23 09 23 12-0376	EA	48" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,379.28	171.45
23 09 23 12-0377	EA	48" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,450.09	171.45
23 09 23 12-0378	EA	48" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,531.62	171.45
23 09 23 12-0379	EA	48" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,546.64	171.45
23 09 23 12-0380	EA	48" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,626.04	171.45
23 09 23 12-0381	EA	48" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	2,212.37	190.50
23 09 23 12-0382	EA	48" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	2,212.37	190.50
23 09 23 12-0383	EA	48" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	2,250.46	190.50
23 09 23 12-0384	EA	52" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,266.08	152.39
23 09 23 12-0385	EA	52" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,283.24	152.39
23 09 23 12-0386	EA	52" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,413.61	171.45
23 09 23 12-0387	EA	52" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,516.60	171.45
23 09 23 12-0388	EA	52" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,533.77	171.45
23 09 23 12-0389	EA	52" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,615.31	171.45
23 09 23 12-0390	EA	52" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,703.28	171.45
23 09 23 12-0391	EA	52" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,737.61	171.45
23 09 23 12-0392	EA	52" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,885.15	190.50
23 09 23 12-0393	EA	52" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,118.94	190.50
23 09 23 12-0394	EA	52" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,118.94	190.50
23 09 23 12-0395	EA	52" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,232.13	190.50
23 09 23 12-0396	EA	56" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,311.14	152.39
23 09 23 12-0397	EA	56" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,370.69	171.45
23 09 23 12-0398	EA	56" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,462.96	171.45
23 09 23 12-0399	EA	56" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,580.98	171.45
23 09 23 12-0400	EA	56" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,600.29	171.45
23 09 23 12-0401	EA	56" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,688.26	171.45
23 09 23 12-0402	EA	56" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,780.53	171.45
23 09 23 12-0403	EA	56" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,850.81	190.50
23 09 23 12-0404	EA	56" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	1,940.93	190.50
23 09 23 12-0405	EA	56" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,118.94	190.50
23 09 23 12-0406	EA	56" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,118.94	190.50
23 09 23 12-0407	EA	56" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,232.13	190.50
23 09 23 12-0408	EA	60" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,396.44	171.45
23 09 23 12-0409	EA	60" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,413.61	171.45
23 09 23 12-0410	EA	60" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	1,523.04	171.45
23 09 23 12-0411	EA	60" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	1,632.47	171.45
23 09 23 12-0412	EA	60" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	1,653.93	171.45
23 09 23 12-0413	EA	60" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	1,746.20	171.45
23 09 23 12-0414	EA	60" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	1,885.15	190.50
23 09 23 12-0415	EA	60" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	1,906.60	190.50
23 09 23 12-0416	EA	60" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,016.03	190.50
23 09 23 12-0417	EA	60" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,354.97	190.50
23 09 23 12-0418	EA	60" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,354.97	190.50
23 09 23 12-0419	EA	60" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,392.52	190.50
23 09 23 12-0420	EA	64" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,832.03	171.45
23 09 23 12-0421	EA	64" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,851.34	171.45
23 09 23 12-0422	EA	64" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,025.14	171.45
23 09 23 12-0423	EA	64" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,136.72	171.45
23 09 23 12-0424	EA	64" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,175.34	171.45
23 09 23 12-0425	EA	64" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,337.89	190.50
23 09 23 12-0426	EA	64" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,475.22	190.50
23 09 23 12-0427	EA	64" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,509.55	190.50
23 09 23 12-0428	EA	64" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,623.28	190.50
23 09 23 12-0429	EA	64" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,354.97	190.50
23 09 23 12-0430	EA	64" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,354.97	190.50
23 09 23 12-0431	EA	64" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,430.62	209.55
23 09 23 12-0432	EA	66" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,872.79	171.45
23 09 23 12-0433	EA	66" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,894.25	171.45
23 09 23 12-0434	EA	66" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,059.47	171.45
23 09 23 12-0435	EA	66" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,192.51	171.45
23 09 23 12-0436	EA	66" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,262.79	190.50
23 09 23 12-0437	EA	66" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,393.68	190.50
23 09 23 12-0438	EA	66" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,535.30	190.50
23 09 23 12-0439	EA	66" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,567.49	190.50
23 09 23 12-0440	EA	66" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,711.25	190.50
23 09 23 12-0441	EA	66" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,506.24	190.50
23 09 23 12-0442	EA	66" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,544.34	209.55
23 09 23 12-0443	EA	66" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,610.32	209.55
23 09 23 12-0444	EA	72" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,909.27	171.45
23 09 23 12-0445	EA	72" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,937.17	171.45
23 09 23 12-0446	EA	72" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,098.10	171.45
23 09 23 12-0447	EA	72" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,284.25	190.50
23 09 23 12-0448	EA	72" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,314.29	190.50
23 09 23 12-0449	EA	72" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,451.62	190.50
23 09 23 12-0450	EA	72" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,595.38	190.50
23 09 23 12-0451	EA	72" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,623.28	190.50
23 09 23 12-0452	EA	72" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,773.48	190.50
23 09 23 12-0453	EA	72" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,544.34	209.55

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0454 EA 72" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,544.34	209.55
23 09 23 12-0455 EA 72" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,610.32	209.55
23 09 23 12-0456 EA 76" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	1,954.33	171.45
23 09 23 12-0457 EA 76" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	1,984.37	171.45
23 09 23 12-0458 EA 76" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,183.40	190.50
23 09 23 12-0459 EA 76" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,340.04	190.50
23 09 23 12-0460 EA 76" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,359.35	190.50
23 09 23 12-0461 EA 76" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,509.55	190.50
23 09 23 12-0462 EA 76" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,661.90	190.50
23 09 23 12-0463 EA 76" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,698.38	190.50
23 09 23 12-0464 EA 76" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,888.82	209.55
23 09 23 12-0465 EA 76" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,742.29	209.55
23 09 23 12-0466 EA 76" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,742.29	209.55
23 09 23 12-0467 EA 76" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,799.15	209.55
23 09 23 12-0468 EA 80" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,003.68	171.45
23 09 23 12-0469 EA 80" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,031.58	171.45
23 09 23 12-0470 EA 80" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,228.46	190.50
23 09 23 12-0471 EA 80" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,393.68	190.50
23 09 23 12-0472 EA 80" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,408.70	190.50
23 09 23 12-0473 EA 80" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,567.49	190.50
23 09 23 12-0474 EA 80" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,728.42	190.50
23 09 23 12-0475 EA 80" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,811.58	209.55
23 09 23 12-0476 EA 80" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	2,968.21	209.55
23 09 23 12-0477 EA 80" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,742.29	209.55
23 09 23 12-0478 EA 80" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,742.29	209.55
23 09 23 12-0479 EA 80" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,799.15	209.55
23 09 23 12-0480 EA 84" x 40" Low Leakage Volume Control Damper (Ruskin CD50)	2,044.45	171.45
23 09 23 12-0481 EA 84" x 44" Low Leakage Volume Control Damper (Ruskin CD50)	2,101.86	190.50
23 09 23 12-0482 EA 84" x 48" Low Leakage Volume Control Damper (Ruskin CD50)	2,264.94	190.50
23 09 23 12-0483 EA 84" x 52" Low Leakage Volume Control Damper (Ruskin CD50)	2,449.47	190.50
23 09 23 12-0484 EA 84" x 56" Low Leakage Volume Control Damper (Ruskin CD50)	2,458.05	190.50
23 09 23 12-0485 EA 84" x 60" Low Leakage Volume Control Damper (Ruskin CD50)	2,608.26	190.50
23 09 23 12-0486 EA 84" x 64" Low Leakage Volume Control Damper (Ruskin CD50)	2,818.01	209.55
23 09 23 12-0487 EA 84" x 68" Low Leakage Volume Control Damper (Ruskin CD50)	2,865.22	209.55
23 09 23 12-0488 EA 84" x 72" Low Leakage Volume Control Damper (Ruskin CD50)	3,024.00	209.55
23 09 23 12-0489 EA 84" x 76" Low Leakage Volume Control Damper (Ruskin CD50)	3,902.68	209.55
23 09 23 12-0490 EA 84" x 80" Low Leakage Volume Control Damper (Ruskin CD50)	3,902.68	209.55
23 09 23 12-0491 EA 84" x 84" Low Leakage Volume Control Damper (Ruskin CD50)	3,987.97	209.55
23 09 23 12-0492 Rectangular Galvanized Volume Control Dampers (23 09 23 12)		
Note: Excludes actuators.		
23 09 23 12-0493 EA 8" x 8" Low Leakage Volume Control Damper (Johnson Controls VOPSN-008X008)	226.51	47.25
23 09 23 12-0494 EA 10" x 10" Low Leakage Volume Control Damper (Johnson Controls VOPSN-010X010)	254.92	51.82
23 09 23 12-0495 EA 12" x 12" Low Leakage Volume Control Damper (Johnson Controls VOPSN-012X012)	284.82	57.15
23 09 23 12-0496 EA 14" x 14" Low Leakage Volume Control Damper (Johnson Controls VOPSN-014X014)	329.58	67.06
23 09 23 12-0497 EA 16" x 16" Low Leakage Volume Control Damper (Johnson Controls VOPSN-016X016)	372.81	76.20
23 09 23 12-0498 EA 18" x 18" Low Leakage Volume Control Damper (Johnson Controls VOPSN-018X018)	379.40	85.73
23 09 23 12-0499 EA 20" x 20" Low Leakage Volume Control Damper (Johnson Controls VOPSN-020X020)	462.94	95.25
23 09 23 12-0500 EA 24" x 24" Low Leakage Volume Control Damper (Johnson Controls VOPSN-024X024)	553.01	114.29
23 09 23 12-0501 EA 32" x 32" Low Leakage Volume Control Damper (Johnson Controls VOPSN-032X032)	706.53	133.34
23 09 23 12-0502 EA 48" x 48" Low Leakage Volume Control Damper (Johnson Controls VOPSN-048X048)	1,036.78	152.39
23 09 23 12-0503 EA 60" x 60" Low Leakage Volume Control Damper (Johnson Controls VOPSN-060X060)	1,872.38	171.45
23 09 23 12-0504 EA 72" x 72" Low Leakage Volume Control Damper (Johnson Controls VOPSN-072X072)	2,371.11	190.50
23 09 23 12-0505 Round Galvanized Control Dampers (23 09 23 12)		
Note: Excludes actuators.		
23 09 23 12-0506 EA 6" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG06)	222.08	53.34
23 09 23 12-0507 EA 8" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG08)	229.80	57.15
23 09 23 12-0508 EA 10" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG10)	239.06	57.15
23 09 23 12-0509 EA 12" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG12)	265.74	64.77
23 09 23 12-0510 EA 14" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG14)	300.04	64.77
23 09 23 12-0511 EA 16" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG16)	327.07	76.20
23 09 23 12-0512 EA 18" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG18)	438.86	80.21
23 09 23 12-0513 EA 20" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG20)	458.59	83.14
23 09 23 12-0514 EA 22" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG22)	487.11	89.63
23 09 23 12-0515 EA 24" Diameter Round Low Leakage Volume Control Damper (Johnson Controls RCG24)	516.18	96.11
23 09 23 12-0516 Remote Damper Control (23 09 23 12)		
23 09 23 12-0517 EA Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-301B)	342.69	
For Each 10' Flexible Casing And Wire, Add		40.42
23 09 23 12-0518 EA Remote Cable Control Concealed Ceiling Regulator For Damper (Young Regulator Co. 270-275B)	334.43	
For Each 10' Flexible Casing And Wire, Add		40.42
23 09 23 12-0519 Control Damper Actuators (23 09 23 12)		
23 09 23 12-0520 EA 44 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo LMB24-SR)	611.15	125.91
23 09 23 12-0521 EA 90 IN-LB, 24 Volt AC/DC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo NMB24-SR)	655.61	125.91

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 12-0522 EA 90 IN-LB, 2 Position, 24 To 240 Volt AC Spring Return Direct Coupled Control Damper Actuator (Belimo NFBUP)	728.45	125.91
23 09 23 12-0523 EA 175 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo AMB24-SR)	763.25	125.91
23 09 23 12-0524 EA 90 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Spring Return Direct Coupled Control Damper Actuator (Belimo NFB24-SR).....	783.90	125.91
23 09 23 12-0525 EA 360 IN-LB, 24 Volt AC, 4-20mA, 2-10 Volt DC, Proportional Control, Non-Spring Return Direct Coupled Control Damper Actuator (Belimo GMB24-SR).....	865.11	125.91
23 09 23 13 Energy Meters (23 09 23)		
23 09 23 13-0001 Surge Protectors (23 09 23 13)		
23 09 23 13-0002 EA Surge Protector, T100's, Summit, BCU, UPCM, PCM, TCM (Transtector TR2255)	344.59	8.71
23 09 23 13-0003 EA Surge Protector, 1AC Outlet (Transtector TR2251)	259.41	8.71
23 09 23 13-0004 EA Surge Protector, 2 AC Outlets (Transtector TR2254)	405.99	8.71
23 09 23 13-0005 EA Surge Protector, DB-15 Connection (Transtector TR2259-DLP15)	217.82	8.71
23 09 23 13-0006 EA Surge Protector, DB-25 Connection (Transtector TR2259-DLP25)	217.82	8.71
23 09 23 13-0007 EA Surge Protector, DB-9 Connection (Transtector TR2259-DLP9)	217.82	8.71
23 09 23 13-0008 EA Surge Protector, Individual Wire Connection (Transtector TR2258)	316.87	8.71
23 09 23 13-0009 EA Surge Protector, Trane Communication Links (Transtector TR2257)	194.05	8.71
23 09 23 14 Flow Instruments (23 09 23)		
23 09 23 14-0001 Water Flow Meters (23 09 23 14)		
23 09 23 14-0002 EA Insertion Electromagnetic Water Flow Meter (Onicon F-3500)	5,168.37	94.75
Note: Excludes pipe fittings.		
23 09 23 14-0003 Air Flow Monitoring Stations (23 09 23 14)		
23 09 23 14-0004 EA Analog Transmitter, 2 Point, 3 Sensor Air Flow Monitoring Station (Ebtron GTA116)	4,149.56	146.30
Note: 10' cable, 36" x 24" typical duct size.		
23 09 23 14-0005 EA Analog Transmitter, 3 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)	5,928.33	146.30
Note: 10' cable, 48" x 36" typical duct size.		
23 09 23 14-0006 EA Analog Transmitter, 4 Point, 4 Sensor Air Flow Monitoring Station (Ebtron GTA116)	7,361.50	146.30
Note: 10' cable, 60" x 48" typical duct size.		
23 09 23 16 Gas Instruments (23 09 23)		
23 09 23 16-0001 Gas Sensors (23 09 23 16)		
23 09 23 16-0002 EA 6-1/4" x 6-1/8" CO2 Sensor, 0-2,000 ppm (Kele WCO-1B).....	2,139.62	52.23
23 09 23 16-0003 EA Wall Mounted CO2 Sensor, 0-2,000 ppm With LCD Display (Kele CD-AW-LCD)	941.04	34.83
23 09 23 16-0004 EA CO Monitor/Transmitter, 0 To 250 ppm (Kele GMT-CO-S2).....	1,696.71	52.23
Note: Solid state sensor.		
23 09 23 16-0005 EA CO2 Transmitter, Duct Mount, No Display, 0-10 Volt DC Out, 24 Volt AC/Volt DC, 0-10 Or 4-20mA, 0-2,000 ppm Range With CD-AD Duct Probe Assembly (CDE CD-AD-LCD; CD-AD)	909.31	62.69
23 09 23 19 Moisture Instruments (23 09 23)		
23 09 23 19-0001 Relative Humidity Sensors (23 09 23 19)		
23 09 23 19-0002 EA 3% Duct Mounted RH Sensor (Kele HD30K).....	558.16	62.69
23 09 23 19-0003 EA 10K Ohm Thermistor 3% Duct Mounted RH Sensor (Kele HD30K-T3)	573.98	62.69
23 09 23 19-0004 EA 3% RH Outdoor Air Sensor (Kele HO30K).....	644.30	87.06
23 09 23 19-0005 EA 2% Surface Mounted RH Transmitter (Kele HW20K)	512.68	34.83
23 09 23 21 Motion Instruments (23 09 23)		
23 09 23 21-0001 Peco Motion Sensors (23 09 23 21)		
23 09 23 21-0002 EA Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SA200-001).....	184.96	24.48
23 09 23 21-0003 EA Wall/Ceiling Mount Passive Infrared, 24 Volt, Slave Motion Sensor (Peco SB200-001).....	181.18	24.48
23 09 23 21-0004 EA Wall/Ceiling Passive Infrared, 24 Volt, Master Motion Sensor (Peco SD200-001)	244.51	24.48
23 09 23 21-0005 EA Wall/Ceiling Mount, Passive Infrared, 24 Volt, Master Time Sensor (Peco SD200-002)	216.56	24.48
23 09 23 21-0006 EA Door Switch Occupancy Sensor (Peco SE200-001).....	63.00	24.48
23 09 23 21-0007 EA Window Switch Occupancy Sensor (Peco SE200-002).....	57.80	24.48
23 09 23 21-0008 EA Power Pack And Controller (Peco SF200-001).....	111.34	24.48
23 09 23 23 Pressure Instruments (23 09 23)		
23 09 23 23-0001 Pressure Sensors (23 09 23 23)		
23 09 23 23-0002 EA 0 To 0.5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-005).....	747.87	73.52
23 09 23 23-0003 EA 0 To 5" W.C., Differential Pressure Transmitters With NEMA 1 Case (Kele T30-050).....	662.88	73.52
23 09 23 23-0004 EA 0.05 To 12" W.C., Adjustable Differential Pressure Switches (Kele AFS-222).....	251.59	73.52
23 09 23 23-0005 EA 0.05 To 2" W.C., Adjustable Differential Pressure Switches (Kele AFS-262)	261.47	73.52
23 09 23 23-0006 EA 0.4 To 2" W.C., Manual Reset Adjustable Differential Pressure Switches (Kele AFS-460)	280.80	73.52
23 09 23 23-0007 EA 0.05 To 12" W.C., 1/8" NPT, Adjustable Differential Pressure Switches (Kele AFS-145)	258.61	73.52
23 09 23 23-0008 EA 0 To 100 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P210D-BVA).....	2,817.97	73.52
Note: Excludes pipe fittings.		
23 09 23 23-0009 EA 0 To 60 psid, Bypass Valve Assembly Option, Water Differential Pressure Transmitter (Kele 360C-P160D-BVA).....	2,817.97	73.52
Note: Excludes pipe fittings.		
23 09 23 23-0010 EA Magnahelic Gauge.....	705.78	44.94

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 23-0011 Room Pressure Monitoring <small>(23 09 23 23)</small>		
23 09 23 23-0012 EA Hospital Room Pressure Monitor With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8640-PM)	3,430.35	76.20
23 09 23 23-0013 EA Hospital Room Pressure Controller With Digital Interface Monitor, Through Wall Sensor Transformer And Plenum Rated Cable (TSI 8630-PC)	5,499.39	76.20
Note: Excludes dampers and actuators.		
23 09 23 23-0014 EA Hospital Room Pressure Status Remote Visual Display (TSI 8694-4)	443.62	45.72
23 09 23 23-0015 EA Hospital Room Pressure Status Remote Negative/Neutral Key Switch (TSI 8694-7)	509.65	45.72
23 09 23 27 Temperature Instruments <small>(23 09 23)</small>		
23 09 23 27-0001 Air Temperature Sensors <small>(23 09 23 27)</small>		
23 09 23 27-0002 EA 10K Ohm Thermistor Duct Temperature Sensor (Kele ST-D24)	193.65	62.69
23 09 23 27-0003 EA 10K Ohm Thermistor Duct Temperature Sensor, 1/2" LB Conduit Fitting (Kele ST-D24-XCO)	278.65	62.69
23 09 23 27-0004 EA 10K Ohm Thermistor Duct Temperature Sensor With Greenfield Fitting (Kele ST-D24-XG)	203.43	62.69
23 09 23 27-0005 EA 10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing (Kele ST-D24-XH)	213.46	62.69
23 09 23 27-0006 EA 10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 18" Probe (Kele ST-D24-XH-XL18)	216.79	62.69
23 09 23 27-0007 EA 10K Ohm Thermistor Duct Temperature Sensor With Handibox Housing, 6" Probe (Kele ST-D24-XH-XL6)	213.50	62.69
23 09 23 27-0008 EA 10K Ohm Thermistor Duct Temperature Sensor With Non-Metallic Handibox Housing (Kele ST-D24-XHP)	215.27	62.69
23 09 23 27-0009 EA 10K Ohm Thermistor Duct Temperature Sensor With 4" Probe (Kele ST-D24-XL4)	232.16	62.69
23 09 23 27-0010 EA 10K Ohm Thermistor Duct Temperature Sensor With Weatherproof Housing (Kele ST-D24-XW)	246.91	62.69
23 09 23 27-0011 EA 10K Ohm Thermistor Outdoor Air Temperature Sensor (Kele ST-O24)	295.79	87.06
23 09 23 27-0012 EA 10K Ohm Thermistor Outdoor Air Temperature Sensor With 25' Lead (Kele ST-O24-XC25)	307.15	87.06
23 09 23 27-0013 EA Delta Style Surface Mounted 10K Ohm Thermistor Room Temperature Sensor (Kele BA/10K3-R-N-DF)	135.08	34.83
23 09 23 27-0014 EA Delta Style Surface Mounted AD592 Room Temperature Sensor (Kele BA/592-10K-R)	139.25	34.83
23 09 23 27-0015 EA Stainless Steel Plate 1K Ohm Room Temperature Sensor (Kele BA/1K8-SP)	128.28	34.83
23 09 23 27-0016 Water Temperature Sensors <small>(23 09 23 27)</small>		
23 09 23 27-0017 EA 5" Immersion 20K Ohm Water Temp Sensor (Honeywell C7041D2001)	157.59	67.37
23 09 23 27-0018 EA Strap-On 20K Ohm Water Temp Sensor (Honeywell C7041K2005)	351.74	67.37
23 09 23 27-0019 Peco Thermostats <small>(23 09 23 27)</small>		
23 09 23 27-0020 EA 3 Heating Stage, 2 Cooling Stage Programmable Thermostat With Humidification/Dehumidification Control (Peco T12532-IAQ)	386.79	16.32
23 09 23 27-0021 EA 3 Heating Stage, 2 Cooling Stage Programmable Thermostat (Peco T12532-001)	343.48	16.32
23 09 23 53 Proprietary Control Systems <small>(23 09 23)</small>		
23 09 23 53-0001 Primary Control Devices <small>(23 09 23 53)</small>		
23 09 23 53-0002 Energy Management - Building Management System <small>(23 09 23 53-0001)</small>		
23 09 23 53-0003 EA Global Control Modules	1,327.59	128.48
23 09 23 53-0004 EA MicroZone II Digital Controller	925.34	80.30
23 09 23 53-0005 EA MicroFlo II Variable Air Volume Digital Controller	505.83	69.38
23 09 23 53-0006 EA VAV Box DDC Controllers	656.34	75.80
23 09 23 53-0007 EA Lighting Control Relay Cabinet	1,737.57	256.96
23 09 23 53-0008 EA Flow Transmitter Assembly - Water (Turbine Type)	1,379.67	192.72
23 09 23 53-0009 EA Pressure Transmitter Assembly - Air Streams	495.57	64.24
23 09 23 53-0010 EA Differential Pressure Transmitter Assembly - Water	419.10	64.24
23 09 23 53-0011 EA Watt Transducer	679.11	64.24
23 09 23 53-0012 EA Differential Pressure Switch - Liquid	312.04	64.24
23 09 23 53-0013 EA Differential Pressure Switch - Air	266.15	64.24
23 09 23 53-0014 EA Differential Pressure Switch - Filters - Indicating	296.74	64.24
23 09 23 53-0015 EA Damper End Switch	388.51	64.24
23 09 23 53-0016 EA Automatic Dampers	978.16	82.22
23 09 23 53-0017 HVAC Instrumentation <small>(23 09 23 53)</small>		
23 09 23 53-0018 EA Heat Meter with M-Bus and RS-486. Panel Mount	1,793.72	54.41
Note: Contrec Model #212.10.		
23 09 23 53-0019 EA Heat Meter with M-Bus and RS-486. Wall Mount	1,694.68	65.30
Note: Includes high and low alarms. Contrec Model #212.20.		
23 09 23 53-0020 EA Flow Computer. Pulse input with signal conditioner. Panel Mount	1,759.73	54.41
Note: Contrec Model #405D.10A.		
23 09 23 53-0021 EA Flow Computer. Pulse input with signal conditioner. Panel Mount	2,366.68	54.41
Note: Includes isolated 4-20mA analog output. Contrec Model #405D.11A.		
23 09 23 53-0022 EA Flow Computer. Pulse input with signal conditioner. Panel Mount	2,153.04	54.41
Note: Includes RS 232/422/485 Communications. Contrec Model #405D.12A.		
23 09 23 53-0023 EA Gas and Steam Flow Computer. 4-20mA temp. Panel Mount	2,774.55	54.41
Note: Contrec Model #415A.10A.		
23 09 23 53-0024 EA Gas and Steam Flow Computer. 4-20mA temp. Panel Mount	3,376.65	54.41
Note: Includes isolated 4-20mA analog output. Contrec Model #415A.11A.		
23 09 23 53-0025 EA Gas and Steam Flow Computer. 4-20mA temp. Panel Mount	3,167.86	54.41
Note: Includes RS 232/422/485 communications. Contrec Model #415A.12A.		
23 09 23 53-0026 EA Gas and Steam Flow Computer. RTD temp. Panel Mount	2,830.39	54.41
Note: Contrec Model #415R.10A.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0027 EA Gas and Steam Flow Computer. RTD temp. Panel Mount Note: Includes isolated 4-20mA analog output. Contrec Model #415R.11A.	3,434.92	54.41
23 09 23 53-0028 EA Gas and Steam Flow Computer. RTD temp. Panel Mount Note: Includes RS 232/422/485 communications. Contrec Model #415R.12A.	3,223.70	54.41
23 09 23 53-0029 EA Base Model 500 Series Flow Computer. Panel Mount Note: Includes advanced output options, RS 232 communications. Contrec Model #505.112AFN-XX01.	2,349.69	54.41
23 09 23 53-0030 EA Flow Computer, Class 1. Panel Mount..... Note: Includes advanced output option, logging and backlit display. Contrec Model #515.111AFN-XX01.	3,211.56	54.41
23 09 23 53-0031 EA Flow Computer, Class 2. Panel Mount..... Note: Includes advanced output option, logging and backlit display. Contrec Model #515.111AFN-XX02.	4,063.72	54.41
23 09 23 53-0032 EA Flow Computer, Class 3. Panel Mount..... Note: Includes advanced output option, logging and backlit display. Contrec Model #515.111AFN-XX03.	4,709.51	54.41
23 09 23 53-0033 EMCS General Costs (23 09 23 53)		
23 09 23 53-0034 EMCS System Design Engineering (23 09 23 53-0033) Note: Hourly labor rates are used for engineering projects only. Not used in conjunction with construction tasks.		
23 09 23 53-0035 HR EMCS Site Inspection Of Existing Facilities.....	269.34	
23 09 23 53-0036 HR EMCS Engineering Project Management.....	269.34	
23 09 23 53-0037 HR EMCS System Engineering, Schematic Design And Layout.....	285.67	
23 09 23 53-0038 HR EMCS System Software Programming And Graphics Programming.....	285.67	
23 09 23 53-0039 HR EMCS Graphics Picture Creation.....	183.70	
23 09 23 53-0040 HR EMCS System Controls Training.....	269.34	
23 09 23 53-0041 HR EMCS On Site System Diagnostics Field Technician.....	269.34	
23 09 23 53-0042 HR EMCS Remote Technical Support Using Phone Or Internet.....	224.51	
23 09 23 53-0043 HR EMCS Travel Time (All Personnel).....	232.67	
23 09 23 53-0044 PNT EMCS Functional Performance Tests (Field Based Tests / Trend Analysis)..... Note: Priced per controller. Task used after warranty period only.	33.84	
23 09 23 53-0045 PNT EMCS Programming / Graphics..... Note: Priced per controller. Task used after warranty period only.	33.84	
23 09 23 53-0046 PNT EMCS As-Built / Operation And Maintenance Manuals / Training..... Note: Priced per controller. Task used after warranty period only.	25.64	
23 09 23 53-0047 Field Tests, Checkout And Commissioning (23 09 23 53-0033) Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0048 PNT EMCS Field Test..... Note: Priced per point.	142.89	
23 09 23 53-0049 PNT EMCS Field Checkout And Startup..... Note: Priced per point.	142.89	
23 09 23 53-0050 PNT EMCS Field Commissioning..... Note: Priced per point.	142.89	
23 09 23 53-0051 EA EMCS Field Balance Support..... Note: Priced per controller.	122.43	
23 09 23 53-0052 EMCS System Engineering/Submittal Design And Layout (23 09 23 53-0033) Note: A point is defined as any transmitter, switch, actuator, sensor or device (starter, VFD, controller, fan, electric coil, actuator, valve, etc.) that is monitored or controlled by the EMCS system. Most devices count as 1 point. Actuators, valves and thermostats count as 2 points.		
23 09 23 53-0053 PNT EMCS System Engineering/Submittal Design And Layout..... Note: Priced per point.	47.66	
23 09 23 53-0054 Alerton Controls (23 09 23 53)		
23 09 23 53-0055 EA 50 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-SMALL).....	9,470.50	
23 09 23 53-0056 EA 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-MEDIUM).....	12,266.00	
23 09 23 53-0057 EA Dashboard Option, 150 Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-MEDIUM).....	31,574.33	
23 09 23 53-0058 EA Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-LARGE).....	23,599.15	
23 09 23 53-0059 EA Dashboard Option, Unlimited Devices, 1 WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-LARGE).....	61,376.30	
23 09 23 53-0060 EA Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-ENTERPRISE).....	48,329.75	
23 09 23 53-0061 EA Dashboard Option, Unlimited Devices, SQL Derver Interface, Unlimited WEBtalk VM, Alerton Building Suite 3 (Alerton ABS-3-D-ENTERPRISE).....	73,968.67	
23 09 23 53-0062 EA Alerton Building Suite Tech License (Alerton ABS-3-TECH).....	2,018.30	
23 09 23 53-0063 EA Enterprise Edition With SQL Server Support, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-ENT1).....	27,846.98	
23 09 23 53-0064 EA Unlimited Controllers, Unlimited Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-LRG).....	20,278.95	
23 09 23 53-0065 EA 150 Controllers, 3 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-MED).....	12,207.25	
23 09 23 53-0066 EA 50 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-SM).....	7,409.53	
23 09 23 53-0067 EA 10 Controllers, 1 Workstation, Envision for BACTalk v2.6 (Alerton ENV-BT-2.6-XS).....	2,821.20	
23 09 23 53-0068 EA 1 Ethernet, 1 MS/TP, BACTalk Control Module (Alerton 715000100).....	5,167.59	261.19
23 09 23 53-0069 EA Foreign Protocol Converter For P1 Systems, BACTalk Control Module (Alerton BCM-FPCS).....	7,652.93	348.24
23 09 23 53-0070 EA Modbus Gateway, BACTalk Control Module (Alerton BCM-MDBS).....	7,550.51	348.24
23 09 23 53-0071 EA V.90/56K Modem, BACTalk Control Module (Alerton BCM-MDM).....	2,691.08	261.19
23 09 23 53-0072 EA 1 MS/TP, BACTalk Control Module (Alerton 715000300).....	3,291.32	261.19
23 09 23 53-0073 EA Power Supply, BACTalk Control Module (Alerton BCM-PWS).....	2,506.38	261.19
23 09 23 53-0074 EA 1 TUX Trunk, BACTalk Control Module (Alerton BCM-TUX).....	3,153.65	261.19
23 09 23 53-0075 EA Web Server And Configurator CD, BACTalk Control Module (Alerton BCM-WEB).....	7,660.88	261.19
23 09 23 53-0076 EA BACTalk Field Level Gateway For Modbus (Alerton FLG-MODBUS).....	3,382.43	348.24
23 09 23 53-0077 EA EXP BACnet Controller (Alerton VLX).....	7,474.23	696.49
23 09 23 53-0078 EA VLX BACnet High Performance Controller (Alerton VLX-PLATINUM).....	8,788.05	696.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0079	EA		Multiple Segment MS/TP Repeater (Alerton MSTP-REP).....	1,167.64	77.55
23 09 23 53-0080	EA		4 Inputs, 2 Flow Transducers, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD).....	2,166.40	261.19
23 09 23 53-0081	EA		4 Inputs, 2 Flow Transducers, 3 Binary Triac Outputs, 4 Ground-Switching Binary Triac Outputs, Dual-Duct VAV Controller (Alerton VAV-DD7).....	2,304.92	261.19
23 09 23 53-0082	EA		4 Inputs, 1 Flow Transducers, 3 Hot-Switching Binary Triac Outputs, 2 Ground-Switching Binary Triac Outputs, Single-Duct VAV Controller (Alerton VAV-SD).....	1,826.41	261.19
23 09 23 53-0083	EA		4 Universal Inputs, 5 Binary Outputs, 2 Analog Outputs, Single-Duct VAV Controller (Alerton VAV-SD2A).....	2,019.50	261.19
23 09 23 53-0084	EA		5 Universal Inputs, 6 Binary Outputs, Integral Honeywell Actuator, Single-Duct VAV Controller (Alerton VAViH-SD).....	2,011.10	261.19
23 09 23 53-0085	EA		11 Inputs, 8 Binary Triac Outputs, 8 Analog Outputs, BACtalk Field Controller For Central Plant Systems (Alerton VLC-1188).....	3,119.23	261.19
23 09 23 53-0086	EA		16 Inputs, BACtalk Field Controller (Alerton VLC-1600).....	2,356.13	261.19
23 09 23 53-0087	EA		16 Inputs, 16 Binary Triac Outputs, BACtalk Field Controller (Alerton VLC-16160).....	3,562.94	348.24
23 09 23 53-0088	EA		4 Universal Inputs, 4 Binary Outputs, 4 Analog Outputs, Field Controller (Alerton VLC-444).....	1,564.89	174.13
23 09 23 53-0089	EA		5 Inputs, 5 Binary Outputs, BACtalk Field Controller (Alerton VLC-550).....	1,509.47	174.13
23 09 23 53-0090	EA		6 Inputs, 2 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-651R).....	2,032.08	261.19
23 09 23 53-0091	EA		6 Inputs, 3 Binary Triac Outputs, 3 Isolated Relay Outputs, BACtalk Field Controller (Alerton VLC-660R).....	2,032.08	261.19
23 09 23 53-0092	EA		8 Inputs, 5 Binary Triac Outputs, 3 Analog Outputs, BACtalk Field Controller (Alerton VLC-853).....	2,479.53	261.19
23 09 23 53-0093	EA		16 Universal Inputs, 8 Binary Outputs, 8 Analog Outputs, Field Controller (Alerton VLCA-1688).....	5,032.89	348.24
23 09 23 53-0094	EA		2 Fixed Inputs, 3 Universal Inputs, 6 Binary Outputs, 2 Analog Outputs, VisualLogic Display Controller (Alerton VLD-362).....	2,111.83	261.19
23 09 23 53-0095	EA		Wireless Door Contact Sensor (Alerton AL-OC-DS).....	148.53	9.79
23 09 23 53-0096	EA		One-Speed BACtalk Microset Wall Sensor (Alerton MS-1010-BT).....	246.25	9.79
23 09 23 53-0097	EA		One-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1010H-BT).....	642.48	9.79
23 09 23 53-0098	EA		Three-Speed BACtalk Microset Wall Sensor (Alerton MS-1030-BT).....	642.48	9.79
23 09 23 53-0099	EA		Three-Speed BACtalk Microset Wall Sensor With RH Sensor (Alerton MS-1030H-BT).....	498.11	9.79
23 09 23 53-0100	EA		BACnet-Compliant Wall Sensor (Alerton TS-1050-BT).....	162.31	9.79
23 09 23 53-0101	EA		Wireless Temperature And Humidity Sensor (Alerton WTS-1000-KIT).....	678.59	9.79
23 09 23 53-0102	EA		Wireless Temperature And Humidity Sensor With Temperature Adjustment Knob And Manual Override (Alerton WTS-1050-KIT).....	762.55	9.79
23 09 23 53-0103	EA		10 12-Bit Inputs, 12 Binary Triac Outputs Expansion Module (Alerton EXP-10-12-0).....	3,110.84	261.19
23 09 23 53-0104	EA		10 12-Bit Inputs, 4 Binary Triac Outputs Expansion Module (Alerton EXP-10-4-8).....	3,317.34	261.19
23 09 23 53-0105	EA		22 12-Bit Inputs Expansion Module (Alerton EXP-22-0-0).....	3,139.38	261.19
23 09 23 53-0106	EA		50 Devices, Ascent Compass 1 Software, Small License (Alerton Compass-1-SM).....	10,115.19	
23 09 23 53-0107	EA		Global Controller Base Unit (Alerton ACM).....	5,526.55	261.19
23 09 23 53-0108	EA		External Battery Pack For ACM (Alerton ACM-BATT).....	1,199.66	145.28
23 09 23 53-0109	EA		Licenses The ACM For Capacity Of 32 Directly Connected Devices (Alerton ACM032).....	1,016.53	
23 09 23 53-0110	EA		Microset 4 Wall Sensor (Alerton MS4-THC).....	1,158.29	9.79
23 09 23 53-0111			Automated Logic Controls (23 09 23 53)		
23 09 23 53-0112	EA		0 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0100).....	3,527.78	261.19
23 09 23 53-0113	EA		0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M0320).....	7,763.28	783.56
23 09 23 53-0114	EA		2 Digital Outputs, 2 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M220nx).....	2,382.67	261.19
23 09 23 53-0115	EA		4 Digital Outputs, 10 Universal Inputs, 6 Analog Outputs Standalone Control Module (Automated Logic M4106nx).....	5,159.47	348.24
23 09 23 53-0116	EA		8 Digital Outputs, 10 Universal Inputs, 2 Analog Outputs Standalone Control Module (Automated Logic M8102nx).....	5,074.01	348.24
23 09 23 53-0117	EA		16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M16160).....	8,097.07	696.49
23 09 23 53-0118	EA		8 Digital Outputs, 8 Universal Inputs, 0 Analog Outputs Standalone Control Module (Automated Logic M880nx).....	4,518.55	348.24
23 09 23 53-0119	EA		0 Digital Outputs, 32 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX0320).....	4,587.43	261.19
23 09 23 53-0120	EA		16 Digital Outputs, 16 Universal Inputs, 0 Analog Outputs Expander Control Module (Automated Logic MX16160).....	7,584.34	696.49
23 09 23 53-0121	EA		No Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642).....	1,794.77	174.13
23 09 23 53-0122	EA		With Display, Interior Wall Mounted, Standalone Controller For Heat Pumps, Fan Coil Units And Other Packaged HVAC Equipment (Automated Logic RC642D).....	1,925.02	174.13
23 09 23 53-0123	EA		3 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN341+).....	2,675.88	174.13
23 09 23 53-0124	EA		1 Digital Outputs, 4 Universal Inputs, 1 Analog Outputs Controller For Pressure Independent VAV Applications (Automated Logic ZN141+).....	2,579.74	174.13
23 09 23 53-0125	EA		Air Flow Sensor And Damper Actuator Accessory For ZN341V+ Or ZN141V+ (Automated Logic ZASF).....	2,160.48	261.19
23 09 23 53-0126	EA		Unlimited Points, Front End Software For Building Control (Automated Logic WC).....	13,806.58	
23 09 23 53-0127	EA		500 Point, Front End Software For Building Control (Automated Logic WC500).....	8,593.76	
23 09 23 53-0128	EA		Enterprise Integration Option, Front End Software For Building Control (Automated Logic WC-ENTERPRISE).....	11,552.62	
23 09 23 53-0129			Cypress EnviroSystems Controls (23 09 23 53)		
23 09 23 53-0130			Wireless Pneumatic Thermostat (23 09 23 53-0129)		
Note: Wireless pneumatic thermostats, hub and repeaters must be installed by installers certified by the manufacturer.					
23 09 23 53-0131	EA		Two-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress EnviroSystems WPT-LoRa-T2DP).....	525.11	10.89
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-27.18	
For >200, Deduct				-54.31	
23 09 23 53-0132	EA		Two-Pipe Reverse Acting Wireless Pneumatic Thermostat (Cypress EnviroSystems WPT-LoRa-T2RP).....	525.11	10.89
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-27.18	
For >200, Deduct				-54.31	
23 09 23 53-0133	EA		Single-Pipe Direct Acting Wireless Pneumatic Thermostat (Cypress EnviroSystems WPT-LoRa-T1DP).....	525.11	10.89
Note: One for every thermostat to be retrofitted.					
For >50 To 200, Deduct				-27.18	
For >200, Deduct				-54.31	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0134	EA		Single-Pipe Indirect Acting Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP) Note: One for every thermostat to be retrofitted. <i>For >50 To 200, Deduct</i> <i>For >200, Deduct</i>	525.11 -27.18 -54.31	10.89
23 09 23 53-0135	EA		Two-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2DP-DB) Note: One for every thermostat to be retrofitted. <i>For >50 To 200, Deduct</i> <i>For >200, Deduct</i>	597.92 -31.23 -62.40	10.89
23 09 23 53-0136	EA		Two-Pipe Reverse Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T2RP-DB) Note: One for every thermostat to be retrofitted. <i>For >50 To 200, Deduct</i> <i>For >200, Deduct</i>	597.92 -31.23 -62.40	10.89
23 09 23 53-0137	EA		Single-Pipe Direct Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-800-T1DP-DB) Note: One for every thermostat to be retrofitted. <i>For >50 To 200, Deduct</i> <i>For >200, Deduct</i>	597.92 -31.23 -62.40	10.89
23 09 23 53-0138	EA		Single-Pipe Indirect Acting Deadband Wireless Pneumatic Thermostat (Cypress Envirosystems WPT-LoRa-T1RP-DB) Note: One for every thermostat to be retrofitted. <i>For >50 To 200, Deduct</i> <i>For >200, Deduct</i>	597.92 -31.23 -62.40	10.89
23 09 23 53-0139	EA		Wireless Pneumatic Thermostat Blank Cover (Cypress Envirosystems WPT-800-MCOV) Note: Optional cover. <i>For >50 To 200, Deduct</i> <i>For >200, Deduct</i>	42.11 -1.74 -3.47	10.89
23 09 23 53-0140	EA		Green Box Controller (Cypress Envirosystems GBC-830-COM) Note: One unit for up to 100 thermostats. <i>For 2, Deduct</i> <i>For >2, Deduct</i>	4,717.38 -238.08 -475.74	10.89
23 09 23 53-0141	EA		WPT USB Hub (Cypress Envirosystems WPT-800-HUSB) Note: One unit for up to 100 thermostats. <i>For 2, Deduct</i> <i>For >2, Deduct</i>	466.82 -25.35 -50.65	10.89
23 09 23 53-0142	EA		WPT Repeater (Cypress Envirosystems WPT-800-RWAL) Note: One unit for up to 15 thermostats. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	807.54 -41.87 -83.67	10.89
23 09 23 53-0143	EA		24 Volt, WPT Repeater (Cypress Envirosystems WPT-800-RWAL24V) Note: One unit for up to 15 thermostats. <i>For >5 To 10, Deduct</i> <i>For >10, Deduct</i>	984.61 -48.69 -97.30	10.89
23 09 23 53-0144			Delta Controls (23 09 23 53)		
23 09 23 53-0145			Software (23 09 23 53-0144) Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0146	EA		Orca Software Unlimited Points License (Delta Controls DOW333-USB).....	2,404.55	
23 09 23 53-0147	EA		Orca Graphics Module, Delta Controls Orca View With Graphics Creation Capabilities (Delta Controls DOW333-I-USB).....	4,130.46	
23 09 23 53-0148	EA		Orca Historical Module, Delta Controls Historian Package With Unlimited Archiving Trend Logs (Delta Controls DHS330-HL-USB).....	8,949.33	
23 09 23 53-0149	EA		Web Server Unlimited Points License, Delta Controls Web Server Front End (Delta Controls DWS330-L-USB).....	14,107.52	
23 09 23 53-0150	EA		Web Server Limited Points (Maximum I/O 2500) License, Delta Controls Web Server Front End (Delta Controls DWS330-M-USB)	7,223.42	
23 09 23 53-0151	EA		Web Server Limited Points (Maximum I/O 250) License, Delta Controls Web Server Front End (Delta Controls DWS330-S-USB).....	2,404.55	
23 09 23 53-0152	EA		100 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.01)	5,846.60	
23 09 23 53-0153	EA		1,000 User Energy Portal, Data Collection Controller, Web PC Server Program License (Delta Controls EP-2.02)	7,223.42	
23 09 23 53-0154	EA		KW Meter With H8163-2400-4-3 Series, With 3, 2,400 Amperes CT's And BACnet MS/TP Interface (Delta Controls H8186-CB)	2,514.30	108.83
23 09 23 53-0155	EA		Delta Controls Touch Screen (Delta Controls DHMI-7-I)	2,797.17	
23 09 23 53-0156			EMCS Central Equipment And Controllers (23 09 23 53-0144)		
23 09 23 53-0157	EA		Fully Programmable, Native BACnet Building Controller (Delta Controls DSC-1616E + DFM1616) Note: Includes 32 Universal Inputs/32 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), SubLAN (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS, Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup	8,414.91	435.30
23 09 23 53-0158	EA		Fully Programmable, Native BACnet Building Controller, 16 Universal Inputs/16 Analog Or Binary Outputs HOA's, Twisted-Pair Ethernet Port, BACnet IP, BACnet Over Ethernet, Main LAN RS-485 BACnet MS/TP (Maximum Of 99 Devices), Sublan (Net2) BACnet MS/TP (Maximum 99 Devices) Or Delta LINKnet At 76,800 BPS (Maximum 12 Devices On LINKnet, With 2 DFM Devices) Serial RS-232 BACnet PTP, Real-Time Clock With Lithium Battery And SRAM Backup (Delta Controls DSC-1616E).....	6,212.00	435.30
23 09 23 53-0159	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,377.38	435.30
23 09 23 53-0160	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 8 Analog Or Binary Outputs (Delta Controls DAC-1180).....	4,377.38	435.30
23 09 23 53-0161	EA		Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 11 Universal Inputs, 4 Analog Output Or 6 Binary (Triac) Outputs (Delta Controls DAC-1146)	4,377.38	435.30

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0162 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	4,041.89	435.30
23 09 23 53-0163 EA VAV Controllers Are Native BACnet Application Controllers That Are Fully Programmable, Communicate On A RS-485 LAN Using The MS/TP BACnet Protocol, 3 Universal Inputs, 4 Binary Outputs, Actuator Position Feedback, Supports 4 BACstat Network Sensors On LINKnet For Room Sensing And Control Or 2 Delta Field Modules On LINKnet For I/O Expansion (Delta Controls DVC-304AF).....	1,479.86	217.65
23 09 23 53-0164 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240).....	1,331.85	217.65
23 09 23 53-0165 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 6 Universal Inputs, 3 Binary (Triac) Outputs And 3 Analog Outputs (Delta Controls DAC-633 R3).....	1,430.06	217.65
23 09 23 53-0166 EA Fully Programmable, Native BACnet Advanced Application Controller That Communicates On A RS-485 LAN Using The BACnet MS/TP Protocol, 4 Binary Triac Outputs (24 Volt AC), 3 Binary Relay Outputs For Fan Speed Control, 240 Volt AC, 1 HP (60 LRA/10 FLA) LED Status Indication Of Each Output (Delta Controls DFC-304R3-240).....	1,331.85	217.65
23 09 23 53-0167 EA Remotely Expandable I/O To Delta's BACnet Controllers, 16 Universal Inputs, 16 Analog Outputs (Delta Controls DFM-1616).....	3,291.18	272.06
23 09 23 53-0168 EA Remotely Expandable I/O To Delta's BACnet Controllers, 4 Universal Inputs, 4 Analog Outputs (Delta Controls DFM-440).....	796.20	108.83
23 09 23 53-0169 EA Remotely Expandable I/O To Delta's BACnet™ Controllers, 4 Universal Inputs, 4 Binary Triac Outputs (Delta Controls DFM-404).....	858.60	108.83
23 09 23 53-0170 EA Remotely Expandable I/O To Delta's BACnet™ Controllers, 16 Universal Inputs (Delta Controls DFM-1600).....	1,020.45	108.83
23 09 23 53-0171 Network, VAV And Special Sensors (23 09 23 53-0144)		
23 09 23 53-0172 EA BACnet MS/TP VAV Network Room Temperature Sensor With LCD Display (Delta Controls DNS-24).....	272.83	34.83
23 09 23 53-0173 EA BACnet MS/TP VAV Network Temperature And Humidity Sensor With LCD Display (Delta Controls DNS-H24).....	373.30	39.18
23 09 23 53-0174 EA Programmable BACnet MS/TP Thermostat With 8 Button Keypad And LCD Display For DX Unit, Fan Coils And RTU (Delta Controls DAC-T305-G2B).....	750.69	16.32
23 09 23 53-0175 Honeywell Controls (23 09 23 53)		
23 09 23 53-0176 EMCS Central Equipment And Controllers (23 09 23 53-0175)		
23 09 23 53-0177 Computer Equipment And Printers (23 09 23 53-0176) See CSI section 11 28 13 00-0000 for PCs, monitors and printers.		
23 09 23 53-0178 EMCS Network Area Controllers (BACnet Or Lon) (23 09 23 53-0176) Note: Includes loading software, software license, loading data base and mounting on wall.		
23 09 23 53-0179 EA Network Area Java Controller Supporting 126 Devices (Honeywell WC2003B2004)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 minimum RS-232 serial ports, 1 minimum RS-485 electrically isolated ports, 1 LonWorks port (supports 126 devices), and web user interface software.	11,876.49	530.53
23 09 23 53-0180 EA Network Area Java Controller Supporting 27 Devices (Honeywell WC2003B1022)..... Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-232 port, 1 RS-485 port, 1 LonWorks port with driver, Lon tunnel service, BACnet driver, wind river VxWorks OS with Jeode java virtual machine, Niagara control engine and web user interface software (supports 27 device).	7,941.11	530.53
23 09 23 53-0181 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Supports up to 10 devices.	5,946.09	530.53
23 09 23 53-0182 EA Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-EZ)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, 1 RS-232 serial port, 1 RS-485 serial port, NDIO port, 2 communication card option slots, BACnet IP Client, and BACnet MS/TP. Includes WEB user interface and Enterprise connectivity pack.	7,533.66	530.53
23 09 23 53-0183 EA Niagara Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LN)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485 communications. Includes Niagara network ethernet communication between stations.	5,891.43	530.53
23 09 23 53-0184 EA Web UI Network Area Java Controller Supporting 10 Devices (Honeywell WEB-201-LU)..... Note: Includes 128 MB RAM / 64 MB Flash, 2 10/100 Mb ethernet ports, factory installed LON card, NDIO port and MODBus TCP driver. Excludes RS232 and RS485.	5,891.43	530.53
23 09 23 53-0185 EA 16 Point BACnet IP Network Area Java Controller (Honeywell WEB-216-B)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,440.49	530.53
23 09 23 53-0186 EA 16 Point Web UI And BACnet IP Network Area Java Controller (Honeywell WEB-216-BU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,016.89	530.53
23 09 23 53-0187 EA 16 Point Niagara Network Area Java Controller (Honeywell WEB-216-N)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	6,440.49	530.53
23 09 23 53-0188 EA 16 Point Web UI And Niagara Network Area Java Controller (Honeywell WEB-216-NU)..... Note: Includes 16 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,016.89	530.53
23 09 23 53-0189 EA 34 Point BACnet IP Network Area Java Controller (Honeywell WEB-234-B)..... Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIO port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.	7,021.86	530.53

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0190 EA 34 Point Web UI and BACnet IP Network Area Java Controller (Honeywell WEB-234-BU).....	7,598.25	530.53
Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIS port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 53-0191 EA 34 Point Niagara Network Area Java Controller (Honeywell WEB-216-N).....	7,021.86	530.53
Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIS port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this controller.		
23 09 23 53-0192 EA 34 Point Web UI and Niagara Network Area Java Controller (Honeywell WEB-216-NU).....	7,598.25	530.53
Note: Includes 34 IO point equipment controller consisting of a controller, one IO-16 module and BACnet IP client communications. Includes 64 MB RAM / 64 MB Flash, 2 10/100 MB ethernet ports, NDIS port and 2 communication card option slots. Excludes RS232 and RS485. The LON card is not an option on this.		
23 09 23 53-0193 EA Network Area Java Controller Supporting 27 Devices (Controller Only) (Honeywell WEB-403-AX).....	7,506.33	530.53
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.		
23 09 23 53-0194 EA Unrestricted Network Area Java Controller Supporting 27 Devices (Controller Only).....	9,431.78	530.53
Note: Unrestricted limit on connected devices. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. Honeywell WEB-403-EXP-AX. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0195 EA Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EZ).....	10,025.57	530.53
Note: Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service.		
23 09 23 53-0196 EA Expanded Easy Pack Network Area Java Controller Supporting 27 Devices (Honeywell WEB-403-EXP-EZ).....	11,951.03	530.53
Note: Unrestricted limit on connected devices. Includes controller plus User Interface Station Pack and Enterprise Connectivity Station Pack bundled as an "easy-order" bundle. Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 1 RS-485 port, 1 RS-232 port, 1 LonWorks FTT 10 port, 6 universal inputs (analog or contact/pulse input), 4 form C (SPDT) relay outputs. Excludes UI service and Enterprise connectivity service. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0197 EA Network Area Java Controller Supporting 124 Devices (Controller Only) (Honeywell WEB-545-AX).....	10,052.90	530.53
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other WEBs controllers, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Excludes UI service and Enterprise connectivity service.		
23 09 23 53-0198 EA Easy Pack Network Area Java Controller Supporting 124 Devices (Honeywell WEB-545-EZ).....	13,722.45	530.53
Note: Includes 128 MB RAM / 32 MB Flash, 10/100 MB ethernet port, 4 RS-485 port, 2 RS-232 port, 1 LonWorks port. As with other JACEs, capacity is limited by the characteristics of the application. Unit is supplied with a steel, wall mountable enclosure, and 120 volt power supply. Includes WEB-545-AX plus User Interface Station Pack (UI-SP-5XX) and Enterprise Connectivity Station Pack (EC-SP-5XX) bundled as an "easy-order" bundle.		
23 09 23 53-0199 EMCS Network Interfaces (23 09 23 53-0176)		
Note: Includes installation, start-up and tech labor.		
23 09 23 53-0200 EA Serial LonTalk Adapter For LonWorks Bus And A PC (Honeywell Q7760A2001).....	1,749.78	146.92
Note: For desktop computer.		
23 09 23 53-0201 EA Serial LonTalk Card For LonWorks Bus And A PC (Honeywell Q7752B2009).....	1,482.71	97.94
Note: For laptop computer.		
23 09 23 53-0202 EA FTT-10 To FTT-10 Router (Honeywell Q7751A2010).....	1,884.64	183.70
23 09 23 53-0203 EA 4FTT-10 To TP/FTT-1250 Multi Port Router (Honeywell Q7751J2002).....	2,916.93	265.32
23 09 23 53-0204 EA Two Way Lon Repeater (Honeywell Q7740A1008).....	1,478.43	265.32
23 09 23 53-0205 EA FTT Termination Module For Network Bus (Honeywell 209541B).....	102.26	32.65
23 09 23 53-0206 DDC Application Specific Controller Assemblies (23 09 23 53-0176)		
Note: Includes submittal generation, installation, field test, checkout and start-up. Includes control enclosure, transformer, terminal strip and ancillary devices. (For example, fan coil unit include valves, actuators with controller and thermostat; VAVs include controller, thermostat and hot water valve if VAV has reheat coil). Excludes graphics and database generation. Excludes discharge air sensor.		
23 09 23 53-0207 EA Up To 10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,705.14	599.94
23 09 23 53-0208 EA >10 Factory Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,297.03	355.08
23 09 23 53-0209 EA Up To 10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,876.54	702.78
23 09 23 53-0210 EA >10 Field Installed Cooling Only Or Electric Reheat VAV Or FPB Controller Assemblies.....	2,468.44	457.92
23 09 23 53-0211 EA Up To 10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,189.39	734.65
23 09 23 53-0212 EA >10 Factory Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	2,883.26	550.45
23 09 23 53-0213 EA Up To 10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,373.01	844.83
23 09 23 53-0214 EA >10 Field Installed Steam Or Hot Water Heating VAV Or FPB Controller Assemblies.....	3,042.36	646.54
23 09 23 53-0215 EA Up To 10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,377.65	599.85
23 09 23 53-0216 EA >10 Factory Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	1,969.54	355.08
23 09 23 53-0217 EA Up To 10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,602.16	734.65
23 09 23 53-0218 EA >10 Field Installed Application Specific Heat Pump Or Gas Heat With DX Cooling Controller Assemblies.....	2,193.95	489.72
23 09 23 53-0219 EA Up To 10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,220.61	609.73
23 09 23 53-0220 EA >10 Factory Installed Application Specific Fan Coil Unit Controller Assemblies.....	2,804.35	498.42
23 09 23 53-0221 EA Up To 10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,445.11	844.82
23 09 23 53-0222 EA >10 Field Installed Application Specific Fan Coil Unit Controller Assemblies.....	3,028.75	561.54
23 09 23 53-0223 EA Up To 10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	4,106.88	844.82
23 09 23 53-0224 EA >10 Factory Installed Application Specific Unit Ventilator Controller Assemblies.....	3,735.56	539.78
23 09 23 53-0225 EA Up To 10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	4,555.91	844.82
23 09 23 53-0226 EA >10 Field Installed Application Specific Unit Ventilator Controller Assemblies.....	4,184.48	632.29

	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 09 23 53-0227

DDC Programmable Controller Assemblies (23 09 23 53-0176)

Note: Includes installation, field test, checkout and start-up. Includes control enclosure, transformer and terminal strip only. Excludes ancillary devices. Excludes submittal generation/system engineering and database generation. See CSI section 23 09 23 53-0234 for additional components.

23 09 23 53-0228	EA	3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	2,723.85	648.93
23 09 23 53-0229	EA	Oversized Enclosure 3 AO, 6 UI, 8 DO And 4 DI Small Programmable Controller Assemblies.....	3,194.93	648.93
23 09 23 53-0230	EA	6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	4,328.29	763.20
23 09 23 53-0231	EA	Oversized Enclosure 6 AO, 8 AI, 8 DO And 8 DI Medium Programmable Controller Assemblies.....	4,799.36	763.20
23 09 23 53-0232	EA	10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	8,012.37	893.80
23 09 23 53-0233	EA	Oversized Enclosure 10 AO, 16 AI, 16 DO And 16 DI Large Programmable Controller Assemblies.....	8,556.92	893.80

23 09 23 53-0234

EMCS Optional DDC Controller Hardware (23 09 23 53-0176)

Note: Used to expand the capacity of DDC programmable controller assemblies.

23 09 23 53-0235	EA	6 DO (Repay), 3 AI, 3 DI AHU Controller (Honeywell W7750A2005).....	566.46	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0236	EA	6 AI, 5 DI, 8 DO (Triac) AHU Controller (Honeywell W7750B2011).....	654.66	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0237	EA	3 AO, 6 AI, 5 DI, 5 DO (Triac) AHU Controller (Honeywell W7750C2001).....	685.71	
		Note: For constant volume single zone and heat pump AHUs.		
23 09 23 53-0238	EA	VAV Controller Compatible Printed Wiring Board (Honeywell W7751B2010).....	647.20	
23 09 23 53-0239	EA	VAV Controller With Internally Wired Subbase (Honeywell W7751D2016).....	657.14	
23 09 23 53-0240	EA	VAV Controller With Externally Wired Subbase (Honeywell W7751F2011).....	642.23	
23 09 23 53-0241	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751H2025).....	552.79	
23 09 23 53-0242	EA	VAV Controller With Premounted ML6161 Actuator (Honeywell W7751J2004).....	480.74	
23 09 23 53-0243	EA	Fan Coil Unit Controller With Electric Reheat Relay (Honeywell W7752F2002).....	704.34	
23 09 23 53-0244	EA	Fan Coil Unit Controller Without Electric Reheat Relay (Honeywell W7752G2000).....	629.81	
23 09 23 53-0245	EA	Unit Ventilator Controller With Heating, Cooling, Actuator And Fan Control (Honeywell W7753A2002).....	695.65	
23 09 23 53-0246	EA	Building Manager, Monitor And Control HVAC Equipment (Honeywell W7760A2011).....	1,477.01	
23 09 23 53-0247	EA	Plant Controller, Monitor And Control HVAC Equipment (Honeywell W7760C2017).....	1,837.26	
23 09 23 53-0248	EA	Remote IO Device For Ancillary Point Monitoring And Control (Honeywell W7761A2002).....	918.01	
23 09 23 53-0249	EA	Remote IO, UUKL-UL 864 Approved (Honeywell W7761A2010).....	904.34	
23 09 23 53-0250	EA	Hydronic Controller Without Wall Module (Honeywell W7762B1027).....	443.48	
23 09 23 53-0251	EA	Hydronic Controller With Built-in Wall Module (Honeywell W7763C1016).....	504.35	
23 09 23 53-0252	EA	IO Module, 24 Volt AC Without Overrides (Honeywell XFC3A06001).....	931.67	
23 09 23 53-0253	EA	IO Module, 24 Volt AC With Overrides (Honeywell XFC3D06001).....	996.27	
23 09 23 53-0254	EA	AI Module (Honeywell XFL521B).....	623.60	
23 09 23 53-0255	EA	AO Module (Honeywell XFL522B).....	623.60	
23 09 23 53-0256	EA	DI Module (Honeywell XFL523B).....	623.60	
23 09 23 53-0257	EA	DO Module (Honeywell XFL524B).....	623.60	
23 09 23 53-0258	EA	Distributed IO, Lonwork Bus Connector Module With Endplate (Honeywell XSL511).....	110.56	
23 09 23 53-0259	EA	Distributed IO, Terminal Block For AI, AO And DI Modules (Honeywell XSL513).....	208.69	
23 09 23 53-0260	EA	Distributed IO, Terminal Block For DO Modules (Honeywell XSL514).....	204.97	
23 09 23 53-0261	EA	Lon Analog IO Module, 24 Volt AC/DC, 10 Digital Inputs (Honeywell XIO-10DI).....	627.33	
23 09 23 53-0262	EA	Lon Hub (Honeywell XIO-HUB).....	93.17	
23 09 23 53-0263	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Outputs (Honeywell XIO-4AO).....	627.33	
23 09 23 53-0264	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Inputs (Honeywell XIO-4DI).....	577.64	
23 09 23 53-0265	EA	Lon Digital IO, 24 Volt AC/DC, 4 Digital Outputs (Honeywell XIO-4DO).....	577.64	
23 09 23 53-0266	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog Inputs (Honeywell XIO-4NTC).....	608.69	
23 09 23 53-0267	EA	Lon Analog IO, 24 Volt AC/DC, 4 Analog PT1000 Inputs (Honeywell XIO-4PT1000).....	608.69	
23 09 23 53-0268	EA	Lon Analog IO, 24 Volt AC/DC, 8 Analog Inputs (Honeywell XIO-8AI).....	875.77	
23 09 23 53-0269	EA	16 Point IO Module For Network Area Controllers (Honeywell WEB-IO-16).....	1,033.54	
		Note: Includes 8 universal inputs, 4 relay outputs, and 4 analog outputs.		
23 09 23 53-0270	EA	34 Point IO Module For Network Area Controllers (Honeywell W7750A2005).....	2,196.26	
		Note: Includes 16 universal inputs, 10 relay outputs, and 8 analog outputs.		

23 09 23 53-0271

EMCS Software (23 09 23 53-0175)

23 09 23 53-0272

Software Packages And License (23 09 23 53-0271)

Note: Includes installation on equipment.

23 09 23 53-0273	EA	On Board Programming Tool For Network Area Controllers (Honeywell WP-AX-WEB).....	700.62	
		Note: Requires UI services to be installed on NAC.		
23 09 23 53-0274	EA	Software Upgrade To Provide Unrestricted Connected Device Limit (Honeywell WEB-403-EXUP-AX).....	2,625.56	
		Note: Upgrade existing network area controller. As with other WEBs controllers, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0275	EA	WEBStation-AX Software For Windows (Honeywell WEB-S-AX).....	7,826.05	
		Note: Includes Archon database. WEBs controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes one copy of WP-AX (WEBPro-AX).		
23 09 23 53-0276	EA	Small Building WEBStation-AX Based Software (Honeywell WEB-S-AX-SBS).....	4,658.36	
		Note: For up to 3 NAC controllers. NAC controllers must have Enterprise Connectivity Station Pack (EC-SP). Includes Archon database.		
23 09 23 53-0277	EA	Upgrade Small Building To Large Building Software.....	5,234.24	
		Note: Upgrade WEB-S-AX-SBS to WEB-S-AX.		
23 09 23 53-0278	EA	Additional Copy Of WEBPro-AX (Honeywell WEB-S-AX-W).....	3,638.85	
		Note: One copy is included with WEB-S-AX and WEBStation-AX.		
23 09 23 53-0279	EA	WEBs Energy Suite (WES) Base Software (Honeywell WES-BASE-AX).....	6,551.88	
		Note: Includes license for 10 points of E ² Profiler and 2 licensed meters of Cost Profiler. Limit of one WES-BASE per WEBStation-AX Supervisor. Additional E ² Profiler point requirements or Cost Profiler meter requirements may use one or any combination of point/meter bundles. One WES-BASE required per WES project.		
23 09 23 53-0280	EA	Perpetual License One Meter Point Bundle Of A Cost Profiler Meter And Two E ² Profiler Points (Honeywell WES-CP-AX).....	781.72	
		Note: Can be combined with the required single instance of WES-BASE as well as with any combination of other EP points and CP meters.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0281 EA Perpetual License For One Point Of E ² Profiler (Honeywell WES-E2-AX).....	489.80	
Note: Can be combined with the required single instance of VES-BASE as well as with any number of other EP Points and Cost Profiler meters.		
23 09 23 53-0282 EA Perpetual License For An Unlimited Bundle Of E2 Points And CP Meters	35,873.48	
Note: Sold on a per server basis. Purchase of this product must be accompanied by VES-M1-ENT-AX maintenance. The first year price of maintenance is included with VES-ENT-AX.		
23 09 23 53-0283 EA Annual Maintenance For Enterprise WEBS-AX Energy Suite (Honeywell WES-M1-ENT-AX).....	32,706.08	
Note: The first year cost of VES-M1-ENT-AX is included with VES-ENT-AX. After the first year VES-M1-ENT-AX maintenance fee will be invoiced annually.		
23 09 23 53-0284 EA Standard WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX)	12,479.44	
23 09 23 53-0285 EA Small WEBStation-AX Supervisor Bundled With WES-BASE-AX (Honeywell WES-S-AX-SBS).....	9,311.76	
23 09 23 53-0286 EA Add 500 Modbus TCP Points To WEBStation With WS-OSD Option (Honeywell WS-MTCP-500).....	2,691.91	
23 09 23 53-0287 EA Add 500 OPC Points To WEBStation With WS-OSD Option (Honeywell WS-OPC-500)	2,691.91	
23 09 23 53-0288 EA Vykon Oracle Driver For Support Of Oracle Database (Honeywell WS-ORCL).....	18,633.45	
Note: Excludes Oracle.		
23 09 23 53-0289 EA Open System Driver Option (Honeywell WS-SNMP-500).....	2,484.46	
Note: Adds 25 points each of BACnet IP, OPC (client), Modbus TCP and SNMP to a standard WEBStation. Can be purchase with the WS or added later. Web Supervisor required to purchase this option.		
23 09 23 53-0290 EA Add 500 SNMP Points To WEBStation With WS-OSD Option (Honeywell WS-SNMP-500).....	2,691.91	
23 09 23 53-0291 EA WEBStation Software WS-1 And First Copy Of WEBPro Software (Honeywell ZW2000A1003).....	7,039.72	
Note: For a single Honeywell WEB NP controller. Excludes software keys for the additional nodes.		
23 09 23 53-0292 EA WEBStation Additional Node (Honeywell ZW2000B1002).....	2,691.91	
23 09 23 53-0293 EA WEBStation Software And 20 Pack Of Node Software Keys (Honeywell ZW2000C1001).....	45,135.18	
23 09 23 53-0294 EA WEBStation Software And 50 Pack Of Node Software Keys (Honeywell ZW2000D1000).....	82,815.75	
23 09 23 53-0295 EA WEBStation Software And 100 Pack Of Node Software Keys (Honeywell ZW2000E1009).....	144,927.25	
23 09 23 53-0296 EA Master WEBStation Software For Monitoring Multiple WEBStations (Honeywell ZW2000F1008).....	7,453.38	
23 09 23 53-0297 EA Additional Master WEBStation Software Licenses (Honeywell ZW200G1007).....	3,726.69	
23 09 23 53-0298 EA Additional Copies Of Workplace Pro WP-1 (Web Pro) (Honeywell ZW2001A1001).....	2,873.64	
23 09 23 53-0299 EA Upgrade Existing NAC To Provide Unrestricted Connected Device Limit (Honeywell WC2003B1055).....	3,184.56	
Note: As with other WEBS, capacity is limited by the characteristics of the application including size and complexity.		
23 09 23 53-0300 Initial Database Generation (23 09 23 53-0271)		
23 09 23 53-0301 PNT Database Generation For Central Plant.....	73.02	
23 09 23 53-0302 PNT Database Generation For Programmable Controller	73.02	
Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
23 09 23 53-0303 EA Database Generation For Application Specific Controller	73.02	
Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
23 09 23 53-0304 EA Replication Of Database Generation For Application Specific Controller.....	50.82	
Note: Price per copy made.		
23 09 23 53-0305 EA Database Generation For Remote IO Modules, Sensors, Etcetera	50.82	
23 09 23 53-0306 Application Software Programs (23 09 23 53-0271)		
23 09 23 53-0307 EA Basic Application Program Package	3,047.14	
Note: One per project. Includes program inputs, command priorities, alarms, trends for analog and digital points, energy totalization, schedules, calendars, special events, occupied and unoccupied setpoints, ventilation and recirculation modes, hot water reset program, chilled water reset program, condenser water reset program, and fail-over logic.		
23 09 23 53-0308 EA Optimum Start/Stop Program.....	101.87	
Note: Priced per controller requiring optimum start programming.		
23 09 23 53-0309 EA Duty Cycling Program.....	48.11	
23 09 23 53-0310 EA Hot Deck/Cold Deck Reset Application Program	5,234.87	
23 09 23 53-0311 EA Boiler Optimization Program	6,859.97	
23 09 23 53-0312 EA Chiller Optimization Program	9,292.53	
23 09 23 53-0313 EA Lighting Control Program	4,484.22	
23 09 23 53-0314 EA Demand Limiting Program	89.34	
Note: Priced per controller requiring optimum start programming.		
23 09 23 53-0315 EA Email Alarm Server Configuration.....	3,459.38	
23 09 23 53-0316 Color Graphics Generation (23 09 23 53-0271)		
Note: Priced per page.		
23 09 23 53-0317 EA Single Site Home Page Graphics Page With HTML Navigation Code	1,825.90	
23 09 23 53-0318 EA Multi Site Home Page Graphics Page With HTML Navigation Code	3,241.82	
23 09 23 53-0319 EA Color Graphics Page For Central Plant.....	829.59	
23 09 23 53-0320 EA Color Graphics Page For Building Floor Plan	766.03	
23 09 23 53-0321 EA Replication Of Color Graphics Page For Central Plant.....	416.15	
23 09 23 53-0322 EA Color Graphics Page For Programmable Controller	933.30	
Note: For VAV AHU, large CV AHU, or heat exchanger, etc.		
23 09 23 53-0323 EA Replication Of Color Graphics Page For Programmable Controller.....	199.58	
Note: Priced per copy made.		
23 09 23 53-0324 EA Color Graphics Page For Application Specific Controller.....	863.21	
Note: Price per each VAV box, fan coil unit, unit ventilator or small CV AHU. Task used for the first piece of each equipment.		
23 09 23 53-0325 EA Replication Of Color Graphics Page For Application Specific Cont	86.30	
Note: Priced per copy made.		

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 09 23 53-0326 Sensors, Actuators And Control Devices (23 09 23 53-0175)
 Note: Includes installation, startup, checkout and miscellaneous parts for installation. Excludes conduit, wire and cable. Excludes engineering and programming labor. Each device is considered one control point. No engineering or programming time required for replacement parts.

23 09 23 53-0327 Special Sensors (23 09 23 53-0326)

23 09 23 53-0328	EA	Dewpoint Sensor (Honeywell C7232B1014).....	2,167.17	67.37
23 09 23 53-0329	EA	Enthalpy Sensor -25 To 125 F.....	2,263.16	67.37
23 09 23 53-0330	EA	Outdoor Mounted Temperature And Humidity Transmitter (Honeywell H7635C1002).....	971.03	134.73
23 09 23 53-0331	EA	Freezestat (Honeywell L482A1004).....	656.21	224.51
23 09 23 53-0332	EA	Wall Mounted Occupancy Sensor.....	485.48	67.37
23 09 23 53-0333	EA	Ceiling Mounted Occupancy Sensor.....	379.66	67.37
23 09 23 53-0334	EA	I/P Positioner With Gauge.....	448.12	67.37
23 09 23 53-0335	EA	Non-Communicating Duct Mounted Smoke Detector With Sampling Tube.....	535.77	67.37
23 09 23 53-0336	EA	EP Transducer.....	448.12	44.94
23 09 23 53-0337	EA	Electric Heat Sequencer.....	705.11	89.78

23 09 23 53-0338 Meters (23 09 23 53-0326)

23 09 23 53-0339	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer.....	4,576.19	538.70
23 09 23 53-0340	EA	208 - 480 Volt, Up To 2,400 Amperes, KW/KWh Meter/Current Transformer With LON interface.....	6,605.27	628.47
23 09 23 53-0341	EA	1 To 300 Amperes, Current Transformer For KW Meter.....	1,558.64	224.51
23 09 23 53-0342	EA	300 To 800 Amperes, Current Transformer For KW Meter.....	1,805.96	224.51
23 09 23 53-0343	EA	800 To 2,400 Amperes, Current Transformer For KW Meter.....	2,280.26	224.51

23 09 23 53-0344 Direct Coupled Actuators (23 09 23 53-0326)

23 09 23 53-0345	EA	44 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4105A1002).....	740.47	125.72
23 09 23 53-0346	EA	88 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4110A1200).....	810.15	125.72
23 09 23 53-0347	EA	175 IN-LB, 2 Position, 120 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS4120A1209).....	929.95	125.72
23 09 23 53-0348	EA	44 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8105A1008).....	699.70	125.72
23 09 23 53-0349	EA	88 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8110A1206).....	774.63	125.72
23 09 23 53-0350	EA	175 IN-LB, 2 Position, 24 Volt AC Spring Return Direct Coupled Damper Actuator (Honeywell MS8120A1205).....	848.83	125.72
23 09 23 53-0351	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator.....	778.73	125.72
23 09 23 53-0352	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7510A2206).....	885.57	125.72
23 09 23 53-0353	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Spring Return Direct Coupled Damper Actuator (Honeywell MS7520A2205).....	1,000.90	125.72
23 09 23 53-0354	EA	44 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7505A2209).....	644.11	125.72
23 09 23 53-0355	EA	88 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC Or Floating Control, Non- Spring Return Direct Coupled Damper Actuator (Honeywell MN7510A2209).....	701.00	125.72
23 09 23 53-0356	EA	175 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6120A1200).....	815.30	125.72
23 09 23 53-0357	EA	175 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7220A2007).....	869.10	125.72
23 09 23 53-0358	EA	300 IN-LB, 24 Volt AC, 4-20 mA, Floating Control, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN6134A10030).....	868.43	125.72
23 09 23 53-0359	EA	300 IN-LB, 24 Volt AC, 4-20mA, 0-10 Volt DC, Non-Spring Return Direct Coupled Damper Actuator (Honeywell MN7234A2008).....	1,015.97	125.72
23 09 23 53-0360	EA	Pneumatic Spring Return Damper Actuator Without Positive Positioner (Honeywell MP909E1018).....	667.43	125.72
23 09 23 53-0361	EA	Pneumatic Spring Return Damper Actuator With Positive Positioner (Honeywell MP909H1368).....	1,147.71	125.72
23 09 23 53-0362	EA	Foot Mount Kit With Damper Linkage And Connectors For Direct Coupled Actuator.....	509.36	125.72
23 09 23 53-0363	EA	Direct Coupled Damper Actuator Enclosure For Outdoor Use.....	764.82	125.72

23 09 23 53-0364 Thermostats (23 09 23 53-0175)

23 09 23 53-0365 Electric And Electronic Thermostats (23 09 23 53-0364)
 Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as one control point.

23 09 23 53-0366	EA	Line Voltage 120 Volt, Heat/Cool Thermostat (Honeywell T651A3018).....	208.78	16.32
23 09 23 53-0367	EA	Electronic Non-Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell TH5320).....	226.44	16.32
23 09 23 53-0368	EA	Electronic Programmable Heating/Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6110).....	206.82	16.32
23 09 23 53-0369	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6220).....	233.70	16.32
23 09 23 53-0370	EA	Electronic Programmable Three Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH6320).....	253.91	16.32
23 09 23 53-0371	EA	Electronic Programmable Two Heating/Two Cooling Heat Pump Or Conventional Unit Thermostat (Honeywell TH8321).....	383.38	16.32
23 09 23 53-0372	EA	Humidity Control Electronic Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7351F).....	567.79	16.32
23 09 23 53-0373	EA	Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350H).....	932.43	16.32
23 09 23 53-0374	EA	Modulating Lon Communicating Humidity Control Programmable Heat/Cool Heat Pump Or Conventional Unit Thermostat (Honeywell T7350M).....	995.78	16.32

23 09 23 53-0375 Pneumatic Thermostats (23 09 23 53-0364)
 Note: Includes installation, startup and checkout labor. Excludes engineering and programming labor. Each thermostat counts as two control point.

23 09 23 53-0376	EA	Pneumatic Thermostat (Honeywell TP970B2182).....	300.85	16.32
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23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 09 23 53-0377		Thermostats Guards (23 09 23 53-0364)			
23 09 23 53-0378	EA	9-3/4" x 7-1/4" x 3-3/8" Universal Thermostat Guard (Honeywell TG512A1009).....	70.81		16.32
23 09 23 53-0379	EA	7-1/2" x 6-1/2" x 2-15/16" Universal Thermostat Guard (Honeywell TG511).....	85.52		16.32
23 09 23 53-0380	EA	5-7/8" x 5-7/8" x 2-1/2" Deep Universal Thermostat Guard (Honeywell TG510).....	80.22		16.32
23 09 23 53-0381		Johnson Controls (23 09 23 53)			
23 09 23 53-0382		Software (23 09 23 53-0381)			
Note: Excludes programming, set-up and commissioning of application.					
23 09 23 53-0383	EA	5 Concurrent User Application And Data Server (Johnson Controls MS-ADS05U-0).....	19,909.57		
23 09 23 53-0384	EA	10 Concurrent User External Application And Data Server (Johnson Controls MS-ADX10U-0).....	23,556.07		
23 09 23 53-0385	EA	N2 Controllers Commissioning And Download Software (Johnson Controls MW-MTOOL-0).....	1,110.30		
23 09 23 53-0386	EA	N2 Controllers Download Cable Kit (Johnson Controls AS-CBLPRO-2).....	1,711.25		
23 09 23 53-0387	EA	BACnet FEU Controllers Commissioning And Download Software (Johnson Controls MS-CCTSWO-0).....	3,074.51		
23 09 23 53-0388	EA	BACnet Controllers Download Bluetooth Converter (Johnson Controls MS-BTCVT-0).....	1,120.48		
23 09 23 53-0389	EA	New User FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-0).....	1,113.58		
23 09 23 53-0390	EA	Upgrade FX Tools Pro CD-Rom (FX Builder, FX Builder Express, FX CommPro N2, FX CommPro LON, FX CommPro BACnet) Software (Johnson Controls LP-FXTPRO-6).....	370.28		
23 09 23 53-0391		Supervisory Controllers (23 09 23 53-0381)			
23 09 23 53-0392	EA	NAE With 1 RS-485, Support For 50 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE3510-2).....	8,186.53		435.30
23 09 23 53-0393	EA	NAE With 1 RS-485, Support For 100 Devices (Either N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE4511-2).....	12,995.63		435.30
23 09 23 53-0394	EA	NAE With 2 RS-485, Support For 200 Devices (N2 Or BACnet MS/TP) Supervisory Controllers (Johnson Controls MS-NAE5511-1).....	17,815.39		435.30
23 09 23 53-0395	EA	NCE, 33 Points, Network Control Engine, 32 N2 Device Support Supervisory Controllers (Johnson Controls MS-NCE2510-0).....	6,334.09		435.30
23 09 23 53-0396		Controllers (23 09 23 53-0381)			
23 09 23 53-0397	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-FEU1610-0).....	946.34		108.83
23 09 23 53-0398	EA	10 Point Field Equipment Controller With 2 UI, 1 BI, 3 BO, 4 CO, 24 Volt AC And Sensor Actuator Bus, Mounting Base And Integral Display (Johnson Controls MS-FEU1620-0).....	1,267.01		217.65
23 09 23 53-0399	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Mounting Base (Johnson Controls MS-FEU2610-0).....	1,606.54		217.65
23 09 23 53-0400	EA	17 Point Field Equipment Controller With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC, Sensor Actuator Bus And Integral Display (Johnson Controls MS-FEU2620-0).....	1,927.20		217.65
23 09 23 53-0401	EA	BACnet MS/TP 4-Point I/O Module With 4 BI, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM1710-0).....	762.38		108.83
23 09 23 53-0402	EA	BACnet MS/TP 6 Point I/O Module With 2 UI, 2 UO, 2 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM2710-0).....	844.14		108.83
23 09 23 53-0403	EA	BACnet MS/TP 12 Point I/O Module With 4 UI, 4 UO, 4 BO, Field Controller Bus And Sensor Actuator Bus Support (Johnson Controls MS-IOM3710-0).....	966.79		108.83
23 09 23 53-0404	EA	17 Point I/O Module With 6 UI, 2 BI, 3 BO, 2 AO, 4 CO, 24 Volt AC And Sensor Actuator Bus With Mounting Base (Johnson Controls MS-IOU4710-0).....	983.14		108.83
23 09 23 53-0405	EA	BACnet MS/TP Rooftop Controller For Stand-Alone And Networked Zoning Systems (Johnson Controls TEC2664Z-2).....	2,010.63		217.65
23 09 23 53-0406	EA	32-bit, Integrated VAV Controller/Actuator/DPT, 3 UI, 3 BO, and 2 CO; 24 Volt AC; Field Controller Bus And Sensor Actuator Bus (Johnson Controls MS-VMA1630-0).....	961.21		108.83
23 09 23 53-0407	EA	32-bit, Integrated VAV Controller/Actuator/Pressure Sensor - DPT, 3 UI and 3 BO, 2 CO, 24 Volt AC, and Sensor Actuator Bus (Johnson Controls MS-VMA1930-0).....	1,427.51		108.83
Note: Includes 6-pin Sensor Port for use with TE-7xx Series Non-Communicating Sensors and two Ethernet Ports for BACnet/IP Communications					
23 09 23 53-0408		Master FX Controllers (23 09 23 53-0381)			
23 09 23 53-0409	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X00-000C).....	2,573.06		217.65
23 09 23 53-0410	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X01-000C).....	2,766.82		217.65
23 09 23 53-0411	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X02-000C).....	2,863.10		217.65
23 09 23 53-0412	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X03-000C).....	2,804.58		217.65
23 09 23 53-0413	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X04-000C).....	2,713.14		217.65
23 09 23 53-0414	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X11-000C).....	2,727.80		217.65
23 09 23 53-0415	EA	6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card Without Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X14-000C).....	2,713.14		217.65
23 09 23 53-0416	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X50-000C).....	2,767.03		217.65
23 09 23 53-0417	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, N2 Open Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X51-000C).....	2,934.36		217.65
23 09 23 53-0418	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X52-000C).....	3,045.91		217.65
23 09 23 53-0419	EA	6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X53-000C).....	2,990.13		217.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0420 EA 6 AI, 8 DI, 4 AO, 9 DO, 9 Relays, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X54-000C)	2,875.96	217.65
23 09 23 53-0421 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, No Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X60-000C)	2,767.03	217.65
23 09 23 53-0422 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, N2 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X61-000C)	2,934.36	217.65
23 09 23 53-0423 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, LON Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X62-000C)	3,045.91	217.65
23 09 23 53-0424 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, RS-232 Communication Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X63-000C)	2,990.13	217.65
23 09 23 53-0425 EA 6 AI, 8 DI, 4 AO, 9 DO, 4 Relays, 5 Triac, BACnet Communications Card With Integral Display, Extended Temperature Range Master Controllers (Johnson Controls LP-FX16X64-000C)	2,875.96	217.65
23 09 23 53-0426 EA N2 Open Communication Card For FX16 (Johnson Controls LP-NET151-010C)	306.47	54.41
23 09 23 53-0427 EA LON Communication Card For FX15 and FX16 (Johnson Controls LP-NET152-010C)	443.75	54.41
23 09 23 53-0428 EA RS-232 Communication Card For FX16 (Johnson Controls LP-NET163-000C)	345.00	54.41
23 09 23 53-0429 EA BACnet Communications Card For FX16 (Johnson Controls LP-NET164-000C)	306.47	54.41
23 09 23 53-0430 EA Remote Medium User Interface For FX16 (Johnson Controls LP-DIS60P20-0C)	852.63	54.41
23 09 23 53-0431 EA Facility Explorer Extension I/O Module (Johnson Controls LP-XT91D00-000C)	782.02	54.41
23 09 23 53-0432 EA 5 UI, 4 BI, 3 AO, 6 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X01-000C)	798.56	54.41
23 09 23 53-0433 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO Expansion I/O Module (Johnson Controls LP-XM07X11-000C)	798.56	54.41
23 09 23 53-0434 EA 5 UI, 4 BI, 3 AO, 6 Relay DO (Manual Overrides For 2 AO And 4 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X51-000C)	881.14	54.41
23 09 23 53-0435 EA 5 UI, 4 BI, 3 AO, 2 Triac DO, 4 Relay DO (Manual Overrides For 2 AO, 2 Triac DO, And 2 Relay DO) Expansion I/O Module (Johnson Controls LP-XM07X61-000C)	881.14	54.41
23 09 23 53-0436 EA 6 UI, 12 BI, 4 AO, 9 Relay DO Expansion I/O Module (Johnson Controls LP-XM14X01-000C)	1,118.58	54.41
23 09 23 53-0437 EA 6 UI, 12 BI, 4 AO, 4 Triac DO Expansion I/O Module (Johnson Controls LP-XM14X11-000C)	1,118.58	54.41
23 09 23 53-0438 EA 6 UI, 12 BI, 4 AO, 9 Relay DO (Manual Overrides For 3 AO And 7 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X51-000C)	1,252.79	54.41
23 09 23 53-0439 EA 6 UI, 12 BI, 4 AO, 4 Triac DO, 5 Relay DO (Manual Overrides For 3 AO, 2 Triac DO, And 5 Relay DO) Expansion I/O Module (Johnson Controls LP-XM14X61-000C)	1,252.79	54.41
23 09 23 53-0440 VAV, Network And Special Sensors <small>(23 09 23 53-0381)</small>		
23 09 23 53-0441 EA 3" x 4-1/2", Surface Or Box Mounted, LCD RH Display, 3% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHR7001-0)	596.64	34.83
23 09 23 53-0442 EA 3" x 4-1/2", Surface Or Box Mounted, Addressing Switch BACnet Temperature Sensor (Johnson Controls NS-BTN7003-0)	191.17	34.83
23 09 23 53-0443 EA 3" x 4-1/2", Surface Or Box Mounted, 3% RH Accuracy, BACnet Temperature And Humidity Sensor (Johnson Controls NS-BHN7001-0)	458.88	34.83
23 09 23 53-0444 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, 2% RH Accuracy, Occupancy Override, Adjustable Temperature Setpoint Addressing Switch BACnet Temperature And Humidity Sensor (Johnson Controls NS-BPB7003-0)	692.70	34.83
23 09 23 53-0445 EA 3" x 4-1/2", Surface Or Box Mounted, LCD Display, Occupancy Override, Adjustable Temperature Setpoint, BACnet Temperature Sensor (Johnson Controls NS-BTB7001-0)	221.53	34.83
23 09 23 53-0446 EA 3" x 4-1/2", Surface Or Box Mounted CO2 Sensor, 0 To 2,000 ppm (Johnson Controls NS-BCN7004-0)	626.77	34.83
23 09 23 53-0447 Sensors - Hard Wired Type <small>(23 09 23 53-0381)</small>		
23 09 23 53-0448 EA Duct Mount Temperature Sensor, Platinum RT, With Handi-Box (Johnson Controls TFDCR00)	175.02	62.69
23 09 23 53-0449 EA Well Insertion Temperature Sensor, With Stainless 4-1/2" Well (Johnson Controls TIGB1C0)	156.45	34.83
23 09 23 53-0450 EA BACnet MS/TP Networked, Single Stage Thermostat (Johnson Controls TEC2601-2)	461.57	16.32
Note: For fan coil units, unit heaters and single stage packaged heating/cooling equipment.		
23 09 23 53-0451 EA BACnet MS/TP Networked Two Outputs, Dehumidification Capability And Three Speed Fan Control Thermostat (Johnson Controls TEC2616-2)	629.39	16.32
Note: For two or four pipe fan coils, cabinet unit heaters or other equipment using on/off, floating, or proportional 0 to 10 Volt DC control input, three speeds of fan control, and dehumidification capability.		
23 09 23 53-0452 EA BACnet MS/TP Networked Thermostats With Two Outputs (Johnson Controls TEC2627VVT-2)	462.50	16.32
Note: For VVT systems.		
23 09 23 53-0453 EA BACnet MS/TP Zone Controller For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2)	611.80	34.83
23 09 23 53-0454 EA BACnet Zone Controller With Occupancy Sensor For Proportional Zone Damper, On/Off Or Proportional Reheat Control (Johnson Controls TEC2647Z-2+PIR)	757.03	34.83
23 09 23 53-0455 Melink Intelli-Hood IH3 Controls <small>(23 09 23 53)</small>		
23 09 23 53-0456 Kitchen Ventilation Controllers <small>(23 09 23 53-0455)</small>		
23 09 23 53-0457 EA Fully Programmable Kitchen Ventilation Controller (Melink Intelli-Hood 2SYS-3001)	9,590.10	435.30
Note: RS-485 communication protocol supports up to 39 Hood Controllers, 10 graphical user interface devices, 10 auxiliary power supplies, and 10 auxiliary light controllers. Modbus VFD communications interface for support of up to 64 variable frequency drives, programmable I/O points. Includes 3 digital inputs, 4 digital outputs, 1 analog output, and 1 analog input. BACnet over TCP/IP Interface, Real-Time Clock with battery back-up.		
23 09 23 53-0458 EA Graphical User Interface (Melink Intelli-Hood 2KPD-3001)	1,872.50	89.78
Note: Full color 2.5" display and programming interface device. RS-485 communication protocol for interface with main controller.		
23 09 23 53-0459 EA Hood Controller (Melink Intelli-Hood 2SEN-3001)	2,963.90	362.39
Note: 6 point field I/O device, RS-485 communication protocol, supports up to 4 field temperature sensors and 1 optic sensor system.		
23 09 23 53-0460 Kitchen Ventilation Sensors <small>(23 09 23 53-0455)</small>		
23 09 23 53-0461 EA Duct Mount Stainless Steel RTD (Melink Intelli-Hood 2SEN-3005-Q)	541.64	62.69
Note: Includes UL listed mounting compression fitting, stainless steel probe protection sleeve, RJ-45 communication connector.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 09 23 53-0462	EA	Optic Sensor System For Detection Of Cooking Effluent (Melink Intelli-Hood 2SEN-3004-28)	4,719.38	348.24
Note: Includes air purge unit, infrared emitter/receiver with stainless steel housings. Auto-calibration, 0.2 second response time, conformal-coated circuit boards, purge pipe assembly complete with UL listed compression fittings, communication interface cables and blower box assembly.				

23 09 23 53-0463**Siemens Controls** (23 09 23 53)

23 09 23 53-0464	EA	Concealed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1083)	444.58	16.32
23 09 23 53-0465	EA	Exposed Temperature Set Point Adjustment, Electric Line Voltage Heating/Cooling Thermostat (Siemens 134-1085)	310.16	16.32
23 09 23 53-0466	EA	SPST/Manual Reset, 1" To 12" Set Point Range, Differential Static Pressure Airflow Switch (Siemens 141-0575).....	306.77	73.52
23 09 23 53-0467	EA	-0.5" To 0.5" WG, Low Differential Pressure Transmitter (Siemens 141-0591)	478.69	73.52
23 09 23 53-0468	EA	Spring Clip Mounting Kit For Thermostat (Siemens 182-685).....	75.80	10.89
23 09 23 53-0469	EA	Two Position, Pneumatic Circuit, RL243 Switching Relay (Siemens 243-0001)	252.57	108.83
23 09 23 53-0470	EA	3/4" Two Way, Normally Closed, 6.3 Cv, FxF, Brass Trim, Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 260-02012)	414.33	18.65
23 09 23 53-0471	EA	1" Three Way, 10 Cv, FxF, Stainless Steel Trim. Floating, Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 266-02079).....	730.44	33.85
23 09 23 53-0472	EA	1" Three Way, 10 Cv, FxF, Brass Trim, 0 To 10 Volt DC, 4 To 20 mA Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 274-03203).....	1,484.24	33.85
23 09 23 53-0473	EA	1-1/4" Two Way, 16 Cv, FxF, Stainless Steel Trim, 0 To 10 Volt DC Electronic Spring Return Actuator, Globe Valve And Actuator Assembly (Siemens 298-03006).....	1,249.65	42.89
23 09 23 53-0474	EA	36" Rigid Probe, 4 To 20 mA, 20 To 120 Degree F Range, Duct Averaging Sensor (Siemens 535-490-36).....	311.00	62.69
23 09 23 53-0475	EA	-58 To 122 Degree F Range, Outside Air Temperature Sensor (Siemens 536-768)	267.57	34.83
23 09 23 53-0476	EA	Unit Conditioner Controller With Secure Mode (Siemens 540-110C)	592.13	51.37
23 09 23 53-0477	EA	9-Pin, Female To RJ-11 Cable (Siemens 540-143).....	108.11	5.44
23 09 23 53-0478	EA	Terminal Box Controller, Electronic Output, For Trane (Siemens 540-800).....	950.30	104.48
23 09 23 53-0479	EA	MMI Extension Cable (Siemens 545-712)	179.99	5.44
23 09 23 53-0480	EA	Remote Pressure Transmitter (Siemens 547-003)	1,454.66	34.83
23 09 23 53-0481	EA	Cooling Only, GDE, BACnet Actuating Terminal Equipment Controller (Siemens 550-400).....	884.13	26.12
23 09 23 53-0482	EA	BACnet Unit Conditioner Fan Coil Controller (Siemens 550-433).....	757.73	69.65
23 09 23 53-0483	EA	Door Lock And Key Assembly (Siemens 567-225).....	40.20	21.76
23 09 23 53-0484	EA	Insight Advanced Software Package (Siemens 571-010-381-USB)	14,830.00	
Note: Includes one user license and one sentinel key.				
23 09 23 53-0485	EA	BACnet Client Option For Insight Advanced Software Package (Siemens 571-188).....	484.06	
23 09 23 53-0486	EA	Soft Controller Option For Insight Advanced Software Package (Siemens 571-620)	3,232.04	
23 09 23 53-0487	EA	1" Steam, Normally Open, 10 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03059).....	486.39	11.26
23 09 23 53-0488	EA	2" Steam, Normally Open, 40 Cv, Stainless Steel Trim, Class 250 Globe Valve (Siemens 599-03062).....	1,027.04	19.51
23 09 23 53-0489	EA	Firefinder XLS Driver, Modular Equipment Controller With RS-485 BLN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, HOA-Ready (Siemens 986-83481C).....	9,752.38	43.53
23 09 23 53-0490	EA	SiPass Driver, Modular Equipment Controller With RS-485 ALN, 8 DI, 8 DO, 8 AI, 8 AO, Point Expansion Support, Modem With HOA (Siemens 986-83482F)	11,492.70	43.53
23 09 23 53-0491	EA	7" x 13-7/16" x 3-3/4" Weather Shield (Siemens ASK75.3U).....	174.75	16.32
23 09 23 53-0492	EA	Two Position, 24 Volt AC/Volt DC, Standard Cabling, Dual Auxillary Switches, Electronic Damper Actuator With Spring Return (Siemens GMA126.1U).....	475.64	60.96
23 09 23 53-0493	EA	Modulating, 0 To 10 Volt DC, 24 Volt AC/Volt DC, Standard Cabling, Electronic Damper Actuator With Spring Return (Siemens GMA161.1U).....	505.82	60.96
23 09 23 53-0494	EA	License To Enable 4 TX-I/O Modules On The Island Bus And FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-36.A)	4,319.89	
23 09 23 53-0495	EA	License To Enable FLN Support On PXC-16 or PXC-24 "F" Models (Siemens LSM-FLN)	872.30	
23 09 23 53-0496	EA	License To Enable FLN Support On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-FLN36.A)	2,807.42	
23 09 23 53-0497	EA	License To Enable BACnet Field Panel Web Server (PXC-36) Or Web Services (PXC-16/24) (Siemens LSM-FPWEB).....	2,009.72	
23 09 23 53-0498	EA	License To Enable 4 TX-I/O Modules On The Island Bus On Models PXC36-E.A And PXC36-PE.A (Siemens LSM-IB36.A)	1,727.65	
23 09 23 53-0499	EA	License To Enable SNMP Agent License To Enable SNMP Agent (Siemens LSM-SNMP)	5,107.72	
23 09 23 53-0500	EA	16-Switch HOA Upgrade Kit (Siemens PXA16-M).....	809.81	2.18
23 09 23 53-0501	EA	16-Switch HOA Upgrade Kit (Extended Temp, UL 916) With HMI Cable (Siemens PXA16-MR).....	904.06	8.71
23 09 23 53-0502	EA	8-Switch HOA Upgrade Kit (Siemens PXA8-M).....	456.87	2.18
23 09 23 53-0503	EA	18" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC18).....	435.09	60.94
23 09 23 53-0504	EA	19" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC19).....	773.85	60.94
23 09 23 53-0505	EA	34" NEMA Type 1 Enclosure (Utility Cabinet) (Siemens PXA-ENC34).....	1,090.93	69.65
23 09 23 53-0506	EA	Serial Cable Required For HOA Or PXM10T/S Connection To Non-Rooftop Variants Of The 16-Point And 24-Point Compact Series (Siemens PXA-HMI.CABLEP5).....	38.09	10.89
23 09 23 53-0507	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB115V192VA).....	794.33	27.21
23 09 23 53-0508	EA	115 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB115V384VA).....	1,279.08	27.21
23 09 23 53-0509	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 192 VA PX Series Service Box (Siemens PXA-SB230V192VA).....	972.92	27.21
23 09 23 53-0510	EA	230 Volt, 24 Volt AC, 50/60 Hertz, 384 VA PX Series Service Box (Siemens PXA-SB230V384VA).....	1,483.22	27.21
23 09 23 53-0511	EA	PXC Modular, BACnet/IP Or MS/TP ALN, P1 Or MS/TP FLN, PXX-485.3 Is Also Required As The Connection To The FLN Devices (Siemens PXC00-E96.A)	4,346.67	54.41
23 09 23 53-0512	EA	PXC Modular Series For BACnet Networks, TX-I/O Module, 96 Node (Siemens PXC100-E96.A).....	5,626.33	54.41
23 09 23 53-0513	EA	Peer To Peer, TX-I/O, 96 Node, APOGEE Automation System, Programmable Controller - Modular (Siemens PXC100-PE96.A).....	6,411.98	54.41
23 09 23 53-0514	EA	16 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC16.2-E.A)	1,753.35	54.41
23 09 23 53-0515	EA	16 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC16.2-EF.A)	2,099.41	54.41
23 09 23 53-0516	EA	16 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC16.2-M.A)	1,870.11	54.41
23 09 23 53-0517	EA	24 Point, BACnet/IP ALN Compact Programmable Controller (Siemens PXC24.2-E.A)	2,563.36	54.41
23 09 23 53-0518	EA	24 Point, BACnet/IP ALN, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-EF.A)	2,802.31	54.41
23 09 23 53-0519	EA	24 Point, BACnet/IP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-ER.A).....	2,743.03	54.41
23 09 23 53-0520	EA	24 Point, BACnet/IP ALN, Rooftop, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC24.2-ERF.A).....	2,957.12	54.41
23 09 23 53-0521	EA	24 Point, MS/TP ALN Compact Programmable Controller (Siemens PXC24.2-M.A)	2,737.63	54.41
23 09 23 53-0522	EA	24 Point, MS/TP ALN, Rooftop Compact Programmable Controller (Siemens PXC24.2-MR.A)	2,955.66	54.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0523 EA 36 Point, BACnet/IP Or MS/TP ALN Compact Programmable Controller (Siemens PXC36-E.A)	3,813.96	54.41
23 09 23 53-0524 EA 36 Point, BACnet/IP or MS/TP ALN, Island Bus, P1 Or MS/TP FLN Compact Programmable Controller (Siemens PXC36-EF.A)	7,624.94	54.41
23 09 23 53-0525 EA License To Enable The Island Bus On PXC00-E96.A and PXC00-PE96.A (Siemens PXF-TXIO.A)	1,296.00	
23 09 23 53-0526 EA Controller Mounted Operator Display Module With Point Monitor And Optional Blue Backlight (Siemens PXM10S)	509.22	27.21
23 09 23 53-0527 EA Controller Mounted Operator Display Module (Siemens PXM10T)	369.28	27.21
23 09 23 53-0528 EA Provides FLN Support For The PXC Modular (Siemens PXX-485.3)	843.19	21.76
Note: Includes Three RS-485 P1 FLN Connections Or One MS/TP FLN Connection, Maximum Of 96 Devices Supported		
23 09 23 53-0529 EA Full Feature With Display, Override And Temperature Setpoint Adjustment, Room Temperature Sensor, 10K Ohm Type III Thermistor (Siemens QAA22SS.FWSN)	283.75	27.21
23 09 23 53-0530 EA Digital Temperature Room Unit for TEC, Sensing, Setpoint, Override, Display, No Logo (Siemens QAA2280.FWNC)	272.71	34.83
23 09 23 53-0531 EA 4" Platinum, 1,000 Ohm, 385 Alpha Probe, Immersion Temperature Sensor (Siemens QAE2012.010)	134.47	27.21
23 09 23 53-0532 EA 8" Platinum, 1,000 Ohm, 385 Alpha Probe, Duct Temperature Sensor (Siemens QAM2012.020)	98.68	27.21
23 09 23 53-0533 EA 24" Flexible Averaging Probe (Siemens QAM2012.750)	297.21	54.41
23 09 23 53-0534 EA 2 Meter Flexible Duct Temperature Sensor With Four Mounting Clamps (Siemens QAM2120.200)	188.60	40.81
23 09 23 53-0535 EA 10 HP, 240 Volt, NEMA 2 Variable Frequency Drive (Siemens SED2-7.5/22X)	3,412.29	350.64
23 09 23 53-0536 EA Two Sets, Address Keys 1 - 12, Accessory For TX-I/O Module (Siemens TXA1.K12)	34.43	10.89
23 09 23 53-0537 EA Labels For HOA And TX-I/O Modules (Siemens TXA1.LLT-P100)	0.85	
23 09 23 53-0538 EA 16 Digital Input Module (Siemens TXM1.16D)	639.04	10.89
23 09 23 53-0539 EA 6 Digital Output Relay Points, Manual Override, Digital Output Module (Siemens TXM1.6R-M)	969.21	10.89
23 09 23 53-0540 EA 8 Universal Points, Local Override/Identification, Digital Output Module (Siemens TXM1.8X-ML)	1,558.43	21.76
23 09 23 53-0541 EA 1.2 A, 4A Fuse, Power Supply (Siemens TXS1.12F4)	475.58	6.53
23 09 23 53-0542	Trane Controls (23 09 23 53)	
23 09 23 53-0543	Software (23 09 23 53-0542)	
Note: Excludes programming, set-up and commissioning of application.		
23 09 23 53-0544 EA Summit + Building Management Package (Trane 40201152)	7,343.65	
23 09 23 53-0545 EA Summit Current Version Software (Trane 40201111)	4,129.20	
23 09 23 53-0546 EA Summit Customer Upgrade Package, Currently V10-V16 To V17 (Trane 40201113)	1,007.54	
23 09 23 53-0547 EA Rover Service Software And Hardware, Complete Kit (Trane X1365150001)	4,104.06	
23 09 23 53-0548 EA Tracer SC With -X1365152401 - BACnet (2 Pack) (Trane BMSC000AAA011000)	11,415.12	
23 09 23 53-0549	EMCS Central Equipment And Controllers (23 09 23 53-0542)	
23 09 23 53-0550 EA Summit BTMX Operator Display Upgrade (Trane 40201224)	5,960.24	435.30
23 09 23 53-0551 EA Summit BTMX Retrofit Kit For BMTS And BMTW BCU (Trane 49500531)	14,137.29	435.30
23 09 23 53-0552 EA Summit BTMX Retrofit Kit For Tracer 100 (Trane 49500532)	14,137.29	435.30
23 09 23 53-0553 EA Summit BTMX, 120 Volt, (Trane BMTX-001-A-A-B0-00)	12,361.76	435.30
23 09 23 53-0554 EA Summit BTMX, 120 Volt, With Display (Trane BMTX-001-A-A-B0-10)	14,426.15	435.30
23 09 23 53-0555 EA Summit CCP Upgrade ROM Kit (Trane 40201095)	211.61	27.21
23 09 23 53-0556 EA Summit Comm5 Repeater (Trane 49500457)	1,628.32	217.65
23 09 23 53-0557 EA AHU Controller MP580/581 E Board Only (Trane 40201157)	2,819.19	272.06
23 09 23 53-0558 EA AHU Controller MP581 120 Volt AC With Enclosure And Display (Trane BMTM000AAC01)	3,629.46	326.48
23 09 23 53-0559 EA AHU Controller MP581 120 Volt AC With Enclosure, No Display (Trane BMTM000AAC00)	2,809.01	326.48
23 09 23 53-0560 EA AHU Controller MP581 Operator Door Display (Trane 40201156)	2,346.12	326.48
23 09 23 53-0561 EA AHU Controller MP581 Portable, Rugged, With Case (Trane 49500491)	2,343.58	326.48
23 09 23 53-0562 EA Controller MP503 I/O Module With Metal Enclosure (Trane 49500590)	1,078.03	108.83
23 09 23 53-0563 EA Controller MP503 I/O Module With Plastic Cover (Trane 49500490)	976.04	108.83
23 09 23 53-0564 EA Controller MP581 EX2 Expansion Module With Metal Enclosure (Trane 49500500)	1,748.23	217.65
23 09 23 53-0565 EA Controller MP581 EX2 Expansion Module With Plastic Cover (Trane 49500499)	1,663.65	217.65
23 09 23 53-0566 EA 2 Position, FCU Controller ZN511 Zone With Metal Enclosure (Trane 49500569)	938.69	108.83
23 09 23 53-0567 EA 2 Position, FCU Controller ZN511 Zone With Plastic Cover (Trane 4950-0469)	815.88	108.83
23 09 23 53-0568 EA 4 Position, FCU Controller ZN517 Zone With Metal Enclosure (Trane 49500596)	1,240.87	108.83
23 09 23 53-0569 EA 4 Position, FCU Controller ZN517 Zone With Plastic Cover (Trane 49500496)	1,118.73	108.83
23 09 23 53-0570 EA Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 4950049)	949.62	108.83
23 09 23 53-0571 EA Modulating FCU Controller ZN520 Zone With Plastic Cover (Trane 49500496)	902.73	108.83
23 09 23 53-0572 EA Modulating Tri ST FCU Controller ZN521 Zone With Metal Cover (Trane 49500570)	1,046.73	108.83
23 09 23 53-0573 EA Modulating Tri ST FCU Controller ZN521 Zone With Plastic Cover (Trane 49500470)	949.62	108.83
23 09 23 53-0574 EA DDC VAV Retrofit Kit (Trane VRTODD01)	1,286.11	217.65
23 09 23 53-0575 EA DDC VAV Retrofit Kit With Belimo Actuator (Trane VRTODD01BLMO)	1,406.89	217.65
23 09 23 53-0576	Network, VAV And Special Sensors (23 09 23 53-0542)	
23 09 23 53-0577 EA Digital Display Zone Sensor (Trane X13790464010)	226.21	34.83
23 09 23 53-0578 EA Single Setpoint Wall Mounted Zone Temperature Sensor (Trane X13511529010)	147.11	34.83
23 09 23 53-0579 EA Wall Mounted Zone Temperature-Only Sensor (Trane X13511528010)	133.76	34.83
23 09 23 53-0580 EA Ceiling Mount Zone Occupancy Sensor (Trane X13790421-01)	279.98	39.18
23 09 23 53-0581 EA Zone LCD O/C Setpoint, 3 Speed Fan (Trane 41901121)	165.34	34.83
23 09 23 53-0582 EA Zone Sensor LCD O/C Setpoint (Trane 41901120)	165.34	34.83
23 09 23 53-0583 EA Duct CO2 Sensor, 0 To 2,000 ppm (Trane X13790423010)	596.09	62.69
23 09 23 53-0584 EA Room CO2 Sensor, 0 To 2,000 ppm (Trane X13790422010)	553.13	34.83
23 09 23 53-0585 EA Transformer 120/24 40 VA (Trane X13550284010)	127.09	34.83
23 09 23 53-0586 EA Transformer 24 Volt AC Wall Plug-In (Trane 35803005)	122.32	34.83
23 09 23 53-0587 EA Transformer UL Listed 120 Volt AC, 40 VA (Trane 35812022)	114.70	34.83
23 09 23 53-0588 EA Controller UC400 VAV Kit With Enclosure, And Belimo (Trane 5189454010)	1,456.37	217.65
23 09 23 53-0589 EA Controller UC400 VAV Kit With Enclosure, No Actuator (Trane 5189456010)	1,391.22	217.65
23 09 23 53-0590 EA Controller UC400 XM32 Module (4 Relay) (Trane X13651563010)	1,255.25	217.65
23 09 23 53-0591 EA Controller UC400 XM70 (8UI,6UI/AO,4R,1P) (Trane X13651568010)	2,270.74	326.48
23 09 23 53-0592 EA Controller UC400 XM30 I/O Module (4 UI/AO) (Trane X13651537010)	1,255.25	217.65

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 09 Instrumentation and Control for HVAC****23 09 23 Direct-Digital Control System for HVAC**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0593 EA Controller UC210 VAV With Belimo Actuator (Trane BMUC210AAA0B00011).....	1,324.22	217.65
23 09 23 53-0594 EA Controller UC210 VAV Without Actuator (Trane BMUC210AAA0100011).....	1,329.59	217.65
23 09 23 53-0595 EA Controller Optional Metal Enclosure, UC210 (Trane 501898).....	466.64	216.73
23 09 23 53-0596 EA Controller UC400 PM014 24 Volt AC To 1.4 Amperes, 24 Volt DC (Trane X1365153801).....	696.19	216.73
23 09 23 53-0597 EA Controller Tracer UC600 Controller (Trane BMUC600AAA0100011).....	2,559.53	326.48
23 09 23 53-0598 EA Controller UC600 Tracer TD7 Display (Trane X13651571010).....	2,454.68	326.48
23 09 23 53-0599 EA Controller UC600 TD7 Mounting Bracket (Trane X05010511010).....	150.92	43.37
23 09 23 53-0600 EA Controller UC400 13" DIN Rail Enclosure, 120 Volt (Trane X13651559010).....	563.56	43.37
23 09 23 53-0601 EA SC 24" DIN Rail Enclosure, 120 Volt (Trane X13651552010).....	2,624.34	326.48
23 09 23 53-0602 EA BACnet Term (2 Pack) (Trane X1365152401).....	237.60	78.02
23 09 23 53-0603 EA Tracer ES Add License (Trane X40250125010).....	3,127.04	
23 09 23 53-0604 EA Kit - Tracer TU For Controls (Trane X4509151201).....	4,890.27	435.30
23 09 23 53-0605 EA Kit - Tracer TU Complete (Trane X4509151301).....	6,487.67	435.30
23 09 23 53-0606 EA Tracer TU Adapter Wired/Wireless (Trane X13651529010).....	641.71	78.02
23 09 23 53-0607 EA Sensor Wireless Zone Sensor, Fahrenheit (Trane X13790492010).....	360.55	78.02
23 09 23 53-0608 EA Sensor Wireless Display Sensor (Trane X13790822010).....	410.11	78.02
23 09 23 53-0609 EA Sensor Wireless Receiver, 100mW (Trane X13790854010).....	365.31	78.02
23 09 23 53-0610 EA Sensor Wireless Comm Interface (WCI) Indoor, 100mW (Trane X13790901010).....	502.42	78.02
23 09 23 53-0611 EA Sensor Wireless Comm Interface (WCI) Outdoor, 100mW (Trane X13790941010).....	549.11	78.02
23 09 23 53-0612 Control Sensors, Meters, Relays, Power Supplies, Valves, Dampers And Actuators (23 09 23 53)		
23 09 23 53-0613 Current Switches And Current Sensors (23 09 23 53-0612)		
23 09 23 53-0614 EA Up To 20 Amperes, 0 To 5 Volt DC, Current Sensor (Senva C-1203).....	136.62	34.83
23 09 23 53-0615 EA Up To 20 Amperes, 4-20mA, Current Sensor (Senva C-1205).....	142.34	34.83
23 09 23 53-0616 EA 0.5 To 135 Amperes Range, Split Core, VFD Current Switch (Senva C-2350VFD-L).....	226.21	34.83
23 09 23 53-0617 EA 0.15 To 100 Amperes Range, Split Core, Current Switch With NC Command Relay (Senva C-2300 And CR4-24).....	129.00	34.83
23 09 23 53-0618 EA 0 To 50/100/200 Amperes (Selectable), 4-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970HCA).....	420.64	34.83
23 09 23 53-0619 EA 0 To 20/40/80 Amperes (Selectable), 0-20mA, 0 To 5 Volt DC, Split Core, DC Current Sensor (Veris H970LCC).....	264.09	34.83
23 09 23 53-0620 EA 1 To 135 Amperes, N.O. Contact, 1 Ampere At 110 Volt, Current Switch (Veris H709).....	198.74	34.83
23 09 23 53-0621 EA 0 To 10/20/40 Amperes, 4-20mA Analog Output, Solid Core, Loop Powered, Current Switch (Veris H721).....	198.74	34.83
23 09 23 53-0622 EA Energy Meter H8163 Series, With BACnet Output (Veris H8186-CB-BAC).....	5,584.67	174.13
23 09 23 53-0623 EA 100 Amperes, Modbus RTU, Power Transducer (Veris H8035-0100-2).....	1,422.73	34.83
Note: 3 phase networked transducer.		
23 09 23 53-0624 EA 2,400 Amperes, Three Current Switches, Pulse Output, Phase Loss Alarm Output, Energy Meter (Veris H8163-2400-4-3).....	2,168.63	34.83
23 09 23 53-0625 EA Up To 20 Amperes, 0-5 Volt DC, Current Transducer (Kele 4CTV).....	214.09	34.83
23 09 23 53-0626 EA Solid Core Fixed Setpoint Digital Output Current Switch (Veris H-800).....	306.22	92.51
23 09 23 53-0627 EA Split Core Fixed Setpoint Digital Output Current Switch (Veris H-900).....	306.68	92.51
23 09 23 53-0628 EA Solid Core Adjustable Setpoint Digital Output Current Sensor (Veris H-708).....	329.56	92.51
23 09 23 53-0629 EA Split Core Adjustable Setpoint Digital Output Current Sensor (Veris H-908).....	335.27	92.51
23 09 23 53-0630 EA Solid And Split Core Adjustable Setpoint Digital Output VFD Current Switch (Veris H-904).....	367.68	92.51
23 09 23 53-0631 EA Toggle Switch.....	123.33	43.53
23 09 23 53-0632 EA Maintained Pushbutton Switch.....	132.66	43.53
23 09 23 53-0633 EA Manual Time Switch.....	220.70	43.53
23 09 23 53-0634 EA Emergency Stop Switch.....	378.13	43.53
23 09 23 53-0635 EA Float Switch.....	350.23	43.53
23 09 23 53-0636 EA Break Glass Switch.....	1,196.62	43.53
23 09 23 53-0637 EA Boiler E-Stop Switch.....	704.60	43.53
23 09 23 53-0638 Relays (23 09 23 53-0612)		
23 09 23 53-0639 EA DPDT, 24 Volt AC, Blade, Standard Relay (Kele RH2B-UAC24V).....	110.89	34.83
23 09 23 53-0640 EA SPDT, 24 Volt AC/Volt DC, 120 Volt AC Multi-Voltage Relay Module (Kele PAM-1).....	122.61	34.83
23 09 23 53-0641 EA SPDT, 24 Volt AC/Volt DC, 120 Volt AC Power Relay (Kele RIB2401B).....	175.28	43.53
Note: Box type.		
23 09 23 53-0642 EA Motor Starter Interface, 300msec Pulse (Kele PIL-2).....	227.78	34.83
23 09 23 53-0643 EA DP Relay Socket, DIN Rail Mounted (Kele SH2B-05).....	102.39	34.83
23 09 23 53-0644 EA SP Relay Socket, DIN Rail Mounted (Kele SH1B-05).....	100.67	34.83
23 09 23 53-0645 EA SPDT, 24 Volt AC, Blade, Standard Relay (Kele RH1B-UAC24V).....	110.89	34.83
23 09 23 53-0646 EA DPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH2B-ULAC24V).....	116.24	34.83
23 09 23 53-0647 EA SPDT, 24 Volt AC, Blade, Indicator Light Relay (Kele RH1B-ULAC24V).....	117.71	34.83
23 09 23 53-0648 EA SPDT Pilot Relay, Universal (Kele RIBU1C).....	125.89	43.53
Note: Box type.		
23 09 23 53-0649 EA SPST Pilot Relay With HOA Switch (Kele RIBU1S).....	173.74	43.53
Note: Box type.		
23 09 23 53-0650 EA SPDT 3 Phase Line Voltage Monitor, .1-5 Minute Delay On Break Timer (ICM400).....	321.30	43.53
23 09 23 53-0651 EA SPDT 3-Phase Line Voltage Monitor, 0-10 Minute Delay On Break Timer (ICM450).....	319.18	43.53
23 09 23 53-0652 Transformers (23 09 23 53-0612)		
23 09 23 53-0653 EA 50 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X050CBA).....	135.36	34.83
23 09 23 53-0654 EA 75 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X075CAB).....	148.67	34.83
23 09 23 53-0655 EA 75 VA, 120/208/240/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X075CBA).....	148.67	34.83
23 09 23 53-0656 EA 100 VA, 120-24 Volt AC, CB Foot And Dual Hub Control Transformer (Veris X100CAB).....	160.72	34.83
23 09 23 53-0657 EA 100 VA, 120/240/277/480-24 Volt AC, CB Foot And Single Hub Control Transformer (Veris X100CBA).....	168.13	34.83
23 09 23 53-0658 Power Supplies (23 09 23 53-0612)		
23 09 23 53-0659 EA Solid Core Current Operated Switch, Terminals, Adjustable Trip, 0.5-150A, SPST (Kele RIBXKTA).....	210.22	34.83

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 09 23 53-0660 EA AC/DC Power Supply, 1.2 Amperes At 24 Volt Output (Kele DCPA-1.2)	247.14	34.83
23 09 23 53-0661 EA DC Power Supply, 5 Volt DC And 24 Volt DC Output (Kele DCP-524)	230.50	34.83
23 09 23 53-0662 EA DC Power Supply, 24 Volt DC, DIN Rail Mounted (Kele DCP-250-D)	238.37	34.83
23 09 23 53-0663 EA DC Power Supply, 24 Volt DC, Hub Mounted (Kele DCP-250-H)	231.36	34.83
23 09 23 53-0664 EA DC Power Supply, 24 Volt DC, Panel Mounted (Kele DCP-250-P)	243.10	34.83
23 09 23 53-0665 EA DC Power Supply, 24 Volt AC In To Custom DC Out, At 1.5 Amperes (Kele DCP-1.5-W-C)	178.48	34.83

23 09 43 Pneumatic Control System For HVAC (23 09)

23 09 43 00-0001 Pneumatic Tubing For HVAC Instrumentation and Control Devices (23 09 43)

23 09 43 00-0002 Polyurethane Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0003 LF 1/4" Outside Diameter x 1/32" Thick Wall Polyurethane Pneumatic Tubing	2.32	0.89
23 09 43 00-0004 LF 5/32" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	2.98	0.91
23 09 43 00-0005 LF 3/8" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	3.94	0.94
23 09 43 00-0006 LF 1/2" Outside Diameter x 1/16" Thick Wall Polyurethane Pneumatic Tubing	5.04	0.97

23 09 43 00-0007 Fire Resistant Polyethylene Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0008 LF 1/4" Outside Diameter x .040" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.05	0.89
23 09 43 00-0009 LF 5/32" Outside Diameter x .030" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.21	0.91
23 09 43 00-0010 LF 3/8" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	2.55	0.94
23 09 43 00-0011 LF 1/2" Outside Diameter x .062" Thick Wall Fire Resistant Polyethylene Pneumatic Tubing	3.21	0.97

23 09 43 00-0012 Nylon Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0013 LF 1/8" Outside Diameter x .016" Thick Wall Nylon Pneumatic Tubing	2.46	0.86
23 09 43 00-0014 LF 1/4" Outside Diameter x .035" Thick Wall Nylon Pneumatic Tubing	3.31	0.89
23 09 43 00-0015 LF 3/8" Outside Diameter x .050" Thick Wall Nylon Pneumatic Tubing	5.07	0.94
23 09 43 00-0016 LF 1/2" Outside Diameter x .062" Thick Wall Nylon Pneumatic Tubing	6.55	0.97

23 09 43 00-0017 Flexible Vinyl Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0018 LF 1/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	2.40	0.89
23 09 43 00-0019 LF 3/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	3.97	0.94
23 09 43 00-0020 LF 1/2" Outside Diameter Flexible Vinyl Pneumatic Tubing	4.82	0.97
23 09 43 00-0021 LF 5/8" Outside Diameter Flexible Vinyl Pneumatic Tubing	5.91	0.99
23 09 43 00-0022 LF 3/4" Outside Diameter Flexible Vinyl Pneumatic Tubing	6.70	1.02
23 09 43 00-0023 LF 1" Outside Diameter Flexible Vinyl Pneumatic Tubing	9.25	1.05

23 09 43 00-0024 Braided Vinyl Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0025 LF 5/8" Outside Diameter Braided Vinyl Pneumatic Tubing	3.29	0.99
23 09 43 00-0026 LF 3/4" Outside Diameter Braided Vinyl Pneumatic Tubing	3.85	1.02
23 09 43 00-0027 LF 1" Outside Diameter Braided Vinyl Pneumatic Tubing	4.86	1.05

23 09 43 00-0028 Copper Pneumatic Tubing (23 09 43 00-0001)

23 09 43 00-0029 LF 1/4" Outside Diameter Copper Pneumatic Tubing	4.76	1.91
23 09 43 00-0030 LF 3/8" Outside Diameter Copper Pneumatic Tubing	5.75	2.20
23 09 43 00-0031 LF 1/2" Outside Diameter Copper Pneumatic Tubing	6.67	2.53
23 09 43 00-0032 LF 5/8" Outside Diameter Copper Pneumatic Tubing	8.18	2.91
23 09 43 00-0033 LF 3/4" Outside Diameter Copper Pneumatic Tubing	9.32	3.35

23 09 43 00-0034 Brass Couplings (23 09 43 00-0001)

23 09 43 00-0035 Straight Brass Couplings (23 09 43 00-0034)

Note: Barb x Barb		
23 09 43 00-0036 EA 1/4" x 1/4" Straight Brass Coupling	10.43	4.83
23 09 43 00-0037 EA 3/8" x 1/4" Straight Brass Coupling	10.56	4.83
23 09 43 00-0038 EA 3/8" x 3/8" Straight Brass Coupling	10.68	4.83

23 09 43 00-0039 Elbow Brass Couplings (23 09 43 00-0034)

Note: Barb x Barb		
23 09 43 00-0040 EA 1/4" x 1/4" Elbow Brass Coupling	11.14	4.83
23 09 43 00-0041 EA 3/8" x 3/8" Elbow Brass Coupling	11.58	4.83

23 09 43 00-0042 Tee Brass Couplings (23 09 43 00-0034)

Note: Barb x Barb		
23 09 43 00-0043 EA 1/4" x 1/4" x 1/4" Tee Brass Coupling	16.99	7.51
23 09 43 00-0044 EA 3/8" x 3/8" x 1/4" Tee Brass Coupling	19.62	8.04
23 09 43 00-0045 EA 3/8" x 3/8" x 3/8" Tee Brass Coupling	19.16	8.04

23 10 Facility Fuel Systems (23)

23 11 Facility Fuel Piping (23 10)

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**23 11 23 Facility Natural-Gas Piping** ^(23 11)

See CSI section 23 21 13 23-0001 for threaded black steel pipe, 33 52 16 00-0000 for underground MDPE and HDPE pipe.

23 11 23 00-0001		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Piping			
23 11 23 00-0002		Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.			
23 11 23 00-0003	LF	3/8" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	5.93		1.88
23 11 23 00-0004	LF	1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	6.52		2.04
23 11 23 00-0005	LF	3/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	7.83		2.20
23 11 23 00-0006	LF	1" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	9.93		2.33
23 11 23 00-0007	LF	1-1/4" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	11.72		2.45
23 11 23 00-0008	LF	1-1/2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	17.92		2.55
23 11 23 00-0009	LF	2" Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	24.32		2.71
23 11 23 00-0010		Fittings And Accessories For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
23 11 23 00-0011		Male Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.			
23 11 23 00-0012	EA	3/8" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.21		
23 11 23 00-0013	EA	3/8" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	28.21		
23 11 23 00-0014	EA	1/2" x 3/8", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.24		
23 11 23 00-0015	EA	1/2" x 1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.24		
23 11 23 00-0016	EA	3/4" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.48		
23 11 23 00-0017	EA	1" x 3/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.48		
23 11 23 00-0018	EA	1" x 1", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	50.48		
23 11 23 00-0019	EA	1-1/4" x 1-1/4", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	86.33		
23 11 23 00-0020	EA	1-1/2" x 1-1/2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	158.75		
23 11 23 00-0021	EA	2" x 2", (CSST x Threaded) Male Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	257.61		
23 11 23 00-0022		Female Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.			
23 11 23 00-0023	EA	3/8" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	27.29		
23 11 23 00-0024	EA	1/2" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.24		
23 11 23 00-0025	EA	1/2" x 3/8", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	30.24		
23 11 23 00-0026	EA	3/4" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.48		
23 11 23 00-0027	EA	3/4" x 1/2", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	36.48		
23 11 23 00-0028	EA	1" x 3/4", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.23		
23 11 23 00-0029	EA	1" x 1", (CSST x Threaded) Female Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	48.23		
23 11 23 00-0030		Reducing Adaptors For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.			
23 11 23 00-0031	EA	3/4" x 1/2", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	37.03		
23 11 23 00-0032	EA	1" x 3/4", (CSST x Threaded) Reducing Adaptor For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	49.05		
23 11 23 00-0033		Couplings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.			
23 11 23 00-0034	EA	3/8" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	38.18		
23 11 23 00-0035	EA	1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	42.39		
23 11 23 00-0036	EA	3/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	53.38		
23 11 23 00-0037	EA	1" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	76.85		
23 11 23 00-0038	EA	1-1/4" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	144.61		
23 11 23 00-0039	EA	1-1/2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	283.15		
23 11 23 00-0040	EA	2" Coupling For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	470.79		
23 11 23 00-0041		Tees For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.			
23 11 23 00-0042	EA	1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	52.71		
23 11 23 00-0043	EA	3/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	85.53		
23 11 23 00-0044	EA	1" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	136.17		
23 11 23 00-0045	EA	1-1/4" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	235.18		
23 11 23 00-0046	EA	1-1/2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	252.92		
23 11 23 00-0047	EA	2" Tee For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	290.55		
23 11 23 00-0048		Indoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe			
		Note: Includes UV resistant polyethylene jacket. Excludes fittings and pipe hangers.			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0049 EA 3/8" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	34.19	
23 11 23 00-0050 EA 1/2" x 1/2", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	35.32	
23 11 23 00-0051 EA 3/4" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.45	
23 11 23 00-0052 EA 1" x 3/4", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	51.98	
23 11 23 00-0053 EA 1" x 1", (CSST x Threaded) Indoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	52.75	
23 11 23 00-0054 Outdoor Termination Fittings For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0055 EA 3/8" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	37.77	
23 11 23 00-0056 EA 1/2" x 1/2", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.75	
23 11 23 00-0057 EA 3/4" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	45.72	
23 11 23 00-0058 EA 1" x 3/4", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	54.01	
23 11 23 00-0059 EA 1" x 1", (CSST x Threaded) Outdoor Termination Fitting For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	54.01	
23 11 23 00-0060 Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0061 EA 3/8" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	58.19	
23 11 23 00-0062 EA 1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	59.67	
23 11 23 00-0063 EA 3/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	62.65	
23 11 23 00-0064 EA 1" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	101.05	
23 11 23 00-0065 EA 1-1/4" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	104.95	
23 11 23 00-0066 EA 1-1/2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	152.53	
23 11 23 00-0067 EA 2" Indoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	190.32	
23 11 23 00-0068 Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0069 EA 3/8" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	61.65	
23 11 23 00-0070 EA 1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	63.07	
23 11 23 00-0071 EA 3/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	69.79	
23 11 23 00-0072 EA 1" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	128.33	
23 11 23 00-0073 EA 1-1/4" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	132.46	
23 11 23 00-0074 EA 1-1/2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	183.20	
23 11 23 00-0075 EA 2" Outdoor Floor Flange Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	231.88	
23 11 23 00-0076 Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0077 EA 1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	36.09	
23 11 23 00-0078 EA 3/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.98	
23 11 23 00-0079 EA 1" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	59.78	
23 11 23 00-0080 EA 1-1/4" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	92.58	
23 11 23 00-0081 EA 1-1/2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	180.95	
23 11 23 00-0082 EA 2" Indoor Bracket Termination Assembly For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	288.79	
23 11 23 00-0083 Stub-Outs For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
Note: Includes mounting plate.		
23 11 23 00-0084 EA 1/2" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.10	
23 11 23 00-0085 EA 3/4" Appliance Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	33.94	
23 11 23 00-0086 EA 1/2" Fireplace Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.13	
23 11 23 00-0087 EA 1/2" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	31.24	
23 11 23 00-0088 EA 3/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	32.55	
23 11 23 00-0089 EA 1" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	38.84	
23 11 23 00-0090 EA 1-1/4" Meter Stub-Out For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	46.89	
23 11 23 00-0091 Flush Mount Gas Valve Kits For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
Note: Includes flush fitting plastic valve box and 90 degree brass shut-off valve.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0092	EA	1/2" x 1/2", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	88.21	19.74
23 11 23 00-0093	EA	3/4" x 3/4", (CSST x Threaded) Flush Mount Gas Valve Kit For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	99.88	20.72
23 11 23 00-0094		Shut-Off Valves For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0095	EA	3/8" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	62.83	17.28
23 11 23 00-0096	EA	1/2" x 1/2", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	73.04	20.53
23 11 23 00-0097	EA	3/4" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	89.70	24.68
23 11 23 00-0098	EA	1" x 3/4", (CSST x Threaded) Shut-Off Valve For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	111.93	32.96
23 11 23 00-0099		Manifolds For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
		Note: Includes mounting hardware.		
23 11 23 00-0100	EA	1/2" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	77.26	20.53
23 11 23 00-0101	EA	3/4" Inlet, Three 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	87.49	24.68
23 11 23 00-0102	EA	1/2" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	82.97	20.53
23 11 23 00-0103	EA	3/4" Inlet, Four 1/2" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	91.19	24.68
23 11 23 00-0104	EA	2" x 1-1/2" Inlet, Four 1" Outlets, Manifold For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	171.79	61.69
23 11 23 00-0105		Pressure Regulators For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe <small>(23 11 23 00-0010)</small>		
23 11 23 00-0106	EA	1/2" Port, 250 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	81.88	20.53
23 11 23 00-0107	EA	1/2" Port, 355 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	81.88	20.53
23 11 23 00-0108	EA	1/2" Port, 425 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	116.03	20.53
23 11 23 00-0109	EA	3/4" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.25	24.68
23 11 23 00-0110	EA	3/4" Port, 810 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	124.25	24.68
23 11 23 00-0111	EA	1" Port, 550 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	140.70	32.96
23 11 23 00-0112	EA	1-1/4" Port, 1,000 MBTU Pressure Regulator For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe	212.19	37.01
23 11 23 00-0113	EA	1/2" Port, 200 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	109.99	20.53
23 11 23 00-0114	EA	3/4" Port, 425 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	278.89	24.68
23 11 23 00-0115	EA	1-1/4" Port, 900 MBTU Pressure Regulator With Over Pressure Protection Device For Corrugated Stainless Steel Tubing (CSST), Flexible Gas Pipe.....	681.54	37.01
23 11 23 00-0116		Polymer Coated Stainless Steel, Flexible Gas Appliance Connectors (Brass Craft) <small>(23 11 23)</small>		
23 11 23 00-0117		3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0118	EA	12" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-12).....	44.93	14.81
23 11 23 00-0119	EA	18" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-18).....	49.59	15.79
23 11 23 00-0120	EA	24" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-24).....	54.06	15.79
23 11 23 00-0121	EA	30" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-30).....	56.83	16.78
23 11 23 00-0122	EA	36" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-36).....	60.38	16.78
23 11 23 00-0123	EA	48" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-48).....	68.57	17.77
23 11 23 00-0124	EA	60" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-60).....	75.99	17.77
23 11 23 00-0125	EA	72" Length, 3/4" MIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC11-72).....	83.33	18.75
23 11 23 00-0126		3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0127	EA	12" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-12).....	44.93	14.81
23 11 23 00-0128	EA	18" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-18).....	49.59	15.79
23 11 23 00-0129	EA	24" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-24).....	54.06	15.79
23 11 23 00-0130	EA	30" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-30).....	56.83	16.78
23 11 23 00-0131	EA	36" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-36).....	60.38	16.78
23 11 23 00-0132	EA	48" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-48).....	68.57	17.77
23 11 23 00-0133	EA	60" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-60).....	75.99	17.77
23 11 23 00-0134	EA	72" Length, 3/4" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC14-72).....	83.33	18.75

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0135			3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0136	EA		12" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-12).....	44.93	14.81
23 11 23 00-0137	EA		18" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-18).....	49.59	15.79
23 11 23 00-0138	EA		24" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-24).....	54.06	15.79
23 11 23 00-0139	EA		30" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-30).....	56.83	16.78
23 11 23 00-0140	EA		36" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-36).....	60.38	16.78
23 11 23 00-0141	EA		48" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-48).....	68.57	17.77
23 11 23 00-0142	EA		60" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-60).....	75.99	17.77
23 11 23 00-0143	EA		72" Length, 3/4" MIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC15-72).....	83.33	18.75
23 11 23 00-0144			3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0145	EA		12" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-12).....	44.93	14.81
23 11 23 00-0146	EA		18" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-18).....	49.59	15.79
23 11 23 00-0147	EA		24" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-24).....	65.70	15.79
23 11 23 00-0148	EA		30" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-30).....	56.83	16.78
23 11 23 00-0149	EA		36" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-36).....	60.38	16.78
23 11 23 00-0150	EA		48" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-48).....	68.57	17.77
23 11 23 00-0151	EA		60" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-60).....	75.99	17.77
23 11 23 00-0152	EA		72" Length, 3/4" FIP x 3/4" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC21-72).....	83.33	18.75
23 11 23 00-0153			3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0154	EA		12" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-12).....	49.42	14.81
23 11 23 00-0155	EA		18" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-18).....	55.17	15.79
23 11 23 00-0156	EA		24" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-24).....	54.06	15.79
23 11 23 00-0157	EA		30" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-30).....	63.94	16.78
23 11 23 00-0158	EA		36" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-36).....	60.38	16.78
23 11 23 00-0159	EA		48" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-48).....	68.57	17.77
23 11 23 00-0160	EA		60" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-60).....	75.99	17.77
23 11 23 00-0161	EA		72" Length, 3/4" FIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC22-72).....	83.33	18.75
23 11 23 00-0162			3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0163	EA		12" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-12).....	44.93	14.81
23 11 23 00-0164	EA		24" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-24).....	60.65	15.79
23 11 23 00-0165	EA		30" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-30).....	56.83	16.78
23 11 23 00-0166	EA		36" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-36).....	60.38	16.78
23 11 23 00-0167	EA		48" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-48).....	68.57	17.77
23 11 23 00-0168	EA		60" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-60).....	87.85	17.77
23 11 23 00-0169	EA		72" Length, 3/4" FIP Elbow x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC23-72).....	83.33	18.75
23 11 23 00-0170			3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0171	EA	12" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-12).....	44.93	14.81
23 11 23 00-0172	EA	18" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-18).....	49.59	15.79
23 11 23 00-0173	EA	24" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-24).....	54.06	15.79
23 11 23 00-0174	EA	30" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-30).....	56.83	16.78
23 11 23 00-0175	EA	36" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-36).....	60.38	16.78
23 11 23 00-0176	EA	48" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-48).....	68.57	17.77
23 11 23 00-0177	EA	60" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-60).....	75.99	17.77
23 11 23 00-0178	EA	72" Length, 3/4" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC24-72).....	83.33	18.75
23 11 23 00-0179		3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0180	EA	12" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-12).....	44.93	14.81
23 11 23 00-0181	EA	18" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-18).....	49.59	15.79
23 11 23 00-0182	EA	24" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-24).....	54.06	15.79
23 11 23 00-0183	EA	30" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-30).....	56.83	16.78
23 11 23 00-0184	EA	36" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-36).....	60.38	16.78
23 11 23 00-0185	EA	48" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-48).....	68.57	17.77
23 11 23 00-0186	EA	60" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-60).....	75.99	17.77
23 11 23 00-0187	EA	72" Length, 3/4" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC25-72).....	83.33	18.75
23 11 23 00-0188		3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0189	EA	18" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-18).....	55.17	15.79
23 11 23 00-0190	EA	24" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-24).....	54.06	15.79
23 11 23 00-0191	EA	30" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-30).....	63.94	16.78
23 11 23 00-0192	EA	36" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-36).....	68.25	16.78
23 11 23 00-0193	EA	48" Length, 3/4" FIP Elbow x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC34-48).....	78.55	17.77
23 11 23 00-0194		1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0195	EA	12" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-12).....	44.93	14.81
23 11 23 00-0196	EA	18" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-18).....	49.59	15.79
23 11 23 00-0197	EA	24" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-24).....	49.41	15.79
23 11 23 00-0198	EA	30" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-30).....	56.83	16.78
23 11 23 00-0199	EA	36" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-36).....	54.81	16.78
23 11 23 00-0200	EA	48" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-48).....	70.27	17.77
23 11 23 00-0201	EA	60" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-60).....	75.99	17.77
23 11 23 00-0202	EA	72" Length, 1/2" MIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC44-72).....	83.33	18.75
23 11 23 00-0203		1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0204	EA	12" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-12).....	44.93	14.81
23 11 23 00-0205	EA	18" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-18).....	45.80	15.79
23 11 23 00-0206	EA	24" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-24).....	46.84	15.79
23 11 23 00-0207	EA	30" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-30).....	56.83	16.78

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0208 EA 36" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-36).....	60.38	16.78
23 11 23 00-0209 EA 48" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-48).....	61.30	17.77
23 11 23 00-0210 EA 60" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-60).....	75.99	17.77
23 11 23 00-0211 EA 72" Length, 1/2" FIP x 1/2" MIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC54-72).....	83.33	18.75
23 11 23 00-0212 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0213 EA 12" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-12).....	44.93	14.81
23 11 23 00-0214 EA 18" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-18).....	49.59	15.79
23 11 23 00-0215 EA 24" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-24).....	54.06	15.79
23 11 23 00-0216 EA 30" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-30).....	56.83	16.78
23 11 23 00-0217 EA 36" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-36).....	50.94	16.78
23 11 23 00-0218 EA 48" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-48).....	68.57	17.77
23 11 23 00-0219 EA 60" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-60).....	75.99	17.77
23 11 23 00-0220 EA 72" Length, 1/2" FIP x 1/2" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC55-72).....	83.33	18.75
23 11 23 00-0221 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0222 EA 12" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-12).....	60.91	14.81
23 11 23 00-0223 EA 18" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-18).....	65.54	15.79
23 11 23 00-0224 EA 24" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-24).....	70.01	15.79
23 11 23 00-0225 EA 30" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-30).....	72.75	16.78
23 11 23 00-0226 EA 36" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-36).....	76.46	16.78
23 11 23 00-0227 EA 48" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-48).....	84.15	17.77
23 11 23 00-0228 EA 60" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-60).....	92.21	17.77
23 11 23 00-0229 EA 72" Length, 3/4" MIP x 3/4" FIP, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC1J-72).....	99.57	18.75
23 11 23 00-0230 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0231 EA 12" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-12).....	70.78	19.74
23 11 23 00-0232 EA 18" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-18).....	75.42	20.72
23 11 23 00-0233 EA 24" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-24).....	79.89	20.72
23 11 23 00-0234 EA 30" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-30).....	82.62	21.71
23 11 23 00-0235 EA 36" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-36).....	86.32	21.71
23 11 23 00-0236 EA 48" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-48).....	94.02	22.70
23 11 23 00-0237 EA 60" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-60).....	102.08	22.70
23 11 23 00-0238 EA 72" Length, 3/4" FIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2J-72).....	109.44	23.69
23 11 23 00-0239 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) <small>(23 11 23 00-0116)</small>		
23 11 23 00-0240 EA 12" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12).....	70.78	19.74
23 11 23 00-0241 EA 18" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18).....	75.42	20.72
23 11 23 00-0242 EA 24" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24).....	79.89	20.72
23 11 23 00-0243 EA 30" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30).....	82.62	21.71
23 11 23 00-0244 EA 36" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36).....	86.32	21.71

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0245	EA	48" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48).....	94.02	22.70
23 11 23 00-0246	EA	60" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60).....	102.08	22.70
23 11 23 00-0247	EA	72" Length, 3/4" MIP x 3/4" FIP Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-72).....	109.44	23.69
23 11 23 00-0248		3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0249	EA	12" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-12).....	83.77	19.74
23 11 23 00-0250	EA	18" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-18).....	88.41	20.72
23 11 23 00-0251	EA	24" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-24).....	92.88	20.72
23 11 23 00-0252	EA	30" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-30).....	95.61	21.71
23 11 23 00-0253	EA	36" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-36).....	99.33	21.71
23 11 23 00-0254	EA	48" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-48).....	107.01	22.70
23 11 23 00-0255	EA	60" Length, 3/4" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4J-60).....	115.08	22.70
23 11 23 00-0256		3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0257	EA	12" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-12).....	83.77	19.74
23 11 23 00-0258	EA	18" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-18).....	88.41	20.72
23 11 23 00-0259	EA	24" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-24).....	92.88	20.72
23 11 23 00-0260	EA	36" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-36).....	99.33	21.71
23 11 23 00-0261	EA	48" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-48).....	107.01	22.70
23 11 23 00-0262	EA	60" Length, 3/4" FIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC2P-60).....	115.08	22.70
23 11 23 00-0263		1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0264	EA	12" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-12).....	83.77	19.74
23 11 23 00-0265	EA	18" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-18).....	88.41	20.72
23 11 23 00-0266	EA	24" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-24).....	92.88	20.72
23 11 23 00-0267	EA	30" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-30).....	95.61	21.71
23 11 23 00-0268	EA	36" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-36).....	99.33	21.71
23 11 23 00-0269	EA	48" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-48).....	107.01	22.70
23 11 23 00-0270	EA	60" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-60).....	115.08	22.70
23 11 23 00-0271	EA	72" Length, 1/2" MIP x 3/4" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4P-72).....	122.43	23.69
23 11 23 00-0272		1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		
23 11 23 00-0273	EA	12" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-12).....	67.36	19.74
23 11 23 00-0274	EA	18" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-18).....	72.02	20.72
23 11 23 00-0275	EA	24" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-24).....	76.51	20.72
23 11 23 00-0276	EA	30" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-30).....	79.21	21.71
23 11 23 00-0277	EA	36" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-36).....	82.91	21.71
23 11 23 00-0278	EA	48" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-48).....	90.59	22.70
23 11 23 00-0279	EA	72" Length, 1/2" MIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC4K-72).....	105.98	23.69
23 11 23 00-0280		1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft) (23 11 23 00-0116)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 23 00-0281	EA		18" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-18).....	81.26	20.72
23 11 23 00-0282	EA		24" Length, 1/2" FIP x 1/2" FIP Angle Ball Valve, 1/2" Diameter, Polymer Coated Stainless Steel, Flexible Gas Appliance Connector (Brass Craft CSSC5K-24).....	86.77	20.72
23 11 23 00-0283			Quarter-Turn, Gas Ball Valve <small>(23 11 23)</small>		
23 11 23 00-0284	EA		3/8" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top™ T-3000 102-102).....	40.34	10.51
23 11 23 00-0285	EA		1/2" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-103).....	40.22	10.72
23 11 23 00-0286	EA		3/4" FIP x FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-104).....	58.33	11.79
23 11 23 00-0287	EA		3/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-112).....	39.95	10.51
23 11 23 00-0288	EA		1/2" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-113).....	42.09	10.72
23 11 23 00-0289	EA		1/2" Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-118).....	47.59	10.72
23 11 23 00-0290	EA		5/8" Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-121).....	51.26	11.25
23 11 23 00-0291	EA		5/8" (7/8" -14) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-114).....	54.06	11.25
23 11 23 00-0292	EA		5/8" (15/16" -16) Flare x 3/4" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-115).....	54.06	11.25
23 11 23 00-0293	EA		3/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-312).....	42.04	10.51
23 11 23 00-0294	EA		1/2" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-313).....	44.18	10.72
23 11 23 00-0295	EA		5/8" Flare x Flare, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-314).....	55.53	11.25
23 11 23 00-0296	EA		1/2" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-413).....	44.46	10.72
23 11 23 00-0297	EA		3/4" FIP x 1/8" Texas Pattern, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-414).....	59.91	11.79
23 11 23 00-0298	EA		3/8" (9/16" -24) Flare x 1/2" FIP, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3000 102-119).....	41.93	10.51
23 11 23 00-0299	EA		3/8" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-612).....	39.67	10.51
23 11 23 00-0300	EA		1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-613).....	40.21	10.72
23 11 23 00-0301	EA		3/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-614).....	55.31	11.79
23 11 23 00-0302	EA		1" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-615).....	75.84	13.40
23 11 23 00-0303	EA		1-1/4" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-616).....	109.99	13.93
23 11 23 00-0304	EA		1-1/2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-617).....	131.10	16.08
23 11 23 00-0305	EA		2" T-Handle, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3001 102-618).....	162.43	19.29
23 11 23 00-0306	EA		1/2" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-713).....	41.42	10.72
23 11 23 00-0307	EA		3/4" Flathead, 175 PSI, Forged Brass, Quarter-Turn, Gas Ball Valve (Legend Blue Top T-3002 102-714).....	54.94	11.79
23 11 23 00-0308			Gas Stops <small>(23 11 23)</small>		
23 11 23 00-0309			Brass/Bronze Gas Stops <small>(23 11 23 00-0308)</small>		
			Note: Flat or square head		
23 11 23 00-0310	EA		3/8" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	50.94	10.72
23 11 23 00-0311	EA		1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	50.77	10.72
23 11 23 00-0312	EA		3/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	66.46	11.79
23 11 23 00-0313	EA		1" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	94.67	13.40
23 11 23 00-0314	EA		1-1/4" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	126.43	14.26
23 11 23 00-0315	EA		1-1/2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	160.32	16.50
23 11 23 00-0316	EA		2" Threaded, Flat Head, Bronze Gas Valve (A.Y. McDonald 10596).....	224.62	19.50
23 11 23 00-0317			Iron Body Gas Stops <small>(23 11 23 00-0308)</small>		
23 11 23 00-0318	EA		1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	70.04	10.72
23 11 23 00-0319	EA		3/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	85.43	11.79
23 11 23 00-0320	EA		1" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	106.11	13.40
23 11 23 00-0321	EA		1-1/4" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	137.54	14.26
23 11 23 00-0322	EA		1-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	174.27	16.50
23 11 23 00-0323	EA		2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	227.79	19.50
23 11 23 00-0324	EA		2-1/2" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	449.70	26.35
23 11 23 00-0325	EA		3" Threaded, Bronze Flat Head Plug, Iron Body Gas Valve (A.Y. McDonald 10685B).....	606.89	30.59
23 11 23 00-0326			Bronze Body Solenoid Valves, 150 PSI Gas <small>(23 11 23)</small>		
23 11 23 00-0327	EA		1/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	187.07	10.72
23 11 23 00-0328	EA		1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	218.35	10.72
23 11 23 00-0329	EA		3/4" Solenoid Valve, Bronze, 150 PSI, Gas.....	277.69	11.79
23 11 23 00-0330	EA		1" Solenoid Valve, Bronze, 150 PSI, Gas.....	418.38	13.40
23 11 23 00-0331	EA		1-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	750.69	16.50
23 11 23 00-0332	EA		2" Solenoid Valve, Bronze, 150 PSI, Gas.....	1,283.46	19.50
23 11 23 00-0333	EA		2-1/2" Solenoid Valve, Bronze, 150 PSI, Gas.....	1,588.60	26.35
23 11 23 00-0334	EA		3" Solenoid Valve, Bronze, 150 PSI, Gas.....	2,399.97	30.59
23 11 26			Facility Liquefied-Petroleum Gas Piping <small>(23 11)</small>		
23 11 26 00-0001			Fiberglass Reinforced Plastic Pipe And Fittings <small>(23 11 26)</small>		
23 11 26 00-0002			Fiberglass Reinforced Plastic Pipe <small>(23 11 26 00-0001)</small>		
			Note: For double containment fiberglass pipe, select both outer containment pipe size and inner containment pipe size (add modifier for use as inner pipe).		
23 11 26 00-0003	LF		2" Fiberglass Reinforced Plastic Pipe.....	20.33	7.11
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-7.96	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0004 LF 3" Fiberglass Reinforced Plastic Pipe <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	24.35 -9.55	8.49
23 11 26 00-0005 LF 4" Fiberglass Reinforced Plastic Pipe <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	32.11 -14.06	12.54
23 11 26 00-0006 LF 5" Fiberglass Reinforced Plastic Pipe <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	37.78 -15.84	14.41
23 11 26 00-0007 LF 6" Fiberglass Reinforced Plastic Pipe <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	44.12 -18.13	16.09
23 11 26 00-0008 LF 8" Fiberglass Reinforced Plastic Pipe <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	60.25 -21.25	18.91
23 11 26 00-0009 LF 10" Fiberglass Reinforced Plastic Pipe <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	80.35 -25.33	22.49
23 11 26 00-0010 LF 12" Fiberglass Reinforced Plastic Pipe <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	237.72 -31.87	28.32
23 11 26 00-0011 Fiberglass Reinforced Plastic Fittings (23 11 26 00-0001)		
23 11 26 00-0012 Fiberglass Reinforced Plastic Flanged 90 Degree Elbows (23 11 26 00-0011)		
23 11 26 00-0013 EA 2" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	154.45 -79.60	70.77
23 11 26 00-0014 EA 3" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	182.11 -95.51	84.98
23 11 26 00-0015 EA 4" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	218.38 -110.96	98.70
23 11 26 00-0016 EA 5" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	266.96 -123.41	111.87
23 11 26 00-0017 EA 6" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	322.56 -141.14	125.52
23 11 26 00-0018 EA 8" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	465.14 -176.42	156.85
23 11 26 00-0019 EA 10" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	599.37 -212.46	188.94
23 11 26 00-0020 EA 12" Fiberglass Reinforced Plastic Flanged 90 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,743.78 -263.45	234.28
23 11 26 00-0021 Fiberglass Reinforced Plastic Flanged 45 Degree Elbows (23 11 26 00-0011)		
23 11 26 00-0022 EA 2" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	154.82 -79.60	70.77
23 11 26 00-0023 EA 3" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	182.22 -95.51	84.98
23 11 26 00-0024 EA 4" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	218.71 -111.04	98.80
23 11 26 00-0025 EA 5" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	275.17 -129.54	117.35
23 11 26 00-0026 EA 6" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	322.43 -141.14	125.52
23 11 26 00-0027 EA 8" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	465.14 -176.42	156.85
23 11 26 00-0028 EA 10" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,314.26 -212.46	188.94
23 11 26 00-0029 EA 12" Fiberglass Reinforced Plastic Flanged 45 Degree Elbow <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,743.78 -263.45	234.28
23 11 26 00-0030 Fiberglass Reinforced Plastic Flanged Tees (23 11 26 00-0011)		
23 11 26 00-0031 EA 2" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	373.51 -119.39	106.20
23 11 26 00-0032 EA 3" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	464.42 -143.79	127.91
23 11 26 00-0033 EA 4" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	526.80 -166.58	148.14
23 11 26 00-0034 EA 5" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	678.86 -194.39	175.98
23 11 26 00-0035 EA 6" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	817.81 -212.46	188.94
23 11 26 00-0036 EA 8" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,031.11 -263.45	234.28
23 11 26 00-0037 EA 10" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,714.07 -318.70	283.40
23 11 26 00-0038 EA 12" Fiberglass Reinforced Plastic Flanged Tee <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	2,315.17 -387.43	344.56
23 11 26 00-0039 Fiberglass Reinforced Plastic Flanged Wyes (23 11 26 00-0011)		
23 11 26 00-0040 EA 2" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	518.57 -119.39	106.20
23 11 26 00-0041 EA 3" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	671.81 -143.61	127.71
23 11 26 00-0042 EA 4" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	790.52 -166.56	148.14
23 11 26 00-0043 EA 5" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	903.41 -194.39	175.98

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0044 EA 6" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,003.24 -212.46	188.94
23 11 26 00-0045 EA 8" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,324.35 -263.45	234.28
23 11 26 00-0046 EA 10" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	2,083.93 -318.70	283.40
23 11 26 00-0047 EA 12" Fiberglass Reinforced Plastic Flanged Wye <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	2,718.35 -387.43	344.56
23 11 26 00-0048 Fiberglass Reinforced Plastic Flanged Concentric Reducers (23 11 26 00-0011)		
23 11 26 00-0049 EA 2" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	287.73 -79.60	70.77
23 11 26 00-0050 EA 3" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	377.72 -95.51	84.98
23 11 26 00-0051 EA 4" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	410.24 -111.04	98.80
23 11 26 00-0052 EA 5" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	475.72 -129.54	117.35
23 11 26 00-0053 EA 6" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	531.92 -141.14	125.52
23 11 26 00-0054 EA 8" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	714.36 -176.42	156.85
23 11 26 00-0055 EA 10" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	921.09 -212.46	188.94
23 11 26 00-0056 EA 12" Fiberglass Reinforced Plastic Flanged Concentric Reducer <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	1,275.27 -263.45	234.28
23 11 26 00-0057 Fiberglass Reinforced Plastic Bell x Male Or Female Adapters (23 11 26 00-0011)		
23 11 26 00-0058 EA 2" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	222.90 -79.60	70.77
23 11 26 00-0059 EA 3" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	253.91 -95.51	84.98
23 11 26 00-0060 EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	286.55 -111.04	98.80
23 11 26 00-0061 EA 4" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	354.56 -129.54	117.35
23 11 26 00-0062 EA 6" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	413.36 -141.14	125.52
23 11 26 00-0063 EA 8" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	387.69 -176.42	156.85
23 11 26 00-0064 EA 10" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	502.37 -212.46	188.94
23 11 26 00-0065 EA 12" Fiberglass Reinforced Plastic Bell x Male Or Female Adapter <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	827.66 -263.45	234.28
23 11 26 00-0066 Fiberglass Reinforced Plastic Nipples (23 11 26 00-0011)		
23 11 26 00-0067 EA 2" x 6" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	44.97 -9.55	8.49
23 11 26 00-0068 EA 2" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	89.87 -19.05	16.97
23 11 26 00-0069 EA 3" x 8" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	160.43 -14.66	13.03
23 11 26 00-0070 EA 3" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	183.98 -19.79	17.60
23 11 26 00-0071 EA 4" x 8" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	174.03 -14.12	12.51
23 11 26 00-0072 EA 4" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	207.31 -21.17	18.82
23 11 26 00-0073 EA 6" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	259.13 -23.29	21.08
23 11 26 00-0074 EA 6" x 12" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	310.90 -25.43	22.58
23 11 26 00-0075 EA 8" x 18" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	155.57 -29.64	26.35
23 11 26 00-0076 EA 8" x 24" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	211.15 -42.31	37.64
23 11 26 00-0077 EA 10" x 18" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	271.91 -30.12	26.82
23 11 26 00-0078 EA 10" x 24" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	408.19 -45.11	40.08
23 11 26 00-0079 EA 12" x 18" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	319.73 -31.07	27.67
23 11 26 00-0080 EA 12" x 24" Fiberglass Reinforced Plastic Nipple <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	415.19 -46.61	41.40
23 11 26 00-0081 Fiberglass Reinforced Plastic Sleeve Couplings (23 11 26 00-0011)		
23 11 26 00-0082 EA 2" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	135.74 -79.60	70.77
23 11 26 00-0083 EA 3" Fiberglass Reinforced Plastic Sleeve Coupling <i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	163.41 -95.51	84.98

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0084	EA		4" Fiberglass Reinforced Plastic Sleeve Coupling	188.64	98.80
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-111.04	
23 11 26 00-0085	EA		5" Fiberglass Reinforced Plastic Sleeve Coupling	228.84	117.35
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-129.54	
23 11 26 00-0086	EA		6" Fiberglass Reinforced Plastic Sleeve Coupling	259.82	125.52
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-141.14	
23 11 26 00-0087	EA		8" Fiberglass Reinforced Plastic Sleeve Coupling	340.29	156.85
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-176.42	
23 11 26 00-0088	EA		10" Fiberglass Reinforced Plastic Sleeve Coupling	443.27	188.94
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-212.46	
23 11 26 00-0089	EA		12" Fiberglass Reinforced Plastic Sleeve Coupling	539.91	234.28
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-263.45	
23 11 26 00-0090			Fiberglass Reinforced Plastic Flanges (23 11 26 00-0011)		
23 11 26 00-0091	EA		2" Fiberglass Reinforced Plastic Flange	139.44	70.77
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-79.60	
23 11 26 00-0092	EA		3" Fiberglass Reinforced Plastic Flange	168.30	84.98
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-95.51	
23 11 26 00-0093	EA		4" Fiberglass Reinforced Plastic Flange	196.29	94.00
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-105.67	
23 11 26 00-0094	EA		5" Fiberglass Reinforced Plastic Flange	238.93	111.87
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-123.50	
23 11 26 00-0095	EA		6" Fiberglass Reinforced Plastic Flange	281.31	125.52
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-141.14	
23 11 26 00-0096	EA		8" Fiberglass Reinforced Plastic Flange	351.73	150.17
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-168.88	
23 11 26 00-0097	EA		10" Fiberglass Reinforced Plastic Flange	476.70	188.94
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-212.46	
23 11 26 00-0098	EA		12" Fiberglass Reinforced Plastic Flange	673.64	234.28
			<i>For Use As Inner Pipe In Double Wall Pipe System, Deduct</i>	-263.45	
23 11 26 00-0099			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing And Fittings (23 11 26)		
23 11 26 00-0100			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing (23 11 26 00-0099)		
23 11 26 00-0101	LF		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	138.45	30.50
23 11 26 00-0102	LF		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	165.13	36.13
23 11 26 00-0103	LF		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	207.49	53.30
23 11 26 00-0104	LF		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	294.14	69.09
23 11 26 00-0105	LF		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	426.18	80.92
23 11 26 00-0106	LF		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	588.73	95.98
23 11 26 00-0107	LF		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing	753.05	121.09
23 11 26 00-0108			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Fittings (23 11 26 00-0099)		
23 11 26 00-0109			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbows (23 11 26 00-0108)		
23 11 26 00-0110	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,533.23	377.42
23 11 26 00-0111	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	2,908.94	453.02
23 11 26 00-0112	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	3,657.03	526.45
23 11 26 00-0113	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	6,474.97	669.27
23 11 26 00-0114	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	10,616.29	836.74
23 11 26 00-0115	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	14,379.58	1,006.67
23 11 26 00-0116	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 90 Degree Elbow	19,252.53	1,246.60
23 11 26 00-0117			Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbows (23 11 26 00-0108)		
23 11 26 00-0118	EA		2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,537.51	377.42
23 11 26 00-0119	EA		3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	2,901.43	453.02
23 11 26 00-0120	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	3,651.13	526.45
23 11 26 00-0121	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	6,440.30	669.27
23 11 26 00-0122	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	10,566.08	836.74
23 11 26 00-0123	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow	14,311.27	1,007.15

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0124	EA			12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged 45 Degree Elbow.....	19,163.56	1,249.43
23 11 26 00-0125 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tees (23 11 26 00-0108)						
23 11 26 00-0126	EA			2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	3,509.86	566.13
23 11 26 00-0127	EA			3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,409.00	682.30
23 11 26 00-0128	EA			4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	4,967.88	790.08
23 11 26 00-0129	EA			6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	8,147.74	1,007.61
23 11 26 00-0130	EA			8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	10,314.56	1,249.43
23 11 26 00-0131	EA			10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	18,270.13	1,509.68
23 11 26 00-0132	EA			12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Tee	25,076.89	1,830.43
23 11 26 00-0133 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wyes (23 11 26 00-0108)						
23 11 26 00-0134	EA			2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	5,311.10	566.13
23 11 26 00-0135	EA			3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	6,985.79	681.51
23 11 26 00-0136	EA			4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	8,242.71	790.08
23 11 26 00-0137	EA			6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	10,450.06	1,007.61
23 11 26 00-0138	EA			8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	13,955.56	1,249.43
23 11 26 00-0139	EA			10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	22,862.61	1,509.68
23 11 26 00-0140	EA			12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Wye	30,082.95	1,830.43
23 11 26 00-0141 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducers (23 11 26 00-0108)						
23 11 26 00-0142	EA			2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	2,820.66	377.42
23 11 26 00-0143	EA			3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	3,787.96	453.02
23 11 26 00-0144	EA			4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	4,044.89	526.45
23 11 26 00-0145	EA			6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	5,271.50	669.27
23 11 26 00-0146	EA			8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	7,203.79	836.74
23 11 26 00-0147	EA			10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	9,428.73	1,006.67
23 11 26 00-0148	EA			12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanged Concentric Reducer.....	13,341.99	1,246.60
23 11 26 00-0149 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapters (23 11 26 00-0108)						
23 11 26 00-0150	EA			2" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,015.67	377.42
23 11 26 00-0151	EA			3" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,250.61	453.02
23 11 26 00-0152	EA			4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	2,509.02	526.45
23 11 26 00-0153	EA			6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	3,799.38	669.27
23 11 26 00-0154	EA			8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	3,147.69	836.74
23 11 26 00-0155	EA			10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	4,229.61	1,006.67
23 11 26 00-0156	EA			12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Bell x Male Or Female Adapter.....	7,784.13	1,246.60
23 11 26 00-0157 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipples (23 11 26 00-0108)						
23 11 26 00-0158	EA			2" x 6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	468.19	45.30
23 11 26 00-0159	EA			2" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	936.04	90.40
23 11 26 00-0160	EA			3" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,853.57	69.48
23 11 26 00-0161	EA			3" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,097.54	93.81
23 11 26 00-0162	EA			4" x 8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,027.61	66.90
23 11 26 00-0163	EA			4" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,374.25	100.40
23 11 26 00-0164	EA			6" x 12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,620.22	120.63
23 11 26 00-0165	EA			8" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	1,651.75	140.58
23 11 26 00-0166	EA			8" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	2,222.20	200.69
23 11 26 00-0167	EA			10" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,091.72	142.83
23 11 26 00-0168	EA			10" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	4,642.18	213.96
23 11 26 00-0169	EA			12" x 18" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	3,676.56	147.35
23 11 26 00-0170	EA			12" x 24" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Nipple	4,715.15	221.01
23 11 26 00-0171 Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flanges (23 11 26 00-0108)						

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 11 Facility Fuel Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 11 26 00-0172	EA		4" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	1,439.23	501.13
23 11 26 00-0173	EA		6" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	2,159.74	669.27
23 11 26 00-0174	EA		8" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	2,772.45	801.09
23 11 26 00-0175	EA		10" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	3,910.90	1,006.67
23 11 26 00-0176	EA		12" Fiberglass Reinforced Carrier Pipe With Coated Steel Secondary Containment Casing Flange.....	5,871.74	1,246.60

23 12 Facility Fuel Pumps (23 10)**23 12 13 Facility Fuel-Oil Pumps (23 12)**

23 12 13 00-0001			Cast Iron Internal Gear Rotary Pump (23 12 13) Note: Heavy duty type with relief valve, 1150 RPM drip-proof motor, common base plate. For viscosity to 20 centipoise; diesel oil, and light oil.		
23 12 13 00-0002			10 GPM 1" Discharge (23 12 13 00-0001)		
23 12 13 00-0003	EA		10 GPM Cast Iron Rotary Pump, 20 PSI 1/2 HP With 1" Discharge	1,617.93	286.39
23 12 13 00-0004	EA		10 GPM Cast Iron Rotary Pump, 40 PSI 3/4 HP With 1" Discharge	1,687.93	346.63
23 12 13 00-0005	EA		10 GPM Cast Iron Rotary Pump, 60 PSI 1 HP With 1" Discharge	1,840.92	411.81
23 12 13 00-0006			25 GPM 1-1/4" Discharge (23 12 13 00-0001)		
23 12 13 00-0007	EA		25 GPM Cast Iron Rotary Pump, 20 PSI 1 HP With 1-1/4" Discharge	1,715.70	286.39
23 12 13 00-0008	EA		25 GPM Cast Iron Rotary Pump, 40 PSI 1.5 HP With 1-1/4" Discharge	1,802.70	346.63
23 12 13 00-0009	EA		25 GPM Cast Iron Rotary Pump, 60 PSI 2 HP With 1-1/4" Discharge	1,889.53	411.81
23 12 13 00-0010			Pump, Fuel Oil, 2 Stage 3450 RPM 100 PSI (23 12 13)		
23 12 13 00-0011	EA		1/4 HP Pump Fuel Oil/Diesel	1,204.47	160.48
23 12 13 00-0012	EA		1/3 HP Pump Fuel Oil/Diesel	1,418.36	179.74
23 12 13 00-0013	EA		1/2 HP Pump Fuel Oil/Diesel	1,549.52	201.46
23 12 13 00-0014	EA		3/4 HP Pump Fuel Oil/Diesel	1,688.60	227.14
23 12 13 00-0015	EA		1 HP Pump Fuel Oil/Diesel	2,391.85	252.82
23 12 13 00-0016	EA		1-1/2 HP Pump Fuel Oil/Diesel	2,931.94	282.93
23 12 13 00-0017	EA		2 HP Pump Fuel Oil/Diesel	3,248.31	317.00
23 12 13 00-0018	EA		3 HP Pump Fuel Oil/Diesel	3,968.62	354.53
23 12 13 00-0019	EA		5 HP Pump Fuel Oil/Diesel	4,683.21	397.50
23 12 13 00-0020	EA		7.5 HP Pump Fuel Oil/Diesel	5,243.29	445.89
23 12 13 00-0021	EA		10 HP Pump Fuel Oil/Diesel	5,878.72	499.80

23 12 23 Facility Natural-Gas Pumps (23 12)

23 12 23 00-0001			Natural Gas Booster Pump (23 12 23)		
23 12 23 00-0002	EA		Natural Gas Booster Pump, 3/4" Outlet Size	1,164.00	148.14
23 12 23 00-0003	EA		Natural Gas Booster Pump, 1" Outlet Size	1,383.51	165.41
23 12 23 00-0004	EA		Natural Gas Booster Pump, 1-1/4" Outlet Size	1,554.76	172.83
23 12 23 00-0005	EA		Natural Gas Booster Pump, 1-1/2" Outlet Size	1,768.70	180.23
23 12 23 00-0006	EA		Natural Gas Booster Pump, 2" Outlet Size	2,006.20	185.16

23 13 Facility Fuel-Storage Tanks (23 10)**23 13 13 Facility Underground Fuel-Oil, Storage Tanks (23 13)****23 13 13 13 Double-Wall Steel, Underground Fuel-Oil, Storage Tanks (23 13 13)**

23 13 13 13-0001			Coated Underground Double Wall Storage Tanks (23 13 13 13) Note: Includes setting in place with hold down bars and manway and 4" NPT connections as follows: up to 1000 gallon, 4 each; all others 6 each. Excludes excavation, pad, plastic lining, pumps and piping.		
23 13 13 13-0002	EA		250 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	15,990.28	684.39
23 13 13 13-0003	EA		550 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	17,284.99	684.39
23 13 13 13-0004	EA		1,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	24,999.64	855.43
23 13 13 13-0005	EA		2,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	34,154.88	1,670.85
23 13 13 13-0006	EA		3,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	54,468.12	2,148.12
23 13 13 13-0007	EA		4,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	60,666.98	2,467.18
23 13 13 13-0008	EA		5,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	65,390.70	3,262.13
23 13 13 13-0009	EA		6,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	67,598.12	3,502.46
23 13 13 13-0010	EA		8,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	82,524.29	4,137.72
23 13 13 13-0011	EA		10,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	95,577.90	4,772.56
23 13 13 13-0012	EA		12,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	122,406.86	5,248.34
23 13 13 13-0013	EA		14,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	145,085.80	6,372.32
23 13 13 13-0014	EA		15,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	149,833.94	6,762.69
23 13 13 13-0015	EA		20,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	183,445.10	10,727.02
23 13 13 13-0016	EA		25,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	225,326.17	13,910.32
23 13 13 13-0017	EA		30,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	265,564.15	15,915.94
23 13 13 13-0018	EA		40,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	342,108.50	17,109.64
23 13 13 13-0019	EA		48,000 Gallon Underground Double Wall Steel Storage Tank, Coated, In Place With Hold Down Bars	464,398.57	17,548.39

23 13 13 23 Glass-Fiber-Reinforced-Plastic, Underground Fuel-Oil, Storage Tanks (23 13 13)

23 13 13 23-0001			Underground Fiberglass Storage Tanks (23 13 13 23)		
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MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 13 13 23-0002		Single Wall Fiberglass Underground Storage Tanks <small>(23 13 13 23-0001)</small>		
		Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0003	EA	550 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	4,049.53	684.39
23 13 13 23-0004	EA	1,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	5,087.31	855.43
23 13 13 23-0005	EA	2,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	6,614.37	1,058.41
23 13 13 23-0006	EA	2,500 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	7,501.71	1,289.19
23 13 13 23-0007	EA	3,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	8,385.88	1,512.01
23 13 13 23-0008	EA	4,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	10,184.82	1,989.49
23 13 13 23-0009	EA	5,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	12,066.89	3,024.03
23 13 13 23-0010	EA	6,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	13,603.05	3,819.82
23 13 13 23-0011	EA	8,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	16,351.60	4,297.30
23 13 13 23-0012	EA	10,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	18,374.92	5,093.10
23 13 13 23-0013	EA	12,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	23,735.18	6,048.05
23 13 13 23-0014	EA	15,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	29,159.64	7,560.08
23 13 13 23-0015	EA	20,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	36,756.56	10,106.62
23 13 13 23-0016	EA	25,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	55,193.16	12,573.60
23 13 13 23-0017	EA	30,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	67,700.29	15,120.14
23 13 13 23-0018	EA	40,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	96,583.66	21,884.43
23 13 13 23-0019	EA	50,000 Gallon Single Wall Fiberglass Tank Including Fittings And Anchor Straps	137,891.64	27,852.90
23 13 13 23-0020		Double Wall Fiberglass Underground Storage Tanks <small>(23 13 13 23-0001)</small>		
		Note: Includes setting in place with hold down bars, fittings, bumper pads, flow channels, monitoring fitting, tank bottom deflector gauge plates, manway, anchor straps and 4" NPT tank mounted fitting connections as follows: 550 gallon or 1,000 gallon, 4 each: all others 6 each. Excludes excavation and backfill.		
23 13 13 23-0021	EA	550 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	7,877.03	684.39
23 13 13 23-0022	EA	1,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	10,387.09	855.43
23 13 13 23-0023	EA	2,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	12,452.96	1,034.53
23 13 13 23-0024	EA	3,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	16,173.22	1,512.12
23 13 13 23-0025	EA	4,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	18,134.39	1,989.49
23 13 13 23-0026	EA	5,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	20,806.01	3,024.03
23 13 13 23-0027	EA	6,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	23,120.91	3,819.82
23 13 13 23-0028	EA	8,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	28,465.24	4,297.30
23 13 13 23-0029	EA	10,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	30,488.56	5,093.10
23 13 13 23-0030	EA	12,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	36,930.40	6,048.05
23 13 13 23-0031	EA	15,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	50,845.22	7,560.08
23 13 13 23-0032	EA	20,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	62,930.67	10,106.62
23 13 13 23-0033	EA	30,000 Gallon Double Wall Fiberglass Tank Including Fittings And Anchor Straps	97,335.44	15,120.14
23 13 13 23-0034		Underground Storage Tank Pump Enclosures <small>(23 13 13 23)</small>		
23 13 13 23-0035	EA	Secondary Containment Collar	3,936.38	
23 13 13 23-0036	EA	Turbine Enclosure With Lid 4' Long x 42" Diameter	3,936.38	
23 13 13 23-0037	EA	Fitting Kit For Turbine Enclosure	787.28	
23 13 13 23-0038	EA	Grommet Kits For Plumbing And Electrical	1,574.55	
23 13 13 23-0039	EA	Turbine Electrical Coupling Kit	1,968.19	
23 13 23		Facility Aboveground Fuel-Oil, Storage Tanks <small>(23 13)</small>		
23 13 23 13		Vertical, Steel, Aboveground Fuel-Oil, Storage Tanks <small>(23 13 23)</small>		
23 13 23 13-0001		Vertical Rectangular Double Wall Steel Fuel Day Tank <small>(23 13 23 13)</small>		
		Note: Includes day tank with standard equipment, pump, pump control, level control, backup level control, level alarms, alarm outputs.		
23 13 23 13-0002	EA	10 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,162.46	128.67
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0003	EA	15 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,248.61	135.10
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0004	EA	25 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,355.55	144.74
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0005	EA	50 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,558.49	154.40
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0006	EA	60 Gallon Double Wall Steel Day Tank (Tramont TRX)	1,738.94	160.83
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0007	EA	75 Gallon Double Wall Steel Day Tank (Tramont TRX)	2,049.69	192.99
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0008	EA	100 Gallon Double Wall Steel Day Tank (Tramont TRX)	2,761.60	225.16
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0009	EA	150 Gallon Double Wall Steel Day Tank (Tramont TRX)	3,497.51	257.32
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0010	EA	200 Gallon Double Wall Steel Day Tank (Tramont TRX)	4,490.56	289.48
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0011	EA	275 Gallon Double Wall Steel Day Tank (Tramont TRX)	5,005.32	321.66
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0012	EA	300 Gallon Double Wall Steel Day Tank (Tramont TRX)	5,726.27	385.99
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0013	EA	350 Gallon Double Wall Steel Day Tank (Tramont TRX)	6,412.93	450.31
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		
23 13 23 13-0014	EA	400 Gallon Double Wall Steel Day Tank (Tramont TRX)	7,120.16	514.65
		Note: Includes rust-inhibitor coated interior and gray painted exterior.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0015	EA	450 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,904.07	546.82
23 13 23 13-0016	EA	500 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,693.12	578.98
23 13 23 13-0017	EA	550 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,590.18	611.14
23 13 23 13-0018	EA	600 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,374.09	643.31
23 13 23 13-0019	EA	700 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,548.55	771.97
23 13 23 13-0020	EA	800 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,456.34	836.30
23 13 23 13-0021	EA	900 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,666.80	964.97
23 13 23 13-0022	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont TRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	14,882.40	1,093.63
23 13 23 13-0023	EA	10 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,412.75	128.67
23 13 23 13-0024	EA	15 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,500.61	135.10
23 13 23 13-0025	EA	25 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,607.55	144.74
23 13 23 13-0026	EA	50 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,808.78	154.40
23 13 23 13-0027	EA	60 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	1,989.23	160.83
23 13 23 13-0028	EA	75 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	2,301.70	192.99
23 13 23 13-0029	EA	100 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,037.61	225.16
23 13 23 13-0030	EA	150 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	3,773.52	257.32
23 13 23 13-0031	EA	200 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	4,766.57	289.48
23 13 23 13-0032	EA	275 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	5,281.33	321.66
23 13 23 13-0033	EA	300 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,002.27	385.99
23 13 23 13-0034	EA	350 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	6,688.93	450.31
23 13 23 13-0035	EA	400 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	7,396.17	514.65
23 13 23 13-0036	EA	450 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,180.08	546.82
23 13 23 13-0037	EA	500 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	8,969.13	578.98
23 13 23 13-0038	EA	550 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	9,867.90	611.14
23 13 23 13-0039	EA	600 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	10,651.81	643.31
23 13 23 13-0040	EA	700 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	11,824.55	771.97
23 13 23 13-0041	EA	800 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	12,732.34	836.30
23 13 23 13-0042	EA	900 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	13,942.80	964.97
23 13 23 13-0043	EA	1,000 Gallon Double Wall Steel Day Tank (Tramont UTRX)..... Note: Includes rust-inhibitor coated interior and gray painted exterior.	15,158.41	1,093.63
23 13 23 13-0044	EA	10 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,360.77	128.67
23 13 23 13-0045	EA	15 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,438.35	135.10
23 13 23 13-0046	EA	25 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,507.57	144.74
23 13 23 13-0047	EA	50 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,777.37	154.40
23 13 23 13-0048	EA	60 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	2,878.96	160.83
23 13 23 13-0049	EA	75 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,179.43	192.99
23 13 23 13-0050	EA	100 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,827.91	225.16
23 13 23 13-0051	EA	150 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,834.68	257.32
23 13 23 13-0052	EA	200 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,436.86	289.48
23 13 23 13-0053	EA	275 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,113.94	321.66
23 13 23 13-0054	EA	300 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,037.17	385.99
23 13 23 13-0055	EA	350 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,590.12	450.31
23 13 23 13-0056	EA	400 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,345.35	514.65
23 13 23 13-0057	EA	450 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE)..... Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,093.26	546.82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0058 EA 500 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,081.17	578.98
23 13 23 13-0059 EA 550 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,489.65	611.14
23 13 23 13-0060 EA 600 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,855.26	643.31
23 13 23 13-0061 EA 700 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	13,556.02	771.97
23 13 23 13-0062 EA 800 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,212.96	836.30
23 13 23 13-0063 EA 900 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,016.58	964.97
23 13 23 13-0064 EA 1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont TRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	18,849.34	1,093.63
23 13 23 13-0065 EA 10 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,492.22	128.67
23 13 23 13-0066 EA 15 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,569.80	135.10
23 13 23 13-0067 EA 25 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,639.02	144.74
23 13 23 13-0068 EA 50 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	3,908.82	154.40
23 13 23 13-0069 EA 60 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,010.41	160.83
23 13 23 13-0070 EA 75 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,310.88	192.99
23 13 23 13-0071 EA 100 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	4,959.36	225.16
23 13 23 13-0072 EA 150 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	5,966.13	257.32
23 13 23 13-0073 EA 200 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	6,643.75	289.48
23 13 23 13-0074 EA 275 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	7,851.09	321.66
23 13 23 13-0075 EA 300 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	8,774.33	385.99
23 13 23 13-0076 EA 350 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	9,328.99	450.31
23 13 23 13-0077 EA 400 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,082.51	514.65
23 13 23 13-0078 EA 450 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	10,832.13	546.82
23 13 23 13-0079 EA 500 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	11,818.33	578.98
23 13 23 13-0080 EA 550 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,226.80	611.14
23 13 23 13-0081 EA 600 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	12,592.42	643.31
23 13 23 13-0082 EA 700 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	14,293.18	771.97
23 13 23 13-0083 EA 800 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	15,951.84	836.30
23 13 23 13-0084 EA 900 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	17,753.74	964.97
23 13 23 13-0085 EA 1,000 Gallon Double Wall Steel Day Tank With Pump (Tramont UTRE) Note: Includes pump, motor control float switch, rust-inhibitor coated interior and gray painted exterior.	19,586.49	1,093.63
23 13 23 13-0086 EA 10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,124.80	128.67
23 13 23 13-0087 EA 15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,210.95	135.10
23 13 23 13-0088 EA 25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,281.89	144.74
23 13 23 13-0089 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,560.26	154.40
23 13 23 13-0090 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,709.85	160.83
23 13 23 13-0091 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	4,982.90	192.99
23 13 23 13-0092 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,657.09	225.16
23 13 23 13-0093 EA 150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,711.86	257.32
23 13 23 13-0094 EA 200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,336.33	289.48
23 13 23 13-0095 EA 275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,078.55	321.66

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 13-0096 EA 300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,049.78	385.99
23 13 23 13-0097 EA 350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,549.58	450.31
23 13 23 13-0098 EA 400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,407.68	514.65
23 13 23 13-0099 EA 450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,313.30	546.82
23 13 23 13-0100 EA 500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,224.07	578.98
23 13 23 13-0101 EA 550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,682.26	611.14
23 13 23 13-0102 EA 600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,022.16	643.31
23 13 23 13-0103 EA 700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	15,800.06	771.97
23 13 23 13-0104 EA 800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	17,537.58	836.30
23 13 23 13-0105 EA 900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	19,421.77	964.97
23 13 23 13-0106 EA 1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont TRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	21,331.67	1,093.63
23 13 23 13-0107 EA 10 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,256.26	128.67
23 13 23 13-0108 EA 15 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,342.41	135.10
23 13 23 13-0109 EA 25 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,413.34	144.74
23 13 23 13-0110 EA 50 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,691.71	154.40
23 13 23 13-0111 EA 60 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	5,841.30	160.83
23 13 23 13-0112 EA 75 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,110.92	192.99
23 13 23 13-0113 EA 100 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	6,788.54	225.16
23 13 23 13-0114 EA 150 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	7,843.31	257.32
23 13 23 13-0115 EA 200 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	8,467.78	289.48
23 13 23 13-0116 EA 275 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	9,815.70	321.66
23 13 23 13-0117 EA 300 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	10,786.94	385.99
23 13 23 13-0118 EA 350 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	11,458.17	450.31
23 13 23 13-0119 EA 400 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	12,144.83	514.65
23 13 23 13-0120 EA 450 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,050.46	546.82
23 13 23 13-0121 EA 500 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	13,961.23	578.98
23 13 23 13-0122 EA 550 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,419.42	611.14
23 13 23 13-0123 EA 600 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	14,761.04	643.31
23 13 23 13-0124 EA 700 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS)..... Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	16,537.22	771.97

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23	13-0125	EA	800 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	18,274.74	836.30
23 13 23	13-0126	EA	900 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	20,158.93	964.97
23 13 23	13-0127	EA	1,000 Gallon Double Wall Steel Day Tank With Pump And Control Module (Tramont UTRS) Note: Includes pump, motor control float switch, electronic control module, rust-inhibitor coated interior and gray painted exterior.	22,068.83	1,093.63
23 13 23	13-0128	EA	150% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,151.28	128.67
23 13 23	13-0129	EA	150% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,247.99	135.10
23 13 23	13-0130	EA	150% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	6,551.75	144.74
23 13 23	13-0131	EA	150% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,549.44	154.40
23 13 23	13-0132	EA	150% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	2,064.79	160.83
23 13 23	13-0133	EA	150% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,118.40	192.99
23 13 23	13-0134	EA	150% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,665.33	225.16
23 13 23	13-0135	EA	150% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,300.50	257.32
23 13 23	13-0136	EA	150% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,340.73	289.48
23 13 23	13-0137	EA	150% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,457.90	321.66
23 13 23	13-0138	EA	150% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,551.75	385.99
23 13 23	13-0139	EA	150% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	7,036.87	450.31
23 13 23	13-0140	EA	150% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	7,524.26	514.65
23 13 23	13-0141	EA	150% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	8,263.53	546.82
23 13 23	13-0142	EA	150% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	9,005.06	578.98
23 13 23	13-0143	EA	150% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	9,649.31	611.14
23 13 23	13-0144	EA	150% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	10,300.31	643.31
23 13 23	13-0145	EA	150% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	11,650.72	771.97
23 13 23	13-0146	EA	150% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	12,934.63	836.30
23 13 23	13-0147	EA	150% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	14,361.99	964.97
23 13 23	13-0148	EA	150% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	15,739.56	1,093.63
23 13 23	13-0149	EA	200% Containment Double Wall Open Top Basin For 10 Gallon Tank.....	1,214.05	135.10
23 13 23	13-0150	EA	200% Containment Double Wall Open Top Basin For 15 Gallon Tank.....	1,320.90	144.74
23 13 23	13-0151	EA	200% Containment Double Wall Open Top Basin For 25 Gallon Tank.....	1,432.52	154.40
23 13 23	13-0152	EA	200% Containment Double Wall Open Top Basin For 50 Gallon Tank.....	1,631.95	160.83
23 13 23	13-0153	EA	200% Containment Double Wall Open Top Basin For 60 Gallon Tank.....	2,218.22	192.99
23 13 23	13-0154	EA	200% Containment Double Wall Open Top Basin For 75 Gallon Tank.....	2,271.83	225.16
23 13 23	13-0155	EA	200% Containment Double Wall Open Top Basin For 100 Gallon Tank.....	2,846.16	257.32
23 13 23	13-0156	EA	200% Containment Double Wall Open Top Basin For 150 Gallon Tank.....	3,513.64	289.48
23 13 23	13-0157	EA	200% Containment Double Wall Open Top Basin For 200 Gallon Tank.....	4,608.69	321.66
23 13 23	13-0158	EA	200% Containment Double Wall Open Top Basin For 275 Gallon Tank.....	5,784.95	353.82
23 13 23	13-0159	EA	200% Containment Double Wall Open Top Basin For 300 Gallon Tank.....	6,933.60	418.15
23 13 23	13-0160	EA	200% Containment Double Wall Open Top Basin For 350 Gallon Tank.....	7,439.72	482.48
23 13 23	13-0161	EA	200% Containment Double Wall Open Top Basin For 400 Gallon Tank.....	7,948.23	546.82
23 13 23	13-0162	EA	200% Containment Double Wall Open Top Basin For 450 Gallon Tank.....	8,725.59	578.98
23 13 23	13-0163	EA	200% Containment Double Wall Open Top Basin For 500 Gallon Tank.....	9,505.34	611.14
23 13 23	13-0164	EA	200% Containment Double Wall Open Top Basin For 550 Gallon Tank.....	10,182.40	643.31
23 13 23	13-0165	EA	200% Containment Double Wall Open Top Basin For 600 Gallon Tank.....	10,920.20	707.65
23 13 23	13-0166	EA	200% Containment Double Wall Open Top Basin For 700 Gallon Tank.....	12,333.71	836.30
23 13 23	13-0167	EA	200% Containment Double Wall Open Top Basin For 800 Gallon Tank.....	13,790.23	964.97
23 13 23	13-0168	EA	200% Containment Double Wall Open Top Basin For 900 Gallon Tank.....	15,284.97	1,093.63
23 13 23	13-0169	EA	200% Containment Double Wall Open Top Basin For 1,000 Gallon Tank.....	16,727.16	1,222.29
23 13 23	13-0170	EA	150% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,330.05	128.67
23 13 23	13-0171	EA	150% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,449.39	135.10
23 13 23	13-0172	EA	150% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,569.56	144.74
23 13 23	13-0173	EA	150% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,809.67	154.40
23 13 23	13-0174	EA	150% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	2,422.33	160.83
23 13 23	13-0175	EA	150% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	2,475.94	192.99
23 13 23	13-0176	EA	150% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	3,104.33	225.16
23 13 23	13-0177	EA	150% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	3,845.86	257.32
23 13 23	13-0178	EA	150% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	5,071.03	289.48
23 13 23	13-0179	EA	150% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	6,444.53	321.66
23 13 23	13-0180	EA	150% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	7,739.77	385.99
23 13 23	13-0181	EA	150% Containment Double Wall Sealed Top Basin For 350 Gallon Tank.....	8,295.05	450.31
23 13 23	13-0182	EA	150% Containment Double Wall Sealed Top Basin For 400 Gallon Tank.....	8,854.85	514.65
23 13 23	13-0183	EA	150% Containment Double Wall Sealed Top Basin For 450 Gallon Tank.....	9,736.68	546.82
23 13 23	13-0184	EA	150% Containment Double Wall Sealed Top Basin For 500 Gallon Tank.....	10,620.77	578.98
23 13 23	13-0185	EA	150% Containment Double Wall Sealed Top Basin For 550 Gallon Tank.....	11,371.36	611.14
23 13 23	13-0186	EA	150% Containment Double Wall Sealed Top Basin For 600 Gallon Tank.....	12,140.05	643.31
23 13 23	13-0187	EA	150% Containment Double Wall Sealed Top Basin For 700 Gallon Tank.....	13,728.07	771.97
23 13 23	13-0188	EA	150% Containment Double Wall Sealed Top Basin For 800 Gallon Tank.....	15,251.84	836.30
23 13 23	13-0189	EA	150% Containment Double Wall Sealed Top Basin For 900 Gallon Tank.....	16,916.80	964.97
23 13 23	13-0190	EA	150% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank.....	18,531.98	1,093.63
23 13 23	13-0191	EA	200% Containment Double Wall Sealed Top Basin For 10 Gallon Tank.....	1,402.75	135.10
23 13 23	13-0192	EA	200% Containment Double Wall Sealed Top Basin For 15 Gallon Tank.....	1,533.48	144.74
23 13 23	13-0193	EA	200% Containment Double Wall Sealed Top Basin For 25 Gallon Tank.....	1,659.44	154.40
23 13 23	13-0194	EA	200% Containment Double Wall Sealed Top Basin For 50 Gallon Tank.....	1,906.64	160.83
23 13 23	13-0195	EA	200% Containment Double Wall Sealed Top Basin For 60 Gallon Tank.....	2,595.63	192.99
23 13 23	13-0196	EA	200% Containment Double Wall Sealed Top Basin For 75 Gallon Tank.....	2,649.24	225.16
23 13 23	13-0197	EA	200% Containment Double Wall Sealed Top Basin For 100 Gallon Tank.....	3,309.55	257.32
23 13 23	13-0198	EA	200% Containment Double Wall Sealed Top Basin For 150 Gallon Tank.....	4,089.30	289.48
23 13 23	13-0199	EA	200% Containment Double Wall Sealed Top Basin For 200 Gallon Tank.....	5,379.56	321.66
23 13 23	13-0200	EA	200% Containment Double Wall Sealed Top Basin For 275 Gallon Tank.....	6,826.38	353.82
23 13 23	13-0201	EA	200% Containment Double Wall Sealed Top Basin For 300 Gallon Tank.....	8,187.63	418.15

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23	13-0202	EA	200% Containment Double Wall Sealed Top Basin For 350 Gallon Tank	8,767.80	482.48
23 13 23	13-0203	EA	200% Containment Double Wall Sealed Top Basin For 400 Gallon Tank	9,352.74	546.82
23 13 23	13-0204	EA	200% Containment Double Wall Sealed Top Basin For 450 Gallon Tank	10,280.58	578.98
23 13 23	13-0205	EA	200% Containment Double Wall Sealed Top Basin For 500 Gallon Tank	11,210.82	611.14
23 13 23	13-0206	EA	200% Containment Double Wall Sealed Top Basin For 550 Gallon Tank	12,000.12	643.31
23 13 23	13-0207	EA	200% Containment Double Wall Sealed Top Basin For 600 Gallon Tank	12,862.15	707.65
23 13 23	13-0208	EA	200% Containment Double Wall Sealed Top Basin For 700 Gallon Tank	14,526.46	836.30
23 13 23	13-0209	EA	200% Containment Double Wall Sealed Top Basin For 800 Gallon Tank	16,236.17	964.97
23 13 23	13-0210	EA	200% Containment Double Wall Sealed Top Basin For 900 Gallon Tank	17,981.72	1,093.63
23 13 23	13-0211	EA	200% Containment Double Wall Sealed Top Basin For 1,000 Gallon Tank	19,674.71	1,222.29

23 13 23 16 Horizontal, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)**23 13 23 16-0001 Single Wall Aboveground Storage Tanks (23 13 23 16)**

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23	16-0002	EA	300 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	4,832.26	699.28
23 13 23	16-0003	EA	550 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	5,808.54	846.49
23 13 23	16-0004	EA	1,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	7,816.74	1,153.39
23 13 23	16-0005	EA	1,500 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	10,112.17	1,441.74
23 13 23	16-0006	EA	2,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	12,127.29	1,955.43
23 13 23	16-0007	EA	3,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	18,415.36	2,012.94
23 13 23	16-0008	EA	5,000 Gallon, Steel Storage Tank, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	26,833.17	2,488.73
23 13 23	16-0009	EA	8,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	36,926.41	2,851.60
23 13 23	16-0010	EA	10,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	44,051.02	3,110.82
23 13 23	16-0011	EA	12,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	51,161.28	3,421.93
23 13 23	16-0012	EA	15,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	56,633.92	3,802.11
23 13 23	16-0013	EA	20,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	70,721.77	4,888.42
23 13 23	16-0014	EA	30,000 Gallon, Steel Storage Tank, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	96,742.58	5,703.22

23 13 23 16-0015 Double Wall Aboveground Storage Tanks (23 13 23 16)

Note: Includes cradles, supports, coating, fittings, and 4" NPT connections as follows: up to 1000 gallon, 4 each: all others 6 each. Excludes pumps, piping, pad, foundation excavation and backfill.

23 13 23	16-0016	EA	300 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	7,694.16	872.55
23 13 23	16-0017	EA	550 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	9,244.72	1,055.89
23 13 23	16-0018	EA	1,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	12,279.78	1,441.74
23 13 23	16-0019	EA	1,500 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	16,117.51	1,802.17
23 13 23	16-0020	EA	2,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	20,723.63	2,444.27
23 13 23	16-0021	EA	3,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	29,645.57	2,516.10
23 13 23	16-0022	EA	5,000 Gallon, Steel Storage Tank, Double Wall, With 3/16" Shell, Aboveground With Supports, Coating And Fittings	43,444.29	3,099.58
23 13 23	16-0023	EA	8,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	60,146.98	3,564.53
23 13 23	16-0024	EA	10,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	71,924.17	3,888.58
23 13 23	16-0025	EA	12,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	83,646.60	4,277.36
23 13 23	16-0026	EA	15,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	92,585.76	4,752.71
23 13 23	16-0027	EA	20,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	115,533.46	6,110.55
23 13 23	16-0028	EA	30,000 Gallon, Steel Storage Tank, Double Wall, With 1/4" Shell, Aboveground With Supports, Coating And Fittings	158,624.84	7,128.96

23 13 23 16-0029 Horizontal Rectangular Double Wall Aboveground Fuel Day Tanks (23 13 23 16)

Note: Includes solenoid valve. Excludes piping and concrete pad.

23 13 23	16-0030	EA	550 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	15,042.22	1,055.89
23 13 23	16-0031	EA	750 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	15,868.94	1,189.43
23 13 23	16-0032	EA	1,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	17,819.34	1,441.74
23 13 23	16-0033	EA	1,500 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	21,311.40	1,802.17
23 13 23	16-0034	EA	2,000 Gallon, Double Wall, Aboveground Horizontal Fuel Storage Tank	27,285.26	2,444.27

Note: Includes 2" solenoid valve.

23 13 23 19 Containment-Dike, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)**23 13 23 19-0001 Secondary Containment For Above Ground Tanks (23 13 23 19)**

23 13 23	19-0002	EA	Steel Dike For 550 Gallon Tank, Uncoated	6,054.82	
23 13 23	19-0003	EA	Steel Dike For 1,000 Gallon Tank, Uncoated	7,314.16	
23 13 23	19-0004	EA	Steel Dike For 2,000 Gallon Tank, Uncoated	16,034.97	
23 13 23	19-0005	EA	Steel Dike For 3,000 Gallon Tank, Uncoated	17,536.16	
23 13 23	19-0006	EA	Steel Dike For 5,000 Gallon Tank, Uncoated	24,948.79	
23 13 23	19-0007	EA	Steel Dike For 6,000 Gallon Tank, Uncoated	27,952.38	
23 13 23	19-0008	EA	Steel Dike For 8,000 Gallon Tank, Uncoated	36,915.03	
23 13 23	19-0009	EA	Steel Dike For 10,000 Gallon Tank, Uncoated	43,309.47	
23 13 23	19-0010	EA	Steel Dike For 12,000 Gallon Tank, Uncoated	49,220.07	
23 13 23	19-0011	EA	Steel Dike For 15,000 Gallon Tank, Uncoated	59,926.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 23 19-0012 EA Steel Dike For 20,000 Gallon Tank, Uncoated	76,737.29	
23 13 23 26 Concrete-Vaulted, Steel, Aboveground Fuel-Oil, Storage Tanks (23 13 23)		
23 13 23 26-0001 Aboveground Concrete Vaulted Storage Tanks (23 13 23 26)		
Note: Includes setting in place with stand, NPT openings for an emergency vent, regular vent, gauge, fill with an internal 5 gallon minimum overflow containment, supply and return and leak detection. All tanks that are 2000 gallon and larger shall have a ladder for access. Excludes excavation, pad, pumps and piping.		
23 13 23 26-0002 EA 500 Gallon Concrete Vaulted Storage Tank	33,399.27	1,480.07
For Low Profile Tanks, Add	12,533.62	
23 13 23 26-0003 EA 1,000 Gallon Concrete Vaulted Storage Tank	42,136.61	1,670.85
For Low Profile Tanks, Add	15,922.07	
23 13 23 26-0004 EA 2,000 Gallon Concrete Vaulted Storage Tank	75,122.76	1,989.49
For Low Profile Tanks, Add	28,938.69	
23 13 23 26-0005 EA 4,000 Gallon Concrete Vaulted Storage Tank	118,565.61	4,375.93
23 13 23 26-0006 EA 5,000 Gallon Concrete Vaulted Storage Tank	135,553.41	4,779.24
23 13 23 26-0007 EA 6,000 Gallon Concrete Vaulted Storage Tank	152,624.81	5,161.22
23 13 23 26-0008 EA 8,000 Gallon Concrete Vaulted Storage Tank	169,675.44	5,600.61
23 13 23 26-0009 EA 10,000 Gallon Concrete Vaulted Storage Tank	186,719.25	5,961.58
23 13 33 Facility Fuel-Oil, Storage Tank Accessories (23 13)		
23 13 33 00-0001 EPA Requirements (23 13 33)		
23 13 33 00-0002 EA Fill Pipe Spill Containment Manhole (5 Gallon)	2,341.36	
23 13 33 00-0003 EA Over-Fill Prevention Valve	1,420.20	
23 13 33 00-0004 EA Tank Manway With Cover, Fiberglass	4,401.50	
23 13 33 00-0005 EA Tank Manway With Cover, Steel	6,024.04	
23 13 33 00-0006 EA Vent Fill Alarm (Whistle Vent)	214.46	
23 13 33 00-0007 EA Reservoir Sensor, Liquid Level	703.68	
23 13 33 00-0008 EA Manhole Spill Containment	2,590.25	250.41
23 13 33 00-0009 EA Fill Adapter, 4"	448.58	166.98
23 13 33 00-0010 EA Fill Cap, 4"	317.87	62.60
23 13 33 00-0011 EA 2" Vent Cap	181.28	41.77
23 13 33 00-0012 EA 4" x 2" Extractor Fitting	798.70	62.60
23 13 33 00-0013 EA Float Vent Valve	390.65	125.21
23 13 33 00-0014 EA Vapor Hose Adapter	709.55	83.44
23 13 33 00-0015 EA Dust Cap	283.72	45.57
23 13 33 00-0016 EA 1" Double Poppet Foot Valve	456.48	71.51
23 13 33 00-0017 EA 10' Wood Gage Stick	44.83	
23 13 33 00-0018 EA 1-1/4" Tank Filled Breather, NPT	292.17	
23 13 33 00-0019 EA 1-1/2" Tank Filled Breather, Bayonet	410.97	
23 13 33 00-0020 EA 2" Cast Iron Combination Fill Cap And Vent	89.93	
23 13 33 00-0021 EA 3" Cast Iron Combination Fill Cap And Vent	124.47	
23 13 33 00-0022 EA 4" Cast Iron Combination Fill Cap And Vent	201.35	
23 13 33 00-0023 EA Pressure And Vacuum Control Vent	1,977.51	
23 13 33 00-0024 EA 1/4 HP Fuel/Diesel Pump Set	1,829.73	
23 13 33 00-0025 EA 1/3 HP Fuel/Diesel Pump Set	2,168.35	
23 13 33 00-0026 EA 1/2 HP Fuel/Diesel Pump Set	2,361.20	
23 13 33 00-0027 EA 3/4 HP Fuel/Diesel Pump Set	2,586.55	
23 13 33 00-0028 EA 1 HP Fuel/Diesel Pump Set	3,728.13	
23 13 33 00-0029 EA 1-1/2 HP Fuel/Diesel Pump Set	4,614.27	
23 13 33 00-0030 EA 2 HP Fuel/Diesel Pump Set	5,107.05	
23 13 33 00-0031 EA 3 HP Fuel/Diesel Pump Set	6,289.77	
23 13 33 00-0032 EA 5 HP Fuel/Diesel Pump Set	7,454.12	
23 13 33 00-0033 EA 7.5 HP Fuel/Diesel Pump Set	8,343.76	
23 13 33 00-0034 EA 10 HP Fuel/Diesel Pump Set	9,642.56	
23 13 33 00-0035 Tank Bulkhead Fittings (23 13 33)		
23 13 33 00-0036 Tank Bulkhead Fittings (23 13 33 00-0035)		
23 13 33 00-0037 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Socket x Threaded Connection (23 13 33 00-0035)		
23 13 33 00-0038 EA 1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	71.10	
23 13 33 00-0039 EA 3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	79.75	
23 13 33 00-0040 EA 1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	87.78	
23 13 33 00-0041 EA 1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	109.43	
23 13 33 00-0042 EA 1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	111.57	
23 13 33 00-0043 EA 2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	154.45	
23 13 33 00-0044 EA 3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	261.52	
23 13 33 00-0045 EA 4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Socket x Thread	483.14	
23 13 33 00-0046 Polyvinyl Chloride (PVC) Tank Bulkhead Fittings, Thread x Threaded Connection (23 13 33 00-0035)		
23 13 33 00-0047 EA 1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	86.49	
23 13 33 00-0048 EA 3/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	95.08	
23 13 33 00-0049 EA 1" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	103.73	
23 13 33 00-0050 EA 1-1/4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	134.22	
23 13 33 00-0051 EA 1-1/2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	142.86	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 10 Facility Fuel Systems****23 13 Facility Fuel-Storage Tanks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 13 33 00-0052 EA 2" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	182.79	
23 13 33 00-0053 EA 3" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	299.30	
23 13 33 00-0054 EA 4" Polyvinyl Chloride (PVC) Bulkhead Fitting, Thread x Thread	536.82	
23 13 33 00-0055 Chlorinated Polyvinyl Chloride (CPVC) Tank Bulkhead Fittings, Socket x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0056 EA 1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	89.99	
23 13 33 00-0057 EA 3/4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	105.15	
23 13 33 00-0058 EA 1" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	119.68	
23 13 33 00-0059 EA 1-1/2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	158.18	
23 13 33 00-0060 EA 2" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	214.64	
23 13 33 00-0061 EA 3" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	350.67	
23 13 33 00-0062 EA 4" Chlorinated Polyvinyl Chloride (CPVC) Bulkhead Fitting, Socket x Thread	568.72	
23 13 33 00-0063 Polypropylene Tank Bulkhead Fitting Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0064 EA 1/2" Polypropylene Bulkhead Fitting, Thread x Thread	109.51	
23 13 33 00-0065 EA 3/4" Polypropylene Bulkhead Fitting, Thread x Thread	131.12	
23 13 33 00-0066 EA 1" Polypropylene Bulkhead Fitting, Thread x Thread	165.10	
23 13 33 00-0067 EA 1-1/4" Polypropylene Bulkhead Fitting, Thread x Thread	205.04	
23 13 33 00-0068 EA 1-1/2" Polypropylene Bulkhead Fitting, Thread x Thread	207.17	
23 13 33 00-0069 EA 2" Polypropylene Bulkhead Fitting, Thread x Thread	308.48	
23 13 33 00-0070 EA 3" Polypropylene Bulkhead Fitting, Thread x Thread	577.27	
23 13 33 00-0071 EA 4" Polypropylene Bulkhead Fitting, Thread x Thread	1,058.58	
23 13 33 00-0072 Polyethylene Tank Bulkhead Fittings Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0073 EA 3/4" Polyethylene Bulkhead Fitting, Thread x Thread	90.95	
23 13 33 00-0074 EA 1" Polyethylene Bulkhead Fitting, Thread x Thread	122.43	
23 13 33 00-0075 EA 1-1/4" Polyethylene Bulkhead Fitting, Thread x Thread	124.58	
23 13 33 00-0076 EA 1-1/2" Polyethylene Bulkhead Fitting, Thread x Thread	126.71	
23 13 33 00-0077 EA 2" Polyethylene Bulkhead Fitting, Thread x Thread	187.48	
23 13 33 00-0078 EA 3" Polyethylene Bulkhead Fitting, Thread x Thread	242.81	
23 13 33 00-0079 TFE Teflon Tank Bulkhead Fittings, Thread x Threaded Connection <small>(23 13 33 00-0036)</small>		
23 13 33 00-0080 EA 1/8" TFE Teflon Bulkhead Fitting, Thread x Thread	484.79	
23 13 33 00-0081 EA 1/4" TFE Teflon Bulkhead Fitting, Thread x Thread	554.37	
23 13 33 00-0082 EA 3/8" TFE Teflon Bulkhead Fitting, Thread x Thread	685.20	
23 13 33 00-0083 EA 1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	792.31	
23 13 33 00-0084 EA 3/4" TFE Teflon Bulkhead Fitting, Thread x Thread	914.02	
23 13 33 00-0085 EA 1" TFE Teflon Bulkhead Fitting, Thread x Thread	1,155.65	
23 13 33 00-0086 EA 1-1/2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,504.77	
23 13 33 00-0087 EA 2" TFE Teflon Bulkhead Fitting, Thread x Thread	1,663.57	
23 13 33 00-0088 Self-Aligning Bulkhead Fittings <small>(23 13 33 00-0035)</small>		
23 13 33 00-0089 EA 3/4" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	489.47	
23 13 33 00-0090 EA 1" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	487.67	
23 13 33 00-0091 EA 1-1/2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	719.86	
23 13 33 00-0092 EA 2" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	733.09	
23 13 33 00-0093 EA 3" Self-Aligning Polyvinyl Chloride (PVC) Bulkhead Fitting	999.06	

23 20 HVAC Piping and Pumps (23)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 Hydronic Piping and Pumps (23 20)**23 21 13 Hydronic Piping** (23 21)

Note: The demolition price for only the length of pipe (LF) shall be used for lengths (LF) of pipe removal which exclude the fittings, valves, and insulation. The demolition price for individual fittings, valves, and insulation shall not be used in conjunction with pipe (LF) demolition tasks.

23 21 13 23 Aboveground Hydronic Piping (23 21 13)**23 21 13 23-0001 Threaded Black Steel Pipe** (23 21 13 23)**23 21 13 23-0002 Threaded Black Steel Pipe Assemblies** (23 21 13 23-0001)

Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. Includes cutting and threading to length where necessary.

23 21 13 23-0003 LF 1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly 21.43 3.95

Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.

For Work In Restricted Working Space, Add 4.08
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add 5.54



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0004 LF 3/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....23.92	23.92	4.24
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	4.26	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	6.34	
23 21 13 23-0005 LF 1" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....27.14	27.14	4.64
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	4.50	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	7.37	
23 21 13 23-0006 LF 1-1/4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....33.46	33.46	4.84
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	4.85	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	9.46	
23 21 13 23-0007 LF 1-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....36.27	36.27	5.73
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	4.92	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	10.43	
23 21 13 23-0008 LF 2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....44.32	44.32	6.90
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	5.54	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	13.00	
23 21 13 23-0009 LF 2-1/2" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....67.25	67.25	8.19
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	6.88	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	20.54	
23 21 13 23-0010 LF 3" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....86.08	86.08	10.96
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	8.42	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	26.50	
23 21 13 23-0011 LF 4" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....127.21	127.21	12.51
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	9.04	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	40.97	
23 21 13 23-0012 LF 5" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....209.81	209.81	15.99
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	10.77	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	69.79	
23 21 13 23-0013 LF 6" Schedule 40 Threaded Black Steel Pipe With 150 LB Malleable Iron Fitting Assembly .....253.15	253.15	18.91
Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
For Work In Restricted Working Space, Add	12.20	
For Schedule 80 Pipe With 300 LB Malleable Iron Fittings, Add	84.63	
23 21 13 23-0014 Threaded Black Steel Pipe And Fittings <small>(23 21 13 23-0001)</small>		
Note: ASTM A-53 pipe and A-105 fittings. Threaded and coupled, schedule 40. Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-0015 Threaded And Coupled, Black Steel Piping <small>(23 21 13 23-0014)</small>		
Note: ASTM A-53. Includes coupling. Includes cutting and threading to length where necessary.		
23 21 13 23-0016 LF 3/8" Schedule 40, Threaded And Coupled, Black Steel Pipe .....8.12	8.12	2.47
For Work In Restricted Working Space, Add	1.50	
For Schedule 80 Pipe, Add	1.91	
23 21 13 23-0017 LF 1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe .....11.21	11.21	3.95
For Work In Restricted Working Space, Add	1.79	
For Schedule 80 Pipe, Add	2.95	
23 21 13 23-0018 LF 3/4" Schedule 40, Threaded And Coupled, Black Steel Pipe .....13.15	13.15	4.24
For Work In Restricted Working Space, Add	1.91	
For Schedule 80 Pipe, Add	3.69	
23 21 13 23-0019 LF 1" Schedule 40, Threaded And Coupled, Black Steel Pipe .....15.94	15.94	4.64
For Work In Restricted Working Space, Add	2.07	
For Schedule 80 Pipe, Add	4.76	
23 21 13 23-0020 LF 1-1/4" Schedule 40, Threaded And Coupled, Black Steel Pipe .....19.40	19.40	4.84
For Work In Restricted Working Space, Add	2.19	
For Schedule 80 Pipe, Add	6.17	
23 21 13 23-0021 LF 1-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe .....23.04	23.04	5.73
For Work In Restricted Working Space, Add	2.57	
For Schedule 80 Pipe, Add	7.37	
23 21 13 23-0022 LF 2" Schedule 40, Threaded And Coupled, Black Steel Pipe .....29.33	29.33	6.90
For Work In Restricted Working Space, Add	3.12	
For Schedule 80 Pipe, Add	9.56	
23 21 13 23-0023 LF 2-1/2" Schedule 40, Threaded And Coupled, Black Steel Pipe .....42.26	42.26	8.19
For Work In Restricted Working Space, Add	3.70	
For Schedule 80 Pipe, Add	14.70	
23 21 13 23-0024 LF 3" Schedule 40, Threaded And Coupled, Black Steel Pipe .....55.64	55.64	10.96
For Work In Restricted Working Space, Add	4.94	
For Schedule 80 Pipe, Add	19.28	
23 21 13 23-0025 LF 4" Schedule 40, Threaded And Coupled, Black Steel Pipe .....77.39	77.39	12.51
For Work In Restricted Working Space, Add	5.65	
For Schedule 80 Pipe, Add	28.24	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0026	LF	5" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	101.78 7.19 37.42	15.99
23 21	13 23-0027	LF	6" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	130.97 8.50 49.02	18.91
23 21	13 23-0028	LF	8" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	186.47 10.27 71.93	22.86
23 21	13 23-0029	LF	10" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	257.30 12.54 101.15	27.85
23 21	13 23-0030	LF	12" Schedule 40, Threaded And Coupled, Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Pipe, Add</i>	344.62 16.47 135.87	36.60
23 21	13 23-0031		Black Malleable Iron 90 Degree Elbows (23 21 13 23-0014)		
23 21	13 23-0032	EA	3/8", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	31.47 6.58 24.21 0.15	14.61
23 21	13 23-0033	EA	1/2", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	32.94 7.90 17.47 0.11	17.57
23 21	13 23-0034	EA	3/4", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	37.44 8.84 20.92 0.13	19.65
23 21	13 23-0035	EA	1", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	46.75 9.87 35.21 0.22	21.91
23 21	13 23-0036	EA	1-1/4", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	60.08 11.17 57.05 0.37	24.88
23 21	13 23-0037	EA	1-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	72.05 12.60 74.64 0.48	28.03
23 21	13 23-0038	EA	2", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	105.18 16.01 127.59 0.83	35.63
23 21	13 23-0039	EA	2-1/2", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	194.40 23.69 281.82 1.85	52.71
23 21	13 23-0040	EA	3", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	272.83 31.17 411.69 2.70	69.29
23 21	13 23-0041	EA	4", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	472.65 32.93 877.50 5.81	73.20
23 21	13 23-0042	EA	5", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	1,174.92 34.36 2,551.78 16.97	76.40
23 21	13 23-0043	EA	6", 150 LB, Black Malleable Iron 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	1,344.64 35.93 2,946.92 19.60	79.88
23 21	13 23-0044		Black Malleable Iron Reducing 90 Degree Elbows (23 21 13 23-0014)		
23 21	13 23-0045	EA	1/2" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	36.71 7.24 31.66 0.20	16.09
23 21	13 23-0046	EA	3/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	40.85 8.37 32.78 0.21	18.56
23 21	13 23-0047	EA	3/4" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	43.81 7.71 45.01 0.29	17.18
23 21	13 23-0048	EA	1" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	47.83 9.35 41.83 0.27	20.82

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0049 EA 1" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	47.57 8.88 44.88 0.29	19.74
23 21 13 23-0050 EA 1" x 3/8", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	62.77 8.23 86.49 0.57	18.25
23 21 13 23-0051 EA 1-1/4" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	63.04 10.52 69.23 0.45	23.39
23 21 13 23-0052 EA 1-1/4" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	64.57 10.01 76.93 0.50	22.21
23 21 13 23-0053 EA 1-1/4" x 1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	68.25 9.53 89.43 0.58	21.22
23 21 13 23-0054 EA 1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	79.08 11.88 97.10 0.63	26.45
23 21 13 23-0055 EA 1-1/2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	76.92 11.24 96.98 0.63	24.97
23 21 13 23-0056 EA 1-1/2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	80.90 10.72 110.55 0.72	23.79
23 21 13 23-0057 EA 2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	104.85 14.30 140.09 0.91	31.78
23 21 13 23-0058 EA 2" x 1-1/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	110.28 13.59 158.69 1.04	30.20
23 21 13 23-0059 EA 2" x 1", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	108.11 12.94 158.56 1.04	28.72
23 21 13 23-0060 EA 2" x 3/4", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	110.31 12.42 167.84 1.10	27.64
23 21 13 23-0061 EA 2-1/2" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	223.08 19.85 380.60 2.51	44.12
23 21 13 23-0062 EA 2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	226.65 18.14 402.44 2.66	40.37
23 21 13 23-0063 EA 3" x 2-1/2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	385.11 27.43 710.34 4.70	60.99
23 21 13 23-0064 EA 3" x 2", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	332.32 23.59 613.60 4.06	52.40
23 21 13 23-0065 EA 4" x 3", 150 LB, Black Malleable Iron Reducing 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	606.33 31.32 1,210.87 8.03	69.62
23 21 13 23-0066 Black Malleable Iron 45 Degree Elbows <small>(23 21 13 23-0014)</small>		
23 21 13 23-0067 EA 3/8", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	36.30 6.58 35.80 0.23	14.61
23 21 13 23-0068 EA 1/2", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	37.25 7.90 27.81 0.17	17.57
23 21 13 23-0069 EA 3/4", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	42.96 8.84 34.17 0.22	19.65
23 21 13 23-0070 EA 1", 150 LB, Black Malleable Iron 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	49.90 9.87 42.77 0.27	21.91

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0071	EA		1-1/4", 150 LB, Black Malleable Iron 45 Degree Elbow	67.32	24.88
			<i>For Work In Restricted Working Space, Add</i>	11.17	
			<i>For 300 LB Rating, Add</i>	74.43	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.48	
23 21 13 23-0072	EA		1-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	79.21	28.03
			<i>For Work In Restricted Working Space, Add</i>	12.60	
			<i>For 300 LB Rating, Add</i>	91.82	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.60	
23 21 13 23-0073	EA		2", 150 LB, Black Malleable Iron 45 Degree Elbow	109.61	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For 300 LB Rating, Add</i>	138.23	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.90	
23 21 13 23-0074	EA		2-1/2", 150 LB, Black Malleable Iron 45 Degree Elbow	241.75	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
			<i>For 300 LB Rating, Add</i>	395.46	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.60	
23 21 13 23-0075	EA		3", 150 LB, Black Malleable Iron 45 Degree Elbow	315.35	69.29
			<i>For Work In Restricted Working Space, Add</i>	31.17	
			<i>For 300 LB Rating, Add</i>	513.74	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	3.38	
23 21 13 23-0076	EA		4", 150 LB, Black Malleable Iron 45 Degree Elbow	524.43	73.20
			<i>For Work In Restricted Working Space, Add</i>	32.93	
			<i>For 300 LB Rating, Add</i>	1,001.77	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	6.63	
23 21 13 23-0077	EA		5", 150 LB, Black Malleable Iron 45 Degree Elbow	1,752.48	76.40
			<i>For Work In Restricted Working Space, Add</i>	34.36	
			<i>For 300 LB Rating, Add</i>	3,937.93	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	26.21	
23 21 13 23-0078	EA		6", 150 LB, Black Malleable Iron 45 Degree Elbow	1,795.54	79.88
			<i>For Work In Restricted Working Space, Add</i>	35.93	
			<i>For 300 LB Rating, Add</i>	4,029.08	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	26.81	
23 21 13 23-0079			Black Malleable Iron Tees <small>(23 21 13 23-0014)</small>		
23 21 13 23-0080	EA		3/8", 150 LB, Black Malleable Iron Tee	41.27	18.06
			<i>For Work In Restricted Working Space, Add</i>	8.23	
			<i>For 300 LB Rating, Add</i>	34.89	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.22	
23 21 13 23-0081	EA		1/2", 150 LB, Black Malleable Iron Tee	41.74	21.91
			<i>For Work In Restricted Working Space, Add</i>	9.87	
			<i>For 300 LB Rating, Add</i>	23.19	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.14	
23 21 13 23-0082	EA		3/4", 150 LB, Black Malleable Iron Tee	50.64	25.36
			<i>For Work In Restricted Working Space, Add</i>	11.39	
			<i>For 300 LB Rating, Add</i>	32.71	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.20	
23 21 13 23-0083	EA		1", 150 LB, Black Malleable Iron Tee	66.59	29.91
			<i>For Work In Restricted Working Space, Add</i>	13.46	
			<i>For 300 LB Rating, Add</i>	54.84	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.35	
23 21 13 23-0084	EA		1-1/4", 150 LB, Black Malleable Iron Tee	88.53	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For 300 LB Rating, Add</i>	87.63	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.56	
23 21 13 23-0085	EA		1-1/2", 150 LB, Black Malleable Iron Tee	107.42	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
			<i>For 300 LB Rating, Add</i>	108.82	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.70	
23 21 13 23-0086	EA		2", 150 LB, Black Malleable Iron Tee	153.52	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
			<i>For 300 LB Rating, Add</i>	183.71	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	1.19	
23 21 13 23-0087	EA		2-1/2", 150 LB, Black Malleable Iron Tee	264.66	69.29
			<i>For Work In Restricted Working Space, Add</i>	31.17	
			<i>For 300 LB Rating, Add</i>	392.08	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.57	
23 21 13 23-0088	EA		3", 150 LB, Black Malleable Iron Tee	360.18	82.31
			<i>For Work In Restricted Working Space, Add</i>	37.01	
			<i>For 300 LB Rating, Add</i>	575.72	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	3.79	
23 21 13 23-0089	EA		4", 150 LB, Black Malleable Iron Tee	711.02	92.49
			<i>For Work In Restricted Working Space, Add</i>	41.60	
			<i>For 300 LB Rating, Add</i>	1,381.98	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	9.16	
23 21 13 23-0090	EA		5", 150 LB, Black Malleable Iron Tee	1,899.10	109.80
			<i>For Work In Restricted Working Space, Add</i>	49.40	
			<i>For 300 LB Rating, Add</i>	4,172.54	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	27.75	
23 21 13 23-0091	EA		6", 150 LB, Black Malleable Iron Tee	2,049.54	125.52
			<i>For Work In Restricted Working Space, Add</i>	56.45	
			<i>For 300 LB Rating, Add</i>	4,478.55	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	29.78	
23 21 13 23-0092			Black Malleable Iron Reducing Tees <small>(23 21 13 23-0014)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0093	EA	1/2", 150 LB, Black Malleable Iron Reducing Tee.....	47.94	21.91
			<i>For Work In Restricted Working Space, Add</i>	9.87	
			<i>For 300 LB Rating, Add</i>	38.07	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.24	
23 21	13 23-0094	EA	3/4", 150 LB, Black Malleable Iron Reducing Tee.....	57.58	25.36
			<i>For Work In Restricted Working Space, Add</i>	11.39	
			<i>For 300 LB Rating, Add</i>	49.37	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.31	
23 21	13 23-0095	EA	1", 150 LB, Black Malleable Iron Reducing Tee.....	69.61	29.91
			<i>For Work In Restricted Working Space, Add</i>	13.46	
			<i>For 300 LB Rating, Add</i>	62.09	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.40	
23 21	13 23-0096	EA	1-1/4", 150 LB, Black Malleable Iron Reducing Tee.....	102.01	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For 300 LB Rating, Add</i>	119.99	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.78	
23 21	13 23-0097	EA	1-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	117.58	42.44
			<i>For Work In Restricted Working Space, Add</i>	19.10	
			<i>For 300 LB Rating, Add</i>	133.20	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.86	
23 21	13 23-0098	EA	2", 150 LB, Black Malleable Iron Reducing Tee.....	157.21	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
			<i>For 300 LB Rating, Add</i>	192.56	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	1.25	
23 21	13 23-0099	EA	2-1/2", 150 LB, Black Malleable Iron Reducing Tee.....	347.75	69.29
			<i>For Work In Restricted Working Space, Add</i>	31.17	
			<i>For 300 LB Rating, Add</i>	591.50	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	3.90	
23 21	13 23-0100	EA	3", 150 LB, Black Malleable Iron Reducing Tee.....	402.70	82.31
			<i>For Work In Restricted Working Space, Add</i>	37.01	
			<i>For 300 LB Rating, Add</i>	677.77	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	4.47	
23 21	13 23-0101	EA	4", 150 LB, Black Malleable Iron Reducing Tee.....	816.06	92.49
			<i>For Work In Restricted Working Space, Add</i>	41.60	
			<i>For 300 LB Rating, Add</i>	1,634.08	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	10.84	
23 21	13 23-0102	EA	5", 150 LB, Black Malleable Iron Reducing Tee.....	1,735.88	109.80
			<i>For Work In Restricted Working Space, Add</i>	49.40	
			<i>For 300 LB Rating, Add</i>	3,780.81	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	25.14	
23 21	13 23-0103	EA	6", 150 LB, Black Malleable Iron Reducing Tee.....	1,970.31	125.52
			<i>For Work In Restricted Working Space, Add</i>	56.45	
			<i>For 300 LB Rating, Add</i>	4,288.40	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	28.51	
23 21	13 23-0104		Black Malleable Iron Couplings (23 21 13 23-0014)		
23 21	13 23-0105	EA	3/8", 150 LB, Black Malleable Iron Coupling.....	33.80	14.61
			<i>For Work In Restricted Working Space, Add</i>	6.58	
			<i>For 300 LB Rating, Add</i>	29.80	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
23 21	13 23-0106	EA	1/2", 150 LB, Black Malleable Iron Coupling.....	35.46	17.57
			<i>For Work In Restricted Working Space, Add</i>	7.90	
			<i>For 300 LB Rating, Add</i>	23.52	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.15	
23 21	13 23-0107	EA	3/4", 150 LB, Black Malleable Iron Coupling.....	40.16	19.65
			<i>For Work In Restricted Working Space, Add</i>	8.84	
			<i>For 300 LB Rating, Add</i>	27.45	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.17	
23 21	13 23-0108	EA	1", 150 LB, Black Malleable Iron Coupling.....	48.93	21.91
			<i>For Work In Restricted Working Space, Add</i>	9.87	
			<i>For 300 LB Rating, Add</i>	40.45	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.26	
23 21	13 23-0109	EA	1-1/4", 150 LB, Black Malleable Iron Coupling.....	58.00	24.88
			<i>For Work In Restricted Working Space, Add</i>	11.17	
			<i>For 300 LB Rating, Add</i>	52.06	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.33	
23 21	13 23-0110	EA	1-1/2", 150 LB, Black Malleable Iron Coupling.....	70.05	28.03
			<i>For Work In Restricted Working Space, Add</i>	12.60	
			<i>For 300 LB Rating, Add</i>	69.84	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.45	
23 21	13 23-0111	EA	2", 150 LB, Black Malleable Iron Coupling.....	94.92	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For 300 LB Rating, Add</i>	102.97	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.67	
23 21	13 23-0112	EA	2-1/2", 150 LB, Black Malleable Iron Coupling.....	193.66	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
			<i>For 300 LB Rating, Add</i>	280.04	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	1.84	
23 21	13 23-0113	EA	3", 150 LB, Black Malleable Iron Coupling.....	258.98	69.29
			<i>For Work In Restricted Working Space, Add</i>	31.17	
			<i>For 300 LB Rating, Add</i>	378.45	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.48	
23 21	13 23-0114	EA	4", 150 LB, Black Malleable Iron Coupling.....	422.11	73.20
			<i>For Work In Restricted Working Space, Add</i>	32.93	
			<i>For 300 LB Rating, Add</i>	756.20	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	5.00	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0115	EA		5", 150 LB, Black Malleable Iron Coupling.....	994.03	76.40
			<i>For Work In Restricted Working Space, Add</i>	34.36	
			<i>For 300 LB Rating, Add</i>	2,117.65	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	14.07	
23 21 13 23-0116	EA		6", 150 LB, Black Malleable Iron Coupling.....	1,121.71	79.88
			<i>For Work In Restricted Working Space, Add</i>	35.93	
			<i>For 300 LB Rating, Add</i>	2,411.89	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	16.03	
23 21 13 23-0117			Black Malleable Iron Reducing Couplings (23 21 13 23-0014)		
23 21 13 23-0118	EA		1/2", 150 LB, Black Malleable Iron Reducing Coupling.....	37.67	17.57
			<i>For Work In Restricted Working Space, Add</i>	7.90	
			<i>For 300 LB Rating, Add</i>	28.82	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.18	
23 21 13 23-0119	EA		3/4", 150 LB, Black Malleable Iron Reducing Coupling.....	41.48	19.65
			<i>For Work In Restricted Working Space, Add</i>	8.84	
			<i>For 300 LB Rating, Add</i>	30.62	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.19	
23 21 13 23-0120	EA		1", 150 LB, Black Malleable Iron Reducing Coupling.....	51.61	21.91
			<i>For Work In Restricted Working Space, Add</i>	9.87	
			<i>For 300 LB Rating, Add</i>	46.88	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.30	
23 21 13 23-0121	EA		1-1/4", 150 LB, Black Malleable Iron Reducing Coupling.....	61.30	24.88
			<i>For Work In Restricted Working Space, Add</i>	11.17	
			<i>For 300 LB Rating, Add</i>	59.98	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.38	
23 21 13 23-0122	EA		1-1/2", 150 LB, Black Malleable Iron Reducing Coupling.....	72.40	28.03
			<i>For Work In Restricted Working Space, Add</i>	12.60	
			<i>For 300 LB Rating, Add</i>	75.48	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.49	
23 21 13 23-0123	EA		2", 150 LB, Black Malleable Iron Reducing Coupling.....	97.40	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
			<i>For 300 LB Rating, Add</i>	108.92	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.70	
23 21 13 23-0124	EA		2-1/2", 150 LB, Black Malleable Iron Reducing Coupling.....	209.14	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
			<i>For 300 LB Rating, Add</i>	317.19	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.08	
23 21 13 23-0125	EA		3", 150 LB, Black Malleable Iron Reducing Coupling.....	262.15	69.29
			<i>For Work In Restricted Working Space, Add</i>	31.17	
			<i>For 300 LB Rating, Add</i>	386.06	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	2.53	
23 21 13 23-0126	EA		4", 150 LB, Black Malleable Iron Reducing Coupling.....	426.99	73.20
			<i>For Work In Restricted Working Space, Add</i>	32.93	
			<i>For 300 LB Rating, Add</i>	767.91	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	5.08	
23 21 13 23-0127	EA		5", 150 LB, Black Malleable Iron Reducing Coupling.....	827.55	76.40
			<i>For Work In Restricted Working Space, Add</i>	34.36	
			<i>For 300 LB Rating, Add</i>	1,718.10	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	11.41	
23 21 13 23-0128	EA		6", 150 LB, Black Malleable Iron Reducing Coupling.....	1,035.54	79.88
			<i>For Work In Restricted Working Space, Add</i>	35.93	
			<i>For 300 LB Rating, Add</i>	2,205.08	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	14.65	
23 21 13 23-0129			Black Malleable Iron Caps (23 21 13 23-0014)		
23 21 13 23-0130	EA		1/2", 150 LB, Black Malleable Iron Cap.....	18.53	7.80
			<i>For Work In Restricted Working Space, Add</i>	3.55	
			<i>For 300 LB Rating, Add</i>	16.77	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.11	
23 21 13 23-0131	EA		3/4", 150 LB, Black Malleable Iron Cap.....	22.29	8.78
			<i>For Work In Restricted Working Space, Add</i>	3.98	
			<i>For 300 LB Rating, Add</i>	22.49	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.14	
23 21 13 23-0132	EA		1", 150 LB, Black Malleable Iron Cap.....	25.76	9.77
			<i>For Work In Restricted Working Space, Add</i>	4.44	
			<i>For 300 LB Rating, Add</i>	27.17	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.18	
23 21 13 23-0133	EA		1-1/4", 150 LB, Black Malleable Iron Cap.....	31.18	11.06
			<i>For Work In Restricted Working Space, Add</i>	5.03	
			<i>For 300 LB Rating, Add</i>	35.61	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.23	
23 21 13 23-0134	EA		1-1/2", 150 LB, Black Malleable Iron Cap.....	38.72	12.44
			<i>For Work In Restricted Working Space, Add</i>	5.67	
			<i>For 300 LB Rating, Add</i>	48.70	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.32	
23 21 13 23-0135	EA		2", 150 LB, Black Malleable Iron Cap.....	52.94	15.89
			<i>For Work In Restricted Working Space, Add</i>	7.20	
			<i>For 300 LB Rating, Add</i>	70.90	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	0.46	
23 21 13 23-0136	EA		2-1/2", 150 LB, Black Malleable Iron Cap.....	101.93	23.49
			<i>For Work In Restricted Working Space, Add</i>	10.66	
			<i>For 300 LB Rating, Add</i>	161.49	
			<i>For Standard Weight Cast Iron Fittings, Add</i>	1.06	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0137 EA 3", 150 LB, Black Malleable Iron Cap <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	144.66 14.03 237.79 1.57	30.89
23 21 13 23-0138 EA 4", 150 LB, Black Malleable Iron Cap <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	217.30 14.82 405.92 2.69	32.65
23 21 13 23-0139 EA 5", 150 LB, Black Malleable Iron Cap <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	451.71 15.46 963.50 6.40	34.06
23 21 13 23-0140 EA 6", 150 LB, Black Malleable Iron Cap <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i> <i>For Standard Weight Cast Iron Fittings, Add</i>	787.42 16.16 1,763.73 11.74	35.57
23 21 13 23-0141 Black Malleable Iron Unions (23 21 13 23-0014)		
23 21 13 23-0142 EA 3/8", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	53.99 6.58	14.61
23 21 13 23-0143 EA 1/2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	61.91 9.87	21.91
23 21 13 23-0144 EA 3/4", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	71.31 11.39	25.36
23 21 13 23-0145 EA 1", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	88.34 13.46	29.91
23 21 13 23-0146 EA 1-1/4", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	115.71 16.01	35.63
23 21 13 23-0147 EA 1-1/2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	141.41 19.10	42.44
23 21 13 23-0148 EA 2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	169.35 23.69	52.71
23 21 13 23-0149 EA 2-1/2", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	385.89 34.97	77.67
23 21 13 23-0150 EA 3", 150 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	477.59 46.01	102.15
23 21 13 23-0151 EA 3/8", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	64.30 6.58	14.61
23 21 13 23-0152 EA 1/2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	81.51 9.87	21.91
23 21 13 23-0153 EA 3/4", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	85.78 11.39	25.36
23 21 13 23-0154 EA 1", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	103.52 13.46	29.91
23 21 13 23-0155 EA 1-1/4", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	151.77 16.00	35.63
23 21 13 23-0156 EA 1-1/2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	177.00 19.10	42.44
23 21 13 23-0157 EA 2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	224.33 23.69	52.71
23 21 13 23-0158 EA 2-1/2", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	572.25 34.97	77.67
23 21 13 23-0159 EA 3", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	686.67 46.01	102.15
23 21 13 23-0160 EA 4", 250 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	1,107.35 48.62	108.01
23 21 13 23-0161 EA 3/8", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	90.68 6.58	14.61
23 21 13 23-0162 EA 1/2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	88.52 9.87	21.91
23 21 13 23-0163 EA 3/4", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	99.55 11.39	25.36
23 21 13 23-0164 EA 1", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	125.27 13.46	29.91
23 21 13 23-0165 EA 1-1/4", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	184.50 16.00	35.63
23 21 13 23-0166 EA 1-1/2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	201.03 19.10	42.44
23 21 13 23-0167 EA 2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	249.08 23.69	52.71
23 21 13 23-0168 EA 2-1/2", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	665.08 34.97	77.67
23 21 13 23-0169 EA 3", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	862.97 46.01	102.15
23 21 13 23-0170 EA 4", 300 LB, Black Malleable Iron Union <i>For Work In Restricted Working Space, Add</i>	2,414.29 48.62	108.01
23 21 13 23-0171 Black Steel Nipples (23 21 13 23-0014)		
23 21 13 23-0172 EA 3/8" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.00 2.45 4.23	9.37
23 21 13 23-0173 EA 1/2" x Close, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.23 2.07 4.23	9.37

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0174	EA	3/4" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.85 2.38 4.23	9.37
23 21	13 23-0175	EA	1" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.07 3.45 4.55	10.17
23 21	13 23-0176	EA	1-1/4" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	25.18 4.37 4.94	10.96
23 21	13 23-0177	EA	1-1/2" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	27.32 5.44 4.94	10.96
23 21	13 23-0178	EA	2" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	36.03 7.40 6.37	14.11
23 21	13 23-0179	EA	2-1/2" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	72.66 23.17 7.90	17.57
23 21	13 23-0180	EA	3" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	86.90 27.53 9.55	21.22
23 21	13 23-0181	EA	4" x Close, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	120.56 41.46 11.29	25.12
23 21	13 23-0182	EA	3/8" x 1-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.66 2.78 4.23	9.37
23 21	13 23-0183	EA	1/2" x 1-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.23 2.07 4.23	9.37
23 21	13 23-0184	EA	3/4" x 1-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.20 2.55 4.23	9.37
23 21	13 23-0185	EA	3/8" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.66 2.78 4.23	9.37
23 21	13 23-0186	EA	1/2" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	18.23 2.07 4.23	9.37
23 21	13 23-0187	EA	3/4" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.20 2.55 4.23	9.37
23 21	13 23-0188	EA	1" x 2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	22.73 3.78 4.55	10.17
23 21	13 23-0189	EA	1-1/4" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.35 4.95 4.94	10.96
23 21	13 23-0190	EA	1-1/2" x 2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	28.19 5.87 4.94	10.96
23 21	13 23-0191	EA	3/8" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.24 3.57 4.23	9.37
23 21	13 23-0192	EA	1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.00 2.45 4.23	9.37
23 21	13 23-0193	EA	3/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.87 2.89 4.23	9.37
23 21	13 23-0194	EA	1" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.19 4.01 4.55	10.17
23 21	13 23-0195	EA	1-1/4" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.96 5.26 4.94	10.96
23 21	13 23-0196	EA	1-1/2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	29.56 6.56 4.94	10.96
23 21	13 23-0197	EA	2" x 2-1/2" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	38.22 8.50 6.37	14.11
23 21	13 23-0198	EA	3/8" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	21.24 3.57 4.23	9.37
23 21	13 23-0199	EA	1/2" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.00 2.45 4.23	9.37
23 21	13 23-0200	EA	3/4" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	19.87 2.89 4.23	9.37
23 21	13 23-0201	EA	1" x 3" Long, Schedule 40 Black Steel Nipple..... <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	23.19 4.01 4.55	10.17
23 21	13 23-0202	EA	1-1/4" x 3" Long, Schedule 40 Black Steel Nipple <i>For Schedule 80 Nipples, Add</i> <i>For Work In Restricted Working Space, Add</i>	26.96 5.26 4.94	10.96

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0203 EA 1-1/2" x 3" Long, Schedule 40 Black Steel Nipple	29.56	10.96
For Schedule 80 Nipples, Add	6.56	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0204 EA 2" x 3" Long, Schedule 40 Black Steel Nipple.....	38.22	14.11
For Schedule 80 Nipples, Add	8.50	
For Work In Restricted Working Space, Add	6.37	
23 21 13 23-0205 EA 2-1/2" x 3" Long, Schedule 40 Black Steel Nipple	73.88	17.57
For Schedule 80 Nipples, Add	23.78	
For Work In Restricted Working Space, Add	7.90	
23 21 13 23-0206 EA 3" x 3" Long, Schedule 40 Black Steel Nipple.....	91.70	21.22
For Schedule 80 Nipples, Add	29.93	
For Work In Restricted Working Space, Add	9.55	
23 21 13 23-0207 EA 3/8" x 3-1/2" Long, Schedule 40 Black Steel Nipple	22.52	9.37
For Schedule 80 Nipples, Add	4.21	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0208 EA 1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	19.97	9.37
For Schedule 80 Nipples, Add	2.94	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0209 EA 3/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	21.24	9.37
For Schedule 80 Nipples, Add	3.57	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0210 EA 1" x 3-1/2" Long, Schedule 40 Black Steel Nipple	25.08	10.17
For Schedule 80 Nipples, Add	4.95	
For Work In Restricted Working Space, Add	4.55	
23 21 13 23-0211 EA 1-1/4" x 3-1/2" Long, Schedule 40 Black Steel Nipple	28.90	10.96
For Schedule 80 Nipples, Add	6.23	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0212 EA 1-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	31.15	10.96
For Schedule 80 Nipples, Add	7.35	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0213 EA 2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	41.80	14.11
For Schedule 80 Nipples, Add	10.29	
For Work In Restricted Working Space, Add	6.37	
23 21 13 23-0214 EA 2-1/2" x 3-1/2" Long, Schedule 40 Black Steel Nipple	82.25	17.57
For Schedule 80 Nipples, Add	27.97	
For Work In Restricted Working Space, Add	7.90	
23 21 13 23-0215 EA 3" x 3-1/2" Long, Schedule 40 Black Steel Nipple	102.72	21.22
For Schedule 80 Nipples, Add	35.44	
For Work In Restricted Working Space, Add	9.55	
23 21 13 23-0216 EA 3/8" x 4" Long, Schedule 40 Black Steel Nipple.....	22.52	9.37
For Schedule 80 Nipples, Add	4.21	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0217 EA 1/2" x 4" Long, Schedule 40 Black Steel Nipple.....	19.97	9.37
For Schedule 80 Nipples, Add	2.94	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0218 EA 3/4" x 4" Long, Schedule 40 Black Steel Nipple.....	21.24	9.37
For Schedule 80 Nipples, Add	3.57	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0219 EA 1" x 4" Long, Schedule 40 Black Steel Nipple.....	25.08	10.17
For Schedule 80 Nipples, Add	4.95	
For Work In Restricted Working Space, Add	4.55	
23 21 13 23-0220 EA 1-1/4" x 4" Long, Schedule 40 Black Steel Nipple	28.90	10.96
For Schedule 80 Nipples, Add	6.23	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0221 EA 1-1/2" x 4" Long, Schedule 40 Black Steel Nipple	31.15	10.96
For Schedule 80 Nipples, Add	7.35	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0222 EA 2" x 4" Long, Schedule 40 Black Steel Nipple.....	41.80	14.11
For Schedule 80 Nipples, Add	10.29	
For Work In Restricted Working Space, Add	6.37	
23 21 13 23-0223 EA 2-1/2" x 4" Long, Schedule 40 Black Steel Nipple	82.25	17.57
For Schedule 80 Nipples, Add	27.97	
For Work In Restricted Working Space, Add	7.90	
23 21 13 23-0224 EA 3" x 4" Long, Schedule 40 Black Steel Nipple.....	102.72	21.22
For Schedule 80 Nipples, Add	35.44	
For Work In Restricted Working Space, Add	9.55	
23 21 13 23-0225 EA 4" x 4" Long, Schedule 40 Black Steel Nipple.....	133.58	25.12
For Schedule 80 Nipples, Add	47.97	
For Work In Restricted Working Space, Add	11.29	
23 21 13 23-0226 EA 3/8" x 4-1/2" Long, Schedule 40 Black Steel Nipple	26.25	9.37
For Schedule 80 Nipples, Add	6.08	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0227 EA 1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	20.99	9.37
For Schedule 80 Nipples, Add	3.45	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0228 EA 3/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	23.08	9.37
For Schedule 80 Nipples, Add	4.49	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0229 EA 1" x 4-1/2" Long, Schedule 40 Black Steel Nipple	26.92	10.17
For Schedule 80 Nipples, Add	5.87	
For Work In Restricted Working Space, Add	4.55	
23 21 13 23-0230 EA 1-1/4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	31.35	10.96
For Schedule 80 Nipples, Add	7.45	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0231 EA 1-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	34.41	10.96
For Schedule 80 Nipples, Add	8.98	
For Work In Restricted Working Space, Add	4.94	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0232	EA	2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	44.91	14.11
			<i>For Schedule 80 Nipples, Add</i>	11.84	
			<i>For Work In Restricted Working Space, Add</i>	6.37	
23 21	13 23-0233	EA	2-1/2" x 4-1/2" Long, Schedule 40 Black Steel Nipple	87.76	17.57
			<i>For Schedule 80 Nipples, Add</i>	30.72	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
23 21	13 23-0234	EA	3" x 4-1/2" Long, Schedule 40 Black Steel Nipple	110.02	21.22
			<i>For Schedule 80 Nipples, Add</i>	39.09	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
23 21	13 23-0235	EA	4" x 4-1/2" Long, Schedule 40 Black Steel Nipple	147.25	25.12
			<i>For Schedule 80 Nipples, Add</i>	54.81	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
23 21	13 23-0236	EA	3/8" x 5" Long, Schedule 40 Black Steel Nipple	26.25	9.37
			<i>For Schedule 80 Nipples, Add</i>	6.08	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0237	EA	1/2" x 5" Long, Schedule 40 Black Steel Nipple	20.99	9.37
			<i>For Schedule 80 Nipples, Add</i>	3.45	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0238	EA	3/4" x 5" Long, Schedule 40 Black Steel Nipple	23.08	9.37
			<i>For Schedule 80 Nipples, Add</i>	4.49	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0239	EA	1" x 5" Long, Schedule 40 Black Steel Nipple	26.92	10.17
			<i>For Schedule 80 Nipples, Add</i>	5.87	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
23 21	13 23-0240	EA	1-1/4" x 5" Long, Schedule 40 Black Steel Nipple	31.35	10.96
			<i>For Schedule 80 Nipples, Add</i>	7.45	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
23 21	13 23-0241	EA	1-1/2" x 5" Long, Schedule 40 Black Steel Nipple	34.41	10.96
			<i>For Schedule 80 Nipples, Add</i>	8.98	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
23 21	13 23-0242	EA	2" x 5" Long, Schedule 40 Black Steel Nipple	44.91	14.11
			<i>For Schedule 80 Nipples, Add</i>	11.84	
			<i>For Work In Restricted Working Space, Add</i>	6.37	
23 21	13 23-0243	EA	2-1/2" x 5" Long, Schedule 40 Black Steel Nipple	87.76	17.57
			<i>For Schedule 80 Nipples, Add</i>	30.72	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
23 21	13 23-0244	EA	3" x 5" Long, Schedule 40 Black Steel Nipple	110.02	21.22
			<i>For Schedule 80 Nipples, Add</i>	39.09	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
23 21	13 23-0245	EA	4" x 5" Long, Schedule 40 Black Steel Nipple	147.25	25.12
			<i>For Schedule 80 Nipples, Add</i>	54.81	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
23 21	13 23-0246	EA	3/8" x 6" Long, Schedule 40 Black Steel Nipple	27.62	9.37
			<i>For Schedule 80 Nipples, Add</i>	6.76	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0247	EA	1/2" x 6" Long, Schedule 40 Black Steel Nipple	21.81	9.37
			<i>For Schedule 80 Nipples, Add</i>	3.86	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0248	EA	3/4" x 6" Long, Schedule 40 Black Steel Nipple	24.31	9.37
			<i>For Schedule 80 Nipples, Add</i>	5.11	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0249	EA	1" x 6" Long, Schedule 40 Black Steel Nipple	29.06	10.17
			<i>For Schedule 80 Nipples, Add</i>	6.94	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
23 21	13 23-0250	EA	1-1/4" x 6" Long, Schedule 40 Black Steel Nipple	34.11	10.96
			<i>For Schedule 80 Nipples, Add</i>	8.83	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
23 21	13 23-0251	EA	1-1/2" x 6" Long, Schedule 40 Black Steel Nipple	37.07	10.96
			<i>For Schedule 80 Nipples, Add</i>	10.31	
			<i>For Work In Restricted Working Space, Add</i>	4.94	
23 21	13 23-0252	EA	2" x 6" Long, Schedule 40 Black Steel Nipple	48.99	14.11
			<i>For Schedule 80 Nipples, Add</i>	13.88	
			<i>For Work In Restricted Working Space, Add</i>	6.37	
23 21	13 23-0253	EA	2-1/2" x 6" Long, Schedule 40 Black Steel Nipple	90.36	17.57
			<i>For Schedule 80 Nipples, Add</i>	32.02	
			<i>For Work In Restricted Working Space, Add</i>	7.90	
23 21	13 23-0254	EA	3" x 6" Long, Schedule 40 Black Steel Nipple	116.81	21.22
			<i>For Schedule 80 Nipples, Add</i>	42.49	
			<i>For Work In Restricted Working Space, Add</i>	9.55	
23 21	13 23-0255	EA	4" x 6" Long, Schedule 40 Black Steel Nipple	154.81	25.12
			<i>For Schedule 80 Nipples, Add</i>	58.59	
			<i>For Work In Restricted Working Space, Add</i>	11.29	
23 21	13 23-0256	EA	3/8" x 8" Long, Schedule 40 Black Steel Nipple	37.83	9.37
			<i>For Schedule 80 Nipples, Add</i>	11.87	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0257	EA	1/2" x 8" Long, Schedule 40 Black Steel Nipple	27.98	9.37
			<i>For Schedule 80 Nipples, Add</i>	6.94	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0258	EA	3/4" x 8" Long, Schedule 40 Black Steel Nipple	31.09	9.37
			<i>For Schedule 80 Nipples, Add</i>	8.50	
			<i>For Work In Restricted Working Space, Add</i>	4.23	
23 21	13 23-0259	EA	1" x 8" Long, Schedule 40 Black Steel Nipple	37.89	10.17
			<i>For Schedule 80 Nipples, Add</i>	11.36	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
23 21	13 23-0260	EA	1-1/4" x 8" Long, Schedule 40 Black Steel Nipple	44.98	10.96
			<i>For Schedule 80 Nipples, Add</i>	14.27	
			<i>For Work In Restricted Working Space, Add</i>	4.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0261 EA 1-1/2" x 8" Long, Schedule 40 Black Steel Nipple	49.16	10.96
For Schedule 80 Nipples, Add	16.36	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0262 EA 2" x 8" Long, Schedule 40 Black Steel Nipple.....	67.77	14.11
For Schedule 80 Nipples, Add	23.27	
For Work In Restricted Working Space, Add	6.37	
23 21 13 23-0263 EA 2-1/2" x 8" Long, Schedule 40 Black Steel Nipple	107.82	17.57
For Schedule 80 Nipples, Add	40.75	
For Work In Restricted Working Space, Add	7.90	
23 21 13 23-0264 EA 3" x 8" Long, Schedule 40 Black Steel Nipple.....	146.45	21.22
For Schedule 80 Nipples, Add	57.31	
For Work In Restricted Working Space, Add	9.55	
23 21 13 23-0265 EA 4" x 8" Long, Schedule 40 Black Steel Nipple.....	172.87	25.12
For Schedule 80 Nipples, Add	67.62	
For Work In Restricted Working Space, Add	11.29	
23 21 13 23-0266 EA 3/8" x 10" Long, Schedule 40 Black Steel Nipple.....	40.74	9.37
For Schedule 80 Nipples, Add	13.32	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0267 EA 1/2" x 10" Long, Schedule 40 Black Steel Nipple.....	30.79	9.37
For Schedule 80 Nipples, Add	8.35	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0268 EA 3/4" x 10" Long, Schedule 40 Black Steel Nipple.....	33.85	9.37
For Schedule 80 Nipples, Add	9.88	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0269 EA 1" x 10" Long, Schedule 40 Black Steel Nipple.....	41.72	10.17
For Schedule 80 Nipples, Add	13.27	
For Work In Restricted Working Space, Add	4.55	
23 21 13 23-0270 EA 1-1/4" x 10" Long, Schedule 40 Black Steel Nipple	50.64	10.96
For Schedule 80 Nipples, Add	17.10	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0271 EA 1-1/2" x 10" Long, Schedule 40 Black Steel Nipple	54.72	10.96
For Schedule 80 Nipples, Add	19.14	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0272 EA 2" x 10" Long, Schedule 40 Black Steel Nipple.....	75.93	14.11
For Schedule 80 Nipples, Add	27.35	
For Work In Restricted Working Space, Add	6.37	
23 21 13 23-0273 EA 2-1/2" x 10" Long, Schedule 40 Black Steel Nipple	117.87	17.57
For Schedule 80 Nipples, Add	45.78	
For Work In Restricted Working Space, Add	7.90	
23 21 13 23-0274 EA 3" x 10" Long, Schedule 40 Black Steel Nipple.....	160.59	21.22
For Schedule 80 Nipples, Add	64.38	
For Work In Restricted Working Space, Add	9.55	
23 21 13 23-0275 EA 4" x 10" Long, Schedule 40 Black Steel Nipple.....	191.65	25.12
For Schedule 80 Nipples, Add	77.01	
For Work In Restricted Working Space, Add	11.29	
23 21 13 23-0276 EA 3/8" x 12" Long, Schedule 40 Black Steel Nipple.....	44.41	9.37
For Schedule 80 Nipples, Add	15.16	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0277 EA 1/2" x 12" Long, Schedule 40 Black Steel Nipple.....	33.90	9.37
For Schedule 80 Nipples, Add	9.90	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0278 EA 3/4" x 12" Long, Schedule 40 Black Steel Nipple.....	36.04	9.37
For Schedule 80 Nipples, Add	10.97	
For Work In Restricted Working Space, Add	4.23	
23 21 13 23-0279 EA 1" x 12" Long, Schedule 40 Black Steel Nipple.....	45.65	10.17
For Schedule 80 Nipples, Add	15.24	
For Work In Restricted Working Space, Add	4.55	
23 21 13 23-0280 EA 1-1/4" x 12" Long, Schedule 40 Black Steel Nipple	55.23	10.96
For Schedule 80 Nipples, Add	19.39	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0281 EA 1-1/2" x 12" Long, Schedule 40 Black Steel Nipple	60.54	10.96
For Schedule 80 Nipples, Add	22.05	
For Work In Restricted Working Space, Add	4.94	
23 21 13 23-0282 EA 2" x 12" Long, Schedule 40 Black Steel Nipple.....	84.20	14.11
For Schedule 80 Nipples, Add	31.49	
For Work In Restricted Working Space, Add	6.37	
23 21 13 23-0283 EA 2-1/2" x 12" Long, Schedule 40 Black Steel Nipple	128.18	17.57
For Schedule 80 Nipples, Add	50.93	
For Work In Restricted Working Space, Add	7.90	
23 21 13 23-0284 EA 3" x 12" Long, Schedule 40 Black Steel Nipple.....	174.73	21.22
For Schedule 80 Nipples, Add	71.45	
For Work In Restricted Working Space, Add	9.55	
23 21 13 23-0285 EA 4" x 12" Long, Schedule 40 Black Steel Nipple.....	218.19	25.12
For Schedule 80 Nipples, Add	90.28	
For Work In Restricted Working Space, Add	11.29	
23 21 13 23-0286 Black Malleable Iron Bushing (23 21 13 23-0014)		
23 21 13 23-0287 EA 1/2" x 3/8", 150 LB, Black Malleable Iron Bushing	34.28	16.09
For Work In Restricted Working Space, Add	7.24	
23 21 13 23-0288 EA 3/4" x 3/8", 150 LB, Black Malleable Iron Bushing.....	40.55	17.28
For Work In Restricted Working Space, Add	7.77	
23 21 13 23-0289 EA 3/4" x 1/2", 150 LB, Black Malleable Iron Bushing.....	42.53	18.56
For Work In Restricted Working Space, Add	8.37	
23 21 13 23-0290 EA 1" x 3/8", 150 LB, Black Malleable Iron Bushing.....	47.83	18.46
For Work In Restricted Working Space, Add	8.29	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0291	EA	1" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	44.70 8.88	19.74
23 21	13 23-0292	EA	1" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	46.27 9.35	20.82
23 21	13 23-0293	EA	1-1/4" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	52.45 8.94	19.84
23 21	13 23-0294	EA	1-1/4" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	53.41 9.53	21.22
23 21	13 23-0295	EA	1-1/4" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	52.82 10.01	22.21
23 21	13 23-0296	EA	1-1/4" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	54.54 10.52	23.39
23 21	13 23-0297	EA	1-1/2" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	62.06 9.65	21.52
23 21	13 23-0298	EA	1-1/2" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	58.79 10.25	22.80
23 21	13 23-0299	EA	1-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	60.36 10.72	23.79
23 21	13 23-0300	EA	1-1/2" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	59.08 11.24	24.97
23 21	13 23-0301	EA	1-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	64.31 11.88	26.45
23 21	13 23-0302	EA	2" x 3/8", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	80.05 11.36	25.27
23 21	13 23-0303	EA	2" x 1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	77.03 11.95	26.55
23 21	13 23-0304	EA	2" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	72.87 12.42	27.64
23 21	13 23-0305	EA	2" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	72.60 12.94	28.72
23 21	13 23-0306	EA	2" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	74.77 13.59	30.20
23 21	13 23-0307	EA	2" x 1-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	80.47 14.30	31.78
23 21	13 23-0308	EA	2-1/2" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	107.78 16.27	36.13
23 21	13 23-0309	EA	2-1/2" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	109.49 16.78	37.31
23 21	13 23-0310	EA	2-1/2" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	111.66 17.43	38.69
23 21	13 23-0311	EA	2-1/2" x 1-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	110.38 18.14	40.37
23 21	13 23-0312	EA	2-1/2" x 2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	115.65 19.85	44.12
23 21	13 23-0313	EA	3" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	140.76 20.00	44.41
23 21	13 23-0314	EA	3" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	142.48 20.52	45.60
23 21	13 23-0315	EA	3" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	144.65 21.17	47.08
23 21	13 23-0316	EA	3" x 1-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	145.59 21.89	48.65
23 21	13 23-0317	EA	3" x 2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	146.50 23.59	52.40
23 21	13 23-0318	EA	3" x 2-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	160.32 27.43	60.99
23 21	13 23-0319	EA	4" x 3/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	211.02 20.68	45.92
23 21	13 23-0320	EA	4" x 1", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	212.66 21.17	47.04
23 21	13 23-0321	EA	4" x 1-1/4", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	214.73 21.79	48.45
23 21	13 23-0322	EA	4" x 1-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	217.00 22.47	49.97
23 21	13 23-0323	EA	4" x 2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	214.78 24.10	53.54
23 21	13 23-0324	EA	4" x 2-1/2", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	226.98 27.76	61.72
23 21	13 23-0325	EA	4" x 3", 150 LB, Black Malleable Iron Bushing <i>For Work In Restricted Working Space, Add</i>	238.87 31.32	69.62
23 21	13 23-0326	Black Malleable Iron Square Head Plugs (23 21 13 23-0014)			
23 21	13 23-0327	EA	3/8", 150 LB, Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	16.52 2.63	5.83
23 21	13 23-0328	EA	1/2", 150 LB, Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	18.80 3.16	7.01
23 21	13 23-0329	EA	3/4", 150 LB, Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	20.05 3.53	7.89
23 21	13 23-0330	EA	1", 150 LB, Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	23.56 3.95	8.78
23 21	13 23-0331	EA	1-1/4", 150 LB, Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	28.01 4.47	9.97
23 21	13 23-0332	EA	1-1/2", 150 LB, Black Malleable Iron Square Head Plug <i>For Work In Restricted Working Space, Add</i>	35.08 5.04	11.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0333 EA 2", 150 LB, Black Malleable Iron Square Head Plug.....	47.33	14.21
<i>For Work In Restricted Working Space, Add</i>	6.40	
23 21 13 23-0334 EA 2-1/2", 150 LB, Black Malleable Iron Square Head Plug.....	78.88	21.03
<i>For Work In Restricted Working Space, Add</i>	9.47	
23 21 13 23-0335 EA 3", 150 LB, Black Malleable Iron Square Head Plug.....	106.50	27.73
<i>For Work In Restricted Working Space, Add</i>	12.47	
23 21 13 23-0336 EA 4", 150 LB, Black Malleable Iron Square Head Plug.....	180.12	29.26
<i>For Work In Restricted Working Space, Add</i>	13.17	
23 21 13 23-0337 EA 5", 150 LB, Black Malleable Iron Square Head Plug.....	338.39	30.58
<i>For Work In Restricted Working Space, Add</i>	13.75	
23 21 13 23-0338 EA 6", 150 LB, Black Malleable Iron Square Head Plug.....	410.29	31.89
<i>For Work In Restricted Working Space, Add</i>	14.37	
23 21 13 23-0339 125 LB Black Cast Iron Screwed Flanges <small>(23 21 13 23-0014)</small>		
Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0340 EA 3/4", 125 LB, Black Cast Iron Flange.....	207.52	39.48
<i>For Work In Restricted Working Space, Add</i>	17.77	
23 21 13 23-0341 EA 1", 125 LB, Black Cast Iron Flange.....	161.23	44.61
<i>For Work In Restricted Working Space, Add</i>	20.07	
23 21 13 23-0342 EA 1-1/4", 125 LB, Black Cast Iron Flange.....	182.10	46.20
<i>For Work In Restricted Working Space, Add</i>	20.78	
23 21 13 23-0343 EA 1-1/2", 125 LB, Black Cast Iron Flange.....	179.63	50.24
<i>For Work In Restricted Working Space, Add</i>	22.61	
23 21 13 23-0344 EA 2", 125 LB, Black Cast Iron Flange.....	182.70	52.40
<i>For Work In Restricted Working Space, Add</i>	23.59	
23 21 13 23-0345 EA 2-1/2", 125 LB, Black Cast Iron Flange.....	212.70	60.70
<i>For Work In Restricted Working Space, Add</i>	27.29	
23 21 13 23-0346 EA 3", 125 LB, Black Cast Iron Flange.....	272.26	76.99
<i>For Work In Restricted Working Space, Add</i>	34.63	
23 21 13 23-0347 EA 4", 125 LB, Black Cast Iron Flange.....	361.90	100.40
<i>For Work In Restricted Working Space, Add</i>	45.16	
23 21 13 23-0348 EA 5", 125 LB, Black Cast Iron Flange.....	477.79	119.59
<i>For Work In Restricted Working Space, Add</i>	53.77	
23 21 13 23-0349 EA 6", 125 LB, Black Cast Iron Flange.....	543.63	137.28
<i>For Work In Restricted Working Space, Add</i>	61.75	
23 21 13 23-0350 150 LB, Black Malleable Iron Flanges <small>(23 21 13 23-0014)</small>		
Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0351 EA 1/2", 150 LB, Black Malleable Iron Flange.....	86.88	36.02
<i>For Work In Restricted Working Space, Add</i>	16.22	
23 21 13 23-0352 EA 3/4", 150 LB, Black Malleable Iron Flange.....	94.57	39.48
<i>For Work In Restricted Working Space, Add</i>	17.77	
23 21 13 23-0353 EA 1", 150 LB, Black Malleable Iron Flange.....	112.84	44.61
<i>For Work In Restricted Working Space, Add</i>	20.07	
23 21 13 23-0354 EA 1-1/4", 150 LB, Black Malleable Iron Flange.....	118.35	46.20
<i>For Work In Restricted Working Space, Add</i>	20.78	
23 21 13 23-0355 EA 1-1/2", 150 LB, Black Malleable Iron Flange.....	128.91	50.24
<i>For Work In Restricted Working Space, Add</i>	22.61	
23 21 13 23-0356 EA 2", 150 LB, Black Malleable Iron Flange.....	148.50	52.40
<i>For Work In Restricted Working Space, Add</i>	23.59	
23 21 13 23-0357 EA 2-1/2", 150 LB, Black Malleable Iron Flange.....	200.51	60.70
<i>For Work In Restricted Working Space, Add</i>	27.29	
23 21 13 23-0358 EA 3", 150 LB, Black Malleable Iron Flange.....	253.88	76.99
<i>For Work In Restricted Working Space, Add</i>	34.62	
23 21 13 23-0359 EA 4", 150 LB, Black Malleable Iron Flange.....	385.71	100.40
<i>For Work In Restricted Working Space, Add</i>	45.15	
23 21 13 23-0360 Cut And Thread Existing In-Place Black Steel Pipe <small>(23 21 13 23-0014)</small>		
Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0361 EA 1/2", Cut And Thread Existing In Place Black Steel Pipe.....	32.15	
<i>For Work In Restricted Working Space, Add</i>	9.65	
23 21 13 23-0362 EA 3/4", Cut And Thread Existing In Place Black Steel Pipe.....	35.37	
<i>For Work In Restricted Working Space, Add</i>	10.61	
23 21 13 23-0363 EA 1", Cut And Thread Existing In Place Black Steel Pipe.....	38.59	
<i>For Work In Restricted Working Space, Add</i>	11.58	
23 21 13 23-0364 EA 1-1/4", Cut And Thread Existing In Place Black Steel Pipe.....	41.80	
<i>For Work In Restricted Working Space, Add</i>	12.54	
23 21 13 23-0365 EA 1-1/2", Cut And Thread Existing In Place Black Steel Pipe.....	43.94	
<i>For Work In Restricted Working Space, Add</i>	13.18	
23 21 13 23-0366 EA 2", Cut And Thread Existing In Place Black Steel Pipe.....	46.08	
<i>For Work In Restricted Working Space, Add</i>	13.82	
23 21 13 23-0367 EA 2-1/2", Cut And Thread Existing In Place Black Steel Pipe.....	48.23	
<i>For Work In Restricted Working Space, Add</i>	14.47	
23 21 13 23-0368 EA 3", Cut And Thread Existing In Place Black Steel Pipe.....	50.37	
<i>For Work In Restricted Working Space, Add</i>	15.11	
23 21 13 23-0369 EA 4", Cut And Thread Existing In Place Black Steel Pipe.....	52.51	
<i>For Work In Restricted Working Space, Add</i>	15.75	
23 21 13 23-0370 EA 6", Cut And Thread Existing In Place Black Steel Pipe.....	56.80	
<i>For Work In Restricted Working Space, Add</i>	17.04	
23 21 13 23-0371 EA 8", Cut And Thread Existing In Place Black Steel Pipe.....	61.08	
<i>For Work In Restricted Working Space, Add</i>	18.32	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0372	EA	10", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	66.44 19.93	
23 21	13 23-0373	EA	12", Cut And Thread Existing In Place Black Steel Pipe..... <i>For Work In Restricted Working Space, Add</i>	70.73 21.22	
23 21	13 23-0374		Welded Black Steel Pipe (23 21 13 23)		
23 21	13 23-0375		Welded Plain End Black Steel Pipe Assemblies (23 21 13 23-0374) Note: ASTM A-53 pipe and A-234 WPB fittings. Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available.		
23 21	13 23-0376	LF	3/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	28.06 5.50	7.51
23 21	13 23-0377	LF	1" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	31.95 6.15	8.01
23 21	13 23-0378	LF	1-1/4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	39.88 7.06	8.52
23 21	13 23-0379	LF	1-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	44.45 7.39	8.52
23 21	13 23-0380	LF	2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	51.21 8.55	8.52
23 21	13 23-0381	LF	2-1/2" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	59.31 9.91	8.52
23 21	13 23-0382	LF	3" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	74.86 10.46	8.32
23 21	13 23-0383	LF	4" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	104.68 12.85	10.35
23 21	13 23-0384	LF	6" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	152.60 14.79	15.43
23 21	13 23-0385	LF	8" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	230.73 21.95	19.17
23 21	13 23-0386	LF	10" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	314.62 26.17	23.96
23 21	13 23-0387	LF	12" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	403.45 30.24	28.94
23 21	13 23-0388	LF	14" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	415.32 33.74	37.76
23 21	13 23-0389	LF	16" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	476.88 37.70	47.92
23 21	13 23-0390	LF	18" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	623.33 41.36	59.32
23 21	13 23-0391	LF	20" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	771.79 47.35	73.32
23 21	13 23-0392	LF	24" Schedule 40 Welded Plain End Black Steel Pipe And Fitting Assembly..... Note: Includes all hangers and all fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	966.61 52.06	83.09
23 21	13 23-0393		Welded Black Steel Pipe And Fittings (23 21 13 23-0374) Note: ASTM A-53 pipe and A-234 WPB fittings. Excludes hangers or fittings.		
23 21	13 23-0394		Welded Plain End (A-53) Black Steel Piping (23 21 13 23-0393)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0395 LF 3/4" Schedule 40, Welded Plain End Black Steel Pipe	13.93	4.01
<i>For Work In Restricted Working Space, Add</i>	2.40	
<i>For Schedule 80 Pipe, Add</i>	2.39	
23 21 13 23-0396 LF 1" Schedule 40, Welded Plain End Black Steel Pipe	17.88	5.02
<i>For Work In Restricted Working Space, Add</i>	3.01	
<i>For Schedule 80 Pipe, Add</i>	3.08	
23 21 13 23-0397 LF 1-1/4" Schedule 40, Welded Plain End Black Steel Pipe	23.57	6.02
<i>For Work In Restricted Working Space, Add</i>	3.61	
<i>For Schedule 80 Pipe, Add</i>	4.11	
23 21 13 23-0398 LF 1-1/2" Schedule 40, Welded Plain End Black Steel Pipe	29.35	7.01
<i>For Work In Restricted Working Space, Add</i>	4.21	
<i>For Schedule 80 Pipe, Add</i>	5.17	
23 21 13 23-0399 LF 2" Schedule 40, Welded Plain End Black Steel Pipe	34.96	8.32
<i>For Work In Restricted Working Space, Add</i>	4.99	
<i>For Schedule 80 Pipe, Add</i>	6.16	
23 21 13 23-0400 LF 2-1/2" Schedule 40, Welded Plain End Black Steel Pipe	40.22	9.42
<i>For Work In Restricted Working Space, Add</i>	5.65	
<i>For Schedule 80 Pipe, Add</i>	10.78	
23 21 13 23-0401 LF 3" Schedule 40, Welded Plain End Black Steel Pipe	54.20	10.12
<i>For Work In Restricted Working Space, Add</i>	6.08	
<i>For Schedule 80 Pipe, Add</i>	15.43	
23 21 13 23-0402 LF 4" Schedule 40, Welded Plain End Black Steel Pipe	79.47	12.53
<i>For Work In Restricted Working Space, Add</i>	7.52	
<i>For Schedule 80 Pipe, Add</i>	23.43	
23 21 13 23-0403 LF 6" Schedule 40, Welded Plain End Black Steel Pipe	122.26	20.30
<i>For Work In Restricted Working Space, Add</i>	9.32	
<i>For Schedule 80 Pipe, Add</i>	37.36	
23 21 13 23-0404 LF 8" Schedule 40, Welded Plain End Black Steel Pipe	178.71	20.60
<i>For Work In Restricted Working Space, Add</i>	12.36	
<i>For Schedule 30 Pipe, Deduct</i>	-31.62	
<i>For Schedule 80 Pipe, Add</i>	55.34	
23 21 13 23-0405 LF 10" Schedule 40, Welded Plain End Black Steel Pipe	244.26	24.82
<i>For Work In Restricted Working Space, Add</i>	14.89	
<i>For Schedule 30 Pipe, Deduct</i>	-43.89	
<i>For Schedule 80 Pipe, Add</i>	76.80	
23 21 13 23-0406 LF 12" Schedule 40, Welded Plain End Black Steel Pipe	317.38	30.00
<i>For Work In Restricted Working Space, Add</i>	18.00	
<i>For Schedule 30 Pipe, Deduct</i>	-57.48	
<i>For Schedule 80 Pipe, Add</i>	100.58	
23 21 13 23-0407 LF 14" Schedule 40, Welded Plain End Black Steel Pipe	297.95	31.63
<i>For Work In Restricted Working Space, Add</i>	18.98	
<i>For Schedule 30 Pipe, Deduct</i>	-53.26	
<i>For Schedule 20 Pipe, Deduct</i>	-94.79	
<i>For Schedule 80 Pipe, Add</i>	93.21	
23 21 13 23-0408 LF 16" Schedule 40, Welded Plain End Black Steel Pipe	330.38	34.02
<i>For Work In Restricted Working Space, Add</i>	20.42	
<i>For Schedule 30 Pipe, Deduct</i>	-59.27	
<i>For Schedule 20 Pipe, Deduct</i>	-105.43	
<i>For Schedule 80 Pipe, Add</i>	103.72	
23 21 13 23-0409 LF 18" Schedule 40, Welded Plain End Black Steel Pipe	437.18	36.80
<i>For Work In Restricted Working Space, Add</i>	22.08	
<i>For Schedule 30 Pipe, Deduct</i>	-80.08	
<i>For Schedule 20 Pipe, Deduct</i>	-141.97	
<i>For Schedule 80 Pipe, Add</i>	140.13	
23 21 13 23-0410 LF 20" Schedule 40, Welded Plain End Black Steel Pipe	515.06	44.09
<i>For Work In Restricted Working Space, Add</i>	26.45	
<i>For Schedule 80 Pipe, Add</i>	164.84	
23 21 13 23-0411 LF 24" Schedule 40, Welded Plain End Black Steel Pipe	652.88	50.70
<i>For Work In Restricted Working Space, Add</i>	30.42	
<i>For Schedule 80 Pipe, Add</i>	210.76	
23 21 13 23-0412 Welded Plain End (A-106) Seamless Carbon Steel Piping <small>(23 21 13 23-0393)</small>		
23 21 13 23-0413 LF 1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	10.56	2.80
<i>For Work In Restricted Working Space, Add</i>	1.68	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	2.67	
23 21 13 23-0414 LF 1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	10.65	3.11
<i>For Work In Restricted Working Space, Add</i>	1.83	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	2.60	
23 21 13 23-0415 LF 3/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	13.42	4.01
<i>For Work In Restricted Working Space, Add</i>	2.40	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	3.20	
23 21 13 23-0416 LF 1" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	16.45	5.02
<i>For Work In Restricted Working Space, Add</i>	3.01	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	3.88	
23 21 13 23-0417 LF 1-1/4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	20.84	6.02
<i>For Work In Restricted Working Space, Add</i>	3.61	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	5.06	
23 21 13 23-0418 LF 1-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	24.33	7.01
<i>For Work In Restricted Working Space, Add</i>	4.21	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	5.92	
23 21 13 23-0419 LF 2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	28.91	8.32
<i>For Work In Restricted Working Space, Add</i>	4.99	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	7.04	
23 21 13 23-0420 LF 2-1/2" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe	38.48	9.42
<i>For Work In Restricted Working Space, Add</i>	5.65	
<i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	13.82	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0421	LF	3" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	44.29 6.08 16.50	10.12
23 21	13 23-0422	LF	4" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	55.06 7.52 20.56	12.53
23 21	13 23-0423	LF	6" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	86.94 9.32 35.95	20.35
23 21	13 23-0424	LF	8" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	125.31 12.36 53.28	20.60
23 21	13 23-0425	LF	10" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	169.58 14.89 74.61	24.82
23 21	13 23-0426	LF	12" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	206.85 18.00 91.24	30.00
23 21	13 23-0427	LF	14" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	243.86 18.98 110.63	31.63
23 21	13 23-0428	LF	16" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	282.38 20.42 130.23	34.02
23 21	13 23-0429	LF	18" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	344.01 22.08 162.47	36.80
23 21	13 23-0430	LF	20" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	414.63 26.45 196.04	44.09
23 21	13 23-0431	LF	24" Schedule 40, Welded Plain End (A-106) Seamless, Carbon Steel Pipe..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 (A-106) Carbon Steel Pipe, Add</i>	524.35 30.42 252.06	50.70
23 21 13 23-0432 Welded Plain End Black Steel 90 Degree Elbows (23 21 13 23-0393)					
23 21	13 23-0433	EA	3/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	111.99 27.32 24.04	60.76
23 21	13 23-0434	EA	1" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	116.76 28.75 24.97	63.93
23 21	13 23-0435	EA	1-1/4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	130.18 32.78 27.58	72.84
23 21	13 23-0436	EA	1-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	138.80 35.36 29.26	78.60
23 21	13 23-0437	EA	2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	174.25 46.00 36.18	102.26
23 21	13 23-0438	EA	2-1/2" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	219.56 57.50 45.74	127.85
23 21	13 23-0439	EA	3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	236.43 60.92 49.61	135.50
23 21	13 23-0440	EA	4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	406.17 105.31 84.99	234.12
23 21	13 23-0441	EA	6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	714.94 173.80 153.65	386.36
23 21	13 23-0442	EA	8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,030.41 233.62 227.36	519.37
23 21	13 23-0443	EA	10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,352.08 266.99 312.18	593.65
23 21	13 23-0444	EA	12" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,834.53 349.33 428.09	776.71
23 21	13 23-0445	EA	14" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,283.39 412.93 540.49	918.07
23 21	13 23-0446	EA	16" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,848.70 482.18 685.85	1,072.09
23 21	13 23-0447	EA	18" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,390.00 537.66 828.82	1,195.44
23 21	13 23-0448	EA	20" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,358.00 602.88 1,096.39	1,340.35
23 21	13 23-0449	EA	24" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	5,145.71 622.97 1,325.67	1,385.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0450 Welded Plain End Black Steel Reducing 90 Degree Elbows <small>(23 21 13 23-0393)</small>		
23 21 13 23-0451 EA 4" x 3" 90 Standard Weight, Welded Plain End Black Steel Reducing 90 Degree Elbow	578.55	234.53
For Work In Restricted Working Space, Add	105.50	
For Schedule 80 Or Extra Heavy Fittings, Add	136.64	
23 21 13 23-0452 EA 6" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,016.51	381.95
For Work In Restricted Working Space, Add	171.81	
For Schedule 80 Or Extra Heavy Fittings, Add	244.82	
23 21 13 23-0453 EA 6" x 3" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,092.60	381.95
For Work In Restricted Working Space, Add	171.81	
For Schedule 80 Or Extra Heavy Fittings, Add	267.65	
23 21 13 23-0454 EA 8" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,714.91	519.37
For Work In Restricted Working Space, Add	233.62	
For Schedule 80 Or Extra Heavy Fittings, Add	432.71	
23 21 13 23-0455 EA 8" x 4" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	1,896.34	519.37
For Work In Restricted Working Space, Add	233.62	
For Schedule 80 Or Extra Heavy Fittings, Add	487.14	
23 21 13 23-0456 EA 10" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,386.39	593.65
For Work In Restricted Working Space, Add	266.99	
For Schedule 80 Or Extra Heavy Fittings, Add	622.47	
23 21 13 23-0457 EA 10" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	2,386.39	593.65
For Work In Restricted Working Space, Add	266.99	
For Schedule 80 Or Extra Heavy Fittings, Add	622.47	
23 21 13 23-0458 EA 12" x 10" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,964.95	791.46
For Work In Restricted Working Space, Add	355.98	
For Schedule 80 Or Extra Heavy Fittings, Add	1,064.89	
23 21 13 23-0459 EA 12" x 8" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	3,964.95	791.46
For Work In Restricted Working Space, Add	355.98	
For Schedule 80 Or Extra Heavy Fittings, Add	1,064.89	
23 21 13 23-0460 EA 12" x 6" Standard Weight, Welded Plain End Black Steel 90 Degree Elbow	4,458.46	791.46
For Work In Restricted Working Space, Add	355.98	
For Schedule 80 Or Extra Heavy Fittings, Add	1,212.94	
23 21 13 23-0461 Welded Plain End Black Steel 45 Degree Elbows <small>(23 21 13 23-0393)</small>		
23 21 13 23-0462 EA 3/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	101.80	56.83
For Work In Restricted Working Space, Add	25.56	
For Schedule 80 Or Extra Heavy Fittings, Add	21.60	
23 21 13 23-0463 EA 1" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	104.81	58.83
For Work In Restricted Working Space, Add	26.46	
For Schedule 80 Or Extra Heavy Fittings, Add	22.18	
23 21 13 23-0464 EA 1-1/4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	117.84	67.55
For Work In Restricted Working Space, Add	30.37	
For Schedule 80 Or Extra Heavy Fittings, Add	24.72	
23 21 13 23-0465 EA 1-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	125.85	72.87
For Work In Restricted Working Space, Add	32.77	
For Schedule 80 Or Extra Heavy Fittings, Add	26.28	
23 21 13 23-0466 EA 2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	157.93	94.21
For Work In Restricted Working Space, Add	42.40	
For Schedule 80 Or Extra Heavy Fittings, Add	32.54	
23 21 13 23-0467 EA 2-1/2" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	196.74	118.36
For Work In Restricted Working Space, Add	53.22	
For Schedule 80 Or Extra Heavy Fittings, Add	40.40	
23 21 13 23-0468 EA 3" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	227.40	135.40
For Work In Restricted Working Space, Add	60.91	
For Schedule 80 Or Extra Heavy Fittings, Add	46.90	
23 21 13 23-0469 EA 4" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	391.19	234.02
For Work In Restricted Working Space, Add	105.28	
For Schedule 80 Or Extra Heavy Fittings, Add	80.51	
23 21 13 23-0470 EA 6" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	677.67	385.96
For Work In Restricted Working Space, Add	173.60	
For Schedule 80 Or Extra Heavy Fittings, Add	142.54	
23 21 13 23-0471 EA 8" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	962.49	519.37
For Work In Restricted Working Space, Add	233.62	
For Schedule 80 Or Extra Heavy Fittings, Add	206.98	
23 21 13 23-0472 EA 10" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,227.38	593.65
For Work In Restricted Working Space, Add	266.99	
For Schedule 80 Or Extra Heavy Fittings, Add	274.77	
23 21 13 23-0473 EA 12" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	1,651.53	775.27
For Work In Restricted Working Space, Add	348.68	
For Schedule 80 Or Extra Heavy Fittings, Add	373.42	
23 21 13 23-0474 EA 14" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,040.49	919.32
For Work In Restricted Working Space, Add	413.48	
For Schedule 80 Or Extra Heavy Fittings, Add	467.43	
23 21 13 23-0475 EA 16" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,512.04	1,070.94
For Work In Restricted Working Space, Add	481.68	
For Schedule 80 Or Extra Heavy Fittings, Add	585.02	
23 21 13 23-0476 EA 18" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	2,956.78	1,194.01
For Work In Restricted Working Space, Add	537.05	
For Schedule 80 Or Extra Heavy Fittings, Add	699.07	
23 21 13 23-0477 EA 20" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow	3,724.28	1,340.35
For Work In Restricted Working Space, Add	602.88	
For Schedule 80 Or Extra Heavy Fittings, Add	906.28	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0478	EA		24" Standard Weight, Welded Plain End Black Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,317.50 622.97 1,077.21	1,385.11
23 21 13 23-0479			Welded Plain End Black Steel Tee <small>(23 21 13 23-0393)</small>		
23 21 13 23-0480	EA		3/4" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	210.53 48.11 46.32	106.94
23 21 13 23-0481	EA		1" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	210.48 48.09 46.31	106.94
23 21 13 23-0482	EA		1-1/4" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	238.80 53.50 52.92	118.97
23 21 13 23-0483	EA		1-1/2" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	260.91 60.13 57.23	133.70
23 21 13 23-0484	EA		2" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	321.10 80.28 68.23	178.50
23 21 13 23-0485	EA		2-1/2" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	367.13 90.20 78.57	200.54
23 21 13 23-0486	EA		3" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	438.37 109.44 93.21	243.54
23 21 13 23-0487	EA		4" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	629.82 158.24 133.56	351.89
23 21 13 23-0488	EA		6" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,057.77 261.45 225.82	581.29
23 21 13 23-0489	EA		8" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,531.50 355.98 334.86	791.46
23 21 13 23-0490	EA		10" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,962.66 415.32 443.44	923.34
23 21 13 23-0491	EA		12" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,659.43 533.98 610.94	1,187.20
23 21 13 23-0492	EA		14" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,490.62 622.97 829.15	1,385.11
23 21 13 23-0493	EA		16" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,201.39 747.57 998.77	1,662.09
23 21 13 23-0494	EA		18" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	5,561.18 830.63 1,377.63	1,846.79
23 21 13 23-0495	EA		20" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	7,425.97 934.46 1,900.73	2,077.67
23 21 13 23-0496	EA		24" Standard Weight, Welded Plain End Black Steel Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	8,612.86 1,006.34 2,231.64	2,237.48
23 21 13 23-0497			Welded Plain End Black Steel Reducing Tees <small>(23 21 13 23-0393)</small>		
23 21 13 23-0498	EA		3/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	205.51 46.60 45.34	103.63
23 21 13 23-0499	EA		1" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	210.48 48.09 46.31	106.94
23 21 13 23-0500	EA		1-1/4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	235.60 53.50 51.96	118.97
23 21 13 23-0501	EA		1-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	257.71 60.13 56.27	133.70
23 21 13 23-0502	EA		2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	328.30 80.31 70.38	178.50
23 21 13 23-0503	EA		2-1/2" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	367.25 90.24 78.59	200.65
23 21 13 23-0504	EA		3" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	438.71 109.44 93.31	243.54
23 21 13 23-0505	EA		4" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	630.29 158.24 133.70	351.89

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0506	EA	6" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,058.58 261.45 226.07	581.29
23 21	13 23-0507	EA	8" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,533.05 355.98 335.32	791.46
23 21	13 23-0508	EA	10" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,965.30 415.32 444.23	923.34
23 21	13 23-0509	EA	12" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,663.42 533.98 612.13	1,187.20
23 21	13 23-0510	EA	14" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,497.05 622.97 831.07	1,385.11
23 21	13 23-0511	EA	16" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,209.17 747.57 1,001.10	1,662.09
23 21	13 23-0512	EA	18" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	5,573.90 830.63 1,381.45	1,846.79
23 21	13 23-0513	EA	20" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	7,549.55 934.46 1,937.80	2,077.67
23 21	13 23-0514	EA	24" Standard Weight, Welded Plain End Black Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	9,164.84 1,006.34 2,397.23	2,237.48
23 21	13 23-0515		Welded Plain End Black Steel Eccentric Reducers <small>(23 21 13 23-0393)</small>		
23 21	13 23-0516	EA	1" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	185.68 29.31 45.44	65.18
23 21	13 23-0517	EA	1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	195.19 32.17 47.30	71.52
23 21	13 23-0518	EA	1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	192.69 31.42 46.81	69.86
23 21	13 23-0519	EA	1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	206.71 35.62 49.55	79.20
23 21	13 23-0520	EA	1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	199.70 33.52 48.18	74.52
23 21	13 23-0521	EA	1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	197.20 32.77 47.69	72.87
23 21	13 23-0522	EA	2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	195.08 42.54 43.64	94.57
23 21	13 23-0523	EA	2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	223.60 41.19 52.66	91.57
23 21	13 23-0524	EA	2" x 1" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	216.58 39.08 51.30	86.89
23 21	13 23-0525	EA	2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	242.19 54.11 53.72	120.31
23 21	13 23-0526	EA	2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	234.29 48.55 53.29	107.94
23 21	13 23-0527	EA	2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	288.40 47.20 70.00	104.93
23 21	13 23-0528	EA	3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	270.15 60.74 59.79	135.00
23 21	13 23-0529	EA	3" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	274.93 60.74 61.22	135.00
23 21	13 23-0530	EA	3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	285.06 60.74 64.26	135.00
23 21	13 23-0531	EA	4" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	440.11 105.50 95.11	234.53
23 21	13 23-0532	EA	4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	444.90 105.50 96.55	234.53
23 21	13 23-0533	EA	4" x 2" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	459.30 105.50 100.87	234.53
23 21	13 23-0534	EA	6" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	754.93 171.81 166.35	381.95

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0535	EA	6" x 3" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	858.30	381.95
			<i>For Work In Restricted Working Space, Add</i>	171.81	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	197.36	
23 21	13 23-0536	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,103.84	581.29
			<i>For Work In Restricted Working Space, Add</i>	261.45	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	239.64	
23 21	13 23-0537	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,296.18	581.29
			<i>For Work In Restricted Working Space, Add</i>	261.45	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	297.35	
23 21	13 23-0538	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,306.48	668.49
			<i>For Work In Restricted Working Space, Add</i>	300.67	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	286.71	
23 21	13 23-0539	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,537.74	668.49
			<i>For Work In Restricted Working Space, Add</i>	300.67	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	356.09	
23 21	13 23-0540	EA	10" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,841.99	668.49
			<i>For Work In Restricted Working Space, Add</i>	300.67	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	447.36	
			<i>For Concentric Reducers, Deduct</i>	-268.72	
23 21	13 23-0541	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,659.12	789.93
			<i>For Work In Restricted Working Space, Add</i>	355.31	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	373.38	
23 21	13 23-0542	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	1,929.27	789.93
			<i>For Work In Restricted Working Space, Add</i>	355.31	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	454.42	
23 21	13 23-0543	EA	12" x 6" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,385.92	789.93
			<i>For Work In Restricted Working Space, Add</i>	355.31	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	591.42	
			<i>For Concentric Reducers, Deduct</i>	-384.50	
23 21	13 23-0544	EA	12" x 4" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	1,651.46	789.93
			<i>For Work In Restricted Working Space, Add</i>	355.31	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	371.08	
			<i>For Concentric Reducers, Deduct</i>	-149.47	
23 21	13 23-0545	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,217.75	923.34
			<i>For Work In Restricted Working Space, Add</i>	415.31	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	519.97	
23 21	13 23-0546	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,360.01	923.34
			<i>For Work In Restricted Working Space, Add</i>	415.31	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	562.64	
23 21	13 23-0547	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,778.37	923.34
			<i>For Work In Restricted Working Space, Add</i>	415.31	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	988.15	
23 21	13 23-0548	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	2,831.98	1,038.83
			<i>For Work In Restricted Working Space, Add</i>	467.23	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	686.06	
23 21	13 23-0549	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	3,250.81	1,038.83
			<i>For Work In Restricted Working Space, Add</i>	467.23	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	811.71	
23 21	13 23-0550	EA	16" x 10" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	3,413.85	1,038.83
			<i>For Work In Restricted Working Space, Add</i>	467.23	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	860.62	
			<i>For Concentric Reducers, Deduct</i>	-594.05	
23 21	13 23-0551	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	5,250.56	1,038.83
			<i>For Work In Restricted Working Space, Add</i>	467.23	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,411.64	
23 21	13 23-0552	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	6,164.52	1,038.83
			<i>For Work In Restricted Working Space, Add</i>	467.23	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,685.82	
23 21	13 23-0553	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,075.93	1,187.20
			<i>For Work In Restricted Working Space, Add</i>	533.98	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,035.89	
23 21	13 23-0554	EA	18" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	2,191.63	1,187.20
			<i>For Work In Restricted Working Space, Add</i>	533.98	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	470.60	
			<i>For Concentric Reducers, Deduct</i>	-131.74	
23 21	13 23-0555	EA	18" x 12" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,296.00	1,187.20
			<i>For Work In Restricted Working Space, Add</i>	533.98	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,101.91	
			<i>For Concentric Reducers, Deduct</i>	-805.14	
23 21	13 23-0556	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	4,620.49	1,187.20
			<i>For Work In Restricted Working Space, Add</i>	533.98	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,199.25	
23 21	13 23-0557	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer	7,363.80	1,187.20
			<i>For Work In Restricted Working Space, Add</i>	533.98	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,022.25	
23 21	13 23-0558	EA	20" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,893.32	1,340.35
			<i>For Work In Restricted Working Space, Add</i>	602.88	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,256.99	
			<i>For Concentric Reducers, Deduct</i>	-922.79	
23 21	13 23-0559	EA	20" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	4,885.87	1,340.35
			<i>For Work In Restricted Working Space, Add</i>	602.88	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,254.75	
			<i>For Concentric Reducers, Deduct</i>	-920.41	
23 21	13 23-0560	EA	20" x 14" Standard Weight, Welded Plain End Black Steel Eccentric Reducer	8,515.05	1,340.35
			<i>For Work In Restricted Working Space, Add</i>	602.88	
			<i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,343.51	
			<i>For Concentric Reducers, Deduct</i>	-2,081.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0561 EA 20" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	9,970.75 602.88 2,780.22	1,340.35
23 21 13 23-0562 EA 20" x 10" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	12,154.37 602.88 3,435.30	1,340.35
23 21 13 23-0563 EA 24" x 20" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	5,857.62 622.97 1,539.25	1,385.11
23 21 13 23-0564 EA 24" x 18" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i>	6,297.58 622.97 1,671.23 -1,350.72	1,385.11
23 21 13 23-0565 EA 24" x 16" Standard Weight, Welded Plain End Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i> <i>For Concentric Reducers, Deduct</i>	8,341.71 622.97 2,284.47 -2,004.84	1,385.11
23 21 13 23-0566 EA 24" x 14" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	12,145.66 622.98 3,425.66	1,385.11
23 21 13 23-0567 EA 24" x 12" Standard Weight, Welded Plain End, Black Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	14,997.92 622.98 4,281.33	1,385.11
23 21 13 23-0568 Welded Plain End Black Steel Concentric Reducers (23 21 13 23-0393)		
23 21 13 23-0569 EA 1" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	162.65 29.31 38.54	65.18
23 21 13 23-0570 EA 1-1/4" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	172.16 32.17 40.39	71.52
23 21 13 23-0571 EA 1-1/4" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	169.66 31.42 39.90	69.86
23 21 13 23-0572 EA 1-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	183.68 35.62 42.64	79.20
23 21 13 23-0573 EA 1-1/2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	176.67 33.52 41.27	74.52
23 21 13 23-0574 EA 1-1/2" x 3/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	174.17 32.77 40.78	72.87
23 21 13 23-0575 EA 2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	183.35 42.54 40.12	94.57
23 21 13 23-0576 EA 2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	178.85 41.19 39.24	91.57
23 21 13 23-0577 EA 2" x 1" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	187.82 39.08 42.67	86.89
23 21 13 23-0578 EA 2-1/2" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	233.66 54.11 51.16	120.31
23 21 13 23-0579 EA 2-1/2" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	229.51 48.55 51.86	107.94
23 21 13 23-0580 EA 2-1/2" x 1-1/4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	247.90 47.20 57.85	104.93
23 21 13 23-0581 EA 3" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	245.63 60.74 52.43	135.00
23 21 13 23-0582 EA 3" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	248.83 60.74 53.39	135.00
23 21 13 23-0583 EA 3" x 1-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	255.76 60.74 55.47	135.00
23 21 13 23-0584 EA 4" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	407.08 105.50 85.20	234.53
23 21 13 23-0585 EA 4" x 2-1/2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	419.34 105.50 88.88	234.53
23 21 13 23-0586 EA 4" x 2" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	419.34 105.50 88.88	234.53
23 21 13 23-0587 EA 6" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	688.88 171.81 146.53	381.95
23 21 13 23-0588 EA 6" x 3" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	713.37 171.81 153.88	381.95

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0589	EA	8" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,023.90 261.45 215.66	581.29
23 21	13 23-0590	EA	8" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,067.60 261.45 228.77	581.29
23 21	13 23-0591	EA	10" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,297.96 300.67 284.15	668.49
23 21	13 23-0592	EA	10" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,279.85 300.67 278.72	668.49
23 21	13 23-0593	EA	10" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,507.90 300.67 347.14	668.49
23 21	13 23-0594	EA	12" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,549.89 355.31 340.61	789.93
23 21	13 23-0595	EA	12" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,604.65 355.31 357.04	789.93
23 21	13 23-0596	EA	12" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,624.48 355.31 362.99	789.93
23 21	13 23-0597	EA	12" x 4" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,205.82 355.31 537.39	789.93
23 21	13 23-0598	EA	14" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	1,934.27 415.31 434.92	923.34
23 21	13 23-0599	EA	14" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,137.28 415.31 495.82	923.34
23 21	13 23-0600	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,313.65 415.31 548.74	923.34
23 21	13 23-0601	EA	14" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,995.28 415.31 753.22	923.34
23 21	13 23-0602	EA	16" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,519.74 467.23 592.39	1,038.83
23 21	13 23-0603	EA	16" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,519.74 467.23 592.39	1,038.83
23 21	13 23-0604	EA	16" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,620.99 467.23 622.77	1,038.83
23 21	13 23-0605	EA	16" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,957.20 467.23 723.63	1,038.83
23 21	13 23-0606	EA	16" x 6" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,349.64 467.23 1,141.36	1,038.83
23 21	13 23-0607	EA	18" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	2,831.22 533.98 662.47	1,187.20
23 21	13 23-0608	EA	18" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,090.72 533.98 740.32	1,187.20
23 21	13 23-0609	EA	18" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,199.42 533.98 772.93	1,187.20
23 21	13 23-0610	EA	18" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,495.13 533.98 861.65	1,187.20
23 21	13 23-0611	EA	18" x 8" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	6,893.48 533.98 1,881.15	1,187.20
23 21	13 23-0612	EA	20" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,813.78 602.88 933.13	1,340.35
23 21	13 23-0613	EA	20" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,813.78 602.88 933.13	1,340.35
23 21	13 23-0614	EA	20" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	3,887.85 602.88 955.35	1,340.35
23 21	13 23-0615	EA	20" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,326.38 602.88 1,086.91	1,340.35
23 21	13 23-0616	EA	20" x 10" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	5,089.40 602.88 1,315.81	1,340.35
23 21	13 23-0617	EA	24" x 20" Standard Weight, Welded Plain End, Black Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,117.38 622.98 1,017.17	1,385.11



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0618 EA 24" x 18" Standard Weight, Welded Plain End, Black Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,163.72 622.98 1,031.07	1,385.11
23 21 13 23-0619 EA 24" x 16" Standard Weight, Welded Plain End, Black Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	4,254.30 622.98 1,058.25	1,385.11
23 21 13 23-0620 EA 24" x 14" Standard Weight, Welded Plain End, Black Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	6,351.56 622.98 1,687.43	1,385.11
23 21 13 23-0621 EA 24" x 12" Standard Weight, Welded Plain End, Black Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Or Extra Heavy Fittings, Add</i>	6,765.58 622.98 1,811.63	1,385.11
23 21 13 23-0622 Welded Plain End Black Steel Caps <small>(23 21 13 23-0393)</small>		
23 21 13 23-0623 EA 1" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	60.74 15.03 11.96	33.47
23 21 13 23-0624 EA 1-1/4" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	66.42 16.54 13.04	36.79
23 21 13 23-0625 EA 1-1/2" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	69.08 17.14 13.58	38.09
23 21 13 23-0626 EA 2" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	85.73 21.95 16.57	48.81
23 21 13 23-0627 EA 2-1/2" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	101.36 26.46 19.38	58.83
23 21 13 23-0628 EA 3" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	119.03 30.53 22.99	67.85
23 21 13 23-0629 EA 4" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	198.81 52.75 37.67	117.26
23 21 13 23-0630 EA 6" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	334.16 87.15 63.94	193.73
23 21 13 23-0631 EA 8" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	472.69 122.15 90.91	271.61
23 21 13 23-0632 EA 10" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	628.93 154.19 124.43	342.86
23 21 13 23-0633 EA 12" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	723.26 173.85 144.54	386.53
23 21 13 23-0634 EA 14" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	962.41 207.66 202.20	461.67
23 21 13 23-0635 EA 16" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,117.72 241.15 234.84	536.14
23 21 13 23-0636 EA 18" Standard Weight, Welded Plain End Black Steel Cap..... <i>For Work In Restricted Working Space, Add</i> <i>For Schedule 80 Fittings, Add</i>	1,250.96 266.99 264.04	593.65
23 21 13 23-0637 150 LB, Welded Plain End Black Steel Neck Flanges <small>(23 21 13 23-0393)</small> Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0638 EA 2", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	149.30 33.99 37.10	75.57
23 21 13 23-0639 EA 2-1/2", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	177.37 42.41 40.04	94.31
23 21 13 23-0640 EA 3", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	197.70 48.50 42.21	107.84
23 21 13 23-0641 EA 4", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	259.16 63.97 54.53	142.21
23 21 13 23-0642 EA 6", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	393.96 96.99 83.41	215.68
23 21 13 23-0643 EA 8", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	447.40 101.02 112.82	224.66
23 21 13 23-0644 EA 10", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	584.05 126.71 157.53	281.68
23 21 13 23-0645 EA 12", 150 LB, Welded Plain End Black Steel Neck Flange..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	714.96 143.76 215.34	319.63

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0646	EA	14" , 150 LB, Welded Plain End Black Steel Neck Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	937.40 173.85 311.37	386.53
23 21	13 23-0647	EA	16", 150 LB, Welded Plain End Black Steel Neck Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,232.65 202.05 462.13	449.21
23 21	13 23-0648	EA	18", 150 LB, Welded Plain End Black Steel Neck Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,531.38 226.54 622.67	503.65
23 21	13 23-0649	EA	20", 150 LB, Welded Plain End Black Steel Neck Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,941.60 287.53 788.86	639.27
23 21	13 23-0650	EA	24", 150 LB, Welded Plain End Black Steel Neck Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	2,205.79 311.49 926.27	692.55
23 21	13 23-0651		150 LB, Welded Black Steel Slip-On Flanges <small>(23 21 13 23-0393)</small> Note: Excludes bolt and gasket sets See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21	13 23-0652	EA	2", 150 LB, Welded Black Steel Slip-On Flanges <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	112.18 27.06 29.25	75.57
23 21	13 23-0653	EA	2-1/2", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	138.46 33.08 36.97	94.31
23 21	13 23-0654	EA	3", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	163.49 39.09 43.56	107.84
23 21	13 23-0655	EA	4", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	215.68 51.11 58.66	142.21
23 21	13 23-0656	EA	6", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	320.26 75.17 89.05	215.68
23 21	13 23-0657	EA	8", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	412.75 92.01 127.65	224.66
23 21	13 23-0658	EA	10", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	566.45 115.01 205.03	281.68
23 21	13 23-0659	EA	12", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	748.92 138.02 308.29	319.63
23 21	13 23-0660	EA	14", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	958.76 161.02 436.19	386.53
23 21	13 23-0661	EA	16", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,162.46 178.27 573.81	449.21
23 21	13 23-0662	EA	18", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,288.86 195.52 641.85	503.65
23 21	13 23-0663	EA	20", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,433.43 212.77 726.25	639.27
23 21	13 23-0664	EA	24", 150 LB, Welded Black Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,637.95 247.28 818.88	692.55
23 21	13 23-0665		150 LB, Forged Steel Blind Flanges <small>(23 21 13 23-0393)</small>		
23 21	13 23-0666	EA	2", 150 LB, Forged Steel Blind Flange <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	73.93 16.08 56.81 21.89	26.80
23 21	13 23-0667	EA	2-1/2", 150 LB, Forged Steel Blind Flange <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	97.28 19.30 88.73 33.11	32.16
23 21	13 23-0668	EA	3", 150 LB, Forged Steel Blind Flange <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	119.85 25.73 94.66 36.27	42.89
23 21	13 23-0669	EA	4", 150 LB, Forged Steel Blind Flange <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	154.20 32.17 128.84 48.84	53.61
23 21	13 23-0670	EA	6", 150 LB, Forged Steel Blind Flange <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	210.56 41.81 191.74 71.58	69.70
23 21	13 23-0671	EA	8", 150 LB, Forged Steel Blind Flange <i>For Work In Restricted Working Space, Add</i> <i>For 600 LB Rating, Add</i> <i>For 300 LB Rating, Add</i>	273.75 48.25 295.13 107.22	80.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0672 EA 10", 150 LB, Forged Steel Blind Flange.....	413.49	96.49
<i>For Work In Restricted Working Space, Add</i>	57.90	
<i>For 600 LB Rating, Add</i>	558.15	
<i>For 300 LB Rating, Add</i>	196.66	
23 21 13 23-0673 EA 12", 150 LB, Forged Steel Blind Flange.....	537.25	112.58
<i>For Work In Restricted Working Space, Add</i>	67.55	
<i>For 600 LB Rating, Add</i>	782.79	
<i>For 300 LB Rating, Add</i>	273.31	
23 21 13 23-0674 EA 14", 150 LB, Forged Steel Blind Flange.....	899.90	128.67
<i>For Work In Restricted Working Space, Add</i>	77.20	
<i>For 300 LB Rating, Add</i>	541.08	
23 21 13 23-0675 EA 16", 150 LB, Forged Steel Blind Flange.....	966.80	144.74
<i>For Work In Restricted Working Space, Add</i>	86.84	
<i>For 300 LB Rating, Add</i>	572.25	
23 21 13 23-0676 EA 18", 150 LB, Forged Steel Blind Flange.....	1,089.48	176.91
<i>For Work In Restricted Working Space, Add</i>	106.15	
<i>For 300 LB Rating, Add</i>	625.68	
23 21 13 23-0677 EA 20", 150 LB, Forged Steel Blind Flange.....	1,393.23	192.99
<i>For Work In Restricted Working Space, Add</i>	115.80	
<i>For 300 LB Rating, Add</i>	846.32	
23 21 13 23-0678 EA 24", 150 LB, Forged Steel Blind Flange.....	1,892.34	225.16
<i>For Work In Restricted Working Space, Add</i>	135.09	
<i>For 300 LB Rating, Add</i>	1,200.91	
23 21 13 23-0679 3,000 LB, Forge Steel Thread-O-Lets (23 21 13 23-0393)		
23 21 13 23-0680 EA 1/2", 3,000 LB, Forge Steel Thread-O-Let.....	69.58	
<i>For Work In Restricted Working Space, Add</i>	18.94	
23 21 13 23-0681 EA 3/4", 3,000 LB, Forge Steel Thread-O-Let.....	73.71	
<i>For Work In Restricted Working Space, Add</i>	19.85	
23 21 13 23-0682 EA 1", 3,000 LB, Forge Steel Thread-O-Let.....	78.63	
<i>For Work In Restricted Working Space, Add</i>	21.05	
23 21 13 23-0683 EA 1-1/4", 3,000 LB, Forge Steel Thread-O-Let.....	87.20	
<i>For Work In Restricted Working Space, Add</i>	22.55	
23 21 13 23-0684 EA 1-1/2", 3,000 LB, Forge Steel Thread-O-Let.....	97.82	
<i>For Work In Restricted Working Space, Add</i>	25.56	
23 21 13 23-0685 EA 2", 3,000 LB, Forge Steel Thread-O-Let.....	126.40	
<i>For Work In Restricted Working Space, Add</i>	33.41	
23 21 13 23-0686 EA 2-1/2", 3,000 LB, Forge Steel Thread-O-Let.....	197.75	
<i>For Work In Restricted Working Space, Add</i>	42.95	
23 21 13 23-0687 EA 3", 3,000 LB, Forge Steel Thread-O-Let.....	272.65	
<i>For Work In Restricted Working Space, Add</i>	60.13	
23 21 13 23-0688 EA 4", 3,000 LB, Forge Steel Thread-O-Let.....	363.40	
<i>For Work In Restricted Working Space, Add</i>	75.17	
23 21 13 23-0689 3,000 LB, Forge Steel Weld-O-Lets (23 21 13 23-0393)		
23 21 13 23-0690 EA 1/2", 3,000 LB, Forge Steel Weld-O-Let.....	87.15	
<i>For Work In Restricted Working Space, Add</i>	21.86	
23 21 13 23-0691 EA 3/4", 3,000 LB, Forge Steel Weld-O-Let.....	93.13	
<i>For Work In Restricted Working Space, Add</i>	22.91	
23 21 13 23-0692 EA 1", 3,000 LB, Forge Steel Weld-O-Let.....	98.97	
<i>For Work In Restricted Working Space, Add</i>	24.05	
23 21 13 23-0693 EA 1-1/4", 3,000 LB, Forge Steel Weld-O-Let.....	115.76	
<i>For Work In Restricted Working Space, Add</i>	26.73	
23 21 13 23-0694 EA 1-1/2", 3,000 LB, Forge Steel Weld-O-Let.....	128.22	
<i>For Work In Restricted Working Space, Add</i>	30.07	
23 21 13 23-0695 EA 2", 3,000 LB, Forge Steel Weld-O-Let.....	171.36	
<i>For Work In Restricted Working Space, Add</i>	40.08	
23 21 13 23-0696 EA 2-1/2", 3,000 LB, Forge Steel Weld-O-Let.....	281.33	
<i>For Work In Restricted Working Space, Add</i>	48.11	
23 21 13 23-0697 EA 3", 3,000 LB, Forge Steel Weld-O-Let.....	370.50	
<i>For Work In Restricted Working Space, Add</i>	63.14	
23 21 13 23-0698 EA 4", 3,000 LB, Forge Steel Weld-O-Let.....	517.41	
<i>For Work In Restricted Working Space, Add</i>	80.19	
23 21 13 23-0699 EA 6", 3,000 LB, Forge Steel Weld-O-Let.....	732.63	
<i>For Work In Restricted Working Space, Add</i>	120.27	
23 21 13 23-0700 EA 8", 3,000 LB, Forge Steel Weld-O-Let.....	1,162.20	
<i>For Work In Restricted Working Space, Add</i>	160.35	
23 21 13 23-0701 EA 10", 3,000 LB, Forge Steel Weld-O-Let.....	1,509.23	
<i>For Work In Restricted Working Space, Add</i>	185.03	
23 21 13 23-0702 EA 12", 3,000 LB, Forge Steel Weld-O-Let.....	2,424.07	
<i>For Work In Restricted Working Space, Add</i>	218.68	
23 21 13 23-0703 3,000 LB, Forge Steel Sock-O-Lets (23 21 13 23-0393)		
23 21 13 23-0704 EA 1/2", 3,000 LB, Forge Steel Sock-O-Let.....	100.71	
<i>For Work In Restricted Working Space, Add</i>	26.13	
23 21 13 23-0705 EA 3/4", 3,000 LB, Forge Steel Sock-O-Let.....	107.29	
<i>For Work In Restricted Working Space, Add</i>	27.39	
23 21 13 23-0706 EA 1", 3,000 LB, Forge Steel Sock-O-Let.....	114.74	
<i>For Work In Restricted Working Space, Add</i>	29.05	
23 21 13 23-0707 EA 1-1/4", 3,000 LB, Forge Steel Sock-O-Let.....	129.15	
<i>For Work In Restricted Working Space, Add</i>	31.12	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0708	EA	1-1/2", 3,000 LB, Forge Steel Sock-O-Let <i>For Work In Restricted Working Space, Add</i>	144.24 35.27	
23 21	13 23-0709	EA	2", 3,000 LB, Forge Steel Sock-O-Let..... <i>For Work In Restricted Working Space, Add</i>	186.96 46.09	
23 21	13 23-0710	EA	2-1/2", 3,000 LB, Forge Steel Sock-O-Let <i>For Work In Restricted Working Space, Add</i>	312.86 59.26	
23 21	13 23-0711	EA	3", 3,000 LB, Forge Steel Sock-O-Let..... <i>For Work In Restricted Working Space, Add</i>	429.19 82.98	
23 21	13 23-0712	EA	4", 3,000 LB, Forge Steel Sock-O-Let..... <i>For Work In Restricted Working Space, Add</i>	584.22 103.73	
23 21	13 23-0713		Class 150 Flange, Steel Bolt And Gasket Sets (23 21 13 23-0393) Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21	13 23-0714	EA	3/4" To 1-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set Note: Includes rubber gasket, and four (4) 1/2" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	15.98 4.47 6.39 11.19	
23 21	13 23-0715	EA	2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	20.30 5.68 8.12 14.21	
23 21	13 23-0716	EA	2-1/2" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	20.52 5.75 8.21 14.36	
23 21	13 23-0717	EA	3" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	20.62 5.77 8.25 14.43	
23 21	13 23-0718	EA	4" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	46.11 12.91 18.44 32.28	
23 21	13 23-0719	EA	5" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	65.84 18.44 26.34 46.09	
23 21	13 23-0720	EA	6" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	71.20 19.94 28.48 49.84	
23 21	13 23-0721	EA	8" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	78.04 21.85 31.22 54.63	
23 21	13 23-0722	EA	10" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	172.54 48.31 69.02 120.78	
23 21	13 23-0723	EA	12" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	175.85 49.24 70.34 123.10	
23 21	13 23-0724	EA	14" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twelve (12) 1" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	197.23 55.22 78.89 138.06	
23 21	13 23-0725	EA	16" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	327.63 91.74 131.05 229.34	
23 21	13 23-0726	EA	18" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	472.40 132.27 188.96 330.68	
23 21	13 23-0727	EA	20" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set..... Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut. <i>For Zinc Plated, Add</i> <i>For Hot Dip Galvanized, Add</i> <i>For Advanced Fluoropolymer (Blue Coating), Add</i>	596.84 167.12 238.74 417.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0728 EA 24" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	850.63	
Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	238.18	
For Hot Dip Galvanized, Add	340.25	
For Advanced Fluoropolymer (Blue Coating), Add	595.44	
23 21 13 23-0729 EA 30" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	1,342.85	
Note: Includes rubber gasket, and twenty-eight (28) 1-1/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	376.00	
For Hot Dip Galvanized, Add	537.14	
For Advanced Fluoropolymer (Blue Coating), Add	940.00	
23 21 13 23-0730 EA 36" Pipe Diameter, Class 150 Steel Flange, Bolt And Gasket Set.....	1,910.97	
Note: Includes rubber gasket, and thirty-two (32) 1-1/2" diameter bolts with washers and nut.		
For Zinc Plated, Add	535.07	
For Hot Dip Galvanized, Add	764.39	
For Advanced Fluoropolymer (Blue Coating), Add	1,337.68	
23 21 13 23-0731 Class 300 Flange, Steel Bolt And Gasket Sets <small>(23 21 13 23-0393)</small>		
Note: Used between weld neck or slip-on flanges and valves, or equipment with bolt connections, or between two bolted valves. Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets.		
23 21 13 23-0732 EA 3/4" To 1-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	25.62	
Note: Includes rubber gasket, and four (4) 5/8" diameter bolts with washers and nut.		
For Zinc Plated, Add	7.17	
For Hot Dip Galvanized, Add	10.25	
For Advanced Fluoropolymer (Blue Coating), Add	17.93	
23 21 13 23-0733 EA 2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	47.02	
Note: Includes rubber gasket, and eight (8) 5/8" diameter bolts with washers and nut.		
For Zinc Plated, Add	13.17	
For Hot Dip Galvanized, Add	18.81	
For Advanced Fluoropolymer (Blue Coating), Add	32.91	
23 21 13 23-0734 EA 2-1/2" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	73.20	
Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	20.50	
For Hot Dip Galvanized, Add	29.28	
For Advanced Fluoropolymer (Blue Coating), Add	51.24	
23 21 13 23-0735 EA 3" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	79.53	
Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	22.27	
For Hot Dip Galvanized, Add	31.81	
For Advanced Fluoropolymer (Blue Coating), Add	55.67	
23 21 13 23-0736 EA 4" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	81.19	
Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	22.73	
For Hot Dip Galvanized, Add	32.48	
For Advanced Fluoropolymer (Blue Coating), Add	56.83	
23 21 13 23-0737 EA 5" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	87.37	
Note: Includes rubber gasket, and eight (8) 3/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	24.46	
For Hot Dip Galvanized, Add	34.95	
For Advanced Fluoropolymer (Blue Coating), Add	61.16	
23 21 13 23-0738 EA 6" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	125.72	
Note: Includes rubber gasket, and twelve (12) 3/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	35.20	
For Hot Dip Galvanized, Add	50.29	
For Advanced Fluoropolymer (Blue Coating), Add	88.00	
23 21 13 23-0739 EA 8" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	195.01	
Note: Includes rubber gasket, and twelve (12) 7/8" diameter bolts with washers and nut.		
For Zinc Plated, Add	54.60	
For Hot Dip Galvanized, Add	78.00	
For Advanced Fluoropolymer (Blue Coating), Add	136.51	
23 21 13 23-0740 EA 10" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	356.64	
Note: Includes rubber gasket, and sixteen (16) 1" diameter bolts with washers and nut.		
For Zinc Plated, Add	99.86	
For Hot Dip Galvanized, Add	142.66	
For Advanced Fluoropolymer (Blue Coating), Add	249.65	
23 21 13 23-0741 EA 12" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	514.42	
Note: Includes rubber gasket, and sixteen (16) 1-1/8" diameter bolts with washers and nut.		
For Zinc Plated, Add	144.04	
For Hot Dip Galvanized, Add	205.77	
For Advanced Fluoropolymer (Blue Coating), Add	360.09	
23 21 13 23-0742 EA 14" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	703.91	
Note: Includes rubber gasket, and twenty (20) 1-1/8" diameter bolts with washers and nut.		
For Zinc Plated, Add	197.09	
For Hot Dip Galvanized, Add	281.56	
For Advanced Fluoropolymer (Blue Coating), Add	492.74	
23 21 13 23-0743 EA 16" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	971.58	
Note: Includes rubber gasket, and twenty (20) 1-1/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	272.04	
For Hot Dip Galvanized, Add	388.63	
For Advanced Fluoropolymer (Blue Coating), Add	680.11	
23 21 13 23-0744 EA 18" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	1,247.88	
Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
For Zinc Plated, Add	349.41	
For Hot Dip Galvanized, Add	499.15	
For Advanced Fluoropolymer (Blue Coating), Add	873.52	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0745	EA	20" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	1,324.49	
			Note: Includes rubber gasket, and twenty-four (24) 1-1/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	370.86	
			For Hot Dip Galvanized, Add	529.80	
			For Advanced Fluoropolymer (Blue Coating), Add	927.14	
23 21	13 23-0746	EA	24" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	1,679.36	
			Note: Includes rubber gasket, and twenty-four (24) 1-1/2" diameter bolts with washers and nut.		
			For Zinc Plated, Add	470.22	
			For Hot Dip Galvanized, Add	671.74	
			For Advanced Fluoropolymer (Blue Coating), Add	1,175.55	
23 21	13 23-0747	EA	30" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	2,637.87	
			Note: Includes rubber gasket, and twenty-eight (28) 1-3/4" diameter bolts with washers and nut.		
			For Zinc Plated, Add	738.60	
			For Hot Dip Galvanized, Add	1,055.15	
			For Advanced Fluoropolymer (Blue Coating), Add	1,846.51	
23 21	13 23-0748	EA	36" Pipe Diameter, Class 300 Steel Flange, Bolt And Gasket Set.....	3,999.04	
			Note: Includes rubber gasket, and thirty-two (32) 2" diameter bolts with washers and nut.		
			For Zinc Plated, Add	1,119.73	
			For Hot Dip Galvanized, Add	1,599.62	
			For Advanced Fluoropolymer (Blue Coating), Add	2,799.33	
23 21	13 23-0749		150 LB, Rubber Flange Gasket Replacement <small>(23 21 13 23-0393)</small>		
			Note: Includes unbolting, removal of old gaskets, new 150 LB rubber gasket and rebolting.		
23 21	13 23-0750	EA	1/2", 150 LB, Rubber Flange Gasket Replacement	30.24	
			For Work In Restricted Working Space, Add	8.89	
			For 300 LB Rating Gasket Set, Add	0.21	
23 21	13 23-0751	EA	3/4", 150 LB, Rubber Flange Gasket Replacement	32.41	
			For Work In Restricted Working Space, Add	9.48	
			For 300 LB Rating Gasket Set, Add	0.28	
23 21	13 23-0752	EA	1", 150 LB, Rubber Flange Gasket Replacement	35.98	
			For Work In Restricted Working Space, Add	10.37	
			For 300 LB Rating Gasket Set, Add	0.50	
23 21	13 23-0753	EA	1-1/4", 150 LB, Rubber Flange Gasket Replacement	39.15	
			For Work In Restricted Working Space, Add	11.26	
			For 300 LB Rating Gasket Set, Add	0.57	
23 21	13 23-0754	EA	1-1/2", 150 LB, Rubber Flange Gasket Replacement	43.51	
			For Work In Restricted Working Space, Add	12.44	
			For 300 LB Rating Gasket Set, Add	0.71	
23 21	13 23-0755	EA	2", 150 LB, Rubber Flange Gasket Replacement	48.27	
			For Work In Restricted Working Space, Add	13.63	
			For 300 LB Rating Gasket Set, Add	0.99	
23 21	13 23-0756	EA	2-1/2", 150 LB, Rubber Flange Gasket Replacement	57.18	
			For Work In Restricted Working Space, Add	16.00	
			For 300 LB Rating Gasket Set, Add	1.35	
23 21	13 23-0757	EA	3", 150 LB, Rubber Flange Gasket Replacement	60.75	
			For Work In Restricted Working Space, Add	16.89	
			For 300 LB Rating Gasket Set, Add	1.56	
23 21	13 23-0758	EA	4", 150 LB, Rubber Flange Gasket Replacement	81.37	
			For Work In Restricted Working Space, Add	22.22	
			For 300 LB Rating Gasket Set, Add	2.56	
23 21	13 23-0759	EA	5", 150 LB, Rubber Flange Gasket Replacement	94.03	
			For Work In Restricted Working Space, Add	25.78	
			For 300 LB Rating Gasket Set, Add	2.84	
23 21	13 23-0760	EA	6", 150 LB, Rubber Flange Gasket Replacement	108.31	
			For Work In Restricted Working Space, Add	29.33	
			For 300 LB Rating Gasket Set, Add	3.69	
23 21	13 23-0761	EA	8", 150 LB, Rubber Flange Gasket Replacement	133.91	
			For Work In Restricted Working Space, Add	35.55	
			For 300 LB Rating Gasket Set, Add	5.39	
23 21	13 23-0762	EA	10", 150 LB, Rubber Flange Gasket Replacement	148.30	
			For Work In Restricted Working Space, Add	37.92	
			For 300 LB Rating Gasket Set, Add	7.66	
23 21	13 23-0763	EA	12", 150 LB, Rubber Flange Gasket Replacement	171.16	
			For Work In Restricted Working Space, Add	42.96	
			For 300 LB Rating Gasket Set, Add	9.79	
23 21	13 23-0764	EA	14", 150 LB, Rubber Flange Gasket Replacement	181.58	
			For Work In Restricted Working Space, Add	44.44	
			For 300 LB Rating Gasket Set, Add	11.70	
23 21	13 23-0765	EA	16", 150 LB, Rubber Flange Gasket Replacement	234.80	
			For Work In Restricted Working Space, Add	59.25	
			For 300 LB Rating Gasket Set, Add	13.05	
23 21	13 23-0766	EA	18", 150 LB, Rubber Flange Gasket Replacement	255.18	
			For Work In Restricted Working Space, Add	64.88	
			For 300 LB Rating Gasket Set, Add	13.62	
23 21	13 23-0767	EA	20", 150 LB, Rubber Flange Gasket Replacement	305.40	
			For Work In Restricted Working Space, Add	79.10	
			For 300 LB Rating Gasket Set, Add	14.61	
23 21	13 23-0768		150 LB, Spiral Wound Metal Flange Gasket Replacement <small>(23 21 13 23-0393)</small>		
			Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (1/8" thick carbon steel outer ring with spiral wound 304 stainless steel inner ring) and rebolting.		
23 21	13 23-0769	EA	1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	33.72	
			For Work In Restricted Working Space, Add	8.89	
			For 300 Lb., Add	0.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0770 EA 3/4", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	35.76	
<i>For Work In Restricted Working Space, Add</i>	9.48	
<i>For 300 Lb., Add</i>	0.31	
23 21 13 23-0771 EA 1", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	38.76	
<i>For Work In Restricted Working Space, Add</i>	10.37	
<i>For 300 Lb., Add</i>	0.32	
23 21 13 23-0772 EA 1-1/4", 150 LB, Spiral Wound Metal Flange Gasket Replacement	42.37	
<i>For Work In Restricted Working Space, Add</i>	11.26	
<i>For 300 Lb., Add</i>	0.36	
23 21 13 23-0773 EA 1-1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement	46.42	
<i>For Work In Restricted Working Space, Add</i>	12.44	
<i>For 300 Lb., Add</i>	0.37	
23 21 13 23-0774 EA 2", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	50.59	
<i>For Work In Restricted Working Space, Add</i>	13.63	
<i>For 300 Lb., Add</i>	0.39	
23 21 13 23-0775 EA 2-1/2", 150 LB, Spiral Wound Metal Flange Gasket Replacement	58.95	
<i>For Work In Restricted Working Space, Add</i>	16.00	
<i>For 300 Lb., Add</i>	0.42	
23 21 13 23-0776 EA 3", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	62.36	
<i>For Work In Restricted Working Space, Add</i>	16.89	
<i>For 300 Lb., Add</i>	0.46	
23 21 13 23-0777 EA 4", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	81.83	
<i>For Work In Restricted Working Space, Add</i>	22.22	
<i>For 300 Lb., Add</i>	0.58	
23 21 13 23-0778 EA 5", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	95.50	
<i>For Work In Restricted Working Space, Add</i>	25.77	
<i>For 300 Lb., Add</i>	0.72	
23 21 13 23-0779 EA 6", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	108.42	
<i>For Work In Restricted Working Space, Add</i>	29.33	
<i>For 300 Lb., Add</i>	0.80	
23 21 13 23-0780 EA 8", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	131.23	
<i>For Work In Restricted Working Space, Add</i>	35.56	
<i>For 300 Lb., Add</i>	0.95	
23 21 13 23-0781 EA 10", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	143.92	
<i>For Work In Restricted Working Space, Add</i>	37.92	
<i>For 300 Lb., Add</i>	1.31	
23 21 13 23-0782 EA 12", 150 LB, Spiral Wound Metal Flange Gasket Replacement.....	169.59	
<i>For Work In Restricted Working Space, Add</i>	42.96	
<i>For 300 Lb., Add</i>	1.98	
23 21 13 23-0783 150 LB, Flexible Graphite Flange Gasket Replacement <small>(23 21 13 23-0393)</small>		
Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (flexible graphite outer ring with 316 stainless steel inner ring) and rebolting.		
23 21 13 23-0784 EA 1/2", 150 LB, Flexible Graphite Flange Gasket Replacement.....	30.45	
<i>For Work In Restricted Working Space, Add</i>	8.89	
23 21 13 23-0785 EA 3/4", 150 LB, Flexible Graphite Flange Gasket Replacement.....	32.96	
<i>For Work In Restricted Working Space, Add</i>	9.48	
23 21 13 23-0786 EA 1", 150 LB, Flexible Graphite Flange Gasket Replacement.....	36.12	
<i>For Work In Restricted Working Space, Add</i>	10.37	
23 21 13 23-0787 EA 1-1/4", 150 LB, Flexible Graphite Flange Gasket Replacement.....	39.75	
<i>For Work In Restricted Working Space, Add</i>	11.26	
23 21 13 23-0788 EA 1-1/2", 150 LB, Flexible Graphite Flange Gasket Replacement.....	43.85	
<i>For Work In Restricted Working Space, Add</i>	12.44	
23 21 13 23-0789 EA 2", 150 LB, Flexible Graphite Flange Gasket Replacement.....	48.54	
<i>For Work In Restricted Working Space, Add</i>	13.63	
23 21 13 23-0790 EA 2-1/2", 150 LB, Flexible Graphite Flange Gasket Replacement.....	57.53	
<i>For Work In Restricted Working Space, Add</i>	16.00	
23 21 13 23-0791 EA 3", 150 LB, Flexible Graphite Flange Gasket Replacement.....	60.71	
<i>For Work In Restricted Working Space, Add</i>	16.89	
23 21 13 23-0792 EA 4", 150 LB, Flexible Graphite Flange Gasket Replacement.....	81.23	
<i>For Work In Restricted Working Space, Add</i>	22.22	
23 21 13 23-0793 EA 5", 150 LB, Flexible Graphite Flange Gasket Replacement.....	94.45	
<i>For Work In Restricted Working Space, Add</i>	25.77	
23 21 13 23-0794 EA 6", 150 LB, Flexible Graphite Flange Gasket Replacement.....	107.29	
<i>For Work In Restricted Working Space, Add</i>	29.33	
23 21 13 23-0795 EA 8", 150 LB, Flexible Graphite Flange Gasket Replacement.....	134.52	
<i>For Work In Restricted Working Space, Add</i>	35.56	
23 21 13 23-0796 EA 10", 150 LB, Flexible Graphite Flange Gasket Replacement.....	149.62	
<i>For Work In Restricted Working Space, Add</i>	37.92	
23 21 13 23-0797 EA 12", 150 LB, Flexible Graphite Flange Gasket Replacement.....	171.91	
<i>For Work In Restricted Working Space, Add</i>	42.96	
23 21 13 23-0798 150 LB, Teflon, Spiral Wound, Flange Gasket Replacement <small>(23 21 13 23-0393)</small>		
Note: Includes unbolting, removal of old gaskets, new 150 LB spiral wound metal flange gasket (teflon outer ring with 304 stainless steel inner ring) and rebolting.		
23 21 13 23-0799 EA 1/2", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	49.48	
<i>For Work In Restricted Working Space, Add</i>	8.89	
23 21 13 23-0800 EA 3/4", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	52.81	
<i>For Work In Restricted Working Space, Add</i>	9.48	
23 21 13 23-0801 EA 1", 150 LB Teflon, Spiral Wound, Flange Gasket Replacement	57.15	
<i>For Work In Restricted Working Space, Add</i>	10.37	
23 21 13 23-0802 EA 1-1/4", Teflon, Spiral Wound, Flange Gasket Replacement.....	64.88	
<i>For Work In Restricted Working Space, Add</i>	11.26	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0803	EA	1-1/2"	Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	69.75 12.44	
23 21 13 23-0804	EA	2"	Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	76.05 13.63	
23 21 13 23-0805	EA	2-1/2"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement <i>For Work In Restricted Working Space, Add</i>	88.33 16.00	
23 21 13 23-0806	EA	3"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	100.70 16.89	
23 21 13 23-0807	EA	4"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	126.95 22.22	
23 21 13 23-0808	EA	5"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	151.80 25.77	
23 21 13 23-0809	EA	6"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	199.87 29.33	
23 21 13 23-0810	EA	8"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	219.36 35.56	
23 21 13 23-0811	EA	10"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	250.44 37.92	
23 21 13 23-0812	EA	12"	150 LB Teflon, Spiral Wound, Flange Gasket Replacement..... <i>For Work In Restricted Working Space, Add</i>	330.54 42.96	
23 21 13 23-0813			Cut And Prepare For Welding Existing In-Place Black Steel Pipe (23 21 13 23-0393)		
			Note: For use when connecting pipe to an existing in-place system.		
23 21 13 23-0814	EA	1/2"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	21.44 6.43	
23 21 13 23-0815	EA	3/4"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	23.15 6.95	
23 21 13 23-0816	EA	1"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	26.04 7.81	
23 21 13 23-0817	EA	1-1/4"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	27.33 8.20	
23 21 13 23-0818	EA	1-1/2"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	28.93 8.68	
23 21 13 23-0819	EA	2"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	31.08 9.32	
23 21 13 23-0820	EA	2-1/2"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	33.23 9.97	
23 21 13 23-0821	EA	3"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	36.44 10.93	
23 21 13 23-0822	EA	4"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	39.65 11.90	
23 21 13 23-0823	EA	6"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	42.87 12.86	
23 21 13 23-0824	EA	8"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	46.08 13.82	
23 21 13 23-0825	EA	10"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	50.37 15.11	
23 21 13 23-0826	EA	12"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	54.66 16.40	
23 21 13 23-0827	EA	14"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	58.95 17.69	
23 21 13 23-0828	EA	16"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	63.23 18.97	
23 21 13 23-0829	EA	18"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	66.45 19.94	
23 21 13 23-0830	EA	20"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	69.66 20.90	
23 21 13 23-0831	EA	24"	Cut And Prepare For Welding Existing In Place Black Steel Pipe <i>For Work In Restricted Working Space, Add</i>	73.95 22.19	
23 21 13 23-0832			Welded Plain End Electric Resistance Black Steel Pipe (23 21 13 23-0393)		
			Note: ASTM A-135.		
23 21 13 23-0833	LF	2"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	30.50 5.41	11.02
23 21 13 23-0834	LF	2-1/2"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	37.17 5.41	12.03
23 21 13 23-0835	LF	3"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	41.27 5.31	11.82
23 21 13 23-0836	LF	4"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	51.01 6.76	15.04
23 21 13 23-0837	LF	6"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	88.52 10.00	22.25
23 21 13 23-0838	LF	8.322"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	117.16 11.79	26.16
23 21 13 23-0839	LF	10.365"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	164.57 14.66	32.59
23 21 13 23-0840	LF	12.375"	Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings..... <i>For Work In Restricted Working Space, Add</i>	200.40 17.67	39.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0841 LF 14.375" Electric Resistance Weld Black Pipe, Plain End Schedule 40 ASTM A-135, Not Including Hangers Or Fittings <i>For Work In Restricted Working Space, Add</i>	254.01 22.94	50.98
23 21 13 23-0842 Flanged Steel Fittings <small>(23 21 13 23)</small> See CSI section 23 21 13 23-0394 for steel pipe, 23 21 13 23-0637 for welded neck flange ends.		
23 21 13 23-0843 Flanged Steel Fittings, Standard Weight <small>(23 21 13 23-0842)</small> Note: Flanged equipment, flanged fittings and flanged valves exclude bolt and gasket sets. See CSI section 23 21 13 23-0713 for Class 150 steel bolt and gasket set.		
23 21 13 23-0844 Flanged Steel, 90 Degree Elbows <small>(23 21 13 23-0843)</small>		
23 21 13 23-0845 EA 2" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	544.58 380.39 570.59	46.09
23 21 13 23-0846 EA 2-1/2" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	607.43 424.35 636.53	51.33
23 21 13 23-0847 EA 3" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	600.99 412.89 619.33	56.65
23 21 13 23-0848 EA 4" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	765.34 533.31 799.97	65.83
23 21 13 23-0849 EA 5" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,078.24 774.16 1,161.24	73.72
23 21 13 23-0850 EA 6" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,136.62 806.66 1,209.98	85.57
23 21 13 23-0851 EA 8" Standard Weight, Flanged Steel, 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,448.38 1,045.01 1,567.51	94.75
23 21 13 23-0852 Flanged Steel, Reducing 90 Degree Elbows <small>(23 21 13 23-0843)</small>		
23 21 13 23-0853 EA 2-1/2" x 2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,033.57 768.42 1,152.64	48.76
23 21 13 23-0854 EA 3" x 2-1/2" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,074.91 795.18 1,192.78	53.99
23 21 13 23-0855 EA 4" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,341.44 999.72 1,499.58	61.19
23 21 13 23-0856 EA 5" x 3" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,665.15 1,253.95 1,880.93	65.15
23 21 13 23-0857 EA 6" x 4" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,895.99 1,425.98 2,138.98	75.70
23 21 13 23-0858 EA 8" x 6" Standard Weight, Flanged Steel, Reducing 90 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,651.24 2,012.82 3,019.22	90.21
23 21 13 23-0859 Flanged Steel, 45 Degree Elbows <small>(23 21 13 23-0843)</small>		
23 21 13 23-0860 EA 2" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	716.61 518.02 777.02	46.09
23 21 13 23-0861 EA 2-1/2" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	746.02 535.22 802.84	51.33
23 21 13 23-0862 EA 3" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	773.02 550.51 825.77	56.65
23 21 13 23-0863 EA 4" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	966.05 693.88 1,040.82	65.83
23 21 13 23-0864 EA 5" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,403.20 1,034.13 1,551.19	73.72
23 21 13 23-0865 EA 6" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,361.22 986.34 1,479.50	85.57
23 21 13 23-0866 EA 8" Standard Weight, Flanged Steel, 45 Degree Elbow <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,608.33 1,172.97 1,759.45	94.75
23 21 13 23-0867 Flanged Steel, Tees <small>(23 21 13 23-0843)</small>		
23 21 13 23-0868 EA 2" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	693.81 472.14 708.22	69.09

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0869	EA		2-1/2" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	901.58 628.89 943.33	76.99
23 21 13 23-0870	EA		3" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	815.48 550.53 825.79	84.88
23 21 13 23-0871	EA		4" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,175.45 821.93 1,232.89	98.80
23 21 13 23-0872	EA		5" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,762.80 1,277.59 1,916.39	110.64
23 21 13 23-0873	EA		6" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,154.45 1,569.60 2,354.40	128.41
23 21 13 23-0874	EA		8" Standard Weight, Flanged Steel, Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,382.37 1,727.46 2,591.18	148.74
23 21 13 23-0875			Flanged Steel, Reducing Tees (23 21 13 23-0843)		
23 21 13 23-0876	EA		2-1/2" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,112.68 800.92 1,201.38	74.42
23 21 13 23-0877	EA		3" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,287.01 930.90 1,396.36	82.31
23 21 13 23-0878	EA		4" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,236.48 1,676.27 2,514.41	94.15
23 21 13 23-0879	EA		5" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,415.18 1,804.23 2,706.35	106.69
23 21 13 23-0880	EA		6" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	3,041.34 2,286.22 3,429.32	122.49
23 21 13 23-0881	EA		8" Standard Weight, Flanged Steel, Reducing Tee..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	3,804.69 2,878.74 4,318.10	137.59
23 21 13 23-0882			Flanged Steel, Concentric Reducers (23 21 13 23-0843)		
23 21 13 23-0883	EA		3" x 2-1/2" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,060.58 783.72 1,175.58	53.99
23 21 13 23-0884	EA		4" x 3" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,205.24 890.76 1,336.14	61.19
23 21 13 23-0885	EA		5" x 4" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,798.70 1,355.26 2,032.90	69.78
23 21 13 23-0886	EA		6" x 4" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,984.40 1,496.71 2,245.07	75.70
23 21 13 23-0887	EA		8" x 6" Standard Weight, Flanged Steel, Concentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	2,323.90 1,750.94 2,626.42	90.21
23 21 13 23-0888			Flanged Steel, Eccentric Reducers (23 21 13 23-0843)		
23 21 13 23-0889	EA		4" x 3" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,145.03 842.59 1,263.89	61.19
23 21 13 23-0890	EA		5" x 4" Standard Weight, Flanged Steel, Eccentric Reducer..... <i>For Galvanized Fittings, Add</i> <i>For Extra Heavy Weight Fittings, Add</i>	1,563.10 1,166.78 1,750.18	69.78
23 21 13 23-0891			Plain End Couplings And Fittings (23 21 13 23)		
			Note: For use on standard weight steel pipe (Schedule 40), but may be used on lightwall steel or other metallic pipe such as aluminum or stainless steel.		
23 21 13 23-0892			Plain End Piping System Couplings (23 21 13 23-0891)		
23 21 13 23-0893			Plainlock Plain End Piping System Couplings (23 21 13 23-0892)		
			Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0894	EA		1" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	171.50 32.52	5.93
23 21 13 23-0895	EA		1-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	174.95 32.52	8.19
23 21 13 23-0896	EA		2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	178.95 32.52	10.86
23 21 13 23-0897	EA		2-1/2" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	182.36 32.52	13.12
23 21 13 23-0898	EA		3" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	215.60 38.38	15.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0899 EA 4" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	297.48 53.18	21.03
23 21 13 23-0900 EA 6" Plainlock Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	500.32 89.80	34.25
23 21 13 23-0901 Roust-A-Bout Plain End Piping System Couplings (23 21 13 23-0892) Note: Ductile iron body with gasket, bolts and nuts.		
23 21 13 23-0902 EA 1-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	206.54 48.55	8.19
23 21 13 23-0903 EA 2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	210.54 48.55	10.86
23 21 13 23-0904 EA 2-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	213.96 48.55	13.22
23 21 13 23-0905 EA 3" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	311.35 71.92	15.79
23 21 13 23-0906 EA 3-1/2" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	360.57 83.23	18.46
23 21 13 23-0907 EA 4" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	364.48 83.23	21.03
23 21 13 23-0908 EA 5" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	515.12 118.90	26.35
23 21 13 23-0909 EA 6" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	632.23 145.22	34.25
23 21 13 23-0910 EA 8" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,091.27 257.51	40.86
23 21 13 23-0911 EA 10" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,412.61 335.01	48.36
23 21 13 23-0912 EA 12" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	1,767.36 420.37	57.24
23 21 13 23-0913 EA 14" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	2,482.62 596.93	63.26
23 21 13 23-0914 EA 16" Roust-A-Bout Plain End Piping System Coupling..... <i>For Galvanized Fittings, Add</i>	3,377.07 817.45	71.56
23 21 13 23-0915 Plain End Piping System Fittings (23 21 13 23-0891) Note: Cast ductile iron bodies.		
23 21 13 23-0916 Plain End Piping System, 90 Degree Elbows (23 21 13 23-0915)		
23 21 13 23-0917 EA 1" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	169.64 30.70	10.76
23 21 13 23-0918 EA 1-1/2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	177.94 30.70	16.29
23 21 13 23-0919 EA 2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	185.77 30.70	21.52
23 21 13 23-0920 EA 2-1/2" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	192.80 30.70	26.26
23 21 13 23-0921 EA 3" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	232.02 36.88	31.78
23 21 13 23-0922 EA 4" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	331.68 53.78	41.85
23 21 13 23-0923 EA 5" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,009.31 186.15	52.40
23 21 13 23-0924 EA 6" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	842.90 148.02	68.59
23 21 13 23-0925 EA 8" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,685.27 312.62	81.42
23 21 13 23-0926 EA 10" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	2,107.24 392.92	95.14
23 21 13 23-0927 EA 12" Plain End Piping System, 90 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	2,672.75 500.28	114.29
23 21 13 23-0928 Plain End Piping System, 45 Degree Elbows (23 21 13 23-0915)		
23 21 13 23-0929 EA 1" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	169.64 30.70	10.76
23 21 13 23-0930 EA 1-1/2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	177.94 30.70	16.29
23 21 13 23-0931 EA 2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	185.77 30.70	21.52
23 21 13 23-0932 EA 2-1/2" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	192.80 30.70	26.26
23 21 13 23-0933 EA 3" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	232.02 36.88	31.78
23 21 13 23-0934 EA 4" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	331.68 53.78	41.85
23 21 13 23-0935 EA 5" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,009.31 186.15	52.40
23 21 13 23-0936 EA 6" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	845.74 148.59	68.59
23 21 13 23-0937 EA 8" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	981.03 171.78	81.42
23 21 13 23-0938 EA 10" Plain End Piping System, 45 Degree Elbow..... <i>For Galvanized Fittings, Add</i>	1,341.25 239.72	95.14

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-0939	EA	12" Plain End Piping System, 45 Degree Elbow <i>For Galvanized Fittings, Add</i>	1,719.83 309.69	114.29
23 21	13 23-0940		Plain End Piping System, Tees <small>(23 21 13 23-0915)</small>		
23 21	13 23-0941	EA	1" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	231.15 41.34	16.29
23 21	13 23-0942	EA	1-1/2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	243.38 41.34	24.47
23 21	13 23-0943	EA	2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	254.18 41.34	31.68
23 21	13 23-0944	EA	2-1/2" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	264.91 41.34	38.79
23 21	13 23-0945	EA	3" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	369.01 59.50	47.67
23 21	13 23-0946	EA	4" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	506.13 82.74	61.69
23 21	13 23-0947	EA	5" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,029.78 181.76	80.64
23 21	13 23-0948	EA	6" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,273.04 224.33	100.97
23 21	13 23-0949	EA	8" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	1,738.30 310.83	122.78
23 21	13 23-0950	EA	10" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	2,587.91 474.67	143.11
23 21	13 23-0951	EA	12" Plain End Piping System, Tee <i>For Galvanized Fittings, Add</i>	3,467.63 642.12	171.44
23 21	13 23-0952		Plain End Piping System, Reducing Tees <small>(23 21 13 23-0915)</small>		
23 21	13 23-0953	EA	1-1/2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	447.93 81.72	26.26
23 21	13 23-0954	EA	2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	456.06 81.72	31.68
23 21	13 23-0955	EA	2-1/2" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	466.79 81.72	38.79
23 21	13 23-0956	EA	3" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	480.12 81.72	47.67
23 21	13 23-0957	EA	4" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	695.63 120.64	61.69
23 21	13 23-0958	EA	6" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	1,175.72 204.87	100.97
23 21	13 23-0959	EA	8" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	1,533.14 269.80	122.78
23 21	13 23-0960	EA	10" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	2,294.26 415.94	143.11
23 21	13 23-0961	EA	12" Plain End Piping System, Reducing Tee <i>For Galvanized Fittings, Add</i>	3,383.60 625.32	171.44
23 21	13 23-0962		Plain End Piping System, Wyes <small>(23 21 13 23-0915)</small>		
23 21	13 23-0963	EA	2" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	652.96 121.10	31.68
23 21	13 23-0964	EA	2-1/2" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	663.69 121.10	38.79
23 21	13 23-0965	EA	3" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	752.14 136.12	47.67
23 21	13 23-0966	EA	4" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	1,102.67 202.05	61.69
23 21	13 23-0967	EA	5" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	1,350.32 245.87	80.64
23 21	13 23-0968	EA	6" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	1,844.25 338.57	100.97
23 21	13 23-0969	EA	8" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	2,376.52 438.48	122.78
23 21	13 23-0970	EA	10" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	3,447.50 646.59	143.11
23 21	13 23-0971	EA	12" Plain End Piping System, Wye <i>For Galvanized Fittings, Add</i>	5,240.88 996.77	171.44
23 21	13 23-0972		Plain End Piping System, Laterals <small>(23 21 13 23-0915)</small>		
23 21	13 23-0973	EA	2" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	695.78 129.66	31.68
23 21	13 23-0974	EA	2-1/2" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	706.51 129.66	38.79
23 21	13 23-0975	EA	3" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	794.68 144.63	47.67
23 21	13 23-0976	EA	4" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,183.91 218.30	61.69
23 21	13 23-0977	EA	5" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,543.80 284.57	80.64
23 21	13 23-0978	EA	6" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	1,968.74 363.47	100.97

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-0979 EA 8" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	2,833.78 529.93	122.78
23 21 13 23-0980 EA 10" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	3,954.84 748.06	143.11
23 21 13 23-0981 EA 12" Plain End Piping System, Lateral <i>For Galvanized Fittings, Add</i>	5,316.28 1,011.85	171.44
23 21 13 23-0982 Plain End Piping System, Crosses (23 21 13 23-0915)		
23 21 13 23-0983 EA 2" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	775.06 87.99	47.48
23 21 13 23-0984 EA 2-1/2" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	791.14 87.99	58.13
23 21 13 23-0985 EA 3" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	923.77 102.06	71.56
23 21 13 23-0986 EA 4" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,260.28 140.21	92.48
23 21 13 23-0987 EA 5" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	1,774.56 199.14	121.01
23 21 13 23-0988 EA 6" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	2,329.97 262.95	151.00
23 21 13 23-0989 EA 8" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	2,972.88 337.34	182.89
23 21 13 23-0990 EA 10" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	4,258.05 492.20	213.78
23 21 13 23-0991 EA 12" Plain End Piping System, Cross <i>For Galvanized Fittings, Add</i>	6,063.25 709.71	257.20
23 21 13 23-0992 Plain End Piping System, Adapter Nipples (23 21 13 23-0915)		
Note: Plain to threaded, plain to beveled or plain to grooved.		
23 21 13 23-0993 EA 1" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	73.49 16.15	5.93
23 21 13 23-0994 EA 1-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	78.73 16.60	8.19
23 21 13 23-0995 EA 2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	82.62 16.60	10.86
23 21 13 23-0996 EA 2-1/2" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	97.52 19.45	13.12
23 21 13 23-0997 EA 3" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	119.80 24.03	15.79
23 21 13 23-0998 EA 4" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	192.30 40.18	21.03
23 21 13 23-0999 EA 6" Plain End Piping System, Adapter Nipple <i>For Galvanized Fittings, Add</i>	474.13 108.66	26.35
23 21 13 23-1000 Plain End Piping System, Reducing (Swaged) Nipples (23 21 13 23-0915)		
23 21 13 23-1001 EA 1-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	238.37 54.29	14.11
23 21 13 23-1002 EA 2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	242.33 54.29	16.78
23 21 13 23-1003 EA 2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	246.32 54.29	19.44
23 21 13 23-1004 EA 2-1/2" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	245.35 54.29	18.85
23 21 13 23-1005 EA 2-1/2" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	249.23 54.29	21.42
23 21 13 23-1006 EA 2-1/2" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	253.17 54.29	23.98
23 21 13 23-1007 EA 3" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	296.97 66.12	21.71
23 21 13 23-1008 EA 3" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	300.48 66.12	23.98
23 21 13 23-1009 EA 3" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	243.39 50.85	26.65
23 21 13 23-1010 EA 3" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	251.04 50.85	31.78
23 21 13 23-1011 EA 3-1/2" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	294.52 60.81	34.25
23 21 13 23-1012 EA 4" x 1" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	412.34 92.97	26.94
23 21 13 23-1013 EA 4" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	415.80 92.97	29.31
23 21 13 23-1014 EA 4" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	329.52 70.40	31.98
23 21 13 23-1015 EA 4" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	332.91 70.40	34.25
23 21 13 23-1016 EA 4" x 3" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	336.94 70.40	36.91
23 21 13 23-1017 EA 4" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	340.78 70.40	39.48
23 21 13 23-1018 EA 5" x 2" Plain End Piping System, Reducing (Swaged) Nipple <i>For Galvanized Fittings, Add</i>	1,091.40 258.90	37.20

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1019	EA	5" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	862.43 199.83	42.04
23 21	13 23-1020	EA	5" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	728.88 164.44	47.48
23 21	13 23-1021	EA	6" x 1" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	2,033.41 493.31	40.17
23 21	13 23-1022	EA	6" x 1-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	2,036.81 493.31	42.44
23 21	13 23-1023	EA	6" x 2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,527.06 364.87	45.11
23 21	13 23-1024	EA	6" x 2-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,530.57 364.87	47.48
23 21	13 23-1025	EA	6" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,020.85 236.46	50.04
23 21	13 23-1026	EA	6" x 3-1/2" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,024.43 236.46	52.40
23 21	13 23-1027	EA	6" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	800.13 179.33	55.27
23 21	13 23-1028	EA	6" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	913.18 205.62	60.50
23 21	13 23-1029	EA	8" x 3" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,225.48 285.17	56.56
23 21	13 23-1030	EA	8" x 4" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,233.45 285.17	61.88
23 21	13 23-1031	EA	8" x 5" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,398.40 324.42	67.21
23 21	13 23-1032	EA	8" x 6" Plain End Piping System, Reducing (Swaged) Nipple..... <i>For Galvanized Fittings, Add</i>	1,567.28 363.65	75.11
23 21	13 23-1033		Plain End Piping System, Bull Plugs (23 21 13 23-0915)		
23 21	13 23-1034	EA	1" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	342.65 100.13	5.93
23 21	13 23-1035	EA	1-1/2" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	346.11 100.13	8.19
23 21	13 23-1036	EA	2" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	350.00 100.13	10.86
23 21	13 23-1037	EA	2-1/2" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	353.51 100.13	13.12
23 21	13 23-1038	EA	3" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	512.96 146.78	15.79
23 21	13 23-1039	EA	4" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	663.54 189.59	21.03
23 21	13 23-1040	EA	5" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	1,156.29 335.05	26.35
23 21	13 23-1041	EA	6" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	1,540.89 446.87	34.25
23 21	13 23-1042	EA	8" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	2,861.62 840.13	40.76
23 21	13 23-1043	EA	10" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	5,155.25 1,525.12	47.67
23 21	13 23-1044	EA	12" Plain End Piping System, Bull Plug <i>For Galvanized Fittings, Add</i>	7,903.73 2,345.36	57.24
23 21	13 23-1045		Carbon Steel Piping Systems (23 21 13 23)		
23 21	13 23-1046		Class 3,000 LB Carbon Steel Socket Weld Fittings (23 21 13 23-1045) Note: ASTM A105		
23 21	13 23-1047		90 Degree Elbows, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-1046)		
23 21	13 23-1048	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	44.17	19.54
23 21	13 23-1049	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	49.80	21.81
23 21	13 23-1050	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	68.02	24.38
23 21	13 23-1051	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	100.04	27.64
23 21	13 23-1052	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	114.92	31.09
23 21	13 23-1053	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	159.52	39.57
23 21	13 23-1054	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	342.06	58.52
23 21	13 23-1055	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	495.06	76.99
23 21	13 23-1056	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	928.15	81.39
23 21	13 23-1057		45 Degree Elbows, 3,000 LB Carbon Steel Socket Weld (23 21 13 23-1046)		
23 21	13 23-1058	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	50.75	19.54
23 21	13 23-1059	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	59.75	21.81
23 21	13 23-1060	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	71.08	24.38
23 21	13 23-1061	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	103.92	27.64
23 21	13 23-1062	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	124.21	31.09
23 21	13 23-1063	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	159.33	39.57
23 21	13 23-1064	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	398.88	58.52
23 21	13 23-1065	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	543.13	76.99
23 21	13 23-1066	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 3,000 LB.....	907.35	81.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1067 Straight Tees, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1046)</small>		
23 21 13 23-1068 EA 1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	53.53	24.38
23 21 13 23-1069 EA 3/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	66.67	28.13
23 21 13 23-1070 EA 1" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	93.19	33.26
23 21 13 23-1071 EA 1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	129.96	39.57
23 21 13 23-1072 EA 1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	158.39	47.17
23 21 13 23-1073 EA 2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	214.95	58.52
23 21 13 23-1074 EA 2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	421.70	76.99
23 21 13 23-1075 EA 3" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	596.96	91.39
23 21 13 23-1076 EA 4" Tee, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	1,234.49	102.75
23 21 13 23-1077 Reducing Tees, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1046)</small>		
23 21 13 23-1078 EA 1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	55.33	24.38
23 21 13 23-1079 EA 3/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	68.53	28.13
23 21 13 23-1080 EA 1" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	95.42	33.26
23 21 13 23-1081 EA 1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	135.24	39.57
23 21 13 23-1082 EA 1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	164.58	47.17
23 21 13 23-1083 EA 2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	224.46	58.52
23 21 13 23-1084 EA 2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	444.29	76.99
23 21 13 23-1085 EA 3" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	629.48	91.39
23 21 13 23-1086 EA 4" Tee, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	1,118.76	102.75
23 21 13 23-1087 Straight Couplings, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1046)</small>		
23 21 13 23-1088 EA 1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	36.06	19.54
23 21 13 23-1089 EA 3/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	40.82	21.81
23 21 13 23-1090 EA 1" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	48.95	24.38
23 21 13 23-1091 EA 1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	57.01	27.64
23 21 13 23-1092 EA 1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	67.67	31.09
23 21 13 23-1093 EA 2" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	89.98	39.57
23 21 13 23-1094 EA 2-1/2" Coupling, Straight, Carbon Steel, Socket, Weld, 3,000 LB.....	164.91	58.52
23 21 13 23-1095 EA 3" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	221.87	76.99
23 21 13 23-1096 EA 4" Coupling, Straight, Carbon Steel, Socket Weld, 3,000 LB.....	334.32	81.39
23 21 13 23-1097 Reducing Couplings, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1046)</small>		
23 21 13 23-1098 EA 1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	39.73	19.54
23 21 13 23-1099 EA 3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	44.85	21.81
23 21 13 23-1100 EA 1" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	55.39	24.38
23 21 13 23-1101 EA 1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	64.79	27.64
23 21 13 23-1102 EA 1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	79.22	31.09
23 21 13 23-1103 EA 2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	102.32	39.57
23 21 13 23-1104 EA 2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	192.10	58.52
23 21 13 23-1105 EA 3" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	276.56	76.99
23 21 13 23-1106 EA 4" Coupling, Reducing, Carbon Steel, Socket Weld, 3,000 LB.....	448.00	81.39
23 21 13 23-1107 Caps, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1046)</small>		
23 21 13 23-1108 EA 1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	24.49	9.18
23 21 13 23-1109 EA 3/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	28.76	9.77
23 21 13 23-1110 EA 1" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	33.97	11.25
23 21 13 23-1111 EA 1-1/4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	40.58	12.24
23 21 13 23-1112 EA 1-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	48.76	12.24
23 21 13 23-1113 EA 2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	63.37	15.69
23 21 13 23-1114 EA 2-1/2" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	122.92	19.54
23 21 13 23-1115 EA 3" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	182.97	23.59
23 21 13 23-1116 EA 4" Cap, Carbon Steel, Socket Weld, 3,000 LB.....	271.93	27.85
23 21 13 23-1117 Black Cast Iron Square Head Plug <small>(23 21 13 23-1046)</small>		
23 21 13 23-1118 EA 1/2" Square Head Plug, Black, Cast Iron.....	13.96	7.80
23 21 13 23-1119 EA 3/4" Square Head Plug, Black, Cast Iron.....	17.45	7.80
23 21 13 23-1120 EA 1" Square Head Plug, Black, Cast Iron.....	24.18	11.84
23 21 13 23-1121 EA 1-1/4" Square Head Plug, Black, Cast Iron.....	24.88	11.84
23 21 13 23-1122 EA 1-1/2" Square Head Plug, Black, Cast Iron.....	27.78	11.84
23 21 13 23-1123 EA 2" Square Head Plug, Black, Cast Iron.....	36.68	15.69
23 21 13 23-1124 EA 2-1/2" Square Head Plug, Black, Cast Iron.....	48.22	19.54
23 21 13 23-1125 EA 3" Square Head Plug, Black, Cast Iron.....	65.85	23.59
23 21 13 23-1126 EA 4" Square Head Plug, Black, Cast Iron.....	77.58	27.85
23 21 13 23-1127 Unions, 3,000 LB Carbon Steel Socket Weld <small>(23 21 13 23-1046)</small>		
23 21 13 23-1128 EA 1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	74.78	24.38
23 21 13 23-1129 EA 3/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	81.39	28.13
23 21 13 23-1130 EA 1" Union, Carbon Steel, Socket Weld, 3,000 LB.....	107.16	33.26
23 21 13 23-1131 EA 1-1/4" Union, Carbon Steel, Socket Weld, 3,000 LB.....	138.40	39.57
23 21 13 23-1132 EA 1-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	167.30	47.17
23 21 13 23-1133 EA 2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	209.75	58.52
23 21 13 23-1134 EA 2-1/2" Union, Carbon Steel, Socket Weld, 3,000 LB.....	407.80	63.56

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 21	13 23-1135	EA	3" Union, Carbon Steel, Socket Weld, 3,000 LB.....	558.27	76.99
23 21	13 23-1136		Class 6,000 LB Carbon Steel Socket Weld Fittings (23 21 13 23-1045)		
			Note: ASTM A105		
23 21	13 23-1137		90 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21	13 23-1138	EA	1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	52.10	19.54
23 21	13 23-1139	EA	3/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	58.86	21.81
23 21	13 23-1140	EA	1" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	84.73	24.38
23 21	13 23-1141	EA	1-1/4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	131.19	27.64
23 21	13 23-1142	EA	1-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	151.17	31.09
23 21	13 23-1143	EA	2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	212.76	39.57
23 21	13 23-1144	EA	2-1/2" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	477.14	58.52
23 21	13 23-1145	EA	3" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	696.68	76.99
23 21	13 23-1146	EA	4" 90 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	1,356.32	81.39
23 21	13 23-1147		45 Degree Elbow, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21	13 23-1148	EA	1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	62.93	19.54
23 21	13 23-1149	EA	3/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	75.05	21.81
23 21	13 23-1150	EA	1" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	90.62	24.38
23 21	13 23-1151	EA	1-1/4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	139.33	27.64
23 21	13 23-1152	EA	1-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	168.11	31.09
23 21	13 23-1153	EA	2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	215.98	39.57
23 21	13 23-1154	EA	2-1/2" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	575.06	58.52
23 21	13 23-1155	EA	3" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	785.30	76.99
23 21	13 23-1156	EA	4" 45 Degree Elbow, Carbon Steel, Socket Weld, 6,000 LB.....	1,352.04	81.39
23 21	13 23-1157		Straight Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21	13 23-1158	EA	1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	69.24	24.38
23 21	13 23-1159	EA	3/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	89.36	28.13
23 21	13 23-1160	EA	1" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	133.34	33.26
23 21	13 23-1161	EA	1-1/4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	195.42	39.57
23 21	13 23-1162	EA	1-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	239.56	47.17
23 21	13 23-1163	EA	2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	332.78	58.52
23 21	13 23-1164	EA	2-1/2" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	705.37	76.99
23 21	13 23-1165	EA	3" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	1,022.89	91.39
23 21	13 23-1166	EA	4" Tee, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	2,235.18	102.75
23 21	13 23-1167		Reducing Tees, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21	13 23-1168	EA	1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	55.33	24.38
23 21	13 23-1169	EA	3/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	68.53	28.13
23 21	13 23-1170	EA	1" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	95.42	33.26
23 21	13 23-1171	EA	1-1/4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	135.24	39.57
23 21	13 23-1172	EA	1-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	164.58	47.17
23 21	13 23-1173	EA	2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	224.46	58.52
23 21	13 23-1174	EA	2-1/2" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	444.29	76.99
23 21	13 23-1175	EA	3" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	629.48	91.39
23 21	13 23-1176	EA	4" Tee, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	1,118.76	102.75
23 21	13 23-1177		Straight Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21	13 23-1178	EA	1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	39.36	19.54
23 21	13 23-1179	EA	3/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	44.72	21.81
23 21	13 23-1180	EA	1" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	54.93	24.38
23 21	13 23-1181	EA	1-1/4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	64.56	27.64
23 21	13 23-1182	EA	1-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	77.83	31.09
23 21	13 23-1183	EA	2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	104.82	39.57
23 21	13 23-1184	EA	2-1/2" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	202.24	58.52
23 21	13 23-1185	EA	3" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	273.35	76.99
23 21	13 23-1186	EA	4" Coupling, Straight, Carbon Steel, Socket Weld, 6,000 LB.....	437.01	81.39
23 21	13 23-1187		Reducing Couplings, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21	13 23-1188	EA	1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	44.77	19.54
23 21	13 23-1189	EA	3/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	50.66	21.81
23 21	13 23-1190	EA	1" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	64.43	24.38
23 21	13 23-1191	EA	1-1/4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	76.02	27.64
23 21	13 23-1192	EA	1-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	94.84	31.09
23 21	13 23-1193	EA	2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	122.98	39.57
23 21	13 23-1194	EA	2-1/2" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	242.20	58.52
23 21	13 23-1195	EA	3" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	353.91	76.99
23 21	13 23-1196	EA	4" Coupling, Reducing, Carbon Steel, Socket Weld, 6,000 LB.....	604.49	81.39
23 21	13 23-1197		Caps, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21	13 23-1198	EA	1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	31.72	9.18
23 21	13 23-1199	EA	3/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	38.24	9.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1200 EA 1" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	45.45	11.25
23 21 13 23-1201 EA 1-1/4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	55.54	12.24
23 21 13 23-1202 EA 1-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	69.21	12.24
23 21 13 23-1203 EA 2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	90.06	15.69
23 21 13 23-1204 EA 2-1/2" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	185.79	19.54
23 21 13 23-1205 EA 3" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	282.02	23.59
23 21 13 23-1206 EA 4" Cap, Carbon Steel, Socket Weld, 6,000 LB.....	426.36	27.85
23 21 13 23-1207 Black Cast Iron Square Head Plug (23 21 13 23-1136)		
23 21 13 23-1208 EA 1/2" Square Head Plug, Black Cast Iron.....	13.97	7.80
23 21 13 23-1209 EA 3/4" Square Head Plug, Black Cast Iron.....	17.48	7.80
23 21 13 23-1210 EA 1" Square Head Plug, Black Cast Iron.....	24.22	11.84
23 21 13 23-1211 EA 1-1/4" Square Head Plug, Black Cast Iron.....	24.92	11.84
23 21 13 23-1212 EA 1-1/2" Square Head Plug, Black Cast Iron.....	27.83	11.84
23 21 13 23-1213 EA 2" Square Head Plug, Black Cast Iron.....	36.74	15.69
23 21 13 23-1214 EA 2-1/2" Square Head Plug, Black Cast Iron.....	48.32	19.54
23 21 13 23-1215 EA 3" Square Head Plug, Black Cast Iron.....	66.00	23.59
23 21 13 23-1216 EA 4" Square Head Plug, Black Cast Iron.....	77.75	27.85
23 21 13 23-1217 Unions, 6,000 LB Carbon Steel Socket Weld (23 21 13 23-1136)		
23 21 13 23-1218 EA 1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	98.15	24.38
23 21 13 23-1219 EA 3/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	105.38	28.13
23 21 13 23-1220 EA 1" Union, Carbon Steel, Socket Weld, 6,000 LB.....	142.22	33.26
23 21 13 23-1221 EA 1-1/4" Union, Carbon Steel, Socket Weld, 6,000 LB.....	186.78	39.57
23 21 13 23-1222 EA 1-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	226.34	47.17
23 21 13 23-1223 EA 2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	284.37	58.52
23 21 13 23-1224 EA 2-1/2" Union, Carbon Steel, Socket Weld, 6,000 LB.....	598.85	63.56
23 21 13 23-1225 EA 3" Union, Carbon Steel, Socket Weld, 6,000 LB.....	829.07	76.99
23 21 13 23-1226 Carbon Steel, Seamless Piping System (23 21 13 23-1045)		
Note: ASTM A106 Excludes hangers or fittings. Demolition Note applies to all pipe demolition.		
23 21 13 23-1227 Schedule 40, Carbon Steel, Seamless Piping (23 21 13 23-1226)		
Note: ASTM A106 Excludes hangers, elbow, tee, or reducer fittings.		
23 21 13 23-1228 LF 1/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	11.04	3.65
For Schedule 80, Add	2.00	
23 21 13 23-1229 LF 1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	11.07	3.95
For Schedule 80, Add	1.83	
For Schedule 160, Add	7.64	
23 21 13 23-1230 LF 3/4" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	12.60	4.24
For Schedule 80, Add	2.24	
For Schedule 160, Add	9.35	
23 21 13 23-1231 LF 1" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	13.32	4.64
For Schedule 80, Add	2.31	
For Schedule 160, Add	9.63	
23 21 13 23-1232 LF 1-1/2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	18.98	5.73
For Schedule 80, Add	3.74	
For Schedule 160, Add	15.60	
23 21 13 23-1233 LF 2" Schedule 40, Threaded (A-106) Seamless, Carbon Steel Pipe.....	22.84	6.90
For Schedule 80, Add	4.48	
For Schedule 160, Add	18.68	
23 21 13 23-1234 90 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1226)		
23 21 13 23-1235 EA 1/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	31.96	15.00
23 21 13 23-1236 EA 1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	39.24	17.57
23 21 13 23-1237 EA 3/4" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	43.80	19.65
23 21 13 23-1238 EA 1" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	50.97	21.91
23 21 13 23-1239 EA 1-1/2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	88.66	28.03
23 21 13 23-1240 EA 2" 90 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	112.24	35.63
23 21 13 23-1241 EA 1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	34.96	15.00
23 21 13 23-1242 EA 1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	40.36	17.57
23 21 13 23-1243 EA 3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	47.51	19.65
23 21 13 23-1244 EA 1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	59.04	21.91
23 21 13 23-1245 EA 1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	107.93	28.03
23 21 13 23-1246 EA 2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	133.53	35.63
23 21 13 23-1247 EA 1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	50.85	17.57
23 21 13 23-1248 EA 3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	60.71	19.65
23 21 13 23-1249 EA 1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	72.91	21.91
23 21 13 23-1250 EA 1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	146.91	28.03
23 21 13 23-1251 EA 2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	236.92	35.63
23 21 13 23-1252 45 Degree Elbows, Screwed Carbon Steel (23 21 13 23-1226)		
23 21 13 23-1253 EA 1/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	38.04	15.00
23 21 13 23-1254 EA 1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	41.66	17.57
23 21 13 23-1255 EA 3/4" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	46.93	19.65
23 21 13 23-1256 EA 1" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	53.35	21.91
23 21 13 23-1257 EA 1-1/2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	80.97	28.03
23 21 13 23-1258 EA 2" 45 Degree Elbow, 2,000 LB, Screwed Carbon Steel.....	124.11	35.63

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1259	EA	1/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	38.52	15.00
23 21 13 23-1260	EA	1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	44.41	17.57
23 21 13 23-1261	EA	3/4" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	50.09	19.65
23 21 13 23-1262	EA	1" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	61.59	21.91
23 21 13 23-1263	EA	1-1/2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	104.95	28.03
23 21 13 23-1264	EA	2" 45 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	140.17	35.63
23 21 13 23-1265	EA	1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	58.09	17.57
23 21 13 23-1266	EA	3/4" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	73.78	19.65
23 21 13 23-1267	EA	1" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	77.82	21.91
23 21 13 23-1268	EA	1-1/2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	174.72	28.03
23 21 13 23-1269	EA	2" 45 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	238.76	35.63
23 21 13 23-1270 Straight Tees, Screwed Carbon Steel (23 21 13 23-1226)				
23 21 13 23-1271	EA	1/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	42.87	20.82
23 21 13 23-1272	EA	1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	49.64	21.91
23 21 13 23-1273	EA	3/4" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	60.79	25.36
23 21 13 23-1274	EA	1" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	76.07	29.91
23 21 13 23-1275	EA	1-1/2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	129.32	42.44
23 21 13 23-1276	EA	2" Tee, Straight, 2,000 LB, Screwed Carbon Steel.....	160.33	52.71
23 21 13 23-1277	EA	1/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	45.43	20.82
23 21 13 23-1278	EA	1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	51.31	21.91
23 21 13 23-1279	EA	3/4" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	66.36	25.36
23 21 13 23-1280	EA	1" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	80.85	29.91
23 21 13 23-1281	EA	1-1/2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	145.85	42.44
23 21 13 23-1282	EA	2" Tee, Straight, 3,000 LB, Screwed Carbon Steel.....	187.68	52.71
23 21 13 23-1283	EA	1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	63.89	21.91
23 21 13 23-1284	EA	3/4" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	79.88	25.36
23 21 13 23-1285	EA	1" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	114.27	29.91
23 21 13 23-1286	EA	1-1/2" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	183.82	42.44
23 21 13 23-1287	EA	2" Tee, Straight, 6,000 LB, Screwed Carbon Steel.....	308.73	52.71
23 21 13 23-1288 Crosses, Screwed Carbon Steel (23 21 13 23-1226)				
23 21 13 23-1289	EA	1/4" Cross, 2,000 LB, Screwed Carbon Steel.....	68.72	26.35
23 21 13 23-1290	EA	1/2" Cross, 2,000 LB, Screwed Carbon Steel.....	83.20	29.61
23 21 13 23-1291	EA	3/4" Cross, 2,000 LB, Screwed Carbon Steel.....	89.81	31.58
23 21 13 23-1292	EA	1" Cross, 2,000 LB, Screwed Carbon Steel.....	112.34	38.10
23 21 13 23-1293	EA	1-1/2" Cross, 2,000 LB, Screwed Carbon Steel.....	212.96	53.30
23 21 13 23-1294	EA	2" Cross, 2,000 LB, Screwed Carbon Steel.....	279.00	65.83
23 21 13 23-1295	EA	1/2" Cross, 3,000 LB, Screwed Carbon Steel.....	86.35	29.61
23 21 13 23-1296	EA	3/4" Cross, 3,000 LB, Screwed Carbon Steel.....	107.89	31.58
23 21 13 23-1297	EA	1" Cross, 3,000 LB, Screwed Carbon Steel.....	128.16	38.10
23 21 13 23-1298	EA	1-1/2" Cross, 3,000 LB, Screwed Carbon Steel.....	235.77	53.30
23 21 13 23-1299	EA	2" Cross, 3,000 LB, Screwed Carbon Steel.....	320.66	65.83
23 21 13 23-1300	EA	1/2" Cross, 6,000 LB, Screwed Carbon Steel.....	145.23	29.61
23 21 13 23-1301	EA	3/4" Cross, 6,000 LB, Screwed Carbon Steel.....	268.62	31.58
23 21 13 23-1302	EA	1" Cross, 6,000 LB, Screwed Carbon Steel.....	375.83	38.10
23 21 13 23-1303	EA	1-1/2" Cross, 6,000 LB, Screwed Carbon Steel.....	604.06	53.30
23 21 13 23-1304	EA	2" Cross, 6,000 LB, Screwed Carbon Steel.....	651.82	65.83
23 21 13 23-1305 Straight Couplings, Screwed Carbon Steel (23 21 13 23-1226)				
23 21 13 23-1306	EA	1/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	27.92	15.00
23 21 13 23-1307	EA	1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	31.54	17.57
23 21 13 23-1308	EA	3/4" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	36.65	19.65
23 21 13 23-1309	EA	1" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	43.72	21.91
23 21 13 23-1310	EA	1-1/2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	69.23	28.03
23 21 13 23-1311	EA	2" Coupling, Straight, 3,000 LB, Screwed Carbon Steel.....	87.82	35.63
23 21 13 23-1312	EA	1/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	35.47	15.00
23 21 13 23-1313	EA	1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	36.32	17.57
23 21 13 23-1314	EA	3/4" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	40.32	19.65
23 21 13 23-1315	EA	1" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	48.61	21.91
23 21 13 23-1316	EA	1-1/2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	76.70	28.03
23 21 13 23-1317	EA	2" Coupling, Straight, 6,000 LB, Screwed Carbon Steel.....	115.10	35.63
23 21 13 23-1318 Reducing Couplings, Screwed Carbon Steel (23 21 13 23-1226)				
23 21 13 23-1319	EA	1/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	28.97	15.99
23 21 13 23-1320	EA	1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	34.02	17.57
23 21 13 23-1321	EA	3/4" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	40.43	19.65
23 21 13 23-1322	EA	1" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	48.97	21.91
23 21 13 23-1323	EA	1-1/2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	70.59	28.03
23 21 13 23-1324	EA	2" Coupling, Reducing, 3,000 LB, Screwed Carbon Steel.....	95.18	35.63
23 21 13 23-1325	EA	1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	130.67	17.57
23 21 13 23-1326	EA	3/4" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	133.81	19.65
23 21 13 23-1327	EA	1" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	157.81	21.91
23 21 13 23-1328	EA	1-1/2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	231.58	28.03
23 21 13 23-1329	EA	2" Coupling, Reducing, 6,000 LB, Screwed Carbon Steel.....	338.86	35.63

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 21 13 23-1330		Caps, Screwed Carbon Steel <small>(23 21 13 23-1226)</small>		
23 21 13 23-1331	EA	1/4" Cap, 3,000 LB, Screwed Carbon Steel.....	14.54	6.71
23 21 13 23-1332	EA	1/2" Cap, 3,000 LB, Screwed Carbon Steel.....	16.65	7.80
23 21 13 23-1333	EA	3/4" Cap, 3,000 LB, Screwed Carbon Steel.....	19.99	8.78
23 21 13 23-1334	EA	1" Cap, 3,000 LB, Screwed Carbon Steel.....	25.15	9.77
23 21 13 23-1335	EA	1-1/2" Cap, 3,000 LB, Screwed Carbon Steel.....	35.41	12.44
23 21 13 23-1336	EA	2" Cap, 3,000 LB, Screwed Carbon Steel.....	49.69	15.89
23 21 13 23-1337	EA	1/4" Cap, 6,000 LB, Screwed Carbon Steel.....	23.60	6.71
23 21 13 23-1338	EA	1/2" Cap, 6,000 LB, Screwed Carbon Steel.....	22.46	7.80
23 21 13 23-1339	EA	3/4" Cap, 6,000 LB, Screwed Carbon Steel.....	29.45	8.78
23 21 13 23-1340	EA	1" Cap, 6,000 LB, Screwed Carbon Steel.....	32.06	9.77
23 21 13 23-1341	EA	1-1/2" Cap, 6,000 LB, Screwed Carbon Steel.....	63.56	12.44
23 21 13 23-1342	EA	2" Cap, 6,000 LB, Screwed Carbon Steel.....	77.10	15.89
23 21 13 23-1343		Nipples, Screwed Carbon Steel <small>(23 21 13 23-1226)</small>		
23 21 13 23-1344	EA	1/4" Nipple, 2" Long, Screwed Carbon Steel.....	17.37	8.98
23 21 13 23-1345	EA	1/2" Nipple, 2" Long, Screwed Carbon Steel.....	17.54	9.37
23 21 13 23-1346	EA	3/4" Nipple, 2" Long, Screwed Carbon Steel.....	17.31	9.37
23 21 13 23-1347	EA	1" Nipple, 2" Long, Screwed Carbon Steel.....	19.76	10.17
23 21 13 23-1348	EA	1-1/2" Nipple, 2" Long, Screwed Carbon Steel.....	23.37	10.96
23 21 13 23-1349	EA	2" Nipple, 2" Long, Screwed Carbon Steel.....	26.44	14.11
23 21 13 23-1350	EA	1/4" Nipple, 4" Long, Screwed Carbon Steel.....	19.10	8.98
23 21 13 23-1351	EA	1/2" Nipple, 4" Long, Screwed Carbon Steel.....	18.91	9.37
23 21 13 23-1352	EA	3/4" Nipple, 4" Long, Screwed Carbon Steel.....	18.86	9.37
23 21 13 23-1353	EA	1" Nipple, 4" Long, Screwed Carbon Steel.....	21.85	10.17
23 21 13 23-1354	EA	1-1/2" Nipple, 4" Long, Screwed Carbon Steel.....	27.10	10.96
23 21 13 23-1355	EA	2" Nipple, 4" Long, Screwed Carbon Steel.....	31.90	14.11
23 21 13 23-1356	EA	1/4" Nipple, 6" Long, Screwed Carbon Steel.....	23.24	8.98
23 21 13 23-1357	EA	1/2" Nipple, 6" Long, Screwed Carbon Steel.....	21.09	9.37
23 21 13 23-1358	EA	3/4" Nipple, 6" Long, Screwed Carbon Steel.....	21.29	9.37
23 21 13 23-1359	EA	1" Nipple, 6" Long, Screwed Carbon Steel.....	24.86	10.17
23 21 13 23-1360	EA	1-1/2" Nipple, 6" Long, Screwed Carbon Steel.....	32.20	10.96
23 21 13 23-1361	EA	2" Nipple, 6" Long, Screwed Carbon Steel.....	36.42	14.11
23 21 13 23-1362		Unions, Screwed Carbon Steel <small>(23 21 13 23-1226)</small>		
23 21 13 23-1363	EA	1/4" Union, 3,000 LB, Screwed Carbon Steel.....	35.73	21.81
23 21 13 23-1364	EA	1/2" Union, 3,000 LB, Screwed Carbon Steel.....	35.86	21.91
23 21 13 23-1365	EA	3/4" Union, 3,000 LB, Screwed Carbon Steel.....	41.00	25.36
23 21 13 23-1366	EA	1" Union, 3,000 LB, Screwed Carbon Steel.....	49.30	29.91
23 21 13 23-1367	EA	1-1/2" Union, 3,000 LB, Screwed Carbon Steel.....	71.14	42.44
23 21 13 23-1368	EA	2" Union, 3,000 LB, Screwed Carbon Steel.....	88.40	52.71
23 21 13 23-1369	EA	1/4" Union, 6,000 LB, Screwed Carbon Steel.....	75.82	21.81
23 21 13 23-1370	EA	1/2" Union, 6,000 LB, Screwed Carbon Steel.....	84.32	21.91
23 21 13 23-1371	EA	3/4" Union, 6,000 LB, Screwed Carbon Steel.....	99.69	25.36
23 21 13 23-1372	EA	1" Union, 6,000 LB, Screwed Carbon Steel.....	121.63	29.91
23 21 13 23-1373	EA	1-1/2" Union, 6,000 LB, Screwed Carbon Steel.....	219.04	42.44
23 21 13 23-1374	EA	2" Union, 6,000 LB, Screwed Carbon Steel.....	270.43	52.71
23 21 13 23-1375		Weld Neck Flanges, Screwed Carbon Steel <small>(23 21 13 23-1226)</small>		
23 21 13 23-1376	EA	1/2" Flange, 150 LB, Screwed Carbon Steel.....	82.48	40.76
23 21 13 23-1377	EA	3/4" Flange, 150 LB, Screwed Carbon Steel.....	86.13	42.74
23 21 13 23-1378	EA	1" Flange, 150 LB, Screwed Carbon Steel.....	88.91	44.61
23 21 13 23-1379	EA	1-1/2" Flange, 150 LB, Screwed Carbon Steel.....	98.11	50.24
23 21 13 23-1380	EA	2" Flange, 150 LB, Screwed Carbon Steel.....	101.39	52.40
23 21 13 23-1381	EA	1/2" Flange, 300 LB, Screwed Carbon Steel.....	83.83	40.76
		<i>For Ring Type Joint, Add</i>	22.67	
		<i>For Blind Flange, Deduct</i>	-29.00	
23 21 13 23-1382	EA	3/4" Flange, 300 LB, Screwed Carbon Steel.....	87.57	42.74
		<i>For Ring Type Joint, Add</i>	23.44	
		<i>For Blind Flange, Deduct</i>	-30.34	
23 21 13 23-1383	EA	1" Flange, 300 LB, Screwed Carbon Steel.....	91.09	44.61
		<i>For Ring Type Joint, Add</i>	24.18	
		<i>For Blind Flange, Deduct</i>	-31.60	
23 21 13 23-1384	EA	1-1/2" Flange, 300 LB, Screwed Carbon Steel.....	103.32	50.24
		<i>For Ring Type Joint, Add</i>	27.97	
		<i>For Blind Flange, Deduct</i>	-35.73	
23 21 13 23-1385	EA	2" Flange, 300 LB, Screwed Carbon Steel.....	106.60	52.40
		<i>For Ring Type Joint, Add</i>	27.97	
		<i>For Blind Flange, Deduct</i>	-37.05	
23 21 13 23-1386	EA	1/2" Flange, 600 LB, Screwed Carbon Steel.....	92.75	40.76
		<i>For Ring Type Joint, Add</i>	31.59	
		<i>For Blind Flange, Deduct</i>	-30.78	
23 21 13 23-1387	EA	3/4" Flange, 600 LB, Screwed Carbon Steel.....	95.72	42.74
		<i>For Ring Type Joint, Add</i>	31.59	
		<i>For Blind Flange, Deduct</i>	-31.97	
23 21 13 23-1388	EA	1" Flange, 600 LB, Screwed Carbon Steel.....	99.94	44.61
		<i>For Ring Type Joint, Add</i>	33.03	
		<i>For Blind Flange, Deduct</i>	-33.37	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1389	EA	1-1/2" Flange, 600 LB, Screwed Carbon Steel	114.29	50.24
		<i>For Ring Type Joint, Add</i>	38.94	
		<i>For Blind Flange, Deduct</i>	-37.93	
23 21 13 23-1390	EA	2" Flange, 600 LB, Screwed Carbon Steel	114.87	52.40
		<i>For Ring Type Joint, Add</i>	36.24	
		<i>For Blind Flange, Deduct</i>	-38.70	
23 21 13 23-1391		Square Head Plugs, Screwed Carbon Steel (23 21 13 23-1226)		
23 21 13 23-1392	EA	1/4" Square Head Plug, Screwed Carbon Steel.....	6.15	2.76
23 21 13 23-1393	EA	1/2" Square Head Plug, Screwed Carbon Steel.....	7.36	3.26
23 21 13 23-1394	EA	3/4" Square Head Plug, Screwed Carbon Steel.....	8.63	3.75
23 21 13 23-1395	EA	1" Square Head Plug, Screwed Carbon Steel.....	12.55	5.52
23 21 13 23-1396	EA	1-1/2" Square Head Plug, Screwed Carbon Steel	17.81	5.52
23 21 13 23-1397	EA	2" Square Head Plug, Screwed Carbon Steel.....	26.65	7.21
23 21 13 23-1398		Hex Head Plugs, Screwed Carbon Steel (23 21 13 23-1226)		
23 21 13 23-1399	EA	1/4" Hex Head Plug, Screwed Carbon Steel.....	5.63	2.76
23 21 13 23-1400	EA	1/2" Hex Head Plug, Screwed Carbon Steel.....	6.87	3.26
23 21 13 23-1401	EA	3/4" Hex Head Plug, Screwed Carbon Steel.....	8.32	3.75
23 21 13 23-1402	EA	1" Hex Head Plug, Screwed Carbon Steel.....	12.26	5.52
23 21 13 23-1403	EA	1-1/2" Hex Head Plug, Screwed Carbon Steel.....	16.65	5.52
23 21 13 23-1404	EA	2" Hex Head Plug, Screwed Carbon Steel.....	27.48	7.21
23 21 13 23-1405		Round Head Plugs, Screwed Carbon Steel (23 21 13 23-1226)		
23 21 13 23-1406	EA	1/4" Round Head Plug, Screwed Carbon Steel.....	7.33	2.76
23 21 13 23-1407	EA	1/2" Round Head Plug, Screwed Carbon Steel.....	7.43	3.26
23 21 13 23-1408	EA	3/4" Round Head Plug, Screwed Carbon Steel.....	8.41	3.75
23 21 13 23-1409	EA	1" Round Head Plug, Screwed Carbon Steel.....	12.73	5.52
23 21 13 23-1410	EA	1-1/2" Round Head Plug, Screwed Carbon Steel	19.27	5.52
23 21 13 23-1411	EA	2" Round Head Plug, Screwed Carbon Steel.....	27.16	7.21
23 21 13 23-1412		Hexagon Bushings, Screwed Carbon Steel (23 21 13 23-1226)		
23 21 13 23-1413	EA	1/4" Hex Bushing, Screwed Carbon Steel	6.02	2.76
23 21 13 23-1414	EA	1/2" Hex Bushing, Screwed Carbon Steel	6.85	3.26
23 21 13 23-1415	EA	3/4" Hex Bushing, Screwed Carbon Steel	8.18	3.75
23 21 13 23-1416	EA	1" Hex Bushing, Screwed Carbon Steel	12.64	5.52
23 21 13 23-1417	EA	1-1/2" Hex Bushing, Screwed Carbon Steel	16.55	5.52
23 21 13 23-1418	EA	2" Hex Bushing, Screwed Carbon Steel	26.26	7.21
23 21 13 23-1419		90 Degree Street Elbows, Screwed Carbon Steel (23 21 13 23-1226)		
23 21 13 23-1420	EA	1/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	41.55	15.00
23 21 13 23-1421	EA	1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	46.77	17.57
23 21 13 23-1422	EA	3/4" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	55.75	19.65
23 21 13 23-1423	EA	1" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	66.53	21.91
23 21 13 23-1424	EA	1-1/2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	113.98	28.03
23 21 13 23-1425	EA	2" 90 Degree Elbow, 3,000 LB, Screwed Carbon Steel.....	156.15	35.63
23 21 13 23-1426	EA	1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	74.16	17.57
23 21 13 23-1427	EA	3/4" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	111.45	19.65
23 21 13 23-1428	EA	1" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	159.74	21.91
23 21 13 23-1429	EA	1-1/2" 90 Degree Elbow, 6,000 LB, Screwed Carbon Steel.....	370.39	28.03
23 21 13 23-1430		Screwed Carbon Steel Laterals (23 21 13 23-1226)		
23 21 13 23-1431	EA	1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	221.60	21.91
23 21 13 23-1432	EA	3/4" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	267.69	25.36
23 21 13 23-1433	EA	1" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	328.74	29.91
23 21 13 23-1434	EA	1-1/2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel.....	418.12	42.44
23 21 13 23-1435	EA	2" Lateral, Straight, 3,000 LB, Screwed Carbon Steel	522.02	52.71
23 21 13 23-1436	EA	1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	285.60	21.91
23 21 13 23-1437	EA	3/4" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	362.86	25.36
23 21 13 23-1438	EA	1" Lateral, Straight, 6,000 LB, Screwed Carbon Steel	430.50	29.91
23 21 13 23-1439	EA	1-1/2" Lateral, Straight, 6,000 LB, Screwed Carbon Steel.....	605.21	42.44
23 21 13 23-1440		Grooved-Joint Pipe (23 21 13 23)		
		Note: Includes grooving of pipe. Excludes hangers, elbow, tee, reducer fitting or couplings.		
23 21 13 23-1441		Schedule 10 Black Grooved Pipe (23 21 13 23-1440)		
23 21 13 23-1442	LF	2" Black Schedule 10 Grooved Pipe.....	35.19	12.54
23 21 13 23-1443	LF	2-1/2" Black Schedule 10 Grooved Pipe.....	47.10	17.18
23 21 13 23-1444	LF	3" Black Schedule 10 Grooved Pipe.....	53.19	19.05
23 21 13 23-1445	LF	3-1/2" Black Schedule 10 Grooved Pipe.....	61.18	19.74
23 21 13 23-1446	LF	4" Black Schedule 10 Grooved Pipe.....	64.45	21.42
23 21 13 23-1447	LF	5" Black Schedule 10 Grooved Pipe.....	96.16	26.26
23 21 13 23-1448	LF	6" Black Schedule 10 Grooved Pipe.....	119.50	37.31
23 21 13 23-1449	LF	8" Black Schedule 10 Grooved Pipe.....	175.02	41.85
23 21 13 23-1450	LF	10" Black Schedule 10 Grooved Pipe.....	222.00	50.44

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1451 LF 12" Black Schedule 10 Grooved Pipe	257.42	57.14
23 21 13 23-1452 Schedule 40 Black Grooved Pipe (23 21 13 23-1440)		
23 21 13 23-1453 LF 3/4" Black Schedule 40 Grooved Pipe	21.02	7.60
23 21 13 23-1454 LF 1" Black Schedule 40 Grooved Pipe	23.76	8.59
23 21 13 23-1455 LF 1-1/4" Black Schedule 40 Grooved Pipe	27.57	9.27
23 21 13 23-1456 LF 1-1/2" Black Schedule 40 Grooved Pipe	31.38	10.56
23 21 13 23-1457 LF 2" Black Schedule 40 Grooved Pipe	39.37	13.43
23 21 13 23-1458 LF 2-1/2" Black Schedule 40 Grooved Pipe	55.24	18.36
23 21 13 23-1459 LF 3" Black Schedule 40 Grooved Pipe	66.15	20.93
23 21 13 23-1460 LF 4" Black Schedule 40 Grooved Pipe	84.30	23.29
23 21 13 23-1461 LF 5" Black Schedule 40 Grooved Pipe	120.88	28.32
23 21 13 23-1462 LF 6" Black Schedule 40 Grooved Pipe	159.12	40.86
23 21 13 23-1463 LF 8" Black Schedule 40 Grooved Pipe	221.38	46.29
23 21 13 23-1464 LF 10" Black Schedule 40 Grooved Pipe	316.21	55.27
23 21 13 23-1465 LF 12" Black Schedule 40 Grooved Pipe	374.59	63.46
23 21 13 23-1466 LF 14" Black Schedule 40 Grooved Pipe	492.01	85.77
23 21 13 23-1467 LF 16" Black Schedule 40 Grooved Pipe	568.95	100.87
23 21 13 23-1468 LF 18" Black Schedule 40 Grooved Pipe	709.84	122.49
23 21 13 23-1469 LF 20" Black Schedule 40 Grooved Pipe	816.39	142.82
23 21 13 23-1470 LF 24" Black Schedule 40 Grooved Pipe	1,087.09	171.44
23 21 13 23-1471 Schedule 80 Black Grooved Pipe (23 21 13 23-1440)		
23 21 13 23-1472 LF 3/4" Black Schedule 80 Grooved Pipe	23.06	8.29
23 21 13 23-1473 LF 1" Black Schedule 80 Grooved Pipe	26.07	8.78
23 21 13 23-1474 LF 1-1/4" Black Schedule 80 Grooved Pipe	31.35	9.77
23 21 13 23-1475 LF 1-1/2" Black Schedule 80 Grooved Pipe	35.90	10.96
23 21 13 23-1476 LF 2" Black Schedule 80 Grooved Pipe	46.50	14.11
23 21 13 23-1477 LF 2-1/2" Black Schedule 80 Grooved Pipe	66.16	19.44
23 21 13 23-1478 LF 3" Black Schedule 80 Grooved Pipe	80.60	21.81
23 21 13 23-1479 LF 4" Black Schedule 80 Grooved Pipe	105.91	23.79
23 21 13 23-1480 LF 5" Black Schedule 80 Grooved Pipe	170.07	29.91
23 21 13 23-1481 LF 6" Black Schedule 80 Grooved Pipe	216.42	42.84
23 21 13 23-1482 LF 8" Black Schedule 80 Grooved Pipe	343.40	48.96
23 21 13 23-1483 LF 10" Black Schedule 80 Grooved Pipe	429.76	59.12
23 21 13 23-1484 LF 12" Black Schedule 80 Grooved Pipe	440.87	71.46
23 21 13 23-1485 Schedule 40 Galvanized Grooved Pipe (23 21 13 23-1440)		
23 21 13 23-1486 LF 3/4" Galvanized Schedule 40 Grooved Pipe	18.50	7.60
23 21 13 23-1487 LF 1" Galvanized Schedule 40 Grooved Pipe	21.54	8.59
23 21 13 23-1488 LF 1-1/4" Galvanized Schedule 40 Grooved Pipe	24.11	9.27
23 21 13 23-1489 LF 1-1/2" Galvanized Schedule 40 Grooved Pipe	27.45	10.56
23 21 13 23-1490 LF 2" Galvanized Schedule 40 Grooved Pipe	34.67	13.43
23 21 13 23-1491 LF 2-1/2" Galvanized Schedule 40 Grooved Pipe	48.74	18.36
23 21 13 23-1492 LF 3" Galvanized Schedule 40 Grooved Pipe	58.23	20.93
23 21 13 23-1493 LF 4" Galvanized Schedule 40 Grooved Pipe	73.00	23.29
23 21 13 23-1494 LF 5" Galvanized Schedule 40 Grooved Pipe	104.45	28.32
23 21 13 23-1495 LF 6" Galvanized Schedule 40 Grooved Pipe	139.72	40.86
23 21 13 23-1496 LF 8" Galvanized Schedule 40 Grooved Pipe	188.97	46.29
23 21 13 23-1497 LF 10" Galvanized Schedule 40 Grooved Pipe	270.70	55.27
23 21 13 23-1498 LF 12" Galvanized Schedule 40 Grooved Pipe	320.53	63.46
23 21 13 23-1499 Schedule 80 Galvanized Grooved Pipe (23 21 13 23-1440)		
23 21 13 23-1500 LF 3/4" Galvanized Schedule 80 Grooved Pipe	19.81	8.29
23 21 13 23-1501 LF 1" Galvanized Schedule 80 Grooved Pipe	26.65	8.78
23 21 13 23-1502 LF 1-1/4" Galvanized Schedule 80 Grooved Pipe	26.58	9.77
23 21 13 23-1503 LF 1-1/2" Galvanized Schedule 80 Grooved Pipe	35.23	11.64
23 21 13 23-1504 LF 2" Galvanized Schedule 80 Grooved Pipe	39.45	14.11
23 21 13 23-1505 LF 2-1/2" Galvanized Schedule 80 Grooved Pipe	56.11	19.44
23 21 13 23-1506 LF 3" Galvanized Schedule 80 Grooved Pipe	68.14	21.81
23 21 13 23-1507 LF 4" Galvanized Schedule 80 Grooved Pipe	87.35	23.79
23 21 13 23-1508 LF 5" Galvanized Schedule 80 Grooved Pipe	134.07	29.91
23 21 13 23-1509 LF 6" Galvanized Schedule 80 Grooved Pipe	172.05	42.84
23 21 13 23-1510 LF 8" Galvanized Schedule 80 Grooved Pipe	263.74	48.96
23 21 13 23-1511 LF 10" Galvanized Schedule 80 Grooved Pipe	313.53	59.12
23 21 13 23-1512 LF 12" Galvanized Schedule 80 Grooved Pipe	341.32	71.46
23 21 13 23-1513 Painted Grooved-Joint Pipe Fittings (23 21 13 23)		
Note: Couplings are not included with fittings.		
23 21 13 23-1514 Grooved Elbows (23 21 13 23-1513)		
23 21 13 23-1515 90 Degree Grooved Elbows (23 21 13 23-1514)		
Note: Victaulic No. 10		
23 21 13 23-1516 EA 3/4", Ductile Iron, Grooved 90 Degree Elbow	90.46	10.76
For Galvanized Fittings, Add		24.53
23 21 13 23-1517 EA 1", Ductile Iron, Grooved 90 Degree Elbow	90.46	10.76
For Galvanized Fittings, Add		24.53

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1518	EA	1-1/4", Ductile Iron, Grooved 90 Degree Elbow	94.49	13.43
			<i>For Galvanized Fittings, Add</i>	24.53	
23 21	13 23-1519	EA	1-1/2", Ductile Iron, Grooved 90 Degree Elbow	98.76	16.29
			<i>For Galvanized Fittings, Add</i>	24.53	
23 21	13 23-1520	EA	2", Ductile Iron, Grooved 90 Degree Elbow	106.59	21.52
			<i>For Galvanized Fittings, Add</i>	24.53	
23 21	13 23-1521	EA	2-1/2", Ductile Iron, Grooved 90 Degree Elbow	113.62	26.26
			<i>For Galvanized Fittings, Add</i>	24.53	
23 21	13 23-1522	EA	3", Ductile Iron, Grooved 90 Degree Elbow	179.67	31.78
			<i>For Galvanized Fittings, Add</i>	43.57	
23 21	13 23-1523	EA	4", Ductile Iron, Grooved 90 Degree Elbow	206.69	41.94
			<i>For Galvanized Fittings, Add</i>	47.46	
23 21	13 23-1524	EA	5", Ductile Iron, Grooved 90 Degree Elbow	428.66	52.40
			<i>For Galvanized Fittings, Add</i>	115.53	
23 21	13 23-1525	EA	6", Ductile Iron, Grooved 90 Degree Elbow	509.66	68.59
			<i>For Galvanized Fittings, Add</i>	134.26	
23 21	13 23-1526	EA	8", Ductile Iron, Grooved 90 Degree Elbow	978.68	81.63
			<i>For Galvanized Fittings, Add</i>	282.57	
23 21	13 23-1527	EA	10", Ductile Iron, Grooved 90 Degree Elbow	1,476.89	95.24
			<i>For Galvanized Fittings, Add</i>	440.25	
23 21	13 23-1528	EA	12", Ductile Iron, Grooved 90 Degree Elbow	2,309.70	114.29
			<i>For Galvanized Fittings, Add</i>	705.65	
23 21	13 23-1529	EA	14", Steel, Grooved 90 Degree Elbow	4,640.44	129.00
			<i>For Galvanized Fittings, Add</i>	1,467.51	
23 21	13 23-1530	EA	16", Steel, Grooved 90 Degree Elbow	6,033.10	142.82
			<i>For Galvanized Fittings, Add</i>	1,920.25	
23 21	13 23-1531	EA	18", Steel, Grooved 90 Degree Elbow	7,614.01	156.04
			<i>For Galvanized Fittings, Add</i>	2,435.44	
23 21	13 23-1532	EA	20", Steel, Grooved 90 Degree Elbow	9,941.55	162.26
			<i>For Galvanized Fittings, Add</i>	3,200.41	
23 21	13 23-1533	EA	24", Steel, Grooved 90 Degree Elbow	14,243.56	191.87
			<i>For Galvanized Fittings, Add</i>	4,605.47	
23 21 13 23-1534 45 Degree Grooved Elbows (23 21 13 23-1514)					
Note: Victaulic No. 11					
23 21	13 23-1535	EA	3/4", Ductile Iron, Grooved 45 Degree Elbow	90.41	10.76
			<i>For Galvanized Fittings, Add</i>	17.83	
23 21	13 23-1536	EA	1", Ductile Iron, Grooved 45 Degree Elbow	90.41	10.76
			<i>For Galvanized Fittings, Add</i>	17.83	
23 21	13 23-1537	EA	1-1/4", Ductile Iron, Grooved 45 Degree Elbow	94.44	13.43
			<i>For Galvanized Fittings, Add</i>	17.83	
23 21	13 23-1538	EA	1-1/2", Ductile Iron, Grooved 45 Degree Elbow	98.71	16.29
			<i>For Galvanized Fittings, Add</i>	17.83	
23 21	13 23-1539	EA	2", Ductile Iron, Grooved 45 Degree Elbow	106.54	21.52
			<i>For Galvanized Fittings, Add</i>	17.83	
23 21	13 23-1540	EA	2-1/2", Ductile Iron, Grooved 45 Degree Elbow	113.57	26.26
			<i>For Galvanized Fittings, Add</i>	17.83	
23 21	13 23-1541	EA	3", Ductile Iron, Grooved 45 Degree Elbow	179.62	31.78
			<i>For Galvanized Fittings, Add</i>	31.68	
23 21	13 23-1542	EA	4", Ductile Iron, Grooved 45 Degree Elbow	206.69	41.94
			<i>For Galvanized Fittings, Add</i>	34.52	
23 21	13 23-1543	EA	5", Ductile Iron, Grooved 45 Degree Elbow	428.66	52.40
			<i>For Galvanized Fittings, Add</i>	84.02	
23 21	13 23-1544	EA	6", Ductile Iron, Grooved 45 Degree Elbow	509.66	68.59
			<i>For Galvanized Fittings, Add</i>	97.64	
23 21	13 23-1545	EA	8", Ductile Iron, Grooved 45 Degree Elbow	978.68	81.63
			<i>For Galvanized Fittings, Add</i>	205.51	
23 21	13 23-1546	EA	10", Ductile Iron, Grooved 45 Degree Elbow	1,476.89	95.24
			<i>For Galvanized Fittings, Add</i>	320.18	
23 21	13 23-1547	EA	12", Ductile Iron, Grooved 45 Degree Elbow	2,309.70	114.29
			<i>For Galvanized Fittings, Add</i>	513.20	
23 21	13 23-1548	EA	14", Steel, Grooved 45 Degree Elbow	4,640.44	129.00
			<i>For Galvanized Fittings, Add</i>	1,067.28	
23 21	13 23-1549	EA	16", Steel, Grooved 45 Degree Elbow	6,033.10	142.82
			<i>For Galvanized Fittings, Add</i>	1,396.54	
23 21	13 23-1550	EA	18", Steel, Grooved 45 Degree Elbow	7,614.01	156.04
			<i>For Galvanized Fittings, Add</i>	1,771.23	
23 21	13 23-1551	EA	20", Steel, Grooved 45 Degree Elbow	9,941.99	162.56
			<i>For Galvanized Fittings, Add</i>	2,327.57	
23 21	13 23-1552	EA	24", Steel, Grooved 45 Degree Elbow	14,243.56	191.87
			<i>For Galvanized Fittings, Add</i>	3,349.44	
23 21 13 23-1553 22-1/2 Degree Grooved Elbows (23 21 13 23-1514)					
Note: Victaulic No. 12					
23 21	13 23-1554	EA	1", Ductile Iron, Grooved 22-1/2 Degree Elbow	95.30	10.76
			<i>For Galvanized Fittings, Add</i>	19.00	
23 21	13 23-1555	EA	1-1/4", Ductile Iron, Grooved 22-1/2 Degree Elbow	99.33	13.43
			<i>For Galvanized Fittings, Add</i>	19.00	
23 21	13 23-1556	EA	1-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	103.60	16.29
			<i>For Galvanized Fittings, Add</i>	19.00	
23 21	13 23-1557	EA	2", Ductile Iron, Grooved 22-1/2 Degree Elbow	111.43	21.52
			<i>For Galvanized Fittings, Add</i>	19.00	
23 21	13 23-1558	EA	2-1/2", Ductile Iron, Grooved 22-1/2 Degree Elbow	118.46	26.26
			<i>For Galvanized Fittings, Add</i>	19.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1559 EA 3", Ductile Iron, Grooved 22-1/2 Degree Elbow	163.42	31.78
<i>For Galvanized Fittings, Add</i>	27.79	
23 21 13 23-1560 EA 4", Ductile Iron, Grooved 22-1/2 Degree Elbow	218.13	41.94
<i>For Galvanized Fittings, Add</i>	37.26	
23 21 13 23-1561 EA 5", Ductile Iron, Grooved 22-1/2 Degree Elbow	560.05	52.40
<i>For Galvanized Fittings, Add</i>	115.55	
23 21 13 23-1562 EA 6", Ductile Iron, Grooved 22-1/2 Degree Elbow	542.65	68.59
<i>For Galvanized Fittings, Add</i>	105.56	
23 21 13 23-1563 EA 8", Ductile Iron, Grooved 22-1/2 Degree Elbow	1,042.69	81.63
<i>For Galvanized Fittings, Add</i>	220.87	
23 21 13 23-1564 EA 10", Steel, Grooved 22-1/2 Degree Elbow	1,406.25	95.24
<i>For Galvanized Fittings, Add</i>	303.23	
23 21 13 23-1565 EA 12", Steel, Grooved 22-1/2 Degree Elbow	1,879.44	114.29
<i>For Galvanized Fittings, Add</i>	409.94	
23 21 13 23-1566 EA 14", Steel, Grooved 22-1/2 Degree Elbow	2,166.32	129.00
<i>For Galvanized Fittings, Add</i>	473.49	
23 21 13 23-1567 EA 16", Steel, Grooved 22-1/2 Degree Elbow	2,580.36	142.82
<i>For Galvanized Fittings, Add</i>	567.89	
23 21 13 23-1568 EA 18", Steel, Grooved 22-1/2 Degree Elbow	3,099.54	156.04
<i>For Galvanized Fittings, Add</i>	687.75	
23 21 13 23-1569 EA 20", Steel, Grooved 22-1/2 Degree Elbow	3,631.28	162.26
<i>For Galvanized Fittings, Add</i>	813.11	
23 21 13 23-1570 EA 24", Steel, Grooved 22-1/2 Degree Elbow	4,840.25	191.87
<i>For Galvanized Fittings, Add</i>	1,092.64	
23 21 13 23-1571 11-1/4 Degree Grooved Elbows <small>(23 21 13 23-1514)</small>		
Note: Victaulic No. 13		
23 21 13 23-1572 EA 1", Ductile Iron, Grooved 11-1/4 Degree Elbow	95.30	10.76
<i>For Galvanized Fittings, Add</i>	19.00	
23 21 13 23-1573 EA 1-1/4", Ductile Iron, Grooved 11-1/4 Degree Elbow	99.33	13.43
<i>For Galvanized Fittings, Add</i>	19.00	
23 21 13 23-1574 EA 1-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	103.60	16.29
<i>For Galvanized Fittings, Add</i>	19.00	
23 21 13 23-1575 EA 2", Ductile Iron, Grooved 11-1/4 Degree Elbow	111.43	21.52
<i>For Galvanized Fittings, Add</i>	19.00	
23 21 13 23-1576 EA 2-1/2", Ductile Iron, Grooved 11-1/4 Degree Elbow	118.46	26.26
<i>For Galvanized Fittings, Add</i>	19.00	
23 21 13 23-1577 EA 3", Ductile Iron, Grooved 11-1/4 Degree Elbow	163.41	31.78
<i>For Galvanized Fittings, Add</i>	27.79	
23 21 13 23-1578 EA 4", Ductile Iron, Grooved 11-1/4 Degree Elbow	218.12	41.94
<i>For Galvanized Fittings, Add</i>	37.26	
23 21 13 23-1579 EA 5", Ductile Iron, Grooved 11-1/4 Degree Elbow	560.03	52.40
<i>For Galvanized Fittings, Add</i>	115.55	
23 21 13 23-1580 EA 6", Ductile Iron, Grooved 11-1/4 Degree Elbow	542.63	68.59
<i>For Galvanized Fittings, Add</i>	105.56	
23 21 13 23-1581 EA 8", Ductile Iron, Grooved 11-1/4 Degree Elbow	1,042.64	81.63
<i>For Galvanized Fittings, Add</i>	220.86	
23 21 13 23-1582 EA 10", Steel, Grooved 11-1/4 Degree Elbow	1,406.17	95.24
<i>For Galvanized Fittings, Add</i>	303.21	
23 21 13 23-1583 EA 12", Steel, Grooved 11-1/4 Degree Elbow	1,879.35	114.29
<i>For Galvanized Fittings, Add</i>	409.92	
23 21 13 23-1584 EA 14", Steel, Grooved 11-1/4 Degree Elbow	2,166.22	129.00
<i>For Galvanized Fittings, Add</i>	473.46	
23 21 13 23-1585 EA 16", Steel, Grooved 11-1/4 Degree Elbow	2,580.26	142.91
<i>For Galvanized Fittings, Add</i>	567.85	
23 21 13 23-1586 EA 18", Steel, Grooved 11-1/4 Degree Elbow	3,099.36	156.04
<i>For Galvanized Fittings, Add</i>	687.72	
23 21 13 23-1587 EA 20", Steel, Grooved 11-1/4 Degree Elbow	3,631.09	162.26
<i>For Galvanized Fittings, Add</i>	813.06	
23 21 13 23-1588 EA 24", Steel, Grooved 11-1/4 Degree Elbow	4,840.00	191.87
<i>For Galvanized Fittings, Add</i>	1,092.58	
23 21 13 23-1589 90 Degree Grooved Long Radius Elbows <small>(23 21 13 23-1514)</small>		
Note: Victaulic No. 100		
23 21 13 23-1590 EA 2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	202.19	21.52
<i>For Galvanized Fittings, Add</i>	40.78	
23 21 13 23-1591 EA 2-1/2", Ductile Iron, Grooved 90 Degree Long Radius Elbow	532.35	26.26
<i>For Galvanized Fittings, Add</i>	118.33	
23 21 13 23-1592 EA 3", Ductile Iron, Grooved 90 Degree Long Radius Elbow	217.56	31.78
<i>For Galvanized Fittings, Add</i>	40.78	
23 21 13 23-1593 EA 4", Ductile Iron, Grooved 90 Degree Long Radius Elbow	317.42	41.94
<i>For Galvanized Fittings, Add</i>	61.09	
23 21 13 23-1594 EA 5", Ductile Iron, Grooved 90 Degree Long Radius Elbow	1,383.29	52.40
<i>For Galvanized Fittings, Add</i>	313.13	
23 21 13 23-1595 EA 6", Ductile Iron, Grooved 90 Degree Long Radius Elbow	847.47	68.59
<i>For Galvanized Fittings, Add</i>	178.72	
23 21 13 23-1596 EA 8", Ductile Iron, Grooved, 90 Degree Long Radius Elbow	1,908.58	81.63
<i>For Galvanized Fittings, Add</i>	428.68	
23 21 13 23-1597 EA 10", Ductile Iron, Grooved 90 Degree Long Radius Elbow	3,846.29	95.24
<i>For Galvanized Fittings, Add</i>	888.84	
23 21 13 23-1598 EA 12", Ductile Iron, Grooved 90 Degree Long Radius Elbow	4,587.78	114.29
<i>For Galvanized Fittings, Add</i>	1,059.94	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 21 13 23-1599		Grooved Tees, Wyes And Crosses (23 21 13 23-1513)			
23 21 13 23-1600		Grooved Tees (23 21 13 23-1599) Note: Victaulic No. 20			
23 21 13 23-1601	EA	3/4", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	134.80 34.07		14.11
23 21 13 23-1602	EA	1", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	138.01 34.07		16.29
23 21 13 23-1603	EA	1-1/4", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	143.45 34.07		19.94
23 21 13 23-1604	EA	1-1/2", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	150.23 34.07		24.47
23 21 13 23-1605	EA	2", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	161.02 34.07		31.68
23 21 13 23-1606	EA	2-1/2", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	171.79 34.07		38.79
23 21 13 23-1607	EA	3", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	230.53 47.73		47.67
23 21 13 23-1608	EA	4", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	336.50 73.22		61.69
23 21 13 23-1609	EA	5", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	693.48 171.77		80.64
23 21 13 23-1610	EA	6", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	812.96 198.53		100.87
23 21 13 23-1611	EA	8", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	1,629.13 433.66		122.49
23 21 13 23-1612	EA	10", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	2,795.50 774.40		142.82
23 21 13 23-1613	EA	12", Ductile Iron, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	3,870.87 1,084.16		171.44
23 21 13 23-1614	EA	14", Steel, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	4,227.97 1,182.71		190.49
23 21 13 23-1615	EA	16", Steel, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	5,309.05 1,506.55		191.57
23 21 13 23-1616	EA	18", Steel, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	6,605.82 1,886.71		211.31
23 21 13 23-1617	EA	20", Steel, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	9,332.93 2,703.35		214.67
23 21 13 23-1618	EA	24", Steel, Grooved Tee..... <i>For Galvanized Fittings, Add</i>	14,240.68 4,153.58		263.72
23 21 13 23-1619		Grooved Wyes (90 Degree True Wye) (23 21 13 23-1599) Note: Victaulic No. 33			
23 21 13 23-1620	EA	1", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	503.65 76.68		16.29
23 21 13 23-1621	EA	1-1/4", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	509.09 76.68		19.94
23 21 13 23-1622	EA	1-1/2", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	515.87 76.68		24.47
23 21 13 23-1623	EA	2", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	526.66 76.68		31.68
23 21 13 23-1624	EA	2-1/2", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	537.43 76.68		38.79
23 21 13 23-1625	EA	3", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	644.26 91.65		47.67
23 21 13 23-1626	EA	4", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	842.75 120.05		61.69
23 21 13 23-1627	EA	5", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	1,196.36 172.07		80.64
23 21 13 23-1628	EA	6", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	1,481.85 212.90		100.87
23 21 13 23-1629	EA	8", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	2,100.09 306.64		122.49
23 21 13 23-1630	EA	10", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	3,522.02 529.25		142.82
23 21 13 23-1631	EA	12", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	3,911.41 584.70		171.44
23 21 13 23-1632	EA	14", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	4,458.50 667.67		190.49
23 21 13 23-1633	EA	16", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	5,706.99 867.21		191.37
23 21 13 23-1634	EA	18", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	6,517.07 991.99		211.51
23 21 13 23-1635	EA	20", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	9,313.28 1,438.72		214.27
23 21 13 23-1636	EA	24", Steel, Grooved Wye..... <i>For Galvanized Fittings, Add</i>	14,375.47 2,236.81		263.72
23 21 13 23-1637		Grooved Crosses (23 21 13 23-1599) Note: Victaulic No. 35			
23 21 13 23-1638	EA	3/4", Steel, Grooved Cross..... <i>For Galvanized Fittings, Add</i>	342.09 46.54		21.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1639 EA 1", Steel, Grooved Cross	346.91	24.47
For Galvanized Fittings, Add	46.54	
23 21 13 23-1640 EA 1-1/4", Steel, Grooved Cross	419.25	29.91
For Galvanized Fittings, Add	56.17	
23 21 13 23-1641 EA 1-1/2", Steel, Grooved Cross	458.47	36.72
For Galvanized Fittings, Add	60.53	
23 21 13 23-1642 EA 2", Steel, Grooved Cross	299.18	47.48
For Galvanized Fittings, Add	34.20	
23 21 13 23-1643 EA 2-1/2", Steel, Grooved Cross	315.34	58.23
For Galvanized Fittings, Add	34.20	
23 21 13 23-1644 EA 3", Steel, Grooved Cross	516.92	71.46
For Galvanized Fittings, Add	61.46	
23 21 13 23-1645 EA 4", Steel, Grooved Cross	820.77	92.48
For Galvanized Fittings, Add	102.31	
23 21 13 23-1646 EA 5", Steel, Grooved Cross	1,574.80	120.91
For Galvanized Fittings, Add	209.02	
23 21 13 23-1647 EA 6", Steel, Grooved Cross	2,019.62	151.31
For Galvanized Fittings, Add	268.93	
23 21 13 23-1648 EA 8", Steel, Grooved Cross	2,636.56	183.67
For Galvanized Fittings, Add	354.18	
23 21 13 23-1649 EA 10", Steel, Grooved Cross	4,348.39	214.27
For Galvanized Fittings, Add	604.07	
23 21 13 23-1650 EA 12", Steel, Grooved Cross	6,196.98	257.20
For Galvanized Fittings, Add	871.72	
23 21 13 23-1651 EA 14", Steel, Grooved Cross	6,449.33	285.73
For Galvanized Fittings, Add	903.14	
23 21 13 23-1652 EA 16", Steel, Grooved Cross	8,307.22	287.41
For Galvanized Fittings, Add	1,181.46	
23 21 13 23-1653 EA 18", Steel, Grooved Cross	10,129.72	316.92
For Galvanized Fittings, Add	1,448.19	
23 21 13 23-1654 EA 20", Steel, Grooved Cross	14,160.39	321.86
For Galvanized Fittings, Add	2,051.67	
23 21 13 23-1655 EA 24", Steel, Grooved Cross	21,708.63	395.58
For Galvanized Fittings, Add	3,167.33	
23 21 13 23-1656 Grooved Reducing Tees (23 21 13 23-1599)		
Note: Victaulic No. 25		
23 21 13 23-1657 EA 1", Steel, Grooved Reducing Tee	243.58	16.29
For Galvanized Fittings, Add	43.83	
23 21 13 23-1658 EA 1-1/4", Steel, Grooved Reducing Tee	255.90	19.94
For Galvanized Fittings, Add	45.21	
23 21 13 23-1659 EA 1-1/2", Steel, Grooved Reducing Tee	268.31	24.47
For Galvanized Fittings, Add	46.33	
23 21 13 23-1660 EA 2", Steel, Grooved Reducing Tee	318.65	31.68
For Galvanized Fittings, Add	54.24	
23 21 13 23-1661 EA 2-1/2", Steel, Grooved Reducing Tee	357.33	38.79
For Galvanized Fittings, Add	59.82	
23 21 13 23-1662 EA 3", Steel, Grooved Reducing Tee	398.84	47.67
For Galvanized Fittings, Add	65.48	
23 21 13 23-1663 EA 4", Steel, Grooved Reducing Tee	534.00	61.69
For Galvanized Fittings, Add	88.31	
23 21 13 23-1664 EA 5", Steel, Grooved Reducing Tee	703.93	80.64
For Galvanized Fittings, Add	116.61	
23 21 13 23-1665 EA 6", Steel, Grooved Reducing Tee	971.38	100.87
For Galvanized Fittings, Add	164.04	
23 21 13 23-1666 EA 8", Steel, Grooved Reducing Tee	1,536.89	122.49
For Galvanized Fittings, Add	270.66	
23 21 13 23-1667 EA 10", Steel, Grooved Reducing Tee	2,209.22	142.82
For Galvanized Fittings, Add	399.01	
23 21 13 23-1668 EA 12", Steel, Grooved Reducing Tee	3,200.04	171.44
For Galvanized Fittings, Add	588.60	
23 21 13 23-1669 EA 14", Steel, Grooved Reducing Tee	3,628.22	190.49
For Galvanized Fittings, Add	668.53	
23 21 13 23-1670 EA 16", Steel, Grooved Reducing Tee	4,629.24	191.57
For Galvanized Fittings, Add	868.40	
23 21 13 23-1671 EA 18", Steel, Grooved Reducing Tee	5,632.44	211.31
For Galvanized Fittings, Add	1,063.14	
23 21 13 23-1672 EA 20", Steel, Grooved Reducing Tee	7,924.11	214.57
For Galvanized Fittings, Add	1,520.48	
23 21 13 23-1673 EA 24", Steel, Grooved Reducing Tee	12,641.33	263.72
For Galvanized Fittings, Add	2,449.18	
23 21 13 23-1674 Grooved 45 Degree Lateral Wyes (23 21 13 23-1599)		
Note: Victaulic No. 30		
23 21 13 23-1675 EA 3/4", Steel, Grooved, 45 Degree Lateral Wye	475.04	14.11
For Galvanized Fittings, Add	81.69	
23 21 13 23-1676 EA 1", Steel, Grooved, 45 Degree Lateral Wye	478.25	16.29
For Galvanized Fittings, Add	81.69	
23 21 13 23-1677 EA 1-1/4", Steel, Grooved, 45 Degree Lateral Wye	483.69	19.94
For Galvanized Fittings, Add	81.69	
23 21 13 23-1678 EA 1-1/2", Steel, Grooved, 45 Degree Lateral Wye	490.47	24.47
For Galvanized Fittings, Add	81.69	
23 21 13 23-1679 EA 2", Steel, Grooved, 45 Degree Lateral Wye	501.26	31.68
For Galvanized Fittings, Add	81.69	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1680	EA	2-1/2", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	512.03 81.69	38.79
23 21	13 23-1681	EA	3", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	463.49 70.57	47.67
23 21	13 23-1682	EA	3-1/2", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	746.60 119.56	54.97
23 21	13 23-1683	EA	4", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	865.66 139.18	61.69
23 21	13 23-1684	EA	5", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	1,250.91 203.40	80.64
23 21	13 23-1685	EA	6", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	1,971.84 327.72	100.87
23 21	13 23-1686	EA	8", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	2,805.98 472.03	122.49
23 21	13 23-1687	EA	10", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	3,915.63 666.26	142.82
23 21	13 23-1688	EA	12", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	4,732.24 805.54	171.44
23 21	13 23-1689	EA	14", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	6,817.46 1,175.74	190.49
23 21	13 23-1690	EA	16", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	8,447.30 1,468.81	191.57
23 21	13 23-1691	EA	18", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	9,438.71 1,641.95	211.31
23 21	13 23-1692	EA	20", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	14,158.20 2,490.57	214.57
23 21	13 23-1693	EA	24", Steel, Grooved, 45 Degree Lateral Wye..... <i>For Galvanized Fittings, Add</i>	21,896.31 3,870.16	263.72
23 21	13 23-1694		Grooved 45 Degree Lateral Reducing Wyes (23 21 13 23-1599) Note: Victaulic No. 30R		
23 21	13 23-1695	EA	3", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	463.49 50.97	47.67
23 21	13 23-1696	EA	4", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	865.66 100.52	61.69
23 21	13 23-1697	EA	5", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	1,250.91 146.90	80.64
23 21	13 23-1698	EA	6", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	1,611.17 189.80	100.87
23 21	13 23-1699	EA	8", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	2,291.20 273.99	122.49
23 21	13 23-1700	EA	10", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	2,795.40 335.56	142.82
23 21	13 23-1701	EA	12", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	3,393.84 407.79	171.44
23 21	13 23-1702	EA	14", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	3,799.62 456.82	190.49
23 21	13 23-1703	EA	16", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	4,829.43 590.48	191.57
23 21	13 23-1704	EA	18", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	7,291.29 906.69	211.31
23 21	13 23-1705	EA	20", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	10,530.61 1,327.16	214.57
23 21	13 23-1706	EA	24", Steel, Grooved 45 Degree Lateral Reducing Wye..... <i>For Galvanized Fittings, Add</i>	16,924.04 2,148.72	263.72
23 21	13 23-1707		Mechanical-T Outlet (23 21 13 23-1599) Note: Includes making opening in pipe. Grooved or treaded branch outlets. Victaulic Styles 920 or 921.		
23 21	13 23-1708	EA	2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	146.53 18.72	35.53
23 21	13 23-1709	EA	2" x 1" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	146.53 18.72	35.53
23 21	13 23-1710	EA	2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet..... <i>For Galvanized Fittings, Add</i>	158.31 21.64	35.53
23 21	13 23-1711	EA	2" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	158.31	35.53
23 21	13 23-1712	EA	2-1/2" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	155.41	39.98
23 21	13 23-1713	EA	2-1/2" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	155.41	39.98
23 21	13 23-1714	EA	2-1/2" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	186.52	39.98
23 21	13 23-1715	EA	3" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	175.74	44.41
23 21	13 23-1716	EA	3" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	175.74	44.41
23 21	13 23-1717	EA	3" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	200.78	44.41
23 21	13 23-1718	EA	3" x 1-1/2" Mechanical-T Outlet With Threaded Branch Outlet.....	200.78	44.41
23 21	13 23-1719	EA	3" x 2" Mechanical-T Outlet With Threaded Branch Outlet.....	217.93	44.41
23 21	13 23-1720	EA	4" x 3/4" Mechanical-T Outlet With Threaded Branch Outlet.....	229.25	59.22
23 21	13 23-1721	EA	4" x 1" Mechanical-T Outlet With Threaded Branch Outlet.....	229.25	59.22
23 21	13 23-1722	EA	4" x 1-1/4" Mechanical-T Outlet With Threaded Branch Outlet.....	248.80	59.22
23 21	13 23-1723	EA	4" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	254.29	59.22
23 21	13 23-1724	EA	4" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	254.29	59.22
23 21	13 23-1725	EA	4" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	259.78	59.22
23 21	13 23-1726	EA	4" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	270.30	59.22
23 21	13 23-1727	EA	5" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	329.69	81.42
23 21	13 23-1728	EA	5" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	329.69	81.42
23 21	13 23-1729	EA	5" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	339.18	81.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1730 EA 5" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	351.07	81.42
23 21 13 23-1731 EA 6" x 1-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	378.00	103.63
23 21 13 23-1732 EA 6" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	378.00	103.63
23 21 13 23-1733 EA 6" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	391.95	103.63
23 21 13 23-1734 EA 6" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	403.73	103.63
23 21 13 23-1735 EA 6" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	424.65	103.63
23 21 13 23-1736 EA 8" x 2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	576.50	137.18
23 21 13 23-1737 EA 8" x 2-1/2" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	576.50	137.18
23 21 13 23-1738 EA 8" x 3" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	593.31	137.18
23 21 13 23-1739 EA 8" x 4" Mechanical-T Outlet With Threaded Or Grooved Outlet.....	603.26	137.18
23 21 13 23-1740 Installation-Ready™ Grooved Fittings (23 21 13 23-1513)		
23 21 13 23-1741 Installation-Ready™ 90 Degree Grooved Elbows (23 21 13 23-1740)		
Note: Victaulic No. 101		
23 21 13 23-1742 EA 1-1/4" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	256.72	9.77
For Galvanized Fittings, Add	79.83	
For Galvanized Fittings, Add	61.93	
23 21 13 23-1743 EA 1-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	266.80	11.72
For Galvanized Fittings, Add	82.18	
For Galvanized Fittings, Add	63.75	
23 21 13 23-1744 EA 2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	274.50	15.63
For Galvanized Fittings, Add	82.77	
For Galvanized Fittings, Add	64.21	
23 21 13 23-1745 EA 2-1/2" Ductile Iron, Grooved, Installation-Ready™ 90 Degree Elbow	332.00	19.54
For Galvanized Fittings, Add	99.79	
For Galvanized Fittings, Add	77.41	
23 21 13 23-1746 Installation-Ready™ 45 Degree Grooved Elbows (23 21 13 23-1740)		
Note: Victaulic No. 103		
23 21 13 23-1747 EA 1-1/4" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	256.72	9.77
For Galvanized Fittings, Add	61.93	
For Galvanized Fittings, Add	58.06	
23 21 13 23-1748 EA 1-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	266.80	11.72
For Galvanized Fittings, Add	63.75	
For Galvanized Fittings, Add	59.77	
23 21 13 23-1749 EA 2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	274.50	15.63
For Galvanized Fittings, Add	64.21	
For Galvanized Fittings, Add	60.19	
23 21 13 23-1750 EA 2-1/2" Ductile Iron, Grooved, Installation-Ready™ 45 Degree Elbow	332.00	19.54
For Galvanized Fittings, Add	77.41	
For Galvanized Fittings, Add	72.57	
23 21 13 23-1751 Installation-Ready™ Grooved Tees (23 21 13 23-1740)		
Note: Victaulic No. 102		
23 21 13 23-1752 EA 1-1/4" Ductile Iron, Grooved, Installation-Ready™ Tee	393.28	13.03
For Galvanized Fittings, Add	112.06	
For Galvanized Fittings, Add	95.63	
23 21 13 23-1753 EA 1-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	409.68	15.63
For Galvanized Fittings, Add	115.80	
For Galvanized Fittings, Add	98.81	
23 21 13 23-1754 EA 2" Ductile Iron, Grooved, Installation-Ready™ Tee	422.91	20.84
For Galvanized Fittings, Add	117.40	
For Galvanized Fittings, Add	100.18	
23 21 13 23-1755 EA 2-1/2" Ductile Iron, Grooved, Installation-Ready™ Tee	491.28	26.06
For Galvanized Fittings, Add	135.54	
For Galvanized Fittings, Add	115.66	
23 21 13 23-1756 Grooved Fittings (23 21 13 23-1513)		
23 21 13 23-1757 Flanged Adapter Nipple, Grooved (23 21 13 23-1756)		
Note: Victaulic No. 41 and 45		
23 21 13 23-1758 EA 1" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	337.15	11.84
For 300 LB Rating, Add	47.91	
For Galvanized Fittings, Add	57.49	
23 21 13 23-1759 EA 1-1/4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	339.12	13.12
For 300 LB Rating, Add	47.91	
For Galvanized Fittings, Add	57.49	
23 21 13 23-1760 EA 1-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	344.06	16.48
For 300 LB Rating, Add	47.91	
For Galvanized Fittings, Add	57.49	
23 21 13 23-1761 EA 2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	354.44	23.39
For 300 LB Rating, Add	47.91	
For Galvanized Fittings, Add	57.49	
23 21 13 23-1762 EA 2-1/2" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	361.86	28.32
For 300 LB Rating, Add	47.91	
For Galvanized Fittings, Add	57.49	
23 21 13 23-1763 EA 3" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	459.37	33.86
For 300 LB Rating, Add	61.30	
For Galvanized Fittings, Add	73.56	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1764	EA	4" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	555.71	45.60
			<i>For 300 LB Rating, Add</i>	73.11	
			<i>For Galvanized Fittings, Add</i>	87.73	
23 21	13 23-1765	EA	5" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	779.14	55.18
			<i>For 300 LB Rating, Add</i>	104.46	
			<i>For Galvanized Fittings, Add</i>	125.36	
23 21	13 23-1766	EA	6" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	906.34	74.52
			<i>For 300 LB Rating, Add</i>	119.19	
			<i>For Galvanized Fittings, Add</i>	143.03	
23 21	13 23-1767	EA	8" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	1,248.00	100.87
			<i>For 300 LB Rating, Add</i>	164.52	
			<i>For Galvanized Fittings, Add</i>	197.42	
23 21	13 23-1768	EA	10" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	1,973.41	122.49
			<i>For 300 LB Rating, Add</i>	268.47	
			<i>For Galvanized Fittings, Add</i>	322.17	
23 21	13 23-1769	EA	12" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	2,661.41	142.82
			<i>For 300 LB Rating, Add</i>	367.08	
			<i>For Galvanized Fittings, Add</i>	440.50	
23 21	13 23-1770	EA	14" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	3,142.97	171.44
			<i>For 300 LB Rating, Add</i>	432.89	
			<i>For Galvanized Fittings, Add</i>	519.47	
23 21	13 23-1771	EA	16" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	4,730.01	190.49
			<i>For 300 LB Rating, Add</i>	666.66	
			<i>For Galvanized Fittings, Add</i>	800.00	
23 21	13 23-1772	EA	18" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	5,648.71	285.73
			<i>For 300 LB Rating, Add</i>	783.05	
			<i>For Galvanized Fittings, Add</i>	939.66	
23 21	13 23-1773	EA	20" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	5,955.34	342.87
			<i>For 300 LB Rating, Add</i>	816.19	
			<i>For Galvanized Fittings, Add</i>	979.43	
23 21	13 23-1774	EA	24" Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150.....	9,958.06	380.97
			<i>For 300 LB Rating, Add</i>	1,408.03	
			<i>For Galvanized Fittings, Add</i>	1,689.64	
23 21 13 23-1775 Grooved Concentric Reducers (23 21 13 23-1756)					
Note: Victaulic No. 50					
23 21	13 23-1776	EA	1-1/4" x 3/4", Grooved Concentric Reducer.....	358.42	11.84
			<i>For Galvanized Fittings, Add</i>	14.99	
23 21	13 23-1777	EA	1-1/4" x 1", Grooved Concentric Reducer.....	374.76	12.54
			<i>For Galvanized Fittings, Add</i>	15.66	
23 21	13 23-1778	EA	1-1/2" x 3/4", Grooved Concentric Reducer.....	422.30	13.52
			<i>For Galvanized Fittings, Add</i>	48.33	
23 21	13 23-1779	EA	1-1/2" x 1", Grooved Concentric Reducer.....	107.32	14.11
			<i>For Galvanized Fittings, Add</i>	10.35	
23 21	13 23-1780	EA	1-1/2" x 1-1/4", Grooved Concentric Reducer.....	355.47	14.81
			<i>For Galvanized Fittings, Add</i>	40.06	
23 21	13 23-1781	EA	2" x 3/4", Grooved Concentric Reducer.....	110.28	16.09
			<i>For Galvanized Fittings, Add</i>	10.35	
23 21	13 23-1782	EA	2" x 1", Grooved Concentric Reducer.....	111.27	16.78
			<i>For Galvanized Fittings, Add</i>	10.35	
23 21	13 23-1783	EA	2" x 1-1/4", Grooved Concentric Reducer.....	120.91	17.47
			<i>For Galvanized Fittings, Add</i>	11.39	
23 21	13 23-1784	EA	2" x 1-1/2", Grooved Concentric Reducer.....	115.27	19.44
			<i>For Galvanized Fittings, Add</i>	10.35	
23 21	13 23-1785	EA	2-1/2" x 3/4", Grooved Concentric Reducer.....	727.98	18.16
			<i>For Galvanized Fittings, Add</i>	84.23	
23 21	13 23-1786	EA	2-1/2" x 1", Grooved Concentric Reducer.....	577.91	18.85
			<i>For Galvanized Fittings, Add</i>	66.08	
23 21	13 23-1787	EA	2-1/2" x 1-1/4", Grooved Concentric Reducer.....	526.78	19.44
			<i>For Galvanized Fittings, Add</i>	59.81	
23 21	13 23-1788	EA	2-1/2" x 1-1/2", Grooved Concentric Reducer.....	118.17	21.42
			<i>For Galvanized Fittings, Add</i>	10.35	
23 21	13 23-1789	EA	2-1/2" x 2", Grooved Concentric Reducer.....	122.12	23.98
			<i>For Galvanized Fittings, Add</i>	10.35	
23 21	13 23-1790	EA	3" x 3/4", Grooved Concentric Reducer.....	736.93	21.12
			<i>For Galvanized Fittings, Add</i>	107.21	
23 21	13 23-1791	EA	3" x 1", Grooved Concentric Reducer.....	127.62	21.71
			<i>For Galvanized Fittings, Add</i>	14.45	
23 21	13 23-1792	EA	3" x 1-1/4", Grooved Concentric Reducer.....	579.82	22.41
			<i>For Galvanized Fittings, Add</i>	83.04	
23 21	13 23-1793	EA	3" x 1-1/2", Grooved Concentric Reducer.....	543.64	23.98
			<i>For Galvanized Fittings, Add</i>	77.16	
23 21	13 23-1794	EA	3" x 2", Grooved Concentric Reducer.....	115.50	26.65
			<i>For Galvanized Fittings, Add</i>	11.48	
23 21	13 23-1795	EA	3" x 2-1/2", Grooved Concentric Reducer.....	151.70	31.78
			<i>For Galvanized Fittings, Add</i>	15.82	
23 21	13 23-1796	EA	3-1/2" x 3", Grooved Concentric Reducer.....	162.22	34.25
			<i>For Galvanized Fittings, Add</i>	16.86	
23 21	13 23-1797	EA	4" x 1", Grooved Concentric Reducer.....	154.78	26.94
			<i>For Galvanized Fittings, Add</i>	19.60	
23 21	13 23-1798	EA	4" x 1-1/4", Grooved Concentric Reducer.....	945.13	27.64
			<i>For Galvanized Fittings, Add</i>	154.98	
23 21	13 23-1799	EA	4" x 1-1/2", Grooved Concentric Reducer.....	734.79	29.31
			<i>For Galvanized Fittings, Add</i>	118.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1800 EA 4" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	148.43 17.24	31.98
23 21 13 23-1801 EA 4" x 2-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	177.35 21.61	34.25
23 21 13 23-1802 EA 4" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	181.30 21.61	36.91
23 21 13 23-1803 EA 4" x 3-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	185.25 21.61	39.48
23 21 13 23-1804 EA 5" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,327.50 218.10	37.20
23 21 13 23-1805 EA 5" x 2-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,045.93 169.22	39.48
23 21 13 23-1806 EA 5" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	210.69 25.30	42.14
23 21 13 23-1807 EA 5" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	247.24 30.21	47.37
23 21 13 23-1808 EA 6" x 1", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	294.51 43.72	40.17
23 21 13 23-1809 EA 6" x 1-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,400.79 249.51	42.44
23 21 13 23-1810 EA 6" x 2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	301.90 43.72	45.11
23 21 13 23-1811 EA 6" x 2-1/2", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,415.81 250.93	47.37
23 21 13 23-1812 EA 6" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	309.32 43.72	50.04
23 21 13 23-1813 EA 6" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	286.97 38.08	55.27
23 21 13 23-1814 EA 6" x 5", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	392.69 56.33	60.60
23 21 13 23-1815 EA 8" x 3", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	503.56 78.13	56.65
23 21 13 23-1816 EA 8" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	511.44 78.13	61.88
23 21 13 23-1817 EA 8" x 5", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	519.35 78.13	67.11
23 21 13 23-1818 EA 8" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	646.41 99.63	75.01
23 21 13 23-1819 EA 10" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,099.98 186.01	68.79
23 21 13 23-1820 EA 10" x 5", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	2,308.40 410.03	74.03
23 21 13 23-1821 EA 10" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,212.97 203.41	81.92
23 21 13 23-1822 EA 10" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,222.82 203.41	88.53
23 21 13 23-1823 EA 12" x 4", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	3,417.27 494.97	78.37
23 21 13 23-1824 EA 12" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	1,437.31 195.02	91.49
23 21 13 23-1825 EA 12" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	2,100.07 292.95	98.11
23 21 13 23-1826 EA 12" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	2,110.50 292.95	105.01
23 21 13 23-1827 EA 14" x 6", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,774.46 203.44	98.60
23 21 13 23-1828 EA 14" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	4,047.34 119.41	105.21
23 21 13 23-1829 EA 14" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	3,452.22 100.82	112.12
23 21 13 23-1830 EA 14" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	3,466.51 100.82	121.59
23 21 13 23-1831 EA 16" x 8", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,161.17 183.98	112.22
23 21 13 23-1832 EA 16" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	5,719.41 170.10	119.13
23 21 13 23-1833 EA 16" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	5,290.53 156.50	128.70
23 21 13 23-1834 EA 16" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	5,301.19 156.50	135.80
23 21 13 23-1835 EA 18" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	8,012.46 240.20	125.74
23 21 13 23-1836 EA 18" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,257.25 216.57	135.22
23 21 13 23-1837 EA 18" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,599.85 196.06	142.33
23 21 13 23-1838 EA 18" x 16", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,610.51 196.06	149.52
23 21 13 23-1839 EA 20" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	8,817.95 264.77	129.00
23 21 13 23-1840 EA 20" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,560.77 225.74	138.58
23 21 13 23-1841 EA 20" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,571.44 225.74	145.68
23 21 13 23-1842 EA 20" x 16", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	6,752.35 200.27	152.69

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-1843	EA	20" x 18", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	7,195.33 213.56	159.30
23 21	13 23-1844	EA	24" x 10", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	19,433.80 590.01	143.50
23 21	13 23-1845	EA	24" x 12", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	18,984.04 575.76	153.08
23 21	13 23-1846	EA	24" x 14", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	16,545.71 500.58	160.09
23 21	13 23-1847	EA	24" x 16", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	16,556.43 500.58	167.29
23 21	13 23-1848	EA	24" x 18", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	14,178.37 427.28	173.80
23 21	13 23-1849	EA	24" x 20", Grooved Concentric Reducer <i>For Galvanized Fittings, Add</i>	12,950.59 389.43	177.16
23 21 13 23-1850 Grooved Eccentric Reducers (23 21 13 23-1756)					
Note: Victaulic No. 51					
23 21	13 23-1851	EA	1-1/2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	436.18 50.00	13.52
23 21	13 23-1852	EA	1-1/2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	396.68 45.13	14.11
23 21	13 23-1853	EA	1-1/2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	389.48 44.15	14.81
23 21	13 23-1854	EA	2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	832.42 97.15	16.09
23 21	13 23-1855	EA	2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	439.75 49.83	16.78
23 21	13 23-1856	EA	2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	480.67 54.63	17.47
23 21	13 23-1857	EA	2" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	409.63 45.73	19.44
23 21	13 23-1858	EA	2-1/2" x 3/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,082.28 126.82	18.16
23 21	13 23-1859	EA	2-1/2" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,011.14 118.15	18.85
23 21	13 23-1860	EA	2-1/2" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	600.03 68.62	19.44
23 21	13 23-1861	EA	2-1/2" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	484.42 54.37	21.42
23 21	13 23-1862	EA	2-1/2" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	218.23 21.90	23.98
23 21	13 23-1863	EA	3" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,086.90 126.74	21.71
23 21	13 23-1864	EA	3" x 1-1/4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	988.04 114.73	22.41
23 21	13 23-1865	EA	3" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	559.22 62.89	23.98
23 21	13 23-1866	EA	3" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	249.38 25.17	26.65
23 21	13 23-1867	EA	3" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	257.03 25.17	31.78
23 21	13 23-1868	EA	3-1/2" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,209.76 139.24	34.25
23 21	13 23-1869	EA	4" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,177.65 366.53	26.94
23 21	13 23-1870	EA	4" x 1-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,336.47 221.67	29.31
23 21	13 23-1871	EA	4" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	303.91 43.91	31.98
23 21	13 23-1872	EA	4" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	307.36 43.91	34.25
23 21	13 23-1873	EA	4" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	311.31 43.91	36.91
23 21	13 23-1874	EA	5" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,481.05 244.44	37.20
23 21	13 23-1875	EA	5" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,273.52 208.25	39.48
23 21	13 23-1876	EA	5" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	1,236.06 201.15	42.14
23 21	13 23-1877	EA	5" x 4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	419.79 59.81	47.37
23 21	13 23-1878	EA	6" x 1", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,275.87 413.44	40.17
23 21	13 23-1879	EA	6" x 2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,088.19 377.04	45.11
23 21	13 23-1880	EA	6" x 2-1/2", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,477.12 448.97	47.37
23 21	13 23-1881	EA	6" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	539.31 86.64	50.04
23 21	13 23-1882	EA	6" x 4", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	489.31 75.83	55.27
23 21	13 23-1883	EA	6" x 5", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	578.31 90.97	60.60
23 21	13 23-1884	EA	8" x 3", Grooved Eccentric Reducer <i>For Galvanized Fittings, Add</i>	2,432.59 438.08	56.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1885 EA 8" x 4", Grooved Eccentric Reducer	2,144.52	61.88
For Galvanized Fittings, Add	382.86	
23 21 13 23-1886 EA 8" x 5", Grooved Eccentric Reducer	2,010.94	67.11
For Galvanized Fittings, Add	356.46	
23 21 13 23-1887 EA 8" x 6", Grooved Eccentric Reducer	936.56	75.01
For Galvanized Fittings, Add	153.77	
23 21 13 23-1888 EA 10" x 4", Grooved Eccentric Reducer	3,868.19	68.79
For Galvanized Fittings, Add	702.55	
23 21 13 23-1889 EA 10" x 5", Grooved Eccentric Reducer	3,658.27	74.03
For Galvanized Fittings, Add	661.91	
23 21 13 23-1890 EA 10" x 6", Grooved Eccentric Reducer	2,797.82	81.92
For Galvanized Fittings, Add	499.14	
23 21 13 23-1891 EA 10" x 8", Grooved Eccentric Reducer	2,396.73	88.53
For Galvanized Fittings, Add	422.46	
23 21 13 23-1892 EA 12" x 4", Grooved Eccentric Reducer	3,945.82	78.37
For Galvanized Fittings, Add	577.70	
23 21 13 23-1893 EA 12" x 6", Grooved Eccentric Reducer	3,710.64	91.49
For Galvanized Fittings, Add	539.24	
23 21 13 23-1894 EA 12" x 8", Grooved Eccentric Reducer	3,629.08	98.11
For Galvanized Fittings, Add	525.44	
23 21 13 23-1895 EA 12" x 10", Grooved Eccentric Reducer	3,276.34	105.01
For Galvanized Fittings, Add	470.64	
23 21 13 23-1896 EA 14" x 6", Grooved Eccentric Reducer	9,164.37	98.60
For Galvanized Fittings, Add	276.81	
23 21 13 23-1897 EA 14" x 8", Grooved Eccentric Reducer	5,922.24	105.21
For Galvanized Fittings, Add	176.97	
23 21 13 23-1898 EA 14" x 10", Grooved Eccentric Reducer	5,655.48	112.12
For Galvanized Fittings, Add	168.46	
23 21 13 23-1899 EA 14" x 12", Grooved Eccentric Reducer	5,669.77	121.59
For Galvanized Fittings, Add	168.46	
23 21 13 23-1900 EA 16" x 8", Grooved Eccentric Reducer	10,125.92	112.22
For Galvanized Fittings, Add	305.70	
23 21 13 23-1901 EA 16" x 10", Grooved Eccentric Reducer	9,380.25	119.13
For Galvanized Fittings, Add	282.49	
23 21 13 23-1902 EA 16" x 12", Grooved Eccentric Reducer	8,839.11	128.70
For Galvanized Fittings, Add	265.44	
23 21 13 23-1903 EA 16" x 14", Grooved Eccentric Reducer	8,849.77	135.80
For Galvanized Fittings, Add	265.44	
23 21 13 23-1904 EA 18" x 10", Grooved Eccentric Reducer	12,703.56	125.74
For Galvanized Fittings, Add	384.21	
23 21 13 23-1905 EA 18" x 12", Grooved Eccentric Reducer	11,954.38	135.22
For Galvanized Fittings, Add	360.78	
23 21 13 23-1906 EA 18" x 14", Grooved Eccentric Reducer	10,890.36	142.33
For Galvanized Fittings, Add	327.78	
23 21 13 23-1907 EA 18" x 16", Grooved Eccentric Reducer	10,901.02	149.52
For Galvanized Fittings, Add	327.78	
23 21 13 23-1908 EA 20" x 10", Grooved Eccentric Reducer	16,685.25	129.00
For Galvanized Fittings, Add	506.30	
23 21 13 23-1909 EA 20" x 12", Grooved Eccentric Reducer	12,406.56	138.58
For Galvanized Fittings, Add	374.51	
23 21 13 23-1910 EA 20" x 14", Grooved Eccentric Reducer	11,654.60	145.68
For Galvanized Fittings, Add	351.09	
23 21 13 23-1911 EA 20" x 16", Grooved Eccentric Reducer	11,480.07	152.69
For Galvanized Fittings, Add	345.41	
23 21 13 23-1912 EA 20" x 18", Grooved Eccentric Reducer	11,058.97	159.30
For Galvanized Fittings, Add	332.18	
23 21 13 23-1913 EA 24" x 12", Grooved Eccentric Reducer	24,103.60	153.08
For Galvanized Fittings, Add	732.93	
23 21 13 23-1914 EA 24" x 14", Grooved Eccentric Reducer	20,587.59	160.09
For Galvanized Fittings, Add	624.67	
23 21 13 23-1915 EA 24" x 16", Grooved Eccentric Reducer	20,598.31	167.29
For Galvanized Fittings, Add	624.67	
23 21 13 23-1916 EA 24" x 18", Grooved Eccentric Reducer	19,453.07	173.80
For Galvanized Fittings, Add	589.21	
23 21 13 23-1917 EA 24" x 20", Grooved Eccentric Reducer	17,779.77	177.16
For Galvanized Fittings, Add	537.69	
23 21 13 23-1918 Grooved, Close Nipple <small>(23 21 13 23-1756)</small>		
Note: Victaulic No. 143		
23 21 13 23-1919 EA 1-1/4" Ductile Iron, Grooved, Close Nipple	59.47	13.03
For 300 LB Rating, Add	5.96	
For Galvanized Fittings, Add	7.15	
For Galvanized Fittings, Add	10.17	
23 21 13 23-1920 EA 1-1/2" Ductile Iron, Grooved, Close Nipple	67.96	16.29
For 300 LB Rating, Add	6.49	
For Galvanized Fittings, Add	7.79	
For Galvanized Fittings, Add	11.08	
23 21 13 23-1921 EA 2" Ductile Iron, Grooved, Close Nipple	84.75	21.50
For 300 LB Rating, Add	7.83	
For Galvanized Fittings, Add	9.39	
For Galvanized Fittings, Add	13.36	
23 21 13 23-1922 EA 2-1/2" Ductile Iron, Grooved, Close Nipple	101.14	26.06
For 300 LB Rating, Add	9.25	
For Galvanized Fittings, Add	11.10	
For Galvanized Fittings, Add	15.78	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1923			Grooved Caps (23 21 13 23-1756) Note: Victaulic No. 60		
23 21 13 23-1924	EA		1" Carbon Steel Grooved Cap	143.65	4.04
23 21 13 23-1925	EA		1-1/4" Carbon Steel Grooved Cap	145.63	5.03
23 21 13 23-1926	EA		1-1/2" Carbon Steel Grooved Cap	147.80	6.12
23 21 13 23-1927	EA		2" Carbon Steel Grooved Cap	151.65	8.09
23 21 13 23-1928	EA		2-1/2" Carbon Steel Grooved Cap	155.21	9.87
23 21 13 23-1929	EA		3" Carbon Steel Grooved Cap	159.35	11.94
23 21 13 23-1930	EA		4" Carbon Steel Grooved Cap	175.92	15.79
23 21 13 23-1931	EA		5" Carbon Steel Grooved Cap	371.19	19.65
23 21 13 23-1932	EA		6" Carbon Steel Grooved Cap	382.87	25.76
23 21 13 23-1933	EA		8" Carbon Steel Grooved Cap	691.44	30.59
23 21 13 23-1934	EA		10" Carbon Steel Grooved Cap	1,170.50	35.73
23 21 13 23-1935	EA		12" Carbon Steel Grooved Cap	2,007.47	42.84
23 21 13 23-1936			Grooved Couplings (23 21 13 23-1513)		
23 21 13 23-1937			Flexible Grooved Coupling (23 21 13 23-1936) Note: Victaulic Style 77		
23 21 13 23-1938	EA		3/4" Grooved Standard Coupling	29.03	5.33
			<i>For Galvanized Fittings, Add</i>	5.87	
23 21 13 23-1939	EA		1" Grooved Standard Coupling	29.03	5.33
			<i>For Galvanized Fittings, Add</i>	5.87	
23 21 13 23-1940	EA		1-1/4" Grooved Standard Coupling	37.98	6.71
			<i>For Galvanized Fittings, Add</i>	7.81	
23 21 13 23-1941	EA		1-1/2" Grooved Standard Coupling	42.53	7.99
			<i>For Galvanized Fittings, Add</i>	8.54	
23 21 13 23-1942	EA		2" Grooved Standard Coupling	48.35	10.76
			<i>For Galvanized Fittings, Add</i>	9.02	
23 21 13 23-1943	EA		2-1/2" Grooved Standard Coupling	58.22	13.12
			<i>For Galvanized Fittings, Add</i>	10.80	
23 21 13 23-1944	EA		3" Grooved Standard Coupling	62.03	15.69
			<i>For Galvanized Fittings, Add</i>	10.80	
23 21 13 23-1945	EA		3-1/2" Grooved Standard Coupling	89.71	18.36
			<i>For Galvanized Fittings, Add</i>	17.40	
23 21 13 23-1946	EA		4" Grooved Standard Coupling	93.57	20.93
			<i>For Galvanized Fittings, Add</i>	17.40	
23 21 13 23-1947	EA		5" Grooved Standard Coupling	134.56	26.26
			<i>For Galvanized Fittings, Add</i>	26.68	
23 21 13 23-1948	EA		6" Grooved Standard Coupling	164.03	34.25
			<i>For Galvanized Fittings, Add</i>	31.53	
23 21 13 23-1949	EA		8" Grooved Standard Coupling	244.76	40.86
			<i>For Galvanized Fittings, Add</i>	51.40	
23 21 13 23-1950	EA		10" Grooved Standard Coupling	378.53	48.96
			<i>For Galvanized Fittings, Add</i>	85.43	
23 21 13 23-1951	EA		12" Grooved Standard Coupling	427.70	53.59
			<i>For Galvanized Fittings, Add</i>	97.26	
23 21 13 23-1952	EA		14" Grooved Standard Coupling	529.09	71.46
			<i>For Galvanized Fittings, Add</i>	118.16	
23 21 13 23-1953	EA		16" Grooved Standard Coupling	682.04	85.77
			<i>For Galvanized Fittings, Add</i>	154.99	
23 21 13 23-1954	EA		18" Grooved Standard Coupling	791.05	95.24
			<i>For Galvanized Fittings, Add</i>	181.51	
23 21 13 23-1955	EA		20" Grooved Standard Coupling	1,180.45	107.19
			<i>For Galvanized Fittings, Add</i>	285.55	
23 21 13 23-1956	EA		24" Grooved Standard Coupling	1,316.09	131.86
			<i>For Galvanized Fittings, Add</i>	313.15	
23 21 13 23-1957			Zero-Flex® Rigid Coupling (23 21 13 23-1936) Note: Victaulic Style 07		
23 21 13 23-1958	EA		1" Grooved Rigid Coupling	37.23	5.33
			<i>For Galvanized Fittings, Add</i>	7.15	
23 21 13 23-1959	EA		1-1/4" Grooved Rigid Coupling	39.25	6.71
			<i>For Galvanized Fittings, Add</i>	7.15	
23 21 13 23-1960	EA		1-1/2" Grooved Rigid Coupling	41.21	7.99
			<i>For Galvanized Fittings, Add</i>	7.15	
23 21 13 23-1961	EA		2" Grooved Rigid Coupling	46.05	10.76
			<i>For Galvanized Fittings, Add</i>	7.33	
23 21 13 23-1962	EA		2-1/2" Grooved Rigid Coupling	54.14	13.12
			<i>For Galvanized Fittings, Add</i>	8.45	
23 21 13 23-1963	EA		3" Grooved Rigid Coupling	57.95	15.69
			<i>For Galvanized Fittings, Add</i>	8.45	
23 21 13 23-1964	EA		3-1/2" Grooved Rigid Coupling	67.87	18.36
			<i>For Galvanized Fittings, Add</i>	9.87	
23 21 13 23-1965	EA		4" Grooved Rigid Coupling	88.54	20.93
			<i>For Galvanized Fittings, Add</i>	13.99	
23 21 13 23-1966	EA		5" Grooved Rigid Coupling	113.46	26.26
			<i>For Galvanized Fittings, Add</i>	18.17	
23 21 13 23-1967	EA		6" Grooved Rigid Coupling	150.55	34.25
			<i>For Galvanized Fittings, Add</i>	24.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-1968 EA 8" Grooved Rigid Coupling	217.38	40.86
<i>For Galvanized Fittings, Add</i>	38.27	
23 21 13 23-1969 EA 10" Grooved Rigid Coupling	353.31	48.96
<i>For Galvanized Fittings, Add</i>	68.57	
23 21 13 23-1970 EA 12" Grooved Rigid Coupling	393.52	53.59
<i>For Galvanized Fittings, Add</i>	76.73	
23 21 13 23-1971 EA 14" Grooved Rigid Coupling	516.28	71.46
<i>For Galvanized Fittings, Add</i>	100.25	
23 21 13 23-1972 EA 16" Grooved Rigid Coupling	662.18	85.77
<i>For Galvanized Fittings, Add</i>	130.75	
23 21 13 23-1973 EA 18" Grooved Rigid Coupling	759.71	95.24
<i>For Galvanized Fittings, Add</i>	151.15	
23 21 13 23-1974 EA 20" Grooved Rigid Coupling	895.12	107.19
<i>For Galvanized Fittings, Add</i>	179.95	
23 21 13 23-1975 EA 24" Grooved Rigid Coupling	1,279.56	131.86
<i>For Galvanized Fittings, Add</i>	265.05	
23 21 13 23-1976 Large Diameter Grooved Coupling <small>(23 21 13 23-1936)</small>		
Note: Victaulic Style 770		
23 21 13 23-1977 EA 28" Grooved Coupling	1,337.47	26.26
<i>For Galvanized Fittings, Add</i>	181.75	
23 21 13 23-1978 EA 30" Grooved Coupling	1,546.02	34.25
<i>For Galvanized Fittings, Add</i>	209.25	
23 21 13 23-1979 EA 32" Grooved Coupling	2,299.47	40.86
<i>For Galvanized Fittings, Add</i>	313.36	
23 21 13 23-1980 EA 36" Grooved Coupling	3,055.37	48.96
<i>For Galvanized Fittings, Add</i>	417.47	
23 21 13 23-1981 EA 42" Grooved Coupling	6,111.01	53.59
<i>For Galvanized Fittings, Add</i>	844.30	
23 21 13 23-1982 Flexible Coupling <small>(23 21 13 23-1936)</small>		
Note: Victaulic Style 75		
23 21 13 23-1983 EA 1-1/2" Grooved Flexible Coupling	38.56	7.99
<i>For Galvanized Fittings, Add</i>	6.79	
23 21 13 23-1984 EA 2" Grooved Flexible Coupling	43.33	10.76
<i>For Galvanized Fittings, Add</i>	6.96	
23 21 13 23-1985 EA 2-1/2" Grooved Flexible Coupling	51.17	13.12
<i>For Galvanized Fittings, Add</i>	8.07	
23 21 13 23-1986 EA 3" Grooved Flexible Coupling	60.11	15.69
<i>For Galvanized Fittings, Add</i>	9.38	
23 21 13 23-1987 EA 3-1/2" Grooved Flexible Coupling	79.49	18.36
<i>For Galvanized Fittings, Add</i>	13.29	
23 21 13 23-1988 EA 4" Grooved Flexible Coupling	83.35	20.93
<i>For Galvanized Fittings, Add</i>	13.29	
23 21 13 23-1989 EA 5" Grooved Flexible Coupling	114.20	26.26
<i>For Galvanized Fittings, Add</i>	19.18	
23 21 13 23-1990 EA 6" Grooved Flexible Coupling	141.65	34.25
<i>For Galvanized Fittings, Add</i>	23.10	
23 21 13 23-1991 EA 8" Grooved Flexible Coupling	203.04	40.86
<i>For Galvanized Fittings, Add</i>	36.31	
23 21 13 23-1992 Installation-Ready™ Coupling <small>(23 21 13 23-1936)</small>		
Note: Victaulic Style 009N		
23 21 13 23-1993 EA 1-1/4" Ductile Iron, Installation-Ready™ Coupling	77.53	4.98
<i>For Galvanized Fittings, Add</i>	17.91	
23 21 13 23-1994 EA 1-1/2" Ductile Iron, Installation-Ready™ Coupling	80.46	5.96
<i>For Galvanized Fittings, Add</i>	18.29	
23 21 13 23-1995 EA 2" Ductile Iron, Installation-Ready™ Coupling	92.94	8.01
<i>For Galvanized Fittings, Add</i>	20.68	
23 21 13 23-1996 EA 2-1/2" Ductile Iron, Installation-Ready™ Coupling	107.78	9.71
<i>For Galvanized Fittings, Add</i>	23.83	
23 21 13 23-1997 EA 3" Ductile Iron, Installation-Ready™ Coupling	122.99	11.66
<i>For Galvanized Fittings, Add</i>	26.96	
23 21 13 23-1998 EA 4" Ductile Iron, Installation-Ready™ Coupling	171.48	15.57
<i>For Galvanized Fittings, Add</i>	37.86	
23 21 13 23-1999 EA 5" Ductile Iron, Installation-Ready™ Coupling	271.42	19.47
<i>For Galvanized Fittings, Add</i>	61.93	
23 21 13 23-2000 EA 6" Ductile Iron, Installation-Ready™ Coupling	327.65	25.47
<i>For Galvanized Fittings, Add</i>	74.00	
23 21 13 23-2001 EA 8" Ductile Iron, Installation-Ready™ Coupling	528.82	30.29
<i>For Galvanized Fittings, Add</i>	123.63	
23 21 13 23-2002 Grooved Strainers And Suction Diffusers <small>(23 21 13 23-1513)</small>		
23 21 13 23-2003 Grooved Wye Strainers <small>(23 21 13 23-2002)</small>		
Note: Victaulic Style 732		
23 21 13 23-2004 EA 2" Grooved Wye Strainer	2,517.20	21.71
23 21 13 23-2005 EA 2-1/2" Grooved Wye Strainer	2,649.49	26.35
23 21 13 23-2006 EA 3" Grooved Wye Strainer	2,979.32	31.58
23 21 13 23-2007 EA 4" Grooved Wye Strainer	3,381.35	42.14
23 21 13 23-2008 EA 5" Grooved Wye Strainer	4,885.65	52.71

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2009	EA	6" Grooved Wye Strainer	5,321.48	68.49
23 21	13 23-2010	EA	8" Grooved Wye Strainer	8,122.87	81.63
23 21	13 23-2011	EA	10" Grooved Wye Strainer	13,003.91	95.44
23 21	13 23-2012	EA	12" Grooved Wye Strainer	22,638.68	114.59
23 21 13 23-2013 Grooved Tee Type Strainers (23 21 13 23-2002)					
Note: Victaulic Style 730					
23 21	13 23-2014	EA	1-1/2" Grooved Tee Type Strainer	1,942.02	16.48
23 21	13 23-2015	EA	2" Grooved Tee Type Strainer	2,486.53	21.71
23 21	13 23-2016	EA	2-1/2" Grooved Tee Type Strainer	2,617.61	26.35
23 21	13 23-2017	EA	3" Grooved Tee Type Strainer	2,943.31	31.58
23 21	13 23-2018	EA	4" Grooved Tee Type Strainer	3,340.52	42.14
23 21	13 23-2019	EA	5" Grooved Tee Type Strainer	4,826.21	52.71
23 21	13 23-2020	EA	6" Grooved Tee Type Strainer	5,257.39	68.49
23 21	13 23-2021	EA	8" Grooved Tee Type Strainer	8,023.63	81.63
23 21	13 23-2022	EA	10" Grooved Tee Type Strainer	11,747.91	95.44
23 21	13 23-2023	EA	12" Grooved Tee Type Strainer	15,110.29	114.59
23 21	13 23-2024	EA	14" Grooved Tee Type Strainer	53,441.00	129.00
23 21	13 23-2025	EA	16" Grooved Tee Type Strainer	66,393.07	142.82
23 21	13 23-2026	EA	18" Grooved Tee Type Strainer	87,278.48	156.04
23 21 13 23-2027 Grooved Suction Diffuser (23 21 13 23-2002)					
Note: Victaulic Style 731					
23 21	13 23-2028	EA	2-1/2" Grooved x 2" Flanged Suction Diffuser	5,132.02	24.38
23 21	13 23-2029	EA	3" Grooved x 2" Flanged Suction Diffuser	5,447.82	26.94
23 21	13 23-2030	EA	3" Grooved x 2-1/2" Flanged Suction Diffuser	3,934.50	31.58
23 21	13 23-2031	EA	3" Grooved x 3" Flanged Suction Diffuser	3,989.87	34.25
23 21	13 23-2032	EA	4" Grooved x 2-1/2" Flanged Suction Diffuser	4,322.23	34.25
23 21	13 23-2033	EA	4" Grooved x 3" Flanged Suction Diffuser	4,663.18	36.91
23 21	13 23-2034	EA	4" Grooved x 4" Flanged Suction Diffuser	5,391.94	36.91
23 21	13 23-2035	EA	5" Grooved x 4" Flanged Suction Diffuser	6,019.55	47.37
23 21	13 23-2036	EA	5" Grooved x 5" Flanged Suction Diffuser	6,325.36	50.04
23 21	13 23-2037	EA	6" Grooved x 4" Flanged Suction Diffuser	6,425.26	55.27
23 21	13 23-2038	EA	6" Grooved x 5" Flanged Suction Diffuser	7,677.79	60.60
23 21	13 23-2039	EA	6" Grooved x 6" Flanged Suction Diffuser	7,974.34	64.55
23 21	13 23-2040	EA	8" Grooved x 5" Flanged Suction Diffuser	8,182.11	67.11
23 21	13 23-2041	EA	8" Grooved x 6" Flanged Suction Diffuser	8,634.33	75.01
23 21	13 23-2042	EA	8" Grooved x 8" Flanged Suction Diffuser	14,787.38	81.63
23 21	13 23-2043	EA	10" Grooved x 8" Flanged Suction Diffuser	16,680.34	88.24
23 21	13 23-2044	EA	10" Grooved x 10" Flanged Suction Diffuser	20,077.15	91.49
23 21	13 23-2045	EA	12" Grooved x 10" Flanged Suction Diffuser	23,760.19	105.31
23 21	13 23-2046	EA	12" Grooved x 12" Flanged Suction Diffuser	32,997.80	111.93
23 21	13 23-2047	EA	14" Grooved x 10" Flanged Suction Diffuser	30,721.84	111.93
23 21	13 23-2048	EA	14" Grooved x 12" Flanged Suction Diffuser	34,313.05	121.79
23 21	13 23-2049	EA	14" Grooved x 14" Flanged Suction Diffuser	41,640.25	129.00
23 21	13 23-2050	EA	16" Grooved x 14" Flanged Suction Diffuser	42,867.79	135.61
23 21 13 23-2051 Grooved Steel Valves (23 21 13 23-1513)					
23 21 13 23-2052 Grooved Butterfly Valves With Standard Trim (23 21 13 23-2051)					
23 21	13 23-2053	EA	1-1/2" Butterfly Valve, Grooved, With Standard Trim	288.34	10.76
23 21	13 23-2054	EA	2" Butterfly Valve, Grooved, With Standard Trim	293.43	14.11
23 21	13 23-2055	EA	3" Butterfly Valve, Grooved, With Standard Trim	481.87	20.93
23 21	13 23-2056	EA	4" Butterfly Valve, Grooved, With Standard Trim	647.35	27.54
23 21	13 23-2057	EA	6" Butterfly Valve, Grooved, With Standard Trim	1,415.71	45.11
23 21	13 23-2058	EA	8" Butterfly Valve, Grooved, With Standard Trim	1,961.76	63.46
23 21	13 23-2059	EA	10" Butterfly Valve, Grooved, With Standard Trim	2,947.82	85.77
23 21 13 23-2060 Grooved Butterfly Valves With Stainless Steel Trim (23 21 13 23-2051)					
23 21	13 23-2061	EA	1-1/2" Butterfly Valve, Grooved, With Stainless Steel Trim	434.16	10.76
23 21	13 23-2062	EA	2" Butterfly Valve, Grooved, With Stainless Steel Trim	439.25	14.11
23 21	13 23-2063	EA	3" Butterfly Valve, Grooved, With Stainless Steel Trim	679.54	20.93
23 21	13 23-2064	EA	4" Butterfly Valve, Grooved, With Stainless Steel Trim	864.47	27.54
23 21	13 23-2065	EA	6" Butterfly Valve, Grooved, With Stainless Steel Trim	1,655.51	45.11
23 21	13 23-2066	EA	8" Butterfly Valve, Grooved, With Stainless Steel Trim	2,752.46	63.46
23 21	13 23-2067	EA	10" Butterfly Valve, Grooved, With Stainless Steel Trim	4,341.26	85.77
23 21 13 23-2068 Grooved Ball Valves With Standard Trim And Handle (23 21 13 23-2051)					
Note: Victaulic No. 721					
23 21	13 23-2069	EA	1-1/2" Ball Valve, Grooved, With Standard Trim	243.01	10.56
23 21	13 23-2070	EA	2" Ball Valve, Grooved, With Standard Trim	278.07	14.50
23 21	13 23-2071	EA	2-1/2" Ball Valve, Grooved, With Standard Trim	637.26	17.77
23 21	13 23-2072	EA	3" Ball Valve, Grooved, With Standard Trim	1,046.42	21.03
23 21	13 23-2073	EA	4" Ball Valve, Grooved, With Standard Trim	1,630.41	27.64
23 21	13 23-2074	EA	6" Ball Valve, Grooved, With Standard Trim	5,076.34	45.40

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2075	Grooved Ball Valves With Stainless Steel Trim And Handle (23 21 13 23-2051)			
	Note: Victaulic No. 721			
23 21 13 23-2076	EA	1-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	258.98	10.56
23 21 13 23-2077	EA	2" Ball Valve, Grooved, With Stainless Steel Trim.....	443.86	14.50
23 21 13 23-2078	EA	2-1/2" Ball Valve, Grooved, With Stainless Steel Trim.....	1,160.03	17.77
23 21 13 23-2079	EA	3" Ball Valve, Grooved, With Stainless Steel Trim.....	1,500.47	21.03
23 21 13 23-2080	EA	4" Ball Valve, Grooved, With Stainless Steel Trim.....	2,050.00	27.64
23 21 13 23-2081	EA	6" Ball Valve, Grooved, With Stainless Steel Trim.....	5,596.27	45.40
23 21 13 23-2082	Grooved Check Valves (23 21 13 23-2051)			
	Note: Victaulic No. 712			
23 21 13 23-2083	EA	2" Check Valve, Grooved.....	369.34	14.50
23 21 13 23-2084	EA	2-1/2" Check Valve, Grooved.....	600.40	17.77
23 21 13 23-2085	EA	3" Check Valve, Grooved.....	699.53	21.03
23 21 13 23-2086	EA	4" Check Valve, Grooved.....	991.92	27.64
23 21 13 23-2087	Grooved Vic-Check Check Valves (23 21 13 23-2051)			
	Note: Victaulic No. 716			
23 21 13 23-2088	EA	2-1/2" "Vic-Check" Check Valve, Grooved.....	479.16	17.77
23 21 13 23-2089	EA	3" "Vic-Check" Check Valve, Grooved.....	483.96	21.03
23 21 13 23-2090	EA	4" "Vic-Check" Check Valve, Grooved.....	606.28	27.64
23 21 13 23-2091	EA	6" "Vic-Check" Check Valve, Grooved.....	1,183.40	45.40
23 21 13 23-2092	EA	8" "Vic-Check" Check Valve, Grooved.....	1,619.09	63.17
23 21 13 23-2093	EA	10" "Vic-Check" Check Valve, Grooved.....	4,540.60	85.57
23 21 13 23-2094	EA	12" "Vic-Check" Check Valve, Grooved.....	5,377.32	98.80
23 21 13 23-2095	Grooved Plug Valves With Lever Operator (23 21 13 23-2051)			
	Note: Victaulic No. 377			
23 21 13 23-2096	EA	3" Balancing Plug Valve, Grooved, With Lever Handle.....	729.78	21.03
23 21 13 23-2097	EA	4" Balancing Plug Valve, Grooved, With Lever Handle.....	809.82	27.64
23 21 13 23-2098	EA	6" Balancing Plug Valve, Grooved, With Lever Handle.....	1,445.89	45.40
23 21 13 23-2099	Grooved Plug Valve With Gear Operator (23 21 13 23-2051)			
	Note: Victaulic No. 377			
23 21 13 23-2100	EA	3" Balancing Plug Valve, Grooved, With Gear Operator.....	1,292.99	21.03
23 21 13 23-2101	EA	4" Balancing Plug Valve, Grooved, With Gear Operator.....	1,373.08	27.64
23 21 13 23-2102	EA	6" Balancing Plug Valve, Grooved, With Gear Operator.....	2,009.15	45.40
23 21 13 23-2103	EA	8" Balancing Plug Valve, Grooved, With Gear Operator.....	2,687.55	63.17
23 21 13 23-2104	EA	10" Balancing Plug Valve, Grooved, With Gear Operator.....	4,217.32	85.57
23 21 13 23-2105	EA	12" Balancing Plug Valve, Grooved, With Gear Operator.....	6,104.24	98.80
23 21 13 23-2106	Prepare Pipe For Groove (23 21 13 23-1513)			
23 21 13 23-2107	Cut Grooved Pipe (23 21 13 23-2106)			
	Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.			
23 21 13 23-2108	EA	Cut 3/4" Groove Pipe.....	10.34	
23 21 13 23-2109	EA	Cut 1" Groove Pipe.....	11.23	
23 21 13 23-2110	EA	Cut 1-1/4" Groove Pipe.....	12.67	
23 21 13 23-2111	EA	Cut 1-1/2" Groove Pipe.....	13.79	
23 21 13 23-2112	EA	Cut 2" Groove Pipe.....	15.11	
23 21 13 23-2113	EA	Cut 2-1/2" Groove Pipe.....	16.37	
23 21 13 23-2114	EA	Cut 3" Groove Pipe.....	17.86	
23 21 13 23-2115	EA	Cut 3-1/2" Groove Pipe.....	18.94	
23 21 13 23-2116	EA	Cut 4" Groove Pipe.....	20.15	
23 21 13 23-2117	EA	Cut 5" Groove Pipe.....	21.83	
23 21 13 23-2118	EA	Cut 6" Groove Pipe.....	22.45	
23 21 13 23-2119	EA	Cut 8" Groove Pipe.....	29.10	
23 21 13 23-2120	EA	Cut 10" Groove Pipe.....	41.36	
23 21 13 23-2121	EA	Cut 12" Groove Pipe.....	52.38	
23 21 13 23-2122	EA	Cut 14" Groove Pipe.....	78.58	
23 21 13 23-2123	EA	Cut 16" Groove Pipe.....	82.71	
23 21 13 23-2124	EA	Cut 18" Groove Pipe.....	87.31	
23 21 13 23-2125	EA	Cut 20" Groove Pipe.....	92.45	
23 21 13 23-2126	EA	Cut 24" Groove Pipe.....	104.78	
23 21 13 23-2127	Roll Grooved Pipe (23 21 13 23-2106)			
	Note: For use where connecting ungrooved pipe with grooved pipe, coupling to grooved pipe, or for field groove preparation on existing cut pipe.			
23 21 13 23-2128	EA	Roll 3/4" Groove.....	5.91	
23 21 13 23-2129	EA	Roll 1" Groove.....	6.89	
23 21 13 23-2130	EA	Roll 1-1/4" Groove.....	7.86	
23 21 13 23-2131	EA	Roll 1-1/2" Groove.....	8.83	
23 21 13 23-2132	EA	Roll 2" Groove.....	13.55	
23 21 13 23-2133	EA	Roll 2-1/2" Groove.....	14.28	
23 21 13 23-2134	EA	Roll 3" Groove.....	15.71	
23 21 13 23-2135	EA	Roll 3-1/2" Groove.....	16.72	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 21 13 23-2136	EA	Roll 4" Groove.....	18.27	
23 21 13 23-2137	EA	Roll 5" Groove.....	18.71	
23 21 13 23-2138	EA	Roll 6" Groove.....	19.65	
23 21 13 23-2139	EA	Roll 8" Groove.....	23.81	
23 21 13 23-2140	EA	Roll 10" Groove.....	27.09	
23 21 13 23-2141	EA	Roll 12" Groove.....	34.17	
23 21 13 23-2142	EA	Roll 14" Groove.....	52.38	
23 21 13 23-2143	EA	Roll 16" Groove.....	56.13	
23 21 13 23-2144	EA	Roll 18" Groove.....	58.21	
23 21 13 23-2145	EA	Roll 20" Groove.....	62.87	
23 21 13 23-2146	EA	Roll 24" Groove.....	68.33	

23 21 13 23-2147**Standard Gaskets** (23 21 13 23-2106)

Note: For use on replacement of existing gaskets.

23 21 13 23-2148	EA	3/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	19.24	
23 21 13 23-2149	EA	1" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	20.07	
23 21 13 23-2150	EA	1-1/4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	21.04	
23 21 13 23-2151	EA	1-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	23.09	
23 21 13 23-2152	EA	2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	23.68	
23 21 13 23-2153	EA	2-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	27.63	
23 21 13 23-2154	EA	3" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	30.33	
23 21 13 23-2155	EA	3-1/2" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	37.20	
23 21 13 23-2156	EA	4" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	37.68	
23 21 13 23-2157	EA	5" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	46.69	
23 21 13 23-2158	EA	6" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	50.17	
23 21 13 23-2159	EA	8" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	67.98	
23 21 13 23-2160	EA	10" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	85.06	
23 21 13 23-2161	EA	12" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	100.52	
23 21 13 23-2162	EA	14" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	140.56	
23 21 13 23-2163	EA	16" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	186.79	
23 21 13 23-2164	EA	18" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	220.77	
23 21 13 23-2165	EA	20" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	325.83	
23 21 13 23-2166	EA	24" Grooved Standard Gasket, Ethylene Propylene Diene Monomer (EPDM) "E" Or Nitrile "T".....	445.26	

23 21 13 23-2167**Copper Grooved-Joint Pipe Fittings** (23 21 13 23)

Note: Couplings are not included with fittings.

23 21 13 23-2168**Grooved Fittings** (23 21 13 23-2167)**23 21 13 23-2169****Grooved 90 Degree Elbows** (23 21 13 23-2168)

23 21 13 23-2170	EA	2" Copper 90 Degree Elbow, Grooved.....	112.04	16.09
23 21 13 23-2171	EA	2-1/2" Copper 90 Degree Elbow, Grooved.....	125.63	19.65
23 21 13 23-2172	EA	3" Copper 90 Degree Elbow, Grooved.....	168.58	23.79
23 21 13 23-2173	EA	4" Copper 90 Degree Elbow, Grooved.....	340.48	31.39
23 21 13 23-2174	EA	5" Copper 90 Degree Elbow, Grooved.....	865.48	39.28
23 21 13 23-2175	EA	6" Copper 90 Degree Elbow, Grooved.....	1,358.58	51.42
23 21 13 23-2176	EA	8" Copper 90 Degree Elbow, Grooved.....	2,479.85	61.19

23 21 13 23-2177**Grooved 45 Degree Elbows** (23 21 13 23-2168)

23 21 13 23-2178	EA	2" Copper 45 Degree Elbow, Grooved.....	112.04	16.09
23 21 13 23-2179	EA	2-1/2" Copper 45 Degree Elbow, Grooved.....	125.63	19.65
23 21 13 23-2180	EA	3" Copper 45 Degree Elbow, Grooved.....	168.58	23.79
23 21 13 23-2181	EA	4" Copper 45 Degree Elbow, Grooved.....	340.48	31.39
23 21 13 23-2182	EA	5" Copper 45 Degree Elbow, Grooved.....	865.48	39.28
23 21 13 23-2183	EA	6" Copper 45 Degree Elbow, Grooved.....	1,358.58	51.42
23 21 13 23-2184	EA	8" Copper 45 Degree Elbow, Grooved.....	2,479.85	61.19

23 21 13 23-2185**Grooved Tees** (23 21 13 23-2168)

23 21 13 23-2186	EA	2" Copper Tee, Grooved.....	178.23	23.69
23 21 13 23-2187	EA	2-1/2" Copper Tee, Grooved.....	197.01	29.12
23 21 13 23-2188	EA	3" Copper Tee, Grooved.....	277.99	35.73
23 21 13 23-2189	EA	4" Copper Tee, Grooved.....	545.29	46.20
23 21 13 23-2190	EA	5" Copper Tee, Grooved.....	2,113.59	60.41
23 21 13 23-2191	EA	6" Copper Tee, Grooved.....	1,716.64	75.60
23 21 13 23-2192	EA	8" Copper Tee, Grooved.....	2,978.93	91.79

23 21 13 23-2193**Grooved Reducing Tees** (23 21 13 23-2168)

23 21 13 23-2194	EA	2-1/2" Copper Tee, Reducing, Grooved.....	265.13	29.12
23 21 13 23-2195	EA	3" Copper Tee, Reducing, Grooved.....	422.63	35.73
23 21 13 23-2196	EA	4" Copper Tee, Reducing, Grooved.....	687.37	46.29
23 21 13 23-2197	EA	5" Copper Tee, Reducing, Grooved.....	1,936.62	60.50
23 21 13 23-2198	EA	6" Copper Tee, Reducing, Grooved.....	2,368.02	75.60

23 21 13 23-2199**Grooved X Cup Reducing Tees** (23 21 13 23-2168)

23 21 13 23-2200	EA	2" Copper Tee, Reducing, Grooved X Cup.....	214.66	23.69
23 21 13 23-2201	EA	2-1/2" Copper Tee, Reducing, Grooved X Cup.....	265.87	29.12



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2202 EA 3" Copper Tee, Reducing, Grooved X Cup.....	455.41	35.73
23 21 13 23-2203 EA 4" Copper Tee, Reducing, Grooved X Cup.....	687.37	46.20
23 21 13 23-2204 Grooved Flanged Adapter Nipples (23 21 13 23-2168)		
23 21 13 23-2205 EA 2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	379.26	17.47
23 21 13 23-2206 EA 2-1/2" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	400.91	21.22
23 21 13 23-2207 EA 3" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	426.20	25.36
23 21 13 23-2208 EA 4" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	479.98	34.15
23 21 13 23-2209 EA 5" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	636.06	41.36
23 21 13 23-2210 EA 6" Copper Flanged Adapter Nipples With Groove Gasket, ANSI CL 125 And 150	713.88	55.86
23 21 13 23-2211 Grooved Concentric Reducers (23 21 13 23-2168)		
23 21 13 23-2212 EA 2-1/2" x 2" Copper Concentric Reducer, Grooved	150.41	17.96
23 21 13 23-2213 EA 3" x 2" Copper Concentric Reducer, Grooved	154.37	20.04
23 21 13 23-2214 EA 3" x 2-1/2" Copper Concentric Reducer, Grooved	162.02	23.79
23 21 13 23-2215 EA 4" x 2" Copper Concentric Reducer, Grooved	281.78	23.98
23 21 13 23-2216 EA 4" x 2-1/2" Copper Concentric Reducer, Grooved	285.23	25.66
23 21 13 23-2217 EA 4" x 3" Copper Concentric Reducer, Grooved	289.18	27.64
23 21 13 23-2218 EA 5" x 3" Copper Concentric Reducer, Grooved	721.11	31.58
23 21 13 23-2219 EA 5" x 4" Copper Concentric Reducer, Grooved	729.00	35.53
23 21 13 23-2220 EA 6" x 3" Copper Concentric Reducer, Grooved	787.24	37.51
23 21 13 23-2221 EA 6" x 4" Copper Concentric Reducer, Grooved	795.14	41.46
23 21 13 23-2222 EA 6" x 5" Copper Concentric Reducer, Grooved	803.04	45.40
23 21 13 23-2223 EA 8" x 6" Copper Concentric Reducer, Grooved	1,362.46	56.25
23 21 13 23-2224 Grooved X Cup Concentric Reducers (23 21 13 23-2168)		
23 21 13 23-2225 EA 2" x 1" Copper Concentric Reducer, Grooved X Cup	119.90	12.63
23 21 13 23-2226 EA 2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	120.89	13.12
23 21 13 23-2227 EA 2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	123.90	14.61
23 21 13 23-2228 EA 2-1/2" x 1" Copper Concentric Reducer, Grooved X Cup	144.06	14.11
23 21 13 23-2229 EA 2-1/2" x 1-1/4" Copper Concentric Reducer, Grooved X Cup	145.03	14.61
23 21 13 23-2230 EA 2-1/2" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	147.93	16.09
23 21 13 23-2231 EA 2-1/2" x 2" Copper Concentric Reducer, Grooved X Cup	151.88	17.96
23 21 13 23-2232 EA 3" x 1-1/2" Copper Concentric Reducer, Grooved X Cup	179.91	17.96
23 21 13 23-2233 EA 3" x 2" Copper Concentric Reducer, Grooved X Cup	183.87	20.04
23 21 13 23-2234 EA 4" x 2" Copper Concentric Reducer, Grooved X Cup	314.93	23.89
23 21 13 23-2235 Grooved Standard Couplings (23 21 13 23-2168)		
23 21 13 23-2236 EA 2" Copper Standard Coupling, Grooved	43.64	8.09
23 21 13 23-2237 EA 2-1/2" Copper Standard Coupling, Grooved	51.18	9.87
23 21 13 23-2238 EA 3" Copper Standard Coupling, Grooved	58.16	11.74
23 21 13 23-2239 EA 4" Copper Standard Coupling, Grooved	84.54	15.79
23 21 13 23-2240 EA 5" Copper Standard Coupling, Grooved	129.65	19.65
23 21 13 23-2241 EA 6" Copper Standard Coupling, Grooved	170.76	25.66
23 21 13 23-2242 EA 8" Copper Standard Coupling, Grooved	246.98	30.59
23 21 13 23-2243 Grooved Caps (23 21 13 23-2168)		
23 21 13 23-2244 EA 2" Copper Cap, Grooved	71.13	8.09
23 21 13 23-2245 EA 2-1/2" Copper Cap, Grooved	101.26	9.87
23 21 13 23-2246 EA 3" Copper Cap, Grooved	124.73	11.74
23 21 13 23-2247 EA 4" Copper Cap, Grooved	183.35	15.69
23 21 13 23-2248 EA 5" Copper Cap, Grooved	308.65	19.65
23 21 13 23-2249 EA 6" Copper Cap, Grooved	361.43	25.66
23 21 13 23-2250 Grooved Valves (23 21 13 23-2167)		
23 21 13 23-2251 Grooved Butterfly Valves, Standard Trim, Without Operator (23 21 13 23-2250)		
Note: Copper body.		
23 21 13 23-2252 EA 2" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	476.72	10.56
For Chain Wheel, Add	43.45	
For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2253 EA 3" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	541.62	15.69
For Chain Wheel, Add	43.45	
For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2254 EA 4" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	715.98	20.62
For Chain Wheel, Add	43.45	
For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2255 EA 6" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	954.36	33.86
For Chain Wheel, Add	43.45	
For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2256 EA 8" Butterfly Valve, Grooved, With Standard Trim, Without Operator, Copper Body	1,050.41	47.58
For Chain Wheel, Add	43.45	
For Valve Bracket Insulation, Add	38.20	
23 21 13 23-2257 Grooved Butterfly Valves, Standard Trim, With Operator (23 21 13 23-2250)		
Note: Copper body.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2258	EA	2" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	582.78	10.56
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21	13 23-2259	EA	3" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	647.75	15.69
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21	13 23-2260	EA	4" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	822.11	20.62
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21	13 23-2261	EA	6" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,060.56	33.86
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21	13 23-2262	EA	8" Butterfly Valve, Grooved, With Standard Trim, With Operator, Copper Body	1,156.54	47.58
			<i>For Chain Wheel, Add</i>	43.45	
			<i>For Valve Bracket Insulation, Add</i>	38.20	
23 21	13 23-2263		Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23)		
			Note: Socket or back weld.		
23 21	13 23-2264		Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23-2263)		
			Note: ASTM D1785 with D2466 fittings.		
23 21	13 23-2265		Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe (23 21 13 23-2264)		
23 21	13 23-2266	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	5.11	2.82
			<i>For Work In Restricted Working Space, Add</i>	1.27	
23 21	13 23-2267	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	6.42	3.53
			<i>For Work In Restricted Working Space, Add</i>	1.59	
23 21	13 23-2268	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	7.27	3.76
			<i>For Work In Restricted Working Space, Add</i>	1.69	
23 21	13 23-2269	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.21	4.04
			<i>For Work In Restricted Working Space, Add</i>	1.82	
23 21	13 23-2270	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	8.61	4.11
			<i>For Work In Restricted Working Space, Add</i>	1.85	
23 21	13 23-2271	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	10.71	4.93
			<i>For Work In Restricted Working Space, Add</i>	2.22	
23 21	13 23-2272	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	14.03	5.86
			<i>For Work In Restricted Working Space, Add</i>	2.63	
23 21	13 23-2273	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	17.43	7.08
			<i>For Work In Restricted Working Space, Add</i>	3.18	
23 21	13 23-2274	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	25.74	10.61
			<i>For Work In Restricted Working Space, Add</i>	4.78	
23 21	13 23-2275	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	38.37	14.15
			<i>For Work In Restricted Working Space, Add</i>	6.37	
23 21	13 23-2276	LF	8" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	51.34	16.86
			<i>For Work In Restricted Working Space, Add</i>	7.59	
23 21	13 23-2277	LF	10" Schedule 40 Polyvinyl Chloride (PVC) Pressure Pipe	107.93	18.84
			<i>For Work In Restricted Working Space, Add</i>	8.47	
23 21	13 23-2278		Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows (23 21 13 23-2264)		
23 21	13 23-2279	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	16.75	10.66
			<i>For Work In Restricted Working Space, Add</i>	4.78	
23 21	13 23-2280	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	22.40	14.11
			<i>For Work In Restricted Working Space, Add</i>	6.37	
23 21	13 23-2281	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	28.40	17.57
			<i>For Work In Restricted Working Space, Add</i>	7.90	
23 21	13 23-2282	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	41.07	24.88
			<i>For Work In Restricted Working Space, Add</i>	11.17	
23 21	13 23-2283	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	46.08	28.03
			<i>For Work In Restricted Working Space, Add</i>	12.60	
23 21	13 23-2284	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	59.76	35.63
			<i>For Work In Restricted Working Space, Add</i>	16.01	
23 21	13 23-2285	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	98.43	52.71
			<i>For Work In Restricted Working Space, Add</i>	23.69	
23 21	13 23-2286	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	127.28	69.29
			<i>For Work In Restricted Working Space, Add</i>	31.17	
23 21	13 23-2287	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	165.17	82.31
			<i>For Work In Restricted Working Space, Add</i>	37.01	
23 21	13 23-2288	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	241.07	94.06
			<i>For Work In Restricted Working Space, Add</i>	42.30	
23 21	13 23-2289	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	422.16	109.75
			<i>For Work In Restricted Working Space, Add</i>	49.35	
23 21	13 23-2290	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows	631.39	163.64
			<i>For Work In Restricted Working Space, Add</i>	73.58	
23 21	13 23-2291		Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows (23 21 13 23-2264)		
23 21	13 23-2292	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	17.17	10.66
			<i>For Work In Restricted Working Space, Add</i>	4.78	
23 21	13 23-2293	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	23.23	14.11
			<i>For Work In Restricted Working Space, Add</i>	6.37	
23 21	13 23-2294	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	29.57	17.57
			<i>For Work In Restricted Working Space, Add</i>	7.90	
23 21	13 23-2295	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows	41.82	24.88
			<i>For Work In Restricted Working Space, Add</i>	11.17	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2296 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	47.74 12.60	28.03
23 21 13 23-2297 EA 2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	60.84 16.01	35.63
23 21 13 23-2298 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	98.43 23.69	52.71
23 21 13 23-2299 EA 3" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	134.28 31.17	69.29
23 21 13 23-2300 EA 4" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	177.91 37.01	82.31
23 21 13 23-2301 EA 6" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	242.23 42.30	94.06
23 21 13 23-2302 EA 8" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	408.09 49.35	109.75
23 21 13 23-2303 EA 10" Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows <i>For Work In Restricted Working Space, Add</i>	631.39 73.58	163.64
23 21 13 23-2304 Schedule 40 Polyvinyl Chloride (PVC) Tees (23 21 13 23-2264)		
23 21 13 23-2305 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	27.32 7.90	17.57
23 21 13 23-2306 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	32.92 9.55	21.22
23 21 13 23-2307 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	44.08 12.60	28.03
23 21 13 23-2308 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	56.68 16.01	35.63
23 21 13 23-2309 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	67.75 19.10	42.44
23 21 13 23-2310 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	84.86 23.69	52.71
23 21 13 23-2311 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	123.54 31.17	69.29
23 21 13 23-2312 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	149.10 37.01	82.31
23 21 13 23-2313 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	211.12 49.35	109.75
23 21 13 23-2314 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	369.43 63.68	141.53
23 21 13 23-2315 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	627.83 78.96	175.58
23 21 13 23-2316 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Tees <i>For Work In Restricted Working Space, Add</i>	1,820.17 118.00	262.33
23 21 13 23-2317 Schedule 40 Polyvinyl Chloride (PVC) Crosses (23 21 13 23-2264)		
23 21 13 23-2318 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	34.47 9.87	21.91
23 21 13 23-2319 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	41.49 11.94	26.55
23 21 13 23-2320 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	55.77 15.75	35.04
23 21 13 23-2321 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	71.91 20.01	44.51
23 21 13 23-2322 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	85.99 23.88	53.10
23 21 13 23-2323 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	107.97 29.61	65.83
23 21 13 23-2324 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	160.67 38.96	86.66
23 21 13 23-2325 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	194.54 46.27	102.84
23 21 13 23-2326 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	278.71 61.69	137.18
23 21 13 23-2327 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	511.60 79.56	176.87
23 21 13 23-2328 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	900.43 98.65	219.30
23 21 13 23-2329 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i>	2,728.62 147.57	328.07
23 21 13 23-2330 Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts (23 21 13 23-2264)		
23 21 13 23-2331 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	17.26 4.95	10.86
23 21 13 23-2332 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	22.71 6.34	13.92
23 21 13 23-2333 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	30.32 8.47	18.66
23 21 13 23-2334 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	37.38 10.57	23.19
23 21 13 23-2335 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	46.05 12.72	27.93
23 21 13 23-2336 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	64.63 17.64	38.79

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2337	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	90.01 24.38	53.59
23 21	13 23-2338	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	120.74 30.30	66.62
23 21	13 23-2339	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	166.53 35.25	77.57
23 21	13 23-2340	EA	8" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	417.70 40.73	89.62
23 21	13 23-2341	EA	10" Schedule 40 Polyvinyl Chloride (PVC) Reducing Inserts..... <i>For Work In Restricted Working Space, Add</i>	495.10 54.64	120.21
23 21	13 23-2342		Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts (23 21 13 23-2264)		
23 21	13 23-2343	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	17.67 4.78	10.66
23 21	13 23-2344	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	22.98 6.37	14.11
23 21	13 23-2345	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	28.48 7.90	17.57
23 21	13 23-2346	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	40.57 11.17	24.88
23 21	13 23-2347	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	45.83 12.60	28.03
23 21	13 23-2348	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	58.59 16.01	35.63
23 21	13 23-2349	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	86.53 23.69	52.71
23 21	13 23-2350	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	112.63 31.17	69.29
23 21	13 23-2351	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	143.11 37.01	82.31
23 21	13 23-2352		Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters (23 21 13 23-2264)		
23 21	13 23-2353	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	18.25 4.78	10.66
23 21	13 23-2354	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	23.56 6.37	14.11
23 21	13 23-2355	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	29.65 7.90	17.57
23 21	13 23-2356	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	41.24 11.17	24.88
23 21	13 23-2357	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	47.33 12.60	28.03
23 21	13 23-2358	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	59.93 16.01	35.63
23 21	13 23-2359	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	88.02 23.69	52.71
23 21	13 23-2360	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	117.21 31.17	69.29
23 21	13 23-2361	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	140.45 37.01	82.31
23 21	13 23-2362		Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters (23 21 13 23-2264)		
23 21	13 23-2363	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	16.75 4.78	10.66
23 21	13 23-2364	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	22.31 6.37	14.11
23 21	13 23-2365	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	27.57 7.90	17.57
23 21	13 23-2366	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	39.24 11.17	24.88
23 21	13 23-2367	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	44.33 12.60	28.03
23 21	13 23-2368	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	56.51 16.01	35.63
23 21	13 23-2369	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters <i>For Work In Restricted Working Space, Add</i>	92.68 23.69	52.71
23 21	13 23-2370	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	122.37 31.17	69.29
23 21	13 23-2371	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	153.93 37.01	82.31
23 21	13 23-2372		Schedule 40 Polyvinyl Chloride (PVC) P-Traps (23 21 13 23-2264)		
23 21	13 23-2373	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) P-Traps..... <i>For Work In Restricted Working Space, Add</i>	27.79 6.51	14.50
23 21	13 23-2374		Schedule 40 Polyvinyl Chloride (PVC) Couplings (23 21 13 23-2264)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2375 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	16.42 4.78	10.66
23 21 13 23-2376 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i>	21.90 6.37	14.11
23 21 13 23-2377 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	27.57 7.90	17.57
23 21 13 23-2378 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	38.91 11.17	24.88
23 21 13 23-2379 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	43.83 12.60	28.03
23 21 13 23-2380 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	56.18 16.01	35.63
23 21 13 23-2381 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	85.28 23.69	52.71
23 21 13 23-2382 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	113.80 31.17	69.29
23 21 13 23-2383 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	137.78 37.01	82.31
23 21 13 23-2384 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	186.62 42.30	94.06
23 21 13 23-2385 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	249.75 49.35	109.75
23 21 13 23-2386 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Couplings <i>For Work In Restricted Working Space, Add</i>	567.59 52.90	117.65
 23 21 13 23-2387 Schedule 40 Polyvinyl Chloride (PVC) Unions <small>(23 21 13 23-2264)</small>		
23 21 13 23-2388 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	34.75 7.90	17.57
23 21 13 23-2389 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	45.91 9.55	21.22
23 21 13 23-2390 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	57.73 12.60	28.03
23 21 13 23-2391 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	91.65 16.01	35.63
23 21 13 23-2392 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	103.63 19.10	42.44
23 21 13 23-2393 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	132.81 23.69	52.71
23 21 13 23-2394 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	201.63 31.17	69.29
23 21 13 23-2395 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	226.94 37.01	82.31
23 21 13 23-2396 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	369.87 49.35	109.75
23 21 13 23-2397 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	487.46 63.65	141.53
23 21 13 23-2398 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	717.25 78.92	175.49
23 21 13 23-2399 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	1,075.29 97.99	217.82
 23 21 13 23-2400 Schedule 40 Polyvinyl Chloride (PVC) Caps <small>(23 21 13 23-2264)</small>		
23 21 13 23-2401 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	7.94 2.18	4.81
23 21 13 23-2402 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	10.39 2.87	6.32
23 21 13 23-2403 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	13.17 3.55	7.80
23 21 13 23-2404 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	18.84 5.10	11.22
23 21 13 23-2405 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	20.90 5.67	12.44
23 21 13 23-2406 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	26.41 7.20	15.89
23 21 13 23-2407 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	43.44 10.66	23.49
23 21 13 23-2408 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	55.32 14.03	30.89
23 21 13 23-2409 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	75.17 16.66	36.62
23 21 13 23-2410 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	110.49 19.04	41.85
23 21 13 23-2411 EA 8" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	231.37 22.21	48.86
23 21 13 23-2412 EA 10" Schedule 40 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i>	692.55 33.11	72.84
 23 21 13 23-2413 Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <small>(23 21 13 23-2264)</small>		
23 21 13 23-2414 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Socket Weld Flanges <i>For Work In Restricted Working Space, Add</i>	43.05 7.90	17.57
23 21 13 23-2415 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	57.48 9.55	21.22

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2416	EA	1" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	70.55 12.60	28.03
23 21	13 23-2417	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	82.74 16.01	35.63
23 21	13 23-2418	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	93.72 19.10	42.44
23 21	13 23-2419	EA	2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	118.91 23.69	52.71
23 21	13 23-2420	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	165.58 31.17	69.29
23 21	13 23-2421	EA	3" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	191.48 37.01	82.31
23 21	13 23-2422	EA	4" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	250.75 49.35	109.75
23 21	13 23-2423	EA	6" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	347.77 63.65	141.53
23 21	13 23-2424	EA	8" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	568.99 78.92	175.49
23 21	13 23-2425	EA	10" Schedule 40 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i>	1,015.67 97.84	217.53
23 21	13 23-2426		Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe And Fittings (23 21 13 23-2263) Note: ASTM D1785 with D2467 fittings.		
23 21	13 23-2427		Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe (23 21 13 23-2426)		
23 21	13 23-2428	LF	1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.36 1.27	2.86
23 21	13 23-2429	LF	3/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.73 1.59	3.55
23 21	13 23-2430	LF	1" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	8.48 1.91	4.24
23 21	13 23-2431	LF	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	10.30 2.23	4.94
23 21	13 23-2432	LF	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	11.91 2.54	5.62
23 21	13 23-2433	LF	2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	15.61 3.18	7.11
23 21	13 23-2434	LF	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	19.12 3.50	7.80
23 21	13 23-2435	LF	3" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	22.61 3.82	8.49
23 21	13 23-2436	LF	4" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	30.43 4.78	10.66
23 21	13 23-2437	LF	6" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	48.82 6.37	14.11
23 21	13 23-2438	LF	8" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	67.35 7.59	16.87
23 21	13 23-2439	LF	10" Schedule 80 Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	156.76 8.18	18.16
23 21	13 23-2440		Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows (23 21 13 23-2426)		
23 21	13 23-2441	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	18.92 4.78 2.39	10.66
23 21	13 23-2442	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	25.14 6.37 3.18	14.11
23 21	13 23-2443	EA	1" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	32.65 7.90 3.95	17.57
23 21	13 23-2444	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	45.65 11.17 5.59	24.88
23 21	13 23-2445	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	50.99 12.60 6.30	28.03
23 21	13 23-2446	EA	2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	64.26 16.01 8.00	35.63
23 21	13 23-2447	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	104.51 23.69 11.84	52.71
23 21	13 23-2448	EA	3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	132.61 31.17 15.58	69.29
23 21	13 23-2449	EA	4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	167.00 37.01 18.51	82.31
23 21	13 23-2450	EA	6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	298.59 42.30 21.15	94.06
23 21	13 23-2451	EA	8" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	507.08 49.35 24.68	109.75

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2452 EA 10" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows	631.39	163.64
<i>For Work In Restricted Working Space, Add</i>	73.58	
<i>For Threaded Fittings, Add</i>	36.79	
23 21 13 23-2453 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows (23 21 13 23-2426)		
23 21 13 23-2454 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	21.66	10.66
<i>For Work In Restricted Working Space, Add</i>	4.78	
<i>For Threaded Fittings, Add</i>	2.39	
23 21 13 23-2455 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	29.97	14.11
<i>For Work In Restricted Working Space, Add</i>	6.37	
<i>For Threaded Fittings, Add</i>	3.18	
23 21 13 23-2456 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	39.47	17.57
<i>For Work In Restricted Working Space, Add</i>	7.90	
<i>For Threaded Fittings, Add</i>	3.95	
23 21 13 23-2457 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	54.06	24.88
<i>For Work In Restricted Working Space, Add</i>	11.17	
<i>For Threaded Fittings, Add</i>	5.59	
23 21 13 23-2458 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	61.81	28.03
<i>For Work In Restricted Working Space, Add</i>	12.60	
<i>For Threaded Fittings, Add</i>	6.30	
23 21 13 23-2459 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	79.08	35.63
<i>For Work In Restricted Working Space, Add</i>	16.01	
<i>For Threaded Fittings, Add</i>	8.00	
23 21 13 23-2460 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	133.07	52.71
<i>For Work In Restricted Working Space, Add</i>	23.69	
<i>For Threaded Fittings, Add</i>	11.84	
23 21 13 23-2461 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	169.75	69.29
<i>For Work In Restricted Working Space, Add</i>	31.17	
<i>For Threaded Fittings, Add</i>	15.58	
23 21 13 23-2462 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	242.02	82.31
<i>For Work In Restricted Working Space, Add</i>	37.01	
<i>For Threaded Fittings, Add</i>	18.51	
23 21 13 23-2463 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	290.36	94.06
<i>For Work In Restricted Working Space, Add</i>	42.30	
<i>For Threaded Fittings, Add</i>	21.15	
23 21 13 23-2464 EA 8" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	488.37	109.75
<i>For Work In Restricted Working Space, Add</i>	49.35	
<i>For Threaded Fittings, Add</i>	24.68	
23 21 13 23-2465 EA 10" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows	610.35	163.64
<i>For Work In Restricted Working Space, Add</i>	73.58	
<i>For Threaded Fittings, Add</i>	36.79	
23 21 13 23-2466 Schedule 80 Polyvinyl Chloride (PVC) Tees (23 21 13 23-2426)		
23 21 13 23-2467 EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	33.57	16.68
<i>For Work In Restricted Working Space, Add</i>	7.50	
<i>For Threaded Fittings, Add</i>	3.75	
23 21 13 23-2468 EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	40.83	21.22
<i>For Work In Restricted Working Space, Add</i>	9.55	
<i>For Threaded Fittings, Add</i>	4.78	
23 21 13 23-2469 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Tees	53.24	28.03
<i>For Work In Restricted Working Space, Add</i>	12.60	
<i>For Threaded Fittings, Add</i>	6.30	
23 21 13 23-2470 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Tees	84.41	35.63
<i>For Work In Restricted Working Space, Add</i>	16.01	
<i>For Threaded Fittings, Add</i>	8.00	
23 21 13 23-2471 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	94.73	42.44
<i>For Work In Restricted Working Space, Add</i>	19.10	
<i>For Threaded Fittings, Add</i>	9.55	
23 21 13 23-2472 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Tees	117.83	52.71
<i>For Work In Restricted Working Space, Add</i>	23.69	
<i>For Threaded Fittings, Add</i>	11.84	
23 21 13 23-2473 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees	146.18	69.29
<i>For Work In Restricted Working Space, Add</i>	31.17	
<i>For Threaded Fittings, Add</i>	15.58	
23 21 13 23-2474 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Tees	176.16	82.31
<i>For Work In Restricted Working Space, Add</i>	37.01	
<i>For Threaded Fittings, Add</i>	18.51	
23 21 13 23-2475 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Tees	225.69	109.75
<i>For Work In Restricted Working Space, Add</i>	49.35	
<i>For Threaded Fittings, Add</i>	24.68	
23 21 13 23-2476 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Tees	421.31	141.53
<i>For Work In Restricted Working Space, Add</i>	63.68	
<i>For Threaded Fittings, Add</i>	31.84	
23 21 13 23-2477 EA 8" Schedule 80 Polyvinyl Chloride (PVC) Tees	748.08	175.58
<i>For Work In Restricted Working Space, Add</i>	78.96	
<i>For Threaded Fittings, Add</i>	39.48	
23 21 13 23-2478 EA 10" Schedule 80 Polyvinyl Chloride (PVC) Tees	1,820.27	262.33
<i>For Work In Restricted Working Space, Add</i>	118.00	
<i>For Threaded Fittings, Add</i>	59.00	
23 21 13 23-2479 Schedule 80 Polyvinyl Chloride (PVC) Crosses (23 21 13 23-2426)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2480	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	44.68 9.37 4.69	20.82
23 21 13 23-2481	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	53.88 11.94 5.97	26.55
23 21 13 23-2482	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	70.12 15.75 7.88	35.04
23 21 13 23-2483	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	115.37 20.01 10.00	44.51
23 21 13 23-2484	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	128.28 23.88 11.94	53.10
23 21 13 23-2485	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	159.65 29.61 14.81	65.83
23 21 13 23-2486	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	196.18 38.96 19.48	86.66
23 21 13 23-2487	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	236.97 46.27 23.13	102.84
23 21 13 23-2488	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	301.55 61.69 30.84	137.18
23 21 13 23-2489	EA	6"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	592.93 79.56 39.78	176.87
23 21 13 23-2490	EA	8"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,088.93 98.65 49.32	219.30
23 21 13 23-2491	EA	10"	Schedule 80 Polyvinyl Chloride (PVC) Crosses <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	2,728.77 147.57 73.79	328.07
23 21 13 23-2492			Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <small>(23 21 13 23-2426)</small>		
23 21 13 23-2493	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	22.98 6.37	14.11
23 21 13 23-2494	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	31.40 7.90	17.57
23 21 13 23-2495	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	45.23 11.17	24.88
23 21 13 23-2496	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	52.90 12.60	28.03
23 21 13 23-2497	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	68.92 16.01	35.63
23 21 13 23-2498	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	105.92 23.69	52.71
23 21 13 23-2499	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	146.76 31.17	69.29
23 21 13 23-2500	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	182.82 37.01	82.31
23 21 13 23-2501	EA	6"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	206.93 42.30	94.06
23 21 13 23-2502	EA	8"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	310.85 49.35	109.75
23 21 13 23-2503	EA	10"	Schedule 80 Polyvinyl Chloride (PVC) Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	504.11 57.33	127.42
23 21 13 23-2504			Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <small>(23 21 13 23-2426)</small>		
23 21 13 23-2505	EA	1/2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	16.50 4.78	10.66
23 21 13 23-2506	EA	3/4"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	24.48 6.37	14.11
23 21 13 23-2507	EA	1"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	31.40 7.90	17.57
23 21 13 23-2508	EA	1-1/4"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	47.56 11.17	24.88
23 21 13 23-2509	EA	1-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	54.99 12.60	28.03
23 21 13 23-2510	EA	2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	69.25 16.01	35.63
23 21 13 23-2511	EA	2-1/2"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	112.58 23.69	52.71
23 21 13 23-2512	EA	3"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	166.16 31.17	69.29
23 21 13 23-2513	EA	4"	Schedule 80 Polyvinyl Chloride (PVC) Threaded Reducing Inserts <i>For Work In Restricted Working Space, Add</i>	219.12 37.01	82.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 21 13 23-2514 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male

23 21 13 23-2514	Adapters <small>(23 21 13 23-2426)</small>		
23 21 13 23-2515	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	23.00 4.78	10.66
23 21 13 23-2516	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	29.05 6.37	14.11
23 21 13 23-2517	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	39.97 7.90	17.57
23 21 13 23-2518	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	53.22 11.17	24.88
23 21 13 23-2519	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	64.98 12.60	28.03
23 21 13 23-2520	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	83.32 16.01	35.63
23 21 13 23-2521	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	113.08 23.69	52.71
23 21 13 23-2522	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	141.77 31.17	69.29
23 21 13 23-2523	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Male Adapters..... <i>For Work In Restricted Working Space, Add</i>	190.73 37.01	82.31

23 21 13 23-2524 Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female

23 21 13 23-2524	Adapters <small>(23 21 13 23-2426)</small>		
23 21 13 23-2525	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	21.08 4.78	10.66
23 21 13 23-2526	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	28.89 6.37	14.11
23 21 13 23-2527	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	37.64 7.90	17.57
23 21 13 23-2528	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	55.64 11.17	24.88
23 21 13 23-2529	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	64.56 12.60	28.03
23 21 13 23-2530	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	92.64 16.01	35.63
23 21 13 23-2531	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	141.05 23.69	52.71
23 21 13 23-2532	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	173.82 31.17	69.29
23 21 13 23-2533	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Socket Weld X Threaded Female Adapters..... <i>For Work In Restricted Working Space, Add</i>	243.59 37.01	82.31

23 21 13 23-2534 Schedule 80 Polyvinyl Chloride (PVC) Couplings (23 21 13 23-2426)

23 21 13 23-2535	EA 1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	21.41 4.78 2.39	10.66
23 21 13 23-2536	EA 3/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	28.64 6.37 3.18	14.11
23 21 13 23-2537	EA 1" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	33.98 7.90 3.95	17.57
23 21 13 23-2538	EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	48.98 11.17 5.59	24.88
23 21 13 23-2539	EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	54.65 12.60 6.30	28.03
23 21 13 23-2540	EA 2" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	66.84 16.01 8.00	35.63
23 21 13 23-2541	EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	112.33 23.69 11.84	52.71
23 21 13 23-2542	EA 3" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	142.27 31.17 15.58	69.29
23 21 13 23-2543	EA 4" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	171.50 37.01 18.51	82.31
23 21 13 23-2544	EA 6" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	244.48 42.30 21.15	94.06
23 21 13 23-2545	EA 8" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	305.36 49.35 24.68	109.75
23 21 13 23-2546	EA 10" Schedule 80 Polyvinyl Chloride (PVC) Couplings..... <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	592.56 52.90 26.45	117.65

23 21 13 23-2547 Schedule 80 Polyvinyl Chloride (PVC) Unions (23 21 13 23-2426)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2548	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	38.64 7.90	17.57
23 21	13 23-2549	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	46.08 9.55	21.22
23 21	13 23-2550	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	58.23 12.60	28.03
23 21	13 23-2551	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	93.98 16.01	35.63
23 21	13 23-2552	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	115.95 19.10	42.44
23 21	13 23-2553	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	149.80 23.69	52.71
23 21	13 23-2554	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	235.80 31.17	69.29
23 21	13 23-2555	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	293.41 37.01	82.31
23 21	13 23-2556	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	370.37 49.35	109.75
23 21	13 23-2557	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	487.46 63.65	141.53
23 21	13 23-2558	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	717.25 78.92	175.49
23 21	13 23-2559	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Unions <i>For Work In Restricted Working Space, Add</i>	1,074.77 97.84	217.53
23 21 13 23-2560 Schedule 80 Polyvinyl Chloride (PVC) Threaded Unions (23 21 13 23-2426)					
23 21	13 23-2561	EA	1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	40.20	21.93
23 21	13 23-2562	EA	3/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	48.22	25.36
23 21	13 23-2563	EA	1", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	58.58	29.91
23 21	13 23-2564	EA	1-1/4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	79.44	35.63
23 21	13 23-2565	EA	1-1/2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	95.84	42.44
23 21	13 23-2566	EA	2", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	128.07	52.71
23 21	13 23-2567	EA	3", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	277.55	102.15
23 21	13 23-2568	EA	4", Scheduler 80, Polyvinyl Chloride (PVC) Threaded Union	300.36	113.31
23 21 13 23-2569 Schedule 80 Polyvinyl Chloride (PVC) Caps (23 21 13 23-2426)					
23 21	13 23-2570	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	14.91 2.15 1.08	4.74
23 21	13 23-2571	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	17.72 2.87 1.43	6.32
23 21	13 23-2572	EA	1" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	26.32 3.55 1.78	7.80
23 21	13 23-2573	EA	1-1/4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	34.24 5.03 2.51	11.06
23 21	13 23-2574	EA	1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	36.38 5.67 2.84	12.44
23 21	13 23-2575	EA	2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	50.22 7.20 3.60	15.89
23 21	13 23-2576	EA	2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	89.39 10.66 5.33	23.49
23 21	13 23-2577	EA	3" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	112.60 14.03 7.01	30.89
23 21	13 23-2578	EA	4" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	161.42 16.66 8.33	36.62
23 21	13 23-2579	EA	6" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	326.52 19.04 9.52	41.85
23 21	13 23-2580	EA	8" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	435.42 22.21 11.10	48.86
23 21	13 23-2581	EA	10" Schedule 80 Polyvinyl Chloride (PVC) Caps <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	775.80 33.11 16.56	72.84
23 21 13 23-2582 Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges (23 21 13 23-2426)					
23 21	13 23-2583	EA	1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	50.21 7.90 3.95	17.57
23 21	13 23-2584	EA	3/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	57.48 9.55 4.78	21.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2585 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	70.56 12.60 6.30	28.03
23 21 13 23-2586 EA 1-1/4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	82.74 16.01 8.00	35.63
23 21 13 23-2587 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	93.72 19.10 9.55	42.44
23 21 13 23-2588 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	118.91 23.69 11.84	52.71
23 21 13 23-2589 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	165.58 31.17 15.58	69.29
23 21 13 23-2590 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	191.48 37.01 18.51	82.31
23 21 13 23-2591 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	250.75 49.35 24.68	109.75
23 21 13 23-2592 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	347.78 63.65 31.82	141.53
23 21 13 23-2593 EA 8" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	568.99 78.92 39.46	175.49
23 21 13 23-2594 EA 10" Schedule 80 Polyvinyl Chloride (PVC) 150 LB Flanges <i>For Work In Restricted Working Space, Add</i> <i>For Threaded Fittings, Add</i>	1,015.67 97.84 48.92	217.53
23 21 13 23-2595 Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <small>(23 21 13 23-2263)</small> Note: In place pipe.		
23 21 13 23-2596 EA 1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.36 1.61	
23 21 13 23-2597 EA 3/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	5.78 1.73	
23 21 13 23-2598 EA 1", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.51 1.95	
23 21 13 23-2599 EA 1-1/4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	6.83 2.05	
23 21 13 23-2600 EA 1-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	7.23 2.17	
23 21 13 23-2601 EA 2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	7.96 2.39	
23 21 13 23-2602 EA 2-1/2", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	8.57 2.57	
23 21 13 23-2603 EA 3", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	10.12 3.04	
23 21 13 23-2604 EA 4", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	13.66 4.10	
23 21 13 23-2605 EA 6", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	19.52 5.86	
23 21 13 23-2606 EA 8", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	26.04 7.81	
23 21 13 23-2607 EA 10", Cut And Prepare Existing Polyvinyl Chloride (PVC) Pressure Pipe <i>For Work In Restricted Working Space, Add</i>	31.84 9.55	
23 21 13 23-2608 Polyethylene Pipe And Fittings <small>(23 21 13 23)</small>		
23 21 13 23-2609 Small Diameter Tubing <small>(23 21 13 23-2608)</small>		
23 21 13 23-2610 Tubing <small>(23 21 13 23-2609)</small>		
23 21 13 23-2611 LF 1/4" Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	3.26 0.89	
23 21 13 23-2612 LF 5/16" Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	3.56 0.91	
23 21 13 23-2613 LF 3/8" Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	3.77 0.93	
23 21 13 23-2614 LF 1/2" Polyethylene Tubing <i>For Work In Restricted Working Space, Add</i>	3.85 1.01	
23 21 13 23-2615 Chrome Plated Pipe <small>(23 21 13 23)</small>		
23 21 13 23-2616 Chrome Plated Nipples <small>(23 21 13 23-2615)</small>		
23 21 13 23-2617 Close <small>(23 21 13 23-2616)</small>		
23 21 13 23-2618 EA 1/4" Diameter Chrome Plated Nipple, Close	19.39	8.57
23 21 13 23-2619 EA 3/8" Diameter Chrome Plated Nipple, Close	18.45	9.33
23 21 13 23-2620 EA 1/2" Diameter Chrome Plated Nipple, Close	23.00	10.72
23 21 13 23-2621 EA 3/4" Diameter Chrome Plated Nipple, Close	30.23	13.61
23 21 13 23-2622 EA 1" Diameter Chrome Plated Nipple, Close	40.51	17.90
23 21 13 23-2623 EA 1-1/4" Diameter Chrome Plated Nipple, Close	57.40	24.97

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2624	EA	1-1/2" Diameter Chrome Plated Nipple, Close.....	70.15	29.26
23 21	13 23-2625	EA	2" Diameter Chrome Plated Nipple, Close.....	90.52	36.44
23 21	13 23-2626		1-1/2" Nipples (23 21 13 23-2616)		
23 21	13 23-2627	EA	1/4" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	20.73	8.90
23 21	13 23-2628	EA	3/8" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	19.50	9.64
23 21	13 23-2629	EA	1/2" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	23.57	11.04
23 21	13 23-2630	EA	3/4" Diameter, 1-1/2" Length, Chrome Plated Nipple.....	31.31	13.93
23 21	13 23-2631		2" Nipples (23 21 13 23-2616)		
23 21	13 23-2632	EA	1/4" Diameter, 2" Length, Chrome Plated Nipple.....	21.57	9.33
23 21	13 23-2633	EA	3/8" Diameter, 2" Length, Chrome Plated Nipple.....	20.16	9.96
23 21	13 23-2634	EA	1/2" Diameter, 2" Length, Chrome Plated Nipple.....	25.43	11.46
23 21	13 23-2635	EA	3/4" Diameter, 2" Length, Chrome Plated Nipple.....	32.89	14.26
23 21	13 23-2636	EA	1" Diameter, 2" Length, Chrome Plated Nipple.....	42.87	18.54
23 21	13 23-2637	EA	1-1/4" Diameter, 2" Length, Chrome Plated Nipple.....	61.30	25.72
23 21	13 23-2638	EA	1-1/2" Diameter, 2" Length, Chrome Plated Nipple.....	74.68	30.01
23 21	13 23-2639		2-1/2" Nipples (23 21 13 23-2616)		
23 21	13 23-2640	EA	1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	22.82	9.64
23 21	13 23-2641	EA	3/8" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	20.90	10.40
23 21	13 23-2642	EA	1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	26.54	11.79
23 21	13 23-2643	EA	3/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	33.68	14.68
23 21	13 23-2644	EA	1" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	44.10	18.97
23 21	13 23-2645	EA	1-1/4" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	65.10	26.04
23 21	13 23-2646	EA	1-1/2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	79.75	30.33
23 21	13 23-2647	EA	2" Diameter, 2-1/2" Length, Chrome Plated Nipple.....	101.56	37.51
23 21	13 23-2648		3" Nipples (23 21 13 23-2616)		
23 21	13 23-2649	EA	1/4" Diameter, 3" Length, Chrome Plated Nipple.....	23.78	9.96
23 21	13 23-2650	EA	3/8" Diameter, 3" Length, Chrome Plated Nipple.....	22.17	10.72
23 21	13 23-2651	EA	1/2" Diameter, 3" Length, Chrome Plated Nipple.....	26.22	11.46
23 21	13 23-2652	EA	3/4" Diameter, 3" Length, Chrome Plated Nipple.....	36.44	15.00
23 21	13 23-2653	EA	1" Diameter, 3" Length, Chrome Plated Nipple.....	49.76	19.29
23 21	13 23-2654	EA	1-1/4" Diameter, 3" Length, Chrome Plated Nipple.....	69.24	26.48
23 21	13 23-2655	EA	1-1/2" Diameter, 3" Length, Chrome Plated Nipple.....	91.75	30.76
23 21	13 23-2656	EA	2" Diameter, 3" Length, Chrome Plated Nipple.....	110.96	37.94
23 21	13 23-2657		3-1/2" Nipples (23 21 13 23-2616)		
23 21	13 23-2658	EA	1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	24.87	10.40
23 21	13 23-2659	EA	3/8" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	24.35	11.04
23 21	13 23-2660	EA	1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	28.90	12.54
23 21	13 23-2661	EA	3/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	40.54	15.32
23 21	13 23-2662	EA	1" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	51.92	19.61
23 21	13 23-2663	EA	1-1/4" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	77.41	26.79
23 21	13 23-2664	EA	1-1/2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	95.33	31.08
23 21	13 23-2665	EA	2" Diameter, 3-1/2" Length, Chrome Plated Nipple.....	118.43	38.26
23 21	13 23-2666		4" Nipples (23 21 13 23-2616)		
23 21	13 23-2667	EA	1/4" Diameter, 4" Length, Chrome Plated Nipple.....	25.95	10.72
23 21	13 23-2668	EA	3/8" Diameter, 4" Length, Chrome Plated Nipple.....	24.96	11.46
23 21	13 23-2669	EA	1/2" Diameter, 4" Length, Chrome Plated Nipple.....	29.21	12.11
23 21	13 23-2670	EA	3/4" Diameter, 4" Length, Chrome Plated Nipple.....	42.13	15.76
23 21	13 23-2671	EA	1" Diameter, 4" Length, Chrome Plated Nipple.....	53.98	20.04
23 21	13 23-2672	EA	1-1/4" Diameter, 4" Length, Chrome Plated Nipple.....	83.63	27.11
23 21	13 23-2673	EA	1-1/2" Diameter, 4" Length, Chrome Plated Nipple.....	102.69	31.40
23 21	13 23-2674	EA	2" Diameter, 4" Length, Chrome Plated Nipple.....	127.56	38.59
23 21	13 23-2675		4-1/2" Nipples (23 21 13 23-2616)		
23 21	13 23-2676	EA	1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	26.92	11.04
23 21	13 23-2677	EA	3/8" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	27.14	11.79
23 21	13 23-2678	EA	1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	32.05	13.18
23 21	13 23-2679	EA	3/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	43.96	16.08
23 21	13 23-2680	EA	1" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	61.18	20.36
23 21	13 23-2681	EA	1-1/4" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	89.59	27.54
23 21	13 23-2682	EA	1-1/2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	105.97	31.83
23 21	13 23-2683	EA	2" Diameter, 4-1/2" Length, Chrome Plated Nipple.....	135.95	39.01
23 21	13 23-2684		5" Nipples (23 21 13 23-2616)		
23 21	13 23-2685	EA	1/4" Diameter, 5" Length, Chrome Plated Nipple.....	30.31	11.46
23 21	13 23-2686	EA	3/8" Diameter, 5" Length, Chrome Plated Nipple.....	28.50	12.11
23 21	13 23-2687	EA	1/2" Diameter, 5" Length, Chrome Plated Nipple.....	33.22	13.61
23 21	13 23-2688	EA	3/4" Diameter, 5" Length, Chrome Plated Nipple.....	45.72	16.40

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	13 23-2689	EA	1" Diameter, 5" Length, Chrome Plated Nipple.....	65.54	20.68
23 21	13 23-2690	EA	1-1/4" Diameter, 5" Length, Chrome Plated Nipple.....	95.00	27.87
23 21	13 23-2691	EA	1-1/2" Diameter, 5" Length, Chrome Plated Nipple.....	113.37	32.15
23 21	13 23-2692	EA	2" Diameter, 5" Length, Chrome Plated Nipple.....	141.37	39.33
23 21	13 23-2693		5-1/2" Nipples (23 21 13 23-2616)		
23 21	13 23-2694	EA	1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	31.29	11.79
23 21	13 23-2695	EA	3/8" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	29.55	12.54
23 21	13 23-2696	EA	1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	36.60	13.93
23 21	13 23-2697	EA	3/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	47.46	16.82
23 21	13 23-2698	EA	1" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	67.80	21.12
23 21	13 23-2699	EA	1-1/4" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	101.56	28.19
23 21	13 23-2700	EA	1-1/2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	119.27	32.47
23 21	13 23-2701	EA	2" Diameter, 5-1/2" Length, Chrome Plated Nipple.....	148.26	39.65
23 21	13 23-2702		6" Nipples (23 21 13 23-2616)		
23 21	13 23-2703	EA	1/4" Diameter, 6" Length, Chrome Plated Nipple.....	32.47	12.11
23 21	13 23-2704	EA	3/8" Diameter, 6" Length, Chrome Plated Nipple.....	30.12	12.87
23 21	13 23-2705	EA	1/2" Diameter, 6" Length, Chrome Plated Nipple.....	37.67	14.26
23 21	13 23-2706	EA	3/4" Diameter, 6" Length, Chrome Plated Nipple.....	48.89	17.15
23 21	13 23-2707	EA	1" Diameter, 6" Length, Chrome Plated Nipple.....	74.78	21.44
23 21	13 23-2708	EA	1-1/4" Diameter, 6" Length, Chrome Plated Nipple.....	105.59	28.61
23 21	13 23-2709	EA	1-1/2" Diameter, 6" Length, Chrome Plated Nipple.....	128.37	32.90
23 21	13 23-2710	EA	2" Diameter, 6" Length, Chrome Plated Nipple.....	154.58	40.09
23 21	13 23-2711		8" Nipples (23 21 13 23-2616)		
23 21	13 23-2712	EA	3/8" Diameter, 8" Length, Chrome Plated Nipple.....	36.27	13.61
23 21	13 23-2713	EA	1/2" Diameter, 8" Length, Chrome Plated Nipple.....	54.54	15.00
23 21	13 23-2714	EA	3/4" Diameter, 8" Length, Chrome Plated Nipple.....	66.39	17.90
23 21	13 23-2715	EA	1" Diameter, 8" Length, Chrome Plated Nipple.....	88.53	22.18
23 21	13 23-2716	EA	1-1/4" Diameter, 8" Length, Chrome Plated Nipple.....	127.49	29.26
23 21	13 23-2717	EA	1-1/2" Diameter, 8" Length, Chrome Plated Nipple.....	157.05	33.55
23 21	13 23-2718	EA	2" Diameter, 8" Length, Chrome Plated Nipple.....	193.63	40.72
23 21	13 23-2719		10" Nipples (23 21 13 23-2616)		
23 21	13 23-2720	EA	3/8" Diameter, 10" Length, Chrome Plated Nipple.....	42.23	13.61
23 21	13 23-2721	EA	1/2" Diameter, 10" Length, Chrome Plated Nipple.....	62.06	15.00
23 21	13 23-2722	EA	3/4" Diameter, 10" Length, Chrome Plated Nipple.....	75.09	17.90
23 21	13 23-2723	EA	1" Diameter, 10" Length, Chrome Plated Nipple.....	101.70	22.18
23 21	13 23-2724	EA	1-1/4" Diameter, 10" Length, Chrome Plated Nipple.....	155.67	29.26
23 21	13 23-2725	EA	1-1/2" Diameter, 10" Length, Chrome Plated Nipple.....	178.51	33.55
23 21	13 23-2726	EA	2" Diameter, 10" Length, Chrome Plated Nipple.....	227.95	40.72
23 21	13 23-2727		12" Nipples (23 21 13 23-2616)		
23 21	13 23-2728	EA	3/8" Diameter, 12" Length, Chrome Plated Nipple.....	47.15	15.00
23 21	13 23-2729	EA	1/2" Diameter, 12" Length, Chrome Plated Nipple.....	64.96	15.76
23 21	13 23-2730	EA	3/4" Diameter, 12" Length, Chrome Plated Nipple.....	83.16	18.54
23 21	13 23-2731	EA	1" Diameter, 12" Length, Chrome Plated Nipple.....	119.84	23.57
23 21	13 23-2732	EA	1-1/4" Diameter, 12" Length, Chrome Plated Nipple.....	175.06	30.76
23 21	13 23-2733	EA	2" Diameter, 12" Length, Chrome Plated Nipple.....	257.56	42.22
23 21	13 23-2734		18" Nipples (23 21 13 23-2616)		
23 21	13 23-2735	EA	3/8" Diameter, 18" Length, Chrome Plated Nipple.....	60.76	15.76
23 21	13 23-2736		24" Nipples (23 21 13 23-2616)		
23 21	13 23-2737	EA	3/8" Diameter, 24" Length, Chrome Plated Nipple.....	73.80	16.40
23 21	13 23-2738		30" Nipples (23 21 13 23-2616)		
23 21	13 23-2739	EA	3/8" Diameter, 30" Length, Chrome Plated Nipple.....	82.07	17.15
23 21	13 23-2740		36" Nipples (23 21 13 23-2616)		
23 21	13 23-2741	EA	3/8" Diameter, 36" Length, Chrome Plated Nipple.....	90.35	17.90
23 21	13 23-2742		Chrome Plated Fittings (23 21 13 23-2615)		
23 21	13 23-2743		Chrome Plated 90 Degree Elbows (23 21 13 23-2742)		
23 21	13 23-2744	EA	1/4" 90 Degree Elbow, Chrome Plated.....	25.03	9.96
23 21	13 23-2745	EA	3/8" 90 Degree Elbow, Chrome Plated.....	25.47	10.72
23 21	13 23-2746	EA	1/2" 90 Degree Elbow, Chrome Plated.....	28.75	11.46
23 21	13 23-2747	EA	3/4" 90 Degree Elbow, Chrome Plated.....	36.63	15.00
23 21	13 23-2748	EA	1" 90 Degree Elbow, Chrome Plated.....	49.89	19.29

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2749	EA	1-1/4" 90 Degree Elbow, Chrome Plated.....	77.23	26.48
23 21 13 23-2750	EA	1-1/2" 90 Degree Elbow, Chrome Plated.....	92.93	30.76
23 21 13 23-2751	EA	2" 90 Degree Elbow, Chrome Plated.....	127.85	37.94
23 21 13 23-2752		Chrome Plated Street 90 Degree Elbows (23 21 13 23-2742)		
23 21 13 23-2753	EA	1/4" Street 90 Degree Elbow, Chrome Plated.....	29.24	9.96
23 21 13 23-2754	EA	3/8" Street 90 Degree Elbow, Chrome Plated.....	30.08	10.72
23 21 13 23-2755	EA	1/2" Street 90 Degree Elbow, Chrome Plated.....	31.96	11.46
23 21 13 23-2756	EA	3/4" Street 90 Degree Elbow, Chrome Plated.....	41.36	15.00
23 21 13 23-2757	EA	1" Street 90 Degree Elbow, Chrome Plated.....	58.62	19.29
23 21 13 23-2758	EA	1-1/4" Street 90 Degree Elbow, Chrome Plated.....	86.17	26.48
23 21 13 23-2759	EA	1-1/2" Street 90 Degree Elbow, Chrome Plated.....	105.46	30.76
23 21 13 23-2760	EA	2" Street 90 Degree Elbow, Chrome Plated.....	157.33	37.94
23 21 13 23-2761		Chrome Plated 45 Degree Elbows (23 21 13 23-2742)		
23 21 13 23-2762	EA	1/4" 45 Degree Elbow, Chrome Plated.....	25.96	9.96
23 21 13 23-2763	EA	3/8" 45 Degree Elbow, Chrome Plated.....	26.80	10.72
23 21 13 23-2764	EA	1/2" 45 Degree Elbow, Chrome Plated.....	29.70	11.46
23 21 13 23-2765	EA	3/4" 45 Degree Elbow, Chrome Plated.....	40.24	15.00
23 21 13 23-2766	EA	1" 45 Degree Elbow, Chrome Plated.....	53.93	19.29
23 21 13 23-2767	EA	1-1/4" 45 Degree Elbow, Chrome Plated.....	82.08	26.48
23 21 13 23-2768	EA	1-1/2" 45 Degree Elbow, Chrome Plated.....	99.42	30.76
23 21 13 23-2769	EA	2" 45 Degree Elbow, Chrome Plated.....	145.69	37.94
23 21 13 23-2770		Chrome Plated Street 45 Degree Elbows (23 21 13 23-2742)		
23 21 13 23-2771	EA	1/2" Street 45 Degree Elbow, Chrome Plated.....	35.48	11.46
23 21 13 23-2772		Chrome Plated Couplings (23 21 13 23-2742)		
23 21 13 23-2773	EA	1/4" Coupling, Chrome Plated.....	24.46	9.96
23 21 13 23-2774	EA	3/8" Coupling, Chrome Plated.....	25.54	10.72
23 21 13 23-2775	EA	1/2" Coupling, Chrome Plated.....	28.99	11.46
23 21 13 23-2776	EA	3/4" Coupling, Chrome Plated.....	36.72	15.00
23 21 13 23-2777	EA	1" Coupling, Chrome Plated.....	47.90	19.29
23 21 13 23-2778	EA	1-1/4" Coupling, Chrome Plated.....	69.96	26.48
23 21 13 23-2779	EA	1-1/2" Coupling, Chrome Plated.....	86.84	30.76
23 21 13 23-2780	EA	2" Coupling, Chrome Plated.....	120.42	37.94
23 21 13 23-2781		Chrome Plated Unions (23 21 13 23-2742)		
23 21 13 23-2782	EA	1/4" Union, Chrome Plated.....	39.99	11.46
23 21 13 23-2783	EA	3/8" Union, Chrome Plated.....	41.09	12.11
23 21 13 23-2784	EA	1/2" Union, Chrome Plated.....	49.83	13.61
23 21 13 23-2785	EA	3/4" Union, Chrome Plated.....	61.64	17.90
23 21 13 23-2786	EA	1" Union, Chrome Plated.....	77.91	22.83
23 21 13 23-2787	EA	1-1/4" Union, Chrome Plated.....	127.31	30.76
23 21 13 23-2788	EA	1-1/2" Union, Chrome Plated.....	158.78	36.44
23 21 13 23-2789	EA	2" Union, Chrome Plated.....	207.71	44.37
23 21 13 23-2790		Chrome Plated Caps (23 21 13 23-2742)		
23 21 13 23-2791	EA	1/4" Cap, Chrome Plated.....	16.73	5.04
23 21 13 23-2792	EA	3/8" Cap, Chrome Plated.....	17.26	5.36
23 21 13 23-2793	EA	1/2" Cap, Chrome Plated.....	19.77	5.68
23 21 13 23-2794	EA	3/4" Cap, Chrome Plated.....	24.60	7.51
23 21 13 23-2795	EA	1" Cap, Chrome Plated.....	29.13	9.64
23 21 13 23-2796	EA	1-1/4" Cap, Chrome Plated.....	43.15	13.18
23 21 13 23-2797	EA	1-1/2" Cap, Chrome Plated.....	57.17	15.32
23 21 13 23-2798	EA	2" Cap, Chrome Plated.....	83.96	20.04
23 21 13 23-2799		Chrome Plated Plugs (23 21 13 23-2742)		
23 21 13 23-2800	EA	1/4" Plug, Chrome Plated.....	13.52	5.04
23 21 13 23-2801	EA	3/8" Plug, Chrome Plated.....	14.05	5.36
23 21 13 23-2802	EA	1/2" Plug, Chrome Plated.....	16.39	5.68
23 21 13 23-2803	EA	3/4" Plug, Chrome Plated.....	22.20	7.51
23 21 13 23-2804	EA	1" Plug, Chrome Plated.....	27.30	9.64
23 21 13 23-2805	EA	1-1/4" Plug, Chrome Plated.....	36.83	13.18
23 21 13 23-2806	EA	1-1/2" Plug, Chrome Plated.....	45.60	15.32
23 21 13 23-2807	EA	2" Plug, Chrome Plated.....	63.83	20.04
23 21 13 23-2808		Chrome Plated Tees (23 21 13 23-2742)		
23 21 13 23-2809	EA	1/4" Chrome Plated Tee.....	34.61	15.00
23 21 13 23-2810	EA	3/8" Chrome Plated Tee.....	36.75	16.40
23 21 13 23-2811	EA	1/2" Chrome Plated Tee.....	41.03	17.90
23 21 13 23-2812	EA	3/4" Chrome Plated Tee.....	51.12	22.18
23 21 13 23-2813	EA	1" Chrome Plated Tee.....	73.15	28.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 13 23-2814 EA 1-1/4" Chrome Plated Tee	100.85	39.33
23 21 13 23-2815 EA 1-1/2" Chrome Plated Tee	129.84	45.76
23 21 13 23-2816 EA 2" Chrome Plated Tee	179.13	56.48
23 21 13 23-2817 Chrome Plated Reducing 90 Degree Elbows (23 21 13 23-2742)		
23 21 13 23-2818 EA 1/2" x 3/8" Reducing 90 Degree Elbow, Chrome Plated	38.89	17.90
23 21 13 23-2819 EA 3/4" x 1/2" Reducing 90 Degree Elbow, Chrome Plated	45.33	22.18
23 21 13 23-2820 Chrome Plated Bell Reducers (23 21 13 23-2742)		
23 21 13 23-2821 EA 1/2" x 3/8" Bell Reducer, Chrome Plated	42.76	17.90
23 21 13 23-2822 EA 3/4" x 1/2" Bell Reducer, Chrome Plated	52.00	22.18
23 21 13 23-2823 EA 1" x 1/2" Bell Reducer, Chrome Plated	66.00	28.61
23 21 13 23-2824 Chrome Plated Reducing Tees (23 21 13 23-2742)		
23 21 13 23-2825 EA 3/4" x 1/2" Reducing Tee, Chrome Plated	56.92	22.18
23 21 13 23-2826 Chrome Plated Bushings (23 21 13 23-2742)		
23 21 13 23-2827 EA 3/8" x 1/4" Bushing, Chrome Plated	13.43	5.04
23 21 13 23-2828 EA 1/2" x 1/4" Bushing, Chrome Plated	14.46	5.36
23 21 13 23-2829 EA 1/2" x 3/8" Bushing, Chrome Plated	14.99	5.68
23 21 13 23-2830 EA 3/4" x 1/2" Bushing, Chrome Plated	19.01	7.51
23 21 13 23-2831 EA 1" x 3/4" Bushing, Chrome Plated	27.91	9.64
23 21 13 23-2832 EA 1-1/4" x 1" Bushing, Chrome Plated	40.99	13.18
23 21 13 23-2833 Aluminum Tubing Assemblies (23 21 13 23)		
Note: ASTM B210 (Tubing), ASTM B26 (Fittings). Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2834 LF 1/8" Inside Diameter Aluminum Pipe/Tubing Assembly	10.11	3.75
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2835 LF 3/16" Inside Diameter Aluminum Pipe/Tubing Assembly	11.50	4.29
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2836 LF 1/4" Inside Diameter Aluminum Pipe/Tubing Assembly	12.79	4.83
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2837 LF 5/16" Inside Diameter Aluminum Pipe/Tubing Assembly	13.92	5.36
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2838 LF 3/8" Inside Diameter Aluminum Pipe/Tubing Assembly	15.47	5.89
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2839 LF 1/2" Inside Diameter Aluminum Pipe/Tubing Assembly	17.98	6.43
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2840 LF 5/8" Inside Diameter Aluminum Pipe/Tubing Assembly	21.12	7.40
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2841 LF 3/4" Inside Diameter Aluminum Pipe/Tubing Assembly	26.48	8.39
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2842 LF 7/8" Inside Diameter Aluminum Pipe/Tubing Assembly	30.91	9.37
Note: Includes all hangers and aluminum fittings (couplings, elbows, tees and reducer fittings). All hangers are complete assemblies.		
23 21 13 23-2843 LF 1" Inside Diameter Aluminum Pipe/Tubing Assembly	37.94	9.87
23 21 16 Hydronic Piping Specialties (23 21)		
23 21 16 00-0001 Vent Valves (23 21 16)		
23 21 16 00-0002 EA 1/8", 1.5 PSIG Operating Pressure, Non-Vacuum Adjustable Angle Radiator Steam Vent Valve (Hoffman 1A)	77.94	16.09
23 21 16 00-0003 EA 1/2" x 3/4", 35 PSIG Operating Pressure, Straight Steam Unit Heater Air Vent Valve (Hoffman 74)	192.81	17.30
23 21 16 00-0004 EA 1/2" x 3/4", 3 PSIG Operating Pressure, Non-Vacuum Main Steam Air Vent Valve (Hoffman 75)	183.63	17.30
23 21 16 00-0005 EA 1/2" x 3/4", 10 PSIG Operating Pressure, Non Vacuum Straight Non-Vacuum Main Steam Air Vent Valve (Hoffman 75H)	190.06	17.30
23 21 16 00-0006 EA 3/4", 150 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 78)	246.28	17.30
23 21 16 00-0007 EA 1/2" x 3/4", 75 PSIG Operating Pressure, Straight Water Main Vent Valve (Hoffman 79)	181.11	17.30
23 21 16 00-0008 Threaded Inlet, Drip-Pan Elbow (23 21 16)		
23 21 16 00-0009 Cast Iron, Threaded Inlet, Drip-Pan Elbow (23 21 16 00-0008)		
23 21 16 00-0010 EA 2-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	276.17	27.06
For Flanged Inlet, Add		114.91
23 21 16 00-0011 EA 3" Cast Iron, Threaded Inlet, Drip-Pan Elbow	310.72	32.07
For Flanged Inlet, Add		123.35
23 21 16 00-0012 EA 3-1/2" Cast Iron, Threaded Inlet, Drip-Pan Elbow	394.32	37.08
For Flanged Inlet, Add		166.42

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	16 00-0013	EA	4" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	600.46 292.80	42.10
23 21	16 00-0014	EA	5" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	676.43 323.67	50.11
23 21	16 00-0015	EA	6" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	946.15 473.01	63.14
23 21	16 00-0016	EA	8" Cast Iron, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	2,185.06 1,258.67	83.18
23 21 16 00-0017 Cast Steel, Threaded Inlet, Drip-Pan Elbow (23 21 16 00-0008)					
23 21	16 00-0018	EA	2-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	1,250.78 777.64	27.06
23 21	16 00-0019	EA	3" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	1,515.04 942.29	32.07
23 21	16 00-0020	EA	3-1/2" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	2,214.78 1,404.33	37.08
23 21	16 00-0021	EA	4" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	2,235.06 1,404.33	42.10
23 21	16 00-0022	EA	5" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	3,281.73 2,095.28	50.11
23 21	16 00-0023	EA	6" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	3,331.84 2,095.28	63.14
23 21	16 00-0024	EA	8" Cast Steel, Threaded Inlet, Drip-Pan Elbow <i>For Flanged Inlet, Add</i>	5,625.41 3,598.10	83.18
23 21 16 00-0025 Y-Type Strainers (23 21 16)					
23 21 16 00-0026 Screwed Ends, 250 LB, Iron Body, Y-Type Strainers (23 21 16 00-0025)					
23 21	16 00-0027	EA	1/4" Or 3/8" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	77.84 10.29 21.77	12.00
23 21	16 00-0028	EA	1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	78.37 10.45 21.77	12.23
23 21	16 00-0029	EA	3/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	99.14 14.15 25.98	16.51
23 21	16 00-0030	EA	1" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	126.50 16.89 35.11	19.72
23 21	16 00-0031	EA	1-1/4" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	165.89 20.91 48.10	24.39
23 21	16 00-0032	EA	1-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	190.91 22.52 57.93	26.27
23 21	16 00-0033	EA	2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	264.11 25.73 89.17	30.02
23 21	16 00-0034	EA	2-1/2" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	508.14 32.17 200.46	37.52
23 21	16 00-0035	EA	3" Screwed Ends, 250 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	657.82 40.21 261.90	46.96
23 21 16 00-0036 Flanged, 125 LB, Iron Body, Y-Type Strainers (23 21 16 00-0025)					
23 21	16 00-0037	EA	1-1/2" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	321.80 42.32 90.37	112.58
23 21	16 00-0038	EA	2" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	374.28 53.61 97.79	142.92
23 21	16 00-0039	EA	3" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	694.36 68.44 233.12	182.28
23 21	16 00-0040	EA	4" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	912.02 114.88 264.55	305.57
23 21	16 00-0041	EA	5" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	976.10 115.25 295.97	307.81
23 21	16 00-0042	EA	6" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	1,164.18 128.71 367.58	342.01
23 21	16 00-0043	EA	8" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	1,990.74 162.86 723.94	437.01
23 21	16 00-0044	EA	10" Flanged, 125 LB, Iron Body, Y-Type Strainer <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	3,892.06 199.50 1,613.53	532.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0045 EA 12" Flanged, 125 LB, Iron Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For Galvanized Body, Add</i>	4,305.44 285.00 1,677.72	475.01
23 21 16 00-0046 Screwed Ends, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0025) Note: With screwed cap (4" size has bolted cap).		
23 21 16 00-0047 EA 1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	67.58 10.45 55.66	12.23
23 21 16 00-0048 EA 3/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	89.74 14.15 72.35	16.51
23 21 16 00-0049 EA 1" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	109.90 16.89 91.14	19.72
23 21 16 00-0050 EA 1-1/4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	136.82 20.91 114.10	24.39
23 21 16 00-0051 EA 1-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	162.23 22.52 148.19	26.27
23 21 16 00-0052 EA 2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	227.37 25.73 240.72	30.02
23 21 16 00-0053 EA 2-1/2" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	340.90 32.17 397.26	37.52
23 21 16 00-0054 EA 3" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	618.52 40.21 823.65	46.96
23 21 16 00-0055 EA 4" Screwed Ends, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,080.33 48.25 1,563.15	56.29
23 21 16 00-0056 Flanged, 150 LB, Bronze Body, Y-Type Strainers (23 21 16 00-0025) Note: With bolted cap.		
23 21 16 00-0057 EA 2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	585.40 53.61 244.02	142.92
23 21 16 00-0058 EA 2-1/2" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	609.31 58.48 248.62	155.47
23 21 16 00-0059 EA 3" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	702.61 68.44 284.69	182.28
23 21 16 00-0060 EA 4" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	1,535.86 114.88 691.76	305.57
23 21 16 00-0061 EA 6" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	2,176.68 128.71 1,048.59	342.01
23 21 16 00-0062 EA 8" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	3,525.36 162.86 1,789.50	437.01
23 21 16 00-0063 EA 10" Flanged, 150 LB, Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i> <i>For 300 LB Rating, Add</i>	11,369.61 199.50 6,422.77	532.01
23 21 16 00-0064 Class 125, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0025) Note: Nibco®		
23 21 16 00-0065 EA 1/2" Class 125, Crimped Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i>	170.70 7.24	10.72
23 21 16 00-0066 EA 3/4" Class 125, Crimped Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i>	197.83 8.24	11.79
23 21 16 00-0067 EA 1" Class 125, Crimped Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i>	282.90 9.85	13.40
23 21 16 00-0068 EA 1-1/4" Class 125, Crimped Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i>	380.89 10.85	14.26
23 21 16 00-0069 EA 1-1/2" Class 125, Crimped Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i>	459.28 12.06	16.50
23 21 16 00-0070 EA 2" Class 125, Crimped Bronze Body, Y-Type Strainer..... <i>For Work In Restricted Working Space, Add</i>	682.46 14.47	19.50
23 21 16 00-0071 250 PSI, Crimped Bronze Body, Y-Type Strainers (23 21 16 00-0025)		
23 21 16 00-0072 EA 1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	70.42	10.72
23 21 16 00-0073 EA 3/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	85.84	11.79
23 21 16 00-0074 EA 1" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	125.42	13.40
23 21 16 00-0075 EA 1-1/4" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	153.09	14.26
23 21 16 00-0076 EA 1-1/2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	182.54	16.50
23 21 16 00-0077 EA 2" 250 PSI, Crimped Bronze Body, Y-Type Strainer.....	239.48	19.50

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0078			Cast Iron Body, Suction Diffusers ^(23 21 16)		
			Note: 175 PSI, steel inlet vanes, steel orifice cylinder and 16 mesh bronze startup strainer.		
23 21 16 00-0079	EA		2" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	532.84	42.24
			<i>For Work In Restricted Working Space, Add</i>	20.68	
23 21 16 00-0080	EA		2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	559.04	46.86
			<i>For Work In Restricted Working Space, Add</i>	22.98	
23 21 16 00-0081	EA		2-1/2" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	567.54	49.21
			<i>For Work In Restricted Working Space, Add</i>	24.14	
23 21 16 00-0082	EA		2-1/2" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,067.06	155.47
			<i>For Work In Restricted Working Space, Add</i>	58.48	
23 21 16 00-0083	EA		3" x 1-1/2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	585.16	57.26
			<i>For Work In Restricted Working Space, Add</i>	28.03	
23 21 16 00-0084	EA		3" x 2" Screwed Ends, 175 LB, Cast Iron Body, Suction Diffuser	664.02	57.26
			<i>For Work In Restricted Working Space, Add</i>	28.03	
23 21 16 00-0085	EA		3" x 2-1/2" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,116.13	169.22
			<i>For Work In Restricted Working Space, Add</i>	63.46	
23 21 16 00-0086	EA		3" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,137.36	182.28
			<i>For Work In Restricted Working Space, Add</i>	68.44	
23 21 16 00-0087	EA		4" x 3" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,377.12	244.42
			<i>For Work In Restricted Working Space, Add</i>	91.66	
23 21 16 00-0088	EA		4" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,616.89	305.57
			<i>For Work In Restricted Working Space, Add</i>	114.88	
23 21 16 00-0089	EA		6" x 4" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	1,859.36	307.33
			<i>For Work In Restricted Working Space, Add</i>	115.25	
23 21 16 00-0090	EA		6" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	2,252.14	342.01
			<i>For Work In Restricted Working Space, Add</i>	128.71	
23 21 16 00-0091	EA		8" x 6" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	2,537.61	437.01
			<i>For Work In Restricted Working Space, Add</i>	162.86	
23 21 16 00-0092	EA		8" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	3,971.05	437.01
			<i>For Work In Restricted Working Space, Add</i>	162.86	
23 21 16 00-0093	EA		10" x 8" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	4,529.25	532.01
			<i>For Work In Restricted Working Space, Add</i>	199.50	
23 21 16 00-0094	EA		10" x 10" Flanged, 175 LB, Cast Iron Body, Suction Diffuser	5,313.24	532.01
			<i>For Work In Restricted Working Space, Add</i>	199.50	
23 21 16 00-0095			Duplex Strainers ^(23 21 16)		
23 21 16 00-0096			Iron Body, Duplex Strainers ^(23 21 16 00-0095)		
23 21 16 00-0097			Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers ^(23 21 16 00-0096)		
			Note: With brass or stainless steel basket.		
23 21 16 00-0098	EA		3/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	888.28	26.70
			<i>For Work In Restricted Working Space, Add</i>	16.03	
23 21 16 00-0099	EA		1" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	991.67	30.56
			<i>For Work In Restricted Working Space, Add</i>	18.35	
23 21 16 00-0100	EA		1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,345.82	35.92
			<i>For Work In Restricted Working Space, Add</i>	21.54	
23 21 16 00-0101	EA		1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	1,695.79	39.14
			<i>For Work In Restricted Working Space, Add</i>	23.48	
23 21 16 00-0102	EA		2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,274.17	47.71
			<i>For Work In Restricted Working Space, Add</i>	28.72	
23 21 16 00-0103	EA		2-1/2" Screwed Ends, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	2,861.55	61.12
			<i>For Work In Restricted Working Space, Add</i>	36.66	
23 21 16 00-0104			Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainers ^(23 21 16 00-0096)		
			Note: With brass or stainless steel basket.		
23 21 16 00-0105	EA		2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	3,091.98	142.92
			<i>For Work In Restricted Working Space, Add</i>	53.61	
23 21 16 00-0106	EA		2-1/2" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	3,195.18	155.47
			<i>For Work In Restricted Working Space, Add</i>	58.48	
23 21 16 00-0107	EA		3" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	4,098.00	182.28
			<i>For Work In Restricted Working Space, Add</i>	68.44	
23 21 16 00-0108	EA		4" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	6,426.73	270.75
			<i>For Work In Restricted Working Space, Add</i>	101.79	
23 21 16 00-0109	EA		6" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	12,603.92	342.01
			<i>For Work In Restricted Working Space, Add</i>	128.71	
23 21 16 00-0110	EA		8" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	24,023.00	437.01
			<i>For Work In Restricted Working Space, Add</i>	162.86	
23 21 16 00-0111	EA		10" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	33,189.35	532.01
			<i>For Work In Restricted Working Space, Add</i>	199.50	
23 21 16 00-0112	EA		12" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	37,518.65	670.71
			<i>For Work In Restricted Working Space, Add</i>	402.55	
23 21 16 00-0113	EA		14" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	44,779.61	760.01
			<i>For Work In Restricted Working Space, Add</i>	285.00	
23 21 16 00-0114	EA		16" Flanged, 125 LB, Bronze Diverter, Iron Body, Duplex Strainer	56,005.94	836.01
			<i>For Work In Restricted Working Space, Add</i>	313.50	
23 21 16 00-0115			Bronze Body, Duplex Strainers ^(23 21 16 00-0095)		
23 21 16 00-0116			Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainers ^(23 21 16 00-0115)		
			Note: With brass or stainless steel basket.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0117 EA 3/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,662.25	26.80
<i>For Work In Restricted Working Space, Add</i>	16.03	
23 21 16 00-0118 EA 1" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	1,843.91	30.56
<i>For Work In Restricted Working Space, Add</i>	18.35	
23 21 16 00-0119 EA 1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	2,702.45	35.92
<i>For Work In Restricted Working Space, Add</i>	21.54	
23 21 16 00-0120 EA 1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	3,556.81	39.14
<i>For Work In Restricted Working Space, Add</i>	23.48	
23 21 16 00-0121 EA 2" Screwed Ends, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	4,596.09	47.71
<i>For Work In Restricted Working Space, Add</i>	28.72	
23 21 16 00-0122 EA 2-1/2" Screwed, 125 LB, Bronze Diverter, Bronze Body Duplex Strainer	5,644.38	61.12
<i>For Work In Restricted Working Space, Add</i>	36.66	
23 21 16 00-0123 Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainers <small>(23 21 16 00-0115)</small>		
Note: With brass or stainless steel basket.		
23 21 16 00-0124 EA 2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	6,440.07	142.92
<i>For Work In Restricted Working Space, Add</i>	53.61	
23 21 16 00-0125 EA 2-1/2" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	6,630.24	155.47
<i>For Work In Restricted Working Space, Add</i>	58.48	
23 21 16 00-0126 EA 3" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	9,098.40	182.28
<i>For Work In Restricted Working Space, Add</i>	68.44	
23 21 16 00-0127 EA 4" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	14,340.41	270.75
<i>For Work In Restricted Working Space, Add</i>	101.79	
23 21 16 00-0128 EA 6" Flanged, 125 LB, Bronze Diverter, Bronze Body, Duplex Strainer	31,214.11	342.01
<i>For Work In Restricted Working Space, Add</i>	128.71	
23 21 16 00-0129 Cast Steel Body, Duplex Strainers <small>(23 21 16 00-0095)</small>		
23 21 16 00-0130 Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers		
<small>(23 21 16 00-0129)</small>		
Note: With brass or stainless steel basket.		
23 21 16 00-0131 EA 1" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	2,593.34	30.56
<i>For Work In Restricted Working Space, Add</i>	18.35	
23 21 16 00-0132 EA 1-1/4" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,194.79	35.92
<i>For Work In Restricted Working Space, Add</i>	21.53	
23 21 16 00-0133 EA 1-1/2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	3,792.13	39.14
<i>For Work In Restricted Working Space, Add</i>	23.48	
23 21 16 00-0134 EA 2" Screwed Ends, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,426.16	47.71
<i>For Work In Restricted Working Space, Add</i>	28.72	
23 21 16 00-0135 Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainers <small>(23 21 16 00-0129)</small>		
Note: With brass or stainless steel basket.		
23 21 16 00-0136 EA 2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	6,551.33	142.92
<i>For Work In Restricted Working Space, Add</i>	53.61	
23 21 16 00-0137 EA 2-1/2" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	7,200.62	155.47
<i>For Work In Restricted Working Space, Add</i>	58.48	
23 21 16 00-0138 EA 3" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	9,470.55	182.28
<i>For Work In Restricted Working Space, Add</i>	68.44	
23 21 16 00-0139 EA 4" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	13,886.41	270.75
<i>For Work In Restricted Working Space, Add</i>	101.79	
23 21 16 00-0140 EA 6" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	23,725.02	342.01
<i>For Work In Restricted Working Space, Add</i>	128.71	
23 21 16 00-0141 EA 8" Flanged, 125 LB, Bronze Diverter, Cast Steel Body, Duplex Strainer	46,290.78	437.01
<i>For Work In Restricted Working Space, Add</i>	162.86	
23 21 16 00-0142 Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0095)</small>		
23 21 16 00-0143 Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0142)</small>		
Note: With stainless steel basket.		
23 21 16 00-0144 EA 1" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	6,485.06	30.56
<i>For Work In Restricted Working Space, Add</i>	18.35	
23 21 16 00-0145 EA 1-1/4" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	8,196.81	35.92
<i>For Work In Restricted Working Space, Add</i>	21.53	
23 21 16 00-0146 EA 1-1/2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	9,892.55	39.14
<i>For Work In Restricted Working Space, Add</i>	23.48	
23 21 16 00-0147 EA 2" Screwed Ends, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	15,858.05	47.71
<i>For Work In Restricted Working Space, Add</i>	28.72	
23 21 16 00-0148 Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainers <small>(23 21 16 00-0142)</small>		
Note: With stainless steel basket.		
23 21 16 00-0149 EA 2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	16,595.30	142.92
<i>For Work In Restricted Working Space, Add</i>	53.61	
23 21 16 00-0150 EA 2-1/2" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	17,444.27	155.47
<i>For Work In Restricted Working Space, Add</i>	58.48	
23 21 16 00-0151 EA 3" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer	27,351.20	182.28
<i>For Work In Restricted Working Space, Add</i>	68.44	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0152 EA 4" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	33,410.41 101.79	270.75
23 21 16 00-0153 EA 6" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	58,719.86 128.71	342.01
23 21 16 00-0154 EA 8" Flanged, 125 LB, Stainless Steel Diverter, Stainless Steel Body, Duplex Strainer..... <i>For Work In Restricted Working Space, Add</i>	108,559.33 162.86	437.01
23 21 16 00-0155 Pressure Regulating Valve (23 21 16)		
23 21 16 00-0156 Screwed Ends, Iron Body, Water Pressure Reducing Valves (23 21 16 00-0155) Note: For building services, 25 - 75 PSI, up to 300 Lbs. rating		
23 21 16 00-0157 EA 1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	223.51 16.08	13.40
23 21 16 00-0158 EA 3/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	276.11 17.86	15.00
23 21 16 00-0159 EA 1" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	364.99 18.92	16.08
23 21 16 00-0160 EA 1-1/4" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	629.57 21.44	18.00
23 21 16 00-0161 EA 1-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	855.64 25.72	21.44
23 21 16 00-0162 EA 2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	1,225.30 39.48	32.87
23 21 16 00-0163 EA 2-1/2" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	1,332.38 44.42	37.01
23 21 16 00-0164 EA 3" Screwed Ends, Iron Construction, Water Pressure Reducing Valve <i>For Work In Restricted Working Space, Add</i>	1,463.83 49.35	107.09
23 21 16 00-0165 Cast Iron Body, Steam Pressure Regulator And Reducer (23 21 16 00-0155) Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0166 Screwed Ends, Cast Iron Body, Steam Pressure Regulator And Reducer (23 21 16 00-0165)		
23 21 16 00-0167 EA 1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	377.98 21.59	18.01
23 21 16 00-0168 EA 3/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	472.31 30.63	25.52
23 21 16 00-0169 EA 1" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	607.66 37.40	31.09
23 21 16 00-0170 EA 1-1/4" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	814.89 43.47	37.75
23 21 16 00-0171 EA 1-1/2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	1,096.38 49.49	42.89
23 21 16 00-0172 EA 2" Screwed Ends, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	1,281.97 60.13	60.13
23 21 16 00-0173 Flanged, Cast Iron Body, Steam Pressure Regulator And Reducer (23 21 16 00-0165) Note: Single seated, spring loaded, direct acting diaphragm valve.		
23 21 16 00-0174 EA 2-1/2" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	2,977.96 54.67	145.32
23 21 16 00-0175 EA 3" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	3,703.98 63.97	170.38
23 21 16 00-0176 EA 4" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	4,757.52 107.38	285.63
23 21 16 00-0177 EA 6" Flanged, Cast Iron Body, Steam Pressure Regulator Valve And Reducer <i>For Work In Restricted Working Space, Add</i>	11,883.36 127.48	338.73
23 21 16 00-0178 Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves (23 21 16 00-0155)		
23 21 16 00-0179 Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves (23 21 16 00-0178)		
23 21 16 00-0180 EA 1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,163.39 19.62	13.08
23 21 16 00-0181 EA 3/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,208.89 19.62	13.08
23 21 16 00-0182 EA 1" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,352.44 24.77	16.51
23 21 16 00-0183 EA 1-1/4" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	2,764.21 31.52	21.01
23 21 16 00-0184 EA 1-1/2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	3,164.52 36.35	24.23
23 21 16 00-0185 EA 2" Screwed Ends, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	3,924.06 42.78	28.52
23 21 16 00-0186 Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valves (23 21 16 00-0178)		
23 21 16 00-0187 EA 2-1/2" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	4,848.36 54.67	145.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0188 EA 3" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	5,981.46 63.97	170.38
23 21 16 00-0189 EA 4" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	9,058.29 107.38	285.63
23 21 16 00-0190 EA 6" Flanged, Cast Iron Body, Externally Piloted, Steam Pressure Regulating And Reducing Valve <i>For Work In Restricted Working Space, Add</i>	19,943.86 127.48	338.73
23 21 16 00-0191 Screwed Ends, Cast Iron Body, Air Pressure Reducing Valves (23 21 16 00-0155)		
23 21 16 00-0192 EA 1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	251.45	13.93
23 21 16 00-0193 EA 3/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	311.72	15.43
23 21 16 00-0194 EA 1" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	414.64	16.40
23 21 16 00-0195 EA 1-1/4" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	721.34	18.65
23 21 16 00-0196 EA 1-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	982.21	22.29
23 21 16 00-0197 EA 2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,405.13	34.15
23 21 16 00-0198 EA 2-1/2" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,522.18	37.20
23 21 16 00-0199 EA 3" Screwed Ends, Cast Iron Body, Air Pressure Reducing Valve	1,677.48	42.84
23 21 16 00-0200 Screwed Ends, Bronze Body, Water Pressure Reducing Valves (23 21 16 00-0155)		
Note: For building services, bronze construction, pressure adjustment, union and strainer, factory set at 45 PSI (Watts 25AUB).		
23 21 16 00-0201 EA 1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	198.46	13.40
23 21 16 00-0202 EA 3/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	218.00	15.00
23 21 16 00-0203 EA 1" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	272.50	16.61
23 21 16 00-0204 EA 1-1/4" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	657.24	18.00
23 21 16 00-0205 EA 1-1/2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	711.13	21.44
23 21 16 00-0206 EA 2" Screwed Ends, Bronze Body, Water Pressure Reducing Valve	1,117.95	32.87
23 21 16 00-0207 Dual Unit Reducing And Relief Valve (23 21 16)		
23 21 16 00-0208 EA 1/2" Dual Unit Reducing And Relief Valve	223.33	32.71
23 21 16 00-0209 Safety Relief Valve (23 21 16)		
Note: Used in water heater and hot water storage tank applications.		
23 21 16 00-0210 Threaded Inlet, Bronze Body Safety Valves (23 21 16 00-0209)		
Note: Variable set points to 150 psig pressure, 210 Degree F temperature range.		
23 21 16 00-0211 EA 1/2" x 1/2" Threaded Inlet, Bronze Body Safety Valve	78.66	13.40
23 21 16 00-0212 EA 3/4" x 3/4" Threaded Inlet, Bronze Body Safety Valve	111.75	14.74
23 21 16 00-0213 EA 1" x 1" Threaded Inlet, Bronze Body Safety Valve	163.82	17.95
23 21 16 00-0214 EA 1-1/4" x 1-1/4" Threaded Inlet, Bronze Body Safety Valve	214.88	19.02
23 21 16 00-0215 EA 1-1/2" x 1-1/2" Threaded Inlet, Bronze Body Safety Valve	296.42	25.46
23 21 16 00-0216 EA 2" x 2" Threaded Inlet, Bronze Body Safety Valve	400.64	30.01
23 21 16 00-0217 EA 2-1/2" x 2-1/2" Threaded Inlet, Bronze Body Safety Valve	451.76	37.51
23 21 16 00-0218 Threaded, Bronze Body, Temperature And Pressure Relief Valves (23 21 16)		
23 21 16 00-0219 EA 1/2" x 1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve <i>For Cast Iron Body, Add</i>	91.06 58.01	27.33
23 21 16 00-0220 EA 3/4" x 3/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve <i>For Cast Iron Body, Add</i>	118.25 80.83	32.79
23 21 16 00-0221 EA 1" x 1" Threaded, Bronze Body, Temperature And Pressure Relief Valve <i>For Cast Iron Body, Add</i>	174.43 128.73	43.72
23 21 16 00-0222 EA 1-1/4" x 1-1/4" Threaded, Bronze Body, Temperature And Pressure Relief Valve <i>For Cast Iron Body, Add</i>	295.42 273.58	46.84
23 21 16 00-0223 EA 1-1/2" x 1-1/2" Threaded, Bronze Body, Temperature And Pressure Relief Valve <i>For Cast Iron Body, Add</i>	504.38 523.34	52.52
23 21 16 00-0224 EA 2" x 2" Threaded, Bronze Body, Temperature And Pressure Relief Valve <i>For Cast Iron Body, Add</i>	579.28 569.88	75.51
23 21 16 00-0225 Thermostatic Radiator Valves (23 21 16)		
Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0226 EA 1/2" Straight Thermostatic Radiator Valve (Danfoss 013G8015).....	81.31	17.30
23 21 16 00-0227 EA 3/4" Straight Thermostatic Radiator Valve (Danfoss 013G8020).....	99.05	23.31
23 21 16 00-0228 EA 1" Straight Thermostatic Radiator Valve (Danfoss 013G8025).....	131.75	28.22
23 21 16 00-0229 EA 1-1/4" Straight Thermostatic Radiator Valve (Danfoss 013G8032).....	204.01	35.75
23 21 16 00-0230 EA 1/2" Angle Thermostatic Radiator Valve (Danfoss 013G8014).....	81.31	17.30
23 21 16 00-0231 EA 3/4" Angle Thermostatic Radiator Valve (Danfoss 013G8019).....	99.05	23.31
23 21 16 00-0232 EA 1" Angle Thermostatic Radiator Valve (Danfoss 013G8024).....	131.75	28.22
23 21 16 00-0233 EA 1-1/4" Angle Thermostatic Radiator Valve (Danfoss 013G8031).....	204.01	35.75
23 21 16 00-0234 EA Tamper Resistant Valve Mounted Dial And Sensor Thermostatic Operator (Danfoss 013G8240).....	82.86	13.40
23 21 16 00-0235 EA Tamper Resistant Valve Mounted Dial With Remote Sensor Thermostatic Operator (Danfoss 013G2922).....	139.22	18.77
23 21 16 00-0236 Radiator Trap Repair Kits (23 21 16)		
Note: For hot water or two pipe low pressure steam.		
23 21 16 00-0237 EA 1/2" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1031).....	146.23	
23 21 16 00-0238 EA 3/4" Trap (Spirax-Sarco TH-125), Straight, Radiator Trap Repair Kit (Spirax-Sarco SH1032).....	182.85	
23 21 16 00-0239 EA 1/2" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1026).....	186.02	
23 21 16 00-0240 EA 3/4" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1027).....	211.29	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	16 00-0241	EA	1" Trap (Spirax-Sarco TH-125), Angle, Radiator Trap Repair Kit (Spirax-Sarco SH1028).....	503.82	
23 21	16 00-0242		Horizontal Steel Expansion Tanks <small>(23 21 16)</small>		
			Note: ASME Code Stamp. 150 PSI with glass gauge and cocks.		
23 21	16 00-0243	EA	10 Gallon Horizontal Steel Expansion Tank.....	768.18	107.22
23 21	16 00-0244	EA	15 Gallon Horizontal Steel Expansion Tank.....	1,098.66	134.02
23 21	16 00-0245	EA	30 Gallon Horizontal Steel Expansion Tank.....	1,449.95	160.83
23 21	16 00-0246	EA	40 Gallon Horizontal Steel Expansion Tank.....	1,667.33	187.63
23 21	16 00-0247	EA	60 Gallon Horizontal Steel Expansion Tank.....	1,935.65	190.00
23 21	16 00-0248		Horizontal Diaphragm Type (Bladder) Steel Expansion Tanks <small>(23 21 16)</small>		
			Note: ASME. Precharged with working pressure 125 psi. Armstrong AX Series.		
23 21	16 00-0249	EA	7.8 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	1,577.41	80.41
23 21	16 00-0250	EA	10.9 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	1,645.37	93.81
23 21	16 00-0251	EA	21.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	2,459.17	107.22
23 21	16 00-0252	EA	33.6 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	2,558.62	120.62
23 21	16 00-0253	EA	44.4 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	3,474.12	134.02
23 21	16 00-0254	EA	55.7 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	3,663.16	147.42
23 21	16 00-0255	EA	68.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	4,358.30	160.83
23 21	16 00-0256	EA	77.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	4,663.57	174.23
23 21	16 00-0257	EA	90.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	5,140.78	187.63
23 21	16 00-0258	EA	110.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	5,281.56	214.44
23 21	16 00-0259	EA	132.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	6,630.67	241.24
23 21	16 00-0260	EA	158.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	7,604.45	268.05
23 21	16 00-0261	EA	211.0 Gallon Horizontal Diaphragm Type (Bladder) Steel Expansion Tank.....	8,825.56	321.66
23 21	16 00-0262		Vertical Diaphragm Type (Bladder) Steel Expansion Tanks (Armstrong AX)		
			<small>(23 21 16)</small>		
			Note: ASME. Precharged with working pressure 125 psi		
23 21	16 00-0263	EA	8.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,800.19	80.41
23 21	16 00-0264	EA	11.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	1,856.04	93.81
23 21	16 00-0265	EA	22.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,662.58	107.22
23 21	16 00-0266	EA	34.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	2,841.93	120.62
23 21	16 00-0267	EA	44.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,616.98	134.02
23 21	16 00-0268	EA	56.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	3,803.60	147.42
23 21	16 00-0269	EA	67.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	4,641.62	160.83
23 21	16 00-0270	EA	77.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,017.11	174.23
23 21	16 00-0271	EA	91.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,550.02	187.63
23 21	16 00-0272	EA	111.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	5,683.53	214.44
23 21	16 00-0273	EA	132.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	6,996.32	241.24
23 21	16 00-0274	EA	158.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	8,120.23	268.05
23 21	16 00-0275	EA	211.0 Gallon Vertical Diaphragm Type (Bladder) Steel Expansion Tank.....	9,351.02	321.66
23 21	16 00-0276		Diaphragm Type (Residential Style) Steel Expansion Tanks <small>(23 21 16)</small>		
23 21	16 00-0277	EA	2.1 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-5-M1).....	100.03	9.87
23 21	16 00-0278	EA	4.5 Gallon Diaphragm Type (Residential Style) Steel Expansion Tank (Watts DET-12-M1).....	144.29	9.87
23 21	16 00-0279		Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tanks <small>(23 21 16)</small>		
23 21	16 00-0280	EA	15 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,142.64	321.77
23 21	16 00-0281	EA	20 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,193.41	321.77
23 21	16 00-0282	EA	30 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,244.18	321.77
23 21	16 00-0283	EA	40 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,376.16	321.77
23 21	16 00-0284	EA	47 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,635.89	428.76
23 21	16 00-0285	EA	60 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	1,939.77	428.98
23 21	16 00-0286	EA	80 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	2,000.08	428.98
23 21	16 00-0287	EA	87 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	2,060.38	428.98
23 21	16 00-0288	EA	120 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	2,623.56	536.09
23 21	16 00-0289	EA	187 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	7,736.32	536.09
23 21	16 00-0290	EA	264 Gallon Vertical Diaphragm Type (Bladder) Fiberglass Reinforced Polyester (FRP) Expansion Tank.....	9,847.08	643.09
23 21	16 00-0291		ASME Construction Compression Tanks <small>(23 21 16)</small>		
			Note: With gauge glass taps, 125 PSI, 240 degree F tanks below are sized by capacity and diameter and height.		
23 21	16 00-0292	EA	15 Gallon, 13" x 34-1/2" ASME Construction Compression Tank.....	1,152.96	188.71
			<i>For Galvanized Steel Tanks, Add</i>	433.52	
23 21	16 00-0293	EA	24 Gallon, 13" x 51" ASME Construction Compression Tank.....	1,174.66	194.07
			<i>For Galvanized Steel Tanks, Add</i>	439.91	
23 21	16 00-0294	EA	30 Gallon, 13" x 61-1/2" ASME Construction Compression Tank.....	1,286.32	200.50
			<i>For Galvanized Steel Tanks, Add</i>	490.91	
23 21	16 00-0295	EA	40 Gallon, 16-1/4" x 53" ASME Construction Compression Tank.....	1,412.84	208.01
			<i>For Galvanized Steel Tanks, Add</i>	548.28	
23 21	16 00-0296	EA	60 Gallon, 16-1/4" x 76-1/2" ASME Construction Compression Tank.....	1,658.44	219.80
			<i>For Galvanized Steel Tanks, Add</i>	663.03	
23 21	16 00-0297	EA	80 Gallon, 20-1/4" x 68" ASME Construction Compression Tank.....	1,722.94	228.38
			<i>For Galvanized Steel Tanks, Add</i>	688.54	
23 21	16 00-0298	EA	100 Gallon, 20-1/4" x 82" ASME Construction Compression Tank.....	2,148.56	248.75
			<i>For Galvanized Steel Tanks, Add</i>	886.18	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0299 EA 120 Gallon, 24-1/4" x 71-1/2" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	2,342.68 969.04	266.98
23 21 16 00-0300 EA 144 Gallon, 24-1/4" x 83-1/2" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	2,928.76 1,236.26	301.29
23 21 16 00-0301 EA 180 Gallon, 30" x 60" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	3,736.17 1,606.58	345.24
23 21 16 00-0302 EA 202 Gallon, 30" x 72" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	4,489.21 1,954.83	382.77
23 21 16 00-0303 EA 230 Gallon, 30" x 84" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	4,910.13 2,139.72	416.00
23 21 16 00-0304 EA 280 Gallon, 30" x 96" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	6,233.47 2,770.87	456.75
23 21 16 00-0305 EA 306 Gallon, 30" x 108" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	6,423.67 2,842.12	487.85
23 21 16 00-0306 EA 340 Gallon, 36" x 84" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	8,324.21 3,765.00	524.30
23 21 16 00-0307 EA 550 Gallon, 36" x 96" ASME Construction Compression Tank..... <i>For Galvanized Steel Tanks, Add</i>	13,978.47 6,523.07	615.43
23 21 16 00-0308 Compression Tank Air Fittings <small>(23 21 16)</small>		
23 21 16 00-0309 EA 9" To 24" Diameter Compression Tank Air Fittings.....	430.47	30.02
23 21 16 00-0310 EA >100 Gallon Compression Tank Air Fittings	1,513.38	35.39
23 21 16 00-0311 Vortex Air Separators With Strainer <small>(23 21 16)</small>		
<small>Note: Separators are priced by capacity in gallons per minute and by boiler connection sizes and types.</small>		
23 21 16 00-0312 EA 2" Threaded, 56 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2N)	1,770.86	228.38
<i>For 300 PSIG, Add</i>	213.75	
23 21 16 00-0313 EA 2-1/2" Threaded, 90 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-2-1/2N).....	2,201.54	261.62
<i>For 300 PSIG, Add</i>	270.66	
23 21 16 00-0314 EA 3" Threaded, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3N)	3,434.21	307.72
<i>For 300 PSIG, Add</i>	445.21	
23 21 16 00-0315 EA 3" Flanged, 190 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-3F)	3,672.61	325.90
<i>For 300 PSIG, Add</i>	476.82	
23 21 16 00-0316 EA 4" Flanged, 300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-4F)	4,730.99	434.53
<i>For 300 PSIG, Add</i>	610.89	
23 21 16 00-0317 EA 5" Flanged, 500 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-5F).....	5,984.85	516.81
<i>For 300 PSIG, Add</i>	780.37	
23 21 16 00-0318 EA 6" Flanged, 700 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-6F)	7,117.86	585.20
<i>For 300 PSIG, Add</i>	934.68	
23 21 16 00-0319 EA 8" Flanged, 1,300 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-8F).....	10,322.26	702.06
<i>For 300 PSIG, Add</i>	1,388.74	
23 21 16 00-0320 EA 10" Flanged, 2,000 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-10F)	16,066.15	798.01
<i>For 300 PSIG, Add</i>	2,228.56	
23 21 16 00-0321 EA 12" Flanged, 2,750 GPM, 125 PSI, With Strainer, Vortex Air Separator (Rolairtrol R-12F)	21,699.11	1,032.66
<i>For 300 PSIG, Add</i>	3,020.16	
23 21 16 00-0322 EA 14" Flanged, 3400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-14F).....	45,766.80	1,254.01
<i>For 300 PSIG, Add</i>	6,580.02	
23 21 16 00-0323 EA 16" Flanged, 4400 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F).....	56,528.01	1,504.82
<i>For 300 PSIG, Add</i>	8,137.20	
23 21 16 00-0324 EA 18" Flanged, 5200 GPM With Strainer, Vortex Air Separator (Rolairtrol R-16F).....	73,885.02	1,755.62
<i>For 300 PSIG, Add</i>	10,683.75	
23 21 16 00-0325 EA 20" Flanged, 6300 GPM With Strainer, Vortex Air Separator (Rolairtrol R-20F).....	86,478.19	2,006.43
<i>For 300 PSIG, Add</i>	12,515.72	
23 21 16 00-0326 Vortex Air Separators <small>(23 21 16)</small>		
<small>Note: Without system strainer.</small>		
23 21 16 00-0327 EA 2" Threaded, 56 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2N).....	1,492.61	228.38
<i>For 300 PSIG, Add</i>	172.01	
23 21 16 00-0328 EA 2-1/2" Threaded, 90 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-2-1/2N).....	1,897.99	261.62
<i>For 300 PSIG, Add</i>	225.13	
23 21 16 00-0329 EA 3" Threaded, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3N).....	3,358.32	307.72
<i>For 300 PSIG, Add</i>	433.82	
23 21 16 00-0330 EA 3" Flanged, 190 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-3F).....	3,006.49	325.90
<i>For 300 PSIG, Add</i>	376.91	
23 21 16 00-0331 EA 4" Flanged, 300 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-4F).....	4,031.14	434.53
<i>For 300 PSIG, Add</i>	505.92	
23 21 16 00-0332 EA 5" Flanged, 530 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-5F).....	5,251.28	516.81
<i>For 300 PSIG, Add</i>	670.34	
23 21 16 00-0333 EA 6" Flanged, 850 GPM, 125 PSI, Vortex Air Separator (Rolairtrol RL-6F).....	6,122.89	585.20
<i>For 300 PSIG, Add</i>	785.43	
23 21 16 00-0334 EA 8" Flanged, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8F)	8,197.41	702.06
<i>For 300 PSIG, Add</i>	1,070.01	
23 21 16 00-0335 EA 10" Flanged, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10F)	11,521.35	798.01
<i>For 300 PSIG, Add</i>	1,546.84	
23 21 16 00-0336 EA 12" Flanged, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12F)	17,880.50	1,032.66
<i>For 300 PSIG, Add</i>	2,447.37	
23 21 16 00-0337 EA 14" Flanged, 6,100 GPM Vortex Air Separator (Rolairtrol RL-14F)	30,760.56	1,254.01
<i>For 300 PSIG, Add</i>	4,329.08	
23 21 16 00-0338 EA 16" Flanged, 8,000 GPM Vortex Air Separator (Rolairtrol RL-16F)	39,023.62	1,504.82
<i>For 300 PSIG, Add</i>	5,511.54	
23 21 16 00-0339 EA 18" Flanged, 9,700 GPM Vortex Air Separator (Rolairtrol RL-16F)	52,338.49	1,755.62
<i>For 300 PSIG, Add</i>	7,451.77	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0340 EA 20" Flanged, 12,000 GPM Vortex Air Separator (Rolairtrol RL-20F)..... <i>For 300 PSIG, Add</i>	71,825.85 10,317.87	2,006.43
23 21 16 00-0341 EA 22" Flanged, 15,000 GPM Vortex Air Separator (Rolairtrol RL-22F)..... <i>For 300 PSIG, Add</i>	88,084.71 12,699.70	2,257.23
23 21 16 00-0342 EA 24" Flanged, 17,000 GPM Vortex Air Separator (Rolairtrol RL-24F)..... <i>For 300 PSIG, Add</i>	104,343.57 15,081.53	2,508.02
23 21 16 00-0343 Grooved, With Strainer, Vortex Air Separators (23 21 16)		
23 21 16 00-0344 EA 3" Grooved, 190 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-3G).....	3,236.59	260.71
23 21 16 00-0345 EA 4" Grooved, 300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-4G).....	4,598.99	347.40
23 21 16 00-0346 EA 5" Grooved, 500 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-5G).....	5,828.36	413.06
23 21 16 00-0347 EA 6" Grooved, 700 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-6G).....	6,940.46	468.17
23 21 16 00-0348 EA 8" Grooved, 1,300 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-8G).....	10,092.59	561.80
23 21 16 00-0349 EA 10" Grooved, 2,000 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-10G).....	16,481.99	638.41
23 21 16 00-0350 EA 12" Grooved, 2,750 GPM, With Strainer, Vortex Air Separator (Rolairtrol R-12G).....	25,185.46	826.22
23 21 16 00-0351 Grooved Vortex Air Separators (23 21 16)		
Note: Without system strainer.		
23 21 16 00-0352 EA 3" Grooved, 190 GPM Vortex Air Separator (Rolairtrol RL-3G).....	2,545.17	260.71
23 21 16 00-0353 EA 4" Grooved, 300 GPM Vortex Air Separator (Rolairtrol RL-4G).....	3,899.14	347.40
23 21 16 00-0354 EA 5" Grooved, 530 GPM Vortex Air Separator (Rolairtrol RL-5G).....	5,094.79	413.06
23 21 16 00-0355 EA 6" Grooved, 850 GPM Vortex Air Separator (Rolairtrol RL-6G).....	5,945.49	468.17
23 21 16 00-0356 EA 8" Grooved, 1,900 GPM Vortex Air Separator (Rolairtrol RL-8G).....	7,984.61	561.80
23 21 16 00-0357 EA 10" Grooved, 3,600 GPM Vortex Air Separator (Rolairtrol RL-10G).....	11,869.73	638.41
23 21 16 00-0358 EA 12" Grooved, 4,800 GPM Vortex Air Separator (Rolairtrol RL-12G).....	19,866.48	826.22
23 21 16 00-0359 Removable Head, Air Eliminator And Dirt Separator (23 21 16)		
Note: Spirovent VDN.		
23 21 16 00-0360 EA 2", 45 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	3,592.86	228.38
23 21 16 00-0361 EA 2-1/2", 70 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	3,890.36	261.62
23 21 16 00-0362 EA 3", 95 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	5,194.63	307.72
23 21 16 00-0363 EA 4", 170 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	5,937.07	471.76
23 21 16 00-0364 EA 5", 260 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	8,673.41	583.26
23 21 16 00-0365 EA 6", 375 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	11,162.52	660.47
23 21 16 00-0366 EA 8", 625 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	17,431.88	149.04
23 21 16 00-0367 EA 10", 950 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	25,739.17	900.64
23 21 16 00-0368 EA 12", 1,400 GPM, Removable Head, Air Eliminator And Dirt Separator (Spirotherm VDN).....	33,267.72	1,165.47
23 21 16 00-0369 Swivel Joints (23 21 16)		
23 21 16 00-0370 Carbon Steel, Straight Through Swivel Joint (Dixon Style 20) (23 21 16 00-0369)		
Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0371 EA 1" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	354.93	28.20
23 21 16 00-0372 EA 1-1/2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	509.87	41.28
23 21 16 00-0373 EA 2" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	716.51	48.25
23 21 16 00-0374 EA 3" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,066.88	82.56
23 21 16 00-0375 EA 4" Threaded, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)..... <i>For Stainless Steel, Add</i>	1,354.66 1,750.55	93.81
23 21 16 00-0376 EA 2" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20)..... <i>For Stainless Steel, Add</i>	994.31 1,223.42	142.92
23 21 16 00-0377 EA 3" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,344.90	114.02
23 21 16 00-0378 EA 4" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	1,703.75	305.57
23 21 16 00-0379 EA 6" Flanged, Carbon Steel, Straight Through Swivel Joint (Dixon Style 20).....	3,183.23	385.99
23 21 16 00-0380 Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30) (23 21 16 00-0369)		
Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		
23 21 16 00-0381 EA 1" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	453.11 595.02	28.20
23 21 16 00-0382 EA 1-1/2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	556.24 710.64	41.28
23 21 16 00-0383 EA 2" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	750.91 980.16	48.25
23 21 16 00-0384 EA 3" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	1,206.00 1,561.58	82.56
23 21 16 00-0385 EA 4" Threaded, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	1,581.88 2,091.38	93.81
23 21 16 00-0386 EA 2" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	1,025.75 1,270.58	142.92
23 21 16 00-0387 EA 3" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	1,524.99 1,945.31	114.02
23 21 16 00-0388 EA 4" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	1,911.65 2,293.08	305.57
23 21 16 00-0389 EA 6" Flanged, Carbon Steel, Single Swivel/Single Elbow Swivel Joint (Dixon Style 30)..... <i>For Stainless Steel, Add</i>	3,326.80 4,263.89	385.99
23 21 16 00-0390 Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40) (23 21 16 00-0369)		
Note: Includes BUNA-N Seat. For oil, gasoline, water, air, gas, and chemicals.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 16 00-0391 EA 1" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	534.13	28.20
<i>For Stainless Steel, Add</i>	716.55	
23 21 16 00-0392 EA 1-1/2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	618.07	41.28
<i>For Stainless Steel, Add</i>	803.39	
23 21 16 00-0393 EA 2" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	906.32	48.25
<i>For Stainless Steel, Add</i>	1,213.28	
23 21 16 00-0394 EA 3" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,393.03	82.56
<i>For Stainless Steel, Add</i>	1,842.12	
23 21 16 00-0395 EA 4" Threaded, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,643.71	93.81
<i>For Stainless Steel, Add</i>	2,184.12	
23 21 16 00-0396 EA 2" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,180.33	142.92
<i>For Stainless Steel, Add</i>	1,502.45	
23 21 16 00-0397 EA 3" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	1,716.65	114.02
<i>For Stainless Steel, Add</i>	2,232.80	
23 21 16 00-0398 EA 4" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	2,109.50	305.57
<i>For Stainless Steel, Add</i>	2,589.86	
23 21 16 00-0399 EA 6" Flanged, Carbon Steel, Single Swivel/Double Elbow Swivel Joint (Dixon Style 40).....	3,751.87	385.99
<i>For Stainless Steel, Add</i>	4,901.49	
23 21 16 00-0400 Basket Strainers (23 21 16)		
23 21 16 00-0401 Bronze Body Basket Strainers (23 21 16 00-0400)		
23 21 16 00-0402 Screwed Ends, Bronze Body Basket Strainers (23 21 16 00-0401)		
23 21 16 00-0403 EA 1/2" Screwed Ends, Bronze Body Basket Strainer	308.65	21.45
<i>For Work In Restricted Working Space, Add</i>	12.76	
23 21 16 00-0404 EA 3/4" Screwed Ends, Bronze Body Basket Strainer	364.80	25.20
<i>For Work In Restricted Working Space, Add</i>	15.00	
23 21 16 00-0405 EA 1" Screwed Ends, Bronze Body Basket Strainer	423.08	30.02
<i>For Work In Restricted Working Space, Add</i>	17.87	
23 21 16 00-0406 EA 1-1/4" Screwed Ends, Bronze Body Basket Strainer	527.32	33.24
<i>For Work In Restricted Working Space, Add</i>	19.92	
23 21 16 00-0407 EA 1-1/2" Screwed Ends, Bronze Body Basket Strainer	622.85	37.52
<i>For Work In Restricted Working Space, Add</i>	22.49	
23 21 16 00-0408 EA 2" Screwed Ends, Bronze Body Basket Strainer	929.41	42.89
<i>For Work In Restricted Working Space, Add</i>	25.76	
23 21 16 00-0409 EA 2-1/2" Screwed Ends, Bronze Body Basket Strainer	1,315.11	57.36
<i>For Work In Restricted Working Space, Add</i>	34.50	
23 21 16 00-0410 EA 3" Screwed Ends, Bronze Body Basket Strainer	1,852.55	61.12
<i>For Work In Restricted Working Space, Add</i>	36.59	
23 21 16 00-0411 Flanged, Bronze Body Basket Strainers (23 21 16 00-0401)		
23 21 16 00-0412 EA 2" Flanged, Bronze Body Basket Strainer.....	1,457.06	142.92
<i>For Work In Restricted Working Space, Add</i>	53.61	
23 21 16 00-0413 EA 2-1/2" Flanged, Bronze Body Basket Strainer	2,195.10	155.47
<i>For Work In Restricted Working Space, Add</i>	58.48	
23 21 16 00-0414 EA 3" Flanged, Bronze Body Basket Strainer.....	2,489.17	182.28
<i>For Work In Restricted Working Space, Add</i>	68.44	
23 21 16 00-0415 EA 4" Flanged, Bronze Body Basket Strainer.....	4,209.32	305.57
<i>For Work In Restricted Working Space, Add</i>	114.88	
23 21 16 00-0416 EA 6" Flanged, Bronze Body Basket Strainer.....	7,994.85	342.01
<i>For Work In Restricted Working Space, Add</i>	128.71	
23 21 16 00-0417 EA 8" Flanged, Bronze Body Basket Strainer.....	14,587.47	437.01
<i>For Work In Restricted Working Space, Add</i>	162.86	
23 21 16 00-0418 Iron Body Basket Strainers (23 21 16 00-0400)		
23 21 16 00-0419 Screwed Ends, Iron Body Basket Strainers (23 21 16 00-0418)		
23 21 16 00-0420 EA 1/2" Screwed Ends, Iron Body Basket Strainer.....	367.81	21.45
<i>For Work In Restricted Working Space, Add</i>	12.76	
23 21 16 00-0421 EA 3/4" Screwed Ends, Iron Body Basket Strainer.....	414.05	25.20
<i>For Work In Restricted Working Space, Add</i>	15.00	
23 21 16 00-0422 EA 1" Screwed Ends, Iron Body Basket Strainer.....	489.28	30.02
<i>For Work In Restricted Working Space, Add</i>	17.87	
23 21 16 00-0423 EA 1-1/4" Screwed Ends, Iron Body Basket Strainer	642.34	33.24
<i>For Work In Restricted Working Space, Add</i>	19.92	
23 21 16 00-0424 EA 1-1/2" Screwed Ends, Iron Body Basket Strainer	704.62	37.52
<i>For Work In Restricted Working Space, Add</i>	22.49	
23 21 16 00-0425 EA 2" Screwed Ends, Iron Body Basket Strainer.....	837.85	42.89
<i>For Work In Restricted Working Space, Add</i>	25.76	
23 21 16 00-0426 EA 2-1/2" Screwed Ends, Iron Body Basket Strainer	1,189.28	57.36
<i>For Work In Restricted Working Space, Add</i>	34.50	
23 21 16 00-0427 EA 3" Screwed Ends, Iron Body Basket Strainer.....	1,345.46	61.12
<i>For Work In Restricted Working Space, Add</i>	36.59	
23 21 16 00-0428 Flanged, Iron Body Basket Strainers (23 21 16 00-0418)		
23 21 16 00-0429 EA 2" Flanged, Iron Body Basket Strainer.....	958.77	142.92
<i>For Work In Restricted Working Space, Add</i>	53.61	
23 21 16 00-0430 EA 2-1/2" Flanged, Iron Body Basket Strainer.....	1,246.34	155.47
<i>For Work In Restricted Working Space, Add</i>	58.48	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	16 00-0431	EA	3" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,347.36 68.44	182.28
23 21	16 00-0432	EA	4" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,067.44 114.88	305.57
23 21	16 00-0433	EA	6" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	3,707.60 128.71	342.01
23 21	16 00-0434	EA	8" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	6,591.26 162.86	437.01
23 21	16 00-0435	EA	10" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	9,765.87 199.50	532.01
23 21	16 00-0436	EA	12" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	12,137.96 402.38	670.71
23 21	16 00-0437	EA	14" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	14,573.05 285.00	760.01
23 21	16 00-0438	EA	16" Flanged, Iron Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	15,289.85 313.50	836.01
23 21	16 00-0439		Cast Steel Body Basket Strainers (23 21 16 00-0400)		
23 21	16 00-0440		Screwed Ends, Cast Steel Body Basket Strainers (23 21 16 00-0439)		
23 21	16 00-0441	EA	1" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,844.81 17.87	30.02
23 21	16 00-0442	EA	1-1/4" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,449.25 19.92	33.24
23 21	16 00-0443	EA	1-1/2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,760.38 22.49	37.52
23 21	16 00-0444	EA	2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	3,905.97 25.76	42.89
23 21	16 00-0445	EA	2-1/2" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	5,485.84 34.50	57.36
23 21	16 00-0446	EA	3" Screwed Ends, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	7,157.05 36.60	61.12
23 21	16 00-0447		Flanged, Cast Steel Body Basket Strainers (23 21 16 00-0439)		
23 21	16 00-0448	EA	2" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	5,738.66 53.61	142.92
23 21	16 00-0449	EA	2-1/2" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	8,326.86 58.48	155.47
23 21	16 00-0450	EA	3" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	9,116.50 68.44	182.28
23 21	16 00-0451	EA	4" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	12,864.48 114.88	305.57
23 21	16 00-0452	EA	6" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	22,933.64 128.71	342.01
23 21	16 00-0453	EA	8" Flanged, Cast Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	37,420.16 162.86	437.01
23 21	16 00-0454		Stainless Steel Body Basket Strainers (23 21 16 00-0400)		
23 21	16 00-0455		Screwed Ends, Stainless Steel Body Basket Strainers (23 21 16 00-0454)		
23 21	16 00-0456	EA	1" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	550.90 17.87	30.02
23 21	16 00-0457	EA	1-1/4" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	793.68 19.92	33.24
23 21	16 00-0458	EA	1-1/2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	819.25 22.49	37.52
23 21	16 00-0459	EA	2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,212.03 25.76	42.89
23 21	16 00-0460	EA	2-1/2" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,713.03 34.50	57.36
23 21	16 00-0461	EA	3" Screwed Ends, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,420.55 36.60	61.12
23 21	16 00-0462		Flanged, Stainless Steel Body Basket Strainers (23 21 16 00-0454)		
23 21	16 00-0463	EA	2" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	1,854.57 53.61	142.92
23 21	16 00-0464	EA	2-1/2" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	2,804.82 58.48	155.47
23 21	16 00-0465	EA	3" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	3,176.10 68.44	182.28
23 21	16 00-0466	EA	4" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	5,369.20 114.88	305.57
23 21	16 00-0467	EA	6" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	8,212.47 128.71	342.01
23 21	16 00-0468	EA	8" Flanged, Stainless Steel Body Basket Strainer..... <i>For Work In Restricted Working Space, Add</i>	14,261.17 162.86	437.01
23 21	16 00-0469		Air Vents (23 21 16)		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	16 00	0470		Screwed Ends, Cast Iron, Automatic Air Vents <small>(23 21 16 00-0469)</small> Note: With guided free floating lever.		
	23 21	16 00	EA	1/2" NPT, Cast Iron, Automatic Air Vent	375.72	31.09
	23 21	16 00	EA	3/4" NPT, Cast Iron, Automatic Air Vent	458.14	41.28
	23 21	16 00	EA	1" NPT, Cast Iron, Automatic Air Vent	1,080.12	42.89
	23 21	16 00	EA	1-1/4" NPT, Cast Iron, Automatic Air Vent	1,599.85	66.26
	23 21	16 00	EA	1-1/2" NPT, Cast Iron, Automatic Air Vent	2,694.84	71.30
	23 21	16 00	EA	2" NPT, Cast Iron, Automatic Air Vent	3,085.84	94.03
23 21	16 00	0477		Forged Steel, Stainless Steel Internals, Automatic Air Vents <small>(23 21 16 00-0469)</small> Note: With guided free floating lever.		
	23 21	16 00	EA	1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	2,467.75	35.92
	23 21	16 00	EA	3/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,095.26	41.28
	23 21	16 00	EA	1" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	3,697.61	42.89
	23 21	16 00	EA	1-1/4" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	6,069.77	66.48
	23 21	16 00	EA	1-1/2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	7,013.83	71.30
	23 21	16 00	EA	2" NPT, Forged Steel, Stainless Steel Internals, Automatic Air Vent	10,318.66	93.81
23 21	16 00	0484		Automatic Air Vent <small>(23 21 16 00-0469)</small>		
	23 21	16 00	EA	3/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	237.36	41.28
	23 21	16 00	EA	1" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	260.30	42.89
	23 21	16 00	EA	1-1/4" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	367.62	66.26
	23 21	16 00	EA	1-1/2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	456.37	71.30
	23 21	16 00	EA	2" NPT, Brass, Automatic Air Eliminator (Spirotherm VJR)	585.15	76.83
23 21	16 00	0490		Manual Air Vent <small>(23 21 16 00-0469)</small>		
	23 21	16 00	EA	Manual Air Vent	74.27	38.70
23 21	16 00	0492		Air Release Valves <small>(23 21 16 00-0469)</small>		
23 21	16 00	0493		Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50) <small>(23 21 16 00-0492)</small> Note: Up to 175 psi. Stainless steel float.		
	23 21	16 00	EA	1/2" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	195.16	16.09
	23 21	16 00	EA	3/4" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	199.46	18.22
	23 21	16 00	EA	1" NPT, Simple Lever, Cast Iron, Clean Water Air Release Valves (Apco 50)	208.03	22.52
23 21	16 00	0497		Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200) <small>(23 21 16 00-0492)</small> Note: Up to 175 psi. Stainless steel float.		
	23 21	16 00	EA	1" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200A)	806.73	22.52
	23 21	16 00	EA	2" NPT, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	965.71	39.14
	23 21	16 00	EA	3" Flanged, Cast Iron, Compound Lever, Clean Water Air Release Valves (Apco 200)	1,265.41	91.25
23 21	16 00	0501		Cast Iron, Air/Vacuum Valves <small>(23 21 16 00-0492)</small> Note: Up to 150 psi. Stainless steel float.		
	23 21	16 00	EA	1/2" NPT, Cast Iron, Air/Vacuum Valve (Apco 141)	389.21	16.09
	23 21	16 00	EA	1" NPT, Cast Iron, Air/Vacuum Valve (Apco 142)	479.70	22.52
	23 21	16 00	EA	2" NPT, Cast Iron, Air/Vacuum Valve (Apco 144)	828.59	39.14
	23 21	16 00	EA	3" Flanged, Cast Iron, Air/Vacuum Valve (Apco 146)	1,203.31	91.25
	23 21	16 00	EA	4" Flanged, Cast Iron, Air/Vacuum Valve (Apco 152)	1,880.97	153.17
	23 21	16 00	EA	6" Flanged, Cast Iron, Air/Vacuum Valve (Apco 153)	2,868.21	193.69
23 21	16 00	0508		Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice <small>(23 21 16 00-0492)</small> Note: Up to 150 psi. Stainless Steel float.		
	23 21	16 00	EA	1" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 143C)	697.03	22.52
	23 21	16 00	EA	2" NPT, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 145C)	1,069.21	39.14
	23 21	16 00	EA	3" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 147C)	1,966.57	91.25
	23 21	16 00	EA	4" Flanged, Ductile Iron, Combination Air Release And Vacuum Valves, Single Body Double Orifice (Apco 149C)	2,545.90	153.17
23 21	23			Hydronic Pumps <small>(23 21)</small>		
23 21	23 13			In-Line Centrifugal Hydronic Pumps <small>(23 21 23)</small>		
23 21	23 13	0001		Cast Iron Single Stage In-Line Centrifugal Pump <small>(23 21 23 13)</small> Note: For general service, 125 LB flanged, 3550 RPM TEFC motor. Includes packed stuffing boxes and ductile iron case.		
	23 21	23 13	EA	3 HP, 50 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	6,111.73	286.39
				<i>For Cast Steel Case, Add</i>	945.54	
				<i>For Mechanical Seal, Add</i>	420.24	
	23 21	23 13	EA	5 HP, 75 GPM At 100' Head, Single Stage Cast Iron In-Line Circulating Pump	6,670.86	346.63
				<i>For Cast Steel Case, Add</i>	1,013.64	
				<i>For Mechanical Seal, Add</i>	450.51	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 20 HVAC Piping and Pumps

23 21 Hydronic Piping and Pumps



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21	23	13-0004	EA 7-1/2 HP, 100 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	7,709.74 1,165.55 518.02	411.81
23 21	23	13-0005	EA 10 HP, 125 GPM At 150' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	8,628.33 1,256.83 558.59	549.08
23 21	23	13-0006	EA 15 HP, 150 GPM At 200' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	9,893.92 1,457.70 647.87	598.46
23 21	23	13-0007	EA 30 HP, 200 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	14,809.29 2,310.15 1,026.73	658.70
23 21	23	13-0008	EA 40 HP, 250 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	17,398.24 2,687.28 1,194.35	822.64
23 21	23	13-0009	EA 50 HP, 300 GPM At 300' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	24,219.37 3,851.60 1,711.82	940.15
23 21	23	13-0010	EA 75 HP, 400 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	30,821.77 5,015.91 2,229.29	985.16
23 21	23	13-0011	EA 100 HP, 600 GPM At 400' Head, Single Stage Cast Iron In-Line Circulating Pump <i>For Cast Steel Case, Add</i> <i>For Mechanical Seal, Add</i>	33,639.48 5,371.10 2,387.16	1,266.37

23 21 23 13-0012 Cast Iron, Single Stage, Vertical In-Line, Close Coupled, Pump (23 21 23 13)

Note: For general service, 125 LB flanged, 1,800 RPM TEFC motor.

23 21	23	13-0013	EA 1/2 HP, 1-1/2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	2,008.14	164.43
23 21	23	13-0014	EA 3/4 HP, 2" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	3,544.94	187.94
23 21	23	13-0015	EA 1 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	3,853.06	210.45
23 21	23	13-0016	EA 1-1/2 HP, 3" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	4,052.30	228.81
23 21	23	13-0017	EA 2 HP, 4" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	5,295.51	250.55
23 21	23	13-0018	EA 3 HP, 5" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	5,446.82	276.91
23 21	23	13-0019	EA 5 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	6,227.74	328.85
23 21	23	13-0020	EA 7-1/2 HP, 6" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	7,248.90	404.80
23 21	23	13-0021	EA 10 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	9,321.20	438.47
23 21	23	13-0022	EA 15 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	10,889.05	464.25
23 21	23	13-0023	EA 20 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	13,980.84	493.29
23 21	23	13-0024	EA 25 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	14,751.34	509.78
23 21	23	13-0025	EA 30 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	15,521.85	526.17
23 21	23	13-0026	EA 40 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	18,423.08	563.80
23 21	23	13-0027	EA 50 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	19,938.62	652.22
23 21	23	13-0028	EA 60 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	22,059.02	942.05
23 21	23	13-0029	EA 75 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	26,137.88	1,884.10
23 21	23	13-0030	EA 100 HP, 8" Suction And Discharge, Single Stage Cast Iron Vertical In-Line Pump	30,057.86	2,260.92

23 21 23 16 Base-Mounted, Centrifugal Hydronic Pumps (23 21 23)

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 21 23 16-0001 Single Stage, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (23 21 23 16)

Note: 1800 RPM, welded steel baseplate, internally flushed mechanical seal, bronze wear ring, galvanized drip pan, and 3 phase 230/460V premium efficiency motor. Bell & Gossett 1510 Series.

23 21	23	16-0002	EA 5 HP, 50 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/4 BC, BF, 184T)	7,172.50	313.06
23 21	23	16-0003	EA 7.5 HP, 100 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 1-1/2 BC, BF, 213T)	8,066.24	313.45
23 21	23	16-0004	EA 10 HP, 225 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 215T)	10,655.39	411.81
23 21	23	16-0005	EA 15 HP, 250 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 2 E, BF, 254T)	11,624.77	506.62
23 21	23	16-0006	EA 15 HP, 300 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 G, BF, 254T)	13,068.40	506.62
23 21	23	16-0007	EA 20 HP, 350 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 3 E, BF, 256T)	12,659.73	549.08
23 21	23	16-0008	EA 20 HP, 500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 256T)	13,480.50	549.08
23 21	23	16-0009	EA 25 HP, 600 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 4 E, BF, 284T)	14,734.51	575.75
23 21	23	16-0010	EA 30 HP, 750 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 286T)	16,335.72	731.79
23 21	23	16-0011	EA 40 HP, 1,050 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 5 E, BF, 324T)	17,242.65	822.64
23 21	23	16-0012	EA 60 HP, 1,500 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 6 E, BF, 364T)	25,807.25	1,980.64
23 21	23	16-0013	EA 75 HP, 2,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 365T)	37,844.31	2,376.35
23 21	23	16-0014	EA 100 HP, 3,000 GPM At 100' Head Single Stage Cast Iron Centrifugal Pump (B&G 1510, 8 G, BF, 404TS)	42,680.07	2,970.44

23 21 23 16-0015 Single Stage, Vertical Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump (23 21 23 16)

Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.

23 21	23	16-0016	EA 1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	5,585.63 1,292.67	230.10
23 21	23	16-0017	EA 2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	7,105.66 1,683.83	246.89
23 21	23	16-0018	EA 3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	8,905.05 2,116.53	263.68
23 21	23	16-0019	EA 5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	10,390.34 2,456.50	313.06
23 21	23	16-0020	EA 7-1/2 HP, 150 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	10,920.01 2,581.87	313.45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0021 EA 10 HP, 200 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	11,420.67 2,670.00	411.81
23 21 23 16-0022 EA 10 HP, 225 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	11,674.49 2,733.46	411.81
23 21 23 16-0023 EA 10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	12,236.72 2,874.01	411.81
23 21 23 16-0024 EA 15 HP, 300 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	14,208.39 3,324.20	506.62
23 21 23 16-0025 EA 17-1/2 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	14,430.10 3,370.44	506.22
23 21 23 16-0026 EA 20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	15,210.11 3,555.64	549.08
23 21 23 16-0027 EA 25 HP, 600 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	16,689.32 3,905.71	575.75
23 21 23 16-0028 EA 30 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	18,454.10 4,284.34	731.79
23 21 23 16-0029 EA 40 HP, 1,050 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	20,933.69 4,863.09	822.64
23 21 23 16-0030 EA 60 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	32,752.36 7,233.31	1,980.64
23 21 23 16-0031 EA 75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	38,956.64 8,593.42	2,376.35
23 21 23 16-0032 EA 100 HP, 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Vertical Split Case <i>For 300 LB Flanges, Add</i>	47,520.53 10,447.96	2,970.44
23 21 23 16-0033 Single Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump <small>(23 21 23 16)</small>		
Note: 125 LB flanged, 1750 RPM drip-proof motor, common base plate 100' head. Standard seal and motor. For general service.		
23 21 23 16-0034 EA 1-1/2 HP, 40 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	5,367.58 1,238.16	230.10
23 21 23 16-0035 EA 2 HP, 50 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	5,511.87 1,266.86	246.89
23 21 23 16-0036 EA 3 HP, 90 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	5,656.30 1,295.57	263.68
23 21 23 16-0037 EA 5 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	6,141.33 1,413.91	269.60
23 21 23 16-0038 EA 7-1/2 HP, 100 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	9,997.17 2,358.21	313.06
23 21 23 16-0039 EA 10 HP, 250 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	12,106.60 2,866.54	411.81
23 21 23 16-0040 EA 15 HP, 350 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	13,615.33 3,218.67	444.40
23 21 23 16-0041 EA 20 HP, 500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	14,410.88 3,374.82	493.78
23 21 23 16-0042 EA 25 HP, 750 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	16,036.49 3,787.45	493.06
23 21 23 16-0043 EA 40 HP, 1,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	17,980.67 4,210.16	633.65
23 21 23 16-0044 EA 50 HP, 1,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	22,862.18 5,333.63	792.47
23 21 23 16-0045 EA 75 HP, 2,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	29,177.24 6,816.92	989.79
23 21 23 16-0046 EA 3,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case, 100 HP <i>For 300 LB Flanges, Add</i>	36,686.33 8,598.71	1,188.18
23 21 23 16-0047 EA 150 HP, 3,500 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	43,467.85 10,230.44	1,319.72
23 21 23 16-0048 EA 200 HP, 4,000 GPM Cast Iron Centrifugal Pump, Single Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	50,047.91 11,693.59	1,697.39
23 21 23 16-0049 Two Stage, Horizontal Split Case, Cast Iron, Horizontal End Suction, Base Mounted Centrifugal Pump <small>(23 21 23 16)</small>		
Note: 3500 RPM drip-proof motor, common base plate 500' head. Packed stuffing box and boiler feed water service.		
23 21 23 16-0050 EA 40 HP, 100 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	33,968.73 8,264.28	506.62
23 21 23 16-0051 EA 50 HP, 200 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	36,670.69 8,920.78	549.08
23 21 23 16-0052 EA 75 HP, 300 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	48,969.51 11,901.90	743.57
23 21 23 16-0053 EA 100 HP, 400 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	57,203.37 13,832.69	1,021.72
23 21 23 16-0054 EA 200 HP, 800 GPM Cast Iron Centrifugal Pump, Two Stage, Horizontal Split Case <i>For 300 LB Flanges, Add</i>	79,361.59 19,216.19	1,362.30
23 21 23 16-0055 Cast Iron Close Coupling Pumps <small>(23 21 23 16)</small>		
23 21 23 16-0056 Foot Mounted Cast Iron Close Coupled Pumps <small>(23 21 23 16-0055)</small>		
23 21 23 16-0057 EA 3 HP, 90 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 1-1/2 AC, BF, 182JM)	6,407.07	296.27
23 21 23 16-0058 EA 3 HP, 150 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 AB, BF, 182JM)	6,997.50	296.27

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 21 Hydronic Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 21 23 16-0059	EA		5 HP, 225 GPM At 50' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 2-1/2 BB, BF, 184JM).....	7,796.26	312.73
23 21 23 16-0060	EA		5 HP, 350 GPM At 25' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 184JM).....	8,318.56	312.73
23 21 23 16-0061	EA		7.5 HP, 350 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 4 AC, BF, 213JM).....	9,587.74	328.85
23 21 23 16-0062	EA		10 HP, 600 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 5 A, BF, 215JM).....	11,357.84	395.85
23 21 23 16-0063	EA		15 HP, 1,000 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 254JP).....	14,939.11	487.64
23 21 23 16-0064	EA		20 HP, 1,350 GPM At 30' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 256JP).....	15,987.30	527.79
23 21 23 16-0065	EA		25 HP, 1,550 GPM At 40' Head, Foot Mounted, Close Coupled Cast Iron Centrifugal Pump (B&G 1531, 6 BC, BF, 284JP).....	18,553.52	570.00
23 21 23 16-0066			Pumps, Polypropylene Body, Housing And Impeller, 115/230 Volt (23 21 23 16)		
23 21 23 16-0067	EA		1/3 HP, Centrifugal Pump, Polypropylene Body.....	1,590.65	153.00
23 21 23 16-0068	EA		1/2 HP, Centrifugal Pump, Polypropylene Body.....	1,697.42	162.22
23 21 23 16-0069	EA		3/4 HP, Centrifugal Pump, Polypropylene Body.....	1,988.24	172.73
23 21 23 23			Vertical-Turbine Hydronic Pumps (23 21 23)		
			See CSI section 26 29 23 00-0000 for variable frequency motor controllers.		
23 21 23 23-0001			Cast Iron, Bronze Fitted Vertical Turbine Wet Sump Pumps (23 21 23 23)		
			Note: For water supply, cooling towers and process liquids. Multi-stage 1750 RPM drip-proof motor. For 1' to 5' sump depth.		
23 21 23 23-0002	EA		2 HP, 50 GPM Cast Iron Turbine Pump, 3" Discharge 100' Head, 10 Stage.....	10,928.08	731.79
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	283.95	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	393.23	
			For Each Extra Column Assembly <60", Add.....	918.14	
23 21 23 23-0003	EA		3 HP, 100 GPM Cast Iron Turbine Pump, 4" Discharge 100' Head, 7 Stage.....	12,598.90	822.64
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	333.72	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	459.71	
			For Each Extra Column Assembly <60", Add.....	1,052.16	
23 21 23 23-0004	EA		15 HP, 250 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 5 Stage.....	15,193.28	792.47
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	398.97	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	550.90	
			For Each Extra Column Assembly <60", Add.....	1,272.29	
23 21 23 23-0005	EA		25 HP, 500 GPM Cast Iron Turbine Pump, 6" Discharge 150' Head, 3 Stage.....	17,909.51	914.47
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	478.53	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	657.62	
			For Each Extra Column Assembly <60", Add.....	1,491.52	
23 21 23 23-0006	EA		50 HP, 1,000 GPM Cast Iron Turbine Pump, 8" Discharge 150' Head, 2 Stage.....	22,053.21	989.79
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	597.94	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	818.48	
			For Each Extra Column Assembly <60", Add.....	1,827.91	
23 21 23 23-0007	EA		100 HP, 2,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 3 Stage.....	28,993.78	1,188.18
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	793.43	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	1,083.37	
			For Each Extra Column Assembly <60", Add.....	2,395.88	
23 21 23 23-0008	EA		150 HP, 3,000 GPM Cast Iron Turbine Pump, 10" Discharge 150' Head, 2 Stage.....	34,706.02	1,485.22
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	945.70	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	1,292.76	
			For Each Extra Column Assembly <60", Add.....	2,871.96	
23 21 23 23-0009	EA		200 HP, 4,000 GPM Cast Iron Turbine Pump, 12" Discharge 150' Head, 2 Stage.....	55,547.19	1,697.39
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	1,557.30	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	2,112.77	
			For Each Extra Column Assembly <60", Add.....	4,552.89	
23 21 23 23-0010	EA		250 HP, 6,000 GPM Cast Iron Turbine Pump, 14" Discharge 150' Head, 2 Stage.....	72,822.41	1,980.64
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	2,057.37	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	2,785.59	
			For Each Extra Column Assembly <60", Add.....	5,953.10	
23 21 23 23-0011	EA		300 HP, 10,000 GPM Cast Iron Turbine Pump, 18" Discharge 100' Head, 2 Stage.....	101,924.96	2,376.35
			For Basket Strainer, Galvanized Steel Pipe Sizes 10" And Larger, Add.....	2,904.98	
			For Basket Strainer, Galvanized. Steel Pipe Sizes 3" To 8", Add.....	3,924.23	
			For Each Extra Column Assembly <60", Add.....	8,306.76	
23 21 29			Automatic Condensate Pump Units (23 21)		
23 21 29 00-0001			Automatic Shallow Pan Condensate Pump (23 21 29)		
23 21 29 00-0002	EA		1/150 HP, 205 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 1-ABS).....	216.84	32.09
23 21 29 00-0003	EA		1/40 HP, 300 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 2-ABS).....	235.93	32.09
23 21 29 00-0004	EA		1/12 HP, 310 GPH (Max) Automatic Shallow Pan Condensate Pump (Little Giant 3-ABS).....	371.45	37.03
23 21 29 00-0005			Automatic Condensate Pump With Tank (23 21 29)		
23 21 29 00-0006	EA		1/20 HP Automatic Condensate Pump With Tank (Hartell KT-15-1UL).....	116.98	24.69
23 21 29 00-0007	EA		1/30 HP Automatic Condensate Pump With Tank (Little Giant VCMX-20).....	125.13	24.69
23 21 29 00-0008	EA		1/50 HP, 200 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-14ULS).....	210.59	32.09
23 21 29 00-0009	EA		1/18 HP, 270 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-24ULS).....	226.71	37.03
23 21 29 00-0010	EA		1/5 HP, 450 GPH (Max) Automatic Condensate Removal Pump With Safety Switch (Little Giant VCL-45ULS) Condensate Pump.....	425.75	41.97

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 22 Steam and Condensate Piping and Pumps (23 20)

23 22 16 Steam and Condensate Heating Piping Specialties (23 22)

23 22 16 00-0001	High Temperature Safety Relief Valve <small>(23 22 16)</small>		
	Note: Used in steam or water boiler, heating systems and unfired pressure vessel applications.		
23 22 16 00-0002	Cast Iron Body Safety Valve, Steam Or Water <small>(23 22 16 00-0001)</small>		
	Note: Variable set points to 500 psig pressure, 400 Degree F temperature range.		
23 22 16 00-0003	Threaded <small>(23 22 16 00-0002)</small>		
23 22 16 00-0004	EA 3/4" x 1" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	495.60	16.08
23 22 16 00-0005	EA 1" x 1-1/4" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	517.91	19.02
23 22 16 00-0006	EA 1-1/4" x 1-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	570.22	24.12
23 22 16 00-0007	EA 1-1/2" x 2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	704.34	26.79
23 22 16 00-0008	EA 2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	902.21	32.95
23 22 16 00-0009	EA 2-1/2" x 2-1/2" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,404.62	37.51
23 22 16 00-0010	EA 3" x 3" Threaded Cast Iron Body Safety Relief Valve, Steam or Water	1,521.41	43.14

23 22 16 00-0011	Flanged <small>(23 22 16 00-0002)</small>		
23 22 16 00-0012	EA 1-1/2" x 2-1/2" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	3,517.81	112.53
23 22 16 00-0013	EA 2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,091.11	169.15
23 22 16 00-0014	EA 2-1/2" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	4,523.48	155.78
23 22 16 00-0015	EA 2-1/2" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,490.10	225.00
23 22 16 00-0016	EA 3" x 3" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	5,867.90	167.79
23 22 16 00-0017	EA 3" x 4" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	6,891.12	225.00
23 22 16 00-0018	EA 4" x 6" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	11,538.75	319.28
23 22 16 00-0019	EA 6" x 8" Flanged Cast Iron Body Safety Relief Valve, Steam or Water	22,984.07	356.59

23 22 16 00-0020	Bronze Body Safety Valve, Threaded, Steam <small>(23 22 16 00-0001)</small>		
	Note: Variable set points to 250 psig pressure, 400 Degree F temperature range. Valve also can be set for Air or Gas with variable set points to 300 psig pressure.		
23 22 16 00-0021	EA 3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Steam	540.30	14.74
23 22 16 00-0022	EA 3/4" x 1" Threaded Bronze Body Safety Relief Valve, Steam	553.07	16.08
23 22 16 00-0023	EA 1" x 1" Threaded Bronze Body Safety Relief Valve, Steam	647.78	17.68
23 22 16 00-0024	EA 1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	715.53	19.02
23 22 16 00-0025	EA 1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Steam	828.10	21.44
23 22 16 00-0026	EA 1-1/4" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	831.24	24.12
23 22 16 00-0027	EA 1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Steam	935.60	25.46
23 22 16 00-0028	EA 1-1/2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,019.97	26.79
23 22 16 00-0029	EA 2" x 2" Threaded Bronze Body Safety Relief Valve, Steam	1,419.10	30.01
23 22 16 00-0030	EA 2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,550.84	32.95
23 22 16 00-0031	EA 2-1/2" x 2-1/2" Threaded Bronze Body Safety Relief Valve, Steam	1,851.18	37.51

23 22 16 00-0032	Bronze Body Safety Valve, Threaded, Water <small>(23 22 16 00-0001)</small>		
	Note: Variable set points to 160 psig pressure, 250 Degree F temperature range.		
23 22 16 00-0033	EA 3/4" x 3/4" Threaded Bronze Body Safety Relief Valve, Water	251.06	14.74
23 22 16 00-0034	EA 3/4" x 1" Threaded Bronze Body Safety Relief Valve, Water	286.40	16.08
23 22 16 00-0035	EA 1" x 1" Threaded Bronze Body Safety Relief Valve, Water	398.63	17.68
23 22 16 00-0036	EA 1" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	439.10	19.02
23 22 16 00-0037	EA 1-1/4" x 1-1/4" Threaded Bronze Body Safety Relief Valve, Water	637.68	21.44
23 22 16 00-0038	EA 1-1/2" x 1-1/2" Threaded Bronze Body Safety Relief Valve, Water	861.67	25.46
23 22 16 00-0039	EA 2" x 2" Threaded Bronze Body Safety Relief Valve, Water	1,259.86	30.01

23 22 16 00-0040	Steam Temperature Regulator, Iron Body <small>(23 22 16)</small>		
23 22 16 00-0041	Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body <small>(23 22 16 00-0040)</small>		
	Note: Up to 150 PSI.		
23 22 16 00-0042	EA 1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,343.61	15.43
23 22 16 00-0043	EA 3/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,412.80	20.79
23 22 16 00-0044	EA 1" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,875.31	25.61
23 22 16 00-0045	EA 1-1/4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,069.88	32.37
23 22 16 00-0046	EA 1-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,123.03	37.18
23 22 16 00-0047	EA 2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,509.40	40.47
23 22 16 00-0048	EA 2-1/2" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	3,189.68	74.13
23 22 16 00-0049	EA 3" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,932.98	80.83
23 22 16 00-0050	EA 4" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	4,334.72	189.21
23 22 16 00-0051	EA 6" Single Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	7,162.23	222.07

23 22 16 00-0052	Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body <small>(23 22 16 00-0040)</small>		
23 22 16 00-0053	EA 1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	1,993.44	15.43
23 22 16 00-0054	EA 3/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,063.63	20.79
23 22 16 00-0055	EA 1" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,154.78	25.61
23 22 16 00-0056	EA 1-1/4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body	2,579.05	32.37

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0057	EA	1-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,762.38	37.18
23 22 16 00-0058	EA	2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,137.23	40.47
23 22 16 00-0059	EA	2-1/2" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,805.27	74.13
23 22 16 00-0060	EA	3" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,043.99	80.83
23 22 16 00-0061	EA	4" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,637.17	189.21
23 22 16 00-0062	EA	6" Single Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	9,062.63	222.07
23 22 16 00-0063		Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body <small>(23 22 16 00-0040)</small>		
23 22 16 00-0064	EA	1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,717.98	15.43
23 22 16 00-0065	EA	3/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	2,756.55	20.79
23 22 16 00-0066	EA	1" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,016.17	25.61
23 22 16 00-0067	EA	1-1/4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,283.49	32.37
23 22 16 00-0068	EA	1-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,401.73	37.18
23 22 16 00-0069	EA	2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,837.86	40.47
23 22 16 00-0070	EA	2-1/2" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,102.31	74.13
23 22 16 00-0071	EA	3" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,709.04	80.83
23 22 16 00-0072	EA	4" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,267.44	189.21
23 22 16 00-0073	EA	6" Double Seated Spring Loaded Direct Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	10,170.73	222.07
23 22 16 00-0074		Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body <small>(23 22 16 00-0040)</small>		
23 22 16 00-0075	EA	1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,483.67	15.43
23 22 16 00-0076	EA	3/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,518.42	20.79
23 22 16 00-0077	EA	1" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,820.13	25.61
23 22 16 00-0078	EA	1-1/4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	3,980.23	32.37
23 22 16 00-0079	EA	1-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,132.94	37.18
23 22 16 00-0080	EA	2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	4,500.17	40.47
23 22 16 00-0081	EA	2-1/2" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,485.15	74.13
23 22 16 00-0082	EA	3" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	5,999.13	80.83
23 22 16 00-0083	EA	4" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	7,557.52	189.21
23 22 16 00-0084	EA	6" Double Seated Spring Loaded Reverse Acting Diaphragm Valve, Steam Temperature Regulator, Iron Body.....	10,460.81	222.07
23 22 16 00-0085		Steam Traps <small>(23 22 16)</small>		
23 22 16 00-0086		Inverted Bucket Steam Traps <small>(23 22 16 00-0085)</small>		
23 22 16 00-0087	EA	1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	320.58	32.16
		<i>For Work In Restricted Working Space, Add</i>	19.30	
23 22 16 00-0088	EA	3/4" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	323.26	33.50
		<i>For Work In Restricted Working Space, Add</i>	20.10	
23 22 16 00-0089	EA	1" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	483.98	35.70
		<i>For Work In Restricted Working Space, Add</i>	21.44	
23 22 16 00-0090	EA	1-1/4" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	784.96	48.73
		<i>For Work In Restricted Working Space, Add</i>	29.24	
23 22 16 00-0091	EA	1-1/2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	1,171.63	60.04
		<i>For Work In Restricted Working Space, Add</i>	35.74	
23 22 16 00-0092	EA	2" 250 PSI Inverted Bucket Cast Iron Steam Trap.....	1,491.97	89.35
		<i>For Work In Restricted Working Space, Add</i>	53.61	
23 22 16 00-0093		Float And Thermostatic Steam Traps <small>(23 22 16 00-0085)</small>		
23 22 16 00-0094	EA	3/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	338.98	33.50
		<i>For Work In Restricted Working Space, Add</i>	20.10	
23 22 16 00-0095	EA	1" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	448.55	35.74
		<i>For Work In Restricted Working Space, Add</i>	21.44	
23 22 16 00-0096	EA	1-1/4" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	553.71	48.73
		<i>For Work In Restricted Working Space, Add</i>	29.24	
23 22 16 00-0097	EA	1-1/2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	813.49	59.56
		<i>For Work In Restricted Working Space, Add</i>	35.74	
23 22 16 00-0098	EA	2" 15 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,376.59	89.31
		<i>For Work In Restricted Working Space, Add</i>	53.61	
23 22 16 00-0099	EA	3/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	433.67	33.50
		<i>For Work In Restricted Working Space, Add</i>	20.10	
23 22 16 00-0100	EA	1" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	471.47	35.70
		<i>For Work In Restricted Working Space, Add</i>	21.44	
23 22 16 00-0101	EA	1-1/4" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	616.20	48.73
		<i>For Work In Restricted Working Space, Add</i>	29.24	
23 22 16 00-0102	EA	1-1/2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	964.73	59.51
		<i>For Work In Restricted Working Space, Add</i>	35.74	
23 22 16 00-0103	EA	2" 30 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,516.18	89.35
		<i>For Work In Restricted Working Space, Add</i>	53.61	
23 22 16 00-0104	EA	3/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	564.92	33.50
		<i>For Work In Restricted Working Space, Add</i>	20.10	
23 22 16 00-0105	EA	1" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	629.80	35.74
		<i>For Work In Restricted Working Space, Add</i>	21.44	
23 22 16 00-0106	EA	1-1/4" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	959.96	48.73
		<i>For Work In Restricted Working Space, Add</i>	29.24	
23 22 16 00-0107	EA	1-1/2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap.....	1,154.12	59.51
		<i>For Work In Restricted Working Space, Add</i>	35.74	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0108 EA 2" 75 PSI Maximum Pressure Float And Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	1,909.91 53.61	89.35
23 22 16 00-0109 EA 3/4" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	573.25 20.10	33.50
23 22 16 00-0110 EA 1" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	629.80 21.44	35.74
23 22 16 00-0111 EA 1-1/4" 150 PSI Max Pressure Float And Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	959.96 29.24	48.73
23 22 16 00-0112 EA 1-1/2" 150 PSI Max Pressure Float And Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	1,154.12 35.74	59.51
23 22 16 00-0113 EA 2" 150 PSI Maximum Pressure Float And Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	1,909.91 53.61	89.35
23 22 16 00-0114 Thermostatic Steam Traps (23 22 16 00-0085)		
23 22 16 00-0115 EA 1/2" 25 PSI Maximum Pressure Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	160.98 19.30	32.16
23 22 16 00-0116 EA 3/4" 25 PSI Maximum Pressure Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	273.24 20.10	33.50
23 22 16 00-0117 EA 1" 25 PSI Maximum Pressure Thermostatic Steam Trap <i>For Work In Restricted Working Space, Add</i>	338.61 21.44	35.70
23 22 16 00-0118 Thermodynamic Steam Traps (23 22 16 00-0085)		
23 22 16 00-0119 EA 3/8" 600 PSI Maximum Pressure Thermodynamic Steam Trap <i>For Work In Restricted Working Space, Add</i>	363.72 19.30	28.95
23 22 16 00-0120 EA 1/2" 600 PSI Maximum Pressure Thermodynamic Steam Trap <i>For Work In Restricted Working Space, Add</i>	518.50 19.30	32.16
23 22 16 00-0121 EA 3/4" 600 PSI Maximum Pressure Thermodynamic Steam Trap <i>For Work In Restricted Working Space, Add</i>	644.07 20.10	33.50
23 22 16 00-0122 EA 1" 600 PSI Maximum Pressure Thermodynamic Steam Trap <i>For Work In Restricted Working Space, Add</i>	865.21 21.44	35.70
23 22 16 00-0123 Steam Moisture Separator (23 22 16 00-0085)		
23 22 16 00-0124 EA 1/2" Steam Moisture Separator, Threaded (Spirax Sarco S1) <i>For Work In Restricted Working Space, Add</i>	757.31 79.59	53.61
23 22 16 00-0125 EA 3/4" Steam Moisture Separator, Threaded (Spirax Sarco S1) <i>For Work In Restricted Working Space, Add</i>	799.59 964.00	72.38
23 22 16 00-0126 EA 1" Steam Moisture Separator, Threaded (Spirax Sarco S1) <i>For Work In Restricted Working Space, Add</i>	964.00 1,532.26	81.49
23 22 16 00-0127 EA 1-1/2" Steam Moisture Separator, Threaded (Spirax Sarco S2) <i>For Work In Restricted Working Space, Add</i>	1,532.26 1,870.69	93.28
23 22 16 00-0128 EA 2" Steam Moisture Separator, Flanged (Spirax Sarco S3) <i>For Work In Restricted Working Space, Add</i>	1,870.69 2,826.31	142.92
23 22 16 00-0129 EA 2-1/2" Steam Moisture Separator, Flanged (Spirax Sarco S3) <i>For Work In Restricted Working Space, Add</i>	2,826.31 3,224.05	155.47
23 22 16 00-0130 EA 3" Steam Moisture Separator, Flanged (Spirax Sarco S3) <i>For Work In Restricted Working Space, Add</i>	3,224.05 4,457.79	182.28
23 22 16 00-0131 EA 4" Steam Moisture Separator, Flanged (Spirax Sarco S3) <i>For Work In Restricted Working Space, Add</i>	4,457.79 8,746.43	305.57
23 22 16 00-0132 EA 6" Steam Moisture Separator, Flanged (Spirax Sarco S3) <i>For Work In Restricted Working Space, Add</i>	8,746.43 79.82	385.99
23 22 16 00-0133 Steam/Condensate Meter (23 22 16)		
Note: Meter shall be of the rotary volumetric type and sized on the maximum estimated steam demand.		
23 22 16 00-0134 EA 1" Steam/Condensate Meter <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	6,743.15 79.82 64.52 1,220.00 567.00 905.00	88.83
23 22 16 00-0135 EA 2" Steam/Condensate Meter <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	7,606.60 79.82 64.52 1,220.00 567.00 905.00	104.38
23 22 16 00-0136 EA 2-1/2" Steam/Condensate Meter <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	8,061.52 79.82 64.52 1,220.00 567.00 905.00	129.54
23 22 16 00-0137 EA 3" Steam/Condensate Meter <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	8,537.17 79.82 64.52 1,220.00 567.00 905.00	170.26
23 22 16 00-0138 EA 4" Steam/Condensate Meter <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	9,598.86 79.82 64.52 1,220.00 567.00 905.00	264.51
23 22 16 00-0139 EA 6" Steam/Condensate Meter <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	16,481.20 79.82 64.52 1,220.00 567.00 905.00	334.59

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 16 00-0140 EA 8" Steam/Condensate Meter..... <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	17,043.42 79.82 64.52 1,220.00 567.00 905.00	422.43
23 22 16 00-0141 EA 10" Steam/Condensate Meter..... <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	17,802.77 79.82 64.52 1,220.00 567.00 905.00	518.17
23 22 16 00-0142 EA 12" Steam/Condensate Meter..... <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	18,629.68 79.82 64.52 1,220.00 567.00 905.00	629.20
23 22 16 00-0143 EA 14" Steam/Condensate Meter..... <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	19,807.71 79.82 64.52 1,220.00 567.00 905.00	740.23
23 22 16 00-0144 EA 16" Steam/Condensate Meter..... <i>For Direct Reading Pressure Gauge, Add</i> <i>For Direct Reading Thermometer, Stainless Steel Case With Trim, Add</i> <i>For Steam Meter Pressure-Compensated Counter, Add</i> <i>For Contactor Used For Dial Counter, Add</i> <i>For Wall Or Panel Mounted Remote Totalizer With Contactor, Add</i>	20,491.64 79.82 64.52 1,220.00 567.00 905.00	814.26

23 22 23 Steam Condensate Pumps (23 22)**23 22 23 13 Electric-Driven Steam Condensate Pumps (23 22 23)****23 22 23 13-0001 Simplex Condensate Pumps And Motors (23 22 23 13)**

Note: Cast iron receiver, float switch.

23 22 23 13-0002 20 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0003 EA 3 To 6 GPM Simplex Condensate Pump And 1/3 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	1,862.04	502.67
23 22 23 13-0004 EA 9 To 12 GPM Simplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,376.95	516.50
23 22 23 13-0005 EA 15 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,487.17	551.06
23 22 23 13-0006 EA 22.5 GPM Simplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	2,733.12	556.98
23 22 23 13-0007 EA 30 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	3,052.05	606.36
23 22 23 13-0008 EA 37.5 GPM Simplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,453.32	606.36
23 22 23 13-0009 EA 45 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	4,530.87	647.84
23 22 23 13-0010 EA 60 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,513.56	677.46
23 22 23 13-0011 EA 75 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure	5,572.47	707.10

23 22 23 13-0012 30 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0013 EA 3 To 6 GPM Simplex Condensate Pump And 1/2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,132.53	537.23
23 22 23 13-0014 EA 9 To 12 GPM Simplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,760.97	551.06
23 22 23 13-0015 EA 15 GPM Simplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	2,868.71	587.60
23 22 23 13-0016 EA 22.5 GPM Simplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	3,312.41	635.00
23 22 23 13-0017 EA 30 To 37.5 GPM Simplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,530.87	648.83
23 22 23 13-0018 EA 45 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,656.70	671.54
23 22 23 13-0019 EA 60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	4,800.05	707.10
23 22 23 13-0020 EA 75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure	5,560.36	752.52

23 22 23 13-0021 40 PSI Discharge Pressure (23 22 23 13-0001)

23 22 23 13-0022 EA 3 To 6 GPM Simplex Condensate Pump And 1 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,379.04	616.23
23 22 23 13-0023 EA 9 To 15 GPM Simplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	2,990.77	665.61
23 22 23 13-0024 EA 22.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure	3,493.89	657.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0025 EA 30 To 37.5 GPM Simplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,634.44	671.54
23 22 23 13-0026 EA 45 GPM Simplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,734.53	700.18
23 22 23 13-0027 EA 60 GPM Simplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	5,572.47	707.10
23 22 23 13-0028 EA 75 GPM Simplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	5,654.97	752.52
23 22 23 13-0029 50 PSI Discharge Pressure <small>(23 22 23 13-0001)</small>		
23 22 23 13-0030 EA 3 To 6 GPM Simplex Condensate Pump And 2 HP Motor With 6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,423.59	667.59
23 22 23 13-0031 EA 9 To 15 GPM Simplex Condensate Pump And 2 HP Motor With 13.6 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	3,227.82	681.42
23 22 23 13-0032 EA 22.5 GPM Simplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	3,697.50	686.35
23 22 23 13-0033 EA 30 To 45 GPM Simplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,815.89	746.59
23 22 23 13-0034 EA 60 To 75 GPM Simplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	7,552.61	804.87
23 22 23 13-0035 Duplex Condensate Pumps And Motors <small>(23 22 23 13)</small> Note: Cast iron receiver, float switch, alternator assembly.		
23 22 23 13-0036 20 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0037 EA 9 To 12 GPM Duplex Condensate Pump And 1/3 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,053.34	674.50
23 22 23 13-0038 EA 15 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,238.80	740.67
23 22 23 13-0039 EA 22.5 GPM Duplex Condensate Pump And 1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,531.49	746.59
23 22 23 13-0040 EA 30 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	3,943.74	813.75
23 22 23 13-0041 EA 37.5 GPM Duplex Condensate Pump And 3/4 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,456.31	813.75
23 22 23 13-0042 EA 45 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	5,566.56	876.96
23 22 23 13-0043 EA 60 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	6,578.55	915.47
23 22 23 13-0044 EA 75 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 20 PSI Discharge Pressure.....	6,744.51	960.89
23 22 23 13-0045 30 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0046 EA 9 To 12 GPM Duplex Condensate Pump And 1/2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	3,938.17	726.84
23 22 23 13-0047 EA 15 GPM Duplex Condensate Pump And 3/4 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,127.68	793.99
23 22 23 13-0048 EA 22.5 GPM Duplex Condensate Pump And 1 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	4,566.27	774.25
23 22 23 13-0049 EA 30 To 37.5 GPM Duplex Condensate Pump And 1 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	5,566.56	876.96
23 22 23 13-0050 EA 45 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	5,726.14	909.54
23 22 23 13-0051 EA 60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	6,521.91	960.89
23 22 23 13-0052 EA 75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 30 PSI Discharge Pressure.....	6,848.20	1,030.03
23 22 23 13-0053 40 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0054 EA 9 To 15 GPM Duplex Condensate Pump And 1 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,282.47	857.20
23 22 23 13-0055 EA 22.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	4,723.60	895.72
23 22 23 13-0056 EA 30 To 37.5 GPM Duplex Condensate Pump And 1-1/2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	5,739.50	909.54
23 22 23 13-0057 EA 45 GPM Duplex Condensate Pump And 2 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	5,906.57	954.97
23 22 23 13-0058 EA 60 GPM Duplex Condensate Pump And 2 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	6,745.63	960.89
23 22 23 13-0059 EA 75 GPM Duplex Condensate Pump And 3 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 40 PSI Discharge Pressure.....	6,874.92	1,030.03
23 22 23 13-0060 50 PSI Discharge Pressure <small>(23 22 23 13-0035)</small>		
23 22 23 13-0061 EA 9 To 15 GPM Duplex Condensate Pump And 2 HP Motor With 13.5 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,467.23	857.20
23 22 23 13-0062 EA 22.5 GPM Duplex Condensate Pump And 2 HP Motor With 21 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	4,823.91	942.13
23 22 23 13-0063 EA 30 To 45 GPM Duplex Condensate Pump And 3 HP Motor With 36 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure.....	6,036.97	1,023.11

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 22 Steam and Condensate Piping and Pumps**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 22 23 13-0064	EA		60 To 75 GPM Duplex Condensate Pump And 5 HP Motor With 50 Gallon Cast Iron Receiver, Float Switch, 50 PSI Discharge Pressure	10,411.45	1,108.04
23 23 Refrigerant Piping <small>(23 20)</small>					
23 23 13 Refrigerant Piping Valves <small>(23 23)</small>					
23 23 13 00-0001 Ball Valves <small>(23 23 13)</small>					
23 23 13 00-0002 Refrigeration Ball Valves, Sweat, 1400 Series <small>(23 23 13 00-0001)</small>					
23 23 13 00-0003	EA		3/8" Refrigeration Ball Valve, Sweated	44.20	10.72
23 23 13 00-0004	EA		1/2" Refrigeration Ball Valve, Sweated	45.93	10.72
23 23 13 00-0005	EA		5/8" Refrigeration Ball Valve, Sweated	62.53	10.72
23 23 13 00-0006	EA		7/8" Refrigeration Ball Valve, Sweated	83.69	11.79
23 23 13 00-0007	EA		1-1/8" Refrigeration Ball Valve, Sweated	117.91	13.40
23 23 13 00-0008	EA		1-5/8" Refrigeration Ball Valve, Sweated	192.78	16.50
23 23 13 00-0009 Shut-Off Valves <small>(23 23 13)</small>					
23 23 13 00-0010 Packless <small>(23 23 13 00-0009)</small>					
23 23 13 00-0011	EA		1/2" Refrigeration Valve, Packless	60.56	11.15
23 23 13 00-0012	EA		5/8" Refrigeration Valve, Packless	76.00	12.23
23 23 13 00-0013	EA		7/8" Refrigeration Valve, Packless	157.07	16.73
23 23 13 00-0014 Packed <small>(23 23 13 00-0009)</small>					
23 23 13 00-0015	EA		1-1/8" Refrigeration Valve, Packed	279.90	24.34
23 23 13 00-0016	EA		1 3/8" Refrigeration Valve, Packed	374.64	29.80
23 23 13 00-0017	EA		1-5/8" Refrigeration Valve, Packed	456.80	33.56
23 23 13 00-0018	EA		2-1/8" Refrigeration Valve, Packed	654.16	38.28
23 23 13 00-0019	EA		2-5/8" Refrigeration Valve, Packed	1,078.68	107.22
23 23 13 00-0020	EA		3-1/8" Refrigeration Valve, Packed	1,416.49	134.02
23 23 13 00-0021	EA		4-1/8" Refrigeration Valve, Packed	2,016.10	178.73
23 23 13 00-0022 Check Valves <small>(23 23 13)</small>					
23 23 13 00-0023	EA		5/8" Check Valve, Refrigeration	76.07	10.72
23 23 13 00-0024	EA		7/8" Check Valve, Refrigeration	244.92	11.79
23 23 13 00-0025	EA		1-1/8" Check Valve, Refrigeration	283.88	13.40
23 23 13 00-0026	EA		1 3/8" Check Valve, Refrigeration	382.66	14.26
23 23 13 00-0027	EA		1-5/8" Check Valve, Refrigeration	504.68	16.51
23 23 13 00-0028	EA		2-1/8" Check Valve, Refrigeration	750.23	19.51
23 23 13 00-0029	EA		2-5/8" Check Valve, Refrigeration	1,049.83	28.62
23 23 13 00-0030	EA		3-1/8" Check Valve, Refrigeration	1,390.66	37.52
23 23 13 00-0031 Solenoid Valves <small>(23 23 13)</small>					
23 23 13 00-0032 Solenoid Valve, 24 Volt Coil <small>(23 23 13 00-0031)</small>					
23 23 13 00-0033	EA		1/2" Solenoid Valve, Refrigeration	216.50	10.72
23 23 13 00-0034	EA		5/8" Solenoid Valve, Refrigeration	221.79	10.72
23 23 13 00-0035	EA		3/4" Solenoid Valve, Refrigeration	273.82	11.79
23 23 13 00-0036	EA		7/8" Solenoid Valve, Refrigeration	273.82	11.79
23 23 13 00-0037	EA		1-1/8" Solenoid Valve, Refrigeration	384.25	13.40
23 23 13 00-0038	EA		1 3/8" Solenoid Valve, Refrigeration	618.72	14.26
23 23 13 00-0039	EA		1-5/8" Solenoid Valve, Refrigeration	1,143.90	16.51
23 23 13 00-0040	EA		2-1/8" Solenoid Valve, Refrigeration	1,158.89	19.51
23 23 16 Refrigerant Piping Specialties <small>(23 23)</small>					
23 23 16 00-0001 Soft Refrigeration Copper Tubing <small>(23 23 16)</small>					
Note: Based on outside diameter. Nitrogenized. Lengths up to 100' See CSI section 22 07 19 00-0338 for flexible elastomeric insulation (insulation on suction line only).					
23 23 16 00-0002	LF		1/8" Outside Diameter Soft Refrigeration Copper Tubing	4.69	2.55
23 23 16 00-0003	LF		3/16" Outside Diameter Soft Refrigeration Copper Tubing	4.94	2.62
23 23 16 00-0004	LF		1/4" Outside Diameter Soft Refrigeration Copper Tubing	5.19	2.69
23 23 16 00-0005	LF		5/16" Outside Diameter Soft Refrigeration Copper Tubing	5.64	2.73
23 23 16 00-0006	LF		3/8" Outside Diameter Soft Refrigeration Copper Tubing	5.83	2.78
23 23 16 00-0007	LF		1/2" Outside Diameter Soft Refrigeration Copper Tubing	6.66	2.91
23 23 16 00-0008	LF		5/8" Outside Diameter Soft Refrigeration Copper Tubing	7.47	2.95
23 23 16 00-0009	LF		3/4" Outside Diameter Soft Refrigeration Copper Tubing	8.26	3.05
23 23 16 00-0010	LF		7/8" Outside Diameter Soft Refrigeration Copper Tubing	10.83	3.58
23 23 16 00-0011	LF		1-1/8" Outside Diameter Soft Refrigeration Copper Tubing	14.01	4.10
23 23 16 00-0012	LF		1-3/8" Outside Diameter Soft Refrigeration Copper Tubing	20.82	4.86
23 23 16 00-0013	LF		1-5/8" Outside Diameter Soft Refrigeration Copper Tubing	25.31	5.43
23 23 16 00-0014 Type L Drawn, ACR Copper Tubing <small>(23 23 16)</small>					
Note: Nitrogenized. Lengths up to 20'. See CSI section 22 07 19 00-0338 for flexible elastomeric insulation (insulation on suction line only).					

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0015 LF 3/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	6.48 0.55	3.00
23 23 16 00-0016 LF 1/2" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	7.47 0.60	3.00
23 23 16 00-0017 LF 5/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	8.10 0.63	3.00
23 23 16 00-0018 LF 3/4" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	11.67 0.92	4.51
23 23 16 00-0019 LF 7/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	12.78 1.00	4.83
23 23 16 00-0020 LF 1-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	15.27 1.13	4.83
23 23 16 00-0021 LF 1-3/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	19.20 1.38	5.57
23 23 16 00-0022 LF 1-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	23.43 1.65	6.43
23 23 16 00-0023 LF 2-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	33.71 2.29	8.04
23 23 16 00-0024 LF 2-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	50.52 3.44	12.11
23 23 16 00-0025 LF 3-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	65.72 4.41	15.01
23 23 16 00-0026 LF 3-5/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	83.23 5.50	17.79
23 23 16 00-0027 LF 4-1/8" Outside Diameter Type L Drawn, ACR Copper Tubing <i>For Medical Applications "Oxygen Clean", Add</i>	103.20 6.77	21.45
23 23 16 00-0028 Refrigeration Fittings (23 23 16)		
23 23 16 00-0029 Brass Flare Fittings (23 23 16 00-0028)		
23 23 16 00-0030 Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0031 EA 3/8" Brass Flare Union.....	25.78	11.58
23 23 16 00-0032 EA 1/2" Brass Flare Union.....	25.78	11.58
23 23 16 00-0033 EA 5/8" Brass Flare Union.....	27.96	11.58
23 23 16 00-0034 90 Degree Elbow Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0035 EA 3/8" 90 Degree Brass Flare Elbow Union	27.10	11.58
23 23 16 00-0036 EA 1/2" 90 Degree Brass Flare Elbow Union	27.10	11.58
23 23 16 00-0037 EA 5/8" 90 Degree Brass Flare Elbow Union	34.42	11.58
23 23 16 00-0038 Brass Flare Tees (23 23 16 00-0029)		
23 23 16 00-0039 EA 3/8" Brass Flare Tee.....	41.42	19.29
23 23 16 00-0040 EA 1/2" Brass Flare Tee.....	44.68	19.29
23 23 16 00-0041 EA 5/8" Brass Flare Tee.....	62.43	19.29
23 23 16 00-0042 Male Connector, Half Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0043 EA 3/8" Brass Flare Male Connector, Half Union	19.78	11.58
23 23 16 00-0044 EA 1/2" Brass Flare Male Connector, Half Union	21.96	11.58
23 23 16 00-0045 EA 5/8" Brass Flare Male Connector, Half Union	25.07	11.58
23 23 16 00-0046 Female Connector, Half Brass Flare Unions (23 23 16 00-0029)		
23 23 16 00-0047 EA 3/8" Brass Flare Female Connector, Half Union	22.59	11.58
23 23 16 00-0048 EA 1/2" Brass Flare Female Connector, Half Union	25.55	11.58
23 23 16 00-0049 EA 5/8" Brass Flare Female Connector, Half Union	25.55	11.58
23 23 16 00-0050 Long Forged Nuts (23 23 16 00-0029)		
23 23 16 00-0051 EA 3/8" Brass Long Forged Nut	21.11	11.58
23 23 16 00-0052 EA 1/2" Brass Long Forged Nut	21.96	11.58
23 23 16 00-0053 EA 5/8" Brass Long Forged Nut	31.45	11.58
23 23 16 00-0054 Short Forged Nuts (23 23 16 00-0029)		
23 23 16 00-0055 EA 3/8" Brass Short Forged Nut.....	19.87	11.58
23 23 16 00-0056 EA 1/2" Brass Short Forged Nut.....	21.84	11.58
23 23 16 00-0057 EA 5/8" Brass Short Forged Nut.....	22.25	11.58
23 23 16 00-0058 ACR Wrought Copper Fittings (23 23 16 00-0028) Note: Soldered.		
23 23 16 00-0059 ACR Wrought Copper Coupling (23 23 16 00-0058) Note: C x C		
23 23 16 00-0060 EA 1/4" ACR Wrought Copper Coupling	19.27	11.58
23 23 16 00-0061 EA 3/8" ACR Wrought Copper Coupling	18.92	11.58
23 23 16 00-0062 EA 1/2" ACR Wrought Copper Coupling	19.44	11.58
23 23 16 00-0063 EA 5/8" ACR Wrought Copper Coupling	19.97	12.11

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 23 Refrigerant Piping**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0064	EA	3/4" ACR Wrought Copper Coupling.....	28.71	15.97
23 23 16 00-0065	EA	7/8" ACR Wrought Copper Coupling.....	28.13	16.41
23 23 16 00-0066	EA	1-1/8" ACR Wrought Copper Coupling.....	37.63	20.37
23 23 16 00-0067	EA	1-3/8" ACR Wrought Copper Coupling.....	54.32	27.88
23 23 16 00-0068	EA	1-5/8" ACR Wrought Copper Coupling.....	65.62	32.71
23 23 16 00-0069	EA	2-1/8" ACR Wrought Copper Coupling.....	87.04	39.67
23 23 16 00-0070	EA	2-5/8" ACR Wrought Copper Coupling.....	152.49	60.26
23 23 16 00-0071	EA	3-1/8" ACR Wrought Copper Coupling.....	203.55	79.23
23 23 16 00-0072	EA	4-1/8" ACR Wrought Copper Coupling.....	333.78	94.14
23 23 16 00-0073		ACR Wrought Copper Short Radius 90 Degree Elbows (23 23 16 00-0058)		
		Note: C x C		
23 23 16 00-0074	EA	1/4" ACR Wrought Copper Short Radius 90 Degree Elbow.....	23.96	11.58
23 23 16 00-0075	EA	3/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	24.31	11.58
23 23 16 00-0076	EA	1/2" ACR Wrought Copper Short Radius 90 Degree Elbow.....	23.96	11.58
23 23 16 00-0077	EA	5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	26.06	12.11
23 23 16 00-0078	EA	3/4" ACR Wrought Copper Short Radius 90 Degree Elbow.....	38.28	15.97
23 23 16 00-0079	EA	7/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	38.74	16.41
23 23 16 00-0080	EA	1-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	49.47	20.37
23 23 16 00-0081	EA	1 3/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	61.15	27.88
23 23 16 00-0082	EA	1-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	79.23	32.71
23 23 16 00-0083	EA	2-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	114.37	39.67
23 23 16 00-0084	EA	2-5/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	200.28	60.26
23 23 16 00-0085	EA	3-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	257.00	79.23
23 23 16 00-0086	EA	4-1/8" ACR Wrought Copper Short Radius 90 Degree Elbow.....	494.78	94.14
23 23 16 00-0087		ACR Wrought Copper Long Radius 90 Degree Elbows (23 23 16 00-0058)		
		Note: C x C		
23 23 16 00-0088	EA	1/4" ACR Wrought Copper Long Radius 90 Degree Elbow.....	29.82	11.58
23 23 16 00-0089	EA	3/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	26.72	11.58
23 23 16 00-0090	EA	1/2" ACR Wrought Copper Long Radius 90 Degree Elbow.....	29.18	11.58
23 23 16 00-0091	EA	5/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	28.88	12.11
23 23 16 00-0092	EA	3/4" ACR Wrought Copper Long Radius 90 Degree Elbow.....	34.83	15.97
23 23 16 00-0093	EA	7/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	38.37	16.41
23 23 16 00-0094	EA	1-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	52.72	20.37
23 23 16 00-0095	EA	1-3/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	77.86	27.88
23 23 16 00-0096	EA	1-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	97.47	32.71
23 23 16 00-0097	EA	2-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	186.75	39.67
23 23 16 00-0098	EA	2-5/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	291.90	60.26
23 23 16 00-0099	EA	3-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	385.74	79.23
23 23 16 00-0100	EA	4-1/8" ACR Wrought Copper Long Radius 90 Degree Elbow.....	856.13	94.14
23 23 16 00-0101		ACR Wrought Copper 45 Degree Elbow (23 23 16 00-0058)		
		Note: C x C		
23 23 16 00-0102	EA	1/4" ACR Wrought Copper 45 Degree Elbow.....	34.08	11.58
23 23 16 00-0103	EA	3/8" ACR Wrought Copper 45 Degree Elbow.....	29.82	11.58
23 23 16 00-0104	EA	1/2" ACR Wrought Copper 45 Degree Elbow.....	28.01	11.58
23 23 16 00-0105	EA	5/8" ACR Wrought Copper 45 Degree Elbow.....	22.52	12.11
23 23 16 00-0106	EA	3/4" ACR Wrought Copper 45 Degree Elbow.....	42.81	15.97
23 23 16 00-0107	EA	7/8" ACR Wrought Copper 45 Degree Elbow.....	32.10	16.41
23 23 16 00-0108	EA	1-1/8" ACR Wrought Copper 45 Degree Elbow.....	49.43	20.37
23 23 16 00-0109	EA	1-3/8" ACR Wrought Copper 45 Degree Elbow.....	67.16	27.88
23 23 16 00-0110	EA	1-5/8" ACR Wrought Copper 45 Degree Elbow.....	79.61	32.71
23 23 16 00-0111	EA	2-1/8" ACR Wrought Copper 45 Degree Elbow.....	110.40	39.67
23 23 16 00-0112	EA	2-5/8" ACR Wrought Copper 45 Degree Elbow.....	198.95	60.26
23 23 16 00-0113	EA	3-1/8" ACR Wrought Copper 45 Degree Elbow.....	270.42	79.23
23 23 16 00-0114	EA	4-1/8" ACR Wrought Copper 45 Degree Elbow.....	464.10	94.14
23 23 16 00-0115		ACR Wrought Copper Tee (23 23 16 00-0058)		
		Note: C x C x C		
23 23 16 00-0116	EA	1/4" ACR Wrought Copper Tee.....	42.25	19.29
23 23 16 00-0117	EA	3/8" ACR Wrought Copper Tee.....	43.00	19.29
23 23 16 00-0118	EA	1/2" ACR Wrought Copper Tee.....	40.22	19.29
23 23 16 00-0119	EA	5/8" ACR Wrought Copper Tee.....	40.40	24.34
23 23 16 00-0120	EA	3/4" ACR Wrought Copper Tee.....	62.20	24.34
23 23 16 00-0121	EA	7/8" ACR Wrought Copper Tee.....	46.63	24.66
23 23 16 00-0122	EA	1-1/8" ACR Wrought Copper Tee.....	78.94	32.71
23 23 16 00-0123	EA	1-3/8" ACR Wrought Copper Tee.....	99.82	39.67
23 23 16 00-0124	EA	1-5/8" ACR Wrought Copper Tee.....	132.85	47.07
23 23 16 00-0125	EA	2-1/8" ACR Wrought Copper Tee.....	191.22	62.72
23 23 16 00-0126	EA	2-5/8" ACR Wrought Copper Tee.....	401.26	136.92
23 23 16 00-0127	EA	3-1/8" ACR Wrought Copper Tee.....	506.98	150.54
23 23 16 00-0128	EA	4-1/8" ACR Wrought Copper Tee.....	931.49	167.26
23 23 16 00-0129		ACR Wrought Copper Male Adapter (23 23 16 00-0058)		
		Note: C x M		
23 23 16 00-0130	EA	1/4" ACR Wrought Copper Male Adapter.....	38.31	11.58
23 23 16 00-0131	EA	3/8" ACR Wrought Copper Male Adapter.....	45.12	11.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0132 EA 1/2" ACR Wrought Copper Male Adapter	33.81	11.58
23 23 16 00-0133 ACR Wrought Copper Female Adapter (23 23 16 00-0058)		
Note: C x F		
23 23 16 00-0134 EA 1/4" ACR Wrought Copper Female Adapter	35.64	11.58
23 23 16 00-0135 EA 3/8" ACR Wrought Copper Female Adapter	31.73	11.58
23 23 16 00-0136 EA 1/2" ACR Wrought Copper Female Adapter	33.21	11.58
23 23 16 00-0137 ACR Wrought Copper Cap (23 23 16 00-0058)		
Note: C		
23 23 16 00-0138 EA 1/4" ACR Wrought Copper Cap	14.81	7.72
23 23 16 00-0139 EA 3/8" ACR Wrought Copper Cap	13.58	7.72
23 23 16 00-0140 EA 1/2" ACR Wrought Copper Cap	14.78	7.72
23 23 16 00-0141 ACR Wrought Copper P-Trap (23 23 16 00-0058)		
23 23 16 00-0142 EA 5/8" ACR Wrought Copper P-Trap	107.33	9.87
23 23 16 00-0143 EA 3/4" ACR Wrought Copper P-Trap	148.39	10.86
23 23 16 00-0144 EA 7/8" ACR Wrought Copper P-Trap	125.75	10.86
23 23 16 00-0145 EA 1-1/8" ACR Wrought Copper P-Trap	174.49	11.85
23 23 16 00-0146 EA 1-3/8" ACR Wrought Copper P-Trap	305.08	11.85
23 23 16 00-0147 EA 1-5/8" ACR Wrought Copper P-Trap	436.61	12.84
23 23 16 00-0148 EA 2-1/8" ACR Wrought Copper P-Trap	810.25	13.83
23 23 16 00-0149 Sight Glass With Moisture And Liquid Indicator, Solder Connection (23 23 16)		
23 23 16 00-0150 EA 1/4" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	56.68	14.82
23 23 16 00-0151 EA 3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	68.88	17.78
23 23 16 00-0152 EA 1/2" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	83.32	21.72
23 23 16 00-0153 EA 5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	91.39	24.69
23 23 16 00-0154 EA 7/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	123.78	31.60
23 23 16 00-0155 EA 1-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	142.69	38.52
23 23 16 00-0156 EA 1-3/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	223.11	45.43
23 23 16 00-0157 EA 1-5/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	273.79	62.22
23 23 16 00-0158 EA 2-1/8" Outside Diameter Sight Glass With Moisture And Liquid Indicator, Solder Connection	335.83	77.03
23 23 16 00-0159 Filter Driers, Solder Connections (23 23 16)		
23 23 16 00-0160 Replaceable Core Type Filter Driers, Solder Connections (23 23 16 00-0159)		
23 23 16 00-0161 EA 5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	526.93	8.89
23 23 16 00-0162 EA 7/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	526.99	10.86
23 23 16 00-0163 EA 1-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	672.62	10.86
23 23 16 00-0164 EA 1-3/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	667.06	11.85
23 23 16 00-0165 EA 1-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	740.74	12.84
23 23 16 00-0166 EA 2-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	829.11	13.83
23 23 16 00-0167 EA 2-5/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	967.85	14.82
23 23 16 00-0168 EA 3-1/8" Outside Diameter Replaceable Core Type Filter Drier, Solder Connections	1,208.23	14.82
23 23 16 00-0169 Sealed In-Line Filter Driers, Solder Connections (23 23 16 00-0159)		
23 23 16 00-0170 EA 1/4" Outside Diameter, 1/4 To 1 Ton, Sealed In-Line Filter Drier, Solder Connections	81.26	8.89
23 23 16 00-0171 EA 3/8" Outside Diameter, 1/2 To 2 Ton, Sealed In-Line Filter Drier, Solder Connections	103.80	8.89
23 23 16 00-0172 EA 1/2" Outside Diameter, 1 To 7 Ton, Sealed In-Line Filter Drier, Solder Connections	132.68	9.87
23 23 16 00-0173 EA 1/2" Outside Diameter, 2 To 7-1/2 Ton, Sealed In-Line Filter Drier, Solder Connections	153.97	9.87
23 23 16 00-0174 EA 5/8" Outside Diameter, 2 To 10 Ton, Sealed In-Line Filter Drier, Solder Connections	169.11	9.87
23 23 16 00-0175 EA 5/8" Outside Diameter, 4 To 8 Ton, Sealed In-Line Filter Drier, Solder Connections	196.85	9.87
23 23 16 00-0176 EA 7/8" Outside Diameter, 5 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	221.36	10.86
23 23 16 00-0177 EA 7/8" Outside Diameter, 7-1/2 To 20 Ton, Sealed In-Line Filter Drier, Solder Connections	331.31	10.86
23 23 16 00-0178 EA 1-1/8" Outside Diameter, 15 To 25 Ton, Sealed In-Line Filter Drier, Solder Connections	359.69	10.86
23 23 16 00-0179 Bi-Flow Filter Driers, Solder Connections (23 23 16 00-0159)		
23 23 16 00-0180 EA 1/4" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	115.68	8.89
23 23 16 00-0181 EA 3/8" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	128.30	8.89
23 23 16 00-0182 EA 1/2" Outside Diameter, 1 To 3-1/2 Ton, Bi-Flow Filter Drier, Solder Connections	152.72	9.87
23 23 16 00-0183 EA 3/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	138.02	8.89
23 23 16 00-0184 EA 1/2" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	172.77	9.87
23 23 16 00-0185 EA 5/8" Outside Diameter, 1 To 8 Ton, Bi-Flow Filter Drier, Solder Connections	200.29	9.87
23 23 16 00-0186 Refrigerant Compressor Discharge Mufflers (23 23 16)		
23 23 16 00-0187 EA 3/8" Outside Diameter, 2 Ton, Refrigerant Compressor Discharge Muffler	103.46	8.89
23 23 16 00-0188 EA 1/2" Outside Diameter, 3 Ton, Refrigerant Compressor Discharge Muffler	114.20	8.89
23 23 16 00-0189 EA 5/8" Outside Diameter, 5 Ton, Refrigerant Compressor Discharge Muffler	137.80	8.89
23 23 16 00-0190 EA 7/8" Outside Diameter, 7-1/2 To 10 Ton, Refrigerant Compressor Discharge Muffler	184.48	10.86
23 23 16 00-0191 EA 1-1/8" Outside Diameter, 10 To 15 Ton, Refrigerant Compressor Discharge Muffler	240.44	10.86
23 23 16 00-0192 EA 1-3/8" Outside Diameter, 15 To 25 Ton, Refrigerant Compressor Discharge Muffler	285.53	11.85
23 23 16 00-0193 EA 1-5/8" Outside Diameter, 25 To 50 Ton, Refrigerant Compressor Discharge Muffler	362.10	12.84

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 20 HVAC Piping and Pumps****23 23 Refrigerant Piping**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 23 16 00-0194 EA 2-1/8" Outside Diameter, 50 To 75 Ton, Refrigerant Compressor Discharge Muffler	677.05	13.83
23 23 16 00-0195 EA 2-5/8" Outside Diameter, 75 To 100 Ton, Refrigerant Compressor Discharge Muffler	754.57	14.82
23 23 16 00-0196 EA 3-1/8" Outside Diameter, 100 To 125 Ton, Refrigerant Compressor Discharge Muffler	933.47	14.82
23 23 16 00-0197 Expansion Valves And Vibration Absorbers (23 23 16)		
23 23 16 00-0198 Thermostatic Expansion Valves (23 23 16 00-0197)		
Note: Outside diameter pipe sizes. Sporlan TP-S.		
23 23 16 00-0199 EA 3/8" In x 5/8" Out, 1/2 To 3 Ton, Thermostatic Expansion Valve	225.75	8.89
23 23 16 00-0200 EA 1/2" In x 7/8" Out, 4 To 5 Ton, Thermostatic Expansion Valve	314.49	9.87
23 23 16 00-0201 EA 5/8" In x 7/8" Out, 6 To 8 Ton, Thermostatic Expansion Valve	539.09	9.87
23 23 16 00-0202 EA 7/8" In x 1-1/8" Out, 7 To 12 Ton, Thermostatic Expansion Valve	638.82	10.86
23 23 16 00-0203 EA 7/8" In x 1-3/8" Out, 15 To 20 Ton, Thermostatic Expansion Valve	688.20	10.86
23 23 16 00-0204 Electric Expansion Valves (23 23 16 00-0197)		
Note: Sporlan SEI or SEH.		
23 23 16 00-0205 EA 1/2 To 11 Ton Electric Expansion Valve	563.00	12.34
Note: Sporlan SEI.		
23 23 16 00-0206 EA 25 Ton Electric Expansion Valve	653.25	12.84
Note: Sporlan SEI.		
23 23 16 00-0207 EA 50 Ton Electric Expansion Valve	744.01	13.33
Note: Sporlan SEI.		
23 23 16 00-0208 EA 100 Ton Electric Expansion Valve	871.83	13.33
Note: Sporlan SEH.		
23 23 16 00-0209 EA 175 Ton Electric Expansion Valve	982.50	13.83
Note: Sporlan SEH.		
23 23 16 00-0210 Braided Stainless Steel Over Copper Vibration Absorber (23 23 16 00-0197)		
23 23 16 00-0211 EA 1/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	59.82	12.84
23 23 16 00-0212 EA 3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	59.71	14.82
23 23 16 00-0213 EA 1/2" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	77.56	18.76
23 23 16 00-0214 EA 5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	83.26	22.71
23 23 16 00-0215 EA 3/4" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	97.90	27.65
23 23 16 00-0216 EA 7/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	113.45	31.60
23 23 16 00-0217 EA 1-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	160.95	11.85
23 23 16 00-0218 EA 1-3/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	228.28	12.84
23 23 16 00-0219 EA 1-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	286.95	12.84
23 23 16 00-0220 EA 2-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	395.09	13.83
23 23 16 00-0221 EA 2-5/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	677.29	14.82
23 23 16 00-0222 EA 3-1/8" Outside Diameter Braided Stainless Steel Over Copper Vibration Absorber	888.65	14.82
23 23 16 00-0223 Accumulator, Refrigerant Suction Line (23 23 16)		
23 23 16 00-0224 EA 3/4" Accumulator, Refrigeration Suction Line	189.52	44.93
23 23 16 00-0225 EA 7/8" Accumulator, Refrigeration Suction Line	256.66	61.72
23 23 16 00-0226 EA 1-1/8" Accumulator, Refrigeration Suction Line	304.03	82.27
23 23 16 00-0227 EA 1 3/8" Accumulator, Refrigeration Suction Line	432.43	98.76
23 23 16 00-0228 EA 1-5/8" Accumulator, Refrigeration Suction Line	598.98	123.45
23 23 16 00-0229 EA 2-1/8" Accumulator, Refrigeration Suction Line	916.34	164.63
23 23 16 00-0230 Special Chemicals/Component (23 23 16)		
23 23 16 00-0231 GAL Special Chemical, Inhibited Propylene Glycol, 100%	40.21	
23 23 16 00-0232 GAL Removal And Storage For Reuse Of Inhibited Propylene Glycol	7.66	
23 23 16 00-0233 GAL Special Chemical, Inhibited Ethylene Glycol, 100%	27.28	
23 23 16 00-0234 EA Internal Coil/Refrigerant Piping Flush	330.06	
Note: Up to 10 ton AC system.		
23 23 23 Refrigerants (23 23)		
23 23 23 00-0001 Refrigerant (23 23 23)		
23 23 23 00-0002 LB R-113 Refrigerant	42.98	
23 23 23 00-0003 LB R-123 Refrigerant	31.53	
23 23 23 00-0004 LB R-134A Refrigerant	11.24	
23 23 23 00-0005 LB R-404A Refrigerant	20.11	
23 23 23 00-0006 LB R-407C Refrigerant	19.89	
23 23 23 00-0007 LB R-408A Refrigerant	45.35	
23 23 23 00-0008 LB R-410A Refrigerant	19.49	
23 23 23 00-0009 LB R-500 Refrigerant	38.53	
23 23 23 00-0010 LB R-507 Refrigerant	12.40	
23 25 HVAC Water Treatment (23 20)		
23 25 13 Water Treatment for Closed-Loop Hydronic Systems (23 25)		
23 25 13 00-0001 Polyethylene Chemical Storage Tanks (23 25 13)		
23 25 13 00-0002 EA 15 Gallon Chemical Storage Tank, Polyethylene	495.79	82.45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 25 13 00-0003 Gas Chlorinator <small>(23 25 13)</small>		
23 25 13 00-0004 EA Gas Chlorinator, Wall Or Cylinder Mounted (10 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,100.38	375.10
<i>For Booster Pump, Add</i>	<i>424.08</i>	
23 25 13 00-0005 EA Gas Chlorinator, Wall Or Cylinder Mounted (25 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,257.11	428.69
<i>For Booster Pump, Add</i>	<i>484.75</i>	
23 25 13 00-0006 EA Gas Chlorinator, Wall Or Cylinder Mounted (50 PPD) With Metering Tube And Rate Valve Metering Tube Supply Indicator, Rate Valve, And Diffuser-Ejector Unit.....	1,747.41	324.73
<i>For Booster Pump, Add</i>	<i>595.38</i>	
23 25 13 00-0007 Bypass Shot Feeders <small>(23 25 13)</small>		
<i>Note: Includes up to 4 ports (in, out, fill and drain). Excludes valves.</i>		
23 25 13 00-0008 In Line Mount, 125 PSIG <small>(23 25 13 00-0007)</small>		
23 25 13 00-0009 EA 1.7 Gallon Bypass Shot Chemical Feeder In Line Mount, 125 PSIG.....	992.59	279.48
23 25 13 00-0010 Floor Mount, 175 PSIG <small>(23 25 13 00-0007)</small>		
23 25 13 00-0011 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,458.31	420.70
23 25 13 00-0012 EA 12 Gallon Bypass Shot Chemical Feeder, Floor Mount, 175 PSIG.....	1,922.32	556.98
23 25 13 00-0013 Floor Mount, 150 LB ASME Code <small>(23 25 13 00-0007)</small>		
23 25 13 00-0014 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code.....	1,458.31	420.70
23 25 13 00-0015 EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 150 LB ASME Code.....	1,922.32	556.98
23 25 13 00-0016 Floor Mount, 300 LB ASME Code <small>(23 25 13 00-0007)</small>		
23 25 13 00-0017 EA 5 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code.....	1,843.02	420.70
23 25 13 00-0018 EA 10 Gallon Bypass Shot Chemical Feeder, Floor Mount, 300 LB ASME Code.....	2,321.79	556.98

23 30 HVAC Air Distribution (23)

23 31 HVAC Ducts and Casings (23 30)

Note: Excludes angle iron, threaded rod, anchor bolts or other external supporting devices other than normal sheet metal straps. See CSI section 05 12 23 00-0423 for angle iron, 23 05 29 00-0001 for threaded rod.

23 31 13 Metal Ducts (23 31)

23 31 13 13 Rectangular Metal Ducts (23 31 13)

23 31 13 13-0001 Steel Sheet Metal Duct (23 31 13 13)

Note: Includes all fittings, transitions, collars, straps, support straps, fabrication, installation and sealing the joints by tape, mastic, or spray on sealer. Duct Sealing: Class-C requires sealing transverse joints; Class-B requires sealing all transverse joint and longitudinal seams; Class-A requires sealing all transverse joints longitudinal seams and duct wall penetrations.

23 31 13 13-0002 Galvanized Steel Sheet Metal Ductwork And Sealant (23 31 13 13-0001)

Note: SMACNA weight for galvanized steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.906 LB/SF; 24 gauge - 1.156 LB/SF; 22 gauge - 1.406 LB/SF; 20 gauge - 1.656 LB/SF; 18 gauge - 2.156 LB/SF; 16 gauge - 2.656 LB/SF

23 31 13 13-0003 LB Seal Class C, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	13.71	3.72
<i>For >200 To 500, Add</i>	<i>3.04</i>	
<i>For >500 To 1,000, Add</i>	<i>2.08</i>	
<i>For >2,000 To 5,000, Add</i>	<i>0.53</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>3.43</i>	
<i>For >1,000 To 2,000, Add</i>	<i>1.16</i>	
<i>For Up To 200, Add</i>	<i>4.79</i>	
<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	<i>0.45</i>	
<i>For Elevated Installation >10' To 15', Add</i>	<i>0.69</i>	
<i>For Elevated Installation >15' To 20', Add</i>	<i>1.37</i>	
<i>For Elevated Installation >20' To 25', Add</i>	<i>1.72</i>	
<i>For Elevated Installation >25' To 30', Add</i>	<i>2.40</i>	
<i>For Elevated Installation >30' To 35', Add</i>	<i>2.75</i>	
<i>For Elevated Installation >35' To 40', Add</i>	<i>3.43</i>	
<i>For Elevated Installation >40', Add</i>	<i>3.78</i>	
23 31 13 13-0004 LB Seal Class B, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	15.67	3.72
<i>For >200 To 500, Add</i>	<i>3.45</i>	
<i>For >500 To 1,000, Add</i>	<i>2.37</i>	
<i>For >2,000 To 5,000, Add</i>	<i>0.60</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>3.95</i>	
<i>For >1,000 To 2,000, Add</i>	<i>1.33</i>	
<i>For Up To 200, Add</i>	<i>5.45</i>	
<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	<i>0.50</i>	
<i>For Elevated Installation >10' To 15', Add</i>	<i>0.79</i>	
<i>For Elevated Installation >15' To 20', Add</i>	<i>1.58</i>	
<i>For Elevated Installation >20' To 25', Add</i>	<i>1.97</i>	
<i>For Elevated Installation >25' To 30', Add</i>	<i>2.76</i>	
<i>For Elevated Installation >30' To 35', Add</i>	<i>3.16</i>	
<i>For Elevated Installation >35' To 40', Add</i>	<i>3.95</i>	
<i>For Elevated Installation >40', Add</i>	<i>4.34</i>	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0005	LB	Seal Class A, Rectangular Or Square, Galvanized Steel Sheet Metal Ductwork.....	18.76	3.72
			<i>For >200 To 500, Add</i>	4.06	
			<i>For >500 To 1,000, Add</i>	2.82	
			<i>For >2,000 To 5,000, Add</i>	0.72	
			<i>For Work In Restricted Working Space, Add</i>	4.81	
			<i>For >1,000 To 2,000, Add</i>	1.58	
			<i>For Up To 200, Add</i>	6.45	
			<i>For Polyvinyl Chloride (PVC) Coated, Add</i>	0.55	
			<i>For Elevated Installation >10' To 15', Add</i>	0.96	
			<i>For Elevated Installation >15' To 20', Add</i>	1.92	
			<i>For Elevated Installation >20' To 25', Add</i>	2.40	
			<i>For Elevated Installation >25' To 30', Add</i>	3.36	
			<i>For Elevated Installation >30' To 35', Add</i>	3.84	
			<i>For Elevated Installation >35' To 40', Add</i>	4.81	
			<i>For Elevated Installation >40', Add</i>	5.29	
23 31 13	13-0006		Alloy 3003-H14, Aluminum Sheet Metal Ductwork <small>(23 31 13 13-0001)</small>		
			Note: SMACNA weight for aluminum ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.224 LB/SF; 24 gauge - 0.282 LB/SF; 22 gauge - 0.352 LB/SF; 20 gauge - 0.451 LB/SF; 18 gauge - 0.563 LB/SF; 16 gauge - 0.718 LB/SF; 14 gauge - 0.901 LB/SF; 12 gauge - 0.141 LB/SF		
23 31 13	13-0007	LB	Seal Class C, Alloy 3003-H14, Aluminum Sheet Metal Ductwork.....	26.72	3.72
			<i>For >2,000 To 5,000, Add</i>	1.03	
			<i>For Up To 200, Add</i>	9.25	
			<i>For Work In Restricted Working Space, Add</i>	6.78	
			<i>For >1,000 To 2,000, Add</i>	2.26	
			<i>For >200 To 500, Add</i>	5.84	
			<i>For >500 To 1,000, Add</i>	4.03	
			<i>For Elevated Installation >10' To 15', Add</i>	1.36	
			<i>For Elevated Installation >15' To 20', Add</i>	2.71	
			<i>For Elevated Installation >20' To 25', Add</i>	3.39	
			<i>For Elevated Installation >25' To 30', Add</i>	4.75	
			<i>For Elevated Installation >30' To 35', Add</i>	5.43	
			<i>For Elevated Installation >35' To 40', Add</i>	6.78	
			<i>For Elevated Installation >40', Add</i>	7.46	
23 31 13	13-0008	LB	Seal Class B, Alloy 3003-H14, Aluminum Sheet Metal Ductwork.....	30.34	3.72
			<i>For >2,000 To 5,000, Add</i>	1.17	
			<i>For Up To 200, Add</i>	10.40	
			<i>For Work In Restricted Working Space, Add</i>	7.80	
			<i>For >1,000 To 2,000, Add</i>	2.56	
			<i>For >200 To 500, Add</i>	6.55	
			<i>For >500 To 1,000, Add</i>	4.55	
			<i>For Elevated Installation >10' To 15', Add</i>	1.56	
			<i>For Elevated Installation >15' To 20', Add</i>	3.12	
			<i>For Elevated Installation >20' To 25', Add</i>	3.90	
			<i>For Elevated Installation >25' To 30', Add</i>	5.46	
			<i>For Elevated Installation >30' To 35', Add</i>	6.24	
			<i>For Elevated Installation >35' To 40', Add</i>	7.80	
			<i>For Elevated Installation >40', Add</i>	8.58	
23 31 13	13-0009	LB	Seal Class A, Alloy 3003-H14, Aluminum Sheet Metal Ductwork.....	36.24	3.72
			<i>For >2,000 To 5,000, Add</i>	1.40	
			<i>For Up To 200, Add</i>	12.25	
			<i>For Work In Restricted Working Space, Add</i>	9.50	
			<i>For >1,000 To 2,000, Add</i>	3.04	
			<i>For >200 To 500, Add</i>	7.67	
			<i>For >500 To 1,000, Add</i>	5.39	
			<i>For Elevated Installation >10' To 15', Add</i>	1.90	
			<i>For Elevated Installation >15' To 20', Add</i>	3.80	
			<i>For Elevated Installation >20' To 25', Add</i>	4.75	
			<i>For Elevated Installation >25' To 30', Add</i>	6.65	
			<i>For Elevated Installation >30' To 35', Add</i>	7.60	
			<i>For Elevated Installation >35' To 40', Add</i>	9.50	
			<i>For Elevated Installation >40', Add</i>	10.45	
23 31 13	13-0010		Type 304, Stainless Steel Sheet Metal Ductwork <small>(23 31 13 13-0001)</small>		
			Note: SMACNA weight for stainless steel ductwork LB/SF (surface areas) by gauge: 26 gauge - 0.748 LB/SF; 24 gauge - 0.987 LB/SF; 22 gauge - 1.231 LB/SF; 20 gauge - 1.491 LB/SF; 18 gauge - 2.016 LB/SF; 16 gauge - 2.499 LB/SF; 14 gauge - 3.154 LB/SF; 12 gauge - 4.427 LB/SF		
23 31 13	13-0011	LB	Seal Class C, Type 304, Stainless Steel Sheet Metal Ductwork.....	19.37	4.95
			<i>For >2,000 To 5,000, Add</i>	0.72	
			<i>For Welded Seams, Add</i>	7.22	
			<i>For Up To 200, Add</i>	7.45	
			<i>For Work In Restricted Working Space, Add</i>	4.17	
			<i>For >1,000 To 2,000, Add</i>	1.71	
			<i>For >200 To 500, Add</i>	4.85	
			<i>For >500 To 1,000, Add</i>	3.09	
			<i>For Elevated Installation >10' To 15', Add</i>	0.83	
			<i>For Elevated Installation >15' To 20', Add</i>	1.67	
			<i>For Elevated Installation >20' To 25', Add</i>	2.09	
			<i>For Elevated Installation >25' To 30', Add</i>	2.92	
			<i>For Elevated Installation >30' To 35', Add</i>	3.34	
			<i>For Elevated Installation >35' To 40', Add</i>	4.17	
			<i>For Elevated Installation >40', Add</i>	4.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0012 LB Seal Class B, Type 304, Stainless Steel Sheet Metal Ductwork.....	22.47	4.95
<i>For >2,000 To 5,000, Add</i>	0.84	
<i>For Welded Seams, Add</i>	8.67	
<i>For Up To 200, Add</i>	8.45	
<i>For Work In Restricted Working Space, Add</i>	5.03	
<i>For >1,000 To 2,000, Add</i>	1.97	
<i>For >200 To 500, Add</i>	5.47	
<i>For >500 To 1,000, Add</i>	3.55	
<i>For Elevated Installation >10' To 15', Add</i>	1.01	
<i>For Elevated Installation >15' To 20', Add</i>	2.01	
<i>For Elevated Installation >20' To 25', Add</i>	2.51	
<i>For Elevated Installation >25' To 30', Add</i>	3.52	
<i>For Elevated Installation >30' To 35', Add</i>	4.02	
<i>For Elevated Installation >35' To 40', Add</i>	5.03	
<i>For Elevated Installation >40', Add</i>	5.53	
23 31 13 13-0013 LB Seal Class A, Type 304, Stainless Steel Sheet Metal Ductwork.....	25.39	4.95
<i>For >2,000 To 5,000, Add</i>	0.96	
<i>For Welded Seams, Add</i>	10.02	
<i>For Up To 200, Add</i>	9.40	
<i>For Work In Restricted Working Space, Add</i>	5.84	
<i>For >1,000 To 2,000, Add</i>	2.21	
<i>For >200 To 500, Add</i>	6.06	
<i>For >500 To 1,000, Add</i>	3.97	
<i>For Elevated Installation >10' To 15', Add</i>	1.17	
<i>For Elevated Installation >15' To 20', Add</i>	2.33	
<i>For Elevated Installation >20' To 25', Add</i>	2.92	
<i>For Elevated Installation >25' To 30', Add</i>	4.08	
<i>For Elevated Installation >30' To 35', Add</i>	4.67	
<i>For Elevated Installation >35' To 40', Add</i>	5.84	
<i>For Elevated Installation >40', Add</i>	6.42	
23 31 13 13-0014 Galvanized Steel Sheet Metal Ductwork By LF <small>(23 31 13 13-0001)</small>		
Note: Ductwork includes collars, straps, support straps, etc. Shop fabricated ductwork is designed and fabricated in shop with machines, delivered to site and installed. For fittings add the following equivalent lengths: 0.75' for duct end cap; 1.5' for tap-in; 2.5' for 45 degree elbows; 3' for 90 degree elbows, transition, taper, register box; 4' for 45 degree reducing elbow, offset, turning vanes installed in elbows; 5' for 90 degree reducing elbow, 135 degree angle gooseneck, boots; and 6' for transition/reducer.		
23 31 13 13-0015 30 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0016 LF 4" x 4", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	14.59	7.64
<i>For Seal Class B, Add</i>	1.91	
<i>For Seal Class A, Add</i>	4.08	
<i>For Work In Restricted Working Space, Add</i>	3.82	
23 31 13 13-0017 LF 4" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	18.22	9.55
<i>For Seal Class B, Add</i>	2.39	
<i>For Seal Class A, Add</i>	5.09	
<i>For Work In Restricted Working Space, Add</i>	4.78	
23 31 13 13-0018 LF 4" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	21.88	11.47
<i>For Seal Class B, Add</i>	2.87	
<i>For Seal Class A, Add</i>	6.11	
<i>For Work In Restricted Working Space, Add</i>	5.73	
23 31 13 13-0019 LF 4" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	25.51	13.37
<i>For Seal Class B, Add</i>	3.34	
<i>For Seal Class A, Add</i>	7.13	
<i>For Work In Restricted Working Space, Add</i>	6.68	
23 31 13 13-0020 LF 4" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	29.17	15.28
<i>For Seal Class B, Add</i>	3.82	
<i>For Seal Class A, Add</i>	8.15	
<i>For Work In Restricted Working Space, Add</i>	7.64	
23 31 13 13-0021 LF 4" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	32.82	17.20
<i>For Seal Class B, Add</i>	4.30	
<i>For Seal Class A, Add</i>	9.17	
<i>For Work In Restricted Working Space, Add</i>	8.60	
23 31 13 13-0022 LF 4" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	36.46	19.10
<i>For Seal Class B, Add</i>	4.78	
<i>For Seal Class A, Add</i>	10.19	
<i>For Work In Restricted Working Space, Add</i>	9.56	
23 31 13 13-0023 LF 6" x 6", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	21.88	11.47
<i>For Seal Class B, Add</i>	2.87	
<i>For Seal Class A, Add</i>	6.11	
<i>For Work In Restricted Working Space, Add</i>	5.73	
23 31 13 13-0024 LF 6" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	25.51	13.37
<i>For Seal Class B, Add</i>	3.34	
<i>For Seal Class A, Add</i>	7.13	
<i>For Work In Restricted Working Space, Add</i>	6.68	
23 31 13 13-0025 LF 6" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	29.17	15.28
<i>For Seal Class B, Add</i>	3.82	
<i>For Seal Class A, Add</i>	8.15	
<i>For Work In Restricted Working Space, Add</i>	7.64	
23 31 13 13-0026 LF 6" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	32.82	17.20
<i>For Seal Class B, Add</i>	4.30	
<i>For Seal Class A, Add</i>	9.17	
<i>For Work In Restricted Working Space, Add</i>	8.60	
23 31 13 13-0027 LF 6" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork.....	36.46	19.10
<i>For Seal Class B, Add</i>	4.78	
<i>For Seal Class A, Add</i>	10.19	
<i>For Work In Restricted Working Space, Add</i>	9.56	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 31 13 13-0028	LF	6" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.11		21.02
		<i>For Seal Class B, Add</i>	5.25		
		<i>For Seal Class A, Add</i>	11.21		
		<i>For Work In Restricted Working Space, Add</i>	10.51		
23 31 13 13-0029	LF	8" x 8", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	29.17		15.28
		<i>For Seal Class B, Add</i>	3.82		
		<i>For Seal Class A, Add</i>	8.15		
		<i>For Work In Restricted Working Space, Add</i>	7.64		
23 31 13 13-0030	LF	8" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	32.82		17.20
		<i>For Seal Class B, Add</i>	4.30		
		<i>For Seal Class A, Add</i>	9.17		
		<i>For Work In Restricted Working Space, Add</i>	8.60		
23 31 13 13-0031	LF	8" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.46		19.10
		<i>For Seal Class B, Add</i>	4.78		
		<i>For Seal Class A, Add</i>	10.19		
		<i>For Work In Restricted Working Space, Add</i>	9.56		
23 31 13 13-0032	LF	8" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.11		21.02
		<i>For Seal Class B, Add</i>	5.25		
		<i>For Seal Class A, Add</i>	11.21		
		<i>For Work In Restricted Working Space, Add</i>	10.51		
23 31 13 13-0033	LF	8" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.74		22.92
		<i>For Seal Class B, Add</i>	5.73		
		<i>For Seal Class A, Add</i>	12.23		
		<i>For Work In Restricted Working Space, Add</i>	11.46		
23 31 13 13-0034	LF	8" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.41		24.84
		<i>For Seal Class B, Add</i>	6.21		
		<i>For Seal Class A, Add</i>	13.25		
		<i>For Work In Restricted Working Space, Add</i>	12.42		
23 31 13 13-0035	LF	8" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.04		26.75
		<i>For Seal Class B, Add</i>	6.69		
		<i>For Seal Class A, Add</i>	14.27		
		<i>For Work In Restricted Working Space, Add</i>	13.37		
23 31 13 13-0036	LF	8" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.69		28.66
		<i>For Seal Class B, Add</i>	7.16		
		<i>For Seal Class A, Add</i>	15.28		
		<i>For Work In Restricted Working Space, Add</i>	14.33		
23 31 13 13-0037	LF	8" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.32		30.57
		<i>For Seal Class B, Add</i>	7.64		
		<i>For Seal Class A, Add</i>	16.30		
		<i>For Work In Restricted Working Space, Add</i>	15.28		
23 31 13 13-0038	LF	10" x 10", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.46		19.10
		<i>For Seal Class B, Add</i>	4.78		
		<i>For Seal Class A, Add</i>	10.19		
		<i>For Work In Restricted Working Space, Add</i>	9.56		
23 31 13 13-0039	LF	10" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.11		21.02
		<i>For Seal Class B, Add</i>	5.25		
		<i>For Seal Class A, Add</i>	11.21		
		<i>For Work In Restricted Working Space, Add</i>	10.51		
23 31 13 13-0040	LF	10" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.74		22.92
		<i>For Seal Class B, Add</i>	5.73		
		<i>For Seal Class A, Add</i>	12.23		
		<i>For Work In Restricted Working Space, Add</i>	11.46		
23 31 13 13-0041	LF	10" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.41		24.84
		<i>For Seal Class B, Add</i>	6.21		
		<i>For Seal Class A, Add</i>	13.25		
		<i>For Work In Restricted Working Space, Add</i>	12.42		
23 31 13 13-0042	LF	10" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.04		26.75
		<i>For Seal Class B, Add</i>	6.69		
		<i>For Seal Class A, Add</i>	14.27		
		<i>For Work In Restricted Working Space, Add</i>	13.37		
23 31 13 13-0043	LF	10" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.69		28.66
		<i>For Seal Class B, Add</i>	7.16		
		<i>For Seal Class A, Add</i>	15.28		
		<i>For Work In Restricted Working Space, Add</i>	14.33		
23 31 13 13-0044	LF	10" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.32		30.57
		<i>For Seal Class B, Add</i>	7.64		
		<i>For Seal Class A, Add</i>	16.30		
		<i>For Work In Restricted Working Space, Add</i>	15.28		
23 31 13 13-0045	LF	10" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.99		32.47
		<i>For Seal Class B, Add</i>	8.12		
		<i>For Seal Class A, Add</i>	17.32		
		<i>For Work In Restricted Working Space, Add</i>	16.24		
23 31 13 13-0046	LF	12" x 12", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.74		22.92
		<i>For Seal Class B, Add</i>	5.73		
		<i>For Seal Class A, Add</i>	12.23		
		<i>For Work In Restricted Working Space, Add</i>	11.46		
23 31 13 13-0047	LF	12" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.41		24.84
		<i>For Seal Class B, Add</i>	6.21		
		<i>For Seal Class A, Add</i>	13.25		
		<i>For Work In Restricted Working Space, Add</i>	12.42		
23 31 13 13-0048	LF	12" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.04		26.75
		<i>For Seal Class B, Add</i>	6.69		
		<i>For Seal Class A, Add</i>	14.27		
		<i>For Work In Restricted Working Space, Add</i>	13.37		
23 31 13 13-0049	LF	12" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.69		28.66
		<i>For Seal Class B, Add</i>	7.16		
		<i>For Seal Class A, Add</i>	15.28		
		<i>For Work In Restricted Working Space, Add</i>	14.33		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0050 LF 12" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.32	30.57
<i>For Seal Class B, Add</i>	7.64	
<i>For Seal Class A, Add</i>	16.30	
<i>For Work In Restricted Working Space, Add</i>	15.28	
23 31 13 13-0051 LF 12" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.99	32.47
<i>For Seal Class B, Add</i>	8.12	
<i>For Seal Class A, Add</i>	17.32	
<i>For Work In Restricted Working Space, Add</i>	16.24	
23 31 13 13-0052 LF 12" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.63	34.39
<i>For Seal Class B, Add</i>	8.60	
<i>For Seal Class A, Add</i>	18.34	
<i>For Work In Restricted Working Space, Add</i>	17.20	
23 31 13 13-0053 LF 14" x 14", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	51.04	26.75
<i>For Seal Class B, Add</i>	6.69	
<i>For Seal Class A, Add</i>	14.27	
<i>For Work In Restricted Working Space, Add</i>	13.37	
23 31 13 13-0054 LF 14" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.69	28.66
<i>For Seal Class B, Add</i>	7.16	
<i>For Seal Class A, Add</i>	15.28	
<i>For Work In Restricted Working Space, Add</i>	14.33	
23 31 13 13-0055 LF 14" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.32	30.57
<i>For Seal Class B, Add</i>	7.64	
<i>For Seal Class A, Add</i>	16.30	
<i>For Work In Restricted Working Space, Add</i>	15.28	
23 31 13 13-0056 LF 14" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.99	32.47
<i>For Seal Class B, Add</i>	8.12	
<i>For Seal Class A, Add</i>	17.32	
<i>For Work In Restricted Working Space, Add</i>	16.24	
23 31 13 13-0057 LF 14" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.63	34.39
<i>For Seal Class B, Add</i>	8.60	
<i>For Seal Class A, Add</i>	18.34	
<i>For Work In Restricted Working Space, Add</i>	17.20	
23 31 13 13-0058 LF 14" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.28	36.30
<i>For Seal Class B, Add</i>	9.08	
<i>For Seal Class A, Add</i>	19.36	
<i>For Work In Restricted Working Space, Add</i>	18.15	
23 31 13 13-0059 LF 16" x 16", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	58.32	30.57
<i>For Seal Class B, Add</i>	7.64	
<i>For Seal Class A, Add</i>	16.30	
<i>For Work In Restricted Working Space, Add</i>	15.28	
23 31 13 13-0060 LF 16" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.99	32.47
<i>For Seal Class B, Add</i>	8.12	
<i>For Seal Class A, Add</i>	17.32	
<i>For Work In Restricted Working Space, Add</i>	16.24	
23 31 13 13-0061 LF 16" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.63	34.39
<i>For Seal Class B, Add</i>	8.60	
<i>For Seal Class A, Add</i>	18.34	
<i>For Work In Restricted Working Space, Add</i>	17.20	
23 31 13 13-0062 LF 16" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.28	36.30
<i>For Seal Class B, Add</i>	9.08	
<i>For Seal Class A, Add</i>	19.36	
<i>For Work In Restricted Working Space, Add</i>	18.15	
23 31 13 13-0063 LF 16" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.92	38.21
<i>For Seal Class B, Add</i>	9.55	
<i>For Seal Class A, Add</i>	20.38	
<i>For Work In Restricted Working Space, Add</i>	19.10	
23 31 13 13-0064 LF 18" x 18", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.63	34.39
<i>For Seal Class B, Add</i>	8.60	
<i>For Seal Class A, Add</i>	18.34	
<i>For Work In Restricted Working Space, Add</i>	17.20	
23 31 13 13-0065 LF 18" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.28	36.30
<i>For Seal Class B, Add</i>	9.08	
<i>For Seal Class A, Add</i>	19.36	
<i>For Work In Restricted Working Space, Add</i>	18.15	
23 31 13 13-0066 LF 18" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.92	38.21
<i>For Seal Class B, Add</i>	9.55	
<i>For Seal Class A, Add</i>	20.38	
<i>For Work In Restricted Working Space, Add</i>	19.10	
23 31 13 13-0067 LF 18" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.55	40.12
<i>For Seal Class B, Add</i>	10.03	
<i>For Seal Class A, Add</i>	21.40	
<i>For Work In Restricted Working Space, Add</i>	20.06	
23 31 13 13-0068 LF 20" x 20", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	72.92	38.21
<i>For Seal Class B, Add</i>	9.55	
<i>For Seal Class A, Add</i>	20.38	
<i>For Work In Restricted Working Space, Add</i>	19.10	
23 31 13 13-0069 LF 20" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.55	40.12
<i>For Seal Class B, Add</i>	10.03	
<i>For Seal Class A, Add</i>	21.40	
<i>For Work In Restricted Working Space, Add</i>	20.06	
23 31 13 13-0070 LF 20" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.20	42.03
<i>For Seal Class B, Add</i>	10.51	
<i>For Seal Class A, Add</i>	22.41	
<i>For Work In Restricted Working Space, Add</i>	21.01	
23 31 13 13-0071 LF 22" x 22", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.20	42.03
<i>For Seal Class B, Add</i>	10.51	
<i>For Seal Class A, Add</i>	22.41	
<i>For Work In Restricted Working Space, Add</i>	21.01	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0072	LF	22" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.84	43.94
			<i>For Seal Class B, Add</i>	10.98	
			<i>For Seal Class A, Add</i>	23.43	
			<i>For Work In Restricted Working Space, Add</i>	21.97	
23 31 13	13-0073	LF	24" x 24", 30 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	87.52	45.86
			<i>For Seal Class B, Add</i>	11.46	
			<i>For Seal Class A, Add</i>	24.46	
			<i>For Work In Restricted Working Space, Add</i>	22.93	
23 31 13	13-0074		28 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0074)</small>		
23 31 13	13-0075	LF	4" x 4", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	17.35	9.10
			<i>For Seal Class B, Add</i>	2.27	
			<i>For Seal Class A, Add</i>	4.85	
			<i>For Work In Restricted Working Space, Add</i>	4.55	
23 31 13	13-0076	LF	4" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	21.72	11.37
			<i>For Seal Class B, Add</i>	2.84	
			<i>For Seal Class A, Add</i>	6.07	
			<i>For Work In Restricted Working Space, Add</i>	5.69	
23 31 13	13-0077	LF	4" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	26.05	13.64
			<i>For Seal Class B, Add</i>	3.41	
			<i>For Seal Class A, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	6.83	
23 31 13	13-0078	LF	4" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.37	15.92
			<i>For Seal Class B, Add</i>	3.98	
			<i>For Seal Class A, Add</i>	8.49	
			<i>For Work In Restricted Working Space, Add</i>	7.96	
23 31 13	13-0079	LF	4" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.73	18.21
			<i>For Seal Class B, Add</i>	4.55	
			<i>For Seal Class A, Add</i>	9.71	
			<i>For Work In Restricted Working Space, Add</i>	9.10	
23 31 13	13-0080	LF	4" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.07	20.47
			<i>For Seal Class B, Add</i>	5.12	
			<i>For Seal Class A, Add</i>	10.92	
			<i>For Work In Restricted Working Space, Add</i>	10.24	
23 31 13	13-0081	LF	4" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.40	22.75
			<i>For Seal Class B, Add</i>	5.69	
			<i>For Seal Class A, Add</i>	12.13	
			<i>For Work In Restricted Working Space, Add</i>	11.37	
23 31 13	13-0082	LF	6" x 6", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	26.05	13.64
			<i>For Seal Class B, Add</i>	3.41	
			<i>For Seal Class A, Add</i>	7.28	
			<i>For Work In Restricted Working Space, Add</i>	6.83	
23 31 13	13-0083	LF	6" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.37	15.92
			<i>For Seal Class B, Add</i>	3.98	
			<i>For Seal Class A, Add</i>	8.49	
			<i>For Work In Restricted Working Space, Add</i>	7.96	
23 31 13	13-0084	LF	6" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.73	18.21
			<i>For Seal Class B, Add</i>	4.55	
			<i>For Seal Class A, Add</i>	9.71	
			<i>For Work In Restricted Working Space, Add</i>	9.10	
23 31 13	13-0085	LF	6" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.07	20.47
			<i>For Seal Class B, Add</i>	5.12	
			<i>For Seal Class A, Add</i>	10.92	
			<i>For Work In Restricted Working Space, Add</i>	10.24	
23 31 13	13-0086	LF	6" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.40	22.75
			<i>For Seal Class B, Add</i>	5.69	
			<i>For Seal Class A, Add</i>	12.13	
			<i>For Work In Restricted Working Space, Add</i>	11.37	
23 31 13	13-0087	LF	6" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.76	25.02
			<i>For Seal Class B, Add</i>	6.26	
			<i>For Seal Class A, Add</i>	13.35	
			<i>For Work In Restricted Working Space, Add</i>	12.51	
23 31 13	13-0088	LF	8" x 8", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	34.73	18.21
			<i>For Seal Class B, Add</i>	4.55	
			<i>For Seal Class A, Add</i>	9.71	
			<i>For Work In Restricted Working Space, Add</i>	9.10	
23 31 13	13-0089	LF	8" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.07	20.47
			<i>For Seal Class B, Add</i>	5.12	
			<i>For Seal Class A, Add</i>	10.92	
			<i>For Work In Restricted Working Space, Add</i>	10.24	
23 31 13	13-0090	LF	8" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.40	22.75
			<i>For Seal Class B, Add</i>	5.69	
			<i>For Seal Class A, Add</i>	12.13	
			<i>For Work In Restricted Working Space, Add</i>	11.37	
23 31 13	13-0091	LF	8" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.76	25.02
			<i>For Seal Class B, Add</i>	6.26	
			<i>For Seal Class A, Add</i>	13.35	
			<i>For Work In Restricted Working Space, Add</i>	12.51	
23 31 13	13-0092	LF	8" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.08	27.29
			<i>For Seal Class B, Add</i>	6.82	
			<i>For Seal Class A, Add</i>	14.56	
			<i>For Work In Restricted Working Space, Add</i>	13.65	
23 31 13	13-0093	LF	8" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.42	29.57
			<i>For Seal Class B, Add</i>	7.39	
			<i>For Seal Class A, Add</i>	15.77	
			<i>For Work In Restricted Working Space, Add</i>	14.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0094 LF 8" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.77	31.85
<i>For Seal Class B, Add</i>	7.96	
<i>For Seal Class A, Add</i>	16.98	
<i>For Work In Restricted Working Space, Add</i>	15.92	
23 31 13 13-0095 LF 8" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.10	34.12
<i>For Seal Class B, Add</i>	8.53	
<i>For Seal Class A, Add</i>	18.20	
<i>For Work In Restricted Working Space, Add</i>	17.06	
23 31 13 13-0096 LF 8" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.46	36.39
<i>For Seal Class B, Add</i>	9.10	
<i>For Seal Class A, Add</i>	19.41	
<i>For Work In Restricted Working Space, Add</i>	18.20	
23 31 13 13-0097 LF 10" x 10", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	43.40	22.75
<i>For Seal Class B, Add</i>	5.69	
<i>For Seal Class A, Add</i>	12.13	
<i>For Work In Restricted Working Space, Add</i>	11.37	
23 31 13 13-0098 LF 10" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.76	25.02
<i>For Seal Class B, Add</i>	6.26	
<i>For Seal Class A, Add</i>	13.35	
<i>For Work In Restricted Working Space, Add</i>	12.51	
23 31 13 13-0099 LF 10" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.08	27.29
<i>For Seal Class B, Add</i>	6.82	
<i>For Seal Class A, Add</i>	14.56	
<i>For Work In Restricted Working Space, Add</i>	13.65	
23 31 13 13-0100 LF 10" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.42	29.57
<i>For Seal Class B, Add</i>	7.39	
<i>For Seal Class A, Add</i>	15.77	
<i>For Work In Restricted Working Space, Add</i>	14.78	
23 31 13 13-0101 LF 10" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.77	31.85
<i>For Seal Class B, Add</i>	7.96	
<i>For Seal Class A, Add</i>	16.98	
<i>For Work In Restricted Working Space, Add</i>	15.92	
23 31 13 13-0102 LF 10" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.10	34.12
<i>For Seal Class B, Add</i>	8.53	
<i>For Seal Class A, Add</i>	18.20	
<i>For Work In Restricted Working Space, Add</i>	17.06	
23 31 13 13-0103 LF 10" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.46	36.39
<i>For Seal Class B, Add</i>	9.10	
<i>For Seal Class A, Add</i>	19.41	
<i>For Work In Restricted Working Space, Add</i>	18.20	
23 31 13 13-0104 LF 10" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	38.67
<i>For Seal Class B, Add</i>	9.67	
<i>For Seal Class A, Add</i>	20.63	
<i>For Work In Restricted Working Space, Add</i>	19.34	
23 31 13 13-0105 LF 12" x 12", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	52.08	27.29
<i>For Seal Class B, Add</i>	6.82	
<i>For Seal Class A, Add</i>	14.56	
<i>For Work In Restricted Working Space, Add</i>	13.65	
23 31 13 13-0106 LF 12" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	56.42	29.57
<i>For Seal Class B, Add</i>	7.39	
<i>For Seal Class A, Add</i>	15.77	
<i>For Work In Restricted Working Space, Add</i>	14.78	
23 31 13 13-0107 LF 12" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.77	31.85
<i>For Seal Class B, Add</i>	7.96	
<i>For Seal Class A, Add</i>	16.98	
<i>For Work In Restricted Working Space, Add</i>	15.92	
23 31 13 13-0108 LF 12" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.10	34.12
<i>For Seal Class B, Add</i>	8.53	
<i>For Seal Class A, Add</i>	18.20	
<i>For Work In Restricted Working Space, Add</i>	17.06	
23 31 13 13-0109 LF 12" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.46	36.39
<i>For Seal Class B, Add</i>	9.10	
<i>For Seal Class A, Add</i>	19.41	
<i>For Work In Restricted Working Space, Add</i>	18.20	
23 31 13 13-0110 LF 12" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	38.67
<i>For Seal Class B, Add</i>	9.67	
<i>For Seal Class A, Add</i>	20.63	
<i>For Work In Restricted Working Space, Add</i>	19.34	
23 31 13 13-0111 LF 12" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.13	40.93
<i>For Seal Class B, Add</i>	10.24	
<i>For Seal Class A, Add</i>	21.84	
<i>For Work In Restricted Working Space, Add</i>	20.47	
23 31 13 13-0112 LF 14" x 14", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.77	31.85
<i>For Seal Class B, Add</i>	7.96	
<i>For Seal Class A, Add</i>	16.98	
<i>For Work In Restricted Working Space, Add</i>	15.92	
23 31 13 13-0113 LF 14" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.10	34.12
<i>For Seal Class B, Add</i>	8.53	
<i>For Seal Class A, Add</i>	18.20	
<i>For Work In Restricted Working Space, Add</i>	17.06	
23 31 13 13-0114 LF 14" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.46	36.39
<i>For Seal Class B, Add</i>	9.10	
<i>For Seal Class A, Add</i>	19.41	
<i>For Work In Restricted Working Space, Add</i>	18.20	
23 31 13 13-0115 LF 14" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	38.67
<i>For Seal Class B, Add</i>	9.67	
<i>For Seal Class A, Add</i>	20.63	
<i>For Work In Restricted Working Space, Add</i>	19.34	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0116	LF	14" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.13	40.93
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.47	
23 31 13	13-0117	LF	14" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.49	43.22
			<i>For Seal Class B, Add</i>	10.80	
			<i>For Seal Class A, Add</i>	23.05	
			<i>For Work In Restricted Working Space, Add</i>	21.61	
23 31 13	13-0118	LF	16" x 16", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	69.46	36.39
			<i>For Seal Class B, Add</i>	9.10	
			<i>For Seal Class A, Add</i>	19.41	
			<i>For Work In Restricted Working Space, Add</i>	18.20	
23 31 13	13-0119	LF	16" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.81	38.67
			<i>For Seal Class B, Add</i>	9.67	
			<i>For Seal Class A, Add</i>	20.63	
			<i>For Work In Restricted Working Space, Add</i>	19.34	
23 31 13	13-0120	LF	16" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.13	40.93
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.47	
23 31 13	13-0121	LF	16" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.49	43.22
			<i>For Seal Class B, Add</i>	10.80	
			<i>For Seal Class A, Add</i>	23.05	
			<i>For Work In Restricted Working Space, Add</i>	21.61	
23 31 13	13-0122	LF	16" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	86.81	45.49
			<i>For Seal Class B, Add</i>	11.37	
			<i>For Seal Class A, Add</i>	24.26	
			<i>For Work In Restricted Working Space, Add</i>	22.74	
23 31 13	13-0123	LF	18" x 18", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.13	40.93
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.47	
23 31 13	13-0124	LF	18" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.49	43.22
			<i>For Seal Class B, Add</i>	10.80	
			<i>For Seal Class A, Add</i>	23.05	
			<i>For Work In Restricted Working Space, Add</i>	21.61	
23 31 13	13-0125	LF	18" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	86.81	45.49
			<i>For Seal Class B, Add</i>	11.37	
			<i>For Seal Class A, Add</i>	24.26	
			<i>For Work In Restricted Working Space, Add</i>	22.74	
23 31 13	13-0126	LF	18" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.15	47.77
			<i>For Seal Class B, Add</i>	11.94	
			<i>For Seal Class A, Add</i>	25.48	
			<i>For Work In Restricted Working Space, Add</i>	23.88	
23 31 13	13-0127	LF	20" x 20", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	86.81	45.49
			<i>For Seal Class B, Add</i>	11.37	
			<i>For Seal Class A, Add</i>	24.26	
			<i>For Work In Restricted Working Space, Add</i>	22.74	
23 31 13	13-0128	LF	20" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.15	47.77
			<i>For Seal Class B, Add</i>	11.94	
			<i>For Seal Class A, Add</i>	25.48	
			<i>For Work In Restricted Working Space, Add</i>	23.88	
23 31 13	13-0129	LF	20" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.50	50.04
			<i>For Seal Class B, Add</i>	12.51	
			<i>For Seal Class A, Add</i>	26.69	
			<i>For Work In Restricted Working Space, Add</i>	25.02	
23 31 13	13-0130	LF	22" x 22", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.50	50.04
			<i>For Seal Class B, Add</i>	12.51	
			<i>For Seal Class A, Add</i>	26.69	
			<i>For Work In Restricted Working Space, Add</i>	25.02	
23 31 13	13-0131	LF	22" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.83	52.31
			<i>For Seal Class B, Add</i>	13.08	
			<i>For Seal Class A, Add</i>	27.90	
			<i>For Work In Restricted Working Space, Add</i>	26.15	
23 31 13	13-0132	LF	24" x 24", 28 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	104.18	54.60
			<i>For Seal Class B, Add</i>	13.65	
			<i>For Seal Class A, Add</i>	29.12	
			<i>For Work In Restricted Working Space, Add</i>	27.30	
23 31 13	13-0133		26 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13	13-0134	LF	4" x 4", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	20.14	10.55
			<i>For Seal Class B, Add</i>	2.64	
			<i>For Seal Class A, Add</i>	5.63	
			<i>For Work In Restricted Working Space, Add</i>	5.28	
23 31 13	13-0135	LF	4" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	25.18	13.19
			<i>For Seal Class B, Add</i>	3.30	
			<i>For Seal Class A, Add</i>	7.04	
			<i>For Work In Restricted Working Space, Add</i>	6.60	
23 31 13	13-0136	LF	4" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.21	15.84
			<i>For Seal Class B, Add</i>	3.96	
			<i>For Seal Class A, Add</i>	8.44	
			<i>For Work In Restricted Working Space, Add</i>	7.91	
23 31 13	13-0137	LF	4" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.24	18.48
			<i>For Seal Class B, Add</i>	4.62	
			<i>For Seal Class A, Add</i>	9.85	
			<i>For Work In Restricted Working Space, Add</i>	9.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0138 LF 4" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.28	21.12
<i>For Seal Class B, Add</i>	5.28	
<i>For Seal Class A, Add</i>	11.26	
<i>For Work In Restricted Working Space, Add</i>	10.55	
23 31 13 13-0139 LF 4" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.31	23.75
<i>For Seal Class B, Add</i>	5.94	
<i>For Seal Class A, Add</i>	12.66	
<i>For Work In Restricted Working Space, Add</i>	11.87	
23 31 13 13-0140 LF 4" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.35	26.38
<i>For Seal Class B, Add</i>	6.60	
<i>For Seal Class A, Add</i>	14.07	
<i>For Work In Restricted Working Space, Add</i>	13.19	
23 31 13 13-0141 LF 6" x 6", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.21	15.84
<i>For Seal Class B, Add</i>	3.96	
<i>For Seal Class A, Add</i>	8.44	
<i>For Work In Restricted Working Space, Add</i>	7.91	
23 31 13 13-0142 LF 6" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	35.24	18.48
<i>For Seal Class B, Add</i>	4.62	
<i>For Seal Class A, Add</i>	9.85	
<i>For Work In Restricted Working Space, Add</i>	9.23	
23 31 13 13-0143 LF 6" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.28	21.12
<i>For Seal Class B, Add</i>	5.28	
<i>For Seal Class A, Add</i>	11.26	
<i>For Work In Restricted Working Space, Add</i>	10.55	
23 31 13 13-0144 LF 6" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.31	23.75
<i>For Seal Class B, Add</i>	5.94	
<i>For Seal Class A, Add</i>	12.66	
<i>For Work In Restricted Working Space, Add</i>	11.87	
23 31 13 13-0145 LF 6" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.35	26.38
<i>For Seal Class B, Add</i>	6.60	
<i>For Seal Class A, Add</i>	14.07	
<i>For Work In Restricted Working Space, Add</i>	13.19	
23 31 13 13-0146 LF 6" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.39	29.02
<i>For Seal Class B, Add</i>	7.26	
<i>For Seal Class A, Add</i>	15.48	
<i>For Work In Restricted Working Space, Add</i>	14.51	
23 31 13 13-0147 LF 8" x 8", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	40.28	21.12
<i>For Seal Class B, Add</i>	5.28	
<i>For Seal Class A, Add</i>	11.26	
<i>For Work In Restricted Working Space, Add</i>	10.55	
23 31 13 13-0148 LF 8" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.31	23.75
<i>For Seal Class B, Add</i>	5.94	
<i>For Seal Class A, Add</i>	12.66	
<i>For Work In Restricted Working Space, Add</i>	11.87	
23 31 13 13-0149 LF 8" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.36	26.38
<i>For Seal Class B, Add</i>	6.60	
<i>For Seal Class A, Add</i>	14.07	
<i>For Work In Restricted Working Space, Add</i>	13.19	
23 31 13 13-0150 LF 8" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.39	29.02
<i>For Seal Class B, Add</i>	7.26	
<i>For Seal Class A, Add</i>	15.48	
<i>For Work In Restricted Working Space, Add</i>	14.51	
23 31 13 13-0151 LF 8" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.44	31.66
<i>For Seal Class B, Add</i>	7.92	
<i>For Seal Class A, Add</i>	16.89	
<i>For Work In Restricted Working Space, Add</i>	15.83	
23 31 13 13-0152 LF 8" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.47	34.30
<i>For Seal Class B, Add</i>	8.58	
<i>For Seal Class A, Add</i>	18.30	
<i>For Work In Restricted Working Space, Add</i>	17.15	
23 31 13 13-0153 LF 8" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.49	36.94
<i>For Seal Class B, Add</i>	9.24	
<i>For Seal Class A, Add</i>	19.70	
<i>For Work In Restricted Working Space, Add</i>	18.47	
23 31 13 13-0154 LF 8" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.55	39.57
<i>For Seal Class B, Add</i>	9.90	
<i>For Seal Class A, Add</i>	21.11	
<i>For Work In Restricted Working Space, Add</i>	19.79	
23 31 13 13-0155 LF 8" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.57	42.21
<i>For Seal Class B, Add</i>	10.55	
<i>For Seal Class A, Add</i>	22.52	
<i>For Work In Restricted Working Space, Add</i>	21.11	
23 31 13 13-0156 LF 10" x 10", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	50.36	26.38
<i>For Seal Class B, Add</i>	6.60	
<i>For Seal Class A, Add</i>	14.07	
<i>For Work In Restricted Working Space, Add</i>	13.19	
23 31 13 13-0157 LF 10" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.39	29.02
<i>For Seal Class B, Add</i>	7.26	
<i>For Seal Class A, Add</i>	15.48	
<i>For Work In Restricted Working Space, Add</i>	14.51	
23 31 13 13-0158 LF 10" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.44	31.66
<i>For Seal Class B, Add</i>	7.92	
<i>For Seal Class A, Add</i>	16.89	
<i>For Work In Restricted Working Space, Add</i>	15.83	
23 31 13 13-0159 LF 10" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.47	34.30
<i>For Seal Class B, Add</i>	8.58	
<i>For Seal Class A, Add</i>	18.30	
<i>For Work In Restricted Working Space, Add</i>	17.15	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0160	LF	10" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.49	36.94
			<i>For Seal Class B, Add</i>	9.24	
			<i>For Seal Class A, Add</i>	19.70	
			<i>For Work In Restricted Working Space, Add</i>	18.47	
23 31 13	13-0161	LF	10" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.55	39.57
			<i>For Seal Class B, Add</i>	9.90	
			<i>For Seal Class A, Add</i>	21.11	
			<i>For Work In Restricted Working Space, Add</i>	19.79	
23 31 13	13-0162	LF	10" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.57	42.21
			<i>For Seal Class B, Add</i>	10.55	
			<i>For Seal Class A, Add</i>	22.52	
			<i>For Work In Restricted Working Space, Add</i>	21.11	
23 31 13	13-0163	LF	10" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.61	44.86
			<i>For Seal Class B, Add</i>	11.22	
			<i>For Seal Class A, Add</i>	23.93	
			<i>For Work In Restricted Working Space, Add</i>	22.43	
23 31 13	13-0164	LF	12" x 12", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	60.43	31.66
			<i>For Seal Class B, Add</i>	7.92	
			<i>For Seal Class A, Add</i>	16.89	
			<i>For Work In Restricted Working Space, Add</i>	15.83	
23 31 13	13-0165	LF	12" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	65.47	34.30
			<i>For Seal Class B, Add</i>	8.58	
			<i>For Seal Class A, Add</i>	18.30	
			<i>For Work In Restricted Working Space, Add</i>	17.15	
23 31 13	13-0166	LF	12" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.49	36.94
			<i>For Seal Class B, Add</i>	9.24	
			<i>For Seal Class A, Add</i>	19.70	
			<i>For Work In Restricted Working Space, Add</i>	18.47	
23 31 13	13-0167	LF	12" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.55	39.57
			<i>For Seal Class B, Add</i>	9.90	
			<i>For Seal Class A, Add</i>	21.11	
			<i>For Work In Restricted Working Space, Add</i>	19.79	
23 31 13	13-0168	LF	12" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.57	42.21
			<i>For Seal Class B, Add</i>	10.55	
			<i>For Seal Class A, Add</i>	22.52	
			<i>For Work In Restricted Working Space, Add</i>	21.11	
23 31 13	13-0169	LF	12" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.61	44.86
			<i>For Seal Class B, Add</i>	11.22	
			<i>For Seal Class A, Add</i>	23.93	
			<i>For Work In Restricted Working Space, Add</i>	22.43	
23 31 13	13-0170	LF	12" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.63	47.50
			<i>For Seal Class B, Add</i>	11.87	
			<i>For Seal Class A, Add</i>	25.33	
			<i>For Work In Restricted Working Space, Add</i>	23.75	
23 31 13	13-0171	LF	14" x 14", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.49	36.94
			<i>For Seal Class B, Add</i>	9.24	
			<i>For Seal Class A, Add</i>	19.70	
			<i>For Work In Restricted Working Space, Add</i>	18.47	
23 31 13	13-0172	LF	14" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	75.55	39.57
			<i>For Seal Class B, Add</i>	9.90	
			<i>For Seal Class A, Add</i>	21.11	
			<i>For Work In Restricted Working Space, Add</i>	19.79	
23 31 13	13-0173	LF	14" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.57	42.21
			<i>For Seal Class B, Add</i>	10.55	
			<i>For Seal Class A, Add</i>	22.52	
			<i>For Work In Restricted Working Space, Add</i>	21.11	
23 31 13	13-0174	LF	14" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.61	44.86
			<i>For Seal Class B, Add</i>	11.22	
			<i>For Seal Class A, Add</i>	23.93	
			<i>For Work In Restricted Working Space, Add</i>	22.43	
23 31 13	13-0175	LF	14" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.63	47.50
			<i>For Seal Class B, Add</i>	11.87	
			<i>For Seal Class A, Add</i>	25.33	
			<i>For Work In Restricted Working Space, Add</i>	23.75	
23 31 13	13-0176	LF	14" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.69	50.14
			<i>For Seal Class B, Add</i>	12.53	
			<i>For Seal Class A, Add</i>	26.74	
			<i>For Work In Restricted Working Space, Add</i>	25.07	
23 31 13	13-0177	LF	16" x 16", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	80.57	42.21
			<i>For Seal Class B, Add</i>	10.55	
			<i>For Seal Class A, Add</i>	22.52	
			<i>For Work In Restricted Working Space, Add</i>	21.11	
23 31 13	13-0178	LF	16" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.61	44.86
			<i>For Seal Class B, Add</i>	11.22	
			<i>For Seal Class A, Add</i>	23.93	
			<i>For Work In Restricted Working Space, Add</i>	22.43	
23 31 13	13-0179	LF	16" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.63	47.50
			<i>For Seal Class B, Add</i>	11.87	
			<i>For Seal Class A, Add</i>	25.33	
			<i>For Work In Restricted Working Space, Add</i>	23.75	
23 31 13	13-0180	LF	16" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.69	50.14
			<i>For Seal Class B, Add</i>	12.53	
			<i>For Seal Class A, Add</i>	26.74	
			<i>For Work In Restricted Working Space, Add</i>	25.07	
23 31 13	13-0181	LF	16" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	100.72	52.78
			<i>For Seal Class B, Add</i>	13.19	
			<i>For Seal Class A, Add</i>	28.15	
			<i>For Work In Restricted Working Space, Add</i>	26.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0182 LF 18" x 18", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	90.63	47.50
<i>For Seal Class B, Add</i>	11.87	
<i>For Seal Class A, Add</i>	25.33	
<i>For Work In Restricted Working Space, Add</i>	23.75	
23 31 13 13-0183 LF 18" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.69	50.14
<i>For Seal Class B, Add</i>	12.53	
<i>For Seal Class A, Add</i>	26.74	
<i>For Work In Restricted Working Space, Add</i>	25.07	
23 31 13 13-0184 LF 18" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	100.72	52.78
<i>For Seal Class B, Add</i>	13.19	
<i>For Seal Class A, Add</i>	28.15	
<i>For Work In Restricted Working Space, Add</i>	26.39	
23 31 13 13-0185 LF 18" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.74	55.41
<i>For Seal Class B, Add</i>	13.85	
<i>For Seal Class A, Add</i>	29.55	
<i>For Work In Restricted Working Space, Add</i>	27.71	
23 31 13 13-0186 LF 20" x 20", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	100.72	52.78
<i>For Seal Class B, Add</i>	13.19	
<i>For Seal Class A, Add</i>	28.15	
<i>For Work In Restricted Working Space, Add</i>	26.39	
23 31 13 13-0187 LF 20" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	105.74	55.41
<i>For Seal Class B, Add</i>	13.85	
<i>For Seal Class A, Add</i>	29.55	
<i>For Work In Restricted Working Space, Add</i>	27.71	
23 31 13 13-0188 LF 20" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	110.77	58.05
<i>For Seal Class B, Add</i>	14.51	
<i>For Seal Class A, Add</i>	30.96	
<i>For Work In Restricted Working Space, Add</i>	29.03	
23 31 13 13-0189 LF 22" x 22", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	110.77	58.05
<i>For Seal Class B, Add</i>	14.51	
<i>For Seal Class A, Add</i>	30.96	
<i>For Work In Restricted Working Space, Add</i>	29.03	
23 31 13 13-0190 LF 22" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	115.82	60.69
<i>For Seal Class B, Add</i>	15.17	
<i>For Seal Class A, Add</i>	32.36	
<i>For Work In Restricted Working Space, Add</i>	30.34	
23 31 13 13-0191 LF 24" x 24", 26 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	120.86	63.33
<i>For Seal Class B, Add</i>	15.83	
<i>For Seal Class A, Add</i>	33.78	
<i>For Work In Restricted Working Space, Add</i>	31.67	
23 31 13 13-0192 24 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0193 LF 4" x 4", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	30.55	16.38
<i>For Seal Class B, Add</i>	4.10	
<i>For Seal Class A, Add</i>	8.74	
<i>For Work In Restricted Working Space, Add</i>	8.19	
23 31 13 13-0194 LF 4" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	38.20	20.47
<i>For Seal Class B, Add</i>	5.12	
<i>For Seal Class A, Add</i>	10.92	
<i>For Work In Restricted Working Space, Add</i>	10.24	
23 31 13 13-0195 LF 4" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.83	24.57
<i>For Seal Class B, Add</i>	6.14	
<i>For Seal Class A, Add</i>	13.10	
<i>For Work In Restricted Working Space, Add</i>	12.29	
23 31 13 13-0196 LF 4" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.47	28.67
<i>For Seal Class B, Add</i>	7.17	
<i>For Seal Class A, Add</i>	15.29	
<i>For Work In Restricted Working Space, Add</i>	14.33	
23 31 13 13-0197 LF 4" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.11	32.77
<i>For Seal Class B, Add</i>	8.19	
<i>For Seal Class A, Add</i>	17.47	
<i>For Work In Restricted Working Space, Add</i>	16.38	
23 31 13 13-0198 LF 4" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.74	36.86
<i>For Seal Class B, Add</i>	9.21	
<i>For Seal Class A, Add</i>	19.65	
<i>For Work In Restricted Working Space, Add</i>	18.43	
23 31 13 13-0199 LF 4" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.39	40.95
<i>For Seal Class B, Add</i>	10.24	
<i>For Seal Class A, Add</i>	21.84	
<i>For Work In Restricted Working Space, Add</i>	20.48	
23 31 13 13-0200 LF 6" x 6", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	45.83	24.57
<i>For Seal Class B, Add</i>	6.14	
<i>For Seal Class A, Add</i>	13.10	
<i>For Work In Restricted Working Space, Add</i>	12.29	
23 31 13 13-0201 LF 6" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	53.47	28.67
<i>For Seal Class B, Add</i>	7.17	
<i>For Seal Class A, Add</i>	15.29	
<i>For Work In Restricted Working Space, Add</i>	14.33	
23 31 13 13-0202 LF 6" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.11	32.77
<i>For Seal Class B, Add</i>	8.19	
<i>For Seal Class A, Add</i>	17.47	
<i>For Work In Restricted Working Space, Add</i>	16.38	
23 31 13 13-0203 LF 6" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.74	36.86
<i>For Seal Class B, Add</i>	9.21	
<i>For Seal Class A, Add</i>	19.65	
<i>For Work In Restricted Working Space, Add</i>	18.43	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0204	LF	6" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.39	40.95
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.48	
23 31 13	13-0205	LF	6" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.03	45.05
			<i>For Seal Class B, Add</i>	11.26	
			<i>For Seal Class A, Add</i>	24.03	
			<i>For Work In Restricted Working Space, Add</i>	22.52	
23 31 13	13-0206	LF	8" x 8", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	61.11	32.77
			<i>For Seal Class B, Add</i>	8.19	
			<i>For Seal Class A, Add</i>	17.47	
			<i>For Work In Restricted Working Space, Add</i>	16.38	
23 31 13	13-0207	LF	8" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	68.74	36.86
			<i>For Seal Class B, Add</i>	9.21	
			<i>For Seal Class A, Add</i>	19.65	
			<i>For Work In Restricted Working Space, Add</i>	18.43	
23 31 13	13-0208	LF	8" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.39	40.95
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.48	
23 31 13	13-0209	LF	8" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.03	45.05
			<i>For Seal Class B, Add</i>	11.26	
			<i>For Seal Class A, Add</i>	24.03	
			<i>For Work In Restricted Working Space, Add</i>	22.52	
23 31 13	13-0210	LF	8" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.66	49.13
			<i>For Seal Class B, Add</i>	12.29	
			<i>For Seal Class A, Add</i>	26.21	
			<i>For Work In Restricted Working Space, Add</i>	24.57	
23 31 13	13-0211	LF	8" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.30	53.23
			<i>For Seal Class B, Add</i>	13.31	
			<i>For Seal Class A, Add</i>	28.39	
			<i>For Work In Restricted Working Space, Add</i>	26.62	
23 31 13	13-0212	LF	8" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.93	57.33
			<i>For Seal Class B, Add</i>	14.33	
			<i>For Seal Class A, Add</i>	30.57	
			<i>For Work In Restricted Working Space, Add</i>	28.66	
23 31 13	13-0213	LF	8" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.58	61.42
			<i>For Seal Class B, Add</i>	15.36	
			<i>For Seal Class A, Add</i>	32.76	
			<i>For Work In Restricted Working Space, Add</i>	30.71	
23 31 13	13-0214	LF	8" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.21	65.51
			<i>For Seal Class B, Add</i>	16.38	
			<i>For Seal Class A, Add</i>	34.94	
			<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31 13	13-0215	LF	10" x 10", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	76.39	40.95
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.48	
23 31 13	13-0216	LF	10" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	84.03	45.05
			<i>For Seal Class B, Add</i>	11.26	
			<i>For Seal Class A, Add</i>	24.03	
			<i>For Work In Restricted Working Space, Add</i>	22.52	
23 31 13	13-0217	LF	10" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.66	49.13
			<i>For Seal Class B, Add</i>	12.29	
			<i>For Seal Class A, Add</i>	26.21	
			<i>For Work In Restricted Working Space, Add</i>	24.57	
23 31 13	13-0218	LF	10" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.30	53.23
			<i>For Seal Class B, Add</i>	13.31	
			<i>For Seal Class A, Add</i>	28.39	
			<i>For Work In Restricted Working Space, Add</i>	26.62	
23 31 13	13-0219	LF	10" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.93	57.33
			<i>For Seal Class B, Add</i>	14.33	
			<i>For Seal Class A, Add</i>	30.57	
			<i>For Work In Restricted Working Space, Add</i>	28.66	
23 31 13	13-0220	LF	10" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.58	61.42
			<i>For Seal Class B, Add</i>	15.36	
			<i>For Seal Class A, Add</i>	32.76	
			<i>For Work In Restricted Working Space, Add</i>	30.71	
23 31 13	13-0221	LF	10" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.21	65.51
			<i>For Seal Class B, Add</i>	16.38	
			<i>For Seal Class A, Add</i>	34.94	
			<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31 13	13-0222	LF	10" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.85	69.61
			<i>For Seal Class B, Add</i>	17.40	
			<i>For Seal Class A, Add</i>	37.13	
			<i>For Work In Restricted Working Space, Add</i>	34.81	
23 31 13	13-0223	LF	10" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.50	73.70
			<i>For Seal Class B, Add</i>	18.43	
			<i>For Seal Class A, Add</i>	39.31	
			<i>For Work In Restricted Working Space, Add</i>	36.86	
23 31 13	13-0224	LF	10" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.13	77.80
			<i>For Seal Class B, Add</i>	19.45	
			<i>For Seal Class A, Add</i>	41.49	
			<i>For Work In Restricted Working Space, Add</i>	38.90	
23 31 13	13-0225	LF	10" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.76	81.90
			<i>For Seal Class B, Add</i>	20.47	
			<i>For Seal Class A, Add</i>	43.68	
			<i>For Work In Restricted Working Space, Add</i>	40.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0226 LF 12" x 12", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	91.66	49.13
<i>For Seal Class B, Add</i>	12.29	
<i>For Seal Class A, Add</i>	26.21	
<i>For Work In Restricted Working Space, Add</i>	24.57	
23 31 13 13-0227 LF 12" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	99.30	53.23
<i>For Seal Class B, Add</i>	13.31	
<i>For Seal Class A, Add</i>	28.39	
<i>For Work In Restricted Working Space, Add</i>	26.62	
23 31 13 13-0228 LF 12" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.93	57.33
<i>For Seal Class B, Add</i>	14.33	
<i>For Seal Class A, Add</i>	30.57	
<i>For Work In Restricted Working Space, Add</i>	28.66	
23 31 13 13-0229 LF 12" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.58	61.42
<i>For Seal Class B, Add</i>	15.36	
<i>For Seal Class A, Add</i>	32.76	
<i>For Work In Restricted Working Space, Add</i>	30.71	
23 31 13 13-0230 LF 12" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.21	65.51
<i>For Seal Class B, Add</i>	16.38	
<i>For Seal Class A, Add</i>	34.94	
<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31 13 13-0231 LF 12" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.85	69.61
<i>For Seal Class B, Add</i>	17.40	
<i>For Seal Class A, Add</i>	37.13	
<i>For Work In Restricted Working Space, Add</i>	34.81	
23 31 13 13-0232 LF 12" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.50	73.70
<i>For Seal Class B, Add</i>	18.43	
<i>For Seal Class A, Add</i>	39.31	
<i>For Work In Restricted Working Space, Add</i>	36.86	
23 31 13 13-0233 LF 12" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.13	77.80
<i>For Seal Class B, Add</i>	19.45	
<i>For Seal Class A, Add</i>	41.49	
<i>For Work In Restricted Working Space, Add</i>	38.90	
23 31 13 13-0234 LF 12" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.76	81.90
<i>For Seal Class B, Add</i>	20.47	
<i>For Seal Class A, Add</i>	43.68	
<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31 13 13-0235 LF 12" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.40	86.00
<i>For Seal Class B, Add</i>	21.50	
<i>For Seal Class A, Add</i>	45.86	
<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31 13 13-0236 LF 14" x 14", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	106.93	57.33
<i>For Seal Class B, Add</i>	14.33	
<i>For Seal Class A, Add</i>	30.57	
<i>For Work In Restricted Working Space, Add</i>	28.66	
23 31 13 13-0237 LF 14" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	114.58	61.42
<i>For Seal Class B, Add</i>	15.36	
<i>For Seal Class A, Add</i>	32.76	
<i>For Work In Restricted Working Space, Add</i>	30.71	
23 31 13 13-0238 LF 14" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.21	65.51
<i>For Seal Class B, Add</i>	16.38	
<i>For Seal Class A, Add</i>	34.94	
<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31 13 13-0239 LF 14" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.85	69.61
<i>For Seal Class B, Add</i>	17.40	
<i>For Seal Class A, Add</i>	37.13	
<i>For Work In Restricted Working Space, Add</i>	34.81	
23 31 13 13-0240 LF 14" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.50	73.70
<i>For Seal Class B, Add</i>	18.43	
<i>For Seal Class A, Add</i>	39.31	
<i>For Work In Restricted Working Space, Add</i>	36.86	
23 31 13 13-0241 LF 14" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.13	77.80
<i>For Seal Class B, Add</i>	19.45	
<i>For Seal Class A, Add</i>	41.49	
<i>For Work In Restricted Working Space, Add</i>	38.90	
23 31 13 13-0242 LF 14" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.76	81.90
<i>For Seal Class B, Add</i>	20.47	
<i>For Seal Class A, Add</i>	43.68	
<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31 13 13-0243 LF 14" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.40	86.00
<i>For Seal Class B, Add</i>	21.50	
<i>For Seal Class A, Add</i>	45.86	
<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31 13 13-0244 LF 14" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.04	90.08
<i>For Seal Class B, Add</i>	22.52	
<i>For Seal Class A, Add</i>	48.04	
<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13 13-0245 LF 16" x 16", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	122.21	65.51
<i>For Seal Class B, Add</i>	16.38	
<i>For Seal Class A, Add</i>	34.94	
<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31 13 13-0246 LF 16" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	129.85	69.61
<i>For Seal Class B, Add</i>	17.40	
<i>For Seal Class A, Add</i>	37.13	
<i>For Work In Restricted Working Space, Add</i>	34.81	
23 31 13 13-0247 LF 16" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.50	73.70
<i>For Seal Class B, Add</i>	18.43	
<i>For Seal Class A, Add</i>	39.31	
<i>For Work In Restricted Working Space, Add</i>	36.86	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0248	LF	16" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.13	77.80
			<i>For Seal Class B, Add</i>	19.45	
			<i>For Seal Class A, Add</i>	41.49	
			<i>For Work In Restricted Working Space, Add</i>	38.90	
23 31 13	13-0249	LF	16" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.76	81.90
			<i>For Seal Class B, Add</i>	20.47	
			<i>For Seal Class A, Add</i>	43.68	
			<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31 13	13-0250	LF	16" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.40	86.00
			<i>For Seal Class B, Add</i>	21.50	
			<i>For Seal Class A, Add</i>	45.86	
			<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31 13	13-0251	LF	16" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.04	90.08
			<i>For Seal Class B, Add</i>	22.52	
			<i>For Seal Class A, Add</i>	48.04	
			<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13	13-0252	LF	16" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.69	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13	13-0253	LF	18" x 18", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	137.50	73.70
			<i>For Seal Class B, Add</i>	18.43	
			<i>For Seal Class A, Add</i>	39.31	
			<i>For Work In Restricted Working Space, Add</i>	36.86	
23 31 13	13-0254	LF	18" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	145.13	77.80
			<i>For Seal Class B, Add</i>	19.45	
			<i>For Seal Class A, Add</i>	41.49	
			<i>For Work In Restricted Working Space, Add</i>	38.90	
23 31 13	13-0255	LF	18" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.76	81.90
			<i>For Seal Class B, Add</i>	20.47	
			<i>For Seal Class A, Add</i>	43.68	
			<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31 13	13-0256	LF	18" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.40	86.00
			<i>For Seal Class B, Add</i>	21.50	
			<i>For Seal Class A, Add</i>	45.86	
			<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31 13	13-0257	LF	18" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.04	90.08
			<i>For Seal Class B, Add</i>	22.52	
			<i>For Seal Class A, Add</i>	48.04	
			<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13	13-0258	LF	18" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.69	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13	13-0259	LF	18" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.32	98.28
			<i>For Seal Class B, Add</i>	24.57	
			<i>For Seal Class A, Add</i>	52.41	
			<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31 13	13-0260	LF	20" x 20", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	152.76	81.90
			<i>For Seal Class B, Add</i>	20.47	
			<i>For Seal Class A, Add</i>	43.68	
			<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31 13	13-0261	LF	20" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	160.40	86.00
			<i>For Seal Class B, Add</i>	21.50	
			<i>For Seal Class A, Add</i>	45.86	
			<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31 13	13-0262	LF	20" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.04	90.08
			<i>For Seal Class B, Add</i>	22.52	
			<i>For Seal Class A, Add</i>	48.04	
			<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13	13-0263	LF	20" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.69	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13	13-0264	LF	20" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.32	98.28
			<i>For Seal Class B, Add</i>	24.57	
			<i>For Seal Class A, Add</i>	52.41	
			<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31 13	13-0265	LF	20" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.96	102.37
			<i>For Seal Class B, Add</i>	25.59	
			<i>For Seal Class A, Add</i>	54.60	
			<i>For Work In Restricted Working Space, Add</i>	51.19	
23 31 13	13-0266	LF	22" x 22", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	168.04	90.08
			<i>For Seal Class B, Add</i>	22.52	
			<i>For Seal Class A, Add</i>	48.04	
			<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13	13-0267	LF	22" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	175.69	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13	13-0268	LF	22" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.32	98.28
			<i>For Seal Class B, Add</i>	24.57	
			<i>For Seal Class A, Add</i>	52.41	
			<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31 13	13-0269	LF	22" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.96	102.37
			<i>For Seal Class B, Add</i>	25.59	
			<i>For Seal Class A, Add</i>	54.60	
			<i>For Work In Restricted Working Space, Add</i>	51.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0270 LF 22" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.61	106.47
For Seal Class B, Add	26.62	
For Seal Class A, Add	56.78	
For Work In Restricted Working Space, Add	53.24	
23 31 13 13-0271 LF 24" x 24", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	183.32	98.28
For Seal Class B, Add	24.57	
For Seal Class A, Add	52.41	
For Work In Restricted Working Space, Add	49.14	
23 31 13 13-0272 LF 24" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	190.96	102.37
For Seal Class B, Add	25.59	
For Seal Class A, Add	54.60	
For Work In Restricted Working Space, Add	51.19	
23 31 13 13-0273 LF 24" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.61	106.47
For Seal Class B, Add	26.62	
For Seal Class A, Add	56.78	
For Work In Restricted Working Space, Add	53.24	
23 31 13 13-0274 LF 24" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.24	110.57
For Seal Class B, Add	27.64	
For Seal Class A, Add	58.97	
For Work In Restricted Working Space, Add	55.28	
23 31 13 13-0275 LF 26" x 26", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	198.61	106.47
For Seal Class B, Add	26.62	
For Seal Class A, Add	56.78	
For Work In Restricted Working Space, Add	53.24	
23 31 13 13-0276 LF 26" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	206.24	110.57
For Seal Class B, Add	27.64	
For Seal Class A, Add	58.97	
For Work In Restricted Working Space, Add	55.28	
23 31 13 13-0277 LF 26" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.87	114.65
For Seal Class B, Add	28.66	
For Seal Class A, Add	61.15	
For Work In Restricted Working Space, Add	57.33	
23 31 13 13-0278 LF 28" x 28", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	213.87	114.65
For Seal Class B, Add	28.66	
For Seal Class A, Add	61.15	
For Work In Restricted Working Space, Add	57.33	
23 31 13 13-0279 LF 28" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	221.51	118.75
For Seal Class B, Add	29.69	
For Seal Class A, Add	63.33	
For Work In Restricted Working Space, Add	59.37	
23 31 13 13-0280 LF 30" x 30", 24 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	229.16	122.85
For Seal Class B, Add	30.71	
For Seal Class A, Add	65.52	
For Work In Restricted Working Space, Add	61.43	
23 31 13 13-0281 22 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0282 LF 4" x 4", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	31.26	16.38
For Seal Class B, Add	4.10	
For Seal Class A, Add	8.74	
For Work In Restricted Working Space, Add	8.19	
23 31 13 13-0283 LF 4" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	39.08	20.47
For Seal Class B, Add	5.12	
For Seal Class A, Add	10.92	
For Work In Restricted Working Space, Add	10.24	
23 31 13 13-0284 LF 4" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.89	24.57
For Seal Class B, Add	6.14	
For Seal Class A, Add	13.10	
For Work In Restricted Working Space, Add	12.29	
23 31 13 13-0285 LF 4" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.70	28.67
For Seal Class B, Add	7.17	
For Seal Class A, Add	15.29	
For Work In Restricted Working Space, Add	14.33	
23 31 13 13-0286 LF 4" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.52	32.77
For Seal Class B, Add	8.19	
For Seal Class A, Add	17.47	
For Work In Restricted Working Space, Add	16.38	
23 31 13 13-0287 LF 4" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.33	36.86
For Seal Class B, Add	9.21	
For Seal Class A, Add	19.65	
For Work In Restricted Working Space, Add	18.43	
23 31 13 13-0288 LF 4" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.15	40.95
For Seal Class B, Add	10.24	
For Seal Class A, Add	21.84	
For Work In Restricted Working Space, Add	20.48	
23 31 13 13-0289 LF 6" x 6", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.89	24.57
For Seal Class B, Add	6.14	
For Seal Class A, Add	13.10	
For Work In Restricted Working Space, Add	12.29	
23 31 13 13-0290 LF 6" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	54.70	28.67
For Seal Class B, Add	7.17	
For Seal Class A, Add	15.29	
For Work In Restricted Working Space, Add	14.33	
23 31 13 13-0291 LF 6" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.52	32.77
For Seal Class B, Add	8.19	
For Seal Class A, Add	17.47	
For Work In Restricted Working Space, Add	16.38	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0292	LF	6" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.33	36.86
			<i>For Seal Class B, Add</i>	9.21	
			<i>For Seal Class A, Add</i>	19.65	
			<i>For Work In Restricted Working Space, Add</i>	18.43	
23 31 13	13-0293	LF	6" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.15	40.95
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.48	
23 31 13	13-0294	LF	6" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.97	45.05
			<i>For Seal Class B, Add</i>	11.26	
			<i>For Seal Class A, Add</i>	24.03	
			<i>For Work In Restricted Working Space, Add</i>	22.52	
23 31 13	13-0295	LF	8" x 8", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	62.52	32.77
			<i>For Seal Class B, Add</i>	8.19	
			<i>For Seal Class A, Add</i>	17.47	
			<i>For Work In Restricted Working Space, Add</i>	16.38	
23 31 13	13-0296	LF	8" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	70.33	36.86
			<i>For Seal Class B, Add</i>	9.21	
			<i>For Seal Class A, Add</i>	19.65	
			<i>For Work In Restricted Working Space, Add</i>	18.43	
23 31 13	13-0297	LF	8" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.15	40.95
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.48	
23 31 13	13-0298	LF	8" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.97	45.05
			<i>For Seal Class B, Add</i>	11.26	
			<i>For Seal Class A, Add</i>	24.03	
			<i>For Work In Restricted Working Space, Add</i>	22.52	
23 31 13	13-0299	LF	8" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.78	49.13
			<i>For Seal Class B, Add</i>	12.29	
			<i>For Seal Class A, Add</i>	26.21	
			<i>For Work In Restricted Working Space, Add</i>	24.57	
23 31 13	13-0300	LF	8" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.59	53.23
			<i>For Seal Class B, Add</i>	13.31	
			<i>For Seal Class A, Add</i>	28.39	
			<i>For Work In Restricted Working Space, Add</i>	26.62	
23 31 13	13-0301	LF	8" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.40	57.33
			<i>For Seal Class B, Add</i>	14.33	
			<i>For Seal Class A, Add</i>	30.57	
			<i>For Work In Restricted Working Space, Add</i>	28.66	
23 31 13	13-0302	LF	8" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.22	61.42
			<i>For Seal Class B, Add</i>	15.36	
			<i>For Seal Class A, Add</i>	32.76	
			<i>For Work In Restricted Working Space, Add</i>	30.71	
23 31 13	13-0303	LF	8" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.03	65.51
			<i>For Seal Class B, Add</i>	16.38	
			<i>For Seal Class A, Add</i>	34.94	
			<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31 13	13-0304	LF	10" x 10", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	78.15	40.95
			<i>For Seal Class B, Add</i>	10.24	
			<i>For Seal Class A, Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	20.48	
23 31 13	13-0305	LF	10" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	85.97	45.05
			<i>For Seal Class B, Add</i>	11.26	
			<i>For Seal Class A, Add</i>	24.03	
			<i>For Work In Restricted Working Space, Add</i>	22.52	
23 31 13	13-0306	LF	10" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.78	49.13
			<i>For Seal Class B, Add</i>	12.29	
			<i>For Seal Class A, Add</i>	26.21	
			<i>For Work In Restricted Working Space, Add</i>	24.57	
23 31 13	13-0307	LF	10" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.59	53.23
			<i>For Seal Class B, Add</i>	13.31	
			<i>For Seal Class A, Add</i>	28.39	
			<i>For Work In Restricted Working Space, Add</i>	26.62	
23 31 13	13-0308	LF	10" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.40	57.33
			<i>For Seal Class B, Add</i>	14.33	
			<i>For Seal Class A, Add</i>	30.57	
			<i>For Work In Restricted Working Space, Add</i>	28.66	
23 31 13	13-0309	LF	10" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.22	61.42
			<i>For Seal Class B, Add</i>	15.36	
			<i>For Seal Class A, Add</i>	32.76	
			<i>For Work In Restricted Working Space, Add</i>	30.71	
23 31 13	13-0310	LF	10" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.03	65.51
			<i>For Seal Class B, Add</i>	16.38	
			<i>For Seal Class A, Add</i>	34.94	
			<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31 13	13-0311	LF	10" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.84	69.61
			<i>For Seal Class B, Add</i>	17.40	
			<i>For Seal Class A, Add</i>	37.13	
			<i>For Work In Restricted Working Space, Add</i>	34.81	
23 31 13	13-0312	LF	10" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.66	73.70
			<i>For Seal Class B, Add</i>	18.43	
			<i>For Seal Class A, Add</i>	39.31	
			<i>For Work In Restricted Working Space, Add</i>	36.86	
23 31 13	13-0313	LF	10" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.47	77.80
			<i>For Seal Class B, Add</i>	19.45	
			<i>For Seal Class A, Add</i>	41.49	
			<i>For Work In Restricted Working Space, Add</i>	38.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0314 LF 10" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.28	81.90
For Seal Class B, Add	20.47	
For Seal Class A, Add	43.68	
For Work In Restricted Working Space, Add	40.95	
23 31 13 13-0315 LF 10" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	164.09	86.00
For Seal Class B, Add	21.50	
For Seal Class A, Add	45.86	
For Work In Restricted Working Space, Add	42.99	
23 31 13 13-0316 LF 12" x 12", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	93.78	49.13
For Seal Class B, Add	12.29	
For Seal Class A, Add	26.21	
For Work In Restricted Working Space, Add	24.57	
23 31 13 13-0317 LF 12" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.59	53.23
For Seal Class B, Add	13.31	
For Seal Class A, Add	28.39	
For Work In Restricted Working Space, Add	26.62	
23 31 13 13-0318 LF 12" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.40	57.33
For Seal Class B, Add	14.33	
For Seal Class A, Add	30.57	
For Work In Restricted Working Space, Add	28.66	
23 31 13 13-0319 LF 12" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.22	61.42
For Seal Class B, Add	15.36	
For Seal Class A, Add	32.76	
For Work In Restricted Working Space, Add	30.71	
23 31 13 13-0320 LF 12" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.03	65.51
For Seal Class B, Add	16.38	
For Seal Class A, Add	34.94	
For Work In Restricted Working Space, Add	32.76	
23 31 13 13-0321 LF 12" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.84	69.61
For Seal Class B, Add	17.40	
For Seal Class A, Add	37.13	
For Work In Restricted Working Space, Add	34.81	
23 31 13 13-0322 LF 12" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.66	73.70
For Seal Class B, Add	18.43	
For Seal Class A, Add	39.31	
For Work In Restricted Working Space, Add	36.86	
23 31 13 13-0323 LF 12" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.47	77.80
For Seal Class B, Add	19.45	
For Seal Class A, Add	41.49	
For Work In Restricted Working Space, Add	38.90	
23 31 13 13-0324 LF 12" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.28	81.90
For Seal Class B, Add	20.47	
For Seal Class A, Add	43.68	
For Work In Restricted Working Space, Add	40.95	
23 31 13 13-0325 LF 12" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	164.09	86.00
For Seal Class B, Add	21.50	
For Seal Class A, Add	45.86	
For Work In Restricted Working Space, Add	42.99	
23 31 13 13-0326 LF 12" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	171.91	90.08
For Seal Class B, Add	22.52	
For Seal Class A, Add	48.04	
For Work In Restricted Working Space, Add	45.04	
23 31 13 13-0327 LF 12" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.73	94.18
For Seal Class B, Add	23.55	
For Seal Class A, Add	50.23	
For Work In Restricted Working Space, Add	47.09	
23 31 13 13-0328 LF 12" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.54	98.28
For Seal Class B, Add	24.57	
For Seal Class A, Add	52.41	
For Work In Restricted Working Space, Add	49.14	
23 31 13 13-0329 LF 14" x 14", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	109.40	57.33
For Seal Class B, Add	14.33	
For Seal Class A, Add	30.57	
For Work In Restricted Working Space, Add	28.66	
23 31 13 13-0330 LF 14" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	117.22	61.42
For Seal Class B, Add	15.36	
For Seal Class A, Add	32.76	
For Work In Restricted Working Space, Add	30.71	
23 31 13 13-0331 LF 14" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.03	65.51
For Seal Class B, Add	16.38	
For Seal Class A, Add	34.94	
For Work In Restricted Working Space, Add	32.76	
23 31 13 13-0332 LF 14" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.84	69.61
For Seal Class B, Add	17.40	
For Seal Class A, Add	37.13	
For Work In Restricted Working Space, Add	34.81	
23 31 13 13-0333 LF 14" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.66	73.70
For Seal Class B, Add	18.43	
For Seal Class A, Add	39.31	
For Work In Restricted Working Space, Add	36.86	
23 31 13 13-0334 LF 14" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.47	77.80
For Seal Class B, Add	19.45	
For Seal Class A, Add	41.49	
For Work In Restricted Working Space, Add	38.90	
23 31 13 13-0335 LF 14" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.28	81.90
For Seal Class B, Add	20.47	
For Seal Class A, Add	43.68	
For Work In Restricted Working Space, Add	40.95	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13	13-0336	LF 14" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	164.09	86.00
			<i>For Seal Class B, Add</i>	21.50	
			<i>For Seal Class A, Add</i>	45.86	
			<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31	13	13-0337	LF 14" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	171.91	90.08
			<i>For Seal Class B, Add</i>	22.52	
			<i>For Seal Class A, Add</i>	48.04	
			<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31	13	13-0338	LF 14" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.73	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31	13	13-0339	LF 14" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.54	98.28
			<i>For Seal Class B, Add</i>	24.57	
			<i>For Seal Class A, Add</i>	52.41	
			<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31	13	13-0340	LF 14" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.36	102.37
			<i>For Seal Class B, Add</i>	25.59	
			<i>For Seal Class A, Add</i>	54.60	
			<i>For Work In Restricted Working Space, Add</i>	51.19	
23 31	13	13-0341	LF 16" x 16", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	125.03	65.51
			<i>For Seal Class B, Add</i>	16.38	
			<i>For Seal Class A, Add</i>	34.94	
			<i>For Work In Restricted Working Space, Add</i>	32.76	
23 31	13	13-0342	LF 16" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	132.84	69.61
			<i>For Seal Class B, Add</i>	17.40	
			<i>For Seal Class A, Add</i>	37.13	
			<i>For Work In Restricted Working Space, Add</i>	34.81	
23 31	13	13-0343	LF 16" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.66	73.70
			<i>For Seal Class B, Add</i>	18.43	
			<i>For Seal Class A, Add</i>	39.31	
			<i>For Work In Restricted Working Space, Add</i>	36.86	
23 31	13	13-0344	LF 16" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.47	77.80
			<i>For Seal Class B, Add</i>	19.45	
			<i>For Seal Class A, Add</i>	41.49	
			<i>For Work In Restricted Working Space, Add</i>	38.90	
23 31	13	13-0345	LF 16" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.28	81.90
			<i>For Seal Class B, Add</i>	20.47	
			<i>For Seal Class A, Add</i>	43.68	
			<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31	13	13-0346	LF 16" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	164.09	86.00
			<i>For Seal Class B, Add</i>	21.50	
			<i>For Seal Class A, Add</i>	45.86	
			<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31	13	13-0347	LF 16" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	171.91	90.08
			<i>For Seal Class B, Add</i>	22.52	
			<i>For Seal Class A, Add</i>	48.04	
			<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31	13	13-0348	LF 16" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.73	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31	13	13-0349	LF 16" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.54	98.28
			<i>For Seal Class B, Add</i>	24.57	
			<i>For Seal Class A, Add</i>	52.41	
			<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31	13	13-0350	LF 16" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.36	102.37
			<i>For Seal Class B, Add</i>	25.59	
			<i>For Seal Class A, Add</i>	54.60	
			<i>For Work In Restricted Working Space, Add</i>	51.19	
23 31	13	13-0351	LF 16" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.18	106.47
			<i>For Seal Class B, Add</i>	26.62	
			<i>For Seal Class A, Add</i>	56.78	
			<i>For Work In Restricted Working Space, Add</i>	53.24	
23 31	13	13-0352	LF 16" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.99	110.57
			<i>For Seal Class B, Add</i>	27.64	
			<i>For Seal Class A, Add</i>	58.97	
			<i>For Work In Restricted Working Space, Add</i>	55.28	
23 31	13	13-0353	LF 16" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.80	114.65
			<i>For Seal Class B, Add</i>	28.66	
			<i>For Seal Class A, Add</i>	61.15	
			<i>For Work In Restricted Working Space, Add</i>	57.33	
23 31	13	13-0354	LF 16" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	226.61	118.75
			<i>For Seal Class B, Add</i>	29.69	
			<i>For Seal Class A, Add</i>	63.33	
			<i>For Work In Restricted Working Space, Add</i>	59.37	
23 31	13	13-0355	LF 16" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
			<i>For Seal Class B, Add</i>	30.71	
			<i>For Seal Class A, Add</i>	65.52	
			<i>For Work In Restricted Working Space, Add</i>	61.43	
23 31	13	13-0356	LF 18" x 18", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	140.66	73.70
			<i>For Seal Class B, Add</i>	18.43	
			<i>For Seal Class A, Add</i>	39.31	
			<i>For Work In Restricted Working Space, Add</i>	36.86	
23 31	13	13-0357	LF 18" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	148.47	77.80
			<i>For Seal Class B, Add</i>	19.45	
			<i>For Seal Class A, Add</i>	41.49	
			<i>For Work In Restricted Working Space, Add</i>	38.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0358 LF 18" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.28	81.90
<i>For Seal Class B, Add</i>	20.47	
<i>For Seal Class A, Add</i>	43.68	
<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31 13 13-0359 LF 18" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	164.09	86.00
<i>For Seal Class B, Add</i>	21.50	
<i>For Seal Class A, Add</i>	45.86	
<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31 13 13-0360 LF 18" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	171.91	90.08
<i>For Seal Class B, Add</i>	22.52	
<i>For Seal Class A, Add</i>	48.04	
<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13 13-0361 LF 18" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.73	94.18
<i>For Seal Class B, Add</i>	23.55	
<i>For Seal Class A, Add</i>	50.23	
<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13 13-0362 LF 18" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.54	98.28
<i>For Seal Class B, Add</i>	24.57	
<i>For Seal Class A, Add</i>	52.41	
<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31 13 13-0363 LF 18" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.36	102.37
<i>For Seal Class B, Add</i>	25.59	
<i>For Seal Class A, Add</i>	54.60	
<i>For Work In Restricted Working Space, Add</i>	51.19	
23 31 13 13-0364 LF 18" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.18	106.47
<i>For Seal Class B, Add</i>	26.62	
<i>For Seal Class A, Add</i>	56.78	
<i>For Work In Restricted Working Space, Add</i>	53.24	
23 31 13 13-0365 LF 18" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.99	110.57
<i>For Seal Class B, Add</i>	27.64	
<i>For Seal Class A, Add</i>	58.97	
<i>For Work In Restricted Working Space, Add</i>	55.28	
23 31 13 13-0366 LF 18" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.80	114.65
<i>For Seal Class B, Add</i>	28.66	
<i>For Seal Class A, Add</i>	61.15	
<i>For Work In Restricted Working Space, Add</i>	57.33	
23 31 13 13-0367 LF 18" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	226.61	118.75
<i>For Seal Class B, Add</i>	29.69	
<i>For Seal Class A, Add</i>	63.33	
<i>For Work In Restricted Working Space, Add</i>	59.37	
23 31 13 13-0368 LF 18" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
<i>For Seal Class B, Add</i>	30.71	
<i>For Seal Class A, Add</i>	65.52	
<i>For Work In Restricted Working Space, Add</i>	61.43	
23 31 13 13-0369 LF 18" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.25	126.94
<i>For Seal Class B, Add</i>	31.74	
<i>For Seal Class A, Add</i>	67.70	
<i>For Work In Restricted Working Space, Add</i>	63.47	
23 31 13 13-0370 LF 18" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
<i>For Seal Class B, Add</i>	32.76	
<i>For Seal Class A, Add</i>	69.88	
<i>For Work In Restricted Working Space, Add</i>	65.52	
23 31 13 13-0371 LF 20" x 20", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.28	81.90
<i>For Seal Class B, Add</i>	20.47	
<i>For Seal Class A, Add</i>	43.68	
<i>For Work In Restricted Working Space, Add</i>	40.95	
23 31 13 13-0372 LF 20" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	164.09	86.00
<i>For Seal Class B, Add</i>	21.50	
<i>For Seal Class A, Add</i>	45.86	
<i>For Work In Restricted Working Space, Add</i>	42.99	
23 31 13 13-0373 LF 20" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	171.91	90.08
<i>For Seal Class B, Add</i>	22.52	
<i>For Seal Class A, Add</i>	48.04	
<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13 13-0374 LF 20" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.73	94.18
<i>For Seal Class B, Add</i>	23.55	
<i>For Seal Class A, Add</i>	50.23	
<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13 13-0375 LF 20" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.54	98.28
<i>For Seal Class B, Add</i>	24.57	
<i>For Seal Class A, Add</i>	52.41	
<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31 13 13-0376 LF 20" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.36	102.37
<i>For Seal Class B, Add</i>	25.59	
<i>For Seal Class A, Add</i>	54.60	
<i>For Work In Restricted Working Space, Add</i>	51.19	
23 31 13 13-0377 LF 20" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.18	106.47
<i>For Seal Class B, Add</i>	26.62	
<i>For Seal Class A, Add</i>	56.78	
<i>For Work In Restricted Working Space, Add</i>	53.24	
23 31 13 13-0378 LF 20" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.99	110.57
<i>For Seal Class B, Add</i>	27.64	
<i>For Seal Class A, Add</i>	58.97	
<i>For Work In Restricted Working Space, Add</i>	55.28	
23 31 13 13-0379 LF 20" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.80	114.65
<i>For Seal Class B, Add</i>	28.66	
<i>For Seal Class A, Add</i>	61.15	
<i>For Work In Restricted Working Space, Add</i>	57.33	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0380	LF	20" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	226.61	118.75
			<i>For Seal Class B, Add</i>	29.69	
			<i>For Seal Class A, Add</i>	63.33	
			<i>For Work In Restricted Working Space, Add</i>	59.37	
23 31 13	13-0381	LF	20" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
			<i>For Seal Class B, Add</i>	30.71	
			<i>For Seal Class A, Add</i>	65.52	
			<i>For Work In Restricted Working Space, Add</i>	61.43	
23 31 13	13-0382	LF	20" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.25	126.94
			<i>For Seal Class B, Add</i>	31.74	
			<i>For Seal Class A, Add</i>	67.70	
			<i>For Work In Restricted Working Space, Add</i>	63.47	
23 31 13	13-0383	LF	20" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
			<i>For Seal Class B, Add</i>	32.76	
			<i>For Seal Class A, Add</i>	69.88	
			<i>For Work In Restricted Working Space, Add</i>	65.52	
23 31 13	13-0384	LF	20" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.88	135.14
			<i>For Seal Class B, Add</i>	33.78	
			<i>For Seal Class A, Add</i>	72.07	
			<i>For Work In Restricted Working Space, Add</i>	67.57	
23 31 13	13-0385	LF	20" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
			<i>For Seal Class B, Add</i>	34.81	
			<i>For Seal Class A, Add</i>	74.25	
			<i>For Work In Restricted Working Space, Add</i>	69.61	
23 31 13	13-0386	LF	22" x 22", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	171.91	90.08
			<i>For Seal Class B, Add</i>	22.52	
			<i>For Seal Class A, Add</i>	48.04	
			<i>For Work In Restricted Working Space, Add</i>	45.04	
23 31 13	13-0387	LF	22" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.73	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13	13-0388	LF	22" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.54	98.28
			<i>For Seal Class B, Add</i>	24.57	
			<i>For Seal Class A, Add</i>	52.41	
			<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31 13	13-0389	LF	22" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.36	102.37
			<i>For Seal Class B, Add</i>	25.59	
			<i>For Seal Class A, Add</i>	54.60	
			<i>For Work In Restricted Working Space, Add</i>	51.19	
23 31 13	13-0390	LF	22" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.18	106.47
			<i>For Seal Class B, Add</i>	26.62	
			<i>For Seal Class A, Add</i>	56.78	
			<i>For Work In Restricted Working Space, Add</i>	53.24	
23 31 13	13-0391	LF	22" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.99	110.57
			<i>For Seal Class B, Add</i>	27.64	
			<i>For Seal Class A, Add</i>	58.97	
			<i>For Work In Restricted Working Space, Add</i>	55.28	
23 31 13	13-0392	LF	22" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.80	114.65
			<i>For Seal Class B, Add</i>	28.66	
			<i>For Seal Class A, Add</i>	61.15	
			<i>For Work In Restricted Working Space, Add</i>	57.33	
23 31 13	13-0393	LF	22" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	226.61	118.75
			<i>For Seal Class B, Add</i>	29.69	
			<i>For Seal Class A, Add</i>	63.33	
			<i>For Work In Restricted Working Space, Add</i>	59.37	
23 31 13	13-0394	LF	22" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
			<i>For Seal Class B, Add</i>	30.71	
			<i>For Seal Class A, Add</i>	65.52	
			<i>For Work In Restricted Working Space, Add</i>	61.43	
23 31 13	13-0395	LF	22" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.25	126.94
			<i>For Seal Class B, Add</i>	31.74	
			<i>For Seal Class A, Add</i>	67.70	
			<i>For Work In Restricted Working Space, Add</i>	63.47	
23 31 13	13-0396	LF	22" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
			<i>For Seal Class B, Add</i>	32.76	
			<i>For Seal Class A, Add</i>	69.88	
			<i>For Work In Restricted Working Space, Add</i>	65.52	
23 31 13	13-0397	LF	22" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.88	135.14
			<i>For Seal Class B, Add</i>	33.78	
			<i>For Seal Class A, Add</i>	72.07	
			<i>For Work In Restricted Working Space, Add</i>	67.57	
23 31 13	13-0398	LF	22" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
			<i>For Seal Class B, Add</i>	34.81	
			<i>For Seal Class A, Add</i>	74.25	
			<i>For Work In Restricted Working Space, Add</i>	69.61	
23 31 13	13-0399	LF	22" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.50	143.31
			<i>For Seal Class B, Add</i>	35.83	
			<i>For Seal Class A, Add</i>	76.44	
			<i>For Work In Restricted Working Space, Add</i>	71.66	
23 31 13	13-0400	LF	24" x 24", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	187.54	98.28
			<i>For Seal Class B, Add</i>	24.57	
			<i>For Seal Class A, Add</i>	52.41	
			<i>For Work In Restricted Working Space, Add</i>	49.14	
23 31 13	13-0401	LF	24" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	195.36	102.37
			<i>For Seal Class B, Add</i>	25.59	
			<i>For Seal Class A, Add</i>	54.60	
			<i>For Work In Restricted Working Space, Add</i>	51.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0402 LF 24" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.18	106.47
For Seal Class B, Add	26.62	
For Seal Class A, Add	56.78	
For Work In Restricted Working Space, Add	53.24	
23 31 13 13-0403 LF 24" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.99	110.57
For Seal Class B, Add	27.64	
For Seal Class A, Add	58.97	
For Work In Restricted Working Space, Add	55.28	
23 31 13 13-0404 LF 24" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.80	114.65
For Seal Class B, Add	28.66	
For Seal Class A, Add	61.15	
For Work In Restricted Working Space, Add	57.33	
23 31 13 13-0405 LF 24" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	226.61	118.75
For Seal Class B, Add	29.69	
For Seal Class A, Add	63.33	
For Work In Restricted Working Space, Add	59.37	
23 31 13 13-0406 LF 24" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
For Seal Class B, Add	30.71	
For Seal Class A, Add	65.52	
For Work In Restricted Working Space, Add	61.43	
23 31 13 13-0407 LF 24" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.25	126.94
For Seal Class B, Add	31.74	
For Seal Class A, Add	67.70	
For Work In Restricted Working Space, Add	63.47	
23 31 13 13-0408 LF 24" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
For Seal Class B, Add	32.76	
For Seal Class A, Add	69.88	
For Work In Restricted Working Space, Add	65.52	
23 31 13 13-0409 LF 24" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.88	135.14
For Seal Class B, Add	33.78	
For Seal Class A, Add	72.07	
For Work In Restricted Working Space, Add	67.57	
23 31 13 13-0410 LF 24" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
For Seal Class B, Add	34.81	
For Seal Class A, Add	74.25	
For Work In Restricted Working Space, Add	69.61	
23 31 13 13-0411 LF 24" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.50	143.31
For Seal Class B, Add	35.83	
For Seal Class A, Add	76.44	
For Work In Restricted Working Space, Add	71.66	
23 31 13 13-0412 LF 24" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.31	147.42
For Seal Class B, Add	36.85	
For Seal Class A, Add	78.62	
For Work In Restricted Working Space, Add	73.70	
23 31 13 13-0413 LF 26" x 26", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.18	106.47
For Seal Class B, Add	26.62	
For Seal Class A, Add	56.78	
For Work In Restricted Working Space, Add	53.24	
23 31 13 13-0414 LF 26" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	210.99	110.57
For Seal Class B, Add	27.64	
For Seal Class A, Add	58.97	
For Work In Restricted Working Space, Add	55.28	
23 31 13 13-0415 LF 26" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.80	114.65
For Seal Class B, Add	28.66	
For Seal Class A, Add	61.15	
For Work In Restricted Working Space, Add	57.33	
23 31 13 13-0416 LF 26" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	226.61	118.75
For Seal Class B, Add	29.69	
For Seal Class A, Add	63.33	
For Work In Restricted Working Space, Add	59.37	
23 31 13 13-0417 LF 26" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
For Seal Class B, Add	30.71	
For Seal Class A, Add	65.52	
For Work In Restricted Working Space, Add	61.43	
23 31 13 13-0418 LF 26" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.25	126.94
For Seal Class B, Add	31.74	
For Seal Class A, Add	67.70	
For Work In Restricted Working Space, Add	63.47	
23 31 13 13-0419 LF 26" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
For Seal Class B, Add	32.76	
For Seal Class A, Add	69.88	
For Work In Restricted Working Space, Add	65.52	
23 31 13 13-0420 LF 26" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.88	135.14
For Seal Class B, Add	33.78	
For Seal Class A, Add	72.07	
For Work In Restricted Working Space, Add	67.57	
23 31 13 13-0421 LF 26" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
For Seal Class B, Add	34.81	
For Seal Class A, Add	74.25	
For Work In Restricted Working Space, Add	69.61	
23 31 13 13-0422 LF 26" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.50	143.31
For Seal Class B, Add	35.83	
For Seal Class A, Add	76.44	
For Work In Restricted Working Space, Add	71.66	
23 31 13 13-0423 LF 26" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.31	147.42
For Seal Class B, Add	36.85	
For Seal Class A, Add	78.62	
For Work In Restricted Working Space, Add	73.70	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0424	LF	26" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	289.14	151.52
			<i>For Seal Class B, Add</i>	37.88	
			<i>For Seal Class A, Add</i>	80.81	
			<i>For Work In Restricted Working Space, Add</i>	75.76	
23 31 13	13-0425	LF	28" x 28", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	218.80	114.65
			<i>For Seal Class B, Add</i>	28.66	
			<i>For Seal Class A, Add</i>	61.15	
			<i>For Work In Restricted Working Space, Add</i>	57.33	
23 31 13	13-0426	LF	28" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	226.61	118.75
			<i>For Seal Class B, Add</i>	29.69	
			<i>For Seal Class A, Add</i>	63.33	
			<i>For Work In Restricted Working Space, Add</i>	59.37	
23 31 13	13-0427	LF	28" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
			<i>For Seal Class B, Add</i>	30.71	
			<i>For Seal Class A, Add</i>	65.52	
			<i>For Work In Restricted Working Space, Add</i>	61.43	
23 31 13	13-0428	LF	28" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.25	126.94
			<i>For Seal Class B, Add</i>	31.74	
			<i>For Seal Class A, Add</i>	67.70	
			<i>For Work In Restricted Working Space, Add</i>	63.47	
23 31 13	13-0429	LF	28" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
			<i>For Seal Class B, Add</i>	32.76	
			<i>For Seal Class A, Add</i>	69.88	
			<i>For Work In Restricted Working Space, Add</i>	65.52	
23 31 13	13-0430	LF	28" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.88	135.14
			<i>For Seal Class B, Add</i>	33.78	
			<i>For Seal Class A, Add</i>	72.07	
			<i>For Work In Restricted Working Space, Add</i>	67.57	
23 31 13	13-0431	LF	28" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
			<i>For Seal Class B, Add</i>	34.81	
			<i>For Seal Class A, Add</i>	74.25	
			<i>For Work In Restricted Working Space, Add</i>	69.61	
23 31 13	13-0432	LF	28" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.50	143.31
			<i>For Seal Class B, Add</i>	35.83	
			<i>For Seal Class A, Add</i>	76.44	
			<i>For Work In Restricted Working Space, Add</i>	71.66	
23 31 13	13-0433	LF	28" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.31	147.42
			<i>For Seal Class B, Add</i>	36.85	
			<i>For Seal Class A, Add</i>	78.62	
			<i>For Work In Restricted Working Space, Add</i>	73.70	
23 31 13	13-0434	LF	28" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	289.14	151.52
			<i>For Seal Class B, Add</i>	37.88	
			<i>For Seal Class A, Add</i>	80.81	
			<i>For Work In Restricted Working Space, Add</i>	75.76	
23 31 13	13-0435	LF	28" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.96	155.60
			<i>For Seal Class B, Add</i>	38.90	
			<i>For Seal Class A, Add</i>	82.99	
			<i>For Work In Restricted Working Space, Add</i>	77.81	
23 31 13	13-0436	LF	30" x 30", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	234.44	122.85
			<i>For Seal Class B, Add</i>	30.71	
			<i>For Seal Class A, Add</i>	65.52	
			<i>For Work In Restricted Working Space, Add</i>	61.43	
23 31 13	13-0437	LF	30" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	242.25	126.94
			<i>For Seal Class B, Add</i>	31.74	
			<i>For Seal Class A, Add</i>	67.70	
			<i>For Work In Restricted Working Space, Add</i>	63.47	
23 31 13	13-0438	LF	30" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
			<i>For Seal Class B, Add</i>	32.76	
			<i>For Seal Class A, Add</i>	69.88	
			<i>For Work In Restricted Working Space, Add</i>	65.52	
23 31 13	13-0439	LF	30" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.88	135.14
			<i>For Seal Class B, Add</i>	33.78	
			<i>For Seal Class A, Add</i>	72.07	
			<i>For Work In Restricted Working Space, Add</i>	67.57	
23 31 13	13-0440	LF	30" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
			<i>For Seal Class B, Add</i>	34.81	
			<i>For Seal Class A, Add</i>	74.25	
			<i>For Work In Restricted Working Space, Add</i>	69.61	
23 31 13	13-0441	LF	30" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.50	143.31
			<i>For Seal Class B, Add</i>	35.83	
			<i>For Seal Class A, Add</i>	76.44	
			<i>For Work In Restricted Working Space, Add</i>	71.66	
23 31 13	13-0442	LF	30" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.31	147.42
			<i>For Seal Class B, Add</i>	36.85	
			<i>For Seal Class A, Add</i>	78.62	
			<i>For Work In Restricted Working Space, Add</i>	73.70	
23 31 13	13-0443	LF	30" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	289.14	151.52
			<i>For Seal Class B, Add</i>	37.88	
			<i>For Seal Class A, Add</i>	80.81	
			<i>For Work In Restricted Working Space, Add</i>	75.76	
23 31 13	13-0444	LF	30" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.96	155.60
			<i>For Seal Class B, Add</i>	38.90	
			<i>For Seal Class A, Add</i>	82.99	
			<i>For Work In Restricted Working Space, Add</i>	77.81	
23 31 13	13-0445	LF	30" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.76	159.70
			<i>For Seal Class B, Add</i>	39.92	
			<i>For Seal Class A, Add</i>	85.17	
			<i>For Work In Restricted Working Space, Add</i>	79.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0446 LF 32" x 32", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	250.06	131.04
<i>For Seal Class B, Add</i>	32.76	
<i>For Seal Class A, Add</i>	69.88	
<i>For Work In Restricted Working Space, Add</i>	65.52	
23 31 13 13-0447 LF 32" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.88	135.14
<i>For Seal Class B, Add</i>	33.78	
<i>For Seal Class A, Add</i>	72.07	
<i>For Work In Restricted Working Space, Add</i>	67.57	
23 31 13 13-0448 LF 32" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
<i>For Seal Class B, Add</i>	34.81	
<i>For Seal Class A, Add</i>	74.25	
<i>For Work In Restricted Working Space, Add</i>	69.61	
23 31 13 13-0449 LF 32" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.50	143.31
<i>For Seal Class B, Add</i>	35.83	
<i>For Seal Class A, Add</i>	76.44	
<i>For Work In Restricted Working Space, Add</i>	71.66	
23 31 13 13-0450 LF 32" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.31	147.42
<i>For Seal Class B, Add</i>	36.85	
<i>For Seal Class A, Add</i>	78.62	
<i>For Work In Restricted Working Space, Add</i>	73.70	
23 31 13 13-0451 LF 32" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	289.14	151.52
<i>For Seal Class B, Add</i>	37.88	
<i>For Seal Class A, Add</i>	80.81	
<i>For Work In Restricted Working Space, Add</i>	75.76	
23 31 13 13-0452 LF 32" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.96	155.60
<i>For Seal Class B, Add</i>	38.90	
<i>For Seal Class A, Add</i>	82.99	
<i>For Work In Restricted Working Space, Add</i>	77.81	
23 31 13 13-0453 LF 32" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.76	159.70
<i>For Seal Class B, Add</i>	39.92	
<i>For Seal Class A, Add</i>	85.17	
<i>For Work In Restricted Working Space, Add</i>	79.85	
23 31 13 13-0454 LF 32" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.58	163.79
<i>For Seal Class B, Add</i>	40.95	
<i>For Seal Class A, Add</i>	87.36	
<i>For Work In Restricted Working Space, Add</i>	81.90	
23 31 13 13-0455 LF 34" x 34", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	265.69	139.23
<i>For Seal Class B, Add</i>	34.81	
<i>For Seal Class A, Add</i>	74.25	
<i>For Work In Restricted Working Space, Add</i>	69.61	
23 31 13 13-0456 LF 34" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	273.50	143.31
<i>For Seal Class B, Add</i>	35.83	
<i>For Seal Class A, Add</i>	76.44	
<i>For Work In Restricted Working Space, Add</i>	71.66	
23 31 13 13-0457 LF 34" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.31	147.42
<i>For Seal Class B, Add</i>	36.85	
<i>For Seal Class A, Add</i>	78.62	
<i>For Work In Restricted Working Space, Add</i>	73.70	
23 31 13 13-0458 LF 34" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	289.14	151.52
<i>For Seal Class B, Add</i>	37.88	
<i>For Seal Class A, Add</i>	80.81	
<i>For Work In Restricted Working Space, Add</i>	75.76	
23 31 13 13-0459 LF 34" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.96	155.60
<i>For Seal Class B, Add</i>	38.90	
<i>For Seal Class A, Add</i>	82.99	
<i>For Work In Restricted Working Space, Add</i>	77.81	
23 31 13 13-0460 LF 34" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.76	159.70
<i>For Seal Class B, Add</i>	39.92	
<i>For Seal Class A, Add</i>	85.17	
<i>For Work In Restricted Working Space, Add</i>	79.85	
23 31 13 13-0461 LF 34" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.58	163.79
<i>For Seal Class B, Add</i>	40.95	
<i>For Seal Class A, Add</i>	87.36	
<i>For Work In Restricted Working Space, Add</i>	81.90	
23 31 13 13-0462 LF 34" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.39	167.88
<i>For Seal Class B, Add</i>	41.97	
<i>For Seal Class A, Add</i>	89.54	
<i>For Work In Restricted Working Space, Add</i>	83.94	
23 31 13 13-0463 LF 36" x 36", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	281.31	147.42
<i>For Seal Class B, Add</i>	36.85	
<i>For Seal Class A, Add</i>	78.62	
<i>For Work In Restricted Working Space, Add</i>	73.70	
23 31 13 13-0464 LF 36" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	289.14	151.52
<i>For Seal Class B, Add</i>	37.88	
<i>For Seal Class A, Add</i>	80.81	
<i>For Work In Restricted Working Space, Add</i>	75.76	
23 31 13 13-0465 LF 36" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.96	155.60
<i>For Seal Class B, Add</i>	38.90	
<i>For Seal Class A, Add</i>	82.99	
<i>For Work In Restricted Working Space, Add</i>	77.81	
23 31 13 13-0466 LF 36" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.76	159.70
<i>For Seal Class B, Add</i>	39.92	
<i>For Seal Class A, Add</i>	85.17	
<i>For Work In Restricted Working Space, Add</i>	79.85	
23 31 13 13-0467 LF 36" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.58	163.79
<i>For Seal Class B, Add</i>	40.95	
<i>For Seal Class A, Add</i>	87.36	
<i>For Work In Restricted Working Space, Add</i>	81.90	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0468	LF	36" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.39	167.88
			<i>For Seal Class B, Add</i>	41.97	
			<i>For Seal Class A, Add</i>	89.54	
			<i>For Work In Restricted Working Space, Add</i>	83.94	
23 31 13	13-0469	LF	36" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	328.20	171.98
			<i>For Seal Class B, Add</i>	42.99	
			<i>For Seal Class A, Add</i>	91.72	
			<i>For Work In Restricted Working Space, Add</i>	85.99	
23 31 13	13-0470	LF	38" x 38", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	296.96	155.60
			<i>For Seal Class B, Add</i>	38.90	
			<i>For Seal Class A, Add</i>	82.99	
			<i>For Work In Restricted Working Space, Add</i>	77.81	
23 31 13	13-0471	LF	38" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	304.76	159.70
			<i>For Seal Class B, Add</i>	39.92	
			<i>For Seal Class A, Add</i>	85.17	
			<i>For Work In Restricted Working Space, Add</i>	79.85	
23 31 13	13-0472	LF	38" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.58	163.79
			<i>For Seal Class B, Add</i>	40.95	
			<i>For Seal Class A, Add</i>	87.36	
			<i>For Work In Restricted Working Space, Add</i>	81.90	
23 31 13	13-0473	LF	38" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.39	167.88
			<i>For Seal Class B, Add</i>	41.97	
			<i>For Seal Class A, Add</i>	89.54	
			<i>For Work In Restricted Working Space, Add</i>	83.94	
23 31 13	13-0474	LF	38" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	328.20	171.98
			<i>For Seal Class B, Add</i>	42.99	
			<i>For Seal Class A, Add</i>	91.72	
			<i>For Work In Restricted Working Space, Add</i>	85.99	
23 31 13	13-0475	LF	38" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.03	176.08
			<i>For Seal Class B, Add</i>	44.02	
			<i>For Seal Class A, Add</i>	93.91	
			<i>For Work In Restricted Working Space, Add</i>	88.04	
23 31 13	13-0476	LF	38" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	343.84	180.17
			<i>For Seal Class B, Add</i>	45.04	
			<i>For Seal Class A, Add</i>	96.09	
			<i>For Work In Restricted Working Space, Add</i>	90.09	
23 31 13	13-0477	LF	40" x 40", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.58	163.79
			<i>For Seal Class B, Add</i>	40.95	
			<i>For Seal Class A, Add</i>	87.36	
			<i>For Work In Restricted Working Space, Add</i>	81.90	
23 31 13	13-0478	LF	40" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	320.39	167.88
			<i>For Seal Class B, Add</i>	41.97	
			<i>For Seal Class A, Add</i>	89.54	
			<i>For Work In Restricted Working Space, Add</i>	83.94	
23 31 13	13-0479	LF	40" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	328.20	171.98
			<i>For Seal Class B, Add</i>	42.99	
			<i>For Seal Class A, Add</i>	91.72	
			<i>For Work In Restricted Working Space, Add</i>	85.99	
23 31 13	13-0480	LF	40" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.03	176.08
			<i>For Seal Class B, Add</i>	44.02	
			<i>For Seal Class A, Add</i>	93.91	
			<i>For Work In Restricted Working Space, Add</i>	88.04	
23 31 13	13-0481	LF	40" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	343.84	180.17
			<i>For Seal Class B, Add</i>	45.04	
			<i>For Seal Class A, Add</i>	96.09	
			<i>For Work In Restricted Working Space, Add</i>	90.09	
23 31 13	13-0482	LF	40" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.66	184.27
			<i>For Seal Class B, Add</i>	46.07	
			<i>For Seal Class A, Add</i>	98.28	
			<i>For Work In Restricted Working Space, Add</i>	92.14	
23 31 13	13-0483	LF	40" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.46	188.36
			<i>For Seal Class B, Add</i>	47.09	
			<i>For Seal Class A, Add</i>	100.46	
			<i>For Work In Restricted Working Space, Add</i>	94.18	
23 31 13	13-0484	LF	40" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	367.28	192.45
			<i>For Seal Class B, Add</i>	48.11	
			<i>For Seal Class A, Add</i>	102.64	
			<i>For Work In Restricted Working Space, Add</i>	96.23	
23 31 13	13-0485	LF	42" x 42", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	328.20	171.98
			<i>For Seal Class B, Add</i>	42.99	
			<i>For Seal Class A, Add</i>	91.72	
			<i>For Work In Restricted Working Space, Add</i>	85.99	
23 31 13	13-0486	LF	42" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	336.03	176.08
			<i>For Seal Class B, Add</i>	44.02	
			<i>For Seal Class A, Add</i>	93.91	
			<i>For Work In Restricted Working Space, Add</i>	88.04	
23 31 13	13-0487	LF	42" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	343.84	180.17
			<i>For Seal Class B, Add</i>	45.04	
			<i>For Seal Class A, Add</i>	96.09	
			<i>For Work In Restricted Working Space, Add</i>	90.09	
23 31 13	13-0488	LF	42" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.66	184.27
			<i>For Seal Class B, Add</i>	46.07	
			<i>For Seal Class A, Add</i>	98.28	
			<i>For Work In Restricted Working Space, Add</i>	92.14	
23 31 13	13-0489	LF	42" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.46	188.36
			<i>For Seal Class B, Add</i>	47.09	
			<i>For Seal Class A, Add</i>	100.46	
			<i>For Work In Restricted Working Space, Add</i>	94.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0490 LF 42" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	367.28	192.45
<i>For Seal Class B, Add</i>	48.11	
<i>For Seal Class A, Add</i>	102.64	
<i>For Work In Restricted Working Space, Add</i>	96.23	
23 31 13 13-0491 LF 42" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.10	196.55
<i>For Seal Class B, Add</i>	49.14	
<i>For Seal Class A, Add</i>	104.83	
<i>For Work In Restricted Working Space, Add</i>	98.28	
23 31 13 13-0492 LF 44" x 44", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	343.84	180.17
<i>For Seal Class B, Add</i>	45.04	
<i>For Seal Class A, Add</i>	96.09	
<i>For Work In Restricted Working Space, Add</i>	90.09	
23 31 13 13-0493 LF 44" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	351.66	184.27
<i>For Seal Class B, Add</i>	46.07	
<i>For Seal Class A, Add</i>	98.28	
<i>For Work In Restricted Working Space, Add</i>	92.14	
23 31 13 13-0494 LF 44" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.46	188.36
<i>For Seal Class B, Add</i>	47.09	
<i>For Seal Class A, Add</i>	100.46	
<i>For Work In Restricted Working Space, Add</i>	94.18	
23 31 13 13-0495 LF 44" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	367.28	192.45
<i>For Seal Class B, Add</i>	48.11	
<i>For Seal Class A, Add</i>	102.64	
<i>For Work In Restricted Working Space, Add</i>	96.23	
23 31 13 13-0496 LF 44" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.10	196.55
<i>For Seal Class B, Add</i>	49.14	
<i>For Seal Class A, Add</i>	104.83	
<i>For Work In Restricted Working Space, Add</i>	98.28	
23 31 13 13-0497 LF 44" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	382.90	200.65
<i>For Seal Class B, Add</i>	50.16	
<i>For Seal Class A, Add</i>	107.01	
<i>For Work In Restricted Working Space, Add</i>	100.32	
23 31 13 13-0498 LF 46" x 46", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.46	188.36
<i>For Seal Class B, Add</i>	47.09	
<i>For Seal Class A, Add</i>	100.46	
<i>For Work In Restricted Working Space, Add</i>	94.18	
23 31 13 13-0499 LF 46" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	367.28	192.45
<i>For Seal Class B, Add</i>	48.11	
<i>For Seal Class A, Add</i>	102.64	
<i>For Work In Restricted Working Space, Add</i>	96.23	
23 31 13 13-0500 LF 46" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.10	196.55
<i>For Seal Class B, Add</i>	49.14	
<i>For Seal Class A, Add</i>	104.83	
<i>For Work In Restricted Working Space, Add</i>	98.28	
23 31 13 13-0501 LF 46" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	382.90	200.65
<i>For Seal Class B, Add</i>	50.16	
<i>For Seal Class A, Add</i>	107.01	
<i>For Work In Restricted Working Space, Add</i>	100.32	
23 31 13 13-0502 LF 46" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	390.73	204.75
<i>For Seal Class B, Add</i>	51.19	
<i>For Seal Class A, Add</i>	109.20	
<i>For Work In Restricted Working Space, Add</i>	102.37	
23 31 13 13-0503 LF 48" x 48", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	375.10	196.55
<i>For Seal Class B, Add</i>	49.14	
<i>For Seal Class A, Add</i>	104.83	
<i>For Work In Restricted Working Space, Add</i>	98.28	
23 31 13 13-0504 LF 48" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	382.90	200.65
<i>For Seal Class B, Add</i>	50.16	
<i>For Seal Class A, Add</i>	107.01	
<i>For Work In Restricted Working Space, Add</i>	100.32	
23 31 13 13-0505 LF 48" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	390.73	204.75
<i>For Seal Class B, Add</i>	51.19	
<i>For Seal Class A, Add</i>	109.20	
<i>For Work In Restricted Working Space, Add</i>	102.37	
23 31 13 13-0506 LF 48" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.54	208.84
<i>For Seal Class B, Add</i>	52.21	
<i>For Seal Class A, Add</i>	111.38	
<i>For Work In Restricted Working Space, Add</i>	104.42	
23 31 13 13-0507 LF 50" x 50", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	390.73	204.75
<i>For Seal Class B, Add</i>	51.19	
<i>For Seal Class A, Add</i>	109.20	
<i>For Work In Restricted Working Space, Add</i>	102.37	
23 31 13 13-0508 LF 50" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	398.54	208.84
<i>For Seal Class B, Add</i>	52.21	
<i>For Seal Class A, Add</i>	111.38	
<i>For Work In Restricted Working Space, Add</i>	104.42	
23 31 13 13-0509 LF 50" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	406.36	212.93
<i>For Seal Class B, Add</i>	53.23	
<i>For Seal Class A, Add</i>	113.56	
<i>For Work In Restricted Working Space, Add</i>	106.47	
23 31 13 13-0510 LF 52" x 52", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	406.36	212.93
<i>For Seal Class B, Add</i>	53.23	
<i>For Seal Class A, Add</i>	113.56	
<i>For Work In Restricted Working Space, Add</i>	106.47	
23 31 13 13-0511 LF 52" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	414.16	217.03
<i>For Seal Class B, Add</i>	54.26	
<i>For Seal Class A, Add</i>	115.75	
<i>For Work In Restricted Working Space, Add</i>	108.51	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 31 13 13-0512	LF	54" x 54", 22 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	421.97	221.12
		<i>For Seal Class B, Add</i>	55.28	
		<i>For Seal Class A, Add</i>	117.93	
		<i>For Work In Restricted Working Space, Add</i>	110.56	
23 31 13 13-0513		20 Gauge Galvanized Steel Metal Ductwork <small>(23 31 13 13-0014)</small>		
23 31 13 13-0514	LF	4" x 4", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	36.81	19.29
		<i>For Seal Class B, Add</i>	4.82	
		<i>For Seal Class A, Add</i>	10.29	
		<i>For Work In Restricted Working Space, Add</i>	9.65	
23 31 13 13-0515	LF	4" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	46.03	24.11
		<i>For Seal Class B, Add</i>	6.03	
		<i>For Seal Class A, Add</i>	12.86	
		<i>For Work In Restricted Working Space, Add</i>	12.06	
23 31 13 13-0516	LF	4" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.23	28.94
		<i>For Seal Class B, Add</i>	7.23	
		<i>For Seal Class A, Add</i>	15.43	
		<i>For Work In Restricted Working Space, Add</i>	14.47	
23 31 13 13-0517	LF	4" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.42	33.75
		<i>For Seal Class B, Add</i>	8.44	
		<i>For Seal Class A, Add</i>	18.01	
		<i>For Work In Restricted Working Space, Add</i>	16.88	
23 31 13 13-0518	LF	4" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.64	38.59
		<i>For Seal Class B, Add</i>	9.65	
		<i>For Seal Class A, Add</i>	20.58	
		<i>For Work In Restricted Working Space, Add</i>	19.29	
23 31 13 13-0519	LF	4" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.84	43.40
		<i>For Seal Class B, Add</i>	10.85	
		<i>For Seal Class A, Add</i>	23.15	
		<i>For Work In Restricted Working Space, Add</i>	21.70	
23 31 13 13-0520	LF	4" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.04	48.23
		<i>For Seal Class B, Add</i>	12.06	
		<i>For Seal Class A, Add</i>	25.72	
		<i>For Work In Restricted Working Space, Add</i>	24.12	
23 31 13 13-0521	LF	6" x 6", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	55.23	28.94
		<i>For Seal Class B, Add</i>	7.23	
		<i>For Seal Class A, Add</i>	15.43	
		<i>For Work In Restricted Working Space, Add</i>	14.47	
23 31 13 13-0522	LF	6" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	64.42	33.75
		<i>For Seal Class B, Add</i>	8.44	
		<i>For Seal Class A, Add</i>	18.01	
		<i>For Work In Restricted Working Space, Add</i>	16.88	
23 31 13 13-0523	LF	6" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.64	38.59
		<i>For Seal Class B, Add</i>	9.65	
		<i>For Seal Class A, Add</i>	20.58	
		<i>For Work In Restricted Working Space, Add</i>	19.29	
23 31 13 13-0524	LF	6" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.84	43.40
		<i>For Seal Class B, Add</i>	10.85	
		<i>For Seal Class A, Add</i>	23.15	
		<i>For Work In Restricted Working Space, Add</i>	21.70	
23 31 13 13-0525	LF	6" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.04	48.23
		<i>For Seal Class B, Add</i>	12.06	
		<i>For Seal Class A, Add</i>	25.72	
		<i>For Work In Restricted Working Space, Add</i>	24.12	
23 31 13 13-0526	LF	6" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.25	53.05
		<i>For Seal Class B, Add</i>	13.26	
		<i>For Seal Class A, Add</i>	28.29	
		<i>For Work In Restricted Working Space, Add</i>	26.53	
23 31 13 13-0527	LF	8" x 8", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	73.64	38.59
		<i>For Seal Class B, Add</i>	9.65	
		<i>For Seal Class A, Add</i>	20.58	
		<i>For Work In Restricted Working Space, Add</i>	19.29	
23 31 13 13-0528	LF	8" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	82.84	43.40
		<i>For Seal Class B, Add</i>	10.85	
		<i>For Seal Class A, Add</i>	23.15	
		<i>For Work In Restricted Working Space, Add</i>	21.70	
23 31 13 13-0529	LF	8" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.04	48.23
		<i>For Seal Class B, Add</i>	12.06	
		<i>For Seal Class A, Add</i>	25.72	
		<i>For Work In Restricted Working Space, Add</i>	24.12	
23 31 13 13-0530	LF	8" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.25	53.05
		<i>For Seal Class B, Add</i>	13.26	
		<i>For Seal Class A, Add</i>	28.29	
		<i>For Work In Restricted Working Space, Add</i>	26.53	
23 31 13 13-0531	LF	8" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	110.44	57.88
		<i>For Seal Class B, Add</i>	14.47	
		<i>For Seal Class A, Add</i>	30.87	
		<i>For Work In Restricted Working Space, Add</i>	28.94	
23 31 13 13-0532	LF	8" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	119.64	62.69
		<i>For Seal Class B, Add</i>	15.67	
		<i>For Seal Class A, Add</i>	33.44	
		<i>For Work In Restricted Working Space, Add</i>	31.35	
23 31 13 13-0533	LF	8" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.86	67.53
		<i>For Seal Class B, Add</i>	16.88	
		<i>For Seal Class A, Add</i>	36.01	
		<i>For Work In Restricted Working Space, Add</i>	33.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0534 LF 8" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.05	72.34
<i>For Seal Class B, Add</i>	18.09	
<i>For Seal Class A, Add</i>	38.58	
<i>For Work In Restricted Working Space, Add</i>	36.17	
23 31 13 13-0535 LF 8" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	147.26	77.16
<i>For Seal Class B, Add</i>	19.29	
<i>For Seal Class A, Add</i>	41.16	
<i>For Work In Restricted Working Space, Add</i>	38.58	
23 31 13 13-0536 LF 10" x 10", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	92.04	48.23
<i>For Seal Class B, Add</i>	12.06	
<i>For Seal Class A, Add</i>	25.72	
<i>For Work In Restricted Working Space, Add</i>	24.12	
23 31 13 13-0537 LF 10" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	101.25	53.05
<i>For Seal Class B, Add</i>	13.26	
<i>For Seal Class A, Add</i>	28.29	
<i>For Work In Restricted Working Space, Add</i>	26.53	
23 31 13 13-0538 LF 10" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	110.44	57.88
<i>For Seal Class B, Add</i>	14.47	
<i>For Seal Class A, Add</i>	30.87	
<i>For Work In Restricted Working Space, Add</i>	28.94	
23 31 13 13-0539 LF 10" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	119.64	62.69
<i>For Seal Class B, Add</i>	15.67	
<i>For Seal Class A, Add</i>	33.44	
<i>For Work In Restricted Working Space, Add</i>	31.35	
23 31 13 13-0540 LF 10" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.86	67.53
<i>For Seal Class B, Add</i>	16.88	
<i>For Seal Class A, Add</i>	36.01	
<i>For Work In Restricted Working Space, Add</i>	33.76	
23 31 13 13-0541 LF 10" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.05	72.34
<i>For Seal Class B, Add</i>	18.09	
<i>For Seal Class A, Add</i>	38.58	
<i>For Work In Restricted Working Space, Add</i>	36.17	
23 31 13 13-0542 LF 10" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	147.26	77.16
<i>For Seal Class B, Add</i>	19.29	
<i>For Seal Class A, Add</i>	41.16	
<i>For Work In Restricted Working Space, Add</i>	38.58	
23 31 13 13-0543 LF 10" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.49	81.99
<i>For Seal Class B, Add</i>	20.50	
<i>For Seal Class A, Add</i>	43.73	
<i>For Work In Restricted Working Space, Add</i>	41.00	
23 31 13 13-0544 LF 10" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.67	86.81
<i>For Seal Class B, Add</i>	21.70	
<i>For Seal Class A, Add</i>	46.30	
<i>For Work In Restricted Working Space, Add</i>	43.41	
23 31 13 13-0545 LF 10" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.88	91.63
<i>For Seal Class B, Add</i>	22.91	
<i>For Seal Class A, Add</i>	48.87	
<i>For Work In Restricted Working Space, Add</i>	45.82	
23 31 13 13-0546 LF 10" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.07	96.46
<i>For Seal Class B, Add</i>	24.11	
<i>For Seal Class A, Add</i>	51.44	
<i>For Work In Restricted Working Space, Add</i>	48.23	
23 31 13 13-0547 LF 10" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.28	101.28
<i>For Seal Class B, Add</i>	25.32	
<i>For Seal Class A, Add</i>	54.02	
<i>For Work In Restricted Working Space, Add</i>	50.64	
23 31 13 13-0548 LF 12" x 12", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	110.44	57.88
<i>For Seal Class B, Add</i>	14.47	
<i>For Seal Class A, Add</i>	30.87	
<i>For Work In Restricted Working Space, Add</i>	28.94	
23 31 13 13-0549 LF 12" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	119.64	62.69
<i>For Seal Class B, Add</i>	15.67	
<i>For Seal Class A, Add</i>	33.44	
<i>For Work In Restricted Working Space, Add</i>	31.35	
23 31 13 13-0550 LF 12" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.86	67.53
<i>For Seal Class B, Add</i>	16.88	
<i>For Seal Class A, Add</i>	36.01	
<i>For Work In Restricted Working Space, Add</i>	33.76	
23 31 13 13-0551 LF 12" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.05	72.34
<i>For Seal Class B, Add</i>	18.09	
<i>For Seal Class A, Add</i>	38.58	
<i>For Work In Restricted Working Space, Add</i>	36.17	
23 31 13 13-0552 LF 12" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	147.26	77.16
<i>For Seal Class B, Add</i>	19.29	
<i>For Seal Class A, Add</i>	41.16	
<i>For Work In Restricted Working Space, Add</i>	38.58	
23 31 13 13-0553 LF 12" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.49	81.99
<i>For Seal Class B, Add</i>	20.50	
<i>For Seal Class A, Add</i>	43.73	
<i>For Work In Restricted Working Space, Add</i>	41.00	
23 31 13 13-0554 LF 12" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.67	86.81
<i>For Seal Class B, Add</i>	21.70	
<i>For Seal Class A, Add</i>	46.30	
<i>For Work In Restricted Working Space, Add</i>	43.41	
23 31 13 13-0555 LF 12" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.88	91.63
<i>For Seal Class B, Add</i>	22.91	
<i>For Seal Class A, Add</i>	48.87	
<i>For Work In Restricted Working Space, Add</i>	45.82	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0556	LF	12" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.07	96.46
			<i>For Seal Class B, Add</i>	24.11	
			<i>For Seal Class A, Add</i>	51.44	
			<i>For Work In Restricted Working Space, Add</i>	48.23	
23 31 13	13-0557	LF	12" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.28	101.28
			<i>For Seal Class B, Add</i>	25.32	
			<i>For Seal Class A, Add</i>	54.02	
			<i>For Work In Restricted Working Space, Add</i>	50.64	
23 31 13	13-0558	LF	12" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	202.48	106.10
			<i>For Seal Class B, Add</i>	26.52	
			<i>For Seal Class A, Add</i>	56.59	
			<i>For Work In Restricted Working Space, Add</i>	53.05	
23 31 13	13-0559	LF	12" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	211.68	110.93
			<i>For Seal Class B, Add</i>	27.73	
			<i>For Seal Class A, Add</i>	59.16	
			<i>For Work In Restricted Working Space, Add</i>	55.46	
23 31 13	13-0560	LF	12" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.91	115.75
			<i>For Seal Class B, Add</i>	28.94	
			<i>For Seal Class A, Add</i>	61.74	
			<i>For Work In Restricted Working Space, Add</i>	57.88	
23 31 13	13-0561	LF	14" x 14", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	128.86	67.53
			<i>For Seal Class B, Add</i>	16.88	
			<i>For Seal Class A, Add</i>	36.01	
			<i>For Work In Restricted Working Space, Add</i>	33.76	
23 31 13	13-0562	LF	14" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	138.05	72.34
			<i>For Seal Class B, Add</i>	18.09	
			<i>For Seal Class A, Add</i>	38.58	
			<i>For Work In Restricted Working Space, Add</i>	36.17	
23 31 13	13-0563	LF	14" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	147.26	77.16
			<i>For Seal Class B, Add</i>	19.29	
			<i>For Seal Class A, Add</i>	41.16	
			<i>For Work In Restricted Working Space, Add</i>	38.58	
23 31 13	13-0564	LF	14" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.49	81.99
			<i>For Seal Class B, Add</i>	20.50	
			<i>For Seal Class A, Add</i>	43.73	
			<i>For Work In Restricted Working Space, Add</i>	41.00	
23 31 13	13-0565	LF	14" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.67	86.81
			<i>For Seal Class B, Add</i>	21.70	
			<i>For Seal Class A, Add</i>	46.30	
			<i>For Work In Restricted Working Space, Add</i>	43.41	
23 31 13	13-0566	LF	14" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.88	91.63
			<i>For Seal Class B, Add</i>	22.91	
			<i>For Seal Class A, Add</i>	48.87	
			<i>For Work In Restricted Working Space, Add</i>	45.82	
23 31 13	13-0567	LF	14" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.07	96.46
			<i>For Seal Class B, Add</i>	24.11	
			<i>For Seal Class A, Add</i>	51.44	
			<i>For Work In Restricted Working Space, Add</i>	48.23	
23 31 13	13-0568	LF	14" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.28	101.28
			<i>For Seal Class B, Add</i>	25.32	
			<i>For Seal Class A, Add</i>	54.02	
			<i>For Work In Restricted Working Space, Add</i>	50.64	
23 31 13	13-0569	LF	14" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	202.48	106.10
			<i>For Seal Class B, Add</i>	26.52	
			<i>For Seal Class A, Add</i>	56.59	
			<i>For Work In Restricted Working Space, Add</i>	53.05	
23 31 13	13-0570	LF	14" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	211.68	110.93
			<i>For Seal Class B, Add</i>	27.73	
			<i>For Seal Class A, Add</i>	59.16	
			<i>For Work In Restricted Working Space, Add</i>	55.46	
23 31 13	13-0571	LF	14" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.91	115.75
			<i>For Seal Class B, Add</i>	28.94	
			<i>For Seal Class A, Add</i>	61.74	
			<i>For Work In Restricted Working Space, Add</i>	57.88	
23 31 13	13-0572	LF	14" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.09	120.57
			<i>For Seal Class B, Add</i>	30.14	
			<i>For Seal Class A, Add</i>	64.31	
			<i>For Work In Restricted Working Space, Add</i>	60.29	
23 31 13	13-0573	LF	16" x 16", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	147.26	77.16
			<i>For Seal Class B, Add</i>	19.29	
			<i>For Seal Class A, Add</i>	41.16	
			<i>For Work In Restricted Working Space, Add</i>	38.58	
23 31 13	13-0574	LF	16" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	156.49	81.99
			<i>For Seal Class B, Add</i>	20.50	
			<i>For Seal Class A, Add</i>	43.73	
			<i>For Work In Restricted Working Space, Add</i>	41.00	
23 31 13	13-0575	LF	16" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.67	86.81
			<i>For Seal Class B, Add</i>	21.70	
			<i>For Seal Class A, Add</i>	46.30	
			<i>For Work In Restricted Working Space, Add</i>	43.41	
23 31 13	13-0576	LF	16" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.88	91.63
			<i>For Seal Class B, Add</i>	22.91	
			<i>For Seal Class A, Add</i>	48.87	
			<i>For Work In Restricted Working Space, Add</i>	45.82	
23 31 13	13-0577	LF	16" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.07	96.46
			<i>For Seal Class B, Add</i>	24.11	
			<i>For Seal Class A, Add</i>	51.44	
			<i>For Work In Restricted Working Space, Add</i>	48.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0578 LF 16" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.28	101.28
For Seal Class B, Add	25.32	
For Seal Class A, Add	54.02	
For Work In Restricted Working Space, Add	50.64	
23 31 13 13-0579 LF 16" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	202.48	106.10
For Seal Class B, Add	26.52	
For Seal Class A, Add	56.59	
For Work In Restricted Working Space, Add	53.05	
23 31 13 13-0580 LF 16" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	211.68	110.93
For Seal Class B, Add	27.73	
For Seal Class A, Add	59.16	
For Work In Restricted Working Space, Add	55.46	
23 31 13 13-0581 LF 16" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.91	115.75
For Seal Class B, Add	28.94	
For Seal Class A, Add	61.74	
For Work In Restricted Working Space, Add	57.88	
23 31 13 13-0582 LF 16" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.09	120.57
For Seal Class B, Add	30.14	
For Seal Class A, Add	64.31	
For Work In Restricted Working Space, Add	60.29	
23 31 13 13-0583 LF 16" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.31	125.40
For Seal Class B, Add	31.35	
For Seal Class A, Add	66.88	
For Work In Restricted Working Space, Add	62.70	
23 31 13 13-0584 LF 16" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.51	130.21
For Seal Class B, Add	32.55	
For Seal Class A, Add	69.45	
For Work In Restricted Working Space, Add	65.11	
23 31 13 13-0585 LF 16" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.70	135.04
For Seal Class B, Add	33.76	
For Seal Class A, Add	72.02	
For Work In Restricted Working Space, Add	67.52	
23 31 13 13-0586 LF 16" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	266.91	139.86
For Seal Class B, Add	34.97	
For Seal Class A, Add	74.59	
For Work In Restricted Working Space, Add	69.93	
23 31 13 13-0587 LF 16" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
For Seal Class B, Add	36.17	
For Seal Class A, Add	77.17	
For Work In Restricted Working Space, Add	72.35	
23 31 13 13-0588 LF 18" x 18", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	165.67	86.81
For Seal Class B, Add	21.70	
For Seal Class A, Add	46.30	
For Work In Restricted Working Space, Add	43.41	
23 31 13 13-0589 LF 18" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	174.88	91.63
For Seal Class B, Add	22.91	
For Seal Class A, Add	48.87	
For Work In Restricted Working Space, Add	45.82	
23 31 13 13-0590 LF 18" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.07	96.46
For Seal Class B, Add	24.11	
For Seal Class A, Add	51.44	
For Work In Restricted Working Space, Add	48.23	
23 31 13 13-0591 LF 18" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.28	101.28
For Seal Class B, Add	25.32	
For Seal Class A, Add	54.02	
For Work In Restricted Working Space, Add	50.64	
23 31 13 13-0592 LF 18" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	202.48	106.10
For Seal Class B, Add	26.52	
For Seal Class A, Add	56.59	
For Work In Restricted Working Space, Add	53.05	
23 31 13 13-0593 LF 18" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	211.68	110.93
For Seal Class B, Add	27.73	
For Seal Class A, Add	59.16	
For Work In Restricted Working Space, Add	55.46	
23 31 13 13-0594 LF 18" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.91	115.75
For Seal Class B, Add	28.94	
For Seal Class A, Add	61.74	
For Work In Restricted Working Space, Add	57.88	
23 31 13 13-0595 LF 18" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.09	120.57
For Seal Class B, Add	30.14	
For Seal Class A, Add	64.31	
For Work In Restricted Working Space, Add	60.29	
23 31 13 13-0596 LF 18" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.31	125.40
For Seal Class B, Add	31.35	
For Seal Class A, Add	66.88	
For Work In Restricted Working Space, Add	62.70	
23 31 13 13-0597 LF 18" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.51	130.21
For Seal Class B, Add	32.55	
For Seal Class A, Add	69.45	
For Work In Restricted Working Space, Add	65.11	
23 31 13 13-0598 LF 18" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.70	135.04
For Seal Class B, Add	33.76	
For Seal Class A, Add	72.02	
For Work In Restricted Working Space, Add	67.52	
23 31 13 13-0599 LF 18" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	266.91	139.86
For Seal Class B, Add	34.97	
For Seal Class A, Add	74.59	
For Work In Restricted Working Space, Add	69.93	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0600	LF	18" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
			<i>For Seal Class B, Add</i>	36.17	
			<i>For Seal Class A, Add</i>	77.17	
			<i>For Work In Restricted Working Space, Add</i>	72.35	
23 31 13	13-0601	LF	18" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.31	149.50
			<i>For Seal Class B, Add</i>	37.38	
			<i>For Seal Class A, Add</i>	79.74	
			<i>For Work In Restricted Working Space, Add</i>	74.75	
23 31 13	13-0602	LF	18" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
			<i>For Seal Class B, Add</i>	38.58	
			<i>For Seal Class A, Add</i>	82.31	
			<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13	13-0603	LF	20" x 20", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	184.07	96.46
			<i>For Seal Class B, Add</i>	24.11	
			<i>For Seal Class A, Add</i>	51.44	
			<i>For Work In Restricted Working Space, Add</i>	48.23	
23 31 13	13-0604	LF	20" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	193.28	101.28
			<i>For Seal Class B, Add</i>	25.32	
			<i>For Seal Class A, Add</i>	54.02	
			<i>For Work In Restricted Working Space, Add</i>	50.64	
23 31 13	13-0605	LF	20" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	202.48	106.10
			<i>For Seal Class B, Add</i>	26.52	
			<i>For Seal Class A, Add</i>	56.59	
			<i>For Work In Restricted Working Space, Add</i>	53.05	
23 31 13	13-0606	LF	20" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	211.68	110.93
			<i>For Seal Class B, Add</i>	27.73	
			<i>For Seal Class A, Add</i>	59.16	
			<i>For Work In Restricted Working Space, Add</i>	55.46	
23 31 13	13-0607	LF	20" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.91	115.75
			<i>For Seal Class B, Add</i>	28.94	
			<i>For Seal Class A, Add</i>	61.74	
			<i>For Work In Restricted Working Space, Add</i>	57.88	
23 31 13	13-0608	LF	20" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.09	120.57
			<i>For Seal Class B, Add</i>	30.14	
			<i>For Seal Class A, Add</i>	64.31	
			<i>For Work In Restricted Working Space, Add</i>	60.29	
23 31 13	13-0609	LF	20" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.31	125.40
			<i>For Seal Class B, Add</i>	31.35	
			<i>For Seal Class A, Add</i>	66.88	
			<i>For Work In Restricted Working Space, Add</i>	62.70	
23 31 13	13-0610	LF	20" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.51	130.21
			<i>For Seal Class B, Add</i>	32.55	
			<i>For Seal Class A, Add</i>	69.45	
			<i>For Work In Restricted Working Space, Add</i>	65.11	
23 31 13	13-0611	LF	20" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.70	135.04
			<i>For Seal Class B, Add</i>	33.76	
			<i>For Seal Class A, Add</i>	72.02	
			<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13	13-0612	LF	20" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	266.91	139.86
			<i>For Seal Class B, Add</i>	34.97	
			<i>For Seal Class A, Add</i>	74.59	
			<i>For Work In Restricted Working Space, Add</i>	69.93	
23 31 13	13-0613	LF	20" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
			<i>For Seal Class B, Add</i>	36.17	
			<i>For Seal Class A, Add</i>	77.17	
			<i>For Work In Restricted Working Space, Add</i>	72.35	
23 31 13	13-0614	LF	20" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.31	149.50
			<i>For Seal Class B, Add</i>	37.38	
			<i>For Seal Class A, Add</i>	79.74	
			<i>For Work In Restricted Working Space, Add</i>	74.75	
23 31 13	13-0615	LF	20" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
			<i>For Seal Class B, Add</i>	38.58	
			<i>For Seal Class A, Add</i>	82.31	
			<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13	13-0616	LF	20" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.73	159.15
			<i>For Seal Class B, Add</i>	39.79	
			<i>For Seal Class A, Add</i>	84.89	
			<i>For Work In Restricted Working Space, Add</i>	79.58	
23 31 13	13-0617	LF	20" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
			<i>For Seal Class B, Add</i>	41.00	
			<i>For Seal Class A, Add</i>	87.46	
			<i>For Work In Restricted Working Space, Add</i>	81.99	
23 31 13	13-0618	LF	22" x 22", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	202.48	106.10
			<i>For Seal Class B, Add</i>	26.52	
			<i>For Seal Class A, Add</i>	56.59	
			<i>For Work In Restricted Working Space, Add</i>	53.05	
23 31 13	13-0619	LF	22" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	211.68	110.93
			<i>For Seal Class B, Add</i>	27.73	
			<i>For Seal Class A, Add</i>	59.16	
			<i>For Work In Restricted Working Space, Add</i>	55.46	
23 31 13	13-0620	LF	22" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.91	115.75
			<i>For Seal Class B, Add</i>	28.94	
			<i>For Seal Class A, Add</i>	61.74	
			<i>For Work In Restricted Working Space, Add</i>	57.88	
23 31 13	13-0621	LF	22" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.09	120.57
			<i>For Seal Class B, Add</i>	30.14	
			<i>For Seal Class A, Add</i>	64.31	
			<i>For Work In Restricted Working Space, Add</i>	60.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0622 LF 22" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.31	125.40
<i>For Seal Class B, Add</i>	31.35	
<i>For Seal Class A, Add</i>	66.88	
<i>For Work In Restricted Working Space, Add</i>	62.70	
23 31 13 13-0623 LF 22" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.51	130.21
<i>For Seal Class B, Add</i>	32.55	
<i>For Seal Class A, Add</i>	69.45	
<i>For Work In Restricted Working Space, Add</i>	65.11	
23 31 13 13-0624 LF 22" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.70	135.04
<i>For Seal Class B, Add</i>	33.76	
<i>For Seal Class A, Add</i>	72.02	
<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13 13-0625 LF 22" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	266.91	139.86
<i>For Seal Class B, Add</i>	34.97	
<i>For Seal Class A, Add</i>	74.59	
<i>For Work In Restricted Working Space, Add</i>	69.93	
23 31 13 13-0626 LF 22" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
<i>For Seal Class B, Add</i>	36.17	
<i>For Seal Class A, Add</i>	77.17	
<i>For Work In Restricted Working Space, Add</i>	72.35	
23 31 13 13-0627 LF 22" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.31	149.50
<i>For Seal Class B, Add</i>	37.38	
<i>For Seal Class A, Add</i>	79.74	
<i>For Work In Restricted Working Space, Add</i>	74.75	
23 31 13 13-0628 LF 22" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
<i>For Seal Class B, Add</i>	38.58	
<i>For Seal Class A, Add</i>	82.31	
<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13 13-0629 LF 22" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.73	159.15
<i>For Seal Class B, Add</i>	39.79	
<i>For Seal Class A, Add</i>	84.89	
<i>For Work In Restricted Working Space, Add</i>	79.58	
23 31 13 13-0630 LF 22" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
<i>For Seal Class B, Add</i>	41.00	
<i>For Seal Class A, Add</i>	87.46	
<i>For Work In Restricted Working Space, Add</i>	81.99	
23 31 13 13-0631 LF 22" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.15	168.80
<i>For Seal Class B, Add</i>	42.20	
<i>For Seal Class A, Add</i>	90.03	
<i>For Work In Restricted Working Space, Add</i>	84.40	
23 31 13 13-0632 LF 24" x 24", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	220.91	115.75
<i>For Seal Class B, Add</i>	28.94	
<i>For Seal Class A, Add</i>	61.74	
<i>For Work In Restricted Working Space, Add</i>	57.88	
23 31 13 13-0633 LF 24" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	230.09	120.57
<i>For Seal Class B, Add</i>	30.14	
<i>For Seal Class A, Add</i>	64.31	
<i>For Work In Restricted Working Space, Add</i>	60.29	
23 31 13 13-0634 LF 24" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.31	125.40
<i>For Seal Class B, Add</i>	31.35	
<i>For Seal Class A, Add</i>	66.88	
<i>For Work In Restricted Working Space, Add</i>	62.70	
23 31 13 13-0635 LF 24" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.51	130.21
<i>For Seal Class B, Add</i>	32.55	
<i>For Seal Class A, Add</i>	69.45	
<i>For Work In Restricted Working Space, Add</i>	65.11	
23 31 13 13-0636 LF 24" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.70	135.04
<i>For Seal Class B, Add</i>	33.76	
<i>For Seal Class A, Add</i>	72.02	
<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13 13-0637 LF 24" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	266.91	139.86
<i>For Seal Class B, Add</i>	34.97	
<i>For Seal Class A, Add</i>	74.59	
<i>For Work In Restricted Working Space, Add</i>	69.93	
23 31 13 13-0638 LF 24" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
<i>For Seal Class B, Add</i>	36.17	
<i>For Seal Class A, Add</i>	77.17	
<i>For Work In Restricted Working Space, Add</i>	72.35	
23 31 13 13-0639 LF 24" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.31	149.50
<i>For Seal Class B, Add</i>	37.38	
<i>For Seal Class A, Add</i>	79.74	
<i>For Work In Restricted Working Space, Add</i>	74.75	
23 31 13 13-0640 LF 24" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
<i>For Seal Class B, Add</i>	38.58	
<i>For Seal Class A, Add</i>	82.31	
<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13 13-0641 LF 24" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.73	159.15
<i>For Seal Class B, Add</i>	39.79	
<i>For Seal Class A, Add</i>	84.89	
<i>For Work In Restricted Working Space, Add</i>	79.58	
23 31 13 13-0642 LF 24" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
<i>For Seal Class B, Add</i>	41.00	
<i>For Seal Class A, Add</i>	87.46	
<i>For Work In Restricted Working Space, Add</i>	81.99	
23 31 13 13-0643 LF 24" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.15	168.80
<i>For Seal Class B, Add</i>	42.20	
<i>For Seal Class A, Add</i>	90.03	
<i>For Work In Restricted Working Space, Add</i>	84.40	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0644	LF	24" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.33	173.63
			<i>For Seal Class B, Add</i>	43.41	
			<i>For Seal Class A, Add</i>	92.60	
			<i>For Work In Restricted Working Space, Add</i>	86.81	
23 31 13	13-0645	LF	26" x 26", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.31	125.40
			<i>For Seal Class B, Add</i>	31.35	
			<i>For Seal Class A, Add</i>	66.88	
			<i>For Work In Restricted Working Space, Add</i>	62.70	
23 31 13	13-0646	LF	26" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	248.51	130.21
			<i>For Seal Class B, Add</i>	32.55	
			<i>For Seal Class A, Add</i>	69.45	
			<i>For Work In Restricted Working Space, Add</i>	65.11	
23 31 13	13-0647	LF	26" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.70	135.04
			<i>For Seal Class B, Add</i>	33.76	
			<i>For Seal Class A, Add</i>	72.02	
			<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13	13-0648	LF	26" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	266.91	139.86
			<i>For Seal Class B, Add</i>	34.97	
			<i>For Seal Class A, Add</i>	74.59	
			<i>For Work In Restricted Working Space, Add</i>	69.93	
23 31 13	13-0649	LF	26" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
			<i>For Seal Class B, Add</i>	36.17	
			<i>For Seal Class A, Add</i>	77.17	
			<i>For Work In Restricted Working Space, Add</i>	72.35	
23 31 13	13-0650	LF	26" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.31	149.50
			<i>For Seal Class B, Add</i>	37.38	
			<i>For Seal Class A, Add</i>	79.74	
			<i>For Work In Restricted Working Space, Add</i>	74.75	
23 31 13	13-0651	LF	26" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
			<i>For Seal Class B, Add</i>	38.58	
			<i>For Seal Class A, Add</i>	82.31	
			<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13	13-0652	LF	26" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.73	159.15
			<i>For Seal Class B, Add</i>	39.79	
			<i>For Seal Class A, Add</i>	84.89	
			<i>For Work In Restricted Working Space, Add</i>	79.58	
23 31 13	13-0653	LF	26" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
			<i>For Seal Class B, Add</i>	41.00	
			<i>For Seal Class A, Add</i>	87.46	
			<i>For Work In Restricted Working Space, Add</i>	81.99	
23 31 13	13-0654	LF	26" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.15	168.80
			<i>For Seal Class B, Add</i>	42.20	
			<i>For Seal Class A, Add</i>	90.03	
			<i>For Work In Restricted Working Space, Add</i>	84.40	
23 31 13	13-0655	LF	26" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.33	173.63
			<i>For Seal Class B, Add</i>	43.41	
			<i>For Seal Class A, Add</i>	92.60	
			<i>For Work In Restricted Working Space, Add</i>	86.81	
23 31 13	13-0656	LF	26" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.55	178.45
			<i>For Seal Class B, Add</i>	44.61	
			<i>For Seal Class A, Add</i>	95.17	
			<i>For Work In Restricted Working Space, Add</i>	89.23	
23 31 13	13-0657	LF	28" x 28", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	257.70	135.04
			<i>For Seal Class B, Add</i>	33.76	
			<i>For Seal Class A, Add</i>	72.02	
			<i>For Work In Restricted Working Space, Add</i>	67.52	
23 31 13	13-0658	LF	28" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	266.91	139.86
			<i>For Seal Class B, Add</i>	34.97	
			<i>For Seal Class A, Add</i>	74.59	
			<i>For Work In Restricted Working Space, Add</i>	69.93	
23 31 13	13-0659	LF	28" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
			<i>For Seal Class B, Add</i>	36.17	
			<i>For Seal Class A, Add</i>	77.17	
			<i>For Work In Restricted Working Space, Add</i>	72.35	
23 31 13	13-0660	LF	28" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.31	149.50
			<i>For Seal Class B, Add</i>	37.38	
			<i>For Seal Class A, Add</i>	79.74	
			<i>For Work In Restricted Working Space, Add</i>	74.75	
23 31 13	13-0661	LF	28" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
			<i>For Seal Class B, Add</i>	38.58	
			<i>For Seal Class A, Add</i>	82.31	
			<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13	13-0662	LF	28" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.73	159.15
			<i>For Seal Class B, Add</i>	39.79	
			<i>For Seal Class A, Add</i>	84.89	
			<i>For Work In Restricted Working Space, Add</i>	79.58	
23 31 13	13-0663	LF	28" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
			<i>For Seal Class B, Add</i>	41.00	
			<i>For Seal Class A, Add</i>	87.46	
			<i>For Work In Restricted Working Space, Add</i>	81.99	
23 31 13	13-0664	LF	28" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.15	168.80
			<i>For Seal Class B, Add</i>	42.20	
			<i>For Seal Class A, Add</i>	90.03	
			<i>For Work In Restricted Working Space, Add</i>	84.40	
23 31 13	13-0665	LF	28" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.33	173.63
			<i>For Seal Class B, Add</i>	43.41	
			<i>For Seal Class A, Add</i>	92.60	
			<i>For Work In Restricted Working Space, Add</i>	86.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0666 LF 28" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.55	178.45
<i>For Seal Class B, Add</i>	44.61	
<i>For Seal Class A, Add</i>	95.17	
<i>For Work In Restricted Working Space, Add</i>	89.23	
23 31 13 13-0667 LF 28" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.74	183.28
<i>For Seal Class B, Add</i>	45.82	
<i>For Seal Class A, Add</i>	97.74	
<i>For Work In Restricted Working Space, Add</i>	91.64	
23 31 13 13-0668 LF 30" x 30", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	276.13	144.69
<i>For Seal Class B, Add</i>	36.17	
<i>For Seal Class A, Add</i>	77.17	
<i>For Work In Restricted Working Space, Add</i>	72.35	
23 31 13 13-0669 LF 30" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	285.31	149.50
<i>For Seal Class B, Add</i>	37.38	
<i>For Seal Class A, Add</i>	79.74	
<i>For Work In Restricted Working Space, Add</i>	74.75	
23 31 13 13-0670 LF 30" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
<i>For Seal Class B, Add</i>	38.58	
<i>For Seal Class A, Add</i>	82.31	
<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13 13-0671 LF 30" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.73	159.15
<i>For Seal Class B, Add</i>	39.79	
<i>For Seal Class A, Add</i>	84.89	
<i>For Work In Restricted Working Space, Add</i>	79.58	
23 31 13 13-0672 LF 30" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
<i>For Seal Class B, Add</i>	41.00	
<i>For Seal Class A, Add</i>	87.46	
<i>For Work In Restricted Working Space, Add</i>	81.99	
23 31 13 13-0673 LF 30" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.15	168.80
<i>For Seal Class B, Add</i>	42.20	
<i>For Seal Class A, Add</i>	90.03	
<i>For Work In Restricted Working Space, Add</i>	84.40	
23 31 13 13-0674 LF 30" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.33	173.63
<i>For Seal Class B, Add</i>	43.41	
<i>For Seal Class A, Add</i>	92.60	
<i>For Work In Restricted Working Space, Add</i>	86.81	
23 31 13 13-0675 LF 30" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.55	178.45
<i>For Seal Class B, Add</i>	44.61	
<i>For Seal Class A, Add</i>	95.17	
<i>For Work In Restricted Working Space, Add</i>	89.23	
23 31 13 13-0676 LF 30" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.74	183.28
<i>For Seal Class B, Add</i>	45.82	
<i>For Seal Class A, Add</i>	97.74	
<i>For Work In Restricted Working Space, Add</i>	91.64	
23 31 13 13-0677 LF 30" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.95	188.09
<i>For Seal Class B, Add</i>	47.02	
<i>For Seal Class A, Add</i>	100.32	
<i>For Work In Restricted Working Space, Add</i>	94.05	
23 31 13 13-0678 LF 32" x 32", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	294.53	154.34
<i>For Seal Class B, Add</i>	38.58	
<i>For Seal Class A, Add</i>	82.31	
<i>For Work In Restricted Working Space, Add</i>	77.17	
23 31 13 13-0679 LF 32" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	303.73	159.15
<i>For Seal Class B, Add</i>	39.79	
<i>For Seal Class A, Add</i>	84.89	
<i>For Work In Restricted Working Space, Add</i>	79.58	
23 31 13 13-0680 LF 32" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
<i>For Seal Class B, Add</i>	41.00	
<i>For Seal Class A, Add</i>	87.46	
<i>For Work In Restricted Working Space, Add</i>	81.99	
23 31 13 13-0681 LF 32" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.15	168.80
<i>For Seal Class B, Add</i>	42.20	
<i>For Seal Class A, Add</i>	90.03	
<i>For Work In Restricted Working Space, Add</i>	84.40	
23 31 13 13-0682 LF 32" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.33	173.63
<i>For Seal Class B, Add</i>	43.41	
<i>For Seal Class A, Add</i>	92.60	
<i>For Work In Restricted Working Space, Add</i>	86.81	
23 31 13 13-0683 LF 32" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.55	178.45
<i>For Seal Class B, Add</i>	44.61	
<i>For Seal Class A, Add</i>	95.17	
<i>For Work In Restricted Working Space, Add</i>	89.23	
23 31 13 13-0684 LF 32" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.74	183.28
<i>For Seal Class B, Add</i>	45.82	
<i>For Seal Class A, Add</i>	97.74	
<i>For Work In Restricted Working Space, Add</i>	91.64	
23 31 13 13-0685 LF 32" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.95	188.09
<i>For Seal Class B, Add</i>	47.02	
<i>For Seal Class A, Add</i>	100.32	
<i>For Work In Restricted Working Space, Add</i>	94.05	
23 31 13 13-0686 LF 32" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.16	192.93
<i>For Seal Class B, Add</i>	48.23	
<i>For Seal Class A, Add</i>	102.89	
<i>For Work In Restricted Working Space, Add</i>	96.46	
23 31 13 13-0687 LF 34" x 34", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	312.93	163.99
<i>For Seal Class B, Add</i>	41.00	
<i>For Seal Class A, Add</i>	87.46	
<i>For Work In Restricted Working Space, Add</i>	81.99	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0688	LF	34" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	322.15	168.80
			<i>For Seal Class B, Add</i>	42.20	
			<i>For Seal Class A, Add</i>	90.03	
			<i>For Work In Restricted Working Space, Add</i>	84.40	
23 31 13	13-0689	LF	34" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.33	173.63
			<i>For Seal Class B, Add</i>	43.41	
			<i>For Seal Class A, Add</i>	92.60	
			<i>For Work In Restricted Working Space, Add</i>	86.81	
23 31 13	13-0690	LF	34" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.55	178.45
			<i>For Seal Class B, Add</i>	44.61	
			<i>For Seal Class A, Add</i>	95.17	
			<i>For Work In Restricted Working Space, Add</i>	89.23	
23 31 13	13-0691	LF	34" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.74	183.28
			<i>For Seal Class B, Add</i>	45.82	
			<i>For Seal Class A, Add</i>	97.74	
			<i>For Work In Restricted Working Space, Add</i>	91.64	
23 31 13	13-0692	LF	34" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.95	188.09
			<i>For Seal Class B, Add</i>	47.02	
			<i>For Seal Class A, Add</i>	100.32	
			<i>For Work In Restricted Working Space, Add</i>	94.05	
23 31 13	13-0693	LF	34" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.16	192.93
			<i>For Seal Class B, Add</i>	48.23	
			<i>For Seal Class A, Add</i>	102.89	
			<i>For Work In Restricted Working Space, Add</i>	96.46	
23 31 13	13-0694	LF	34" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.35	197.74
			<i>For Seal Class B, Add</i>	49.43	
			<i>For Seal Class A, Add</i>	105.46	
			<i>For Work In Restricted Working Space, Add</i>	98.87	
23 31 13	13-0695	LF	36" x 36", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	331.33	173.63
			<i>For Seal Class B, Add</i>	43.41	
			<i>For Seal Class A, Add</i>	92.60	
			<i>For Work In Restricted Working Space, Add</i>	86.81	
23 31 13	13-0696	LF	36" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	340.55	178.45
			<i>For Seal Class B, Add</i>	44.61	
			<i>For Seal Class A, Add</i>	95.17	
			<i>For Work In Restricted Working Space, Add</i>	89.23	
23 31 13	13-0697	LF	36" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.74	183.28
			<i>For Seal Class B, Add</i>	45.82	
			<i>For Seal Class A, Add</i>	97.74	
			<i>For Work In Restricted Working Space, Add</i>	91.64	
23 31 13	13-0698	LF	36" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.95	188.09
			<i>For Seal Class B, Add</i>	47.02	
			<i>For Seal Class A, Add</i>	100.32	
			<i>For Work In Restricted Working Space, Add</i>	94.05	
23 31 13	13-0699	LF	36" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.16	192.93
			<i>For Seal Class B, Add</i>	48.23	
			<i>For Seal Class A, Add</i>	102.89	
			<i>For Work In Restricted Working Space, Add</i>	96.46	
23 31 13	13-0700	LF	36" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.35	197.74
			<i>For Seal Class B, Add</i>	49.43	
			<i>For Seal Class A, Add</i>	105.46	
			<i>For Work In Restricted Working Space, Add</i>	98.87	
23 31 13	13-0701	LF	36" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.56	202.57
			<i>For Seal Class B, Add</i>	50.64	
			<i>For Seal Class A, Add</i>	108.03	
			<i>For Work In Restricted Working Space, Add</i>	101.28	
23 31 13	13-0702	LF	38" x 38", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	349.74	183.28
			<i>For Seal Class B, Add</i>	45.82	
			<i>For Seal Class A, Add</i>	97.74	
			<i>For Work In Restricted Working Space, Add</i>	91.64	
23 31 13	13-0703	LF	38" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	358.95	188.09
			<i>For Seal Class B, Add</i>	47.02	
			<i>For Seal Class A, Add</i>	100.32	
			<i>For Work In Restricted Working Space, Add</i>	94.05	
23 31 13	13-0704	LF	38" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.16	192.93
			<i>For Seal Class B, Add</i>	48.23	
			<i>For Seal Class A, Add</i>	102.89	
			<i>For Work In Restricted Working Space, Add</i>	96.46	
23 31 13	13-0705	LF	38" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.35	197.74
			<i>For Seal Class B, Add</i>	49.43	
			<i>For Seal Class A, Add</i>	105.46	
			<i>For Work In Restricted Working Space, Add</i>	98.87	
23 31 13	13-0706	LF	38" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.56	202.57
			<i>For Seal Class B, Add</i>	50.64	
			<i>For Seal Class A, Add</i>	108.03	
			<i>For Work In Restricted Working Space, Add</i>	101.28	
23 31 13	13-0707	LF	38" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.78	207.39
			<i>For Seal Class B, Add</i>	51.85	
			<i>For Seal Class A, Add</i>	110.61	
			<i>For Work In Restricted Working Space, Add</i>	103.70	
23 31 13	13-0708	LF	38" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.98	212.22
			<i>For Seal Class B, Add</i>	53.05	
			<i>For Seal Class A, Add</i>	113.18	
			<i>For Work In Restricted Working Space, Add</i>	106.11	
23 31 13	13-0709	LF	40" x 40", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	368.16	192.93
			<i>For Seal Class B, Add</i>	48.23	
			<i>For Seal Class A, Add</i>	102.89	
			<i>For Work In Restricted Working Space, Add</i>	96.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0710 LF 40" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	377.35	197.74
<i>For Seal Class B, Add</i>	49.43	
<i>For Seal Class A, Add</i>	105.46	
<i>For Work In Restricted Working Space, Add</i>	98.87	
23 31 13 13-0711 LF 40" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.56	202.57
<i>For Seal Class B, Add</i>	50.64	
<i>For Seal Class A, Add</i>	108.03	
<i>For Work In Restricted Working Space, Add</i>	101.28	
23 31 13 13-0712 LF 40" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.78	207.39
<i>For Seal Class B, Add</i>	51.85	
<i>For Seal Class A, Add</i>	110.61	
<i>For Work In Restricted Working Space, Add</i>	103.70	
23 31 13 13-0713 LF 40" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.98	212.22
<i>For Seal Class B, Add</i>	53.05	
<i>For Seal Class A, Add</i>	113.18	
<i>For Work In Restricted Working Space, Add</i>	106.11	
23 31 13 13-0714 LF 40" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	414.18	217.03
<i>For Seal Class B, Add</i>	54.26	
<i>For Seal Class A, Add</i>	115.75	
<i>For Work In Restricted Working Space, Add</i>	108.52	
23 31 13 13-0715 LF 40" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	423.37	221.86
<i>For Seal Class B, Add</i>	55.46	
<i>For Seal Class A, Add</i>	118.32	
<i>For Work In Restricted Working Space, Add</i>	110.93	
23 31 13 13-0716 LF 40" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	432.58	226.68
<i>For Seal Class B, Add</i>	56.67	
<i>For Seal Class A, Add</i>	120.89	
<i>For Work In Restricted Working Space, Add</i>	113.34	
23 31 13 13-0717 LF 40" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	441.79	231.50
<i>For Seal Class B, Add</i>	57.87	
<i>For Seal Class A, Add</i>	123.47	
<i>For Work In Restricted Working Space, Add</i>	115.75	
23 31 13 13-0718 LF 42" x 42", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	386.56	202.57
<i>For Seal Class B, Add</i>	50.64	
<i>For Seal Class A, Add</i>	108.03	
<i>For Work In Restricted Working Space, Add</i>	101.28	
23 31 13 13-0719 LF 42" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.78	207.39
<i>For Seal Class B, Add</i>	51.85	
<i>For Seal Class A, Add</i>	110.61	
<i>For Work In Restricted Working Space, Add</i>	103.70	
23 31 13 13-0720 LF 42" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.98	212.22
<i>For Seal Class B, Add</i>	53.05	
<i>For Seal Class A, Add</i>	113.18	
<i>For Work In Restricted Working Space, Add</i>	106.11	
23 31 13 13-0721 LF 42" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	414.18	217.03
<i>For Seal Class B, Add</i>	54.26	
<i>For Seal Class A, Add</i>	115.75	
<i>For Work In Restricted Working Space, Add</i>	108.52	
23 31 13 13-0722 LF 42" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	423.37	221.86
<i>For Seal Class B, Add</i>	55.46	
<i>For Seal Class A, Add</i>	118.32	
<i>For Work In Restricted Working Space, Add</i>	110.93	
23 31 13 13-0723 LF 42" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	432.58	226.68
<i>For Seal Class B, Add</i>	56.67	
<i>For Seal Class A, Add</i>	120.89	
<i>For Work In Restricted Working Space, Add</i>	113.34	
23 31 13 13-0724 LF 42" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	441.79	231.50
<i>For Seal Class B, Add</i>	57.87	
<i>For Seal Class A, Add</i>	123.47	
<i>For Work In Restricted Working Space, Add</i>	115.75	
23 31 13 13-0725 LF 42" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	450.98	236.33
<i>For Seal Class B, Add</i>	59.08	
<i>For Seal Class A, Add</i>	126.04	
<i>For Work In Restricted Working Space, Add</i>	118.16	
23 31 13 13-0726 LF 44" x 44", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	404.98	212.22
<i>For Seal Class B, Add</i>	53.05	
<i>For Seal Class A, Add</i>	113.18	
<i>For Work In Restricted Working Space, Add</i>	106.11	
23 31 13 13-0727 LF 44" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	414.18	217.03
<i>For Seal Class B, Add</i>	54.26	
<i>For Seal Class A, Add</i>	115.75	
<i>For Work In Restricted Working Space, Add</i>	108.52	
23 31 13 13-0728 LF 44" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	423.37	221.86
<i>For Seal Class B, Add</i>	55.46	
<i>For Seal Class A, Add</i>	118.32	
<i>For Work In Restricted Working Space, Add</i>	110.93	
23 31 13 13-0729 LF 44" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	432.58	226.68
<i>For Seal Class B, Add</i>	56.67	
<i>For Seal Class A, Add</i>	120.89	
<i>For Work In Restricted Working Space, Add</i>	113.34	
23 31 13 13-0730 LF 44" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	441.79	231.50
<i>For Seal Class B, Add</i>	57.87	
<i>For Seal Class A, Add</i>	123.47	
<i>For Work In Restricted Working Space, Add</i>	115.75	
23 31 13 13-0731 LF 44" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	450.98	236.33
<i>For Seal Class B, Add</i>	59.08	
<i>For Seal Class A, Add</i>	126.04	
<i>For Work In Restricted Working Space, Add</i>	118.16	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13	13-0732	LF 44" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	460.20	241.15
			<i>For Seal Class B, Add</i>	60.29	
			<i>For Seal Class A, Add</i>	128.61	
			<i>For Work In Restricted Working Space, Add</i>	120.57	
23 31	13	13-0733	LF 46" x 46", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	423.37	221.86
			<i>For Seal Class B, Add</i>	55.46	
			<i>For Seal Class A, Add</i>	118.32	
			<i>For Work In Restricted Working Space, Add</i>	110.93	
23 31	13	13-0734	LF 46" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	432.58	226.68
			<i>For Seal Class B, Add</i>	56.67	
			<i>For Seal Class A, Add</i>	120.89	
			<i>For Work In Restricted Working Space, Add</i>	113.34	
23 31	13	13-0735	LF 46" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	441.79	231.50
			<i>For Seal Class B, Add</i>	57.87	
			<i>For Seal Class A, Add</i>	123.47	
			<i>For Work In Restricted Working Space, Add</i>	115.75	
23 31	13	13-0736	LF 46" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	450.98	236.33
			<i>For Seal Class B, Add</i>	59.08	
			<i>For Seal Class A, Add</i>	126.04	
			<i>For Work In Restricted Working Space, Add</i>	118.16	
23 31	13	13-0737	LF 46" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	460.20	241.15
			<i>For Seal Class B, Add</i>	60.29	
			<i>For Seal Class A, Add</i>	128.61	
			<i>For Work In Restricted Working Space, Add</i>	120.57	
23 31	13	13-0738	LF 46" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	477.45	250.80
			<i>For Seal Class B, Add</i>	62.70	
			<i>For Seal Class A, Add</i>	133.76	
			<i>For Work In Restricted Working Space, Add</i>	125.40	
23 31	13	13-0739	LF 46" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	486.64	255.62
			<i>For Seal Class B, Add</i>	63.90	
			<i>For Seal Class A, Add</i>	136.33	
			<i>For Work In Restricted Working Space, Add</i>	127.81	
23 31	13	13-0740	LF 48" x 48", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	441.79	231.50
			<i>For Seal Class B, Add</i>	57.87	
			<i>For Seal Class A, Add</i>	123.47	
			<i>For Work In Restricted Working Space, Add</i>	115.75	
23 31	13	13-0741	LF 48" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	450.98	236.33
			<i>For Seal Class B, Add</i>	59.08	
			<i>For Seal Class A, Add</i>	126.04	
			<i>For Work In Restricted Working Space, Add</i>	118.16	
23 31	13	13-0742	LF 48" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	460.20	241.15
			<i>For Seal Class B, Add</i>	60.29	
			<i>For Seal Class A, Add</i>	128.61	
			<i>For Work In Restricted Working Space, Add</i>	120.57	
23 31	13	13-0743	LF 48" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	469.42	245.97
			<i>For Seal Class B, Add</i>	61.49	
			<i>For Seal Class A, Add</i>	131.19	
			<i>For Work In Restricted Working Space, Add</i>	122.99	
23 31	13	13-0744	LF 48" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	478.60	250.80
			<i>For Seal Class B, Add</i>	62.70	
			<i>For Seal Class A, Add</i>	133.76	
			<i>For Work In Restricted Working Space, Add</i>	125.40	
23 31	13	13-0745	LF 48" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	487.82	255.62
			<i>For Seal Class B, Add</i>	63.90	
			<i>For Seal Class A, Add</i>	136.33	
			<i>For Work In Restricted Working Space, Add</i>	127.81	
23 31	13	13-0746	LF 48" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	497.00	260.44
			<i>For Seal Class B, Add</i>	65.11	
			<i>For Seal Class A, Add</i>	138.90	
			<i>For Work In Restricted Working Space, Add</i>	130.22	
23 31	13	13-0747	LF 50" x 50", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	460.20	241.15
			<i>For Seal Class B, Add</i>	60.29	
			<i>For Seal Class A, Add</i>	128.61	
			<i>For Work In Restricted Working Space, Add</i>	120.57	
23 31	13	13-0748	LF 50" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	469.42	245.97
			<i>For Seal Class B, Add</i>	61.49	
			<i>For Seal Class A, Add</i>	131.19	
			<i>For Work In Restricted Working Space, Add</i>	122.99	
23 31	13	13-0749	LF 50" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	478.60	250.80
			<i>For Seal Class B, Add</i>	62.70	
			<i>For Seal Class A, Add</i>	133.76	
			<i>For Work In Restricted Working Space, Add</i>	125.40	
23 31	13	13-0750	LF 50" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	487.82	255.62
			<i>For Seal Class B, Add</i>	63.90	
			<i>For Seal Class A, Add</i>	136.33	
			<i>For Work In Restricted Working Space, Add</i>	127.81	
23 31	13	13-0751	LF 50" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	497.00	260.44
			<i>For Seal Class B, Add</i>	65.11	
			<i>For Seal Class A, Add</i>	138.90	
			<i>For Work In Restricted Working Space, Add</i>	130.22	
23 31	13	13-0752	LF 50" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	506.21	265.27
			<i>For Seal Class B, Add</i>	66.32	
			<i>For Seal Class A, Add</i>	141.47	
			<i>For Work In Restricted Working Space, Add</i>	132.63	
23 31	13	13-0753	LF 52" x 52", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	478.60	250.80
			<i>For Seal Class B, Add</i>	62.70	
			<i>For Seal Class A, Add</i>	133.76	
			<i>For Work In Restricted Working Space, Add</i>	125.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0754 LF 52" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	487.82	255.62
For Seal Class B, Add	63.90	
For Seal Class A, Add	136.33	
For Work In Restricted Working Space, Add	127.81	
23 31 13 13-0755 LF 52" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	497.00	260.44
For Seal Class B, Add	65.11	
For Seal Class A, Add	138.90	
For Work In Restricted Working Space, Add	130.22	
23 31 13 13-0756 LF 52" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	506.21	265.27
For Seal Class B, Add	66.32	
For Seal Class A, Add	141.47	
For Work In Restricted Working Space, Add	132.63	
23 31 13 13-0757 LF 52" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.44	270.09
For Seal Class B, Add	67.52	
For Seal Class A, Add	144.05	
For Work In Restricted Working Space, Add	135.05	
23 31 13 13-0758 LF 54" x 54", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	497.00	260.44
For Seal Class B, Add	65.11	
For Seal Class A, Add	138.90	
For Work In Restricted Working Space, Add	130.22	
23 31 13 13-0759 LF 54" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	506.21	265.27
For Seal Class B, Add	66.32	
For Seal Class A, Add	141.47	
For Work In Restricted Working Space, Add	132.63	
23 31 13 13-0760 LF 54" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.44	270.09
For Seal Class B, Add	67.52	
For Seal Class A, Add	144.05	
For Work In Restricted Working Space, Add	135.05	
23 31 13 13-0761 LF 54" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	524.62	274.90
For Seal Class B, Add	68.73	
For Seal Class A, Add	146.62	
For Work In Restricted Working Space, Add	137.45	
23 31 13 13-0762 LF 54" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	533.83	279.73
For Seal Class B, Add	69.93	
For Seal Class A, Add	149.19	
For Work In Restricted Working Space, Add	139.87	
23 31 13 13-0763 LF 54" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	543.02	284.55
For Seal Class B, Add	71.14	
For Seal Class A, Add	151.76	
For Work In Restricted Working Space, Add	142.28	
23 31 13 13-0764 LF 56" x 56", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.44	270.09
For Seal Class B, Add	67.52	
For Seal Class A, Add	144.05	
For Work In Restricted Working Space, Add	135.05	
23 31 13 13-0765 LF 56" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	524.62	274.90
For Seal Class B, Add	68.73	
For Seal Class A, Add	146.62	
For Work In Restricted Working Space, Add	137.45	
23 31 13 13-0766 LF 56" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	533.83	279.73
For Seal Class B, Add	69.93	
For Seal Class A, Add	149.19	
For Work In Restricted Working Space, Add	139.87	
23 31 13 13-0767 LF 56" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	543.02	284.55
For Seal Class B, Add	71.14	
For Seal Class A, Add	151.76	
For Work In Restricted Working Space, Add	142.28	
23 31 13 13-0768 LF 56" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	552.23	289.37
For Seal Class B, Add	72.34	
For Seal Class A, Add	154.33	
For Work In Restricted Working Space, Add	144.69	
23 31 13 13-0769 LF 58" x 58", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	533.83	279.73
For Seal Class B, Add	69.93	
For Seal Class A, Add	149.19	
For Work In Restricted Working Space, Add	139.87	
23 31 13 13-0770 LF 58" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	543.02	284.55
For Seal Class B, Add	71.14	
For Seal Class A, Add	151.76	
For Work In Restricted Working Space, Add	142.28	
23 31 13 13-0771 LF 58" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	552.23	289.37
For Seal Class B, Add	72.34	
For Seal Class A, Add	154.33	
For Work In Restricted Working Space, Add	144.69	
23 31 13 13-0772 LF 58" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	561.43	294.20
For Seal Class B, Add	73.55	
For Seal Class A, Add	156.90	
For Work In Restricted Working Space, Add	147.10	
23 31 13 13-0773 LF 58" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	570.64	299.02
For Seal Class B, Add	74.76	
For Seal Class A, Add	159.48	
For Work In Restricted Working Space, Add	149.51	
23 31 13 13-0774 LF 60" x 60", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	552.23	289.37
For Seal Class B, Add	72.34	
For Seal Class A, Add	154.33	
For Work In Restricted Working Space, Add	144.69	
23 31 13 13-0775 LF 60" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	561.43	294.20
For Seal Class B, Add	73.55	
For Seal Class A, Add	156.90	
For Work In Restricted Working Space, Add	147.10	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0776	LF	60" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	570.64	299.02
			<i>For Seal Class B, Add</i>	74.76	
			<i>For Seal Class A, Add</i>	159.48	
			<i>For Work In Restricted Working Space, Add</i>	149.51	
23 31 13	13-0777	LF	60" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	579.86	303.84
			<i>For Seal Class B, Add</i>	75.96	
			<i>For Seal Class A, Add</i>	162.05	
			<i>For Work In Restricted Working Space, Add</i>	151.93	
23 31 13	13-0778	LF	60" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	589.06	308.67
			<i>For Seal Class B, Add</i>	77.17	
			<i>For Seal Class A, Add</i>	164.62	
			<i>For Work In Restricted Working Space, Add</i>	154.34	
23 31 13	13-0779	LF	62" x 62", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	570.64	299.02
			<i>For Seal Class B, Add</i>	74.76	
			<i>For Seal Class A, Add</i>	159.48	
			<i>For Work In Restricted Working Space, Add</i>	149.51	
23 31 13	13-0780	LF	62" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	579.86	303.84
			<i>For Seal Class B, Add</i>	75.96	
			<i>For Seal Class A, Add</i>	162.05	
			<i>For Work In Restricted Working Space, Add</i>	151.93	
23 31 13	13-0781	LF	62" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	589.06	308.67
			<i>For Seal Class B, Add</i>	77.17	
			<i>For Seal Class A, Add</i>	164.62	
			<i>For Work In Restricted Working Space, Add</i>	154.34	
23 31 13	13-0782	LF	62" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	598.26	313.49
			<i>For Seal Class B, Add</i>	78.37	
			<i>For Seal Class A, Add</i>	167.20	
			<i>For Work In Restricted Working Space, Add</i>	156.75	
23 31 13	13-0783	LF	62" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	607.46	318.31
			<i>For Seal Class B, Add</i>	79.58	
			<i>For Seal Class A, Add</i>	169.77	
			<i>For Work In Restricted Working Space, Add</i>	159.16	
23 31 13	13-0784	LF	64" x 64", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	589.06	308.67
			<i>For Seal Class B, Add</i>	77.17	
			<i>For Seal Class A, Add</i>	164.62	
			<i>For Work In Restricted Working Space, Add</i>	154.34	
23 31 13	13-0785	LF	64" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	598.26	313.49
			<i>For Seal Class B, Add</i>	78.37	
			<i>For Seal Class A, Add</i>	167.20	
			<i>For Work In Restricted Working Space, Add</i>	156.75	
23 31 13	13-0786	LF	64" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	607.46	318.31
			<i>For Seal Class B, Add</i>	79.58	
			<i>For Seal Class A, Add</i>	169.77	
			<i>For Work In Restricted Working Space, Add</i>	159.16	
23 31 13	13-0787	LF	64" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	616.65	323.14
			<i>For Seal Class B, Add</i>	80.78	
			<i>For Seal Class A, Add</i>	172.34	
			<i>For Work In Restricted Working Space, Add</i>	161.57	
23 31 13	13-0788	LF	66" x 66", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	607.46	318.31
			<i>For Seal Class B, Add</i>	79.58	
			<i>For Seal Class A, Add</i>	169.77	
			<i>For Work In Restricted Working Space, Add</i>	159.16	
23 31 13	13-0789	LF	66" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	616.65	323.14
			<i>For Seal Class B, Add</i>	80.78	
			<i>For Seal Class A, Add</i>	172.34	
			<i>For Work In Restricted Working Space, Add</i>	161.57	
23 31 13	13-0790	LF	66" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	625.86	327.95
			<i>For Seal Class B, Add</i>	81.99	
			<i>For Seal Class A, Add</i>	174.91	
			<i>For Work In Restricted Working Space, Add</i>	163.98	
23 31 13	13-0791	LF	66" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	635.07	332.78
			<i>For Seal Class B, Add</i>	83.19	
			<i>For Seal Class A, Add</i>	177.48	
			<i>For Work In Restricted Working Space, Add</i>	166.39	
23 31 13	13-0792	LF	68" x 68", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	625.86	327.95
			<i>For Seal Class B, Add</i>	81.99	
			<i>For Seal Class A, Add</i>	174.91	
			<i>For Work In Restricted Working Space, Add</i>	163.98	
23 31 13	13-0793	LF	68" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	635.07	332.78
			<i>For Seal Class B, Add</i>	83.19	
			<i>For Seal Class A, Add</i>	177.48	
			<i>For Work In Restricted Working Space, Add</i>	166.39	
23 31 13	13-0794	LF	68" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	644.27	337.60
			<i>For Seal Class B, Add</i>	84.40	
			<i>For Seal Class A, Add</i>	180.06	
			<i>For Work In Restricted Working Space, Add</i>	168.80	
23 31 13	13-0795	LF	68" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	653.49	342.43
			<i>For Seal Class B, Add</i>	85.61	
			<i>For Seal Class A, Add</i>	182.63	
			<i>For Work In Restricted Working Space, Add</i>	171.22	
23 31 13	13-0796	LF	70" x 70", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	644.27	337.60
			<i>For Seal Class B, Add</i>	84.40	
			<i>For Seal Class A, Add</i>	180.06	
			<i>For Work In Restricted Working Space, Add</i>	168.80	
23 31 13	13-0797	LF	70" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	653.49	342.43
			<i>For Seal Class B, Add</i>	85.61	
			<i>For Seal Class A, Add</i>	182.63	
			<i>For Work In Restricted Working Space, Add</i>	171.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0798 LF 70" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	662.70	347.24
<i>For Seal Class B, Add</i>	86.81	
<i>For Seal Class A, Add</i>	185.20	
<i>For Work In Restricted Working Space, Add</i>	173.63	
23 31 13 13-0799 LF 70" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	671.88	352.08
<i>For Seal Class B, Add</i>	88.02	
<i>For Seal Class A, Add</i>	187.77	
<i>For Work In Restricted Working Space, Add</i>	176.04	
23 31 13 13-0800 LF 70" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.10	356.89
<i>For Seal Class B, Add</i>	89.22	
<i>For Seal Class A, Add</i>	190.35	
<i>For Work In Restricted Working Space, Add</i>	178.45	
23 31 13 13-0801 LF 70" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.28	361.72
<i>For Seal Class B, Add</i>	90.43	
<i>For Seal Class A, Add</i>	192.92	
<i>For Work In Restricted Working Space, Add</i>	180.86	
23 31 13 13-0802 LF 70" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	699.50	366.54
<i>For Seal Class B, Add</i>	91.64	
<i>For Seal Class A, Add</i>	195.49	
<i>For Work In Restricted Working Space, Add</i>	183.27	
23 31 13 13-0803 LF 70" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	708.71	371.37
<i>For Seal Class B, Add</i>	92.84	
<i>For Seal Class A, Add</i>	198.06	
<i>For Work In Restricted Working Space, Add</i>	185.68	
23 31 13 13-0804 LF 72" x 72", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	662.70	347.24
<i>For Seal Class B, Add</i>	86.81	
<i>For Seal Class A, Add</i>	185.20	
<i>For Work In Restricted Working Space, Add</i>	173.63	
23 31 13 13-0805 LF 72" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	671.88	352.08
<i>For Seal Class B, Add</i>	88.02	
<i>For Seal Class A, Add</i>	187.77	
<i>For Work In Restricted Working Space, Add</i>	176.04	
23 31 13 13-0806 LF 72" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.10	356.89
<i>For Seal Class B, Add</i>	89.22	
<i>For Seal Class A, Add</i>	190.35	
<i>For Work In Restricted Working Space, Add</i>	178.45	
23 31 13 13-0807 LF 72" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.28	361.72
<i>For Seal Class B, Add</i>	90.43	
<i>For Seal Class A, Add</i>	192.92	
<i>For Work In Restricted Working Space, Add</i>	180.86	
23 31 13 13-0808 LF 72" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	699.50	366.54
<i>For Seal Class B, Add</i>	91.64	
<i>For Seal Class A, Add</i>	195.49	
<i>For Work In Restricted Working Space, Add</i>	183.27	
23 31 13 13-0809 LF 72" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	708.71	371.37
<i>For Seal Class B, Add</i>	92.84	
<i>For Seal Class A, Add</i>	198.06	
<i>For Work In Restricted Working Space, Add</i>	185.68	
23 31 13 13-0810 LF 72" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	717.90	376.18
<i>For Seal Class B, Add</i>	94.05	
<i>For Seal Class A, Add</i>	200.63	
<i>For Work In Restricted Working Space, Add</i>	188.09	
23 31 13 13-0811 LF 74" x 74", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	681.10	356.89
<i>For Seal Class B, Add</i>	89.22	
<i>For Seal Class A, Add</i>	190.35	
<i>For Work In Restricted Working Space, Add</i>	178.45	
23 31 13 13-0812 LF 74" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	690.28	361.72
<i>For Seal Class B, Add</i>	90.43	
<i>For Seal Class A, Add</i>	192.92	
<i>For Work In Restricted Working Space, Add</i>	180.86	
23 31 13 13-0813 LF 74" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	699.50	366.54
<i>For Seal Class B, Add</i>	91.64	
<i>For Seal Class A, Add</i>	195.49	
<i>For Work In Restricted Working Space, Add</i>	183.27	
23 31 13 13-0814 LF 74" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	708.71	371.37
<i>For Seal Class B, Add</i>	92.84	
<i>For Seal Class A, Add</i>	198.06	
<i>For Work In Restricted Working Space, Add</i>	185.68	
23 31 13 13-0815 LF 74" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	717.90	376.18
<i>For Seal Class B, Add</i>	94.05	
<i>For Seal Class A, Add</i>	200.63	
<i>For Work In Restricted Working Space, Add</i>	188.09	
23 31 13 13-0816 LF 74" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	727.11	381.02
<i>For Seal Class B, Add</i>	95.25	
<i>For Seal Class A, Add</i>	203.21	
<i>For Work In Restricted Working Space, Add</i>	190.51	
23 31 13 13-0817 LF 76" x 76", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	699.50	366.54
<i>For Seal Class B, Add</i>	91.64	
<i>For Seal Class A, Add</i>	195.49	
<i>For Work In Restricted Working Space, Add</i>	183.27	
23 31 13 13-0818 LF 76" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	708.71	371.37
<i>For Seal Class B, Add</i>	92.84	
<i>For Seal Class A, Add</i>	198.06	
<i>For Work In Restricted Working Space, Add</i>	185.68	
23 31 13 13-0819 LF 76" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	717.90	376.18
<i>For Seal Class B, Add</i>	94.05	
<i>For Seal Class A, Add</i>	200.63	
<i>For Work In Restricted Working Space, Add</i>	188.09	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0820	LF	76" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	727.11	381.02
			<i>For Seal Class B, Add</i>	95.25	
			<i>For Seal Class A, Add</i>	203.21	
			<i>For Work In Restricted Working Space, Add</i>	190.51	
23 31 13	13-0821	LF	76" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	736.30	385.83
			<i>For Seal Class B, Add</i>	96.46	
			<i>For Seal Class A, Add</i>	205.78	
			<i>For Work In Restricted Working Space, Add</i>	192.92	
23 31 13	13-0822	LF	78" x 78", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	717.90	376.18
			<i>For Seal Class B, Add</i>	94.05	
			<i>For Seal Class A, Add</i>	200.63	
			<i>For Work In Restricted Working Space, Add</i>	188.09	
23 31 13	13-0823	LF	78" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	727.11	381.02
			<i>For Seal Class B, Add</i>	95.25	
			<i>For Seal Class A, Add</i>	203.21	
			<i>For Work In Restricted Working Space, Add</i>	190.51	
23 31 13	13-0824	LF	78" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	736.30	385.83
			<i>For Seal Class B, Add</i>	96.46	
			<i>For Seal Class A, Add</i>	205.78	
			<i>For Work In Restricted Working Space, Add</i>	192.92	
23 31 13	13-0825	LF	78" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	745.52	390.66
			<i>For Seal Class B, Add</i>	97.67	
			<i>For Seal Class A, Add</i>	208.35	
			<i>For Work In Restricted Working Space, Add</i>	195.33	
23 31 13	13-0826	LF	80" x 80", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	736.30	385.83
			<i>For Seal Class B, Add</i>	96.46	
			<i>For Seal Class A, Add</i>	205.78	
			<i>For Work In Restricted Working Space, Add</i>	192.92	
23 31 13	13-0827	LF	80" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	745.52	390.66
			<i>For Seal Class B, Add</i>	97.67	
			<i>For Seal Class A, Add</i>	208.35	
			<i>For Work In Restricted Working Space, Add</i>	195.33	
23 31 13	13-0828	LF	80" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	754.72	395.48
			<i>For Seal Class B, Add</i>	98.87	
			<i>For Seal Class A, Add</i>	210.92	
			<i>For Work In Restricted Working Space, Add</i>	197.74	
23 31 13	13-0829	LF	82" x 82", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	754.72	395.48
			<i>For Seal Class B, Add</i>	98.87	
			<i>For Seal Class A, Add</i>	210.92	
			<i>For Work In Restricted Working Space, Add</i>	197.74	
23 31 13	13-0830	LF	82" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	763.93	400.31
			<i>For Seal Class B, Add</i>	100.08	
			<i>For Seal Class A, Add</i>	213.50	
			<i>For Work In Restricted Working Space, Add</i>	200.15	
23 31 13	13-0831	LF	84" x 84", 20 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	773.13	405.12
			<i>For Seal Class B, Add</i>	101.28	
			<i>For Seal Class A, Add</i>	216.07	
			<i>For Work In Restricted Working Space, Add</i>	202.56	
23 31 13	13-0832		18 Gauge Galvanized Steel Metal Ductwork (23 31 13 13-0014)		
23 31 13	13-0833	LF	4" x 4", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	47.94	25.11
			<i>For Seal Class B, Add</i>	6.28	
			<i>For Seal Class A, Add</i>	13.40	
			<i>For Work In Restricted Working Space, Add</i>	12.56	
23 31 13	13-0834	LF	4" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	59.92	31.39
			<i>For Seal Class B, Add</i>	7.85	
			<i>For Seal Class A, Add</i>	16.75	
			<i>For Work In Restricted Working Space, Add</i>	15.70	
23 31 13	13-0835	LF	4" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.89	37.68
			<i>For Seal Class B, Add</i>	9.42	
			<i>For Seal Class A, Add</i>	20.09	
			<i>For Work In Restricted Working Space, Add</i>	18.84	
23 31 13	13-0836	LF	4" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.87	43.95
			<i>For Seal Class B, Add</i>	10.99	
			<i>For Seal Class A, Add</i>	23.44	
			<i>For Work In Restricted Working Space, Add</i>	21.98	
23 31 13	13-0837	LF	4" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.87	50.24
			<i>For Seal Class B, Add</i>	12.56	
			<i>For Seal Class A, Add</i>	26.79	
			<i>For Work In Restricted Working Space, Add</i>	25.12	
23 31 13	13-0838	LF	4" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	107.84	56.51
			<i>For Seal Class B, Add</i>	14.13	
			<i>For Seal Class A, Add</i>	30.14	
			<i>For Work In Restricted Working Space, Add</i>	28.25	
23 31 13	13-0839	LF	4" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	119.83	62.79
			<i>For Seal Class B, Add</i>	15.70	
			<i>For Seal Class A, Add</i>	33.49	
			<i>For Work In Restricted Working Space, Add</i>	31.40	
23 31 13	13-0840	LF	6" x 6", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	71.89	37.68
			<i>For Seal Class B, Add</i>	9.42	
			<i>For Seal Class A, Add</i>	20.09	
			<i>For Work In Restricted Working Space, Add</i>	18.84	
23 31 13	13-0841	LF	6" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	83.87	43.95
			<i>For Seal Class B, Add</i>	10.99	
			<i>For Seal Class A, Add</i>	23.44	
			<i>For Work In Restricted Working Space, Add</i>	21.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0842 LF 6" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.87	50.24
<i>For Seal Class B, Add</i>	12.56	
<i>For Seal Class A, Add</i>	26.79	
<i>For Work In Restricted Working Space, Add</i>	25.12	
23 31 13 13-0843 LF 6" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	107.84	56.51
<i>For Seal Class B, Add</i>	14.13	
<i>For Seal Class A, Add</i>	30.14	
<i>For Work In Restricted Working Space, Add</i>	28.25	
23 31 13 13-0844 LF 6" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	119.83	62.79
<i>For Seal Class B, Add</i>	15.70	
<i>For Seal Class A, Add</i>	33.49	
<i>For Work In Restricted Working Space, Add</i>	31.40	
23 31 13 13-0845 LF 6" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.81	69.07
<i>For Seal Class B, Add</i>	17.27	
<i>For Seal Class A, Add</i>	36.84	
<i>For Work In Restricted Working Space, Add</i>	34.54	
23 31 13 13-0846 LF 8" x 8", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	95.87	50.24
<i>For Seal Class B, Add</i>	12.56	
<i>For Seal Class A, Add</i>	26.79	
<i>For Work In Restricted Working Space, Add</i>	25.12	
23 31 13 13-0847 LF 8" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	107.84	56.51
<i>For Seal Class B, Add</i>	14.13	
<i>For Seal Class A, Add</i>	30.14	
<i>For Work In Restricted Working Space, Add</i>	28.25	
23 31 13 13-0848 LF 8" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	119.83	62.79
<i>For Seal Class B, Add</i>	15.70	
<i>For Seal Class A, Add</i>	33.49	
<i>For Work In Restricted Working Space, Add</i>	31.40	
23 31 13 13-0849 LF 8" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.81	69.07
<i>For Seal Class B, Add</i>	17.27	
<i>For Seal Class A, Add</i>	36.84	
<i>For Work In Restricted Working Space, Add</i>	34.54	
23 31 13 13-0850 LF 8" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.79	75.35
<i>For Seal Class B, Add</i>	18.84	
<i>For Seal Class A, Add</i>	40.19	
<i>For Work In Restricted Working Space, Add</i>	37.68	
23 31 13 13-0851 LF 8" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	155.79	81.62
<i>For Seal Class B, Add</i>	20.41	
<i>For Seal Class A, Add</i>	43.54	
<i>For Work In Restricted Working Space, Add</i>	40.82	
23 31 13 13-0852 LF 8" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.76	87.91
<i>For Seal Class B, Add</i>	21.98	
<i>For Seal Class A, Add</i>	46.88	
<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13 13-0853 LF 8" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.74	94.18
<i>For Seal Class B, Add</i>	23.55	
<i>For Seal Class A, Add</i>	50.23	
<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13 13-0854 LF 8" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.72	100.47
<i>For Seal Class B, Add</i>	25.12	
<i>For Seal Class A, Add</i>	53.58	
<i>For Work In Restricted Working Space, Add</i>	50.23	
23 31 13 13-0855 LF 10" x 10", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	119.83	62.79
<i>For Seal Class B, Add</i>	15.70	
<i>For Seal Class A, Add</i>	33.49	
<i>For Work In Restricted Working Space, Add</i>	31.40	
23 31 13 13-0856 LF 10" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	131.81	69.07
<i>For Seal Class B, Add</i>	17.27	
<i>For Seal Class A, Add</i>	36.84	
<i>For Work In Restricted Working Space, Add</i>	34.54	
23 31 13 13-0857 LF 10" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.79	75.35
<i>For Seal Class B, Add</i>	18.84	
<i>For Seal Class A, Add</i>	40.19	
<i>For Work In Restricted Working Space, Add</i>	37.68	
23 31 13 13-0858 LF 10" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	155.79	81.62
<i>For Seal Class B, Add</i>	20.41	
<i>For Seal Class A, Add</i>	43.54	
<i>For Work In Restricted Working Space, Add</i>	40.82	
23 31 13 13-0859 LF 10" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.76	87.91
<i>For Seal Class B, Add</i>	21.98	
<i>For Seal Class A, Add</i>	46.88	
<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13 13-0860 LF 10" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.74	94.18
<i>For Seal Class B, Add</i>	23.55	
<i>For Seal Class A, Add</i>	50.23	
<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13 13-0861 LF 10" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.72	100.47
<i>For Seal Class B, Add</i>	25.12	
<i>For Seal Class A, Add</i>	53.58	
<i>For Work In Restricted Working Space, Add</i>	50.23	
23 31 13 13-0862 LF 10" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.70	106.75
<i>For Seal Class B, Add</i>	26.69	
<i>For Seal Class A, Add</i>	56.93	
<i>For Work In Restricted Working Space, Add</i>	53.37	
23 31 13 13-0863 LF 10" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.70	113.03
<i>For Seal Class B, Add</i>	28.26	
<i>For Seal Class A, Add</i>	60.28	
<i>For Work In Restricted Working Space, Add</i>	56.51	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0864	LF	10" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.68	119.31
			<i>For Seal Class B, Add</i>	29.83	
			<i>For Seal Class A, Add</i>	63.63	
			<i>For Work In Restricted Working Space, Add</i>	59.65	
23 31 13	13-0865	LF	10" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.66	125.59
			<i>For Seal Class B, Add</i>	31.40	
			<i>For Seal Class A, Add</i>	66.98	
			<i>For Work In Restricted Working Space, Add</i>	62.79	
23 31 13	13-0866	LF	10" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.63	131.86
			<i>For Seal Class B, Add</i>	32.97	
			<i>For Seal Class A, Add</i>	70.33	
			<i>For Work In Restricted Working Space, Add</i>	65.93	
23 31 13	13-0867	LF	12" x 12", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	143.79	75.35
			<i>For Seal Class B, Add</i>	18.84	
			<i>For Seal Class A, Add</i>	40.19	
			<i>For Work In Restricted Working Space, Add</i>	37.68	
23 31 13	13-0868	LF	12" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	155.79	81.62
			<i>For Seal Class B, Add</i>	20.41	
			<i>For Seal Class A, Add</i>	43.54	
			<i>For Work In Restricted Working Space, Add</i>	40.82	
23 31 13	13-0869	LF	12" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.76	87.91
			<i>For Seal Class B, Add</i>	21.98	
			<i>For Seal Class A, Add</i>	46.88	
			<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13	13-0870	LF	12" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.74	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13	13-0871	LF	12" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.72	100.47
			<i>For Seal Class B, Add</i>	25.12	
			<i>For Seal Class A, Add</i>	53.58	
			<i>For Work In Restricted Working Space, Add</i>	50.23	
23 31 13	13-0872	LF	12" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.70	106.75
			<i>For Seal Class B, Add</i>	26.69	
			<i>For Seal Class A, Add</i>	56.93	
			<i>For Work In Restricted Working Space, Add</i>	53.37	
23 31 13	13-0873	LF	12" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.70	113.03
			<i>For Seal Class B, Add</i>	28.26	
			<i>For Seal Class A, Add</i>	60.28	
			<i>For Work In Restricted Working Space, Add</i>	56.51	
23 31 13	13-0874	LF	12" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.68	119.31
			<i>For Seal Class B, Add</i>	29.83	
			<i>For Seal Class A, Add</i>	63.63	
			<i>For Work In Restricted Working Space, Add</i>	59.65	
23 31 13	13-0875	LF	12" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.66	125.59
			<i>For Seal Class B, Add</i>	31.40	
			<i>For Seal Class A, Add</i>	66.98	
			<i>For Work In Restricted Working Space, Add</i>	62.79	
23 31 13	13-0876	LF	12" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.63	131.86
			<i>For Seal Class B, Add</i>	32.97	
			<i>For Seal Class A, Add</i>	70.33	
			<i>For Work In Restricted Working Space, Add</i>	65.93	
23 31 13	13-0877	LF	12" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.61	138.14
			<i>For Seal Class B, Add</i>	34.53	
			<i>For Seal Class A, Add</i>	73.67	
			<i>For Work In Restricted Working Space, Add</i>	69.07	
23 31 13	13-0878	LF	12" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	275.61	144.42
			<i>For Seal Class B, Add</i>	36.11	
			<i>For Seal Class A, Add</i>	77.02	
			<i>For Work In Restricted Working Space, Add</i>	72.21	
23 31 13	13-0879	LF	12" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.60	150.69
			<i>For Seal Class B, Add</i>	37.68	
			<i>For Seal Class A, Add</i>	80.37	
			<i>For Work In Restricted Working Space, Add</i>	75.35	
23 31 13	13-0880	LF	14" x 14", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	167.76	87.91
			<i>For Seal Class B, Add</i>	21.98	
			<i>For Seal Class A, Add</i>	46.88	
			<i>For Work In Restricted Working Space, Add</i>	43.95	
23 31 13	13-0881	LF	14" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	179.74	94.18
			<i>For Seal Class B, Add</i>	23.55	
			<i>For Seal Class A, Add</i>	50.23	
			<i>For Work In Restricted Working Space, Add</i>	47.09	
23 31 13	13-0882	LF	14" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.72	100.47
			<i>For Seal Class B, Add</i>	25.12	
			<i>For Seal Class A, Add</i>	53.58	
			<i>For Work In Restricted Working Space, Add</i>	50.23	
23 31 13	13-0883	LF	14" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.70	106.75
			<i>For Seal Class B, Add</i>	26.69	
			<i>For Seal Class A, Add</i>	56.93	
			<i>For Work In Restricted Working Space, Add</i>	53.37	
23 31 13	13-0884	LF	14" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.70	113.03
			<i>For Seal Class B, Add</i>	28.26	
			<i>For Seal Class A, Add</i>	60.28	
			<i>For Work In Restricted Working Space, Add</i>	56.51	
23 31 13	13-0885	LF	14" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.68	119.31
			<i>For Seal Class B, Add</i>	29.83	
			<i>For Seal Class A, Add</i>	63.63	
			<i>For Work In Restricted Working Space, Add</i>	59.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0886 LF 14" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.66	125.59
<i>For Seal Class B, Add</i>	31.40	
<i>For Seal Class A, Add</i>	66.98	
<i>For Work In Restricted Working Space, Add</i>	62.79	
23 31 13 13-0887 LF 14" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.63	131.86
<i>For Seal Class B, Add</i>	32.97	
<i>For Seal Class A, Add</i>	70.33	
<i>For Work In Restricted Working Space, Add</i>	65.93	
23 31 13 13-0888 LF 14" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.61	138.14
<i>For Seal Class B, Add</i>	34.53	
<i>For Seal Class A, Add</i>	73.67	
<i>For Work In Restricted Working Space, Add</i>	69.07	
23 31 13 13-0889 LF 14" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	275.61	144.42
<i>For Seal Class B, Add</i>	36.11	
<i>For Seal Class A, Add</i>	77.02	
<i>For Work In Restricted Working Space, Add</i>	72.21	
23 31 13 13-0890 LF 14" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.60	150.69
<i>For Seal Class B, Add</i>	37.68	
<i>For Seal Class A, Add</i>	80.37	
<i>For Work In Restricted Working Space, Add</i>	75.35	
23 31 13 13-0891 LF 14" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.57	156.98
<i>For Seal Class B, Add</i>	39.24	
<i>For Seal Class A, Add</i>	83.72	
<i>For Work In Restricted Working Space, Add</i>	78.49	
23 31 13 13-0892 LF 16" x 16", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	191.72	100.47
<i>For Seal Class B, Add</i>	25.12	
<i>For Seal Class A, Add</i>	53.58	
<i>For Work In Restricted Working Space, Add</i>	50.23	
23 31 13 13-0893 LF 16" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	203.70	106.75
<i>For Seal Class B, Add</i>	26.69	
<i>For Seal Class A, Add</i>	56.93	
<i>For Work In Restricted Working Space, Add</i>	53.37	
23 31 13 13-0894 LF 16" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.70	113.03
<i>For Seal Class B, Add</i>	28.26	
<i>For Seal Class A, Add</i>	60.28	
<i>For Work In Restricted Working Space, Add</i>	56.51	
23 31 13 13-0895 LF 16" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.68	119.31
<i>For Seal Class B, Add</i>	29.83	
<i>For Seal Class A, Add</i>	63.63	
<i>For Work In Restricted Working Space, Add</i>	59.65	
23 31 13 13-0896 LF 16" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.66	125.59
<i>For Seal Class B, Add</i>	31.40	
<i>For Seal Class A, Add</i>	66.98	
<i>For Work In Restricted Working Space, Add</i>	62.79	
23 31 13 13-0897 LF 16" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.63	131.86
<i>For Seal Class B, Add</i>	32.97	
<i>For Seal Class A, Add</i>	70.33	
<i>For Work In Restricted Working Space, Add</i>	65.93	
23 31 13 13-0898 LF 16" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.61	138.14
<i>For Seal Class B, Add</i>	34.53	
<i>For Seal Class A, Add</i>	73.67	
<i>For Work In Restricted Working Space, Add</i>	69.07	
23 31 13 13-0899 LF 16" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	275.61	144.42
<i>For Seal Class B, Add</i>	36.11	
<i>For Seal Class A, Add</i>	77.02	
<i>For Work In Restricted Working Space, Add</i>	72.21	
23 31 13 13-0900 LF 16" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.60	150.69
<i>For Seal Class B, Add</i>	37.68	
<i>For Seal Class A, Add</i>	80.37	
<i>For Work In Restricted Working Space, Add</i>	75.35	
23 31 13 13-0901 LF 16" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.57	156.98
<i>For Seal Class B, Add</i>	39.24	
<i>For Seal Class A, Add</i>	83.72	
<i>For Work In Restricted Working Space, Add</i>	78.49	
23 31 13 13-0902 LF 16" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.54	163.25
<i>For Seal Class B, Add</i>	40.81	
<i>For Seal Class A, Add</i>	87.07	
<i>For Work In Restricted Working Space, Add</i>	81.63	
23 31 13 13-0903 LF 16" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.53	169.53
<i>For Seal Class B, Add</i>	42.38	
<i>For Seal Class A, Add</i>	90.42	
<i>For Work In Restricted Working Space, Add</i>	84.77	
23 31 13 13-0904 LF 16" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.52	175.82
<i>For Seal Class B, Add</i>	43.95	
<i>For Seal Class A, Add</i>	93.77	
<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-0905 LF 16" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	347.50	182.10
<i>For Seal Class B, Add</i>	45.52	
<i>For Seal Class A, Add</i>	97.12	
<i>For Work In Restricted Working Space, Add</i>	91.05	
23 31 13 13-0906 LF 16" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
<i>For Seal Class B, Add</i>	47.09	
<i>For Seal Class A, Add</i>	100.47	
<i>For Work In Restricted Working Space, Add</i>	94.19	
23 31 13 13-0907 LF 18" x 18", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	215.70	113.03
<i>For Seal Class B, Add</i>	28.26	
<i>For Seal Class A, Add</i>	60.28	
<i>For Work In Restricted Working Space, Add</i>	56.51	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0908	LF	18" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	227.68	119.31
			<i>For Seal Class B, Add</i>	29.83	
			<i>For Seal Class A, Add</i>	63.63	
			<i>For Work In Restricted Working Space, Add</i>	59.65	
23 31 13	13-0909	LF	18" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.66	125.59
			<i>For Seal Class B, Add</i>	31.40	
			<i>For Seal Class A, Add</i>	66.98	
			<i>For Work In Restricted Working Space, Add</i>	62.79	
23 31 13	13-0910	LF	18" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.63	131.86
			<i>For Seal Class B, Add</i>	32.97	
			<i>For Seal Class A, Add</i>	70.33	
			<i>For Work In Restricted Working Space, Add</i>	65.93	
23 31 13	13-0911	LF	18" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.61	138.14
			<i>For Seal Class B, Add</i>	34.53	
			<i>For Seal Class A, Add</i>	73.67	
			<i>For Work In Restricted Working Space, Add</i>	69.07	
23 31 13	13-0912	LF	18" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	275.61	144.42
			<i>For Seal Class B, Add</i>	36.11	
			<i>For Seal Class A, Add</i>	77.02	
			<i>For Work In Restricted Working Space, Add</i>	72.21	
23 31 13	13-0913	LF	18" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.60	150.69
			<i>For Seal Class B, Add</i>	37.68	
			<i>For Seal Class A, Add</i>	80.37	
			<i>For Work In Restricted Working Space, Add</i>	75.35	
23 31 13	13-0914	LF	18" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.57	156.98
			<i>For Seal Class B, Add</i>	39.24	
			<i>For Seal Class A, Add</i>	83.72	
			<i>For Work In Restricted Working Space, Add</i>	78.49	
23 31 13	13-0915	LF	18" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.54	163.25
			<i>For Seal Class B, Add</i>	40.81	
			<i>For Seal Class A, Add</i>	87.07	
			<i>For Work In Restricted Working Space, Add</i>	81.63	
23 31 13	13-0916	LF	18" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.53	169.53
			<i>For Seal Class B, Add</i>	42.38	
			<i>For Seal Class A, Add</i>	90.42	
			<i>For Work In Restricted Working Space, Add</i>	84.77	
23 31 13	13-0917	LF	18" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.52	175.82
			<i>For Seal Class B, Add</i>	43.95	
			<i>For Seal Class A, Add</i>	93.77	
			<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13	13-0918	LF	18" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	347.50	182.10
			<i>For Seal Class B, Add</i>	45.52	
			<i>For Seal Class A, Add</i>	97.12	
			<i>For Work In Restricted Working Space, Add</i>	91.05	
23 31 13	13-0919	LF	18" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
			<i>For Seal Class B, Add</i>	47.09	
			<i>For Seal Class A, Add</i>	100.47	
			<i>For Work In Restricted Working Space, Add</i>	94.19	
23 31 13	13-0920	LF	18" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.47	194.66
			<i>For Seal Class B, Add</i>	48.66	
			<i>For Seal Class A, Add</i>	103.82	
			<i>For Work In Restricted Working Space, Add</i>	97.33	
23 31 13	13-0921	LF	18" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
			<i>For Seal Class B, Add</i>	50.23	
			<i>For Seal Class A, Add</i>	107.16	
			<i>For Work In Restricted Working Space, Add</i>	100.47	
23 31 13	13-0922	LF	20" x 20", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	239.66	125.59
			<i>For Seal Class B, Add</i>	31.40	
			<i>For Seal Class A, Add</i>	66.98	
			<i>For Work In Restricted Working Space, Add</i>	62.79	
23 31 13	13-0923	LF	20" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	251.63	131.86
			<i>For Seal Class B, Add</i>	32.97	
			<i>For Seal Class A, Add</i>	70.33	
			<i>For Work In Restricted Working Space, Add</i>	65.93	
23 31 13	13-0924	LF	20" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.61	138.14
			<i>For Seal Class B, Add</i>	34.53	
			<i>For Seal Class A, Add</i>	73.67	
			<i>For Work In Restricted Working Space, Add</i>	69.07	
23 31 13	13-0925	LF	20" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	275.61	144.42
			<i>For Seal Class B, Add</i>	36.11	
			<i>For Seal Class A, Add</i>	77.02	
			<i>For Work In Restricted Working Space, Add</i>	72.21	
23 31 13	13-0926	LF	20" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.60	150.69
			<i>For Seal Class B, Add</i>	37.68	
			<i>For Seal Class A, Add</i>	80.37	
			<i>For Work In Restricted Working Space, Add</i>	75.35	
23 31 13	13-0927	LF	20" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.57	156.98
			<i>For Seal Class B, Add</i>	39.24	
			<i>For Seal Class A, Add</i>	83.72	
			<i>For Work In Restricted Working Space, Add</i>	78.49	
23 31 13	13-0928	LF	20" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.54	163.25
			<i>For Seal Class B, Add</i>	40.81	
			<i>For Seal Class A, Add</i>	87.07	
			<i>For Work In Restricted Working Space, Add</i>	81.63	
23 31 13	13-0929	LF	20" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.53	169.53
			<i>For Seal Class B, Add</i>	42.38	
			<i>For Seal Class A, Add</i>	90.42	
			<i>For Work In Restricted Working Space, Add</i>	84.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0930 LF 20" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.52	175.82
<i>For Seal Class B, Add</i>	43.95	
<i>For Seal Class A, Add</i>	93.77	
<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-0931 LF 20" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	347.50	182.10
<i>For Seal Class B, Add</i>	45.52	
<i>For Seal Class A, Add</i>	97.12	
<i>For Work In Restricted Working Space, Add</i>	91.05	
23 31 13 13-0932 LF 20" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
<i>For Seal Class B, Add</i>	47.09	
<i>For Seal Class A, Add</i>	100.47	
<i>For Work In Restricted Working Space, Add</i>	94.19	
23 31 13 13-0933 LF 20" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.47	194.66
<i>For Seal Class B, Add</i>	48.66	
<i>For Seal Class A, Add</i>	103.82	
<i>For Work In Restricted Working Space, Add</i>	97.33	
23 31 13 13-0934 LF 20" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
<i>For Seal Class B, Add</i>	50.23	
<i>For Seal Class A, Add</i>	107.16	
<i>For Work In Restricted Working Space, Add</i>	100.47	
23 31 13 13-0935 LF 20" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.44	207.21
<i>For Seal Class B, Add</i>	51.80	
<i>For Seal Class A, Add</i>	110.51	
<i>For Work In Restricted Working Space, Add</i>	103.61	
23 31 13 13-0936 LF 20" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
<i>For Seal Class B, Add</i>	53.37	
<i>For Seal Class A, Add</i>	113.86	
<i>For Work In Restricted Working Space, Add</i>	106.74	
23 31 13 13-0937 LF 22" x 22", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	263.61	138.14
<i>For Seal Class B, Add</i>	34.53	
<i>For Seal Class A, Add</i>	73.67	
<i>For Work In Restricted Working Space, Add</i>	69.07	
23 31 13 13-0938 LF 22" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	275.61	144.42
<i>For Seal Class B, Add</i>	36.11	
<i>For Seal Class A, Add</i>	77.02	
<i>For Work In Restricted Working Space, Add</i>	72.21	
23 31 13 13-0939 LF 22" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.60	150.69
<i>For Seal Class B, Add</i>	37.68	
<i>For Seal Class A, Add</i>	80.37	
<i>For Work In Restricted Working Space, Add</i>	75.35	
23 31 13 13-0940 LF 22" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.57	156.98
<i>For Seal Class B, Add</i>	39.24	
<i>For Seal Class A, Add</i>	83.72	
<i>For Work In Restricted Working Space, Add</i>	78.49	
23 31 13 13-0941 LF 22" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.54	163.25
<i>For Seal Class B, Add</i>	40.81	
<i>For Seal Class A, Add</i>	87.07	
<i>For Work In Restricted Working Space, Add</i>	81.63	
23 31 13 13-0942 LF 22" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.53	169.53
<i>For Seal Class B, Add</i>	42.38	
<i>For Seal Class A, Add</i>	90.42	
<i>For Work In Restricted Working Space, Add</i>	84.77	
23 31 13 13-0943 LF 22" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.52	175.82
<i>For Seal Class B, Add</i>	43.95	
<i>For Seal Class A, Add</i>	93.77	
<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13 13-0944 LF 22" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	347.50	182.10
<i>For Seal Class B, Add</i>	45.52	
<i>For Seal Class A, Add</i>	97.12	
<i>For Work In Restricted Working Space, Add</i>	91.05	
23 31 13 13-0945 LF 22" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
<i>For Seal Class B, Add</i>	47.09	
<i>For Seal Class A, Add</i>	100.47	
<i>For Work In Restricted Working Space, Add</i>	94.19	
23 31 13 13-0946 LF 22" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.47	194.66
<i>For Seal Class B, Add</i>	48.66	
<i>For Seal Class A, Add</i>	103.82	
<i>For Work In Restricted Working Space, Add</i>	97.33	
23 31 13 13-0947 LF 22" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
<i>For Seal Class B, Add</i>	50.23	
<i>For Seal Class A, Add</i>	107.16	
<i>For Work In Restricted Working Space, Add</i>	100.47	
23 31 13 13-0948 LF 22" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.44	207.21
<i>For Seal Class B, Add</i>	51.80	
<i>For Seal Class A, Add</i>	110.51	
<i>For Work In Restricted Working Space, Add</i>	103.61	
23 31 13 13-0949 LF 22" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
<i>For Seal Class B, Add</i>	53.37	
<i>For Seal Class A, Add</i>	113.86	
<i>For Work In Restricted Working Space, Add</i>	106.74	
23 31 13 13-0950 LF 22" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	419.40	219.77
<i>For Seal Class B, Add</i>	54.94	
<i>For Seal Class A, Add</i>	117.21	
<i>For Work In Restricted Working Space, Add</i>	109.88	
23 31 13 13-0951 LF 24" x 24", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	287.60	150.69
<i>For Seal Class B, Add</i>	37.68	
<i>For Seal Class A, Add</i>	80.37	
<i>For Work In Restricted Working Space, Add</i>	75.35	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0952	LF	24" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	299.57	156.98
			<i>For Seal Class B, Add</i>	39.24	
			<i>For Seal Class A, Add</i>	83.72	
			<i>For Work In Restricted Working Space, Add</i>	78.49	
23 31 13	13-0953	LF	24" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.54	163.25
			<i>For Seal Class B, Add</i>	40.81	
			<i>For Seal Class A, Add</i>	87.07	
			<i>For Work In Restricted Working Space, Add</i>	81.63	
23 31 13	13-0954	LF	24" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.53	169.53
			<i>For Seal Class B, Add</i>	42.38	
			<i>For Seal Class A, Add</i>	90.42	
			<i>For Work In Restricted Working Space, Add</i>	84.77	
23 31 13	13-0955	LF	24" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.52	175.82
			<i>For Seal Class B, Add</i>	43.95	
			<i>For Seal Class A, Add</i>	93.77	
			<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13	13-0956	LF	24" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	347.50	182.10
			<i>For Seal Class B, Add</i>	45.52	
			<i>For Seal Class A, Add</i>	97.12	
			<i>For Work In Restricted Working Space, Add</i>	91.05	
23 31 13	13-0957	LF	24" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
			<i>For Seal Class B, Add</i>	47.09	
			<i>For Seal Class A, Add</i>	100.47	
			<i>For Work In Restricted Working Space, Add</i>	94.19	
23 31 13	13-0958	LF	24" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.47	194.66
			<i>For Seal Class B, Add</i>	48.66	
			<i>For Seal Class A, Add</i>	103.82	
			<i>For Work In Restricted Working Space, Add</i>	97.33	
23 31 13	13-0959	LF	24" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
			<i>For Seal Class B, Add</i>	50.23	
			<i>For Seal Class A, Add</i>	107.16	
			<i>For Work In Restricted Working Space, Add</i>	100.47	
23 31 13	13-0960	LF	24" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.44	207.21
			<i>For Seal Class B, Add</i>	51.80	
			<i>For Seal Class A, Add</i>	110.51	
			<i>For Work In Restricted Working Space, Add</i>	103.61	
23 31 13	13-0961	LF	24" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
			<i>For Seal Class B, Add</i>	53.37	
			<i>For Seal Class A, Add</i>	113.86	
			<i>For Work In Restricted Working Space, Add</i>	106.74	
23 31 13	13-0962	LF	24" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	419.40	219.77
			<i>For Seal Class B, Add</i>	54.94	
			<i>For Seal Class A, Add</i>	117.21	
			<i>For Work In Restricted Working Space, Add</i>	109.88	
23 31 13	13-0963	LF	24" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.37	226.04
			<i>For Seal Class B, Add</i>	56.51	
			<i>For Seal Class A, Add</i>	120.56	
			<i>For Work In Restricted Working Space, Add</i>	113.02	
23 31 13	13-0964	LF	26" x 26", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	311.54	163.25
			<i>For Seal Class B, Add</i>	40.81	
			<i>For Seal Class A, Add</i>	87.07	
			<i>For Work In Restricted Working Space, Add</i>	81.63	
23 31 13	13-0965	LF	26" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	323.53	169.53
			<i>For Seal Class B, Add</i>	42.38	
			<i>For Seal Class A, Add</i>	90.42	
			<i>For Work In Restricted Working Space, Add</i>	84.77	
23 31 13	13-0966	LF	26" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.52	175.82
			<i>For Seal Class B, Add</i>	43.95	
			<i>For Seal Class A, Add</i>	93.77	
			<i>For Work In Restricted Working Space, Add</i>	87.91	
23 31 13	13-0967	LF	26" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	347.50	182.10
			<i>For Seal Class B, Add</i>	45.52	
			<i>For Seal Class A, Add</i>	97.12	
			<i>For Work In Restricted Working Space, Add</i>	91.05	
23 31 13	13-0968	LF	26" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
			<i>For Seal Class B, Add</i>	47.09	
			<i>For Seal Class A, Add</i>	100.47	
			<i>For Work In Restricted Working Space, Add</i>	94.19	
23 31 13	13-0969	LF	26" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.47	194.66
			<i>For Seal Class B, Add</i>	48.66	
			<i>For Seal Class A, Add</i>	103.82	
			<i>For Work In Restricted Working Space, Add</i>	97.33	
23 31 13	13-0970	LF	26" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
			<i>For Seal Class B, Add</i>	50.23	
			<i>For Seal Class A, Add</i>	107.16	
			<i>For Work In Restricted Working Space, Add</i>	100.47	
23 31 13	13-0971	LF	26" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.44	207.21
			<i>For Seal Class B, Add</i>	51.80	
			<i>For Seal Class A, Add</i>	110.51	
			<i>For Work In Restricted Working Space, Add</i>	103.61	
23 31 13	13-0972	LF	26" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
			<i>For Seal Class B, Add</i>	53.37	
			<i>For Seal Class A, Add</i>	113.86	
			<i>For Work In Restricted Working Space, Add</i>	106.74	
23 31 13	13-0973	LF	26" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	419.40	219.77
			<i>For Seal Class B, Add</i>	54.94	
			<i>For Seal Class A, Add</i>	117.21	
			<i>For Work In Restricted Working Space, Add</i>	109.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-0974 LF 26" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.37	226.04
For Seal Class B, Add	56.51	
For Seal Class A, Add	120.56	
For Work In Restricted Working Space, Add	113.02	
23 31 13 13-0975 LF 26" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.38	232.33
For Seal Class B, Add	58.08	
For Seal Class A, Add	123.91	
For Work In Restricted Working Space, Add	116.17	
23 31 13 13-0976 LF 28" x 28", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	335.52	175.82
For Seal Class B, Add	43.95	
For Seal Class A, Add	93.77	
For Work In Restricted Working Space, Add	87.91	
23 31 13 13-0977 LF 28" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	347.50	182.10
For Seal Class B, Add	45.52	
For Seal Class A, Add	97.12	
For Work In Restricted Working Space, Add	91.05	
23 31 13 13-0978 LF 28" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
For Seal Class B, Add	47.09	
For Seal Class A, Add	100.47	
For Work In Restricted Working Space, Add	94.19	
23 31 13 13-0979 LF 28" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.47	194.66
For Seal Class B, Add	48.66	
For Seal Class A, Add	103.82	
For Work In Restricted Working Space, Add	97.33	
23 31 13 13-0980 LF 28" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
For Seal Class B, Add	50.23	
For Seal Class A, Add	107.16	
For Work In Restricted Working Space, Add	100.47	
23 31 13 13-0981 LF 28" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.44	207.21
For Seal Class B, Add	51.80	
For Seal Class A, Add	110.51	
For Work In Restricted Working Space, Add	103.61	
23 31 13 13-0982 LF 28" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
For Seal Class B, Add	53.37	
For Seal Class A, Add	113.86	
For Work In Restricted Working Space, Add	106.74	
23 31 13 13-0983 LF 28" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	419.40	219.77
For Seal Class B, Add	54.94	
For Seal Class A, Add	117.21	
For Work In Restricted Working Space, Add	109.88	
23 31 13 13-0984 LF 28" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.37	226.04
For Seal Class B, Add	56.51	
For Seal Class A, Add	120.56	
For Work In Restricted Working Space, Add	113.02	
23 31 13 13-0985 LF 28" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.38	232.33
For Seal Class B, Add	58.08	
For Seal Class A, Add	123.91	
For Work In Restricted Working Space, Add	116.17	
23 31 13 13-0986 LF 28" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	455.36	238.60
For Seal Class B, Add	59.65	
For Seal Class A, Add	127.26	
For Work In Restricted Working Space, Add	119.30	
23 31 13 13-0987 LF 30" x 30", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	359.49	188.37
For Seal Class B, Add	47.09	
For Seal Class A, Add	100.47	
For Work In Restricted Working Space, Add	94.19	
23 31 13 13-0988 LF 30" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	371.47	194.66
For Seal Class B, Add	48.66	
For Seal Class A, Add	103.82	
For Work In Restricted Working Space, Add	97.33	
23 31 13 13-0989 LF 30" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
For Seal Class B, Add	50.23	
For Seal Class A, Add	107.16	
For Work In Restricted Working Space, Add	100.47	
23 31 13 13-0990 LF 30" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.44	207.21
For Seal Class B, Add	51.80	
For Seal Class A, Add	110.51	
For Work In Restricted Working Space, Add	103.61	
23 31 13 13-0991 LF 30" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
For Seal Class B, Add	53.37	
For Seal Class A, Add	113.86	
For Work In Restricted Working Space, Add	106.74	
23 31 13 13-0992 LF 30" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	419.40	219.77
For Seal Class B, Add	54.94	
For Seal Class A, Add	117.21	
For Work In Restricted Working Space, Add	109.88	
23 31 13 13-0993 LF 30" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.37	226.04
For Seal Class B, Add	56.51	
For Seal Class A, Add	120.56	
For Work In Restricted Working Space, Add	113.02	
23 31 13 13-0994 LF 30" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.38	232.33
For Seal Class B, Add	58.08	
For Seal Class A, Add	123.91	
For Work In Restricted Working Space, Add	116.17	
23 31 13 13-0995 LF 30" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	455.36	238.60
For Seal Class B, Add	59.65	
For Seal Class A, Add	127.26	
For Work In Restricted Working Space, Add	119.30	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-0996	LF	30" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.33	244.90
			<i>For Seal Class B, Add</i>	61.22	
			<i>For Seal Class A, Add</i>	130.60	
			<i>For Work In Restricted Working Space, Add</i>	122.44	
23 31 13	13-0997	LF	32" x 32", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	383.47	200.93
			<i>For Seal Class B, Add</i>	50.23	
			<i>For Seal Class A, Add</i>	107.16	
			<i>For Work In Restricted Working Space, Add</i>	100.47	
23 31 13	13-0998	LF	32" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	395.44	207.21
			<i>For Seal Class B, Add</i>	51.80	
			<i>For Seal Class A, Add</i>	110.51	
			<i>For Work In Restricted Working Space, Add</i>	103.61	
23 31 13	13-0999	LF	32" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
			<i>For Seal Class B, Add</i>	53.37	
			<i>For Seal Class A, Add</i>	113.86	
			<i>For Work In Restricted Working Space, Add</i>	106.74	
23 31 13	13-1000	LF	32" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	419.40	219.77
			<i>For Seal Class B, Add</i>	54.94	
			<i>For Seal Class A, Add</i>	117.21	
			<i>For Work In Restricted Working Space, Add</i>	109.88	
23 31 13	13-1001	LF	32" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.37	226.04
			<i>For Seal Class B, Add</i>	56.51	
			<i>For Seal Class A, Add</i>	120.56	
			<i>For Work In Restricted Working Space, Add</i>	113.02	
23 31 13	13-1002	LF	32" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.38	232.33
			<i>For Seal Class B, Add</i>	58.08	
			<i>For Seal Class A, Add</i>	123.91	
			<i>For Work In Restricted Working Space, Add</i>	116.17	
23 31 13	13-1003	LF	32" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	455.36	238.60
			<i>For Seal Class B, Add</i>	59.65	
			<i>For Seal Class A, Add</i>	127.26	
			<i>For Work In Restricted Working Space, Add</i>	119.30	
23 31 13	13-1004	LF	32" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.33	244.90
			<i>For Seal Class B, Add</i>	61.22	
			<i>For Seal Class A, Add</i>	130.60	
			<i>For Work In Restricted Working Space, Add</i>	122.44	
23 31 13	13-1005	LF	32" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.31	251.17
			<i>For Seal Class B, Add</i>	62.79	
			<i>For Seal Class A, Add</i>	133.96	
			<i>For Work In Restricted Working Space, Add</i>	125.58	
23 31 13	13-1006	LF	34" x 34", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	407.41	213.49
			<i>For Seal Class B, Add</i>	53.37	
			<i>For Seal Class A, Add</i>	113.86	
			<i>For Work In Restricted Working Space, Add</i>	106.74	
23 31 13	13-1007	LF	34" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	419.40	219.77
			<i>For Seal Class B, Add</i>	54.94	
			<i>For Seal Class A, Add</i>	117.21	
			<i>For Work In Restricted Working Space, Add</i>	109.88	
23 31 13	13-1008	LF	34" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.37	226.04
			<i>For Seal Class B, Add</i>	56.51	
			<i>For Seal Class A, Add</i>	120.56	
			<i>For Work In Restricted Working Space, Add</i>	113.02	
23 31 13	13-1009	LF	34" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.38	232.33
			<i>For Seal Class B, Add</i>	58.08	
			<i>For Seal Class A, Add</i>	123.91	
			<i>For Work In Restricted Working Space, Add</i>	116.17	
23 31 13	13-1010	LF	34" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	455.36	238.60
			<i>For Seal Class B, Add</i>	59.65	
			<i>For Seal Class A, Add</i>	127.26	
			<i>For Work In Restricted Working Space, Add</i>	119.30	
23 31 13	13-1011	LF	34" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.33	244.90
			<i>For Seal Class B, Add</i>	61.22	
			<i>For Seal Class A, Add</i>	130.60	
			<i>For Work In Restricted Working Space, Add</i>	122.44	
23 31 13	13-1012	LF	34" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.31	251.17
			<i>For Seal Class B, Add</i>	62.79	
			<i>For Seal Class A, Add</i>	133.96	
			<i>For Work In Restricted Working Space, Add</i>	125.58	
23 31 13	13-1013	LF	34" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.29	257.45
			<i>For Seal Class B, Add</i>	64.36	
			<i>For Seal Class A, Add</i>	137.30	
			<i>For Work In Restricted Working Space, Add</i>	128.72	
23 31 13	13-1014	LF	36" x 36", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	431.37	226.04
			<i>For Seal Class B, Add</i>	56.51	
			<i>For Seal Class A, Add</i>	120.56	
			<i>For Work In Restricted Working Space, Add</i>	113.02	
23 31 13	13-1015	LF	36" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	443.38	232.33
			<i>For Seal Class B, Add</i>	58.08	
			<i>For Seal Class A, Add</i>	123.91	
			<i>For Work In Restricted Working Space, Add</i>	116.17	
23 31 13	13-1016	LF	36" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	455.36	238.60
			<i>For Seal Class B, Add</i>	59.65	
			<i>For Seal Class A, Add</i>	127.26	
			<i>For Work In Restricted Working Space, Add</i>	119.30	
23 31 13	13-1017	LF	36" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.33	244.90
			<i>For Seal Class B, Add</i>	61.22	
			<i>For Seal Class A, Add</i>	130.60	
			<i>For Work In Restricted Working Space, Add</i>	122.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1018 LF 36" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.31	251.17
<i>For Seal Class B, Add</i>	62.79	
<i>For Seal Class A, Add</i>	133.96	
<i>For Work In Restricted Working Space, Add</i>	125.58	
23 31 13 13-1019 LF 36" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.29	257.45
<i>For Seal Class B, Add</i>	64.36	
<i>For Seal Class A, Add</i>	137.30	
<i>For Work In Restricted Working Space, Add</i>	128.72	
23 31 13 13-1020 LF 36" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.28	263.73
<i>For Seal Class B, Add</i>	65.93	
<i>For Seal Class A, Add</i>	140.65	
<i>For Work In Restricted Working Space, Add</i>	131.86	
23 31 13 13-1021 LF 38" x 38", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	455.36	238.60
<i>For Seal Class B, Add</i>	59.65	
<i>For Seal Class A, Add</i>	127.26	
<i>For Work In Restricted Working Space, Add</i>	119.30	
23 31 13 13-1022 LF 38" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	467.33	244.90
<i>For Seal Class B, Add</i>	61.22	
<i>For Seal Class A, Add</i>	130.60	
<i>For Work In Restricted Working Space, Add</i>	122.44	
23 31 13 13-1023 LF 38" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.31	251.17
<i>For Seal Class B, Add</i>	62.79	
<i>For Seal Class A, Add</i>	133.96	
<i>For Work In Restricted Working Space, Add</i>	125.58	
23 31 13 13-1024 LF 38" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.29	257.45
<i>For Seal Class B, Add</i>	64.36	
<i>For Seal Class A, Add</i>	137.30	
<i>For Work In Restricted Working Space, Add</i>	128.72	
23 31 13 13-1025 LF 38" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.28	263.73
<i>For Seal Class B, Add</i>	65.93	
<i>For Seal Class A, Add</i>	140.65	
<i>For Work In Restricted Working Space, Add</i>	131.86	
23 31 13 13-1026 LF 38" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.27	270.00
<i>For Seal Class B, Add</i>	67.50	
<i>For Seal Class A, Add</i>	144.00	
<i>For Work In Restricted Working Space, Add</i>	135.00	
23 31 13 13-1027 LF 38" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	527.26	276.28
<i>For Seal Class B, Add</i>	69.07	
<i>For Seal Class A, Add</i>	147.35	
<i>For Work In Restricted Working Space, Add</i>	138.14	
23 31 13 13-1028 LF 40" x 40", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	479.31	251.17
<i>For Seal Class B, Add</i>	62.79	
<i>For Seal Class A, Add</i>	133.96	
<i>For Work In Restricted Working Space, Add</i>	125.58	
23 31 13 13-1029 LF 40" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	491.29	257.45
<i>For Seal Class B, Add</i>	64.36	
<i>For Seal Class A, Add</i>	137.30	
<i>For Work In Restricted Working Space, Add</i>	128.72	
23 31 13 13-1030 LF 40" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.28	263.73
<i>For Seal Class B, Add</i>	65.93	
<i>For Seal Class A, Add</i>	140.65	
<i>For Work In Restricted Working Space, Add</i>	131.86	
23 31 13 13-1031 LF 40" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.27	270.00
<i>For Seal Class B, Add</i>	67.50	
<i>For Seal Class A, Add</i>	144.00	
<i>For Work In Restricted Working Space, Add</i>	135.00	
23 31 13 13-1032 LF 40" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	527.26	276.28
<i>For Seal Class B, Add</i>	69.07	
<i>For Seal Class A, Add</i>	147.35	
<i>For Work In Restricted Working Space, Add</i>	138.14	
23 31 13 13-1033 LF 40" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.23	282.56
<i>For Seal Class B, Add</i>	70.64	
<i>For Seal Class A, Add</i>	150.70	
<i>For Work In Restricted Working Space, Add</i>	141.28	
23 31 13 13-1034 LF 40" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	551.20	288.84
<i>For Seal Class B, Add</i>	72.21	
<i>For Seal Class A, Add</i>	154.05	
<i>For Work In Restricted Working Space, Add</i>	144.42	
23 31 13 13-1035 LF 40" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	563.20	295.11
<i>For Seal Class B, Add</i>	73.78	
<i>For Seal Class A, Add</i>	157.40	
<i>For Work In Restricted Working Space, Add</i>	147.56	
23 31 13 13-1036 LF 40" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.18	301.40
<i>For Seal Class B, Add</i>	75.35	
<i>For Seal Class A, Add</i>	160.75	
<i>For Work In Restricted Working Space, Add</i>	150.70	
23 31 13 13-1037 LF 42" x 42", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	503.28	263.73
<i>For Seal Class B, Add</i>	65.93	
<i>For Seal Class A, Add</i>	140.65	
<i>For Work In Restricted Working Space, Add</i>	131.86	
23 31 13 13-1038 LF 42" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	515.27	270.00
<i>For Seal Class B, Add</i>	67.50	
<i>For Seal Class A, Add</i>	144.00	
<i>For Work In Restricted Working Space, Add</i>	135.00	
23 31 13 13-1039 LF 42" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	527.26	276.28
<i>For Seal Class B, Add</i>	69.07	
<i>For Seal Class A, Add</i>	147.35	
<i>For Work In Restricted Working Space, Add</i>	138.14	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-1040	LF	42" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.23	282.56
			<i>For Seal Class B, Add</i>	70.64	
			<i>For Seal Class A, Add</i>	150.70	
			<i>For Work In Restricted Working Space, Add</i>	141.28	
23 31 13	13-1041	LF	42" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	551.20	288.84
			<i>For Seal Class B, Add</i>	72.21	
			<i>For Seal Class A, Add</i>	154.05	
			<i>For Work In Restricted Working Space, Add</i>	144.42	
23 31 13	13-1042	LF	42" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	563.20	295.11
			<i>For Seal Class B, Add</i>	73.78	
			<i>For Seal Class A, Add</i>	157.40	
			<i>For Work In Restricted Working Space, Add</i>	147.56	
23 31 13	13-1043	LF	42" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.18	301.40
			<i>For Seal Class B, Add</i>	75.35	
			<i>For Seal Class A, Add</i>	160.75	
			<i>For Work In Restricted Working Space, Add</i>	150.70	
23 31 13	13-1044	LF	42" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	587.16	307.67
			<i>For Seal Class B, Add</i>	76.92	
			<i>For Seal Class A, Add</i>	164.09	
			<i>For Work In Restricted Working Space, Add</i>	153.84	
23 31 13	13-1045	LF	44" x 44", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	527.26	276.28
			<i>For Seal Class B, Add</i>	69.07	
			<i>For Seal Class A, Add</i>	147.35	
			<i>For Work In Restricted Working Space, Add</i>	138.14	
23 31 13	13-1046	LF	44" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	539.23	282.56
			<i>For Seal Class B, Add</i>	70.64	
			<i>For Seal Class A, Add</i>	150.70	
			<i>For Work In Restricted Working Space, Add</i>	141.28	
23 31 13	13-1047	LF	44" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	551.20	288.84
			<i>For Seal Class B, Add</i>	72.21	
			<i>For Seal Class A, Add</i>	154.05	
			<i>For Work In Restricted Working Space, Add</i>	144.42	
23 31 13	13-1048	LF	44" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	563.20	295.11
			<i>For Seal Class B, Add</i>	73.78	
			<i>For Seal Class A, Add</i>	157.40	
			<i>For Work In Restricted Working Space, Add</i>	147.56	
23 31 13	13-1049	LF	44" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.18	301.40
			<i>For Seal Class B, Add</i>	75.35	
			<i>For Seal Class A, Add</i>	160.75	
			<i>For Work In Restricted Working Space, Add</i>	150.70	
23 31 13	13-1050	LF	44" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	587.16	307.67
			<i>For Seal Class B, Add</i>	76.92	
			<i>For Seal Class A, Add</i>	164.09	
			<i>For Work In Restricted Working Space, Add</i>	153.84	
23 31 13	13-1051	LF	44" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	599.14	313.96
			<i>For Seal Class B, Add</i>	78.49	
			<i>For Seal Class A, Add</i>	167.44	
			<i>For Work In Restricted Working Space, Add</i>	156.98	
23 31 13	13-1052	LF	46" x 46", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	551.20	288.84
			<i>For Seal Class B, Add</i>	72.21	
			<i>For Seal Class A, Add</i>	154.05	
			<i>For Work In Restricted Working Space, Add</i>	144.42	
23 31 13	13-1053	LF	46" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	563.20	295.11
			<i>For Seal Class B, Add</i>	73.78	
			<i>For Seal Class A, Add</i>	157.40	
			<i>For Work In Restricted Working Space, Add</i>	147.56	
23 31 13	13-1054	LF	46" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.18	301.40
			<i>For Seal Class B, Add</i>	75.35	
			<i>For Seal Class A, Add</i>	160.75	
			<i>For Work In Restricted Working Space, Add</i>	150.70	
23 31 13	13-1055	LF	46" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	587.16	307.67
			<i>For Seal Class B, Add</i>	76.92	
			<i>For Seal Class A, Add</i>	164.09	
			<i>For Work In Restricted Working Space, Add</i>	153.84	
23 31 13	13-1056	LF	46" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	599.14	313.96
			<i>For Seal Class B, Add</i>	78.49	
			<i>For Seal Class A, Add</i>	167.44	
			<i>For Work In Restricted Working Space, Add</i>	156.98	
23 31 13	13-1057	LF	46" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	621.59	326.52
			<i>For Seal Class B, Add</i>	81.63	
			<i>For Seal Class A, Add</i>	174.14	
			<i>For Work In Restricted Working Space, Add</i>	163.26	
23 31 13	13-1058	LF	46" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	633.59	332.79
			<i>For Seal Class B, Add</i>	83.20	
			<i>For Seal Class A, Add</i>	177.49	
			<i>For Work In Restricted Working Space, Add</i>	166.40	
23 31 13	13-1059	LF	48" x 48", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	575.18	301.40
			<i>For Seal Class B, Add</i>	75.35	
			<i>For Seal Class A, Add</i>	160.75	
			<i>For Work In Restricted Working Space, Add</i>	150.70	
23 31 13	13-1060	LF	48" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	587.16	307.67
			<i>For Seal Class B, Add</i>	76.92	
			<i>For Seal Class A, Add</i>	164.09	
			<i>For Work In Restricted Working Space, Add</i>	153.84	
23 31 13	13-1061	LF	48" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	599.14	313.96
			<i>For Seal Class B, Add</i>	78.49	
			<i>For Seal Class A, Add</i>	167.44	
			<i>For Work In Restricted Working Space, Add</i>	156.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1062 LF 48" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.12	320.24
For Seal Class B, Add	80.06	
For Seal Class A, Add	170.79	
For Work In Restricted Working Space, Add	160.12	
23 31 13 13-1063 LF 48" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	623.13	326.52
For Seal Class B, Add	81.63	
For Seal Class A, Add	174.14	
For Work In Restricted Working Space, Add	163.26	
23 31 13 13-1064 LF 48" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	635.10	332.79
For Seal Class B, Add	83.20	
For Seal Class A, Add	177.49	
For Work In Restricted Working Space, Add	166.40	
23 31 13 13-1065 LF 48" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	647.07	339.08
For Seal Class B, Add	84.77	
For Seal Class A, Add	180.84	
For Work In Restricted Working Space, Add	169.54	
23 31 13 13-1066 LF 50" x 50", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	599.14	313.96
For Seal Class B, Add	78.49	
For Seal Class A, Add	167.44	
For Work In Restricted Working Space, Add	156.98	
23 31 13 13-1067 LF 50" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	611.12	320.24
For Seal Class B, Add	80.06	
For Seal Class A, Add	170.79	
For Work In Restricted Working Space, Add	160.12	
23 31 13 13-1068 LF 50" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	623.13	326.52
For Seal Class B, Add	81.63	
For Seal Class A, Add	174.14	
For Work In Restricted Working Space, Add	163.26	
23 31 13 13-1069 LF 50" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	635.10	332.79
For Seal Class B, Add	83.20	
For Seal Class A, Add	177.49	
For Work In Restricted Working Space, Add	166.40	
23 31 13 13-1070 LF 50" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	647.07	339.08
For Seal Class B, Add	84.77	
For Seal Class A, Add	180.84	
For Work In Restricted Working Space, Add	169.54	
23 31 13 13-1071 LF 50" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	659.05	345.35
For Seal Class B, Add	86.34	
For Seal Class A, Add	184.19	
For Work In Restricted Working Space, Add	172.67	
23 31 13 13-1072 LF 52" x 52", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	623.13	326.52
For Seal Class B, Add	81.63	
For Seal Class A, Add	174.14	
For Work In Restricted Working Space, Add	163.26	
23 31 13 13-1073 LF 52" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	635.10	332.79
For Seal Class B, Add	83.20	
For Seal Class A, Add	177.49	
For Work In Restricted Working Space, Add	166.40	
23 31 13 13-1074 LF 52" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	647.07	339.08
For Seal Class B, Add	84.77	
For Seal Class A, Add	180.84	
For Work In Restricted Working Space, Add	169.54	
23 31 13 13-1075 LF 52" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	659.05	345.35
For Seal Class B, Add	86.34	
For Seal Class A, Add	184.19	
For Work In Restricted Working Space, Add	172.67	
23 31 13 13-1076 LF 52" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	671.04	351.63
For Seal Class B, Add	87.91	
For Seal Class A, Add	187.54	
For Work In Restricted Working Space, Add	175.82	
23 31 13 13-1077 LF 54" x 54", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	647.07	339.08
For Seal Class B, Add	84.77	
For Seal Class A, Add	180.84	
For Work In Restricted Working Space, Add	169.54	
23 31 13 13-1078 LF 54" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	659.05	345.35
For Seal Class B, Add	86.34	
For Seal Class A, Add	184.19	
For Work In Restricted Working Space, Add	172.67	
23 31 13 13-1079 LF 54" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	671.04	351.63
For Seal Class B, Add	87.91	
For Seal Class A, Add	187.54	
For Work In Restricted Working Space, Add	175.82	
23 31 13 13-1080 LF 54" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	683.04	357.91
For Seal Class B, Add	89.48	
For Seal Class A, Add	190.89	
For Work In Restricted Working Space, Add	178.96	
23 31 13 13-1081 LF 54" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	695.01	364.19
For Seal Class B, Add	91.05	
For Seal Class A, Add	194.23	
For Work In Restricted Working Space, Add	182.09	
23 31 13 13-1082 LF 54" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	706.98	370.46
For Seal Class B, Add	92.62	
For Seal Class A, Add	197.58	
For Work In Restricted Working Space, Add	185.23	
23 31 13 13-1083 LF 56" x 56", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	671.04	351.63
For Seal Class B, Add	87.91	
For Seal Class A, Add	187.54	
For Work In Restricted Working Space, Add	175.82	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13	13-1084	LF 56" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	683.04	357.91
			<i>For Seal Class B, Add</i>	89.48	
			<i>For Seal Class A, Add</i>	190.89	
			<i>For Work In Restricted Working Space, Add</i>	178.96	
23 31	13	13-1085	LF 56" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	695.01	364.19
			<i>For Seal Class B, Add</i>	91.05	
			<i>For Seal Class A, Add</i>	194.23	
			<i>For Work In Restricted Working Space, Add</i>	182.09	
23 31	13	13-1086	LF 56" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	706.98	370.46
			<i>For Seal Class B, Add</i>	92.62	
			<i>For Seal Class A, Add</i>	197.58	
			<i>For Work In Restricted Working Space, Add</i>	185.23	
23 31	13	13-1087	LF 56" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	718.97	376.74
			<i>For Seal Class B, Add</i>	94.19	
			<i>For Seal Class A, Add</i>	200.93	
			<i>For Work In Restricted Working Space, Add</i>	188.38	
23 31	13	13-1088	LF 58" x 58", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	695.01	364.19
			<i>For Seal Class B, Add</i>	91.05	
			<i>For Seal Class A, Add</i>	194.23	
			<i>For Work In Restricted Working Space, Add</i>	182.09	
23 31	13	13-1089	LF 58" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	706.98	370.46
			<i>For Seal Class B, Add</i>	92.62	
			<i>For Seal Class A, Add</i>	197.58	
			<i>For Work In Restricted Working Space, Add</i>	185.23	
23 31	13	13-1090	LF 58" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	718.97	376.74
			<i>For Seal Class B, Add</i>	94.19	
			<i>For Seal Class A, Add</i>	200.93	
			<i>For Work In Restricted Working Space, Add</i>	188.38	
23 31	13	13-1091	LF 58" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	730.95	383.03
			<i>For Seal Class B, Add</i>	95.76	
			<i>For Seal Class A, Add</i>	204.28	
			<i>For Work In Restricted Working Space, Add</i>	191.51	
23 31	13	13-1092	LF 58" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	742.94	389.31
			<i>For Seal Class B, Add</i>	97.33	
			<i>For Seal Class A, Add</i>	207.63	
			<i>For Work In Restricted Working Space, Add</i>	194.65	
23 31	13	13-1093	LF 60" x 60", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	718.97	376.74
			<i>For Seal Class B, Add</i>	94.19	
			<i>For Seal Class A, Add</i>	200.93	
			<i>For Work In Restricted Working Space, Add</i>	188.38	
23 31	13	13-1094	LF 60" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	730.95	383.03
			<i>For Seal Class B, Add</i>	95.76	
			<i>For Seal Class A, Add</i>	204.28	
			<i>For Work In Restricted Working Space, Add</i>	191.51	
23 31	13	13-1095	LF 60" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	742.94	389.31
			<i>For Seal Class B, Add</i>	97.33	
			<i>For Seal Class A, Add</i>	207.63	
			<i>For Work In Restricted Working Space, Add</i>	194.65	
23 31	13	13-1096	LF 60" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	754.93	395.59
			<i>For Seal Class B, Add</i>	98.90	
			<i>For Seal Class A, Add</i>	210.98	
			<i>For Work In Restricted Working Space, Add</i>	197.79	
23 31	13	13-1097	LF 60" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	766.91	401.87
			<i>For Seal Class B, Add</i>	100.47	
			<i>For Seal Class A, Add</i>	214.33	
			<i>For Work In Restricted Working Space, Add</i>	200.93	
23 31	13	13-1098	LF 62" x 62", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	742.94	389.31
			<i>For Seal Class B, Add</i>	97.33	
			<i>For Seal Class A, Add</i>	207.63	
			<i>For Work In Restricted Working Space, Add</i>	194.65	
23 31	13	13-1099	LF 62" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	754.93	395.59
			<i>For Seal Class B, Add</i>	98.90	
			<i>For Seal Class A, Add</i>	210.98	
			<i>For Work In Restricted Working Space, Add</i>	197.79	
23 31	13	13-1100	LF 62" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	766.91	401.87
			<i>For Seal Class B, Add</i>	100.47	
			<i>For Seal Class A, Add</i>	214.33	
			<i>For Work In Restricted Working Space, Add</i>	200.93	
23 31	13	13-1101	LF 62" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	778.88	408.14
			<i>For Seal Class B, Add</i>	102.04	
			<i>For Seal Class A, Add</i>	217.68	
			<i>For Work In Restricted Working Space, Add</i>	204.07	
23 31	13	13-1102	LF 62" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	790.86	414.42
			<i>For Seal Class B, Add</i>	103.61	
			<i>For Seal Class A, Add</i>	221.02	
			<i>For Work In Restricted Working Space, Add</i>	207.21	
23 31	13	13-1103	LF 64" x 64", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	766.91	401.87
			<i>For Seal Class B, Add</i>	100.47	
			<i>For Seal Class A, Add</i>	214.33	
			<i>For Work In Restricted Working Space, Add</i>	200.93	
23 31	13	13-1104	LF 64" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	778.88	408.14
			<i>For Seal Class B, Add</i>	102.04	
			<i>For Seal Class A, Add</i>	217.68	
			<i>For Work In Restricted Working Space, Add</i>	204.07	
23 31	13	13-1105	LF 64" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	790.86	414.42
			<i>For Seal Class B, Add</i>	103.61	
			<i>For Seal Class A, Add</i>	221.02	
			<i>For Work In Restricted Working Space, Add</i>	207.21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1106 LF 64" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	802.85	420.70
<i>For Seal Class B, Add</i>	105.17	
<i>For Seal Class A, Add</i>	224.37	
<i>For Work In Restricted Working Space, Add</i>	210.35	
23 31 13 13-1107 LF 66" x 66", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	790.86	414.42
<i>For Seal Class B, Add</i>	103.61	
<i>For Seal Class A, Add</i>	221.02	
<i>For Work In Restricted Working Space, Add</i>	207.21	
23 31 13 13-1108 LF 66" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	802.85	420.70
<i>For Seal Class B, Add</i>	105.17	
<i>For Seal Class A, Add</i>	224.37	
<i>For Work In Restricted Working Space, Add</i>	210.35	
23 31 13 13-1109 LF 66" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	814.84	426.98
<i>For Seal Class B, Add</i>	106.75	
<i>For Seal Class A, Add</i>	227.72	
<i>For Work In Restricted Working Space, Add</i>	213.49	
23 31 13 13-1110 LF 66" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	826.82	433.26
<i>For Seal Class B, Add</i>	108.32	
<i>For Seal Class A, Add</i>	231.07	
<i>For Work In Restricted Working Space, Add</i>	216.63	
23 31 13 13-1111 LF 68" x 68", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	814.84	426.98
<i>For Seal Class B, Add</i>	106.75	
<i>For Seal Class A, Add</i>	227.72	
<i>For Work In Restricted Working Space, Add</i>	213.49	
23 31 13 13-1112 LF 68" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	826.82	433.26
<i>For Seal Class B, Add</i>	108.32	
<i>For Seal Class A, Add</i>	231.07	
<i>For Work In Restricted Working Space, Add</i>	216.63	
23 31 13 13-1113 LF 68" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	838.80	439.53
<i>For Seal Class B, Add</i>	109.89	
<i>For Seal Class A, Add</i>	234.42	
<i>For Work In Restricted Working Space, Add</i>	219.77	
23 31 13 13-1114 LF 68" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	850.77	445.82
<i>For Seal Class B, Add</i>	111.45	
<i>For Seal Class A, Add</i>	237.77	
<i>For Work In Restricted Working Space, Add</i>	222.91	
23 31 13 13-1115 LF 70" x 70", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	838.80	439.53
<i>For Seal Class B, Add</i>	109.89	
<i>For Seal Class A, Add</i>	234.42	
<i>For Work In Restricted Working Space, Add</i>	219.77	
23 31 13 13-1116 LF 70" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	850.77	445.82
<i>For Seal Class B, Add</i>	111.45	
<i>For Seal Class A, Add</i>	237.77	
<i>For Work In Restricted Working Space, Add</i>	222.91	
23 31 13 13-1117 LF 70" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	862.78	452.10
<i>For Seal Class B, Add</i>	113.03	
<i>For Seal Class A, Add</i>	241.12	
<i>For Work In Restricted Working Space, Add</i>	226.05	
23 31 13 13-1118 LF 70" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	874.75	458.38
<i>For Seal Class B, Add</i>	114.59	
<i>For Seal Class A, Add</i>	244.47	
<i>For Work In Restricted Working Space, Add</i>	229.19	
23 31 13 13-1119 LF 70" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	886.73	464.66
<i>For Seal Class B, Add</i>	116.16	
<i>For Seal Class A, Add</i>	247.81	
<i>For Work In Restricted Working Space, Add</i>	232.33	
23 31 13 13-1120 LF 70" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	898.70	470.94
<i>For Seal Class B, Add</i>	117.73	
<i>For Seal Class A, Add</i>	251.16	
<i>For Work In Restricted Working Space, Add</i>	235.46	
23 31 13 13-1121 LF 70" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.70	477.21
<i>For Seal Class B, Add</i>	119.31	
<i>For Seal Class A, Add</i>	254.52	
<i>For Work In Restricted Working Space, Add</i>	238.61	
23 31 13 13-1122 LF 70" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.70	483.50
<i>For Seal Class B, Add</i>	120.87	
<i>For Seal Class A, Add</i>	257.87	
<i>For Work In Restricted Working Space, Add</i>	241.75	
23 31 13 13-1123 LF 70" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	934.67	489.77
<i>For Seal Class B, Add</i>	122.44	
<i>For Seal Class A, Add</i>	261.21	
<i>For Work In Restricted Working Space, Add</i>	244.89	
23 31 13 13-1124 LF 72" x 72", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	862.78	452.10
<i>For Seal Class B, Add</i>	113.03	
<i>For Seal Class A, Add</i>	241.12	
<i>For Work In Restricted Working Space, Add</i>	226.05	
23 31 13 13-1125 LF 72" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	874.75	458.38
<i>For Seal Class B, Add</i>	114.59	
<i>For Seal Class A, Add</i>	244.47	
<i>For Work In Restricted Working Space, Add</i>	229.19	
23 31 13 13-1126 LF 72" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	886.73	464.66
<i>For Seal Class B, Add</i>	116.16	
<i>For Seal Class A, Add</i>	247.81	
<i>For Work In Restricted Working Space, Add</i>	232.33	
23 31 13 13-1127 LF 72" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	898.70	470.94
<i>For Seal Class B, Add</i>	117.73	
<i>For Seal Class A, Add</i>	251.16	
<i>For Work In Restricted Working Space, Add</i>	235.46	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13	13-1128	LF	72" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.70	477.21
			<i>For Seal Class B, Add</i>	119.31	
			<i>For Seal Class A, Add</i>	254.52	
			<i>For Work In Restricted Working Space, Add</i>	238.61	
23 31 13	13-1129	LF	72" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.70	483.50
			<i>For Seal Class B, Add</i>	120.87	
			<i>For Seal Class A, Add</i>	257.87	
			<i>For Work In Restricted Working Space, Add</i>	241.75	
23 31 13	13-1130	LF	72" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	934.67	489.77
			<i>For Seal Class B, Add</i>	122.44	
			<i>For Seal Class A, Add</i>	261.21	
			<i>For Work In Restricted Working Space, Add</i>	244.89	
23 31 13	13-1131	LF	72" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	946.64	496.05
			<i>For Seal Class B, Add</i>	124.01	
			<i>For Seal Class A, Add</i>	264.56	
			<i>For Work In Restricted Working Space, Add</i>	248.03	
23 31 13	13-1132	LF	74" x 74", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	886.73	464.66
			<i>For Seal Class B, Add</i>	116.16	
			<i>For Seal Class A, Add</i>	247.81	
			<i>For Work In Restricted Working Space, Add</i>	232.33	
23 31 13	13-1133	LF	74" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	898.70	470.94
			<i>For Seal Class B, Add</i>	117.73	
			<i>For Seal Class A, Add</i>	251.16	
			<i>For Work In Restricted Working Space, Add</i>	235.46	
23 31 13	13-1134	LF	74" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.70	477.21
			<i>For Seal Class B, Add</i>	119.31	
			<i>For Seal Class A, Add</i>	254.52	
			<i>For Work In Restricted Working Space, Add</i>	238.61	
23 31 13	13-1135	LF	74" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.70	483.50
			<i>For Seal Class B, Add</i>	120.87	
			<i>For Seal Class A, Add</i>	257.87	
			<i>For Work In Restricted Working Space, Add</i>	241.75	
23 31 13	13-1136	LF	74" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	934.67	489.77
			<i>For Seal Class B, Add</i>	122.44	
			<i>For Seal Class A, Add</i>	261.21	
			<i>For Work In Restricted Working Space, Add</i>	244.89	
23 31 13	13-1137	LF	74" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	946.64	496.05
			<i>For Seal Class B, Add</i>	124.01	
			<i>For Seal Class A, Add</i>	264.56	
			<i>For Work In Restricted Working Space, Add</i>	248.03	
23 31 13	13-1138	LF	74" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	958.62	502.33
			<i>For Seal Class B, Add</i>	125.58	
			<i>For Seal Class A, Add</i>	267.91	
			<i>For Work In Restricted Working Space, Add</i>	251.16	
23 31 13	13-1139	LF	76" x 76", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	910.70	477.21
			<i>For Seal Class B, Add</i>	119.31	
			<i>For Seal Class A, Add</i>	254.52	
			<i>For Work In Restricted Working Space, Add</i>	238.61	
23 31 13	13-1140	LF	76" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	922.70	483.50
			<i>For Seal Class B, Add</i>	120.87	
			<i>For Seal Class A, Add</i>	257.87	
			<i>For Work In Restricted Working Space, Add</i>	241.75	
23 31 13	13-1141	LF	76" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	934.67	489.77
			<i>For Seal Class B, Add</i>	122.44	
			<i>For Seal Class A, Add</i>	261.21	
			<i>For Work In Restricted Working Space, Add</i>	244.89	
23 31 13	13-1142	LF	76" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	946.64	496.05
			<i>For Seal Class B, Add</i>	124.01	
			<i>For Seal Class A, Add</i>	264.56	
			<i>For Work In Restricted Working Space, Add</i>	248.03	
23 31 13	13-1143	LF	76" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	958.62	502.33
			<i>For Seal Class B, Add</i>	125.58	
			<i>For Seal Class A, Add</i>	267.91	
			<i>For Work In Restricted Working Space, Add</i>	251.16	
23 31 13	13-1144	LF	76" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	970.60	508.60
			<i>For Seal Class B, Add</i>	127.15	
			<i>For Seal Class A, Add</i>	271.26	
			<i>For Work In Restricted Working Space, Add</i>	254.30	
23 31 13	13-1145	LF	78" x 78", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	934.67	489.77
			<i>For Seal Class B, Add</i>	122.44	
			<i>For Seal Class A, Add</i>	261.21	
			<i>For Work In Restricted Working Space, Add</i>	244.89	
23 31 13	13-1146	LF	78" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	946.64	496.05
			<i>For Seal Class B, Add</i>	124.01	
			<i>For Seal Class A, Add</i>	264.56	
			<i>For Work In Restricted Working Space, Add</i>	248.03	
23 31 13	13-1147	LF	78" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	958.62	502.33
			<i>For Seal Class B, Add</i>	125.58	
			<i>For Seal Class A, Add</i>	267.91	
			<i>For Work In Restricted Working Space, Add</i>	251.16	
23 31 13	13-1148	LF	78" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	970.60	508.60
			<i>For Seal Class B, Add</i>	127.15	
			<i>For Seal Class A, Add</i>	271.26	
			<i>For Work In Restricted Working Space, Add</i>	254.30	
23 31 13	13-1149	LF	78" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	982.59	514.88
			<i>For Seal Class B, Add</i>	128.72	
			<i>For Seal Class A, Add</i>	274.60	
			<i>For Work In Restricted Working Space, Add</i>	257.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 13-1150 LF 80" x 80", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	958.62	502.33
<i>For Seal Class B, Add</i>	125.58	
<i>For Seal Class A, Add</i>	267.91	
<i>For Work In Restricted Working Space, Add</i>	251.16	
23 31 13 13-1151 LF 80" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	970.60	508.60
<i>For Seal Class B, Add</i>	127.15	
<i>For Seal Class A, Add</i>	271.26	
<i>For Work In Restricted Working Space, Add</i>	254.30	
23 31 13 13-1152 LF 80" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	982.59	514.88
<i>For Seal Class B, Add</i>	128.72	
<i>For Seal Class A, Add</i>	274.60	
<i>For Work In Restricted Working Space, Add</i>	257.44	
23 31 13 13-1153 LF 80" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	1,005.05	527.45
<i>For Seal Class B, Add</i>	131.86	
<i>For Seal Class A, Add</i>	281.31	
<i>For Work In Restricted Working Space, Add</i>	263.72	
23 31 13 13-1154 LF 82" x 82", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	982.59	514.88
<i>For Seal Class B, Add</i>	128.72	
<i>For Seal Class A, Add</i>	274.60	
<i>For Work In Restricted Working Space, Add</i>	257.44	
23 31 13 13-1155 LF 82" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	994.59	521.18
<i>For Seal Class B, Add</i>	130.29	
<i>For Seal Class A, Add</i>	277.96	
<i>For Work In Restricted Working Space, Add</i>	260.59	
23 31 13 13-1156 LF 82" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	1,006.56	527.45
<i>For Seal Class B, Add</i>	131.86	
<i>For Seal Class A, Add</i>	281.31	
<i>For Work In Restricted Working Space, Add</i>	263.72	
23 31 13 13-1157 LF 84" x 84", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	1,006.56	527.45
<i>For Seal Class B, Add</i>	131.86	
<i>For Seal Class A, Add</i>	281.31	
<i>For Work In Restricted Working Space, Add</i>	263.72	
23 31 13 13-1158 LF 84" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	1,018.54	533.73
<i>For Seal Class B, Add</i>	133.43	
<i>For Seal Class A, Add</i>	284.66	
<i>For Work In Restricted Working Space, Add</i>	266.87	
23 31 13 13-1159 LF 86" x 86", 18 Gauge, Seal Class C, Galvanized Steel Sheet Metal Ductwork	1,030.52	540.01
<i>For Seal Class B, Add</i>	135.00	
<i>For Seal Class A, Add</i>	288.00	
<i>For Work In Restricted Working Space, Add</i>	270.00	

23 31 13 16 Round and Flat-Oval Spiral Ducts (23 31 13)

23 31 13 16-0001 Low Pressure Round And Flat-Oval Duct (23 31 13 16)
 Note: 7" diameter round = 4" x 11.85" flat oval. 8" diameter round = 4" x 15" flat oval. 10" diameter round = 4" x 25.99" or 6" x 15.42" or 8" x 11.14" flat oval. 12" diameter round = 6" x 23.28" or 8" x 15.85" flat oval. 14" diameter round = 6" x 32.70" or 8" x 22.14" or 10" x 17.85 or 12" x 15.14" flat oval. 16" diameter round = 6" x 43.70" or 8" x 29.99" or 10" x 24.14" or 12" x 19.85" or 14" x 17.14" flat oval. 18" diameter round = 6" x 59.41" or 8" x 39.42" or 10" x 30.42" or 12" x 24.57" or 14" x 21.85" or 16" x 19.14" flat oval. 20" diameter round = 8" x 51.98" or 10" x 38.27" or 12" x 30.85" or 14" x 26.57" or 16" x 23.85" or 18" x 21.14" flat oval. Includes sealing the joints by tape, mastic, or spray on sealer.

23 31 13 16-0002 Galvanized Sheet Metal Round And Flat-Oval Ducts (23 31 13 16-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0003 LF 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	8.97	3.35
<i>For Seal Class B, Add</i>	1.03	
<i>For Seal Class A, Add</i>	2.74	
<i>For Up To 20', Add</i>	0.64	
<i>For >20' To 50', Add</i>	0.25	
<i>For >200' To 500', Deduct</i>	-0.16	
<i>For >500', Deduct</i>	-0.27	
<i>For 28 Gauge, Deduct</i>	-0.29	
<i>For 24 Gauge, Add</i>	0.29	
<i>For 18 Gauge, Add</i>	1.17	
<i>For 20 Gauge, Add</i>	0.88	
<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	1.57	
<i>For 16 Gauge, Add</i>	1.43	
<i>For 22 Gauge, Add</i>	0.58	
<i>For Work In Restricted Working Space, Add</i>	2.06	
<i>For Elevated Installation >10' To 15', Add</i>	0.69	
<i>For Elevated Installation >15' To 20', Add</i>	1.37	
<i>For Elevated Installation >20' To 25', Add</i>	1.71	
<i>For Elevated Installation >25' To 30', Add</i>	2.40	
<i>For Elevated Installation >30' To 35', Add</i>	2.74	
<i>For Elevated Installation >35' To 40', Add</i>	3.43	
<i>For Elevated Installation >40', Add</i>	3.77	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 31 HVAC Ducts and Casings



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0004	LF	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	10.29	3.80
		<i>For Seal Class B, Add</i>	1.14	
		<i>For Seal Class A, Add</i>	3.04	
		<i>For Up To 20', Add</i>	0.80	
		<i>For >20' To 50', Add</i>	0.32	
		<i>For >200' To 500', Deduct</i>	-0.20	
		<i>For >500', Deduct</i>	-0.34	
		<i>For 28 Gauge, Deduct</i>	-0.37	
		<i>For 24 Gauge, Add</i>	0.37	
		<i>For 18 Gauge, Add</i>	1.47	
		<i>For 20 Gauge, Add</i>	1.11	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	1.98	
		<i>For 16 Gauge, Add</i>	1.81	
		<i>For 22 Gauge, Add</i>	0.74	
		<i>For Work In Restricted Working Space, Add</i>	2.28	
		<i>For Elevated Installation >10' To 15', Add</i>	0.76	
		<i>For Elevated Installation >15' To 20', Add</i>	1.52	
		<i>For Elevated Installation >20' To 25', Add</i>	1.90	
		<i>For Elevated Installation >25' To 30', Add</i>	2.66	
		<i>For Elevated Installation >30' To 35', Add</i>	3.04	
		<i>For Elevated Installation >35' To 40', Add</i>	3.81	
		<i>For Elevated Installation >40', Add</i>	4.19	
23 31 13 16-0005	LF	6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	11.65	4.56
		<i>For Seal Class B, Add</i>	1.28	
		<i>For Seal Class A, Add</i>	3.42	
		<i>For Up To 20', Add</i>	0.93	
		<i>For >20' To 50', Add</i>	0.37	
		<i>For >200' To 500', Deduct</i>	-0.23	
		<i>For >500', Deduct</i>	-0.39	
		<i>For 28 Gauge, Deduct</i>	-0.43	
		<i>For 24 Gauge, Add</i>	0.43	
		<i>For 18 Gauge, Add</i>	1.70	
		<i>For 20 Gauge, Add</i>	1.28	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.29	
		<i>For 16 Gauge, Add</i>	2.09	
		<i>For 22 Gauge, Add</i>	0.85	
		<i>For Work In Restricted Working Space, Add</i>	2.57	
		<i>For Elevated Installation >10' To 15', Add</i>	0.86	
		<i>For Elevated Installation >15' To 20', Add</i>	1.71	
		<i>For Elevated Installation >20' To 25', Add</i>	2.14	
		<i>For Elevated Installation >25' To 30', Add</i>	3.00	
		<i>For Elevated Installation >30' To 35', Add</i>	3.42	
		<i>For Elevated Installation >35' To 40', Add</i>	4.28	
		<i>For Elevated Installation >40', Add</i>	4.71	
23 31 13 16-0006	LF	7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	13.12	5.33
		<i>For Seal Class B, Add</i>	1.47	
		<i>For Seal Class A, Add</i>	3.91	
		<i>For Up To 20', Add</i>	1.00	
		<i>For >20' To 50', Add</i>	0.40	
		<i>For >200' To 500', Deduct</i>	-0.25	
		<i>For >500', Deduct</i>	-0.42	
		<i>For 28 Gauge, Deduct</i>	-0.46	
		<i>For 24 Gauge, Add</i>	0.46	
		<i>For 18 Gauge, Add</i>	1.84	
		<i>For 20 Gauge, Add</i>	1.38	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.47	
		<i>For 16 Gauge, Add</i>	2.25	
		<i>For 22 Gauge, Add</i>	0.92	
		<i>For Work In Restricted Working Space, Add</i>	2.93	
		<i>For Elevated Installation >10' To 15', Add</i>	0.98	
		<i>For Elevated Installation >15' To 20', Add</i>	1.96	
		<i>For Elevated Installation >20' To 25', Add</i>	2.45	
		<i>For Elevated Installation >25' To 30', Add</i>	3.42	
		<i>For Elevated Installation >30' To 35', Add</i>	3.91	
		<i>For Elevated Installation >35' To 40', Add</i>	4.89	
		<i>For Elevated Installation >40', Add</i>	5.38	
23 31 13 16-0007	LF	8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	14.99	6.08
		<i>For Seal Class B, Add</i>	1.71	
		<i>For Seal Class A, Add</i>	4.56	
		<i>For Up To 20', Add</i>	1.07	
		<i>For >20' To 50', Add</i>	0.43	
		<i>For >200' To 500', Deduct</i>	-0.27	
		<i>For >500', Deduct</i>	-0.45	
		<i>For 28 Gauge, Deduct</i>	-0.50	
		<i>For 24 Gauge, Add</i>	0.49	
		<i>For 18 Gauge, Add</i>	1.97	
		<i>For 20 Gauge, Add</i>	1.48	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.65	
		<i>For 16 Gauge, Add</i>	2.42	
		<i>For 22 Gauge, Add</i>	0.99	
		<i>For Work In Restricted Working Space, Add</i>	3.42	
		<i>For Elevated Installation >10' To 15', Add</i>	1.14	
		<i>For Elevated Installation >15' To 20', Add</i>	2.28	
		<i>For Elevated Installation >20' To 25', Add</i>	2.85	
		<i>For Elevated Installation >25' To 30', Add</i>	3.99	
		<i>For Elevated Installation >30' To 35', Add</i>	4.56	
		<i>For Elevated Installation >35' To 40', Add</i>	5.71	
		<i>For Elevated Installation >40', Add</i>	6.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0008 LF 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	18.90	7.61
For Seal Class B, Add	2.05	
For Seal Class A, Add	5.48	
For Up To 20', Add	1.56	
For >20' To 50', Add	0.63	
For >200' To 500', Deduct	-0.39	
For >500', Deduct	-0.65	
For 28 Gauge, Deduct	-0.72	
For 24 Gauge, Add	0.72	
For 18 Gauge, Add	2.87	
For 20 Gauge, Add	2.16	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.86	
For 16 Gauge, Add	3.52	
For 22 Gauge, Add	1.44	
For Work In Restricted Working Space, Add	4.11	
For Elevated Installation >10' To 15', Add	1.37	
For Elevated Installation >15' To 20', Add	2.74	
For Elevated Installation >20' To 25', Add	3.42	
For Elevated Installation >25' To 30', Add	4.79	
For Elevated Installation >30' To 35', Add	5.48	
For Elevated Installation >35' To 40', Add	6.85	
For Elevated Installation >40', Add	7.53	
23 31 13 16-0009 LF 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	23.21	10.20
For Seal Class B, Add	2.57	
For Seal Class A, Add	6.85	
For Up To 20', Add	1.83	
For >20' To 50', Add	0.73	
For >200' To 500', Deduct	-0.46	
For >500', Deduct	-0.76	
For 28 Gauge, Deduct	-0.84	
For 24 Gauge, Add	0.84	
For 18 Gauge, Add	3.35	
For 20 Gauge, Add	2.52	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.51	
For 16 Gauge, Add	4.11	
For 22 Gauge, Add	1.68	
For Work In Restricted Working Space, Add	5.14	
For Elevated Installation >10' To 15', Add	1.71	
For Elevated Installation >15' To 20', Add	3.42	
For Elevated Installation >20' To 25', Add	4.28	
For Elevated Installation >25' To 30', Add	5.99	
For Elevated Installation >30' To 35', Add	6.85	
For Elevated Installation >35' To 40', Add	8.56	
For Elevated Installation >40', Add	9.42	
23 31 13 16-0010 LF 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	28.32	15.21
For Seal Class B, Add	3.21	
For Seal Class A, Add	8.56	
For Up To 20', Add	2.08	
For >20' To 50', Add	0.83	
For >200' To 500', Deduct	-0.52	
For >500', Deduct	-0.87	
For 28 Gauge, Deduct	-0.96	
For 24 Gauge, Add	0.95	
For 18 Gauge, Add	3.81	
For 20 Gauge, Add	2.86	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.12	
For 16 Gauge, Add	4.67	
For 22 Gauge, Add	1.91	
For Work In Restricted Working Space, Add	6.42	
For Elevated Installation >10' To 15', Add	2.14	
For Elevated Installation >15' To 20', Add	4.28	
For Elevated Installation >20' To 25', Add	5.35	
For Elevated Installation >25' To 30', Add	7.49	
For Elevated Installation >30' To 35', Add	8.56	
For Elevated Installation >35' To 40', Add	10.70	
For Elevated Installation >40', Add	11.77	
23 31 13 16-0011 LF 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct.....	38.05	20.39
For Seal Class B, Add	4.28	
For Seal Class A, Add	11.42	
For Up To 20', Add	2.85	
For >20' To 50', Add	1.14	
For >200' To 500', Deduct	-0.71	
For >500', Deduct	-1.19	
For 28 Gauge, Deduct	-1.32	
For 24 Gauge, Add	1.31	
For 18 Gauge, Add	5.23	
For 20 Gauge, Add	3.94	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.04	
For 16 Gauge, Add	6.42	
For 22 Gauge, Add	2.62	
For Work In Restricted Working Space, Add	8.56	
For Elevated Installation >10' To 15', Add	2.85	
For Elevated Installation >15' To 20', Add	5.71	
For Elevated Installation >20' To 25', Add	7.14	
For Elevated Installation >25' To 30', Add	9.99	
For Elevated Installation >30' To 35', Add	11.42	
For Elevated Installation >35' To 40', Add	14.27	
For Elevated Installation >40', Add	15.70	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0012	LF	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	52.61	24.50
		<i>For Up To 20', Add</i>	5.51	
		<i>For >20' To 50', Add</i>	2.20	
		<i>For >200' To 500', Deduct</i>	-1.38	
		<i>For >500', Deduct</i>	-2.30	
		<i>For 28 Gauge, Deduct</i>	-2.54	
		<i>For 24 Gauge, Add</i>	2.54	
		<i>For 18 Gauge, Add</i>	10.10	
		<i>For 20 Gauge, Add</i>	7.61	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	13.59	
		<i>For 16 Gauge, Add</i>	12.40	
		<i>For 22 Gauge, Add</i>	5.06	
		<i>For Work In Restricted Working Space, Add</i>	10.27	
		<i>For Elevated Installation >10' To 15', Add</i>	3.42	
		<i>For Elevated Installation >15' To 20', Add</i>	6.85	
		<i>For Elevated Installation >20' To 25', Add</i>	8.56	
		<i>For Elevated Installation >25' To 30', Add</i>	11.98	
		<i>For Elevated Installation >30' To 35', Add</i>	13.70	
		<i>For Elevated Installation >35' To 40', Add</i>	17.12	
		<i>For Elevated Installation >40', Add</i>	18.83	
23 31 13 16-0013	LF	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Duct	60.08	28.30
		<i>For Up To 20', Add</i>	6.15	
		<i>For >20' To 50', Add</i>	2.46	
		<i>For >200' To 500', Deduct</i>	-1.54	
		<i>For >500', Deduct</i>	-2.56	
		<i>For 28 Gauge, Deduct</i>	-2.84	
		<i>For 24 Gauge, Add</i>	2.83	
		<i>For 18 Gauge, Add</i>	11.28	
		<i>For 20 Gauge, Add</i>	8.49	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	15.18	
		<i>For 16 Gauge, Add</i>	13.84	
		<i>For 22 Gauge, Add</i>	5.65	
		<i>For Work In Restricted Working Space, Add</i>	11.87	
		<i>For Elevated Installation >10' To 15', Add</i>	3.96	
		<i>For Elevated Installation >15' To 20', Add</i>	7.91	
		<i>For Elevated Installation >20' To 25', Add</i>	9.89	
		<i>For Elevated Installation >25' To 30', Add</i>	13.85	
		<i>For Elevated Installation >30' To 35', Add</i>	15.83	
		<i>For Elevated Installation >35' To 40', Add</i>	19.79	
		<i>For Elevated Installation >40', Add</i>	21.76	
23 31 13 16-0014		Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbows (23 31 13 16-0001)		
		Note: Up to 90 degree.		
23 31 13 16-0015	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	46.68	20.31
		<i>For Seal Class B, Add</i>	6.09	
		<i>For Seal Class A, Add</i>	16.25	
		<i>For 28 Gauge, Deduct</i>	-0.84	
		<i>For 24 Gauge, Add</i>	0.83	
		<i>For 18 Gauge, Add</i>	3.33	
		<i>For 20 Gauge, Add</i>	2.50	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.48	
		<i>For 16 Gauge, Add</i>	4.08	
		<i>For 22 Gauge, Add</i>	1.67	
		<i>For Work In Restricted Working Space, Add</i>	12.19	
		<i>For Elevated Installation >10' To 15', Add</i>	4.06	
		<i>For Elevated Installation >15' To 20', Add</i>	8.13	
		<i>For Elevated Installation >20' To 25', Add</i>	10.16	
		<i>For Elevated Installation >25' To 30', Add</i>	14.22	
		<i>For Elevated Installation >30' To 35', Add</i>	16.25	
		<i>For Elevated Installation >35' To 40', Add</i>	20.32	
		<i>For Elevated Installation >40', Add</i>	22.35	
23 31 13 16-0016	EA	5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	53.46	23.44
		<i>For Seal Class B, Add</i>	7.03	
		<i>For Seal Class A, Add</i>	18.75	
		<i>For 28 Gauge, Deduct</i>	-0.91	
		<i>For 24 Gauge, Add</i>	0.91	
		<i>For 18 Gauge, Add</i>	3.62	
		<i>For 20 Gauge, Add</i>	2.73	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.88	
		<i>For 16 Gauge, Add</i>	4.45	
		<i>For 22 Gauge, Add</i>	1.82	
		<i>For Work In Restricted Working Space, Add</i>	14.06	
		<i>For Elevated Installation >10' To 15', Add</i>	4.69	
		<i>For Elevated Installation >15' To 20', Add</i>	9.37	
		<i>For Elevated Installation >20' To 25', Add</i>	11.72	
		<i>For Elevated Installation >25' To 30', Add</i>	16.40	
		<i>For Elevated Installation >30' To 35', Add</i>	18.75	
		<i>For Elevated Installation >35' To 40', Add</i>	23.44	
		<i>For Elevated Installation >40', Add</i>	25.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0017 EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	62.80	27.69
For Seal Class B, Add	8.31	
For Seal Class A, Add	22.16	
For 28 Gauge, Deduct	-1.03	
For 24 Gauge, Add	1.02	
For 18 Gauge, Add	4.08	
For 20 Gauge, Add	3.07	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.48	
For 16 Gauge, Add	5.00	
For 22 Gauge, Add	2.04	
For Work In Restricted Working Space, Add	16.62	
For Elevated Installation >10' To 15', Add	5.54	
For Elevated Installation >15' To 20', Add	11.08	
For Elevated Installation >20' To 25', Add	13.85	
For Elevated Installation >25' To 30', Add	19.39	
For Elevated Installation >30' To 35', Add	22.16	
For Elevated Installation >35' To 40', Add	27.70	
For Elevated Installation >40', Add	30.46	
23 31 13 16-0018 EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	80.33	35.60
For Seal Class B, Add	10.68	
For Seal Class A, Add	28.49	
For 28 Gauge, Deduct	-1.26	
For 24 Gauge, Add	1.26	
For 18 Gauge, Add	5.01	
For 20 Gauge, Add	3.77	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.74	
For 16 Gauge, Add	6.15	
For 22 Gauge, Add	2.51	
For Work In Restricted Working Space, Add	21.37	
For Elevated Installation >10' To 15', Add	7.12	
For Elevated Installation >15' To 20', Add	14.24	
For Elevated Installation >20' To 25', Add	17.81	
For Elevated Installation >25' To 30', Add	24.93	
For Elevated Installation >30' To 35', Add	28.49	
For Elevated Installation >35' To 40', Add	35.61	
For Elevated Installation >40', Add	39.17	
23 31 13 16-0019 EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	96.57	43.37
For Seal Class B, Add	13.01	
For Seal Class A, Add	34.69	
For 28 Gauge, Deduct	-1.36	
For 24 Gauge, Add	1.36	
For 18 Gauge, Add	5.41	
For 20 Gauge, Add	4.07	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.28	
For 16 Gauge, Add	6.64	
For 22 Gauge, Add	2.71	
For Work In Restricted Working Space, Add	26.02	
For Elevated Installation >10' To 15', Add	8.67	
For Elevated Installation >15' To 20', Add	17.35	
For Elevated Installation >20' To 25', Add	21.68	
For Elevated Installation >25' To 30', Add	30.36	
For Elevated Installation >30' To 35', Add	34.69	
For Elevated Installation >35' To 40', Add	43.37	
For Elevated Installation >40', Add	47.70	
23 31 13 16-0020 EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow.....	148.41	67.72
For Seal Class B, Add	20.31	
For Seal Class A, Add	54.17	
For 28 Gauge, Deduct	-1.80	
For 24 Gauge, Add	1.79	
For 18 Gauge, Add	7.14	
For 20 Gauge, Add	5.37	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.61	
For 16 Gauge, Add	8.76	
For 22 Gauge, Add	3.58	
For Work In Restricted Working Space, Add	40.63	
For Elevated Installation >10' To 15', Add	13.54	
For Elevated Installation >15' To 20', Add	27.09	
For Elevated Installation >20' To 25', Add	33.86	
For Elevated Installation >25' To 30', Add	47.40	
For Elevated Installation >30' To 35', Add	54.17	
For Elevated Installation >35' To 40', Add	67.72	
For Elevated Installation >40', Add	74.49	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0021	EA		12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	204.76	93.58
			<i>For Seal Class B, Add</i>	28.08	
			<i>For Seal Class A, Add</i>	74.87	
			<i>For 28 Gauge, Deduct</i>	-2.44	
			<i>For 24 Gauge, Add</i>	2.43	
			<i>For 18 Gauge, Add</i>	9.67	
			<i>For 20 Gauge, Add</i>	7.28	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	13.02	
			<i>For 16 Gauge, Add</i>	11.87	
			<i>For 22 Gauge, Add</i>	4.85	
			<i>For Work In Restricted Working Space, Add</i>	56.15	
			<i>For Elevated Installation >10' To 15', Add</i>	18.72	
			<i>For Elevated Installation >15' To 20', Add</i>	37.43	
			<i>For Elevated Installation >20' To 25', Add</i>	46.79	
			<i>For Elevated Installation >25' To 30', Add</i>	65.51	
			<i>For Elevated Installation >30' To 35', Add</i>	74.87	
			<i>For Elevated Installation >35' To 40', Add</i>	93.59	
			<i>For Elevated Installation >40', Add</i>	102.94	
23 31 13 16-0022	EA		14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	248.37	110.70
			<i>For Seal Class B, Add</i>	33.21	
			<i>For Seal Class A, Add</i>	88.56	
			<i>For 28 Gauge, Deduct</i>	-3.73	
			<i>For 24 Gauge, Add</i>	3.72	
			<i>For 18 Gauge, Add</i>	14.83	
			<i>For 20 Gauge, Add</i>	11.16	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.95	
			<i>For 16 Gauge, Add</i>	18.20	
			<i>For 22 Gauge, Add</i>	7.43	
			<i>For Work In Restricted Working Space, Add</i>	66.42	
			<i>For Elevated Installation >10' To 15', Add</i>	22.14	
			<i>For Elevated Installation >15' To 20', Add</i>	44.28	
			<i>For Elevated Installation >20' To 25', Add</i>	55.35	
			<i>For Elevated Installation >25' To 30', Add</i>	77.49	
			<i>For Elevated Installation >30' To 35', Add</i>	88.56	
			<i>For Elevated Installation >35' To 40', Add</i>	110.71	
			<i>For Elevated Installation >40', Add</i>	121.78	
23 31 13 16-0023	EA		16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	282.11	121.73
			<i>For Seal Class B, Add</i>	36.52	
			<i>For Seal Class A, Add</i>	97.39	
			<i>For 28 Gauge, Deduct</i>	-5.35	
			<i>For 24 Gauge, Add</i>	5.33	
			<i>For 18 Gauge, Add</i>	21.25	
			<i>For 20 Gauge, Add</i>	16.00	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	28.59	
			<i>For 16 Gauge, Add</i>	26.08	
			<i>For 22 Gauge, Add</i>	10.65	
			<i>For Work In Restricted Working Space, Add</i>	73.04	
			<i>For Elevated Installation >10' To 15', Add</i>	24.35	
			<i>For Elevated Installation >15' To 20', Add</i>	48.69	
			<i>For Elevated Installation >20' To 25', Add</i>	60.87	
			<i>For Elevated Installation >25' To 30', Add</i>	85.21	
			<i>For Elevated Installation >30' To 35', Add</i>	97.39	
			<i>For Elevated Installation >35' To 40', Add</i>	121.74	
			<i>For Elevated Installation >40', Add</i>	133.91	
23 31 13 16-0024	EA		18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	311.21	126.68
			<i>For Seal Class B, Add</i>	38.00	
			<i>For Seal Class A, Add</i>	101.34	
			<i>For 28 Gauge, Deduct</i>	-8.01	
			<i>For 24 Gauge, Add</i>	7.98	
			<i>For 18 Gauge, Add</i>	31.82	
			<i>For 20 Gauge, Add</i>	23.95	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	42.81	
			<i>For 16 Gauge, Add</i>	39.05	
			<i>For 22 Gauge, Add</i>	15.94	
			<i>For Work In Restricted Working Space, Add</i>	76.01	
			<i>For Elevated Installation >10' To 15', Add</i>	25.34	
			<i>For Elevated Installation >15' To 20', Add</i>	50.67	
			<i>For Elevated Installation >20' To 25', Add</i>	63.34	
			<i>For Elevated Installation >25' To 30', Add</i>	88.68	
			<i>For Elevated Installation >30' To 35', Add</i>	101.34	
			<i>For Elevated Installation >35' To 40', Add</i>	126.68	
			<i>For Elevated Installation >40', Add</i>	139.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0025 EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Adjustable Elbow	338.85	130.86
For Seal Class B, Add	39.26	
For Seal Class A, Add	104.69	
For 28 Gauge, Deduct	-10.68	
For 24 Gauge, Add	10.64	
For 18 Gauge, Add	42.42	
For 20 Gauge, Add	31.93	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	57.08	
For 16 Gauge, Add	52.06	
For 22 Gauge, Add	21.25	
For Work In Restricted Working Space, Add	78.52	
For Elevated Installation >10' To 15', Add	26.17	
For Elevated Installation >15' To 20', Add	52.34	
For Elevated Installation >20' To 25', Add	65.43	
For Elevated Installation >25' To 30', Add	91.60	
For Elevated Installation >30' To 35', Add	104.69	
For Elevated Installation >35' To 40', Add	130.86	
For Elevated Installation >40', Add	143.95	
23 31 13 16-0026 Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbows (23 31 13 16-0001)		
23 31 13 16-0027 EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	39.33	13.69
For Seal Class B, Add	5.14	
For Seal Class A, Add	13.70	
For 28 Gauge, Deduct	-0.70	
For 24 Gauge, Add	0.70	
For 18 Gauge, Add	2.80	
For 20 Gauge, Add	2.11	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.77	
For 16 Gauge, Add	3.44	
For 22 Gauge, Add	1.40	
For Work In Restricted Working Space, Add	10.27	
For Elevated Installation >10' To 15', Add	3.42	
For Elevated Installation >15' To 20', Add	6.85	
For Elevated Installation >20' To 25', Add	8.56	
For Elevated Installation >25' To 30', Add	11.98	
For Elevated Installation >30' To 35', Add	13.70	
For Elevated Installation >35' To 40', Add	17.12	
For Elevated Installation >40', Add	18.83	
23 31 13 16-0028 EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	44.93	15.68
For Seal Class B, Add	5.87	
For Seal Class A, Add	15.65	
For 28 Gauge, Deduct	-0.80	
For 24 Gauge, Add	0.80	
For 18 Gauge, Add	3.19	
For 20 Gauge, Add	2.40	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.29	
For 16 Gauge, Add	3.92	
For 22 Gauge, Add	1.60	
For Work In Restricted Working Space, Add	11.74	
For Elevated Installation >10' To 15', Add	3.91	
For Elevated Installation >15' To 20', Add	7.83	
For Elevated Installation >20' To 25', Add	9.78	
For Elevated Installation >25' To 30', Add	13.70	
For Elevated Installation >30' To 35', Add	15.65	
For Elevated Installation >35' To 40', Add	19.57	
For Elevated Installation >40', Add	21.52	
23 31 13 16-0029 EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	52.26	18.26
For Seal Class B, Add	6.85	
For Seal Class A, Add	18.26	
For 28 Gauge, Deduct	-0.92	
For 24 Gauge, Add	0.91	
For 18 Gauge, Add	3.64	
For 20 Gauge, Add	2.74	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.89	
For 16 Gauge, Add	4.46	
For 22 Gauge, Add	1.82	
For Work In Restricted Working Space, Add	13.70	
For Elevated Installation >10' To 15', Add	4.57	
For Elevated Installation >15' To 20', Add	9.13	
For Elevated Installation >20' To 25', Add	11.41	
For Elevated Installation >25' To 30', Add	15.98	
For Elevated Installation >30' To 35', Add	18.26	
For Elevated Installation >35' To 40', Add	22.83	
For Elevated Installation >40', Add	25.11	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0030	EA		7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	61.78	21.91
			<i>For Seal Class B, Add</i>	8.22	
			<i>For Seal Class A, Add</i>	21.91	
			<i>For 28 Gauge, Deduct</i>	-0.97	
			<i>For 24 Gauge, Add</i>	0.97	
			<i>For 18 Gauge, Add</i>	3.85	
			<i>For 20 Gauge, Add</i>	2.90	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.18	
			<i>For 16 Gauge, Add</i>	4.73	
			<i>For 22 Gauge, Add</i>	1.93	
			<i>For Work In Restricted Working Space, Add</i>	16.43	
			<i>For Elevated Installation >10' To 15', Add</i>	5.48	
			<i>For Elevated Installation >15' To 20', Add</i>	10.96	
			<i>For Elevated Installation >20' To 25', Add</i>	13.70	
			<i>For Elevated Installation >25' To 30', Add</i>	19.17	
			<i>For Elevated Installation >30' To 35', Add</i>	21.91	
			<i>For Elevated Installation >35' To 40', Add</i>	27.39	
			<i>For Elevated Installation >40', Add</i>	30.13	
23 31 13 16-0031	EA		8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	76.59	27.39
			<i>For Seal Class B, Add</i>	10.27	
			<i>For Seal Class A, Add</i>	27.39	
			<i>For 28 Gauge, Deduct</i>	-1.12	
			<i>For 24 Gauge, Add</i>	1.12	
			<i>For 18 Gauge, Add</i>	4.47	
			<i>For 20 Gauge, Add</i>	3.36	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.01	
			<i>For 16 Gauge, Add</i>	5.48	
			<i>For 22 Gauge, Add</i>	2.24	
			<i>For Work In Restricted Working Space, Add</i>	20.54	
			<i>For Elevated Installation >10' To 15', Add</i>	6.85	
			<i>For Elevated Installation >15' To 20', Add</i>	13.69	
			<i>For Elevated Installation >20' To 25', Add</i>	17.12	
			<i>For Elevated Installation >25' To 30', Add</i>	23.96	
			<i>For Elevated Installation >30' To 35', Add</i>	27.39	
			<i>For Elevated Installation >35' To 40', Add</i>	34.24	
			<i>For Elevated Installation >40', Add</i>	37.66	
23 31 13 16-0032	EA		10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	102.91	36.52
			<i>For Seal Class B, Add</i>	13.70	
			<i>For Seal Class A, Add</i>	36.52	
			<i>For 28 Gauge, Deduct</i>	-1.61	
			<i>For 24 Gauge, Add</i>	1.60	
			<i>For 18 Gauge, Add</i>	6.39	
			<i>For 20 Gauge, Add</i>	4.81	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.59	
			<i>For 16 Gauge, Add</i>	7.84	
			<i>For 22 Gauge, Add</i>	3.20	
			<i>For Work In Restricted Working Space, Add</i>	27.39	
			<i>For Elevated Installation >10' To 15', Add</i>	9.13	
			<i>For Elevated Installation >15' To 20', Add</i>	18.26	
			<i>For Elevated Installation >20' To 25', Add</i>	22.83	
			<i>For Elevated Installation >25' To 30', Add</i>	31.96	
			<i>For Elevated Installation >30' To 35', Add</i>	36.52	
			<i>For Elevated Installation >35' To 40', Add</i>	45.65	
			<i>For Elevated Installation >40', Add</i>	50.22	
23 31 13 16-0033	EA		12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	152.31	54.78
			<i>For Seal Class B, Add</i>	20.54	
			<i>For Seal Class A, Add</i>	54.78	
			<i>For 28 Gauge, Deduct</i>	-2.13	
			<i>For 24 Gauge, Add</i>	2.12	
			<i>For 18 Gauge, Add</i>	8.45	
			<i>For 20 Gauge, Add</i>	6.36	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	11.37	
			<i>For 16 Gauge, Add</i>	10.37	
			<i>For 22 Gauge, Add</i>	4.23	
			<i>For Work In Restricted Working Space, Add</i>	41.09	
			<i>For Elevated Installation >10' To 15', Add</i>	13.70	
			<i>For Elevated Installation >15' To 20', Add</i>	27.39	
			<i>For Elevated Installation >20' To 25', Add</i>	34.24	
			<i>For Elevated Installation >25' To 30', Add</i>	47.93	
			<i>For Elevated Installation >30' To 35', Add</i>	54.78	
			<i>For Elevated Installation >35' To 40', Add</i>	68.48	
			<i>For Elevated Installation >40', Add</i>	75.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0034 EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	203.74	70.00
For Seal Class B, Add	26.25	
For Seal Class A, Add	70.00	
For 28 Gauge, Deduct	-3.98	
For 24 Gauge, Add	3.97	
For 18 Gauge, Add	15.81	
For 20 Gauge, Add	11.90	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.28	
For 16 Gauge, Add	19.41	
For 22 Gauge, Add	7.92	
For Work In Restricted Working Space, Add	52.50	
For Elevated Installation >10' To 15', Add	17.50	
For Elevated Installation >15' To 20', Add	35.00	
For Elevated Installation >20' To 25', Add	43.75	
For Elevated Installation >25' To 30', Add	61.25	
For Elevated Installation >30' To 35', Add	70.00	
For Elevated Installation >35' To 40', Add	87.50	
For Elevated Installation >40', Add	96.24	
23 31 13 16-0035 EA 16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	255.81	88.26
For Seal Class B, Add	33.10	
For Seal Class A, Add	88.26	
For 28 Gauge, Deduct	-4.87	
For 24 Gauge, Add	4.85	
For 18 Gauge, Add	19.34	
For 20 Gauge, Add	14.56	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.03	
For 16 Gauge, Add	23.74	
For 22 Gauge, Add	9.69	
For Work In Restricted Working Space, Add	66.19	
For Elevated Installation >10' To 15', Add	22.06	
For Elevated Installation >15' To 20', Add	44.13	
For Elevated Installation >20' To 25', Add	55.16	
For Elevated Installation >25' To 30', Add	77.22	
For Elevated Installation >30' To 35', Add	88.26	
For Elevated Installation >35' To 40', Add	110.32	
For Elevated Installation >40', Add	121.35	
23 31 13 16-0036 EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	284.41	92.06
For Seal Class B, Add	34.47	
For Seal Class A, Add	91.91	
For 28 Gauge, Deduct	-7.57	
For 24 Gauge, Add	7.54	
For 18 Gauge, Add	30.05	
For 20 Gauge, Add	22.62	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.43	
For 16 Gauge, Add	36.88	
For 22 Gauge, Add	15.05	
For Work In Restricted Working Space, Add	68.93	
For Elevated Installation >10' To 15', Add	22.98	
For Elevated Installation >15' To 20', Add	45.95	
For Elevated Installation >20' To 25', Add	57.44	
For Elevated Installation >25' To 30', Add	80.42	
For Elevated Installation >30' To 35', Add	91.91	
For Elevated Installation >35' To 40', Add	114.89	
For Elevated Installation >40', Add	126.37	
23 31 13 16-0037 EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 90 Degree Elbow	308.70	94.34
For Seal Class B, Add	35.38	
For Seal Class A, Add	94.34	
For 28 Gauge, Deduct	-10.09	
For 24 Gauge, Add	10.05	
For 18 Gauge, Add	40.07	
For 20 Gauge, Add	30.16	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	53.91	
For 16 Gauge, Add	49.17	
For 22 Gauge, Add	20.07	
For Work In Restricted Working Space, Add	70.76	
For Elevated Installation >10' To 15', Add	23.59	
For Elevated Installation >15' To 20', Add	47.17	
For Elevated Installation >20' To 25', Add	58.96	
For Elevated Installation >25' To 30', Add	82.55	
For Elevated Installation >30' To 35', Add	94.34	
For Elevated Installation >35' To 40', Add	117.93	
For Elevated Installation >40', Add	129.72	

23 31 13 16-0038 Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbows (23 31 13 16-0001)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0039	EA		4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	37.44	13.69
			<i>For Seal Class B, Add</i>	5.14	
			<i>For Seal Class A, Add</i>	13.70	
			<i>For 28 Gauge, Deduct</i>	-0.44	
			<i>For 24 Gauge, Add</i>	0.44	
			<i>For 18 Gauge, Add</i>	1.76	
			<i>For 20 Gauge, Add</i>	1.32	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.37	
			<i>For 16 Gauge, Add</i>	2.16	
			<i>For 22 Gauge, Add</i>	0.88	
			<i>For Work In Restricted Working Space, Add</i>	10.27	
			<i>For Elevated Installation >10' To 15', Add</i>	3.42	
			<i>For Elevated Installation >15' To 20', Add</i>	6.85	
			<i>For Elevated Installation >20' To 25', Add</i>	8.56	
			<i>For Elevated Installation >25' To 30', Add</i>	11.98	
			<i>For Elevated Installation >30' To 35', Add</i>	13.70	
			<i>For Elevated Installation >35' To 40', Add</i>	17.12	
			<i>For Elevated Installation >40', Add</i>	18.83	
23 31 13 16-0040	EA		5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	43.24	15.68
			<i>For Seal Class B, Add</i>	5.87	
			<i>For Seal Class A, Add</i>	15.65	
			<i>For 28 Gauge, Deduct</i>	-0.57	
			<i>For 24 Gauge, Add</i>	0.57	
			<i>For 18 Gauge, Add</i>	2.26	
			<i>For 20 Gauge, Add</i>	1.70	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.04	
			<i>For 16 Gauge, Add</i>	2.77	
			<i>For 22 Gauge, Add</i>	1.13	
			<i>For Work In Restricted Working Space, Add</i>	11.74	
			<i>For Elevated Installation >10' To 15', Add</i>	3.91	
			<i>For Elevated Installation >15' To 20', Add</i>	7.83	
			<i>For Elevated Installation >20' To 25', Add</i>	9.78	
			<i>For Elevated Installation >25' To 30', Add</i>	13.70	
			<i>For Elevated Installation >30' To 35', Add</i>	15.65	
			<i>For Elevated Installation >35' To 40', Add</i>	19.57	
			<i>For Elevated Installation >40', Add</i>	21.52	
23 31 13 16-0041	EA		6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	50.13	18.26
			<i>For Seal Class B, Add</i>	6.85	
			<i>For Seal Class A, Add</i>	18.26	
			<i>For 28 Gauge, Deduct</i>	-0.62	
			<i>For 24 Gauge, Add</i>	0.62	
			<i>For 18 Gauge, Add</i>	2.46	
			<i>For 20 Gauge, Add</i>	1.85	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.32	
			<i>For 16 Gauge, Add</i>	3.02	
			<i>For 22 Gauge, Add</i>	1.23	
			<i>For Work In Restricted Working Space, Add</i>	13.70	
			<i>For Elevated Installation >10' To 15', Add</i>	4.57	
			<i>For Elevated Installation >15' To 20', Add</i>	9.13	
			<i>For Elevated Installation >20' To 25', Add</i>	11.41	
			<i>For Elevated Installation >25' To 30', Add</i>	15.98	
			<i>For Elevated Installation >30' To 35', Add</i>	18.26	
			<i>For Elevated Installation >35' To 40', Add</i>	22.83	
			<i>For Elevated Installation >40', Add</i>	25.11	
23 31 13 16-0042	EA		7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow	59.98	21.91
			<i>For Seal Class B, Add</i>	8.22	
			<i>For Seal Class A, Add</i>	21.91	
			<i>For 28 Gauge, Deduct</i>	-0.72	
			<i>For 24 Gauge, Add</i>	0.72	
			<i>For 18 Gauge, Add</i>	2.86	
			<i>For 20 Gauge, Add</i>	2.15	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.85	
			<i>For 16 Gauge, Add</i>	3.51	
			<i>For 22 Gauge, Add</i>	1.43	
			<i>For Work In Restricted Working Space, Add</i>	16.43	
			<i>For Elevated Installation >10' To 15', Add</i>	5.48	
			<i>For Elevated Installation >15' To 20', Add</i>	10.96	
			<i>For Elevated Installation >20' To 25', Add</i>	13.70	
			<i>For Elevated Installation >25' To 30', Add</i>	19.17	
			<i>For Elevated Installation >30' To 35', Add</i>	21.91	
			<i>For Elevated Installation >35' To 40', Add</i>	27.39	
			<i>For Elevated Installation >40', Add</i>	30.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0043 EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	74.38	27.39
For Seal Class B, Add	10.27	
For Seal Class A, Add	27.39	
For 28 Gauge, Deduct	-0.82	
For 24 Gauge, Add	0.82	
For 18 Gauge, Add	3.25	
For 20 Gauge, Add	2.45	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.37	
For 16 Gauge, Add	3.99	
For 22 Gauge, Add	1.63	
For Work In Restricted Working Space, Add	20.54	
For Elevated Installation >10' To 15', Add	6.85	
For Elevated Installation >15' To 20', Add	13.69	
For Elevated Installation >20' To 25', Add	17.12	
For Elevated Installation >25' To 30', Add	23.96	
For Elevated Installation >30' To 35', Add	27.39	
For Elevated Installation >35' To 40', Add	34.24	
For Elevated Installation >40', Add	37.66	
23 31 13 16-0044 EA 10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	100.32	36.52
For Seal Class B, Add	13.70	
For Seal Class A, Add	36.52	
For 28 Gauge, Deduct	-1.25	
For 24 Gauge, Add	1.24	
For 18 Gauge, Add	4.96	
For 20 Gauge, Add	3.73	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.67	
For 16 Gauge, Add	6.09	
For 22 Gauge, Add	2.49	
For Work In Restricted Working Space, Add	27.39	
For Elevated Installation >10' To 15', Add	9.13	
For Elevated Installation >15' To 20', Add	18.26	
For Elevated Installation >20' To 25', Add	22.83	
For Elevated Installation >25' To 30', Add	31.96	
For Elevated Installation >30' To 35', Add	36.52	
For Elevated Installation >35' To 40', Add	45.65	
For Elevated Installation >40', Add	50.22	
23 31 13 16-0045 EA 12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	148.56	54.78
For Seal Class B, Add	20.54	
For Seal Class A, Add	54.78	
For 28 Gauge, Deduct	-1.61	
For 24 Gauge, Add	1.60	
For 18 Gauge, Add	6.39	
For 20 Gauge, Add	4.81	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.59	
For 16 Gauge, Add	7.84	
For 22 Gauge, Add	3.20	
For Work In Restricted Working Space, Add	41.09	
For Elevated Installation >10' To 15', Add	13.70	
For Elevated Installation >15' To 20', Add	27.39	
For Elevated Installation >20' To 25', Add	34.24	
For Elevated Installation >25' To 30', Add	47.93	
For Elevated Installation >30' To 35', Add	54.78	
For Elevated Installation >35' To 40', Add	68.48	
For Elevated Installation >40', Add	75.32	
23 31 13 16-0046 EA 14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	195.08	70.00
For Seal Class B, Add	26.25	
For Seal Class A, Add	70.00	
For 28 Gauge, Deduct	-2.78	
For 24 Gauge, Add	2.77	
For 18 Gauge, Add	11.05	
For 20 Gauge, Add	8.32	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.87	
For 16 Gauge, Add	13.56	
For 22 Gauge, Add	5.53	
For Work In Restricted Working Space, Add	52.50	
For Elevated Installation >10' To 15', Add	17.50	
For Elevated Installation >15' To 20', Add	35.00	
For Elevated Installation >20' To 25', Add	43.75	
For Elevated Installation >25' To 30', Add	61.25	
For Elevated Installation >30' To 35', Add	70.00	
For Elevated Installation >35' To 40', Add	87.50	
For Elevated Installation >40', Add	96.24	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 31 13 16-0047	EA	16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	253.58	88.26
		<i>For Seal Class B, Add</i>	33.10	
		<i>For Seal Class A, Add</i>	88.26	
		<i>For 28 Gauge, Deduct</i>	-4.56	
		<i>For 24 Gauge, Add</i>	4.55	
		<i>For 18 Gauge, Add</i>	18.12	
		<i>For 20 Gauge, Add</i>	13.64	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.38	
		<i>For 16 Gauge, Add</i>	22.23	
		<i>For 22 Gauge, Add</i>	9.07	
		<i>For Work In Restricted Working Space, Add</i>	66.19	
		<i>For Elevated Installation >10' To 15', Add</i>	22.06	
		<i>For Elevated Installation >15' To 20', Add</i>	44.13	
		<i>For Elevated Installation >20' To 25', Add</i>	55.16	
		<i>For Elevated Installation >25' To 30', Add</i>	77.22	
		<i>For Elevated Installation >30' To 35', Add</i>	88.26	
		<i>For Elevated Installation >35' To 40', Add</i>	110.32	
		<i>For Elevated Installation >40', Add</i>	121.35	
23 31 13 16-0048	EA	18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	269.59	92.06
		<i>For Seal Class B, Add</i>	34.47	
		<i>For Seal Class A, Add</i>	91.91	
		<i>For 28 Gauge, Deduct</i>	-5.52	
		<i>For 24 Gauge, Add</i>	5.50	
		<i>For 18 Gauge, Add</i>	21.90	
		<i>For 20 Gauge, Add</i>	16.49	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	29.47	
		<i>For 16 Gauge, Add</i>	26.88	
		<i>For 22 Gauge, Add</i>	10.97	
		<i>For Work In Restricted Working Space, Add</i>	68.93	
		<i>For Elevated Installation >10' To 15', Add</i>	22.98	
		<i>For Elevated Installation >15' To 20', Add</i>	45.95	
		<i>For Elevated Installation >20' To 25', Add</i>	57.44	
		<i>For Elevated Installation >25' To 30', Add</i>	80.42	
		<i>For Elevated Installation >30' To 35', Add</i>	91.91	
		<i>For Elevated Installation >35' To 40', Add</i>	114.89	
		<i>For Elevated Installation >40', Add</i>	126.37	
23 31 13 16-0049	EA	20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval 45 Degree Elbow.....	286.86	94.34
		<i>For Seal Class B, Add</i>	35.38	
		<i>For Seal Class A, Add</i>	94.34	
		<i>For 28 Gauge, Deduct</i>	-7.06	
		<i>For 24 Gauge, Add</i>	7.04	
		<i>For 18 Gauge, Add</i>	28.06	
		<i>For 20 Gauge, Add</i>	21.12	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	37.75	
		<i>For 16 Gauge, Add</i>	34.43	
		<i>For 22 Gauge, Add</i>	14.05	
		<i>For Work In Restricted Working Space, Add</i>	70.76	
		<i>For Elevated Installation >10' To 15', Add</i>	23.59	
		<i>For Elevated Installation >15' To 20', Add</i>	47.17	
		<i>For Elevated Installation >20' To 25', Add</i>	58.96	
		<i>For Elevated Installation >25' To 30', Add</i>	82.55	
		<i>For Elevated Installation >30' To 35', Add</i>	94.34	
		<i>For Elevated Installation >35' To 40', Add</i>	117.93	
		<i>For Elevated Installation >40', Add</i>	129.72	
23 31 13 16-0050		Galvanized Sheet Metal Round And Flat-Oval Tees <small>(23 31 13 16-0001)</small>		
23 31 13 16-0051	EA	4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee.....	58.47	20.54
		<i>For Seal Class B, Add</i>	7.70	
		<i>For Seal Class A, Add</i>	20.54	
		<i>For 28 Gauge, Deduct</i>	-0.99	
		<i>For 24 Gauge, Add</i>	0.98	
		<i>For 18 Gauge, Add</i>	3.92	
		<i>For 20 Gauge, Add</i>	2.95	
		<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.27	
		<i>For 16 Gauge, Add</i>	4.81	
		<i>For 22 Gauge, Add</i>	1.96	
		<i>For Work In Restricted Working Space, Add</i>	15.41	
		<i>For Elevated Installation >10' To 15', Add</i>	5.14	
		<i>For Elevated Installation >15' To 20', Add</i>	10.27	
		<i>For Elevated Installation >20' To 25', Add</i>	12.84	
		<i>For Elevated Installation >25' To 30', Add</i>	17.97	
		<i>For Elevated Installation >30' To 35', Add</i>	20.54	
		<i>For Elevated Installation >35' To 40', Add</i>	25.68	
		<i>For Elevated Installation >40', Add</i>	28.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0052 EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	68.16	23.44
For Seal Class B, Add	8.81	
For Seal Class A, Add	23.48	
For 28 Gauge, Deduct	-1.31	
For 24 Gauge, Add	1.31	
For 18 Gauge, Add	5.20	
For 20 Gauge, Add	3.92	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.00	
For 16 Gauge, Add	6.39	
For 22 Gauge, Add	2.61	
For Work In Restricted Working Space, Add	17.61	
For Elevated Installation >10' To 15', Add	5.87	
For Elevated Installation >15' To 20', Add	11.74	
For Elevated Installation >20' To 25', Add	14.68	
For Elevated Installation >25' To 30', Add	20.55	
For Elevated Installation >30' To 35', Add	23.48	
For Elevated Installation >35' To 40', Add	29.35	
For Elevated Installation >40', Add	32.29	
23 31 13 16-0053 EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	78.74	27.39
For Seal Class B, Add	10.27	
For Seal Class A, Add	27.39	
For 28 Gauge, Deduct	-1.42	
For 24 Gauge, Add	1.42	
For 18 Gauge, Add	5.65	
For 20 Gauge, Add	4.25	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.60	
For 16 Gauge, Add	6.93	
For 22 Gauge, Add	2.83	
For Work In Restricted Working Space, Add	20.54	
For Elevated Installation >10' To 15', Add	6.85	
For Elevated Installation >15' To 20', Add	13.69	
For Elevated Installation >20' To 25', Add	17.12	
For Elevated Installation >25' To 30', Add	23.96	
For Elevated Installation >30' To 35', Add	27.39	
For Elevated Installation >35' To 40', Add	34.24	
For Elevated Installation >40', Add	37.66	
23 31 13 16-0054 EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	93.99	32.87
For Seal Class B, Add	12.33	
For Seal Class A, Add	32.87	
For 28 Gauge, Deduct	-1.64	
For 24 Gauge, Add	1.63	
For 18 Gauge, Add	6.50	
For 20 Gauge, Add	4.89	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.75	
For 16 Gauge, Add	7.98	
For 22 Gauge, Add	3.26	
For Work In Restricted Working Space, Add	24.65	
For Elevated Installation >10' To 15', Add	8.22	
For Elevated Installation >15' To 20', Add	16.43	
For Elevated Installation >20' To 25', Add	20.54	
For Elevated Installation >25' To 30', Add	28.76	
For Elevated Installation >30' To 35', Add	32.87	
For Elevated Installation >35' To 40', Add	41.09	
For Elevated Installation >40', Add	45.19	
23 31 13 16-0055 EA 8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	121.82	41.08
For Seal Class B, Add	15.41	
For Seal Class A, Add	41.09	
For 28 Gauge, Deduct	-2.65	
For 24 Gauge, Add	2.64	
For 18 Gauge, Add	10.51	
For 20 Gauge, Add	7.91	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	14.13	
For 16 Gauge, Add	12.89	
For 22 Gauge, Add	5.26	
For Work In Restricted Working Space, Add	30.82	
For Elevated Installation >10' To 15', Add	10.27	
For Elevated Installation >15' To 20', Add	20.54	
For Elevated Installation >20' To 25', Add	25.68	
For Elevated Installation >25' To 30', Add	35.95	
For Elevated Installation >30' To 35', Add	41.09	
For Elevated Installation >35' To 40', Add	51.36	
For Elevated Installation >40', Add	56.50	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0056	EA		10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	161.32	54.78
			<i>For Seal Class B, Add</i>	20.54	
			<i>For Seal Class A, Add</i>	54.78	
			<i>For 28 Gauge, Deduct</i>	-3.38	
			<i>For 24 Gauge, Add</i>	3.36	
			<i>For 18 Gauge, Add</i>	13.40	
			<i>For 20 Gauge, Add</i>	10.09	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	18.03	
			<i>For 16 Gauge, Add</i>	16.45	
			<i>For 22 Gauge, Add</i>	6.71	
			<i>For Work In Restricted Working Space, Add</i>	41.09	
			<i>For Elevated Installation >10' To 15', Add</i>	13.70	
			<i>For Elevated Installation >15' To 20', Add</i>	27.39	
			<i>For Elevated Installation >20' To 25', Add</i>	34.24	
			<i>For Elevated Installation >25' To 30', Add</i>	47.93	
			<i>For Elevated Installation >30' To 35', Add</i>	54.78	
			<i>For Elevated Installation >35' To 40', Add</i>	68.48	
			<i>For Elevated Installation >40', Add</i>	75.32	
23 31 13 16-0057	EA		12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	229.76	82.17
			<i>For Seal Class B, Add</i>	30.81	
			<i>For Seal Class A, Add</i>	82.16	
			<i>For 28 Gauge, Deduct</i>	-3.38	
			<i>For 24 Gauge, Add</i>	3.36	
			<i>For 18 Gauge, Add</i>	13.40	
			<i>For 20 Gauge, Add</i>	10.09	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	18.03	
			<i>For 16 Gauge, Add</i>	16.45	
			<i>For 22 Gauge, Add</i>	6.71	
			<i>For Work In Restricted Working Space, Add</i>	61.62	
			<i>For Elevated Installation >10' To 15', Add</i>	20.54	
			<i>For Elevated Installation >15' To 20', Add</i>	41.08	
			<i>For Elevated Installation >20' To 25', Add</i>	51.35	
			<i>For Elevated Installation >25' To 30', Add</i>	71.89	
			<i>For Elevated Installation >30' To 35', Add</i>	82.16	
			<i>For Elevated Installation >35' To 40', Add</i>	102.70	
			<i>For Elevated Installation >40', Add</i>	112.96	
23 31 13 16-0058	EA		14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	308.78	104.69
			<i>For Seal Class B, Add</i>	39.35	
			<i>For Seal Class A, Add</i>	104.94	
			<i>For 28 Gauge, Deduct</i>	-6.43	
			<i>For 24 Gauge, Add</i>	6.41	
			<i>For 18 Gauge, Add</i>	25.53	
			<i>For 20 Gauge, Add</i>	19.22	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	34.35	
			<i>For 16 Gauge, Add</i>	31.33	
			<i>For 22 Gauge, Add</i>	12.79	
			<i>For Work In Restricted Working Space, Add</i>	78.71	
			<i>For Elevated Installation >10' To 15', Add</i>	26.24	
			<i>For Elevated Installation >15' To 20', Add</i>	52.47	
			<i>For Elevated Installation >20' To 25', Add</i>	65.59	
			<i>For Elevated Installation >25' To 30', Add</i>	91.83	
			<i>For Elevated Installation >30' To 35', Add</i>	104.94	
			<i>For Elevated Installation >35' To 40', Add</i>	131.18	
			<i>For Elevated Installation >40', Add</i>	144.30	
23 31 13 16-0059	EA		16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	395.97	132.69
			<i>For Seal Class B, Add</i>	49.62	
			<i>For Seal Class A, Add</i>	132.32	
			<i>For 28 Gauge, Deduct</i>	-9.03	
			<i>For 24 Gauge, Add</i>	8.99	
			<i>For 18 Gauge, Add</i>	35.84	
			<i>For 20 Gauge, Add</i>	26.98	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	48.23	
			<i>For 16 Gauge, Add</i>	43.99	
			<i>For 22 Gauge, Add</i>	17.95	
			<i>For Work In Restricted Working Space, Add</i>	99.24	
			<i>For Elevated Installation >10' To 15', Add</i>	33.08	
			<i>For Elevated Installation >15' To 20', Add</i>	66.16	
			<i>For Elevated Installation >20' To 25', Add</i>	82.70	
			<i>For Elevated Installation >25' To 30', Add</i>	115.78	
			<i>For Elevated Installation >30' To 35', Add</i>	132.32	
			<i>For Elevated Installation >35' To 40', Add</i>	165.40	
			<i>For Elevated Installation >40', Add</i>	181.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0060 EA 18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	452.79	147.60
For Seal Class B, Add	55.46	
For Seal Class A, Add	147.90	
For 28 Gauge, Deduct	-11.50	
For 24 Gauge, Add	11.46	
For 18 Gauge, Add	45.67	
For 20 Gauge, Add	34.37	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	61.44	
For 16 Gauge, Add	56.05	
For 22 Gauge, Add	22.87	
For Work In Restricted Working Space, Add	110.93	
For Elevated Installation >10' To 15', Add	36.98	
For Elevated Installation >15' To 20', Add	73.95	
For Elevated Installation >20' To 25', Add	92.44	
For Elevated Installation >25' To 30', Add	129.42	
For Elevated Installation >30' To 35', Add	147.90	
For Elevated Installation >35' To 40', Add	184.88	
For Elevated Installation >40', Add	203.37	
23 31 13 16-0061 EA 20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Tee	474.07	152.92
For Seal Class B, Add	57.29	
For Seal Class A, Add	152.78	
For 28 Gauge, Deduct	-12.76	
For 24 Gauge, Add	12.71	
For 18 Gauge, Add	50.67	
For 20 Gauge, Add	38.14	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	68.18	
For 16 Gauge, Add	62.19	
For 22 Gauge, Add	25.38	
For Work In Restricted Working Space, Add	114.58	
For Elevated Installation >10' To 15', Add	38.19	
For Elevated Installation >15' To 20', Add	76.39	
For Elevated Installation >20' To 25', Add	95.49	
For Elevated Installation >25' To 30', Add	133.68	
For Elevated Installation >30' To 35', Add	152.78	
For Elevated Installation >35' To 40', Add	190.97	
For Elevated Installation >40', Add	210.07	
23 31 13 16-0062 Galvanized Sheet Metal Round And Flat-Oval Connectors <small>(23 31 13 16-0001)</small>		
23 31 13 16-0063 EA 4" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	26.73	
For Seal Class B, Add	3.65	
For Seal Class A, Add	9.74	
For Work In Restricted Working Space, Add	7.30	
For Elevated Installation >10' To 15', Add	2.43	
For Elevated Installation >15' To 20', Add	4.87	
For Elevated Installation >20' To 25', Add	6.09	
For Elevated Installation >25' To 30', Add	8.52	
For Elevated Installation >30' To 35', Add	9.74	
For Elevated Installation >35' To 40', Add	12.17	
For Elevated Installation >40', Add	13.39	
23 31 13 16-0064 EA 5" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	28.16	
For Seal Class B, Add	3.84	
For Seal Class A, Add	10.24	
For Work In Restricted Working Space, Add	7.68	
For Elevated Installation >10' To 15', Add	2.56	
For Elevated Installation >15' To 20', Add	5.12	
For Elevated Installation >20' To 25', Add	6.40	
For Elevated Installation >25' To 30', Add	8.96	
For Elevated Installation >30' To 35', Add	10.24	
For Elevated Installation >35' To 40', Add	12.80	
For Elevated Installation >40', Add	14.07	
23 31 13 16-0065 EA 6" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	30.16	
For Seal Class B, Add	4.11	
For Seal Class A, Add	10.96	
For Work In Restricted Working Space, Add	8.22	
For Elevated Installation >10' To 15', Add	2.74	
For Elevated Installation >15' To 20', Add	5.48	
For Elevated Installation >20' To 25', Add	6.85	
For Elevated Installation >25' To 30', Add	9.59	
For Elevated Installation >30' To 35', Add	10.96	
For Elevated Installation >35' To 40', Add	13.70	
For Elevated Installation >40', Add	15.06	
23 31 13 16-0066 EA 7" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector	32.07	
For Seal Class B, Add	4.34	
For Seal Class A, Add	11.56	
For Work In Restricted Working Space, Add	8.67	
For Elevated Installation >10' To 15', Add	2.89	
For Elevated Installation >15' To 20', Add	5.78	
For Elevated Installation >20' To 25', Add	7.23	
For Elevated Installation >25' To 30', Add	10.12	
For Elevated Installation >30' To 35', Add	11.56	
For Elevated Installation >35' To 40', Add	14.46	
For Elevated Installation >40', Add	15.90	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0067	EA		8" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	34.76	
			<i>For Seal Class B, Add</i>	4.68	
			<i>For Seal Class A, Add</i>	12.48	
			<i>For Work In Restricted Working Space, Add</i>	9.36	
			<i>For Elevated Installation >10' To 15', Add</i>	3.12	
			<i>For Elevated Installation >15' To 20', Add</i>	6.24	
			<i>For Elevated Installation >20' To 25', Add</i>	7.80	
			<i>For Elevated Installation >25' To 30', Add</i>	10.92	
			<i>For Elevated Installation >30' To 35', Add</i>	12.48	
			<i>For Elevated Installation >35' To 40', Add</i>	15.60	
			<i>For Elevated Installation >40', Add</i>	17.15	
23 31 13 16-0068	EA		10" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	40.47	
			<i>For Seal Class B, Add</i>	5.23	
			<i>For Seal Class A, Add</i>	13.94	
			<i>For Work In Restricted Working Space, Add</i>	10.46	
			<i>For Elevated Installation >10' To 15', Add</i>	3.49	
			<i>For Elevated Installation >15' To 20', Add</i>	6.97	
			<i>For Elevated Installation >20' To 25', Add</i>	8.71	
			<i>For Elevated Installation >25' To 30', Add</i>	12.20	
			<i>For Elevated Installation >30' To 35', Add</i>	13.94	
			<i>For Elevated Installation >35' To 40', Add</i>	17.43	
			<i>For Elevated Installation >40', Add</i>	19.17	
23 31 13 16-0069	EA		12" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	55.48	
			<i>For Seal Class B, Add</i>	7.31	
			<i>For Seal Class A, Add</i>	19.48	
			<i>For Work In Restricted Working Space, Add</i>	14.61	
			<i>For Elevated Installation >10' To 15', Add</i>	4.87	
			<i>For Elevated Installation >15' To 20', Add</i>	9.74	
			<i>For Elevated Installation >20' To 25', Add</i>	12.18	
			<i>For Elevated Installation >25' To 30', Add</i>	17.05	
			<i>For Elevated Installation >30' To 35', Add</i>	19.48	
			<i>For Elevated Installation >35' To 40', Add</i>	24.35	
			<i>For Elevated Installation >40', Add</i>	26.79	
23 31 13 16-0070	EA		14" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	63.30	
			<i>For Seal Class B, Add</i>	8.31	
			<i>For Seal Class A, Add</i>	22.16	
			<i>For Work In Restricted Working Space, Add</i>	16.62	
			<i>For Elevated Installation >10' To 15', Add</i>	5.54	
			<i>For Elevated Installation >15' To 20', Add</i>	11.08	
			<i>For Elevated Installation >20' To 25', Add</i>	13.85	
			<i>For Elevated Installation >25' To 30', Add</i>	19.39	
			<i>For Elevated Installation >30' To 35', Add</i>	22.16	
			<i>For Elevated Installation >35' To 40', Add</i>	27.71	
			<i>For Elevated Installation >40', Add</i>	30.48	
23 31 13 16-0071	EA		16" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	69.57	
			<i>For Seal Class B, Add</i>	9.11	
			<i>For Seal Class A, Add</i>	24.29	
			<i>For Work In Restricted Working Space, Add</i>	18.22	
			<i>For Elevated Installation >10' To 15', Add</i>	6.07	
			<i>For Elevated Installation >15' To 20', Add</i>	12.15	
			<i>For Elevated Installation >20' To 25', Add</i>	15.18	
			<i>For Elevated Installation >25' To 30', Add</i>	21.26	
			<i>For Elevated Installation >30' To 35', Add</i>	24.29	
			<i>For Elevated Installation >35' To 40', Add</i>	30.37	
			<i>For Elevated Installation >40', Add</i>	33.40	
23 31 13 16-0072	EA		18" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	75.61	
			<i>For Seal Class B, Add</i>	9.86	
			<i>For Seal Class A, Add</i>	26.30	
			<i>For Work In Restricted Working Space, Add</i>	19.72	
			<i>For Elevated Installation >10' To 15', Add</i>	6.57	
			<i>For Elevated Installation >15' To 20', Add</i>	13.15	
			<i>For Elevated Installation >20' To 25', Add</i>	16.44	
			<i>For Elevated Installation >25' To 30', Add</i>	23.01	
			<i>For Elevated Installation >30' To 35', Add</i>	26.30	
			<i>For Elevated Installation >35' To 40', Add</i>	32.87	
			<i>For Elevated Installation >40', Add</i>	36.16	
23 31 13 16-0073	EA		20" Diameter, 26 Gauge, Seal Class C, Galvanized Sheet Metal Round And Flat-Oval Connector.....	82.38	
			<i>For Seal Class B, Add</i>	10.75	
			<i>For Seal Class A, Add</i>	28.67	
			<i>For Work In Restricted Working Space, Add</i>	21.50	
			<i>For Elevated Installation >10' To 15', Add</i>	7.17	
			<i>For Elevated Installation >15' To 20', Add</i>	14.33	
			<i>For Elevated Installation >20' To 25', Add</i>	17.92	
			<i>For Elevated Installation >25' To 30', Add</i>	25.08	
			<i>For Elevated Installation >30' To 35', Add</i>	28.67	
			<i>For Elevated Installation >35' To 40', Add</i>	35.84	
			<i>For Elevated Installation >40', Add</i>	39.42	

23 31 13 16-0074 Slip Joint, Galvanized, Spiral Duct And Fittings (23 31 13 16)

23 31 13 16-0075 Slip Joint, Galvanized, Spiral Duct (23 31 13 16-0074)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0076 LF 4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	12.40	1.41
For Seal Class B, Add	1.13	
For Seal Class A, Add	3.01	
For Up To 20', Add	1.46	
For >20' To 50', Add	0.59	
For >200' To 500', Deduct	-0.37	
For >500', Deduct	-0.61	
For 22 Gauge, Add	2.24	
For 18 Gauge, Add	5.61	
For 16 Gauge, Add	6.83	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	3.61	
For 20 Gauge, Add	3.66	
For Work In Restricted Working Space, Add	2.26	
For 24 Gauge, Add	0.98	
23 31 13 16-0077 LF 6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	16.08	2.81
For Seal Class B, Add	1.35	
For Seal Class A, Add	3.61	
For Up To 20', Add	2.12	
For >20' To 50', Add	0.85	
For >200' To 500', Deduct	-0.53	
For >500', Deduct	-0.88	
For 22 Gauge, Add	3.25	
For 18 Gauge, Add	8.12	
For 16 Gauge, Add	9.88	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.22	
For 20 Gauge, Add	5.30	
For Work In Restricted Working Space, Add	2.71	
For 24 Gauge, Add	1.41	
23 31 13 16-0078 LF 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	20.48	2.81
For Seal Class B, Add	1.68	
For Seal Class A, Add	4.48	
For Up To 20', Add	2.79	
For >20' To 50', Add	1.11	
For >200' To 500', Deduct	-0.70	
For >500', Deduct	-1.16	
For 22 Gauge, Add	4.27	
For 18 Gauge, Add	10.68	
For 16 Gauge, Add	13.01	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.87	
For 20 Gauge, Add	6.97	
For Work In Restricted Working Space, Add	3.36	
For 24 Gauge, Add	1.86	
23 31 13 16-0079 LF 10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	24.92	2.81
For Seal Class B, Add	2.02	
For Seal Class A, Add	5.38	
For Up To 20', Add	3.44	
For >20' To 50', Add	1.38	
For >200' To 500', Deduct	-0.86	
For >500', Deduct	-1.43	
For 22 Gauge, Add	5.28	
For 18 Gauge, Add	13.19	
For 16 Gauge, Add	16.06	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.49	
For 20 Gauge, Add	8.60	
For Work In Restricted Working Space, Add	4.04	
For 24 Gauge, Add	2.29	
23 31 13 16-0080 LF 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	30.95	4.21
For Seal Class B, Add	2.53	
For Seal Class A, Add	6.74	
For Up To 20', Add	4.23	
For >20' To 50', Add	1.69	
For >200' To 500', Deduct	-1.06	
For >500', Deduct	-1.76	
For 22 Gauge, Add	6.49	
For 18 Gauge, Add	16.23	
For 16 Gauge, Add	19.75	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.44	
For 20 Gauge, Add	10.58	
For Work In Restricted Working Space, Add	5.05	
For 24 Gauge, Add	2.82	
23 31 13 16-0081 LF 14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	37.40	4.21
For Seal Class B, Add	3.16	
For Seal Class A, Add	8.42	
For Up To 20', Add	4.91	
For >20' To 50', Add	1.96	
For >200' To 500', Deduct	-1.23	
For >500', Deduct	-2.04	
For 22 Gauge, Add	7.52	
For 18 Gauge, Add	18.80	
For 16 Gauge, Add	22.89	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	12.10	
For 20 Gauge, Add	12.26	
For Work In Restricted Working Space, Add	6.32	
For 24 Gauge, Add	3.27	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 31 13 16-0082	LF		16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	51.78	4.21
			<i>For Seal Class B, Add</i>	4.20	
			<i>For Seal Class A, Add</i>	11.21	
			<i>For Up To 20', Add</i>	7.13	
			<i>For >20' To 50', Add</i>	2.85	
			<i>For >200' To 500', Deduct</i>	-1.78	
			<i>For >500', Deduct</i>	-2.97	
			<i>For 22 Gauge, Add</i>	10.93	
			<i>For 18 Gauge, Add</i>	27.31	
			<i>For 16 Gauge, Add</i>	33.25	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	17.58	
			<i>For 20 Gauge, Add</i>	17.81	
			<i>For Work In Restricted Working Space, Add</i>	8.41	
			<i>For 24 Gauge, Add</i>	4.75	
23 31 13 16-0083	LF		18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	59.00	5.61
			<i>For Seal Class B, Add</i>	4.90	
			<i>For Seal Class A, Add</i>	13.07	
			<i>For Up To 20', Add</i>	7.90	
			<i>For >20' To 50', Add</i>	3.16	
			<i>For >200' To 500', Deduct</i>	-1.97	
			<i>For >500', Deduct</i>	-3.29	
			<i>For 22 Gauge, Add</i>	12.11	
			<i>For 18 Gauge, Add</i>	30.28	
			<i>For 16 Gauge, Add</i>	36.86	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.48	
			<i>For 20 Gauge, Add</i>	19.75	
			<i>For Work In Restricted Working Space, Add</i>	9.80	
			<i>For 24 Gauge, Add</i>	5.27	
23 31 13 16-0084	LF		20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	66.47	5.61
			<i>For Seal Class B, Add</i>	5.57	
			<i>For Seal Class A, Add</i>	14.84	
			<i>For Up To 20', Add</i>	8.81	
			<i>For >20' To 50', Add</i>	3.52	
			<i>For >200' To 500', Deduct</i>	-2.20	
			<i>For >500', Deduct</i>	-3.67	
			<i>For 22 Gauge, Add</i>	13.51	
			<i>For 18 Gauge, Add</i>	33.78	
			<i>For 16 Gauge, Add</i>	41.12	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	21.73	
			<i>For 20 Gauge, Add</i>	22.03	
			<i>For Work In Restricted Working Space, Add</i>	11.13	
			<i>For 24 Gauge, Add</i>	5.87	
23 31 13 16-0085	LF		22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	74.26	7.02
			<i>For Seal Class B, Add</i>	6.27	
			<i>For Seal Class A, Add</i>	16.72	
			<i>For Up To 20', Add</i>	9.74	
			<i>For >20' To 50', Add</i>	3.90	
			<i>For >200' To 500', Deduct</i>	-2.44	
			<i>For >500', Deduct</i>	-4.06	
			<i>For 22 Gauge, Add</i>	14.94	
			<i>For 18 Gauge, Add</i>	37.34	
			<i>For 16 Gauge, Add</i>	45.46	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.03	
			<i>For 20 Gauge, Add</i>	24.35	
			<i>For Work In Restricted Working Space, Add</i>	12.54	
			<i>For 24 Gauge, Add</i>	6.49	
23 31 13 16-0086	LF		24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct.....	82.05	8.42
			<i>For Seal Class B, Add</i>	7.02	
			<i>For Seal Class A, Add</i>	18.71	
			<i>For Up To 20', Add</i>	10.58	
			<i>For >20' To 50', Add</i>	4.23	
			<i>For >200' To 500', Deduct</i>	-2.65	
			<i>For >500', Deduct</i>	-4.41	
			<i>For 22 Gauge, Add</i>	16.23	
			<i>For 18 Gauge, Add</i>	40.57	
			<i>For 16 Gauge, Add</i>	49.39	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	26.11	
			<i>For 20 Gauge, Add</i>	26.46	
			<i>For Work In Restricted Working Space, Add</i>	14.03	
			<i>For 24 Gauge, Add</i>	7.06	

23 31 13 16-0087 Slip Joint, Galvanized, Spiral 90 Degree Elbows (23 31 13 16-0074)

23 31 13 16-0088	EA		4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	88.87	19.64
			<i>For Seal Class B, Add</i>	11.38	
			<i>For Seal Class A, Add</i>	30.34	
			<i>For 22 Gauge, Add</i>	5.99	
			<i>For 18 Gauge, Add</i>	14.97	
			<i>For 16 Gauge, Add</i>	18.23	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	9.63	
			<i>For 20 Gauge, Add</i>	9.77	
			<i>For Work In Restricted Working Space, Add</i>	22.76	
			<i>For 24 Gauge, Add</i>	2.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0089 EA 6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	130.75	28.06
For Seal Class B, Add	16.84	
For Seal Class A, Add	44.90	
For 22 Gauge, Add	8.51	
For 18 Gauge, Add	21.26	
For 16 Gauge, Add	25.89	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	13.68	
For 20 Gauge, Add	13.87	
For Work In Restricted Working Space, Add	33.68	
For 24 Gauge, Add	3.70	
23 31 13 16-0090 EA 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	182.98	36.49
For Seal Class B, Add	22.16	
For Seal Class A, Add	59.09	
For 22 Gauge, Add	16.22	
For 18 Gauge, Add	40.55	
For 16 Gauge, Add	49.36	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	26.09	
For 20 Gauge, Add	26.45	
For Work In Restricted Working Space, Add	44.32	
For 24 Gauge, Add	7.05	
23 31 13 16-0091 EA 10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	228.61	46.31
For Seal Class B, Add	28.07	
For Seal Class A, Add	74.84	
For 22 Gauge, Add	19.09	
For 18 Gauge, Add	47.74	
For 16 Gauge, Add	58.11	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	30.72	
For 20 Gauge, Add	31.13	
For Work In Restricted Working Space, Add	56.13	
For 24 Gauge, Add	8.30	
23 31 13 16-0092 EA 12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	282.62	58.94
For Seal Class B, Add	35.08	
For Seal Class A, Add	93.55	
For 22 Gauge, Add	22.42	
For 18 Gauge, Add	56.05	
For 16 Gauge, Add	68.24	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	36.07	
For 20 Gauge, Add	36.56	
For Work In Restricted Working Space, Add	70.16	
For 24 Gauge, Add	9.75	
23 31 13 16-0093 EA 14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	309.40	64.55
For Seal Class B, Add	38.27	
For Seal Class A, Add	102.06	
For 22 Gauge, Add	24.96	
For 18 Gauge, Add	62.40	
For 16 Gauge, Add	75.96	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.15	
For 20 Gauge, Add	40.70	
For Work In Restricted Working Space, Add	76.54	
For 24 Gauge, Add	10.85	
23 31 13 16-0094 EA 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	365.28	75.77
For Seal Class B, Add	45.27	
For Seal Class A, Add	120.71	
For 22 Gauge, Add	29.21	
For 18 Gauge, Add	73.03	
For 16 Gauge, Add	88.90	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	46.99	
For 20 Gauge, Add	47.63	
For Work In Restricted Working Space, Add	90.53	
For 24 Gauge, Add	12.70	
23 31 13 16-0095 EA 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	447.28	94.02
For Seal Class B, Add	56.13	
For Seal Class A, Add	149.68	
For 22 Gauge, Add	33.61	
For 18 Gauge, Add	84.03	
For 16 Gauge, Add	102.30	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	54.07	
For 20 Gauge, Add	54.80	
For Work In Restricted Working Space, Add	112.26	
For 24 Gauge, Add	14.61	
23 31 13 16-0096 EA 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow	538.92	113.66
For Seal Class B, Add	67.90	
For Seal Class A, Add	181.07	
For 22 Gauge, Add	39.68	
For 18 Gauge, Add	99.19	
For 16 Gauge, Add	120.75	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	63.83	
For 20 Gauge, Add	64.69	
For Work In Restricted Working Space, Add	135.80	
For 24 Gauge, Add	17.25	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 16-0097	EA	22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	627.43	131.91
			<i>For Seal Class B, Add</i>	79.43	
			<i>For Seal Class A, Add</i>	211.82	
			<i>For 22 Gauge, Add</i>	45.03	
			<i>For 18 Gauge, Add</i>	112.57	
			<i>For 16 Gauge, Add</i>	137.05	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	72.44	
			<i>For 20 Gauge, Add</i>	73.42	
			<i>For Work In Restricted Working Space, Add</i>	158.86	
			<i>For 24 Gauge, Add</i>	19.58	
23 31	13 16-0098	EA	24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 90 Degree Elbow.....	717.95	150.15
			<i>For Seal Class B, Add</i>	89.57	
			<i>For Seal Class A, Add</i>	238.86	
			<i>For 22 Gauge, Add</i>	55.57	
			<i>For 18 Gauge, Add</i>	138.93	
			<i>For 16 Gauge, Add</i>	169.13	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	89.40	
			<i>For 20 Gauge, Add</i>	90.61	
			<i>For Work In Restricted Working Space, Add</i>	179.14	
			<i>For 24 Gauge, Add</i>	24.16	
23 31	13 16-0099		Slip Joint, Galvanized, Spiral Duct 45 Degree Elbows <small>(23 31 13 16-0074)</small>		
23 31	13 16-0100	EA	4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	89.48	19.64
			<i>For Seal Class B, Add</i>	11.38	
			<i>For Seal Class A, Add</i>	30.34	
			<i>For 22 Gauge, Add</i>	6.27	
			<i>For 18 Gauge, Add</i>	15.67	
			<i>For 16 Gauge, Add</i>	19.08	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	10.09	
			<i>For 20 Gauge, Add</i>	10.22	
			<i>For Work In Restricted Working Space, Add</i>	22.76	
			<i>For 24 Gauge, Add</i>	2.73	
23 31	13 16-0101	EA	6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	127.58	28.06
			<i>For Seal Class B, Add</i>	16.84	
			<i>For Seal Class A, Add</i>	44.90	
			<i>For 22 Gauge, Add</i>	7.05	
			<i>For 18 Gauge, Add</i>	17.62	
			<i>For 16 Gauge, Add</i>	21.45	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	11.34	
			<i>For 20 Gauge, Add</i>	11.49	
			<i>For Work In Restricted Working Space, Add</i>	33.68	
			<i>For 24 Gauge, Add</i>	3.06	
23 31	13 16-0102	EA	8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	168.26	36.49
			<i>For Seal Class B, Add</i>	22.16	
			<i>For Seal Class A, Add</i>	59.09	
			<i>For 22 Gauge, Add</i>	9.45	
			<i>For 18 Gauge, Add</i>	23.62	
			<i>For 16 Gauge, Add</i>	28.76	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	15.20	
			<i>For 20 Gauge, Add</i>	15.41	
			<i>For Work In Restricted Working Space, Add</i>	44.32	
			<i>For 24 Gauge, Add</i>	4.11	
23 31	13 16-0103	EA	10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	212.77	46.31
			<i>For Seal Class B, Add</i>	28.07	
			<i>For Seal Class A, Add</i>	74.84	
			<i>For 22 Gauge, Add</i>	11.81	
			<i>For 18 Gauge, Add</i>	29.52	
			<i>For 16 Gauge, Add</i>	35.94	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.00	
			<i>For 20 Gauge, Add</i>	19.25	
			<i>For Work In Restricted Working Space, Add</i>	56.13	
			<i>For 24 Gauge, Add</i>	5.13	
23 31	13 16-0104	EA	12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	263.71	58.94
			<i>For Seal Class B, Add</i>	35.08	
			<i>For Seal Class A, Add</i>	93.55	
			<i>For 22 Gauge, Add</i>	13.72	
			<i>For 18 Gauge, Add</i>	34.30	
			<i>For 16 Gauge, Add</i>	41.76	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	22.07	
			<i>For 20 Gauge, Add</i>	22.37	
			<i>For Work In Restricted Working Space, Add</i>	70.16	
			<i>For 24 Gauge, Add</i>	5.97	
23 31	13 16-0105	EA	14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow.....	288.30	64.55
			<i>For Seal Class B, Add</i>	38.27	
			<i>For Seal Class A, Add</i>	102.06	
			<i>For 22 Gauge, Add</i>	15.25	
			<i>For 18 Gauge, Add</i>	38.13	
			<i>For 16 Gauge, Add</i>	46.42	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.54	
			<i>For 20 Gauge, Add</i>	24.87	
			<i>For Work In Restricted Working Space, Add</i>	76.54	
			<i>For 24 Gauge, Add</i>	6.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0106 EA 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	356.15	75.77
For Seal Class B, Add	45.27	
For Seal Class A, Add	120.71	
For 22 Gauge, Add	25.01	
For 18 Gauge, Add	62.53	
For 16 Gauge, Add	76.12	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.23	
For 20 Gauge, Add	40.78	
For Work In Restricted Working Space, Add	90.53	
For 24 Gauge, Add	10.87	
23 31 13 16-0107 EA 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	440.81	94.02
For Seal Class B, Add	56.13	
For Seal Class A, Add	149.68	
For 22 Gauge, Add	30.64	
For 18 Gauge, Add	76.59	
For 16 Gauge, Add	93.24	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	49.28	
For 20 Gauge, Add	49.95	
For Work In Restricted Working Space, Add	112.26	
For 24 Gauge, Add	13.32	
23 31 13 16-0108 EA 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	536.94	113.66
For Seal Class B, Add	67.90	
For Seal Class A, Add	181.07	
For 22 Gauge, Add	38.76	
For 18 Gauge, Add	96.91	
For 16 Gauge, Add	117.98	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	62.36	
For 20 Gauge, Add	63.20	
For Work In Restricted Working Space, Add	135.80	
For 24 Gauge, Add	16.85	
23 31 13 16-0109 EA 22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	604.98	131.91
For Seal Class B, Add	79.43	
For Seal Class A, Add	211.82	
For 22 Gauge, Add	34.70	
For 18 Gauge, Add	86.76	
For 16 Gauge, Add	105.62	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	55.83	
For 20 Gauge, Add	56.58	
For Work In Restricted Working Space, Add	158.86	
For 24 Gauge, Add	15.09	
23 31 13 16-0110 EA 24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Elbow	709.95	150.15
For Seal Class B, Add	89.57	
For Seal Class A, Add	238.86	
For 22 Gauge, Add	51.89	
For 18 Gauge, Add	129.73	
For 16 Gauge, Add	157.93	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	83.48	
For 20 Gauge, Add	84.61	
For Work In Restricted Working Space, Add	179.14	
For 24 Gauge, Add	22.56	
23 31 13 16-0111 Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Laterals <small>(23 31 13 16-0074)</small>		
23 31 13 16-0112 EA 6" x 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	177.02	36.49
For Seal Class B, Add	22.16	
For Seal Class A, Add	59.09	
For 22 Gauge, Add	13.48	
For 18 Gauge, Add	33.70	
For 16 Gauge, Add	41.02	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.68	
For 20 Gauge, Add	21.98	
For Work In Restricted Working Space, Add	44.32	
For 24 Gauge, Add	5.86	
23 31 13 16-0113 EA 8" x 8" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	264.60	58.94
For Seal Class B, Add	35.08	
For Seal Class A, Add	93.55	
For 22 Gauge, Add	14.13	
For 18 Gauge, Add	35.33	
For 16 Gauge, Add	43.01	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	22.73	
For 20 Gauge, Add	23.04	
For Work In Restricted Working Space, Add	70.16	
For 24 Gauge, Add	6.14	
23 31 13 16-0114 EA 10" x 10" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	335.51	75.77
For Seal Class B, Add	45.27	
For Seal Class A, Add	120.71	
For 22 Gauge, Add	15.52	
For 18 Gauge, Add	38.79	
For 16 Gauge, Add	47.22	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	24.96	
For 20 Gauge, Add	25.30	
For Work In Restricted Working Space, Add	90.53	
For 24 Gauge, Add	6.75	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 16-0115	EA	12" x 12" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	409.44	94.02
			<i>For Seal Class B, Add</i>	56.13	
			<i>For Seal Class A, Add</i>	149.68	
			<i>For 22 Gauge, Add</i>	16.21	
			<i>For 18 Gauge, Add</i>	40.51	
			<i>For 16 Gauge, Add</i>	49.32	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	26.07	
			<i>For 20 Gauge, Add</i>	26.42	
			<i>For Work In Restricted Working Space, Add</i>	112.26	
			<i>For 24 Gauge, Add</i>	7.05	
23 31	13 16-0116	EA	14" x 14" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	489.06	113.66
			<i>For Seal Class B, Add</i>	67.90	
			<i>For Seal Class A, Add</i>	181.07	
			<i>For 22 Gauge, Add</i>	16.74	
			<i>For 18 Gauge, Add</i>	41.85	
			<i>For 16 Gauge, Add</i>	50.95	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	26.93	
			<i>For 20 Gauge, Add</i>	27.29	
			<i>For Work In Restricted Working Space, Add</i>	135.80	
			<i>For 24 Gauge, Add</i>	7.28	
23 31	13 16-0117	EA	16" x 16" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	569.11	131.91
			<i>For Seal Class B, Add</i>	79.43	
			<i>For Seal Class A, Add</i>	211.82	
			<i>For 22 Gauge, Add</i>	18.20	
			<i>For 18 Gauge, Add</i>	45.51	
			<i>For 16 Gauge, Add</i>	55.40	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	29.28	
			<i>For 20 Gauge, Add</i>	29.68	
			<i>For Work In Restricted Working Space, Add</i>	158.86	
			<i>For 24 Gauge, Add</i>	7.91	
23 31	13 16-0118	EA	18" x 18" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	638.31	150.15
			<i>For Seal Class B, Add</i>	89.57	
			<i>For Seal Class A, Add</i>	238.86	
			<i>For 22 Gauge, Add</i>	18.94	
			<i>For 18 Gauge, Add</i>	47.35	
			<i>For 16 Gauge, Add</i>	57.64	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	30.47	
			<i>For 20 Gauge, Add</i>	30.88	
			<i>For Work In Restricted Working Space, Add</i>	179.14	
			<i>For 24 Gauge, Add</i>	8.23	
23 31	13 16-0119	EA	20" x 20" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	727.20	171.20
			<i>For Seal Class B, Add</i>	102.68	
			<i>For Seal Class A, Add</i>	273.81	
			<i>For 22 Gauge, Add</i>	19.63	
			<i>For 18 Gauge, Add</i>	49.07	
			<i>For 16 Gauge, Add</i>	59.74	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	31.58	
			<i>For 20 Gauge, Add</i>	32.00	
			<i>For Work In Restricted Working Space, Add</i>	205.36	
			<i>For 24 Gauge, Add</i>	8.53	
23 31	13 16-0120	EA	22" x 22" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	809.88	189.45
			<i>For Seal Class B, Add</i>	113.78	
			<i>For Seal Class A, Add</i>	303.41	
			<i>For 22 Gauge, Add</i>	23.62	
			<i>For 18 Gauge, Add</i>	59.05	
			<i>For 16 Gauge, Add</i>	71.89	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	38.00	
			<i>For 20 Gauge, Add</i>	38.51	
			<i>For Work In Restricted Working Space, Add</i>	227.56	
			<i>For 24 Gauge, Add</i>	10.27	
23 31	13 16-0121	EA	24" x 24" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	878.49	206.28
			<i>For Seal Class B, Add</i>	123.82	
			<i>For Seal Class A, Add</i>	330.18	
			<i>For 22 Gauge, Add</i>	24.39	
			<i>For 18 Gauge, Add</i>	60.98	
			<i>For 16 Gauge, Add</i>	74.24	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	39.24	
			<i>For 20 Gauge, Add</i>	39.77	
			<i>For Work In Restricted Working Space, Add</i>	247.64	
			<i>For 24 Gauge, Add</i>	10.61	
23 31	13 16-0122	EA	8" x 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	280.22	63.56
			<i>For Seal Class B, Add</i>	38.16	
			<i>For Seal Class A, Add</i>	101.76	
			<i>For 22 Gauge, Add</i>	11.87	
			<i>For 18 Gauge, Add</i>	29.68	
			<i>For 16 Gauge, Add</i>	36.13	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	19.10	
			<i>For 20 Gauge, Add</i>	19.36	
			<i>For Work In Restricted Working Space, Add</i>	76.32	
			<i>For 24 Gauge, Add</i>	5.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0123 EA 10" x 10" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	338.45	76.48
For Seal Class B, Add	45.88	
For Seal Class A, Add	122.34	
For 22 Gauge, Add	14.99	
For 18 Gauge, Add	37.48	
For 16 Gauge, Add	45.63	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	24.12	
For 20 Gauge, Add	24.44	
For Work In Restricted Working Space, Add	91.76	
For 24 Gauge, Add	6.52	
23 31 13 16-0124 EA 12" x 12" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	411.19	92.90
For Seal Class B, Add	55.74	
For Seal Class A, Add	148.65	
For 22 Gauge, Add	18.20	
For 18 Gauge, Add	45.49	
For 16 Gauge, Add	55.38	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	29.27	
For 20 Gauge, Add	29.67	
For Work In Restricted Working Space, Add	111.49	
For 24 Gauge, Add	7.91	
23 31 13 16-0125 EA 14" x 14" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	489.49	110.44
For Seal Class B, Add	66.36	
For Seal Class A, Add	176.96	
For 22 Gauge, Add	21.67	
For 18 Gauge, Add	54.17	
For 16 Gauge, Add	65.94	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	34.85	
For 20 Gauge, Add	35.33	
For Work In Restricted Working Space, Add	132.72	
For 24 Gauge, Add	9.42	
23 31 13 16-0126 EA 16" x 16" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	622.27	142.01
For Seal Class B, Add	85.15	
For Seal Class A, Add	227.07	
For 22 Gauge, Add	25.12	
For 18 Gauge, Add	62.79	
For 16 Gauge, Add	76.44	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	40.40	
For 20 Gauge, Add	40.95	
For Work In Restricted Working Space, Add	170.30	
For 24 Gauge, Add	10.92	
23 31 13 16-0127 EA 18" x 18" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	691.02	157.59
For Seal Class B, Add	94.48	
For Seal Class A, Add	251.94	
For 22 Gauge, Add	28.14	
For 18 Gauge, Add	70.36	
For 16 Gauge, Add	85.65	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	45.27	
For 20 Gauge, Add	45.89	
For Work In Restricted Working Space, Add	188.95	
For 24 Gauge, Add	12.24	
23 31 13 16-0128 EA 20" x 20" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	785.60	179.34
For Seal Class B, Add	107.39	
For Seal Class A, Add	286.38	
For 22 Gauge, Add	32.03	
For 18 Gauge, Add	80.09	
For 16 Gauge, Add	97.50	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	51.53	
For 20 Gauge, Add	52.23	
For Work In Restricted Working Space, Add	214.79	
For 24 Gauge, Add	13.93	
23 31 13 16-0129 EA 22" x 22" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	841.94	191.27
For Seal Class B, Add	114.65	
For Seal Class A, Add	305.73	
For 22 Gauge, Add	35.71	
For 18 Gauge, Add	89.26	
For 16 Gauge, Add	108.67	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	57.44	
For 20 Gauge, Add	58.22	
For Work In Restricted Working Space, Add	229.30	
For 24 Gauge, Add	15.52	
23 31 13 16-0130 EA 24" x 24" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	913.47	207.41
For Seal Class B, Add	124.40	
For Seal Class A, Add	331.74	
For 22 Gauge, Add	38.69	
For 18 Gauge, Add	96.73	
For 16 Gauge, Add	117.75	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	62.24	
For 20 Gauge, Add	63.08	
For Work In Restricted Working Space, Add	248.81	
For 24 Gauge, Add	16.82	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0131	EA		10" x 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	370.68	84.19
			<i>For Seal Class B, Add</i>	50.45	
			<i>For Seal Class A, Add</i>	134.54	
			<i>For 22 Gauge, Add</i>	15.79	
			<i>For 18 Gauge, Add</i>	39.47	
			<i>For 16 Gauge, Add</i>	48.05	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.40	
			<i>For 20 Gauge, Add</i>	25.74	
			<i>For Work In Restricted Working Space, Add</i>	100.91	
			<i>For 24 Gauge, Add</i>	6.86	
23 31 13 16-0132	EA		12" x 12" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	450.50	102.44
			<i>For Seal Class B, Add</i>	61.33	
			<i>For Seal Class A, Add</i>	163.55	
			<i>For 22 Gauge, Add</i>	19.15	
			<i>For 18 Gauge, Add</i>	47.86	
			<i>For 16 Gauge, Add</i>	58.27	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	30.80	
			<i>For 20 Gauge, Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	122.66	
			<i>For 24 Gauge, Add</i>	8.32	
23 31 13 16-0133	EA		14" x 14" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	536.18	121.39
			<i>For Seal Class B, Add</i>	72.99	
			<i>For Seal Class A, Add</i>	194.63	
			<i>For 22 Gauge, Add</i>	22.82	
			<i>For 18 Gauge, Add</i>	57.04	
			<i>For 16 Gauge, Add</i>	69.44	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	36.70	
			<i>For 20 Gauge, Add</i>	37.20	
			<i>For Work In Restricted Working Space, Add</i>	145.97	
			<i>For 24 Gauge, Add</i>	9.92	
23 31 13 16-0134	EA		16" x 16" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	622.41	141.45
			<i>For Seal Class B, Add</i>	84.74	
			<i>For Seal Class A, Add</i>	225.97	
			<i>For 22 Gauge, Add</i>	26.44	
			<i>For 18 Gauge, Add</i>	66.10	
			<i>For 16 Gauge, Add</i>	80.47	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	42.54	
			<i>For 20 Gauge, Add</i>	43.11	
			<i>For Work In Restricted Working Space, Add</i>	169.48	
			<i>For 24 Gauge, Add</i>	11.50	
23 31 13 16-0135	EA		18" x 18" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	696.52	158.15
			<i>For Seal Class B, Add</i>	94.82	
			<i>For Seal Class A, Add</i>	252.84	
			<i>For 22 Gauge, Add</i>	29.63	
			<i>For 18 Gauge, Add</i>	74.07	
			<i>For 16 Gauge, Add</i>	90.17	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	47.66	
			<i>For 20 Gauge, Add</i>	48.31	
			<i>For Work In Restricted Working Space, Add</i>	189.63	
			<i>For 24 Gauge, Add</i>	12.88	
23 31 13 16-0136	EA		20" x 20" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	792.20	179.90
			<i>For Seal Class B, Add</i>	107.84	
			<i>For Seal Class A, Add</i>	287.56	
			<i>For 22 Gauge, Add</i>	33.72	
			<i>For 18 Gauge, Add</i>	84.30	
			<i>For 16 Gauge, Add</i>	102.62	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	54.24	
			<i>For 20 Gauge, Add</i>	54.98	
			<i>For Work In Restricted Working Space, Add</i>	215.67	
			<i>For 24 Gauge, Add</i>	14.66	
23 31 13 16-0137	EA		22" x 22" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	884.51	200.67
			<i>For Seal Class B, Add</i>	120.42	
			<i>For Seal Class A, Add</i>	321.12	
			<i>For 22 Gauge, Add</i>	37.59	
			<i>For 18 Gauge, Add</i>	93.97	
			<i>For 16 Gauge, Add</i>	114.39	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	60.47	
			<i>For 20 Gauge, Add</i>	61.28	
			<i>For Work In Restricted Working Space, Add</i>	240.84	
			<i>For 24 Gauge, Add</i>	16.34	
23 31 13 16-0138	EA		24" x 24" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct 45 Degree Reducing Lateral.....	959.06	217.79
			<i>For Seal Class B, Add</i>	130.58	
			<i>For Seal Class A, Add</i>	348.21	
			<i>For 22 Gauge, Add</i>	40.72	
			<i>For 18 Gauge, Add</i>	101.81	
			<i>For 16 Gauge, Add</i>	123.94	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	65.51	
			<i>For 20 Gauge, Add</i>	66.40	
			<i>For Work In Restricted Working Space, Add</i>	261.16	
			<i>For 24 Gauge, Add</i>	17.71	

23 31 13 16-0139 Slip Joint, Galvanized, Spiral Duct Reducers (23 31 13 16-0074)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0140 EA 6" x 4", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	122.79	28.06
For Seal Class B, Add	16.84	
For Seal Class A, Add	44.90	
For 22 Gauge, Add	4.84	
For 18 Gauge, Add	12.11	
For 16 Gauge, Add	14.74	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.79	
For 20 Gauge, Add	7.90	
For Work In Restricted Working Space, Add	33.68	
For 24 Gauge, Add	2.11	
23 31 13 16-0141 EA 8" x 6", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	159.32	36.49
For Seal Class B, Add	22.16	
For Seal Class A, Add	59.09	
For 22 Gauge, Add	5.34	
For 18 Gauge, Add	13.34	
For 16 Gauge, Add	16.24	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	8.58	
For 20 Gauge, Add	8.70	
For Work In Restricted Working Space, Add	44.32	
For 24 Gauge, Add	2.32	
23 31 13 16-0142 EA 10" x 8", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	199.94	46.31
For Seal Class B, Add	28.07	
For Seal Class A, Add	74.84	
For 22 Gauge, Add	5.91	
For 18 Gauge, Add	14.77	
For 16 Gauge, Add	17.98	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	9.50	
For 20 Gauge, Add	9.63	
For Work In Restricted Working Space, Add	56.13	
For 24 Gauge, Add	2.57	
23 31 13 16-0143 EA 12" x 10", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	247.96	58.94
For Seal Class B, Add	35.08	
For Seal Class A, Add	93.55	
For 22 Gauge, Add	6.48	
For 18 Gauge, Add	16.19	
For 16 Gauge, Add	19.71	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	10.42	
For 20 Gauge, Add	10.56	
For Work In Restricted Working Space, Add	70.16	
For 24 Gauge, Add	2.82	
23 31 13 16-0144 EA 14" x 12", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	270.81	64.55
For Seal Class B, Add	38.27	
For Seal Class A, Add	102.06	
For 22 Gauge, Add	7.21	
For 18 Gauge, Add	18.02	
For 16 Gauge, Add	21.94	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	11.60	
For 20 Gauge, Add	11.75	
For Work In Restricted Working Space, Add	76.54	
For 24 Gauge, Add	3.13	
23 31 13 16-0145 EA 16" x 14", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	328.87	75.77
For Seal Class B, Add	45.27	
For Seal Class A, Add	120.71	
For 22 Gauge, Add	12.46	
For 18 Gauge, Add	31.15	
For 16 Gauge, Add	37.93	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	20.05	
For 20 Gauge, Add	20.32	
For Work In Restricted Working Space, Add	90.53	
For 24 Gauge, Add	5.42	
23 31 13 16-0146 EA 18" x 16", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	403.16	94.02
For Seal Class B, Add	56.13	
For Seal Class A, Add	149.68	
For 22 Gauge, Add	13.32	
For 18 Gauge, Add	33.29	
For 16 Gauge, Add	40.53	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	21.42	
For 20 Gauge, Add	21.71	
For Work In Restricted Working Space, Add	112.26	
For 24 Gauge, Add	5.79	
23 31 13 16-0147 EA 20" x 18", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	483.57	113.66
For Seal Class B, Add	67.90	
For Seal Class A, Add	181.07	
For 22 Gauge, Add	14.21	
For 18 Gauge, Add	35.54	
For 16 Gauge, Add	43.26	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	22.87	
For 20 Gauge, Add	23.18	
For Work In Restricted Working Space, Add	135.80	
For 24 Gauge, Add	6.18	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0148	EA		22" x 20", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	562.38	131.91
			<i>For Seal Class B, Add</i>	79.43	
			<i>For Seal Class A, Add</i>	211.82	
			<i>For 22 Gauge, Add</i>	15.11	
			<i>For 18 Gauge, Add</i>	37.77	
			<i>For 16 Gauge, Add</i>	45.98	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	24.30	
			<i>For 20 Gauge, Add</i>	24.63	
			<i>For Work In Restricted Working Space, Add</i>	158.86	
			<i>For 24 Gauge, Add</i>	6.57	
23 31 13 16-0149	EA		24" x 22", 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Reducer.....	631.75	150.15
			<i>For Seal Class B, Add</i>	89.57	
			<i>For Seal Class A, Add</i>	238.86	
			<i>For 22 Gauge, Add</i>	15.92	
			<i>For 18 Gauge, Add</i>	39.80	
			<i>For 16 Gauge, Add</i>	48.45	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	25.61	
			<i>For 20 Gauge, Add</i>	25.96	
			<i>For Work In Restricted Working Space, Add</i>	179.14	
			<i>For 24 Gauge, Add</i>	6.92	
23 31 13 16-0150			Slip Joint, Galvanized, Spiral Duct Couplings <small>(23 31 13 16-0074)</small>		
23 31 13 16-0151	EA		4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	80.83	19.64
			<i>For Seal Class B, Add</i>	11.38	
			<i>For Seal Class A, Add</i>	30.34	
			<i>For 22 Gauge, Add</i>	2.29	
			<i>For 18 Gauge, Add</i>	5.73	
			<i>For 16 Gauge, Add</i>	6.97	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	3.69	
			<i>For 20 Gauge, Add</i>	3.74	
			<i>For Work In Restricted Working Space, Add</i>	22.76	
			<i>For 24 Gauge, Add</i>	1.00	
23 31 13 16-0152	EA		6 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	117.93	28.06
			<i>For Seal Class B, Add</i>	16.84	
			<i>For Seal Class A, Add</i>	44.90	
			<i>For 22 Gauge, Add</i>	2.61	
			<i>For 18 Gauge, Add</i>	6.52	
			<i>For 16 Gauge, Add</i>	7.94	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.20	
			<i>For 20 Gauge, Add</i>	4.25	
			<i>For Work In Restricted Working Space, Add</i>	33.68	
			<i>For 24 Gauge, Add</i>	1.13	
23 31 13 16-0153	EA		8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	153.83	36.49
			<i>For Seal Class B, Add</i>	22.16	
			<i>For Seal Class A, Add</i>	59.09	
			<i>For 22 Gauge, Add</i>	2.81	
			<i>For 18 Gauge, Add</i>	7.03	
			<i>For 16 Gauge, Add</i>	8.55	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.52	
			<i>For 20 Gauge, Add</i>	4.58	
			<i>For Work In Restricted Working Space, Add</i>	44.32	
			<i>For 24 Gauge, Add</i>	1.22	
23 31 13 16-0154	EA		10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	193.65	46.31
			<i>For Seal Class B, Add</i>	28.07	
			<i>For Seal Class A, Add</i>	74.84	
			<i>For 22 Gauge, Add</i>	3.01	
			<i>For 18 Gauge, Add</i>	7.53	
			<i>For 16 Gauge, Add</i>	9.17	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	4.85	
			<i>For 20 Gauge, Add</i>	4.91	
			<i>For Work In Restricted Working Space, Add</i>	56.13	
			<i>For 24 Gauge, Add</i>	1.31	
23 31 13 16-0155	EA		12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	240.87	58.94
			<i>For Seal Class B, Add</i>	35.08	
			<i>For Seal Class A, Add</i>	93.55	
			<i>For 22 Gauge, Add</i>	3.22	
			<i>For 18 Gauge, Add</i>	8.04	
			<i>For 16 Gauge, Add</i>	9.79	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.17	
			<i>For 20 Gauge, Add</i>	5.24	
			<i>For Work In Restricted Working Space, Add</i>	70.16	
			<i>For 24 Gauge, Add</i>	1.40	
23 31 13 16-0156	EA		14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	262.58	64.55
			<i>For Seal Class B, Add</i>	38.27	
			<i>For Seal Class A, Add</i>	102.06	
			<i>For 22 Gauge, Add</i>	3.42	
			<i>For 18 Gauge, Add</i>	8.56	
			<i>For 16 Gauge, Add</i>	10.42	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.51	
			<i>For 20 Gauge, Add</i>	5.58	
			<i>For Work In Restricted Working Space, Add</i>	76.54	
			<i>For 24 Gauge, Add</i>	1.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0157 EA 16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	310.01	75.77
For Seal Class B, Add	45.27	
For Seal Class A, Add	120.71	
For 22 Gauge, Add	3.79	
For 18 Gauge, Add	9.46	
For 16 Gauge, Add	11.52	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.09	
For 20 Gauge, Add	6.17	
For Work In Restricted Working Space, Add	90.53	
For 24 Gauge, Add	1.65	
23 31 13 16-0158 EA 18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	382.89	94.02
For Seal Class B, Add	56.13	
For Seal Class A, Add	149.68	
For 22 Gauge, Add	3.99	
For 18 Gauge, Add	9.98	
For 16 Gauge, Add	12.15	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.42	
For 20 Gauge, Add	6.51	
For Work In Restricted Working Space, Add	112.26	
For 24 Gauge, Add	1.74	
23 31 13 16-0159 EA 20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	461.88	113.66
For Seal Class B, Add	67.90	
For Seal Class A, Add	181.07	
For 22 Gauge, Add	4.24	
For 18 Gauge, Add	10.59	
For 16 Gauge, Add	12.89	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	6.82	
For 20 Gauge, Add	6.91	
For Work In Restricted Working Space, Add	135.80	
For 24 Gauge, Add	1.84	
23 31 13 16-0160 EA 22 Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	539.10	265.22
For Seal Class B, Add	79.43	
For Seal Class A, Add	211.82	
For 22 Gauge, Add	4.40	
For 18 Gauge, Add	10.99	
For 16 Gauge, Add	13.38	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.07	
For 20 Gauge, Add	7.17	
For Work In Restricted Working Space, Add	158.86	
For 24 Gauge, Add	1.91	
23 31 13 16-0161 EA 24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Coupling.....	607.23	298.90
For Seal Class B, Add	89.57	
For Seal Class A, Add	238.86	
For 22 Gauge, Add	4.64	
For 18 Gauge, Add	11.60	
For 16 Gauge, Add	14.13	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	7.47	
For 20 Gauge, Add	7.57	
For Work In Restricted Working Space, Add	179.14	
For 24 Gauge, Add	2.02	
23 31 13 16-0162 Slip Joint, Galvanized, Spiral Duct Caps <small>(23 31 13 16-0074)</small>		
23 31 13 16-0163 EA 4" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap.....	43.77	19.64
For Seal Class B, Add	5.69	
For Seal Class A, Add	15.17	
For 22 Gauge, Add	2.69	
For 18 Gauge, Add	6.72	
For 16 Gauge, Add	8.18	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.32	
For 20 Gauge, Add	4.38	
For Work In Restricted Working Space, Add	11.38	
For 24 Gauge, Add	1.17	
23 31 13 16-0164 EA 6" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap.....	62.68	28.06
For Seal Class B, Add	8.42	
For Seal Class A, Add	22.45	
For 22 Gauge, Add	3.01	
For 18 Gauge, Add	7.53	
For 16 Gauge, Add	9.17	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	4.85	
For 20 Gauge, Add	4.91	
For Work In Restricted Working Space, Add	16.84	
For 24 Gauge, Add	1.31	
23 31 13 16-0165 EA 8" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap.....	81.02	37.89
For Seal Class B, Add	11.08	
For Seal Class A, Add	29.54	
For 22 Gauge, Add	3.30	
For 18 Gauge, Add	8.25	
For 16 Gauge, Add	10.04	
For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add	5.31	
For 20 Gauge, Add	5.38	
For Work In Restricted Working Space, Add	22.16	
For 24 Gauge, Add	1.43	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 16-0166	EA		10" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	101.53	47.71
			<i>For Seal Class B, Add</i>	14.03	
			<i>For Seal Class A, Add</i>	37.42	
			<i>For 22 Gauge, Add</i>	3.67	
			<i>For 18 Gauge, Add</i>	9.17	
			<i>For 16 Gauge, Add</i>	11.16	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	5.90	
			<i>For 20 Gauge, Add</i>	5.98	
			<i>For Work In Restricted Working Space, Add</i>	28.07	
			<i>For 24 Gauge, Add</i>	1.59	
23 31 13 16-0167	EA		12" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	125.79	58.94
			<i>For Seal Class B, Add</i>	17.54	
			<i>For Seal Class A, Add</i>	46.78	
			<i>For 22 Gauge, Add</i>	4.07	
			<i>For 18 Gauge, Add</i>	10.18	
			<i>For 16 Gauge, Add</i>	12.39	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	6.55	
			<i>For 20 Gauge, Add</i>	6.64	
			<i>For Work In Restricted Working Space, Add</i>	35.08	
			<i>For 24 Gauge, Add</i>	1.77	
23 31 13 16-0168	EA		14" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	137.31	64.55
			<i>For Seal Class B, Add</i>	19.14	
			<i>For Seal Class A, Add</i>	51.03	
			<i>For 22 Gauge, Add</i>	4.48	
			<i>For 18 Gauge, Add</i>	11.20	
			<i>For 16 Gauge, Add</i>	13.64	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	7.21	
			<i>For 20 Gauge, Add</i>	7.31	
			<i>For Work In Restricted Working Space, Add</i>	38.27	
			<i>For 24 Gauge, Add</i>	1.95	
23 31 13 16-0169	EA		16" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	158.96	74.38
			<i>For Seal Class B, Add</i>	22.16	
			<i>For Seal Class A, Add</i>	59.09	
			<i>For 22 Gauge, Add</i>	5.17	
			<i>For 18 Gauge, Add</i>	12.93	
			<i>For 16 Gauge, Add</i>	15.74	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	8.32	
			<i>For 20 Gauge, Add</i>	8.43	
			<i>For Work In Restricted Working Space, Add</i>	44.32	
			<i>For 24 Gauge, Add</i>	2.25	
23 31 13 16-0170	EA		18" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	224.99	94.02
			<i>For Seal Class B, Add</i>	28.07	
			<i>For Seal Class A, Add</i>	74.84	
			<i>For 22 Gauge, Add</i>	17.43	
			<i>For 18 Gauge, Add</i>	43.57	
			<i>For 16 Gauge, Add</i>	53.05	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	28.04	
			<i>For 20 Gauge, Add</i>	28.42	
			<i>For Work In Restricted Working Space, Add</i>	56.13	
			<i>For 24 Gauge, Add</i>	7.58	
23 31 13 16-0171	EA		20" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	274.96	116.48
			<i>For Seal Class B, Add</i>	35.08	
			<i>For Seal Class A, Add</i>	93.55	
			<i>For 22 Gauge, Add</i>	18.90	
			<i>For 18 Gauge, Add</i>	47.24	
			<i>For 16 Gauge, Add</i>	57.51	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	30.40	
			<i>For 20 Gauge, Add</i>	30.81	
			<i>For Work In Restricted Working Space, Add</i>	70.16	
			<i>For 24 Gauge, Add</i>	8.22	
23 31 13 16-0172	EA		22" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	299.40	127.70
			<i>For Seal Class B, Add</i>	38.27	
			<i>For Seal Class A, Add</i>	102.06	
			<i>For 22 Gauge, Add</i>	20.36	
			<i>For 18 Gauge, Add</i>	50.90	
			<i>For 16 Gauge, Add</i>	61.96	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	32.75	
			<i>For 20 Gauge, Add</i>	33.20	
			<i>For Work In Restricted Working Space, Add</i>	76.54	
			<i>For 24 Gauge, Add</i>	8.85	
23 31 13 16-0173	EA		24" Diameter, 26 Gauge, Seal Class C, Slip Joint, Galvanized, Spiral Duct Cap	346.11	148.75
			<i>For Seal Class B, Add</i>	44.79	
			<i>For Seal Class A, Add</i>	119.43	
			<i>For 22 Gauge, Add</i>	21.87	
			<i>For 18 Gauge, Add</i>	54.67	
			<i>For 16 Gauge, Add</i>	66.56	
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	35.18	
			<i>For 20 Gauge, Add</i>	35.66	
			<i>For Work In Restricted Working Space, Add</i>	89.57	
			<i>For 24 Gauge, Add</i>	9.51	

23 31 13 19 Metal Duct Fittings (23 31 13)23 31 13 19-0001 Sheet Metal Baffles (23 31 13 19)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 13 19-0002 LF Sheet Metal Baffles Under Raised Floor.....	49.17	39.62
<i>For Work In Restricted Working Space, Add</i>	14.49	
<i>For Elevated Installation >10' To 15', Add</i>	4.83	
<i>For Elevated Installation >15' To 20', Add</i>	9.66	
<i>For Elevated Installation >20' To 25', Add</i>	12.07	
<i>For Elevated Installation >25' To 30', Add</i>	16.90	
<i>For Elevated Installation >30' To 35', Add</i>	19.32	
<i>For Elevated Installation >35' To 40', Add</i>	24.15	
<i>For Elevated Installation >40', Add</i>	26.56	
23 31 13 19-0003 Duct Register Boots <small>(23 31 13 19)</small>		
23 31 13 19-0004 EA 10" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	46.48	19.02
<i>For Stainless Steel, Add</i>	10.97	
23 31 13 19-0005 EA 10" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	46.48	19.02
<i>For Stainless Steel, Add</i>	10.97	
23 31 13 19-0006 EA 12" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	49.70	20.54
<i>For Stainless Steel, Add</i>	11.21	
23 31 13 19-0007 EA 12" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	49.70	20.54
<i>For Stainless Steel, Add</i>	11.21	
23 31 13 19-0008 EA 12" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	51.78	20.54
<i>For Stainless Steel, Add</i>	13.91	
23 31 13 19-0009 EA 14" x 2-1/4" x 5" Register Boot, 90 Degree, Galvanized Steel.....	53.79	22.06
<i>For Stainless Steel, Add</i>	12.56	
23 31 13 19-0010 EA 14" x 2-1/4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	53.79	22.06
<i>For Stainless Steel, Add</i>	12.56	
23 31 13 19-0011 EA 14" x 2-1/4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	55.08	22.06
<i>For Stainless Steel, Add</i>	14.24	
23 31 13 19-0012 EA 10" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	54.77	23.59
<i>For Stainless Steel, Add</i>	9.87	
23 31 13 19-0013 EA 12" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	58.03	25.11
<i>For Stainless Steel, Add</i>	10.17	
23 31 13 19-0014 EA 12" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	63.33	25.11
<i>For Stainless Steel, Add</i>	17.06	
23 31 13 19-0015 EA 14" x 4" x 6" Register Boot, 90 Degree, Galvanized Steel.....	61.55	26.62
<i>For Stainless Steel, Add</i>	10.78	
23 31 13 19-0016 EA 14" x 4" x 7" Register Boot, 90 Degree, Galvanized Steel.....	66.74	26.62
<i>For Stainless Steel, Add</i>	17.52	
23 31 13 19-0017 EA 12" x 2-1/4" x 5" Register Boot, Center, Galvanized Steel.....	48.45	20.54
<i>For Stainless Steel, Add</i>	9.58	
23 31 13 19-0018 EA 12" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	48.45	20.54
<i>For Stainless Steel, Add</i>	9.58	
23 31 13 19-0019 EA 14" x 2-1/4" x 6" Register Boot, Center, Galvanized Steel.....	52.34	22.06
<i>For Stainless Steel, Add</i>	10.67	
23 31 13 19-0020 EA 14" x 2-1/4" x 7" Register Boot, Center, Galvanized Steel.....	53.58	22.06
<i>For Stainless Steel, Add</i>	12.29	
23 31 13 19-0021 EA 10" x 4" x 6" Register Boot, Center, Galvanized Steel.....	54.94	23.59
<i>For Stainless Steel, Add</i>	10.09	
23 31 13 19-0022 EA 12" x 4" x 6" Register Boot, Center, Galvanized Steel.....	58.18	25.11
<i>For Stainless Steel, Add</i>	10.36	
23 31 13 19-0023 EA 12" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	49.29	20.54
<i>For Stainless Steel, Add</i>	10.67	
23 31 13 19-0024 EA 14" x 2-1/4" x 6" Register Boot, End, Galvanized Steel.....	52.85	22.06
<i>For Stainless Steel, Add</i>	11.34	
23 31 13 19-0025 EA 10" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	46.49	19.02
<i>For Stainless Steel, Add</i>	10.97	
23 31 13 19-0026 EA 12" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	49.70	20.54
<i>For Stainless Steel, Add</i>	11.21	
23 31 13 19-0027 EA 14" x 2-1/4" x 5" Register Boot, Universal, Galvanized Steel.....	53.79	22.06
<i>For Stainless Steel, Add</i>	12.56	
23 31 13 19-0028 EA 14" x 2-1/4" x 6" Register Boot, Universal, Galvanized Steel.....	53.79	22.06
<i>For Stainless Steel, Add</i>	12.56	
23 31 13 19-0029 EA 10" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	54.77	23.59
<i>For Stainless Steel, Add</i>	9.87	
23 31 13 19-0030 EA 12" x 4" x 6" Register Boot, Universal, Galvanized Steel.....	58.03	25.11
<i>For Stainless Steel, Add</i>	10.17	
23 31 13 19-0031 EA 12" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	63.33	25.11
<i>For Stainless Steel, Add</i>	17.06	
23 31 13 19-0032 EA 14" x 4" x 7" Register Boot, Universal, Galvanized Steel.....	66.38	26.62
<i>For Stainless Steel, Add</i>	17.06	

23 31 13 23 Galvanized Steel Welded Duct (23 31 13)

Note: All field fabricated duct is assembled from flat duct sheets on site to fit to exact field conditions. Ductwork which is fabricated off site or snap-fitting duct is considered as shop fabricated.

23 31 13 23-0001 **Welded Steel Ductwork** (23 31 13 23)

Note: Ductwork poundage includes all fittings, transitions, collars, straps, support straps, etc.

23 31 13 23-0002 **Galvanized Steel Welded Duct, For Kitchen** (23 31 13 23-0001)

Note: Also includes special exhaust systems and waste.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31	13 23-0003	LB	Galvanized Steel Welded Duct	27.66	12.01
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	2.65	
			<i>For Work In Restricted Working Space, Add</i>	7.22	
			<i>For Elevated Installation >10' To 15', Add</i>	2.41	
			<i>For Elevated Installation >15' To 20', Add</i>	4.82	
			<i>For Elevated Installation >20' To 25', Add</i>	6.02	
			<i>For Elevated Installation >25' To 30', Add</i>	8.43	
			<i>For Elevated Installation >30' To 35', Add</i>	9.63	
			<i>For Elevated Installation >35' To 40', Add</i>	12.04	
			<i>For Elevated Installation >40', Add</i>	13.24	
23 31	13 23-0004		Black Steel Ductwork <small>(23 31 13 23-0001)</small>		
23 31	13 23-0005	LB	Black Steel Ductwork	25.56	12.39
			<i>For Polyvinyl Chloride (PVC) Coated, Inside And Outside, Add</i>	0.59	
			<i>For Work In Restricted Working Space, Add</i>	7.43	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.95	
			<i>For Elevated Installation >20' To 25', Add</i>	6.19	
			<i>For Elevated Installation >25' To 30', Add</i>	8.67	
			<i>For Elevated Installation >30' To 35', Add</i>	9.90	
			<i>For Elevated Installation >35' To 40', Add</i>	12.38	
			<i>For Elevated Installation >40', Add</i>	13.62	
23 31 16			Non-metal Ducts <small>(23 31)</small>		
23 31 16 13			Fibrous-Glass Ducts <small>(23 31 16)</small>		
23 31 16 13-0001			Glass Fiber Duct Board <small>(23 31 16 13)</small>		
			Note: Rigid, rectangular boards faced on one side with a fire-resistant foil-scrim-kraft (FSK) vapor retarder and a lightweight fiber glass mat on the airstream surface.		
23 31 16 13-0002	SF		1" Glass Fiber Duct Board (EI-475)	12.15	2.48
23 31 16 13-0003	SF		1-1/2" Glass Fiber Duct Board (EI-800)	14.27	2.73
23 31 16 13-0004	SF		2" Glass Fiber Duct Board (EI-800)	16.47	3.00
23 31 16 16			Thermoset Fiberglass-Reinforced Plastic Ducts <small>(23 31 16)</small>		
23 31 16 16-0001			Fiber Reinforced Round Plastic Duct <small>(23 31 16 16)</small>		
23 31 16 16-0002			Fiber Reinforced Round Plastic Duct <small>(23 31 16 16-0001)</small>		
23 31 16 16-0003	LF		2" Fiber Reinforced Plastic Duct	17.45	5.23
23 31 16 16-0004	LF		3" Fiber Reinforced Plastic Duct	21.95	6.12
23 31 16 16-0005	LF		4" Fiber Reinforced Plastic Duct	29.60	8.98
23 31 16 16-0006	LF		6" Fiber Reinforced Plastic Duct	39.39	11.35
23 31 16 16-0007	LF		8" Fiber Reinforced Plastic Duct	49.97	14.21
23 31 16 16-0008	LF		10" Fiber Reinforced Plastic Duct	60.28	17.08
23 31 16 16-0009	LF		12" Fiber Reinforced Plastic Duct	67.67	19.94
23 31 16 16-0010	LF		14" Fiber Reinforced Plastic Duct	77.47	21.81
23 31 16 16-0011	LF		16" Fiber Reinforced Plastic Duct	83.82	23.19
23 31 16 16-0012	LF		18" Fiber Reinforced Plastic Duct	105.01	26.06
23 31 16 16-0013	LF		20" Fiber Reinforced Plastic Duct	110.30	27.93
23 31 16 16-0014	LF		24" Fiber Reinforced Plastic Duct	137.35	29.81
23 31 16 16-0015	LF		30" Fiber Reinforced Plastic Duct	157.20	34.54
23 31 16 16-0016	LF		36" Fiber Reinforced Plastic Duct	180.98	41.65
23 31 16 16-0017	LF		42" Fiber Reinforced Plastic Duct	244.63	46.39
23 31 16 16-0018	LF		48" Fiber Reinforced Plastic Duct	274.02	52.11
23 31 16 16-0019	LF		54" Fiber Reinforced Plastic Duct	303.91	59.71
23 31 16 16-0020	LF		60" Fiber Reinforced Plastic Duct	344.38	69.68
23 31 16 16-0021	LF		66" Fiber Reinforced Plastic Duct	366.45	85.27
23 31 16 16-0022	LF		72" Fiber Reinforced Plastic Duct	447.14	104.22
23 31 16 16-0023			Fiber Reinforced Plastic Bell <small>(23 31 16 16-0001)</small>		
23 31 16 16-0024	EA		2" Fiber Reinforced Plastic Bell	58.89	21.22
23 31 16 16-0025	EA		3" Fiber Reinforced Plastic Bell	70.90	25.17
23 31 16 16-0026	EA		4" Fiber Reinforced Plastic Bell	81.84	29.61
23 31 16 16-0027	EA		6" Fiber Reinforced Plastic Bell	107.74	39.48
23 31 16 16-0028	EA		8" Fiber Reinforced Plastic Bell	131.60	49.35
23 31 16 16-0029	EA		10" Fiber Reinforced Plastic Bell	153.39	59.22
23 31 16 16-0030	EA		12" Fiber Reinforced Plastic Bell	190.23	73.53
23 31 16 16-0031	EA		14" Fiber Reinforced Plastic Bell	203.23	78.95
23 31 16 16-0032	EA		16" Fiber Reinforced Plastic Bell	220.17	84.39
23 31 16 16-0033	EA		18" Fiber Reinforced Plastic Bell	237.13	90.80
23 31 16 16-0034	EA		20" Fiber Reinforced Plastic Bell	259.07	98.70
23 31 16 16-0035	EA		24" Fiber Reinforced Plastic Bell	299.38	108.57
23 31 16 16-0036	EA		30" Fiber Reinforced Plastic Bell	345.84	118.44
23 31 16 16-0037	EA		36" Fiber Reinforced Plastic Bell	391.91	133.24
23 31 16 16-0038	EA		42" Fiber Reinforced Plastic Bell	437.97	148.05
23 31 16 16-0039	EA		48" Fiber Reinforced Plastic Bell	484.02	162.85
23 31 16 16-0040	EA		54" Fiber Reinforced Plastic Bell	600.40	197.39
23 31 16 16-0041	EA		60" Fiber Reinforced Plastic Bell	719.67	246.74
23 31 16 16-0042	EA		66" Fiber Reinforced Plastic Bell	863.55	296.09

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0043 EA 72" Fiber Reinforced Plastic Bell	987.88	335.57
23 31 16 16-0044 Fiber Reinforced Plastic Flange (23 31 16 16-0001)		
23 31 16 16-0045 EA 2" Fiber Reinforced Plastic Flange	91.79	21.22
23 31 16 16-0046 EA 3" Fiber Reinforced Plastic Flange	105.86	25.17
23 31 16 16-0047 EA 4" Fiber Reinforced Plastic Flange	120.90	29.61
23 31 16 16-0048 EA 6" Fiber Reinforced Plastic Flange	157.08	39.48
23 31 16 16-0049 EA 8" Fiber Reinforced Plastic Flange	191.23	49.35
23 31 16 16-0050 EA 10" Fiber Reinforced Plastic Flange.....	225.36	59.22
23 31 16 16-0051 EA 12" Fiber Reinforced Plastic Flange.....	266.31	73.53
23 31 16 16-0052 EA 14" Fiber Reinforced Plastic Flange.....	295.76	78.95
23 31 16 16-0053 EA 16" Fiber Reinforced Plastic Flange.....	322.98	84.39
23 31 16 16-0054 EA 18" Fiber Reinforced Plastic Flange.....	344.05	90.80
23 31 16 16-0055 EA 20" Fiber Reinforced Plastic Flange.....	361.88	98.70
23 31 16 16-0056 EA 24" Fiber Reinforced Plastic Flange.....	422.74	108.57
23 31 16 16-0057 EA 30" Fiber Reinforced Plastic Flange.....	465.09	118.44
23 31 16 16-0058 EA 36" Fiber Reinforced Plastic Flange.....	570.80	133.24
23 31 16 16-0059 EA 42" Fiber Reinforced Plastic Flange.....	635.36	148.05
23 31 16 16-0060 EA 48" Fiber Reinforced Plastic Flange.....	720.48	162.85
23 31 16 16-0061 EA 54" Fiber Reinforced Plastic Flange.....	847.14	197.39
23 31 16 16-0062 EA 60" Fiber Reinforced Plastic Flange.....	1,013.69	246.74
23 31 16 16-0063 EA 66" Fiber Reinforced Plastic Flange.....	1,180.20	296.09
23 31 16 16-0064 EA 72" Fiber Reinforced Plastic Flange.....	1,349.76	335.57
23 31 16 16-0065 Fiber Reinforced Plastic 90 Degree Elbow (23 31 16 16-0001)		
23 31 16 16-0066 EA 2" Fiber Reinforced Plastic 90 Degree Elbow	153.12	51.12
23 31 16 16-0067 EA 3" Fiber Reinforced Plastic 90 Degree Elbow	179.99	61.09
23 31 16 16-0068 EA 4" Fiber Reinforced Plastic 90 Degree Elbow	208.91	71.06
23 31 16 16-0069 EA 6" Fiber Reinforced Plastic 90 Degree Elbow	271.01	94.75
23 31 16 16-0070 EA 8" Fiber Reinforced Plastic 90 Degree Elbow	333.10	118.44
23 31 16 16-0071 EA 10" Fiber Reinforced Plastic 90 Degree Elbow	395.21	142.12
23 31 16 16-0072 EA 12" Fiber Reinforced Plastic 90 Degree Elbow	485.77	176.77
23 31 16 16-0073 EA 14" Fiber Reinforced Plastic 90 Degree Elbow	548.36	187.13
23 31 16 16-0074 EA 16" Fiber Reinforced Plastic 90 Degree Elbow	622.50	203.22
23 31 16 16-0075 EA 18" Fiber Reinforced Plastic 90 Degree Elbow	737.45	217.92
23 31 16 16-0076 EA 20" Fiber Reinforced Plastic 90 Degree Elbow	847.20	236.87
23 31 16 16-0077 EA 24" Fiber Reinforced Plastic 90 Degree Elbow	979.21	260.56
23 31 16 16-0078 EA 30" Fiber Reinforced Plastic 90 Degree Elbow	1,306.52	284.25
23 31 16 16-0079 EA 36" Fiber Reinforced Plastic 90 Degree Elbow	1,663.92	319.78
23 31 16 16-0080 EA 42" Fiber Reinforced Plastic 90 Degree Elbow	2,175.51	355.41
23 31 16 16-0081 EA 48" Fiber Reinforced Plastic 90 Degree Elbow	2,574.04	390.94
23 31 16 16-0082 EA 54" Fiber Reinforced Plastic 90 Degree Elbow	3,051.33	473.75
23 31 16 16-0083 EA 60" Fiber Reinforced Plastic 90 Degree Elbow	3,701.07	592.18
23 31 16 16-0084 EA 66" Fiber Reinforced Plastic 90 Degree Elbow	4,350.45	710.43
23 31 16 16-0085 EA 72" Fiber Reinforced Plastic 90 Degree Elbow	4,960.54	805.08
23 31 16 16-0086 Fiber Reinforced Plastic 45 Degree Elbow (23 31 16 16-0001)		
23 31 16 16-0087 EA 2" Fiber Reinforced Plastic 45 Degree Elbow	130.51	51.12
23 31 16 16-0088 EA 3" Fiber Reinforced Plastic 45 Degree Elbow	153.26	61.09
23 31 16 16-0089 EA 4" Fiber Reinforced Plastic 45 Degree Elbow	178.04	71.06
23 31 16 16-0090 EA 6" Fiber Reinforced Plastic 45 Degree Elbow	225.77	94.75
23 31 16 16-0091 EA 8" Fiber Reinforced Plastic 45 Degree Elbow	273.47	118.44
23 31 16 16-0092 EA 10" Fiber Reinforced Plastic 45 Degree Elbow	325.36	142.12
23 31 16 16-0093 EA 12" Fiber Reinforced Plastic 45 Degree Elbow	401.54	176.77
23 31 16 16-0094 EA 14" Fiber Reinforced Plastic 45 Degree Elbow	435.20	187.13
23 31 16 16-0095 EA 16" Fiber Reinforced Plastic 45 Degree Elbow	515.40	203.12
23 31 16 16-0096 EA 18" Fiber Reinforced Plastic 45 Degree Elbow	589.68	218.12
23 31 16 16-0097 EA 20" Fiber Reinforced Plastic 45 Degree Elbow	678.54	236.87
23 31 16 16-0098 EA 24" Fiber Reinforced Plastic 45 Degree Elbow	779.30	260.37
23 31 16 16-0099 EA 30" Fiber Reinforced Plastic 45 Degree Elbow	977.16	284.06
23 31 16 16-0100 EA 36" Fiber Reinforced Plastic 45 Degree Elbow	1,189.41	320.08
23 31 16 16-0101 EA 42" Fiber Reinforced Plastic 45 Degree Elbow	1,503.58	355.61
23 31 16 16-0102 EA 48" Fiber Reinforced Plastic 45 Degree Elbow	1,761.87	390.94
23 31 16 16-0103 EA 54" Fiber Reinforced Plastic 45 Degree Elbow	2,101.40	473.75
23 31 16 16-0104 EA 60" Fiber Reinforced Plastic 45 Degree Elbow	2,524.96	592.18
23 31 16 16-0105 EA 66" Fiber Reinforced Plastic 45 Degree Elbow	2,970.56	709.05
23 31 16 16-0106 EA 72" Fiber Reinforced Plastic 45 Degree Elbow	3,358.21	805.86
23 31 16 16-0107 Fiber Reinforced Plastic Tee (23 31 16 16-0001)		
23 31 16 16-0108 EA 2" Fiber Reinforced Plastic Tee	199.09	76.29
23 31 16 16-0109 EA 3" Fiber Reinforced Plastic Tee	235.42	91.89
23 31 16 16-0110 EA 4" Fiber Reinforced Plastic Tee	270.18	106.59
23 31 16 16-0111 EA 6" Fiber Reinforced Plastic Tee	349.98	142.12
23 31 16 16-0112 EA 8" Fiber Reinforced Plastic Tee	428.20	176.77
23 31 16 16-0113 EA 10" Fiber Reinforced Plastic Tee	511.08	214.17
23 31 16 16-0114 EA 12" Fiber Reinforced Plastic Tee	617.71	259.57
23 31 16 16-0115 EA 14" Fiber Reinforced Plastic Tee	673.81	280.89
23 31 16 16-0116 EA 16" Fiber Reinforced Plastic Tee	775.84	305.17

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0117	EA		18" Fiber Reinforced Plastic Tee	873.79	326.88
23 31 16 16-0118	EA		20" Fiber Reinforced Plastic Tee	1,003.51	355.41
23 31 16 16-0119	EA		24" Fiber Reinforced Plastic Tee	1,145.02	390.94
23 31 16 16-0120	EA		30" Fiber Reinforced Plastic Tee	1,358.15	426.27
23 31 16 16-0121	EA		36" Fiber Reinforced Plastic Tee	1,622.27	479.86
23 31 16 16-0122	EA		42" Fiber Reinforced Plastic Tee	2,122.21	533.17
23 31 16 16-0123	EA		48" Fiber Reinforced Plastic Tee	2,519.69	586.56
23 31 16 16-0124	EA		54" Fiber Reinforced Plastic Tee	3,035.66	711.11
23 31 16 16-0125	EA		60" Fiber Reinforced Plastic Tee	3,640.01	888.68
23 31 16 16-0126	EA		66" Fiber Reinforced Plastic Tee	4,243.79	1,065.84
23 31 16 16-0127	EA		72" Fiber Reinforced Plastic Tee	4,790.03	1,208.56
23 31 16 16-0128 Fiber Reinforced Plastic Lateral Joint (23 31 16 16-0001)					
23 31 16 16-0129	EA		2" Fiber Reinforced Plastic Lateral Joint	168.23	76.29
23 31 16 16-0130	EA		3" Fiber Reinforced Plastic Lateral Joint	198.38	91.89
23 31 16 16-0131	EA		4" Fiber Reinforced Plastic Lateral Joint	227.04	106.59
23 31 16 16-0132	EA		6" Fiber Reinforced Plastic Lateral Joint	290.41	142.12
23 31 16 16-0133	EA		8" Fiber Reinforced Plastic Lateral Joint	352.19	176.77
23 31 16 16-0134	EA		10" Fiber Reinforced Plastic Lateral Joint	422.73	214.17
23 31 16 16-0135	EA		12" Fiber Reinforced Plastic Lateral Joint	506.90	259.77
23 31 16 16-0136	EA		14" Fiber Reinforced Plastic Lateral Joint	550.01	280.70
23 31 16 16-0137	EA		16" Fiber Reinforced Plastic Lateral Joint	603.33	305.27
23 31 16 16-0138	EA		18" Fiber Reinforced Plastic Lateral Joint	652.21	327.19
23 31 16 16-0139	EA		20" Fiber Reinforced Plastic Lateral Joint	711.97	355.61
23 31 16 16-0140	EA		24" Fiber Reinforced Plastic Lateral Joint	787.26	390.94
23 31 16 16-0141	EA		30" Fiber Reinforced Plastic Lateral Joint	868.38	426.08
23 31 16 16-0142	EA		36" Fiber Reinforced Plastic Lateral Joint	980.24	479.57
23 31 16 16-0143	EA		42" Fiber Reinforced Plastic Lateral Joint	1,094.78	533.46
23 31 16 16-0144	EA		48" Fiber Reinforced Plastic Lateral Joint	1,203.39	586.37
23 31 16 16-0145	EA		54" Fiber Reinforced Plastic Lateral Joint	1,438.74	709.05
23 31 16 16-0146	EA		60" Fiber Reinforced Plastic Lateral Joint	1,761.31	890.25
23 31 16 16-0147	EA		66" Fiber Reinforced Plastic Lateral Joint	2,127.24	1,066.62
23 31 16 16-0148	EA		72" Fiber Reinforced Plastic Lateral Joint	2,384.35	1,208.56
23 31 16 16-0149 Fiber Reinforced Plastic One Piece Reducer (23 31 16 16-0001)					
23 31 16 16-0150	EA		2" Fiber Reinforced Plastic One Piece Reducer	138.76	51.23
23 31 16 16-0151	EA		3" Fiber Reinforced Plastic One Piece Reducer	163.59	61.19
23 31 16 16-0152	EA		4" Fiber Reinforced Plastic One Piece Reducer	192.51	71.06
23 31 16 16-0153	EA		6" Fiber Reinforced Plastic One Piece Reducer	248.39	94.75
23 31 16 16-0154	EA		8" Fiber Reinforced Plastic One Piece Reducer	300.20	118.44
23 31 16 16-0155	EA		10" Fiber Reinforced Plastic One Piece Reducer	361.20	142.72
23 31 16 16-0156	EA		12" Fiber Reinforced Plastic One Piece Reducer	430.33	176.77
23 31 16 16-0157	EA		14" Fiber Reinforced Plastic One Piece Reducer	459.87	187.13
23 31 16 16-0158	EA		16" Fiber Reinforced Plastic One Piece Reducer	507.17	203.12
23 31 16 16-0159	EA		18" Fiber Reinforced Plastic One Piece Reducer	556.78	218.12
23 31 16 16-0160	EA		20" Fiber Reinforced Plastic One Piece Reducer	620.97	236.87
23 31 16 16-0161	EA		24" Fiber Reinforced Plastic One Piece Reducer	706.20	260.86
23 31 16 16-0162	EA		30" Fiber Reinforced Plastic One Piece Reducer	791.16	284.74
23 31 16 16-0163	EA		36" Fiber Reinforced Plastic One Piece Reducer	895.38	320.08
23 31 16 16-0164	EA		42" Fiber Reinforced Plastic One Piece Reducer	999.83	355.61
23 31 16 16-0165	EA		48" Fiber Reinforced Plastic One Piece Reducer	1,124.46	390.94
23 31 16 16-0166	EA		54" Fiber Reinforced Plastic One Piece Reducer	1,334.46	473.75
23 31 16 16-0167	EA		60" Fiber Reinforced Plastic One Piece Reducer	1,597.64	592.18
23 31 16 16-0168	EA		66" Fiber Reinforced Plastic One Piece Reducer	1,798.56	709.05
23 31 16 16-0169	EA		72" Fiber Reinforced Plastic One Piece Reducer	2,021.72	805.86
23 31 16 16-0170 Fiber Reinforced Plastic Two Piece Reducer (23 31 16 16-0001)					
23 31 16 16-0171	EA		2" Fiber Reinforced Plastic Two Piece Reducer	163.43	51.23
23 31 16 16-0172	EA		3" Fiber Reinforced Plastic Two Piece Reducer	180.04	61.19
23 31 16 16-0173	EA		4" Fiber Reinforced Plastic Two Piece Reducer	208.96	71.06
23 31 16 16-0174	EA		6" Fiber Reinforced Plastic Two Piece Reducer	271.01	94.75
23 31 16 16-0175	EA		8" Fiber Reinforced Plastic Two Piece Reducer	333.10	118.44
23 31 16 16-0176	EA		10" Fiber Reinforced Plastic Two Piece Reducer	396.15	142.72
23 31 16 16-0177	EA		12" Fiber Reinforced Plastic Two Piece Reducer	475.56	176.77
23 31 16 16-0178	EA		14" Fiber Reinforced Plastic Two Piece Reducer	517.44	187.13
23 31 16 16-0179	EA		16" Fiber Reinforced Plastic Two Piece Reducer	564.75	203.12
23 31 16 16-0180	EA		18" Fiber Reinforced Plastic Two Piece Reducer	634.91	218.12
23 31 16 16-0181	EA		20" Fiber Reinforced Plastic Two Piece Reducer	793.68	236.87
23 31 16 16-0182	EA		24" Fiber Reinforced Plastic Two Piece Reducer	959.11	260.86
23 31 16 16-0183	EA		30" Fiber Reinforced Plastic Two Piece Reducer	1,029.67	284.74
23 31 16 16-0184	EA		36" Fiber Reinforced Plastic Two Piece Reducer	1,170.90	320.08
23 31 16 16-0185	EA		42" Fiber Reinforced Plastic Two Piece Reducer	1,271.24	355.61
23 31 16 16-0186	EA		48" Fiber Reinforced Plastic Two Piece Reducer	1,391.76	390.94
23 31 16 16-0187	EA		54" Fiber Reinforced Plastic Two Piece Reducer	1,550.35	473.75
23 31 16 16-0188	EA		60" Fiber Reinforced Plastic Two Piece Reducer	1,801.20	592.18
23 31 16 16-0189	EA		66" Fiber Reinforced Plastic Two Piece Reducer	2,024.74	709.05
23 31 16 16-0190	EA		72" Fiber Reinforced Plastic Two Piece Reducer	2,227.33	805.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 16-0191 Fiber Reinforced Plastic Butterfly Dampers <small>(23 31 16 16-0001)</small>		
23 31 16 16-0192 EA 2" Fiber Reinforced Plastic Damper.....	421.53	51.12
23 31 16 16-0193 EA 3" Fiber Reinforced Plastic Damper.....	473.53	61.09
23 31 16 16-0194 EA 4" Fiber Reinforced Plastic Damper.....	525.51	71.06
23 31 16 16-0195 EA 6" Fiber Reinforced Plastic Damper.....	618.08	94.75
23 31 16 16-0196 EA 8" Fiber Reinforced Plastic Damper.....	728.35	118.44
23 31 16 16-0197 EA 10" Fiber Reinforced Plastic Damper.....	820.94	142.12
23 31 16 16-0198 EA 12" Fiber Reinforced Plastic Damper.....	931.70	176.77
23 31 16 16-0199 EA 14" Fiber Reinforced Plastic Damper.....	1,037.54	187.13
23 31 16 16-0200 EA 16" Fiber Reinforced Plastic Damper.....	1,152.88	203.22
23 31 16 16-0201 EA 18" Fiber Reinforced Plastic Damper.....	1,265.85	217.92
23 31 16 16-0202 EA 20" Fiber Reinforced Plastic Damper.....	1,350.57	236.87
23 31 16 16-0203 EA 24" Fiber Reinforced Plastic Damper.....	1,531.64	260.56
23 31 16 16-0204 EA 30" Fiber Reinforced Plastic Damper.....	1,783.47	284.25
23 31 16 16-0205 EA 36" Fiber Reinforced Plastic Damper.....	2,055.11	319.78
23 31 16 16-0206 EA 42" Fiber Reinforced Plastic Damper.....	2,362.13	355.41
23 31 16 16-0207 EA 48" Fiber Reinforced Plastic Damper.....	2,633.78	390.94
23 31 16 16-0208 EA 54" Fiber Reinforced Plastic Damper.....	3,090.38	473.75
23 31 16 16-0209 EA 60" Fiber Reinforced Plastic Damper.....	3,606.35	592.18
23 31 16 16-0210 EA 66" Fiber Reinforced Plastic Damper.....	4,086.54	710.43
23 31 16 16-0211 EA 72" Fiber Reinforced Plastic Damper.....	4,704.45	805.08
 23 31 16 23 Fabric Ducts <small>(23 31 16)</small>		
23 31 16 23-0001 Heavy Duty Fabric Ducts (Zip-A-Duct™) <small>(23 31 16 23)</small>		
23 31 16 23-0002 Heavy Duty Fabric Duct Without Vents <small>(23 31 16 23-0001)</small>		
Note: Includes fabric loops for cable hooks. Requires Suspension Hardware as well as an Inlet Section and Endcap per complete run. See CSI section 23 31 16 23-0064 for suspension hardware.		
23 31 16 23-0003 EA 12" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents.....	194.77	10.56
Note: Excludes suspension cable and hardware.		
23 31 16 23-0004 EA 12" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents.....	303.15	14.08
Note: Excludes suspension cable and hardware.		
23 31 16 23-0005 EA 16" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents.....	237.82	17.60
Note: Excludes suspension cable and hardware.		
23 31 16 23-0006 EA 16" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents.....	352.30	23.13
Note: Excludes suspension cable and hardware.		
23 31 16 23-0007 EA 20" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents.....	290.20	24.14
Note: Excludes suspension cable and hardware.		
23 31 16 23-0008 EA 20" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents.....	414.48	32.19
Note: Excludes suspension cable and hardware.		
23 31 16 23-0009 EA 24" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents.....	339.77	31.18
Note: Excludes suspension cable and hardware.		
23 31 16 23-0010 EA 24" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents.....	476.66	41.23
Note: Excludes suspension cable and hardware.		
23 31 16 23-0011 EA 28" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents.....	379.54	35.71
Note: Excludes suspension cable and hardware.		
23 31 16 23-0012 EA 28" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents.....	565.95	47.78
Note: Excludes suspension cable and hardware.		
23 31 16 23-0013 EA 32" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents.....	417.80	39.73
Note: Excludes suspension cable and hardware.		
23 31 16 23-0014 EA 32" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents.....	631.15	52.80
Note: Excludes suspension cable and hardware.		
23 31 16 23-0015 EA 36" Diameter x 5' Long Gray Heavy Duty Fabric Duct Without Vents.....	456.27	45.27
Note: Excludes suspension cable and hardware.		
23 31 16 23-0016 EA 36" Diameter x 10' Long Gray Heavy Duty Fabric Duct Without Vents.....	727.84	60.35
Note: Excludes suspension cable and hardware.		
 23 31 16 23-0017 Heavy Duty Fabric Duct With Vents <small>(23 31 16 23-0001)</small>		
23 31 16 23-0018 EA 12" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents.....	520.31	14.08
Note: Excludes suspension cable and hardware.		
23 31 16 23-0019 EA 16" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents.....	582.49	23.13
Note: Excludes suspension cable and hardware.		
23 31 16 23-0020 EA 20" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents.....	655.53	32.19
Note: Excludes suspension cable and hardware.		
23 31 16 23-0021 EA 24" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents.....	730.74	41.23
Note: Excludes suspension cable and hardware.		
23 31 16 23-0022 EA 28" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents.....	878.66	47.78
Note: Excludes suspension cable and hardware.		
23 31 16 23-0023 EA 32" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents.....	943.86	52.80
Note: Excludes suspension cable and hardware.		
23 31 16 23-0024 EA 36" Diameter x 10' Long Gray Heavy Duty Fabric Duct With Vents.....	1,066.61	60.35
Note: Excludes suspension cable and hardware.		
 23 31 16 23-0025 Heavy Duty Fabric Duct 90 Degree Elbow <small>(23 31 16 23-0001)</small>		
23 31 16 23-0026 EA 12" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow.....	390.90	15.09
Note: Excludes suspension cable and hardware.		
23 31 16 23-0027 EA 16" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow.....	442.21	24.14
Note: Excludes suspension cable and hardware.		
23 31 16 23-0028 EA 20" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow.....	593.80	26.16
Note: Excludes suspension cable and hardware.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 31 HVAC Ducts and Casings**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0029	EA	24" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	727.64	35.20
23 31 16 23-0030	EA	28" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	915.74	39.22
23 31 16 23-0031	EA	32" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,137.04	42.75
23 31 16 23-0032	EA	36" Diameter Gray Heavy Duty Fabric Duct 90 Degree Elbow Note: Excludes suspension cable and hardware.	1,291.37	47.78
23 31 16 23-0033		Heavy Duty Fabric Duct 45 Degree Elbow <small>(23 31 16 23-0001)</small>		
23 31 16 23-0034	EA	12" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	301.86	15.09
23 31 16 23-0035	EA	16" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	359.69	24.14
23 31 16 23-0036	EA	20" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	402.70	26.16
23 31 16 23-0037	EA	24" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	473.56	35.20
23 31 16 23-0038	EA	28" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	546.57	39.22
23 31 16 23-0039	EA	32" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	652.78	42.75
23 31 16 23-0040	EA	36" Diameter Gray Heavy Duty Fabric Duct 45 Degree Elbow Note: Excludes suspension cable and hardware.	744.02	47.78
23 31 16 23-0041		Heavy Duty Fabric Duct Tee <small>(23 31 16 23-0001)</small>		
23 31 16 23-0042	EA	16" x 12" x 12" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	953.49	35.20
23 31 16 23-0043	EA	20" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,004.54	37.72
23 31 16 23-0044	EA	24" x 16" x 16" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,096.29	50.79
23 31 16 23-0045	EA	28" x 20" x 20" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,155.84	56.83
23 31 16 23-0046	EA	32" x 24" x 24" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,201.47	61.86
23 31 16 23-0047	EA	36" x 28" x 28" Gray Heavy Duty Fabric Duct Tee Note: Excludes suspension cable and hardware.	1,263.42	69.40
23 31 16 23-0048		Heavy Duty Fabric Duct Inlets <small>(23 31 16 23-0001)</small>		
23 31 16 23-0049	EA	12" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	160.71	15.09
23 31 16 23-0050	EA	16" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	194.65	24.14
23 31 16 23-0051	EA	20" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	209.43	26.16
23 31 16 23-0052	EA	24" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	245.54	35.20
23 31 16 23-0053	EA	28" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	264.26	39.22
23 31 16 23-0054	EA	32" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	283.61	42.75
23 31 16 23-0055	EA	36" Diameter Gray Heavy Duty Fabric Duct Transition Inlet Note: Excludes suspension cable and hardware.	311.87	47.78
23 31 16 23-0056		Heavy Duty Fabric Duct Cap <small>(23 31 16 23-0001)</small>		
23 31 16 23-0057	EA	12" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	94.64	9.06
23 31 16 23-0058	EA	16" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	122.27	14.59
23 31 16 23-0059	EA	20" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	142.69	15.59
23 31 16 23-0060	EA	24" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	198.53	21.12
23 31 16 23-0061	EA	28" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	236.55	23.63
23 31 16 23-0062	EA	32" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	292.60	25.65
23 31 16 23-0063	EA	36" Diameter Gray Heavy Duty Fabric Duct End Cap Note: Excludes suspension cable and hardware.	329.97	28.67
23 31 16 23-0064		Heavy Duty Fabric Duct Suspension Hardware <small>(23 31 16 23-0001)</small>		
23 31 16 23-0065	EA	12 To 20 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	41.27	7.62
23 31 16 23-0066	EA	20 To 36 Inch Diameter Ducts Fixing Strap With Galvanized Hardware Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.	63.96	11.43
23 31 16 23-0067	EA	Galvanized Cable Locks For Horizontal Cables Note: Requires two (2) cable locks per support point or per stretcher.	16.17	3.81

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 31 16 23-0068 LF Galvanized Plastic Coated Cable For Fabric Duct.....	0.84	0.15
Note: Excludes anchor bolts or anchors.		
23 31 16 23-0069 EA Galvanized Stretcher For Straight Fabric Duct Runs.....	36.47	7.62
23 31 16 23-0070 EA 12 To 20 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware.....	70.11	7.62
Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.		
23 31 16 23-0071 EA 20 To 36 Inch Diameter Ducts Fixing Strap With Stainless Steel Hardware.....	96.75	11.43
Note: Vertical support straps are recommended every six (6) to ten (10) feet along the length of the duct.		
23 31 16 23-0072 EA Stainless Steel Cable Locks For Horizontal Cables.....	20.23	3.81
Note: Requires two (2) cable locks per support point or per stretcher.		
23 31 16 23-0073 LF Stainless Steel Plastic Coated Cable For Fabric Duct.....	2.49	0.15
Note: Excludes anchor bolts or anchors.		
23 31 16 23-0074 EA Stainless Steel Stretcher For Straight Fabric Duct Runs.....	46.98	7.62

23 33 Air Duct Accessories (23 30)

23 33 13 Dampers (23 33)

23 33 13 13 Volume-Control Dampers (23 33 13)

23 33 13 13-0001 Radial Opposed Blade Damper Steel Construction (Ruskin CDR) (23 33 13 13)

23 33 13 13-0002 EA 6" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	128.83	12.18
For Stainless Steel, Add	106.08	
For Parallel Blade Damper, Add	32.64	
23 33 13 13-0003 EA 7" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	137.56	13.69
For Stainless Steel, Add	107.61	
For Parallel Blade Damper, Add	33.11	
23 33 13 13-0004 EA 8" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	147.35	15.21
For Stainless Steel, Add	108.75	
For Parallel Blade Damper, Add	33.46	
23 33 13 13-0005 EA 10" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	159.11	18.26
For Stainless Steel, Add	115.54	
For Parallel Blade Damper, Add	35.55	
23 33 13 13-0006 EA 12" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	172.37	19.78
For Stainless Steel, Add	122.34	
For Parallel Blade Damper, Add	37.64	
23 33 13 13-0007 EA 14" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	205.85	21.31
For Stainless Steel, Add	156.33	
For Parallel Blade Damper, Add	48.10	
23 33 13 13-0008 EA 15" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	225.15	22.82
For Stainless Steel, Add	169.92	
For Parallel Blade Damper, Add	52.28	
23 33 13 13-0009 EA 16" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	237.36	25.87
For Stainless Steel, Add	176.70	
For Parallel Blade Damper, Add	54.37	
23 33 13 13-0010 EA 18" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	261.18	27.39
For Stainless Steel, Add	197.11	
For Parallel Blade Damper, Add	60.65	
23 33 13 13-0011 EA 20" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	307.31	30.44
For Stainless Steel, Add	244.69	
For Parallel Blade Damper, Add	75.29	
23 33 13 13-0012 EA 24" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	338.83	30.44
For Stainless Steel, Add	278.63	
For Parallel Blade Damper, Add	85.73	
23 33 13 13-0013 EA 30" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	387.88	35.00
For Stainless Steel, Add	326.21	
For Parallel Blade Damper, Add	100.37	
23 33 13 13-0014 EA 36" Diameter Radial Opposed Blade Damper Round, Steel Construction, Manual Operated.....	417.58	36.52
For Stainless Steel, Add	355.46	
For Parallel Blade Damper, Add	109.37	

23 33 13 13-0015 Rectangular Opposed Blade Damper (Ruskin CD) (23 33 13 13)

23 33 13 13-0016 EA 6" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation.....	145.99	16.92
For Stainless Steel, Add	123.83	
For Parallel Blade Damper, Add	38.10	
23 33 13 13-0017 EA 8" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation.....	155.05	17.68
For Stainless Steel, Add	132.61	
For Parallel Blade Damper, Add	40.80	
23 33 13 13-0018 EA 8" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation.....	162.16	17.83
For Stainless Steel, Add	141.47	
For Parallel Blade Damper, Add	43.53	
23 33 13 13-0019 EA 10" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation.....	162.16	17.83
For Stainless Steel, Add	141.47	
For Parallel Blade Damper, Add	43.53	
23 33 13 13-0020 EA 10" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation.....	170.50	18.29
For Stainless Steel, Add	150.32	
For Parallel Blade Damper, Add	46.25	
23 33 13 13-0021 EA 10" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation.....	190.17	20.27
For Stainless Steel, Add	167.97	
For Parallel Blade Damper, Add	51.68	
23 33 13 13-0022 EA 12" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation.....	170.50	18.29
For Stainless Steel, Add	150.32	
For Parallel Blade Damper, Add	46.25	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0023	EA	12" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	187.12	19.35
			<i>For Stainless Steel, Add</i>	167.97	
			<i>For Parallel Blade Damper, Add</i>	51.68	
23 33 13	13-0024	EA	12" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	197.02	20.27
			<i>For Stainless Steel, Add</i>	176.88	
			<i>For Parallel Blade Damper, Add</i>	54.42	
23 33 13	13-0025	EA	12" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	217.95	22.86
			<i>For Stainless Steel, Add</i>	194.18	
			<i>For Parallel Blade Damper, Add</i>	59.75	
23 33 13	13-0026	EA	14" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	183.76	19.35
			<i>For Stainless Steel, Add</i>	163.61	
			<i>For Parallel Blade Damper, Add</i>	50.34	
23 33 13	13-0027	EA	14" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	197.02	20.27
			<i>For Stainless Steel, Add</i>	176.88	
			<i>For Parallel Blade Damper, Add</i>	54.42	
23 33 13	13-0028	EA	14" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	206.87	21.33
			<i>For Stainless Steel, Add</i>	185.73	
			<i>For Parallel Blade Damper, Add</i>	57.15	
23 33 13	13-0029	EA	14" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	218.26	22.86
			<i>For Stainless Steel, Add</i>	194.58	
			<i>For Parallel Blade Damper, Add</i>	59.87	
23 33 13	13-0030	EA	14" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	242.86	25.45
			<i>For Stainless Steel, Add</i>	216.66	
			<i>For Parallel Blade Damper, Add</i>	66.66	
23 33 13	13-0031	EA	16" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	197.02	20.27
			<i>For Stainless Steel, Add</i>	176.88	
			<i>For Parallel Blade Damper, Add</i>	54.42	
23 33 13	13-0032	EA	16" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	208.40	21.79
			<i>For Stainless Steel, Add</i>	185.73	
			<i>For Parallel Blade Damper, Add</i>	57.15	
23 33 13	13-0033	EA	16" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	221.30	23.92
			<i>For Stainless Steel, Add</i>	194.58	
			<i>For Parallel Blade Damper, Add</i>	59.87	
23 33 13	13-0034	EA	16" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	232.65	25.45
			<i>For Stainless Steel, Add</i>	203.39	
			<i>For Parallel Blade Damper, Add</i>	62.58	
23 33 13	13-0035	EA	16" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.34	27.88
			<i>For Stainless Steel, Add</i>	225.58	
			<i>For Parallel Blade Damper, Add</i>	69.41	
23 33 13	13-0036	EA	16" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	281.94	30.48
			<i>For Stainless Steel, Add</i>	247.65	
			<i>For Parallel Blade Damper, Add</i>	76.20	
23 33 13	13-0037	EA	18" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	206.87	21.33
			<i>For Stainless Steel, Add</i>	185.73	
			<i>For Parallel Blade Damper, Add</i>	57.15	
23 33 13	13-0038	EA	18" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	221.62	22.86
			<i>For Stainless Steel, Add</i>	198.95	
			<i>For Parallel Blade Damper, Add</i>	61.22	
23 33 13	13-0039	EA	18" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	239.50	25.45
			<i>For Stainless Steel, Add</i>	212.29	
			<i>For Parallel Blade Damper, Add</i>	65.32	
23 33 13	13-0040	EA	18" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	264.15	27.88
			<i>For Stainless Steel, Add</i>	234.43	
			<i>For Parallel Blade Damper, Add</i>	72.13	
23 33 13	13-0041	EA	18" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	285.34	30.48
			<i>For Stainless Steel, Add</i>	252.07	
			<i>For Parallel Blade Damper, Add</i>	77.56	
23 33 13	13-0042	EA	18" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	300.35	32.92
			<i>For Stainless Steel, Add</i>	261.69	
			<i>For Parallel Blade Damper, Add</i>	80.52	
23 33 13	13-0043	EA	18" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	317.72	35.50
			<i>For Stainless Steel, Add</i>	274.37	
			<i>For Parallel Blade Damper, Add</i>	84.42	
23 33 13	13-0044	EA	20" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	204.66	22.86
			<i>For Stainless Steel, Add</i>	176.90	
			<i>For Parallel Blade Damper, Add</i>	54.43	
23 33 13	13-0045	EA	20" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	224.62	25.45
			<i>For Stainless Steel, Add</i>	192.95	
			<i>For Parallel Blade Damper, Add</i>	59.37	
23 33 13	13-0046	EA	20" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	244.62	27.88
			<i>For Stainless Steel, Add</i>	209.04	
			<i>For Parallel Blade Damper, Add</i>	64.32	
23 33 13	13-0047	EA	20" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	277.00	30.48
			<i>For Stainless Steel, Add</i>	241.23	
			<i>For Parallel Blade Damper, Add</i>	74.22	
23 33 13	13-0048	EA	20" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	293.90	32.92
			<i>For Stainless Steel, Add</i>	253.31	
			<i>For Parallel Blade Damper, Add</i>	77.94	
23 33 13	13-0049	EA	20" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	310.81	35.50
			<i>For Stainless Steel, Add</i>	265.38	
			<i>For Parallel Blade Damper, Add</i>	81.66	
23 33 13	13-0050	EA	20" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	330.76	38.10
			<i>For Stainless Steel, Add</i>	281.41	
			<i>For Parallel Blade Damper, Add</i>	86.59	
23 33 13	13-0051	EA	20" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	350.72	40.54
			<i>For Stainless Steel, Add</i>	297.45	
			<i>For Parallel Blade Damper, Add</i>	91.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0052 EA 24" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	230.81	25.45
<i>For Stainless Steel, Add</i>	200.99	
<i>For Parallel Blade Damper, Add</i>	61.84	
23 33 13 13-0053 EA 24" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.00	27.88
<i>For Stainless Steel, Add</i>	225.13	
<i>For Parallel Blade Damper, Add</i>	69.27	
23 33 13 13-0054 EA 24" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	277.00	30.48
<i>For Stainless Steel, Add</i>	241.23	
<i>For Parallel Blade Damper, Add</i>	74.22	
23 33 13 13-0055 EA 24" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	303.19	32.92
<i>For Stainless Steel, Add</i>	265.38	
<i>For Parallel Blade Damper, Add</i>	81.66	
23 33 13 13-0056 EA 24" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	320.05	35.50
<i>For Stainless Steel, Add</i>	277.39	
<i>For Parallel Blade Damper, Add</i>	85.35	
23 33 13 13-0057 EA 24" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	336.96	38.10
<i>For Stainless Steel, Add</i>	289.47	
<i>For Parallel Blade Damper, Add</i>	89.07	
23 33 13 13-0058 EA 24" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	363.11	40.54
<i>For Stainless Steel, Add</i>	313.56	
<i>For Parallel Blade Damper, Add</i>	96.48	
23 33 13 13-0059 EA 24" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	396.88	45.72
<i>For Stainless Steel, Add</i>	337.65	
<i>For Parallel Blade Damper, Add</i>	103.89	
23 33 13 13-0060 EA 24" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	436.92	50.74
<i>For Stainless Steel, Add</i>	369.89	
<i>For Parallel Blade Damper, Add</i>	113.81	
23 33 13 13-0061 EA 28" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	257.00	27.88
<i>For Stainless Steel, Add</i>	225.13	
<i>For Parallel Blade Damper, Add</i>	69.27	
23 33 13 13-0062 EA 28" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	277.00	30.48
<i>For Stainless Steel, Add</i>	241.23	
<i>For Parallel Blade Damper, Add</i>	74.22	
23 33 13 13-0063 EA 28" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	303.19	32.92
<i>For Stainless Steel, Add</i>	265.38	
<i>For Parallel Blade Damper, Add</i>	81.66	
23 33 13 13-0064 EA 28" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	323.14	35.50
<i>For Stainless Steel, Add</i>	281.41	
<i>For Parallel Blade Damper, Add</i>	86.59	
23 33 13 13-0065 EA 28" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	346.20	38.10
<i>For Stainless Steel, Add</i>	301.48	
<i>For Parallel Blade Damper, Add</i>	92.76	
23 33 13 13-0066 EA 28" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	369.25	40.54
<i>For Stainless Steel, Add</i>	321.54	
<i>For Parallel Blade Damper, Add</i>	98.94	
23 33 13 13-0067 EA 28" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	403.07	45.72
<i>For Stainless Steel, Add</i>	345.70	
<i>For Parallel Blade Damper, Add</i>	106.37	
23 33 13 13-0068 EA 28" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	436.92	50.74
<i>For Stainless Steel, Add</i>	369.89	
<i>For Parallel Blade Damper, Add</i>	113.81	
23 33 13 13-0069 EA 28" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	481.62	53.34
<i>For Stainless Steel, Add</i>	418.08	
<i>For Parallel Blade Damper, Add</i>	128.64	
23 33 13 13-0070 EA 28" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	527.77	58.36
<i>For Stainless Steel, Add</i>	458.26	
<i>For Parallel Blade Damper, Add</i>	141.00	
23 33 13 13-0071 EA 32" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	295.58	30.48
<i>For Stainless Steel, Add</i>	265.38	
<i>For Parallel Blade Damper, Add</i>	81.66	
23 33 13 13-0072 EA 32" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	309.33	32.92
<i>For Stainless Steel, Add</i>	273.36	
<i>For Parallel Blade Damper, Add</i>	84.11	
23 33 13 13-0073 EA 32" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	323.14	35.50
<i>For Stainless Steel, Add</i>	281.41	
<i>For Parallel Blade Damper, Add</i>	86.59	
23 33 13 13-0074 EA 32" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	343.10	38.10
<i>For Stainless Steel, Add</i>	297.45	
<i>For Parallel Blade Damper, Add</i>	91.52	
23 33 13 13-0075 EA 32" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	370.46	40.54
<i>For Stainless Steel, Add</i>	323.12	
<i>For Parallel Blade Damper, Add</i>	99.42	
23 33 13 13-0076 EA 32" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	403.07	45.72
<i>For Stainless Steel, Add</i>	345.70	
<i>For Parallel Blade Damper, Add</i>	106.37	
23 33 13 13-0077 EA 32" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	443.12	50.74
<i>For Stainless Steel, Add</i>	377.95	
<i>For Parallel Blade Damper, Add</i>	116.29	
23 33 13 13-0078 EA 32" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	483.09	55.78
<i>For Stainless Steel, Add</i>	410.09	
<i>For Parallel Blade Damper, Add</i>	126.18	
23 33 13 13-0079 EA 32" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	527.77	58.36
<i>For Stainless Steel, Add</i>	458.26	
<i>For Parallel Blade Damper, Add</i>	141.00	
23 33 13 13-0080 EA 32" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	583.29	62.48
<i>For Stainless Steel, Add</i>	514.61	
<i>For Parallel Blade Damper, Add</i>	158.34	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0081	EA	32" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	643.45	65.98
			<i>For Stainless Steel, Add</i>	578.93	
			<i>For Parallel Blade Damper, Add</i>	178.13	
23 33 13	13-0082	EA	36" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	321.72	32.92
			<i>For Stainless Steel, Add</i>	289.47	
			<i>For Parallel Blade Damper, Add</i>	89.07	
23 33 13	13-0083	EA	36" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	341.68	35.50
			<i>For Stainless Steel, Add</i>	305.51	
			<i>For Parallel Blade Damper, Add</i>	94.00	
23 33 13	13-0084	EA	36" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	361.63	38.10
			<i>For Stainless Steel, Add</i>	321.54	
			<i>For Parallel Blade Damper, Add</i>	98.94	
23 33 13	13-0085	EA	36" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.83	40.54
			<i>For Stainless Steel, Add</i>	345.70	
			<i>For Parallel Blade Damper, Add</i>	106.37	
23 33 13	13-0086	EA	36" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	412.40	45.72
			<i>For Stainless Steel, Add</i>	357.83	
			<i>For Parallel Blade Damper, Add</i>	110.10	
23 33 13	13-0087	EA	36" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	429.30	48.16
			<i>For Stainless Steel, Add</i>	369.89	
			<i>For Parallel Blade Damper, Add</i>	113.81	
23 33 13	13-0088	EA	36" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	483.09	55.78
			<i>For Stainless Steel, Add</i>	410.09	
			<i>For Parallel Blade Damper, Add</i>	126.18	
23 33 13	13-0089	EA	36" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	529.20	60.96
			<i>For Stainless Steel, Add</i>	450.22	
			<i>For Parallel Blade Damper, Add</i>	138.53	
23 33 13	13-0090	EA	36" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	572.43	62.94
			<i>For Stainless Steel, Add</i>	498.50	
			<i>For Parallel Blade Damper, Add</i>	153.38	
23 33 13	13-0091	EA	36" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	635.59	67.51
			<i>For Stainless Steel, Add</i>	562.78	
			<i>For Parallel Blade Damper, Add</i>	173.16	
23 33 13	13-0092	EA	36" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	689.56	71.02
			<i>For Stainless Steel, Add</i>	619.06	
			<i>For Parallel Blade Damper, Add</i>	190.48	
23 33 13	13-0093	EA	36" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	746.67	73.61
			<i>For Stainless Steel, Add</i>	683.40	
			<i>For Parallel Blade Damper, Add</i>	210.28	
23 33 13	13-0094	EA	40" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	335.48	38.10
			<i>For Stainless Steel, Add</i>	297.45	
			<i>For Parallel Blade Damper, Add</i>	91.52	
23 33 13	13-0095	EA	40" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	367.83	40.54
			<i>For Stainless Steel, Add</i>	329.60	
			<i>For Parallel Blade Damper, Add</i>	101.42	
23 33 13	13-0096	EA	40" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	381.64	43.12
			<i>For Stainless Steel, Add</i>	337.65	
			<i>For Parallel Blade Damper, Add</i>	103.89	
23 33 13	13-0097	EA	40" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	395.45	45.72
			<i>For Stainless Steel, Add</i>	345.70	
			<i>For Parallel Blade Damper, Add</i>	106.37	
23 33 13	13-0098	EA	40" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	432.36	48.16
			<i>For Stainless Steel, Add</i>	373.87	
			<i>For Parallel Blade Damper, Add</i>	115.04	
23 33 13	13-0099	EA	40" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	461.65	50.74
			<i>For Stainless Steel, Add</i>	402.04	
			<i>For Parallel Blade Damper, Add</i>	123.70	
23 33 13	13-0100	EA	40" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	509.24	58.36
			<i>For Stainless Steel, Add</i>	434.17	
			<i>For Parallel Blade Damper, Add</i>	133.59	
23 33 13	13-0101	EA	40" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	549.24	63.40
			<i>For Stainless Steel, Add</i>	466.36	
			<i>For Parallel Blade Damper, Add</i>	143.50	
23 33 13	13-0102	EA	40" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	598.53	67.51
			<i>For Stainless Steel, Add</i>	514.61	
			<i>For Parallel Blade Damper, Add</i>	158.34	
23 33 13	13-0103	EA	40" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	677.22	71.02
			<i>For Stainless Steel, Add</i>	603.02	
			<i>For Parallel Blade Damper, Add</i>	185.54	
23 33 13	13-0104	EA	40" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	726.47	75.13
			<i>For Stainless Steel, Add</i>	651.20	
			<i>For Parallel Blade Damper, Add</i>	200.37	
23 33 13	13-0105	EA	40" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	800.62	77.11
			<i>For Stainless Steel, Add</i>	739.67	
			<i>For Parallel Blade Damper, Add</i>	227.59	
23 33 13	13-0106	EA	40" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	874.69	81.23
			<i>For Stainless Steel, Add</i>	820.11	
			<i>For Parallel Blade Damper, Add</i>	252.34	
23 33 13	13-0107	EA	44" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	355.49	38.10
			<i>For Stainless Steel, Add</i>	313.56	
			<i>For Parallel Blade Damper, Add</i>	96.48	
23 33 13	13-0108	EA	44" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	387.83	40.54
			<i>For Stainless Steel, Add</i>	345.70	
			<i>For Parallel Blade Damper, Add</i>	106.37	
23 33 13	13-0109	EA	44" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	414.06	43.12
			<i>For Stainless Steel, Add</i>	369.89	
			<i>For Parallel Blade Damper, Add</i>	113.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0110	EA		44" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	427.88 377.95 116.29	45.72
23 33 13 13-0111	EA		44" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	460.22 410.09 126.18	48.16
23 33 13 13-0112	EA		44" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	492.56 442.22 136.07	50.74
23 33 13 13-0113	EA		44" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	554.00 482.46 148.45	60.96
23 33 13 13-0114	EA		44" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	600.11 522.59 160.80	65.98
23 33 13 13-0115	EA		44" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	677.22 603.02 185.54	71.02
23 33 13 13-0116	EA		44" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	748.14 675.40 207.82	76.20
23 33 13 13-0117	EA		44" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	825.16 755.72 232.53	81.23
23 33 13 13-0118	EA		44" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	888.46 828.10 254.80	83.66
23 33 13 13-0119	EA		44" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	951.76 900.48 277.07	86.26
23 33 13 13-0120	EA		44" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	1,015.05 972.86 299.34	88.85
23 33 13 13-0121	EA		48" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	381.64 337.65 103.89	40.54
23 33 13 13-0122	EA		48" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	414.06 369.89 113.81	43.12
23 33 13 13-0123	EA		48" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	427.88 377.95 116.29	45.72
23 33 13 13-0124	EA		48" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	461.65 402.04 123.70	50.74
23 33 13 13-0125	EA		48" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	501.62 434.17 133.59	55.78
23 33 13 13-0126	EA		48" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	541.62 466.36 143.50	60.96
23 33 13 13-0127	EA		48" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	593.97 514.61 158.34	65.98
23 33 13 13-0128	EA		48" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	646.27 562.78 173.16	71.02
23 33 13 13-0129	EA		48" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	717.18 635.15 195.43	76.20
23 33 13 13-0130	EA		48" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	800.44 723.58 222.64	81.23
23 33 13 13-0131	EA		48" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	863.78 796.02 244.93	83.66
23 33 13 13-0132	EA		48" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	945.57 892.44 274.60	86.26
23 33 13 13-0133	EA		48" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	1,016.48 964.81 296.86	91.28
23 33 13 13-0134	EA		48" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	1,098.31 1,061.28 326.55	93.88
23 33 13 13-0135	EA		48" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	1,170.65 1,125.62 346.34	101.50
23 33 13 13-0136	EA		52" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	407.87 361.84 111.34	43.12
23 33 13 13-0137	EA		52" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	440.21 393.98 121.22	45.72
23 33 13 13-0138	EA		52" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation <i>For Stainless Steel, Add</i> <i>For Parallel Blade Damper, Add</i>	480.18 426.13 131.12	50.74

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	13-0139	EA	52" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	501.62	55.78
			<i>For Stainless Steel, Add</i>	434.17	
			<i>For Parallel Blade Damper, Add</i>	133.59	
23 33 13	13-0140	EA	52" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	544.72	60.96
			<i>For Stainless Steel, Add</i>	470.39	
			<i>For Parallel Blade Damper, Add</i>	144.74	
23 33 13	13-0141	EA	52" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	587.77	65.98
			<i>For Stainless Steel, Add</i>	506.55	
			<i>For Parallel Blade Damper, Add</i>	155.86	
23 33 13	13-0142	EA	52" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	640.12	71.02
			<i>For Stainless Steel, Add</i>	554.79	
			<i>For Parallel Blade Damper, Add</i>	170.70	
23 33 13	13-0143	EA	52" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	692.46	76.20
			<i>For Stainless Steel, Add</i>	603.02	
			<i>For Parallel Blade Damper, Add</i>	185.54	
23 33 13	13-0144	EA	52" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	763.38	81.23
			<i>For Stainless Steel, Add</i>	675.40	
			<i>For Parallel Blade Damper, Add</i>	207.82	
23 33 13	13-0145	EA	52" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	852.78	86.26
			<i>For Stainless Steel, Add</i>	771.81	
			<i>For Parallel Blade Damper, Add</i>	237.48	
23 33 13	13-0146	EA	52" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	922.23	88.85
			<i>For Stainless Steel, Add</i>	852.19	
			<i>For Parallel Blade Damper, Add</i>	262.21	
23 33 13	13-0147	EA	52" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,010.29	91.28
			<i>For Stainless Steel, Add</i>	956.76	
			<i>For Parallel Blade Damper, Add</i>	294.39	
23 33 13	13-0148	EA	52" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,099.70	96.47
			<i>For Stainless Steel, Add</i>	1,053.18	
			<i>For Parallel Blade Damper, Add</i>	324.06	
23 33 13	13-0149	EA	52" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,170.65	101.50
			<i>For Stainless Steel, Add</i>	1,125.62	
			<i>For Parallel Blade Damper, Add</i>	346.34	
23 33 13	13-0150	EA	52" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,267.71	109.12
			<i>For Stainless Steel, Add</i>	1,222.08	
			<i>For Parallel Blade Damper, Add</i>	376.02	
23 33 13	13-0151	EA	52" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,344.82	114.14
			<i>For Stainless Steel, Add</i>	1,302.51	
			<i>For Parallel Blade Damper, Add</i>	400.77	
23 33 13	13-0152	EA	56" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	427.88	45.72
			<i>For Stainless Steel, Add</i>	377.95	
			<i>For Parallel Blade Damper, Add</i>	116.29	
23 33 13	13-0153	EA	56" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	473.99	50.74
			<i>For Stainless Steel, Add</i>	418.08	
			<i>For Parallel Blade Damper, Add</i>	128.64	
23 33 13	13-0154	EA	56" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	507.81	55.78
			<i>For Stainless Steel, Add</i>	442.22	
			<i>For Parallel Blade Damper, Add</i>	136.07	
23 33 13	13-0155	EA	56" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	529.20	60.96
			<i>For Stainless Steel, Add</i>	450.22	
			<i>For Parallel Blade Damper, Add</i>	138.53	
23 33 13	13-0156	EA	56" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	578.49	65.98
			<i>For Stainless Steel, Add</i>	494.48	
			<i>For Parallel Blade Damper, Add</i>	152.15	
23 33 13	13-0157	EA	56" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	627.74	71.02
			<i>For Stainless Steel, Add</i>	538.69	
			<i>For Parallel Blade Damper, Add</i>	165.75	
23 33 13	13-0158	EA	56" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	676.98	76.20
			<i>For Stainless Steel, Add</i>	582.89	
			<i>For Parallel Blade Damper, Add</i>	179.35	
23 33 13	13-0159	EA	56" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	726.23	81.23
			<i>For Stainless Steel, Add</i>	627.11	
			<i>For Parallel Blade Damper, Add</i>	192.96	
23 33 13	13-0160	EA	56" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	815.68	86.26
			<i>For Stainless Steel, Add</i>	723.58	
			<i>For Parallel Blade Damper, Add</i>	222.64	
23 33 13	13-0161	EA	56" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	897.55	88.85
			<i>For Stainless Steel, Add</i>	820.11	
			<i>For Parallel Blade Damper, Add</i>	252.34	
23 33 13	13-0162	EA	56" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	973.19	91.28
			<i>For Stainless Steel, Add</i>	908.53	
			<i>For Parallel Blade Damper, Add</i>	279.55	
23 33 13	13-0163	EA	56" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,075.02	96.47
			<i>For Stainless Steel, Add</i>	1,021.10	
			<i>For Parallel Blade Damper, Add</i>	314.18	
23 33 13	13-0164	EA	56" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,164.45	101.50
			<i>For Stainless Steel, Add</i>	1,117.56	
			<i>For Parallel Blade Damper, Add</i>	343.86	
23 33 13	13-0165	EA	56" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,260.09	106.52
			<i>For Stainless Steel, Add</i>	1,222.08	
			<i>For Parallel Blade Damper, Add</i>	376.02	
23 33 13	13-0166	EA	56" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,337.20	111.71
			<i>For Stainless Steel, Add</i>	1,302.51	
			<i>For Parallel Blade Damper, Add</i>	400.77	
23 33 13	13-0167	EA	56" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,432.84	116.74
			<i>For Stainless Steel, Add</i>	1,407.03	
			<i>For Parallel Blade Damper, Add</i>	432.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 13-0168 EA 56" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,528.48	121.76
<i>For Stainless Steel, Add</i>	1,511.55	
<i>For Parallel Blade Damper, Add</i>	465.09	
23 33 13 13-0169 EA 60" x 6" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	461.65	50.74
<i>For Stainless Steel, Add</i>	402.04	
<i>For Parallel Blade Damper, Add</i>	123.70	
23 33 13 13-0170 EA 60" x 8" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	507.81	55.78
<i>For Stainless Steel, Add</i>	442.22	
<i>For Parallel Blade Damper, Add</i>	136.07	
23 33 13 13-0171 EA 60" x 10" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	535.39	60.96
<i>For Stainless Steel, Add</i>	458.26	
<i>For Parallel Blade Damper, Add</i>	141.00	
23 33 13 13-0172 EA 60" x 12" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	556.86	65.98
<i>For Stainless Steel, Add</i>	466.36	
<i>For Parallel Blade Damper, Add</i>	143.50	
23 33 13 13-0173 EA 60" x 14" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	609.21	71.02
<i>For Stainless Steel, Add</i>	514.61	
<i>For Parallel Blade Damper, Add</i>	158.34	
23 33 13 13-0174 EA 60" x 16" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	661.51	76.20
<i>For Stainless Steel, Add</i>	562.78	
<i>For Parallel Blade Damper, Add</i>	173.16	
23 33 13 13-0175 EA 60" x 18" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	716.95	81.23
<i>For Stainless Steel, Add</i>	615.04	
<i>For Parallel Blade Damper, Add</i>	189.24	
23 33 13 13-0176 EA 60" x 20" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	772.39	86.26
<i>For Stainless Steel, Add</i>	667.30	
<i>For Parallel Blade Damper, Add</i>	205.32	
23 33 13 13-0177 EA 60" x 24" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	860.40	88.85
<i>For Stainless Steel, Add</i>	771.81	
<i>For Parallel Blade Damper, Add</i>	237.48	
23 33 13 13-0178 EA 60" x 28" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	942.23	91.28
<i>For Stainless Steel, Add</i>	868.28	
<i>For Parallel Blade Damper, Add</i>	267.16	
23 33 13 13-0179 EA 60" x 32" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,037.91	96.47
<i>For Stainless Steel, Add</i>	972.86	
<i>For Parallel Blade Damper, Add</i>	299.34	
23 33 13 13-0180 EA 60" x 36" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,133.54	101.50
<i>For Stainless Steel, Add</i>	1,077.38	
<i>For Parallel Blade Damper, Add</i>	331.50	
23 33 13 13-0181 EA 60" x 40" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,210.61	106.52
<i>For Stainless Steel, Add</i>	1,157.75	
<i>For Parallel Blade Damper, Add</i>	356.23	
23 33 13 13-0182 EA 60" x 44" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,324.78	111.71
<i>For Stainless Steel, Add</i>	1,286.36	
<i>For Parallel Blade Damper, Add</i>	395.80	
23 33 13 13-0183 EA 60" x 48" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,426.61	116.74
<i>For Stainless Steel, Add</i>	1,398.93	
<i>For Parallel Blade Damper, Add</i>	430.44	
23 33 13 13-0184 EA 60" x 52" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,528.48	121.76
<i>For Stainless Steel, Add</i>	1,511.55	
<i>For Parallel Blade Damper, Add</i>	465.09	
23 33 13 13-0185 EA 60" x 56" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,617.84	126.95
<i>For Stainless Steel, Add</i>	1,607.91	
<i>For Parallel Blade Damper, Add</i>	494.74	
23 33 13 13-0186 EA 60" x 60" Rectangular Opposed Blade Damper, Steel Construction, Manual Operation	1,707.37	131.98
<i>For Stainless Steel, Add</i>	1,704.48	
<i>For Parallel Blade Damper, Add</i>	524.46	

23 33 13 16 Fire Dampers (23 33 13)

23 33 13 16-0001 Fire Dampers (23 33 13 16)

23 33 13 16-0002 SF Curtain Type, Vertical, Fire Damper	149.96	16.46
<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.60	
<i>For 3 Hour Rated, Add</i>	30.13	
<i>For Dynamic Damper, Add</i>	54.23	
<i>For Smoke Damper, Add</i>	85.37	
23 33 13 16-0003 SF Louver Type, Vertical, Fire Damper	204.75	16.46
<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.92	
<i>For 3 Hour Rated, Add</i>	46.57	
<i>For Dynamic Damper, Add</i>	83.82	
<i>For Smoke Damper, Add</i>	131.94	

23 33 13 16-0004 Folding Curtain Fire Dampers (23 33 13 16)

Note: UL Listed. Air stream 22 gauge galvanized steel construction with fusible link 160 F, gravity actuated for vertical mount 1-1/2 hour fire rating. Damper blades and damper frame are in the air stream.

23 33 13 16-0005 EA 6" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	80.59	16.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	6.72	
<i>For 3 Hour Rated, Add</i>	8.96	
<i>For Dynamic Damper, Add</i>	16.12	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	7.46	
23 33 13 16-0006 EA 8" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	85.00	17.68
<i>For Spring Activated Horizontal Mount Operation, Add</i>	7.19	
<i>For 3 Hour Rated, Add</i>	9.59	
<i>For Dynamic Damper, Add</i>	17.26	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	7.99	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33	13	16-0007	EA 8" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	87.44	17.83
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	7.67	
			<i>For 3 Hour Rated, Add</i>	10.23	
			<i>For Dynamic Damper, Add</i>	18.41	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	8.53	
23 33	13	16-0008	EA 10" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	87.44	17.83
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	7.67	
			<i>For 3 Hour Rated, Add</i>	10.23	
			<i>For Dynamic Damper, Add</i>	18.41	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	8.53	
23 33	13	16-0009	EA 10" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	91.10	18.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	8.15	
			<i>For 3 Hour Rated, Add</i>	10.87	
			<i>For Dynamic Damper, Add</i>	19.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	9.06	
23 33	13	16-0010	EA 10" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	101.45	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.11	
			<i>For 3 Hour Rated, Add</i>	12.15	
			<i>For Dynamic Damper, Add</i>	21.86	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.12	
23 33	13	16-0011	EA 12" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	91.10	18.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	8.15	
			<i>For 3 Hour Rated, Add</i>	10.87	
			<i>For Dynamic Damper, Add</i>	19.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	9.06	
23 33	13	16-0012	EA 12" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	98.40	19.35
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.11	
			<i>For 3 Hour Rated, Add</i>	12.15	
			<i>For Dynamic Damper, Add</i>	21.86	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.12	
23 33	13	16-0013	EA 12" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.58	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.59	
			<i>For 3 Hour Rated, Add</i>	12.79	
			<i>For Dynamic Damper, Add</i>	23.01	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.66	
23 33	13	16-0014	EA 12" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	113.34	22.86
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
			<i>For 3 Hour Rated, Add</i>	13.43	
			<i>For Dynamic Damper, Add</i>	24.17	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33	13	16-0015	EA 14" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	97.34	19.35
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	8.87	
			<i>For 3 Hour Rated, Add</i>	11.83	
			<i>For Dynamic Damper, Add</i>	21.29	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	9.86	
23 33	13	16-0016	EA 14" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.58	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.59	
			<i>For 3 Hour Rated, Add</i>	12.79	
			<i>For Dynamic Damper, Add</i>	23.01	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.66	
23 33	13	16-0017	EA 14" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	108.76	21.33
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
			<i>For 3 Hour Rated, Add</i>	13.43	
			<i>For Dynamic Damper, Add</i>	24.17	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33	13	16-0018	EA 14" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.48	22.86
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.55	
			<i>For 3 Hour Rated, Add</i>	14.07	
			<i>For Dynamic Damper, Add</i>	25.33	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.73	
23 33	13	16-0019	EA 14" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	128.43	25.45
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.75	
			<i>For 3 Hour Rated, Add</i>	15.67	
			<i>For Dynamic Damper, Add</i>	28.20	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.06	
23 33	13	16-0020	EA 16" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	103.58	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	9.59	
			<i>For 3 Hour Rated, Add</i>	12.79	
			<i>For Dynamic Damper, Add</i>	23.01	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	10.66	
23 33	13	16-0021	EA 16" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	110.29	21.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
			<i>For 3 Hour Rated, Add</i>	13.43	
			<i>For Dynamic Damper, Add</i>	24.17	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33	13	16-0022	EA 16" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	118.52	23.92
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.55	
			<i>For 3 Hour Rated, Add</i>	14.07	
			<i>For Dynamic Damper, Add</i>	25.33	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.73	
23 33	13	16-0023	EA 16" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	125.21	25.45
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.03	
			<i>For 3 Hour Rated, Add</i>	14.70	
			<i>For Dynamic Damper, Add</i>	26.47	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0024 EA 16" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	138.18	27.88
<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.23	
<i>For 3 Hour Rated, Add</i>	16.31	
<i>For Dynamic Damper, Add</i>	29.35	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.59	
23 33 13 16-0025 EA 16" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	151.13	30.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.43	
<i>For 3 Hour Rated, Add</i>	17.91	
<i>For Dynamic Damper, Add</i>	32.23	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.92	
23 33 13 16-0026 EA 18" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	108.76	21.33
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.07	
<i>For 3 Hour Rated, Add</i>	13.43	
<i>For Dynamic Damper, Add</i>	24.17	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.19	
23 33 13 16-0027 EA 18" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	116.53	22.86
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.79	
<i>For 3 Hour Rated, Add</i>	14.39	
<i>For Dynamic Damper, Add</i>	25.89	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.99	
23 33 13 16-0028 EA 18" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	127.37	25.45
<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.51	
<i>For 3 Hour Rated, Add</i>	15.35	
<i>For Dynamic Damper, Add</i>	27.63	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.79	
23 33 13 16-0029 EA 18" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	140.32	27.88
<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.71	
<i>For 3 Hour Rated, Add</i>	16.95	
<i>For Dynamic Damper, Add</i>	30.51	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.13	
23 33 13 16-0030 EA 18" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	152.19	30.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.67	
<i>For 3 Hour Rated, Add</i>	18.23	
<i>For Dynamic Damper, Add</i>	32.81	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.19	
23 33 13 16-0031 EA 18" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	165.13	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.87	
<i>For 3 Hour Rated, Add</i>	19.82	
<i>For Dynamic Damper, Add</i>	35.68	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	16.52	
23 33 13 16-0032 EA 18" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	175.95	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.59	
<i>For 3 Hour Rated, Add</i>	20.78	
<i>For Dynamic Damper, Add</i>	37.41	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.32	
23 33 13 16-0033 EA 20" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	115.48	22.86
<i>For Spring Activated Horizontal Mount Operation, Add</i>	10.55	
<i>For 3 Hour Rated, Add</i>	14.07	
<i>For Dynamic Damper, Add</i>	25.33	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	11.73	
23 33 13 16-0034 EA 20" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	127.35	25.45
<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.51	
<i>For 3 Hour Rated, Add</i>	15.35	
<i>For Dynamic Damper, Add</i>	27.62	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	12.79	
23 33 13 16-0035 EA 20" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	139.24	27.88
<i>For Spring Activated Horizontal Mount Operation, Add</i>	12.47	
<i>For 3 Hour Rated, Add</i>	16.63	
<i>For Dynamic Damper, Add</i>	29.93	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.86	
23 33 13 16-0036 EA 20" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.40	30.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.39	
<i>For 3 Hour Rated, Add</i>	19.19	
<i>For Dynamic Damper, Add</i>	34.54	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.99	
23 33 13 16-0037 EA 20" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	166.21	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.11	
<i>For 3 Hour Rated, Add</i>	20.15	
<i>For Dynamic Damper, Add</i>	36.27	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	16.79	
23 33 13 16-0038 EA 20" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	177.02	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
<i>For 3 Hour Rated, Add</i>	21.11	
<i>For Dynamic Damper, Add</i>	37.99	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0039 EA 20" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	188.90	38.10
<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.79	
<i>For 3 Hour Rated, Add</i>	22.38	
<i>For Dynamic Damper, Add</i>	40.29	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.65	
23 33 13 16-0040 EA 20" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	200.77	40.54
<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.74	
<i>For 3 Hour Rated, Add</i>	23.66	
<i>For Dynamic Damper, Add</i>	42.58	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.72	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0041	EA		24" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	129.48	25.45
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	11.99	
			<i>For 3 Hour Rated, Add</i>	15.98	
			<i>For Dynamic Damper, Add</i>	28.77	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	13.32	
23 33 13 16-0042	EA		24" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	143.51	27.88
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.43	
			<i>For 3 Hour Rated, Add</i>	17.91	
			<i>For Dynamic Damper, Add</i>	32.23	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.92	
23 33 13 16-0043	EA		24" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.40	30.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.39	
			<i>For 3 Hour Rated, Add</i>	19.19	
			<i>For Dynamic Damper, Add</i>	34.54	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.99	
23 33 13 16-0044	EA		24" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	169.40	32.92
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
			<i>For 3 Hour Rated, Add</i>	21.11	
			<i>For Dynamic Damper, Add</i>	37.99	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0045	EA		24" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	180.22	35.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.55	
			<i>For 3 Hour Rated, Add</i>	22.07	
			<i>For Dynamic Damper, Add</i>	39.72	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.39	
23 33 13 16-0046	EA		24" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	191.03	38.10
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.27	
			<i>For 3 Hour Rated, Add</i>	23.02	
			<i>For Dynamic Damper, Add</i>	41.44	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.19	
23 33 13 16-0047	EA		24" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	205.04	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.70	
			<i>For 3 Hour Rated, Add</i>	24.94	
			<i>For Dynamic Damper, Add</i>	44.89	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.78	
23 33 13 16-0048	EA		24" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	226.67	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.14	
			<i>For 3 Hour Rated, Add</i>	26.86	
			<i>For Dynamic Damper, Add</i>	48.34	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.38	
23 33 13 16-0049	EA		24" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	250.45	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
			<i>For 3 Hour Rated, Add</i>	29.42	
			<i>For Dynamic Damper, Add</i>	52.95	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	
23 33 13 16-0050	EA		28" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	143.51	27.88
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.43	
			<i>For 3 Hour Rated, Add</i>	17.91	
			<i>For Dynamic Damper, Add</i>	32.23	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	14.92	
23 33 13 16-0051	EA		28" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	155.40	30.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.39	
			<i>For 3 Hour Rated, Add</i>	19.19	
			<i>For Dynamic Damper, Add</i>	34.54	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	15.99	
23 33 13 16-0052	EA		28" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	169.40	32.92
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
			<i>For 3 Hour Rated, Add</i>	21.11	
			<i>For Dynamic Damper, Add</i>	37.99	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0053	EA		28" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	181.28	35.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.79	
			<i>For 3 Hour Rated, Add</i>	22.38	
			<i>For Dynamic Damper, Add</i>	40.29	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.65	
23 33 13 16-0054	EA		28" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	194.23	38.10
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.99	
			<i>For 3 Hour Rated, Add</i>	23.98	
			<i>For Dynamic Damper, Add</i>	43.17	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.99	
23 33 13 16-0055	EA		28" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.16	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.18	
			<i>For 3 Hour Rated, Add</i>	25.58	
			<i>For Dynamic Damper, Add</i>	46.04	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.31	
23 33 13 16-0056	EA		28" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.80	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
			<i>For 3 Hour Rated, Add</i>	27.50	
			<i>For Dynamic Damper, Add</i>	49.49	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0057	EA		28" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	250.45	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
			<i>For 3 Hour Rated, Add</i>	29.42	
			<i>For Dynamic Damper, Add</i>	52.95	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0058 EA 28" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	270.86	53.34
<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.94	
<i>For 3 Hour Rated, Add</i>	33.25	
<i>For Dynamic Damper, Add</i>	59.85	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.71	
23 33 13 16-0059 EA 28" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	296.76	58.36
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.34	
<i>For 3 Hour Rated, Add</i>	36.45	
<i>For Dynamic Damper, Add</i>	65.61	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.38	
23 33 13 16-0060 EA 32" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	161.79	30.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.83	
<i>For 3 Hour Rated, Add</i>	21.11	
<i>For Dynamic Damper, Add</i>	37.99	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	17.59	
23 33 13 16-0061 EA 32" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	171.52	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.31	
<i>For 3 Hour Rated, Add</i>	21.74	
<i>For Dynamic Damper, Add</i>	39.13	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.12	
23 33 13 16-0062 EA 32" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	181.28	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.79	
<i>For 3 Hour Rated, Add</i>	22.38	
<i>For Dynamic Damper, Add</i>	40.29	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.65	
23 33 13 16-0063 EA 32" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	193.15	38.10
<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.74	
<i>For 3 Hour Rated, Add</i>	23.66	
<i>For Dynamic Damper, Add</i>	42.58	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.72	
23 33 13 16-0064 EA 32" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	207.57	40.54
<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.27	
<i>For 3 Hour Rated, Add</i>	25.70	
<i>For Dynamic Damper, Add</i>	46.26	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.42	
23 33 13 16-0065 EA 32" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	228.80	45.72
<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
<i>For 3 Hour Rated, Add</i>	27.50	
<i>For Dynamic Damper, Add</i>	49.49	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0066 EA 32" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	252.59	50.74
<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.55	
<i>For 3 Hour Rated, Add</i>	30.06	
<i>For Dynamic Damper, Add</i>	54.11	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	25.05	
23 33 13 16-0067 EA 32" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	276.36	55.78
<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.46	
<i>For 3 Hour Rated, Add</i>	32.62	
<i>For Dynamic Damper, Add</i>	58.71	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.18	
23 33 13 16-0068 EA 32" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	296.76	58.36
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.34	
<i>For 3 Hour Rated, Add</i>	36.45	
<i>For Dynamic Damper, Add</i>	65.61	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.38	
23 33 13 16-0069 EA 32" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	323.87	62.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.70	
<i>For 3 Hour Rated, Add</i>	40.93	
<i>For Dynamic Damper, Add</i>	73.67	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	34.11	
23 33 13 16-0070 EA 32" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	351.60	65.98
<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.53	
<i>For 3 Hour Rated, Add</i>	46.04	
<i>For Dynamic Damper, Add</i>	82.88	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	38.37	
23 33 13 16-0071 EA 36" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	175.79	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.27	
<i>For 3 Hour Rated, Add</i>	23.02	
<i>For Dynamic Damper, Add</i>	41.44	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.19	
23 33 13 16-0072 EA 36" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	187.66	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.22	
<i>For 3 Hour Rated, Add</i>	24.30	
<i>For Dynamic Damper, Add</i>	43.73	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	20.25	
23 33 13 16-0073 EA 36" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	199.54	38.10
<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.18	
<i>For 3 Hour Rated, Add</i>	25.58	
<i>For Dynamic Damper, Add</i>	46.04	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.31	
23 33 13 16-0074 EA 36" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	213.56	40.54
<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
<i>For 3 Hour Rated, Add</i>	27.50	
<i>For Dynamic Damper, Add</i>	49.49	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0075	EA		36" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	232.02	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.35	
			<i>For 3 Hour Rated, Add</i>	28.46	
			<i>For Dynamic Damper, Add</i>	51.23	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	23.72	
23 33 13 16-0076	EA		36" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	242.83	48.16
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
			<i>For 3 Hour Rated, Add</i>	29.42	
			<i>For Dynamic Damper, Add</i>	52.95	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	
23 33 13 16-0077	EA		36" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	276.36	55.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.46	
			<i>For 3 Hour Rated, Add</i>	32.62	
			<i>For Dynamic Damper, Add</i>	58.71	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.18	
23 33 13 16-0078	EA		36" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	302.24	60.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.86	
			<i>For 3 Hour Rated, Add</i>	35.81	
			<i>For Dynamic Damper, Add</i>	64.45	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.84	
23 33 13 16-0079	EA		36" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	264.49	62.94
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.99	
			<i>For 3 Hour Rated, Add</i>	22.66	
			<i>For Dynamic Damper, Add</i>	40.78	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	18.88	
23 33 13 16-0080	EA		36" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	351.89	67.51
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.57	
			<i>For 3 Hour Rated, Add</i>	44.76	
			<i>For Dynamic Damper, Add</i>	80.57	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	37.30	
23 33 13 16-0081	EA		36" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	377.48	71.02
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	36.93	
			<i>For 3 Hour Rated, Add</i>	49.24	
			<i>For Dynamic Damper, Add</i>	88.62	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	41.03	
23 33 13 16-0082	EA		36" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	402.15	73.61
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.76	
			<i>For 3 Hour Rated, Add</i>	54.35	
			<i>For Dynamic Damper, Add</i>	97.83	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	45.29	
23 33 13 16-0083	EA		40" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	185.53	38.10
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.74	
			<i>For 3 Hour Rated, Add</i>	23.66	
			<i>For Dynamic Damper, Add</i>	42.58	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	19.72	
23 33 13 16-0084	EA		40" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	201.67	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	19.66	
			<i>For 3 Hour Rated, Add</i>	26.21	
			<i>For Dynamic Damper, Add</i>	47.19	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	21.85	
23 33 13 16-0085	EA		40" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	211.43	43.12
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.14	
			<i>For 3 Hour Rated, Add</i>	26.86	
			<i>For Dynamic Damper, Add</i>	48.34	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.38	
23 33 13 16-0086	EA		40" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	221.18	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.62	
			<i>For 3 Hour Rated, Add</i>	27.50	
			<i>For Dynamic Damper, Add</i>	49.49	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.91	
23 33 13 16-0087	EA		40" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	243.89	48.16
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.30	
			<i>For 3 Hour Rated, Add</i>	29.74	
			<i>For Dynamic Damper, Add</i>	53.52	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.78	
23 33 13 16-0088	EA		40" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.98	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.98	
			<i>For 3 Hour Rated, Add</i>	31.98	
			<i>For Dynamic Damper, Add</i>	57.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.65	
23 33 13 16-0089	EA		40" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	290.37	58.36
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.90	
			<i>For 3 Hour Rated, Add</i>	34.53	
			<i>For Dynamic Damper, Add</i>	62.16	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.78	
23 33 13 16-0090	EA		40" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	314.14	63.40
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.82	
			<i>For 3 Hour Rated, Add</i>	37.09	
			<i>For Dynamic Damper, Add</i>	66.77	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.91	
23 33 13 16-0091	EA		40" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	339.11	67.51
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.70	
			<i>For 3 Hour Rated, Add</i>	40.93	
			<i>For Dynamic Damper, Add</i>	73.67	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	34.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0092 EA 40" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	373.23	71.02
For Spring Activated Horizontal Mount Operation, Add	35.97	
For 3 Hour Rated, Add	47.96	
For Dynamic Damper, Add	86.33	
For Cap Of Damper Blades Outside Air Stream, Add	39.97	
23 33 13 16-0093 EA 40" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	398.20	75.13
For Spring Activated Horizontal Mount Operation, Add	38.85	
For 3 Hour Rated, Add	51.80	
For Dynamic Damper, Add	93.23	
For Cap Of Damper Blades Outside Air Stream, Add	43.16	
23 33 13 16-0094 EA 40" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	427.75	77.11
For Spring Activated Horizontal Mount Operation, Add	44.12	
For 3 Hour Rated, Add	58.83	
For Dynamic Damper, Add	105.90	
For Cap Of Damper Blades Outside Air Stream, Add	49.03	
23 33 13 16-0095 EA 40" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	461.27	81.23
For Spring Activated Horizontal Mount Operation, Add	48.92	
For 3 Hour Rated, Add	65.23	
For Dynamic Damper, Add	117.41	
For Cap Of Damper Blades Outside Air Stream, Add	54.36	
23 33 13 16-0096 EA 44" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	197.42	38.10
For Spring Activated Horizontal Mount Operation, Add	18.70	
For 3 Hour Rated, Add	24.94	
For Dynamic Damper, Add	44.89	
For Cap Of Damper Blades Outside Air Stream, Add	20.78	
23 33 13 16-0097 EA 44" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	213.56	40.54
For Spring Activated Horizontal Mount Operation, Add	20.62	
For 3 Hour Rated, Add	27.50	
For Dynamic Damper, Add	49.49	
For Cap Of Damper Blades Outside Air Stream, Add	22.91	
23 33 13 16-0098 EA 44" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	227.59	43.12
For Spring Activated Horizontal Mount Operation, Add	22.06	
For 3 Hour Rated, Add	29.42	
For Dynamic Damper, Add	52.95	
For Cap Of Damper Blades Outside Air Stream, Add	24.52	
23 33 13 16-0099 EA 44" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	237.35	45.72
For Spring Activated Horizontal Mount Operation, Add	22.55	
For 3 Hour Rated, Add	30.06	
For Dynamic Damper, Add	54.11	
For Cap Of Damper Blades Outside Air Stream, Add	25.05	
23 33 13 16-0100 EA 44" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	253.49	48.16
For Spring Activated Horizontal Mount Operation, Add	24.46	
For 3 Hour Rated, Add	32.62	
For Dynamic Damper, Add	58.71	
For Cap Of Damper Blades Outside Air Stream, Add	27.18	
23 33 13 16-0101 EA 44" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	269.64	50.74
For Spring Activated Horizontal Mount Operation, Add	26.38	
For 3 Hour Rated, Add	35.18	
For Dynamic Damper, Add	63.32	
For Cap Of Damper Blades Outside Air Stream, Add	29.31	
23 33 13 16-0102 EA 44" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	310.79	60.96
For Spring Activated Horizontal Mount Operation, Add	28.78	
For 3 Hour Rated, Add	38.37	
For Dynamic Damper, Add	69.07	
For Cap Of Damper Blades Outside Air Stream, Add	31.98	
23 33 13 16-0103 EA 44" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	336.67	65.98
For Spring Activated Horizontal Mount Operation, Add	31.17	
For 3 Hour Rated, Add	41.57	
For Dynamic Damper, Add	74.82	
For Cap Of Damper Blades Outside Air Stream, Add	34.64	
23 33 13 16-0104 EA 44" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	373.23	71.02
For Spring Activated Horizontal Mount Operation, Add	35.97	
For 3 Hour Rated, Add	47.96	
For Dynamic Damper, Add	86.33	
For Cap Of Damper Blades Outside Air Stream, Add	39.97	
23 33 13 16-0105 EA 44" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	407.66	76.20
For Spring Activated Horizontal Mount Operation, Add	40.29	
For 3 Hour Rated, Add	53.72	
For Dynamic Damper, Add	96.69	
For Cap Of Damper Blades Outside Air Stream, Add	44.77	
23 33 13 16-0106 EA 44" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	444.20	81.23
For Spring Activated Horizontal Mount Operation, Add	45.08	
For 3 Hour Rated, Add	60.11	
For Dynamic Damper, Add	108.19	
For Cap Of Damper Blades Outside Air Stream, Add	50.09	
23 33 13 16-0107 EA 44" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	471.00	83.66
For Spring Activated Horizontal Mount Operation, Add	49.40	
For 3 Hour Rated, Add	65.86	
For Dynamic Damper, Add	118.55	
For Cap Of Damper Blades Outside Air Stream, Add	54.89	
23 33 13 16-0108 EA 44" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	497.81	86.26
For Spring Activated Horizontal Mount Operation, Add	53.71	
For 3 Hour Rated, Add	71.62	
For Dynamic Damper, Add	128.91	
For Cap Of Damper Blades Outside Air Stream, Add	59.68	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0109	EA		44" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	524.63	88.85
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	58.03	
			<i>For 3 Hour Rated, Add</i>	77.38	
			<i>For Dynamic Damper, Add</i>	139.28	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	64.48	
23 33 13 16-0110	EA		48" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	211.43	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.14	
			<i>For 3 Hour Rated, Add</i>	26.86	
			<i>For Dynamic Damper, Add</i>	48.34	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	22.38	
23 33 13 16-0111	EA		48" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	227.59	43.12
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.06	
			<i>For 3 Hour Rated, Add</i>	29.42	
			<i>For Dynamic Damper, Add</i>	52.95	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	24.52	
23 33 13 16-0112	EA		48" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	237.35	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.55	
			<i>For 3 Hour Rated, Add</i>	30.06	
			<i>For Dynamic Damper, Add</i>	54.11	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	25.05	
23 33 13 16-0113	EA		48" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.98	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.98	
			<i>For 3 Hour Rated, Add</i>	31.98	
			<i>For Dynamic Damper, Add</i>	57.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.65	
23 33 13 16-0114	EA		48" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	282.75	55.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.90	
			<i>For 3 Hour Rated, Add</i>	34.53	
			<i>For Dynamic Damper, Add</i>	62.16	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.78	
23 33 13 16-0115	EA		48" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	306.52	60.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.82	
			<i>For 3 Hour Rated, Add</i>	37.09	
			<i>For Dynamic Damper, Add</i>	66.77	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.91	
23 33 13 16-0116	EA		48" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	334.55	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.70	
			<i>For 3 Hour Rated, Add</i>	40.93	
			<i>For Dynamic Damper, Add</i>	73.67	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	34.11	
23 33 13 16-0117	EA		48" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	362.57	71.02
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.57	
			<i>For 3 Hour Rated, Add</i>	44.76	
			<i>For Dynamic Damper, Add</i>	80.57	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	37.30	
23 33 13 16-0118	EA		48" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	397.00	76.20
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	37.89	
			<i>For 3 Hour Rated, Add</i>	50.52	
			<i>For Dynamic Damper, Add</i>	90.94	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	42.10	
23 33 13 16-0119	EA		48" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	435.67	81.23
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	43.16	
			<i>For 3 Hour Rated, Add</i>	57.55	
			<i>For Dynamic Damper, Add</i>	103.59	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	47.96	
23 33 13 16-0120	EA		48" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	462.50	83.66
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	47.48	
			<i>For 3 Hour Rated, Add</i>	63.31	
			<i>For Dynamic Damper, Add</i>	113.96	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	52.76	
23 33 13 16-0121	EA		48" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	495.67	86.26
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	53.23	
			<i>For 3 Hour Rated, Add</i>	70.98	
			<i>For Dynamic Damper, Add</i>	127.76	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	59.15	
23 33 13 16-0122	EA		48" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	530.12	91.28
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	57.56	
			<i>For 3 Hour Rated, Add</i>	76.74	
			<i>For Dynamic Damper, Add</i>	138.13	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	63.95	
23 33 13 16-0123	EA		48" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	563.31	93.88
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	63.31	
			<i>For 3 Hour Rated, Add</i>	84.41	
			<i>For Dynamic Damper, Add</i>	151.94	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	70.34	
23 33 13 16-0124	EA		48" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	603.21	101.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	67.14	
			<i>For 3 Hour Rated, Add</i>	89.53	
			<i>For Dynamic Damper, Add</i>	161.15	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	74.61	
23 33 13 16-0125	EA		52" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.46	43.12
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	21.58	
			<i>For 3 Hour Rated, Add</i>	28.78	
			<i>For Dynamic Damper, Add</i>	51.80	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	23.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0126 EA 52" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	241.60	45.72
<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.50	
<i>For 3 Hour Rated, Add</i>	31.34	
<i>For Dynamic Damper, Add</i>	56.40	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.11	
23 33 13 16-0127 EA 52" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	265.37	50.74
<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.42	
<i>For 3 Hour Rated, Add</i>	33.89	
<i>For Dynamic Damper, Add</i>	61.01	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.25	
23 33 13 16-0128 EA 52" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	282.75	55.78
<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.90	
<i>For 3 Hour Rated, Add</i>	34.53	
<i>For Dynamic Damper, Add</i>	62.16	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	28.78	
23 33 13 16-0129 EA 52" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	307.59	60.96
<i>For Spring Activated Horizontal Mount Operation, Add</i>	28.06	
<i>For 3 Hour Rated, Add</i>	37.41	
<i>For Dynamic Damper, Add</i>	67.34	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	31.18	
23 33 13 16-0130 EA 52" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	332.42	65.98
<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.22	
<i>For 3 Hour Rated, Add</i>	40.29	
<i>For Dynamic Damper, Add</i>	72.52	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	33.58	
23 33 13 16-0131 EA 52" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	360.45	71.02
<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.10	
<i>For 3 Hour Rated, Add</i>	44.13	
<i>For Dynamic Damper, Add</i>	79.43	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	36.77	
23 33 13 16-0132 EA 52" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	388.47	76.20
<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.97	
<i>For 3 Hour Rated, Add</i>	47.96	
<i>For Dynamic Damper, Add</i>	86.33	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	39.97	
23 33 13 16-0133 EA 52" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	422.90	81.23
<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.29	
<i>For 3 Hour Rated, Add</i>	53.72	
<i>For Dynamic Damper, Add</i>	96.69	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	44.77	
23 33 13 16-0134 EA 52" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	463.71	86.26
<i>For Spring Activated Horizontal Mount Operation, Add</i>	46.04	
<i>For 3 Hour Rated, Add</i>	61.39	
<i>For Dynamic Damper, Add</i>	110.50	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	51.16	
23 33 13 16-0135 EA 52" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	492.63	88.85
<i>For Spring Activated Horizontal Mount Operation, Add</i>	50.83	
<i>For 3 Hour Rated, Add</i>	67.78	
<i>For Dynamic Damper, Add</i>	122.00	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	56.48	
23 33 13 16-0136 EA 52" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	527.98	91.28
<i>For Spring Activated Horizontal Mount Operation, Add</i>	57.07	
<i>For 3 Hour Rated, Add</i>	76.10	
<i>For Dynamic Damper, Add</i>	136.98	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	63.42	
23 33 13 16-0137 EA 52" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	568.78	96.47
<i>For Spring Activated Horizontal Mount Operation, Add</i>	62.82	
<i>For 3 Hour Rated, Add</i>	83.77	
<i>For Dynamic Damper, Add</i>	150.78	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	69.81	
23 33 13 16-0138 EA 52" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	603.21	101.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	67.14	
<i>For 3 Hour Rated, Add</i>	89.53	
<i>For Dynamic Damper, Add</i>	161.15	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	74.61	
23 33 13 16-0139 EA 52" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	651.65	109.12
<i>For Spring Activated Horizontal Mount Operation, Add</i>	72.90	
<i>For 3 Hour Rated, Add</i>	97.20	
<i>For Dynamic Damper, Add</i>	174.96	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	81.00	
23 33 13 16-0140 EA 52" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	688.21	114.14
<i>For Spring Activated Horizontal Mount Operation, Add</i>	77.70	
<i>For 3 Hour Rated, Add</i>	103.60	
<i>For Dynamic Damper, Add</i>	186.47	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	86.33	
23 33 13 16-0141 EA 56" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	237.35	45.72
<i>For Spring Activated Horizontal Mount Operation, Add</i>	22.55	
<i>For 3 Hour Rated, Add</i>	30.06	
<i>For Dynamic Damper, Add</i>	54.11	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	25.05	
23 33 13 16-0142 EA 56" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	263.23	50.74
<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.94	
<i>For 3 Hour Rated, Add</i>	33.25	
<i>For Dynamic Damper, Add</i>	59.85	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	27.71	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0143	EA		56" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	284.89	55.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.38	
			<i>For 3 Hour Rated, Add</i>	35.18	
			<i>For Dynamic Damper, Add</i>	63.32	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.31	
23 33 13 16-0144	EA		56" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	302.24	60.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.86	
			<i>For 3 Hour Rated, Add</i>	35.81	
			<i>For Dynamic Damper, Add</i>	64.45	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.84	
23 33 13 16-0145	EA		56" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	329.22	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	29.50	
			<i>For 3 Hour Rated, Add</i>	39.33	
			<i>For Dynamic Damper, Add</i>	70.79	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	32.78	
23 33 13 16-0146	EA		56" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	356.18	71.02
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	32.13	
			<i>For 3 Hour Rated, Add</i>	42.85	
			<i>For Dynamic Damper, Add</i>	77.12	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	35.71	
23 33 13 16-0147	EA		56" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	383.14	76.20
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.77	
			<i>For 3 Hour Rated, Add</i>	46.36	
			<i>For Dynamic Damper, Add</i>	83.45	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	38.64	
23 33 13 16-0148	EA		56" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	410.10	81.23
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	37.41	
			<i>For 3 Hour Rated, Add</i>	49.88	
			<i>For Dynamic Damper, Add</i>	89.78	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	41.57	
23 33 13 16-0149	EA		56" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	450.91	86.26
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	43.16	
			<i>For 3 Hour Rated, Add</i>	57.55	
			<i>For Dynamic Damper, Add</i>	103.59	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	47.96	
23 33 13 16-0150	EA		56" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	484.13	88.85
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	48.92	
			<i>For 3 Hour Rated, Add</i>	65.23	
			<i>For Dynamic Damper, Add</i>	117.41	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	54.36	
23 33 13 16-0151	EA		56" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	515.19	91.28
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	54.20	
			<i>For 3 Hour Rated, Add</i>	72.26	
			<i>For Dynamic Damper, Add</i>	130.07	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	60.22	
23 33 13 16-0152	EA		56" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	560.27	96.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	60.91	
			<i>For 3 Hour Rated, Add</i>	81.21	
			<i>For Dynamic Damper, Add</i>	146.18	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	67.68	
23 33 13 16-0153	EA		56" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	601.08	101.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	66.67	
			<i>For 3 Hour Rated, Add</i>	88.89	
			<i>For Dynamic Damper, Add</i>	160.00	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	74.07	
23 33 13 16-0154	EA		56" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	644.03	106.52
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	72.90	
			<i>For 3 Hour Rated, Add</i>	97.20	
			<i>For Dynamic Damper, Add</i>	174.96	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	81.00	
23 33 13 16-0155	EA		56" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	680.59	111.71
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	77.70	
			<i>For 3 Hour Rated, Add</i>	103.60	
			<i>For Dynamic Damper, Add</i>	186.47	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	86.33	
23 33 13 16-0156	EA		56" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	723.54	116.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	83.93	
			<i>For 3 Hour Rated, Add</i>	111.91	
			<i>For Dynamic Damper, Add</i>	201.44	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	93.26	
23 33 13 16-0157	EA		56" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	766.49	121.76
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	90.17	
			<i>For 3 Hour Rated, Add</i>	120.22	
			<i>For Dynamic Damper, Add</i>	216.40	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	100.19	
23 33 13 16-0158	EA		60" x 6" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	258.98	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	23.98	
			<i>For 3 Hour Rated, Add</i>	31.98	
			<i>For Dynamic Damper, Add</i>	57.56	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	26.65	
23 33 13 16-0159	EA		60" x 8" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	284.89	55.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.38	
			<i>For 3 Hour Rated, Add</i>	35.18	
			<i>For Dynamic Damper, Add</i>	63.32	
			<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	29.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0160 EA 60" x 10" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	304.38	60.96
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.34	
<i>For 3 Hour Rated, Add</i>	36.45	
<i>For Dynamic Damper, Add</i>	65.61	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.38	
23 33 13 16-0161 EA 60" x 12" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	321.76	65.98
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.82	
<i>For 3 Hour Rated, Add</i>	37.09	
<i>For Dynamic Damper, Add</i>	66.77	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	30.91	
23 33 13 16-0162 EA 60" x 14" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	349.79	71.02
<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.70	
<i>For 3 Hour Rated, Add</i>	40.93	
<i>For Dynamic Damper, Add</i>	73.67	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	34.11	
23 33 13 16-0163 EA 60" x 16" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	377.81	76.20
<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.57	
<i>For 3 Hour Rated, Add</i>	44.76	
<i>For Dynamic Damper, Add</i>	80.57	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	37.30	
23 33 13 16-0164 EA 60" x 18" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	406.91	81.23
<i>For Spring Activated Horizontal Mount Operation, Add</i>	36.69	
<i>For 3 Hour Rated, Add</i>	48.92	
<i>For Dynamic Damper, Add</i>	88.06	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	40.77	
23 33 13 16-0165 EA 60" x 20" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	436.00	86.26
<i>For Spring Activated Horizontal Mount Operation, Add</i>	39.81	
<i>For 3 Hour Rated, Add</i>	53.08	
<i>For Dynamic Damper, Add</i>	95.54	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	44.23	
23 33 13 16-0166 EA 60" x 24" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	471.33	88.85
<i>For Spring Activated Horizontal Mount Operation, Add</i>	46.04	
<i>For 3 Hour Rated, Add</i>	61.39	
<i>For Dynamic Damper, Add</i>	110.50	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	51.16	
23 33 13 16-0167 EA 60" x 28" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	504.52	91.28
<i>For Spring Activated Horizontal Mount Operation, Add</i>	51.80	
<i>For 3 Hour Rated, Add</i>	69.06	
<i>For Dynamic Damper, Add</i>	124.31	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	57.55	
23 33 13 16-0168 EA 60" x 32" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	547.49	96.47
<i>For Spring Activated Horizontal Mount Operation, Add</i>	58.03	
<i>For 3 Hour Rated, Add</i>	77.38	
<i>For Dynamic Damper, Add</i>	139.28	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	64.48	
23 33 13 16-0169 EA 60" x 36" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	590.43	101.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.27	
<i>For 3 Hour Rated, Add</i>	85.69	
<i>For Dynamic Damper, Add</i>	154.25	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	71.41	
23 33 13 16-0170 EA 60" x 40" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	626.98	106.52
<i>For Spring Activated Horizontal Mount Operation, Add</i>	69.06	
<i>For 3 Hour Rated, Add</i>	92.09	
<i>For Dynamic Damper, Add</i>	165.75	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	76.74	
23 33 13 16-0171 EA 60" x 44" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	676.31	111.71
<i>For Spring Activated Horizontal Mount Operation, Add</i>	76.73	
<i>For 3 Hour Rated, Add</i>	102.31	
<i>For Dynamic Damper, Add</i>	184.16	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	85.26	
23 33 13 16-0172 EA 60" x 48" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	721.40	116.74
<i>For Spring Activated Horizontal Mount Operation, Add</i>	83.45	
<i>For 3 Hour Rated, Add</i>	111.27	
<i>For Dynamic Damper, Add</i>	200.28	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	92.72	
23 33 13 16-0173 EA 60" x 52" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	766.49	121.76
<i>For Spring Activated Horizontal Mount Operation, Add</i>	90.17	
<i>For 3 Hour Rated, Add</i>	120.22	
<i>For Dynamic Damper, Add</i>	216.40	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	100.19	
23 33 13 16-0174 EA 60" x 56" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	807.28	126.95
<i>For Spring Activated Horizontal Mount Operation, Add</i>	95.92	
<i>For 3 Hour Rated, Add</i>	127.89	
<i>For Dynamic Damper, Add</i>	230.20	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	106.57	
23 33 13 16-0175 EA 60" x 60" Folding Curtain Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	848.13	131.98
<i>For Spring Activated Horizontal Mount Operation, Add</i>	101.68	
<i>For 3 Hour Rated, Add</i>	135.57	
<i>For Dynamic Damper, Add</i>	244.03	
<i>For Cap Of Damper Blades Outside Air Stream, Add</i>	112.98	

23 33 13 16-0176 Parallel Blade Louver Fire Damper (23 33 13 16)

Note: UL listed. 22 gauge galvanized steel construction with fusible link 160 F spring actuated 1-1/2 hour fire rating.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0177	EA		6" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	112.50	16.92
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	13.90	
			<i>For 3 Hour Rated, Add</i>	18.53	
			<i>For Dynamic Damper, Add</i>	33.35	
23 33 13 16-0178	EA		8" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	117.44	17.68
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	14.49	
			<i>For 3 Hour Rated, Add</i>	19.32	
			<i>For Dynamic Damper, Add</i>	34.78	
23 33 13 16-0179	EA		8" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.41	17.83
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.09	
			<i>For 3 Hour Rated, Add</i>	20.12	
			<i>For Dynamic Damper, Add</i>	36.22	
23 33 13 16-0180	EA		10" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	120.41	17.83
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.09	
			<i>For 3 Hour Rated, Add</i>	20.12	
			<i>For Dynamic Damper, Add</i>	36.22	
23 33 13 16-0181	EA		10" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.62	18.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.69	
			<i>For 3 Hour Rated, Add</i>	20.93	
			<i>For Dynamic Damper, Add</i>	37.67	
23 33 13 16-0182	EA		10" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	136.02	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.89	
			<i>For 3 Hour Rated, Add</i>	22.52	
			<i>For Dynamic Damper, Add</i>	40.53	
23 33 13 16-0183	EA		12" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	124.62	18.29
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	15.69	
			<i>For 3 Hour Rated, Add</i>	20.93	
			<i>For Dynamic Damper, Add</i>	37.67	
23 33 13 16-0184	EA		12" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	132.97	19.35
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.89	
			<i>For 3 Hour Rated, Add</i>	22.52	
			<i>For Dynamic Damper, Add</i>	40.53	
23 33 13 16-0185	EA		12" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.69	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.49	
			<i>For 3 Hour Rated, Add</i>	23.32	
			<i>For Dynamic Damper, Add</i>	41.97	
23 33 13 16-0186	EA		12" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	148.99	22.86
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.09	
			<i>For 3 Hour Rated, Add</i>	24.12	
			<i>For Dynamic Damper, Add</i>	43.42	
23 33 13 16-0187	EA		14" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	131.65	19.35
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	16.59	
			<i>For 3 Hour Rated, Add</i>	22.12	
			<i>For Dynamic Damper, Add</i>	39.82	
23 33 13 16-0188	EA		14" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	138.69	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	17.49	
			<i>For 3 Hour Rated, Add</i>	23.32	
			<i>For Dynamic Damper, Add</i>	41.97	
23 33 13 16-0189	EA		14" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	144.41	21.33
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.09	
			<i>For 3 Hour Rated, Add</i>	24.12	
			<i>For Dynamic Damper, Add</i>	43.42	
23 33 13 16-0190	EA		14" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	151.64	22.86
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	18.69	
			<i>For 3 Hour Rated, Add</i>	24.92	
			<i>For Dynamic Damper, Add</i>	44.85	
23 33 13 16-0191	EA		14" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	165.93	25.45
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	20.19	
			<i>For 3 Hour Rated, Add</i>	26.92	
			<i>For Dynamic Damper, Add</i>	48.45	
23 33 13 16-0192	EA		16" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	169.53	20.27
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	24.43	
			<i>For 3 Hour Rated, Add</i>	32.57	
			<i>For Dynamic Damper, Add</i>	58.63	
23 33 13 16-0193	EA		16" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	177.09	21.79
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.10	
			<i>For 3 Hour Rated, Add</i>	33.47	
			<i>For Dynamic Damper, Add</i>	60.24	
23 33 13 16-0194	EA		16" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	186.18	23.92
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.78	
			<i>For 3 Hour Rated, Add</i>	34.37	
			<i>For Dynamic Damper, Add</i>	61.86	
23 33 13 16-0195	EA		16" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	193.72	25.45
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.44	
			<i>For 3 Hour Rated, Add</i>	35.26	
			<i>For Dynamic Damper, Add</i>	63.46	
23 33 13 16-0196	EA		16" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	208.82	27.88
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	28.13	
			<i>For 3 Hour Rated, Add</i>	37.50	
			<i>For Dynamic Damper, Add</i>	67.50	
23 33 13 16-0197	EA		16" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	223.91	30.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	29.81	
			<i>For 3 Hour Rated, Add</i>	39.74	
			<i>For Dynamic Damper, Add</i>	71.53	
23 33 13 16-0198	EA		18" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	175.56	21.33
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.10	
			<i>For 3 Hour Rated, Add</i>	33.47	
			<i>For Dynamic Damper, Add</i>	60.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0199 EA 18" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	184.62	22.86
<i>For Spring Activated Horizontal Mount Operation, Add</i>	26.11	
<i>For 3 Hour Rated, Add</i>	34.81	
<i>For Dynamic Damper, Add</i>	62.66	
23 33 13 16-0200 EA 18" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.74	25.45
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.12	
<i>For 3 Hour Rated, Add</i>	36.16	
<i>For Dynamic Damper, Add</i>	65.09	
23 33 13 16-0201 EA 18" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	211.81	27.88
<i>For Spring Activated Horizontal Mount Operation, Add</i>	28.80	
<i>For 3 Hour Rated, Add</i>	38.40	
<i>For Dynamic Damper, Add</i>	69.11	
23 33 13 16-0202 EA 18" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	225.39	30.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	30.14	
<i>For 3 Hour Rated, Add</i>	40.19	
<i>For Dynamic Damper, Add</i>	72.33	
23 33 13 16-0203 EA 18" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	240.47	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	31.82	
<i>For 3 Hour Rated, Add</i>	42.43	
<i>For Dynamic Damper, Add</i>	76.37	
23 33 13 16-0204 EA 18" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	252.55	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	32.82	
<i>For 3 Hour Rated, Add</i>	43.76	
<i>For Dynamic Damper, Add</i>	78.78	
23 33 13 16-0205 EA 20" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	183.14	22.86
<i>For Spring Activated Horizontal Mount Operation, Add</i>	25.78	
<i>For 3 Hour Rated, Add</i>	34.37	
<i>For Dynamic Damper, Add</i>	61.86	
23 33 13 16-0206 EA 20" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	196.71	25.45
<i>For Spring Activated Horizontal Mount Operation, Add</i>	27.11	
<i>For 3 Hour Rated, Add</i>	36.15	
<i>For Dynamic Damper, Add</i>	65.08	
23 33 13 16-0207 EA 20" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	210.31	27.88
<i>For Spring Activated Horizontal Mount Operation, Add</i>	28.46	
<i>For 3 Hour Rated, Add</i>	37.95	
<i>For Dynamic Damper, Add</i>	68.30	
23 33 13 16-0208 EA 20" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	229.89	30.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	31.15	
<i>For 3 Hour Rated, Add</i>	41.54	
<i>For Dynamic Damper, Add</i>	74.76	
23 33 13 16-0209 EA 20" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	241.97	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	32.16	
<i>For 3 Hour Rated, Add</i>	42.88	
<i>For Dynamic Damper, Add</i>	77.18	
23 33 13 16-0210 EA 20" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	254.05	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.16	
<i>For 3 Hour Rated, Add</i>	44.21	
<i>For Dynamic Damper, Add</i>	79.59	
23 33 13 16-0211 EA 20" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	267.64	38.10
<i>For Spring Activated Horizontal Mount Operation, Add</i>	34.50	
<i>For 3 Hour Rated, Add</i>	46.01	
<i>For Dynamic Damper, Add</i>	82.81	
23 33 13 16-0212 EA 20" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	281.21	40.54
<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.84	
<i>For 3 Hour Rated, Add</i>	47.79	
<i>For Dynamic Damper, Add</i>	86.02	
23 33 13 16-0213 EA 24" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	224.16	25.45
<i>For Spring Activated Horizontal Mount Operation, Add</i>	33.29	
<i>For 3 Hour Rated, Add</i>	44.39	
<i>For Dynamic Damper, Add</i>	79.90	
23 33 13 16-0214 EA 24" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	240.74	27.88
<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.31	
<i>For 3 Hour Rated, Add</i>	47.08	
<i>For Dynamic Damper, Add</i>	84.74	
23 33 13 16-0215 EA 24" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	254.34	30.48
<i>For Spring Activated Horizontal Mount Operation, Add</i>	36.65	
<i>For 3 Hour Rated, Add</i>	48.87	
<i>For Dynamic Damper, Add</i>	87.97	
23 33 13 16-0216 EA 24" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	270.88	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	38.66	
<i>For 3 Hour Rated, Add</i>	51.55	
<i>For Dynamic Damper, Add</i>	92.79	
23 33 13 16-0217 EA 24" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	282.99	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	39.67	
<i>For 3 Hour Rated, Add</i>	52.90	
<i>For Dynamic Damper, Add</i>	95.21	
23 33 13 16-0218 EA 24" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	295.07	38.10
<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.68	
<i>For 3 Hour Rated, Add</i>	54.23	
<i>For Dynamic Damper, Add</i>	97.62	
23 33 13 16-0219 EA 24" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	311.64	40.54
<i>For Spring Activated Horizontal Mount Operation, Add</i>	42.69	
<i>For 3 Hour Rated, Add</i>	56.92	
<i>For Dynamic Damper, Add</i>	102.45	
23 33 13 16-0220 EA 24" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	335.83	45.72
<i>For Spring Activated Horizontal Mount Operation, Add</i>	44.70	
<i>For 3 Hour Rated, Add</i>	59.60	
<i>For Dynamic Damper, Add</i>	107.29	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0221	EA		24" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.02	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	47.39	
			<i>For 3 Hour Rated, Add</i>	63.19	
			<i>For Dynamic Damper, Add</i>	113.74	
23 33 13 16-0222	EA		28" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	240.74	27.88
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	35.31	
			<i>For 3 Hour Rated, Add</i>	47.08	
			<i>For Dynamic Damper, Add</i>	84.74	
23 33 13 16-0223	EA		28" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	254.34	30.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	36.65	
			<i>For 3 Hour Rated, Add</i>	48.87	
			<i>For Dynamic Damper, Add</i>	87.97	
23 33 13 16-0224	EA		28" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	270.88	32.92
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	38.66	
			<i>For 3 Hour Rated, Add</i>	51.55	
			<i>For Dynamic Damper, Add</i>	92.79	
23 33 13 16-0225	EA		28" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.47	35.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.01	
			<i>For 3 Hour Rated, Add</i>	53.34	
			<i>For Dynamic Damper, Add</i>	96.01	
23 33 13 16-0226	EA		28" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	299.56	38.10
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	41.69	
			<i>For 3 Hour Rated, Add</i>	55.58	
			<i>For Dynamic Damper, Add</i>	100.05	
23 33 13 16-0227	EA		28" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	314.61	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	43.36	
			<i>For 3 Hour Rated, Add</i>	57.81	
			<i>For Dynamic Damper, Add</i>	104.06	
23 33 13 16-0228	EA		28" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.81	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	45.37	
			<i>For 3 Hour Rated, Add</i>	60.50	
			<i>For Dynamic Damper, Add</i>	108.90	
23 33 13 16-0229	EA		28" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	363.02	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	47.39	
			<i>For 3 Hour Rated, Add</i>	63.19	
			<i>For Dynamic Damper, Add</i>	113.74	
23 33 13 16-0230	EA		28" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.55	53.34
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	51.42	
			<i>For 3 Hour Rated, Add</i>	68.56	
			<i>For Dynamic Damper, Add</i>	123.41	
23 33 13 16-0231	EA		28" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.72	58.36
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	54.78	
			<i>For 3 Hour Rated, Add</i>	73.04	
			<i>For Dynamic Damper, Add</i>	131.47	
23 33 13 16-0232	EA		32" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	263.27	30.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	38.66	
			<i>For 3 Hour Rated, Add</i>	51.55	
			<i>For Dynamic Damper, Add</i>	92.79	
23 33 13 16-0233	EA		32" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	273.85	32.92
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	39.33	
			<i>For 3 Hour Rated, Add</i>	52.44	
			<i>For Dynamic Damper, Add</i>	94.39	
23 33 13 16-0234	EA		32" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	284.47	35.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	40.01	
			<i>For 3 Hour Rated, Add</i>	53.34	
			<i>For Dynamic Damper, Add</i>	96.01	
23 33 13 16-0235	EA		32" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	298.04	38.10
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	41.34	
			<i>For 3 Hour Rated, Add</i>	55.13	
			<i>For Dynamic Damper, Add</i>	99.23	
23 33 13 16-0236	EA		32" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	315.18	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	43.49	
			<i>For 3 Hour Rated, Add</i>	57.98	
			<i>For Dynamic Damper, Add</i>	104.37	
23 33 13 16-0237	EA		32" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	338.81	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	45.37	
			<i>For 3 Hour Rated, Add</i>	60.50	
			<i>For Dynamic Damper, Add</i>	108.90	
23 33 13 16-0238	EA		32" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.02	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	48.07	
			<i>For 3 Hour Rated, Add</i>	64.09	
			<i>For Dynamic Damper, Add</i>	115.36	
23 33 13 16-0239	EA		32" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	393.20	55.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	50.75	
			<i>For 3 Hour Rated, Add</i>	67.67	
			<i>For Dynamic Damper, Add</i>	121.80	
23 33 13 16-0240	EA		32" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	418.72	58.36
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	54.78	
			<i>For 3 Hour Rated, Add</i>	73.04	
			<i>For Dynamic Damper, Add</i>	131.47	
23 33 13 16-0241	EA		32" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	451.79	62.48
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	59.48	
			<i>For 3 Hour Rated, Add</i>	79.31	
			<i>For Dynamic Damper, Add</i>	142.75	
23 33 13 16-0242	EA		32" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	486.34	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.85	
			<i>For 3 Hour Rated, Add</i>	86.47	
			<i>For Dynamic Damper, Add</i>	155.64	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0243 EA 36" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	295.19	32.92
<i>For Spring Activated Horizontal Mount Operation, Add</i>	44.13	
<i>For 3 Hour Rated, Add</i>	58.84	
<i>For Dynamic Damper, Add</i>	105.92	
23 33 13 16-0244 EA 36" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	309.61	35.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	45.66	
<i>For 3 Hour Rated, Add</i>	60.88	
<i>For Dynamic Damper, Add</i>	109.59	
23 33 13 16-0245 EA 36" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	324.04	38.10
<i>For Spring Activated Horizontal Mount Operation, Add</i>	47.19	
<i>For 3 Hour Rated, Add</i>	62.93	
<i>For Dynamic Damper, Add</i>	113.27	
23 33 13 16-0246 EA 36" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	341.91	40.54
<i>For Spring Activated Horizontal Mount Operation, Add</i>	49.50	
<i>For 3 Hour Rated, Add</i>	66.00	
<i>For Dynamic Damper, Add</i>	118.80	
23 33 13 16-0247 EA 36" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	362.29	45.72
<i>For Spring Activated Horizontal Mount Operation, Add</i>	50.66	
<i>For 3 Hour Rated, Add</i>	67.54	
<i>For Dynamic Damper, Add</i>	121.58	
23 33 13 16-0248 EA 36" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	375.02	48.16
<i>For Spring Activated Horizontal Mount Operation, Add</i>	51.81	
<i>For 3 Hour Rated, Add</i>	69.08	
<i>For Dynamic Damper, Add</i>	124.34	
23 33 13 16-0249 EA 36" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	414.94	55.78
<i>For Spring Activated Horizontal Mount Operation, Add</i>	55.64	
<i>For 3 Hour Rated, Add</i>	74.19	
<i>For Dynamic Damper, Add</i>	133.54	
23 33 13 16-0250 EA 36" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	447.22	60.96
<i>For Spring Activated Horizontal Mount Operation, Add</i>	59.48	
<i>For 3 Hour Rated, Add</i>	79.30	
<i>For Dynamic Damper, Add</i>	142.74	
23 33 13 16-0251 EA 36" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	473.78	62.94
<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.08	
<i>For 3 Hour Rated, Add</i>	85.44	
<i>For Dynamic Damper, Add</i>	153.80	
23 33 13 16-0252 EA 36" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	514.76	67.51
<i>For Spring Activated Horizontal Mount Operation, Add</i>	70.22	
<i>For 3 Hour Rated, Add</i>	93.62	
<i>For Dynamic Damper, Add</i>	168.52	
23 33 13 16-0253 EA 36" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	549.30	71.02
<i>For Spring Activated Horizontal Mount Operation, Add</i>	75.59	
<i>For 3 Hour Rated, Add</i>	100.78	
<i>For Dynamic Damper, Add</i>	181.41	
23 33 13 16-0254 EA 36" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	584.21	73.61
<i>For Spring Activated Horizontal Mount Operation, Add</i>	81.73	
<i>For 3 Hour Rated, Add</i>	108.97	
<i>For Dynamic Damper, Add</i>	196.14	
23 33 13 16-0255 EA 40" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	330.65	38.10
<i>For Spring Activated Horizontal Mount Operation, Add</i>	50.40	
<i>For 3 Hour Rated, Add</i>	67.19	
<i>For Dynamic Damper, Add</i>	120.95	
23 33 13 16-0256 EA 40" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	351.91	40.54
<i>For Spring Activated Horizontal Mount Operation, Add</i>	53.46	
<i>For 3 Hour Rated, Add</i>	71.29	
<i>For Dynamic Damper, Add</i>	128.31	
23 33 13 16-0257 EA 40" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	362.94	43.12
<i>For Spring Activated Horizontal Mount Operation, Add</i>	54.23	
<i>For 3 Hour Rated, Add</i>	72.31	
<i>For Dynamic Damper, Add</i>	130.16	
23 33 13 16-0258 EA 40" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	373.98	45.72
<i>For Spring Activated Horizontal Mount Operation, Add</i>	55.00	
<i>For 3 Hour Rated, Add</i>	73.34	
<i>For Dynamic Damper, Add</i>	132.00	
23 33 13 16-0259 EA 40" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	401.17	48.16
<i>For Spring Activated Horizontal Mount Operation, Add</i>	57.69	
<i>For 3 Hour Rated, Add</i>	76.92	
<i>For Dynamic Damper, Add</i>	138.46	
23 33 13 16-0260 EA 40" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	420.72	50.74
<i>For Spring Activated Horizontal Mount Operation, Add</i>	60.37	
<i>For 3 Hour Rated, Add</i>	80.50	
<i>For Dynamic Damper, Add</i>	144.90	
23 33 13 16-0261 EA 40" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	457.23	58.36
<i>For Spring Activated Horizontal Mount Operation, Add</i>	63.44	
<i>For 3 Hour Rated, Add</i>	84.59	
<i>For Dynamic Damper, Add</i>	152.26	
23 33 13 16-0262 EA 40" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	486.12	63.40
<i>For Spring Activated Horizontal Mount Operation, Add</i>	66.51	
<i>For 3 Hour Rated, Add</i>	88.69	
<i>For Dynamic Damper, Add</i>	159.63	
23 33 13 16-0263 EA 40" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	518.77	67.51
<i>For Spring Activated Horizontal Mount Operation, Add</i>	71.12	
<i>For 3 Hour Rated, Add</i>	94.83	
<i>For Dynamic Damper, Add</i>	170.69	
23 33 13 16-0264 EA 40" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	566.96	71.02
<i>For Spring Activated Horizontal Mount Operation, Add</i>	79.56	
<i>For 3 Hour Rated, Add</i>	106.08	
<i>For Dynamic Damper, Add</i>	190.94	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0265	EA		40" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.59	75.13
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	84.16	
			<i>For 3 Hour Rated, Add</i>	112.21	
			<i>For Dynamic Damper, Add</i>	201.98	
23 33 13 16-0266	EA		40" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	643.22	77.11
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	92.61	
			<i>For 3 Hour Rated, Add</i>	123.47	
			<i>For Dynamic Damper, Add</i>	222.25	
23 33 13 16-0267	EA		40" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	689.51	81.23
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	100.28	
			<i>For 3 Hour Rated, Add</i>	133.70	
			<i>For Dynamic Damper, Add</i>	240.66	
23 33 13 16-0268	EA		44" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	345.10	38.10
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	51.93	
			<i>For 3 Hour Rated, Add</i>	69.24	
			<i>For Dynamic Damper, Add</i>	124.64	
23 33 13 16-0269	EA		44" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	366.36	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	55.00	
			<i>For 3 Hour Rated, Add</i>	73.34	
			<i>For Dynamic Damper, Add</i>	132.00	
23 33 13 16-0270	EA		44" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.23	43.12
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	57.31	
			<i>For 3 Hour Rated, Add</i>	76.41	
			<i>For Dynamic Damper, Add</i>	137.54	
23 33 13 16-0271	EA		44" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.26	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	58.07	
			<i>For 3 Hour Rated, Add</i>	77.43	
			<i>For Dynamic Damper, Add</i>	139.38	
23 33 13 16-0272	EA		44" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	416.52	48.16
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	61.14	
			<i>For 3 Hour Rated, Add</i>	81.53	
			<i>For Dynamic Damper, Add</i>	146.75	
23 33 13 16-0273	EA		44" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	437.79	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.22	
			<i>For 3 Hour Rated, Add</i>	85.62	
			<i>For Dynamic Damper, Add</i>	154.12	
23 33 13 16-0274	EA		44" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.33	60.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	68.05	
			<i>For 3 Hour Rated, Add</i>	90.74	
			<i>For Dynamic Damper, Add</i>	163.32	
23 33 13 16-0275	EA		44" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	517.60	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	71.88	
			<i>For 3 Hour Rated, Add</i>	95.84	
			<i>For Dynamic Damper, Add</i>	172.52	
23 33 13 16-0276	EA		44" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.96	71.02
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	79.56	
			<i>For 3 Hour Rated, Add</i>	106.08	
			<i>For Dynamic Damper, Add</i>	190.94	
23 33 13 16-0277	EA		44" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	612.89	76.20
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	86.47	
			<i>For 3 Hour Rated, Add</i>	115.29	
			<i>For Dynamic Damper, Add</i>	207.52	
23 33 13 16-0278	EA		44" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	662.21	81.23
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	94.13	
			<i>For 3 Hour Rated, Add</i>	125.51	
			<i>For Dynamic Damper, Add</i>	225.92	
23 33 13 16-0279	EA		44" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	700.52	83.66
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	101.04	
			<i>For 3 Hour Rated, Add</i>	134.72	
			<i>For Dynamic Damper, Add</i>	242.49	
23 33 13 16-0280	EA		44" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	738.85	86.26
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	107.95	
			<i>For 3 Hour Rated, Add</i>	143.93	
			<i>For Dynamic Damper, Add</i>	259.08	
23 33 13 16-0281	EA		44" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	777.18	88.85
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	114.86	
			<i>For 3 Hour Rated, Add</i>	153.14	
			<i>For Dynamic Damper, Add</i>	275.66	
23 33 13 16-0282	EA		48" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	362.94	40.54
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	54.23	
			<i>For 3 Hour Rated, Add</i>	72.31	
			<i>For Dynamic Damper, Add</i>	130.16	
23 33 13 16-0283	EA		48" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	384.23	43.12
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	57.31	
			<i>For 3 Hour Rated, Add</i>	76.41	
			<i>For Dynamic Damper, Add</i>	137.54	
23 33 13 16-0284	EA		48" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.26	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	58.07	
			<i>For 3 Hour Rated, Add</i>	77.43	
			<i>For Dynamic Damper, Add</i>	139.38	
23 33 13 16-0285	EA		48" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.72	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	60.37	
			<i>For 3 Hour Rated, Add</i>	80.50	
			<i>For Dynamic Damper, Add</i>	144.90	
23 33 13 16-0286	EA		48" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	449.61	55.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	63.44	
			<i>For 3 Hour Rated, Add</i>	84.59	
			<i>For Dynamic Damper, Add</i>	152.26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0287 EA 48" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	478.50 66.51 88.69 159.63	60.96
23 33 13 16-0288 EA 48" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	514.21 71.12 94.83 170.69	65.98
23 33 13 16-0289 EA 48" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	549.89 75.72 100.96 181.73	71.02
23 33 13 16-0290 EA 48" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	595.84 82.63 110.17 198.31	76.20
23 33 13 16-0291 EA 48" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	648.57 91.06 121.42 218.55	81.23
23 33 13 16-0292 EA 48" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	686.91 97.98 130.64 235.14	83.66
23 33 13 16-0293 EA 48" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	735.43 107.18 142.91 257.23	86.26
23 33 13 16-0294 EA 48" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	781.40 114.09 152.12 273.82	91.28
23 33 13 16-0295 EA 48" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	829.93 123.30 164.40 295.91	93.88
23 33 13 16-0296 EA 48" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	880.07 129.44 172.58 310.65	101.50
23 33 13 16-0297 EA 52" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	380.81 56.54 75.38 135.69	43.12
23 33 13 16-0298 EA 52" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	402.07 59.61 79.48 143.06	45.72
23 33 13 16-0299 EA 52" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	430.96 62.68 83.57 150.43	50.74
23 33 13 16-0300 EA 52" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	449.61 63.44 84.59 152.26	55.78
23 33 13 16-0301 EA 52" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	480.22 66.90 89.20 160.56	60.96
23 33 13 16-0302 EA 52" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	510.79 70.35 93.80 168.84	65.98
23 33 13 16-0303 EA 52" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	546.50 74.96 99.94 179.90	71.02
23 33 13 16-0304 EA 52" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	582.20 79.56 106.08 190.94	76.20
23 33 13 16-0305 EA 52" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	628.13 86.47 115.29 207.52	81.23
23 33 13 16-0306 EA 52" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	684.28 95.67 127.56 229.61	86.26
23 33 13 16-0307 EA 52" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	726.00 103.34 137.79 248.02	88.85
23 33 13 16-0308 EA 52" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For Spring Activated Horizontal Mount Operation, Add</i> <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	777.97 113.32 151.10 271.97	91.28

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0309	EA		52" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	834.11	96.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	122.52	
			<i>For 3 Hour Rated, Add</i>	163.37	
			<i>For Dynamic Damper, Add</i>	294.06	
23 33 13 16-0310	EA		52" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	880.07	101.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	129.44	
			<i>For 3 Hour Rated, Add</i>	172.58	
			<i>For Dynamic Damper, Add</i>	310.65	
23 33 13 16-0311	EA		52" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	943.84	109.12
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	138.64	
			<i>For 3 Hour Rated, Add</i>	184.86	
			<i>For Dynamic Damper, Add</i>	332.74	
23 33 13 16-0312	EA		52" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	993.19	114.14
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	146.32	
			<i>For 3 Hour Rated, Add</i>	195.09	
			<i>For Dynamic Damper, Add</i>	351.16	
23 33 13 16-0313	EA		56" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	395.26	45.72
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	58.07	
			<i>For 3 Hour Rated, Add</i>	77.43	
			<i>For Dynamic Damper, Add</i>	139.38	
23 33 13 16-0314	EA		56" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	427.53	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	61.91	
			<i>For 3 Hour Rated, Add</i>	82.54	
			<i>For Dynamic Damper, Add</i>	148.58	
23 33 13 16-0315	EA		56" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	453.04	55.78
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.22	
			<i>For 3 Hour Rated, Add</i>	85.62	
			<i>For Dynamic Damper, Add</i>	154.12	
23 33 13 16-0316	EA		56" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	471.67	60.96
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.98	
			<i>For 3 Hour Rated, Add</i>	86.64	
			<i>For Dynamic Damper, Add</i>	155.95	
23 33 13 16-0317	EA		56" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	505.68	65.98
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	69.20	
			<i>For 3 Hour Rated, Add</i>	92.27	
			<i>For Dynamic Damper, Add</i>	166.08	
23 33 13 16-0318	EA		56" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	539.67	71.02
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	73.42	
			<i>For 3 Hour Rated, Add</i>	97.89	
			<i>For Dynamic Damper, Add</i>	176.21	
23 33 13 16-0319	EA		56" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	573.67	76.20
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	77.64	
			<i>For 3 Hour Rated, Add</i>	103.52	
			<i>For Dynamic Damper, Add</i>	186.34	
23 33 13 16-0320	EA		56" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	607.66	81.23
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	81.86	
			<i>For 3 Hour Rated, Add</i>	109.15	
			<i>For Dynamic Damper, Add</i>	196.46	
23 33 13 16-0321	EA		56" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	663.81	86.26
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	91.06	
			<i>For 3 Hour Rated, Add</i>	121.42	
			<i>For Dynamic Damper, Add</i>	218.55	
23 33 13 16-0322	EA		56" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	712.37	88.85
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	100.28	
			<i>For 3 Hour Rated, Add</i>	133.70	
			<i>For Dynamic Damper, Add</i>	240.66	
23 33 13 16-0323	EA		56" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	757.50	91.28
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	108.72	
			<i>For 3 Hour Rated, Add</i>	144.95	
			<i>For Dynamic Damper, Add</i>	260.92	
23 33 13 16-0324	EA		56" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	820.50	96.47
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	119.46	
			<i>For 3 Hour Rated, Add</i>	159.28	
			<i>For Dynamic Damper, Add</i>	286.71	
23 33 13 16-0325	EA		56" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	876.64	101.50
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	128.67	
			<i>For 3 Hour Rated, Add</i>	171.56	
			<i>For Dynamic Damper, Add</i>	308.80	
23 33 13 16-0326	EA		56" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	936.22	106.52
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	138.64	
			<i>For 3 Hour Rated, Add</i>	184.86	
			<i>For Dynamic Damper, Add</i>	332.74	
23 33 13 16-0327	EA		56" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	985.57	111.71
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	146.32	
			<i>For 3 Hour Rated, Add</i>	195.09	
			<i>For Dynamic Damper, Add</i>	351.16	
23 33 13 16-0328	EA		56" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,045.15	116.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	156.29	
			<i>For 3 Hour Rated, Add</i>	208.39	
			<i>For Dynamic Damper, Add</i>	375.11	
23 33 13 16-0329	EA		56" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,104.73	121.76
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	166.27	
			<i>For 3 Hour Rated, Add</i>	221.69	
			<i>For Dynamic Damper, Add</i>	399.05	
23 33 13 16-0330	EA		60" x 6" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	420.72	50.74
			<i>For Spring Activated Horizontal Mount Operation, Add</i>	60.37	
			<i>For 3 Hour Rated, Add</i>	80.50	
			<i>For Dynamic Damper, Add</i>	144.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 16-0331 EA 60" x 8" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	453.04	55.78
<i>For Spring Activated Horizontal Mount Operation, Add</i>	64.22	
<i>For 3 Hour Rated, Add</i>	85.62	
<i>For Dynamic Damper, Add</i>	154.12	
23 33 13 16-0332 EA 60" x 10" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	475.07	60.96
<i>For Spring Activated Horizontal Mount Operation, Add</i>	65.74	
<i>For 3 Hour Rated, Add</i>	87.66	
<i>For Dynamic Damper, Add</i>	157.78	
23 33 13 16-0333 EA 60" x 12" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	493.74	65.98
<i>For Spring Activated Horizontal Mount Operation, Add</i>	66.51	
<i>For 3 Hour Rated, Add</i>	88.69	
<i>For Dynamic Damper, Add</i>	159.63	
23 33 13 16-0334 EA 60" x 14" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	529.45	71.02
<i>For Spring Activated Horizontal Mount Operation, Add</i>	71.12	
<i>For 3 Hour Rated, Add</i>	94.83	
<i>For Dynamic Damper, Add</i>	170.69	
23 33 13 16-0335 EA 60" x 16" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	565.13	76.20
<i>For Spring Activated Horizontal Mount Operation, Add</i>	75.72	
<i>For 3 Hour Rated, Add</i>	100.96	
<i>For Dynamic Damper, Add</i>	181.73	
23 33 13 16-0336 EA 60" x 18" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	602.54	81.23
<i>For Spring Activated Horizontal Mount Operation, Add</i>	80.71	
<i>For 3 Hour Rated, Add</i>	107.61	
<i>For Dynamic Damper, Add</i>	193.70	
23 33 13 16-0337 EA 60" x 20" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	639.95	86.26
<i>For Spring Activated Horizontal Mount Operation, Add</i>	85.70	
<i>For 3 Hour Rated, Add</i>	114.26	
<i>For Dynamic Damper, Add</i>	205.67	
23 33 13 16-0338 EA 60" x 24" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	691.90	88.85
<i>For Spring Activated Horizontal Mount Operation, Add</i>	95.67	
<i>For 3 Hour Rated, Add</i>	127.56	
<i>For Dynamic Damper, Add</i>	229.61	
23 33 13 16-0339 EA 60" x 28" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	740.45	91.28
<i>For Spring Activated Horizontal Mount Operation, Add</i>	104.88	
<i>For 3 Hour Rated, Add</i>	139.84	
<i>For Dynamic Damper, Add</i>	251.71	
23 33 13 16-0340 EA 60" x 32" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	800.04	96.47
<i>For Spring Activated Horizontal Mount Operation, Add</i>	114.86	
<i>For 3 Hour Rated, Add</i>	153.14	
<i>For Dynamic Damper, Add</i>	275.66	
23 33 13 16-0341 EA 60" x 36" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	859.61	101.50
<i>For Spring Activated Horizontal Mount Operation, Add</i>	124.83	
<i>For 3 Hour Rated, Add</i>	166.45	
<i>For Dynamic Damper, Add</i>	299.60	
23 33 13 16-0342 EA 60" x 40" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	908.95	106.52
<i>For Spring Activated Horizontal Mount Operation, Add</i>	132.51	
<i>For 3 Hour Rated, Add</i>	176.68	
<i>For Dynamic Damper, Add</i>	318.02	
23 33 13 16-0343 EA 60" x 44" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	978.75	111.71
<i>For Spring Activated Horizontal Mount Operation, Add</i>	144.78	
<i>For 3 Hour Rated, Add</i>	193.04	
<i>For Dynamic Damper, Add</i>	347.48	
23 33 13 16-0344 EA 60" x 48" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,041.73	116.74
<i>For Spring Activated Horizontal Mount Operation, Add</i>	155.52	
<i>For 3 Hour Rated, Add</i>	207.37	
<i>For Dynamic Damper, Add</i>	373.26	
23 33 13 16-0345 EA 60" x 52" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,104.73	121.76
<i>For Spring Activated Horizontal Mount Operation, Add</i>	166.27	
<i>For 3 Hour Rated, Add</i>	221.69	
<i>For Dynamic Damper, Add</i>	399.05	
23 33 13 16-0346 EA 60" x 56" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,160.86	126.95
<i>For Spring Activated Horizontal Mount Operation, Add</i>	175.47	
<i>For 3 Hour Rated, Add</i>	233.96	
<i>For Dynamic Damper, Add</i>	421.13	
23 33 13 16-0347 EA 60" x 60" Louver Type Fire Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,217.07	131.98
<i>For Spring Activated Horizontal Mount Operation, Add</i>	184.69	
<i>For 3 Hour Rated, Add</i>	246.25	
<i>For Dynamic Damper, Add</i>	443.25	
23 33 13 16-0348 Round 2 Hour Fire Damper <small>(23 33 13 16)</small>		
23 33 13 16-0349 EA 4" Round 2 Hour Fire Damper.....	140.08	30.48
23 33 13 16-0350 EA 5" Round 2 Hour Fire Damper.....	145.75	30.48
23 33 13 16-0351 EA 6" Round 2 Hour Fire Damper.....	171.06	34.59
23 33 13 16-0352 EA 7" Round 2 Hour Fire Damper.....	177.22	34.59
23 33 13 16-0353 EA 8" Round 2 Hour Fire Damper.....	211.89	38.10
23 33 13 16-0354 EA 9" Round 2 Hour Fire Damper.....	228.84	38.10
23 33 13 16-0355 EA 10" Round 2 Hour Fire Damper.....	254.30	42.37
23 33 13 16-0356 EA 12" Round 2 Hour Fire Damper.....	285.67	47.70
23 33 13 16-0357 EA 14" Round 2 Hour Fire Damper.....	324.75	54.40
23 33 13 16-0358 Round 4 Hour Fire Damper <small>(23 33 13 16)</small>		
23 33 13 16-0359 EA 4" Round 4 Hour Fire Damper.....	157.89	34.59
23 33 13 16-0360 EA 5" Round 4 Hour Fire Damper.....	173.33	34.59
23 33 13 16-0361 EA 6" Round 4 Hour Fire Damper.....	195.91	38.10

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 33 13 16-0362	EA	7" Round 4 Hour Fire Damper	215.83		38.10
23 33 13 16-0363	EA	8" Round 4 Hour Fire Damper	244.26		42.37
23 33 13 16-0364	EA	9" Round 4 Hour Fire Damper	256.40		42.37
23 33 13 16-0365	EA	10" Round 4 Hour Fire Damper	286.04		47.70
23 33 13 16-0366	EA	12" Round 4 Hour Fire Damper	317.03		54.40
23 33 13 16-0367	EA	14" Round 4 Hour Fire Damper	369.88		63.55
23 33 13 19 Smoke-Control Dampers (23 33 13)					
23 33 13 19-0001 Combination Smoke/Fire Damper (23 33 13 19)					
Note: Leakage class I with Firestat UL 555S air foil blades.					
23 33 13 19-0002	EA	6" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	599.12		25.37
		<i>For 3 Hour Rated, Add</i>	156.90		
		<i>For Dynamic Damper, Add</i>	282.41		
23 33 13 19-0003	EA	8" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	615.30		26.52
		<i>For 3 Hour Rated, Add</i>	160.73		
		<i>For Dynamic Damper, Add</i>	289.31		
23 33 13 19-0004	EA	8" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	628.70		26.75
		<i>For 3 Hour Rated, Add</i>	164.61		
		<i>For Dynamic Damper, Add</i>	296.29		
23 33 13 19-0005	EA	10" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	643.24		26.75
		<i>For 3 Hour Rated, Add</i>	168.97		
		<i>For Dynamic Damper, Add</i>	304.14		
23 33 13 19-0006	EA	10" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	658.72		27.43
		<i>For 3 Hour Rated, Add</i>	172.93		
		<i>For Dynamic Damper, Add</i>	311.27		
23 33 13 19-0007	EA	10" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	694.32		30.41
		<i>For 3 Hour Rated, Add</i>	180.86		
		<i>For Dynamic Damper, Add</i>	325.56		
23 33 13 19-0008	EA	12" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	658.72		27.43
		<i>For 3 Hour Rated, Add</i>	172.93		
		<i>For Dynamic Damper, Add</i>	311.27		
23 33 13 19-0009	EA	12" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	689.74		29.03
		<i>For 3 Hour Rated, Add</i>	180.86		
		<i>For Dynamic Damper, Add</i>	325.56		
23 33 13 19-0010	EA	12" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	707.51		30.41
		<i>For 3 Hour Rated, Add</i>	184.82		
		<i>For Dynamic Damper, Add</i>	332.68		
23 33 13 19-0011	EA	12" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	732.21		34.29
		<i>For 3 Hour Rated, Add</i>	188.81		
		<i>For Dynamic Damper, Add</i>	339.85		
23 33 13 19-0012	EA	14" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	683.15		29.03
		<i>For 3 Hour Rated, Add</i>	178.89		
		<i>For Dynamic Damper, Add</i>	322.00		
23 33 13 19-0013	EA	14" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	707.51		30.41
		<i>For 3 Hour Rated, Add</i>	184.82		
		<i>For Dynamic Damper, Add</i>	332.68		
23 33 13 19-0014	EA	14" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	725.36		32.01
		<i>For 3 Hour Rated, Add</i>	188.81		
		<i>For Dynamic Damper, Add</i>	339.85		
23 33 13 19-0015	EA	14" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	745.48		34.29
		<i>For 3 Hour Rated, Add</i>	192.79		
		<i>For Dynamic Damper, Add</i>	347.01		
23 33 13 19-0016	EA	14" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	789.97		38.18
		<i>For 3 Hour Rated, Add</i>	202.70		
		<i>For Dynamic Damper, Add</i>	364.87		
23 33 13 19-0017	EA	16" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	712.59		30.41
		<i>For 3 Hour Rated, Add</i>	186.35		
		<i>For Dynamic Damper, Add</i>	335.42		
23 33 13 19-0018	EA	16" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	726.95		32.69
		<i>For 3 Hour Rated, Add</i>	188.60		
		<i>For Dynamic Damper, Add</i>	339.47		
23 33 13 19-0019	EA	16" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	743.59		35.89
		<i>For 3 Hour Rated, Add</i>	190.85		
		<i>For Dynamic Damper, Add</i>	343.52		
23 33 13 19-0020	EA	16" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	757.84		38.18
		<i>For 3 Hour Rated, Add</i>	193.07		
		<i>For Dynamic Damper, Add</i>	347.52		
23 33 13 19-0021	EA	16" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	787.99		41.84
		<i>For 3 Hour Rated, Add</i>	198.68		
		<i>For Dynamic Damper, Add</i>	357.63		
23 33 13 19-0022	EA	16" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	818.09		45.72
		<i>For 3 Hour Rated, Add</i>	204.28		
		<i>For Dynamic Damper, Add</i>	367.71		
23 33 13 19-0023	EA	18" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	724.66		32.01
		<i>For 3 Hour Rated, Add</i>	188.60		
		<i>For Dynamic Damper, Add</i>	339.47		
23 33 13 19-0024	EA	18" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	742.68		34.29
		<i>For 3 Hour Rated, Add</i>	191.95		
		<i>For Dynamic Damper, Add</i>	345.50		
23 33 13 19-0025	EA	18" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	765.39		38.18
		<i>For 3 Hour Rated, Add</i>	195.33		
		<i>For Dynamic Damper, Add</i>	351.59		
23 33 13 19-0026	EA	18" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	795.49		41.84
		<i>For 3 Hour Rated, Add</i>	200.93		
		<i>For Dynamic Damper, Add</i>	361.68		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0027 EA 18" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	821.82 205.40 369.72	45.72
23 33 13 19-0028 EA 18" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	851.92 211.00 379.80	49.38
23 33 13 19-0029 EA 18" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	874.59 214.37 385.87	53.27
23 33 13 19-0030 EA 20" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	739.01 190.85 343.52	34.29
23 33 13 19-0031 EA 20" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	765.34 195.32 351.57	38.18
23 33 13 19-0032 EA 20" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	791.71 199.80 359.63	41.84
23 33 13 19-0033 EA 20" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	833.09 208.78 375.81	45.72
23 33 13 19-0034 EA 20" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	855.70 212.14 381.84	49.38
23 33 13 19-0035 EA 20" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	878.31 215.49 387.88	53.27
23 33 13 19-0036 EA 20" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	904.69 219.97 395.95	57.15
23 33 13 19-0037 EA 20" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	931.02 224.44 404.00	60.81
23 33 13 19-0038 EA 24" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	758.45 193.25 347.85	38.18
23 33 13 19-0039 EA 24" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	784.99 197.78 356.01	41.84
23 33 13 19-0040 EA 24" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	806.52 200.81 361.46	45.72
23 33 13 19-0041 EA 24" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	833.01 205.33 369.59	49.38
23 33 13 19-0042 EA 24" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	852.00 207.59 373.67	53.27
23 33 13 19-0043 EA 24" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	870.96 209.85 377.74	57.15
23 33 13 19-0044 EA 24" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	897.48 214.38 385.88	60.81
23 33 13 19-0045 EA 24" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	935.42 218.90 394.03	68.58
23 33 13 19-0046 EA 24" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	978.41 224.94 404.90	76.13
23 33 13 19-0047 EA 28" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	784.99 197.78 356.01	41.84
23 33 13 19-0048 EA 28" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	806.52 200.81 361.46	45.72
23 33 13 19-0049 EA 28" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	833.01 205.33 369.59	49.38
23 33 13 19-0050 EA 28" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	854.51 208.35 375.02	53.27
23 33 13 19-0051 EA 28" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	878.52 212.12 381.82	57.15
23 33 13 19-0052 EA 28" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	902.49 215.88 388.59	60.81
23 33 13 19-0053 EA 28" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	940.44 220.41 396.74	68.58
23 33 13 19-0054 EA 28" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	978.41 224.94 404.90	76.13
23 33 13 19-0055 EA 28" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,020.01 233.99 421.19	80.01

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0056	EA	28" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,068.03	87.56
			<i>For 3 Hour Rated, Add</i>	241.54	
			<i>For Dynamic Damper, Add</i>	434.78	
23 33 13	19-0057	EA	32" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	821.58	45.72
			<i>For 3 Hour Rated, Add</i>	205.33	
			<i>For Dynamic Damper, Add</i>	369.59	
23 33 13	19-0058	EA	32" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	838.02	49.38
			<i>For 3 Hour Rated, Add</i>	206.83	
			<i>For Dynamic Damper, Add</i>	372.30	
23 33 13	19-0059	EA	32" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	854.51	53.27
			<i>For 3 Hour Rated, Add</i>	208.35	
			<i>For Dynamic Damper, Add</i>	375.02	
23 33 13	19-0060	EA	32" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	875.98	57.15
			<i>For 3 Hour Rated, Add</i>	211.36	
			<i>For Dynamic Damper, Add</i>	380.45	
23 33 13	19-0061	EA	32" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	903.43	60.81
			<i>For 3 Hour Rated, Add</i>	216.17	
			<i>For Dynamic Damper, Add</i>	389.10	
23 33 13	19-0062	EA	32" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	940.44	68.58
			<i>For 3 Hour Rated, Add</i>	220.41	
			<i>For Dynamic Damper, Add</i>	396.74	
23 33 13	19-0063	EA	32" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	983.47	76.13
			<i>For 3 Hour Rated, Add</i>	226.46	
			<i>For Dynamic Damper, Add</i>	407.63	
23 33 13	19-0064	EA	32" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,026.46	83.66
			<i>For 3 Hour Rated, Add</i>	232.50	
			<i>For Dynamic Damper, Add</i>	418.50	
23 33 13	19-0065	EA	32" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,068.03	87.56
			<i>For 3 Hour Rated, Add</i>	241.54	
			<i>For Dynamic Damper, Add</i>	434.78	
23 33 13	19-0066	EA	32" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,121.56	93.73
			<i>For 3 Hour Rated, Add</i>	252.12	
			<i>For Dynamic Damper, Add</i>	453.81	
23 33 13	19-0067	EA	32" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,177.76	98.98
			<i>For 3 Hour Rated, Add</i>	264.18	
			<i>For Dynamic Damper, Add</i>	475.52	
23 33 13	19-0068	EA	36" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	863.84	49.38
			<i>For 3 Hour Rated, Add</i>	214.58	
			<i>For Dynamic Damper, Add</i>	386.24	
23 33 13	19-0069	EA	36" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	886.19	53.27
			<i>For 3 Hour Rated, Add</i>	217.85	
			<i>For Dynamic Damper, Add</i>	392.13	
23 33 13	19-0070	EA	36" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	908.55	57.15
			<i>For 3 Hour Rated, Add</i>	221.13	
			<i>For Dynamic Damper, Add</i>	398.03	
23 33 13	19-0071	EA	36" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	936.41	60.81
			<i>For 3 Hour Rated, Add</i>	226.06	
			<i>For Dynamic Damper, Add</i>	406.91	
23 33 13	19-0072	EA	36" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	967.50	68.58
			<i>For 3 Hour Rated, Add</i>	228.53	
			<i>For Dynamic Damper, Add</i>	411.35	
23 33 13	19-0073	EA	36" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	987.12	72.24
			<i>For 3 Hour Rated, Add</i>	230.99	
			<i>For Dynamic Damper, Add</i>	415.77	
23 33 13	19-0074	EA	36" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,048.77	83.66
			<i>For 3 Hour Rated, Add</i>	239.19	
			<i>For Dynamic Damper, Add</i>	430.55	
23 33 13	19-0075	EA	36" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,098.92	91.44
			<i>For 3 Hour Rated, Add</i>	247.38	
			<i>For Dynamic Damper, Add</i>	445.28	
23 33 13	19-0076	EA	36" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,140.87	94.41
			<i>For 3 Hour Rated, Add</i>	257.22	
			<i>For Dynamic Damper, Add</i>	463.00	
23 33 13	19-0077	EA	36" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,205.19	101.27
			<i>For 3 Hour Rated, Add</i>	270.35	
			<i>For Dynamic Damper, Add</i>	486.63	
23 33 13	19-0078	EA	36" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,259.42	106.52
			<i>For 3 Hour Rated, Add</i>	281.82	
			<i>For Dynamic Damper, Add</i>	507.27	
23 33 13	19-0079	EA	36" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,314.60	110.41
			<i>For 3 Hour Rated, Add</i>	294.94	
			<i>For Dynamic Damper, Add</i>	530.90	
23 33 13	19-0080	EA	40" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,374.37	57.15
			<i>For 3 Hour Rated, Add</i>	364.31	
			<i>For Dynamic Damper, Add</i>	655.75	
23 33 13	19-0081	EA	40" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,415.11	60.81
			<i>For 3 Hour Rated, Add</i>	373.10	
			<i>For Dynamic Damper, Add</i>	671.58	
23 33 13	19-0082	EA	40" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,433.91	64.70
			<i>For 3 Hour Rated, Add</i>	375.31	
			<i>For Dynamic Damper, Add</i>	675.56	
23 33 13	19-0083	EA	40" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,452.70	68.58
			<i>For 3 Hour Rated, Add</i>	377.52	
			<i>For Dynamic Damper, Add</i>	679.53	
23 33 13	19-0084	EA	40" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	1,501.24	72.24
			<i>For 3 Hour Rated, Add</i>	385.22	
			<i>For Dynamic Damper, Add</i>	693.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0085	EA		40" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,538.40 392.94 707.29	76.13
23 33 13 19-0086	EA		40" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,602.05 401.75 723.15	87.56
23 33 13 19-0087	EA		40" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,654.23 410.54 738.98	95.09
23 33 13 19-0088	EA		40" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,716.59 423.77 762.78	101.27
23 33 13 19-0089	EA		40" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,813.27 447.97 806.35	106.52
23 33 13 19-0090	EA		40" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,875.56 461.17 830.11	112.70
23 33 13 19-0091	EA		40" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,965.48 485.40 873.73	115.67
23 33 13 19-0092	EA		40" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,057.16 507.42 913.36	121.84
23 33 13 19-0093	EA		44" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,400.48 368.71 663.68	57.15
23 33 13 19-0094	EA		44" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,441.27 377.52 679.53	60.81
23 33 13 19-0095	EA		44" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,474.74 384.13 691.43	64.70
23 33 13 19-0096	EA		44" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,493.54 386.34 695.41	68.58
23 33 13 19-0097	EA		44" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,534.33 395.15 711.27	72.24
23 33 13 19-0098	EA		44" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,575.08 403.94 727.10	76.13
23 33 13 19-0099	EA		44" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,657.52 414.96 746.93	91.44
23 33 13 19-0100	EA		44" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,717.01 425.95 766.71	98.98
23 33 13 19-0101	EA		44" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,813.27 447.97 806.35	106.52
23 33 13 19-0102	EA		44" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,902.17 467.78 842.01	114.29
23 33 13 19-0103	EA		44" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,998.39 489.79 881.63	121.84
23 33 13 19-0104	EA		44" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,075.87 509.61 917.29	125.50
23 33 13 19-0105	EA		44" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,153.38 529.43 952.98	129.38
23 33 13 19-0106	EA		44" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,230.90 549.26 988.66	133.27
23 33 13 19-0107	EA		48" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,433.91 375.31 675.56	60.81
23 33 13 19-0108	EA		48" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,474.74 384.13 691.43	64.70
23 33 13 19-0109	EA		48" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,493.54 386.34 695.41	68.58
23 33 13 19-0110	EA		48" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,538.40 392.94 707.29	76.13
23 33 13 19-0111	EA		48" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,590.62 401.75 723.15	83.66
23 33 13 19-0112	EA		48" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,642.80 410.54 738.98	91.44
23 33 13 19-0113	EA		48" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,709.73 423.77 762.78	98.98

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0114	EA	48" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,776.59	106.52
			<i>For 3 Hour Rated, Add</i>	436.97	
			<i>For Dynamic Damper, Add</i>	786.54	
23 33 13	19-0115	EA	48" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,865.49	114.29
			<i>For 3 Hour Rated, Add</i>	456.78	
			<i>For Dynamic Damper, Add</i>	822.20	
23 33 13	19-0116	EA	48" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,969.03	121.84
			<i>For 3 Hour Rated, Add</i>	480.98	
			<i>For Dynamic Damper, Add</i>	865.77	
23 33 13	19-0117	EA	48" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,046.59	125.50
			<i>For 3 Hour Rated, Add</i>	500.82	
			<i>For Dynamic Damper, Add</i>	901.48	
23 33 13	19-0118	EA	48" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,146.02	129.38
			<i>For 3 Hour Rated, Add</i>	527.22	
			<i>For Dynamic Damper, Add</i>	949.00	
23 33 13	19-0119	EA	48" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,234.97	136.93
			<i>For 3 Hour Rated, Add</i>	547.05	
			<i>For Dynamic Damper, Add</i>	984.69	
23 33 13	19-0120	EA	48" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,334.48	140.81
			<i>For 3 Hour Rated, Add</i>	573.47	
			<i>For Dynamic Damper, Add</i>	1,032.25	
23 33 13	19-0121	EA	48" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,427.45	152.24
			<i>For 3 Hour Rated, Add</i>	591.08	
			<i>For Dynamic Damper, Add</i>	1,063.94	
23 33 13	19-0122	EA	52" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,467.38	64.70
			<i>For 3 Hour Rated, Add</i>	381.92	
			<i>For Dynamic Damper, Add</i>	687.46	
23 33 13	19-0123	EA	52" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,508.17	68.58
			<i>For 3 Hour Rated, Add</i>	390.73	
			<i>For Dynamic Damper, Add</i>	703.31	
23 33 13	19-0124	EA	52" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,560.39	76.13
			<i>For 3 Hour Rated, Add</i>	399.54	
			<i>For Dynamic Damper, Add</i>	719.17	
23 33 13	19-0125	EA	52" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,590.62	83.66
			<i>For 3 Hour Rated, Add</i>	401.75	
			<i>For Dynamic Damper, Add</i>	723.15	
23 33 13	19-0126	EA	52" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,646.52	91.44
			<i>For 3 Hour Rated, Add</i>	411.66	
			<i>For Dynamic Damper, Add</i>	740.99	
23 33 13	19-0127	EA	52" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,702.37	98.98
			<i>For 3 Hour Rated, Add</i>	421.56	
			<i>For Dynamic Damper, Add</i>	758.81	
23 33 13	19-0128	EA	52" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,769.27	106.52
			<i>For 3 Hour Rated, Add</i>	434.77	
			<i>For Dynamic Damper, Add</i>	782.59	
23 33 13	19-0129	EA	52" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,836.13	114.29
			<i>For 3 Hour Rated, Add</i>	447.97	
			<i>For Dynamic Damper, Add</i>	806.35	
23 33 13	19-0130	EA	52" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,925.03	121.84
			<i>For 3 Hour Rated, Add</i>	467.78	
			<i>For Dynamic Damper, Add</i>	842.01	
23 33 13	19-0131	EA	52" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,035.98	129.38
			<i>For 3 Hour Rated, Add</i>	494.21	
			<i>For Dynamic Damper, Add</i>	889.58	
23 33 13	19-0132	EA	52" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,120.72	133.27
			<i>For 3 Hour Rated, Add</i>	516.20	
			<i>For Dynamic Damper, Add</i>	929.17	
23 33 13	19-0133	EA	52" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,227.65	136.93
			<i>For 3 Hour Rated, Add</i>	544.85	
			<i>For Dynamic Damper, Add</i>	980.74	
23 33 13	19-0134	EA	52" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,338.50	144.70
			<i>For 3 Hour Rated, Add</i>	571.25	
			<i>For Dynamic Damper, Add</i>	1,028.25	
23 33 13	19-0135	EA	52" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,427.45	152.24
			<i>For 3 Hour Rated, Add</i>	591.08	
			<i>For Dynamic Damper, Add</i>	1,063.94	
23 33 13	19-0136	EA	52" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,549.78	163.67
			<i>For 3 Hour Rated, Add</i>	617.49	
			<i>For Dynamic Damper, Add</i>	1,111.48	
23 33 13	19-0137	EA	52" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	2,646.05	171.22
			<i>For 3 Hour Rated, Add</i>	639.51	
			<i>For Dynamic Damper, Add</i>	1,151.12	
23 33 13	19-0138	EA	56" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,493.54	68.58
			<i>For 3 Hour Rated, Add</i>	386.34	
			<i>For Dynamic Damper, Add</i>	695.41	
23 33 13	19-0139	EA	56" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,553.03	76.13
			<i>For 3 Hour Rated, Add</i>	397.33	
			<i>For Dynamic Damper, Add</i>	715.19	
23 33 13	19-0140	EA	56" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,597.94	83.66
			<i>For 3 Hour Rated, Add</i>	403.94	
			<i>For Dynamic Damper, Add</i>	727.10	
23 33 13	19-0141	EA	56" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,628.11	91.44
			<i>For 3 Hour Rated, Add</i>	406.14	
			<i>For Dynamic Damper, Add</i>	731.05	
23 33 13	19-0142	EA	56" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated.....	1,691.37	98.98
			<i>For 3 Hour Rated, Add</i>	418.26	
			<i>For Dynamic Damper, Add</i>	752.87	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0143 EA 56" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,754.59 430.37 774.66	106.52
23 33 13 19-0144 EA 56" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,817.77 442.46 796.44	114.29
23 33 13 19-0145 EA 56" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,880.99 454.57 818.23	121.84
23 33 13 19-0146 EA 56" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,991.89 480.98 865.77	129.38
23 33 13 19-0147 EA 56" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,091.45 507.42 913.36	133.27
23 33 13 19-0148 EA 56" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,183.56 531.63 956.93	136.93
23 33 13 19-0149 EA 56" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,309.19 562.46 1,012.42	144.70
23 33 13 19-0150 EA 56" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,420.09 588.87 1,059.97	152.24
23 33 13 19-0151 EA 56" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,538.36 617.49 1,111.48	159.79
23 33 13 19-0152 EA 56" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,634.62 639.51 1,151.12	167.56
23 33 13 19-0153 EA 56" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,752.88 668.13 1,202.64	175.10
23 33 13 19-0154 EA 56" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,871.15 696.76 1,254.16	182.65
23 33 13 19-0155 EA 60" x 6" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,538.40 392.94 707.29	76.13
23 33 13 19-0156 EA 60" x 8" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,597.94 403.94 727.10	83.66
23 33 13 19-0157 EA 60" x 10" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,635.48 408.35 735.03	91.44
23 33 13 19-0158 EA 60" x 12" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,665.65 410.54 738.98	98.98
23 33 13 19-0159 EA 60" x 14" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,732.59 423.77 762.78	106.52
23 33 13 19-0160 EA 60" x 16" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,799.45 436.97 786.54	114.29
23 33 13 19-0161 EA 60" x 18" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,869.99 451.27 812.29	121.84
23 33 13 19-0162 EA 60" x 20" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,940.57 465.59 838.06	129.38
23 33 13 19-0163 EA 60" x 24" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,047.41 494.21 889.58	133.27
23 33 13 19-0164 EA 60" x 28" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,146.88 520.62 937.12	136.93
23 33 13 19-0165 EA 60" x 32" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,265.19 549.26 988.66	144.70
23 33 13 19-0166 EA 60" x 36" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,383.45 577.88 1,040.18	152.24
23 33 13 19-0167 EA 60" x 40" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,479.68 599.89 1,079.79	159.79
23 33 13 19-0168 EA 60" x 44" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,619.94 635.11 1,143.20	167.56
23 33 13 19-0169 EA 60" x 48" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,745.56 665.94 1,198.69	175.10
23 33 13 19-0170 EA 60" x 52" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,871.15 696.76 1,254.16	182.65
23 33 13 19-0171 EA 60" x 56" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated..... <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	2,982.00 723.15 1,301.68	190.42

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 33 Air Duct Accessories



MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 33 13 19-0172	EA	60" x 60" Louver Type Combination Fire/Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	3,093.04	197.96
		<i>For 3 Hour Rated, Add</i>	749.61	
		<i>For Dynamic Damper, Add</i>	1,349.29	
23 33 13 19-0173		Smoke Damper <small>(23 33 13 19)</small>		
		Note: Leakage class I with Firestat UL 555S air foil blades.		
23 33 13 19-0174	EA	6" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	139.13	16.92
		<i>For 3 Hour Rated, Add</i>	26.52	
		<i>For Dynamic Damper, Add</i>	47.73	
23 33 13 19-0175	EA	8" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	143.65	17.68
		<i>For 3 Hour Rated, Add</i>	27.18	
		<i>For Dynamic Damper, Add</i>	48.93	
23 33 13 19-0176	EA	8" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.20	17.83
		<i>For 3 Hour Rated, Add</i>	27.86	
		<i>For Dynamic Damper, Add</i>	50.14	
23 33 13 19-0177	EA	10" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	146.20	17.83
		<i>For 3 Hour Rated, Add</i>	27.86	
		<i>For Dynamic Damper, Add</i>	50.14	
23 33 13 19-0178	EA	10" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	149.96	18.29
		<i>For 3 Hour Rated, Add</i>	28.53	
		<i>For Dynamic Damper, Add</i>	51.35	
23 33 13 19-0179	EA	10" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	160.52	20.27
		<i>For 3 Hour Rated, Add</i>	29.87	
		<i>For Dynamic Damper, Add</i>	53.76	
23 33 13 19-0180	EA	12" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	149.96	18.29
		<i>For 3 Hour Rated, Add</i>	28.53	
		<i>For Dynamic Damper, Add</i>	51.35	
23 33 13 19-0181	EA	12" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	157.47	19.35
		<i>For 3 Hour Rated, Add</i>	29.87	
		<i>For Dynamic Damper, Add</i>	53.76	
23 33 13 19-0182	EA	12" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.77	20.27
		<i>For 3 Hour Rated, Add</i>	30.54	
		<i>For Dynamic Damper, Add</i>	54.98	
23 33 13 19-0183	EA	12" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	172.62	22.86
		<i>For 3 Hour Rated, Add</i>	31.21	
		<i>For Dynamic Damper, Add</i>	56.18	
23 33 13 19-0184	EA	14" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	156.36	19.35
		<i>For 3 Hour Rated, Add</i>	29.54	
		<i>For Dynamic Damper, Add</i>	53.16	
23 33 13 19-0185	EA	14" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	162.77	20.27
		<i>For 3 Hour Rated, Add</i>	30.54	
		<i>For Dynamic Damper, Add</i>	54.98	
23 33 13 19-0186	EA	14" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	168.04	21.33
		<i>For 3 Hour Rated, Add</i>	31.21	
		<i>For Dynamic Damper, Add</i>	56.18	
23 33 13 19-0187	EA	14" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	174.87	22.86
		<i>For 3 Hour Rated, Add</i>	31.89	
		<i>For Dynamic Damper, Add</i>	57.40	
23 33 13 19-0188	EA	14" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	188.08	25.45
		<i>For 3 Hour Rated, Add</i>	33.56	
		<i>For Dynamic Damper, Add</i>	60.42	
23 33 13 19-0189	EA	16" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	244.27	20.27
		<i>For 3 Hour Rated, Add</i>	54.99	
		<i>For Dynamic Damper, Add</i>	98.99	
23 33 13 19-0190	EA	16" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	251.07	21.79
		<i>For 3 Hour Rated, Add</i>	55.66	
		<i>For Dynamic Damper, Add</i>	100.19	
23 33 13 19-0191	EA	16" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	259.41	23.92
		<i>For 3 Hour Rated, Add</i>	56.34	
		<i>For Dynamic Damper, Add</i>	101.41	
23 33 13 19-0192	EA	16" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	266.21	25.45
		<i>For 3 Hour Rated, Add</i>	57.00	
		<i>For Dynamic Damper, Add</i>	102.61	
23 33 13 19-0193	EA	16" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	279.45	27.88
		<i>For 3 Hour Rated, Add</i>	58.69	
		<i>For Dynamic Damper, Add</i>	105.64	
23 33 13 19-0194	EA	16" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	292.66	30.48
		<i>For 3 Hour Rated, Add</i>	60.37	
		<i>For Dynamic Damper, Add</i>	108.66	
23 33 13 19-0195	EA	18" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	249.54	21.33
		<i>For 3 Hour Rated, Add</i>	55.66	
		<i>For Dynamic Damper, Add</i>	100.19	
23 33 13 19-0196	EA	18" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	257.48	22.86
		<i>For 3 Hour Rated, Add</i>	56.67	
		<i>For Dynamic Damper, Add</i>	102.01	
23 33 13 19-0197	EA	18" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	268.47	25.45
		<i>For 3 Hour Rated, Add</i>	57.68	
		<i>For Dynamic Damper, Add</i>	103.83	
23 33 13 19-0198	EA	18" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	281.69	27.88
		<i>For 3 Hour Rated, Add</i>	59.36	
		<i>For Dynamic Damper, Add</i>	106.85	
23 33 13 19-0199	EA	18" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	293.77	30.48
		<i>For 3 Hour Rated, Add</i>	60.70	
		<i>For Dynamic Damper, Add</i>	109.26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0200 EA 18" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	306.99 62.38 112.29	32.92
23 33 13 19-0201 EA 18" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	317.97 63.39 114.10	35.50
23 33 13 19-0202 EA 20" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	256.37 56.34 101.41	22.86
23 33 13 19-0203 EA 20" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	268.46 57.68 103.82	25.45
23 33 13 19-0204 EA 20" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	280.56 59.02 106.24	27.88
23 33 13 19-0205 EA 20" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	297.15 61.71 111.08	30.48
23 33 13 19-0206 EA 20" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	308.11 62.72 112.89	32.92
23 33 13 19-0207 EA 20" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	319.09 63.73 114.71	35.50
23 33 13 19-0208 EA 20" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	331.18 65.07 117.12	38.10
23 33 13 19-0209 EA 20" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	343.26 66.41 119.53	40.54
23 33 13 19-0210 EA 24" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	335.89 77.91 140.23	25.45
23 33 13 19-0211 EA 24" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	350.24 79.93 143.87	27.88
23 33 13 19-0212 EA 24" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	362.35 81.27 146.29	30.48
23 33 13 19-0213 EA 24" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	376.67 83.29 149.91	32.92
23 33 13 19-0214 EA 24" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	387.65 84.29 151.73	35.50
23 33 13 19-0215 EA 24" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	398.61 85.30 153.53	38.10
23 33 13 19-0216 EA 24" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	412.95 87.31 157.16	40.54
23 33 13 19-0217 EA 24" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	434.90 89.33 160.79	45.72
23 33 13 19-0218 EA 24" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	459.11 92.02 165.63	50.74
23 33 13 19-0219 EA 28" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	350.24 79.93 143.87	27.88
23 33 13 19-0220 EA 28" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	362.35 81.27 146.29	30.48
23 33 13 19-0221 EA 28" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	376.67 83.29 149.91	32.92
23 33 13 19-0222 EA 28" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	388.76 84.63 152.33	35.50
23 33 13 19-0223 EA 28" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	401.97 86.30 155.35	38.10
23 33 13 19-0224 EA 28" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	415.18 87.98 158.37	40.54
23 33 13 19-0225 EA 28" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	437.14 90.00 161.99	45.72
23 33 13 19-0226 EA 28" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	459.11 92.02 165.63	50.74
23 33 13 19-0227 EA 28" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	480.15 96.04 172.87	53.34
23 33 13 19-0228 EA 28" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	506.59 99.40 178.92	58.36

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0229	EA	32" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	369.06	30.48
			<i>For 3 Hour Rated, Add</i>	83.29	
			<i>For Dynamic Damper, Add</i>	149.91	
23 33 13	19-0230	EA	32" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	378.89	32.92
			<i>For 3 Hour Rated, Add</i>	83.95	
			<i>For Dynamic Damper, Add</i>	151.11	
23 33 13	19-0231	EA	32" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	388.76	35.50
			<i>For 3 Hour Rated, Add</i>	84.63	
			<i>For Dynamic Damper, Add</i>	152.33	
23 33 13	19-0232	EA	32" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	400.84	38.10
			<i>For 3 Hour Rated, Add</i>	85.97	
			<i>For Dynamic Damper, Add</i>	154.74	
23 33 13	19-0233	EA	32" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	415.60	40.54
			<i>For 3 Hour Rated, Add</i>	88.11	
			<i>For Dynamic Damper, Add</i>	158.59	
23 33 13	19-0234	EA	32" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	437.14	45.72
			<i>For 3 Hour Rated, Add</i>	90.00	
			<i>For Dynamic Damper, Add</i>	161.99	
23 33 13	19-0235	EA	32" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	461.34	50.74
			<i>For 3 Hour Rated, Add</i>	92.69	
			<i>For Dynamic Damper, Add</i>	166.83	
23 33 13	19-0236	EA	32" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	485.56	55.78
			<i>For 3 Hour Rated, Add</i>	95.38	
			<i>For Dynamic Damper, Add</i>	171.68	
23 33 13	19-0237	EA	32" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.59	58.36
			<i>For 3 Hour Rated, Add</i>	99.40	
			<i>For Dynamic Damper, Add</i>	178.92	
23 33 13	19-0238	EA	32" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	534.45	62.48
			<i>For 3 Hour Rated, Add</i>	104.10	
			<i>For Dynamic Damper, Add</i>	187.39	
23 33 13	19-0239	EA	32" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	563.03	65.98
			<i>For 3 Hour Rated, Add</i>	109.47	
			<i>For Dynamic Damper, Add</i>	197.05	
23 33 13	19-0240	EA	36" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	387.22	32.92
			<i>For 3 Hour Rated, Add</i>	86.45	
			<i>For Dynamic Damper, Add</i>	155.61	
23 33 13	19-0241	EA	36" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	399.52	35.50
			<i>For 3 Hour Rated, Add</i>	87.86	
			<i>For Dynamic Damper, Add</i>	158.14	
23 33 13	19-0242	EA	36" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	411.81	38.10
			<i>For 3 Hour Rated, Add</i>	89.26	
			<i>For Dynamic Damper, Add</i>	160.66	
23 33 13	19-0243	EA	36" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	426.48	40.54
			<i>For 3 Hour Rated, Add</i>	91.37	
			<i>For Dynamic Damper, Add</i>	164.47	
23 33 13	19-0244	EA	36" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	445.25	45.72
			<i>For 3 Hour Rated, Add</i>	92.43	
			<i>For Dynamic Damper, Add</i>	166.37	
23 33 13	19-0245	EA	36" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	456.39	48.16
			<i>For 3 Hour Rated, Add</i>	93.49	
			<i>For Dynamic Damper, Add</i>	168.27	
23 33 13	19-0246	EA	36" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	490.98	55.78
			<i>For 3 Hour Rated, Add</i>	97.00	
			<i>For Dynamic Damper, Add</i>	174.60	
23 33 13	19-0247	EA	36" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	517.93	60.96
			<i>For 3 Hour Rated, Add</i>	100.52	
			<i>For Dynamic Damper, Add</i>	180.93	
23 33 13	19-0248	EA	36" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	538.10	62.94
			<i>For 3 Hour Rated, Add</i>	104.74	
			<i>For Dynamic Damper, Add</i>	188.53	
23 33 13	19-0249	EA	36" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	570.55	67.51
			<i>For 3 Hour Rated, Add</i>	110.36	
			<i>For Dynamic Damper, Add</i>	198.65	
23 33 13	19-0250	EA	36" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	597.65	71.02
			<i>For 3 Hour Rated, Add</i>	115.29	
			<i>For Dynamic Damper, Add</i>	207.52	
23 33 13	19-0251	EA	36" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	624.03	73.61
			<i>For 3 Hour Rated, Add</i>	120.92	
			<i>For Dynamic Damper, Add</i>	217.65	
23 33 13	19-0252	EA	40" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	446.07	38.10
			<i>For 3 Hour Rated, Add</i>	101.82	
			<i>For Dynamic Damper, Add</i>	183.28	
23 33 13	19-0253	EA	40" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	463.06	40.54
			<i>For 3 Hour Rated, Add</i>	104.63	
			<i>For Dynamic Damper, Add</i>	188.34	
23 33 13	19-0254	EA	40" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	473.03	43.12
			<i>For 3 Hour Rated, Add</i>	105.34	
			<i>For Dynamic Damper, Add</i>	189.60	
23 33 13	19-0255	EA	40" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	483.00	45.72
			<i>For 3 Hour Rated, Add</i>	106.04	
			<i>For Dynamic Damper, Add</i>	190.87	
23 33 13	19-0256	EA	40" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	506.45	48.16
			<i>For 3 Hour Rated, Add</i>	108.50	
			<i>For Dynamic Damper, Add</i>	195.31	
23 33 13	19-0257	EA	40" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	522.29	50.74
			<i>For 3 Hour Rated, Add</i>	110.97	
			<i>For Dynamic Damper, Add</i>	199.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0258 EA 40" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	554.53 113.78 204.81	58.36
23 33 13 19-0259 EA 40" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	579.16 116.60 209.88	63.40
23 33 13 19-0260 EA 40" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	605.40 120.82 217.47	67.51
23 33 13 19-0261 EA 40" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	641.87 128.55 231.40	71.02
23 33 13 19-0262 EA 40" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	668.11 132.77 238.98	75.13
23 33 13 19-0263 EA 40" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	700.00 140.51 252.91	77.11
23 33 13 19-0264 EA 40" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	735.66 147.55 265.58	81.23
23 33 13 19-0265 EA 44" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	458.38 103.23 185.81	38.10
23 33 13 19-0266 EA 44" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	475.38 106.04 190.87	40.54
23 33 13 19-0267 EA 44" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	490.05 108.16 194.68	43.12
23 33 13 19-0268 EA 44" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	500.02 108.86 195.95	45.72
23 33 13 19-0269 EA 44" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	517.01 111.67 201.01	48.16
23 33 13 19-0270 EA 44" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	534.01 114.49 206.07	50.74
23 33 13 19-0271 EA 44" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	576.23 118.01 212.41	60.96
23 33 13 19-0272 EA 44" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	603.18 121.52 218.73	65.98
23 33 13 19-0273 EA 44" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	641.87 128.55 231.40	71.02
23 33 13 19-0274 EA 44" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	678.22 134.89 242.79	76.20
23 33 13 19-0275 EA 44" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	716.88 141.91 255.44	81.23
23 33 13 19-0276 EA 44" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	745.61 148.25 266.84	83.66
23 33 13 19-0277 EA 44" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	774.34 154.58 278.24	86.26
23 33 13 19-0278 EA 44" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	803.07 160.91 289.64	88.85
23 33 13 19-0279 EA 48" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	473.03 105.34 189.60	40.54
23 33 13 19-0280 EA 48" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	490.05 108.16 194.68	43.12
23 33 13 19-0281 EA 48" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	500.02 108.86 195.95	45.72
23 33 13 19-0282 EA 48" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	522.29 110.97 199.75	50.74
23 33 13 19-0283 EA 48" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	546.91 113.78 204.81	55.78
23 33 13 19-0284 EA 48" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	571.54 116.60 209.88	60.96
23 33 13 19-0285 EA 48" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	600.84 120.82 217.47	65.98
23 33 13 19-0286 EA 48" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	630.13 125.03 225.06	71.02

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13	19-0287	EA	48" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	666.48	76.20
			<i>For 3 Hour Rated, Add</i>	131.36	
			<i>For Dynamic Damper, Add</i>	236.46	
23 33 13	19-0288	EA	48" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	707.51	81.23
			<i>For 3 Hour Rated, Add</i>	139.10	
			<i>For Dynamic Damper, Add</i>	250.38	
23 33 13	19-0289	EA	48" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	736.25	83.66
			<i>For 3 Hour Rated, Add</i>	145.44	
			<i>For Dynamic Damper, Add</i>	261.79	
23 33 13	19-0290	EA	48" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	771.99	86.26
			<i>For 3 Hour Rated, Add</i>	153.87	
			<i>For Dynamic Damper, Add</i>	276.97	
23 33 13	19-0291	EA	48" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	808.34	91.28
			<i>For 3 Hour Rated, Add</i>	160.21	
			<i>For Dynamic Damper, Add</i>	288.37	
23 33 13	19-0292	EA	48" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	844.09	93.88
			<i>For 3 Hour Rated, Add</i>	168.65	
			<i>For Dynamic Damper, Add</i>	303.56	
23 33 13	19-0293	EA	48" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	885.71	101.50
			<i>For 3 Hour Rated, Add</i>	174.28	
			<i>For Dynamic Damper, Add</i>	313.70	
23 33 13	19-0294	EA	52" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	487.71	43.12
			<i>For 3 Hour Rated, Add</i>	107.45	
			<i>For Dynamic Damper, Add</i>	193.42	
23 33 13	19-0295	EA	52" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	504.70	45.72
			<i>For 3 Hour Rated, Add</i>	110.27	
			<i>For Dynamic Damper, Add</i>	198.48	
23 33 13	19-0296	EA	52" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	529.31	50.74
			<i>For 3 Hour Rated, Add</i>	113.08	
			<i>For Dynamic Damper, Add</i>	203.54	
23 33 13	19-0297	EA	52" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	546.91	55.78
			<i>For 3 Hour Rated, Add</i>	113.78	
			<i>For Dynamic Damper, Add</i>	204.81	
23 33 13	19-0298	EA	52" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	572.71	60.96
			<i>For 3 Hour Rated, Add</i>	116.95	
			<i>For Dynamic Damper, Add</i>	210.51	
23 33 13	19-0299	EA	52" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	598.50	65.98
			<i>For 3 Hour Rated, Add</i>	120.11	
			<i>For Dynamic Damper, Add</i>	216.21	
23 33 13	19-0300	EA	52" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	627.80	71.02
			<i>For 3 Hour Rated, Add</i>	124.33	
			<i>For Dynamic Damper, Add</i>	223.80	
23 33 13	19-0301	EA	52" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	657.11	76.20
			<i>For 3 Hour Rated, Add</i>	128.55	
			<i>For Dynamic Damper, Add</i>	231.40	
23 33 13	19-0302	EA	52" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	693.46	81.23
			<i>For 3 Hour Rated, Add</i>	134.89	
			<i>For Dynamic Damper, Add</i>	242.79	
23 33 13	19-0303	EA	52" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	736.82	86.26
			<i>For 3 Hour Rated, Add</i>	143.32	
			<i>For Dynamic Damper, Add</i>	257.98	
23 33 13	19-0304	EA	52" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	767.88	88.85
			<i>For 3 Hour Rated, Add</i>	150.35	
			<i>For Dynamic Damper, Add</i>	270.64	
23 33 13	19-0305	EA	52" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	805.99	91.28
			<i>For 3 Hour Rated, Add</i>	159.50	
			<i>For Dynamic Damper, Add</i>	287.10	
23 33 13	19-0306	EA	52" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	849.35	96.47
			<i>For 3 Hour Rated, Add</i>	167.94	
			<i>For Dynamic Damper, Add</i>	302.29	
23 33 13	19-0307	EA	52" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	885.71	101.50
			<i>For 3 Hour Rated, Add</i>	174.28	
			<i>For Dynamic Damper, Add</i>	313.70	
23 33 13	19-0308	EA	52" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	936.70	109.12
			<i>For 3 Hour Rated, Add</i>	182.72	
			<i>For Dynamic Damper, Add</i>	328.89	
23 33 13	19-0309	EA	52" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	975.40	114.14
			<i>For 3 Hour Rated, Add</i>	189.75	
			<i>For Dynamic Damper, Add</i>	341.56	
23 33 13	19-0310	EA	56" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	500.02	45.72
			<i>For 3 Hour Rated, Add</i>	108.86	
			<i>For Dynamic Damper, Add</i>	195.95	
23 33 13	19-0311	EA	56" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	526.96	50.74
			<i>For 3 Hour Rated, Add</i>	112.37	
			<i>For Dynamic Damper, Add</i>	202.27	
23 33 13	19-0312	EA	56" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	549.26	55.78
			<i>For 3 Hour Rated, Add</i>	114.49	
			<i>For Dynamic Damper, Add</i>	206.07	
23 33 13	19-0313	EA	56" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	566.83	60.96
			<i>For 3 Hour Rated, Add</i>	115.19	
			<i>For Dynamic Damper, Add</i>	207.33	
23 33 13	19-0314	EA	56" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	594.98	65.98
			<i>For 3 Hour Rated, Add</i>	119.06	
			<i>For Dynamic Damper, Add</i>	214.30	
23 33 13	19-0315	EA	56" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated	623.11	71.02
			<i>For 3 Hour Rated, Add</i>	122.93	
			<i>For Dynamic Damper, Add</i>	221.27	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 19-0316	EA		56" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	651.24 126.79 228.23	76.20
23 33 13 19-0317	EA		56" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	679.38 130.66 235.19	81.23
23 33 13 19-0318	EA		56" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	722.75 139.10 250.38	86.26
23 33 13 19-0319	EA		56" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	758.52 147.55 265.58	88.85
23 33 13 19-0320	EA		56" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	791.93 155.28 279.51	91.28
23 33 13 19-0321	EA		56" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	839.99 165.13 297.23	96.47
23 33 13 19-0322	EA		56" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	883.36 173.57 312.43	101.50
23 33 13 19-0323	EA		56" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	929.08 182.72 328.89	106.52
23 33 13 19-0324	EA		56" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	967.78 189.75 341.56	111.71
23 33 13 19-0325	EA		56" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,013.50 198.90 358.01	116.74
23 33 13 19-0326	EA		56" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,059.22 208.04 374.47	121.76
23 33 13 19-0327	EA		60" x 6" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	522.29 110.97 199.75	50.74
23 33 13 19-0328	EA		60" x 8" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	549.26 114.49 206.07	55.78
23 33 13 19-0329	EA		60" x 10" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	569.17 115.89 208.60	60.96
23 33 13 19-0330	EA		60" x 12" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	586.78 116.60 209.88	65.98
23 33 13 19-0331	EA		60" x 14" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	616.08 120.82 217.47	71.02
23 33 13 19-0332	EA		60" x 16" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	645.37 125.03 225.06	76.20
23 33 13 19-0333	EA		60" x 18" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	675.86 129.61 233.29	81.23
23 33 13 19-0334	EA		60" x 20" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	706.34 134.18 241.52	86.26
23 33 13 19-0335	EA		60" x 24" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	744.44 143.32 257.98	88.85
23 33 13 19-0336	EA		60" x 28" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	780.19 151.76 273.17	91.28
23 33 13 19-0337	EA		60" x 32" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	825.93 160.91 289.64	96.47
23 33 13 19-0338	EA		60" x 36" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	871.64 170.06 306.10	101.50
23 33 13 19-0339	EA		60" x 40" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	910.32 177.09 318.76	106.52
23 33 13 19-0340	EA		60" x 44" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	963.06 188.34 339.01	111.71
23 33 13 19-0341	EA		60" x 48" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,011.13 198.19 356.73	116.74
23 33 13 19-0342	EA		60" x 52" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,059.22 208.04 374.47	121.76
23 33 13 19-0343	EA		60" x 56" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,102.56 216.47 389.65	126.95
23 33 13 19-0344	EA		60" x 60" Louver Type Smoke Damper, Steel Construction, UL Listed, 1-1/2 Hour Rated <i>For 3 Hour Rated, Add</i> <i>For Dynamic Damper, Add</i>	1,145.96 224.92 404.85	131.98

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**23 33 13 23 Backdraft Dampers** (23 33 13)**23 33 13 23-0001 Horizontally Mounted Backdraft Damper** (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Exclude motor pack.

23 33 13 23-0002	EA	6" x 6" Horizontally Mounted Backdraft Damper	115.59	16.92
23 33 13 23-0003	EA	8" x 6" Horizontally Mounted Backdraft Damper	139.48	17.68
23 33 13 23-0004	EA	8" x 8" Horizontally Mounted Backdraft Damper	168.60	17.83
23 33 13 23-0005	EA	10" x 6" Horizontally Mounted Backdraft Damper	161.41	17.83
23 33 13 23-0006	EA	10" x 8" Horizontally Mounted Backdraft Damper	154.35	18.29
23 33 13 23-0007	EA	10" x 10" Horizontally Mounted Backdraft Damper	185.31	20.27
23 33 13 23-0008	EA	12" x 6" Horizontally Mounted Backdraft Damper	144.41	18.29
23 33 13 23-0009	EA	12" x 8" Horizontally Mounted Backdraft Damper	180.34	20.27
23 33 13 23-0010	EA	12" x 10" Horizontally Mounted Backdraft Damper	172.67	21.33
23 33 13 23-0011	EA	12" x 12" Horizontally Mounted Backdraft Damper	199.00	22.86
23 33 13 23-0012	EA	14" x 6" Horizontally Mounted Backdraft Damper	162.37	19.35
23 33 13 23-0013	EA	14" x 8" Horizontally Mounted Backdraft Damper	165.42	21.33
23 33 13 23-0014	EA	14" x 10" Horizontally Mounted Backdraft Damper	195.39	22.86
23 33 13 23-0015	EA	14" x 12" Horizontally Mounted Backdraft Damper	173.74	25.45
23 33 13 23-0016	EA	14" x 14" Horizontally Mounted Backdraft Damper	197.62	27.88
23 33 13 23-0017	EA	16" x 6" Horizontally Mounted Backdraft Damper	180.34	20.27
23 33 13 23-0018	EA	16" x 8" Horizontally Mounted Backdraft Damper	184.50	22.86
23 33 13 23-0019	EA	16" x 10" Horizontally Mounted Backdraft Damper	169.10	25.45
23 33 13 23-0020	EA	16" x 12" Horizontally Mounted Backdraft Damper	187.66	25.45
23 33 13 23-0021	EA	16" x 14" Horizontally Mounted Backdraft Damper	213.88	27.88
23 33 13 23-0022	EA	16" x 16" Horizontally Mounted Backdraft Damper	240.06	30.48
23 33 13 23-0023	EA	18" x 6" Horizontally Mounted Backdraft Damper	161.82	21.33
23 33 13 23-0024	EA	18" x 8" Horizontally Mounted Backdraft Damper	152.17	22.86
23 33 13 23-0025	EA	18" x 10" Horizontally Mounted Backdraft Damper	180.69	25.45
23 33 13 23-0026	EA	18" x 12" Horizontally Mounted Backdraft Damper	209.21	27.88
23 33 13 23-0027	EA	18" x 14" Horizontally Mounted Backdraft Damper	237.72	30.48
23 33 13 23-0028	EA	18" x 16" Horizontally Mounted Backdraft Damper	271.60	32.92
23 33 13 23-0029	EA	18" x 18" Horizontally Mounted Backdraft Damper	308.40	38.10
23 33 13 23-0030	EA	18" x 20" Horizontally Mounted Backdraft Damper	252.72	40.54
23 33 13 23-0031	EA	18" x 24" Horizontally Mounted Backdraft Damper	294.11	45.72
23 33 13 23-0032	EA	20" x 6" Horizontally Mounted Backdraft Damper	177.25	22.86
23 33 13 23-0033	EA	20" x 8" Horizontally Mounted Backdraft Damper	169.10	25.45
23 33 13 23-0034	EA	20" x 10" Horizontally Mounted Backdraft Damper	199.92	27.88
23 33 13 23-0035	EA	20" x 12" Horizontally Mounted Backdraft Damper	230.78	30.48
23 33 13 23-0036	EA	20" x 14" Horizontally Mounted Backdraft Damper	266.81	32.92
23 33 13 23-0037	EA	20" x 16" Horizontally Mounted Backdraft Damper	298.39	35.50
23 33 13 23-0038	EA	20" x 18" Horizontally Mounted Backdraft Damper	252.72	40.54
23 33 13 23-0039	EA	20" x 20" Horizontally Mounted Backdraft Damper	267.25	40.54
23 33 13 23-0040	EA	20" x 24" Horizontally Mounted Backdraft Damper	311.55	45.72
23 33 13 23-0041	EA	20" x 28" Horizontally Mounted Backdraft Damper	355.85	50.74
23 33 13 23-0042	EA	20" x 32" Horizontally Mounted Backdraft Damper	333.73	55.78
23 33 13 23-0043	EA	20" x 36" Horizontally Mounted Backdraft Damper	369.71	60.96
23 33 13 23-0044	EA	24" x 6" Horizontally Mounted Backdraft Damper	159.79	25.45
23 33 13 23-0045	EA	24" x 8" Horizontally Mounted Backdraft Damper	195.28	27.88
23 33 13 23-0046	EA	24" x 10" Horizontally Mounted Backdraft Damper	230.78	30.48
23 33 13 23-0047	EA	24" x 12" Horizontally Mounted Backdraft Damper	271.60	32.92
23 33 13 23-0048	EA	24" x 14" Horizontally Mounted Backdraft Damper	236.37	38.10
23 33 13 23-0049	EA	24" x 16" Horizontally Mounted Backdraft Damper	261.43	40.54
23 33 13 23-0050	EA	24" x 18" Horizontally Mounted Backdraft Damper	294.11	45.72
23 33 13 23-0051	EA	24" x 20" Horizontally Mounted Backdraft Damper	311.55	45.72
23 33 13 23-0052	EA	24" x 24" Horizontally Mounted Backdraft Damper	361.67	50.74
23 33 13 23-0053	EA	24" x 28" Horizontally Mounted Backdraft Damper	342.01	55.78
23 33 13 23-0054	EA	24" x 32" Horizontally Mounted Backdraft Damper	382.18	60.96
23 33 13 23-0055	EA	24" x 36" Horizontally Mounted Backdraft Damper	422.32	65.98
23 33 13 23-0056	EA	24" x 40" Horizontally Mounted Backdraft Damper	412.66	71.02
23 33 13 23-0057	EA	24" x 44" Horizontally Mounted Backdraft Damper	447.83	76.20
23 33 13 23-0058	EA	24" x 48" Horizontally Mounted Backdraft Damper	467.75	76.20
23 33 13 23-0059	EA	28" x 6" Horizontally Mounted Backdraft Damper	173.74	25.45
23 33 13 23-0060	EA	28" x 8" Horizontally Mounted Backdraft Damper	213.88	27.88
23 33 13 23-0061	EA	28" x 10" Horizontally Mounted Backdraft Damper	266.81	32.92
23 33 13 23-0062	EA	28" x 12" Horizontally Mounted Backdraft Damper	236.37	38.10
23 33 13 23-0063	EA	28" x 14" Horizontally Mounted Backdraft Damper	264.34	40.54
23 33 13 23-0064	EA	28" x 16" Horizontally Mounted Backdraft Damper	299.93	45.72
23 33 13 23-0065	EA	28" x 18" Horizontally Mounted Backdraft Damper	335.52	50.74
23 33 13 23-0066	EA	28" x 20" Horizontally Mounted Backdraft Damper	355.85	50.74
23 33 13 23-0067	EA	28" x 24" Horizontally Mounted Backdraft Damper	342.01	55.78
23 33 13 23-0068	EA	28" x 28" Horizontally Mounted Backdraft Damper	386.34	60.96
23 33 13 23-0069	EA	28" x 32" Horizontally Mounted Backdraft Damper	430.63	65.98
23 33 13 23-0070	EA	28" x 36" Horizontally Mounted Backdraft Damper	437.85	76.20
23 33 13 23-0071	EA	28" x 40" Horizontally Mounted Backdraft Damper	461.11	76.20
23 33 13 23-0072	EA	28" x 44" Horizontally Mounted Backdraft Damper	499.59	81.23
23 33 13 23-0073	EA	28" x 48" Horizontally Mounted Backdraft Damper	538.09	86.26
23 33 13 23-0074	EA	28" x 52" Horizontally Mounted Backdraft Damper	561.35	86.26
23 33 13 23-0075	EA	28" x 56" Horizontally Mounted Backdraft Damper	559.15	91.28
23 33 13 23-0076	EA	28" x 60" Horizontally Mounted Backdraft Damper	579.47	91.28
23 33 13 23-0077	EA	32" x 6" Horizontally Mounted Backdraft Damper	195.28	27.88
23 33 13 23-0078	EA	32" x 8" Horizontally Mounted Backdraft Damper	252.43	32.92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0079	EA	32" x 10"	Horizontally Mounted Backdraft Damper.....	298.39	35.50
23 33 13 23-0080	EA	32" x 12"	Horizontally Mounted Backdraft Damper.....	261.43	40.54
23 33 13 23-0081	EA	32" x 14"	Horizontally Mounted Backdraft Damper.....	299.93	45.72
23 33 13 23-0082	EA	32" x 16"	Horizontally Mounted Backdraft Damper.....	338.41	50.74
23 33 13 23-0083	EA	32" x 18"	Horizontally Mounted Backdraft Damper.....	301.86	50.74
23 33 13 23-0084	EA	32" x 20"	Horizontally Mounted Backdraft Damper.....	333.73	55.78
23 33 13 23-0085	EA	32" x 24"	Horizontally Mounted Backdraft Damper.....	382.18	60.96
23 33 13 23-0086	EA	32" x 28"	Horizontally Mounted Backdraft Damper.....	430.63	65.98
23 33 13 23-0087	EA	32" x 32"	Horizontally Mounted Backdraft Damper.....	441.19	76.20
23 33 13 23-0088	EA	32" x 36"	Horizontally Mounted Backdraft Damper.....	467.75	76.20
23 33 13 23-0089	EA	32" x 40"	Horizontally Mounted Backdraft Damper.....	509.56	81.23
23 33 13 23-0090	EA	32" x 44"	Horizontally Mounted Backdraft Damper.....	551.37	86.26
23 33 13 23-0091	EA	32" x 48"	Horizontally Mounted Backdraft Damper.....	553.33	91.28
23 33 13 23-0092	EA	32" x 52"	Horizontally Mounted Backdraft Damper.....	576.59	91.28
23 33 13 23-0093	EA	32" x 56"	Horizontally Mounted Backdraft Damper.....	615.06	96.47
23 33 13 23-0094	EA	32" x 60"	Horizontally Mounted Backdraft Damper.....	638.33	96.47
23 33 13 23-0095	EA	32" x 64"	Horizontally Mounted Backdraft Damper.....	623.65	101.50
23 33 13 23-0096	EA	32" x 68"	Horizontally Mounted Backdraft Damper.....	643.58	101.50
23 33 13 23-0097	EA	32" x 72"	Horizontally Mounted Backdraft Damper.....	678.75	106.52
23 33 13 23-0098	EA	36" x 6"	Horizontally Mounted Backdraft Damper.....	209.21	27.88
23 33 13 23-0099	EA	36" x 8"	Horizontally Mounted Backdraft Damper.....	279.22	35.50
23 33 13 23-0100	EA	36" x 10"	Horizontally Mounted Backdraft Damper.....	252.72	40.54
23 33 13 23-0101	EA	36" x 12"	Horizontally Mounted Backdraft Damper.....	294.11	45.72
23 33 13 23-0102	EA	36" x 14"	Horizontally Mounted Backdraft Damper.....	335.52	50.74
23 33 13 23-0103	EA	36" x 16"	Horizontally Mounted Backdraft Damper.....	301.86	50.74
23 33 13 23-0104	EA	36" x 18"	Horizontally Mounted Backdraft Damper.....	335.79	55.78
23 33 13 23-0105	EA	36" x 20"	Horizontally Mounted Backdraft Damper.....	369.71	60.96
23 33 13 23-0106	EA	36" x 24"	Horizontally Mounted Backdraft Damper.....	422.32	65.98
23 33 13 23-0107	EA	36" x 28"	Horizontally Mounted Backdraft Damper.....	437.85	76.20
23 33 13 23-0108	EA	36" x 32"	Horizontally Mounted Backdraft Damper.....	467.75	76.20
23 33 13 23-0109	EA	36" x 36"	Horizontally Mounted Backdraft Damper.....	512.87	81.23
23 33 13 23-0110	EA	36" x 40"	Horizontally Mounted Backdraft Damper.....	558.02	86.26
23 33 13 23-0111	EA	36" x 44"	Horizontally Mounted Backdraft Damper.....	562.03	91.28
23 33 13 23-0112	EA	36" x 48"	Horizontally Mounted Backdraft Damper.....	603.45	96.47
23 33 13 23-0113	EA	36" x 52"	Horizontally Mounted Backdraft Damper.....	629.59	96.47
23 33 13 23-0114	EA	36" x 56"	Horizontally Mounted Backdraft Damper.....	618.68	101.50
23 33 13 23-0115	EA	36" x 60"	Horizontally Mounted Backdraft Damper.....	641.09	101.50
23 33 13 23-0116	EA	36" x 64"	Horizontally Mounted Backdraft Damper.....	678.75	106.52
23 33 13 23-0117	EA	36" x 68"	Horizontally Mounted Backdraft Damper.....	701.16	106.52
23 33 13 23-0118	EA	36" x 72"	Horizontally Mounted Backdraft Damper.....	723.61	106.52
23 33 13 23-0119	EA	40" x 6"	Horizontally Mounted Backdraft Damper.....	230.78	30.48
23 33 13 23-0120	EA	40" x 8"	Horizontally Mounted Backdraft Damper.....	306.01	38.10
23 33 13 23-0121	EA	40" x 10"	Horizontally Mounted Backdraft Damper.....	267.25	40.54
23 33 13 23-0122	EA	40" x 12"	Horizontally Mounted Backdraft Damper.....	311.55	45.72
23 33 13 23-0123	EA	40" x 14"	Horizontally Mounted Backdraft Damper.....	355.85	50.74
23 33 13 23-0124	EA	40" x 16"	Horizontally Mounted Backdraft Damper.....	333.73	55.78
23 33 13 23-0125	EA	40" x 18"	Horizontally Mounted Backdraft Damper.....	369.71	60.96
23 33 13 23-0126	EA	40" x 20"	Horizontally Mounted Backdraft Damper.....	405.70	65.98
23 33 13 23-0127	EA	40" x 24"	Horizontally Mounted Backdraft Damper.....	412.66	71.02
23 33 13 23-0128	EA	40" x 28"	Horizontally Mounted Backdraft Damper.....	461.11	76.20
23 33 13 23-0129	EA	40" x 32"	Horizontally Mounted Backdraft Damper.....	509.56	81.23
23 33 13 23-0130	EA	40" x 36"	Horizontally Mounted Backdraft Damper.....	558.02	86.26
23 33 13 23-0131	EA	40" x 40"	Horizontally Mounted Backdraft Damper.....	564.94	91.28
23 33 13 23-0132	EA	40" x 44"	Horizontally Mounted Backdraft Damper.....	609.24	96.47
23 33 13 23-0133	EA	40" x 48"	Horizontally Mounted Backdraft Damper.....	638.33	96.47
23 33 13 23-0134	EA	40" x 50"	Horizontally Mounted Backdraft Damper.....	616.19	101.50
23 33 13 23-0135	EA	44" x 6"	Horizontally Mounted Backdraft Damper.....	257.22	32.92
23 33 13 23-0136	EA	44" x 8"	Horizontally Mounted Backdraft Damper.....	249.81	40.54
23 33 13 23-0137	EA	44" x 10"	Horizontally Mounted Backdraft Damper.....	297.02	45.72
23 33 13 23-0138	EA	44" x 12"	Horizontally Mounted Backdraft Damper.....	344.23	50.74
23 33 13 23-0139	EA	44" x 14"	Horizontally Mounted Backdraft Damper.....	327.48	55.78
23 33 13 23-0140	EA	44" x 16"	Horizontally Mounted Backdraft Damper.....	365.56	60.96
23 33 13 23-0141	EA	44" x 18"	Horizontally Mounted Backdraft Damper.....	388.40	60.96
23 33 13 23-0142	EA	44" x 20"	Horizontally Mounted Backdraft Damper.....	426.48	65.98
23 33 13 23-0143	EA	44" x 24"	Horizontally Mounted Backdraft Damper.....	447.83	76.20
23 33 13 23-0144	EA	44" x 28"	Horizontally Mounted Backdraft Damper.....	499.59	81.23
23 33 13 23-0145	EA	44" x 32"	Horizontally Mounted Backdraft Damper.....	551.37	86.26
23 33 13 23-0146	EA	44" x 36"	Horizontally Mounted Backdraft Damper.....	562.03	91.28
23 33 13 23-0147	EA	44" x 40"	Horizontally Mounted Backdraft Damper.....	609.24	96.47
23 33 13 23-0148	EA	44" x 44"	Horizontally Mounted Backdraft Damper.....	641.21	96.47
23 33 13 23-0149	EA	44" x 48"	Horizontally Mounted Backdraft Damper.....	633.63	101.50
23 33 13 23-0150	EA	44" x 50"	Horizontally Mounted Backdraft Damper.....	647.31	101.50
23 33 13 23-0151	EA	48" x 6"	Horizontally Mounted Backdraft Damper.....	279.22	35.50
23 33 13 23-0152	EA	48" x 8"	Horizontally Mounted Backdraft Damper.....	261.43	40.54
23 33 13 23-0153	EA	48" x 10"	Horizontally Mounted Backdraft Damper.....	311.55	45.72
23 33 13 23-0154	EA	48" x 12"	Horizontally Mounted Backdraft Damper.....	301.86	50.74
23 33 13 23-0155	EA	48" x 14"	Horizontally Mounted Backdraft Damper.....	342.01	55.78
23 33 13 23-0156	EA	48" x 16"	Horizontally Mounted Backdraft Damper.....	382.18	60.96
23 33 13 23-0157	EA	48" x 18"	Horizontally Mounted Backdraft Damper.....	422.32	65.98
23 33 13 23-0158	EA	48" x 20"	Horizontally Mounted Backdraft Damper.....	412.66	71.02
23 33 13 23-0159	EA	48" x 24"	Horizontally Mounted Backdraft Damper.....	467.75	76.20
23 33 13 23-0160	EA	48" x 28"	Horizontally Mounted Backdraft Damper.....	538.09	86.26
23 33 13 23-0161	EA	48" x 32"	Horizontally Mounted Backdraft Damper.....	553.33	91.28

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 33 13 23-0162	EA	48" x 36" Horizontally Mounted Backdraft Damper	603.45	96.47
23 33 13 23-0163	EA	48" x 40" Horizontally Mounted Backdraft Damper	638.33	96.47
23 33 13 23-0164	EA	48" x 44" Horizontally Mounted Backdraft Damper	633.63	101.50
23 33 13 23-0165	EA	48" x 48" Horizontally Mounted Backdraft Damper	678.75	106.52
23 33 13 23-0166	EA	48" x 50" Horizontally Mounted Backdraft Damper	693.70	106.52
23 33 13 23-0167	EA	50" x 6" Horizontally Mounted Backdraft Damper	286.41	35.50
23 33 13 23-0168	EA	50" x 8" Horizontally Mounted Backdraft Damper	282.49	45.72
23 33 13 23-0169	EA	50" x 10" Horizontally Mounted Backdraft Damper	334.07	50.74
23 33 13 23-0170	EA	50" x 12" Horizontally Mounted Backdraft Damper	323.33	55.78
23 33 13 23-0171	EA	50" x 14" Horizontally Mounted Backdraft Damper	364.53	60.96
23 33 13 23-0172	EA	50" x 16" Horizontally Mounted Backdraft Damper	405.70	65.98
23 33 13 23-0173	EA	50" x 18" Horizontally Mounted Backdraft Damper	446.90	71.02
23 33 13 23-0174	EA	50" x 20" Horizontally Mounted Backdraft Damper	436.18	76.20
23 33 13 23-0175	EA	50" x 24" Horizontally Mounted Backdraft Damper	492.94	81.23
23 33 13 23-0176	EA	50" x 28" Horizontally Mounted Backdraft Damper	549.70	86.26
23 33 13 23-0177	EA	50" x 32" Horizontally Mounted Backdraft Damper	564.94	91.28
23 33 13 23-0178	EA	50" x 36" Horizontally Mounted Backdraft Damper	616.52	96.47
23 33 13 23-0179	EA	50" x 40" Horizontally Mounted Backdraft Damper	616.19	101.50
23 33 13 23-0180	EA	50" x 44" Horizontally Mounted Backdraft Damper	647.31	101.50
23 33 13 23-0181	EA	50" x 48" Horizontally Mounted Backdraft Damper	693.70	106.52
23 33 13 23-0182	EA	50" x 50" Horizontally Mounted Backdraft Damper	709.26	106.52

23 33 13 23-0183**Vertically Mounted Backdraft Damper** (23 33 13 23)

Note: Galvanized steel frame, aluminum blades. Excludes motor pack.

23 33 13 23-0184	EA	6" x 6" Vertically Mounted Backdraft Damper	125.41	16.92
23 33 13 23-0185	EA	8" x 6" Vertically Mounted Backdraft Damper	152.61	17.68
23 33 13 23-0186	EA	10" x 6" Vertically Mounted Backdraft Damper	157.07	17.83
23 33 13 23-0187	EA	8" x 8" Vertically Mounted Backdraft Damper	163.98	17.83
23 33 13 23-0188	EA	12" x 6" Vertically Mounted Backdraft Damper	179.35	18.29
23 33 13 23-0189	EA	10" x 8" Vertically Mounted Backdraft Damper	199.27	20.27
23 33 13 23-0190	EA	14" x 6" Vertically Mounted Backdraft Damper	200.09	18.29
23 33 13 23-0191	EA	12" x 8" Vertically Mounted Backdraft Damper	226.93	20.27
23 33 13 23-0192	EA	16" x 6" Vertically Mounted Backdraft Damper	229.97	21.33
23 33 13 23-0193	EA	10" x 10" Vertically Mounted Backdraft Damper	241.46	22.86
23 33 13 23-0194	EA	18" x 6" Vertically Mounted Backdraft Damper	194.40	19.35
23 33 13 23-0195	EA	14" x 8" Vertically Mounted Backdraft Damper	205.55	21.33
23 33 13 23-0196	EA	12" x 10" Vertically Mounted Backdraft Damper	220.23	22.86
23 33 13 23-0197	EA	20" x 6" Vertically Mounted Backdraft Damper	227.85	25.45
23 33 13 23-0198	EA	16" x 8" Vertically Mounted Backdraft Damper	245.57	27.88
23 33 13 23-0199	EA	14" x 10" Vertically Mounted Backdraft Damper	237.88	20.27
23 33 13 23-0200	EA	12" x 12" Vertically Mounted Backdraft Damper	250.56	22.86
23 33 13 23-0201	EA	18" x 8" Vertically Mounted Backdraft Damper	221.06	25.45
23 33 13 23-0202	EA	24" x 6" Vertically Mounted Backdraft Damper	221.06	25.45
23 33 13 23-0203	EA	16" x 10" Vertically Mounted Backdraft Damper	244.75	27.88
23 33 13 23-0204	EA	20" x 8" Vertically Mounted Backdraft Damper	252.37	30.48
23 33 13 23-0205	EA	14" x 12" Vertically Mounted Backdraft Damper	232.97	21.33
23 33 13 23-0206	EA	28" x 6" Vertically Mounted Backdraft Damper	237.55	22.86
23 33 13 23-0207	EA	18" x 10" Vertically Mounted Backdraft Damper	257.24	25.45
23 33 13 23-0208	EA	16" x 12" Vertically Mounted Backdraft Damper	276.93	27.88
23 33 13 23-0209	EA	24" x 8" Vertically Mounted Backdraft Damper	284.55	30.48
23 33 13 23-0210	EA	32" x 6" Vertically Mounted Backdraft Damper	292.16	32.92
23 33 13 23-0211	EA	14" x 14" Vertically Mounted Backdraft Damper	311.44	38.10
23 33 13 23-0212	EA	20" x 10" Vertically Mounted Backdraft Damper	309.11	40.54
23 33 13 23-0213	EA	18" x 12" Vertically Mounted Backdraft Damper	339.33	45.72
23 33 13 23-0214	EA	36" x 6" Vertically Mounted Backdraft Damper	270.76	22.86
23 33 13 23-0215	EA	16" x 14" Vertically Mounted Backdraft Damper	285.87	25.45
23 33 13 23-0216	EA	28" x 8" Vertically Mounted Backdraft Damper	293.49	27.88
23 33 13 23-0217	EA	20" x 12" Vertically Mounted Backdraft Damper	316.07	30.48
23 33 13 23-0218	EA	24" x 10" Vertically Mounted Backdraft Damper	323.68	32.92
23 33 13 23-0219	EA	40" x 6" Vertically Mounted Backdraft Damper	331.30	35.50
23 33 13 23-0220	EA	18" x 14" Vertically Mounted Backdraft Damper	357.79	40.54
23 33 13 23-0221	EA	16" x 16" Vertically Mounted Backdraft Damper	361.52	40.54
23 33 13 23-0222	EA	32" x 8" Vertically Mounted Backdraft Damper	376.76	45.72
23 33 13 23-0223	EA	44" x 6" Vertically Mounted Backdraft Damper	399.49	50.74
23 33 13 23-0224	EA	20" x 14" Vertically Mounted Backdraft Damper	429.72	55.78
23 33 13 23-0225	EA	28" x 10" Vertically Mounted Backdraft Damper	444.96	60.96
23 33 13 23-0226	EA	18" x 16" Vertically Mounted Backdraft Damper	345.78	25.45
23 33 13 23-0227	EA	24" x 12" Vertically Mounted Backdraft Damper	353.40	27.88
23 33 13 23-0228	EA	36" x 8" Vertically Mounted Backdraft Damper	361.02	30.48
23 33 13 23-0229	EA	48" x 6" Vertically Mounted Backdraft Damper	368.63	32.92
23 33 13 23-0230	EA	50" x 6" Vertically Mounted Backdraft Damper	395.09	38.10
23 33 13 23-0231	EA	20" x 16" Vertically Mounted Backdraft Damper	421.42	40.54
23 33 13 23-0232	EA	32" x 10" Vertically Mounted Backdraft Damper	436.66	45.72
23 33 13 23-0233	EA	40" x 8" Vertically Mounted Backdraft Damper	436.66	45.72
23 33 13 23-0234	EA	18" x 18" Vertically Mounted Backdraft Damper	392.00	50.74
23 33 13 23-0235	EA	24" x 14" Vertically Mounted Backdraft Damper	373.98	55.78
23 33 13 23-0236	EA	28" x 12" Vertically Mounted Backdraft Damper	389.22	60.96
23 33 13 23-0237	EA	44" x 8" Vertically Mounted Backdraft Damper	414.28	65.98
23 33 13 23-0238	EA	18" x 20" Vertically Mounted Backdraft Damper	434.44	71.02
23 33 13 23-0239	EA	20" x 18" Vertically Mounted Backdraft Damper	449.68	76.20
23 33 13 23-0240	EA	36" x 10" Vertically Mounted Backdraft Damper	449.68	76.20
23 33 13 23-0241	EA	24" x 16" Vertically Mounted Backdraft Damper	312.02	25.45

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0242	EA		32" x 12" Vertically Mounted Backdraft Damper	319.64	27.88
23 33 13 23-0243	EA		48" x 8" Vertically Mounted Backdraft Damper	334.87	32.92
23 33 13 23-0244	EA		28" x 14" Vertically Mounted Backdraft Damper	355.02	38.10
23 33 13 23-0245	EA		20" x 20" Vertically Mounted Backdraft Damper	367.56	40.54
23 33 13 23-0246	EA		40" x 10" Vertically Mounted Backdraft Damper	382.80	45.72
23 33 13 23-0247	EA		50" x 8" Vertically Mounted Backdraft Damper	398.04	50.74
23 33 13 23-0248	EA		18" x 24" Vertically Mounted Backdraft Damper	417.69	50.74
23 33 13 23-0249	EA		24" x 18" Vertically Mounted Backdraft Damper	432.94	55.78
23 33 13 23-0250	EA		36" x 12" Vertically Mounted Backdraft Damper	448.18	60.96
23 33 13 23-0251	EA		44" x 10" Vertically Mounted Backdraft Damper	468.33	65.98
23 33 13 23-0252	EA		28" x 16" Vertically Mounted Backdraft Damper	503.73	76.20
23 33 13 23-0253	EA		32" x 14" Vertically Mounted Backdraft Damper	503.73	76.20
23 33 13 23-0254	EA		20" x 24" Vertically Mounted Backdraft Damper	541.08	81.23
23 33 13 23-0255	EA		24" x 20" Vertically Mounted Backdraft Damper	511.06	86.26
23 33 13 23-0256	EA		40" x 12" Vertically Mounted Backdraft Damper	511.06	86.26
23 33 13 23-0257	EA		48" x 10" Vertically Mounted Backdraft Damper	526.30	91.28
23 33 13 23-0258	EA		50" x 10" Vertically Mounted Backdraft Damper	536.80	91.28
23 33 13 23-0259	EA		28" x 18" Vertically Mounted Backdraft Damper	348.39	27.88
23 33 13 23-0260	EA		36" x 14" Vertically Mounted Backdraft Damper	363.62	32.92
23 33 13 23-0261	EA		32" x 16" Vertically Mounted Backdraft Damper	375.46	35.50
23 33 13 23-0262	EA		44" x 12" Vertically Mounted Backdraft Damper	399.07	40.54
23 33 13 23-0263	EA		20" x 28" Vertically Mounted Backdraft Damper	431.11	45.72
23 33 13 23-0264	EA		28" x 20" Vertically Mounted Backdraft Damper	446.35	50.74
23 33 13 23-0265	EA		40" x 14" Vertically Mounted Backdraft Damper	446.35	50.74
23 33 13 23-0266	EA		24" x 24" Vertically Mounted Backdraft Damper	470.00	55.78
23 33 13 23-0267	EA		32" x 18" Vertically Mounted Backdraft Damper	485.24	60.96
23 33 13 23-0268	EA		36" x 16" Vertically Mounted Backdraft Damper	500.48	65.98
23 33 13 23-0269	EA		48" x 12" Vertically Mounted Backdraft Damper	530.96	76.20
23 33 13 23-0270	EA		50" x 12" Vertically Mounted Backdraft Damper	543.58	76.20
23 33 13 23-0271	EA		44" x 14" Vertically Mounted Backdraft Damper	567.22	81.23
23 33 13 23-0272	EA		20" x 32" Vertically Mounted Backdraft Damper	595.05	86.26
23 33 13 23-0273	EA		32" x 20" Vertically Mounted Backdraft Damper	610.29	91.28
23 33 13 23-0274	EA		40" x 16" Vertically Mounted Backdraft Damper	610.29	91.28
23 33 13 23-0275	EA		36" x 18" Vertically Mounted Backdraft Damper	629.71	96.47
23 33 13 23-0276	EA		24" x 28" Vertically Mounted Backdraft Damper	644.42	96.47
23 33 13 23-0277	EA		28" x 24" Vertically Mounted Backdraft Damper	629.23	101.50
23 33 13 23-0278	EA		48" x 14" Vertically Mounted Backdraft Damper	629.23	101.50
23 33 13 23-0279	EA		50" x 14" Vertically Mounted Backdraft Damper	658.00	106.52
23 33 13 23-0280	EA		44" x 16" Vertically Mounted Backdraft Damper	423.70	27.88
23 33 13 23-0281	EA		20" x 36" Vertically Mounted Backdraft Damper	454.29	35.50
23 33 13 23-0282	EA		36" x 20" Vertically Mounted Backdraft Damper	469.53	40.54
23 33 13 23-0283	EA		40" x 18" Vertically Mounted Backdraft Damper	484.77	45.72
23 33 13 23-0284	EA		24" x 32" Vertically Mounted Backdraft Damper	523.18	50.74
23 33 13 23-0285	EA		32" x 24" Vertically Mounted Backdraft Damper	523.18	50.74
23 33 13 23-0286	EA		48" x 16" Vertically Mounted Backdraft Damper	538.43	55.78
23 33 13 23-0287	EA		28" x 28" Vertically Mounted Backdraft Damper	561.40	60.96
23 33 13 23-0288	EA		44" x 18" Vertically Mounted Backdraft Damper	580.49	65.98
23 33 13 23-0289	EA		40" x 20" Vertically Mounted Backdraft Damper	614.83	76.20
23 33 13 23-0290	EA		50" x 16" Vertically Mounted Backdraft Damper	614.83	76.20
23 33 13 23-0291	EA		24" x 36" Vertically Mounted Backdraft Damper	660.97	81.23
23 33 13 23-0292	EA		36" x 24" Vertically Mounted Backdraft Damper	676.21	86.26
23 33 13 23-0293	EA		48" x 18" Vertically Mounted Backdraft Damper	691.45	91.28
23 33 13 23-0294	EA		44" x 20" Vertically Mounted Backdraft Damper	714.43	96.47
23 33 13 23-0295	EA		28" x 32" Vertically Mounted Backdraft Damper	722.16	96.47
23 33 13 23-0296	EA		32" x 28" Vertically Mounted Backdraft Damper	737.39	101.50
23 33 13 23-0297	EA		50" x 18" Vertically Mounted Backdraft Damper	739.30	101.50
23 33 13 23-0298	EA		24" x 40" Vertically Mounted Backdraft Damper	783.51	106.52
23 33 13 23-0299	EA		40" x 24" Vertically Mounted Backdraft Damper	783.51	106.52
23 33 13 23-0300	EA		48" x 20" Vertically Mounted Backdraft Damper	783.51	106.52
23 33 13 23-0301	EA		50" x 20" Vertically Mounted Backdraft Damper	574.24	30.48
23 33 13 23-0302	EA		28" x 36" Vertically Mounted Backdraft Damper	600.94	38.10
23 33 13 23-0303	EA		36" x 28" Vertically Mounted Backdraft Damper	608.56	40.54
23 33 13 23-0304	EA		32" x 32" Vertically Mounted Backdraft Damper	631.53	45.72
23 33 13 23-0305	EA		24" x 44" Vertically Mounted Backdraft Damper	607.10	50.74
23 33 13 23-0306	EA		44" x 24" Vertically Mounted Backdraft Damper	622.35	55.78
23 33 13 23-0307	EA		28" x 40" Vertically Mounted Backdraft Damper	665.13	60.96
23 33 13 23-0308	EA		40" x 28" Vertically Mounted Backdraft Damper	680.37	65.98
23 33 13 23-0309	EA		24" x 48" Vertically Mounted Backdraft Damper	709.41	71.02
23 33 13 23-0310	EA		32" x 36" Vertically Mounted Backdraft Damper	724.65	76.20
23 33 13 23-0311	EA		36" x 32" Vertically Mounted Backdraft Damper	739.89	81.23
23 33 13 23-0312	EA		48" x 24" Vertically Mounted Backdraft Damper	755.13	86.26
23 33 13 23-0313	EA		50" x 24" Vertically Mounted Backdraft Damper	791.03	91.28
23 33 13 23-0314	EA		28" x 44" Vertically Mounted Backdraft Damper	820.04	96.47
23 33 13 23-0315	EA		44" x 28" Vertically Mounted Backdraft Damper	820.04	96.47
23 33 13 23-0316	EA		32" x 40" Vertically Mounted Backdraft Damper	855.95	101.50
23 33 13 23-0317	EA		40" x 32" Vertically Mounted Backdraft Damper	650.21	32.92
23 33 13 23-0318	EA		36" x 36" Vertically Mounted Backdraft Damper	679.96	40.54
23 33 13 23-0319	EA		28" x 48" Vertically Mounted Backdraft Damper	715.85	45.72
23 33 13 23-0320	EA		48" x 28" Vertically Mounted Backdraft Damper	731.09	50.74
23 33 13 23-0321	EA		50" x 28" Vertically Mounted Backdraft Damper	770.45	55.78
23 33 13 23-0322	EA		32" x 44" Vertically Mounted Backdraft Damper	789.15	60.96
23 33 13 23-0323	EA		44" x 32" Vertically Mounted Backdraft Damper	789.15	60.96
23 33 13 23-0324	EA		36" x 40" Vertically Mounted Backdraft Damper	819.89	65.98

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 13 23-0325	EA		40" x 36" Vertically Mounted Backdraft Damper	786.65	76.20
23 33 13 23-0326	EA		28" x 52" Vertically Mounted Backdraft Damper	808.07	81.23
23 33 13 23-0327	EA		32" x 48" Vertically Mounted Backdraft Damper	854.31	86.26
23 33 13 23-0328	EA		48" x 32" Vertically Mounted Backdraft Damper	869.55	91.28
23 33 13 23-0329	EA		28" x 56" Vertically Mounted Backdraft Damper	897.20	96.47
23 33 13 23-0330	EA		36" x 44" Vertically Mounted Backdraft Damper	903.41	96.47
23 33 13 23-0331	EA		44" x 36" Vertically Mounted Backdraft Damper	918.64	101.50
23 33 13 23-0332	EA		40" x 40" Vertically Mounted Backdraft Damper	924.83	101.50
23 33 13 23-0333	EA		50" x 32" Vertically Mounted Backdraft Damper	726.71	35.50
23 33 13 23-0334	EA		32" x 52" Vertically Mounted Backdraft Damper	766.76	40.54
23 33 13 23-0335	EA		28" x 60" Vertically Mounted Backdraft Damper	788.19	45.72
23 33 13 23-0336	EA		36" x 48" Vertically Mounted Backdraft Damper	822.05	50.74
23 33 13 23-0337	EA		48" x 36" Vertically Mounted Backdraft Damper	837.30	55.78
23 33 13 23-0338	EA		40" x 44" Vertically Mounted Backdraft Damper	864.95	60.96
23 33 13 23-0339	EA		44" x 40" Vertically Mounted Backdraft Damper	880.19	65.98
23 33 13 23-0340	EA		32" x 56" Vertically Mounted Backdraft Damper	907.80	71.02
23 33 13 23-0341	EA		50" x 36" Vertically Mounted Backdraft Damper	848.64	76.20
23 33 13 23-0342	EA		36" x 52" Vertically Mounted Backdraft Damper	903.93	86.26
23 33 13 23-0343	EA		32" x 60" Vertically Mounted Backdraft Damper	935.70	91.28
23 33 13 23-0344	EA		40" x 48" Vertically Mounted Backdraft Damper	950.94	96.47
23 33 13 23-0345	EA		48" x 40" Vertically Mounted Backdraft Damper	950.94	96.47
23 33 13 23-0346	EA		44" x 44" Vertically Mounted Backdraft Damper	971.69	101.50
23 33 13 23-0347	EA		40" x 50" Vertically Mounted Backdraft Damper	1,008.98	106.52
23 33 13 23-0348	EA		50" x 40" Vertically Mounted Backdraft Damper	1,008.98	106.52
23 33 13 23-0349	EA		36" x 56" Vertically Mounted Backdraft Damper	801.11	35.50
23 33 13 23-0350	EA		32" x 64" Vertically Mounted Backdraft Damper	842.63	45.72
23 33 13 23-0351	EA		44" x 48" Vertically Mounted Backdraft Damper	879.92	50.74
23 33 13 23-0352	EA		48" x 44" Vertically Mounted Backdraft Damper	895.17	55.78
23 33 13 23-0353	EA		36" x 60" Vertically Mounted Backdraft Damper	926.94	60.96
23 33 13 23-0354	EA		32" x 68" Vertically Mounted Backdraft Damper	947.70	65.98
23 33 13 23-0355	EA		44" x 50" Vertically Mounted Backdraft Damper	876.47	71.02
23 33 13 23-0356	EA		50" x 44" Vertically Mounted Backdraft Damper	891.71	76.20
23 33 13 23-0357	EA		32" x 72" Vertically Mounted Backdraft Damper	938.28	81.23
23 33 13 23-0358	EA		36" x 64" Vertically Mounted Backdraft Damper	953.52	86.26
23 33 13 23-0359	EA		48" x 48" Vertically Mounted Backdraft Damper	968.76	91.28
23 33 13 23-0360	EA		48" x 50" Vertically Mounted Backdraft Damper	1,012.94	96.47
23 33 13 23-0361	EA		50" x 48" Vertically Mounted Backdraft Damper	1,028.17	101.50
23 33 13 23-0362	EA		36" x 68" Vertically Mounted Backdraft Damper	1,042.64	101.50
23 33 13 23-0363	EA		50" x 50" Vertically Mounted Backdraft Damper	1,073.56	106.52
23 33 13 23-0364	EA		36" x 72" Vertically Mounted Backdraft Damper	1,101.28	106.52
23 33 13 23-0365 Backdraft Damper Accessories (23 33 13 23)					
23 33 13 23-0366	EA		For Motor Pack For Horizontally Mounted Backdraft Damper	275.82	27.21
23 33 13 23-0367	EA		For Motor Pack For Vertically Mounted Backdraft Damper	479.03	27.21
23 33 13 33 Splitter Damper Hardware (23 33 13)					
23 33 13 33-0001	EA		Splitter Damper, Hardware	52.06	10.65
23 33 13 43 Blower Check Valve (23 33 13)					
23 33 13 43-0001 Blower Check Valves With Silicone Seals (23 33 13 43)					
23 33 13 43-0002	EA		2-1/2" Blower Check Valves, Silicone Seals	281.60	39.31
23 33 13 43-0003	EA		3" Blower Check Valves, Silicone Seals	314.77	44.80
23 33 13 43-0004	EA		4" Blower Check Valves, Silicone Seals	405.03	59.44
23 33 13 43-0005	EA		5" Blower Check Valves, Silicone Seals	554.43	68.58
23 33 13 43-0006	EA		6" Blower Check Valves, Silicone Seals	623.32	82.30
23 33 13 43-0007	EA		8" Blower Check Valves, Silicone Seals	921.99	104.24
23 33 13 43-0008 Blower Check Valves With Viton Seats (23 33 13 43)					
23 33 13 43-0009	EA		2-1/2" Blower Check Valves, Viton Seats	383.63	39.31
23 33 13 43-0010	EA		3" Blower Check Valves, Viton Seats	436.03	44.80
23 33 13 43-0011	EA		4" Blower Check Valves, Viton Seats	489.46	59.44
23 33 13 43-0012	EA		5" Blower Check Valves, Viton Seats	680.84	68.58
23 33 13 43-0013	EA		6" Blower Check Valves, Viton Seats	762.85	82.30
23 33 13 43-0014	EA		8" Blower Check Valves, Viton Seats	1,168.82	104.24
23 33 19 Duct Silencers (23 33)					
23 33 19 00-0001 36" Long Packaged Duct Sound Trap (23 33 19)					
23 33 19 00-0002	EA		12" x 12" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	426.61	62.39
23 33 19 00-0003	EA		12" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	511.14	71.52
23 33 19 00-0004	EA		12" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	656.18	82.17
23 33 19 00-0005	EA		12" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	793.18	92.83
23 33 19 00-0006	EA		24" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	738.30	92.83
23 33 19 00-0007	EA		24" x 24" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	930.59	97.39
23 33 19 00-0008	EA		24" x 30" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,025.35	103.47
23 33 19 00-0009	EA		24" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator	1,123.17	109.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 19 00-0010 EA 24" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,460.35	124.78
23 33 19 00-0011 EA 36" x 18" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	928.47	103.47
23 33 19 00-0012 EA 36" x 36" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,243.98	124.78
23 33 19 00-0013 EA 36" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,169.70	167.38
23 33 19 00-0014 EA 36" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,394.48	176.51
23 33 19 00-0015 EA 48" x 48" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,669.38	190.21
23 33 19 00-0016 EA 48" x 60" x 36" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,993.67	206.95
23 33 19 00-0017 60" Long Packaged Duct Sound Trap (23 33 19)		
23 33 19 00-0018 EA 12" x 12" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	475.74	136.95
23 33 19 00-0019 EA 12" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	571.69	158.25
23 33 19 00-0020 EA 12" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	735.84	182.60
23 33 19 00-0021 EA 12" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	889.54	205.43
23 33 19 00-0022 EA 24" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	827.16	205.43
23 33 19 00-0023 EA 24" x 24" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,047.60	217.59
23 33 19 00-0024 EA 24" x 30" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,150.08	228.25
23 33 19 00-0025 EA 24" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,254.84	240.42
23 33 19 00-0026 EA 24" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,641.38	273.90
23 33 19 00-0027 EA 36" x 18" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,039.99	228.25
23 33 19 00-0028 EA 36" x 36" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,395.51	273.90
23 33 19 00-0029 EA 36" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,427.21	360.63
23 33 19 00-0030 EA 36" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,705.51	391.07
23 33 19 00-0031 EA 48" x 48" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,998.81	415.41
23 33 19 00-0032 EA 48" x 60" x 60" Long, Packaged Duct Sound Trap, Sound Attenuator.....	3,371.72	456.50
23 33 19 00-0033 84" Long Packaged Duct Sound Trap (23 33 19)		
23 33 19 00-0034 EA 6" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	408.07	114.12
23 33 19 00-0035 EA 6" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	690.99	170.43
23 33 19 00-0036 EA 6" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	967.73	249.55
23 33 19 00-0037 EA 12" x 12" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	545.46	136.95
23 33 19 00-0038 EA 12" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	674.44	158.25
23 33 19 00-0039 EA 12" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	904.65	182.60
23 33 19 00-0040 EA 12" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,062.85	196.30
23 33 19 00-0041 EA 12" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,159.00	211.51
23 33 19 00-0042 EA 12" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,447.33	228.25
23 33 19 00-0043 EA 12" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,705.34	249.55
23 33 19 00-0044 EA 24" x 18" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,004.87	211.51
23 33 19 00-0045 EA 24" x 24" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,406.91	220.64
23 33 19 00-0046 EA 24" x 30" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,531.73	228.25
23 33 19 00-0047 EA 24" x 36" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	1,665.85	240.42
23 33 19 00-0048 EA 24" x 42" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,076.42	258.69
23 33 19 00-0049 EA 24" x 48" x 84" Long, Packaged Duct Sound Trap, Sound Attenuator.....	2,250.55	273.90
23 33 23 Turning Vanes (23 33)		
23 33 23 00-0001 Duct Turning Vane Components (23 33 23)		
23 33 23 00-0002 LF Duct Turning Vane Rail.....	14.87	3.80
For Stainless Steel, Add	9.07	
23 33 23 00-0003 LF Double Thick Factory Fabricated, Duct Turning Vane.....	13.67	1.52
For Stainless Steel, Add	13.66	
23 33 23 00-0004 Duct Turning Vane Sets (23 33 23)		
Note: Measured from inside corner to outside corner of ductwork.		
23 33 23 00-0005 LF 12" High Duct Turning Vanes, Sets.....	55.40	5.71
For Stainless Steel, Add	62.75	
23 33 23 00-0006 LF 14" High Duct Turning Vanes, Sets.....	68.67	6.08
For Stainless Steel, Add	79.38	
23 33 23 00-0007 LF 16" High Duct Turning Vanes, Sets.....	93.54	6.39
For Stainless Steel, Add	111.14	
23 33 23 00-0008 LF 18" High Duct Turning Vanes, Sets.....	118.48	6.85
For Stainless Steel, Add	142.90	
23 33 23 00-0009 LF 20" High Duct Turning Vanes, Sets.....	131.25	7.30
For Stainless Steel, Add	158.76	
23 33 23 00-0010 LF 22" High Duct Turning Vanes, Sets.....	167.34	6.85
For Stainless Steel, Add	206.43	
23 33 23 00-0011 LF 24" High Duct Turning Vanes, Sets.....	205.57	8.06
For Stainless Steel, Add	254.05	
23 33 23 00-0012 LF 26" High Duct Turning Vanes, Sets.....	220.67	8.43
For Stainless Steel, Add	273.17	
23 33 23 00-0013 LF 30" High Duct Turning Vanes, Sets.....	246.31	8.77
For Stainless Steel, Add	305.96	
23 33 33 Duct-Mounting Access Doors (23 33)		
23 33 33 00-0001 Duct Access Doors, Insulated Factory Fabrication (23 33 33)		
23 33 33 00-0002 EA 6" x 6" Duct Access Doors Insulated Factory Fabrication.....	116.83	21.31
For Stainless Steel, Add	62.46	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 33 Air Duct Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 33 00-0003	EA		10" x 10" Duct Access Doors Insulated Factory Fabrication <i>For Stainless Steel, Add</i>	123.39 75.58	21.31
23 33 33 00-0004	EA		12" x 12" Duct Access Doors Insulated Factory Fabrication <i>For Stainless Steel, Add</i>	126.60 82.00	21.31
23 33 33 00-0005	EA		12" x 18" Duct Access Doors Insulated Factory Fabrication <i>For Stainless Steel, Add</i>	163.15 115.62	25.87
23 33 33 00-0006	EA		16" x 12" Duct Access Doors Insulated Factory Fabrication <i>For Stainless Steel, Add</i>	164.45 118.22	25.87
23 33 33 00-0007	EA		18" x 18" Duct Access Doors Insulated Factory Fabrication <i>For Stainless Steel, Add</i>	204.98 136.06	35.00
23 33 33 00-0008	EA		24" x 18" Duct Access Doors Insulated Factory Fabrication <i>For Stainless Steel, Add</i>	244.45 146.52	42.60
23 33 33 00-0009	EA		24" x 24" Duct Access Doors Insulated Factory Fabrication <i>For Stainless Steel, Add</i>	318.20 179.90	57.82
23 33 43 Flexible Connectors (23 33)					
23 33 43 00-0001	LF		6-1/2" Width, Galvanized Steel, Flexible Duct Connector	18.89	4.56
23 33 43 00-0002	LF		5-3/4" Width, Vinyl/Steel, Flexible Duct Connector	19.31	4.11
23 33 46 Flexible Ducts (23 33)					
23 33 46 00-0001			Flexible Duct, R8.0 Insulated With Metallized Outer Jacket (23 33 46) Note: Polyester inner liner encapsulating a corrosion resistant steel wire helix, supporting a blanket of fiberglass insulation over a fiberglass scrim and a bi-directional reinforced metallized outer vapor barrier jacket.		
23 33 46 00-0002	LF		4" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	10.40 -0.98 -1.14	1.52
23 33 46 00-0003	LF		5" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	11.50 -1.03 -1.20	3.05
23 33 46 00-0004	LF		6" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	12.95 -1.06 -1.23	3.05
23 33 46 00-0005	LF		7" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	15.04 -1.18 -1.38	3.05
23 33 46 00-0006	LF		8" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	17.66 -1.19 -1.39	4.56
23 33 46 00-0007	LF		10" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	22.83 -1.60 -1.87	4.56
23 33 46 00-0008	LF		12" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	30.69 -1.91 -2.22	6.08
23 33 46 00-0009	LF		14" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	38.19 -2.33 -2.71	6.08
23 33 46 00-0010	LF		16" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	49.90 -2.78 -3.24	7.61
23 33 46 00-0011	LF		18" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	60.76 -3.62 -4.22	9.89
23 33 46 00-0012	LF		20" Diameter Flexible Duct, R8.0 Insulated With Polyester Inner Liner Over Fiberglass Insulation And Metallized Outer Jacket <i>For R6.0 Insulated Flexible Duct, Deduct</i> <i>For R4.2 Insulated Flexible Duct, Deduct</i>	71.45 -5.46 -6.37	10.65
23 33 46 00-0013			Collars, Sheet Metal Spin-In Type With Damper (23 33 46)		
23 33 46 00-0014	EA		Up To 4" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	58.54 31.59	9.13
23 33 46 00-0015	EA		5" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	63.75 32.01	10.65
23 33 46 00-0016	EA		6" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	72.80 35.30	10.65
23 33 46 00-0017	EA		7" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	82.80 36.43	13.69
23 33 46 00-0018	EA		8" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	100.12 41.15	16.74
23 33 46 00-0019	EA		10" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	117.28 50.73	19.78

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 33 46 00-0020 EA 12" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	133.34 54.65	22.82
23 33 46 00-0021 EA 14" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	157.63 68.43	25.87
23 33 46 00-0022 EA 16" Diameter Flexible Duct Collar, Spin In Type, Sheet Metal, With Damper <i>For Stainless Steel, Add</i>	171.71 74.87	28.91
23 33 53 Duct Liners <small>(23 33)</small>		
23 33 53 00-0001 Fiberglass Duct Liner Board, Rigid, Acoustical Insulation <small>(23 33 53)</small>		
23 33 53 00-0002 SF 1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	13.69	3.48
23 33 53 00-0003 SF 3/4" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	14.93	3.48
23 33 53 00-0004 SF 1" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	16.63	4.64
23 33 53 00-0005 SF 1-1/2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	20.42	4.64
23 33 53 00-0006 SF 2" Field Installed, 3 LB/CF, Fiberglass Duct Liner Board	24.62	5.22
23 33 53 00-0007 SF 1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	15.20	4.56
23 33 53 00-0008 SF 3/4" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	16.61	4.56
23 33 53 00-0009 SF 1" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	18.52	6.08
23 33 53 00-0010 SF 1-1/2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	22.57	6.08
23 33 53 00-0011 SF 2" Shop Installed, 3 LB/CF, Fiberglass Duct Liner Board	27.33	6.85
23 33 53 00-0012 Fiberglass Duct Liner Blanket, Flexible, Acoustical Insulation <small>(23 33 53)</small>		
23 33 53 00-0013 SF 1/2", R2, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	3.36	3.65
23 33 53 00-0014 SF 1", R3.8, 1.5 LB/CF, T150, Fiberglass Duct Liner Blanket	4.10	4.11
23 33 53 00-0015 SF 1", R4.1, 2 LB/CF, T200, Fiberglass Duct Liner Blanket	4.92	4.11
23 33 53 00-0016 SF 1", R4.3, 3 LB/CF, T300, Fiberglass Duct Liner Blanket	6.41	4.11
23 33 53 00-0017 SF 1-1/2", T150, 1.5 LB/CF, Fiberglass Duct Liner Blanket	5.31	4.56
23 33 53 00-0018 SF 2", R7.7, 1.5 LB/CF, T150 Fiberglass Duct Liner Blanket	5.63	5.02
23 33 53 00-0019 SF 2", R8, 2 LB/CF, T200 Fiberglass Duct Liner Blanket	8.84	5.02
23 33 56 Duct Air Extractors <small>(23 33)</small>		
23 33 56 00-0001 EA 12" x 4" Duct Air Extractor <i>For Stainless Steel, Add</i>	69.73 25.38	25.11
23 33 56 00-0002 EA 8" x 6" Duct Air Extractor <i>For Stainless Steel, Add</i>	74.30 25.38	27.39
23 33 56 00-0003 EA 12" x 6" Duct Air Extractor <i>For Stainless Steel, Add</i>	84.83 35.11	28.91
23 33 56 00-0004 EA 16" x 6" Duct Air Extractor <i>For Stainless Steel, Add</i>	95.13 44.54	30.44
23 33 56 00-0005 EA 24" x 6" Duct Air Extractor <i>For Stainless Steel, Add</i>	123.52 73.54	33.47
23 33 56 00-0006 EA 12" x 8" Duct Air Extractor <i>For Stainless Steel, Add</i>	91.14 39.36	30.44
23 33 56 00-0007 EA 20" x 8" Duct Air Extractor <i>For Stainless Steel, Add</i>	119.90 56.97	38.04
23 33 56 00-0008 EA 18" x 10" Duct Air Extractor <i>For Stainless Steel, Add</i>	129.76 55.94	43.36
23 33 56 00-0009 EA 24" x 10" Duct Air Extractor <i>For Stainless Steel, Add</i>	157.72 72.50	50.96
23 33 56 00-0010 EA 24" x 12" Duct Air Extractor <i>For Stainless Steel, Add</i>	181.49 77.69	60.87
23 33 56 00-0011 EA 30" x 12" Duct Air Extractor <i>For Stainless Steel, Add</i>	227.07 97.37	76.08
23 33 59 Duct Pressure Relief Doors <small>(23 33)</small>		
23 33 59 00-0001 Duct Pressure Relief Doors <small>(23 33 59)</small>		
23 33 59 00-0002 EA 18" x 18" Duct Pressure Relief Door (Ruskin PRD18)	1,255.46	45.65
23 33 59 00-0003 EA 24" x 10" Duct Pressure Relief Door (Ruskin PRD18)	1,031.92	38.04
23 33 59 00-0004 EA 24" x 12" Duct Pressure Relief Door (Ruskin PRD18)	1,025.67	41.85
23 34 HVAC Fans <small>(23 30)</small>		
23 34 13 Axial HVAC Fans <small>(23 34)</small>		
23 34 13 00-0001 Tube-Axial Fans <small>(23 34 13)</small>		
23 34 13 00-0002 Direct Drive Tube-Axial Duct Fans <small>(23 34 13 00-0001)</small>		
23 34 13 00-0003 EA 12" Direct Drive Axial Flow Fan, 1/6 HP 1,060 CFM Constant Speed, 1/8" Static Pressure <i>For 1/2" Static Pressure, Add</i> <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i>	2,069.08 249.38 90.68 181.37	467.30
23 34 13 00-0004 EA 12" Direct Drive Axial Flow Fan, 1/2 HP 2,095 CFM Constant Speed, 1/8" Static Pressure <i>For 1/2" Static Pressure, Add</i> <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i>	2,150.05 267.20 97.16 194.32	468.69

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 30 HVAC Air Distribution

23 34 HVAC Fans



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
23 34	13 00-0005	EA	16" Direct Drive Axial Flow Fan, 1/3 HP 2,490 CFM Constant Speed, 1/8" Static Pressure.....	2,311.99	467.30	
			<i>For 1/2" Static Pressure, Add</i>	302.82		
			<i>For 1/4" Static Pressure, Add</i>	110.12		
			<i>For 3/8" Static Pressure, Add</i>	220.24		
23 34	13 00-0006	EA	20" Direct Drive Axial Flow Fan, 3/4 HP 4,130 CFM Constant Speed, 1/8" Static Pressure.....	2,473.93	468.69	
			<i>For 1/2" Static Pressure, Add</i>	338.45		
			<i>For 1/4" Static Pressure, Add</i>	123.07		
			<i>For 3/8" Static Pressure, Add</i>	246.15		
23 34	13 00-0007	EA	22" Direct Drive Axial Flow Fan, 3/4 HP 4,700 CFM Constant Speed, 1/8" Static Pressure.....	2,903.94	561.32	
			<i>For 1/2" Static Pressure, Add</i>	391.89		
			<i>For 1/4" Static Pressure, Add</i>	142.50		
			<i>For 3/8" Static Pressure, Add</i>	285.01		
23 34	13 00-0008	EA	24" Direct Drive Axial Flow Fan, 1 HP 5,850 CFM Constant Speed, 1/8" Static Pressure.....	3,325.44	610.43	
			<i>For 1/2" Static Pressure, Add</i>	463.14		
			<i>For 1/4" Static Pressure, Add</i>	168.42		
			<i>For 3/8" Static Pressure, Add</i>	336.83		
23 34	13 00-0009	EA	24" Direct Drive Axial Flow Fan, 1-1/2 HP 7,925 CFM Constant Speed, 1/8" Static Pressure.....	3,522.62	667.97	
			<i>For 1/2" Static Pressure, Add</i>	480.96		
			<i>For 1/4" Static Pressure, Add</i>	174.89		
			<i>For 3/8" Static Pressure, Add</i>	349.79		
23 34	13 00-0010	EA	30" Direct Drive Axial Flow Fan, 1 HP 10,640 CFM Constant Speed, 1/8" Static Pressure.....	3,994.29	701.64	
			<i>For 1/2" Static Pressure, Add</i>	570.02		
			<i>For 1/4" Static Pressure, Add</i>	207.28		
			<i>For 3/8" Static Pressure, Add</i>	414.56		
23 34	13 00-0011	EA	30" Direct Drive Axial Flow Fan, 2-1/2 HP 14,765 CFM Constant Speed, 1/8" Static Pressure.....	4,830.92	877.05	
			<i>For 1/2" Static Pressure, Add</i>	676.90		
			<i>For 1/4" Static Pressure, Add</i>	246.14		
			<i>For 3/8" Static Pressure, Add</i>	492.29		
23 34	13 00-0012	EA	36" Direct Drive Axial Flow Fan, 2 HP 16,780 CFM Constant Speed, 1/8" Static Pressure.....	5,433.67	935.99	
			<i>For 1/2" Static Pressure, Add</i>	783.78		
			<i>For 1/4" Static Pressure, Add</i>	285.01		
			<i>For 3/8" Static Pressure, Add</i>	570.02		
23 34	13 00-0013	EA	36" Direct Drive Axial Flow Fan, 5 HP 22,920 CFM Constant Speed, 1/8" Static Pressure.....	6,369.27	1,079.12	
			<i>For 1/2" Static Pressure, Add</i>	926.28		
			<i>For 1/4" Static Pressure, Add</i>	336.83		
			<i>For 3/8" Static Pressure, Add</i>	673.66		
23 34	13 00-0014	Belt Drive Tube-Axial Duct Fans (23 34 13 00-0001)				
23 34	13 00-0015	EA	15" Belt Drive Axial Flow Fan, 1/3 HP 2,800 CFM Constant Speed, 1/8" Static Pressure.....	1,965.84	453.26	
			<i>For 1/2" Static Pressure, Add</i>	233.31		
			<i>For 1/4" Static Pressure, Add</i>	84.84		
			<i>For 3/8" Static Pressure, Add</i>	169.68		
23 34	13 00-0016	EA	15" Belt Drive Axial Flow Fan, 1/2 HP 3,400 CFM Constant Speed, 1/8" Static Pressure.....	2,079.73	468.69	
			<i>For 1/2" Static Pressure, Add</i>	251.73		
			<i>For 1/4" Static Pressure, Add</i>	91.54		
			<i>For 3/8" Static Pressure, Add</i>	183.07		
23 34	13 00-0017	EA	18" Belt Drive Axial Flow Fan, 1/3 HP 3,280 CFM Constant Speed, 1/8" Static Pressure.....	2,149.20	484.13	
			<i>For 1/2" Static Pressure, Add</i>	259.91		
			<i>For 1/4" Static Pressure, Add</i>	94.51		
			<i>For 3/8" Static Pressure, Add</i>	189.03		
23 34	13 00-0018	EA	18" Belt Drive Axial Flow Fan, 1/2 HP 3,900 CFM Constant Speed, 1/8" Static Pressure.....	2,270.59	500.97	
			<i>For 1/2" Static Pressure, Add</i>	279.02		
			<i>For 1/4" Static Pressure, Add</i>	101.46		
			<i>For 3/8" Static Pressure, Add</i>	202.92		
23 34	13 00-0019	EA	18" Belt Drive Axial Flow Fan, 1 HP 5,250 CFM Constant Speed, 1/8" Static Pressure.....	2,543.38	520.62	
			<i>For 1/2" Static Pressure, Add</i>	330.86		
			<i>For 1/4" Static Pressure, Add</i>	120.31		
			<i>For 3/8" Static Pressure, Add</i>	240.63		
23 34	13 00-0020	EA	24" Belt Drive Axial Flow Fan, 1/2 HP 4,800 CFM Constant Speed, 1/8" Static Pressure.....	2,679.49	540.26	
			<i>For 1/2" Static Pressure, Add</i>	352.01		
			<i>For 1/4" Static Pressure, Add</i>	128.00		
			<i>For 3/8" Static Pressure, Add</i>	256.01		
23 34	13 00-0021	EA	24" Belt Drive Axial Flow Fan, 1 HP 6,430 CFM Constant Speed, 1/8" Static Pressure.....	2,983.14	561.32	
			<i>For 1/2" Static Pressure, Add</i>	409.31		
			<i>For 1/4" Static Pressure, Add</i>	148.84		
			<i>For 3/8" Static Pressure, Add</i>	297.68		
23 34	13 00-0022	EA	24" Belt Drive Axial Flow Fan, 2 HP 8,860 CFM Constant Speed, 1/8" Static Pressure.....	3,337.57	561.32	
			<i>For 1/2" Static Pressure, Add</i>	487.68		
			<i>For 1/4" Static Pressure, Add</i>	177.34		
			<i>For 3/8" Static Pressure, Add</i>	354.68		
23 34	13 00-0023	EA	30" Belt Drive Axial Flow Fan, 1 HP 9,250 CFM Constant Speed, 1/8" Static Pressure.....	3,853.85	610.43	
			<i>For 1/2" Static Pressure, Add</i>	579.86		
			<i>For 1/4" Static Pressure, Add</i>	210.86		
			<i>For 3/8" Static Pressure, Add</i>	421.72		
23 34	13 00-0024	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,900 CFM Constant Speed, 1/8" Static Pressure.....	4,574.88	739.53	
			<i>For 1/2" Static Pressure, Add</i>	682.19		
			<i>For 1/4" Static Pressure, Add</i>	248.07		
			<i>For 3/8" Static Pressure, Add</i>	496.14		
23 34	13 00-0025	EA	30" Belt Drive Axial Flow Fan, 5 HP 16,150 CFM Constant Speed, 1/8" Static Pressure.....	5,174.82	739.53	
			<i>For 1/2" Static Pressure, Add</i>	812.80		
			<i>For 1/4" Static Pressure, Add</i>	295.56		
			<i>For 3/8" Static Pressure, Add</i>	591.13		
23 34	13 00-0026	EA	36" Belt Drive Axial Flow Fan, 3/4 HP 8,090 CFM Constant Speed, 1/8" Static Pressure.....	5,684.45	780.23	
			<i>For 1/2" Static Pressure, Add</i>	907.56		
			<i>For 1/4" Static Pressure, Add</i>	330.02		
			<i>For 3/8" Static Pressure, Add</i>	660.04		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 13 00-0027 EA 36" Belt Drive Axial Flow Fan, 2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/2" Static Pressure, Add</i> <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i>	6,199.04 1,001.44 364.16 728.32	825.13
23 34 13 00-0028 EA 36" Belt Drive Axial Flow Fan, 7-1/2 HP 14,475 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/2" Static Pressure, Add</i> <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i>	7,113.64 1,091.50 396.91 793.82	1,079.12
23 34 13 00-0029 EA 36" Belt Drive Axial Flow Fan, 5 HP 20,080 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/2" Static Pressure, Add</i> <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i>	8,063.58 1,300.49 472.90 945.81	1,080.53
23 34 13 00-0030 EA 42" Belt Drive Axial Flow Fan, 7-1/2 HP 29,000 CFM Constant Speed, 1/8" Static Pressure..... <i>For 1/2" Static Pressure, Add</i> <i>For 1/4" Static Pressure, Add</i> <i>For 3/8" Static Pressure, Add</i>	9,128.58 1,449.01 526.91 1,053.82	1,275.30
23 34 16 Centrifugal HVAC Fans (23 34)		
23 34 16 00-0001 Centrifugal Fans (23 34 16) Note: All belt fans to be supplied with belt guard.		
23 34 16 00-0002 Utility Backward Inclined Steel Wheel Centrifugal Fans (23 34 16 00-0001) Note: V-belt driven.		
23 34 16 00-0003 Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002) Note: Under 30" diameter wheel.		
23 34 16 00-0004 12-1/4" Diameter Wheel 650 To 2,950 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0005 EA 1/6 HP, 12-1/4" Wheel, 450 To 1,750 CFM At 1/8" Static Pressure, Centrifugal Fan	1,311.38	308.31
23 34 16 00-0006 EA 1/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,835.06	319.95
23 34 16 00-0007 EA 1/3 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,891.19	254.98
23 34 16 00-0008 EA 1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	1,974.18	349.42
23 34 16 00-0009 EA 3/4 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,027.30	370.46
23 34 16 00-0010 EA 1 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,093.49	385.90
23 34 16 00-0011 EA 1-1/2 HP, 12-1/4" Wheel, 650 To 2,950 CFM At 1/8" Static Pressure, Centrifugal Fan	2,163.78	411.17
23 34 16 00-0012 13-1/2" Diameter Wheel 734 To 3,343 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0013 EA 1/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,104.07	336.79
23 34 16 00-0014 EA 1/3 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,144.58	349.42
23 34 16 00-0015 EA 1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,218.86	370.46
23 34 16 00-0016 EA 3/4 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,263.49	385.90
23 34 16 00-0017 EA 1 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,344.98	411.17
23 34 16 00-0018 EA 1-1/2 HP Centrifugal Fan, 13-1/2" Wheel, 734 - 3,343 CFM At 1/8" Static Pressure	2,423.57	430.81
23 34 16 00-0019 15" Diameter Wheel 1,258 To 4,146 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0020 EA 1/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,123.33	349.42
23 34 16 00-0021 EA 1/3 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,176.36	370.46
23 34 16 00-0022 EA 1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,242.24	385.90
23 34 16 00-0023 EA 3/4 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,302.47	411.17
23 34 16 00-0024 EA 1 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,373.99	430.81
23 34 16 00-0025 EA 1-1/2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,476.05	463.08
23 34 16 00-0026 EA 2 HP Centrifugal Fan, 15" Wheel, 1,258 - 4,146 CFM At 1/8" Static Pressure	2,555.48	486.94
23 34 16 00-0027 16-1/2" Diameter Wheel 977 To 4,711 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0028 EA 1/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,420.74	370.46
23 34 16 00-0029 EA 1/3 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,508.69	385.90
23 34 16 00-0030 EA 1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,609.31	411.17
23 34 16 00-0031 EA 3/4 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,664.32	430.81
23 34 16 00-0032 EA 1 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,739.28	463.08
23 34 16 00-0033 EA 1-1/2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	2,802.21	486.94
23 34 16 00-0034 EA 2 HP Centrifugal Fan, 16-1/2" Wheel, 977 - 4,711 CFM At 1/8" Static Pressure	3,107.55	529.04
23 34 16 00-0035 18-1/4" Diameter Wheel 2,193 To 6,498 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0036 EA 1/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,502.56	385.90
23 34 16 00-0037 EA 1/3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,568.09	411.17
23 34 16 00-0038 EA 1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,650.25	430.81
23 34 16 00-0039 EA 3/4 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,720.45	463.08
23 34 16 00-0040 EA 1 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,810.49	486.94
23 34 16 00-0041 EA 1-1/2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	2,948.18	529.04
23 34 16 00-0042 EA 2 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,039.28	561.32
23 34 16 00-0043 EA 3 HP Centrifugal Fan, 18-1/4" Wheel, 2,193 - 6,498 CFM At 1/8" Static Pressure	3,178.06	617.45
23 34 16 00-0044 20" Diameter Wheel 2,412 To 7,364 CFM At 1/8" Static Pressure (23 34 16 00-0003)		
23 34 16 00-0045 EA 1/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,536.23	411.17
23 34 16 00-0046 EA 1/3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,618.35	430.81

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 34 16 00-0047	EA	1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,720.45		463.08
23 34 16 00-0048	EA	3/4 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,810.49		486.94
23 34 16 00-0049	EA	1 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	2,980.05		529.04
23 34 16 00-0050	EA	1-1/2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,207.75		561.32
23 34 16 00-0051	EA	2 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,379.34		617.45
23 34 16 00-0052	EA	3 HP Centrifugal Fan, 20" Wheel, 2,412 - 7,364 CFM At 1/8" Static Pressure	3,552.42		660.95
23 34 16 00-0053		22-1/4" Diameter Wheel 2,265 To 8,483 CFM At 1/8" Static Pressure (23 34 16 00-0003)			
23 34 16 00-0054	EA	1/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,025.67		430.81
23 34 16 00-0055	EA	1/3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,090.88		463.08
23 34 16 00-0056	EA	1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,173.52		486.94
23 34 16 00-0057	EA	3/4 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,281.10		529.04
23 34 16 00-0058	EA	1 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,415.57		561.32
23 34 16 00-0059	EA	1-1/2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,476.72		617.45
23 34 16 00-0060	EA	2 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,573.67		660.95
23 34 16 00-0061	EA	3 HP Centrifugal Fan, 22-1/4" Wheel, 2,265 - 8,483 CFM At 1/8" Static Pressure	3,747.07		740.93
23 34 16 00-0062		24-1/2" Diameter Wheel 3,055 To 11,380 CFM At 1/8" Static Pressure (23 34 16 00-0003)			
23 34 16 00-0063	EA	1/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,620.05		463.08
23 34 16 00-0064	EA	1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,755.70		529.04
23 34 16 00-0065	EA	3/4 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	3,878.67		561.32
23 34 16 00-0066	EA	1 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,016.85		617.45
23 34 16 00-0067	EA	1-1/2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,136.80		660.95
23 34 16 00-0068	EA	2 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,257.09		740.93
23 34 16 00-0069	EA	3 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,407.84		805.48
23 34 16 00-0070	EA	5 HP Centrifugal Fan, 24-1/2" Wheel, 3,055 - 11,380 CFM At 1/8" Static Pressure	4,750.25		926.17
23 34 16 00-0071		27" Diameter Wheel 2,734 To 13,266 CFM At 1/8" Static Pressure (23 34 16 00-0003)			
23 34 16 00-0072	EA	1/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,002.29		486.94
23 34 16 00-0073	EA	1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,144.32		561.32
23 34 16 00-0074	EA	3/4 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,282.48		617.45
23 34 16 00-0075	EA	1 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,402.44		660.95
23 34 16 00-0076	EA	1-1/2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,575.85		740.93
23 34 16 00-0077	EA	2 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	4,726.27		805.48
23 34 16 00-0078	EA	3 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,091.26		926.17
23 34 16 00-0079	EA	5 HP Centrifugal Fan, 27" Wheel, 2,734 - 13,266 CFM At 1/8" Static Pressure	5,171.80		1,028.60
23 34 16 00-0080		Large Industrial Type Utility Backward Centrifugal Fans (23 34 16 00-0002)			
		Note: Over 30" diameter wheel.			
23 34 16 00-0081		30" Diameter Wheel 4,926 To 17,456 CFM At 1/8" Static Pressure (23 34 16 00-0080)			
23 34 16 00-0082	EA	1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,584.09		617.45
23 34 16 00-0083	EA	3/4 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,699.86		660.95
23 34 16 00-0084	EA	1 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	5,882.76		740.93
23 34 16 00-0085	EA	1-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,043.81		805.48
23 34 16 00-0086	EA	2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,290.93		926.17
23 34 16 00-0087	EA	3 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,510.58		1,028.60
23 34 16 00-0088	EA	5 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	6,886.19		1,234.89
23 34 16 00-0089	EA	7-1/2 HP Centrifugal Fan, 30" Wheel, 4,926 - 17,456 CFM At 1/8" Static Pressure	7,231.17		1,424.33
23 34 16 00-0090		33" Diameter Wheel 5,734 To 19,799 CFM At 1/8" Static Pressure (23 34 16 00-0080)			
23 34 16 00-0091	EA	1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,527.51		660.95
23 34 16 00-0092	EA	3/4 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,754.04		740.93
23 34 16 00-0093	EA	1 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	6,957.91		805.48
23 34 16 00-0094	EA	1-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,247.21		926.17
23 34 16 00-0095	EA	2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,509.38		1,028.60
23 34 16 00-0096	EA	3 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	7,927.47		1,234.89
23 34 16 00-0097	EA	5 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	8,380.27		1,424.33
23 34 16 00-0098	EA	7-1/2 HP Centrifugal Fan, 33" Wheel, 5,734 - 19,799 CFM At 1/8" Static Pressure	9,075.50		1,852.33
23 34 16 00-0099		36-1/2" Diameter Wheel 5,388 To 22,500 CFM At 1/8" Static Pressure (23 34 16 00-0080)			
23 34 16 00-0100	EA	1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	6,979.31		740.93
23 34 16 00-0101	EA	3/4 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,189.55		805.48
23 34 16 00-0102	EA	1 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	7,829.47		926.17
23 34 16 00-0103	EA	1-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,268.03		1,028.60
23 34 16 00-0104	EA	2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	8,835.13		1,234.89
23 34 16 00-0105	EA	3 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	9,281.24		1,424.33
23 34 16 00-0106	EA	5 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	10,227.42		1,852.33
23 34 16 00-0107	EA	7-1/2 HP Centrifugal Fan, 36-1/2" Wheel, 5,388 - 22,500 CFM At 1/8" Static Pressure	11,056.00		2,315.41
23 34 16 00-0108		Kitchen System Fans (23 34 16 00-0001)			
23 34 16 00-0109		Uplblast Kitchen Exhaust Fans (23 34 16 00-0108)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0110 Direct Drive Kitchen Upblast Exhaust Fans <small>(23 34 16 00-0109)</small>		
Note: Greenheck CUE.		
23 34 16 00-0111 EA Up To 12" Wheel Diameter, 1/6 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,445.63	182.42
Note: 115V. For roof or wall installations. Includes disconnect switch.		
<i>For Bird Screen, Add</i> 61.24		
<i>For Backdraft Damper, Add</i> 180.24		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0112 EA 14" Wheel Diameter, 1/4 HP Direct Drive, Kitchen Upblast Exhaust Fan	1,688.91	182.42
Note: 115V. For roof or wall installations. Includes disconnect switch.		
<i>For Bird Screen, Add</i> 61.24		
<i>For Backdraft Damper, Add</i> 180.24		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0113 Belt Drive Kitchen Upblast Exhaust Fans <small>(23 34 16 00-0109)</small>		
Note: Greenheck CUBE.		
23 34 16 00-0114 EA 10" Diameter Wheel, Up To 1/3 HP, 1,458 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,457.45	182.42
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i> 177.87		
<i>For Grease Trap Kit, Add</i> 76.41		
<i>For Totally Enclosed Motor, Add</i> 85.00		
<i>For 3 Phase Motor, Deduct</i> -50.00		
<i>For Bird Screen, Add</i> 61.24		
<i>For Wall Mounted Fan, Add</i> 98.30		
<i>For Backdraft Damper, Add</i> 180.24		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0115 EA 12" Diameter Wheel, 1/2 HP, 1,923 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,563.03	182.42
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i> 186.85		
<i>For Grease Trap Kit, Add</i> 76.41		
<i>For Totally Enclosed Motor, Add</i> 85.00		
<i>For 3 Phase Motor, Deduct</i> -50.00		
<i>For Bird Screen, Add</i> 61.24		
<i>For Wall Mounted Fan, Add</i> 102.52		
<i>For Backdraft Damper, Add</i> 180.24		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0116 EA 14" Diameter Wheel, 1/3 HP, 2,006 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,211.62	210.50
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i> 152.20		
<i>For Grease Trap Kit, Add</i> 76.41		
<i>For Totally Enclosed Motor, Add</i> 85.00		
<i>For 3 Phase Motor, Deduct</i> -50.00		
<i>For Bird Screen, Add</i> 69.68		
<i>For Wall Mounted Fan, Add</i> 88.46		
<i>For Backdraft Damper, Add</i> 204.58		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0117 EA 14" Diameter Wheel, 1 HP, 2,757 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,363.65	210.50
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i> 165.13		
<i>For Grease Trap Kit, Add</i> 76.41		
<i>For Totally Enclosed Motor, Add</i> 85.00		
<i>For 3 Phase Motor, Deduct</i> -50.00		
<i>For Bird Screen, Add</i> 69.68		
<i>For Wall Mounted Fan, Add</i> 94.55		
<i>For Backdraft Damper, Add</i> 204.58		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0118 EA 16" Diameter Wheel, 1/2 HP, 2,940 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	2,999.73	245.58
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i> 213.23		
<i>For Grease Trap Kit, Add</i> 76.41		
<i>For Totally Enclosed Motor, Add</i> 85.00		
<i>For 3 Phase Motor, Deduct</i> -50.00		
<i>For Bird Screen, Add</i> 69.68		
<i>For Wall Mounted Fan, Add</i> 119.99		
<i>For Backdraft Damper, Add</i> 204.58		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0119 EA 16" Diameter Wheel, 1 HP, 3,129 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	3,162.32	245.58
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i> 227.05		
<i>For Grease Trap Kit, Add</i> 76.41		
<i>For Totally Enclosed Motor, Add</i> 85.00		
<i>For 3 Phase Motor, Deduct</i> -50.00		
<i>For Bird Screen, Add</i> 69.68		
<i>For Wall Mounted Fan, Add</i> 126.49		
<i>For Backdraft Damper, Add</i> 204.58		
<i>For Damper Motor, Add</i> 291.45		
23 34 16 00-0120 EA 18" Diameter Wheel, 1/2 HP, 3,243 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	3,444.46	263.12
Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i> 248.05		
<i>For Grease Trap Kit, Add</i> 76.41		
<i>For Totally Enclosed Motor, Add</i> 85.00		
<i>For 3 Phase Motor, Deduct</i> -50.00		
<i>For Bird Screen, Add</i> 116.14		
<i>For Wall Mounted Fan, Add</i> 137.78		
<i>For Backdraft Damper, Add</i> 254.91		
<i>For Damper Motor, Add</i> 291.45		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 34 16 00-0121	EA	18" Diameter Wheel, 1 HP, 4,223 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	3,697.85		263.12
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	269.59		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For 3 Phase Motor, Deduct	-50.00		
		For Bird Screen, Add	116.14		
		For Wall Mounted Fan, Add	147.91		
		For Backdraft Damper, Add	254.91		
		For Damper Motor, Add	291.45		
23 34 16 00-0122	EA	20" Diameter Wheel, 3/4 HP, 4,438 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	3,762.51		280.66
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	272.10		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For 3 Phase Motor, Deduct	-50.00		
		For Bird Screen, Add	116.14		
		For Wall Mounted Fan, Add	150.50		
		For Backdraft Damper, Add	254.91		
		For Damper Motor, Add	291.45		
23 34 16 00-0123	EA	20" Diameter Wheel, 2 HP, 6,450 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	4,119.37		280.66
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	302.43		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For 3 Phase Motor, Deduct	-50.00		
		For Bird Screen, Add	116.14		
		For Wall Mounted Fan, Add	164.77		
		For Backdraft Damper, Add	254.91		
		For Damper Motor, Add	291.45		
23 34 16 00-0124	EA	24" Diameter Wheel, 3/4 HP, 5,460 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	4,742.77		315.74
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	349.46		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For 3 Phase Motor, Deduct	-50.00		
		For Bird Screen, Add	137.25		
		For Wall Mounted Fan, Add	189.71		
		For Backdraft Damper, Add	276.36		
		For Damper Motor, Add	291.45		
23 34 16 00-0125	EA	24" Diameter Wheel, 2 HP, 7,985 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	5,070.06		315.74
		Note: 115/208-230/60/1. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	377.28		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For 3 Phase Motor, Deduct	-50.00		
		For Bird Screen, Add	137.25		
		For Wall Mounted Fan, Add	202.80		
		For Backdraft Damper, Add	276.36		
		For Damper Motor, Add	291.45		
23 34 16 00-0126	EA	30" Diameter Wheel, 3/4 HP, 7,771 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	6,003.87		350.82
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	450.69		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For Bird Screen, Add	147.81		
		For Wall Mounted Fan, Add	240.15		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		
23 34 16 00-0127	EA	30" Diameter Wheel, 2 HP, 10,192 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	6,111.56		350.82
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	459.84		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For Bird Screen, Add	147.81		
		For Wall Mounted Fan, Add	244.46		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		
23 34 16 00-0128	EA	30" Diameter Wheel, 3 HP, 11,903 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	6,658.46		350.82
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	506.33		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For Bird Screen, Add	147.81		
		For Wall Mounted Fan, Add	266.34		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		
23 34 16 00-0129	EA	30" Diameter Wheel, 5 HP, 14,266 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan	6,922.41		350.82
		Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.			
		For Hinged Curb Kit, Add	528.77		
		For Grease Trap Kit, Add	76.41		
		For Totally Enclosed Motor, Add	85.00		
		For Bird Screen, Add	147.81		
		For Wall Mounted Fan, Add	276.90		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0130 EA 36" Diameter Wheel, 3 HP , 14,769 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	7,622.15	385.90
Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i>	582.28	
<i>For Grease Trap Kit, Add</i>	76.41	
<i>For Totally Enclosed Motor, Add</i>	85.00	
<i>For Bird Screen, Add</i>	168.93	
<i>For Wall Mounted Fan, Add</i>	304.89	
<i>For Damper Motor, Add</i>	291.45	
<i>For Backdraft Damper, Add</i>	360.08	
23 34 16 00-0131 EA 36" Diameter Wheel, 5 HP , 17,884 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	7,925.69	385.90
Note: 115/208-230/60/3. Includes heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i>	608.08	
<i>For Grease Trap Kit, Add</i>	76.41	
<i>For Totally Enclosed Motor, Add</i>	85.00	
<i>For Bird Screen, Add</i>	168.93	
<i>For Wall Mounted Fan, Add</i>	317.03	
<i>For Damper Motor, Add</i>	291.45	
<i>For Backdraft Damper, Add</i>	360.08	
23 34 16 00-0132 EA 42" Diameter Wheel, 3 HP , 17,316 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	8,004.36	420.98
Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i>	608.81	
<i>For Grease Trap Kit, Add</i>	76.41	
<i>For Totally Enclosed Motor, Add</i>	85.00	
<i>For Bird Screen, Add</i>	168.93	
<i>For Damper Motor, Add</i>	291.45	
<i>For Backdraft Damper, Add</i>	417.74	
23 34 16 00-0133 EA 42" Diameter Wheel, 7-1/2 HP , 24,604 CFM At 1/4" Static Pressure, Belt Drive, Kitchen Upblast Exhaust Fan.....	8,670.78	420.98
Note: 230/460/60/3. Includes birdscreen, heat baffle, grease baffle and disconnect switch.		
<i>For Hinged Curb Kit, Add</i>	665.45	
<i>For Grease Trap Kit, Add</i>	76.41	
<i>For Totally Enclosed Motor, Add</i>	85.00	
<i>For Bird Screen, Add</i>	168.93	
<i>For Damper Motor, Add</i>	291.45	
<i>For Backdraft Damper, Add</i>	417.74	
23 34 16 00-0134 Untempered Kitchen Make-Up Air Fans <small>(23 34 16 00-0108)</small>		
Note: Roof mounted with downblast discharge, weatherhood and filter.		
23 34 16 00-0135 Direct Drive Kitchen Make-Up Air Fans <small>(23 34 16 00-0134)</small>		
23 34 16 00-0136 EA 7" Diameter Wheel, 1/2 HP Direct Drive, Kitchen Make-Up Air Fan	1,670.20	182.42
Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	286.98	
23 34 16 00-0137 EA 8" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan	1,752.85	182.42
Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	299.38	
23 34 16 00-0138 EA 9" Diameter Wheel, 1 HP Direct Drive, Kitchen Make-Up Air Fan	1,854.27	182.42
Note: 115V. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	314.59	
23 34 16 00-0139 Belt Drive Kitchen Make-Up Air Fans <small>(23 34 16 00-0134)</small>		
23 34 16 00-0140 EA 9" Diameter Wheel, 1/2 HP Belt Drive, Kitchen Make-Up Air Fan	1,893.61	182.42
Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	320.49	
23 34 16 00-0141 EA 10" Diameter Wheel, 1-1/2 HP Belt Drive, Kitchen Make-Up Air Fan	2,132.66	245.58
Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	369.01	
23 34 16 00-0142 EA 12" Diameter Wheel, 2 HP Belt Drive, Kitchen Make-Up Air Fan	2,567.34	280.66
Note: 115/208-230/60/1. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	441.23	
23 34 16 00-0143 EA 15" Diameter Wheel, 3 HP Belt Drive, Kitchen Make-Up Air Fan	2,982.17	350.82
Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	517.49	
23 34 16 00-0144 EA 18" Diameter Wheel, 5 HP Belt Drive, Kitchen Make-Up Air Fan	3,608.10	420.98
Note: 230/460/60/3. For roof installations. Includes downblast discharge, weatherhood, filter and disconnect switch.		
<i>For Extended Weatherhood, Add</i>	625.41	
23 34 16 00-0145 Replacement Parts <small>(23 34 16 00-0001)</small>		
23 34 16 00-0146 Replace Belts And Accessories <small>(23 34 16 00-0145)</small>		
23 34 16 00-0147 EA Fan Shaft Bearing, Replacement.....	799.05	352.45
23 34 16 00-0148 EA Fan Belt, Replacement.....	133.30	47.80
23 34 16 00-0149 Corrosive Fume Resistant Plastic <small>(23 34 16 00-0001)</small>		
23 34 16 00-0150 Centrifugal Roof Ventilators, Belt Drive, 1/4" Static Pressure <small>(23 34 16 00-0149)</small>		
23 34 16 00-0151 EA 250 CFM, 1/4 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic.....	6,276.31	253.36
<i>For Explosion Proof Motor, Add</i>	865.44	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0152	EA		895 CFM, 1/3 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	6,827.85 932.88	304.34
23 34 16 00-0153	EA		1,630 CFM, 1/2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	8,103.97 1,101.47	380.42
23 34 16 00-0154	EA		2,240 CFM, 1 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	8,732.84 1,157.67	507.47
23 34 16 00-0155	EA		3,810 CFM, 2 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	10,063.68 1,281.30	760.83
23 34 16 00-0156	EA		11,760 CFM, 5 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	17,429.89 2,157.98	1,521.66
23 34 16 00-0157	EA		18,810 CFM, 10 HP Roof Ventilator, Centrifugal, Belt Drive, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	25,405.71 3,158.30	2,175.22
23 34 16 00-0158			Utility Set, Centrifugal, Belt Drive (23 34 16 00-0149)		
23 34 16 00-0159	EA		1,200 CFM, 1/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	6,276.31 865.44	253.36
23 34 16 00-0160	EA		1,520 CFM, 1/3 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	6,453.20 876.68	304.34
23 34 16 00-0161	EA		1,850 CFM, 1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	6,605.37 876.68	380.42
23 34 16 00-0162	EA		2,180 CFM, 3/4 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	6,859.59 876.68	507.47
23 34 16 00-0163	EA		3,600 CFM, 1 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	9,464.24 1,191.39	760.83
23 34 16 00-0164	EA		4,250 CFM, 1-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	9,844.67 1,191.39	951.04
23 34 16 00-0165	EA		4,800 CFM, 2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	10,119.15 1,191.39	1,088.29
23 34 16 00-0166	EA		6,920 CFM, 5 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	10,374.94 1,213.87	1,141.25
23 34 16 00-0167	EA		7,700 CFM, 7-1/2 HP Utility Set, Centrifugal, Belt Drive, 1/4 Static Pressure, Corrosive Fume Resistant Plastic..... <i>For Explosion Proof Motor, Add</i>	10,703.48 1,225.11	1,268.00
23 34 16 00-0168			In-Line Duct Fans (23 34 16 00-0001)		
23 34 16 00-0169			Direct Drive In-Line Duct Fans (23 34 16 00-0168) Note: Greenheck SQ.		
23 34 16 00-0170	EA		Up To 10" Wheel Diameter, 1/16 HP Direct Drive, In Line Duct Fan..... Note: 115V. Includes disconnect switch.	1,721.97	182.42
23 34 16 00-0171	EA		13" Wheel Diameter, 1/6 HP Direct Drive, In Line Duct Fan..... Note: 115V. Includes disconnect switch.	2,192.17	196.46
23 34 16 00-0172	EA		14" Wheel Diameter, 1/3 HP Direct Drive, In Line Duct Fan..... Note: 115V. Includes disconnect switch.	2,402.70	210.50
23 34 16 00-0173			Belt Drive In-Line Duct Fans (23 34 16 00-0168) Note: Greenheck BSQ.		
23 34 16 00-0174	EA		Up To 12" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan..... Note: 115/208-230/60/1. Includes disconnect switch.	2,508.25	210.50
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0175	EA		13" Or 14" Wheel Diameter, 1/4 HP Belt Drive, In Line Duct Fan..... Note: 115/208-230/60/1. Includes disconnect switch.	2,883.67	245.58
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0176	EA		13" Or 14" Wheel Diameter, 3/4 HP Belt Drive, In Line Duct Fan..... Note: 115/208-230/60/1. Includes disconnect switch.	3,235.94	245.58
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0177	EA		13" Or 14" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan..... Note: 115/208-230/60/1. Includes disconnect switch.	3,535.43	245.58
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0178	EA		16" Or 18" Wheel Diameter, 1/3 HP Belt Drive, In Line Duct Fan..... Note: 115/208-230/60/1. Includes disconnect switch.	3,452.99	280.66
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0179	EA		16" Or 18" Wheel Diameter, 1-1/2 HP Belt Drive, In Line Duct Fan..... Note: 115/208-230/60/1. Includes disconnect switch.	3,960.18	280.66
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0180	EA		24" Wheel Diameter, 1 HP Belt Drive, In Line Duct Fan..... Note: 115/208-230/60/1. Includes disconnect switch.	5,037.98	350.82
			<i>For 3 Phase Motor, Deduct</i>	-50.00	
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0181	EA		24" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan..... Note: 230/460/60/3. Includes disconnect switch.	5,317.97	350.82
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0182	EA		24" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan..... Note: Belt drive. 230/460/60/3. Includes disconnect switch.	5,515.34	350.82
			<i>For Totally Enclosed Motor, Add</i>	85.00	
23 34 16 00-0183	EA		30 Or 36" Wheel Diameter, 3 HP Belt Drive, In Line Duct Fan..... Note: 230/460/60/3. Includes disconnect switch.	6,382.14	420.98
			<i>For Totally Enclosed Motor, Add</i>	85.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0184 EA 30 Or 36" Wheel Diameter, 5 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. <i>For Totally Enclosed Motor, Add</i>	6,617.71 85.00	420.98
23 34 16 00-0185 EA 30 Or 36" Wheel Diameter, 7-1/2 HP Belt Drive, In Line Duct Fan Note: 230/460/60/3. Includes disconnect switch. <i>For Totally Enclosed Motor, Add</i>	6,907.20 85.00	420.98
23 34 16 00-0186 In-Line Cabinet Fans (23 34 16 00-0001)		
23 34 16 00-0187 EA 77 - 124 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	563.84	122.78
23 34 16 00-0188 EA 91 - 138 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	563.84	122.78
23 34 16 00-0189 EA 82 - 266 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	637.97	129.80
23 34 16 00-0190 EA 281 - 412 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	702.00	129.80
23 34 16 00-0191 EA 190 CFM, 115 Volt, Direct Drive Cabinet Fan.....	876.89	129.80
23 34 16 00-0192 EA 217 - 447 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	730.58	129.80
23 34 16 00-0193 EA 325 - 545 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	831.08	129.80
23 34 16 00-0194 EA 250 - 545 CFM, 115 Volt, 1/6 HP, Direct Drive In-Line Cabinet Fan.....	1,540.47	129.80
23 34 16 00-0195 EA 419 - 766 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	973.19	136.82
23 34 16 00-0196 EA 334 - 737 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	988.96	136.82
23 34 16 00-0197 EA 350 - 737 CFM, 120 Volt, 1/4 HP, Direct Drive In-Line Cabinet Fan.....	1,603.78	136.82
23 34 16 00-0198 EA 527 - 813 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	988.96	136.82
23 34 16 00-0199 EA 631 - 908 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	1,319.02	136.82
23 34 16 00-0200 EA 752 - 1244 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	1,319.02	136.82
23 34 16 00-0201 EA 1043 - 1584 CFM, 115 Volt, 1/3 HP, Direct Drive In-Line Cabinet Fan.....	1,319.02	136.82
23 34 16 00-0202 EA 999 - 1672 CFM, 115 Volt, Direct Drive In-Line Cabinet Fan.....	1,429.38	136.82
23 34 16 00-0203 Propeller And Ceiling Fans (23 34 16)		
23 34 16 00-0204 Direct Drive, Sidewall Propeller Exhaust Fan (23 34 16 00-0203) Note: Greenheck SE1.		
23 34 16 00-0205 EA 1/25 HP, 307 CFM At 1/8" Static Pressure, 8" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i>	782.46 206.68 292.64	150.15
23 34 16 00-0206 EA 1/12 HP, 763 CFM At 1/8" Static Pressure, 10" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i>	830.91 222.34 292.64	166.99
23 34 16 00-0207 EA 1/8 HP, 1,149 CFM At 1/8" Static Pressure, 12" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan Note: Includes motor side guard. <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i>	920.19 243.79 300.37	185.23
23 34 16 00-0208 EA 1/6 HP, 1,350 CFM At 1/8" Static Pressure, 14" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	1,328.31 291.24 305.99 250.51	204.88
23 34 16 00-0209 EA 1/6 HP, 2,012 CFM At 1/8" Static Pressure, 16" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	1,131.28 291.24 313.74 266.69	227.33
23 34 16 00-0210 EA 1/4 HP, 2,908 CFM At 1/8" Static Pressure, 18" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	1,269.60 353.12 321.46 282.87	252.59
23 34 16 00-0211 EA 1/3 HP, 3,974 CFM At 1/8" Static Pressure, 20" Diameter, Direct Drive, Sidewall Propeller Exhaust Fan <i>For Backdraft Damper, Add</i> <i>For Wall Mount Collar, Add</i> <i>For Motor Side Guard, Add</i>	1,443.81 353.12 327.10 305.39	280.66
23 34 16 00-0212 Belt Drive Propeller Exhaust Fans (23 34 16 00-0203) Note: Wall shutter 1/8" static pressure, with birdscreen.		
23 34 16 00-0213 EA 24" Propeller Exhaust Fan, V-Belt Drive, 5,795 CFM, 1/2 HP, With Wall Shutter.....	2,603.87	401.34
23 34 16 00-0214 EA 30" Propeller Exhaust Fan, V-Belt Drive, 9,060 CFM, 3/4 HP, With Wall Shutter.....	2,985.19	467.30
23 34 16 00-0215 EA 36" Propeller Exhaust Fan, V-Belt Drive, 11,850 CFM, 1 HP, With Wall Shutter.....	3,397.02	561.32
23 34 16 00-0216 EA 42" Propeller Exhaust Fan, V-Belt Drive, 17,400 CFM, 1-1/2 HP, With Wall Shutter.....	4,702.16	701.64
23 34 16 00-0217 EA 48" Propeller Exhaust Fan, V-Belt Drive, 19,870 CFM, 1-1/2 HP, With Wall Shutter.....	5,643.77	935.99
23 34 16 00-0218 EA 54" Propeller Exhaust Fan, V-Belt Drive, 26,000 CFM, 2 HP, With Wall Shutter.....	7,875.19	1,403.29
23 34 16 00-0219 EA 60" Propeller Exhaust Fan, V-Belt Drive, 35,120 CFM, 3 HP, With Wall Shutter.....	9,492.40	1,799.00
23 34 16 00-0220 Propeller Exhaust Fan Accessories (23 34 16 00-0203)		
23 34 16 00-0221 SF Hinged Mesh Screen For Wall Propeller Fans, 1" x 1" Frame (SF Of Fan Opening).....	135.16	
23 34 16 00-0222 SF Galvanized Weather Hood For Wall Propeller Fan (SF Of Fan Opening).....	308.77	
23 34 16 00-0223 Reversible Ceiling Fans (23 34 16 00-0203)		
23 34 16 00-0224 4 Blade Ceiling Fans (23 34 16 00-0223)		
23 34 16 00-0225 EA 42" 4-Blade Ceiling Fan, Three Speed <i>For Brass Plated Motor, Add</i> <i>For Light Kit, Add</i>	552.02 20.25 25.90	53.87

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 34 16 00-0226		5 Blade Ceiling Fans (23 34 16 00-0223)			
23 34 16 00-0227	EA	42" 5-Blade Ceiling Fan, Three Speed For Brass Plated Motor, Add For Light Kit, Add	605.01 20.25 25.95		133.31
23 34 16 00-0228	EA	52" 5-Blade Ceiling Fan, Three Speed For Brass Plated Motor, Add For Light Kit, Add	691.56 20.25 26.06		133.31
23 34 16 00-0229		3 Blade Weatherproof Ceiling Fans (23 34 16 00-0223)			
23 34 16 00-0230	EA	3-Blade Ceiling Fan, Weatherproof, Three Speed	634.22		69.46
23 34 16 00-0231		Ceiling Fan Down Rod (23 34 16 00-0223)			
23 34 16 00-0232	EA	1' Ceiling Fan Down Rod	21.64		
23 34 16 00-0233	EA	1-1/2' Ceiling Fan Down Rod	28.93		
23 34 16 00-0234	EA	2' Ceiling Fan Down Rod	32.58		
23 34 16 00-0235	EA	3' Ceiling Fan Down Rod	44.30		
23 34 16 00-0236	EA	4' Ceiling Fan Down Rod	51.88		
23 34 16 00-0237	EA	5' Ceiling Fan Down Rod	64.08		
23 34 16 00-0238	EA	6' Ceiling Fan Down Rod	80.55		
23 34 16 00-0239		Exhaust Fans (23 34 16)			
23 34 16 00-0240		Exhaust Fans (23 34 16 00-0239) Note: Excludes ducting.			
23 34 16 00-0241		Light Duty Exhaust Fans (23 34 16 00-0240)			
23 34 16 00-0242		Light Duty Exhaust Fans (23 34 16 00-0241)			
23 34 16 00-0243	EA	50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 670)	139.34		43.53
23 34 16 00-0244	EA	70 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan Without Light (Broan® 671)	148.07		43.53
23 34 16 00-0245	EA	180 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 505)	252.88		43.53
23 34 16 00-0246	EA	350 CFM, Ceiling Mounted, Polymeric Intake Grille, Vertical Discharge, Light Duty Exhaust Fan Without Light (Broan® 504)	322.97		43.53
23 34 16 00-0247	EA	160 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 503)	287.39		43.53
23 34 16 00-0248	EA	270 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Side Discharge, Light Duty Exhaust Fan Without Light (Broan® 502)	386.91		43.53
23 34 16 00-0249		Light Duty Exhaust Fans With Lights (23 34 16 00-0241)			
23 34 16 00-0250	EA	50 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 678)	186.03		43.53
23 34 16 00-0251	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 679)	207.90		43.53
23 34 16 00-0252	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Light (Broan® 680)	400.27		43.53
23 34 16 00-0253		Light Duty Exhaust Fans With Heaters (23 34 16 00-0241)			
23 34 16 00-0254	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater Bulb (Broan® 162)	190.77		43.53
23 34 16 00-0255	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater (Broan® 658)	310.71		43.53
23 34 16 00-0256		Light Duty Exhaust Fans With Heaters And Lights (23 34 16 00-0241)			
23 34 16 00-0257	EA	70 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 655)	331.51		43.53
23 34 16 00-0258	EA	100 CFM, Ceiling Mounted, Polymeric Intake Grille, Light Duty Exhaust Fan With Heater And Light (Broan® 100HL)	510.03		43.53
23 34 16 00-0259		Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0240)			
23 34 16 00-0260		Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0259) Note: Includes enamel steel or aluminum grille.			
23 34 16 00-0261	EA	50 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50)	223.80		43.53
23 34 16 00-0262	EA	80 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80)	248.87		43.53
23 34 16 00-0263	EA	109 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L100MG)	465.84		43.53
23 34 16 00-0264	EA	157 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L150MG)	477.46		43.53
23 34 16 00-0265	EA	210 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L200MG)	513.62		43.53
23 34 16 00-0266	EA	259 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L250MG)	536.73		43.53
23 34 16 00-0267	EA	308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300MG)	545.68		43.53
23 34 16 00-0268	EA	434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400)	626.40		43.53
23 34 16 00-0269	EA	514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500)	715.43		43.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 16 00-0270 EA 701 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L700)	766.14	43.53
23 34 16 00-0271 EA 901 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L900)	914.28	43.53
23 34 16 00-0272 EA 1,513 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L1500)	1,178.17	43.53
23 34 16 00-0273 Heavy Duty/Continuous Operation Kitchen Exhaust Fans (23 34 16 00-0259) Note: Includes enamel steel or aluminum grille.		
23 34 16 00-0274 EA 308 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L300KMG)	484.23	43.53
23 34 16 00-0275 EA 434 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L400K)	708.77	43.53
23 34 16 00-0276 EA 514 CFM, Ceiling/Wall Mounted, Metal Intake Grille, Kitchen Heavy Duty/Continuous Operation Exhaust Fan (Broan® LoSone® Ventilator L500K)	750.35	43.53
23 34 16 00-0277 Heavy Duty/Continuous Operation Exhaust Fans With Lights (23 34 16 00-0259)		
23 34 16 00-0278 EA 50 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD50L)	244.33	43.53
23 34 16 00-0279 EA 80 CFM, Ceiling/Wall Mounted, Polymeric Intake Grille, Heavy Duty/Continuous Operation Exhaust Fan With Light (Broan® HD80L)	267.87	43.53
23 34 16 00-0280 Fire Rated, Heavy Duty/Continuous Operation Exhaust Fans (23 34 16 00-0259)		
23 34 16 00-0281 EA 50 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD50RDF)	254.67	43.53
23 34 16 00-0282 EA 80 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® HD80RDF)	270.26	43.53
23 34 16 00-0283 EA 110 CFM, Ceiling Mounted, Metal Intake Grille, Fire Rated, Heavy Duty/Continuous Operation Exhaust Fan (Broan® 110RDF)	277.77	43.53
23 34 16 00-0284 Low Sound, Direct Drive, Centrifugal Ceiling Exhaust Fans (23 34 16 00-0240)		
23 34 16 00-0285 EA 900 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A900)	1,265.78	43.53
23 34 16 00-0286 EA 1050 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1050)	1,265.78	43.53
23 34 16 00-0287 EA 1410 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1410)	1,265.78	43.53
23 34 16 00-0288 EA 1550 CFM Low Sound, Direct Drive Centrifugal Ceiling Exhaust Fan (Greenheck SP-A1550)	1,390.30	43.53
23 34 16 00-0289 Room-To-Room Exhaust Fans (23 34 16 00-0240)		
23 34 16 00-0290 EA 90 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 512)	180.15	43.53
23 34 16 00-0291 EA 180 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 511)	307.45	43.53
23 34 16 00-0292 EA 380 CFM, Polymeric Grilles, Wall Mounted, Room-To-Room Exhaust Fan (Broan® 510)	353.84	43.53
23 34 16 00-0293 Through-Wall Exhaust Fans (23 34 16 00-0240)		
23 34 16 00-0294 EA 250 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 507)	329.59	43.53
23 34 16 00-0295 EA 470 CFM, Wall Mounted, Polymeric Intake Grille, Chain Operated, Through Wall Exhaust Fan (Broan® 506)	393.53	43.53
23 34 16 00-0296 EA 180 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 509)	285.62	43.53
23 34 16 00-0297 EA 270 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan (Broan® 508)	386.91	43.53
23 34 16 00-0298 EA 360 CFM, Wall Mounted, Polymeric Intake Grille, Through-Wall Exhaust Fan With Motorized Door (Broan® 12C)	686.76	43.53
23 34 16 00-0299 Exhaust Fan Accessories (23 34 16 00-0240)		
23 34 16 00-0300 Exhaust Fan Controls (23 34 16 00-0299)		
23 34 16 00-0301 EA Electronic Variable Speed Control Dial, Single Gang, Exhaust Fan Controls (Broan® 57)	180.08	27.21
23 34 16 00-0302 EA 60-Minute Time Control Dial, Single Gang, Exhaust Fan Controls (Broan® 59)	123.53	27.21
23 34 16 00-0303 EA 60-Minute Time Control Dial With Rocker Switch, Double Gang, Exhaust Fan Controls (Broan® 61)	124.88	27.21
23 34 16 00-0304 Roof And Wall Caps For Exhaust Fans (23 34 16 00-0299)		
23 34 16 00-0305 Wall Caps For Exhaust Fans (23 34 16 00-0304)		
23 34 16 00-0306 EA Aluminum Wall Cap For Up To 12" Duct, Installed On Exterior Walls (Broan® 613)	327.08	76.20
23 34 16 00-0307 EA Aluminum Wall Cap For Up To 18" Duct, Installed On Exterior Walls (Broan® 643)	331.53	76.20
23 34 16 00-0308 Roof Caps For Exhaust Fans (23 34 16 00-0304) Note: Includes flashing and built in bird screen.		
23 34 16 00-0309 EA Aluminum Roof Cap For Up To 8" Duct, Installed On Flat Roofs (Broan® 611)	281.13	76.20
23 34 16 00-0310 EA Aluminum Roof Cap For Up To 12" Duct, Installed On Flat Roofs (Broan® 612)	396.75	76.20
23 34 16 00-0311 EA CRCQ Steel Roof Cap For Up To 4" Duct, Installed On Sloped Roofs (Broan® 636)	192.25	76.20
23 34 16 00-0312 EA CRCQ Steel Roof Cap For Up To 8" Duct, Installed On Sloped Roofs (Broan® 634)	226.93	76.20
23 34 16 00-0313 Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan (23 34 16 00-0240) Note: Includes storage and cleaning.		
23 34 16 00-0314 EA Removal And Reinstallation Of Light Duty Ceiling Exhaust Fan	105.24	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 34 16 00-0315		Corrosion Proof Coated Explosion Proof Fans (23 34 16)			
23 34 16 00-0316	EA	1,200 CFM, 1/4 HP, 480 Volt, 3 Phase Centrifugal Fan, Explosion Proof Motor, Backdraft	2,147.02		298.20
23 34 16 00-0317	EA	6,500 CFM, 1 HP, 480 Volt, 3 Phase Centrifugal Fan, Explosion Proof Motor, Backdraft	7,167.32		560.33
23 34 23		HVAC Power Ventilators (23 34)			
23 34 23 00-0001		Power Roof Ventilators (23 34 23)			
23 34 23 00-0002		Direct Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001)			
		Note: Greenheck G.			
23 34 23 00-0003	EA	1/25 HP, 310 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	686.33		200.67
		Note: Three speed motor.			
		For 12" Roof Curb, Add	245.66		
		For Backdraft Damper, Add	167.45		
		For Solid State Speed Control, Add	125.71		
		For Damper Motor, Add	291.45		
23 34 23 00-0004	EA	1/8 HP, 863 CFM At 1/4" Static Pressure, 17" x 17" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	749.28		227.33
		Note: Three speed motor.			
		For 12" Roof Curb, Add	245.66		
		For Backdraft Damper, Add	167.45		
		For Solid State Speed Control, Add	125.71		
		For Damper Motor, Add	291.45		
23 34 23 00-0005	EA	1/6 HP, 1,213 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,050.85		265.22
		For 12" Roof Curb, Add	251.99		
		For Backdraft Damper, Add	180.24		
		For Solid State Speed Control, Add	125.71		
		For Damper Motor, Add	291.45		
23 34 23 00-0006	EA	1/4 HP, 1,374 CFM At 1/4" Static Pressure, 19" x 19" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,086.48		298.90
		For 12" Roof Curb, Add	251.99		
		For Backdraft Damper, Add	180.24		
		For Solid State Speed Control, Add	125.71		
		For Damper Motor, Add	291.45		
23 34 23 00-0007	EA	1/3 HP, 1,905 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,385.35		329.77
		For Solid State Speed Control, Add	125.71		
		For Damper Motor, Add	291.45		
23 34 23 00-0008	EA	1/4 HP, 3,072 CFM At 1/4" Static Pressure, 22" x 22" Base, Direct Drive, Aluminum, Centrifugal Roof Exhauster	1,571.66		350.82
		For 12" Roof Curb, Add	262.55		
		For Backdraft Damper, Add	204.58		
		For Solid State Speed Control, Add	191.17		
		For Damper Motor, Add	291.45		
23 34 23 00-0009		Belt Drive, Aluminum, Centrifugal Roof Exhausters (23 34 23 00-0001)			
		Note: Greenheck GB.			
23 34 23 00-0010	EA	1/4 HP, 1,556 CFM At 1/4" Static Pressure, 19" x 19" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,596.99		357.26
		For 12" Roof Curb, Add	251.99		
		For Backdraft Damper, Add	180.24		
		For Damper Motor, Add	291.45		
23 34 23 00-0011	EA	1/3 HP, 1,966 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	1,737.89		379.26
		For 12" Roof Curb, Add	262.55		
		For Backdraft Damper, Add	204.58		
		For Damper Motor, Add	291.45		
23 34 23 00-0012	EA	1/2 HP, 2,943 CFM At 1/4" Static Pressure, 22" x 22" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,331.26		453.26
		For 12" Roof Curb, Add	262.55		
		For Backdraft Damper, Add	204.58		
		For Damper Motor, Add	291.45		
23 34 23 00-0013	EA	3/4 HP, 4,289 CFM At 1/4" Static Pressure, 30" x 30" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	2,967.83		561.32
		For 12" Roof Curb, Add	313.23		
		For Backdraft Damper, Add	254.91		
		For Damper Motor, Add	291.45		
23 34 23 00-0014	EA	1 HP, 6,157 CFM At 1/4" Static Pressure, 34" x 34" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	3,900.89		701.64
		For 12" Roof Curb, Add	336.46		
		For Backdraft Damper, Add	276.36		
		For Damper Motor, Add	291.45		
23 34 23 00-0015	EA	1-1/2 HP, 8,906 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,232.81		877.05
		For 12" Roof Curb, Add	372.36		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		
23 34 23 00-0016	EA	2 HP, 10,059 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,283.49		877.05
		For 12" Roof Curb, Add	372.36		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		
23 34 23 00-0017	EA	3 HP, 11,703 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	6,830.40		877.05
		For 12" Roof Curb, Add	372.36		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		
23 34 23 00-0018	EA	5 HP, 13,897 CFM At 1/4" Static Pressure, 40" x 40" Base, Belt Drive, Aluminum, Centrifugal Roof Exhauster	5,582.26		877.05
		For 12" Roof Curb, Add	372.36		
		For Backdraft Damper, Add	306.46		
		For Damper Motor, Add	291.45		
23 34 23 00-0019		Propeller Exhaust Fans, Roof Mounted Upblast (23 34 23 00-0001)			
		Note: Includes back draft damper and birdscreen and curb.			
23 34 23 00-0020	EA	30,300 CFM Belt Drive 5 HP Propeller Exhaust Fan, Roof Mounted, 3/8" Static Pressure	8,748.65		1,079.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 23 00-0021 EA 36,000 CFM Belt Drive 15 HP Propeller Exhaust Fan, Roof Mounted, 1/2" Static Pressure	14,237.88	1,402.87
23 34 23 00-0022 Belt Drive Supply Fans (23 34 23 00-0001)		
23 34 23 00-0023 EA 4,500 CFM, 24" x 24" Supply Fan, Roof Mounted	3,493.07	560.33
23 34 23 00-0024 EA 10,000 CFM, 36" x 36" Supply Fan, Roof Mounted	4,705.85	701.50
23 34 23 00-0025 Fan Thermostat (23 34 23 00-0001)		
23 34 23 00-0026 EA 50 To 120 Degree Line Voltage Fan Thermostat	137.77	
23 34 23 00-0027 Power Wall Ventilators (23 34 23)		
23 34 23 00-0028 Centrifugal Sidewall Exhausters (23 34 23 00-0027)		
23 34 23 00-0029 Direct Drive, Aluminum, Centrifugal Sidewall Exhauster (23 34 23 00-0028)		
Note: Greenheck CW.		
23 34 23 00-0030 EA 1/25 HP, 297 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	917.38	225.92
For Solid State Speed Control, Add		191.17
For Backdraft Damper, Add		228.56
For Damper Motor, Add		494.66
For Interior Wall Grill, Add		140.71
23 34 23 00-0031 EA 1/8 HP, 861 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,054.79	265.22
For Solid State Speed Control, Add		191.17
For Backdraft Damper, Add		252.90
For Damper Motor, Add		494.66
For Interior Wall Grill, Add		167.45
23 34 23 00-0032 EA 1/6 HP, 1,179 CFM At 1/4" Static Pressure, Direct Drive, Aluminum, Centrifugal Sidewall Exhauster	1,537.15	298.90
For Solid State Speed Control, Add		191.17
For Backdraft Damper, Add		285.89
For Damper Motor, Add		494.66
For Interior Wall Grill, Add		194.18
23 34 23 00-0033 Belt Drive, Aluminum, Centrifugal Sidewall Exhausters (23 34 23 00-0028)		
Note: Greenheck CWB.		
23 34 23 00-0034 EA 1/4 HP, 1,633 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,650.02	168.91
For Solid State Speed Control, Add		191.17
For Backdraft Damper, Add		265.70
For Damper Motor, Add		494.66
For Interior Wall Grill, Add		294.83
23 34 23 00-0035 EA 1/2 HP, 2,291 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	2,802.43	190.21
For Solid State Speed Control, Add		191.17
For Backdraft Damper, Add		265.70
For Damper Motor, Add		494.66
For Interior Wall Grill, Add		294.83
23 34 23 00-0036 EA 3/4 HP, 3,646 CFM At 1/4" Static Pressure, Belt Drive, Aluminum, Centrifugal Sidewall Exhauster	3,437.90	217.59
For Solid State Speed Control, Add		191.17
For Backdraft Damper, Add		332.62
For Damper Motor, Add		494.66
For Interior Wall Grill, Add		342.68
23 34 33 Air Curtains (23 34)		
23 34 33 00-0001 Unheated Air Curtains For Entrances (23 34 33)		
23 34 33 00-0002 Unheated Air Curtains, Standard Velocity (23 34 33 00-0001)		
23 34 33 00-0003 EA Air Curtain For 3' x 8' - 10' Personnel Entrance, Unheated	2,649.29	1,028.60
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add		197.44
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add		537.48
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø		399.27
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add		614.27
For Flat Side Extension Plates, Add		155.70
For Clearance Adjustable-Angle Mounting Bracket, Add		311.40
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add		373.68
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add		394.44
23 34 33 00-0004 EA Air Curtain For 3.5' x 8' - 10' Personnel Entrance, Unheated	2,681.36	1,028.60
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add		197.44
For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add		537.48
For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø		399.27
For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add		614.27
For Flat Side Extension Plates, Add		155.70
For Clearance Adjustable-Angle Mounting Bracket, Add		311.40
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add		373.68
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add		394.44

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 34 33 00-0005	EA	Air Curtain For 4' x 8' - 10' Personnel Entrance, Unheated.....	2,716.09	1,028.60
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0006	EA	Air Curtain For 5' x 8' - 10' Personnel Entrance, Unheated.....	3,290.53	1,028.60
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0007	EA	Air Curtain For 6' x 8' - 10' Personnel Entrance, Unheated.....	3,757.34	1,234.89
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0008	EA	Air Curtain For 7' x 8' - 10' Personnel Entrance, Unheated.....	3,957.73	1,234.89
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0009	EA	Air Curtain For 8' x 8' - 10' Personnel Entrance, Unheated.....	4,405.88	1,424.33
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0010	EA	Air Curtain For 9' x 8' - 10' Personnel Entrance, Unheated.....	5,206.09	1,424.33
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0011	EA	Air Curtain For 10' x 8' - 10' Personnel Entrance, Unheated.....	5,307.62	1,424.33
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0012	EA	Air Curtain For 12' x 8' - 10' Personnel Entrance, Unheated.....	5,577.47	1,424.33
		Note: Includes housing, mounting brackets and manual controls.		
		For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
		For Commercial Magnetic Reed Switch with Controller and Adjustable Time Delay - 115, 208-230 Volt 1Ø, Add	537.48	
		For Commercial Magnetic Reed Switch with Controller - 115, 208-230 Volt 1Ø	399.27	
		For Door Limit switch with Controller and Adjustable Time Delay - 115, 208-230 Volt, 1Ø, Add	614.27	
		For Flat Side Extension Plates, Add	155.70	
		For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
		For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
		For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	

23 34 33 00-0013 Unheated Air Curtains, High Velocity (23 34 33 00-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0014 EA High Velocity Air Curtain For 3' x 10' - 12' Entrance, Unheated.....	3,180.98	1,028.60
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0015 EA High Velocity Air Curtain For 3.5' x 10' - 12' Entrance, Unheated.....	3,222.40	1,028.60
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0016 EA High Velocity Air Curtain For 4' x 10' - 12' Entrance, Unheated.....	3,239.76	1,028.60
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0017 EA High Velocity Air Curtain For 5' x 10' - 12' Entrance, Unheated.....	3,273.16	1,028.60
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0018 EA High Velocity Air Curtain For 6' x 10' - 12' Entrance, Unheated.....	4,975.68	1,234.89
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0019 EA High Velocity Air Curtain For 7' x 10' - 12' Entrance, Unheated.....	5,181.41	1,234.89
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0020 EA High Velocity Air Curtain For 8' x 10' - 12' Entrance, Unheated.....	5,553.42	1,424.33
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0021 EA High Velocity Air Curtain For 9' x 10' - 12' Entrance, Unheated.....	6,265.46	1,424.33
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0022 EA High Velocity Air Curtain For 10' x 10' - 12' Entrance, Unheated.....	6,340.27	1,424.33
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	
23 34 33 00-0023 EA High Velocity Air Curtain For 12' x 10' - 12' Entrance, Unheated.....	6,631.49	1,424.33
Note: Includes housing, mounting brackets and manual controls.		
For Door Limit Switch, Combination Roller And Plunger, Add	197.44	
For Industrial Floor-Mounted Magnetic Reed Switch Only, Add	311.40	
For Flat Side Extension Plates, Add	155.70	
For Clearance Adjustable-Angle Mounting Bracket, Add	311.40	
For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	373.68	
For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add	394.44	

23 34 33 00-0024 Service Window Unheated Air Curtains (23 34 33 00-0001)
Note: Normal window sizes.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 34 HVAC Fans**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 34 33 00-0025	EA	Air Curtain For 2.5' x 5' Service Window, Unheated Note: Includes housing, mounting brackets and manual controls. <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	2,392.81 197.44 155.70 311.40 373.68 394.44	811.10
23 34 33 00-0026 Heated Air Curtains For Entrances <small>(23 34 33)</small>				
Note: Includes housing, mounting brackets and manual controls.				
23 34 33 00-0027	EA	60" Heated Air Curtain With 1- 300 MBH Heater <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,274.17 197.44 155.70 311.40 373.68 394.44	905.82
23 34 33 00-0028	EA	60" Heated Air Curtain With 1- 400 MBH Heater <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	4,602.45 197.44 155.70 311.40 373.68 394.44	905.82
23 34 33 00-0029	EA	72" Heated Air Curtain With 1- 350 MBH Heater <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	5,128.11 197.44 155.70 311.40 373.68 394.44	1,086.85
23 34 33 00-0030	EA	72" Heated Air Curtain With 2- 250 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	5,522.04 197.44 155.70 311.40 373.68 394.44	1,086.85
23 34 33 00-0031	EA	96" Heated Air Curtain With 1- 400 MBH Heater <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	6,836.28 197.44 155.70 311.40 373.68 394.44	1,448.89
23 34 33 00-0032	EA	96" Heated Air Curtain With 2- 350 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	7,361.53 197.44 155.70 311.40 373.68 394.44	1,448.89
23 34 33 00-0033	EA	117" Heated Air Curtain With 2- 300 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	8,330.45 197.44 155.70 311.40 373.68 394.44	1,765.33
23 34 33 00-0034	EA	117" Heated Air Curtain With 2- 400 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	8,970.59 197.44 155.70 311.40 373.68 394.44	1,765.33
23 34 33 00-0035	EA	147" Heated Air Curtain With 2- 350 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	10,467.25 197.44 155.70 311.40 373.68 394.44	2,217.88
23 34 33 00-0036	EA	147" Heated Air Curtain With 3- 350 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	12,059.40 197.44 155.70 311.40 373.68 394.44	2,217.88
23 34 33 00-0037	EA	168" Heated Air Curtain With 2- 400 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	11,963.50 197.44 155.70 311.40 373.68 394.44	2,535.03
23 34 33 00-0038	EA	168" Heated Air Curtain With 3- 400 MBH Heaters <i>For Door Limit Switch, Combination Roller And Plunger, Add</i> <i>For Flat Side Extension Plates, Add</i> <i>For Clearance Adjustable-Angle Mounting Bracket, Add</i> <i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i> <i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	13,782.71 197.44 155.70 311.40 373.68 394.44	2,535.03

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 34 33 00-0039 EA 192" Heated Air Curtain With 2- 400 MBH Heaters	13,667.79	2,897.07
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	197.44	
<i>For Flat Side Extension Plates, Add</i>	155.70	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	311.40	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	373.68	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	394.44	
23 34 33 00-0040 EA 192" Heated Air Curtain With 4- 350 MBH Heaters	15,746.88	2,897.07
<i>For Door Limit Switch, Combination Roller And Plunger, Add</i>	197.44	
<i>For Flat Side Extension Plates, Add</i>	155.70	
<i>For Clearance Adjustable-Angle Mounting Bracket, Add</i>	311.40	
<i>For 10" To 16" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	373.68	
<i>For 19" Clearance Drum-Roll-Style Extended Wall Mounting Bracket, Add</i>	394.44	

23 35 Special Exhaust Systems (23 30)

See CSI section 23 31 13 16-0075 for spiral duct/piping.

23 35 13 Dust Collection Systems (23 35)

23 35 13 13 Sawdust Collection Systems (23 35 13)

23 35 13 13-0001 Dust Collector System (23 35 13 13)

23 35 13 13-0002 EA 1.5 HP Dust Collector Central Vacuum Unit	4,935.79	1,217.34
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0003 EA 2 HP Dust Collector Central Vacuum Unit	5,565.08	1,445.58
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0004 EA 2-1/2 HP Dust Collector Central Vacuum Unit	6,661.65	1,673.83
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0005 EA 3 HP Dust Collector Central Vacuum Unit	7,625.22	1,978.17
Note: Includes fan bower, stand, cyclone, filter, silencer and 35 gallon fiber drum dust bin.		
23 35 13 13-0006 EA 5 HP Dust Collector Central Vacuum Unit	15,148.57	2,167.64
Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0007 EA 7-1/2 HP Dust Collector Central Vacuum Unit	18,345.07	2,528.92
Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0008 EA 10 HP Dust Collector Central Vacuum Unit	21,011.41	2,890.19
Note: Includes fan bower, stand, cyclone, filter, silencer and 55 gallon fiber drum dust bin.		
23 35 13 13-0009 EA 15 HP Dust Collector Central Vacuum Unit	23,650.92	3,323.72
Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.		
23 35 13 13-0010 EA 20 HP Dust Collector Central Vacuum Unit	26,407.24	3,757.25
Note: Includes fan bower, stand, cyclone, filter, silencer and two 55 gallon fiber drum dust bin.		

23 35 13 13-0011 Vacuum Tubing And Accessories (23 35 13 13)

23 35 13 13-0012 Vacuum Tubing (23 35 13 13-0011)

23 35 13 13-0013 Flexible Hose (23 35 13 13-0012)

23 35 13 13-0014 LF 2" Flexible Hose	13.61	2.52
23 35 13 13-0015 LF 3" Flexible Hose	16.21	2.81
23 35 13 13-0016 LF 4" Flexible Hose	17.61	3.09

23 35 13 13-0017 Galvanized Vacuum Tubing (23 35 13 13-0012)

23 35 13 13-0018 LF 2-1/8" Outside Diameter Vacuum Tubing, Galvanized	11.36	2.52
23 35 13 13-0019 LF 2-1/2" Outside Diameter Vacuum Tubing, Galvanized	12.65	2.67
23 35 13 13-0020 LF 3" Outside Diameter Vacuum Tubing, Galvanized	14.87	2.81
23 35 13 13-0021 LF 3-1/2" Outside Diameter Vacuum Tubing, Galvanized	19.02	2.95
23 35 13 13-0022 LF 4" Outside Diameter Vacuum Tubing, Galvanized	19.58	3.09
23 35 13 13-0023 LF 5" Outside Diameter Vacuum Tubing, Galvanized	31.63	3.51
23 35 13 13-0024 LF 6" Outside Diameter Vacuum Tubing, Galvanized	35.68	4.07
23 35 13 13-0025 LF 8" Outside Diameter Vacuum Tubing, Galvanized	48.36	5.61
23 35 13 13-0026 LF 10" Outside Diameter Vacuum Tubing, Galvanized	56.86	7.02
23 35 13 13-0027 LF 12" Outside Diameter Vacuum Tubing, Galvanized	137.72	9.26

23 35 13 13-0028 Vacuum Fittings, Galvanized (23 35 13 13-0011)

23 35 13 13-0029 90 Degree Elbow (23 35 13 13-0028)

23 35 13 13-0030 EA 2-1/8" 90 Degree Elbow, Vacuum Tubing, Galvanized	58.75	16.14
23 35 13 13-0031 EA 2-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	71.37	17.26
23 35 13 13-0032 EA 3" 90 Degree Elbow, Vacuum Tubing, Galvanized	87.58	18.81
23 35 13 13-0033 EA 3-1/2" 90 Degree Elbow, Vacuum Tubing, Galvanized	102.47	20.35
23 35 13 13-0034 EA 4" 90 Degree Elbow, Vacuum Tubing, Galvanized	121.15	22.45
23 35 13 13-0035 EA 5" 90 Degree Elbow, Vacuum Tubing, Galvanized	194.15	24.98
23 35 13 13-0036 EA 6" 90 Degree Elbow, Vacuum Tubing, Galvanized	255.15	28.06
23 35 13 13-0037 EA 8" 90 Degree Elbow, Vacuum Tubing, Galvanized	451.40	37.46

23 35 13 13-0038 45 Degree Elbow (23 35 13 13-0028)

23 35 13 13-0039 EA 2-1/8" 45 Degree Elbow, Vacuum Tubing, Galvanized	55.55	16.14
23 35 13 13-0040 EA 2-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	68.73	17.26
23 35 13 13-0041 EA 3" 45 Degree Elbow, Vacuum Tubing, Galvanized	78.72	18.81
23 35 13 13-0042 EA 3-1/2" 45 Degree Elbow, Vacuum Tubing, Galvanized	92.48	20.35
23 35 13 13-0043 EA 4" 45 Degree Elbow, Vacuum Tubing, Galvanized	111.91	22.45

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 35 Special Exhaust Systems**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 13 13-0044	EA	5" 45 Degree Elbow, Vacuum Tubing, Galvanized	162.10	24.98
23 35 13 13-0045	EA	6" 45 Degree Elbow, Vacuum Tubing, Galvanized	208.01	28.06
23 35 13 13-0046	EA	8" 45 Degree Elbow, Vacuum Tubing, Galvanized	372.21	37.46
23 35 13 13-0047		Wye <small>(23 35 13 13-0028)</small>		
23 35 13 13-0048	EA	2-1/8" Wye, Vacuum Tubing, Galvanized	105.35	26.66
23 35 13 13-0049	EA	2-1/2" Wye, Vacuum Tubing, Galvanized	124.81	28.76
23 35 13 13-0050	EA	3" Wye, Vacuum Tubing, Galvanized	150.22	30.88
23 35 13 13-0051	EA	3-1/2" Wye, Vacuum Tubing, Galvanized	180.54	34.38
23 35 13 13-0052	EA	4" Wye, Vacuum Tubing, Galvanized	236.43	37.18
23 35 13 13-0053	EA	5" Wye, Vacuum Tubing, Galvanized	388.26	41.40
23 35 13 13-0054	EA	6" Wye, Vacuum Tubing, Galvanized	510.13	47.01
23 35 13 13-0055	EA	8" Wye, Vacuum Tubing, Galvanized	986.34	51.22
23 35 13 13-0056	EA	10" Wye, Vacuum Tubing, Galvanized	1,358.32	56.13
23 35 13 13-0057	EA	12" Wye, Vacuum Tubing, Galvanized	1,711.95	62.87
23 35 13 13-0058		Reducer <small>(23 35 13 13-0028)</small>		
23 35 13 13-0059	EA	3" Reducer, Vacuum Tubing, Galvanized	61.74	18.81
23 35 13 13-0060	EA	4" Reducer, Vacuum Tubing, Galvanized	68.43	20.35
23 35 13 13-0061	EA	5" Reducer, Vacuum Tubing, Galvanized	84.73	22.45
23 35 13 13-0062	EA	6" Reducer, Vacuum Tubing, Galvanized	91.79	24.98
23 35 13 13-0063	EA	8" Reducer, Vacuum Tubing, Galvanized	106.80	28.06
23 35 13 13-0064		Air Gate Valve, Galvanized <small>(23 35 13 13-0011)</small>		
23 35 13 13-0065	EA	2-1/8" Air Gate Valve, Vacuum Tubing, Galvanized	379.94	37.46
23 35 13 13-0066	EA	2-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	398.41	39.99
23 35 13 13-0067	EA	3" Air Gate Valve, Vacuum Tubing, Galvanized	456.44	43.08
23 35 13 13-0068	EA	3-1/2" Air Gate Valve, Vacuum Tubing, Galvanized	517.93	46.02
23 35 13 13-0069	EA	4" Air Gate Valve, Vacuum Tubing, Galvanized	582.72	48.83
23 35 13 13-0070	EA	5" Air Gate Valve, Vacuum Tubing, Galvanized	687.03	55.71
23 35 13 13-0071	EA	6" Air Gate Valve, Vacuum Tubing, Galvanized	790.15	62.45
23 35 16 Engine Exhaust Systems <small>(23 35)</small>				
23 35 16 16 Mechanical Engine Exhaust Systems <small>(23 35 16)</small>				
23 35 16 16-0001		Overhead Tailpipe Exhaust System <small>(23 35 16 16)</small>		
23 35 16 16-0002		Overhead Tailpipe Exhaust Blowers <small>(23 35 16 16-0001)</small>		
23 35 16 16-0003		Overhead Direct Drive Tailpipe Exhaust Blowers <small>(23 35 16 16-0002)</small>		
23 35 16 16-0004	EA	495 CFM 1/3 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	3,778.37	298.90
23 35 16 16-0005	EA	1,445 CFM 3/4 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System.....	4,458.51	610.43
23 35 16 16-0006	EA	1,840 CFM 1-1/2 HP Tailpipe Exhaust Blower, Direct Drive, Overhead System	6,169.60	739.53
23 35 16 16-0007		Overhead Belt Drive Tailpipe Exhaust Blowers <small>(23 35 16 16-0002)</small>		
23 35 16 16-0008	EA	1,400 CFM 1 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,340.41	610.43
23 35 16 16-0009	EA	2,023 CFM 1-1/2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	4,652.46	739.53
23 35 16 16-0010	EA	2,750 CFM 2 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	5,661.50	1,170.33
23 35 16 16-0011	EA	4,400 CFM 3 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	6,953.50	1,509.93
23 35 16 16-0012	EA	7,060 CFM 5 HP Tailpipe Exhaust Blower, Belt Drive, Overhead System.....	8,753.03	1,799.00
23 35 16 16-0013		Spiral Exhaust Duct Accessories <small>(23 35 16 16-0001)</small>		
23 35 16 16-0014		Flex Hose x Length <small>(23 35 16 16-0013)</small>		
		Note: Includes duct coupler, damper and tailpipe adapter.		
23 35 16 16-0015	EA	3" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	203.61	74.38
23 35 16 16-0016	EA	3" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	178.09	74.38
23 35 16 16-0017	EA	4" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	313.67	117.88
23 35 16 16-0018	EA	4" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	271.03	117.88
23 35 16 16-0019	EA	5" x 20' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	452.94	186.64
23 35 16 16-0020	EA	5" x 20' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	437.67	186.64
23 35 16 16-0021	EA	6" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	696.26	296.10
23 35 16 16-0022	EA	6" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	664.16	296.10
23 35 16 16-0023		Flex Hose With Duct Coupler, Damper And Diesel Exhaust Adapter <small>(23 35 16 16-0013)</small>		
23 35 16 16-0024	EA	4" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	223.96	74.38
23 35 16 16-0025	EA	5" x 15' Neoprene Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	328.53	117.88
23 35 16 16-0026	EA	4" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	194.56	74.38
23 35 16 16-0027	EA	5" x 17' Galvanized Spiral Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter	284.92	117.88
23 35 16 16-0028	EA	6" x 25' High Pressure, Stainless Steel Exhaust Flexible Hose With Duct Coupler, Damper, Tailpipe Adapter.....	1,579.71	100.19
23 35 16 16-0029	EA	8" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,417.43	183.83
23 35 16 16-0030	EA	10" x 15' Heat-Resistant Fabric Flex Hose (650 Degree F.) With Duct Coupler, Damper And Tail-Pipe Adapter	1,555.63	183.83
23 35 16 16-0031	LF	8" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	76.12	14.31
23 35 16 16-0032	LF	10" Heat-Resistant Fabric Flex Hose (650 Degree F.).....	84.61	14.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 35 16 16-0033 Flexible Hose <small>(23 35 16 16-0013)</small>		
23 35 16 16-0034 LF 3" Stainless Steel Flexible Tubing	41.53	3.51
23 35 16 16-0035 LF 4" Stainless Steel Flexible Tubing	52.65	3.93
23 35 16 16-0036 LF 5" Stainless Steel Flexible Tubing	62.40	4.07
23 35 16 16-0037 LF 6" Stainless Steel Flexible Tubing	73.47	4.35
23 35 16 16-0038 LF 3" Galvanized Flexible Tubing	25.29	3.51
23 35 16 16-0039 LF 4" Galvanized Flexible Tubing	29.62	3.93
23 35 16 16-0040 LF 5" Galvanized Flexible Tubing	33.88	4.07
23 35 16 16-0041 LF 6" Galvanized Flexible Tubing	37.73	4.35
23 35 16 16-0042 Accessories <small>(23 35 16 16-0001)</small>		
23 35 16 16-0043 EA 3" Tail Pipe Adapter	63.23	10.52
23 35 16 16-0044 EA 4" Tail Pipe Adapter	64.92	10.52
23 35 16 16-0045 EA 5" Tail Pipe Adapter	69.42	11.93
23 35 16 16-0046 EA 3" Bullnose (Guide)	35.59	7.02
23 35 16 16-0047 EA 4" Bullnose (Guide)	37.94	7.71
23 35 16 16-0048 EA 5" Bullnose (Guide)	40.56	8.42
23 35 16 16-0049 EA Flex-Hose Winch And Associated Hardware	272.65	79.57
23 35 16 16-0050 LF Flex-Hose Winch Cable, 1/8" Galvanized Wire Rope	0.14	
23 35 19 Fume Exhaust Systems <small>(23 35)</small>		
23 35 19 00-0001 EA Fume Exhauster, 1 1/2 HP 630 CFM With Out Hose And Intake Nozzle	2,780.36	560.89
23 35 19 00-0002 EA Hose Extension Kit 5'	487.26	124.61
23 36 Air Terminal Units <small>(23 30)</small>		
23 36 13 Constant-Air-Volume Units <small>(23 36)</small>		
23 36 13 00-0001 Vertical Units, With Electric Heating Coils <small>(23 36 13)</small>		
23 36 13 00-0002 EA 60 CFM Vertical Induction Unit, With Electric Heating Coils	1,656.94	139.38
23 36 13 00-0003 EA 90 CFM Vertical Induction Unit, With Electric Heating Coils	1,996.48	150.10
23 36 13 00-0004 EA 120 CFM Vertical Induction Unit, With Electric Heating Coils	2,130.83	155.47
23 36 13 00-0005 EA 150 CFM Vertical Induction Unit, With Electric Heating Coils	2,275.90	166.19
23 36 13 00-0006 EA 175 CFM Vertical Induction Unit, With Electric Heating Coils	2,570.20	171.55
23 36 13 00-0007 Horizontal Units, With Electric Heating Coils <small>(23 36 13)</small>		
23 36 13 00-0008 EA 60 CFM Horizontal Induction Unit, With Electric Heating Coils	1,402.58	139.38
23 36 13 00-0009 EA 90 CFM Horizontal Induction Unit, With Electric Heating Coils	1,678.38	150.10
23 36 13 00-0010 EA 120 CFM Horizontal Induction Unit, With Electric Heating Coils	2,006.47	158.15
23 36 13 00-0011 Duct Boxes, Constant Volume Control <small>(23 36 13)</small>		
23 36 13 00-0012 Single Duct Boxes, Constant Volume Control <small>(23 36 13 00-0011)</small>		
23 36 13 00-0013 EA 4 - 6" Diameter Inlet, 50 - 240 CFM, Single Duct Boxes, Constant Volume Control	1,425.46	57.82
<i>For Boxes With Motor, Add</i>	239.44	
23 36 13 00-0014 EA 6 - 8" Diameter Inlet, 100 - 480 CFM, Single Duct Boxes, Constant Volume Control	1,577.06	62.39
<i>For Boxes With Motor, Add</i>	265.61	
23 36 13 00-0015 EA 7 - 10" Diameter Inlet, 150 - 720 CFM, Single Duct Boxes, Constant Volume Control	1,641.21	68.47
<i>For Boxes With Motor, Add</i>	273.46	
23 36 13 00-0016 EA 9 - 12" Diameter Inlet, 200 - 960 CFM, Single Duct Boxes, Constant Volume Control	1,672.25	71.52
<i>For Boxes With Motor, Add</i>	277.39	
23 36 13 00-0017 EA 12" Diameter Inlet, 250 - 1,200 CFM, Single Duct Boxes, Constant Volume Control	1,701.76	79.13
<i>For Boxes With Motor, Add</i>	277.39	
23 36 13 00-0018 EA 14" Diameter Inlet, 350 - 1,680 CFM, Single Duct Boxes, Constant Volume Control	1,945.46	88.26
<i>For Boxes With Motor, Add</i>	317.95	
23 36 13 00-0019 EA 16" Diameter Inlet, 450 - 2,160 CFM, Single Duct Boxes, Constant Volume Control	2,045.58	98.91
<i>For Boxes With Motor, Add</i>	329.72	
23 36 13 00-0020 EA 20" x 16" Inlet, 550 - 2,640 CFM, Single Duct Boxes, Constant Volume Control	2,180.32	118.69
<i>For Boxes With Motor, Add</i>	341.62	
23 36 13 00-0021 EA 24" x 16" Inlet, 650 - 3,120 CFM, Single Duct Boxes, Constant Volume Control	2,314.18	136.95
<i>For Boxes With Motor, Add</i>	353.28	
23 36 13 00-0022 Dual Duct Boxes, Constant Volume Control <small>(23 36 13 00-0011)</small>		
23 36 13 00-0023 EA 4 - 6" Diameter Inlet, 50 - 240 CFM, Dual Duct Boxes, Constant Volume Control	1,988.68	57.82
<i>For Boxes With Motor, Add</i>	352.09	
23 36 13 00-0024 EA 6 - 8" Diameter Inlet, 100 - 480 CFM, Dual Duct Boxes, Constant Volume Control	2,128.27	62.39
<i>For Boxes With Motor, Add</i>	375.85	
23 36 13 00-0025 EA 7 - 10" Diameter Inlet, 150 - 720 CFM, Dual Duct Boxes, Constant Volume Control	2,223.74	68.47
<i>For Boxes With Motor, Add</i>	389.97	
23 36 13 00-0026 EA 9 - 12" Diameter Inlet, 200 - 960 CFM, Dual Duct Boxes, Constant Volume Control	2,316.86	71.52
<i>For Boxes With Motor, Add</i>	406.31	
23 36 13 00-0027 EA 12" Diameter Inlet, 250 - 1,200 CFM, Dual Duct Boxes, Constant Volume Control	2,346.37	79.13
<i>For Boxes With Motor, Add</i>	406.31	
23 36 13 00-0028 EA 14" Diameter Inlet, 350 - 1,680 CFM, Dual Duct Boxes, Constant Volume Control	2,695.53	89.78
<i>For Boxes With Motor, Add</i>	467.96	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 36 Air Terminal Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 13 00-0029	EA		16" Diameter Inlet, 450 - 2,160 CFM, Dual Duct Boxes, Constant Volume Control <i>For Boxes With Motor, Add</i>	2,948.23 510.30	98.91
23 36 13 00-0030	EA		20" x 16" Inlet, 550 - 2,640 CFM, Dual Duct Boxes, Constant Volume Control <i>For Boxes With Motor, Add</i>	3,183.44 542.24	118.69
23 36 13 00-0031	EA		24" x 16" Inlet, 650 - 3,120 CFM, Dual Duct Boxes, Constant Volume Control <i>For Boxes With Motor, Add</i>	3,333.28 557.10	136.95
23 36 16 Variable-Air-Volume Units (23 36)					
23 36 16 00-0001			Variable Volume Terminal Unit (23 36 16) Note: Includes flow controllers, insulated plenum, system powered box mounted thermostat.		
23 36 16 00-0002			Single Duct Variable Volume Terminal Unit (23 36 16 00-0001) Note: Enclosure only. For mounting DDC controls.		
23 36 16 00-0003	EA		6" Diameter Inlet, 80 To 500 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls <i>For Filters And Frames, Add</i>	651.89 6.30	70.00
23 36 16 00-0004	EA		8" Diameter Inlet, 145 To 900 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls <i>For Filters And Frames, Add</i>	730.39 6.30	79.13
23 36 16 00-0005	EA		10" Diameter Inlet, 230 To 1,400 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls <i>For Filters And Frames, Add</i>	814.00 6.30	88.26
23 36 16 00-0006	EA		12" Diameter Inlet, 325 To 2,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls <i>For Filters And Frames, Add</i>	871.83 6.30	98.91
23 36 16 00-0007	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls <i>For Filters And Frames, Add</i>	1,198.99 6.30	212.88
23 36 16 00-0008	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With Enclosure Only Note: For mounting DDC controls <i>For Filters And Frames, Add</i>	1,468.73 6.30	252.60
23 36 16 00-0009			Single Duct Variable Volume Terminal Unit (23 36 16 00-0001) Note: With pneumatic controls.		
23 36 16 00-0010	EA		6" Diameter Inlet, 80 - 500 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Filters And Frames, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Hot Water Coils, Add</i>	1,309.90 1,340.49 6.30 67.57 419.02	70.00
23 36 16 00-0011	EA		8" Diameter Inlet, 145 - 900 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Filters And Frames, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Hot Water Coils, Add</i>	1,419.28 1,436.29 6.30 67.57 447.92	79.13
23 36 16 00-0012	EA		10" Diameter Inlet, 230 - 1,400 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Filters And Frames, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Hot Water Coils, Add</i>	1,491.02 1,482.11 6.30 67.57 460.44	88.26
23 36 16 00-0013	EA		12" Diameter Inlet, 325 - 2,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Filters And Frames, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Hot Water Coils, Add</i>	1,560.72 1,525.01 6.30 67.57 472.00	98.91
23 36 16 00-0014	EA		14" Diameter Inlet, 450 To 3,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Filters And Frames, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Hot Water Coils, Add</i>	1,823.75 1,714.24 6.30 67.57 525.94	212.88
23 36 16 00-0015	EA		16" Diameter Inlet, 580 To 4,000 CFM, Variable Air Volume Box With pneumatic controller <i>For Fan Powered Variable Air Volume Box, Add</i> <i>For Filters And Frames, Add</i> <i>For Pressure Independent Actuator, Add</i> <i>For Hot Water Coils, Add</i>	2,145.74 1,865.42 6.30 67.57 561.58	252.60
23 36 16 00-0016			Single Duct Variable Volume Terminal Unit (23 36 16 00-0001) Note: With analog electronic controls.		
23 36 16 00-0017	EA		6" Diameter Inlet, 60 To 500 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Filters And Frames, Add</i> <i>For Hot Water Coils, Add</i>	2,129.44 6.30 751.34	70.00
23 36 16 00-0018	EA		8" Diameter Inlet, 105 To 900 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Filters And Frames, Add</i> <i>For Hot Water Coils, Add</i>	2,219.82 6.30 772.53	79.13
23 36 16 00-0019	EA		10" Diameter Inlet, 165 To 1,400 CFM, Variable Air Volume Box With Analog Electronic Controls..... <i>For Filters And Frames, Add</i> <i>For Hot Water Coils, Add</i>	2,303.43 6.30 789.87	88.26
23 36 16 00-0020	EA		12" Diameter Inlet, 235 To 2,000 CFM, Variable Air Volume Box With Analog Electronic Controls..... <i>For Filters And Frames, Add</i> <i>For Hot Water Coils, Add</i>	2,418.27 6.30 819.73	98.91
23 36 16 00-0021	EA		14" Diameter Inlet, 320 To 3,000 CFM, Variable Air Volume Box With Analog Electronic Controls..... <i>For Filters And Frames, Add</i> <i>For Hot Water Coils, Add</i>	2,683.68 6.30 874.64	212.88

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 36 16 00-0022 EA 16" Diameter Inlet, 420 To 4,000 CFM, Variable Air Volume Box With Analog Electronic Controls <i>For Filters And Frames, Add</i> <i>For Hot Water Coils, Add</i>	2,731.19 6.30 893.91	212.88
23 36 16 00-0023 Dual Duct Variable Volume Terminal Unit <small>(23 36 16 00-0001)</small> Note: With flow control installation, plenum system power box, thermostat.		
23 36 16 00-0024 EA 6" Diameter Inlet, 75 - 500 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,476.29 6.30	138.32
23 36 16 00-0025 EA 8" Diameter Inlet, 200 - 700 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,616.66 6.30	157.50
23 36 16 00-0026 EA 10" Diameter Inlet, 400 - 1,000 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,734.14 6.30	177.88
23 36 16 00-0027 EA 12" Diameter Inlet, 600 - 1,400 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	1,903.01 6.30	198.42
23 36 16 00-0028 EA 14" Diameter Inlet, 800 - 2,700 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	2,141.23 6.30	228.25
23 36 16 00-0029 EA 16" Diameter Inlet, 1,000 - 3,500 CFM, Variable Air Volume Box, Dual Duct..... <i>For Filters And Frames, Add</i>	2,360.16 6.30	273.90
23 36 16 00-0030 Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M) <small>(23 36 16 00-0001)</small>		
23 36 16 00-0031 EA 0 To 200 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-A)..... <i>For Filters And Frames, Add</i>	679.58 6.30	95.11
23 36 16 00-0032 EA 0 To 300 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-B)..... <i>For Filters And Frames, Add</i>	738.57 6.30	104.61
23 36 16 00-0033 EA 0 To 400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-C)..... <i>For Filters And Frames, Add</i>	799.01 6.30	114.12
23 36 16 00-0034 EA 0 To 700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-D)..... <i>For Filters And Frames, Add</i>	861.03 6.30	123.63
23 36 16 00-0035 EA 0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-E)..... <i>For Filters And Frames, Add</i>	924.73 6.30	133.14
23 36 16 00-0036 EA 0 To 1,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-F)..... <i>For Filters And Frames, Add</i>	990.22 6.30	142.66
23 36 16 00-0037 EA 0 To 1,100 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-G)..... <i>For Filters And Frames, Add</i>	1,062.56 6.30	152.17
23 36 16 00-0038 EA 0 To 1,900 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-H)..... <i>For Filters And Frames, Add</i>	1,132.39 6.30	161.68
23 36 16 00-0039 EA 0 To 2,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-J)..... <i>For Filters And Frames, Add</i>	1,204.43 6.30	171.19
23 36 16 00-0040 EA 0 To 3,800 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-K)..... <i>For Filters And Frames, Add</i>	1,278.84 6.30	180.69
23 36 16 00-0041 EA 0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-L)..... <i>For Filters And Frames, Add</i>	1,355.82 6.30	190.21
23 36 16 00-0042 EA 0 To 5,400 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-M)..... <i>For Filters And Frames, Add</i>	1,435.50 6.30	199.72
23 36 16 00-0043 EA 0 To 6,700 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-N)..... <i>For Filters And Frames, Add</i>	1,518.11 6.30	209.23
23 36 16 00-0044 EA 0 To 10,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-P)..... <i>For Filters And Frames, Add</i>	1,597.07 6.30	218.74
23 36 16 00-0045 EA 0 To 15,000 CFM Digital Control, Constant Volume To Variable Volume Retrofit Terminal Unit (Titus DQCV-R)..... <i>For Filters And Frames, Add</i>	1,685.67 6.30	228.25
23 37 Air Outlets and Inlets <small>(23 30)</small>		
23 37 13 Diffusers, Registers, and Grilles <small>(23 37)</small>		
23 37 13 13 Diffusers, Registers, and Grilles <small>(23 37 13)</small>		
23 37 13 13-0001 Ceiling Diffusers <small>(23 37 13 13)</small>		
23 37 13 13-0002 Ceiling Diffusers With Perforated Face <small>(23 37 13 13-0001)</small> Note: Flush mount, aluminum construction, includes damper.		
23 37 13 13-0003 EA 6" x 6" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Stainless Steel, Add</i> <i>For Surface Mount, Deduct</i> <i>For Steel Construction, Deduct</i> <i>For Diffuser Without Damper, Deduct</i>	136.13 144.68 -6.94 -8.68 -11.57	19.78
23 37 13 13-0004 EA 8" x 8" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Stainless Steel, Add</i> <i>For Surface Mount, Deduct</i> <i>For Steel Construction, Deduct</i> <i>For Diffuser Without Damper, Deduct</i>	148.99 176.83 -8.49 -10.61 -14.15	19.78
23 37 13 13-0005 EA 9" x 9" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Stainless Steel, Add</i> <i>For Surface Mount, Deduct</i> <i>For Steel Construction, Deduct</i> <i>For Diffuser Without Damper, Deduct</i>	148.99 176.83 -8.49 -10.61 -14.15	19.78
23 37 13 13-0006 EA 10" x 10" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper <i>For Stainless Steel, Add</i> <i>For Surface Mount, Deduct</i> <i>For Steel Construction, Deduct</i> <i>For Diffuser Without Damper, Deduct</i>	179.10 211.65 -10.16 -12.70 -16.93	24.34

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13	13-0007	EA	12" x 12" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	179.10	22.82
			<i>For Stainless Steel, Add</i>	211.65	
			<i>For Surface Mount, Deduct</i>	-10.16	
			<i>For Steel Construction, Deduct</i>	-12.70	
			<i>For Diffuser Without Damper, Deduct</i>	-16.93	
23 37 13	13-0008	EA	16" x 16" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	202.68	22.82
			<i>For Stainless Steel, Add</i>	270.60	
			<i>For Surface Mount, Deduct</i>	-12.99	
			<i>For Steel Construction, Deduct</i>	-16.24	
			<i>For Diffuser Without Damper, Deduct</i>	-21.65	
23 37 13	13-0009	EA	18" x 18" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	234.96	30.44
			<i>For Stainless Steel, Add</i>	290.95	
			<i>For Surface Mount, Deduct</i>	-13.97	
			<i>For Steel Construction, Deduct</i>	-17.46	
			<i>For Diffuser Without Damper, Deduct</i>	-23.28	
23 37 13	13-0010	EA	20" x 20" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	269.82	31.95
			<i>For Stainless Steel, Add</i>	363.30	
			<i>For Surface Mount, Deduct</i>	-17.44	
			<i>For Steel Construction, Deduct</i>	-21.80	
			<i>For Diffuser Without Damper, Deduct</i>	-29.06	
23 37 13	13-0011	EA	24" x 24" Ceiling Diffuser With Perforated Face, Flush Mount, Aluminum Construction With Damper	306.53	36.52
			<i>For Stainless Steel, Add</i>	404.03	
			<i>For Surface Mount, Deduct</i>	-19.39	
			<i>For Steel Construction, Deduct</i>	-24.24	
			<i>For Diffuser Without Damper, Deduct</i>	-32.32	
			<i>For Lay-In Mount, Deduct</i>	-19.39	
23 37 13	13-0012		Ceiling Diffusers With Louver Face (23 37 13 13-0001)		
			Note: 1 To 4 way adjustable pattern, surface mount aluminum construction.		
23 37 13	13-0013	EA	6" x 6" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	140.42	19.78
			<i>For Stainless Steel, Add</i>	155.40	
			<i>For Steel Construction, Deduct</i>	-9.32	
			<i>For Flush Mount, Add</i>	9.32	
23 37 13	13-0014	EA	8" x 8" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	157.14	19.78
			<i>For Stainless Steel, Add</i>	197.20	
			<i>For Steel Construction, Deduct</i>	-11.83	
			<i>For Flush Mount, Add</i>	11.83	
23 37 13	13-0015	EA	9" x 9" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	157.14	19.78
			<i>For Stainless Steel, Add</i>	197.20	
			<i>For Steel Construction, Deduct</i>	-11.83	
			<i>For Flush Mount, Add</i>	11.83	
23 37 13	13-0016	EA	10" x 10" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	188.75	22.82
			<i>For Stainless Steel, Add</i>	235.78	
			<i>For Steel Construction, Deduct</i>	-14.15	
			<i>For Flush Mount, Add</i>	14.15	
23 37 13	13-0017	EA	12" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	188.75	24.34
			<i>For Stainless Steel, Add</i>	235.78	
			<i>For Steel Construction, Deduct</i>	-14.15	
			<i>For Flush Mount, Add</i>	14.15	
23 37 13	13-0018	EA	24" x 12" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	242.55	30.44
			<i>For Stainless Steel, Add</i>	308.65	
			<i>For Steel Construction, Deduct</i>	-18.52	
			<i>For Flush Mount, Add</i>	18.52	
23 37 13	13-0019	EA	14" x 14" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	219.83	30.44
			<i>For Stainless Steel, Add</i>	251.85	
			<i>For Steel Construction, Deduct</i>	-15.11	
			<i>For Flush Mount, Add</i>	15.11	
23 37 13	13-0020	EA	18" x 18" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	273.39	36.52
			<i>For Stainless Steel, Add</i>	323.10	
			<i>For Steel Construction, Deduct</i>	-19.39	
			<i>For Flush Mount, Add</i>	19.39	
23 37 13	13-0021	EA	21" x 21" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	312.75	41.08
			<i>For Stainless Steel, Add</i>	401.88	
			<i>For Steel Construction, Deduct</i>	-24.11	
			<i>For Flush Mount, Add</i>	24.11	
23 37 13	13-0022	EA	24" x 24" Ceiling Diffuser, Louver Face, Adjustable Pattern, Surface Mounted, Aluminum Construction With Damper	340.52	80.50
			<i>For Stainless Steel, Add</i>	448.50	
			<i>For Steel Construction, Deduct</i>	-26.91	
			<i>For Lay-In Mount, Add</i>	35.88	
			<i>For Flush Mount, Add</i>	26.91	
23 37 13	13-0023		Round Ceiling Diffusers With Fixed Pattern (23 37 13 13-0001)		
			Note: Aluminum construction.		
23 37 13	13-0024	EA	6" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	217.39	19.78
			<i>For Stainless Steel, Add</i>	347.83	
			<i>For Steel Construction, Deduct</i>	-41.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0025 EA 8" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	224.52	19.78
<i>For Stainless Steel, Add</i>	365.65	
<i>For Steel Construction, Deduct</i>	-43.88	
23 37 13 13-0026 EA 10" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	254.97	24.34
<i>For Stainless Steel, Add</i>	401.33	
<i>For Steel Construction, Deduct</i>	-48.16	
23 37 13 13-0027 EA 12" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	272.81	22.82
<i>For Stainless Steel, Add</i>	445.93	
<i>For Steel Construction, Deduct</i>	-53.51	
23 37 13 13-0028 EA 14" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	384.25	27.39
<i>For Stainless Steel, Add</i>	686.73	
<i>For Steel Construction, Deduct</i>	-82.41	
23 37 13 13-0029 EA 16" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	404.86	28.91
<i>For Stainless Steel, Add</i>	726.85	
<i>For Steel Construction, Deduct</i>	-87.22	
23 37 13 13-0030 EA 18" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	425.88	30.44
<i>For Stainless Steel, Add</i>	766.98	
<i>For Steel Construction, Deduct</i>	-92.04	
23 37 13 13-0031 EA 20" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	489.16	30.44
<i>For Stainless Steel, Add</i>	911.65	
<i>For Steel Construction, Deduct</i>	-109.40	
23 37 13 13-0032 EA 24" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	580.89	35.00
<i>For Stainless Steel, Add</i>	1,109.85	
<i>For Steel Construction, Deduct</i>	-133.18	
23 37 13 13-0033 EA 28" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	651.51	36.52
<i>For Stainless Steel, Add</i>	1,268.40	
<i>For Steel Construction, Deduct</i>	-152.21	
23 37 13 13-0034 EA 32" Round Ceiling Diffuser With Fixed Pattern, Aluminum Construction	775.50	41.08
<i>For Stainless Steel, Add</i>	1,535.95	
<i>For Steel Construction, Deduct</i>	-184.31	
23 37 13 13-0035 Round Ceiling Diffusers With Adjustable Pattern Dropped Style (23 37 13 13-0001)		
Note: Aluminum construction.		
23 37 13 13-0036 EA 6" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	228.09	19.78
<i>For Stainless Steel, Add</i>	374.58	
<i>For Flush Mount, Deduct</i>	-7.49	
<i>For Steel Construction, Deduct</i>	-14.98	
23 37 13 13-0037 EA 8" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	246.52	19.78
<i>For Stainless Steel, Add</i>	420.65	
<i>For Flush Mount, Deduct</i>	-8.41	
<i>For Steel Construction, Deduct</i>	-16.83	
23 37 13 13-0038 EA 10" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	280.74	24.34
<i>For Stainless Steel, Add</i>	465.75	
<i>For Flush Mount, Deduct</i>	-9.32	
<i>For Steel Construction, Deduct</i>	-18.63	
23 37 13 13-0039 EA 12" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	301.35	24.34
<i>For Stainless Steel, Add</i>	517.28	
<i>For Flush Mount, Deduct</i>	-10.35	
<i>For Steel Construction, Deduct</i>	-20.69	
23 37 13 13-0040 EA 14" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	430.62	27.39
<i>For Stainless Steel, Add</i>	802.65	
<i>For Flush Mount, Deduct</i>	-16.05	
<i>For Steel Construction, Deduct</i>	-32.11	
23 37 13 13-0041 EA 16" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	354.47	28.91
<i>For Stainless Steel, Add</i>	857.65	
<i>For Flush Mount, Deduct</i>	-17.15	
<i>For Steel Construction, Deduct</i>	-34.31	
23 37 13 13-0042 EA 18" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	484.15	30.44
<i>For Stainless Steel, Add</i>	912.65	
<i>For Flush Mount, Deduct</i>	-18.25	
<i>For Steel Construction, Deduct</i>	-36.51	
23 37 13 13-0043 EA 20" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	558.53	31.95
<i>For Stainless Steel, Add</i>	1,085.08	
<i>For Flush Mount, Deduct</i>	-21.70	
<i>For Steel Construction, Deduct</i>	-43.40	
23 37 13 13-0044 EA 24" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	630.04	35.00
<i>For Stainless Steel, Add</i>	1,232.73	
<i>For Flush Mount, Deduct</i>	-24.65	
<i>For Steel Construction, Deduct</i>	-49.31	
23 37 13 13-0045 EA 28" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	758.53	36.52
<i>For Stainless Steel, Add</i>	1,535.95	
<i>For Flush Mount, Deduct</i>	-30.72	
<i>For Steel Construction, Deduct</i>	-61.44	
23 37 13 13-0046 EA 32" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	910.66	41.08
<i>For Stainless Steel, Add</i>	1,873.85	
<i>For Flush Mount, Deduct</i>	-37.48	
<i>For Steel Construction, Deduct</i>	-74.95	
23 37 13 13-0047 EA 36" Round Ceiling Diffuser With Adjustable Pattern, Aluminum Construction	1,007.15	85.67
<i>For Stainless Steel, Add</i>	2,089.90	
23 37 13 13-0048 Linear Type Ceiling Diffusers With 2-Way Air Deflection (23 37 13 13-0001)		
23 37 13 13-0049 LF 4" Linear Type Ceiling Diffuser 40-200 CFM/LF, With 2-Way Air Deflection.....	181.33	22.82
<i>For Stainless Steel, Add</i>	225.08	
23 37 13 13-0050 LF 6-1/4" Linear Type Ceiling Diffuser, 41 - 206 CFM/LF, With 2-Way Air Deflection	193.56	22.82
<i>For Stainless Steel, Add</i>	255.65	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13	13-0051	LF	9-1/4" Linear Type Ceiling Diffuser, 62 - 312 CFM/LF, With 2-Way Air Deflection..... <i>For Stainless Steel, Add</i>	208.63 293.33	22.82
23 37 13	13-0052	LF	12-1/4" Linear Type Ceiling Diffuser, 131 - 656 CFM/LF, With 2-Way Air Deflection..... <i>For Stainless Steel, Add</i>	223.29 329.98	22.82
23 37 13	13-0053		Wall And Floor Diffusers <small>(23 37 13 13)</small>		
23 37 13	13-0054		Slot Type Linear Diffusers <small>(23 37 13 13-0053)</small> Note: For sidewall sill or ceiling 1/2" 3/4" or 1" slot spacing 1-1/8" border.		
23 37 13	13-0055	LF	1 Slot Linear Diffusers 10 - 70 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i> <i>For 3/4" Border, Add</i>	61.69 8.92 38.65 7.43	7.61
23 37 13	13-0056	LF	2 Slot Linear Diffusers 20 - 140 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i> <i>For 3/4" Border, Add</i>	74.62 11.89 51.53 9.91	9.13
23 37 13	13-0057	LF	3 Slot Linear Diffusers 30 - 210 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i> <i>For 3/4" Border, Add</i>	102.02 18.73 81.16 15.61	10.65
23 37 13	13-0058	LF	4 Slot Linear Diffusers 40 - 280 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i> <i>For 3/4" Border, Add</i>	133.29 26.75 115.93 22.30	10.65
23 37 13	13-0059	LF	5 Slot Linear Diffusers 50 - 350 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i> <i>For 3/4" Border, Add</i>	166.19 34.78 150.72 28.99	12.18
23 37 13	13-0060	LF	6 Slot Linear Diffusers 60 - 420 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Floor Mounted Diffusers, Add</i> <i>For Stainless Steel, Add</i> <i>For 3/4" Border, Add</i>	194.53 41.03 177.78 34.19	15.21
23 37 13	13-0061		Linear Bar Grilles And Registers <small>(23 37 13 13-0053)</small> Note: For sidewall sill or ceiling or 15 degree deflection 1/2" bar spacing 1" border aluminum construction.		
23 37 13	13-0062	LF	2" Wide Linear Bar Grilles/Registers 30 - 70 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Stainless Steel, Add</i> <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i>	178.67 186.80 14.37 28.74	9.13
23 37 13	13-0063	LF	3" Wide Linear Bar Grilles/Registers 55 - 143 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Stainless Steel, Add</i> <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i>	213.00 225.43 17.34 34.68	10.65
23 37 13	13-0064	LF	4" Wide Linear Bar Grilles/Registers 80 - 208 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Stainless Steel, Add</i> <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i>	232.39 244.76 18.83 37.66	10.65
23 37 13	13-0065	LF	6" Wide Linear Bar Grilles/Registers 125 - 325 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Stainless Steel, Add</i> <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i>	285.69 296.28 22.79 45.58	15.21
23 37 13	13-0066	LF	9" Wide Linear Bar Grilles/Registers 225 - 450 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Stainless Steel, Add</i> <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i>	394.69 412.23 31.71 63.42	19.78
23 37 13	13-0067	LF	12" Wide Linear Bar Grilles/Registers 225 - 495 CFM/LF, Sidewall, Sill, Ceiling..... <i>For Stainless Steel, Add</i> <i>For Floor Mount, Add</i> <i>For Opposed Blade Damper, Add</i>	456.13 470.20 36.17 72.34	22.82
23 37 13	13-0068		Return/Exhaust Registers And Grilles <small>(23 37 13 13)</small>		
23 37 13	13-0069		Return/Exhaust Registers With Frame <small>(23 37 13 13-0068)</small> Note: Single deflection with opposed blade damper aluminum construction wall or ceiling mount.		
23 37 13	13-0070	EA	8" x 4" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling..... <i>For Grilles (No Damper), Deduct</i> <i>For Steel Construction, Deduct</i> <i>For Cube Core With Frame, Add</i> <i>For Removable Core, Add</i> <i>For Cube Core Lay In, Add</i> <i>For Stainless Steel, Add</i>	127.00 -31.91 -15.95 7.98 35.00 15.95 199.43	12.18
23 37 13	13-0071	EA	8" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling..... <i>For Grilles (No Damper), Deduct</i> <i>For Steel Construction, Deduct</i> <i>For Cube Core With Frame, Add</i> <i>For Removable Core, Add</i> <i>For Cube Core Lay In, Add</i> <i>For Stainless Steel, Add</i>	144.34 -38.84 -19.42 9.71 35.00 19.42 242.78	12.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0072 EA 10" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	162.30	13.69
<i>For Grilles (No Damper), Deduct</i>	-43.01	
<i>For Steel Construction, Deduct</i>	-21.50	
<i>For Cube Core With Frame, Add</i>	10.75	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	21.50	
<i>For Stainless Steel, Add</i>	268.80	
23 37 13 13-0073 EA 10" x 10" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	171.22	15.21
<i>For Grilles (No Damper), Deduct</i>	-43.01	
<i>For Steel Construction, Deduct</i>	-21.50	
<i>For Cube Core With Frame, Add</i>	10.75	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	21.50	
<i>For Stainless Steel, Add</i>	268.80	
23 37 13 13-0074 EA 12" x 6" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	164.28	15.21
<i>For Grilles (No Damper), Deduct</i>	-40.23	
<i>For Steel Construction, Deduct</i>	-20.12	
<i>For Cube Core With Frame, Add</i>	10.06	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	20.12	
<i>For Stainless Steel, Add</i>	251.45	
23 37 13 13-0075 EA 12" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	210.05	19.78
<i>For Grilles (No Damper), Deduct</i>	-52.72	
<i>For Steel Construction, Deduct</i>	-26.36	
<i>For Cube Core With Frame, Add</i>	13.18	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	26.36	
<i>For Stainless Steel, Add</i>	329.48	
23 37 13 13-0076 EA 16" x 16" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	251.80	22.82
<i>For Grilles (No Damper), Deduct</i>	-62.94	
<i>For Steel Construction, Deduct</i>	-31.47	
<i>For Cube Core With Frame, Add</i>	15.74	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	31.47	
<i>For Stainless Steel, Add</i>	393.40	
23 37 13 13-0077 EA 18" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	307.24	27.39
<i>For Grilles (No Damper), Deduct</i>	-79.07	
<i>For Steel Construction, Deduct</i>	-39.54	
<i>For Cube Core With Frame, Add</i>	19.77	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	39.54	
<i>For Stainless Steel, Add</i>	494.20	
23 37 13 13-0078 EA 20" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	358.49	30.44
<i>For Grilles (No Damper), Deduct</i>	-95.76	
<i>For Steel Construction, Deduct</i>	-47.88	
<i>For Cube Core With Frame, Add</i>	23.94	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	47.88	
<i>For Stainless Steel, Add</i>	598.50	
23 37 13 13-0079 EA 24" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	324.73	30.44
<i>For Grilles (No Damper), Deduct</i>	-80.09	
<i>For Steel Construction, Deduct</i>	-40.05	
<i>For Cube Core With Frame, Add</i>	20.02	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	40.05	
<i>For Stainless Steel, Add</i>	500.58	
23 37 13 13-0080 EA 24" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	367.27	30.44
<i>For Grilles (No Damper), Deduct</i>	-97.11	
<i>For Steel Construction, Deduct</i>	-48.55	
<i>For Cube Core With Frame, Add</i>	24.28	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	48.55	
<i>For Stainless Steel, Add</i>	606.93	
23 37 13 13-0081 EA 24" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	388.57	35.00
<i>For Grilles (No Damper), Deduct</i>	-100.65	
<i>For Steel Construction, Deduct</i>	-50.32	
<i>For Cube Core With Frame, Add</i>	25.16	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	50.32	
<i>For Stainless Steel, Add</i>	629.05	
23 37 13 13-0082 EA 30" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	411.57	36.52
<i>For Grilles (No Damper), Deduct</i>	-106.97	
<i>For Steel Construction, Deduct</i>	-53.48	
<i>For Cube Core With Frame, Add</i>	26.74	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	53.48	
<i>For Stainless Steel, Add</i>	668.55	
23 37 13 13-0083 EA 30" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	473.25	41.08
<i>For Grilles (No Damper), Deduct</i>	-124.85	
<i>For Steel Construction, Deduct</i>	-62.43	
<i>For Cube Core With Frame, Add</i>	31.21	
<i>For Removable Core, Add</i>	35.00	
<i>For Cube Core Lay In, Add</i>	62.43	
<i>For Stainless Steel, Add</i>	780.33	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0084	EA		30" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	533.44	48.70
			<i>For Grilles (No Damper), Deduct</i>	-135.12	
			<i>For Steel Construction, Deduct</i>	-67.56	
			<i>For Cube Core With Frame, Add</i>	33.78	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	67.56	
			<i>For Stainless Steel, Add</i>	844.48	
23 37 13 13-0085	EA		30" x 30" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	680.29	48.70
			<i>For Grilles (No Damper), Deduct</i>	-193.86	
			<i>For Steel Construction, Deduct</i>	-96.93	
			<i>For Cube Core With Frame, Add</i>	48.46	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	96.93	
			<i>For Stainless Steel, Add</i>	1,211.60	
23 37 13 13-0086	EA		36" x 12" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	575.61	53.26
			<i>For Grilles (No Damper), Deduct</i>	-145.96	
			<i>For Steel Construction, Deduct</i>	-72.98	
			<i>For Cube Core With Frame, Add</i>	36.49	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	72.98	
			<i>For Stainless Steel, Add</i>	912.28	
23 37 13 13-0087	EA		36" x 18" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	561.65	51.74
			<i>For Grilles (No Damper), Deduct</i>	-140.38	
			<i>For Steel Construction, Deduct</i>	-70.19	
			<i>For Cube Core With Frame, Add</i>	35.10	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	70.19	
			<i>For Stainless Steel, Add</i>	877.38	
23 37 13 13-0088	EA		36" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	636.97	57.82
			<i>For Grilles (No Damper), Deduct</i>	-163.49	
			<i>For Steel Construction, Deduct</i>	-81.74	
			<i>For Cube Core With Frame, Add</i>	40.87	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	81.74	
			<i>For Stainless Steel, Add</i>	1,021.80	
23 37 13 13-0089	EA		36" x 36" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	850.53	62.39
			<i>For Grilles (No Damper), Deduct</i>	-240.61	
			<i>For Steel Construction, Deduct</i>	-120.31	
			<i>For Cube Core With Frame, Add</i>	60.15	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	120.31	
			<i>For Stainless Steel, Add</i>	1,503.83	
23 37 13 13-0090	EA		24" x 20" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	383.81	35.15
			<i>For Grilles (No Damper), Deduct</i>	-97.35	
			<i>For Steel Construction, Deduct</i>	-48.68	
			<i>For Cube Core With Frame, Add</i>	24.34	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	48.68	
			<i>For Stainless Steel, Add</i>	608.45	
23 37 13 13-0091	EA		32" x 40" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	655.28	52.68
			<i>For Grilles (No Damper), Deduct</i>	-177.83	
			<i>For Steel Construction, Deduct</i>	-88.92	
			<i>For Cube Core With Frame, Add</i>	44.46	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	88.92	
			<i>For Stainless Steel, Add</i>	1,111.45	
23 37 13 13-0092	EA		48" x 24" Single Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling.....	760.06	62.39
			<i>For Grilles (No Damper), Deduct</i>	-204.06	
			<i>For Steel Construction, Deduct</i>	-102.03	
			<i>For Cube Core With Frame, Add</i>	51.02	
			<i>For Removable Core, Add</i>	35.00	
			<i>For Cube Core Lay In, Add</i>	102.03	
			<i>For Stainless Steel, Add</i>	1,275.38	
23 37 13 13-0093			Return/Exhaust Registers Removable-Reversible (23 37 13 13-0068)		
			Note: Double deflection core and opposed blade damper radiused frame with boarder aluminum construction.		
23 37 13 13-0094	EA		8" x 4" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	117.98	12.18
			<i>For Grilles (No Damper), Deduct</i>	-14.15	
			<i>For Flat Frame, Deduct</i>	-0.71	
			<i>For Steel Construction, Deduct</i>	-7.08	
			<i>For Stainless Steel, Add</i>	176.88	
23 37 13 13-0095	EA		8" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	117.98	12.18
			<i>For Grilles (No Damper), Deduct</i>	-14.15	
			<i>For Flat Frame, Deduct</i>	-0.71	
			<i>For Steel Construction, Deduct</i>	-7.08	
			<i>For Stainless Steel, Add</i>	176.88	
23 37 13 13-0096	EA		10" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	144.26	13.69
			<i>For Grilles (No Damper), Deduct</i>	-17.90	
			<i>For Flat Frame, Deduct</i>	-0.89	
			<i>For Steel Construction, Deduct</i>	-8.95	
			<i>For Stainless Steel, Add</i>	223.70	
23 37 13 13-0097	EA		10" x 10" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	165.67	16.74
			<i>For Grilles (No Damper), Deduct</i>	-20.39	
			<i>For Flat Frame, Deduct</i>	-1.02	
			<i>For Steel Construction, Deduct</i>	-10.20	
			<i>For Stainless Steel, Add</i>	254.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0098 EA 12" x 6" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	163.59	15.21
For Grilles (No Damper), Deduct	-19.98	
For Flat Frame, Deduct	-1.00	
For Steel Construction, Deduct	-9.99	
For Stainless Steel, Add	249.73	
23 37 13 13-0099 EA 12" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	211.44	19.78
For Grilles (No Damper), Deduct	-26.64	
For Flat Frame, Deduct	-1.33	
For Steel Construction, Deduct	-13.32	
For Stainless Steel, Add	332.95	
23 37 13 13-0100 EA 16" x 16" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	335.14	24.34
For Grilles (No Damper), Deduct	-48.14	
For Flat Frame, Deduct	-2.41	
For Steel Construction, Deduct	-24.07	
For Stainless Steel, Add	601.75	
23 37 13 13-0101 EA 18" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	402.98	27.39
For Grilles (No Damper), Deduct	-58.68	
For Flat Frame, Deduct	-2.93	
For Steel Construction, Deduct	-29.34	
For Stainless Steel, Add	733.55	
23 37 13 13-0102 EA 20" x 20" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	454.12	30.44
For Grilles (No Damper), Deduct	-67.01	
For Flat Frame, Deduct	-3.35	
For Steel Construction, Deduct	-33.50	
For Stainless Steel, Add	837.58	
23 37 13 13-0103 EA 24" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	382.54	30.44
For Grilles (No Damper), Deduct	-51.61	
For Flat Frame, Deduct	-2.58	
For Steel Construction, Deduct	-25.80	
For Stainless Steel, Add	645.10	
23 37 13 13-0104 EA 24" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	507.40	31.95
For Grilles (No Damper), Deduct	-76.58	
For Flat Frame, Deduct	-3.83	
For Steel Construction, Deduct	-38.29	
For Stainless Steel, Add	957.25	
23 37 13 13-0105 EA 24" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	590.60	35.00
For Grilles (No Damper), Deduct	-90.73	
For Flat Frame, Deduct	-4.54	
For Steel Construction, Deduct	-45.37	
For Stainless Steel, Add	1,134.13	
23 37 13 13-0106 EA 30" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	460.46	36.52
For Grilles (No Damper), Deduct	-63.26	
For Flat Frame, Deduct	-3.16	
For Steel Construction, Deduct	-31.63	
For Stainless Steel, Add	790.78	
23 37 13 13-0107 EA 30" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	627.25	41.08
For Grilles (No Damper), Deduct	-93.23	
For Flat Frame, Deduct	-4.66	
For Steel Construction, Deduct	-46.61	
For Stainless Steel, Add	1,165.33	
23 37 13 13-0108 EA 30" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	755.43	48.70
For Grilles (No Damper), Deduct	-111.96	
For Flat Frame, Deduct	-5.60	
For Steel Construction, Deduct	-55.98	
For Stainless Steel, Add	1,399.45	
23 37 13 13-0109 EA 30" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	860.52	48.70
For Grilles (No Damper), Deduct	-132.97	
For Flat Frame, Deduct	-6.65	
For Steel Construction, Deduct	-66.49	
For Stainless Steel, Add	1,662.18	
23 37 13 13-0110 EA 36" x 12" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	599.84	51.74
For Grilles (No Damper), Deduct	-77.83	
For Flat Frame, Deduct	-3.89	
For Steel Construction, Deduct	-38.91	
For Stainless Steel, Add	972.85	
23 37 13 13-0111 EA 36" x 18" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	799.61	51.74
For Grilles (No Damper), Deduct	-117.78	
For Flat Frame, Deduct	-5.89	
For Steel Construction, Deduct	-58.89	
For Stainless Steel, Add	1,472.28	
23 37 13 13-0112 EA 36" x 24" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	923.29	57.82
For Grilles (No Damper), Deduct	-139.01	
For Flat Frame, Deduct	-6.95	
For Steel Construction, Deduct	-69.50	
For Stainless Steel, Add	1,737.60	
23 37 13 13-0113 EA 36" x 30" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,076.18	62.39
For Grilles (No Damper), Deduct	-165.44	
For Flat Frame, Deduct	-8.27	
For Steel Construction, Deduct	-82.72	
For Stainless Steel, Add	2,067.95	
23 37 13 13-0114 EA 36" x 36" Double Deflection Return/Exhaust Register, Aluminum, Opposed Blade Damper, Wall/Ceiling	1,134.45	62.39
For Grilles (No Damper), Deduct	-177.09	
For Flat Frame, Deduct	-8.85	
For Steel Construction, Deduct	-88.55	
For Stainless Steel, Add	2,213.63	

23 37 13 13-0115 Aluminum Eggcrate Ceiling Return Air And Exhaust Grilles (23 37 13 13-0068)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 37 13 13-0116	EA	6" x 6"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	67.61	14.88
23 37 13 13-0117	EA	8" x 4"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	67.61	14.88
23 37 13 13-0118	EA	8" x 6"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	72.76	14.88
23 37 13 13-0119	EA	8" x 8"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	74.83	14.88
23 37 13 13-0120	EA	10" x 4"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	72.76	14.88
23 37 13 13-0121	EA	10" x 6"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	74.83	14.88
23 37 13 13-0122	EA	10" x 8"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	90.92	19.50
23 37 13 13-0123	EA	10" x 10"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	92.98	19.50
23 37 13 13-0124	EA	12" x 6"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	88.86	19.50
23 37 13 13-0125	EA	12" x 8"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	92.98	19.50
23 37 13 13-0126	EA	12" x 10"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	95.05	19.50
23 37 13 13-0127	EA	12" x 12"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	97.11	19.50
23 37 13 13-0128	EA	14" x 6"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	94.01	19.50
23 37 13 13-0129	EA	14" x 8"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	98.14	19.50
23 37 13 13-0130	EA	14" x 10"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	100.20	19.50
23 37 13 13-0131	EA	14" x 14"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	109.49	19.50
23 37 13 13-0132	EA	16" x 8"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	98.14	19.50
23 37 13 13-0133	EA	16" x 10"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	105.36	19.50
23 37 13 13-0134	EA	16" x 12"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	109.49	19.50
23 37 13 13-0135	EA	16" x 14"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	142.72	28.76
23 37 13 13-0136	EA	16" x 16"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	144.78	28.76
23 37 13 13-0137	EA	18" x 12"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	140.65	28.76
23 37 13 13-0138	EA	18" x 18"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	171.19	33.40
23 37 13 13-0139	EA	20" x 10"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	138.59	28.76
23 37 13 13-0140	EA	20" x 20"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	181.50	33.40
23 37 13 13-0141	EA	22" x 4"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	96.08	19.50
23 37 13 13-0142	EA	22" x 10"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	140.65	28.76
23 37 13 13-0143	EA	22" x 22"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	203.79	38.03
23 37 13 13-0144	EA	24" x 8"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	138.59	28.76
23 37 13 13-0145	EA	24" x 10"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	142.72	28.76
23 37 13 13-0146	EA	24" x 12"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	165.00	33.40
			<i>For Lay-In Installation, Deduct</i>	-70.41	
23 37 13 13-0147	EA	24" x 14"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	171.19	33.40
23 37 13 13-0148	EA	24" x 16"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	191.41	38.03
23 37 13 13-0149	EA	24" x 18"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	197.60	38.03
23 37 13 13-0150	EA	24" x 20"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	204.82	38.03
23 37 13 13-0151	EA	24" x 24"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	218.23	38.03
			<i>For Lay-In Installation, Deduct</i>	-80.61	
23 37 13 13-0152	EA	30" x 8"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	168.09	33.40
23 37 13 13-0153	EA	48" x 12"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	265.56	41.68
23 37 13 13-0154	EA	48" x 24"	Aluminum Eggcrate Ceiling Return Air And Exhaust Grille.....	443.21	50.94
			<i>For Lay-In Installation, Deduct</i>	-116.02	

23 37 13 13-0155 Supply Registers and Grilles (23 37 13 13)**23 37 13 13-0156 Adjustable Curved Blade Register (23 37 13 13-0155)**

Note: Ceiling mount aluminum construction four way pattern flush frame.

23 37 13 13-0157	EA	6" x 6"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	107.79	12.18
			<i>For Lay In Frame, Deduct</i>	-15.16	
			<i>For Grille (No Damper), Deduct</i>	-9.10	
			<i>For One Way Pattern, Deduct</i>	-4.85	
			<i>For Steel Construction, Deduct</i>	-9.10	
			<i>For Two Way Pattern, Deduct</i>	-4.85	
			<i>For Three Way Pattern, Deduct</i>	-6.06	
			<i>For Stainless Steel, Add</i>	151.60	
23 37 13 13-0158	EA	8" x 8"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	111.36	12.18
			<i>For Lay In Frame, Deduct</i>	-16.05	
			<i>For Grille (No Damper), Deduct</i>	-9.63	
			<i>For One Way Pattern, Deduct</i>	-5.14	
			<i>For Steel Construction, Deduct</i>	-9.63	
			<i>For Two Way Pattern, Deduct</i>	-5.14	
			<i>For Three Way Pattern, Deduct</i>	-6.42	
			<i>For Stainless Steel, Add</i>	160.53	
23 37 13 13-0159	EA	12" x 6"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	124.49	16.74
			<i>For Lay In Frame, Deduct</i>	-15.16	
			<i>For Grille (No Damper), Deduct</i>	-9.10	
			<i>For One Way Pattern, Deduct</i>	-4.85	
			<i>For Steel Construction, Deduct</i>	-9.10	
			<i>For Two Way Pattern, Deduct</i>	-4.85	
			<i>For Three Way Pattern, Deduct</i>	-6.06	
			<i>For Stainless Steel, Add</i>	151.60	
23 37 13 13-0160	EA	10" x 10"	Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	137.58	15.21
			<i>For Lay In Frame, Deduct</i>	-18.43	
			<i>For Grille (No Damper), Deduct</i>	-11.06	
			<i>For One Way Pattern, Deduct</i>	-5.90	
			<i>For Steel Construction, Deduct</i>	-11.06	
			<i>For Two Way Pattern, Deduct</i>	-5.90	
			<i>For Three Way Pattern, Deduct</i>	-7.37	
			<i>For Stainless Steel, Add</i>	184.33	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0161 EA 12" x 12" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	165.58	19.78
<i>For Lay In Frame, Deduct</i>	-22.00	
<i>For Grille (No Damper), Deduct</i>	-13.20	
<i>For One Way Pattern, Deduct</i>	-7.04	
<i>For Steel Construction, Deduct</i>	-13.20	
<i>For Two Way Pattern, Deduct</i>	-7.04	
<i>For Three Way Pattern, Deduct</i>	-8.80	
<i>For Stainless Steel, Add</i>	219.98	
23 37 13 13-0162 EA 14" x 14" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	203.84	22.82
<i>For Lay In Frame, Deduct</i>	-27.35	
<i>For Grille (No Damper), Deduct</i>	-16.41	
<i>For One Way Pattern, Deduct</i>	-8.75	
<i>For Steel Construction, Deduct</i>	-16.41	
<i>For Two Way Pattern, Deduct</i>	-8.75	
<i>For Three Way Pattern, Deduct</i>	-10.94	
<i>For Stainless Steel, Add</i>	273.50	
23 37 13 13-0163 EA 16" x 16" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	203.84	22.82
<i>For Lay In Frame, Deduct</i>	-27.35	
<i>For Grille (No Damper), Deduct</i>	-16.41	
<i>For One Way Pattern, Deduct</i>	-8.75	
<i>For Steel Construction, Deduct</i>	-16.41	
<i>For Two Way Pattern, Deduct</i>	-8.75	
<i>For Three Way Pattern, Deduct</i>	-10.94	
<i>For Stainless Steel, Add</i>	273.50	
23 37 13 13-0164 EA 18" x 18" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	251.76	30.44
<i>For Lay In Frame, Deduct</i>	-33.30	
<i>For Grille (No Damper), Deduct</i>	-19.98	
<i>For One Way Pattern, Deduct</i>	-10.65	
<i>For Steel Construction, Deduct</i>	-19.98	
<i>For Two Way Pattern, Deduct</i>	-10.65	
<i>For Three Way Pattern, Deduct</i>	-13.32	
<i>For Stainless Steel, Add</i>	332.95	
23 37 13 13-0165 EA 24" x 24" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	325.46	31.95
<i>For Lay In Frame, Deduct</i>	-50.24	
<i>For Grille (No Damper), Deduct</i>	-30.14	
<i>For One Way Pattern, Deduct</i>	-16.08	
<i>For Steel Construction, Deduct</i>	-30.14	
<i>For Two Way Pattern, Deduct</i>	-16.08	
<i>For Three Way Pattern, Deduct</i>	-20.10	
<i>For Stainless Steel, Add</i>	502.40	
23 37 13 13-0166 EA 30" x 30" Adjustable Curved Blade Register, Ceiling Mounted, Aluminum Construction, 4-Way Pattern	514.92	64.52
<i>For Lay In Frame, Deduct</i>	-96.47	
<i>For Grille (No Damper), Deduct</i>	-57.88	
<i>For One Way Pattern, Deduct</i>	-30.87	
<i>For Steel Construction, Deduct</i>	-57.88	
<i>For Two Way Pattern, Deduct</i>	-30.87	
<i>For Three Way Pattern, Deduct</i>	-38.59	
<i>For Stainless Steel, Add</i>	964.68	
23 37 13 13-0167 Removable-Reversible Core Registers <small>(23 37 13 13-0155)</small>		
<i>Note: Double deflection radiused frame aluminum construction.</i>		
23 37 13 13-0168 EA 6" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	123.25	12.18
<i>For Grille (No Damper), Deduct</i>	-22.83	
<i>For Flat Frame, Deduct</i>	-7.61	
<i>For Steel Construction, Deduct</i>	-7.61	
<i>For Stainless Steel, Add</i>	190.25	
23 37 13 13-0169 EA 8" x 8" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	154.17	12.18
<i>For Grille (No Damper), Deduct</i>	-32.11	
<i>For Flat Frame, Deduct</i>	-10.70	
<i>For Steel Construction, Deduct</i>	-10.70	
<i>For Stainless Steel, Add</i>	267.55	
23 37 13 13-0170 EA 12" x 6" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	197.03	16.74
<i>For Grille (No Damper), Deduct</i>	-39.95	
<i>For Flat Frame, Deduct</i>	-13.32	
<i>For Steel Construction, Deduct</i>	-13.32	
<i>For Stainless Steel, Add</i>	332.95	
23 37 13 13-0171 EA 10" x 10" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	199.41	16.74
<i>For Grille (No Damper), Deduct</i>	-40.67	
<i>For Flat Frame, Deduct</i>	-13.56	
<i>For Steel Construction, Deduct</i>	-13.56	
<i>For Stainless Steel, Add</i>	338.90	
23 37 13 13-0172 EA 12" x 12" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	253.58	19.78
<i>For Grille (No Damper), Deduct</i>	-52.80	
<i>For Flat Frame, Deduct</i>	-17.60	
<i>For Steel Construction, Deduct</i>	-17.60	
<i>For Stainless Steel, Add</i>	439.98	
23 37 13 13-0173 EA 14" x 14" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	358.42	24.34
<i>For Grille (No Damper), Deduct</i>	-79.19	
<i>For Flat Frame, Deduct</i>	-26.40	
<i>For Steel Construction, Deduct</i>	-26.40	
<i>For Stainless Steel, Add</i>	659.95	
23 37 13 13-0174 EA 16" x 16" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	401.23	22.82
<i>For Grille (No Damper), Deduct</i>	-92.04	
<i>For Flat Frame, Deduct</i>	-30.68	
<i>For Steel Construction, Deduct</i>	-30.68	
<i>For Stainless Steel, Add</i>	766.98	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13	13-0175	EA	18" x 18" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	484.83	30.44
			<i>For Grille (No Damper), Deduct</i>	-109.88	
			<i>For Flat Frame, Deduct</i>	-36.63	
			<i>For Steel Construction, Deduct</i>	-36.63	
			<i>For Stainless Steel, Add</i>	915.63	
23 37 13	13-0176	EA	24" x 24" Removable/Reversible Core Register, Double Deflection, Radiused Aluminum Frame	607.28	30.44
			<i>For Grille (No Damper), Deduct</i>	-144.83	
			<i>For Flat Frame, Deduct</i>	-48.28	
			<i>For Steel Construction, Deduct</i>	-48.28	
			<i>For Stainless Steel, Add</i>	1,206.95	
23 37 13	13-0177		Supply Grille, Aluminum Drum With Aluminum Border <small>(23 37 13 13-0155)</small>		
			Note: Titus DL.		
23 37 13	13-0178	EA	9" x 6" Supply Grille, Aluminum Drum	98.23	23.59
			<i>For Stainless Steel, Add</i>	127.73	
23 37 13	13-0179	EA	12" x 6" Supply Grille, Aluminum Drum	137.11	31.95
			<i>For Stainless Steel, Add</i>	183.18	
23 37 13	13-0180	EA	18" x 6" Supply Grille, Aluminum Drum	149.55	31.95
			<i>For Stainless Steel, Add</i>	214.28	
23 37 13	13-0181	EA	24" x 6" Supply Grille, Aluminum Drum	167.67	38.80
			<i>For Stainless Steel, Add</i>	225.23	
23 37 13	13-0182	EA	30" x 6" Supply Grille, Aluminum Drum	212.89	47.33
			<i>For Stainless Steel, Add</i>	296.13	
23 37 13	13-0183	EA	36" x 6" Supply Grille, Aluminum Drum	253.62	47.33
			<i>For Stainless Steel, Add</i>	397.95	
23 37 13	13-0184	EA	48" x 6" Supply Grille, Aluminum Drum	304.46	59.34
			<i>For Stainless Steel, Add</i>	464.75	
23 37 13	13-0185	EA	20" x 10" Supply Grille, Aluminum Drum	173.67	38.80
			<i>For Stainless Steel, Add</i>	240.23	
23 37 13	13-0186	EA	25" x 10" Supply Grille, Aluminum Drum	190.40	47.17
			<i>For Stainless Steel, Add</i>	240.23	
23 37 13	13-0187	EA	30" x 10" Supply Grille, Aluminum Drum	265.11	59.34
			<i>For Stainless Steel, Add</i>	366.13	
23 37 13	13-0188	EA	35" x 10" Supply Grille, Aluminum Drum	304.03	63.91
			<i>For Stainless Steel, Add</i>	440.60	
23 37 13	13-0189	EA	40" x 10" Supply Grille, Aluminum Drum	339.41	66.95
			<i>For Stainless Steel, Add</i>	513.85	
23 37 13	13-0190	EA	20" x 12" Supply Grille, Aluminum Drum	196.85	41.85
			<i>For Stainless Steel, Add</i>	282.95	
23 37 13	13-0191	EA	30" x 12" Supply Grille, Aluminum Drum	288.80	60.87
			<i>For Stainless Steel, Add</i>	417.75	
23 37 13	13-0192	EA	40" x 12" Supply Grille, Aluminum Drum	368.87	68.47
			<i>For Stainless Steel, Add</i>	579.88	
23 37 13	13-0193	EA	15" x 15" Supply Grille, Aluminum Drum	208.84	47.17
			<i>For Stainless Steel, Add</i>	286.33	
23 37 13	13-0194	EA	20" x 15" Supply Grille, Aluminum Drum	233.68	50.21
			<i>For Stainless Steel, Add</i>	333.18	
23 37 13	13-0195	EA	25" x 15" Supply Grille, Aluminum Drum	274.35	58.59
			<i>For Stainless Steel, Add</i>	393.03	
23 37 13	13-0196	EA	30" x 15" Supply Grille, Aluminum Drum	309.02	62.39
			<i>For Stainless Steel, Add</i>	460.68	
23 37 13	13-0197	EA	40" x 15" Supply Grille, Aluminum Drum	372.75	70.00
			<i>For Stainless Steel, Add</i>	582.00	
23 37 13	13-0198		Adjustable Shutter Blade Registers <small>(23 37 13 13-0155)</small>		
			Note: Double deflection flat frame aluminum construction.		
23 37 13	13-0199	EA	6" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	185.88	12.18
			<i>For Grille (No Damper), Deduct</i>	-20.81	
			<i>For Single Deflection, Deduct</i>	-27.75	
			<i>For Steel Construction, Deduct</i>	-13.87	
			<i>For Stainless Steel, Add</i>	346.83	
23 37 13	13-0200	EA	8" x 8" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	213.63	12.18
			<i>For Grille (No Damper), Deduct</i>	-24.97	
			<i>For Single Deflection, Deduct</i>	-33.30	
			<i>For Steel Construction, Deduct</i>	-16.65	
			<i>For Stainless Steel, Add</i>	416.20	
23 37 13	13-0201	EA	12" x 6" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	230.33	16.74
			<i>For Grille (No Damper), Deduct</i>	-24.97	
			<i>For Single Deflection, Deduct</i>	-33.30	
			<i>For Steel Construction, Deduct</i>	-16.65	
			<i>For Stainless Steel, Add</i>	416.20	
23 37 13	13-0202	EA	10" x 10" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	238.25	15.21
			<i>For Grille (No Damper), Deduct</i>	-26.16	
			<i>For Single Deflection, Deduct</i>	-34.88	
			<i>For Steel Construction, Deduct</i>	-17.44	
			<i>For Stainless Steel, Add</i>	436.00	
23 37 13	13-0203	EA	12" x 12" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	291.63	19.78
			<i>For Grille (No Damper), Deduct</i>	-32.11	
			<i>For Single Deflection, Deduct</i>	-42.81	
			<i>For Steel Construction, Deduct</i>	-21.40	
			<i>For Stainless Steel, Add</i>	535.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0204 EA 14" x 14" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	387.76	22.82
For Grille (No Damper), Deduct	-44.00	
For Single Deflection, Deduct	-58.66	
For Steel Construction, Deduct	-29.33	
For Stainless Steel, Add	733.30	
23 37 13 13-0205 EA 16" x 16" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	455.14	24.34
For Grille (No Damper), Deduct	-54.11	
For Single Deflection, Deduct	-72.14	
For Steel Construction, Deduct	-36.07	
For Stainless Steel, Add	901.75	
23 37 13 13-0206 EA 18" x 18" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	562.52	30.44
For Grille (No Damper), Deduct	-66.59	
For Single Deflection, Deduct	-88.79	
For Steel Construction, Deduct	-44.39	
For Stainless Steel, Add	1,109.85	
23 37 13 13-0207 EA 24" x 24" Adjustable Shutter Blade Register, Double Deflection, Flat Aluminum Frame	770.59	31.95
For Grille (No Damper), Deduct	-96.91	
For Single Deflection, Deduct	-129.22	
For Steel Construction, Deduct	-64.61	
For Stainless Steel, Add	1,615.23	
23 37 13 13-0208 Air Conditioning And Ventilation (23 37 13 13-0155)		
23 37 13 13-0209 EA 10" x 16" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	114.64	31.95
For Stainless Steel, Add	126.98	
23 37 13 13-0210 EA 18" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	196.69	47.55
For Stainless Steel, Add	253.95	
23 37 13 13-0211 EA 30" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	302.45	66.57
For Stainless Steel, Add	423.28	
23 37 13 13-0212 EA 48" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	741.31	91.30
For Stainless Steel, Add	1,396.78	
23 37 13 13-0213 Square Wall Return Air And Exhaust Grilles (23 37 13 13-0155)		
Note: Egg crate design aluminum construction.		
23 37 13 13-0214 EA 8" x 8" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	106.72	38.10
23 37 13 13-0215 EA 12" x 12" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	116.12	38.10
23 37 13 13-0216 EA 18" x 18" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	172.99	57.15
23 37 13 13-0217 EA 24" x 24" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	219.95	57.15
23 37 13 13-0218 EA 28" x 28" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	363.72	76.20
23 37 13 13-0219 EA 36" x 36" Egg Crate Wall Return Air Or Exhaust Grille, Aluminum Construction	647.39	76.08
23 37 13 13-0220 Rectangular Four-Way Adjustable Deflection Wall Supply Grilles (23 37 13 13-0155)		
Note: Aluminum construction.		
23 37 13 13-0221 EA 12" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	273.80	27.43
23 37 13 13-0222 EA 14" x 6" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	309.47	27.43
23 37 13 13-0223 EA 18" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	371.62	30.48
23 37 13 13-0224 EA 24" x 8" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	435.01	30.48
23 37 13 13-0225 EA 36" x 20" 4-Way Adjustable Wall Supply Grille, Adjustable Deflection, Aluminum Construction	565.61	95.25
23 37 13 13-0226 Square Ceiling Return Air And Exhaust Grilles (23 37 13 13-0155)		
Note: Egg crate design, plastic construction.		
23 37 13 13-0227 EA 24" x 24" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	55.74	18.24
23 37 13 13-0228 EA 24" x 48" Egg Crate Ceiling Return Air Or Exhaust Grille, Plastic Construction	78.71	18.39
23 37 13 13-0229 Door Grilles Sight Proof Inverted Vee Cross Section (23 37 13 13-0155)		
Note: Painted steel louvers and frame.		
23 37 13 13-0230 EA 12" x 6" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	155.01	27.43
23 37 13 13-0231 EA 12" x 12" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	198.49	27.43
23 37 13 13-0232 EA 18" x 18" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	242.09	28.95
23 37 13 13-0233 EA 24" x 24" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	325.32	34.59
23 37 13 13-0234 EA 24" x 30" Sight Proof Door Grilles, Inverted Vee Cross Section, Painted Steel	362.78	63.55
23 37 13 13-0235 Stainless Steel Devices (23 37 13 13-0155)		
23 37 13 13-0236 304 Stainless Steel, Louvered Partition/Door Grilles (23 37 13 13-0235)		
23 37 13 13-0237 SF Up To 4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	248.31	23.77
For 316 Stainless Steel, Add	41.74	
23 37 13 13-0238 SF >4 SF, 304 Stainless Steel, Louvered Partition/Door Grille	210.23	23.77
For 316 Stainless Steel, Add	34.12	
23 37 13 13-0239 304 Stainless Steel, Single Deflection Supply Grilles (23 37 13 13-0235)		
23 37 13 13-0240 SF Up To 4 SF, 304 Stainless Steel, Single Deflection Supply Grille	189.13	23.77
For 316 Stainless Steel, Add	29.90	
23 37 13 13-0241 SF >4 SF, 304 Stainless Steel, Single Deflection Supply Grille	161.44	23.77
For 316 Stainless Steel, Add	24.36	
23 37 13 13-0242 304 Stainless Steel, Double Deflection Supply Grilles (23 37 13 13-0235)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 13-0243	SF	Up To 4 SF, 304 Stainless Steel, Double Deflection Supply Grille	.....	274.78	23.77
		<i>For 316 Stainless Steel, Add</i>		47.03	
23 37 13 13-0244	SF	>4 SF, 304 Stainless Steel, Double Deflection Supply Grille	.....	234.81	23.77
		<i>For 316 Stainless Steel, Add</i>		39.04	
23 37 13 13-0245		304 Stainless Steel Return Grilles (23 37 13 13-0235)			
23 37 13 13-0246	SF	Up To 4 SF, 304 Stainless Steel Return Grille	.....	189.13	23.77
		<i>For 316 Stainless Steel, Add</i>		29.90	
23 37 13 13-0247	SF	>4 SF, 304 Stainless Steel Return Grille	.....	161.44	23.77
		<i>For 316 Stainless Steel, Add</i>		24.36	
23 37 13 13-0248		304 Stainless Steel, Louvered Supply/Return Grilles (23 37 13 13-0235)			
23 37 13 13-0249	SF	Up To 4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	.....	189.13	23.77
		<i>For 316 Stainless Steel, Add</i>		29.90	
23 37 13 13-0250	SF	>4 SF, 304 Stainless Steel, Louvered Supply/Return Grille	.....	161.44	23.77
		<i>For 316 Stainless Steel, Add</i>		24.36	
23 37 13 13-0251		304 Stainless Steel, Perforated Return Grilles (23 37 13 13-0235)			
23 37 13 13-0252	SF	Up To 4 SF, 304 Stainless Steel, Perforated Return Grille	.....	189.13	23.77
		<i>For 316 Stainless Steel, Add</i>		29.90	
23 37 13 13-0253	SF	>4 SF, 304 Stainless Steel, Perforated Return Grille	.....	153.83	23.77
		<i>For 316 Stainless Steel, Add</i>		22.84	
23 37 13 13-0254		304 Stainless Steel, Perforated Supply Grilles (23 37 13 13-0235)			
23 37 13 13-0255	SF	Up To 4 SF, 304 Stainless Steel, Perforated Supply Grille	.....	228.06	23.77
		<i>For 316 Stainless Steel, Add</i>		37.69	
23 37 13 13-0256	SF	>4 SF, 304 Stainless Steel, Perforated Supply Grille	.....	157.88	23.77
		<i>For 316 Stainless Steel, Add</i>		23.65	
23 37 13 13-0257		304 Stainless Steel, Door Grilles (23 37 13 13-0235)			
23 37 13 13-0258	SF	Up To 4 SF, 304 Stainless Steel, Door Grille	.....	338.63	23.77
		<i>For 316 Stainless Steel, Add</i>		59.80	
23 37 13 13-0259	SF	>4 SF, 304 Stainless Steel, Door Grille	.....	283.27	23.77
		<i>For 316 Stainless Steel, Add</i>		48.73	
23 37 13 13-0260		304 Stainless Steel, Linear Bar Grilles (23 37 13 13-0235)			
23 37 13 13-0261	SF	Up To 4 SF, 304 Stainless Steel, Linear Bar Grille	.....	431.55	23.77
		<i>For 316 Stainless Steel, Add</i>		78.38	
23 37 13 13-0262	SF	>4 SF, 304 Stainless Steel, Linear Bar Grille	.....	370.12	23.77
		<i>For 316 Stainless Steel, Add</i>		66.10	
23 37 13 13-0263		304 Stainless Steel, Hinged Filter Grilles (23 37 13 13-0235)			
23 37 13 13-0264	SF	Up To 4 SF, 304 Stainless Steel, Hinged Filter Grille	.....	318.39	23.77
		<i>For 316 Stainless Steel, Add</i>		55.75	
23 37 13 13-0265	SF	>4 SF, 304 Stainless Steel, Hinged Filter Grille	.....	221.50	23.77
		<i>For 316 Stainless Steel, Add</i>		36.37	
23 37 13 13-0266		304 Stainless Steel, Opposed Blade Dampers Grilles (23 37 13 13-0235)			
23 37 13 13-0267	SF	Up To 4 SF, 304 Stainless Steel, Opposed Blade Dampers Grille	.....	173.56	23.77
		<i>For 316 Stainless Steel, Add</i>		26.79	
23 37 13 13-0268	SF	Opposed Blade Dampers Grille, Stainless Steel 304, > 4 SF	.....	133.25	23.77
		<i>For 316 Stainless Steel, Add</i>		18.72	
23 37 13 13-0269		304 Stainless Steel, Plaster Frames Replacement (23 37 13 13-0235)			
		Note: For frequent replacement.			
23 37 13 13-0270	SF	To 4 SF, 304 Stainless Steel, Plaster Frames Replacement	.....	136.18	23.77
		<i>For 316 Stainless Steel, Add</i>		19.31	
23 37 13 13-0271	SF	>4 SF, 304 Stainless Steel, Plaster Frames Replacement	.....	74.41	23.77
		<i>For 316 Stainless Steel, Add</i>		6.96	
23 37 13 13-0272		304 Stainless Steel, Modular Louvered Ceiling Diffusers (23 37 13 13-0235)			
23 37 13 13-0273	SF	Up To 4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	.....	313.72	23.77
		<i>For 316 Stainless Steel, Add</i>		54.82	
23 37 13 13-0274	SF	>4 SF, 304 Stainless Steel, Modular Louvered Ceiling Diffuser	.....	246.41	23.77
		<i>For 316 Stainless Steel, Add</i>		41.36	
23 37 13 13-0275		304 Stainless Steel, Latticed Supply/Return Grilles (23 37 13 13-0235)			
23 37 13 13-0276	SF	Up To 4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	.....	112.82	23.77
		<i>For 316 Stainless Steel, Add</i>		14.64	
23 37 13 13-0277	SF	>4 SF, 304 Stainless Steel, Latticed Supply/Return Grille	.....	112.82	23.77
		<i>For 316 Stainless Steel, Add</i>		14.64	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	23 37 13	13	13-0278	Removal And Reinstallation Of Distribution Devices (23 37 13 13) Note: Includes storage and cleaning. Excludes ductwork.		
	23 37 13	13	13-0279	EA Removal And Reinstallation Of Variable Air Volume Terminal Unit	285.31	
	23 37 13	13	13-0280	EA Removal And Reinstallation Of Fan Powered Variable Volume Terminal Unit	314.68	
	23 37 13	13	13-0281	EA Removal And Reinstallation Of Lay-in Diffuser/Register/Grille	47.16	
	23 37 13	13	13-0282	EA Removal And Reinstallation Of Surface Mounted Diffuser/Register/Grille	63.88	
	23 37 13 43			Security Registers and Grilles (23 37 13)		
	23 37 13	43	43-0001	Security Supply Or Return Grille (23 37 13 43) Note: Designed for maximum security applications, 3/16" steel face plate with 2" x 2" square holes, 1/4" steel backer plate, 3/16" welded steel sleeve, 10 gauge x 2 wire mesh between face and backer plates, 1" x 1" x 3/16" angle iron frame, standard finish.		
	23 37 13	43	43-0002	EA 8" x 4" Steel Security Grille	292.44	22.86
				For Stainless Steel, Add	320.74	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	61.68	
				For Anchoring Tabs, Add	24.67	
				For Rear Operated Opposed Blade Damper, Add	90.92	
	23 37 13	43	43-0003	EA 8" x 6" Steel Security Grille	323.88	23.62
				For Stainless Steel, Add	359.62	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	69.16	
				For Anchoring Tabs, Add	27.66	
				For Rear Operated Opposed Blade Damper, Add	101.55	
	23 37 13	43	43-0004	EA 8" x 8" Steel Security Grille	371.09	26.67
				For Stainless Steel, Add	413.08	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	79.44	
				For Anchoring Tabs, Add	31.78	
				For Rear Operated Opposed Blade Damper, Add	116.55	
	23 37 13	43	43-0005	EA 10" x 4" Steel Security Grille	324.71	25.90
				For Stainless Steel, Add	354.76	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	68.22	
				For Anchoring Tabs, Add	27.29	
				For Rear Operated Opposed Blade Damper, Add	100.69	
	23 37 13	43	43-0006	EA 10" x 6" Steel Security Grille	346.45	27.43
				For Stainless Steel, Add	379.05	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	72.90	
				For Anchoring Tabs, Add	29.16	
				For Rear Operated Opposed Blade Damper, Add	107.54	
	23 37 13	43	43-0007	EA 10" x 8" Steel Security Grille	395.87	29.71
				For Stainless Steel, Add	437.37	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	84.11	
				For Anchoring Tabs, Add	33.64	
				For Rear Operated Opposed Blade Damper, Add	123.70	
	23 37 13	43	43-0008	EA 10" x 10" Steel Security Grille	441.56	32.01
				For Stainless Steel, Add	490.83	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	94.39	
				For Anchoring Tabs, Add	37.76	
				For Rear Operated Opposed Blade Damper, Add	138.55	
	23 37 13	43	43-0009	EA 12" x 4" Steel Security Grille	342.01	28.95
				For Stainless Steel, Add	369.33	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	71.03	
				For Anchoring Tabs, Add	28.41	
				For Rear Operated Opposed Blade Damper, Add	105.23	
	23 37 13	43	43-0010	EA 12" x 6" Steel Security Grille	381.75	32.01
				For Stainless Steel, Add	413.08	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	79.44	
				For Anchoring Tabs, Add	31.78	
				For Rear Operated Opposed Blade Damper, Add	117.61	
	23 37 13	43	43-0011	EA 12" x 8" Steel Security Grille	434.93	34.29
				For Stainless Steel, Add	476.26	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	91.59	
				For Anchoring Tabs, Add	36.64	
				For Rear Operated Opposed Blade Damper, Add	135.08	
	23 37 13	43	43-0012	EA 12" x 10" Steel Security Grille	473.14	36.58
				For Stainless Steel, Add	519.99	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	100.00	
				For Anchoring Tabs, Add	40.00	
				For Rear Operated Opposed Blade Damper, Add	147.31	
	23 37 13	43	43-0013	EA 12" x 12" Steel Security Grille	522.56	38.86
				For Stainless Steel, Add	578.31	
				For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
				For 1" x 1" Square Holes On Face, Add	111.21	
				For Anchoring Tabs, Add	44.49	
				For Rear Operated Opposed Blade Damper, Add	163.47	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37	13 43-0014	EA	14" x 4" Steel Security Grille.....	365.28	31.24
			<i>For Stainless Steel, Add</i>	393.64	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	75.70	
			<i>For Anchoring Tabs, Add</i>	30.28	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	112.23	
23 37	13 43-0015	EA	14" x 6" Steel Security Grille.....	410.97	33.52
			<i>For Stainless Steel, Add</i>	447.10	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	85.98	
			<i>For Anchoring Tabs, Add</i>	34.39	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	127.08	
23 37	13 43-0016	EA	14" x 8" Steel Security Grille.....	458.19	36.58
			<i>For Stainless Steel, Add</i>	500.55	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	96.26	
			<i>For Anchoring Tabs, Add</i>	38.50	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	142.08	
23 37	13 43-0017	EA	14" x 10" Steel Security Grille.....	516.61	39.63
			<i>For Stainless Steel, Add</i>	568.58	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	109.34	
			<i>For Anchoring Tabs, Add</i>	43.74	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	161.00	
23 37	13 43-0018	EA	14" x 12" Steel Security Grille.....	569.09	43.44
			<i>For Stainless Steel, Add</i>	626.90	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	120.56	
			<i>For Anchoring Tabs, Add</i>	48.22	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	177.47	
23 37	13 43-0019	EA	14" x 14" Steel Security Grille.....	612.56	46.48
			<i>For Stainless Steel, Add</i>	675.49	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	129.90	
			<i>For Anchoring Tabs, Add</i>	51.96	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	191.16	
23 37	13 43-0020	EA	16" x 6" Steel Security Grille.....	439.50	36.58
			<i>For Stainless Steel, Add</i>	476.26	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	91.59	
			<i>For Anchoring Tabs, Add</i>	36.64	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	135.54	
23 37	13 43-0021	EA	16" x 8" Steel Security Grille.....	501.66	39.63
			<i>For Stainless Steel, Add</i>	549.15	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	105.61	
			<i>For Anchoring Tabs, Add</i>	42.24	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	155.77	
23 37	13 43-0022	EA	16" x 10" Steel Security Grille.....	541.39	42.67
			<i>For Stainless Steel, Add</i>	592.88	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	114.02	
			<i>For Anchoring Tabs, Add</i>	45.61	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	168.15	
23 37	13 43-0023	EA	16" x 12" Steel Security Grille.....	609.52	44.95
			<i>For Stainless Steel, Add</i>	675.49	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	129.90	
			<i>For Anchoring Tabs, Add</i>	51.96	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	190.85	
23 37	13 43-0024	EA	16" x 14" Steel Security Grille.....	645.52	48.01
			<i>For Stainless Steel, Add</i>	714.38	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	137.38	
			<i>For Anchoring Tabs, Add</i>	54.95	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	201.93	
23 37	13 43-0025	EA	16" x 16" Steel Security Grille.....	700.22	51.06
			<i>For Stainless Steel, Add</i>	777.56	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	149.53	
			<i>For Anchoring Tabs, Add</i>	59.81	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	219.55	
23 37	13 43-0026	EA	18" x 6" Steel Security Grille.....	467.33	41.14
			<i>For Stainless Steel, Add</i>	500.55	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	96.26	
			<i>For Anchoring Tabs, Add</i>	38.50	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	142.99	
23 37	13 43-0027	EA	18" x 8" Steel Security Grille.....	533.24	44.20
			<i>For Stainless Steel, Add</i>	578.31	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	111.21	
			<i>For Anchoring Tabs, Add</i>	44.49	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	164.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0028 EA 18" x 10" Steel Security Grille.....	584.19	47.25
For Stainless Steel, Add	636.62	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	122.43	
For Anchoring Tabs, Add	48.97	
For Rear Operated Opposed Blade Damper, Add	180.85	
23 37 13 43-0029 EA 18" x 12" Steel Security Grille.....	642.62	50.29
For Stainless Steel, Add	704.65	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	135.51	
For Anchoring Tabs, Add	54.20	
For Rear Operated Opposed Blade Damper, Add	199.77	
23 37 13 43-0030 EA 18" x 14" Steel Security Grille.....	685.95	49.53
For Stainless Steel, Add	762.97	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	146.73	
For Anchoring Tabs, Add	58.69	
For Rear Operated Opposed Blade Damper, Add	215.32	
23 37 13 43-0031 EA 18" x 16" Steel Security Grille.....	750.34	51.82
For Stainless Steel, Add	840.72	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	161.68	
For Anchoring Tabs, Add	64.67	
For Rear Operated Opposed Blade Damper, Add	236.71	
23 37 13 43-0032 EA 18" x 18" Steel Security Grille.....	803.51	54.10
For Stainless Steel, Add	903.90	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	173.83	
For Anchoring Tabs, Add	69.53	
For Rear Operated Opposed Blade Damper, Add	254.18	
23 37 13 43-0033 EA 20" x 6" Steel Security Grille.....	501.11	44.95
For Stainless Steel, Add	534.56	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	102.80	
For Anchoring Tabs, Add	41.12	
For Rear Operated Opposed Blade Damper, Add	152.91	
23 37 13 43-0034 EA 20" x 8" Steel Security Grille.....	566.33	49.53
For Stainless Steel, Add	607.46	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	116.82	
For Anchoring Tabs, Add	46.73	
For Rear Operated Opposed Blade Damper, Add	173.45	
23 37 13 43-0035 EA 20" x 10" Steel Security Grille.....	623.24	51.82
For Stainless Steel, Add	675.49	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	129.90	
For Anchoring Tabs, Add	51.96	
For Rear Operated Opposed Blade Damper, Add	192.23	
23 37 13 43-0036 EA 20" x 12" Steel Security Grille.....	685.41	54.87
For Stainless Steel, Add	748.40	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	143.92	
For Anchoring Tabs, Add	57.57	
For Rear Operated Opposed Blade Damper, Add	212.46	
23 37 13 43-0037 EA 20" x 14" Steel Security Grille.....	753.52	57.15
For Stainless Steel, Add	831.01	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	159.81	
For Anchoring Tabs, Add	63.92	
For Rear Operated Opposed Blade Damper, Add	235.16	
23 37 13 43-0038 EA 20" x 16" Steel Security Grille.....	814.17	59.44
For Stainless Steel, Add	903.90	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	173.83	
For Anchoring Tabs, Add	69.53	
For Rear Operated Opposed Blade Damper, Add	255.24	
23 37 13 43-0039 EA 20" x 18" Steel Security Grille.....	871.07	61.72
For Stainless Steel, Add	971.93	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	186.91	
For Anchoring Tabs, Add	74.76	
For Rear Operated Opposed Blade Damper, Add	274.02	
23 37 13 43-0040 EA 20" x 20" Steel Security Grille.....	939.20	64.00
For Stainless Steel, Add	1,054.55	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	202.80	
For Anchoring Tabs, Add	81.12	
For Rear Operated Opposed Blade Damper, Add	296.72	
23 37 13 43-0041 EA 24" x 6" Steel Security Grille.....	556.63	50.29
For Stainless Steel, Add	592.88	
For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add	0.35	
For 1" x 1" Square Holes On Face, Add	114.02	
For Anchoring Tabs, Add	45.61	
For Rear Operated Opposed Blade Damper, Add	169.68	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 37 Air Outlets and Inlets**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 13 43-0042	EA		24" x 8" Steel Security Grille	629.32	54.87
			<i>For Stainless Steel, Add</i>	675.49	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	129.90	
			<i>For Anchoring Tabs, Add</i>	51.96	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	192.83	
23 37 13 43-0043	EA		24" x 10" Steel Security Grille	688.45	56.38
			<i>For Stainless Steel, Add</i>	748.40	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	143.92	
			<i>For Anchoring Tabs, Add</i>	57.57	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	212.77	
23 37 13 43-0044	EA		24" x 12" Steel Security Grille	771.66	62.48
			<i>For Stainless Steel, Add</i>	840.72	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	161.68	
			<i>For Anchoring Tabs, Add</i>	64.67	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	238.84	
23 37 13 43-0045	EA		24" x 14" Steel Security Grille	832.31	64.77
			<i>For Stainless Steel, Add</i>	913.63	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	175.70	
			<i>For Anchoring Tabs, Add</i>	70.28	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	258.93	
23 37 13 43-0046	EA		24" x 16" Steel Security Grille	907.90	67.06
			<i>For Stainless Steel, Add</i>	1,005.95	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	193.45	
			<i>For Anchoring Tabs, Add</i>	77.38	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	284.24	
23 37 13 43-0047	EA		24" x 18" Steel Security Grille	994.70	69.34
			<i>For Stainless Steel, Add</i>	1,112.87	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	214.01	
			<i>For Anchoring Tabs, Add</i>	85.61	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	313.48	
23 37 13 43-0048	EA		24" x 20" Steel Security Grille	1,055.35	71.62
			<i>For Stainless Steel, Add</i>	1,185.77	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	228.03	
			<i>For Anchoring Tabs, Add</i>	91.21	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	333.57	
23 37 13 43-0049	EA		24" x 24" Steel Security Grille	1,184.11	76.20
			<i>For Stainless Steel, Add</i>	1,341.28	
			<i>For Each Square Inch With 1/4" Steel Backer Plate Case Hardened To Rockwell "C" 56/58, Add</i>	0.35	
			<i>For 1" x 1" Square Holes On Face, Add</i>	257.94	
			<i>For Anchoring Tabs, Add</i>	103.18	
			<i>For Rear Operated Opposed Blade Damper, Add</i>	376.35	

23 37 23 HVAC Gravity Ventilators (23 37)**23 37 23 13 HVAC Gravity Dome Ventilators (23 37 23)****23 37 23 13-0001 Rectangular Gravity Intake/Relief Ventilator Hood (23 37 23 13)**

Note: Includes flange base and bird screen. Excludes curb.

23 37 23 13-0002	EA		8" x 8" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,147.12	88.26
23 37 23 13-0003	EA		8" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,215.71	101.04
23 37 23 13-0004	EA		8" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,519.70	125.69
23 37 23 13-0005	EA		8" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,618.73	133.76
23 37 23 13-0006	EA		8" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,889.75	155.67
23 37 23 13-0007	EA		10" x 10" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,351.45	100.43
23 37 23 13-0008	EA		12" x 12" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,486.91	113.22
23 37 23 13-0009	EA		12" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,722.71	121.73
23 37 23 13-0010	EA		12" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,879.76	147.54
23 37 23 13-0011	EA		12" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,159.90	158.25
23 37 23 13-0012	EA		12" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,439.77	167.99
23 37 23 13-0013	EA		14" x 14" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,612.43	114.58
23 37 23 13-0014	EA		14" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,837.46	130.56
23 37 23 13-0015	EA		14" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,062.50	146.54
23 37 23 13-0016	EA		14" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,324.91	165.25
23 37 23 13-0017	EA		14" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,625.00	186.56
23 37 23 13-0018	EA		16" x 16" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,949.88	138.62
23 37 23 13-0019	EA		16" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,024.92	143.95
23 37 23 13-0020	EA		16" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,249.95	159.93
23 37 23 13-0021	EA		16" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,549.89	181.23
23 37 23 13-0022	EA		16" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,849.82	202.53
23 37 23 13-0023	EA		16" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,262.34	231.90
23 37 23 13-0024	EA		18" x 18" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	1,937.76	136.64
23 37 23 13-0025	EA		18" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,254.79	159.02
23 37 23 13-0026	EA		18" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,571.97	181.39
23 37 23 13-0027	EA		18" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,924.25	206.18
23 37 23 13-0028	EA		18" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	3,241.31	228.55
23 37 23 13-0029	EA		20" x 20" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,038.54	151.56
23 37 23 13-0030	EA		20" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,305.80	171.49
23 37 23 13-0031	EA		20" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI).....	2,573.22	191.27

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 37 23 13-0032 EA 20" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,974.27	221.09
23 37 23 13-0033 EA 20" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,274.98	243.47
23 37 23 13-0034 EA 24" x 24" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,576.42	203.75
23 37 23 13-0035 EA 24" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	2,859.15	226.12
23 37 23 13-0036 EA 24" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,267.67	258.38
23 37 23 13-0037 EA 24" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,581.84	283.18
23 37 23 13-0038 EA 24" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,927.46	310.57
23 37 23 13-0039 EA 30" x 30" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,092.74	231.90
23 37 23 13-0040 EA 30" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,407.74	255.49
23 37 23 13-0041 EA 30" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,751.49	281.20
23 37 23 13-0042 EA 30" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,095.09	307.07
23 37 23 13-0043 EA 30" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,982.76	373.57
23 37 23 13-0044 EA 30" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,326.53	399.28
23 37 23 13-0045 EA 36" x 36" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,577.59	287.75
23 37 23 13-0046 EA 36" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	3,924.58	315.60
23 37 23 13-0047 EA 36" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,698.83	377.83
23 37 23 13-0048 EA 36" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,232.72	420.74
23 37 23 13-0049 EA 36" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,553.20	446.61
23 37 23 13-0050 EA 36" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,980.31	480.85
23 37 23 13-0051 EA 36" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,727.91	540.95
23 37 23 13-0052 EA 42" x 42" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	4,256.93	322.13
23 37 23 13-0053 EA 42" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,285.23	399.90
23 37 23 13-0054 EA 42" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,026.67	456.04
23 37 23 13-0055 EA 42" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,241.82	472.32
23 37 23 13-0056 EA 42" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,959.30	526.50
23 37 23 13-0057 EA 42" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,652.81	578.99
23 37 23 13-0058 EA 48" x 48" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	5,641.94	465.02
23 37 23 13-0059 EA 48" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,103.08	503.06
23 37 23 13-0060 EA 48" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,564.05	541.11
23 37 23 13-0061 EA 48" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,288.50	600.75
23 37 23 13-0062 EA 48" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,702.67	608.66
23 37 23 13-0063 EA 54" x 54" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	6,540.68	524.21
23 37 23 13-0064 EA 54" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,336.73	587.97
23 37 23 13-0065 EA 54" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	7,960.75	638.03
23 37 23 13-0066 EA 54" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,476.99	679.43
23 37 23 13-0067 EA 60" x 60" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,152.13	652.64
23 37 23 13-0068 EA 60" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,566.50	695.71
23 37 23 13-0069 EA 60" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	9,185.04	749.12
23 37 23 13-0070 EA 66" x 66" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	8,595.08	752.62
23 37 23 13-0071 EA 66" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,050.96	880.13
23 37 23 13-0072 EA 72" x 72" Throat, Galvanized Steel, Gravity Intake/Relief Ventilator Hood (Greenheck FGI)	10,310.58	811.51

23 38 Ventilation Hoods (23 30)

23 38 13 Commercial-Kitchen Hoods (23 38)

23 38 13 13 Listed Commercial-Kitchen Hoods (23 38 13)

23 38 13 13-0001 Universal Ventless Hood (23 38 13 13)

23 38 13 13-0002	EA	109" Wide x 50" Deep x 102" High, Ventless Exhaust Hood With Stand, (Wells WVU-96)	51,524.39	454.35
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23 38 13 16 Standard Commercial-Kitchen Hoods (23 38 13)

23 38 13 16-0001 Commercial Kitchen Hood Ventilation System (23 38 13 16)

Note: Excludes fire suppression. See CSI section 23 34 16 00-0108 for exhaust and supply fans.

23 38 13 16-0002 Dry Filter Exhaust Hoods (23 38 13 16-0001)

Note: Includes stainless steel filters, exhaust damper and 48" long fluorescent light fixtures.

23 38 13 16-0003	EA	8' Long x 60" Deep Dry Filter Exhaust Hood	12,054.66	852.44
23 38 13 16-0004	EA	8'-6" Long x 60" Deep Dry Filter Exhaust Hood	12,552.35	905.73
23 38 13 16-0005	EA	9' Long x 60" Deep Dry Filter Exhaust Hood	14,015.33	959.00
23 38 13 16-0006	EA	9'-6" Long x 60" Deep Dry Filter Exhaust Hood	14,433.13	1,012.28
23 38 13 16-0007	EA	10' Long x 60" Deep Dry Filter Exhaust Hood	14,945.18	1,065.55
23 38 13 16-0008	EA	10'-6" Long x 60" Deep Dry Filter Exhaust Hood	15,487.41	1,118.83
23 38 13 16-0009	EA	11' Long x 60" Deep Dry Filter Exhaust Hood	16,000.09	1,172.11
23 38 13 16-0010	EA	11'-6" Long x 60" Deep Dry Filter Exhaust Hood	16,528.89	1,225.38
23 38 13 16-0011	EA	12' Long x 60" Deep Dry Filter Exhaust Hood	17,119.21	1,278.67
23 38 13 16-0012	EA	12'-6" Long x 60" Deep Dry Filter Exhaust Hood	17,629.22	1,331.94
23 38 13 16-0013	EA	13' Long x 60" Deep Dry Filter Exhaust Hood	18,048.05	1,385.22
23 38 13 16-0014	EA	13'-6" Long x 60" Deep Dry Filter Exhaust Hood	18,764.95	1,438.50
23 38 13 16-0015	EA	14' Long x 60" Deep Dry Filter Exhaust Hood	21,034.40	1,491.77
23 38 13 16-0016	EA	14'-6" Long x 60" Deep Dry Filter Exhaust Hood	21,596.65	1,545.05
23 38 13 16-0017	EA	15' Long x 60" Deep Dry Filter Exhaust Hood	22,368.09	1,598.33
23 38 13 16-0018	EA	15'-6" Long x 60" Deep Dry Filter Exhaust Hood	22,943.72	1,651.61
23 38 13 16-0019	EA	16' Long x 60" Deep Dry Filter Exhaust Hood	23,813.15	1,704.89

23 38 13 16-0020 Dry Extractor Exhaust Hoods (23 38 13 16-0001)

Note: Includes extractor inserts, exhaust damper, 48" long fluorescent light fixtures, and UDS filler panels.

23 38 13 16-0021	EA	8' Long x 60" Deep Dry Extractor Exhaust Hood	16,980.75	852.44
23 38 13 16-0022	EA	8'-6" Long x 60" Deep Dry Extractor Exhaust Hood	17,509.61	905.73
23 38 13 16-0023	EA	9' Long x 60" Deep Dry Extractor Exhaust Hood	19,066.13	959.00

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 30 HVAC Air Distribution****23 38 Ventilation Hoods**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0024	EA		9'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	19,608.64	1,012.28
23 38 13 16-0025	EA		10' Long x 60" Deep Dry Extractor Exhaust Hood.....	20,151.87	1,065.55
23 38 13 16-0026	EA		10'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	20,662.92	1,118.83
23 38 13 16-0027	EA		11' Long x 60" Deep Dry Extractor Exhaust Hood.....	21,206.78	1,172.11
23 38 13 16-0028	EA		11'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	21,719.99	1,225.38
23 38 13 16-0029	EA		12' Long x 60" Deep Dry Extractor Exhaust Hood.....	22,201.19	1,278.67
23 38 13 16-0030	EA		12'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	22,898.27	1,331.94
23 38 13 16-0031	EA		13' Long x 60" Deep Dry Extractor Exhaust Hood.....	23,706.82	1,385.22
23 38 13 16-0032	EA		13'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	24,564.02	1,438.50
23 38 13 16-0033	EA		14' Long x 60" Deep Dry Extractor Exhaust Hood.....	26,381.39	1,491.77
23 38 13 16-0034	EA		14'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	27,255.42	1,545.05
23 38 13 16-0035	EA		15' Long x 60" Deep Dry Extractor Exhaust Hood.....	28,977.78	1,598.33
23 38 13 16-0036	EA		15'-6" Long x 60" Deep Dry Extractor Exhaust Hood.....	30,722.58	1,651.61
23 38 13 16-0037	EA		16' Long x 60" Deep Dry Extractor Exhaust Hood.....	32,449.39	1,704.89
23 38 13 16-0038			Single Manifold Water Wash Exhaust Hoods (23 38 13 16-0001)		
			Note: Includes extraction baffles, 48" long fluorescent light fixtures, and UDS filler panels. Excludes fan wash control panel.		
23 38 13 16-0039	EA		8' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	18,227.86	852.44
23 38 13 16-0040	EA		8'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	18,787.90	905.73
23 38 13 16-0041	EA		9' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	20,375.60	959.00
23 38 13 16-0042	EA		9'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	20,933.69	1,012.28
23 38 13 16-0043	EA		10' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	21,523.69	1,065.55
23 38 13 16-0044	EA		10'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	22,065.92	1,118.83
23 38 13 16-0045	EA		11' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	22,625.37	1,172.11
23 38 13 16-0046	EA		11'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	23,185.34	1,225.38
23 38 13 16-0047	EA		12' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	23,882.14	1,278.67
23 38 13 16-0048	EA		12'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	24,441.57	1,331.94
23 38 13 16-0049	EA		13' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	25,312.47	1,385.22
23 38 13 16-0050	EA		13'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	26,232.03	1,438.50
23 38 13 16-0051	EA		14' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	28,111.76	1,491.77
23 38 13 16-0052	EA		14'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	29,048.14	1,545.05
23 38 13 16-0053	EA		15' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	30,941.98	1,598.33
23 38 13 16-0054	EA		15'-6" Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	31,876.16	1,651.61
23 38 13 16-0055	EA		16' Long x 60" Deep Single Manifold Water Wash Exhaust Hood.....	32,807.94	1,704.89
23 38 13 16-0056	EA		Fan Wash Control Panel.....	13,132.37	426.22
			Note: Includes time clock and backflow preventer.		
23 38 13 16-0057			Utility Distribution System (UDS) (23 38 13 16-0001)		
			Note: Includes "L" shaped primary riser, secondary riser, horizontal mechanical and electrical raceway; 2" IPS looped gas manifold with two (2) solenoid gas valves; 1" hot water manifold; 1" cold water manifold; 100 Amp 120-208 VAC/3 Ph/60 Hz main shunt trip connectors; equipment restraints; flexible drain connectors; and power interruption device. Excludes main shunt breaker.		
23 38 13 16-0058	EA		8' Long UDS.....	34,706.07	433.47
23 38 13 16-0059	EA		8'-6" Long UDS.....	35,730.93	444.02
23 38 13 16-0060	EA		9' Long UDS.....	36,744.62	454.35
23 38 13 16-0061	EA		9'-6" Long UDS.....	37,766.75	468.84
23 38 13 16-0062	EA		10' Long UDS.....	38,782.86	480.35
23 38 13 16-0063	EA		10'-6" Long UDS.....	39,789.33	492.49
23 38 13 16-0064	EA		11' Long UDS.....	40,810.00	500.91
23 38 13 16-0065	EA		11'-6" Long UDS.....	41,829.40	514.13
23 38 13 16-0066	EA		12' Long UDS.....	42,859.84	532.78
23 38 13 16-0067	EA		12'-6" Long UDS.....	43,903.63	558.13
23 38 13 16-0068	EA		13' Long UDS.....	44,929.50	574.54
23 38 13 16-0069	EA		13'-6" Long UDS.....	45,969.46	597.99
23 38 13 16-0070	EA		14' Long UDS.....	47,000.27	616.85
23 38 13 16-0071	EA		14'-6" Long UDS.....	48,033.55	636.99
23 38 13 16-0072	EA		15' Long UDS.....	49,069.55	658.51
23 38 13 16-0073	EA		15'-6" Long UDS.....	50,108.52	681.42
23 38 13 16-0074	EA		16' Long UDS.....	51,134.03	697.72
23 38 13 16-0075			Stainless Steel Exhaust Hood Material (23 38 13 16)		
			Note: Welded seams.		
23 38 13 16-0076	SF		16 Gauge, Type 304, Stainless Steel Exhaust Hood Material.....	52.73	18.58
			For Type 316 Stainless Steel, Add	1.42	
23 38 13 16-0077	SF		14 Gauge, Type 304, Stainless Steel Exhaust Hood Material.....	65.92	24.76
			For Type 316 Stainless Steel, Add	1.78	
23 38 13 16-0078	SF		12 Gauge, Type 304, Stainless Steel Exhaust Hood Material.....	91.53	33.43
			For Type 316 Stainless Steel, Add	2.49	
23 38 13 16-0079	SF		10 Gauge, Type 304, Stainless Steel Exhaust Hood Material.....	114.50	40.86
			For Type 316 Stainless Steel, Add	3.20	
23 38 13 16-0080			Kitchen Exhaust Hood (23 38 13 16)		
23 38 13 16-0081	EA		10' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System With PSP Makeup Air (Halifax LPSHP1048).....	11,873.73	2,806.57
			Note: Ductwork connections by others.		
			For Type 316 Stainless Steel, Add	626.06	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 38 13 16-0082 EA 8' x 4', Type 1, Commercial Kitchen Hood System With Short Cycle Makeup Air (Halifax SCHP848)	10,751.10	2,245.25
Note: Ductwork connections by others.		
For Type 316 Stainless Steel, Add	626.06	
23 38 13 16-0083 EA 4' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP448)	5,812.59	1,122.63
Note: Ductwork connections by others.		
For Type 316 Stainless Steel, Add	356.73	
23 38 13 16-0084 EA 6' x 4', Type 1, Low Ceiling Sloped Front Commercial Kitchen Hood System (Halifax LEXHP648)	7,546.57	1,683.94
Note: Ductwork connections by others.		
For Type 316 Stainless Steel, Add	417.87	
23 38 13 16-0085 EA 5' x 4', Type 1, Commercial Kitchen Hood System (Halifax EXHP548)	6,770.46	1,403.29
Note: Ductwork connections by others.		
For Type 316 Stainless Steel, Add	396.39	

23 40 HVAC Air Cleaning Devices ⁽²³⁾

23 41 Particulate Air Filtration ^(23 40)

23 41 13 Panel Air Filters ^(23 41)

23 41 13 00-0001 Disposable Air Filters ^(23 41 13)

23 41 13 00-0002 EA	Throwaway Glass Or Paper Media Filter, Residential	15.14
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23 41 13 00-0003 Disposable Fiberglass Air Filters ^(23 41 13)

23 41 13 00-0004 EA	8" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.17	7.32
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0005 EA	8" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.17	7.32
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0006 EA	8" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.90	7.32
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0007 EA	10" x 10" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.91	7.66
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0008 EA	10" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.91	7.66
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0009 EA	10" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.91	7.66
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0010 EA	10" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	14.91	7.66
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0011 EA	10" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.13	7.66
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0012 EA	12" x 12" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.73	8.00
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0013 EA	12" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.70	8.00
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0014 EA	12" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.07	8.00
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0015 EA	12" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.07	8.00
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0016 EA	12" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.07	8.00
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0017 EA	12" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	17.54	8.00
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0018 EA	12" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5.....	20.36	8.00
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0019 EA	14" x 14" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.89	8.45
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0020 EA	14" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5.....	19.25	8.45
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0021 EA	14" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.98	8.45
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0022 EA	14" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.89	8.45
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0023 EA	14" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.98	8.45
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0024 EA	14" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	17.74	8.45
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0025 EA	15" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.20	8.69
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0026 EA	15" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.20	8.69
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0027 EA	15" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	20.32	8.69
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0028 EA	16" x 16" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.38	8.81
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0029 EA	16" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5.....	17.91	8.81
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0030 EA	16" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5.....	16.43	8.81
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0031 EA	16" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5.....	17.34	8.81
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0032 EA	16" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5.....	15.84	8.81
	Note: One-piece kraft fiberboard frame with two metal grids.		
23 41 13 00-0033 EA	16" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5.....	20.49	8.81
	Note: One-piece kraft fiberboard frame with two metal grids.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 41 Particulate Air Filtration**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0034	EA	16" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	23.91	8.81
23 41 13 00-0035	EA	16" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	23.64	8.81
23 41 13 00-0036	EA	18" x 18" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	17.80	9.15
23 41 13 00-0037	EA	18" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	17.44	9.15
23 41 13 00-0038	EA	18" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	17.80	9.15
23 41 13 00-0039	EA	18" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	18.99	9.15
23 41 13 00-0040	EA	18" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.72	9.15
23 41 13 00-0041	EA	18" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	22.72	9.15
23 41 13 00-0042	EA	19" x 27" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.67	9.60
23 41 13 00-0043	EA	20" x 20" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	16.90	9.60
23 41 13 00-0044	EA	20" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.02	9.60
23 41 13 00-0045	EA	20" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.29	9.60
23 41 13 00-0046	EA	20" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.77	9.60
23 41 13 00-0047	EA	20" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	24.98	9.60
23 41 13 00-0048	EA	20" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	22.77	9.60
23 41 13 00-0049	EA	21" x 21" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.97	9.71
23 41 13 00-0050	EA	22" x 22" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.20	9.83
23 41 13 00-0051	EA	24" x 24" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.35	9.94
23 41 13 00-0052	EA	24" x 30" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.95	9.94
23 41 13 00-0053	EA	24" x 36" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	27.11	9.94
23 41 13 00-0054	EA	25" x 25" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.50	10.06
23 41 13 00-0055	EA	25" x 32" x 1" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	27.63	10.06
23 41 13 00-0056	EA	10" x 10" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	16.77	7.66
23 41 13 00-0057	EA	10" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	15.75	7.66
23 41 13 00-0058	EA	12" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	18.11	8.00
23 41 13 00-0059	EA	14" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	18.72	8.45
23 41 13 00-0060	EA	14" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	18.72	8.45
23 41 13 00-0061	EA	15" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.13	8.69
23 41 13 00-0062	EA	16" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.06	8.81
23 41 13 00-0063	EA	16" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	18.90	8.81
23 41 13 00-0064	EA	16" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	19.28	8.81
23 41 13 00-0065	EA	18" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.40	9.15
23 41 13 00-0066	EA	20" x 20" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	21.11	9.60
23 41 13 00-0067	EA	20" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.85	9.60
23 41 13 00-0068	EA	20" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	20.85	9.60
23 41 13 00-0069	EA	24" x 24" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	21.58	9.94
23 41 13 00-0070	EA	25" x 25" x 2" Disposable Fiberglass Air Filter, MERV 5..... Note: One-piece kraft fiberboard frame with two metal grids.	21.73	10.06
23 41 13 00-0071		Disposable Pleated Air Filters <small>(23 41 13)</small>		
23 41 13 00-0072	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	15.95	7.66
23 41 13 00-0073	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	22.72	7.66
23 41 13 00-0074	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	28.07	7.66
23 41 13 00-0075	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 8.....	20.06	8.00
23 41 13 00-0076	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 8.....	18.80	8.00
23 41 13 00-0077	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 8.....	18.60	8.00
23 41 13 00-0078	EA	12" x 25" x 1" Disposable Pleated Air Filter, MERV 8.....	18.60	8.00
23 41 13 00-0079	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 8.....	28.53	8.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41	13 00-0080	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 8	22.55	8.45
23 41	13 00-0081	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 8	19.41	8.45
23 41	13 00-0082	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 8	24.15	8.45
23 41	13 00-0083	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 8	19.99	8.45
23 41	13 00-0084	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 8	27.71	8.45
23 41	13 00-0085	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 8	19.83	8.69
23 41	13 00-0086	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 8	23.00	8.81
23 41	13 00-0087	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 8	19.59	8.81
23 41	13 00-0088	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.46	8.81
23 41	13 00-0089	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 8	20.24	8.81
23 41	13 00-0090	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 8	28.16	8.81
23 41	13 00-0091	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 8	30.05	9.15
23 41	13 00-0092	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 8	22.88	9.15
23 41	13 00-0093	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.52	9.15
23 41	13 00-0094	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 8	22.27	9.15
23 41	13 00-0095	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 8	30.22	9.15
23 41	13 00-0096	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 8	21.41	9.60
23 41	13 00-0097	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 8	22.71	9.60
23 41	13 00-0098	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 8	22.49	9.60
23 41	13 00-0099	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 8	25.09	9.60
23 41	13 00-0100	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 8	30.01	9.83
23 41	13 00-0101	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 8	24.12	9.94
23 41	13 00-0102	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 8	36.41	9.94
23 41	13 00-0103	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 8	25.40	10.06
23 41	13 00-0104	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 8	18.47	7.66
23 41	13 00-0105	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 8	23.58	8.00
23 41	13 00-0106	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 8	19.35	8.00
23 41	13 00-0107	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 8	19.09	8.00
23 41	13 00-0108	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 8	20.18	8.45
23 41	13 00-0109	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 8	20.97	8.45
23 41	13 00-0110	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 8	20.48	8.69
23 41	13 00-0111	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 8	25.19	8.81
23 41	13 00-0112	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 8	20.15	8.81
23 41	13 00-0113	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.65	8.81
23 41	13 00-0114	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 8	21.16	8.81
23 41	13 00-0115	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 8	28.81	9.15
23 41	13 00-0116	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 8	24.94	9.15
23 41	13 00-0117	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 8	22.88	9.15
23 41	13 00-0118	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 8	23.67	9.15
23 41	13 00-0119	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 8	22.42	9.60
23 41	13 00-0120	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 8	23.86	9.60
23 41	13 00-0121	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 8	23.61	9.60
23 41	13 00-0122	EA	20" x 30" x 2" Disposable Pleated Air Filter, MERV 8	32.94	9.60
23 41	13 00-0123	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 8	25.22	9.94
23 41	13 00-0124	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 8	27.62	10.06
23 41	13 00-0125	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 8	28.13	8.00
23 41	13 00-0126	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 8	30.44	8.81
23 41	13 00-0127	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 8	32.38	8.81
23 41	13 00-0128	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 8	34.84	9.15
23 41	13 00-0129	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 8	33.35	9.60
23 41	13 00-0130	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 8	36.07	9.60
23 41	13 00-0131	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 8	36.32	9.60
23 41	13 00-0132	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 8	39.51	9.94
23 41	13 00-0133	EA	10" x 20" x 1" Disposable Pleated Air Filter, MERV 11	25.69	7.66
23 41	13 00-0134	EA	10" x 24" x 1" Disposable Pleated Air Filter, MERV 11	25.69	7.66
23 41	13 00-0135	EA	10" x 30" x 1" Disposable Pleated Air Filter, MERV 11	32.71	7.66
23 41	13 00-0136	EA	12" x 12" x 1" Disposable Pleated Air Filter, MERV 11	27.20	8.00
23 41	13 00-0137	EA	12" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.57	8.00
23 41	13 00-0138	EA	12" x 24" x 1" Disposable Pleated Air Filter, MERV 11	26.47	8.00
23 41	13 00-0139	EA	12" x 30" x 1" Disposable Pleated Air Filter, MERV 11	36.93	8.00
23 41	13 00-0140	EA	14" x 14" x 1" Disposable Pleated Air Filter, MERV 11	30.74	8.45
23 41	13 00-0141	EA	14" x 20" x 1" Disposable Pleated Air Filter, MERV 11	27.34	8.45
23 41	13 00-0142	EA	14" x 24" x 1" Disposable Pleated Air Filter, MERV 11	34.65	8.45
23 41	13 00-0143	EA	14" x 25" x 1" Disposable Pleated Air Filter, MERV 11	33.94	8.45
23 41	13 00-0144	EA	14" x 30" x 1" Disposable Pleated Air Filter, MERV 11	39.46	8.45
23 41	13 00-0145	EA	15" x 20" x 1" Disposable Pleated Air Filter, MERV 11	26.39	8.69
23 41	13 00-0146	EA	16" x 16" x 1" Disposable Pleated Air Filter, MERV 11	36.45	8.81
23 41	13 00-0147	EA	16" x 20" x 1" Disposable Pleated Air Filter, MERV 11	24.83	8.81
23 41	13 00-0148	EA	16" x 24" x 1" Disposable Pleated Air Filter, MERV 11	31.35	8.81
23 41	13 00-0149	EA	16" x 25" x 1" Disposable Pleated Air Filter, MERV 11	29.00	8.81
23 41	13 00-0150	EA	16" x 30" x 1" Disposable Pleated Air Filter, MERV 11	37.54	8.81
23 41	13 00-0151	EA	18" x 18" x 1" Disposable Pleated Air Filter, MERV 11	38.45	9.15
23 41	13 00-0152	EA	18" x 20" x 1" Disposable Pleated Air Filter, MERV 11	33.00	9.15
23 41	13 00-0153	EA	18" x 24" x 1" Disposable Pleated Air Filter, MERV 11	29.99	9.15
23 41	13 00-0154	EA	18" x 25" x 1" Disposable Pleated Air Filter, MERV 11	31.81	9.15
23 41	13 00-0155	EA	18" x 30" x 1" Disposable Pleated Air Filter, MERV 11	43.14	9.15
23 41	13 00-0156	EA	20" x 20" x 1" Disposable Pleated Air Filter, MERV 11	30.24	9.60
23 41	13 00-0157	EA	20" x 24" x 1" Disposable Pleated Air Filter, MERV 11	32.93	9.60
23 41	13 00-0158	EA	20" x 25" x 1" Disposable Pleated Air Filter, MERV 11	33.22	9.60
23 41	13 00-0159	EA	20" x 30" x 1" Disposable Pleated Air Filter, MERV 11	38.23	9.60
23 41	13 00-0160	EA	22" x 22" x 1" Disposable Pleated Air Filter, MERV 11	42.11	9.83
23 41	13 00-0161	EA	24" x 24" x 1" Disposable Pleated Air Filter, MERV 11	35.92	9.94
23 41	13 00-0162	EA	24" x 30" x 1" Disposable Pleated Air Filter, MERV 11	45.76	9.94

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 41 Particulate Air Filtration**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 41 13 00-0163	EA	25" x 25" x 1" Disposable Pleated Air Filter, MERV 11	40.12	10.06
23 41 13 00-0164	EA	10" x 20" x 2" Disposable Pleated Air Filter, MERV 11	26.11	7.66
23 41 13 00-0165	EA	12" x 12" x 2" Disposable Pleated Air Filter, MERV 11	27.48	8.00
23 41 13 00-0166	EA	12" x 20" x 2" Disposable Pleated Air Filter, MERV 11	26.23	8.00
23 41 13 00-0167	EA	12" x 24" x 2" Disposable Pleated Air Filter, MERV 11	30.42	8.00
23 41 13 00-0168	EA	14" x 20" x 2" Disposable Pleated Air Filter, MERV 11	27.63	8.45
23 41 13 00-0169	EA	14" x 25" x 2" Disposable Pleated Air Filter, MERV 11	28.83	8.45
23 41 13 00-0170	EA	15" x 20" x 2" Disposable Pleated Air Filter, MERV 11	28.37	8.69
23 41 13 00-0171	EA	16" x 16" x 2" Disposable Pleated Air Filter, MERV 11	37.16	8.81
23 41 13 00-0172	EA	16" x 20" x 2" Disposable Pleated Air Filter, MERV 11	32.67	8.81
23 41 13 00-0173	EA	16" x 24" x 2" Disposable Pleated Air Filter, MERV 11	31.91	8.81
23 41 13 00-0174	EA	16" x 25" x 2" Disposable Pleated Air Filter, MERV 11	35.81	8.81
23 41 13 00-0175	EA	18" x 18" x 2" Disposable Pleated Air Filter, MERV 11	42.55	9.15
23 41 13 00-0176	EA	18" x 20" x 2" Disposable Pleated Air Filter, MERV 11	34.27	9.15
23 41 13 00-0177	EA	18" x 24" x 2" Disposable Pleated Air Filter, MERV 11	38.75	9.15
23 41 13 00-0178	EA	18" x 25" x 2" Disposable Pleated Air Filter, MERV 11	33.92	9.15
23 41 13 00-0179	EA	20" x 20" x 2" Disposable Pleated Air Filter, MERV 11	37.46	9.60
23 41 13 00-0180	EA	20" x 24" x 2" Disposable Pleated Air Filter, MERV 11	39.95	9.60
23 41 13 00-0181	EA	20" x 25" x 2" Disposable Pleated Air Filter, MERV 11	40.32	9.60
23 41 13 00-0182	EA	24" x 24" x 2" Disposable Pleated Air Filter, MERV 11	40.41	9.94
23 41 13 00-0183	EA	25" x 25" x 2" Disposable Pleated Air Filter, MERV 11	40.93	10.06
23 41 13 00-0184	EA	12" x 24" x 4" Disposable Pleated Air Filter, MERV 11	48.04	8.00
23 41 13 00-0185	EA	16" x 20" x 4" Disposable Pleated Air Filter, MERV 11	49.37	8.81
23 41 13 00-0186	EA	16" x 25" x 4" Disposable Pleated Air Filter, MERV 11	58.32	8.81
23 41 13 00-0187	EA	18" x 24" x 4" Disposable Pleated Air Filter, MERV 11	58.34	9.15
23 41 13 00-0188	EA	20" x 20" x 4" Disposable Pleated Air Filter, MERV 11	58.26	9.60
23 41 13 00-0189	EA	20" x 24" x 4" Disposable Pleated Air Filter, MERV 11	63.88	9.60
23 41 13 00-0190	EA	20" x 25" x 4" Disposable Pleated Air Filter, MERV 11	63.88	9.60
23 41 13 00-0191	EA	24" x 24" x 4" Disposable Pleated Air Filter, MERV 11	71.07	9.94
23 41 13 00-0192	EA	8" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.07	7.32
23 41 13 00-0193	EA	8" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.07	7.32
23 41 13 00-0194	EA	8" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.07	7.32
23 41 13 00-0195	EA	10" x 10" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.53	7.66
23 41 13 00-0196	EA	10" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.22	7.66
23 41 13 00-0197	EA	10" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.53	7.66
23 41 13 00-0198	EA	10" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.53	7.66
23 41 13 00-0199	EA	10" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.53	7.66
23 41 13 00-0200	EA	12" x 12" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.68	8.00
23 41 13 00-0201	EA	12" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.99	8.00
23 41 13 00-0202	EA	12" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.68	8.00
23 41 13 00-0203	EA	12" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	31.68	8.00
23 41 13 00-0204	EA	12" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.99	8.00
23 41 13 00-0205	EA	12" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.99	8.00
23 41 13 00-0206	EA	12" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.30	8.00
23 41 13 00-0207	EA	14" x 14" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.29	8.45
23 41 13 00-0208	EA	14" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.60	8.45
23 41 13 00-0209	EA	14" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.29	8.45
23 41 13 00-0210	EA	14" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.29	8.45
23 41 13 00-0211	EA	14" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.29	8.45
23 41 13 00-0212	EA	14" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.60	8.45
23 41 13 00-0213	EA	15" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.59	8.69
23 41 13 00-0214	EA	15" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.90	8.69
23 41 13 00-0215	EA	15" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.90	8.69
23 41 13 00-0216	EA	16" x 16" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.74	8.81
23 41 13 00-0217	EA	16" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	8.81
23 41 13 00-0218	EA	16" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.74	8.81
23 41 13 00-0219	EA	16" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.74	8.81
23 41 13 00-0220	EA	16" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	32.74	8.81
23 41 13 00-0221	EA	16" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	8.81
23 41 13 00-0222	EA	16" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	34.05	8.81
23 41 13 00-0223	EA	16" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.32	8.81
23 41 13 00-0224	EA	18" x 18" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.20	9.15
23 41 13 00-0225	EA	18" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.82	9.15
23 41 13 00-0226	EA	18" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.20	9.15
23 41 13 00-0227	EA	18" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.82	9.15
23 41 13 00-0228	EA	18" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.82	9.15
23 41 13 00-0229	EA	18" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.78	9.15
23 41 13 00-0230	EA	19" x 27" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.43	9.60
23 41 13 00-0231	EA	20" x 20" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.81	9.60
23 41 13 00-0232	EA	20" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.81	9.60
23 41 13 00-0233	EA	20" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	33.81	9.60
23 41 13 00-0234	EA	20" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.12	9.60
23 41 13 00-0235	EA	20" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.39	9.60
23 41 13 00-0236	EA	20" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	39.39	9.60
23 41 13 00-0237	EA	21" x 21" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	36.59	9.71
23 41 13 00-0238	EA	22" x 22" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	35.43	9.83
23 41 13 00-0239	EA	24" x 24" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.21	9.94
23 41 13 00-0240	EA	24" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.21	9.94
23 41 13 00-0241	EA	24" x 36" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.47	9.94
23 41 13 00-0242	EA	25" x 25" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	38.36	10.06
23 41 13 00-0243	EA	25" x 32" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.62	10.06
23 41 13 00-0244	EA	30" x 30" x 1" Disposable Pleated Electrostatically Charged Air Filter, MERV 13	42.92	10.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 13 00-0245 Carbon Vapor Trap, Disposable V-Bank Filter ^(23 41 13)		
23 41 13 00-0246 EA 24" x 24" x 12" Thick Carbon Vapor, Disposable V-Bank Filter	930.56	22.86
23 41 13 00-0247 Electrostatic Air Filters With Frame, Element And Busbar ^(23 41 13)		
23 41 13 00-0248 MF3 Electrostatic Air Filter, High Efficiency Non-Supported With Frame, Element And Busbar	68.34	
23 41 13 00-0249 MF3 Electrostatic Air Filter, Medium Efficiency Non-Supported With Frame, Element And Busbar	66.00	
23 41 13 00-0250 MF3 Electrostatic Air Filter, Glass/Paper Throwaway With Frame, Element And Busbar	2.85	
23 41 16 Renewable-Media Air Filters ^(23 41)		
23 41 16 00-0001 Renewable-Media Electrostatic Air Filters With Frame, Element And Busbar ^(23 41 16)		
23 41 16 00-0002 MF3 Electrostatic Air Filter, 5' Disposable Roll Renewable With Frame, Element And Busbar	117.60	
23 41 19 Washable Air Filters ^(23 41)		
23 41 19 00-0001 Washable Electrostatic Air Filters With Frame, Element And Busbar ^(23 41 19)		
23 41 19 00-0002 MF3 Electrostatic Air Filter, Permanent, Washable With Frame, Element And Busbar	44.90	
23 41 33 High-Efficiency Particulate Filtration ^(23 41)		
23 41 33 00-0001 High Efficiency Particulate Air (HEPA) Filters ^(23 41 33)		
Note: Includes particle board and kraft paper frame and separator material.		
23 41 33 00-0002 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-95% ^(23 41 33 00-0001)		
23 41 33 00-0003 EA 12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 150 CFM, Complete	131.73	21.33
For >25 To 50, Deduct	-6.59	
For >10 To 25, Deduct	-3.29	
For >100, Deduct	-13.17	
For >50 To 100, Deduct	-9.88	
For Removal And Replacement In Existing Equipment, Add	4.27	
23 41 33 00-0004 EA 24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 375 CFM, Complete	173.07	24.39
For >25 To 50, Deduct	-8.65	
For >10 To 25, Deduct	-4.33	
For >100, Deduct	-17.31	
For >50 To 100, Deduct	-12.98	
For Removal And Replacement In Existing Equipment, Add	4.88	
23 41 33 00-0005 EA 24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 450 CFM, Complete	202.39	28.20
For >25 To 50, Deduct	-10.12	
For >10 To 25, Deduct	-5.06	
For >100, Deduct	-20.24	
For >50 To 100, Deduct	-15.18	
For Removal And Replacement In Existing Equipment, Add	5.64	
23 41 33 00-0006 EA 24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 700 CFM, Complete	231.72	32.01
For >25 To 50, Deduct	-11.59	
For >10 To 25, Deduct	-5.79	
For >100, Deduct	-23.17	
For >50 To 100, Deduct	-17.38	
For Removal And Replacement In Existing Equipment, Add	6.40	
23 41 33 00-0007 EA 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 250 CFM, Complete	158.87	22.86
For >25 To 50, Deduct	-7.94	
For >10 To 25, Deduct	-3.97	
For >100, Deduct	-15.89	
For >50 To 100, Deduct	-11.92	
For Removal And Replacement In Existing Equipment, Add	4.57	
23 41 33 00-0008 EA 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 500 CFM, Complete	211.27	26.67
For >25 To 50, Deduct	-10.56	
For >10 To 25, Deduct	-5.28	
For >100, Deduct	-21.13	
For >50 To 100, Deduct	-15.85	
For Removal And Replacement In Existing Equipment, Add	5.33	
23 41 33 00-0009 EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 875 CFM, Complete	251.80	30.48
For >25 To 50, Deduct	-12.59	
For >10 To 25, Deduct	-6.30	
For >100, Deduct	-25.18	
For >50 To 100, Deduct	-18.89	
For Removal And Replacement In Existing Equipment, Add	6.10	
23 41 33 00-0010 EA 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 95% DOP Efficiency, 1,000 CFM, Complete	299.96	38.10
For >25 To 50, Deduct	-15.00	
For >10 To 25, Deduct	-7.50	
For >100, Deduct	-30.00	
For >50 To 100, Deduct	-22.50	
For Removal And Replacement In Existing Equipment, Add	7.62	
23 41 33 00-0011 High Efficiency Particulate Air (HEPA) Filters DOP Efficiency-99.99% ^(23 41 33 00-0001)		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 41 Particulate Air Filtration**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0012	EA		12" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	113.26	19.05
			<i>For >25 To 50, Deduct</i>	-5.66	
			<i>For >10 To 25, Deduct</i>	-2.83	
			<i>For >100, Deduct</i>	-11.33	
			<i>For >50 To 100, Deduct</i>	-8.49	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.81	
23 41 33 00-0013	EA		24" x 12" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	154.94	22.86
			<i>For >25 To 50, Deduct</i>	-7.75	
			<i>For >10 To 25, Deduct</i>	-3.87	
			<i>For >100, Deduct</i>	-15.49	
			<i>For >50 To 100, Deduct</i>	-11.62	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.57	
23 41 33 00-0014	EA		24" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	232.79	26.67
			<i>For >25 To 50, Deduct</i>	-11.64	
			<i>For >10 To 25, Deduct</i>	-5.82	
			<i>For >100, Deduct</i>	-23.28	
			<i>For >50 To 100, Deduct</i>	-17.46	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	5.33	
23 41 33 00-0015	EA		36" x 24" x 3", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	297.33	30.48
			<i>For >25 To 50, Deduct</i>	-14.87	
			<i>For >10 To 25, Deduct</i>	-7.43	
			<i>For >100, Deduct</i>	-29.73	
			<i>For >50 To 100, Deduct</i>	-22.30	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	6.10	
23 41 33 00-0016	EA		8" x 8" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, Complete	105.57	15.24
			<i>For >25 To 50, Deduct</i>	-5.28	
			<i>For >10 To 25, Deduct</i>	-2.64	
			<i>For >100, Deduct</i>	-10.56	
			<i>For >50 To 100, Deduct</i>	-7.92	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	3.05	
23 41 33 00-0017	EA		12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 150 CFM, Complete	140.10	20.58
			<i>For >25 To 50, Deduct</i>	-7.01	
			<i>For >10 To 25, Deduct</i>	-3.50	
			<i>For >100, Deduct</i>	-14.01	
			<i>For >50 To 100, Deduct</i>	-10.51	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.11	
23 41 33 00-0018	EA		24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 325 CFM, Complete	186.89	24.39
			<i>For >25 To 50, Deduct</i>	-9.34	
			<i>For >10 To 25, Deduct</i>	-4.67	
			<i>For >100, Deduct</i>	-18.69	
			<i>For >50 To 100, Deduct</i>	-14.02	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.88	
23 41 33 00-0019	EA		24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 550 CFM, Complete	219.38	28.58
			<i>For >25 To 50, Deduct</i>	-10.97	
			<i>For >10 To 25, Deduct</i>	-5.48	
			<i>For >100, Deduct</i>	-21.94	
			<i>For >50 To 100, Deduct</i>	-16.45	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	5.72	
23 41 33 00-0020	EA		24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	250.35	32.01
			<i>For >25 To 50, Deduct</i>	-12.52	
			<i>For >10 To 25, Deduct</i>	-6.26	
			<i>For >100, Deduct</i>	-25.04	
			<i>For >50 To 100, Deduct</i>	-18.78	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	6.40	
23 41 33 00-0021	EA		12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 250 CFM, Complete	171.44	22.86
			<i>For >25 To 50, Deduct</i>	-8.57	
			<i>For >10 To 25, Deduct</i>	-4.29	
			<i>For >100, Deduct</i>	-17.14	
			<i>For >50 To 100, Deduct</i>	-12.86	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	4.57	
23 41 33 00-0022	EA		24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 500 CFM, Complete	228.82	26.67
			<i>For >25 To 50, Deduct</i>	-11.44	
			<i>For >10 To 25, Deduct</i>	-5.72	
			<i>For >100, Deduct</i>	-22.88	
			<i>For >50 To 100, Deduct</i>	-17.16	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	5.33	
23 41 33 00-0023	EA		24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 775 CFM, Complete	273.01	30.48
			<i>For >25 To 50, Deduct</i>	-13.65	
			<i>For >10 To 25, Deduct</i>	-6.83	
			<i>For >100, Deduct</i>	-27.30	
			<i>For >50 To 100, Deduct</i>	-20.48	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	6.10	
23 41 33 00-0024	EA		24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter, 99.99% DOP Efficiency, 1,100 CFM, Complete	336.65	38.10
			<i>For >25 To 50, Deduct</i>	-16.83	
			<i>For >10 To 25, Deduct</i>	-8.42	
			<i>For >100, Deduct</i>	-33.67	
			<i>For >50 To 100, Deduct</i>	-25.25	
			<i>For Removal And Replacement In Existing Equipment, Add</i>	7.62	

23 41 33 00-0025 High Efficiency Particulate Air (HEPA) Filter Housings, 14 Gauge Galvanized Sheet Metal (23 41 33)

Note: Nominal sizes.

23 41 33 00-0026	EA		12" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	353.33	113.66
23 41 33 00-0027	EA		24" x 12" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	666.58	225.92
23 41 33 00-0028	EA		24" x 18" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	675.17	225.92
23 41 33 00-0029	EA		24" x 24" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal	680.89	225.92

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 41 33 00-0030 EA 24" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	720.96	225.92
23 41 33 00-0031 EA 24" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	771.05	225.92
23 41 33 00-0032 EA 48" x 48" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,298.81	453.26
23 41 33 00-0033 EA 48" x 72" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,420.46	453.26
23 41 33 00-0034 EA 48" x 96" x 6", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,575.02	453.26
23 41 33 00-0035 EA 12" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	377.66	113.66
23 41 33 00-0036 EA 24" x 12" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	708.08	225.92
23 41 33 00-0037 EA 24" x 18" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	718.10	225.92
23 41 33 00-0038 EA 24" x 24" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	725.25	225.92
23 41 33 00-0039 EA 24" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	772.48	225.92
23 41 33 00-0040 EA 24" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	835.45	225.92
23 41 33 00-0041 EA 48" x 48" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,398.99	453.26
23 41 33 00-0042 EA 48" x 72" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,550.69	453.26
23 41 33 00-0043 EA 48" x 96" x 12", High Efficiency Particulate Air (HEPA) Filter Housings 14 Gauge Galvanized Sheet Metal.....	1,742.46	453.26
23 41 33 00-0044 Filter, Bag Type, 90-95% Efficiency (23 41 33)		
23 41 33 00-0045 EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 90 - 95% Efficiency.....	337.36	147.34
23 41 33 00-0046 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 90 - 95% Efficiency.....	377.41	147.34
23 41 33 00-0047 Filter, Bag Type, 80-85% Efficiency (23 41 33)		
23 41 33 00-0048 EA 0.75 - 1.25 MCFM, 24" x 12" x 29" Filter, Bag Type, 80 - 85% Efficiency.....	332.77	147.34
23 41 33 00-0049 EA 1.5 - 2.5 MCFM, 24" x 24" x 29" Filter, Bag Type, 80 - 85% Efficiency.....	362.31	147.34
23 42 Gas-Phase Air Filtration (23 40)		
23 42 13 Activated-Carbon Air Filtration (23 42)		
23 42 13 00-0001 EA 12" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	47.46	11.43
23 42 13 00-0002 EA 16" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	47.96	11.43
23 42 13 00-0003 EA 16" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	48.26	11.43
23 42 13 00-0004 EA 20" x 20" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	48.26	11.43
23 42 13 00-0005 EA 20" x 25" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	52.02	11.43
23 42 13 00-0006 EA 24" x 24" x 1" Thick Activated Carbon Honeycomb Disposable Filter.....	58.19	11.43
23 42 13 00-0007 EA 12" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	59.49	12.96
23 42 13 00-0008 EA 16" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	59.91	12.96
23 42 13 00-0009 EA 16" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	60.27	12.96
23 42 13 00-0010 EA 20" x 20" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	60.27	12.96
23 42 13 00-0011 EA 20" x 25" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	64.42	12.96
23 42 13 00-0012 EA 24" x 24" x 2" Thick Activated Carbon Honeycomb Disposable Filter.....	75.98	12.96
23 42 13 00-0013 EA 16" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	30.29	11.43
23 42 13 00-0014 EA 16" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	32.07	11.43
23 42 13 00-0015 EA 20" x 20" x 1" Thick Carbon Impregnated Pleated Air Filter.....	32.14	11.43
23 42 13 00-0016 EA 20" x 25" x 1" Thick Carbon Impregnated Pleated Air Filter.....	34.48	11.43
23 42 13 00-0017 EA 24" x 24" x 1" Thick Carbon Impregnated Pleated Air Filter.....	36.55	11.43
23 42 13 00-0018 EA 16" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	34.99	12.96
23 42 13 00-0019 EA 16" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	38.10	12.96
23 42 13 00-0020 EA 20" x 20" x 2" Thick Carbon Impregnated Pleated Air Filter.....	38.76	12.96
23 42 13 00-0021 EA 20" x 25" x 2" Thick Carbon Impregnated Pleated Air Filter.....	42.62	12.96
23 42 13 00-0022 EA 24" x 24" x 2" Thick Carbon Impregnated Pleated Air Filter.....	45.08	12.96
23 42 13 00-0023 EA 24" x 24" x 4" Thick Carbon Impregnated Pleated Air Filter.....	72.03	13.71
23 43 Electronic Air Cleaners (23 40)		
23 43 23 Self-Contained Electronic Air Cleaners (23 43)		
23 43 23 00-0001 Stationary Floor, Room Air Purifier (23 43 23)		
23 43 23 00-0002 EA Stationary Floor Room Air Purifier, Up to 390 SF (Blueair Pro M).....	1,103.36	
23 43 23 00-0003 EA Stationary Floor Room Air Purifier, Up to 780 SF (Blueair Pro L).....	1,536.50	
23 43 23 00-0004 EA Stationary Floor Room Air Purifier, Up to 1,180 SF (Blueair Pro XL).....	3,887.78	
23 43 23 00-0005 EA Stationary Floor Room Air Purifier, Up to 550 SF (Delos Compact).....	869.80	
23 43 23 00-0006 EA Stationary Floor Room Air Purifier, Up to 1,125 SF (Delos 468 Ultrafine).....	1,565.90	
23 43 23 00-0007 EA Stationary Floor Room Air Purifier, Up to 3,500 SF (Delos 980P Commercial).....	6,206.60	
23 43 23 00-0008 Surface Mounted, Room Air Purifier (23 43 23)		
23 43 23 00-0009 EA Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F114A1067).....	2,784.70	
23 43 23 00-0010 EA Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F115A1064).....	3,903.80	
23 43 23 00-0011 EA Ceiling Mount Media Air Cleaner With 99.97% HEPA Filters (Honeywell F111A1063W-3S).....	4,473.91	
23 43 23 00-0012 Suspension Ceiling Mounted, Room Air Purifier (23 43 23)		
23 43 23 00-0013 EA 2' x 4' Suspension Ceiling Mounted, Air Purification System (Armstrong VidaShield UV24).....	3,629.36	
23 43 23 00-0014 Wall Mounted, Room Air Purifier (23 43 23)		
23 43 23 00-0015 EA Air Purifier, Wall Mount, Bipolar Ionizer (Bi-Polar 2400).....	931.31	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 40 HVAC Air Cleaning Devices****23 43 Electronic Air Cleaners**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 43 23 00-0016 Duct Mounted, Ionization System <small>(23 43 23)</small>		
23 43 23 00-0017 EA Up To 10,000 CFM, 120/240 VAC, 50 Watt, 8 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 500FC).....	12,101.89	609.59
23 43 23 00-0018 EA Up To 15,000 CFM, 120/240 VAC, 50 Watt, 5 Tubes, Single Phase, Series 500 Bipolar Ionization System (AtmosAir 508FC).....	16,419.45	761.98

23 50 Central Heating Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 51 Breechings, Chimneys, and Stacks (23 50)**23 51 13 Draft Control Devices** (23 51)**23 51 13 13 Draft-Induction Fans** (23 51 13)

23 51 13 13-0001 Vertical Discharge Fans <small>(23 51 13 13)</small>		
Note: Includes chimney adapter. Excludes wiring.		
23 51 13 13-0002 Axial Vane Vertical Discharge Fans <small>(23 51 13 13-0001)</small>		
23 51 13 13-0003 EA 450 CFM Vertical Discharge Chimney Fan, Axial Vane.....	3,554.04	308.72
23 51 13 13-0004 EA 950 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,024.69	336.79
23 51 13 13-0005 EA 1,400 CFM Vertical Discharge Chimney Fan, Axial Vane.....	4,820.29	371.87
23 51 13 13-0006 EA 1,800 CFM Vertical Discharge Chimney Fan, Axial Vane.....	6,281.35	431.51
23 51 13 13-0007 Centrifugal Impeller Vertical Discharge Fans <small>(23 51 13 13-0001)</small>		
23 51 13 13-0008 EA 700 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	4,260.89	336.79
23 51 13 13-0009 EA 1,100 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	5,183.19	371.87
23 51 13 13-0010 EA 2,300 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	6,714.51	435.02
23 51 13 13-0011 EA 3,000 CFM Vertical Discharge Chimney Fan, Centrifugal Impeller.....	7,942.56	487.64

23 51 13 13-0012 Accessories For Vertical Discharge Fans <small>(23 51 13 13-0001)</small>		
23 51 13 13-0013 EA Modulating Fan Controller And Sensor.....	521.42	105.24

23 51 13 16 Vent Dampers (23 51 13)

23 51 13 16-0001 Flue Shutter Draft Control Damper, Parallel Blade <small>(23 51 13 16)</small>		
23 51 13 16-0002 EA 3" Round Flue Shutter Draft Control Damper.....	1,040.12	62.31
23 51 13 16-0003 EA 4" Round Flue Shutter Draft Control Damper.....	1,139.41	66.10
23 51 13 16-0004 EA 5" Round Flue Shutter Draft Control Damper.....	1,256.63	70.16
23 51 13 16-0005 EA 6" Round Flue Shutter Draft Control Damper.....	1,342.50	74.82
23 51 13 16-0006 EA 7" Round Flue Shutter Draft Control Damper.....	1,465.02	80.16
23 51 13 16-0007 EA 8" Round Flue Shutter Draft Control Damper.....	1,556.85	86.30
23 51 13 16-0008 EA 10" Round Flue Shutter Draft Control Damper.....	1,720.40	93.57
23 51 13 16-0009 EA 12" Round Flue Shutter Draft Control Damper.....	1,888.79	102.04
23 51 13 16-0010 EA 14" Round Flue Shutter Draft Control Damper.....	2,110.97	107.00
23 51 13 16-0011 EA 16" Round Flue Shutter Draft Control Damper.....	2,266.51	112.26
23 51 13 16-0012 EA 18" Round Flue Shutter Draft Control Damper.....	2,474.03	117.88
23 51 13 16-0013 EA 20" Round Flue Shutter Draft Control Damper.....	2,950.81	186.64
23 51 13 16-0014 EA 22" Round Flue Shutter Draft Control Damper.....	3,232.77	198.22
23 51 13 16-0015 EA 24" Round Flue Shutter Draft Control Damper.....	3,500.91	210.50
23 51 13 16-0016 EA 26" Round Flue Shutter Draft Control Damper.....	3,562.27	217.51
23 51 13 16-0017 EA 28" Round Flue Shutter Draft Control Damper.....	3,674.55	224.53
23 51 13 16-0018 EA 30" Round Flue Shutter Draft Control Damper.....	3,781.22	238.56
23 51 13 16-0019 EA 32" Round Flue Shutter Draft Control Damper.....	3,944.15	245.42
23 51 13 16-0020 EA 34" Round Flue Shutter Draft Control Damper.....	4,117.54	259.45
23 51 13 16-0021 EA 36" Round Flue Shutter Draft Control Damper.....	4,319.83	280.66
23 51 13 16-0022 EA 38" Round Flue Shutter Draft Control Damper.....	4,535.99	290.29
23 51 13 16-0023 EA 40" Round Flue Shutter Draft Control Damper.....	4,732.98	294.69
23 51 13 16-0024 EA 42" Round Flue Shutter Draft Control Damper.....	4,965.22	308.72
23 51 13 16-0025 EA 44" Round Flue Shutter Draft Control Damper.....	5,198.75	322.76
23 51 13 16-0026 EA 46" Round Flue Shutter Draft Control Damper.....	5,432.91	336.79
23 51 13 16-0027 EA 48" Round Flue Shutter Draft Control Damper.....	5,666.11	350.82

23 51 13 19 Barometric Dampers (23 51 13)

23 51 13 19-0001 Barometric Dampers <small>(23 51 13 19)</small>		
23 51 13 19-0002 EA 6" x 6" Barometric Damper.....	469.24	12.18
23 51 13 19-0003 EA 12" x 12" Barometric Damper.....	678.10	16.74
23 51 13 19-0004 EA 18" x 18" Barometric Damper.....	911.58	25.87
23 51 13 19-0005 EA 24" x 24" Barometric Damper.....	1,103.62	48.70
23 51 13 19-0006 EA 6" Diameter Barometric Damper.....	234.55	12.18
<i>For Stainless Steel, Add</i>		
	243.52	
23 51 13 19-0007 EA 7" Diameter Barometric Damper.....	277.32	13.69
<i>For Stainless Steel, Add</i>		
	289.30	
23 51 13 19-0008 EA 8" Diameter Barometric Damper.....	321.78	15.21
<i>For Stainless Steel, Add</i>		
	335.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 13 19-0009 EA 9" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	393.87 425.00	15.21
23 51 13 19-0010 EA 10" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	515.63 579.02	18.26
23 51 13 19-0011 EA 12" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	652.70 746.77	19.78
23 51 13 19-0012 EA 14" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	818.22 952.41	21.31
23 51 13 19-0013 EA 15" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	974.99 1,144.72	22.82
23 51 13 19-0014 EA 16" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	1,129.60 1,336.61	25.87
23 51 13 19-0015 EA 18" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	1,483.22 1,785.76	27.39
23 51 13 19-0016 EA 20" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	1,763.32 2,137.50	30.44
23 51 13 19-0017 EA 24" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	2,122.55 2,597.47	30.44
23 51 13 19-0018 EA 30" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	2,613.70 3,219.78	35.00
23 51 13 19-0019 EA 36" Diameter Barometric Damper..... <i>For Stainless Steel, Add</i>	3,328.54 4,139.71	36.52

23 51 16 Fabricated Breechings and Accessories (23 51)

23 51 16 00-0001 Round Galvanized Double Wall Flue/Vent Pipe And Fittings (23 51 16)

23 51 16 00-0002 Round Galvanized Double Wall Flue/Vent Pipe (23 51 16 00-0001)

23 51 16 00-0003 LF 3" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	37.62	12.49
<i>For 2" Wall Instead Of 1", Add</i>	5.06	
<i>For Aluminum Liner, Add</i>	0.36	
<i>For 304 Stainless Steel Liner, Add</i>	0.49	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	9.14	
23 51 16 00-0004 LF 4" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	40.12	13.20
<i>For 2" Wall Instead Of 1", Add</i>	5.60	
<i>For Aluminum Liner, Add</i>	0.44	
<i>For 304 Stainless Steel Liner, Add</i>	0.59	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.01	
23 51 16 00-0005 LF 5" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	44.12	14.03
<i>For 2" Wall Instead Of 1", Add</i>	6.29	
<i>For Aluminum Liner, Add</i>	0.52	
<i>For 304 Stainless Steel Liner, Add</i>	0.71	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	11.17	
23 51 16 00-0006 LF 6" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.012" (inner wall) and 0.018" (outer wall) material thickness	47.92	15.02
<i>For 2" Wall Instead Of 1", Add</i>	6.98	
<i>For Aluminum Liner, Add</i>	0.60	
<i>For 304 Stainless Steel Liner, Add</i>	0.82	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	12.31	
23 51 16 00-0007 LF 7" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	55.32	16.00
<i>For 2" Wall Instead Of 1", Add</i>	8.75	
<i>For Aluminum Liner, Add</i>	0.88	
<i>For 304 Stainless Steel Liner, Add</i>	1.21	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	15.09	
23 51 16 00-0008 LF 8" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	61.48	17.26
<i>For 2" Wall Instead Of 1", Add</i>	9.73	
<i>For Aluminum Liner, Add</i>	0.99	
<i>For 304 Stainless Steel Liner, Add</i>	1.34	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	16.77	
23 51 16 00-0009 LF 10" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	84.93	18.53
<i>For 2" Wall Instead Of 1", Add</i>	16.06	
<i>For Aluminum Liner, Add</i>	2.08	
<i>For 304 Stainless Steel Liner, Add</i>	2.84	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	26.44	
23 51 16 00-0010 LF 12" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	101.83	20.49
<i>For 2" Wall Instead Of 1", Add</i>	20.33	
<i>For Aluminum Liner, Add</i>	2.79	
<i>For 304 Stainless Steel Liner, Add</i>	3.81	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	33.05	
23 51 16 00-0011 LF 14" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	138.69	21.33
<i>For 2" Wall Instead Of 1", Add</i>	30.91	
<i>For Aluminum Liner, Add</i>	4.69	
<i>For 304 Stainless Steel Liner, Add</i>	6.39	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	49.04	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51	16 00-0012	LF	16" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	170.78	22.45
			<i>For 2" Wall Instead Of 1", Add</i>	40.06	
			<i>For Aluminum Liner, Add</i>	6.32	
			<i>For 304 Stainless Steel Liner, Add</i>	8.62	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	62.88	
23 51	16 00-0013	LF	18" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.014" (inner wall) and 0.018" (outer wall) material thickness	207.97	23.58
			<i>For 2" Wall Instead Of 1", Add</i>	50.48	
			<i>For Aluminum Liner, Add</i>	8.16	
			<i>For 304 Stainless Steel Liner, Add</i>	11.13	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	78.70	
23 51	16 00-0014	LF	20" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	268.62	37.46
			<i>For 2" Wall Instead Of 1", Add</i>	62.10	
			<i>For Aluminum Liner, Add</i>	9.69	
			<i>For 304 Stainless Steel Liner, Add</i>	13.21	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	97.77	
23 51	16 00-0015	LF	22" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	322.01	39.58
			<i>For 2" Wall Instead Of 1", Add</i>	76.63	
			<i>For Aluminum Liner, Add</i>	12.22	
			<i>For 304 Stainless Steel Liner, Add</i>	16.66	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	119.94	
23 51	16 00-0016	LF	24" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	379.95	42.10
			<i>For 2" Wall Instead Of 1", Add</i>	92.77	
			<i>For Aluminum Liner, Add</i>	15.06	
			<i>For 304 Stainless Steel Liner, Add</i>	20.54	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	144.45	
23 51	16 00-0017	LF	26" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	438.00	43.50
			<i>For 2" Wall Instead Of 1", Add</i>	109.68	
			<i>For Aluminum Liner, Add</i>	18.12	
			<i>For 304 Stainless Steel Liner, Add</i>	24.70	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	169.95	
23 51	16 00-0018	LF	28" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	458.84	44.91
			<i>For 2" Wall Instead Of 1", Add</i>	115.21	
			<i>For Aluminum Liner, Add</i>	19.06	
			<i>For 304 Stainless Steel Liner, Add</i>	26.00	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	178.42	
23 51	16 00-0019	LF	30" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	487.84	48.14
			<i>For 2" Wall Instead Of 1", Add</i>	122.32	
			<i>For Aluminum Liner, Add</i>	20.22	
			<i>For 304 Stainless Steel Liner, Add</i>	27.58	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	189.49	
23 51	16 00-0020	LF	32" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	549.76	49.96
			<i>For 2" Wall Instead Of 1", Add</i>	140.00	
			<i>For Aluminum Liner, Add</i>	23.38	
			<i>For 304 Stainless Steel Liner, Add</i>	31.89	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	216.24	
23 51	16 00-0021	LF	34" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	613.92	51.78
			<i>For 2" Wall Instead Of 1", Add</i>	158.29	
			<i>For Aluminum Liner, Add</i>	26.65	
			<i>For 304 Stainless Steel Liner, Add</i>	36.34	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	243.91	
23 51	16 00-0022	LF	36" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	645.89	53.89
			<i>For 2" Wall Instead Of 1", Add</i>	166.85	
			<i>For Aluminum Liner, Add</i>	28.12	
			<i>For 304 Stainless Steel Liner, Add</i>	38.35	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	257.01	
23 51	16 00-0023	LF	38" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	699.35	56.13
			<i>For 2" Wall Instead Of 1", Add</i>	181.77	
			<i>For Aluminum Liner, Add</i>	30.76	
			<i>For 304 Stainless Steel Liner, Add</i>	41.94	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	279.67	
23 51	16 00-0024	LF	40" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	768.75	58.52
			<i>For 2" Wall Instead Of 1", Add</i>	201.35	
			<i>For Aluminum Liner, Add</i>	34.23	
			<i>For 304 Stainless Steel Liner, Add</i>	46.68	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	309.35	
23 51	16 00-0025	LF	42" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	804.25	61.18
			<i>For 2" Wall Instead Of 1", Add</i>	210.65	
			<i>For Aluminum Liner, Add</i>	35.81	
			<i>For 304 Stainless Steel Liner, Add</i>	48.83	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	323.63	
23 51	16 00-0026	LF	44" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	888.13	64.13
			<i>For 2" Wall Instead Of 1", Add</i>	234.36	
			<i>For Aluminum Liner, Add</i>	40.02	
			<i>For 304 Stainless Steel Liner, Add</i>	54.58	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	359.56	
23 51	16 00-0027	LF	46" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe..... Note: 0.022" (inner wall) and 0.018" (outer wall) material thickness	963.17	67.36
			<i>For 2" Wall Instead Of 1", Add</i>	255.27	
			<i>For Aluminum Liner, Add</i>	43.71	
			<i>For 304 Stainless Steel Liner, Add</i>	59.61	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	391.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0028 LF 48" Round Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe.....	1,057.83	70.87
<i>For 2" Wall Instead Of 1", Add</i>	281.97	
<i>For Aluminum Liner, Add</i>	48.45	
<i>For 304 Stainless Steel Liner, Add</i>	66.07	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	431.80	
23 51 16 00-0029 90 Degree Elbows (23 51 16 00-0001)		
23 51 16 00-0030 EA 3" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	91.54	24.98
<i>For 2" Wall Instead Of 1", Add</i>	15.09	
<i>For Aluminum Liner, Add</i>	1.63	
<i>For 304 Stainless Steel Liner, Add</i>	2.23	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	25.73	
23 51 16 00-0031 EA 4" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	100.82	26.38
<i>For 2" Wall Instead Of 1", Add</i>	17.09	
<i>For Aluminum Liner, Add</i>	1.93	
<i>For 304 Stainless Steel Liner, Add</i>	2.63	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	28.92	
23 51 16 00-0032 EA 5" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	111.65	28.06
<i>For 2" Wall Instead Of 1", Add</i>	19.53	
<i>For Aluminum Liner, Add</i>	2.30	
<i>For 304 Stainless Steel Liner, Add</i>	3.14	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	32.78	
23 51 16 00-0033 EA 6" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	122.83	29.89
<i>For 2" Wall Instead Of 1", Add</i>	22.00	
<i>For Aluminum Liner, Add</i>	2.67	
<i>For 304 Stainless Steel Liner, Add</i>	3.64	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	36.71	
23 51 16 00-0034 EA 7" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	144.53	31.99
<i>For 2" Wall Instead Of 1", Add</i>	27.45	
<i>For Aluminum Liner, Add</i>	3.57	
<i>For 304 Stainless Steel Liner, Add</i>	4.87	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	45.15	
23 51 16 00-0035 EA 8" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	167.69	34.52
<i>For 2" Wall Instead Of 1", Add</i>	33.05	
<i>For Aluminum Liner, Add</i>	4.48	
<i>For 304 Stainless Steel Liner, Add</i>	6.10	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	53.89	
23 51 16 00-0036 EA 10" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	281.03	37.46
<i>For 2" Wall Instead Of 1", Add</i>	65.54	
<i>For Aluminum Liner, Add</i>	10.30	
<i>For 304 Stainless Steel Liner, Add</i>	14.04	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	103.01	
23 51 16 00-0037 EA 12" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	338.04	40.83
<i>For 2" Wall Instead Of 1", Add</i>	81.01	
<i>For Aluminum Liner, Add</i>	12.98	
<i>For 304 Stainless Steel Liner, Add</i>	17.70	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	126.62	
23 51 16 00-0038 EA 14" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	433.29	42.81
<i>For 2" Wall Instead Of 1", Add</i>	108.60	
<i>For Aluminum Liner, Add</i>	17.95	
<i>For 304 Stainless Steel Liner, Add</i>	24.48	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	168.25	
23 51 16 00-0039 EA 16" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	528.76	44.91
<i>For 2" Wall Instead Of 1", Add</i>	136.22	
<i>For Aluminum Liner, Add</i>	22.92	
<i>For 304 Stainless Steel Liner, Add</i>	31.25	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	209.93	
23 51 16 00-0040 EA 18" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	678.24	47.29
<i>For 2" Wall Instead Of 1", Add</i>	179.82	
<i>For Aluminum Liner, Add</i>	30.80	
<i>For 304 Stainless Steel Liner, Add</i>	42.00	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	275.64	
23 51 16 00-0041 EA 20" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	960.40	74.80
<i>For 2" Wall Instead Of 1", Add</i>	250.68	
<i>For Aluminum Liner, Add</i>	42.53	
<i>For 304 Stainless Steel Liner, Add</i>	57.99	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	385.38	
23 51 16 00-0042 EA 22" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,256.27	79.28
<i>For 2" Wall Instead Of 1", Add</i>	337.24	
<i>For Aluminum Liner, Add</i>	58.19	
<i>For 304 Stainless Steel Liner, Add</i>	79.35	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	515.77	
23 51 16 00-0043 EA 24" Round Flue/Vent, 90 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	1,415.28	84.19
<i>For 2" Wall Instead Of 1", Add</i>	382.44	
<i>For Aluminum Liner, Add</i>	66.25	
<i>For 304 Stainless Steel Liner, Add</i>	90.34	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	584.20	
23 51 16 00-0044 45 Degree Elbows (23 51 16 00-0001)		
23 51 16 00-0045 EA 3" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	79.39	24.98
<i>For 2" Wall Instead Of 1", Add</i>	11.36	
<i>For Aluminum Liner, Add</i>	0.94	
<i>For 304 Stainless Steel Liner, Add</i>	1.28	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	20.15	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51	16 00-0046	EA	4" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	86.23	26.38
			For 2" Wall Instead Of 1", Add	12.65	
			For Aluminum Liner, Add	1.11	
			For 304 Stainless Steel Liner, Add	1.51	
			For 3" To 4" Wall Instead Of 1", Add	22.28	
23 51	16 00-0047	EA	5" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	93.88	28.06
			For 2" Wall Instead Of 1", Add	14.13	
			For Aluminum Liner, Add	1.30	
			For 304 Stainless Steel Liner, Add	1.78	
			For 3" To 4" Wall Instead Of 1", Add	24.70	
23 51	16 00-0048	EA	6" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	103.20	29.89
			For 2" Wall Instead Of 1", Add	16.00	
			For Aluminum Liner, Add	1.56	
			For 304 Stainless Steel Liner, Add	2.13	
			For 3" To 4" Wall Instead Of 1", Add	27.74	
23 51	16 00-0049	EA	7" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	120.84	31.99
			For 2" Wall Instead Of 1", Add	20.22	
			For Aluminum Liner, Add	2.24	
			For 304 Stainless Steel Liner, Add	3.05	
			For 3" To 4" Wall Instead Of 1", Add	34.34	
23 51	16 00-0050	EA	8" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	133.10	34.52
			For 2" Wall Instead Of 1", Add	22.67	
			For Aluminum Liner, Add	2.57	
			For 304 Stainless Steel Liner, Add	3.51	
			For 3" To 4" Wall Instead Of 1", Add	38.32	
23 51	16 00-0051	EA	10" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	210.58	37.46
			For 2" Wall Instead Of 1", Add	44.46	
			For Aluminum Liner, Add	6.44	
			For 304 Stainless Steel Liner, Add	8.78	
			For 3" To 4" Wall Instead Of 1", Add	71.37	
23 51	16 00-0052	EA	12" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	249.56	40.83
			For 2" Wall Instead Of 1", Add	54.46	
			For Aluminum Liner, Add	8.11	
			For 304 Stainless Steel Liner, Add	11.06	
			For 3" To 4" Wall Instead Of 1", Add	86.79	
23 51	16 00-0053	EA	14" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	314.49	42.81
			For 2" Wall Instead Of 1", Add	72.96	
			For Aluminum Liner, Add	11.41	
			For 304 Stainless Steel Liner, Add	15.57	
			For 3" To 4" Wall Instead Of 1", Add	114.78	
23 51	16 00-0054	EA	16" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	372.67	44.91
			For 2" Wall Instead Of 1", Add	89.36	
			For Aluminum Liner, Add	14.32	
			For 304 Stainless Steel Liner, Add	19.53	
			For 3" To 4" Wall Instead Of 1", Add	139.65	
23 51	16 00-0055	EA	18" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	468.14	47.29
			For 2" Wall Instead Of 1", Add	116.81	
			For Aluminum Liner, Add	19.25	
			For 304 Stainless Steel Liner, Add	26.25	
			For 3" To 4" Wall Instead Of 1", Add	181.12	
23 51	16 00-0056	EA	20" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	581.35	74.66
			For 2" Wall Instead Of 1", Add	137.08	
			For Aluminum Liner, Add	21.71	
			For 304 Stainless Steel Liner, Add	29.61	
			For 3" To 4" Wall Instead Of 1", Add	214.96	
23 51	16 00-0057	EA	22" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	792.35	79.28
			For 2" Wall Instead Of 1", Add	198.06	
			For Aluminum Liner, Add	32.68	
			For 304 Stainless Steel Liner, Add	44.56	
			For 3" To 4" Wall Instead Of 1", Add	307.01	
23 51	16 00-0058	EA	24" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	963.21	84.19
			For 2" Wall Instead Of 1", Add	246.89	
			For Aluminum Liner, Add	41.41	
			For 304 Stainless Steel Liner, Add	56.46	
			For 3" To 4" Wall Instead Of 1", Add	380.85	
23 51	16 00-0059	EA	26" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,702.74	87.01
			For 2" Wall Instead Of 1", Add	467.35	
			For Aluminum Liner, Add	81.69	
			For 304 Stainless Steel Liner, Add	111.40	
			For 3" To 4" Wall Instead Of 1", Add	711.89	
23 51	16 00-0060	EA	28" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,750.44	89.81
			For 2" Wall Instead Of 1", Add	480.25	
			For Aluminum Liner, Add	83.93	
			For 304 Stainless Steel Liner, Add	114.45	
			For 3" To 4" Wall Instead Of 1", Add	731.60	
23 51	16 00-0061	EA	30" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	1,845.85	95.43
			For 2" Wall Instead Of 1", Add	506.07	
			For Aluminum Liner, Add	88.41	
			For 304 Stainless Steel Liner, Add	120.56	
			For 3" To 4" Wall Instead Of 1", Add	771.03	
23 51	16 00-0062	EA	32" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe.....	2,056.34	98.23
			For 2" Wall Instead Of 1", Add	567.82	
			For Aluminum Liner, Add	99.60	
			For 304 Stainless Steel Liner, Add	135.82	
			For 3" To 4" Wall Instead Of 1", Add	864.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0063 EA 34" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,243.32	103.84
<i>For 2" Wall Instead Of 1", Add</i>	621.11	
<i>For Aluminum Liner, Add</i>	109.11	
<i>For 304 Stainless Steel Liner, Add</i>	148.79	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	944.63	
23 51 16 00-0064 EA 36" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,315.22	112.26
<i>For 2" Wall Instead Of 1", Add</i>	638.47	
<i>For Aluminum Liner, Add</i>	111.91	
<i>For 304 Stainless Steel Liner, Add</i>	152.61	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	971.73	
23 51 16 00-0065 EA 38" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,477.63	116.20
<i>For 2" Wall Instead Of 1", Add</i>	685.23	
<i>For Aluminum Liner, Add</i>	120.30	
<i>For 304 Stainless Steel Liner, Add</i>	164.05	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,042.36	
23 51 16 00-0066 EA 40" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,634.46	117.88
<i>For 2" Wall Instead Of 1", Add</i>	731.44	
<i>For Aluminum Liner, Add</i>	128.70	
<i>For 304 Stainless Steel Liner, Add</i>	175.50	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,111.88	
23 51 16 00-0067 EA 42" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,750.22	123.49
<i>For 2" Wall Instead Of 1", Add</i>	763.36	
<i>For Aluminum Liner, Add</i>	134.29	
<i>For 304 Stainless Steel Liner, Add</i>	183.13	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,160.47	
23 51 16 00-0068 EA 44" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	2,916.83	129.10
<i>For 2" Wall Instead Of 1", Add</i>	810.54	
<i>For Aluminum Liner, Add</i>	142.69	
<i>For 304 Stainless Steel Liner, Add</i>	194.57	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,231.94	
23 51 16 00-0069 EA 46" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,134.32	134.71
<i>For 2" Wall Instead Of 1", Add</i>	872.99	
<i>For Aluminum Liner, Add</i>	153.88	
<i>For 304 Stainless Steel Liner, Add</i>	209.83	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,326.31	
23 51 16 00-0070 EA 48" Round Flue/Vent, 45 Degree Elbow, Galvanized Double Wall Breech/Smoke Pipe	3,250.08	140.32
<i>For 2" Wall Instead Of 1", Add</i>	904.91	
<i>For Aluminum Liner, Add</i>	159.47	
<i>For 304 Stainless Steel Liner, Add</i>	217.46	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,374.89	
23 51 16 00-0071 Tees <small>(23 51 16 00-0001)</small>		
23 51 16 00-0072 EA 3" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	124.98	33.26
<i>For 2" Wall Instead Of 1", Add</i>	20.84	
<i>For Aluminum Liner, Add</i>	2.29	
<i>For 304 Stainless Steel Liner, Add</i>	3.13	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	35.42	
23 51 16 00-0073 EA 4" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	130.05	34.52
<i>For 2" Wall Instead Of 1", Add</i>	21.76	
<i>For Aluminum Liner, Add</i>	2.41	
<i>For 304 Stainless Steel Liner, Add</i>	3.28	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	36.95	
23 51 16 00-0074 EA 5" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	135.59	35.93
<i>For 2" Wall Instead Of 1", Add</i>	22.72	
<i>For Aluminum Liner, Add</i>	2.52	
<i>For 304 Stainless Steel Liner, Add</i>	3.43	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	38.56	
23 51 16 00-0075 EA 6" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	144.48	37.46
<i>For 2" Wall Instead Of 1", Add</i>	24.62	
<i>For Aluminum Liner, Add</i>	2.80	
<i>For 304 Stainless Steel Liner, Add</i>	3.82	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	41.61	
23 51 16 00-0076 EA 7" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	167.87	39.01
<i>For 2" Wall Instead Of 1", Add</i>	30.83	
<i>For Aluminum Liner, Add</i>	3.86	
<i>For 304 Stainless Steel Liner, Add</i>	5.27	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	51.12	
23 51 16 00-0077 EA 8" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	179.33	40.83
<i>For 2" Wall Instead Of 1", Add</i>	33.40	
<i>For Aluminum Liner, Add</i>	4.25	
<i>For 304 Stainless Steel Liner, Add</i>	5.80	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	55.20	
23 51 16 00-0078 EA 10" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	316.50	42.81
<i>For 2" Wall Instead Of 1", Add</i>	73.57	
<i>For Aluminum Liner, Add</i>	11.53	
<i>For 304 Stainless Steel Liner, Add</i>	15.72	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	115.70	
23 51 16 00-0079 EA 12" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	364.53	44.91
<i>For 2" Wall Instead Of 1", Add</i>	86.92	
<i>For Aluminum Liner, Add</i>	13.88	
<i>For 304 Stainless Steel Liner, Add</i>	18.92	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	135.98	
23 51 16 00-0080 EA 14" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe	535.73	49.96
<i>For 2" Wall Instead Of 1", Add</i>	135.78	
<i>For Aluminum Liner, Add</i>	22.61	
<i>For 304 Stainless Steel Liner, Add</i>	30.83	
<i>For 3" To 4" Wall Instead Of 1", Add</i>	209.90	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51	16 00-0081	EA	16" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	722.21	56.13
			<i>For 2" Wall Instead Of 1", Add</i>	188.61	
			<i>For Aluminum Liner, Add</i>	32.01	
			<i>For 304 Stainless Steel Liner, Add</i>	43.65	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	289.93	
23 51	16 00-0082	EA	18" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	892.85	64.13
			<i>For 2" Wall Instead Of 1", Add</i>	235.79	
			<i>For Aluminum Liner, Add</i>	40.29	
			<i>For 304 Stainless Steel Liner, Add</i>	54.94	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	361.70	
23 51	16 00-0083	EA	20" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,184.83	79.28
			<i>For 2" Wall Instead Of 1", Add</i>	315.85	
			<i>For Aluminum Liner, Add</i>	54.28	
			<i>For 304 Stainless Steel Liner, Add</i>	74.01	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	483.68	
23 51	16 00-0084	EA	22" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,489.93	103.56
			<i>For 2" Wall Instead Of 1", Add</i>	395.20	
			<i>For Aluminum Liner, Add</i>	67.71	
			<i>For 304 Stainless Steel Liner, Add</i>	92.33	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	605.74	
23 51	16 00-0085	EA	24" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	1,708.14	109.46
			<i>For 2" Wall Instead Of 1", Add</i>	457.71	
			<i>For Aluminum Liner, Add</i>	78.90	
			<i>For 304 Stainless Steel Liner, Add</i>	107.59	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	700.25	
23 51	16 00-0086	EA	26" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,329.55	117.88
			<i>For 2" Wall Instead Of 1", Add</i>	639.90	
			<i>For Aluminum Liner, Add</i>	111.91	
			<i>For 304 Stainless Steel Liner, Add</i>	152.61	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	974.60	
23 51	16 00-0087	EA	28" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,595.20	122.50
			<i>For 2" Wall Instead Of 1", Add</i>	717.34	
			<i>For Aluminum Liner, Add</i>	125.90	
			<i>For 304 Stainless Steel Liner, Add</i>	171.68	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,091.31	
23 51	16 00-0088	EA	30" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	2,815.30	129.10
			<i>For 2" Wall Instead Of 1", Add</i>	780.04	
			<i>For Aluminum Liner, Add</i>	137.09	
			<i>For 304 Stainless Steel Liner, Add</i>	186.94	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,186.20	
23 51	16 00-0089	EA	32" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,236.18	134.71
			<i>For 2" Wall Instead Of 1", Add</i>	903.52	
			<i>For Aluminum Liner, Add</i>	159.47	
			<i>For 304 Stainless Steel Liner, Add</i>	217.46	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,372.11	
23 51	16 00-0090	EA	34" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,301.19	140.32
			<i>For 2" Wall Instead Of 1", Add</i>	920.19	
			<i>For Aluminum Liner, Add</i>	162.27	
			<i>For 304 Stainless Steel Liner, Add</i>	221.28	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,397.83	
23 51	16 00-0091	EA	36" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,833.46	149.73
			<i>For 2" Wall Instead Of 1", Add</i>	1,075.16	
			<i>For Aluminum Liner, Add</i>	190.25	
			<i>For 304 Stainless Steel Liner, Add</i>	259.43	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,631.46	
23 51	16 00-0092	EA	38" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	3,931.07	168.39
			<i>For 2" Wall Instead Of 1", Add</i>	1,095.09	
			<i>For Aluminum Liner, Add</i>	193.05	
			<i>For 304 Stainless Steel Liner, Add</i>	263.24	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,663.69	
23 51	16 00-0093	EA	40" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,296.38	192.53
			<i>For 2" Wall Instead Of 1", Add</i>	1,192.67	
			<i>For Aluminum Liner, Add</i>	209.83	
			<i>For 304 Stainless Steel Liner, Add</i>	286.14	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,813.06	
23 51	16 00-0094	EA	42" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	4,732.54	224.53
			<i>For 2" Wall Instead Of 1", Add</i>	1,307.50	
			<i>For Aluminum Liner, Add</i>	229.42	
			<i>For 304 Stainless Steel Liner, Add</i>	312.84	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	1,989.31	
23 51	16 00-0095	EA	44" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,158.26	252.59
			<i>For 2" Wall Instead Of 1", Add</i>	1,421.28	
			<i>For Aluminum Liner, Add</i>	249.00	
			<i>For 304 Stainless Steel Liner, Add</i>	339.55	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	2,163.47	
23 51	16 00-0096	EA	46" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,637.20	261.02
			<i>For 2" Wall Instead Of 1", Add</i>	1,560.74	
			<i>For Aluminum Liner, Add</i>	274.18	
			<i>For 304 Stainless Steel Liner, Add</i>	373.88	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	2,373.72	
23 51	16 00-0097	EA	48" Round Flue/Vent, Tee, Galvanized Double Wall Breech/Smoke Pipe.....	5,963.68	269.43
			<i>For 2" Wall Instead Of 1", Add</i>	1,654.43	
			<i>For Aluminum Liner, Add</i>	290.97	
			<i>For 304 Stainless Steel Liner, Add</i>	396.77	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	2,515.32	

23 51 16 00-0098 Vent Top Caps (23 51 16 00-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0099 EA 3" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	64.58	19.50
For 2" Wall Instead Of 1", Add	9.61	
For Aluminum Liner, Add	0.87	
For 304 Stainless Steel Liner, Add	1.18	
For 3" To 4" Wall Instead Of 1", Add	16.86	
23 51 16 00-0100 EA 4" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	67.65	20.49
For 2" Wall Instead Of 1", Add	10.08	
For Aluminum Liner, Add	0.91	
For 304 Stainless Steel Liner, Add	1.24	
For 3" To 4" Wall Instead Of 1", Add	17.68	
23 51 16 00-0101 EA 6" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	84.92	22.45
For 2" Wall Instead Of 1", Add	14.25	
For Aluminum Liner, Add	1.58	
For 304 Stainless Steel Liner, Add	2.16	
For 3" To 4" Wall Instead Of 1", Add	24.18	
23 51 16 00-0102 EA 8" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	91.09	24.98
For 2" Wall Instead Of 1", Add	14.87	
For Aluminum Liner, Add	1.58	
For 304 Stainless Steel Liner, Add	2.16	
For 3" To 4" Wall Instead Of 1", Add	25.42	
23 51 16 00-0103 EA 10" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	108.38	26.38
For 2" Wall Instead Of 1", Add	19.32	
For Aluminum Liner, Add	2.33	
For 304 Stainless Steel Liner, Add	3.18	
For 3" To 4" Wall Instead Of 1", Add	32.28	
23 51 16 00-0104 EA 12" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	126.12	28.06
For 2" Wall Instead Of 1", Add	23.80	
For Aluminum Liner, Add	3.08	
For 304 Stainless Steel Liner, Add	4.20	
For 3" To 4" Wall Instead Of 1", Add	39.21	
23 51 16 00-0105 EA 16" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	276.48	31.99
For 2" Wall Instead Of 1", Add	66.92	
For Aluminum Liner, Add	10.80	
For 304 Stainless Steel Liner, Add	14.73	
For 3" To 4" Wall Instead Of 1", Add	104.38	
23 51 16 00-0106 EA 18" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	503.08	40.13
For 2" Wall Instead Of 1", Add	130.88	
For Aluminum Liner, Add	22.16	
For 304 Stainless Steel Liner, Add	30.22	
For 3" To 4" Wall Instead Of 1", Add	201.34	
23 51 16 00-0107 EA 20" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	913.82	48.14
For 2" Wall Instead Of 1", Add	250.09	
For Aluminum Liner, Add	43.65	
For 304 Stainless Steel Liner, Add	59.52	
For 3" To 4" Wall Instead Of 1", Add	381.15	
23 51 16 00-0108 EA 24" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	1,511.35	67.36
For 2" Wall Instead Of 1", Add	419.72	
For Aluminum Liner, Add	73.86	
For 304 Stainless Steel Liner, Add	100.72	
For 3" To 4" Wall Instead Of 1", Add	638.00	
23 51 16 00-0109 EA 26" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,211.92	70.87
For 2" Wall Instead Of 1", Add	628.14	
For Aluminum Liner, Add	111.91	
For 304 Stainless Steel Liner, Add	152.61	
For 3" To 4" Wall Instead Of 1", Add	951.07	
23 51 16 00-0110 EA 28" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,476.18	74.80
For 2" Wall Instead Of 1", Add	705.43	
For Aluminum Liner, Add	125.90	
For 304 Stainless Steel Liner, Add	171.68	
For 3" To 4" Wall Instead Of 1", Add	1,067.51	
23 51 16 00-0111 EA 30" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,792.50	79.28
For 2" Wall Instead Of 1", Add	798.11	
For Aluminum Liner, Add	142.69	
For 304 Stainless Steel Liner, Add	194.57	
For 3" To 4" Wall Instead Of 1", Add	1,207.07	
23 51 16 00-0112 EA 32" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	2,957.48	84.19
For 2" Wall Instead Of 1", Add	845.13	
For Aluminum Liner, Add	151.08	
For 304 Stainless Steel Liner, Add	206.02	
For 3" To 4" Wall Instead Of 1", Add	1,278.22	
23 51 16 00-0113 EA 34" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,124.10	89.81
For 2" Wall Instead Of 1", Add	892.31	
For Aluminum Liner, Add	159.47	
For 304 Stainless Steel Liner, Add	217.46	
For 3" To 4" Wall Instead Of 1", Add	1,349.70	
23 51 16 00-0114 EA 36" Round Flue/Vent Top Caps, Galvanized Double Wall Breech/Smoke Pipe	3,343.44	96.26
For 2" Wall Instead Of 1", Add	954.94	
For Aluminum Liner, Add	170.66	
For 304 Stainless Steel Liner, Add	232.72	
For 3" To 4" Wall Instead Of 1", Add	1,444.43	

23 51 16 00-0115 Wall Thimbles (23 51 16 00-0001)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0116	EA		3" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	28.04	10.52
			<i>For 2" Wall Instead Of 1", Add</i>	3.17	
			<i>For Aluminum Liner, Add</i>	0.10	
			<i>For 304 Stainless Steel Liner, Add</i>	0.14	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	6.06	
23 51 16 00-0117	EA		4" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	35.67	13.47
			<i>For 2" Wall Instead Of 1", Add</i>	3.94	
			<i>For Aluminum Liner, Add</i>	0.10	
			<i>For 304 Stainless Steel Liner, Add</i>	0.14	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	7.60	
23 51 16 00-0118	EA		5" Or 6" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	47.55	18.10
			<i>For 2" Wall Instead Of 1", Add</i>	5.21	
			<i>For Aluminum Liner, Add</i>	0.13	
			<i>For 304 Stainless Steel Liner, Add</i>	0.17	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.08	
23 51 16 00-0119	EA		7" Or 8" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	59.37	22.45
			<i>For 2" Wall Instead Of 1", Add</i>	6.59	
			<i>For Aluminum Liner, Add</i>	0.18	
			<i>For 304 Stainless Steel Liner, Add</i>	0.24	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	12.68	
23 51 16 00-0120	EA		10" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	84.11	30.31
			<i>For 2" Wall Instead Of 1", Add</i>	10.08	
			<i>For Aluminum Liner, Add</i>	0.46	
			<i>For 304 Stainless Steel Liner, Add</i>	0.63	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	18.91	
23 51 16 00-0121	EA		12" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe.....	105.82	37.61
			<i>For 2" Wall Instead Of 1", Add</i>	12.94	
			<i>For Aluminum Liner, Add</i>	0.65	
			<i>For 304 Stainless Steel Liner, Add</i>	0.89	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	24.11	
23 51 16 00-0122	EA		14" Or 16" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	132.26	44.91
			<i>For 2" Wall Instead Of 1", Add</i>	17.23	
			<i>For Aluminum Liner, Add</i>	1.10	
			<i>For 304 Stainless Steel Liner, Add</i>	1.50	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	31.45	
23 51 16 00-0123	EA		18" Or 20" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	169.11	53.33
			<i>For 2" Wall Instead Of 1", Add</i>	24.07	
			<i>For Aluminum Liner, Add</i>	1.97	
			<i>For 304 Stainless Steel Liner, Add</i>	2.69	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	42.77	
23 51 16 00-0124	EA		22" Or 24" Round Flue/Vent Wall Thimbles, Galvanized Double Wall Breech/Smoke Pipe	219.33	58.94
			<i>For 2" Wall Instead Of 1", Add</i>	36.33	
			<i>For Aluminum Liner, Add</i>	3.96	
			<i>For 304 Stainless Steel Liner, Add</i>	5.40	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	61.86	
23 51 16 00-0125			Adjustable Roof Flashing (23 51 16 00-0001)		
23 51 16 00-0126	EA		3" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	74.02	24.98
			<i>For 2" Wall Instead Of 1", Add</i>	9.74	
			<i>For Aluminum Liner, Add</i>	0.64	
			<i>For 304 Stainless Steel Liner, Add</i>	0.88	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	17.73	
23 51 16 00-0127	EA		4" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	81.14	26.38
			<i>For 2" Wall Instead Of 1", Add</i>	11.13	
			<i>For Aluminum Liner, Add</i>	0.83	
			<i>For 304 Stainless Steel Liner, Add</i>	1.13	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	19.99	
23 51 16 00-0128	EA		6" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	100.02	29.89
			<i>For 2" Wall Instead Of 1", Add</i>	15.05	
			<i>For Aluminum Liner, Add</i>	1.39	
			<i>For 304 Stainless Steel Liner, Add</i>	1.89	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	26.31	
23 51 16 00-0129	EA		8" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	120.79	34.52
			<i>For 2" Wall Instead Of 1", Add</i>	18.98	
			<i>For Aluminum Liner, Add</i>	1.90	
			<i>For 304 Stainless Steel Liner, Add</i>	2.59	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	32.78	
23 51 16 00-0130	EA		10" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	188.23	37.46
			<i>For 2" Wall Instead Of 1", Add</i>	37.75	
			<i>For Aluminum Liner, Add</i>	5.20	
			<i>For 304 Stainless Steel Liner, Add</i>	7.10	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	61.30	
23 51 16 00-0131	EA		12" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	222.06	40.83
			<i>For 2" Wall Instead Of 1", Add</i>	46.22	
			<i>For Aluminum Liner, Add</i>	6.60	
			<i>For 304 Stainless Steel Liner, Add</i>	9.00	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	74.42	
23 51 16 00-0132	EA		14" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe	259.78	44.91
			<i>For 2" Wall Instead Of 1", Add</i>	55.48	
			<i>For Aluminum Liner, Add</i>	8.11	
			<i>For 304 Stainless Steel Liner, Add</i>	11.06	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	88.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0133 EA 16" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	308.03 67.43 10.07 13.73 107.39	49.96
23 51 16 00-0134 EA 18" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	455.76 108.65 17.35 23.65 170.00	56.13
23 51 16 00-0135 EA 20" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	508.59 115.16 17.68 24.11 182.09	74.80
23 51 16 00-0136 EA 22" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	647.57 146.15 22.38 30.52 231.25	96.26
23 51 16 00-0137 EA 24" Round Flue/Vent Adjustable Roof Flashing, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	769.00 174.57 26.86 36.63 275.89	112.26
23 51 16 00-0138 Galvanized Storm Collars <small>(23 51 16 00-0001)</small>		
23 51 16 00-0139 EA 3" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	29.61 3.64 0.19 0.25 6.77	10.52
23 51 16 00-0140 EA 4" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	37.56 4.53 0.21 0.29 8.48	13.47
23 51 16 00-0141 EA 5" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	44.12 5.38 0.27 0.36 10.03	15.72
23 51 16 00-0142 EA 6" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	50.70 6.23 0.32 0.43 11.59	17.96
23 51 16 00-0143 EA 7" Or 8" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	63.83 7.92 0.42 0.58 14.69	22.45
23 51 16 00-0144 EA 10" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	87.86 11.20 0.66 0.91 20.59	30.31
23 51 16 00-0145 EA 12" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	108.54 13.76 0.80 1.09 25.34	37.61
23 51 16 00-0146 EA 14" Or 16" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	136.88 18.61 1.35 1.85 33.53	44.91
23 51 16 00-0147 EA 18" Or 20" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	177.87 26.70 2.45 3.34 46.72	53.33
23 51 16 00-0148 EA 22" Or 24" Round Galvanized Storm Collar, Double Wall <i>For 2" Wall Instead Of 1", Add</i> <i>For Aluminum Liner, Add</i> <i>For 304 Stainless Steel Liner, Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	241.25 42.91 5.17 7.04 71.73	58.94
23 51 16 00-0149 Oval Galvanized Double Wall Flue/Vent Pipe And Fittings <small>(23 51 16)</small>		
23 51 16 00-0150 Oval Galvanized Double Wall Flue/Vent Pipe <small>(23 51 16 00-0149)</small>		
23 51 16 00-0151 LF 4" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe <i>For 2" Wall Instead Of 1", Add</i> <i>For 3" To 4" Wall Instead Of 1", Add</i>	47.57 7.68 13.16	13.20

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51	16 00-0152	LF	5" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	52.14	14.03
			<i>For 2" Wall Instead Of 1", Add</i>	8.68	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	14.76	
23 51	16 00-0153	LF	6" Oval Flue/Vent Pipe, Galvanized Double Wall Breech/Smoke Pipe	57.54	15.02
			<i>For 2" Wall Instead Of 1", Add</i>	9.77	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	16.53	
23 51	16 00-0154		45 Degree Elbows <small>(23 51 16 00-0149)</small>		
23 51	16 00-0155	EA	4" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	103.40	27.37
			<i>For 2" Wall Instead Of 1", Add</i>	17.33	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	29.42	
23 51	16 00-0156	EA	5" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	120.68	31.99
			<i>For 2" Wall Instead Of 1", Add</i>	20.21	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	34.31	
23 51	16 00-0157	EA	6" Standard Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	142.72	36.21
			<i>For 2" Wall Instead Of 1", Add</i>	24.71	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	41.59	
23 51	16 00-0158	EA	4" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	105.15	27.37
			<i>For 2" Wall Instead Of 1", Add</i>	17.86	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	30.21	
23 51	16 00-0159	EA	5" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	124.93	31.99
			<i>For 2" Wall Instead Of 1", Add</i>	21.48	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	36.22	
23 51	16 00-0160	EA	6" Flat Oval Flue/Vent 45 Elbow, Galvanized Double Wall Breech/Smoke Pipe	145.47	36.21
			<i>For 2" Wall Instead Of 1", Add</i>	25.53	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	42.83	
23 51	16 00-0161		Tees <small>(23 51 16 00-0149)</small>		
23 51	16 00-0162	EA	4" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	170.61	41.54
			<i>For 2" Wall Instead Of 1", Add</i>	30.39	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	50.79	
23 51	16 00-0163	EA	4" Short Snout Oval Flue/Vent Tee, Galvanized Double Wall Breech/Smoke Pipe	173.36	41.54
			<i>For 2" Wall Instead Of 1", Add</i>	31.22	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	52.02	
23 51	16 00-0164	EA	5" Standard Oval Flue/Vent Pipe Tee, Galvanized Double Wall Breech/Smoke Pipe	199.17	47.71
			<i>For 2" Wall Instead Of 1", Add</i>	35.90	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	59.81	
23 51	16 00-0165	EA	6" Oval Flue/Vent Tee With Round Coupling, Galvanized Double Wall Breech/Smoke Pipe	227.27	53.47
			<i>For 2" Wall Instead Of 1", Add</i>	41.45	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	68.86	
23 51	16 00-0166		Tops/Caps And Adjustable Flashing <small>(23 51 16 00-0149)</small>		
23 51	16 00-0167	EA	4" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	64.02	13.47
			<i>For 2" Wall Instead Of 1", Add</i>	12.44	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	20.36	
23 51	16 00-0168	EA	6" Oval Flue/Vent Pipe Top/Cap, Galvanized Double Wall Breech/Smoke Pipe	98.32	18.10
			<i>For 2" Wall Instead Of 1", Add</i>	20.44	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	32.93	
23 51	16 00-0169	EA	4" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	53.28	13.47
			<i>For 2" Wall Instead Of 1", Add</i>	9.22	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	15.52	
23 51	16 00-0170	EA	6" Oval Flue/Vent Adjustable Flashing, Galvanized Double Wall Breech/Smoke Pipe	88.21	18.10
			<i>For 2" Wall Instead Of 1", Add</i>	17.41	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	28.38	
23 51	16 00-0171		Storm Collars <small>(23 51 16 00-0149)</small>		
23 51	16 00-0172	EA	4" Oval Galvanized Storm Collar, Double Wall	37.56	13.47
			<i>For 2" Wall Instead Of 1", Add</i>	4.53	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	8.48	
23 51	16 00-0173	EA	5" Oval Galvanized Storm Collar, Double Wall	44.12	15.72
			<i>For 2" Wall Instead Of 1", Add</i>	5.38	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	10.03	
23 51	16 00-0174	EA	6" Oval Galvanized Storm Collar, Double Wall	50.70	17.96
			<i>For 2" Wall Instead Of 1", Add</i>	6.23	
			<i>For 3" To 4" Wall Instead Of 1", Add</i>	11.59	
23 51	16 00-0175		Round Double Wall Flue/Vent Pipe And Fittings <small>(23 51 16)</small>		
			Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51	16 00-0176		Round Double Wall Flue/Vent Pipe <small>(23 51 16 00-0175)</small>		
			Note: 304 Stainless steel inner wall and aluminum steel outer jacket, with 1" insulation.		
23 51	16 00-0177	LF	6" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	117.54	15.02
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	16.01	
			<i>For 316 Stainless Steel, Add</i>	12.81	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.01	
23 51	16 00-0178	LF	8" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	140.96	17.26
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	19.55	
			<i>For 316 Stainless Steel, Add</i>	15.64	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	9.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0179 LF 10" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	156.21	18.67
For 3" Insulated Wall Instead Of 1" Thickness, Add	21.90	
For 316 Stainless Steel, Add	17.52	
For 2" Insulated Wall Instead Of 1" Thickness, Add	10.95	
23 51 16 00-0180 LF 12" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	175.83	20.35
For 3" Insulated Wall Instead Of 1" Thickness, Add	24.96	
For 316 Stainless Steel, Add	19.97	
For 2" Insulated Wall Instead Of 1" Thickness, Add	12.48	
23 51 16 00-0181 LF 14" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	197.12	21.33
For 3" Insulated Wall Instead Of 1" Thickness, Add	28.73	
For 316 Stainless Steel, Add	22.98	
For 2" Insulated Wall Instead Of 1" Thickness, Add	14.37	
23 51 16 00-0182 LF 16" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	208.12	22.45
For 3" Insulated Wall Instead Of 1" Thickness, Add	30.38	
For 316 Stainless Steel, Add	24.30	
For 2" Insulated Wall Instead Of 1" Thickness, Add	15.19	
23 51 16 00-0183 LF 18" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	229.89	23.72
For 3" Insulated Wall Instead Of 1" Thickness, Add	34.15	
For 316 Stainless Steel, Add	27.32	
For 2" Insulated Wall Instead Of 1" Thickness, Add	17.07	
23 51 16 00-0184 LF 20" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	289.05	37.46
For 3" Insulated Wall Instead Of 1" Thickness, Add	39.09	
For 316 Stainless Steel, Add	31.27	
For 2" Insulated Wall Instead Of 1" Thickness, Add	19.55	
23 51 16 00-0185 LF 24" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	357.24	42.10
For 3" Insulated Wall Instead Of 1" Thickness, Add	50.39	
For 316 Stainless Steel, Add	40.32	
For 2" Insulated Wall Instead Of 1" Thickness, Add	25.20	
23 51 16 00-0186 LF 28" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	401.86	44.91
For 3" Insulated Wall Instead Of 1" Thickness, Add	57.93	
For 316 Stainless Steel, Add	46.34	
For 2" Insulated Wall Instead Of 1" Thickness, Add	28.97	
23 51 16 00-0187 LF 32" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	449.58	49.82
For 3" Insulated Wall Instead Of 1" Thickness, Add	64.99	
For 316 Stainless Steel, Add	52.00	
For 2" Insulated Wall Instead Of 1" Thickness, Add	32.50	
23 51 16 00-0188 LF 36" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	499.55	53.89
For 3" Insulated Wall Instead Of 1" Thickness, Add	73.00	
For 316 Stainless Steel, Add	58.40	
For 2" Insulated Wall Instead Of 1" Thickness, Add	36.50	
23 51 16 00-0189 LF 42" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	570.24	61.32
For 3" Insulated Wall Instead Of 1" Thickness, Add	83.36	
For 316 Stainless Steel, Add	66.69	
For 2" Insulated Wall Instead Of 1" Thickness, Add	41.68	
23 51 16 00-0190 LF 48" Round Flue/Vent Pipe, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	667.34	71.01
For 3" Insulated Wall Instead Of 1" Thickness, Add	97.96	
For 316 Stainless Steel, Add	78.37	
For 2" Insulated Wall Instead Of 1" Thickness, Add	48.98	
23 51 16 00-0191 90 Degree Elbows <small>(23 51 16 00-0175)</small>		
23 51 16 00-0192 EA 6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	531.97	31.01
For 316 Stainless Steel, Add	90.90	
For 3" Insulated Wall Instead Of 1" Thickness, Add	90.90	
For 2" Insulated Wall Instead Of 1" Thickness, Add	45.45	
23 51 16 00-0193 EA 8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	587.87	34.52
For 316 Stainless Steel, Add	100.32	
For 3" Insulated Wall Instead Of 1" Thickness, Add	100.32	
For 2" Insulated Wall Instead Of 1" Thickness, Add	50.16	
23 51 16 00-0194 EA 10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	668.23	37.46
For 316 Stainless Steel, Add	114.92	
For 3" Insulated Wall Instead Of 1" Thickness, Add	114.92	
For 2" Insulated Wall Instead Of 1" Thickness, Add	57.46	
23 51 16 00-0195 EA 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	754.32	40.83
For 316 Stainless Steel, Add	130.46	
For 3" Insulated Wall Instead Of 1" Thickness, Add	130.46	
For 2" Insulated Wall Instead Of 1" Thickness, Add	65.23	
23 51 16 00-0196 EA 14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket.....	872.26	42.81
For 316 Stainless Steel, Add	153.06	
For 3" Insulated Wall Instead Of 1" Thickness, Add	153.06	
For 2" Insulated Wall Instead Of 1" Thickness, Add	76.53	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0197	EA		16" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	959.98	44.91
			<i>For 316 Stainless Steel, Add</i>	169.55	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	169.55	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	84.77	
23 51 16 00-0198	EA		18" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,107.17	47.29
			<i>For 316 Stainless Steel, Add</i>	197.81	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	197.81	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	98.90	
23 51 16 00-0199	EA		20" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,293.89	74.80
			<i>For 316 Stainless Steel, Add</i>	221.36	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	221.36	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	110.68	
23 51 16 00-0200	EA		24" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,588.07	84.19
			<i>For 316 Stainless Steel, Add</i>	275.52	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	275.52	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	137.76	
23 51 16 00-0201	EA		28" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,920.02	89.81
			<i>For 316 Stainless Steel, Add</i>	339.10	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	339.10	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	169.55	
23 51 16 00-0202	EA		32" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,524.67	96.12
			<i>For 316 Stainless Steel, Add</i>	456.84	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	456.84	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	228.42	
23 51 16 00-0203	EA		36" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,870.99	112.26
			<i>For 316 Stainless Steel, Add</i>	518.07	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	518.07	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	259.03	
23 51 16 00-0204	EA		42" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,191.59	122.50
			<i>For 316 Stainless Steel, Add</i>	777.10	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	777.10	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	388.55	
23 51 16 00-0205	EA		48" Round Flue/Vent, 90 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	5,223.08	134.71
			<i>For 316 Stainless Steel, Add</i>	977.26	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	977.26	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	488.63	
23 51 16 00-0206			45 Degree Elbows <small>(23 51 16 00-0175)</small>		
23 51 16 00-0207	EA		6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	359.74	29.89
			<i>For 316 Stainless Steel, Add</i>	56.99	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	56.99	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	28.49	
23 51 16 00-0208	EA		8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	411.26	34.52
			<i>For 316 Stainless Steel, Add</i>	64.99	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	64.99	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	32.50	
23 51 16 00-0209	EA		10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	456.26	37.46
			<i>For 316 Stainless Steel, Add</i>	72.53	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	72.53	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	36.27	
23 51 16 00-0210	EA		12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	518.84	40.83
			<i>For 316 Stainless Steel, Add</i>	83.36	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	83.36	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	41.68	
23 51 16 00-0211	EA		14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	582.62	42.81
			<i>For 316 Stainless Steel, Add</i>	95.14	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	95.14	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	47.57	
23 51 16 00-0212	EA		16" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	651.50	44.91
			<i>For 316 Stainless Steel, Add</i>	107.85	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	107.85	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	53.93	
23 51 16 00-0213	EA		18" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	728.04	47.29
			<i>For 316 Stainless Steel, Add</i>	121.98	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	121.98	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	60.99	
23 51 16 00-0214	EA		20" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	884.15	74.80
			<i>For 316 Stainless Steel, Add</i>	139.41	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	139.41	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	69.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0215 EA 24" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,105.35	84.19
For 316 Stainless Steel, Add	178.97	
For 3" Insulated Wall Instead Of 1" Thickness, Add	178.97	
For 2" Insulated Wall Instead Of 1" Thickness, Add	89.48	
23 51 16 00-0216 EA 28" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,237.11	89.81
For 316 Stainless Steel, Add	202.52	
For 3" Insulated Wall Instead Of 1" Thickness, Add	202.52	
For 2" Insulated Wall Instead Of 1" Thickness, Add	101.26	
23 51 16 00-0217 EA 32" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,594.51	96.12
For 316 Stainless Steel, Add	270.81	
For 3" Insulated Wall Instead Of 1" Thickness, Add	270.81	
For 2" Insulated Wall Instead Of 1" Thickness, Add	135.40	
23 51 16 00-0218 EA 36" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,105.66	112.26
For 316 Stainless Steel, Add	365.00	
For 3" Insulated Wall Instead Of 1" Thickness, Add	365.00	
For 2" Insulated Wall Instead Of 1" Thickness, Add	182.50	
23 51 16 00-0219 EA 42" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,778.69	122.50
For 316 Stainless Steel, Add	494.52	
For 3" Insulated Wall Instead Of 1" Thickness, Add	494.52	
For 2" Insulated Wall Instead Of 1" Thickness, Add	247.26	
23 51 16 00-0220 EA 48" Round Flue/Vent, 45 Degree Elbow, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,692.46	134.71
For 316 Stainless Steel, Add	671.13	
For 3" Insulated Wall Instead Of 1" Thickness, Add	671.13	
For 2" Insulated Wall Instead Of 1" Thickness, Add	335.57	
23 51 16 00-0221 Tees <small>(23 51 16 00-0175)</small>		
23 51 16 00-0222 EA 6" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	392.72	37.46
For 3" Insulated Wall Instead Of 1" Thickness, Add	59.81	
For 316 Stainless Steel, Add	65.80	
For Tee Cap, Add	92.59	
For 2" Insulated Wall Instead Of 1" Thickness, Add	29.91	
23 51 16 00-0223 EA 8" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	445.84	40.83
For 3" Insulated Wall Instead Of 1" Thickness, Add	68.76	
For 316 Stainless Steel, Add	75.64	
For Tee Cap, Add	104.47	
For 2" Insulated Wall Instead Of 1" Thickness, Add	34.38	
23 51 16 00-0224 EA 10" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	509.58	42.81
For 3" Insulated Wall Instead Of 1" Thickness, Add	80.54	
For 316 Stainless Steel, Add	88.59	
For Tee Cap, Add	117.95	
For 2" Insulated Wall Instead Of 1" Thickness, Add	40.27	
23 51 16 00-0225 EA 12" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	583.20	44.91
For 3" Insulated Wall Instead Of 1" Thickness, Add	94.19	
For 316 Stainless Steel, Add	103.61	
For Tee Cap, Add	133.47	
For 2" Insulated Wall Instead Of 1" Thickness, Add	47.10	
23 51 16 00-0226 EA 14" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	680.48	49.96
For 3" Insulated Wall Instead Of 1" Thickness, Add	111.15	
For 316 Stainless Steel, Add	122.26	
For Tee Cap, Add	154.81	
For 2" Insulated Wall Instead Of 1" Thickness, Add	55.57	
23 51 16 00-0227 EA 16" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	764.27	56.13
For 3" Insulated Wall Instead Of 1" Thickness, Add	124.81	
For 316 Stainless Steel, Add	137.29	
For Tee Cap, Add	173.89	
For 2" Insulated Wall Instead Of 1" Thickness, Add	62.40	
23 51 16 00-0228 EA 18" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	890.25	64.13
For 3" Insulated Wall Instead Of 1" Thickness, Add	146.00	
For 316 Stainless Steel, Add	160.60	
For Tee Cap, Add	202.09	
For 2" Insulated Wall Instead Of 1" Thickness, Add	73.00	
23 51 16 00-0229 EA 20" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,022.30	79.28
For 3" Insulated Wall Instead Of 1" Thickness, Add	164.84	
For 316 Stainless Steel, Add	181.32	
For Tee Cap, Add	234.18	
For 2" Insulated Wall Instead Of 1" Thickness, Add	82.42	
23 51 16 00-0230 EA 24" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,305.02	112.26
For 3" Insulated Wall Instead Of 1" Thickness, Add	204.87	
For 316 Stainless Steel, Add	225.36	
For Tee Cap, Add	303.10	
For 2" Insulated Wall Instead Of 1" Thickness, Add	102.44	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 51 16 00-0231	EA		28" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,577.72	122.50
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	254.32	
			<i>For 316 Stainless Steel, Add</i>	279.76	
			<i>For Tee Cap, Add</i>	361.46	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	127.16	
23 51 16 00-0232	EA		32" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,079.36	134.71
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	348.52	
			<i>For 316 Stainless Steel, Add</i>	383.37	
			<i>For Tee Cap, Add</i>	466.39	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	174.26	
23 51 16 00-0233	EA		36" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,317.15	149.73
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	388.55	
			<i>For 316 Stainless Steel, Add</i>	427.41	
			<i>For Tee Cap, Add</i>	519.59	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	194.28	
23 51 16 00-0234	EA		42" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,681.49	224.53
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	624.03	
			<i>For 316 Stainless Steel, Add</i>	686.44	
			<i>For Tee Cap, Add</i>	820.50	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	312.02	
23 51 16 00-0235	EA		48" Round Flue/Vent, Tee, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	4,617.98	269.43
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	788.87	
			<i>For 316 Stainless Steel, Add</i>	867.76	
			<i>For Tee Cap, Add</i>	1,024.64	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	394.44	

23 51 16 00-0236 Bellows (23 51 16 00-0175)

23 51 16 00-0237	EA		6" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	720.03	29.89
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	129.05	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	64.52	
23 51 16 00-0238	EA		8" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	785.68	34.52
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	139.88	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	69.94	
23 51 16 00-0239	EA		10" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	858.97	37.46
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	153.06	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	76.53	
23 51 16 00-0240	EA		12" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	949.77	40.83
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	169.55	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	84.77	
23 51 16 00-0241	EA		14" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,060.65	42.81
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	190.74	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	95.37	
23 51 16 00-0242	EA		16" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,171.92	44.91
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	211.94	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	105.97	
23 51 16 00-0243	EA		18" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,307.34	47.29
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	237.84	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	118.92	
23 51 16 00-0244	EA		20" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,529.35	74.80
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	268.45	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	134.23	
23 51 16 00-0245	EA		24" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,882.46	84.19
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	334.39	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	167.19	
23 51 16 00-0246	EA		28" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,108.43	89.81
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	376.77	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	188.39	
23 51 16 00-0247	EA		32" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,407.08	96.26
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	433.29	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	216.65	
23 51 16 00-0248	EA		36" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,753.27	112.26
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	494.52	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	247.26	
23 51 16 00-0249	EA		42" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,485.16	122.50
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	635.81	
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	317.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0250 EA 48" Round Flue/Vent, Bellows, Lined, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	4,222.30 777.10 388.55	134.71
23 51 16 00-0251 Ventilated Roof Thimbles <small>(23 51 16 00-0175)</small>		
23 51 16 00-0252 EA 6" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	486.66 40.03	34.52
23 51 16 00-0253 EA 8" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	530.61 42.86	40.83
23 51 16 00-0254 EA 10" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	580.83 46.86	44.91
23 51 16 00-0255 EA 12" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	628.75 50.39	49.96
23 51 16 00-0256 EA 14" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	793.82 66.17	52.90
23 51 16 00-0257 EA 16" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	714.88 57.46	56.13
23 51 16 00-0258 EA 18" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	769.07 61.93	59.92
23 51 16 00-0259 EA 20" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	874.59 66.41	84.19
23 51 16 00-0260 EA 24" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	982.09 74.18	96.12
23 51 16 00-0261 EA 28" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	1,118.43 85.95	103.56
23 51 16 00-0262 EA 32" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	1,245.97 96.55	112.12
23 51 16 00-0263 EA 36" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	1,396.27 105.97	134.57
23 51 16 00-0264 EA 42" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	1,775.18 140.11	149.59
23 51 16 00-0265 EA 48" Round Flue/Vent, Ventilated Roof Thimble, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket <i>For 316 Stainless Steel, Add</i>	2,186.83 176.61	168.25
23 51 16 00-0266 Exit Cones <small>(23 51 16 00-0175)</small>		
23 51 16 00-0267 EA 6" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	333.80	19.50
23 51 16 00-0268 EA 8" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	352.55	21.33
23 51 16 00-0269 EA 10" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	378.73	22.45
23 51 16 00-0270 EA 12" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	395.82	23.58
23 51 16 00-0271 EA 14" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	435.08	24.28
23 51 16 00-0272 EA 16" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	474.35	24.84
23 51 16 00-0273 EA 18" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	572.75	25.68
23 51 16 00-0274 EA 20" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	725.49	48.14
23 51 16 00-0275 EA 24" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	906.61	51.78
23 51 16 00-0276 EA 28" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,076.67	53.89
23 51 16 00-0277 EA 32" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,317.76	56.13
23 51 16 00-0278 EA 36" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,495.40	61.32
23 51 16 00-0279 EA 42" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,879.47	64.13
23 51 16 00-0280 EA 48" Round Flue/Vent, Exit Cone, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,393.74	67.36
23 51 16 00-0281 Vent Top Caps <small>(23 51 16 00-0175)</small>		
23 51 16 00-0282 EA 6" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	364.30	19.50

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0283	EA		8" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	420.83	21.33
23 51 16 00-0284	EA		10" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	487.02	22.45
23 51 16 00-0285	EA		12" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	558.28	23.58
23 51 16 00-0286	EA		14" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	649.31	24.28
23 51 16 00-0287	EA		16" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	735.83	24.98
23 51 16 00-0288	EA		18" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	817.69	25.68
23 51 16 00-0289	EA		20" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	991.46	48.14
23 51 16 00-0290	EA		24" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,177.41	51.78
23 51 16 00-0291	EA		28" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,276.75	53.89
23 51 16 00-0292	EA		32" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,447.19	56.13
23 51 16 00-0293	EA		36" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,683.62	61.18
23 51 16 00-0294	EA		42" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,044.20	64.13
23 51 16 00-0295	EA		48" Round Flue/Vent Top Caps, 316 Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,370.08	67.36
23 51 16 00-0296			Roof Support Assemblies (23 51 16 00-0175)		
23 51 16 00-0297	EA		6" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	553.59	35.93
			<i>For 316 Stainless Steel, Add</i>	92.78	
23 51 16 00-0298	EA		8" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	613.23	42.81
			<i>For 316 Stainless Steel, Add</i>	101.26	
23 51 16 00-0299	EA		10" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	673.82	47.29
			<i>For 316 Stainless Steel, Add</i>	111.15	
23 51 16 00-0300	EA		12" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	720.70	52.76
			<i>For 316 Stainless Steel, Add</i>	117.74	
23 51 16 00-0301	EA		14" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	802.03	56.13
			<i>For 316 Stainless Steel, Add</i>	132.34	
23 51 16 00-0302	EA		16" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	851.45	59.92
			<i>For 316 Stainless Steel, Add</i>	140.35	
23 51 16 00-0303	EA		18" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	914.07	64.27
			<i>For 316 Stainless Steel, Add</i>	150.71	
23 51 16 00-0304	EA		20" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,025.18	89.81
			<i>For 316 Stainless Steel, Add</i>	160.13	
23 51 16 00-0305	EA		24" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,153.94	103.70
			<i>For 316 Stainless Steel, Add</i>	178.97	
23 51 16 00-0306	EA		28" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,328.57	112.26
			<i>For 316 Stainless Steel, Add</i>	209.58	
23 51 16 00-0307	EA		32" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,577.74	122.50
			<i>For 316 Stainless Steel, Add</i>	254.32	
23 51 16 00-0308	EA		36" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	1,834.40	149.73
			<i>For 316 Stainless Steel, Add</i>	292.00	
23 51 16 00-0309	EA		42" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	2,705.15	168.39
			<i>For 316 Stainless Steel, Add</i>	456.84	
23 51 16 00-0310	EA		48" Round Flue/Vent, Roof Support Assembly, Stainless Steel/Aluminum Flue/Vent Pipe, Stainless Steel Inner Wall/Aluminum Steel Outer Jacket	3,304.42	191.41
			<i>For 316 Stainless Steel, Add</i>	565.16	
23 51 16 00-0311			Round Stainless Steel Double Wall Flue/Vent Pipe And Fittings (23 51 16)		
			Note: With 1" insulation.		
23 51 16 00-0312			Round Stainless Steel Double Wall Flue/Vent Pipe (23 51 16 00-0311)		
			Note: With 1" insulation.		
23 51 16 00-0313	LF		6" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	103.42	15.02
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	6.59	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	13.19	
23 51 16 00-0314	LF		7" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe	124.89	16.00
			<i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i>	8.48	
			<i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	16.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0315 LF 8" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	142.14 9.89 19.78	17.26
23 51 16 00-0316 LF 10" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	190.30 14.37 28.73	18.67
23 51 16 00-0317 LF 12" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	244.18 19.31 38.62	20.49
23 51 16 00-0318 LF 14" Round Flue/Vent Pipe, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	307.91 25.43 50.86	21.47
23 51 16 00-0319 90 Degree Elbows <small>(23 51 16 00-0311)</small>		
23 51 16 00-0320 EA 6" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	222.03 14.72 29.44	29.89
23 51 16 00-0321 EA 7" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	244.96 16.48 32.97	31.99
23 51 16 00-0322 EA 8" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	274.73 18.84 37.68	34.52
23 51 16 00-0323 EA 10" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	338.51 24.49 48.98	37.46
23 51 16 00-0324 EA 12" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	401.11 29.91 59.81	40.83
23 51 16 00-0325 EA 14" Round Flue/Vent, 90 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	464.81 35.79 71.59	42.81
23 51 16 00-0326 45 Degree Elbows <small>(23 51 16 00-0311)</small>		
23 51 16 00-0327 EA 6" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	185.24 11.04 22.08	29.89
23 51 16 00-0328 EA 7" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	203.75 12.36 24.73	31.99
23 51 16 00-0329 EA 8" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	227.64 14.13 28.26	34.52
23 51 16 00-0330 EA 10" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	277.28 18.37 36.74	37.46
23 51 16 00-0331 EA 12" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	326.31 22.43 44.86	40.83
23 51 16 00-0332 EA 14" Round Flue/Vent, 45 Degree Elbow, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	375.38 26.85 53.69	42.81
23 51 16 00-0333 Tees With Tee Caps <small>(23 51 16 00-0311)</small>		
23 51 16 00-0334 EA 6" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	352.65 27.79 55.57	29.89
23 51 16 00-0335 EA 7" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	442.78 36.27 72.53	31.99
23 51 16 00-0336 EA 8" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	496.04 40.97 81.95	34.52
23 51 16 00-0337 EA 10" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	670.45 57.69 115.39	37.46
23 51 16 00-0338 EA 12" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	914.40 81.24 162.48	40.83
23 51 16 00-0339 EA 14" Round Flue/Vent, Tee, Stainless Steel Flue/Vent Pipe <i>For 2" Insulated Wall Instead Of 1" Thickness, Add</i> <i>For 3" Insulated Wall Instead Of 1" Thickness, Add</i>	1,166.51 105.97 211.94	42.81
23 51 16 00-0340 Joist Shields <small>(23 51 16 00-0311)</small>		
23 51 16 00-0341 EA 6" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	159.57	29.89
23 51 16 00-0342 EA 7" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	171.97	31.99
23 51 16 00-0343 EA 8" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	199.33	34.52
23 51 16 00-0344 EA 10" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	245.55	37.46
23 51 16 00-0345 EA 12" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	291.58	40.83
23 51 16 00-0346 EA 14" Round Flue/Vent, Joist Shield, Stainless Steel Flue/Vent Pipe	342.35	42.81

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0347			Adjustable Roof Flashing (23 51 16 00-0311)		
23 51 16 00-0348	EA		6" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe.....	186.65	29.89
23 51 16 00-0349	EA		7" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe.....	207.27	31.99
23 51 16 00-0350	EA		8" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe.....	225.22	34.52
23 51 16 00-0351	EA		10" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe.....	271.41	37.46
23 51 16 00-0352	EA		12" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe.....	331.71	40.83
23 51 16 00-0353	EA		14" Round Flue/Vent, Adjustable Roof Flashing, Stainless Steel Flue/Vent Pipe.....	394.11	42.66
23 51 16 00-0354			Vent Top Caps (23 51 16 00-0311)		
23 51 16 00-0355	EA		6" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe.....	168.99	29.89
23 51 16 00-0356	EA		7" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe.....	208.45	31.99
23 51 16 00-0357	EA		8" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe.....	258.19	34.52
23 51 16 00-0358	EA		10" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe.....	402.15	37.46
23 51 16 00-0359	EA		12" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe.....	542.45	40.83
23 51 16 00-0360	EA		14" Round Flue/Vent Top Caps, Stainless Steel Flue/Vent Pipe.....	686.18	42.81
23 51 16 00-0361			Roof Support Assemblies (23 51 16 00-0311)		
23 51 16 00-0362	EA		6" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	243.06	29.89
23 51 16 00-0363	EA		7" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	269.67	31.99
23 51 16 00-0364	EA		8" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	292.32	34.52
23 51 16 00-0365	EA		10" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	364.35	37.46
23 51 16 00-0366	EA		12" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	429.35	40.83
23 51 16 00-0367	EA		14" Round Flue/Vent, Roof Support Assembly, Stainless Steel Flue/Vent Pipe.....	521.35	42.81
23 51 16 00-0368			Polyvinyl Chloride (PVC) Flue/Vent Accessories (23 51 16)		
23 51 16 00-0369			Concentric Polyvinyl Chloride (PVC) Vent Termination (23 51 16 00-0368)		
23 51 16 00-0370	EA		2" Concentric Polyvinyl Chloride (PVC) Vent Termination.....	258.83	57.15
23 51 16 00-0371	EA		3" Concentric Polyvinyl Chloride (PVC) Vent Termination.....	279.49	57.15
23 51 16 00-0372			Polypropylene (PP) Flue/Vent Pipe And Fittings (23 51 16)		
23 51 16 00-0373			Polypropylene Flue/Vent Rigid Pipe Sections (23 51 16 00-0372) Note: Gasketed rigid single wall polypropylene vent lengths with dedicated male and female ends.		
23 51 16 00-0374	EA		2" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	51.57	17.36
23 51 16 00-0375	EA		2" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	58.18	18.27
23 51 16 00-0376	EA		2" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	66.47	20.31
23 51 16 00-0377	EA		2" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	82.13	23.89
23 51 16 00-0378	EA		3" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	61.69	19.89
23 51 16 00-0379	EA		3" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	73.50	20.95
23 51 16 00-0380	EA		3" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	89.42	23.28
23 51 16 00-0381	EA		3" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	110.15	27.38
23 51 16 00-0382	EA		4" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	99.91	26.32
23 51 16 00-0383	EA		4" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	116.93	27.70
23 51 16 00-0384	EA		4" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	144.26	30.79
23 51 16 00-0385	EA		4" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	185.76	36.22
23 51 16 00-0386	EA		5" x 12" Polypropylene Flue/Vent Rigid Pipe Section.....	148.14	38.85
23 51 16 00-0387	EA		5" x 24" Polypropylene Flue/Vent Rigid Pipe Section.....	168.29	40.89
23 51 16 00-0388	EA		5" x 36" Polypropylene Flue/Vent Rigid Pipe Section.....	216.40	45.44
23 51 16 00-0389	EA		5" x 72" Polypropylene Flue/Vent Rigid Pipe Section.....	279.52	53.47
23 51 16 00-0390			Polypropylene Flue/Vent Elbows (23 51 16 00-0372) Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0391	EA		2" Polypropylene Flue/Vent 15 Degree Elbow.....	63.64	21.09
23 51 16 00-0392	EA		3" Polypropylene Flue/Vent 15 Degree Elbow.....	73.67	22.20
23 51 16 00-0393	EA		4" Polypropylene Flue/Vent 15 Degree Elbow.....	90.50	23.01
23 51 16 00-0394	EA		5" Polypropylene Flue/Vent 15 Degree Elbow.....	104.21	23.96
23 51 16 00-0395	EA		2" Polypropylene Flue/Vent 30 Degree Elbow.....	63.64	21.09
23 51 16 00-0396	EA		3" Polypropylene Flue/Vent 30 Degree Elbow.....	73.67	22.20
23 51 16 00-0397	EA		4" Polypropylene Flue/Vent 30 Degree Elbow.....	90.50	23.01
23 51 16 00-0398	EA		5" Polypropylene Flue/Vent 30 Degree Elbow.....	104.21	23.96
23 51 16 00-0399	EA		2" Polypropylene Flue/Vent 45 Degree Elbow.....	63.64	21.09
23 51 16 00-0400	EA		3" Polypropylene Flue/Vent 45 Degree Elbow.....	73.67	22.20
23 51 16 00-0401	EA		4" Polypropylene Flue/Vent 45 Degree Elbow.....	90.50	23.01
23 51 16 00-0402	EA		5" Polypropylene Flue/Vent 45 Degree Elbow.....	104.21	23.96
23 51 16 00-0403	EA		2" Polypropylene Flue/Vent 87 Degree Elbow.....	63.64	21.09
23 51 16 00-0404	EA		3" Polypropylene Flue/Vent 87 Degree Elbow.....	73.67	22.20
23 51 16 00-0405	EA		4" Polypropylene Flue/Vent 87 Degree Elbow.....	89.48	23.01
23 51 16 00-0406	EA		5" Polypropylene Flue/Vent 87 Degree Elbow.....	106.74	23.96
23 51 16 00-0407			Polypropylene Flue/Vent Tees (23 51 16 00-0372) Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0408	EA		2" Polypropylene Flue/Vent Tee.....	187.05	31.64

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0409 EA 3" Polypropylene Flue/Vent Tee	232.95	33.31
23 51 16 00-0410 EA 4" Polypropylene Flue/Vent Tee	271.91	34.52
23 51 16 00-0411 EA 5" Polypropylene Flue/Vent Tee	296.91	35.93
23 51 16 00-0412 Polypropylene Flue/Vent Adaptors <small>(23 51 16 00-0372)</small>		
<small>Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.</small>		
23 51 16 00-0413 EA 2" Polypropylene Flue/Vent Adaptor With Gasket	73.63	21.09
23 51 16 00-0414 EA 3" Polypropylene Flue/Vent Adaptor With Gasket	102.78	22.20
23 51 16 00-0415 EA 4" Polypropylene Flue/Vent Adaptor With Gasket	118.69	23.01
23 51 16 00-0416 EA 5" Polypropylene Flue/Vent Adaptor With Gasket	159.31	23.96
23 51 16 00-0417 Polypropylene Flue/Vent Increases <small>(23 51 16 00-0372)</small>		
<small>Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.</small>		
23 51 16 00-0418 EA 2" to 3" Polypropylene Flue/Vent Centric Increaser	81.01	21.65
23 51 16 00-0419 EA 3" to 4" Polypropylene Flue/Vent Centric Increaser	88.34	22.61
23 51 16 00-0420 EA 4" to 5" Polypropylene Flue/Vent Centric Increaser	133.03	23.47
23 51 16 00-0421 EA 2" to 3" Polypropylene Flue/Vent Eccentric Increaser	106.66	21.65
23 51 16 00-0422 EA 3" to 4" Polypropylene Flue/Vent Eccentric Increaser	86.25	22.61
23 51 16 00-0423 EA 4" to 5" Polypropylene Flue/Vent Eccentric Increaser	207.82	23.47
23 51 16 00-0424 Polypropylene Flue/Vent Reducers <small>(23 51 16 00-0372)</small>		
<small>Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.</small>		
23 51 16 00-0425 EA 3" to 2" Polypropylene Flue/Vent Reducer	81.01	21.65
23 51 16 00-0426 EA 4" to 3" Polypropylene Flue/Vent Reducer	88.34	22.61
23 51 16 00-0427 EA 5" to 4" Polypropylene Flue/Vent Reducer	187.19	23.47
23 51 16 00-0428 Polypropylene Flue/Vent Test Ports <small>(23 51 16 00-0372)</small>		
<small>Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.</small>		
23 51 16 00-0429 EA 2" Polypropylene Flue/Vent Test Port	104.19	31.64
23 51 16 00-0430 EA 3" Polypropylene Flue/Vent Test Port	116.12	33.31
23 51 16 00-0431 EA 4" Polypropylene Flue/Vent Test Port	172.10	34.52
23 51 16 00-0432 EA 5" Polypropylene Flue/Vent Test Port	183.44	35.93
23 51 16 00-0433 Polypropylene Flue/Vent Cascade Components <small>(23 51 16 00-0372)</small>		
<small>Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.</small>		
23 51 16 00-0434 EA 4" x 15" Polypropylene Flue/Vent Branch Tee With 4" Feeder	276.51	34.52
23 51 16 00-0435 EA 4" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	361.42	43.15
23 51 16 00-0436 EA 5" x 12" Polypropylene Flue/Vent Branch Tee With 4" Feeder	230.02	35.93
23 51 16 00-0437 EA 5" x 42" Polypropylene Flue/Vent Branch Tee With 4" Feeder	337.87	44.91
23 51 16 00-0438 EA 3" to 4" Polypropylene Flue/Vent Non-Return Valve	345.57	22.61
23 51 16 00-0439 EA 4" to 4" Polypropylene Flue/Vent Non-Return Valve	399.15	23.47
23 51 16 00-0440 Polypropylene Flue/Vent Condensate Management <small>(23 51 16 00-0372)</small>		
<small>Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.</small>		
23 51 16 00-0441 EA 2" Polypropylene Flue/Vent Horizontal Drain Tee	138.82	31.64
23 51 16 00-0442 EA 3" Polypropylene Flue/Vent Horizontal Drain Tee	166.08	33.31
23 51 16 00-0443 EA 4" Polypropylene Flue/Vent Horizontal Drain Tee	188.98	34.52
23 51 16 00-0444 EA 5" Polypropylene Flue/Vent Horizontal Drain Tee	214.43	35.93
23 51 16 00-0445 EA 4" Polypropylene Flue/Vent Horizontal Drain Fittings	235.85	34.52
23 51 16 00-0446 EA 5" Polypropylene Flue/Vent Horizontal Drain Fittings	259.28	35.93
23 51 16 00-0447 EA 2" Polypropylene Flue/Vent Tee Cap	77.36	10.55
23 51 16 00-0448 EA 3" Polypropylene Flue/Vent Tee Cap	98.47	11.10
23 51 16 00-0449 EA 4" Polypropylene Flue/Vent Tee Cap	116.44	11.51
23 51 16 00-0450 EA 5" Polypropylene Flue/Vent Tee Cap	151.02	11.97
23 51 16 00-0451 EA 2" Polypropylene Flue/Vent Tee Cap With Drain	153.82	31.64
23 51 16 00-0452 EA 3" Polypropylene Flue/Vent Tee Cap With Drain	186.87	33.31
23 51 16 00-0453 EA 4" Polypropylene Flue/Vent Tee Cap With Drain	214.77	34.52
23 51 16 00-0454 EA 5" Polypropylene Flue/Vent Tee Cap With Drain	256.82	35.93
23 51 16 00-0455 Polypropylene Flue/Vent Terminations <small>(23 51 16 00-0372)</small>		
23 51 16 00-0456 EA 2" Polypropylene-UV Black Flue/Vent Chimney Cover	193.01	21.09
23 51 16 00-0457 EA 3" Polypropylene-UV Black Flue/Vent Chimney Cover	171.52	22.20
23 51 16 00-0458 EA 4" Polypropylene-UV Black Flue/Vent Chimney Cover	213.00	23.01
23 51 16 00-0459 EA 3" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	426.52	22.20
23 51 16 00-0460 EA 4" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	455.18	23.01
23 51 16 00-0461 EA 5" Stainless Steel Chimney Cover With Polypropylene-UV Black End Pipe	530.35	23.96
23 51 16 00-0462 EA 2"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	116.96	21.09
23 51 16 00-0463 EA 2"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	123.39	21.09
23 51 16 00-0464 EA 2"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	129.81	21.09
23 51 16 00-0465 EA 2"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	136.23	21.09
23 51 16 00-0466 EA 3"/4" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	126.18	22.20
23 51 16 00-0467 EA 3"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	132.60	22.20
23 51 16 00-0468 EA 3"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	139.02	22.20
23 51 16 00-0469 EA 3"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	145.45	22.20
23 51 16 00-0470 EA 4"/5" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	141.04	23.01

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 51 Breechings, Chimneys, and Stacks**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 51 16 00-0471 EA 4"/6" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	147.47	23.01
23 51 16 00-0472 EA 4"/7" Polypropylene-UV Black Flue/Vent B-Vent Chimney Cover Rain Collar	153.89	23.01
23 51 16 00-0473 EA 2" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	123.32	21.09
23 51 16 00-0474 EA 3" Polypropylene-UV Black Flue/Vent Low Profile Wall Termination	156.37	22.20
23 51 16 00-0475 EA 2" Polypropylene-UV Black Flue/Vent Termination Tee	145.79	31.64
23 51 16 00-0476 EA 3" Polypropylene-UV Black Flue/Vent Termination Tee	189.13	33.31
23 51 16 00-0477 EA 4" Polypropylene-UV Black Flue/Vent Termination Tee	221.95	34.52
23 51 16 00-0478 EA 5" Polypropylene-UV Black Flue/Vent Termination Tee	243.81	35.93
23 51 16 00-0479 EA 2" x 20" Polypropylene-UV Black Flue/Vent End Pipe	54.27	18.27
23 51 16 00-0480 EA 2" x 39" Polypropylene-UV Black Flue/Vent End Pipe	64.42	20.31
23 51 16 00-0481 EA 3" x 20" Polypropylene-UV Black Flue/Vent End Pipe	64.95	20.95
23 51 16 00-0482 EA 3" x 39" Polypropylene-UV Black Flue/Vent End Pipe	80.17	23.28
23 51 16 00-0483 EA 4" x 20" Polypropylene-UV Black Flue/Vent End Pipe	96.72	27.70
23 51 16 00-0484 EA 5" x 20" Polypropylene-UV Black Flue/Vent End Pipe	134.39	40.89
23 51 16 00-0485 EA 5" x 39" Polypropylene-UV Black Flue/Vent End Pipe	161.49	45.44
23 51 16 00-0486 EA 2" x 24" Polypropylene-UV Black Flue/Vent Vent Length	59.43	18.27
23 51 16 00-0487 EA 3" x 24" Polypropylene-UV Black Flue/Vent Vent Length	75.62	20.95
23 51 16 00-0488 EA 4" x 24" Polypropylene-UV Black Flue/Vent Vent Length	121.70	27.70
23 51 16 00-0489 EA 2" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	65.68	21.09
23 51 16 00-0490 EA 3" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	76.24	22.20
23 51 16 00-0491 EA 4" Polypropylene-UV Black Flue/Vent 45 Degree Elbow	93.79	23.01
23 51 16 00-0492 EA 2" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	64.72	21.09
23 51 16 00-0493 EA 3" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	75.60	22.20
23 51 16 00-0494 EA 4" Polypropylene-UV Black Flue/Vent 87 Degree Elbow	92.66	23.01
23 51 16 00-0495 EA 2" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	41.18	10.55
23 51 16 00-0496 EA 3" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	47.61	11.10
23 51 16 00-0497 EA 4" Polypropylene-UV Black Bird Screen For Polypropylene Flue/Vent	53.04	11.51
23 51 16 00-0498 EA 3" Stainless Steel Bird Screen For Polypropylene Flue/Vent	100.24	11.10
23 51 16 00-0499 EA 5" Stainless Steel Bird Screen For Polypropylene Flue/Vent	114.93	11.97
23 51 16 00-0500 Polypropylene Flue/Vent Accessories (23 51 16 00-0372)		
23 51 16 00-0501 EA 2" Spacer For Polypropylene Flue/Vent	20.96	5.28
23 51 16 00-0502 EA 3" Spacer For Polypropylene Flue/Vent	20.12	5.56
23 51 16 00-0503 EA 4" Spacer For Polypropylene Flue/Vent	20.74	5.75
23 51 16 00-0504 EA 5" Spacer For Polypropylene Flue/Vent	31.78	5.99
23 51 16 00-0505 EA 2" Flue Clamp For Polypropylene Flue/Vent	38.92	7.92
23 51 16 00-0506 EA 3" Flue Clamp For Polypropylene Flue/Vent	45.44	8.32
23 51 16 00-0507 EA 4" Flue Clamp For Polypropylene Flue/Vent	52.40	8.63
23 51 16 00-0508 EA 2" Support Clamp For Polypropylene Flue/Vent	37.14	7.92
23 51 16 00-0509 EA 4" Support Clamp For Polypropylene Flue/Vent	37.28	8.63
23 51 16 00-0510 EA 5" Support Clamp For Polypropylene Flue/Vent	44.96	8.98
23 51 16 00-0511 EA 3" Plastic Support Clamp For Polypropylene Flue/Vent	29.05	8.32
23 51 16 00-0512 EA 2" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	59.20	21.09
23 51 16 00-0513 EA 3" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	64.96	22.20
23 51 16 00-0514 EA 4" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	69.68	23.01
23 51 16 00-0515 EA 5" Polypropylene-UV Black Wall Plate For Polypropylene Flue/Vent	77.29	23.96
23 51 16 00-0516 EA 2" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.12	
23 51 16 00-0517 EA 3" Single Wall EDPM Gasket For Polypropylene Flue/Vent	4.61	
23 51 16 00-0518 EA 4" Single Wall EDPM Gasket For Polypropylene Flue/Vent	6.24	
23 51 16 00-0519 EA 5" Single Wall EDPM Gasket For Polypropylene Flue/Vent	10.32	
23 51 16 00-0520 EA 2" Connector Ring For Polypropylene Flue/Vent	17.62	5.28
23 51 16 00-0521 EA 3" Connector Ring For Polypropylene Flue/Vent	19.82	5.56
23 51 16 00-0522 EA 4" Connector Ring For Polypropylene Flue/Vent	21.27	5.75
23 51 16 00-0523 EA 5" Connector Ring For Polypropylene Flue/Vent	23.41	5.99
23 51 16 00-0524 EA 2"/4" Polypropylene Flue/Vent Air Intake, White	83.79	10.55
23 51 16 00-0525 EA 3"/5" Polypropylene Flue/Vent Air Intake, White	85.99	11.10
23 51 16 00-0526 EA 4"/6" Polypropylene Flue/Vent Air Intake, White	64.83	11.51
23 51 16 00-0527 EA 2" Base Support For Polypropylene Flue/Vent	72.48	7.92
23 51 16 00-0528 EA 3" Base Support For Polypropylene Flue/Vent	74.81	8.32
23 51 16 00-0529 EA 4" Base Support For Polypropylene Flue/Vent	99.69	8.63
23 51 16 00-0530 EA 5" Base Support For Polypropylene Flue/Vent	167.30	8.98
23 51 16 00-0531 Polypropylene Flue/Vent Flex Pipe (23 51 16 00-0372)		
23 51 16 00-0532 LF 2", Up To 50', Polypropylene Flue/Vent Flex Pipe	13.20	1.85
23 51 16 00-0533 LF 2", > 50', Polypropylene Flue/Vent Flex Pipe	11.49	1.85
23 51 16 00-0534 LF 3", Up To 50', Polypropylene Flue/Vent Flex Pipe	16.20	2.19
23 51 16 00-0535 LF 3", > 50', Polypropylene Flue/Vent Flex Pipe	14.05	2.19
23 51 16 00-0536 LF 4", Up To 50', Polypropylene Flue/Vent Flex Pipe	23.24	2.70
23 51 16 00-0537 LF 4", > 50', Polypropylene Flue/Vent Flex Pipe	19.93	2.70
23 51 16 00-0538 Polypropylene Flue/Vent Couplers (23 51 16 00-0372)		
Note: Gasketed rigid single wall polypropylene vent fittings with dedicated male and female ends.		
23 51 16 00-0539 EA 2" Polypropylene Flue/Vent Coupler, Single Wall to Flex	95.29	21.09
23 51 16 00-0540 EA 2" Polypropylene Flue/Vent Coupler, Flex to Single Wall	106.02	21.09
23 51 16 00-0541 EA 3" Polypropylene Flue/Vent Coupler, Flex to Single Wall	210.00	22.20
23 51 16 00-0542 EA 4" Polypropylene Flue/Vent Coupler, Flex to Single Wall	378.70	23.01
23 51 16 00-0543 EA 2" Polypropylene Flue/Vent Coupler, Flex to Flex	109.18	21.09
23 51 16 00-0544 EA 3" Polypropylene Flue/Vent Coupler, Flex to Flex	249.18	22.20
23 51 16 00-0545 EA 4" Polypropylene Flue/Vent Coupler, Flex to Flex	635.64	23.01

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 51 16 00-0546	Polypropylene Flue/Vent Flex End Terminations (23 51 16 00-0372)					
23 51 16 00-0547	EA			2" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	123.41	21.09
23 51 16 00-0548	EA			3" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	114.79	22.20
23 51 16 00-0549	EA			4" Polypropylene-UV Black Flue/Vent Flex End Pipe Termination	140.70	23.01

23 51 16 00-0550	Aluminum Flue/Vent Fittings (23 51 16)					
23 51 16 00-0551	Aluminum Vent Top Caps (23 51 16 00-0550)					
23 51 16 00-0552	EA			3" Aluminum Vent Cap (Star-Kap® 3-SK)	117.67	20.91
23 51 16 00-0553	EA			4" Aluminum Vent Cap (Star-Kap® 4-SK)	125.07	20.49
23 51 16 00-0554	EA			5" Aluminum Vent Cap (Star-Kap® 5-SK)	135.46	21.47
23 51 16 00-0555	EA			6" Aluminum Vent Cap (Star-Kap® 6-SK)	187.18	22.45
23 51 16 00-0556	EA			8" Aluminum Vent Cap (Star-Kap® 8-SK)	209.31	24.98
23 51 16 00-0557	EA			10" Aluminum Vent Cap (Star-Kap® 10-SK)	586.87	26.38
23 51 16 00-0558	EA			12" Aluminum Vent Cap (Star-Kap® 12-SK)	601.70	28.06

23 52 Heating Boilers (23 50)

23 52 13 Electric Boilers (23 52)

23 52 13 00-0001 Packaged Electric Steam Boiler (23 52 13)

Note: Includes burners, standard controls and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Rated by KW and MBH gross rated output.

23 52 13 00-0002	EA			12 KW, 42 MBH Electric Steam Boiler With Packaged Standard Controls	7,942.51	592.53
23 52 13 00-0003	EA			24 KW, 84 MBH Electric Steam Boiler With Packaged Standard Controls	8,574.12	691.29
23 52 13 00-0004	EA			36 KW, 126 MBH Electric Steam Boiler With Packaged Standard Controls	9,207.03	740.67
23 52 13 00-0005	EA			48 KW, 168 MBH Electric Steam Boiler With Packaged Standard Controls	10,254.20	790.05
23 52 13 00-0006	EA			60 KW, 210 MBH Electric Steam Boiler With Packaged Standard Controls	11,276.02	839.43
23 52 13 00-0007	EA			80 KW, 280 MBH Electric Steam Boiler With Packaged Standard Controls	13,166.78	938.18
23 52 13 00-0008	EA			100 KW, 350 MBH Electric Steam Boiler With Packaged Standard Controls	15,057.63	1,036.94
23 52 13 00-0009	EA			120 KW, 420 MBH Electric Steam Boiler With Packaged Standard Controls	15,664.58	1,086.32
23 52 13 00-0010	EA			140 KW, 490 MBH Electric Steam Boiler With Packaged Standard Controls	16,485.30	1,135.70
23 52 13 00-0011	EA			160 KW, 560 MBH Electric Steam Boiler With Packaged Standard Controls	21,581.16	1,234.45
23 52 13 00-0012	EA			180 KW, 630 MBH Electric Steam Boiler With Packaged Standard Controls	22,493.66	1,283.82
23 52 13 00-0013	EA			200 KW, 700 MBH Electric Steam Boiler With Packaged Standard Controls	23,714.86	1,432.43
23 52 13 00-0014	EA			220 KW, 770 MBH Electric Steam Boiler With Packaged Standard Controls	24,702.18	1,538.54
23 52 13 00-0015	EA			240 KW, 840 MBH Electric Steam Boiler With Packaged Standard Controls	26,652.82	1,644.65
23 52 13 00-0016	EA			260 KW, 910 MBH Electric Steam Boiler With Packaged Standard Controls	28,707.11	1,803.80
23 52 13 00-0017	EA			280 KW, 980 MBH Electric Steam Boiler With Packaged Standard Controls	30,523.08	1,856.86
23 52 13 00-0018	EA			300 KW, 1,050 MBH Electric Steam Boiler With Packaged Standard Controls	32,007.92	1,909.92
23 52 13 00-0019	EA			320 KW, 1,120 MBH Electric Steam Boiler With Packaged Standard Controls	33,997.00	1,962.96
23 52 13 00-0020	EA			360 KW, 1,260 MBH Electric Steam Boiler With Packaged Standard Controls	35,986.62	2,016.02
23 52 13 00-0021	EA			400 KW, 1,400 MBH Electric Steam Boiler With Packaged Standard Controls	38,506.29	2,122.13
23 52 13 00-0022	EA			460 KW, 1,610 MBH Electric Steam Boiler With Packaged Standard Controls	41,100.22	2,228.23
23 52 13 00-0023	EA			500 KW, 1,750 MBH Electric Steam Boiler With Packaged Standard Controls	43,641.10	2,281.29
23 52 13 00-0024	EA			600 KW, 2,100 MBH Electric Steam Boiler With Packaged Standard Controls	48,384.68	2,334.34
23 52 13 00-0025	EA			700 KW, 2,450 MBH Electric Steam Boiler With Packaged Standard Controls	52,111.11	2,440.44
23 52 13 00-0026	EA			756 KW, 2,646 MBH Electric Steam Boiler With Packaged Standard Controls	53,370.95	2,546.56
23 52 13 00-0027	EA			828 KW, 2,898 MBH Electric Steam Boiler With Packaged Standard Controls	58,699.45	2,705.71
23 52 13 00-0028	EA			936 KW, 3,276 MBH Electric Steam Boiler With Packaged Standard Controls	60,601.90	2,864.87
23 52 13 00-0029	EA			1,008 KW, 3,528 MBH Electric Steam Boiler With Packaged Standard Controls	62,610.45	3,024.03
23 52 13 00-0030	EA			1,116 KW, 3,906 MBH Electric Steam Boiler With Packaged Standard Controls	66,513.98	3,183.18
23 52 13 00-0031	EA			1,224 KW, 4,284 MBH Electric Steam Boiler With Packaged Standard Controls	68,247.57	3,289.30
23 52 13 00-0032	EA			1,368 KW, 4,788 MBH Electric Steam Boiler With Packaged Standard Controls	70,523.63	3,501.51
23 52 13 00-0033	EA			1,440 KW, 5,040 MBH Electric Steam Boiler With Packaged Standard Controls	72,937.18	3,713.72
23 52 13 00-0034	EA			1,512 KW, 5,292 MBH Electric Steam Boiler With Packaged Standard Controls	79,690.66	3,925.93
23 52 13 00-0035	EA			1,620 KW, 5,670 MBH Electric Steam Boiler With Packaged Standard Controls	84,018.63	4,138.15

23 52 13 00-0036 Packaged Electric Hot Water Boiler (23 52 13)

Note: Flush jacketed steel shell. Includes burners, and safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.). Rated by KW and MBH gross rated output.

23 52 13 00-0037	EA			9 KW, 31 MBH, Electric Hot Boiler With Packaged Standard Controls	6,970.42	543.15
23 52 13 00-0038	EA			12 KW, 41 MBH, Electric Hot Boiler With Packaged Standard Controls	7,344.76	592.53
23 52 13 00-0039	EA			18 KW, 61 MBH, Electric Hot Boiler With Packaged Standard Controls	7,719.10	641.91
23 52 13 00-0040	EA			24 KW, 82 MBH, Electric Hot Boiler With Packaged Standard Controls	8,081.06	691.29
23 52 13 00-0041	EA			36 KW, 123 MBH, Electric Hot Boiler With Packaged Standard Controls	8,497.99	740.67
23 52 13 00-0042	EA			48 KW, 164 MBH, Electric Hot Boiler With Packaged Standard Controls	8,806.82	790.05
23 52 13 00-0043	EA			60 KW, 205 MBH Electric Hot Boiler With Packaged Standard Controls	9,181.16	839.43
23 52 13 00-0044	EA			72 KW, 246 MBH Electric Hot Boiler With Packaged Standard Controls	9,742.68	888.81
23 52 13 00-0045	EA			84 KW, 287 MBH Electric Hot Boiler With Packaged Standard Controls	10,231.05	938.18
23 52 13 00-0046	EA			90 KW, 307 MBH Electric Hot Boiler With Packaged Standard Controls	10,530.52	987.56
23 52 13 00-0047	EA			105 KW, 358 MBH Electric Hot Boiler With Packaged Standard Controls	11,307.51	1,036.94
23 52 13 00-0048	EA			120 KW, 409 MBH Electric Hot Boiler With Packaged Standard Controls	12,038.82	1,086.32
23 52 13 00-0049	EA			135 KW, 461 MBH Electric Hot Boiler With Packaged Standard Controls	13,360.95	1,135.70
23 52 13 00-0050	EA			150 KW, 512 MBH Electric Hot Boiler With Packaged Standard Controls	14,221.47	1,185.08
23 52 13 00-0051	EA			165 KW, 563 MBH Electric Hot Boiler With Packaged Standard Controls	14,946.48	1,234.45

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 13 00-0052 EA 180 KW, 614 MBH Electric Hot Boiler With Packaged Standard Controls.....	16,231.18	1,283.82
23 52 13 00-0053 EA 195 KW, 665 MBH Electric Hot Boiler With Packaged Standard Controls.....	17,826.60	1,432.43
23 52 13 00-0054 EA 225 KW, 768 MBH Electric Hot Boiler With Packaged Standard Controls.....	19,168.02	1,538.54
23 52 13 00-0055 EA 240 KW, 819 MBH Electric Hot Boiler With Packaged Standard Controls.....	20,624.91	1,644.65
23 52 13 00-0056 EA 270 KW, 921 MBH Electric Hot Boiler With Packaged Standard Controls.....	22,072.45	1,803.80
23 52 13 00-0057 EA 300 KW, 1,024 MBH Electric Hot Boiler With Packaged Standard Controls.....	23,529.34	1,909.92
23 52 13 00-0058 EA 330 KW, 1,126 MBH Electric Hot Boiler With Packaged Standard Controls.....	24,883.36	2,016.02
23 52 13 00-0059 EA 360 KW, 1,228 MBH Electric Hot Boiler With Packaged Standard Controls.....	26,767.91	2,069.07
23 52 13 00-0060 EA 390 KW, 1,331 MBH Electric Hot Boiler With Packaged Standard Controls.....	28,527.43	2,122.13
23 52 13 00-0061 EA 420 KW, 1,433 MBH Electric Hot Boiler With Packaged Standard Controls.....	30,212.10	2,228.23
23 52 13 00-0062 EA 450 KW, 1,535 MBH Electric Hot Boiler With Packaged Standard Controls.....	31,982.25	2,228.23
23 52 13 00-0063 EA 504 KW, 1,720 MBH Electric Hot Boiler With Packaged Standard Controls.....	35,043.61	2,281.29
23 52 13 00-0064 EA 612 KW, 2,088 MBH Electric Hot Boiler With Packaged Standard Controls.....	36,673.71	2,334.34
23 52 13 00-0065 EA 684 KW, 2,334 MBH Electric Hot Boiler With Packaged Standard Controls.....	38,716.47	2,440.44
23 52 13 00-0066 EA 720 KW, 2,457 MBH Electric Hot Boiler With Packaged Standard Controls.....	40,273.13	2,493.50
23 52 13 00-0067 EA 750 KW, 2,559 MBH Electric Hot Boiler With Packaged Standard Controls.....	41,835.22	2,546.56
23 52 13 00-0068 EA 810 KW, 2,764 MBH Electric Hot Boiler With Packaged Standard Controls.....	43,000.26	2,705.71
23 52 13 00-0069 EA 900 KW, 3,071 MBH Electric Hot Boiler With Packaged Standard Controls.....	45,113.35	2,864.87
23 52 13 00-0070 EA 1,020 KW, 3,480 MBH Electric Hot Boiler With Packaged Standard Controls.....	52,530.13	3,024.03
23 52 13 00-0071 EA 1,110 KW, 3,787 MBH Electric Hot Boiler With Packaged Standard Controls.....	57,643.13	3,183.18
23 52 13 00-0072 EA 1,200 KW, 4,094 MBH Electric Hot Boiler With Packaged Standard Controls.....	59,892.36	3,289.30
23 52 13 00-0073 EA 1350 KW, 4,606 MBH Electric Hot Boiler With Packaged Standard Controls.....	62,391.15	3,501.51
23 52 13 00-0074 EA 1,440 KW, 4,913 MBH Electric Hot Boiler With Packaged Standard Controls.....	64,889.93	3,713.72
23 52 13 00-0075 EA 1,560 KW, 5,323 MBH Electric Hot Boiler With Packaged Standard Controls.....	71,946.37	3,925.93
23 52 13 00-0076 EA 1,680 KW, 5,732 MBH Electric Hot Boiler With Packaged Standard Controls.....	76,488.53	4,138.15
23 52 13 00-0077 EA 1,740 KW, 5,937 MBH Electric Hot Boiler With Packaged Standard Controls.....	78,425.81	4,244.25
23 52 13 00-0078 EA 1,800 KW, 6,142 MBH Electric Hot Boiler With Packaged Standard Controls.....	80,363.08	4,350.36
23 52 13 00-0079 EA 1,980 KW, 6,756 MBH Electric Hot Boiler With Packaged Standard Controls.....	80,787.51	4,509.52
23 52 13 00-0080 EA 2,100 KW, 7,165 MBH Electric Hot Boiler With Packaged Standard Controls.....	86,745.96	4,615.62
23 52 13 00-0081 EA 2,220 KW, 7,575 MBH Electric Hot Boiler With Packaged Standard Controls.....	90,726.62	4,774.79
23 52 13 00-0082 EA 2,600 KW, 8,871 MBH Electric Hot Boiler With Packaged Standard Controls.....	97,402.78	5,093.10
23 52 13 00-0083 EA 2,960 KW, 10,100 MBH Electric Hot Boiler With Packaged Standard Controls.....	104,940.31	5,623.64
23 52 13 00-0084 EA 3,240 KW, 11,055 MBH Electric Hot Boiler With Packaged Standard Controls.....	113,594.94	6,260.27
23 52 13 00-0085 EA 3,360 KW, 11,464 MBH Electric Hot Boiler With Packaged Standard Controls.....	120,271.11	6,896.91

23 52 16 Condensing Boilers (23 52)**23 52 16 13 Stainless-Steel Condensing Boilers (23 52 16)****23 52 16 13-0001 Hamilton Evo Series Stainless Steel Condensing Boilers (23 52 16 13)**

Note: Includes circulating pump, mounting rack, disconnect panel, plumbing and gas manifold, manual reset high limit and LWCO (Cal Code). Rated by gross rated output.

23 52 16 13-0002 EA 75 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW79).....	12,379.93	395.03
23 52 16 13-0003 EA 127 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW129).....	13,052.71	526.17
23 52 16 13-0004 EA 168 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW179).....	13,909.49	592.44
23 52 16 13-0005 EA 187 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW199.1).....	14,745.74	625.42
23 52 16 13-0006 EA 281 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW299).....	19,497.27	724.18
23 52 16 13-0007 EA 374 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW399).....	22,584.09	789.95
23 52 16 13-0008 EA 589 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW599).....	30,558.35	921.59
23 52 16 13-0009 EA 785 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW798).....	42,556.87	1,053.34
Note: Includes vent manifold.		
23 52 16 13-0010 EA 980 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW998).....	52,089.34	1,152.08
Note: Includes vent manifold.		
23 52 16 13-0011 EA 1,425 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1499).....	75,311.02	1,349.50
23 52 16 13-0012 EA 1,900 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Hamilton Evo HW1999).....	83,006.15	1,448.26

23 52 16 13-0013 Buderus SB615 Stainless Steel Condensing Boilers (23 52 16 13)

Note: Includes Riello burners. Rated by gross rated output.

23 52 16 13-0014 EA 484 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/145).....	38,251.42	855.82
23 52 16 13-0015 EA 612 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/185).....	40,101.10	921.59
23 52 16 13-0016 EA 791 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/240).....	44,678.39	1,053.34
23 52 16 13-0017 EA 1,022 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/310).....	48,377.76	1,184.97
23 52 16 13-0018 EA 1,317 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/400).....	53,814.10	1,283.73
23 52 16 13-0019 EA 1,459 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/510).....	61,560.84	1,349.50
23 52 16 13-0020 EA 2,104 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB615/640).....	73,666.33	1,448.26

23 52 16 13-0021 Buderus SB735 Stainless Steel Condensing Boilers (23 52 16 13)

Note: Includes Riello burners. Rated by gross rated output.

23 52 16 13-0022 EA 2,650 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/790).....	77,530.63	1,579.90
23 52 16 13-0023 EA 3,251 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/970).....	89,859.86	1,645.77
23 52 16 13-0024 EA 4,079 MBH Water, Gas Fired, Stainless Steel Condensing Boiler (Buderus SB735/1200).....	104,204.66	1,711.64

23 52 16 13-0025 Laars Neotherm Stainless Steel Condensing Boiler (23 52 16 13)

Note: Compliant with SCAQMD. Rated by gross rated input.

23 52 16 13-0026 EA 80 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH080).....	7,859.57	427.91
23 52 16 13-0027 EA 105 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH105).....	8,970.82	493.78
23 52 16 13-0028 EA 150 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH150).....	10,043.27	592.44
23 52 16 13-0029 EA 210 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH210).....	11,185.38	658.31
23 52 16 13-0030 EA 285 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH285).....	14,093.33	724.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0031 EA 399 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH399)	18,444.44	789.95
23 52 16 13-0032 EA 500 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH500)	22,178.31	855.82
23 52 16 13-0033 EA 600 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH600)	24,626.22	921.59
23 52 16 13-0034 EA 750 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH750)	26,752.64	987.46
23 52 16 13-0035 EA 850 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH850)	29,076.59	1,119.10
23 52 16 13-0036 EA 1,000 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1000)	41,461.59	1,184.97
23 52 16 13-0037 EA 1,700 MBH, Gas Fired, Stainless Steel, Condensing Boiler (Laars Neotherm NTH1700)	55,159.31	1,382.48
23 52 16 13-0038 EA 150 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV150)	18,326.78	592.44
23 52 16 13-0039 EA 199 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV199)	21,321.33	790.05
23 52 16 13-0040 EA 285 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV285)	27,954.61	888.81
23 52 16 13-0041 EA 399 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV399)	35,113.69	1,086.32
23 52 16 13-0042 EA 500 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV500)	41,517.49	1,185.08
23 52 16 13-0043 EA 600 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV600)	46,966.48	1,283.82
23 52 16 13-0044 EA 750 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV750)	56,429.22	1,382.58
23 52 16 13-0045 EA 850 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV850)	62,554.53	1,481.34
23 52 16 13-0046 EA 1,000 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1000)	82,384.50	1,580.10
23 52 16 13-0047 EA 1,700 MBH Gas Fired Condensing Volume Water Heater (Laars Neotherm NTV1700)	110,761.89	2,073.87
23 52 16 13-0048 AERCO Benchmark Stainless-Steel Condensing Boilers (23 52 16 13)		
Note: Rated by gross rated output.		
23 52 16 13-0049 EA 1,500 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK1.5LN)	63,833.04	1,349.50
Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0050 EA 2,000 MBH Water, 120 Volt, 1 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK2.0LN)	75,985.41	1,448.26
Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0051 EA 3,000 MBH Water, 220 Volt, 1 Phase, 230 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	109,977.92	1,612.88
Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0052 EA 3,000 MBH Water, 480 Volt, 3 Phase, Gas Fired, Stainless Steel Condensing Boiler (AERCO BMK3000)	117,341.49	1,612.88
Note: Includes gas PRV and pump delay relay.		
23 52 16 13-0053 Lochinvar Knight Stainless Steel Condensing Boilers (23 52 16 13)		
Note: Rated by gross rated output.		
23 52 16 13-0054 EA 184 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KBN211)	10,895.45	592.44
23 52 16 13-0055 EA 264 MBH 95% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight KHB285N)	14,113.88	658.31
23 52 16 13-0056 Lochinvar Knight XL Stainless Steel Condensing Boilers (23 52 16 13)		
Note: Rated by gross rated output.		
23 52 16 13-0057 EA 387 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0400N)	16,027.29	757.06
23 52 16 13-0058 EA 485 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0500N)	20,003.79	789.95
23 52 16 13-0059 EA 631 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0650N)	24,566.39	855.82
23 52 16 13-0060 EA 776 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX0800N)	29,479.62	888.71
23 52 16 13-0061 EA 969 MBH 97% Efficient, Gas Fired, Stainless Steel Heat Exchanger, Condensing Boiler (Lochinvar Knight XL KBX1000N)	36,068.27	954.58
23 52 16 13-0062 Lochinvar Crest Stainless Steel Condensing Boilers (23 52 16 13)		
Note: Rated by gross rated output.		
23 52 16 13-0063 EA 1,203 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1251)	45,728.80	1,118.90
23 52 16 13-0064 EA 1,443 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1501)	47,177.90	1,283.73
23 52 16 13-0065 EA 1,684 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN1751)	51,726.45	1,365.80
23 52 16 13-0066 EA 1,923 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2001)	56,274.99	1,448.26
23 52 16 13-0067 EA 2,400 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN2501)	66,057.16	1,514.13
23 52 16 13-0068 EA 2,883 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3001)	73,202.78	1,579.90
23 52 16 13-0069 EA 3,364 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN3501)	89,995.41	1,645.77
23 52 16 13-0070 EA 3,843 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN4001)	99,455.85	1,711.54
23 52 16 13-0071 EA 4,804 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Lochinvar Crest FBN5001)	122,080.65	1,777.32
23 52 16 13-0072 Patterson Kelley Stainless Steel Condensing Boilers (23 52 16 13)		
23 52 16 13-0073 Patterson Kelley Stainless Steel Condensing Boilers, SOLIS® Series (23 52 16 13-0072)		
23 52 16 13-0074 EA 1,500 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-1500)	47,006.26	1,349.50
23 52 16 13-0075 EA 3,000 MBH 96% Efficient, Gas Fired, Stainless Steel Firetube, Condensing Boiler (Patterson-Kelley SOLIS® SL-3000)	72,469.72	1,612.88
23 52 16 13-0076 Patterson Kelley Stainless Steel Condensing Boilers, SONIC® Series (23 52 16 13-0072)		
23 52 16 13-0077 EA 650 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-650 SCD-650)	24,391.70	954.58
23 52 16 13-0078 EA 1,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-1000 SCD-1000)	29,309.92	1,184.97
23 52 16 13-0079 EA 2,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-2000)	49,956.65	1,448.26

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 13-0080 EA 4,000 MBH 97% Efficient, Gas Fired, Dual Fuel, Stainless Steel Condensing Boiler (Patterson-Kelley SONIC® SC-4000).....	86,134.84	1,711.64
23 52 16 13-0081 Patterson Kelley Stainless Steel Condensing Boilers, STORM® Series (23 52 16 13-0072)		
23 52 16 13-0082 EA 1,250 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST1250).....	35,798.66	1,250.74
23 52 16 13-0083 EA 2,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST2000).....	59,196.88	1,448.26
23 52 16 13-0084 EA 4,000 MBH 97% Efficient, Gas Fired, Stainless Steel Condensing Boiler (Patterson-Kelley STORM® ST4000).....	88,100.84	1,711.64
23 52 16 16 Aluminum Condensing Boilers (23 52 16)		
23 52 16 16-0001 Weil McLain Aluminum Condensing Boilers (23 52 16 16)		
Note: Rated by gross rated output.		
23 52 16 16-0002 EA 80 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	8,725.91	427.91
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0003 EA 105 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	9,601.01	493.78
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0004 EA 155 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	10,800.72	592.44
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0005 EA 230 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	12,127.53	658.31
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0006 EA 310 MBH Water Gas Fired Condensing Boiler (Weil McLain Ultra 80).....	15,811.70	757.06
Note: Aluminum block with stainless steel burner. Includes boiler inline circulating pump.		
23 52 16 16-0007 Patterson Kelley Mach Series Aluminum Condensing Boilers (23 52 16 16)		
Note: Rated by gross rated output.		
23 52 16 16-0008 EA 300 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach CM300).....	15,855.71	724.18
23 52 16 16-0009 EA 450 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C450).....	17,829.91	822.93
23 52 16 16-0010 EA 750 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C750).....	20,223.07	987.46
23 52 16 16-0011 EA 900 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C900).....	29,857.09	1,119.10
23 52 16 16-0012 EA 1,050 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1050).....	31,194.36	1,184.97
23 52 16 16-0013 EA 1,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C1500).....	48,249.35	1,349.50
23 52 16 16-0014 EA 2,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2000).....	52,243.85	1,448.26
23 52 16 16-0015 EA 2,500 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C2500).....	76,743.91	1,579.90
23 52 16 16-0016 EA 3,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C3000).....	89,160.99	1,612.88
23 52 16 16-0017 EA 4,000 MBH Water, Gas Fired, Aluminum Condensing Boiler (Patterson Kelley Mach C4000).....	101,493.26	1,711.64
23 52 16 16-0018 Buderus GB142 Wall Hung Aluminum Condensing Boilers (23 52 16 16)		
Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0019 EA 75 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/24).....	6,709.94	395.03
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0020 EA 95 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/30).....	7,791.53	460.79
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0021 EA 143 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/45).....	8,968.96	559.55
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0022 EA 193 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB142/60).....	9,811.19	625.42
Note: Includes an aluminum heat exchanger and three speed circulating pump.		
23 52 16 16-0023 EA Optional Vertical Or Horizontal 3" Concentric Termination Kit For GB142 (Buderus 60L46).....	319.40	98.76
23 52 16 16-0024 EA Optional Stainless Steel Concentric Hood For GB142 (Buderus SJT3).....	420.74	98.76
23 52 16 16-0025 EA Optional GB Floor Stand For GB142 (Buderus 7098265).....	908.31	98.76
23 52 16 16-0026 Buderus GB162 Wall Hung Aluminum Condensing Boilers (23 52 16 16)		
Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0027 EA 290 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/80).....	11,081.83	724.18
Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0028 EA 333 MBH Water, Gas Fired, Wall Hung Aluminum Condensing Boiler (Buderus GB162/100).....	13,740.70	757.06
Note: Includes an aluminum heat exchanger, connection pump module, low loss header, outdoor reset module, outdoor temperature sensor, and 1-1/2" unions.		
23 52 16 16-0029 EA 580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/80-TL2).....	26,824.86	888.71
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0030 EA 580 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/80-TR2).....	25,038.80	888.71
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0031 EA 666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Two Boilers) (Buderus GB162/100-TL2).....	32,142.59	954.58
Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		
23 52 16 16-0032 EA 666 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Two Boilers) (Buderus GB162/100-TR2).....	30,356.53	954.58
Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 16 16-0033 EA 870 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/80-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	37,365.06	1,119.10
23 52 16 16-0034 EA 999 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Three Boilers) (Buderus GB162/100-TL3) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	45,242.91	1,184.97
23 52 16 16-0035 EA 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/80-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	46,487.06	1,250.74
23 52 16 16-0036 EA 1,160 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/80-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	47,202.38	1,250.74
23 52 16 16-0037 EA 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler In Line Cascade Package (Four Boilers) (Buderus GB162/100-TL4) Note: Includes an aluminum heat exchangers, connection pump module, inline cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	56,826.26	1,283.73
23 52 16 16-0038 EA 1,332 MBH Water, Gas Fired, Frame Mounted Aluminum Condensing Boiler Back To Back Cascade Package (Four Boilers) (Buderus GB162/100-TR4) Note: Includes an aluminum heat exchangers, connection pump module, back to back cascade package (stand), RC35 controller, outdoor temperature sensor, MCM10 intelligent sequencing module, WM10 low loss header module and insulation package.	57,541.59	1,283.73
23 52 16 16-0039 EA EMS Control Module For Condensing Boiler (Buderus RC35)	752.34	98.76
23 52 16 16-0040 Buderus GB312 Aluminum Condensing Boilers <small>(23 52 16 16)</small> Note: Includes standard controls. Rated by gross rated output.		
23 52 16 16-0041 EA 305 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/90)..... Note: Includes an aluminum heat exchanger.	16,025.16	724.18
23 52 16 16-0042 EA 409 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/120)..... Note: Includes an aluminum heat exchanger.	18,712.86	789.95
23 52 16 16-0043 EA 544 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/160)..... Note: Includes an aluminum heat exchanger.	23,500.48	872.22
23 52 16 16-0044 EA 676 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/200)..... Note: Includes an aluminum heat exchanger.	27,037.01	954.58
23 52 16 16-0045 EA 810 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/240)..... Note: Includes an aluminum heat exchanger.	32,385.25	1,053.34
23 52 16 16-0046 EA 944 MBH Water, Gas Fired, Aluminum Condensing Boiler (Buderus GB312/280)..... Note: Includes an aluminum heat exchanger.	35,765.57	1,152.08
23 52 16 16-0047 EA Optional CSD-1 Kit Consisting Of High And Low Gas Pressure Switches For GB312 (Buderus 7747019985).....	484.27	49.38
23 52 16 16-0048 EA Optional L4006E1125 Manual Reset Aquastat For GB312 (Buderus L4006E1125)	260.31	49.38
23 52 16 16-0049 EA Optional Hydrolevel 550 low Water Cut-Off For GB312 (Buderus 550)	373.39	49.38
23 52 16 16-0050 EA Optional Condensate Neutralization Tank For GB312 (Buderus 63035899)	793.41	49.38
23 52 16 19 Copper Water-Tube Condensing Boilers <small>(23 52 16 19)</small>		
23 52 16 19-0001 Laars Rheos+ Copper Fin Tube Condensing Boilers <small>(23 52 16 19)</small> Note: Rated by gross rated output.		
23 52 16 19-0002 EA 1,200 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	45,235.78	1,250.74
23 52 16 19-0003 EA 1,600 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	51,015.12	1,382.48
23 52 16 19-0004 EA 2,000 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	55,849.89	1,448.26
23 52 16 19-0005 EA 2,400 MBH Water, Gas Fired, Copper Fin Tube Condensing Boiler (Laars Rheos+).....	60,288.76	1,514.13
23 52 16 23 Cast Iron Condensing Boilers <small>(23 52 16 23)</small>		
23 52 16 23-0001 Hydrotherm KN Cast Iron Condensing Boilers <small>(23 52 16 23)</small> Note: Rated by gross rated output.		
23 52 16 23-0002 EA 199 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-2).....	15,851.98	625.42
23 52 16 23-0003 EA 399 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-4).....	23,251.34	789.95
23 52 16 23-0004 EA 600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-6).....	38,369.05	921.59
23 52 16 23-0005 EA 1,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-10).....	50,373.10	1,184.97
23 52 16 23-0006 EA 1,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-16).....	85,675.10	1,382.48
23 52 16 23-0007 EA 1,999 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-20).....	73,353.32	1,448.26
23 52 16 23-0008 EA 2,600 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-26).....	119,406.76	1,579.90
23 52 16 23-0009 EA 3,000 MBH Water, Gas Fired, Cast Iron Condensing Boiler (Hydrotherm KN-30).....	130,671.54	1,612.88
23 52 23 Cast-Iron Boilers <small>(23 52)</small>		
23 52 23 00-0001 Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23)</small> Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0002 Gas Fired Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
23 52 23 00-0003	EA	209 MBH Steam, 242 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 380)..... Note: Includes field assembly of individual sections and testing.	15,980.68	3,044.59
23 52 23 00-0004	EA	297 MBH Steam, 344 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 480)..... Note: Includes field assembly of individual sections and testing.	17,500.20	3,247.56
23 52 23 00-0005	EA	386 MBH Steam, 448 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 580)..... Note: Includes field assembly of individual sections and testing.	19,165.45	3,450.53
23 52 23 00-0006	EA	476 MBH Steam, 551 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 680)..... Note: Includes field assembly of individual sections and testing.	20,712.47	3,653.50
23 52 23 00-0007	EA	565 MBH Steam, 655 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 780)..... Note: Includes field assembly of individual sections and testing.	22,139.49	3,856.47
23 52 23 00-0008	EA	654 MBH Steam, 758 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 880)..... Note: Includes field assembly of individual sections and testing.	24,101.19	4,059.44
23 52 23 00-0009	EA	743 MBH Steam, 862 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 980)..... Note: Includes field assembly of individual sections and testing.	25,612.28	4,262.42
23 52 23 00-0010	EA	833 MBH Steam, 965 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1080)..... Note: Includes field assembly of individual sections and testing.	26,807.27	4,465.39
23 52 23 00-0011	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1180)..... Note: Includes field assembly of individual sections and testing.	27,997.79	4,668.37
23 52 23 00-0012	EA	1,018 MBH Steam, 1,172 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1280)..... Note: Includes field assembly of individual sections and testing.	29,375.98	4,871.34
23 52 23 00-0013		Gas Fired Package Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small>		
23 52 23 00-0014	EA	209 MBH Steam, 242 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 380)..... Note: Fire tested factory assembled package unit.	11,692.23	424.43
23 52 23 00-0015	EA	297 MBH Steam, 344 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 480)..... Note: Fire tested factory assembled package unit.	13,007.16	424.43
23 52 23 00-0016	EA	386 MBH Steam, 448 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 580)..... Note: Fire tested factory assembled package unit.	14,894.73	530.53
23 52 23 00-0017	EA	476 MBH Steam, 551 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 680)..... Note: Fire tested factory assembled package unit.	16,235.49	530.53
23 52 23 00-0018	EA	565 MBH Steam, 655 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 780)..... Note: Fire tested factory assembled package unit.	17,885.10	636.64
23 52 23 00-0019	EA	654 MBH Steam, 758 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 880)..... Note: Fire tested factory assembled package unit.	19,658.28	636.64
23 52 23 00-0020	EA	743 MBH Steam, 862 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 980)..... Note: Fire tested factory assembled package unit.	21,389.47	742.74
23 52 23 00-0021	EA	833 MBH Steam, 965 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1080)..... Note: Fire tested factory assembled package unit.	22,805.19	848.85
23 52 23 00-0022	EA	922 MBH Steam, 1,069 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1180)..... Note: Fire tested factory assembled package unit.	23,793.76	848.85
23 52 23 00-0023	EA	1018 MBH Steam, 1172 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1280)..... Note: Fire tested factory assembled package unit.	25,390.33	954.95
23 52 23 00-0024		Gas/Oil Fired Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0025	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 380)..... Note: Includes field assembly of individual sections and testing.	16,748.97	3,044.59
23 52 23 00-0026	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	18,405.83	3,247.56
23 52 23 00-0027	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	19,988.13	3,450.53
23 52 23 00-0028	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	21,758.15	3,653.50
23 52 23 00-0029	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	23,213.73	3,856.47
23 52 23 00-0030	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	25,349.48	4,059.44
23 52 23 00-0031	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	26,683.81	4,262.42
23 52 23 00-0032	EA	833 MBH Steam, 965 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	27,980.78	4,465.39
23 52 23 00-0033	EA	922 MBH Steam, 1069 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	29,172.66	4,668.37
23 52 23 00-0034	EA	1,018 MBH Steam, 1172 MBH Water Gas/Oil Fired Cast Iron Boiler..... Note: Weil-McLain Model 80. Includes field assembly of individual sections and testing.	30,587.56	4,871.34
23 52 23 00-0035		Gas/Oil Fired Package Weil-McLain Model 80 Cast Iron Boiler <small>(23 52 23 00-0001)</small>		
23 52 23 00-0036	EA	209 MBH Steam, 242 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 380)..... Note: Fire tested factory assembled package cast iron unit.	12,460.52	424.43
23 52 23 00-0037	EA	297 MBH Steam, 344 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 480)..... Note: Fire tested factory assembled package cast iron unit.	13,912.78	424.43
23 52 23 00-0038	EA	386 MBH Steam, 448 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 580)..... Note: Fire tested factory assembled package cast iron unit.	15,717.41	530.53
23 52 23 00-0039	EA	476 MBH Steam, 551 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 680)..... Note: Fire tested factory assembled package cast iron unit.	17,281.18	530.53
23 52 23 00-0040	EA	565 MBH Steam, 655 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 780)..... Note: Fire tested factory assembled package cast iron unit.	18,959.35	636.64
23 52 23 00-0041	EA	654 MBH Steam, 758 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 880)..... Note: Fire tested factory assembled package cast iron unit.	20,906.58	636.64
23 52 23 00-0042	EA	743 MBH Steam, 862 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 980)..... Note: Fire tested factory assembled package cast iron unit.	22,460.99	742.74

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0043 EA 833 MBH Steam, 965 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1080) Note: Fire tested factory assembled package cast iron unit.	23,978.69	848.85
23 52 23 00-0044 EA 922 MBH Steam, 1,069 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1180) Note: Fire tested factory assembled package cast iron unit.	24,968.63	848.85
23 52 23 00-0045 EA 1,018 MBH Steam, 1,172 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1280) Note: Fire tested factory assembled package cast iron unit.	26,601.91	954.95
23 52 23 00-0046 Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23)</small> Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0047 Gas Fired Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0048 EA 629 MBH Steam, 730 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 488)..... Note: Includes field assembly of individual sections and testing.	26,158.69	4,566.88
23 52 23 00-0049 EA 845 MBH Steam, 979 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 588)..... Note: Includes field assembly of individual sections and testing.	28,931.99	4,845.96
23 52 23 00-0050 EA 1072 MBH Steam, 1229 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 688)..... Note: Includes field assembly of individual sections and testing.	32,371.67	5,125.05
23 52 23 00-0051 EA 1,311 MBH Steam, 1,478 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 788)..... Note: Includes field assembly of individual sections and testing.	35,398.90	5,404.14
23 52 23 00-0052 EA 1,543 MBH Steam, 1,728 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 888)..... Note: Includes field assembly of individual sections and testing.	38,027.14	5,683.22
23 52 23 00-0053 EA 1,766 MBH Steam, 1,977 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 988)..... Note: Includes field assembly of individual sections and testing.	41,849.11	5,962.31
23 52 23 00-0054 EA 1,988 MBH Steam, 2,227 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1088)..... Note: Includes field assembly of individual sections and testing.	44,502.39	6,241.40
23 52 23 00-0055 EA 2,211 MBH Steam, 2,477 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1188)..... Note: Includes field assembly of individual sections and testing.	46,846.29	6,520.48
23 52 23 00-0056 EA 2,434 MBH Steam, 2,726 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1288)..... Note: Includes field assembly of individual sections and testing.	49,985.30	6,799.57
23 52 23 00-0057 EA 2,657 MBH Steam, 2,976 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1388)..... Note: Includes field assembly of individual sections and testing.	52,504.35	7,078.66
23 52 23 00-0058 EA 2,880 MBH Steam, 3,225 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1488)..... Note: Includes field assembly of individual sections and testing.	56,564.43	7,357.74
23 52 23 00-0059 EA 3,102 MBH Steam, 3,475 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1588)..... Note: Includes field assembly of individual sections and testing.	58,959.87	7,636.83
23 52 23 00-0060 EA 3,325 MBH Steam, 3,724 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1688)..... Note: Includes field assembly of individual sections and testing.	61,502.45	7,915.92
23 52 23 00-0061 EA 3,548 MBH Steam, 3,974 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1788)..... Note: Includes field assembly of individual sections and testing.	64,338.76	8,195.00
23 52 23 00-0062 EA 3,771 MBH Steam, 4,223 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain 1888)..... Note: Includes field assembly of individual sections and testing.	66,641.08	8,474.09
23 52 23 00-0063 Gas Fired Package Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small>		
23 52 23 00-0064 EA 629 MBH Steam, 730 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 488)..... Note: Fire tested factory assembled package unit.	21,408.51	742.74
23 52 23 00-0065 EA 845 MBH Steam, 979 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 588)..... Note: Fire tested factory assembled package unit.	24,280.57	848.85
23 52 23 00-0066 EA 1,072 MBH Steam, 1,229 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 688)..... Note: Fire tested factory assembled package unit.	27,835.25	954.95
23 52 23 00-0067 EA 1,311 MBH Steam, 1,478 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 788)..... Note: Fire tested factory assembled package unit.	30,948.00	1,061.06
23 52 23 00-0068 EA 1,543 MBH Steam, 1,728 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 888)..... Note: Fire tested factory assembled package unit.	33,248.78	1,061.06
23 52 23 00-0069 EA 1,766 MBH Steam, 1,977 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 988)..... Note: Fire tested factory assembled package unit.	37,173.32	1,167.17
23 52 23 00-0070 EA 1,988 MBH Steam, 2,227 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1088)..... Note: Fire tested factory assembled package unit.	39,502.66	1,167.17
23 52 23 00-0071 EA 2,211 MBH Steam, 2,477 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1188)..... Note: Fire tested factory assembled package unit.	41,945.04	1,273.28
23 52 23 00-0072 EA 2,434 MBH Steam, 2,726 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1288)..... Note: Fire tested factory assembled package unit.	44,761.19	1,273.28
23 52 23 00-0073 EA 2,657 MBH Steam, 2,976 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1388)..... Note: Fire tested factory assembled package unit.	47,379.00	1,379.38
23 52 23 00-0074 EA 2,880 MBH Steam, 3,225 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1488)..... Note: Fire tested factory assembled package unit.	49,913.81	1,485.49
23 52 23 00-0075 EA 3,102 MBH Steam, 3,475 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1588)..... Note: Fire tested factory assembled package unit.	51,986.15	1,485.49
23 52 23 00-0076 EA 3,325 MBH Steam, 3,724 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1688)..... Note: Fire tested factory assembled package unit.	54,628.40	1,591.59
23 52 23 00-0077 EA 3,548 MBH Steam, 3,974 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1788)..... Note: Fire tested factory assembled package unit.	57,139.95	1,591.59
23 52 23 00-0078 EA 3,771 MBH Steam, 4,223 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain 1888)..... Note: Fire tested factory assembled package unit.	59,570.03	1,697.70
23 52 23 00-0079 Gas/Oil Fired Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0080 EA 629 MBH Steam, 730 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 488) Note: Includes field assembly of individual sections and testing.	27,105.11	4,566.88
23 52 23 00-0081 EA 845 MBH Steam, 979 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 588) Note: Includes field assembly of individual sections and testing.	29,872.97	4,845.96

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0082	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 688)..... Note: Includes field assembly of individual sections and testing.	33,557.42	5,125.05
23 52 23 00-0083	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 788)..... Note: Includes field assembly of individual sections and testing.	36,704.31	5,404.14
23 52 23 00-0084	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 888)..... Note: Includes field assembly of individual sections and testing.	39,199.28	5,683.22
23 52 23 00-0085	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 988)..... Note: Includes field assembly of individual sections and testing.	42,947.82	5,962.31
23 52 23 00-0086	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1088)..... Note: Includes field assembly of individual sections and testing.	46,151.83	6,241.40
23 52 23 00-0087	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1188)..... Note: Includes field assembly of individual sections and testing.	48,495.72	6,520.48
23 52 23 00-0088	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1288)..... Note: Includes field assembly of individual sections and testing.	51,602.10	6,799.57
23 52 23 00-0089	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1388)..... Note: Includes field assembly of individual sections and testing.	54,816.01	7,078.66
23 52 23 00-0090	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1488)..... Note: Includes field assembly of individual sections and testing.	58,993.03	7,357.74
23 52 23 00-0091	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1588)..... Note: Includes field assembly of individual sections and testing.	62,205.71	7,636.83
23 52 23 00-0092	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1688)..... Note: Includes field assembly of individual sections and testing.	63,929.69	7,915.92
23 52 23 00-0093	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1788)..... Note: Includes field assembly of individual sections and testing.	66,692.58	8,195.00
23 52 23 00-0094	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain 1888)..... Note: Includes field assembly of individual sections and testing.	69,020.73	8,474.09
23 52 23 00-0095		Gas/Oil Fired Package Weil-McLain Model 88 Cast Iron Boiler <small>(23 52 23 00-0046)</small>		
23 52 23 00-0096	EA	629 MBH Steam, 730 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 488)..... Note: Fire tested factory assembled package cast iron unit.	22,354.93	742.74
23 52 23 00-0097	EA	845 MBH Steam, 979 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 588)..... Note: Fire tested factory assembled package cast iron unit.	25,221.55	848.85
23 52 23 00-0098	EA	1,072 MBH Steam, 1,229 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 688)..... Note: Fire tested factory assembled package cast iron unit.	29,007.40	954.95
23 52 23 00-0099	EA	1,311 MBH Steam, 1,478 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 788)..... Note: Fire tested factory assembled package cast iron unit.	32,253.41	1,061.06
23 52 23 00-0100	EA	1,543 MBH Steam, 1,728 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 888)..... Note: Fire tested factory assembled package cast iron unit.	34,423.65	1,061.06
23 52 23 00-0101	EA	1,766 MBH Steam, 1,977 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 988)..... Note: Weil-McLain Model 88. Fire tested factory assembled package cast iron unit.	38,272.04	1,167.17
23 52 23 00-0102	EA	1,988 MBH Steam, 2,227 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1088)..... Note: Fire tested factory assembled package cast iron unit.	41,152.09	1,167.17
23 52 23 00-0103	EA	2,211 MBH Steam, 2,477 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1188)..... Note: Fire tested factory assembled package cast iron unit.	43,594.48	1,273.28
23 52 23 00-0104	EA	2,434 MBH Steam, 2,726 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1288)..... Note: Fire tested factory assembled package cast iron unit.	46,377.99	1,273.28
23 52 23 00-0105	EA	2,657 MBH Steam, 2,976 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1388)..... Note: Fire tested factory assembled package cast iron unit.	49,697.46	1,379.38
23 52 23 00-0106	EA	2,880 MBH Steam, 3,225 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1488)..... Note: Fire tested factory assembled package cast iron unit.	52,342.42	1,485.49
23 52 23 00-0107	EA	3,102 MBH Steam, 3,475 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1588)..... Note: Fire tested factory assembled package cast iron unit.	53,872.19	1,485.49
23 52 23 00-0108	EA	3,325 MBH Steam, 3,724 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1688)..... Note: Fire tested factory assembled package cast iron unit.	57,055.64	1,591.59
23 52 23 00-0109	EA	3,548 MBH Steam, 3,974 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1788)..... Note: Fire tested factory assembled package cast iron unit.	59,493.77	1,591.59
23 52 23 00-0110	EA	3,771 MBH Steam, 4,223 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain 1888)..... Note: Fire tested factory assembled package cast iron unit.	61,922.48	1,697.70
23 52 23 00-0111		Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23)</small> Note: Capacities are the net AHRI ratings for steam or water MBH output. Includes burner unit and controls. Excludes flue piping, fuel piping, boiler base or pad.		
23 52 23 00-0112		Gas Fired Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small> Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0113	EA	1,584 MBH Steam, 1,784 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	72,193.73	8,880.04
23 52 23 00-0114	EA	1,800 MBH Steam, 2,050 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	78,323.15	9,387.47
23 52 23 00-0115	EA	2,024 MBH Steam, 2,310 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	83,914.70	9,894.90
23 52 23 00-0116	EA	2,249 MBH Steam, 2,571 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	89,388.16	10,402.33
23 52 23 00-0117	EA	2,474 MBH Steam, 2,834 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1294)..... Note: Includes field assembly of individual sections and testing.	94,912.98	10,909.76
23 52 23 00-0118	EA	2,703 MBH Steam, 3,098 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1394)..... Note: Includes field assembly of individual sections and testing.	101,881.33	11,417.20
23 52 23 00-0119	EA	2,928 MBH Steam, 3,362 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1494)..... Note: Includes field assembly of individual sections and testing.	107,082.88	11,924.62
23 52 23 00-0120	EA	3,154 MBH Steam, 3,628 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1594)..... Note: Includes field assembly of individual sections and testing.	112,113.60	12,432.05
23 52 23 00-0121	EA	3,378 MBH Steam, 3,894 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1694)..... Note: Includes field assembly of individual sections and testing.	120,346.87	12,939.49

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0122 EA 3,604 MBH Steam, 4,162 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1794)..... Note: Includes field assembly of individual sections and testing.	125,374.68	13,446.92
23 52 23 00-0123 EA 3,834 MBH Steam, 4,430 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1894)..... Note: Includes field assembly of individual sections and testing.	129,677.75	13,954.34
23 52 23 00-0124 EA 4,059 MBH Steam, 4,700 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-1994)..... Note: Includes field assembly of individual sections and testing.	137,621.57	14,461.78
23 52 23 00-0125 EA 4,285 MBH Steam, 4,970 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2094)..... Note: Includes field assembly of individual sections and testing.	142,691.79	14,969.21
23 52 23 00-0126 EA 4,510 MBH Steam, 5,241 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2194)..... Note: Includes field assembly of individual sections and testing.	150,819.60	15,476.64
23 52 23 00-0127 EA 4,781 MBH Steam, 5,568 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2294)..... Note: Includes field assembly of individual sections and testing.	156,160.85	15,984.07
23 52 23 00-0128 EA 4,961 MBH Steam, 5,787 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2394)..... Note: Includes field assembly of individual sections and testing.	162,011.85	16,491.50
23 52 23 00-0129 EA 5,232 MBH Steam, 6,117 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2494)..... Note: Includes field assembly of individual sections and testing.	167,027.38	16,998.93
23 52 23 00-0130 EA 5,413 MBH Steam, 6,338 MBH Water Gas Fired Cast Iron Boiler (Weil-McLain H-2594)..... Note: Includes field assembly of individual sections and testing.	172,189.19	17,506.36
23 52 23 00-0131 Gas Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)		
23 52 23 00-0132 EA 1,584 MBH Steam, 1,784 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-894)..... Note: Fire tested factory assembled package cast iron unit.	65,777.10	1,379.38
23 52 23 00-0133 EA 1,800 MBH Steam, 2,050 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-994)..... Note: Fire tested factory assembled package cast iron unit.	71,745.40	1,485.49
23 52 23 00-0134 EA 2,024 MBH Steam, 2,310 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1094)..... Note: Fire tested factory assembled package cast iron unit.	77,172.53	1,591.59
23 52 23 00-0135 EA 2,249 MBH Steam, 2,571 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1194)..... Note: Fire tested factory assembled package cast iron unit.	82,485.38	1,697.70
23 52 23 00-0136 EA 2,474 MBH Steam, 2,834 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1294)..... Note: Fire tested factory assembled package cast iron unit.	87,421.45	1,697.70
23 52 23 00-0137 EA 2,703 MBH Steam, 3,098 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1394)..... Note: Fire tested factory assembled package cast iron unit.	92,606.63	1,803.80
23 52 23 00-0138 EA 2,928 MBH Steam, 3,362 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1494)..... Note: Fire tested factory assembled package cast iron unit.	97,220.43	1,803.80
23 52 23 00-0139 EA 3,154 MBH Steam, 3,628 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1594)..... Note: Fire tested factory assembled package cast iron unit.	102,088.65	1,909.92
23 52 23 00-0140 EA 3,378 MBH Steam, 3,894 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1694)..... Note: Fire tested factory assembled package cast iron unit.	109,734.80	1,909.92
23 52 23 00-0141 EA 3,604 MBH Steam, 4,162 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1794)..... Note: Fire tested factory assembled package cast iron unit.	114,601.63	2,016.02
23 52 23 00-0142 EA 3,834 MBH Steam, 4,430 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1894)..... Note: Fire tested factory assembled package cast iron unit.	118,316.60	2,016.02
23 52 23 00-0143 EA 4,059 MBH Steam, 4,700 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-1994)..... Note: Fire tested factory assembled package cast iron unit.	126,100.33	2,122.13
23 52 23 00-0144 EA 4,285 MBH Steam, 4,970 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2094)..... Note: Fire tested factory assembled package cast iron unit.	130,582.23	2,122.13
23 52 23 00-0145 EA 4,510 MBH Steam, 5,241 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2194)..... Note: Fire tested factory assembled package cast iron unit.	138,572.65	2,228.23
23 52 23 00-0146 EA 4,781 MBH Steam, 5,568 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2294)..... Note: Fire tested factory assembled package cast iron unit.	143,300.67	2,228.23
23 52 23 00-0147 EA 4,961 MBH Steam, 5,787 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2394)..... Note: Fire tested factory assembled package cast iron unit.	148,987.52	2,334.34
23 52 23 00-0148 EA 5,232 MBH Steam, 6,117 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2494)..... Note: Fire tested factory assembled package cast iron unit.	153,416.39	2,334.34
23 52 23 00-0149 EA 5,413 MBH Steam, 6,338 MBH Water Gas Fired Package Cast Iron Boiler (Weil-McLain H-2594)..... Note: Fire tested factory assembled package cast iron unit.	158,415.13	2,440.44
23 52 23 00-0150 Oil Fired Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)		
Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0151 EA 1,584 MBH Steam, 1,784 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	68,136.09	8,880.04
23 52 23 00-0152 EA 1,800 MBH Steam, 2,050 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	74,265.51	9,387.47
23 52 23 00-0153 EA 2,024 MBH Steam, 2,310 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	81,736.30	9,894.90
23 52 23 00-0154 EA 2,249 MBH Steam, 2,571 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	86,718.87	10,402.33
23 52 23 00-0155 EA 2,474 MBH Steam, 2,834 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1294)..... Note: Includes field assembly of individual sections and testing.	91,909.18	10,909.76
23 52 23 00-0156 EA 2,703 MBH Steam, 3,098 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1394)..... Note: Includes field assembly of individual sections and testing.	98,503.59	11,417.20
23 52 23 00-0157 EA 2,928 MBH Steam, 3,362 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1494)..... Note: Includes field assembly of individual sections and testing.	103,958.06	11,924.62
23 52 23 00-0158 EA 3,154 MBH Steam, 3,628 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1594)..... Note: Includes field assembly of individual sections and testing.	108,991.50	12,432.05
23 52 23 00-0159 EA 3,378 MBH Steam, 3,894 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1694)..... Note: Includes field assembly of individual sections and testing.	118,195.67	12,939.49
23 52 23 00-0160 EA 3,604 MBH Steam, 4,162 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1794)..... Note: Includes field assembly of individual sections and testing.	123,224.84	13,446.92
23 52 23 00-0161 EA 3,834 MBH Steam, 4,430 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1894)..... Note: Includes field assembly of individual sections and testing.	128,252.68	13,954.34
23 52 23 00-0162 EA 4,059 MBH Steam, 4,700 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-1994)..... Note: Includes field assembly of individual sections and testing.	137,631.09	14,461.78

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0163	EA	4,285 MBH Steam, 4970 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2094) Note: Includes field assembly of individual sections and testing.	142,701.31	14,969.21
23 52 23 00-0164	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2194) Note: Includes field assembly of individual sections and testing.	151,048.04	15,476.64
23 52 23 00-0165	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2294) Note: Includes field assembly of individual sections and testing.	156,387.94	15,984.07
23 52 23 00-0166	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2394) Note: Includes field assembly of individual sections and testing.	162,121.99	16,491.50
23 52 23 00-0167	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2494) Note: Includes field assembly of individual sections and testing.	167,137.52	16,998.93
23 52 23 00-0168	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Cast Iron Boiler (Weil-McLain H-2594) Note: Includes field assembly of individual sections and testing.	172,307.49	17,506.36
23 52 23 00-0169		Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
23 52 23 00-0170	EA	1,584 MBH Steam, 1,784 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-894) Note: Fire tested factory assembled package cast iron unit.	61,499.17	1,379.38
23 52 23 00-0171	EA	1,800 MBH Steam, 2,050 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-994) Note: Fire tested factory assembled package cast iron unit.	67,467.47	1,485.49
23 52 23 00-0172	EA	2,024 MBH Steam, 2,310 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094) Note: Fire tested factory assembled package cast iron unit.	74,773.84	1,591.59
23 52 23 00-0173	EA	2,249 MBH Steam, 2,571 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194) Note: Fire tested factory assembled package cast iron unit.	79,595.80	1,697.70
23 52 23 00-0174	EA	2,474 MBH Steam, 2,834 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294) Note: Fire tested factory assembled package cast iron unit.	84,197.37	1,697.70
23 52 23 00-0175	EA	2,703 MBH Steam, 3,098 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394) Note: Fire tested factory assembled package cast iron unit.	89,008.60	1,803.80
23 52 23 00-0176	EA	2,928 MBH Steam, 3,362 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494) Note: Fire tested factory assembled package cast iron unit.	93,875.32	1,803.80
23 52 23 00-0177	EA	3,154 MBH Steam, 3,628 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594) Note: Fire tested factory assembled package cast iron unit.	98,743.54	1,909.92
23 52 23 00-0178	EA	3,378 MBH Steam, 3,894 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694) Note: Fire tested factory assembled package cast iron unit.	107,363.31	1,909.92
23 52 23 00-0179	EA	3,604 MBH Steam, 4,162 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794) Note: Fire tested factory assembled package cast iron unit.	112,228.78	2,016.02
23 52 23 00-0180	EA	3,834 MBH Steam, 4,430 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894) Note: Fire tested factory assembled package cast iron unit.	116,671.25	2,016.02
23 52 23 00-0181	EA	4,059 MBH Steam, 4,700 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994) Note: Fire tested factory assembled package cast iron unit.	125,889.56	2,122.13
23 52 23 00-0182	EA	4,285 MBH Steam, 4,970 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094) Note: Fire tested factory assembled package cast iron unit.	130,371.46	2,122.13
23 52 23 00-0183	EA	4,510 MBH Steam, 5,241 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194) Note: Fire tested factory assembled package cast iron unit.	138,553.61	2,228.23
23 52 23 00-0184	EA	4,781 MBH Steam, 5,568 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294) Note: Fire tested factory assembled package cast iron unit.	143,307.47	2,228.23
23 52 23 00-0185	EA	4,961 MBH Steam, 5,787 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394) Note: Fire tested factory assembled package cast iron unit.	148,877.38	2,334.34
23 52 23 00-0186	EA	5,232 MBH Steam, 6,117 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494) Note: Fire tested factory assembled package cast iron unit.	153,306.24	2,334.34
23 52 23 00-0187	EA	5,413 MBH Steam, 6,338 MBH Water Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594) Note: Fire tested factory assembled package cast iron unit.	158,313.14	2,440.44
23 52 23 00-0188		Gas/Oil Fired Weil-McLain Model 94 Cast Iron Boiler <small>(23 52 23 00-0111)</small>		
		Note: Field assembled boilers can only be used in situations where package units cannot be installed.		
23 52 23 00-0189	EA	1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-894)..... Note: Includes field assembly of individual sections and testing.	73,469.22	8,880.04
23 52 23 00-0190	EA	1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-994)..... Note: Includes field assembly of individual sections and testing.	79,600.00	9,387.47
23 52 23 00-0191	EA	2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1094)..... Note: Includes field assembly of individual sections and testing.	85,539.66	9,894.90
23 52 23 00-0192	EA	2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1194)..... Note: Includes field assembly of individual sections and testing.	91,150.46	10,402.33
23 52 23 00-0193	EA	2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1294)..... Note: Includes field assembly of individual sections and testing.	96,644.00	10,909.76
23 52 23 00-0194	EA	2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1394)..... Note: Includes field assembly of individual sections and testing.	102,520.44	11,417.20
23 52 23 00-0195	EA	2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1494)..... Note: Includes field assembly of individual sections and testing.	109,205.53	11,924.62
23 52 23 00-0196	EA	3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1594)..... Note: Includes field assembly of individual sections and testing.	114,570.76	12,432.05
23 52 23 00-0197	EA	3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1694)..... Note: Includes field assembly of individual sections and testing.	123,017.52	12,939.49
23 52 23 00-0198	EA	3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1794)..... Note: Includes field assembly of individual sections and testing.	128,045.33	13,446.92
23 52 23 00-0199	EA	3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1894)..... Note: Includes field assembly of individual sections and testing.	132,443.58	13,954.34
23 52 23 00-0200	EA	4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-1994)..... Note: Includes field assembly of individual sections and testing.	140,479.87	14,461.78
23 52 23 00-0201	EA	4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2094)..... Note: Includes field assembly of individual sections and testing.	146,909.89	14,969.21
23 52 23 00-0202	EA	4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2194)..... Note: Includes field assembly of individual sections and testing.	155,766.55	15,476.64
23 52 23 00-0203	EA	4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2294)..... Note: Includes field assembly of individual sections and testing.	161,067.01	15,984.07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 23 00-0204 EA 4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2394).....	167,170.93	16,491.50
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0205 EA 5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2494).....	172,187.82	16,998.93
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0206 EA 5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Cast Iron Boiler (Weil-McLain H-2594).....	177,353.71	17,506.36
Note: Includes field assembly of individual sections and testing.		
23 52 23 00-0207 Gas/Oil Fired Package Weil-McLain Model 94 Cast Iron Boiler (23 52 23 00-0111)		
23 52 23 00-0208 EA 1,584 MBH Steam, 1,784 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-894).....	67,151.85	1,379.38
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0209 EA 1,800 MBH Steam, 2,050 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-994).....	73,121.52	1,485.49
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0210 EA 2,024 MBH Steam, 2,310 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1094).....	78,900.83	1,591.59
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0211 EA 2,249 MBH Steam, 2,571 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1194).....	84,348.30	1,697.70
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0212 EA 2,474 MBH Steam, 2,834 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1294).....	89,253.10	1,697.70
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0213 EA 2,703 MBH Steam, 3,098 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1394).....	93,345.00	1,803.80
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0214 EA 2,928 MBH Steam, 3,362 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1494).....	99,442.35	1,803.80
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0215 EA 3,154 MBH Steam, 3,628 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1594).....	104,643.71	1,909.92
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0216 EA 3,378 MBH Steam, 3,894 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1694).....	112,506.08	1,909.92
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0217 EA 3,604 MBH Steam, 4,162 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1794).....	117,370.18	2,016.02
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0218 EA 3,834 MBH Steam, 4,430 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1894).....	121,181.70	2,016.02
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0219 EA 4,059 MBH Steam, 4,700 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-1994).....	129,057.90	2,122.13
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0220 EA 4,285 MBH Steam, 4,970 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2094).....	134,900.96	2,122.13
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0221 EA 4,510 MBH Steam, 5,241 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2194).....	143,593.03	2,228.23
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0222 EA 4,781 MBH Steam, 5,568 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2294).....	148,307.46	2,228.23
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0223 EA 4,961 MBH Steam, 5,787 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2394).....	154,245.87	2,334.34
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0224 EA 5,232 MBH Steam, 6,117 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2494).....	158,676.10	2,334.34
Note: Fire tested factory assembled package cast iron unit.		
23 52 23 00-0225 EA 5,413 MBH Steam, 6,338 MBH Water Gas/Oil Fired Package Cast Iron Boiler (Weil-McLain H-2594).....	163,680.27	2,440.44
Note: Fire tested factory assembled package cast iron unit.		
23 52 33 Water-Tube Boilers (23 52)		
23 52 33 13 Finned Water-Tube Boilers (23 52 33)		
23 52 33 13-0001 Laars Pennant 85% Efficient Water, Gas Fired, Copper Fin Tube LoNox Boiler (23 52 33 13)		
Note: Rated by gross rated output.		
23 52 33 13-0002 EA 200 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	8,823.68	586.61
23 52 33 13-0003 EA 300 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	9,709.19	651.79
23 52 33 13-0004 EA 400 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	11,148.19	782.14
23 52 33 13-0005 EA 500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	14,270.35	814.74
23 52 33 13-0006 EA 750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	16,761.10	977.68
23 52 33 13-0007 EA 1,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	20,600.51	1,173.22
23 52 33 13-0008 EA 1,250 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	23,417.55	1,238.40
23 52 33 13-0009 EA 1,500 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	25,945.45	1,336.17
23 52 33 13-0010 EA 1,750 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	28,301.15	1,401.35
23 52 33 13-0011 EA 2,000 MBH 85% Efficient, Water, Gas Fired, Copper Fin Tube LoNox Boiler (Laars Pennant).....	30,380.92	1,433.94
23 52 33 13-0012 Patterson Kelly Modufire Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (23 52 33 13)		
Note: Rated by gross rated output.		
23 52 33 13-0013 EA 1,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	30,946.13	1,173.22
23 52 33 13-0014 EA 1,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	38,672.75	1,336.17
23 52 33 13-0015 EA 2,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	41,207.03	1,433.94
23 52 33 13-0016 EA 2,500 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	58,372.35	1,629.47
23 52 33 13-0017 EA 3,000 MBH Forced Draft, Water, Gas Fired, Copper Fin Tube Boiler (Patterson Kelly Modufire)	61,206.09	1,825.01
23 52 33 13-0018 Lochinvar Copper-Fin II Finned Tube Boiler (23 52 33 13)		
Note: Rated by gross rated output.		
23 52 33 13-0019 EA 340 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0402).....	13,537.37	526.37
For High And Low Gas Pressure Switch With Manual Reset, Add	510.00	
For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	451.79	
23 52 33 13-0020 EA 425 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0502).....	16,241.25	657.72
For High And Low Gas Pressure Switch With Manual Reset, Add	510.00	
For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add	451.79	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 13-0021 EA 552.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0652).....	17,395.72	790.05
<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	510.00	
<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	451.79	
23 52 33 13-0022 EA 637.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0752).....	17,882.16	790.05
<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	510.00	
<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	451.79	
23 52 33 13-0023 EA 841.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN0992).....	22,179.13	987.56
<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	510.00	
<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	451.79	
23 52 33 13-0024 EA 1,071 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1262).....	25,749.12	987.56
<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	510.00	
<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	451.79	
23 52 33 13-0025 EA 1,224 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1442).....	28,110.64	987.56
<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	510.00	
<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	451.79	
23 52 33 13-0026 EA 1,530 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN1802).....	30,252.58	1,185.08
<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	510.00	
<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	451.79	
23 52 33 13-0027 EA 1,759.5 MBH, 85% Efficient, Gas Fired, Copper Finned Tube Boiler (Lochinvar CHN2072).....	35,788.50	1,382.58
<i>For High And Low Gas Pressure Switch With Manual Reset, Add</i>	510.00	
<i>For Low Water Cut-Off, Probe Type, Manual Reset With Test, Add</i>	451.79	
23 52 33 13-0028 Raypak Cupro-Nickel Finned-Tube Boiler With Pump (23 52 33 13)		
Note: Rated by gross rated output.		
23 52 33 13-0029 EA 385 MBH Water, Gas Fired, On/Off, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H4-399B).....	12,961.40	723.48
23 52 33 13-0030 EA 420 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-499B).....	13,950.54	651.79
23 52 33 13-0031 EA 546 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-649B).....	15,540.16	782.14
23 52 33 13-0032 EA 630 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-749B).....	16,487.30	887.91
23 52 33 13-0033 EA 756 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-899B).....	18,314.32	977.68
23 52 33 13-0034 EA 832 MBH Water, Gas Fired, Two Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H3-989B).....	19,702.41	1,052.35
23 52 33 13-0035 EA 1,058 MBH Water, Gas Fired, Three Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H8-1259B).....	22,520.61	1,173.22
23 52 33 13-0036 EA 1,285 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1529B).....	26,235.29	1,238.40
23 52 33 13-0037 EA 1,512 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1799B).....	27,825.04	1,336.17
23 52 33 13-0038 EA 1,679 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-1999B).....	33,385.37	1,368.76
23 52 33 13-0039 EA 1,739 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2069B).....	33,484.13	1,401.35
23 52 33 13-0040 EA 1,966 MBH Water, Gas Fired, Four Stage, Cupro-Nickel Finned-Tube Boiler With Pump (Raypak H9-2339B).....	39,290.14	1,433.94
23 52 33 13-0041 Raypak Gas Fired Finned-Tube Water Heater With Pump (Type WH) (23 52 33 13)		
Note: Rated by gross rated output.		
23 52 33 13-0042 EA 150 MBH Input, High Delta Copper Finned Tube Boiler, Raypak WH1-HD151.....	10,317.30	657.72
Note: 85% Efficient		
23 52 33 13-0043 EA 200 MBH Input, High Delta Copper Finned Tube Boiler, Raypak WH1-HD201.....	12,552.21	690.61
Note: 85% Efficient		
23 52 33 13-0044 EA 250 MBH Input, High Delta Copper Finned Tube Boiler, Raypak WH1-HD251.....	14,189.82	723.48
Note: 85% Efficient		
23 52 33 13-0045 EA 300 MBH Input, High Delta Copper Finned Tube Boiler, Raypak WH1-HD301.....	17,546.02	789.25
Note: 85% Efficient		
23 52 33 13-0046 EA 300 MBH Input, Copper Finned Tube Boiler, Raypak WH1-302B.....	17,535.89	789.25
Note: 85% Efficient		
23 52 33 13-0047 EA 400 MBH Input, Copper Finned Tube Boiler, Raypak WH1-402B.....	21,580.53	855.03
Note: 85% Efficient		
23 52 33 13-0048 EA 500 MBH Input, Copper Finned Tube Boiler, Raypak WH3-502B.....	23,962.80	920.80
Note: 85% Efficient		
23 52 33 13-0049 EA 650 MBH Input, Copper Finned Tube Boiler, Raypak WH3-652B.....	25,251.68	986.57
Note: 85% Efficient		
23 52 33 13-0050 EA 750 MBH Input, Copper Finned Tube Boiler, Raypak WH3-752B.....	26,907.04	1,052.35
Note: 85% Efficient		
23 52 33 13-0051 EA 900 MBH Input, Copper Finned Tube Boiler, Raypak WH3-902B.....	29,376.39	1,118.12
Note: 85% Efficient		
23 52 33 13-0052 EA 990 MBH Input, Copper Finned Tube Boiler, Raypak WH3-992B.....	31,031.76	1,183.89
Note: 85% Efficient		
23 52 33 13-0053 EA 1260 MBH Input, Copper Finned Tube Boiler, Raypak WH3-1262B.....	35,778.99	1,249.65
Note: 85% Efficient		
23 52 33 16 Steel Water-Tube Boilers (23 52 33)		
23 52 33 16-0001 Unilux 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (23 52 33 16)		
Note: Compliant with BAAQMD.		
23 52 33 16-0002 EA 1,250 MBH Input/1,062 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF100).....	85,481.87	1,580.10
23 52 33 16-0003 EA 1,750 MBH Input/1,488 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF150).....	91,843.80	1,975.12
23 52 33 16-0004 EA 2,200 MBH Input/1,870 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF200).....	93,475.82	2,172.63
23 52 33 16-0005 EA 2,750 MBH Input/2,338 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF250).....	100,679.71	2,370.14
23 52 33 16-0006 EA 3,000 MBH Input/2,550 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux ZF300).....	104,058.18	2,666.42
23 52 33 16-0007 EA 3,750 MBH Output/3,188 MBH Input, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ350).....	114,862.94	2,962.68

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 33 16-0008	EA		4,300 MBH Input/3,655 MBH Output, 85% Efficient, Gas Fired, Forced Draft, Hot Water, Steel Flexible Watertube Boiler (Unilux VZ400)	119,702.96	3,061.43
23 52 33 16-0009			Unilux 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler <small>(23 52 33 16)</small>		
			Note: Compliant with BAAQMD.		
23 52 33 16-0010	EA		1,250 MBH, 31 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100LS)	99,804.43	1,777.61
23 52 33 16-0011	EA		1,750 MBH, 43.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150LS)	104,729.68	2,073.87
23 52 33 16-0012	EA		2,200 MBH, 54.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200LS)	107,600.85	2,271.39
23 52 33 16-0013	EA		2,750 MBH, 68 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250LS)	120,374.46	2,468.90
23 52 33 16-0014	EA		3,000 MBH, 74 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300LS)	124,792.41	2,666.42
23 52 33 16-0015	EA		3,750 MBH, 93 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350LS)	133,430.81	2,962.68
23 52 33 16-0016	EA		4,300 MBH, 106.5 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400LS)	141,260.78	3,160.19
23 52 33 16-0017	EA		5,400 MBH, 134 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500LS)	236,659.36	3,357.71
23 52 33 16-0018	EA		6,250 MBH, 155 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600LS)	256,241.83	3,555.22
23 52 33 16-0019	EA		7,235 MBH, 179 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700LS)	269,635.02	3,752.73
23 52 33 16-0020	EA		8,270 MBH, 205 HP, 83% Efficient, Gas Fired, Forced Draft, Low Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800LS)	276,529.12	3,950.24
23 52 33 16-0021			Unilux 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler <small>(23 52 33 16)</small>		
			Note: Compliant with BAAQMD.		
23 52 33 16-0022	EA		1,250 MBH, 31 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 100HS)	107,540.50	1,777.61
23 52 33 16-0023	EA		1,750 MBH, 43.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 150HS)	114,014.70	2,073.87
23 52 33 16-0024	EA		2,200 MBH, 54.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 200HS)	118,122.86	2,271.39
23 52 33 16-0025	EA		2,750 MBH, 68 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 250HS)	131,206.26	2,468.90
23 52 33 16-0026	EA		3,000 MBH, 74 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 300HS)	135,624.21	2,666.42
23 52 33 16-0027	EA		3,750 MBH, 93 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 350HS)	142,715.83	2,962.68
23 52 33 16-0028	EA		4,300 MBH, 106.5 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 400HS)	150,849.09	3,160.19
23 52 33 16-0029	EA		5,400 MBH, 134 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 500HS)	245,634.59	3,357.71
23 52 33 16-0030	EA		6,250 MBH, 155 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 600HS)	266,766.01	3,555.22
23 52 33 16-0031	EA		7,235 MBH, 179 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 700HS)	275,206.90	3,752.73
23 52 33 16-0032	EA		8,270 MBH, 205 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 800HS)	287,053.30	3,950.24
23 52 33 16-0033	EA		9,300 MBH, 230 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 900HS)	319,324.15	4,147.75
23 52 33 16-0034	EA		10,330 MBH, 256 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1000HS)	462,542.95	4,345.27
23 52 33 16-0035	EA		12,400 MBH, 307 HP, 81% Efficient, Gas Fired, Forced Draft, High Pressure Steam, Steel Flexible Watertube Boiler (Unilux 1200HS)	485,994.55	4,542.77
23 52 36			Fire-Box Boiler <small>(23 52)</small>		
23 52 36 00-0001			Package Oil Fired Firebox Boilers <small>(23 52 36)</small>		
			Note: Prices are good for 15 PSI steam or 30 PSI water. Packaged type, complete with burner and all basic safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.) Normally required (Boiler HP) boiler sizes are based on HP rating and gross output.		
23 52 36 00-0002	EA		40 HP, 1,339 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	80,556.01	2,546.56
23 52 36 00-0003	EA		46 HP, 1,553 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	84,210.40	2,758.77
23 52 36 00-0004	EA		53 HP, 1,784 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	88,158.36	2,970.98
23 52 36 00-0005	EA		61 HP, 2,062 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	95,336.27	3,183.18
23 52 36 00-0006	EA		69 HP, 2,313 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	99,577.83	3,395.40
23 52 36 00-0007	EA		80 HP, 2,678 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	103,746.13	3,607.61
23 52 36 00-0008	EA		100 HP, 3,348 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	115,416.55	3,819.82
23 52 36 00-0009	EA		127 HP, 4,251 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	133,574.89	4,244.25
23 52 36 00-0010	EA		151 HP, 5,055 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	152,041.60	4,668.67
23 52 36 00-0011	EA		183 HP, 6,126 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	166,797.05	5,146.16
23 52 36 00-0012	EA		220 HP, 7,388 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	181,552.62	5,623.64
23 52 36 00-0013	EA		257 HP, 8,606 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	190,803.45	6,578.59
23 52 36 00-0014	EA		294 HP, 9,842 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	232,573.58	7,533.54
23 52 36 00-0015	EA		368 HP, 12,302 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water	275,371.40	8,488.51

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
23 52 36 00-0016	EA	441 HP, 14,766 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water		318,601.73	9,549.56
23 52 36 00-0017	EA	514 HP, 17,220 MBH Oil Fired Firebox Boiler, 15 PSI Steam Or 30 PSI Water		360,861.02	10,345.37
23 52 39 Fire-Tube Boilers (23 52)					
23 52 39 13 Scotch Marine Boilers (23 52 39)					
23 52 39 13-0001 15 PSI Steam Scotch Marine Boilers (23 52 39 13)					
Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.					
23 52 39 13-0002 15 PSI Gas Fired Steam Scotch Marine Boilers (23 52 39 13-0001)					
23 52 39 13-0003	EA	30 HP, 1,033 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		64,174.64	1,167.17
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0004	EA	40 HP, 1,339 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		69,075.30	1,273.28
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0005	EA	50 HP, 1,674 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		75,025.14	1,379.38
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0006	EA	60 HP, 2,009 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		78,364.46	1,591.59
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0007	EA	70 HP, 2,343 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		82,108.11	1,697.70
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0008	EA	80 HP, 2,678 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		85,946.61	1,803.80
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0009	EA	90 HP, 3,013 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		88,599.80	1,856.86
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0010	EA	100 HP, 3,348 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		93,538.18	1,909.92
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0011	EA	125 HP, 4,184 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		105,766.45	2,122.13
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0012	EA	150 HP, 5,021 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		120,198.13	2,334.34
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0013	EA	175 HP, 5,858 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		131,838.62	2,573.08
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0014	EA	200 HP, 6,695 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		143,476.92	2,811.81
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0015	EA	250 HP, 8,369 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		151,280.17	3,289.30
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0016	EA	300 HP, 10,043 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		184,022.97	3,766.78
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0017	EA	350 HP, 11,716 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		199,189.53	4,244.25
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0018	EA	400 HP, 13,390 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		234,579.13	4,721.73
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0019	EA	500 HP, 16,738 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		285,003.44	5,199.21
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0020	EA	600 HP, 20,085 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		333,485.70	5,676.68
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0021	EA	700 HP, 23,433 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		379,901.64	6,154.17
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0022	EA	800 HP, 26,780 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		424,451.02	6,631.65
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0023	EA	900 HP, 30,128 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		661,411.74	7,109.12
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0024	EA	1,000 HP, 33,476 MBH 15 PSI Steam Gas Fired Scotch Marine Boiler		719,665.08	7,586.60
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0025 15 PSI Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)					
23 52 39 13-0026	EA	30 HP, 1,033 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		59,464.08	1,167.17
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0027	EA	40 HP, 1,339 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		64,010.19	1,273.28
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0028	EA	50 HP, 1,674 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		69,519.57	1,379.38
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0029	EA	60 HP, 2,009 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		75,730.59	1,591.59
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0030	EA	70 HP, 2,343 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		79,001.50	1,697.70
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0031	EA	80 HP, 2,678 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		82,267.42	1,803.80
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0032	EA	90 HP, 3,013 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		85,328.77	1,856.86
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0033	EA	100 HP, 3,348 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		91,444.60	1,909.92
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0034	EA	125 HP, 4,184 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		105,866.29	2,122.13
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0035	EA	150 HP, 5,021 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		120,306.78	2,334.34
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0036	EA	175 HP, 5,858 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		131,959.01	2,573.08
Note: Burnham Series 3. Fire tested factory assembled unit.					
23 52 39 13-0037	EA	200 HP, 6,695 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler		143,609.06	2,811.81
Note: Burnham Series 3. Fire tested factory assembled unit.					

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0038 EA 250 HP, 8,369 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	151,418.17	3,289.30
23 52 39 13-0039 EA 300 HP, 10,043 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	184,193.28	3,766.78
23 52 39 13-0040 EA 350 HP, 11,716 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	199,371.58	4,244.25
23 52 39 13-0041 EA 400 HP, 13,390 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	234,796.42	4,721.73
23 52 39 13-0042 EA 500 HP, 16,738 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	285,267.71	5,199.21
23 52 39 13-0043 EA 600 HP, 20,085 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	333,796.95	5,676.68
23 52 39 13-0044 EA 700 HP, 23,433 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	380,256.94	6,154.17
23 52 39 13-0045 EA 800 HP, 26,780 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	424,850.36	6,631.65
23 52 39 13-0046 EA 900 HP, 30,128 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	662,042.99	7,109.12
23 52 39 13-0047 EA 1,000 HP, 33,476 MBH 15 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	720,355.65	7,586.60
23 52 39 13-0048 15 PSI Gas/Oil Fired Steam Scotch Marine Boilers (23 52 39 13-0001)		
23 52 39 13-0049 EA 30 HP, 1,033 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	66,236.36	1,167.17
23 52 39 13-0050 EA 40 HP, 1,339 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	71,292.21	1,273.28
23 52 39 13-0051 EA 50 HP, 1,674 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	77,429.97	1,379.38
23 52 39 13-0052 EA 60 HP, 2,009 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,353.61	1,591.59
23 52 39 13-0053 EA 70 HP, 2,343 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	84,856.48	1,697.70
23 52 39 13-0054 EA 80 HP, 2,678 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,354.37	1,803.80
23 52 39 13-0055 EA 90 HP, 3,013 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,644.75	1,856.86
23 52 39 13-0056 EA 100 HP, 3,348 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	94,935.86	1,909.92
23 52 39 13-0057 EA 125 HP, 4,184 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	109,924.25	2,122.13
23 52 39 13-0058 EA 150 HP, 5,021 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	124,931.45	2,334.34
23 52 39 13-0059 EA 175 HP, 5,858 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	137,030.00	2,573.08
23 52 39 13-0060 EA 200 HP, 6,695 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	149,123.43	2,811.81
23 52 39 13-0061 EA 250 HP, 8,369 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	157,179.20	3,289.30
23 52 39 13-0062 EA 300 HP, 10,043 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	191,240.40	3,766.78
23 52 39 13-0063 EA 350 HP, 11,716 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	206,970.72	4,244.25
23 52 39 13-0064 EA 400 HP, 13,390 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	243,793.24	4,721.73
23 52 39 13-0065 EA 500 HP, 16,738 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	296,287.64	5,199.21
23 52 39 13-0066 EA 600 HP, 20,085 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	346,757.77	5,676.68
23 52 39 13-0067 EA 700 HP, 23,433 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	395,076.44	6,154.17
23 52 39 13-0068 EA 800 HP, 26,780 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	441,446.32	6,631.65
23 52 39 13-0069 EA 900 HP, 30,128 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	688,445.48	7,109.12
23 52 39 13-0070 EA 1,000 HP, 33,476 MBH 15 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	749,105.22	7,586.60
23 52 39 13-0071 125 PSI Water Scotch Marine Boilers (23 52 39 13)		
Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0072 125 PSI Gas Fired Water Scotch Marine Boilers (23 52 39 13-0071)		
23 52 39 13-0073 EA 40 HP, 1,339 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	75,990.29	1,273.28
23 52 39 13-0074 EA 50 HP, 1,674 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	85,284.57	1,379.38
23 52 39 13-0075 EA 60 HP, 2,009 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	91,604.23	1,591.59
23 52 39 13-0076 EA 70 HP, 2,343 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	98,472.10	1,697.70
23 52 39 13-0077 EA 80 HP, 2,678 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	105,484.75	1,803.80

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
23 52 39 13-0078	EA	90 HP, 3,013 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	111,068.37	1,856.86	
23 52 39 13-0079	EA	100 HP, 3,348 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	119,600.78	1,909.92	
23 52 39 13-0080	EA	125 HP, 4,184 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	128,302.55	2,122.13	
23 52 39 13-0081	EA	150 HP, 5,021 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	139,868.41	2,334.34	
23 52 39 13-0082	EA	175 HP, 5,858 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	148,769.32	2,573.08	
23 52 39 13-0083	EA	200 HP, 6,695 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	154,006.49	2,811.81	
23 52 39 13-0084	EA	250 HP, 8,369 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	186,451.17	3,289.30	
23 52 39 13-0085	EA	300 HP, 10,043 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	217,097.46	3,766.78	
23 52 39 13-0086	EA	350 HP, 11,716 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	233,967.06	4,244.25	
23 52 39 13-0087	EA	400 HP, 13,390 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	261,049.88	4,721.73	
23 52 39 13-0088	EA	500 HP, 16,738 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	316,410.10	5,199.21	
23 52 39 13-0089	EA	600 HP, 20,085 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	370,421.42	5,676.68	
23 52 39 13-0090	EA	700 HP, 23,433 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	422,131.51	6,154.17	
23 52 39 13-0091	EA	800 HP, 26,780 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	471,748.94	6,631.65	
23 52 39 13-0092	EA	900 HP, 30,128 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	736,649.52	7,109.12	
23 52 39 13-0093	EA	1,000 HP, 33,476 MBH 125 PSI Water Gas Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	801,596.69	7,586.60	
23 52 39 13-0094		125 PSI Oil Fired Water Scotch Marine Boilers (23 52 39 13-0071)			
23 52 39 13-0095	EA	40 HP, 1,339 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	70,376.08	1,273.28	
23 52 39 13-0096	EA	50 HP, 1,674 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	78,965.65	1,379.38	
23 52 39 13-0097	EA	60 HP, 2,009 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	88,482.95	1,591.59	
23 52 39 13-0098	EA	70 HP, 2,343 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	94,693.09	1,697.70	
23 52 39 13-0099	EA	80 HP, 2,678 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	100,895.31	1,803.80	
23 52 39 13-0100	EA	90 HP, 3,013 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	106,890.02	1,856.86	
23 52 39 13-0101	EA	100 HP, 3,348 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	116,870.02	1,909.92	
23 52 39 13-0102	EA	125 HP, 4,184 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	128,422.94	2,122.13	
23 52 39 13-0103	EA	150 HP, 5,021 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	139,997.60	2,334.34	
23 52 39 13-0104	EA	175 HP, 5,858 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	148,907.33	2,573.08	
23 52 39 13-0105	EA	200 HP, 6,695 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	154,150.37	2,811.81	
23 52 39 13-0106	EA	250 HP, 8,369 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	186,624.41	3,289.30	
23 52 39 13-0107	EA	300 HP, 10,043 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	217,300.06	3,766.78	
23 52 39 13-0108	EA	350 HP, 11,716 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	234,184.35	4,244.25	
23 52 39 13-0109	EA	400 HP, 13,390 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	261,293.59	4,721.73	
23 52 39 13-0110	EA	500 HP, 16,738 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	316,706.67	5,199.21	
23 52 39 13-0111	EA	600 HP, 20,085 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	370,770.84	5,676.68	
23 52 39 13-0112	EA	700 HP, 23,433 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	422,530.85	6,154.17	
23 52 39 13-0113	EA	800 HP, 26,780 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	472,195.26	6,631.65	
23 52 39 13-0114	EA	900 HP, 30,128 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	737,357.03	7,109.12	
23 52 39 13-0115	EA	1,000 HP, 33,476 MBH 125 PSI Water Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	802,367.75	7,586.60	
23 52 39 13-0116		125 PSI Gas/Oil Fired Water Scotch Marine Boilers (23 52 39 13-0071)			
23 52 39 13-0117	EA	40 HP, 1,339 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	78,445.04	1,273.28	
23 52 39 13-0118	EA	50 HP, 1,674 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	88,044.69	1,379.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0119 EA 60 HP, 2,009 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	95,142.47	1,591.59
23 52 39 13-0120 EA 70 HP, 2,343 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	101,819.49	1,697.70
23 52 39 13-0121 EA 80 HP, 2,678 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	108,491.52	1,803.80
23 52 39 13-0122 EA 90 HP, 3,013 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	114,956.03	1,856.86
23 52 39 13-0123 EA 100 HP, 3,348 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	121,421.28	1,909.92
23 52 39 13-0124 EA 125 HP, 4,184 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	133,420.52	2,122.13
23 52 39 13-0125 EA 150 HP, 5,021 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	145,441.50	2,334.34
23 52 39 13-0126 EA 175 HP, 5,858 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	154,683.03	2,573.08
23 52 39 13-0127 EA 200 HP, 6,695 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	160,105.19	2,811.81
23 52 39 13-0128 EA 250 HP, 8,369 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	193,853.58	3,289.30
23 52 39 13-0129 EA 300 HP, 10,043 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	225,727.24	3,766.78
23 52 39 13-0130 EA 350 HP, 11,716 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	243,234.03	4,244.25
23 52 39 13-0131 EA 400 HP, 13,390 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	271,394.46	4,721.73
23 52 39 13-0132 EA 500 HP, 16,738 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	329,039.13	5,199.21
23 52 39 13-0133 EA 600 HP, 20,085 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	385,273.22	5,676.68
23 52 39 13-0134 EA 700 HP, 23,433 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	439,112.13	6,154.17
23 52 39 13-0135 EA 800 HP, 26,780 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	490,764.42	6,631.65
23 52 39 13-0136 EA 900 HP, 30,128 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	766,898.84	7,109.12
23 52 39 13-0137 EA 1,000 HP, 33,476 MBH 125 PSI Water Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. 125 PSI Water. Fire tested factory assembled package unit.	834,532.02	7,586.60
23 52 39 13-0138 150 PSI Steam Scotch Marine Boilers <small>(23 52 39 13)</small> Note: Includes all standard safety controls (low water cut-off, high/low temperature and pressure operating controls, flame failure, main and pilot gas control, etc.), setting boilers and controls. Rated by boiler horsepower and MBH gross rated output.		
23 52 39 13-0139 150 PSI Gas Fired Steam Scotch Marine Boilers <small>(23 52 39 13-0138)</small>		
23 52 39 13-0140 EA 40 HP, 1,339 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,269.90	1,273.28
23 52 39 13-0141 EA 50 HP, 1,674 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	95,875.80	1,379.38
23 52 39 13-0142 EA 60 HP, 2,009 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	99,963.88	1,591.59
23 52 39 13-0143 EA 70 HP, 2,343 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,702.93	1,697.70
23 52 39 13-0144 EA 80 HP, 2,678 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	109,566.21	1,803.80
23 52 39 13-0145 EA 90 HP, 3,013 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,953.48	1,856.86
23 52 39 13-0146 EA 100 HP, 3,348 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	119,310.09	1,909.92
23 52 39 13-0147 EA 125 HP, 4,184 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	134,953.27	2,122.13
23 52 39 13-0148 EA 150 HP, 5,021 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	153,454.67	2,334.34
23 52 39 13-0149 EA 175 HP, 5,858 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	168,301.59	2,573.08
23 52 39 13-0150 EA 200 HP, 6,695 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	183,146.34	2,811.81
23 52 39 13-0151 EA 250 HP, 8,369 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	192,717.23	3,289.30
23 52 39 13-0152 EA 300 HP, 10,043 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	234,712.32	3,766.78
23 52 39 13-0153 EA 350 HP, 11,716 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	253,833.64	4,244.25
23 52 39 13-0154 EA 400 HP, 13,390 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	299,292.25	4,721.73
23 52 39 13-0155 EA 500 HP, 16,738 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	364,274.73	5,199.21
23 52 39 13-0156 EA 600 HP, 20,085 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	426,710.29	5,676.68
23 52 39 13-0157 EA 700 HP, 23,433 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	486,489.33	6,154.17
23 52 39 13-0158 EA 800 HP, 26,780 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	543,829.23	6,631.65
23 52 39 13-0159 EA 900 HP, 30,128 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	851,308.86	7,109.12

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 52 Heating Boilers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0160 EA 1,000 HP, 33,476 MBH 150 PSI Steam Gas Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	926,440.82	7,586.60
23 52 39 13-0161 150 PSI Oil Fired Steam Scotch Marine Boilers <small>(23 52 39 13-0138)</small>		
23 52 39 13-0162 EA 40 HP, 1,339 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	81,683.78	1,273.28
23 52 39 13-0163 EA 50 HP, 1,674 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	88,720.04	1,379.38
23 52 39 13-0164 EA 60 HP, 2,009 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	96,537.22	1,591.59
23 52 39 13-0165 EA 70 HP, 2,343 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	100,665.52	1,697.70
23 52 39 13-0166 EA 80 HP, 2,678 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	104,785.91	1,803.80
23 52 39 13-0167 EA 90 HP, 3,013 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	108,698.78	1,856.86
23 52 39 13-0168 EA 100 HP, 3,348 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	116,585.20	1,909.92
23 52 39 13-0169 EA 125 HP, 4,184 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	135,079.53	2,122.13
23 52 39 13-0170 EA 150 HP, 5,021 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	153,598.55	2,334.34
23 52 39 13-0171 EA 175 HP, 5,858 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	168,460.15	2,573.08
23 52 39 13-0172 EA 200 HP, 6,695 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	183,319.58	2,811.81
23 52 39 13-0173 EA 250 HP, 8,369 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	192,896.35	3,289.30
23 52 39 13-0174 EA 300 HP, 10,043 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	234,932.54	3,766.78
23 52 39 13-0175 EA 350 HP, 11,716 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	254,071.48	4,244.25
23 52 39 13-0176 EA 400 HP, 13,390 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	299,574.13	4,721.73
23 52 39 13-0177 EA 500 HP, 16,738 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	364,618.28	5,199.21
23 52 39 13-0178 EA 600 HP, 20,085 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	427,115.50	5,676.68
23 52 39 13-0179 EA 700 HP, 23,433 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	486,950.33	6,154.17
23 52 39 13-0180 EA 800 HP, 26,780 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	544,346.02	6,631.65
23 52 39 13-0181 EA 900 HP, 30,128 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	852,130.76	7,109.12
23 52 39 13-0182 EA 1,000 HP, 33,476 MBH 150 PSI Steam Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	927,338.98	7,586.60
23 52 39 13-0183 150 PSI Gas/Oil Fired Steam Scotch Marine Boilers <small>(23 52 39 13-0138)</small>		
23 52 39 13-0184 EA 40 HP, 1,339 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	91,150.41	1,273.28
23 52 39 13-0185 EA 50 HP, 1,674 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	99,002.96	1,379.38
23 52 39 13-0186 EA 60 HP, 2,009 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	103,848.60	1,591.59
23 52 39 13-0187 EA 70 HP, 2,343 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	108,276.41	1,697.70
23 52 39 13-0188 EA 80 HP, 2,678 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	112,696.30	1,803.80
23 52 39 13-0189 EA 90 HP, 3,013 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	116,911.61	1,856.86
23 52 39 13-0190 EA 100 HP, 3,348 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	121,124.72	1,909.92
23 52 39 13-0191 EA 125 HP, 4,184 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	140,356.07	2,122.13
23 52 39 13-0192 EA 150 HP, 5,021 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	159,609.15	2,334.34
23 52 39 13-0193 EA 175 HP, 5,858 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	175,049.21	2,573.08
23 52 39 13-0194 EA 200 HP, 6,695 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	190,490.02	2,811.81
23 52 39 13-0195 EA 250 HP, 8,369 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	200,386.85	3,289.30
23 52 39 13-0196 EA 300 HP, 10,043 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	244,093.80	3,766.78
23 52 39 13-0197 EA 350 HP, 11,716 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	263,949.19	4,244.25
23 52 39 13-0198 EA 400 HP, 13,390 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	311,269.41	4,721.73
23 52 39 13-0199 EA 500 HP, 16,738 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	378,947.42	5,199.21
23 52 39 13-0200 EA 600 HP, 20,085 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler Note: Burnham Series 3. Fire tested factory assembled unit.	443,963.99	5,676.68

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 52 39 13-0201 EA 700 HP, 23,433 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	506,215.40	6,154.17
23 52 39 13-0202 EA 800 HP, 26,780 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	565,921.95	6,631.65
23 52 39 13-0203 EA 900 HP, 30,128 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	886,451.45	7,109.12
23 52 39 13-0204 EA 1,000 HP, 33,476 MBH 150 PSI Steam Gas/Oil Fired Scotch Marine Boiler..... Note: Burnham Series 3. Fire tested factory assembled unit.	964,710.03	7,586.60

23 53 Heating Boiler Feedwater Equipment (23 50)

23 53 13 Boiler Feedwater Pumps (23 53)
See CSI section 23 53 16 00-0001 for boiler feedwater units.

23 53 16 Deaerators (23 53)

23 53 16 00-0001 Boiler Feed System (23 53 16)

23 53 16 00-0002 Low Pressure Boiler Feed System (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0003 EA 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	6,577.14	1,234.08
23 53 16 00-0004 EA 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,090.86	1,453.88
23 53 16 00-0005 EA 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,621.58	1,504.81
23 53 16 00-0006 EA 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	7,864.39	1,560.02
23 53 16 00-0007 EA 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	8,320.65	1,667.24
23 53 16 00-0008 EA 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	13,380.54	1,806.63
23 53 16 00-0009 EA 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	15,105.87	1,929.93
23 53 16 00-0010 EA 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	17,318.67	2,197.97
23 53 16 00-0011 EA 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	19,063.04	2,358.80
23 53 16 00-0012 EA 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, Low Pressure System	20,540.35	2,519.63

23 53 16 00-0013 High Pressure Boiler Feed System (23 53 16 00-0001)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0014 EA 10 HP, 100 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	9,182.55	1,052.13
23 53 16 00-0015 EA 20 HP, 200 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	9,556.39	1,234.08
23 53 16 00-0016 EA 34 HP, 340 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	10,627.13	1,453.88
23 53 16 00-0017 EA 54 HP, 530 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	11,491.10	1,504.81
23 53 16 00-0018 EA 67 HP, 660 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	11,689.54	1,560.02
23 53 16 00-0019 EA 78 HP, 760 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	14,127.19	1,667.24
23 53 16 00-0020 EA 104 HP, 1,020 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	18,414.42	1,806.63
23 53 16 00-0021 EA 158 HP, 1,550 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	18,882.33	1,929.93
23 53 16 00-0022 EA 183 HP, 1,800 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	20,777.70	2,066.74
23 53 16 00-0023 EA 219 HP, 2,150 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	22,361.45	2,197.97
23 53 16 00-0024 EA 254 HP, 2,500 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	23,921.17	2,358.80
23 53 16 00-0025 EA 305 HP, 3,000 KW Boiler Feed System With Deaerator, Pumps And Accessories, High Pressure System.....	25,807.59	2,519.63

23 53 16 00-0026 Boiler Feedwater System (23 53 16)

Note: With deaerator includes pumps and accessories.

23 53 16 00-0027 EA 1,380 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	11,461.28	1,453.88
23 53 16 00-0028 EA 2,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	14,965.52	1,665.64
23 53 16 00-0029 EA 4,300 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	19,781.71	1,906.34
23 53 16 00-0030 EA 6,900 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	23,806.79	2,199.05
23 53 16 00-0031 EA 8,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	25,263.80	2,358.80
23 53 16 00-0032 EA 11,000 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	26,648.06	2,519.63
23 53 16 00-0033 EA 13,800 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	29,658.51	2,895.01
23 53 16 00-0034 EA 17,250 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	38,402.13	3,323.98
23 53 16 00-0035 EA 20,700 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	49,909.05	3,840.78
23 53 16 00-0036 EA 27,600 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	63,228.85	4,408.82
23 53 16 00-0037 EA 34,500 LB/Hour Feedwater System With Deaerator, Pumps, And Accessories	81,107.11	5,072.50

23 53 16 00-0038 Duplex Vacuum Condensate Pumps (23 53 16)

23 53 16 00-0039 EA 7 CFM, 15 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 3/4 HP vacuum pumps rated for 7 CFM, two 3/4 HP condensate pumps rated for 15 GPM at 20 PSI and 45 GAL cast iron receiver. Skidmore JVC-7-45-102.	32,234.98	857.75
23 53 16 00-0040 EA 9 CFM, 30 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1 HP vacuum pumps rated for 9 CFM, two 3/4 HP condensate pumps rated for 30 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-9-45-201.5.	32,954.82	911.36
23 53 16 00-0041 EA 12 CFM, 45 GPM, 45 Gallon Duplex Vacuum Condensate Pump..... Note: Two 1-1/2 HP vacuum pumps rated for 12 CFM, two 1 HP condensate pumps rated for 45 GPM at 15 PSI and 45 GAL cast iron receiver. Skidmore JVC-12-45-301.5.	33,786.04	964.97
23 53 16 00-0042 EA 18 CFM, 37.5 GPM, 65 Gallon Duplex Vacuum Condensate Pump..... Note: Two 2 HP vacuum pumps rated for 18 CFM, two 1 HP condensate pumps rated for 37.5 GPM at 20 PSI and 65 GAL cast iron receiver. Skidmore JVC-18-65-252.	32,605.87	1,018.58
23 53 16 00-0043 EA 28 CFM, 60 GPM, 110 Gallon Duplex Vacuum Condensate Pump..... Note: Two 3 HP vacuum pumps rated for 28 CFM, two 1-1/2 HP condensate pumps rated for 60 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-28-110-402.	44,359.29	1,072.19
23 53 16 00-0044 EA 42 CFM, 75 GPM, 110 Gallon Duplex Vacuum Condensate Pump..... Note: Two 5 HP vacuum pumps rated for 42 CFM, two 2 HP condensate pumps rated for 75 GPM at 20 PSI and 110 GAL cast iron receiver. Skidmore JVC-42-110-502.	46,694.20	1,125.80

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 54 Furnaces**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**23 54 Furnaces** (23 50)

Note: All units based on output. See CSI section 23 84 13 00-0000 for humidifiers.

23 54 13 Electric-Resistance Furnaces (23 54)**23 54 13 00-0001 Down Flow Multi-Speed Air Handler/Electric Furnace** (23 54 13)

23 54 13 00-0002	EA	Up To 2 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,275.10	140.32
		Note: Excludes cooling equipment.		
23 54 13 00-0003	EA	>2 To 3.5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	1,675.13	175.41
		Note: Excludes cooling equipment.		
23 54 13 00-0004	EA	>3.5 To 5 Ton Down Flow Multi-Speed Air Handler/Electric Furnace	2,151.65	210.50
		Note: Excludes cooling equipment.		

23 54 13 00-0005 Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace (23 54 13)

23 54 13 00-0006	EA	Up To 2 Ton Up/Horizontal Flow Multi-Speed Air Handler/Electric Furnace	1,275.10	140.32
		Note: Excludes cooling equipment.		
23 54 13 00-0007	EA	>2 To 2.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,515.75	157.87
		Note: Excludes cooling equipment.		
23 54 13 00-0008	EA	>2.5 To 3 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,659.20	175.41
		Note: Excludes cooling equipment.		
23 54 13 00-0009	EA	>3 To 3.5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	1,745.30	192.96
		Note: Excludes cooling equipment.		
23 54 13 00-0010	EA	>3.5 To 5 Ton Up/Horizontal Flow Multi-Speed Air Handler/ Electric Furnace	2,151.65	210.50
		Note: Excludes cooling equipment.		

23 54 13 00-0011 Heating Coil For Air Handler/Electric Furnace (23 54 13)

23 54 13 00-0012	EA	5 KW Heating Coil For Air Handler/Electric Furnace	196.45	27.21
23 54 13 00-0013	EA	7 KW Heating Coil For Air Handler/Electric Furnace	224.85	29.93
23 54 13 00-0014	EA	10 KW Heating Coil For Air Handler/Electric Furnace	243.70	32.65
23 54 13 00-0015	EA	15 KW Heating Coil For Air Handler/Electric Furnace	334.25	35.37
23 54 13 00-0016	EA	20 KW Heating Coil For Air Handler/Electric Furnace	361.06	38.09

23 54 16 Fuel-Fired Furnaces (23 54)**23 54 16 13 Gas-Fired Furnaces** (23 54 16)**23 54 16 13-0001 Natural Gas Fired Forced Air Furnaces** (23 54 16 13)

Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.

23 54 16 13-0002 Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace (23 54 16 13-0001)

23 54 16 13-0003	EA	40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace.....	1,912.37	122.78
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0004	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace.....	2,046.26	140.32
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0005	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace.....	2,357.01	157.87
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0006	EA	100 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace.....	2,763.42	192.96
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0007	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, Two Stage 96% AFUE Gas Furnace.....	2,953.08	210.50
		Note: Blower cooling capacity up to 5 tons.		

23 54 16 13-0008 Up/Horizontal Flow Variable Speed, Two Stage 95% AFUE Gas Furnace (23 54 16 13-0001)

23 54 16 13-0009	EA	40 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,116.30	122.78
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0010	EA	60 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,323.49	140.32
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0011	EA	80 MBH, 1,200 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,472.95	157.87
		Note: Blower cooling capacity up to 3 tons.		
23 54 16 13-0012	EA	80 MBH, 1,600 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	3,144.06	175.41
		Note: Blower cooling capacity up to 3.5 tons.		
23 54 16 13-0013	EA	100 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	2,924.34	192.96
		Note: Blower cooling capacity up to 5 tons.		
23 54 16 13-0014	EA	120 MBH, 2,000 CFM Up/Horizontal Flow Variable Speed, Two Stage 96% AFUE Gas Furnace	3,090.10	210.50
		Note: Blower cooling capacity up to 5 tons.		

23 54 16 13-0015 Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace (23 54 16 13-0001)

23 54 16 13-0016	EA	45 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	1,877.24	122.78
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0017	EA	70 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	2,154.54	140.32
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0018	EA	90 MBH, 1,600 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	2,358.59	175.41
		Note: Blower cooling capacity up to 4 tons.		
23 54 16 13-0019	EA	90 MBH, 2,000 CFM Down Flow Multi-Speed, Two Stage 95% AFUE Gas Furnace	2,524.36	192.96
		Note: Blower cooling capacity up to 5 tons.		

23 54 16 13-0020 Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace (23 54 16 13-0001)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0021 EA 40 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,428.59	122.78
23 54 16 13-0022 EA 60 MBH, 1,200 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	2,568.86	140.32
23 54 16 13-0023 EA 80 MBH, 1,600 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	2,862.08	157.87
23 54 16 13-0024 EA 100 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 96% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	3,145.81	192.96
23 54 16 13-0025 EA 120 MBH, 2,000 CFM Down Flow Variable Speed, Two Stage 93% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	3,375.30	210.50
23 54 16 13-0026 Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace (23 54 16 13-0001)		
23 54 16 13-0027 EA 40 MBH, 800 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,717.98	122.78
23 54 16 13-0028 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,821.60	140.32
23 54 16 13-0029 EA 80 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	2,033.57	157.87
23 54 16 13-0030 EA 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	2,049.50	157.87
23 54 16 13-0031 EA 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,239.16	175.41
23 54 16 13-0032 EA 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,368.28	192.96
23 54 16 13-0033 EA 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 96% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	2,516.51	210.50
23 54 16 13-0034 Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace (23 54 16 13-0001)		
23 54 16 13-0035 EA 40 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,228.83	122.78
23 54 16 13-0036 EA 60 MBH, 1,200 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 3 tons.	1,349.99	140.32
23 54 16 13-0037 EA 60 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,541.24	157.87
23 54 16 13-0038 EA 80 MBH, 1,600 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 4 tons.	1,542.83	157.87
23 54 16 13-0039 EA 80 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,695.84	175.41
23 54 16 13-0040 EA 100 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,753.27	192.96
23 54 16 13-0041 EA 120 MBH, 2,000 CFM Up/Horizontal Flow Multi-Speed, One Stage 80% AFUE Gas Furnace Note: Blower cooling capacity up to 5 tons.	1,944.52	210.50
23 54 16 13-0042 Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace (23 54 16 13-0001)		
23 54 16 13-0043 EA 40 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,244.77	122.78
23 54 16 13-0044 EA 60 MBH, 1,200 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 3 tons.	1,354.77	140.32
23 54 16 13-0045 EA 80 MBH, 1,600 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 4 tons.	1,612.94	157.87
23 54 16 13-0046 EA 100 MBH, 2,000 CFM Down Flow Multi-Speed, One Stage 80% AFUE Gas Furnace..... Note: Blower cooling capacity up to 5 tons.	1,777.10	175.41
23 54 16 13-0047 75% AFUE Gas Wall/Recessed Furnace (23 54 16 13-0001)		
23 54 16 13-0048 EA 35 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace 23 54 16 13-0049 EA 55 MBH 75% AFUE Electronic Ignition Gas Wall/Recessed Furnace	2,015.79	105.24
23 54 16 13-0050 EA 35 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,832.56	105.24
23 54 16 13-0051 EA 40 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,960.06	114.08
23 54 16 13-0052 EA 50 MBH 75% AFUE Gas Wall/Recessed Furnace.....	1,952.13	122.78
23 54 16 13-0053 EA 65 MBH 75% AFUE Gas Wall/Recessed Furnace.....	2,015.97	131.62
23 54 16 13-0054 EA 75 MBH 75% AFUE Gas Wall/Recessed Furnace.....	2,083.00	131.62
23 54 16 13-0055 Gas Fired Indoor Duct Furnace (23 54 16 13-0001) Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0056 Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0055)		
23 54 16 13-0057 EA 100 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,596.02	273.64
23 54 16 13-0058 EA 150 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,900.25	336.79
23 54 16 13-0059 EA 200 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,319.09	484.13
23 54 16 13-0060 EA 250 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,743.90	547.28
23 54 16 13-0061 EA 300 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,362.03	631.48
23 54 16 13-0062 EA 350 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,810.42	757.77
23 54 16 13-0063 EA 400 MBH, Aluminized Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,526.35	1,010.37
23 54 16 13-0064 Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace (23 54 16 13-0055) Note: Includes burner, controls and electronic ignition.		
23 54 16 13-0065 EA 100 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	2,898.93	273.64

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 50 Central Heating Equipment

23 54 Furnaces



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 54 16 13-0066	EA		150 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,198.64	336.79
23 54 16 13-0067	EA		200 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	3,729.00	484.13
23 54 16 13-0068	EA		250 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	4,227.66	547.28
23 54 16 13-0069	EA		300 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,196.93	631.48
23 54 16 13-0070	EA		350 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	5,716.15	757.77
23 54 16 13-0071	EA		400 MBH, Stainless Steel Heat Exchanger Gas Fired Indoor Duct Furnace	6,382.35	1,010.37
23 54 16 16 Oil-Fired Furnaces (23 54 16)					
23 54 16 16-0001			Oil Fired Forced Air Furnaces (23 54 16 16) Note: Excludes flue, condenser, evaporator coil, piping, thermostat, ductwork and electrical connections.		
23 54 16 16-0002			Up Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0003	EA		72 MBH, 1,220 CFM Up Flow Single Speed, One Stage 84% AFUE Oil Furnace..... Note: Blower cooling capacity up to 3 tons.	3,225.30	140.32
23 54 16 16-0004	EA		95 MBH, 1,590 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 4 tons.	3,470.84	192.96
23 54 16 16-0005	EA		126 MBH, 1,835 CFM Up Flow Single Speed, One Stage 83% AFUE Oil Furnace..... Note: Blower cooling capacity up to 5 tons.	4,011.08	228.04
23 54 16 16-0006			Down/Horizontal Flow Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0007	EA		95 MBH, 1,210 CFM Down/Horizontal Flow Single Speed, One Stage 83% AFUE Oil Furnace	3,767.20	192.96
23 54 16 16-0008	EA		126 MBH, 2,005 CFM Down/Horizontal Flow Single Speed, One Stage 84% AFUE Oil Furnace	3,831.04	228.04
23 54 16 16-0009			Up Flow Lowboy Single Speed, One Stage 81% AFUE Oil Furnace (23 54 16 16-0001)		
23 54 16 16-0010	EA		95 MBH, 1,550 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	3,282.83	192.96
23 54 16 16-0011	EA		127 MBH, 2,130 CFM Up Flow Lowboy Single Speed, One Stage 83% AFUE Oil Furnace	3,896.37	228.04
23 54 19 Furnace Accessories (23 54)					
23 54 19 00-0001	EA		LP Gas Furnace Conversion Kit	228.58	35.08
23 54 19 00-0002	EA		1" Furnace External Filter Rack	68.41	
23 54 19 00-0003	EA		Removal And Reinstallation Of Forced Air Furnace	649.67	
23 55 Fuel-Fired Heaters (23 50)					
23 55 23 Gas-Fired Radiant Heaters (23 55)					
23 55 23 13 Low-Intensity Gas-Fired Radiant Heaters (23 55 23)					
23 55 23 13-0001			Infrared Heaters-Radiant Energy (23 55 23 13) Note: For spot localized or total heating, ceiling hung units, no fan required.		
23 55 23 13-0002			Gas Fired Electric Ignition Infrared Gas Heater (23 55 23 13-0001) Note: Ceramic combustion, surface chromized wire screen aluminized steel housing and polished aluminum reflector.		
23 55 23 13-0003	EA		15,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	899.02	107.22
23 55 23 13-0004	EA		37,500 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	993.60	117.94
23 55 23 13-0005	EA		50,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,062.46	117.94
23 55 23 13-0006	EA		75,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,332.32	141.53
23 55 23 13-0007	EA		100,000 BTU Infrared Gas Heater, Electric Ignition, Ceiling Hung Unit Without Fan.....	1,343.93	141.53
23 55 23 13-0008			Rolled Steel Or Aluminum Housing Infrared Electric Heater (23 55 23 13-0001) Note: Anodized aluminum reflector and quartz/tungsten tubular element with an inner heavy-duty coiled element.		
23 55 23 13-0009	EA		1,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,124.80	154.36
			<i>For Stainless Steel Housing, Add</i>	164.26	
23 55 23 13-0010	EA		3,200 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,195.56	154.36
			<i>For Stainless Steel Housing, Add</i>	181.95	
23 55 23 13-0011	EA		5,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,276.43	154.36
			<i>For Stainless Steel Housing, Add</i>	202.17	
23 55 23 13-0012	EA		7,300 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required	1,373.65	154.36
			<i>For Stainless Steel Housing, Add</i>	226.47	
23 55 23 13-0013	EA		10,950 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,493.57	168.39
			<i>For Stainless Steel Housing, Add</i>	252.36	
23 55 23 13-0014	EA		13,500 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	1,592.71	182.42
			<i>For Stainless Steel Housing, Add</i>	271.77	
23 55 23 13-0015	EA		24,000 Watt Infrared Elect Heater, Ceiling Hung Unit, No Fan Required.....	2,503.04	196.46
			<i>For Stainless Steel Housing, Add</i>	485.30	
23 55 23 13-0016			Gas Fired Tubular Infrared Heater (23 55 23 13-0001) Note: Per Tube Length. Includes controls and supports.		
23 55 23 13-0017			"U" Package (23 55 23 13-0016)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 55 23 13-0018 LF Up To 75 MBH Input Radiant Heater.....	90.48	5.36
23 55 23 13-0019 LF 76 To 105 MBH Input Radiant Heater.....	104.32	6.43
23 55 23 13-0020 LF 106 To 130 MBH Input Radiant Heater.....	127.72	7.51
23 55 23 13-0021 "S" Straight Package (23 55 23 13-0016)		
23 55 23 13-0022 LF Up To 75 MBH Input Radiant Heater.....	73.45	4.29
23 55 23 13-0023 LF 76 To 105 MBH Input Radiant Heater.....	93.67	5.36
23 55 23 13-0024 LF 106 To 130 MBH Input Radiant Heater.....	113.86	6.43
23 55 33 Fuel-Fired Unit Heaters (23 55)		
23 55 33 13 Oil-Fired Unit Heaters (23 55 33)		
23 55 33 13-0001 Oil Fired Unit Heater (23 55 33 13)		
23 55 33 13-0002 Horizontal Fan Propelled Oil Fired Unit Heater, 115 Volt (23 55 33 13-0001)		
23 55 33 13-0003 EA 97 MBH Output, 2,000 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	7,998.43	493.78
23 55 33 13-0004 EA 142 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	8,577.86	543.15
23 55 33 13-0005 EA 188 MBH Output, 3,200 CFM Oil Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	9,212.05	592.53
23 55 33 16 Gas-Fired Unit Heaters (23 55 33)		
23 55 33 16-0001 Gas Fired Unit Heaters (23 55 33 16)		
23 55 33 16-0002 Horizontal Fan Propelled Gas Fired Unit Heaters, 115 Volt (23 55 33 16-0001)		
23 55 33 16-0003 EA 24.3 MBH Output, 30 MBH Input, 500 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	1,990.63	185.16
23 55 33 16-0004 EA 36.5 MBH Output, 45 MBH Input, 750 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,176.04	222.20
23 55 33 16-0005 EA 48.6 MBH Output, 60 MBH Input, 1,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,209.98	222.20
23 55 33 16-0006 EA 60.8 MBH Output, 75 MBH Input, 1,250 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,411.75	259.23
23 55 33 16-0007 EA 72.9 MBH Output, 90 MBH Input, 1,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,651.48	296.27
23 55 33 16-0008 EA 81 MBH Output, 100 MBH Input, 1,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,846.03	314.78
23 55 33 16-0009 EA 101.3 MBH Output, 125 MBH Input, 2,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,931.61	314.78
23 55 33 16-0010 EA 121.5 MBH Output, 150 MBH Input, 2,400 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	2,858.27	314.78
23 55 33 16-0011 EA 141.8 MBH Output, 175 MBH Input, 2,850 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,404.62	333.30
23 55 33 16-0012 EA 162 MBH Output, 200 MBH Input, 3,200 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	3,738.73	333.30
23 55 33 16-0013 EA 202.5 MBH Output, 250 MBH Input, 3,450 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,015.80	333.30
23 55 33 16-0014 EA 243 MBH Output, 300 MBH Input, 5,000 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	4,804.39	370.34
23 55 33 16-0015 EA 283.5 MBH Output, 350 MBH Input, 5,600 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,431.86	370.34
23 55 33 16-0016 EA 324 MBH Output, 400 MBH Input, 5,800 CFM Gas Fired Unit Heater Fan Propelled, Horizontal, 115 Volt	5,826.39	407.37
23 55 33 16-0017 Removal And Reinstallation Of Unit Heaters (23 55 33 16)		
Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 55 33 16-0018 EA Removal And Reinstallation Of Up To 101.3 MBH Output Gas or Oil Unit Heater	616.50	
23 55 33 16-0019 EA Removal And Reinstallation Of >101.3 MBH Output Gas or Oil Unit Heater	830.94	
23 57 Heat Exchangers for HVAC (23 50)		
23 57 13 Steam-To-Steam Heat Exchangers (23 57)		
23 57 13 00-0001 Steam Generator Heat Exchanger (23 57 13)		
Note: 35 PSI generated steam using 180 degree feed water; 400 degree F water to valve.		
23 57 13 00-0002 EA 75 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	21,201.75	1,715.49
23 57 13 00-0003 EA 300 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	28,734.82	1,822.71
23 57 13 00-0004 EA 525 LB/Hour Steam Generator Heat Exchanger, 35 PSI.....	38,828.49	2,283.02
23 57 16 Steam-To-Water Heat Exchangers (23 57)		
23 57 16 00-0001 Heat Exchanger, Hot Water 40 To 180 Degree By Steam 10 PSI (23 57 16)		
Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes. Excludes controls expansion tank and accessories.		
23 57 16 00-0002 EA 8 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	2,473.37	268.05
<i>For Copper Nickel Tubes, Add</i>		
<i>For Bronze Head And Tube Sheet, Add</i>		
<i>For Double Wall Tube Bundles, Add</i>		
23 57 16 00-0003 EA 10 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	3,633.06	268.05
<i>For Copper Nickel Tubes, Add</i>		
<i>For Bronze Head And Tube Sheet, Add</i>		
<i>For Double Wall Tube Bundles, Add</i>		
23 57 16 00-0004 EA 40 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	5,493.50	375.27
<i>For Copper Nickel Tubes, Add</i>		
<i>For Bronze Head And Tube Sheet, Add</i>		
<i>For Double Wall Tube Bundles, Add</i>		
23 57 16 00-0005 EA 64 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube	8,629.22	375.27
<i>For Copper Nickel Tubes, Add</i>		
<i>For Bronze Head And Tube Sheet, Add</i>		
<i>For Double Wall Tube Bundles, Add</i>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 50 Central Heating Equipment****23 57 Heat Exchangers for HVAC**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 16 00-0006	EA		96 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	11,375.96	441.74
			<i>For Copper Nickel Tubes, Add</i>	1,003.57	
			<i>For Bronze Head And Tube Sheet, Add</i>	4,516.08	
			<i>For Double Wall Tube Bundles, Add</i>	1,505.36	
23 57 16 00-0007	EA		120 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	14,976.47	565.98
			<i>For Copper Nickel Tubes, Add</i>	1,317.95	
			<i>For Bronze Head And Tube Sheet, Add</i>	5,930.76	
			<i>For Double Wall Tube Bundles, Add</i>	1,976.92	
23 57 16 00-0008	EA		168 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	18,477.93	849.50
			<i>For Copper Nickel Tubes, Add</i>	1,614.18	
			<i>For Bronze Head And Tube Sheet, Add</i>	7,263.82	
			<i>For Double Wall Tube Bundles, Add</i>	2,421.27	
23 57 16 00-0009	EA		240 GPM Heat Exchanger By Steam At 10 PSI, 40-180 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	28,069.94	849.50
			<i>For Copper Nickel Tubes, Add</i>	2,514.98	
			<i>For Bronze Head And Tube Sheet, Add</i>	11,317.41	
			<i>For Double Wall Tube Bundles, Add</i>	3,772.47	

23 57 19 Liquid-To-Liquid Heat Exchangers (23 57)**23 57 19 13 Plate-Type, Liquid-To-Liquid Heat Exchangers (23 57 19)****23 57 19 13-0001 Plate And Frame Heat Exchanger (23 57 19 13)**

23 57 19 13-0002	EA		8" W x 18-7/8"H Plate And Frame Heat Exchanger.....	3,904.21	268.05
23 57 19 13-0003	EA		8" W x 24-9/16"H Plate And Frame Heat Exchanger.....	5,218.60	268.05
23 57 19 13-0004	EA		11-3/16" W x 34-11/16"H Plate And Frame Heat Exchanger.....	6,968.76	321.66
23 57 19 13-0005	EA		16-3/4" W x 46-1/4"H Plate And Frame Heat Exchanger.....	9,486.93	348.46
23 57 19 13-0006	EA		16-1/2" W x 49-5/8"H Plate And Frame Heat Exchanger.....	10,390.58	348.46
23 57 19 13-0007	EA		24" W x 57-11/16"H Plate And Frame Heat Exchanger.....	13,565.92	375.27
23 57 19 13-0008	EA		26-5/16" W x 56-5/8"H Plate And Frame Heat Exchanger.....	14,305.27	375.27
23 57 19 13-0009	EA		24-1/4" W x 68-3/8"H Plate And Frame Heat Exchanger.....	17,698.37	428.88
23 57 19 13-0010	EA		24" W x 69-11/16"H Plate And Frame Heat Exchanger.....	21,666.53	482.48
23 57 19 13-0011	EA		26-5/16" W x 68-3/4"H Plate And Frame Heat Exchanger.....	22,488.03	482.48
23 57 19 13-0012	EA		24" W x 89-13/16"H Plate And Frame Heat Exchanger.....	27,866.61	573.41
23 57 19 13-0013	EA		26-5/16" W x 88-9/16"H Plate And Frame Heat Exchanger.....	33,651.55	630.65
23 57 19 13-0014	EA		40-13/16" W x 89-1/4"H Plate And Frame Heat Exchanger.....	38,861.34	687.88

23 57 19 19 Copper Tube, Water-To-Water Heat Exchanger (23 57 19)**23 57 19 19-0001 Heat Exchanger Hot Water 40-140 Degree By Water At 200 Degree F (23 57 19)**

Note: Cast iron head steel shell 4 pass 3/4" outside diameter copper tubes.					
23 57 19 19-0002	EA		7 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	2,957.02	268.05
			<i>For Copper Nickel Tubes, Add</i>	259.96	
			<i>For Double Wall Tube Bundles, Add</i>	389.94	
23 57 19 19-0003	EA		16 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	4,116.71	268.05
			<i>For Copper Nickel Tubes, Add</i>	368.78	
			<i>For Double Wall Tube Bundles, Add</i>	553.17	
23 57 19 19-0004	EA		34 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	6,158.52	375.27
			<i>For Copper Nickel Tubes, Add</i>	562.24	
			<i>For Double Wall Tube Bundles, Add</i>	843.36	
23 57 19 19-0005	EA		55 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	8,815.93	375.27
			<i>For Copper Nickel Tubes, Add</i>	810.11	
			<i>For Double Wall Tube Bundles, Add</i>	1,215.17	
23 57 19 19-0006	EA		74 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	10,907.61	428.88
			<i>For Copper Nickel Tubes, Add</i>	997.53	
			<i>For Double Wall Tube Bundles, Add</i>	1,496.29	
23 57 19 19-0007	EA		86 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	14,549.91	428.88
			<i>For Copper Nickel Tubes, Add</i>	1,342.13	
			<i>For Double Wall Tube Bundles, Add</i>	2,013.19	
23 57 19 19-0008	EA		112 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	18,060.10	424.75
			<i>For Copper Nickel Tubes, Add</i>	1,668.59	
			<i>For Double Wall Tube Bundles, Add</i>	2,502.89	
23 57 19 19-0009	EA		126 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	22,465.60	424.75
			<i>For Copper Nickel Tubes, Add</i>	2,079.70	
			<i>For Double Wall Tube Bundles, Add</i>	3,119.54	
23 57 19 19-0010	EA		152 GPM Heat Exchanger By 200 Degree Water, 40-140 Degree, 4 Pass 3/4" Outside Diameter Copper Tube.....	28,724.49	424.75
			<i>For Copper Nickel Tubes, Add</i>	2,660.08	
			<i>For Double Wall Tube Bundles, Add</i>	3,990.11	

23 57 19 23 Refrigerant-To-Water Heat Exchanger (23 57 19)**23 57 19 23-0001 Heat Exchanger Refrigerant To Water (23 57 19 23)**

23 57 19 23-0002	EA		10 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	3,338.87	214.44
			<i>For Copper Nickel Tubes, Add</i>	291.00	
			<i>For Double Wall Tube Bundles, Add</i>	436.50	
23 57 19 23-0003	EA		53 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	8,944.74	357.36
			<i>For Copper Nickel Tubes, Add</i>	823.00	
			<i>For Double Wall Tube Bundles, Add</i>	1,234.49	
23 57 19 23-0004	EA		70 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	12,056.49	466.19
			<i>For Copper Nickel Tubes, Add</i>	1,112.58	
			<i>For Double Wall Tube Bundles, Add</i>	1,668.87	
23 57 19 23-0005	EA		87 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube.....	12,918.78	564.29
			<i>For Copper Nickel Tubes, Add</i>	1,179.25	
			<i>For Double Wall Tube Bundles, Add</i>	1,768.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 57 19 23-0006 EA 105 GPM Heat Exchanger By 385 Degree Water, 40-180 Degree, 3 Pass 3/4" Outside Diameter Copper Tube..... <i>For Copper Nickel Tubes, Add</i> <i>For Double Wall Tube Bundles, Add</i>	15,599.00 1,422.81 2,134.21	674.60

23 60 Central Cooling Equipment ⁽²³⁾

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 61 Refrigerant Compressors ^(23 60)

23 61 16 Reciprocating Refrigerant Compressors ^(23 61)

23 61 16 00-0001 Reciprocating Open Type Refrigerant Compressors ^(23 61 16)

Note: Includes manual reversible oil pump and automatic pressure regulator. Excludes muffler, vibration isolators, crank case oil heaters, couplings and flywheel.

23 61 16 00-0002 EA 1/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	603.45	101.65
23 61 16 00-0003 EA 1/3 Ton Refrigerant Compressor, Reciprocating Open Type.....	713.83	101.65
23 61 16 00-0004 EA 1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	967.02	127.02
23 61 16 00-0005 EA 3/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,194.69	127.02
23 61 16 00-0006 EA 1 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,332.67	127.02
23 61 16 00-0007 EA 1-1/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,350.88	132.15
23 61 16 00-0008 EA 1-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,358.93	132.15
23 61 16 00-0009 EA 1-3/4 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,491.95	142.31
23 61 16 00-0010 EA 2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,604.27	152.48
23 61 16 00-0011 EA 2-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,748.77	162.64
23 61 16 00-0012 EA 3 Ton Refrigerant Compressor, Reciprocating Open Type.....	1,985.63	162.64
23 61 16 00-0013 EA 3-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	2,226.72	172.80
23 61 16 00-0014 EA 4 Ton Refrigerant Compressor, Reciprocating Open Type.....	2,274.67	182.97
23 61 16 00-0015 EA 4-1/2 Ton Refrigerant Compressor, Reciprocating Open Type.....	2,312.40	188.01
23 61 16 00-0016 EA 5 Ton Refrigerant Compressor, Reciprocating Open Type.....	3,489.99	984.21
23 61 16 00-0017 EA 7.5 Ton Refrigerant Compressor, Reciprocating Open Type.....	5,233.77	1,124.76
23 61 16 00-0018 EA 10 Ton Refrigerant Compressor, Reciprocating Open Type.....	6,977.67	1,265.42
23 61 16 00-0019 EA 12.5 Ton Refrigerant Compressor, Reciprocating Open Type.....	9,196.34	1,370.77
23 61 16 00-0020 EA 15 Ton Refrigerant Compressor, Reciprocating Open Type.....	11,415.33	1,476.32
23 61 16 00-0021 EA 20 Ton Refrigerant Compressor, Reciprocating Open Type.....	13,698.40	1,771.58
23 61 16 00-0022 EA 25 Ton Refrigerant Compressor, Reciprocating Open Type.....	16,466.10	1,904.11
23 61 16 00-0023 EA 30 Ton Refrigerant Compressor, Reciprocating Open Type.....	19,120.38	2,013.17
23 61 16 00-0024 EA 50 Ton Refrigerant Compressor, Reciprocating Open Type.....	25,027.09	2,271.29
23 61 16 00-0025 EA 60 Ton Refrigerant Compressor, Reciprocating Open Type.....	29,486.20	2,330.85
23 61 16 00-0026 EA 70 Ton Refrigerant Compressor, Reciprocating Open Type.....	36,857.64	2,390.32
23 61 16 00-0027 EA 75 Ton Refrigerant Compressor, Reciprocating Open Type.....	38,701.44	2,420.15
23 61 16 00-0028 EA 80 Ton Refrigerant Compressor, Reciprocating Open Type.....	40,468.10	2,449.88
23 61 16 00-0029 EA 90 Ton Refrigerant Compressor, Reciprocating Open Type.....	43,775.09	2,509.36
23 61 16 00-0030 EA 100 Ton Refrigerant Compressor, Reciprocating Open Type.....	46,778.20	2,569.02
23 61 16 00-0031 EA 110 Ton Refrigerant Compressor, Reciprocating Open Type.....	50,139.68	2,934.80
23 61 16 00-0032 EA 120 Ton Refrigerant Compressor, Reciprocating Open Type.....	52,537.24	3,000.47
23 61 16 00-0033 EA 130 Ton Refrigerant Compressor, Reciprocating Open Type.....	54,590.02	3,038.67
23 61 16 00-0034 EA 140 Ton Refrigerant Compressor, Reciprocating Open Type.....	56,421.05	3,132.68
23 61 16 00-0035 EA 150 Ton Refrigerant Compressor, Reciprocating Open Type.....	57,904.47	3,198.36
23 61 16 00-0036 EA 175 Ton Refrigerant Compressor, Reciprocating Open Type.....	59,420.10	3,286.01
23 61 16 00-0037 EA 185 Ton Refrigerant Compressor, Reciprocating Open Type.....	60,856.31	3,321.34
23 61 16 00-0038 EA 200 Ton Refrigerant Compressor, Reciprocating Open Type.....	62,323.08	3,376.30
23 61 16 00-0039 EA 225 Ton Refrigerant Compressor, Reciprocating Open Type.....	64,061.61	3,604.01
23 61 16 00-0040 EA 250 Ton Refrigerant Compressor, Reciprocating Open Type.....	65,745.84	3,798.29

23 61 16 00-0041 Reciprocating Hermetic Type Refrigerant Compressors ^(23 61 16)

Note: Includes automatic reversible oil pump, suction and discharge shut-off valves, device for loading and unloading compressor cylinders and crank case oil heater. Excludes mufflers and vibration isolators.

23 61 16 00-0042 Reciprocating Hermetic Type Refrigerant Compressors <5 Tons ^(23 61 16 00-0041)

23 61 16 00-0043 EA 1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,014.58	101.65
23 61 16 00-0044 EA 1/3 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,049.11	101.65
23 61 16 00-0045 EA 1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,134.46	127.02
23 61 16 00-0046 EA 3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,168.96	127.02
23 61 16 00-0047 EA 1 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,186.23	127.02
23 61 16 00-0048 EA 1-1/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,224.01	132.15
23 61 16 00-0049 EA 1-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,261.99	132.15
23 61 16 00-0050 EA 1-3/4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,354.81	142.31
23 61 16 00-0051 EA 2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,444.20	152.48
23 61 16 00-0052 EA 2-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,568.08	162.64
23 61 16 00-0053 EA 3 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,637.13	162.64
23 61 16 00-0054 EA 3-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	1,761.01	172.80
23 61 16 00-0055 EA 4 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	2,092.06	182.97
23 61 16 00-0056 EA 4-1/2 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	2,292.07	188.01

23 61 16 00-0057 Reciprocating Hermetic Type Refrigerant Compressors ^(23 61 16 00-0041)

23 61 16 00-0058 EA 5 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	2,876.85	506.17
23 61 16 00-0059 EA 10 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	5,486.10	632.70
23 61 16 00-0060 EA 15 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	9,171.28	770.27
23 61 16 00-0061 EA 20 Ton Refrigerant Compressor, Reciprocating Hermetic Type.....	11,686.19	885.79

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 61 Refrigerant Compressors**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 61 16 00-0062 EA 25 Ton Refrigerant Compressor, Reciprocating Hermetic Type	12,906.05	984.21
23 61 16 00-0063 EA 30 Ton Refrigerant Compressor, Reciprocating Hermetic Type	14,308.45	1,107.24
23 61 16 00-0064 EA 35 Ton Refrigerant Compressor, Reciprocating Hermetic Type	18,512.91	1,265.42
23 61 16 00-0065 EA 40 Ton Refrigerant Compressor, Reciprocating Hermetic Type	23,823.56	1,265.42
23 61 16 00-0066 EA 50 Ton Refrigerant Compressor, Reciprocating Hermetic Type	29,427.50	1,476.32
23 61 16 00-0067 EA 60 Ton Refrigerant Compressor, Reciprocating Hermetic Type	33,133.04	1,581.77
23 61 16 00-0068 EA 70 Ton Refrigerant Compressor, Reciprocating Hermetic Type	35,008.28	1,657.67
23 61 16 00-0069 EA 75 Ton Refrigerant Compressor, Reciprocating Hermetic Type	35,988.32	1,739.56
23 61 16 00-0070 EA 80 Ton Refrigerant Compressor, Reciprocating Hermetic Type	37,011.63	1,746.31
23 61 16 00-0071 EA 90 Ton Refrigerant Compressor, Reciprocating Hermetic Type	38,878.45	1,828.49
23 61 16 00-0072 EA 100 Ton Refrigerant Compressor, Reciprocating Hermetic Type	40,764.31	1,904.11

23 61 19 Scroll Refrigerant Compressors (23 61)**23 61 19 00-0001 Scroll Refrigerant Compressors (23 61 19)**

23 61 19 00-0002 EA Up To 3 Ton Scroll Refrigerant Compressor	1,291.76	162.45
23 61 19 00-0003 EA 3.5 Ton Scroll Refrigerant Compressor	1,354.51	172.91
23 61 19 00-0004 EA 4 Ton Scroll Refrigerant Compressor	1,387.86	182.88
23 61 19 00-0005 EA 4.5 Ton Scroll Refrigerant Compressor	1,415.04	188.11
23 61 19 00-0006 EA 5 Ton Scroll Refrigerant Compressor	1,753.26	237.50
23 61 19 00-0007 EA 7.5 Ton Scroll Refrigerant Compressor	3,335.46	356.26
23 61 19 00-0008 EA 8.75 Ton Scroll Refrigerant Compressor	3,816.58	415.63
23 61 19 00-0009 EA 10 Ton Scroll Refrigerant Compressor	4,276.34	475.01
23 61 19 00-0010 EA 12 Ton Scroll Refrigerant Compressor	5,168.03	570.00
23 61 19 00-0011 EA 13.5 Ton Scroll Refrigerant Compressor	6,092.63	641.25
23 61 19 00-0012 EA 15 Ton Scroll Refrigerant Compressor	7,144.92	712.51
23 61 19 00-0013 EA 20 Ton Scroll Refrigerant Compressor	10,067.87	950.01
23 61 19 00-0014 EA 25 Ton Scroll Refrigerant Compressor	11,354.03	1,187.51
23 61 19 00-0015 EA 30 Ton Scroll Refrigerant Compressor	12,144.75	1,425.02

23 61 23 Rotary-Screw Refrigerant Compressors (23 61)**23 61 23 00-0001 Rotary Screw Type Refrigerant Compressors (23 61 23)**

23 61 23 00-0002 EA 75 Ton Refrigerant Compressor, Rotary Screw Type	42,037.89	2,420.15
23 61 23 00-0003 EA 80 Ton Refrigerant Compressor, Rotary Screw Type	43,320.93	2,449.88
23 61 23 00-0004 EA 90 Ton Refrigerant Compressor, Rotary Screw Type	46,102.87	2,509.36
23 61 23 00-0005 EA 100 Ton Refrigerant Compressor, Rotary Screw Type	48,855.48	2,569.02
23 61 23 00-0006 EA 110 Ton Refrigerant Compressor, Rotary Screw Type	52,742.15	2,934.80
23 61 23 00-0007 EA 120 Ton Refrigerant Compressor, Rotary Screw Type	55,970.41	3,000.47
23 61 23 00-0008 EA 130 Ton Refrigerant Compressor, Rotary Screw Type	59,128.78	3,038.67
23 61 23 00-0009 EA 140 Ton Refrigerant Compressor, Rotary Screw Type	62,397.37	3,132.68
23 61 23 00-0010 EA 150 Ton Refrigerant Compressor, Rotary Screw Type	65,628.42	3,198.36
23 61 23 00-0011 EA 170 Ton Refrigerant Compressor, Rotary Screw Type	70,173.13	3,286.01
23 61 23 00-0012 EA 185 Ton Refrigerant Compressor, Rotary Screw Type	73,354.40	3,321.34
23 61 23 00-0013 EA 200 Ton Refrigerant Compressor, Rotary Screw Type	74,834.68	3,376.30
23 61 23 00-0014 EA 215 Ton Refrigerant Compressor, Rotary Screw Type	84,009.76	3,604.01
23 61 23 00-0015 EA 225 Ton Refrigerant Compressor, Rotary Screw Type	93,061.63	3,798.29

23 62 Packaged Compressor and Condenser Units (23 60)**23 62 13 Packaged Air-Cooled Refrigerant Compressor and Condenser Units (23 62)****23 62 13 00-0001 Combination Direct-Expansion Liquid Cooler And Compressors (23 62 13)**

Note: Shell and tube type. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0002 EA 1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	6,815.24	877.81
23 62 13 00-0003 EA 5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	15,189.34	940.51
23 62 13 00-0004 EA 10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	26,722.30	1,003.21
23 62 13 00-0005 EA 15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	31,663.88	1,065.92
23 62 13 00-0006 EA 20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	37,574.81	1,128.61
23 62 13 00-0007 EA 25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	41,642.08	1,254.01
23 62 13 00-0008 EA 30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	42,845.62	1,408.60
23 62 13 00-0009 EA 40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	46,190.74	1,680.42
23 62 13 00-0010 EA 50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	49,285.55	1,820.45
23 62 13 00-0011 EA 60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	56,492.92	1,960.49
23 62 13 00-0012 EA 75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	63,871.10	2,170.54
23 62 13 00-0013 EA 80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	67,510.68	2,257.90
23 62 13 00-0014 EA 90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	76,230.56	2,399.02
23 62 13 00-0015 EA 100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube	83,326.12	2,540.14

23 62 13 00-0016 Direct-Expansion Liquid Cooler Shell And Tube Type (23 62 13)

Note: For built-up systems. Chilled water temperature rise is 12 degree F. Rated by cooling capacity in tons. Excludes compressors. Includes power panel, factory wired and installed control panel, pressure and safety switches and gauges for oil pressure and high and low refrigerant pressure, flow switches, phase monitoring, sight glasses and filter dryers, start-up costs and equipment rigging. Units greater than 5 tons include dual compressors. Excludes motor starter, piping or power wiring.

23 62 13 00-0017 EA 1 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems	6,502.21	877.81
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 62 13 00-0018 EA 5 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	13,407.65	940.51
23 62 13 00-0019 EA 10 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	20,958.27	1,003.21
23 62 13 00-0020 EA 15 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	22,637.12	1,065.92
23 62 13 00-0021 EA 20 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	24,315.98	1,128.61
23 62 13 00-0022 EA 25 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	28,825.59	1,254.01
23 62 13 00-0023 EA 30 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	32,659.49	1,408.60
23 62 13 00-0024 EA 40 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	41,998.53	1,680.42
23 62 13 00-0025 EA 50 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	47,106.26	1,820.45
23 62 13 00-0026 EA 60 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	50,993.91	1,960.49
23 62 13 00-0027 EA 75 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	58,635.37	2,170.54
23 62 13 00-0028 EA 80 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	62,108.88	2,257.90
23 62 13 00-0029 EA 90 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	68,134.61	2,399.02
23 62 13 00-0030 EA 100 Ton Chiller, Direct-Expansion Liquid Cooler Shell And Tube For Built-Up Systems.....	77,707.58	2,540.14

23 62 13 00-0031 Packaged Chiller With Remote Air Cooled Condenser (23 62 13)

Note: With remote air cooled condenser rated by cooling capacity. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, vibration eliminators, phase monitoring for 3 phase units, start-up and equipment rigging. Units include dual compressors. Excludes piping and power wiring.

23 62 13 00-0032 EA 15 Ton Packaged Chiller With Remote Air Cooled Condensers.....	35,413.54	8,164.66
<i>For Gas Fired Engine Driven, Add</i>	5,858.63	
23 62 13 00-0033 EA 20 Ton Packaged Chiller With Remote Air Cooled Condensers.....	39,769.40	8,605.98
<i>For Gas Fired Engine Driven, Add</i>	6,663.63	
23 62 13 00-0034 EA 25 Ton Packaged Chiller With Remote Air Cooled Condensers.....	45,945.41	9,365.25
<i>For Gas Fired Engine Driven, Add</i>	7,784.99	
23 62 13 00-0035 EA 30 Ton Packaged Chiller With Remote Air Cooled Condensers.....	51,188.84	9,950.64
<i>For Gas Fired Engine Driven, Add</i>	8,745.92	
23 62 13 00-0036 EA 40 Ton Packaged Chiller With Remote Air Cooled Condensers.....	63,478.91	10,979.99
<i>For Gas Fired Engine Driven, Add</i>	11,049.61	
23 62 13 00-0037 EA 50 Ton Packaged Chiller With Remote Air Cooled Condensers.....	69,776.06	11,372.09
<i>For Gas Fired Engine Driven, Add</i>	12,250.24	
23 62 13 00-0038 EA 60 Ton Packaged Chiller With Remote Air Cooled Condensers.....	75,789.28	12,246.89
<i>For Gas Fired Engine Driven, Add</i>	13,321.74	
23 62 13 00-0039 EA 70 Ton Packaged Chiller With Remote Air Cooled Condensers.....	91,592.45	13,103.75
<i>For Gas Fired Engine Driven, Add</i>	16,329.36	
23 62 13 00-0040 EA 75 Ton Packaged Chiller With Remote Air Cooled Condensers.....	92,670.01	13,370.16
<i>For Gas Fired Engine Driven, Add</i>	16,529.47	
23 62 13 00-0041 EA 80 Ton Packaged Chiller With Remote Air Cooled Condensers.....	94,465.10	13,951.52
<i>For Gas Fired Engine Driven, Add</i>	16,801.34	
23 62 13 00-0042 EA 90 Ton Packaged Chiller With Remote Air Cooled Condensers.....	104,520.77	14,585.71
<i>For Gas Fired Engine Driven, Add</i>	18,717.39	
23 62 13 00-0043 EA 100 Ton Packaged Chiller With Remote Air Cooled Condensers.....	115,357.33	15,280.29
<i>For Gas Fired Engine Driven, Add</i>	20,780.57	
23 62 13 00-0044 EA 110 Ton Packaged Chiller With Remote Air Cooled Condensers.....	127,604.04	16,044.26
<i>For Gas Fired Engine Driven, Add</i>	23,115.37	
23 62 13 00-0045 EA 120 Ton Packaged Chiller With Remote Air Cooled Condensers.....	137,825.71	16,888.73
<i>For Gas Fired Engine Driven, Add</i>	25,033.10	
23 62 13 00-0046 EA 140 Ton Packaged Chiller With Remote Air Cooled Condensers.....	151,826.28	17,826.95
<i>For Gas Fired Engine Driven, Add</i>	27,692.55	

23 62 23 Packaged Water-Cooled Refrigerant Compressor and Condenser Units (23 62)

23 62 23 00-0001 Water Cooled Condensing Units (23 62 23)

Note: Includes compressor, condenser and motor, and equipment rigging. Excludes piping and power wiring.

23 62 23 00-0002 EA 5 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	7,873.62	686.35
23 62 23 00-0003 EA 10 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	11,950.28	1,002.37
23 62 23 00-0004 EA 15 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	13,695.49	1,086.32
23 62 23 00-0005 EA 20 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	16,992.11	1,303.58
23 62 23 00-0006 EA 30 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	18,328.71	1,533.68
23 62 23 00-0007 EA 60 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	39,104.09	2,312.85
23 62 23 00-0008 EA 80 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	48,546.53	2,791.40
23 62 23 00-0009 EA 120 Ton Water Cooled Condensing Unit With Compressor, Condenser And Motor.....	67,293.21	3,054.22

23 63 Refrigerant Condensers (23 60)

23 63 13 Air-Cooled Refrigerant Condensers (23 63)

23 63 13 00-0001 Air Cooled Condensing Units (23 63 13)

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers and phase monitoring for 3 phase units and equipment rigging. Meets minimum ASHRAE EER requirements. Excludes piping and power wiring.

23 63 13 00-0002 EA 6 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	5,021.22	686.35
<i>For >10 To 25, Deduct</i>	-119.45	
<i>For >25 To 50, Deduct</i>	-199.08	
<i>For >50, Deduct</i>	-318.53	
<i>For Winter Start Control, Add</i>	263.22	
<i>For Low Ambient Protection, 0 Degree F, Add</i>	777.50	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 63 Refrigerant Condensers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63	13 00-0003	EA	7.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	6,012.46	814.74
			<i>For >10 To 25, Deduct</i>	-143.34	
			<i>For >25 To 50, Deduct</i>	-238.90	
			<i>For >50, Deduct</i>	-382.24	
			<i>For Winter Start Control, Add</i>	219.01	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	690.85	
23 63	13 00-0004	EA	10 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	7,804.49	1,002.37
			<i>For >10 To 25, Deduct</i>	-188.56	
			<i>For >25 To 50, Deduct</i>	-314.26	
			<i>For >50, Deduct</i>	-502.81	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	819.79	
			<i>For Winter Start Control, Add</i>	277.64	
23 63	13 00-0005	EA	12.5 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	9,612.93	1,042.87
			<i>For >10 To 25, Deduct</i>	-240.98	
			<i>For >25 To 50, Deduct</i>	-401.64	
			<i>For >50, Deduct</i>	-642.63	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	957.32	
			<i>For Winter Start Control, Add</i>	318.67	
23 63	13 00-0006	EA	15 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	11,426.43	1,086.32
			<i>For >10 To 25, Deduct</i>	-293.42	
			<i>For >25 To 50, Deduct</i>	-489.03	
			<i>For >50, Deduct</i>	-782.44	
			<i>For Winter Start Control, Add</i>	262.40	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	998.31	
23 63	13 00-0007	EA	20 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	14,705.80	1,303.58
			<i>For >10 To 25, Deduct</i>	-381.92	
			<i>For >25 To 50, Deduct</i>	-636.53	
			<i>For >50, Deduct</i>	-1,018.45	
			<i>For Winter Start Control, Add</i>	324.82	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,257.62	
23 63	13 00-0008	EA	25 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	16,713.45	1,402.33
			<i>For >10 To 25, Deduct</i>	-437.72	
			<i>For >25 To 50, Deduct</i>	-729.53	
			<i>For >50, Deduct</i>	-1,167.25	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,333.20	
			<i>For Winter Start Control, Add</i>	358.19	
23 63	13 00-0009	EA	30 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	19,151.32	1,530.72
			<i>For >10 To 25, Deduct</i>	-505.06	
			<i>For >25 To 50, Deduct</i>	-841.76	
			<i>For >50, Deduct</i>	-1,346.82	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,420.77	
			<i>For Winter Start Control, Add</i>	399.96	
23 63	13 00-0010	EA	40 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	26,326.52	1,839.76
			<i>For >10 To 25, Deduct</i>	-704.68	
			<i>For >25 To 50, Deduct</i>	-1,174.46	
			<i>For >50, Deduct</i>	-1,879.14	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,883.79	
			<i>For Winter Start Control, Add</i>	518.62	
23 63	13 00-0011	EA	50 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	31,986.44	2,312.85
			<i>For >10 To 25, Deduct</i>	-852.59	
			<i>For >25 To 50, Deduct</i>	-1,420.98	
			<i>For >50, Deduct</i>	-2,273.56	
			<i>For Winter Start Control, Add</i>	498.79	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,028.50	
23 63	13 00-0012	EA	60 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	36,810.72	2,552.67
			<i>For >10 To 25, Deduct</i>	-989.34	
			<i>For >25 To 50, Deduct</i>	-1,648.90	
			<i>For >50, Deduct</i>	-2,638.23	
			<i>For Winter Start Control, Add</i>	548.17	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,277.32	
23 63	13 00-0013	EA	80 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	47,595.58	2,791.40
			<i>For >10 To 25, Deduct</i>	-1,298.72	
			<i>For >25 To 50, Deduct</i>	-2,164.54	
			<i>For >50, Deduct</i>	-3,463.26	
			<i>For Winter Start Control, Add</i>	646.94	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	2,807.84	
23 63	13 00-0014	EA	100 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	65,563.10	2,513.35
			<i>For >10 To 25, Deduct</i>	-1,813.40	
			<i>For >25 To 50, Deduct</i>	-3,022.33	
			<i>For >50, Deduct</i>	-4,835.73	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	3,092.51	
			<i>For Winter Start Control, Add</i>	813.88	
23 63	13 00-0015	EA	120 Ton Air Cooled Condensing Unit With Compressor, Condenser, Fan And Motor.....	80,647.80	2,598.55
			<i>For >10 To 25, Deduct</i>	-2,260.74	
			<i>For >25 To 50, Deduct</i>	-3,767.90	
			<i>For >50, Deduct</i>	-6,028.63	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	3,583.21	

23 63 13 00-0016 Air Cooled Condensing Units (23 63 13)

Note: Includes compressor(s), condenser, fan, motors, discharge/suction gauges, sight glass, fan cycling controls, standard oil hi/low safety control switches, standard controls and liquid line filter dryers, 14 SEER, 1 or 3 phase and equipment rigging. Higher SEER ratings can be obtained by oversizing evaporators. Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping and power wiring.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63 13 00-0017 EA 1.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,169.46	456.50
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-44.54	
For >25 To 50, Deduct	-74.24	
For >50, Deduct	-118.78	
For 15 SEER, Add	356.33	
For 16 SEER, Add	608.73	
For 18 SEER, Add	1,276.85	
23 63 13 00-0018 EA 2 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,340.14	507.47
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-47.38	
For >25 To 50, Deduct	-78.97	
For >50, Deduct	-126.34	
For 15 SEER, Add	379.03	
For 16 SEER, Add	647.52	
For 18 SEER, Add	1,358.21	
23 63 13 00-0019 EA 2.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,491.59	558.22
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-49.64	
For >25 To 50, Deduct	-82.73	
For >50, Deduct	-132.37	
For 15 SEER, Add	397.12	
For 16 SEER, Add	678.41	
For 18 SEER, Add	1,423.02	
23 63 13 00-0020 EA 3 Ton, 14 SEER, Air Cooled Condensing Unit.....	2,848.26	608.66
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-58.06	
For >25 To 50, Deduct	-96.76	
For >50, Deduct	-154.82	
For 15 SEER, Add	464.46	
For 16 SEER, Add	793.46	
For 18 SEER, Add	1,664.32	
23 63 13 00-0021 EA 3.5 Ton, 14 SEER, Air Cooled Condensing Unit.....	3,022.14	659.72
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-60.99	
For >25 To 50, Deduct	-101.65	
For >50, Deduct	-162.64	
For 15 SEER, Add	487.93	
For 16 SEER, Add	833.55	
For 18 SEER, Add	1,748.43	
23 63 13 00-0022 EA 4 Ton, 14 SEER, Air Cooled Condensing Unit.....	3,357.97	710.47
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-68.78	
For >25 To 50, Deduct	-114.64	
For >50, Deduct	-183.42	
For 15 SEER, Add	550.27	
For 16 SEER, Add	940.05	
For 18 SEER, Add	1,971.81	
23 63 13 00-0023 EA 5 Ton, 14 SEER, Air Cooled Condensing Unit.....	3,773.09	760.83
Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.		
For >10 To 25, Deduct	-78.96	
For >25 To 50, Deduct	-131.59	
For >50, Deduct	-210.55	
For 15 SEER, Add	631.64	
For 16 SEER, Add	1,079.05	
For 18 SEER, Add	2,263.38	

23 63 13 00-0024 Removal And Reinstallation Of AC Condensing Unit (23 63 13)

Note: Includes storage and cleaning.		
23 63 13 00-0025 EA Removal And Reinstallation Of Up To 5 Tons Air Cooled Condensing Unit	467.76	
23 63 13 00-0026 EA Removal And Reinstallation Of 7.5 To 15 Tons Air Cooled Condensing Unit.....	1,754.11	
23 63 13 00-0027 EA Removal And Reinstallation Of 20 To 40 Tons Air Cooled Condensing Unit.....	2,074.70	

23 63 23 Water-Cooled Refrigerant Condensers (23 63)

23 63 23 00-0001 Water Cooled Condensers (23 63 23)

Note: Steel shell and copper tube type. Includes equipment rigging.		
23 63 23 00-0002 EA 15 Ton Water Cooled Condenser, Shell And Tube Type.....	9,943.54	373.36
For Saddle Legs, Add	745.52	
23 63 23 00-0003 EA 20 Ton Water Cooled Condenser, Shell And Tube Type.....	12,925.53	501.61
For Saddle Legs, Add	967.16	
23 63 23 00-0004 EA 25 Ton Water Cooled Condenser, Shell And Tube Type.....	16,917.25	627.01
For Saddle Legs, Add	1,269.40	
For Dual Compressor, Add	798.36	
23 63 23 00-0005 EA 30 Ton Water Cooled Condenser, Shell And Tube Type.....	17,747.98	762.86
For Saddle Legs, Add	1,319.02	
For Dual Compressor, Add	829.57	
23 63 23 00-0006 EA 40 Ton Water Cooled Condenser, Shell And Tube Type.....	21,195.12	975.66
For Saddle Legs, Add	1,567.53	
For Dual Compressor, Add	985.87	
23 63 23 00-0007 EA 50 Ton Water Cooled Condenser, Shell And Tube Type.....	24,214.03	1,097.27
For Saddle Legs, Add	1,792.85	
For Dual Compressor, Add	1,127.58	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 63 Refrigerant Condensers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 63	23 00-0008	EA	60 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	29,474.25 2,192.15 1,378.71	1,254.01
23 63	23 00-0009	EA	75 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	36,394.71 2,717.15 1,708.90	1,463.01
23 63	23 00-0010	EA	100 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	39,970.46 2,950.36 1,855.57	1,887.68
23 63	23 00-0011	EA	150 Ton Water Cooled Condenser, Shell And Tube Type..... <i>For Saddle Legs, Add</i> <i>For Dual Compressor, Add</i>	57,850.10 4,327.96 2,721.99	2,250.57

23 64 Packaged Water Chillers (23 60)

See CSI section 26 29 23 00-0000 for variable frequency motor controllers.

23 64 13 Absorption Water Chillers (23 64)**23 64 13 16 Indirect-Fired Absorption Water Chillers** (23 64 13)**23 64 13 16-0001 Packaged, Steam Driven, Water Cooled Absorption Chillers** (23 64 13 16)

Note: Includes refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, and all accessories, controls (water temperature controller with PE switches, flow switch, etc.) factory wired and installed control panel, and also includes start-up. Price includes closed transition starter. (rated by cooling capacity in tons). Units are factory assembled package type consisting of motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, controls, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Exclude piping and power wiring.

23 64	13 16-0002	EA	50 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	195,185.16 127,718.32	11,139.13
23 64	13 16-0003	EA	100 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	246,448.91 162,251.04	12,828.99
23 64	13 16-0004	EA	150 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	312,388.13 207,638.76	13,791.16
23 64	13 16-0005	EA	200 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	346,973.70 231,078.92	14,753.34
23 64	13 16-0006	EA	250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	387,457.91 259,075.76	15,180.98
23 64	13 16-0007	EA	300 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	436,430.11 292,928.67	15,715.52
23 64	13 16-0008	EA	350 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	467,983.00 314,588.05	16,250.05
23 64	13 16-0009	EA	400 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	556,790.10 376,068.81	17,105.32
23 64	13 16-0010	EA	500 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	623,181.63 422,115.25	17,639.86
23 64	13 16-0011	EA	650 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	754,895.57 513,887.37	18,174.41
23 64	13 16-0012	EA	750 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	818,428.96 557,334.43	19,457.30
23 64	13 16-0013	EA	850 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	877,393.72 597,668.97	20,633.30
23 64	13 16-0014	EA	950 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	941,068.38 641,158.41	21,986.82
23 64	13 16-0015	EA	1,125 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,077,247.87 736,012.13	22,523.08
23 64	13 16-0016	EA	1,250 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,179,875.72 806,864.91	23,810.12
23 64	13 16-0017	EA	1,450 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,377,988.09 944,685.54	24,882.64
23 64	13 16-0018	EA	1,700 Ton Packaged, Steam Driven, Water Cooled Absorption Chiller..... <i>For Two Stage Unit, Add</i>	1,610,731.00 1,107,004.98	25,633.42

23 64 16 Centrifugal Water Chillers (23 64)**23 64 16 13 Air-Cooled Centrifugal Water Chillers** (23 64 16)**23 64 16 13-0001 Magnetic Bearing, Air Cooled Centrifugal Chillers** (23 64 16 13)

Note: SMARTD air cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, lowest ARI IPLV in industry. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface.

23 64	16 13-0002	EA	85 Ton, Single Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	233,180.81 6,498.90	5,918.58
23 64	16 13-0003	EA	175 Ton, Two Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	331,017.09 12,997.80	7,942.75
23 64	16 13-0004	EA	240 Ton, Three Compressor, Magnetic Bearing, Air Cooled Centrifugal Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i>	414,115.45 19,496.70	8,400.11

23 64 16 16 Water-Cooled Centrifugal Water Chillers (23 64 16)

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0001				Packaged Water-Cooled Centrifugal Water Chillers <small>(23 64 16 16)</small> Note: Includes integral heat exchanger, refrigerant monitor with scanner, audible alarm, and lights, 460 voltage motor rating, controls (water temperature controller with PE switches, flow switch, etc.), start-up, and closed transition starter. Rated by cooling capacity in tons. Units are factory assembled package type consisting of compressor, motor, cooler, condenser, internal piping and wiring, motor starters, insulation, purge unit, factory wired and installed control panel, gauges, lubrication system, refrigerant charge, oil, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.		
	23 64 16 16-0002	EA		180 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	148,864.25	6,099.65
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	5,562.65	
	23 64 16 16-0003	EA		200 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	162,747.98	6,254.14
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	6,107.94	
	23 64 16 16-0004	EA		225 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	179,529.53	6,413.11
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	6,769.12	
	23 64 16 16-0005	EA		250 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	195,903.56	6,670.22
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	7,407.56	
	23 64 16 16-0006	EA		275 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	211,901.39	7,046.86
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	8,023.27	
	23 64 16 16-0007	EA		300 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	227,314.26	7,413.24
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	8,616.25	
	23 64 16 16-0008	EA		325 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	242,221.67	7,819.70
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	9,186.43	
	23 64 16 16-0009	EA		350 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	256,528.98	8,205.31
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	9,733.94	
	23 64 16 16-0010	EA		375 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	270,211.75	8,556.93
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	10,258.66	
	23 64 16 16-0011	EA		400 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	283,207.36	8,834.58
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	10,760.64	
	23 64 16 16-0012	EA		425 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	295,891.64	9,272.26
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	11,239.89	
	23 64 16 16-0013	EA		450 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	307,879.35	9,629.98
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	11,696.41	
	23 64 16 16-0014	EA		475 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	319,291.25	9,983.09
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	12,130.20	
	23 64 16 16-0015	EA		500 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	330,007.01	10,256.57
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	12,541.26	
	23 64 16 16-0016	EA		550 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	349,437.50	10,620.27
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	13,295.11	
	23 64 16 16-0017	EA		600 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	366,381.43	10,851.18
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	13,958.03	
	23 64 16 16-0018	EA		650 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	381,541.23	11,387.55
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	14,529.96	
	23 64 16 16-0019	EA		700 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	394,440.78	11,932.03
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	15,010.96	
	23 64 16 16-0020	EA		750 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	405,158.32	12,531.04
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	15,401.17	
	23 64 16 16-0021	EA		800 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	430,359.39	13,135.61
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	16,370.36	
	23 64 16 16-0022	EA		850 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	455,382.38	13,738.25
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	17,332.57	
	23 64 16 16-0023	EA		900 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	480,320.20	14,398.73
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	18,287.64	
	23 64 16 16-0024	EA		950 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	505,185.30	15,125.92
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	19,235.52	
	23 64 16 16-0025	EA		1,000 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	529,668.99	15,897.23
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	20,176.20	
	23 64 16 16-0026	EA		1,100 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	574,626.10	18,343.02
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	21,819.01	
	23 64 16 16-0027	EA		1,200 Ton Packaged Water-Cooled Centrifugal Water Chiller.....	617,892.98	20,795.78
				Note: Includes integral heat exchanger, controls, and 440/460 V motor.		
				<i>For 208/230 Voltage Motor Rating, Add</i>	23,393.77	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 16 16-0028	EA	1,300 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	658,714.43 24,900.32	22,782.64
23 64 16 16-0029	EA	1,400 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	696,617.42 26,338.68	24,005.96
23 64 16 16-0030	EA	1,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	732,747.18 27,708.65	25,189.29
23 64 16 16-0031	EA	1,600 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	766,468.51 29,011.09	25,919.46
23 64 16 16-0032	EA	1,700 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	800,193.42 30,245.13	27,727.74
23 64 16 16-0033	EA	1,800 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	831,489.13 31,410.98	29,080.31
23 64 16 16-0034	EA	1,900 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	861,719.26 32,508.63	30,835.18
23 64 16 16-0035	EA	2,000 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	889,209.18 33,538.22	31,936.45
23 64 16 16-0036	EA	2,250 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	947,027.17 35,814.03	33,744.19
23 64 16 16-0037	EA	2,500 Ton Packaged Water-Cooled Centrifugal Water Chiller..... Note: Includes integral heat exchanger, controls, and 440/460 V motor. <i>For 208/230 Voltage Motor Rating, Add</i>	998,442.01 37,663.92	35,768.81
23 64 16 16-0038		Magnetic Bearing, Water Cooled Centrifugal Water Chillers <small>(23 64 16 16)</small> Note: SMARTD water cooled oil-free centrifugal chiller with variable speed control, magnetic bearings, 10 amp maximum inrush current and ARI part load <0.4kW per ton. Includes start up, freight, R-134a refrigerant charge, BACnet or equivalent interface, 12/18 month compressor warranty.		
23 64 16 16-0039	EA	60 To 85 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	146,687.21 4,469.64 6,498.90	5,131.60
23 64 16 16-0040	EA	130 To 137 Ton, Single Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	184,754.73 4,469.64 6,498.90	5,964.41
23 64 16 16-0041	EA	125 To 170 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	231,501.58 4,469.64 12,997.80	6,099.65
23 64 16 16-0042	EA	240 To 270 Ton, Dual Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	301,584.40 4,469.64 12,997.80	7,046.86
23 64 16 16-0043	EA	210 To 260 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	303,962.33 19,496.70 4,469.64	6,670.22
23 64 16 16-0044	EA	355 To 405 Ton, Three Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	456,159.89 19,496.70 4,469.64	8,834.58
23 64 16 16-0045	EA	299 To 340 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	404,093.64 6,225.57 23,829.30	8,205.31
23 64 16 16-0046	EA	540 Ton, Four Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	561,552.84 6,225.57 23,829.30	10,620.27
23 64 16 16-0047	EA	425 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	503,054.88 28,161.90 6,225.57	9,272.26
23 64 16 16-0048	EA	650 Ton, Five Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For 5 Year Parts Only Compressor Warranty, Add</i> <i>For Marine Water Box Connections, Add</i>	673,416.07 28,161.90 6,225.57	11,387.55
23 64 16 16-0049	EA	510 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	599,088.98 6,544.83 32,494.50	10,256.57
23 64 16 16-0050	EA	800 Ton, Six Compressor, Magnetic Bearing, Water Cooled Centrifugal Water Chiller..... <i>For Marine Water Box Connections, Add</i> <i>For 5 Year Parts Only Compressor Warranty, Add</i>	771,896.56 6,544.83 32,494.50	13,135.61
23 64 23		Scroll Water Chillers <small>(23 64)</small>		
23 64 23 13		Air-Cooled Scroll Water Chillers <small>(23 64 23)</small>		
23 64 23 13-0001		Packaged Air Cooled Scroll Water Chillers <small>(23 64 23 13)</small> Note: With integral heat exchanger. Rated by cooling capacity, tons. Units are factory assembled package type. Includes scroll compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, factory charge of refrigerant, start-up and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 23 13-0002 EA 10 Ton Packaged Air Cooled Scroll Water Chiller	25,212.59	1,563.48
23 64 23 13-0003 EA 15 Ton Packaged Air Cooled Scroll Water Chiller	36,951.96	1,583.52
23 64 23 13-0004 EA 18 Ton Packaged Air Cooled Scroll Water Chiller	40,328.89	1,693.76
23 64 23 13-0005 EA 22 Ton Packaged Air Cooled Scroll Water Chiller	44,369.46	1,814.03
23 64 23 13-0006 EA 25 Ton Packaged Air Cooled Scroll Water Chiller	45,090.96	1,934.30
23 64 23 13-0007 EA 30 Ton Packaged Air Cooled Scroll Water Chiller	47,578.38	2,074.62
23 64 23 13-0008 EA 40 Ton Packaged Air Cooled Scroll Water Chiller	54,405.43	2,245.00
23 64 23 13-0009 EA 45 Ton Packaged Air Cooled Scroll Water Chiller	58,427.77	2,435.42
23 64 23 13-0010 EA 50 Ton Packaged Air Cooled Scroll Water Chiller	61,699.61	2,505.57
23 64 23 13-0011 EA 55 Ton Packaged Air Cooled Scroll Water Chiller	64,441.46	2,615.82
23 64 23 13-0012 EA 60 Ton Packaged Air Cooled Scroll Water Chiller	66,605.83	2,706.02
23 64 23 13-0013 EA 70 Ton Packaged Air Cooled Scroll Water Chiller	76,844.83	3,046.77
23 64 23 13-0014 EA 80 Ton Packaged Air Cooled Scroll Water Chiller	82,714.98	3,337.42
23 64 23 13-0015 EA 90 Ton Packaged Air Cooled Scroll Water Chiller	84,223.47	3,347.45
23 64 23 13-0016 EA 100 Ton Packaged Air Cooled Scroll Water Chiller	89,119.67	3,357.47
23 64 23 13-0017 EA 110 Ton Packaged Air Cooled Scroll Water Chiller	93,886.56	3,367.49
23 64 23 13-0018 EA 120 Ton Packaged Air Cooled Scroll Water Chiller	98,712.72	3,377.51
23 64 23 13-0019 EA 130 Ton Packaged Air Cooled Scroll Water Chiller	103,786.60	3,387.53

23 64 23 16 Water-Cooled Scroll Water Chillers (23 64 23)

23 64 23 16-0001 Packaged Water Cooled Scroll Water Chillers (23 64 23 16)

Note: Integral heat exchanger. Rated by cooling capacity in tons. Units are factory assembled package type. Includes hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gauges, lead lag switch, compressor unloaders, removable core filter drier with 3 valve by-pass, sight glass, internal wiring, motor starters, insulation, fan cycling controls, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, refrigerant charge, vibration eliminators, phase monitoring for 3 phase units, start-up costs and equipment rigging. Units greater than 20 tons include dual compressors. Excludes piping and power wiring.

23 64 23 16-0002 EA 20 Ton Packaged Water Cooled Scroll Water Chiller	26,281.61	1,946.04
23 64 23 16-0003 EA 25 Ton Packaged Water Cooled Scroll Water Chiller	30,182.64	2,004.82
23 64 23 16-0004 EA 30 Ton Packaged Water Cooled Scroll Water Chiller	33,478.29	2,200.88
23 64 23 16-0005 EA 40 Ton Packaged Water Cooled Scroll Water Chiller	41,255.42	2,843.02
23 64 23 16-0006 EA 50 Ton Packaged Water Cooled Scroll Water Chiller	45,631.15	3,115.67
23 64 23 16-0007 EA 60 Ton Packaged Water Cooled Scroll Water Chiller	47,994.98	3,442.42

23 64 26 Rotary-Screw Water Chillers (23 64)

23 64 26 13 Air-Cooled, Rotary-Screw Water Chillers (23 64 26)

23 64 26 13-0001 Packaged Air Cooled Rotary-Screw Water Chillers (23 64 26 13)

Note: Includes hermetic direct-drive compressors start-up, coil guards, copper fins, copper tubes, factory wired and installed control panel, refrigerant monitor with scanner, audible alarm, and lights, phase monitoring for 3 phase units, 440/460 voltage motor rating, motor starters, factory charge of refrigerant and equipment rigging. Units greater than 20 tons include dual compressors. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.

23 64 26 13-0002 EA 70 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	100,204.29	3,838.53
For Aluminum Fins Instead Of Copper, Deduct	-1,416.77	
For 208/230 Voltage Motor Rating, Add	3,778.06	
23 64 26 13-0003 EA 80 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	107,689.15	4,169.27
For Aluminum Fins Instead Of Copper, Deduct	-1,521.68	
For 208/230 Voltage Motor Rating, Add	4,057.81	
23 64 26 13-0004 EA 90 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	113,283.76	4,349.67
For Aluminum Fins Instead Of Copper, Deduct	-1,601.39	
For 208/230 Voltage Motor Rating, Add	4,270.37	
23 64 26 13-0005 EA 100 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	117,451.20	4,680.41
For Aluminum Fins Instead Of Copper, Deduct	-1,656.53	
For 208/230 Voltage Motor Rating, Add	4,417.42	
23 64 26 13-0006 EA 110 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	126,064.45	4,910.91
For Aluminum Fins Instead Of Copper, Deduct	-1,780.62	
For 208/230 Voltage Motor Rating, Add	4,748.32	
23 64 26 13-0007 EA 120 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	133,988.72	5,011.14
For Aluminum Fins Instead Of Copper, Deduct	-1,897.08	
For 208/230 Voltage Motor Rating, Add	5,058.88	
23 64 26 13-0008 EA 130 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	141,452.46	5,181.52
For Aluminum Fins Instead Of Copper, Deduct	-2,005.28	
For 208/230 Voltage Motor Rating, Add	5,347.41	
23 64 26 13-0009 EA 140 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	145,982.14	5,291.77
For Aluminum Fins Instead Of Copper, Deduct	-2,070.67	
For 208/230 Voltage Motor Rating, Add	5,521.78	
23 64 26 13-0010 EA 160 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	154,170.00	5,402.01
For Aluminum Fins Instead Of Copper, Deduct	-2,190.93	
For 208/230 Voltage Motor Rating, Add	5,842.48	
23 64 26 13-0011 EA 170 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	160,934.09	5,572.39
For Aluminum Fins Instead Of Copper, Deduct	-2,288.63	
For 208/230 Voltage Motor Rating, Add	6,103.02	
23 64 26 13-0012 EA 180 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	169,714.61	5,792.88
For Aluminum Fins Instead Of Copper, Deduct	-2,415.38	
For 208/230 Voltage Motor Rating, Add	6,441.01	
23 64 26 13-0013 EA 200 Ton Packaged Air Cooled Rotary-Screw Water Chiller.....	177,419.30	5,913.15
For Aluminum Fins Instead Of Copper, Deduct	-2,528.39	
For 208/230 Voltage Motor Rating, Add	6,742.38	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 64 Packaged Water Chillers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 64 26 13-0014	EA	215 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	190,221.62 -2,718.02 7,248.06	6,013.37
23 64 26 13-0015	EA	225 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	198,729.79 -2,844.44 7,585.18	6,073.50
23 64 26 13-0016	EA	240 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	207,237.94 -2,970.86 7,922.30	6,123.61
23 64 26 13-0017	EA	260 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	232,702.28 -3,350.12 8,933.66	6,243.88
23 64 26 13-0018	EA	280 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	245,514.63 -3,539.75 9,439.34	6,364.15
23 64 26 13-0019	EA	300 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	262,530.95 -3,792.59 10,113.58	6,464.37
23 64 26 13-0020	EA	325 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	287,975.24 -4,171.85 11,124.93	6,574.62
23 64 26 13-0021	EA	350 Ton Packaged Air Cooled Rotary-Screw Water Chiller..... <i>For Aluminum Fins Instead Of Copper, Deduct</i> <i>For 208/230 Voltage Motor Rating, Add</i>	314,002.42 -4,560.30 12,160.81	6,654.80

23 64 26 16 Water-Cooled, Rotary-Screw Water Chillers (23 64 26 16)**23 64 26 16-0001 Packaged Water Cooled Helical Rotary Water Chillers (23 64 26 16)**

Note: Integral heat exchanger. Rated by cooling capacity in tons. Factory assembled package type includes semi-hermetic compressor, motor, cooler, condenser, internal piping, oil, discharge/suction gages, lead-lag switch, compressor unloaders, removable core filter dryer, 3-valve by-pass, sight glass, internal wiring, motor starters, insulation, standard oil hi/low safety control switches, operation and safety controls, factory wired and installed control panel, full factory refrigerant charge, vibration eliminators, NEMA 1 flow switches, wye-delta starter, extended warranty on compressor(s), start-up costs and equipment rigging. Excludes piping and power wiring.

23 64 26 16-0002	EA	70 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	65,996.17	4,810.87
23 64 26 16-0003	EA	80 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	71,631.89	4,997.96
23 64 26 16-0004	EA	90 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	76,527.25	5,131.60
23 64 26 16-0005	EA	100 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	80,787.74	5,348.09
23 64 26 16-0006	EA	110 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	85,020.42	5,495.09
23 64 26 16-0007	EA	125 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	90,176.09	5,649.35
23 64 26 16-0008	EA	130 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	121,718.53	5,807.26
23 64 26 16-0009	EA	150 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	100,145.46	5,964.41
23 64 26 16-0010	EA	175 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	107,582.57	6,112.05
23 64 26 16-0011	EA	190 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	111,274.52	6,417.70
23 64 26 16-0012	EA	200 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	130,205.91	6,727.21
23 64 26 16-0013	EA	210 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	131,973.91	6,871.21
23 64 26 16-0014	EA	235 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	143,409.38	7,021.52
23 64 26 16-0015	EA	255 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	152,357.66	7,342.89
23 64 26 16-0016	EA	275 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	160,823.15	7,640.09
23 64 26 16-0017	EA	300 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	170,675.11	7,942.75
23 64 26 16-0018	EA	350 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	187,364.16	8,646.74
23 64 26 16-0019	EA	400 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	201,037.79	9,510.56
23 64 26 16-0020	EA	450 Ton Packaged Water Cooled Helical Rotary Water Chiller.....	211,711.59	10,462.04

23 65 Cooling Towers (23 60)**23 65 13 Forced-Draft Cooling Towers (23 65)****23 65 13 16 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13)****23 65 13 16-0001 Closed-Circuit, Forced-Draft Cooling Towers (23 65 13 16)****23 65 13 16-0002 Blow-Thru Centrifugal Fan Type Galvanized Cooling Towers (23 65 13 16-0001)**

Note: Including 2-speed motor internal piping, vibration switch, basin, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Design temperature 95 degree F in, 85 degree F out. Excludes crane and associated personnel.

23 65 13 16-0003	EA	50 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	19,209.53 10,028.39	1,663.70
23 65 13 16-0004	EA	75 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	26,511.44 14,084.81	2,034.52
23 65 13 16-0005	EA	100 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	33,217.76 17,465.17	2,555.68
23 65 13 16-0006	EA	125 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	38,322.22 20,239.21	2,856.35
23 65 13 16-0007	EA	150 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	43,804.13 23,179.58	3,217.15
23 65 13 16-0008	EA	175 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	49,254.59 26,077.03	3,608.02
23 65 13 16-0009	EA	200 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	55,281.70 29,296.41	4,018.93
23 65 13 16-0010	EA	225 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	60,396.05 31,871.92	4,530.07

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 13 16-0011 EA 250 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	65,786.53 34,619.13	5,031.19
23 65 13 16-0012 EA 275 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	71,981.57 37,452.19	5,953.23
23 65 13 16-0013 EA 300 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	78,210.68 40,564.27	6,594.66
23 65 13 16-0014 EA 325 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	82,409.16 42,710.52	7,015.60
23 65 13 16-0015 EA 350 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	87,323.84 45,232.37	7,426.51
23 65 13 16-0016 EA 375 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	92,108.21 47,754.23	7,787.32
23 65 13 16-0017 EA 400 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	97,597.98 50,705.33	8,148.12
23 65 13 16-0018 EA 425 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	103,406.92 53,763.74	8,589.10
23 65 13 16-0019 EA 450 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	110,010.69 57,305.07	9,030.07
23 65 13 16-0020 EA 475 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	116,434.83 60,792.74	9,410.93
23 65 13 16-0021 EA 500 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	122,868.99 64,280.41	9,791.77
23 65 13 16-0022 EA 550 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	135,146.01 71,255.74	10,202.68
23 65 13 16-0023 EA 600 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	148,496.14 78,874.96	10,603.57
23 65 13 16-0024 EA 650 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	153,941.97 82,094.34	10,824.06
23 65 13 16-0025 EA 700 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	160,460.91 85,957.61	10,964.38
23 65 13 16-0026 EA 750 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	167,960.50 89,928.18	11,525.62
23 65 13 16-0027 EA 800 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	176,712.07 94,649.95	12,086.88
23 65 13 16-0028 EA 850 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	185,543.82 99,371.71	12,698.23
23 65 13 16-0029 EA 900 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	195,806.41 104,951.98	13,309.59
23 65 13 16-0030 EA 950 Ton Blow-Thru Centrifugal Fan Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	206,388.18 110,639.57	14,011.15
23 65 13 16-0031 EA 1,000 Ton Centrifugal Type Cooling Tower..... <i>For Stainless Steel Cooling Tower, Add</i>	218,390.73 117,185.65	14,712.71

23 65 14 Induced-Draft Cooling Towers (23 65)

23 65 14 13 Open-Circuit, Induced-Draft Counterflow Cooling Towers (23 65 14)

23 65 14 13-0001 Galvanized Induced Draft Axial Single Flow Propeller Type Cooling Towers

(23 65 14 13)

Note: Includes internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.

23 65 14 13-0002 EA 10 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	9,759.03 1,211.29 2,422.59	1,122.49
23 65 14 13-0003 EA 20 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	11,589.52 1,464.82 2,929.64	1,212.70
23 65 14 13-0004 EA 30 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	13,875.78 1,774.69 3,549.37	1,363.03
23 65 14 13-0005 EA 40 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	15,400.85 1,971.87 3,943.75	1,503.34
23 65 14 13-0006 EA 50 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	18,270.54 2,366.25 4,732.50	1,663.70
23 65 14 13-0007 EA 60 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	21,286.49 2,790.08 5,580.16	1,793.99
23 65 14 13-0008 EA 75 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	24,445.67 3,211.34 6,422.68	2,034.52
23 65 14 13-0009 EA 100 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	30,400.79 3,943.75 7,887.50	2,555.68
23 65 14 13-0010 EA 125 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	33,135.43 4,281.78 8,563.57	2,856.35
23 65 14 13-0011 EA 150 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	50,845.93 6,851.16 13,702.33	3,217.15
23 65 14 13-0012 EA 200 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	61,501.39 8,257.06 16,514.11	4,018.93

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 65 Cooling Towers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 13-0013	EA		300 Ton Induced Draft Axial Single Flow Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	79,272.72 10,300.37 20,600.75	6,594.66
23 65 14 13-0014			Galvanized Induced Draft Double Flow Propeller Type Packaged Cooling Towers (23 65 14 13) Note: 3 GPM/ton draft. Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel.		
23 65 14 13-0015	EA		100 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	30,400.79 3,943.75 7,887.50	2,555.68
23 65 14 13-0016	EA		150 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	40,540.03 5,305.28 10,610.56	3,217.15
23 65 14 13-0017	EA		200 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	51,525.75 6,760.71 13,521.42	4,018.93
23 65 14 13-0018	EA		250 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	61,082.65 7,949.20 15,898.40	5,031.19
23 65 14 13-0019	EA		300 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	72,460.49 9,278.54 18,557.08	6,594.66
23 65 14 13-0020	EA		350 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	80,750.93 10,322.16 20,644.31	7,426.51
23 65 14 13-0021	EA		400 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	90,086.08 11,549.55 23,099.09	8,148.12
23 65 14 13-0022	EA		450 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	102,141.08 13,145.83 26,291.65	9,030.07
23 65 14 13-0023	EA		500 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	115,267.66 14,929.90 29,859.80	9,791.77
23 65 14 13-0024	EA		550 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	123,520.45 16,070.10 32,140.20	10,322.95
23 65 14 13-0025	EA		600 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	132,447.50 17,311.44 34,622.89	10,603.57
23 65 14 13-0026	EA		700 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	150,534.47 20,000.44 40,000.87	10,964.38
23 65 14 13-0027	EA		800 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	165,086.51 21,918.65 43,837.31	12,086.88
23 65 14 13-0028	EA		900 Ton Induced Draft Double Flow Propeller Type Packaged Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	182,392.30 24,225.88 48,451.76	13,309.59
23 65 14 14			Open-Circuit, Induced-Draft Crossflow Cooling Towers (23 65 14)		
23 65 14 14-0001			Galvanized Induced Draft Crossflow Film Filled Propeller Type Cooling Towers (23 65 14 14) Note: Includes fan, 2-speed motor, geared speed reducer, louvers, drift eliminators, hot water distribution system, cold water collection basin, float valve and access door, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.		
23 65 14 14-0002	EA		10 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	8,261.16 986.61 1,973.23	1,122.49
23 65 14 14-0003	EA		15 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	8,930.48 1,084.00 2,168.01	1,142.54
23 65 14 14-0004	EA		20 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	9,711.87 1,177.16 2,354.32	1,242.76
23 65 14 14-0005	EA		25 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	11,382.92 1,414.29 2,828.57	1,302.89
23 65 14 14-0006	EA		30 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	12,912.80 1,630.24 3,260.48	1,363.03
23 65 14 14-0007	EA		35 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	14,406.28 1,837.72 3,675.45	1,433.19
23 65 14 14-0008	EA		40 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	15,776.83 2,028.27 4,056.54	1,503.34
23 65 14 14-0009	EA		45 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	17,298.53 2,239.99 4,479.98	1,583.52

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65	14	14-0010	EA 50 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	18,783.83 2,443.24 4,886.48	1,663.70
23 65	14	14-0011	EA 60 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	21,712.48 2,853.98 5,707.95	1,793.99
23 65	14	14-0012	EA 70 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	24,887.03 3,298.59 6,597.18	1,934.30
23 65	14	14-0013	EA 75 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	26,354.11 3,497.60 6,995.21	2,034.52
23 65	14	14-0014	EA 80 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	27,941.47 3,696.62 7,393.24	2,204.90
23 65	14	14-0015	EA 90 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	29,105.38 3,832.12 7,664.24	2,375.28
23 65	14	14-0016	EA 100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	31,265.68 4,073.48 8,146.96	2,555.68
23 65	14	14-0017	EA 125 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	32,508.94 4,187.81 8,375.62	2,856.35
23 65	14	14-0018	EA 150 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	37,776.28 4,890.72 9,781.43	3,217.15
23 65	14	14-0019	EA 175 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	41,728.72 5,390.38 10,780.75	3,608.02
23 65	14	14-0020	EA 200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	43,886.34 5,614.80 11,229.60	4,018.93
23 65	14	14-0021	EA 225 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	50,749.22 6,520.96 13,041.91	4,530.07
23 65	14	14-0022	EA 250 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	55,626.04 7,130.71 14,261.42	5,031.19
23 65	14	14-0023	EA 275 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	59,385.88 7,473.69 14,947.39	5,953.23
23 65	14	14-0024	EA 300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	64,041.54 8,015.70 16,031.39	6,594.66
23 65	14	14-0025	EA 350 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	73,222.25 9,192.86 18,385.71	7,426.51
23 65	14	14-0026	EA 400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	80,726.38 10,145.59 20,291.18	8,148.12
23 65	14	14-0027	EA 450 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	89,225.06 11,208.42 22,416.85	9,030.07
23 65	14	14-0028	EA 500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	97,232.82 12,224.68 24,449.35	9,791.77
23 65	14	14-0029	EA 600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	111,238.89 14,130.15 28,260.30	10,603.57
23 65	14	14-0030	EA 700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	124,977.51 16,166.89 32,333.78	10,964.38
23 65	14	14-0031	EA 800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	139,726.89 18,114.71 36,229.42	12,086.88
23 65	14	14-0032	EA 900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	154,015.58 19,969.37 39,938.74	13,309.59
23 65	14	14-0033	EA 1,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	167,982.05 21,735.11 43,470.22	14,712.71
23 65	14	14-0034	EA 1,100 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	183,971.34 23,966.63 47,933.27	15,424.30
23 65	14	14-0035	EA 1,200 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	199,392.38 26,121.94 52,243.87	16,085.77
23 65	14	14-0036	EA 1,300 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	212,030.24 27,692.90 55,385.79	17,468.84
23 65	14	14-0037	EA 1,400 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	224,235.64 29,174.93 58,349.86	18,952.14
23 65	14	14-0038	EA 1,500 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	235,978.55 30,568.04 61,136.09	20,515.61

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 60 Central Cooling Equipment****23 65 Cooling Towers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 14-0039	EA		1,600 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	246,821.60 31,863.77 63,727.53	21,928.76
23 65 14 14-0040	EA		1,700 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	257,374.33 33,066.33 66,132.66	23,542.34
23 65 14 14-0041	EA		1,800 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	267,735.13 34,179.98 68,359.95	25,406.50
23 65 14 14-0042	EA		1,900 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	277,436.69 35,196.23 70,392.46	27,270.63
23 65 14 14-0043	EA		2,000 Ton Induced Draft Crossflow Film Filled Propeller Type Cooling Tower..... <i>For Polymer Coating Over Galvanized Components, Add</i> <i>For Stainless Steel Support Structure, Add</i>	287,607.77 36,123.56 72,247.12	29,816.30
23 65 14 14-0044			Induced Draft Crossflow Stainless Steel Propeller Type Cooling Towers ^(23 65 14)		
			^{14 14)} Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.		
23 65 14 14-0045	EA		100 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	84,548.79 4,021.98	2,555.68
23 65 14 14-0046	EA		125 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	95,836.57 4,562.32	2,836.31
23 65 14 14-0047	EA		150 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	104,722.94 4,977.57	3,217.15
23 65 14 14-0048	EA		200 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	116,345.02 5,494.53	4,018.93
23 65 14 14-0049	EA		250 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	131,703.93 6,180.80	5,031.19
23 65 14 14-0050	EA		300 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	151,078.15 7,023.73	6,594.66
23 65 14 14-0051	EA		350 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	164,557.10 7,631.03	7,426.51
23 65 14 14-0052	EA		400 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	177,855.61 8,238.33	8,148.12
23 65 14 14-0053	EA		500 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	205,218.79 9,474.19	9,791.77
23 65 14 14-0054	EA		600 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	231,874.56 10,741.83	10,603.57
23 65 14 14-0055	EA		750 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	287,370.74 13,416.42	11,525.62
23 65 14 14-0056	EA		1,000 Ton Induced Draft Crossflow Stainless Steel Propeller Type Cooling Tower..... <i>For Induced Draft Counter Flow Type, Add</i>	373,169.43 17,504.41	14,712.71
23 65 14 16			Closed-Circuit, Induced-Draft Counterflow Cooling Towers ^(23 65 14)		
23 65 14 16-0001			Stainless Steel Packaged Propeller Type Cooling Towers ^(23 65 14 16)		
			Note: Including internal piping, fan, motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping or power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 79 degree F wet Bulb. 3 GPM/ton.		
23 65 14 16-0002			Draw-Thru Stainless Steel Propeller Type Cooling Towers ^(23 65 14 16-0001)		
			Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.		
23 65 14 16-0003	EA		50 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	35,454.75	1,663.70
23 65 14 16-0004	EA		75 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	50,441.39	2,034.52
23 65 14 16-0005	EA		100 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	59,397.71	2,555.68
23 65 14 16-0006	EA		125 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	67,341.56	2,856.35
23 65 14 16-0007	EA		150 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	73,861.06	3,217.15
23 65 14 16-0008	EA		200 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	88,544.91	4,018.93
23 65 14 16-0009	EA		250 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	104,160.72	5,031.19
23 65 14 16-0010	EA		300 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	123,379.12	6,594.66
23 65 14 16-0011	EA		350 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	135,038.69	7,426.51
23 65 14 16-0012	EA		400 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	153,142.53	8,148.12
23 65 14 16-0013	EA		500 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	177,469.21	9,791.77
23 65 14 16-0014	EA		600 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	200,415.01	10,603.57
23 65 14 16-0015	EA		750 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	248,076.33	11,525.62
23 65 14 16-0016	EA		1,000 Ton Draw-Thru Stainless Steel Propeller Type Cooling Tower.....	316,096.42	14,552.35
23 65 14 16-0017			Belt Driven Stainless Steel Propeller Type Cooling Towers ^(23 65 14 16-0001)		
			Note: Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.		
23 65 14 16-0018	EA		100 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	61,886.71	2,555.68
23 65 14 16-0019	EA		125 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	66,954.10	2,856.35
23 65 14 16-0020	EA		150 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	72,125.93	3,217.15
23 65 14 16-0021	EA		200 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	85,264.15	4,018.93
23 65 14 16-0022	EA		250 Ton Belt Driven Stainless Steel Propeller Type Cooling Tower.....	93,888.87	5,031.19
23 65 14 16-0023			Fiberglass Packaged Draw-Thru Propeller Type Cooling Towers ^(23 65 14 16)		
			Note: Includes internal piping, fan, 2-speed motor, vibration switch, start-up costs and equipment rigging. Excludes motor starter, piping and power wiring. Rated by cooling capacity in tons. Based on design water temperature 95 degree F in, 85 degree F out 78 degree F wet bulb. 3 GPM/ton. Excludes crane and associated personnel.		
23 65 14 16-0024	EA		5 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower.....	4,077.23	1,042.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 65 14 16-0025 EA 8 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,291.82	1,092.43
23 65 14 16-0026 EA 10 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	4,990.60	1,122.49
23 65 14 16-0027 EA 15 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	5,642.44	1,142.54
23 65 14 16-0028 EA 20 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,389.01	1,242.76
23 65 14 16-0029 EA 25 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	7,815.28	1,302.89
23 65 14 16-0030 EA 30 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	8,833.00	1,363.03
23 65 14 16-0031 EA 40 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	10,186.10	1,503.34
23 65 14 16-0032 EA 50 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	11,367.60	1,663.70
23 65 14 16-0033 EA 60 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	12,740.96	1,793.99
23 65 14 16-0034 EA 70 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	14,698.96	1,934.30
23 65 14 16-0035 EA 80 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	16,000.49	2,204.90
23 65 14 16-0036 EA 100 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	19,367.00	2,555.68
23 65 14 16-0037 EA 125 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	23,947.41	2,856.35
23 65 14 16-0038 EA 150 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	26,894.58	3,217.15
23 65 14 16-0039 EA 175 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	32,664.44	3,608.02
23 65 14 16-0040 EA 200 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	36,431.13	4,018.93
23 65 14 16-0041 EA 225 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	40,264.08	4,530.07
23 65 14 16-0042 EA 250 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	43,925.68	5,031.19
23 65 14 16-0043 EA 300 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	52,611.38	6,594.66
23 65 14 16-0044 EA 350 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	59,791.85	7,426.51
23 65 14 16-0045 EA 400 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	66,455.82	8,148.12
23 65 14 16-0046 EA 500 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	80,796.68	9,591.33
23 65 14 16-0047 EA 600 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	92,315.88	10,603.57
23 65 14 16-0048 EA 700 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	97,853.13	8,148.12
23 65 14 16-0049 EA 800 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	111,930.49	12,086.88
23 65 14 16-0050 EA 1,000 Ton Draw-Thru Fiberglass Packaged Propeller Type Cooling Tower	127,949.16	10,072.39

23 65 43 Cooling Tower Basins and Accessories (23 65)

23 65 43 00-0001 Fiberglass Cooling Tower Remote Sump Basins (23 65 43)

Note: Includes one inlet sleeve. Excludes cover, excavation, backfill, concrete cut and concrete patch. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.

23 65 43 00-0002 EA 30" Diameter x 30" Depth, 92 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,242.11	
For Anti-Flotation Flanges, Add	115.00	
For Perforated Basins, Add	80.00	
23 65 43 00-0003 EA 30" Diameter x 36" Depth, 110 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,404.92	
For Anti-Flotation Flanges, Add	115.00	
For Perforated Basins, Add	80.00	
23 65 43 00-0004 EA 36" Diameter x 30" Depth, 132 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,383.26	
For Anti-Flotation Flanges, Add	253.00	
For Perforated Basins, Add	80.00	
23 65 43 00-0005 EA 36" Diameter x 36" Depth, 159 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,618.95	
For Anti-Flotation Flanges, Add	253.00	
For Perforated Basins, Add	80.00	
23 65 43 00-0006 EA 42" Diameter x 30" Depth, 180 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,753.31	
For Perforated Basins, Add	100.00	
For Anti-Flotation Flanges, Add	276.00	
23 65 43 00-0007 EA 42" Diameter x 36" Depth, 216 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	1,947.41	
For Perforated Basins, Add	100.00	
For Anti-Flotation Flanges, Add	276.00	
23 65 43 00-0008 EA 42" Diameter x 42" Depth, 252 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,141.53	
For Perforated Basins, Add	100.00	
For Anti-Flotation Flanges, Add	276.00	
23 65 43 00-0009 EA 48" Diameter x 36" Depth, 282 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,173.92	
For Perforated Basins, Add	140.00	
For Anti-Flotation Flanges, Add	294.00	
23 65 43 00-0010 EA 48" Diameter x 42" Depth, 329 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,405.01	
For Perforated Basins, Add	140.00	
For Anti-Flotation Flanges, Add	294.00	
23 65 43 00-0011 EA 48" Diameter x 48" Depth, 376 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	2,739.17	
For Perforated Basins, Add	140.00	
For Anti-Flotation Flanges, Add	294.00	
23 65 43 00-0012 EA 48" Diameter x 54" Depth, 423 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,076.17	
For Perforated Basins, Add	140.00	
For Anti-Flotation Flanges, Add	294.00	
23 65 43 00-0013 EA 48" Diameter x 60" Depth, 470 Gallon Capacity, Fiberglass Cooling Tower Sump Basin	3,301.58	
For Perforated Basins, Add	140.00	
For Anti-Flotation Flanges, Add	294.00	

23 70 Central HVAC Equipment (23)

Note: New air filters shall be provided on HVAC equipment prior to turning over to owner. Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for terminations, 26 28 16 16-0001 for disconnect.

23 71 Thermal Storage (23 70)

23 71 13 Thermal Heat Storage (23 71)

23 71 13 23 Pressurized-Water Thermal Storage Tanks (23 71 13)

23 71 13 23-0001 Nickelshield Storage Tanks (23 71 13 23)

23 71 13 23-0002 EA 325 Gallon Nickelshield Storage Tank	29,280.95	189.81
23 71 13 23-0003 EA 490 Gallon Nickelshield Storage Tank	40,864.39	251.66

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 71 Thermal Storage**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 71	13 23-0004	EA	605 Gallon Nickelshield Storage Tank.....	46,780.01	304.39
23 71	13 23-0005	EA	740 Gallon Nickelshield Storage Tank.....	55,383.60	380.48
23 71	13 23-0006	EA	940 Gallon Nickelshield Storage Tank.....	64,420.73	505.79
23 71	13 23-0007	EA	1,505 Gallon Nickelshield Storage Tank.....	83,209.56	761.06
23 71	13 23-0008	EA	1,615 Gallon Nickelshield Storage Tank.....	93,965.64	857.20
23 71	13 23-0009	EA	2,275 Gallon Nickelshield Storage Tank.....	129,049.05	1,138.59
23 71	13 23-0010	EA	3,815 Gallon Nickelshield Storage Tank.....	167,013.68	1,323.65

23 72 Air-To-Air Energy Recovery Equipment ^(23 70)**23 72 13 Heat-Wheel Air-To-Air Energy-Recovery Equipment** ^(23 72)**23 72 13 00-0001 Enthalpy Recovery Wheel** ^(23 72 13)

23 72	13 00-0002	EA	Up To 1,000 CFM Enthalpy Recovery Wheel.....	10,263.29	714.61
23 72	13 00-0003	EA	>1,000 To 2,000 CFM Enthalpy Recovery Wheel.....	11,381.93	857.75
23 72	13 00-0004	EA	>2,000 To 4,000 CFM Enthalpy Recovery Wheel.....	14,242.73	1,072.19
23 72	13 00-0005	EA	>4,000 To 6,000 CFM Enthalpy Recovery Wheel.....	16,660.93	1,224.97
23 72	13 00-0006	EA	>6,000 To 8,000 CFM Enthalpy Recovery Wheel.....	18,447.51	1,286.63
23 72	13 00-0007	EA	>8,000 To 10,000 CFM Enthalpy Recovery Wheel.....	22,445.46	1,429.75
23 72	13 00-0008	EA	>10,000 To 15,000 CFM Enthalpy Recovery Wheel.....	29,886.88	1,501.05
23 72	13 00-0009	EA	>15,000 To 20,000 CFM Enthalpy Recovery Wheel.....	37,272.49	1,608.27
23 72	13 00-0010	EA	>20,000 To 25,000 CFM Enthalpy Recovery Wheel.....	45,156.99	1,837.73
23 72	13 00-0011	EA	>25,000 To 30,000 CFM Enthalpy Recovery Wheel.....	50,552.07	2,358.80
23 72	13 00-0012	EA	>30,000 To 40,000 CFM Enthalpy Recovery Wheel.....	67,837.12	2,680.46
23 72	13 00-0013	EA	>40,000 To 50,000 CFM Enthalpy Recovery Wheel.....	80,682.46	3,216.55

23 72 16 Heat-Pipe Air-To-Air Energy-Recovery Equipment ^(23 72)**23 72 16 00-0001 Glycol Heat Pipe Type, 50 Percent Efficient** ^(23 72 16)

23 72	16 00-0002	EA	100 MBH, 1,700 CFM Glycol Heat Recovery Unit.....	18,638.80	536.09
23 72	16 00-0003	EA	160 MBH, 2,700 CFM Glycol Heat Recovery Unit.....	29,329.48	714.82
23 72	16 00-0004	EA	620 MBH, 4,000 CFM Glycol Heat Recovery Unit.....	43,477.57	1,072.19

23 73 Indoor Central-Station Air-Handling Units ^(23 70)**23 73 13 Modular Indoor Central-Station Air-Handling Units** ^(23 73)

Note: Sized by CFM. Includes motor drive vibration isolators. Use modifiers for Filters and heating and cooling coils. Includes double wall insulated casing, fan section, fan motor, internal dampers, starter, vibration isolators and equipment rigging. Variable speed drives are included on units with 10 HP or greater fans. Modifiers include cooling coil sections with 6 row aluminum fin coil and drain pan, heating coil section with 1 row aluminum fin coil, and filter section with replaceable filters.

23 73 13 00-0001 Single Zone Units ^(23 73 13)

Note: Horizontal/vertical draw-thru fan, motor and cabinet.

23 73	13 00-0002	EA	300 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	2,815.52	715.69
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,355.69	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	430.19	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	729.83	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,088.45	
			<i>For Electric Heating Coil, Add</i>	909.14	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	819.48	
			<i>For Manual Roll Filter, Add</i>	1,088.45	
			<i>For Variable Air Volume, Add</i>	251.03	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	550.52	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	729.83	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	230.43	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	589.05	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	909.14	
			<i>For Automatic Roll Filter, Add</i>	1,178.10	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	640.17	
			<i>For 2 Coils, Independent Circuits, Add</i>	317.41	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	998.79	
23 73	13 00-0003	EA	500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	4,398.33	858.83
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,498.15	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	720.30	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	1,232.93	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	1,867.41	
			<i>For Electric Heating Coil, Add</i>	1,550.17	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	1,391.55	
			<i>For Manual Roll Filter, Add</i>	1,867.41	
			<i>For Variable Air Volume, Add</i>	444.14	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	915.69	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	1,232.93	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	378.54	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,013.02	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	1,550.17	
			<i>For Automatic Roll Filter, Add</i>	2,026.03	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,074.31	
			<i>For 2 Coils, Independent Circuits, Add</i>	503.28	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	1,708.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0004 EA 800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	4,963.39	922.35
For Economizer, Panel, Controls And Damper(s), Add	1,562.29	
For Medium Capacity Filter Box And Throwaway Filters, Add	821.40	
For Hot Water Heating Coil, Copper Fins, Add	1,407.80	
For Chilled Water Cooling Coil, Copper Fins, Add	2,136.97	
For Electric Heating Coil, Add	1,772.38	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,590.09	
For Manual Roll Filter, Add	2,136.97	
For Variable Air Volume, Add	510.42	
For Hot Water Heating Coil, Aluminum Fins, Add	1,043.22	
For Steam Heating Coil, Aluminum Fins, Add	1,407.80	
For Flat Filter Box And Throwaway Filters, Add	430.46	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,159.63	
For Chilled Water Cooling Coil, Aluminum Fins, Add	1,772.38	
For Automatic Roll Filter, Add	2,319.26	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,225.51	
For 2 Coils, Independent Circuits, Add	569.26	
For Direct Expansion Cooling Coil, Copper Fins, Add	1,954.68	
23 73 13 00-0005 EA 1,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	5,591.29	991.10
For Economizer, Panel, Controls And Damper(s), Add	1,631.27	
For Medium Capacity Filter Box And Throwaway Filters, Add	934.17	
For Hot Water Heating Coil, Copper Fins, Add	1,602.93	
For Chilled Water Cooling Coil, Copper Fins, Add	2,437.96	
For Electric Heating Coil, Add	2,020.45	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	1,811.69	
For Manual Roll Filter, Add	2,437.96	
For Variable Air Volume, Add	584.53	
For Hot Water Heating Coil, Aluminum Fins, Add	1,185.41	
For Steam Heating Coil, Aluminum Fins, Add	1,602.93	
For Flat Filter Box And Throwaway Filters, Add	488.32	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,323.36	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,020.45	
For Automatic Roll Filter, Add	2,646.72	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,394.17	
For 2 Coils, Independent Circuits, Add	642.63	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,229.21	
23 73 13 00-0006 EA 1,200 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	6,330.39	1,066.26
For Economizer, Panel, Controls And Damper(s), Add	1,705.02	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,068.29	
For Hot Water Heating Coil, Copper Fins, Add	1,835.27	
For Chilled Water Cooling Coil, Copper Fins, Add	2,797.06	
For Electric Heating Coil, Add	2,316.16	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,075.72	
For Manual Roll Filter, Add	2,797.06	
For Variable Air Volume, Add	673.25	
For Hot Water Heating Coil, Aluminum Fins, Add	1,354.38	
For Steam Heating Coil, Aluminum Fins, Add	1,835.27	
For Flat Filter Box And Throwaway Filters, Add	556.97	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,518.75	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,316.16	
For Automatic Roll Filter, Add	3,037.50	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,594.83	
For 2 Coils, Independent Circuits, Add	729.22	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,556.61	
23 73 13 00-0007 EA 1,400 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,191.42	1,145.88
For Economizer, Panel, Controls And Damper(s), Add	1,785.84	
For Medium Capacity Filter Box And Throwaway Filters, Add	1,225.48	
For Hot Water Heating Coil, Copper Fins, Add	2,107.77	
For Chilled Water Cooling Coil, Copper Fins, Add	3,218.67	
For Electric Heating Coil, Add	2,663.22	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	2,385.49	
For Manual Roll Filter, Add	3,218.67	
For Variable Air Volume, Add	777.63	
For Hot Water Heating Coil, Aluminum Fins, Add	1,552.32	
For Steam Heating Coil, Aluminum Fins, Add	2,107.77	
For Flat Filter Box And Throwaway Filters, Add	637.30	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	1,748.20	
For Chilled Water Cooling Coil, Aluminum Fins, Add	2,663.22	
For Automatic Roll Filter, Add	3,496.39	
For Combination Filter Mixing Box And Throwaway Filters, Add	1,830.04	
For 2 Coils, Independent Circuits, Add	830.23	
For Direct Expansion Cooling Coil, Copper Fins, Add	2,940.94	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0008	EA		1,600 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	7,869.80	1,231.89
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,869.29	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,345.66	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,315.40	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,538.13	
			<i>For Electric Heating Coil, Add</i>	2,926.76	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	2,621.08	
			<i>For Manual Roll Filter, Add</i>	3,538.13	
			<i>For Variable Air Volume, Add</i>	855.91	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,704.03	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,315.40	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	699.17	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	1,921.91	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	2,926.76	
			<i>For Automatic Roll Filter, Add</i>	3,843.82	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,009.71	
			<i>For 2 Coils, Independent Circuits, Add</i>	909.25	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	3,232.45	
23 73 13 00-0009	EA		1,800 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	8,606.31	1,327.61
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,474.76	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,538.16	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,880.19	
			<i>For Electric Heating Coil, Add</i>	3,209.18	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	2,873.67	
			<i>For Manual Roll Filter, Add</i>	3,880.19	
			<i>For Variable Air Volume, Add</i>	939.42	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,867.15	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,538.16	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,792.90	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	765.82	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,107.85	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,209.18	
			<i>For Automatic Roll Filter, Add</i>	4,215.70	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,202.66	
			<i>For 2 Coils, Independent Circuits, Add</i>	994.83	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	3,544.68	
23 73 13 00-0010	EA		2,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	9,414.59	1,423.34
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,618.57	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	2,786.74	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,262.97	
			<i>For Electric Heating Coil, Add</i>	3,524.86	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,155.80	
			<i>For Manual Roll Filter, Add</i>	4,262.97	
			<i>For Variable Air Volume, Add</i>	1,033.36	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,048.63	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	2,786.74	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,868.40	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	839.79	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,316.01	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,524.86	
			<i>For Automatic Roll Filter, Add</i>	4,632.03	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,417.69	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,089.08	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	3,893.92	
23 73 13 00-0011	EA		2,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	10,163.19	1,529.92
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,748.51	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	3,010.72	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,606.24	
			<i>For Electric Heating Coil, Add</i>	3,808.48	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,409.60	
			<i>For Manual Roll Filter, Add</i>	4,606.24	
			<i>For Variable Air Volume, Add</i>	1,116.86	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,212.96	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	3,010.72	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	1,952.07	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	907.04	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,502.56	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,808.48	
			<i>For Automatic Roll Filter, Add</i>	5,005.12	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,611.84	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,175.87	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,207.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0012 EA 2,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	10,962.80	1,646.22
For Medium Capacity Filter Box And Throwaway Filters, Add	1,886.87	
For Hot Water Heating Coil, Copper Fins, Add	3,249.11	
For Chilled Water Cooling Coil, Copper Fins, Add	4,971.38	
For Electric Heating Coil, Add	4,110.25	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	3,679.68	
For Manual Roll Filter, Add	4,971.38	
For Variable Air Volume, Add	1,205.59	
For Hot Water Heating Coil, Aluminum Fins, Add	2,387.98	
For Steam Heating Coil, Aluminum Fins, Add	3,249.11	
For Economizer, Panel, Controls And Damper(s), Add	2,043.31	
For Flat Filter Box And Throwaway Filters, Add	978.71	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	2,700.97	
For Chilled Water Cooling Coil, Aluminum Fins, Add	4,110.25	
For Automatic Roll Filter, Add	5,401.95	
For Combination Filter Mixing Box And Throwaway Filters, Add	2,818.55	
For 2 Coils, Independent Circuits, Add	1,268.51	
For Direct Expansion Cooling Coil, Copper Fins, Add	4,540.81	
23 73 13 00-0013 EA 3,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	12,750.02	1,905.54
For Medium Capacity Filter Box And Throwaway Filters, Add	2,196.13	
For Hot Water Heating Coil, Copper Fins, Add	3,781.98	
For Chilled Water Cooling Coil, Copper Fins, Add	5,787.57	
For Electric Heating Coil, Add	4,784.77	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,283.38	
For Manual Roll Filter, Add	5,787.57	
For Variable Air Volume, Add	1,403.91	
For Hot Water Heating Coil, Aluminum Fins, Add	2,779.19	
For Steam Heating Coil, Aluminum Fins, Add	3,781.98	
For Economizer, Panel, Controls And Damper(s), Add	2,247.16	
For Flat Filter Box And Throwaway Filters, Add	1,138.90	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,144.48	
For Chilled Water Cooling Coil, Aluminum Fins, Add	4,784.77	
For Automatic Roll Filter, Add	6,288.96	
For Combination Filter Mixing Box And Throwaway Filters, Add	3,280.59	
For 2 Coils, Independent Circuits, Add	1,475.56	
For Direct Expansion Cooling Coil, Copper Fins, Add	5,286.17	
23 73 13 00-0014 EA 3,250 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	13,364.19	2,047.78
For Medium Capacity Filter Box And Throwaway Filters, Add	2,292.43	
For Hot Water Heating Coil, Copper Fins, Add	3,945.91	
For Chilled Water Cooling Coil, Copper Fins, Add	6,033.51	
For Electric Heating Coil, Add	4,989.71	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,467.81	
For Manual Roll Filter, Add	6,033.51	
For Variable Air Volume, Add	1,461.32	
For Hot Water Heating Coil, Aluminum Fins, Add	2,902.12	
For Steam Heating Coil, Aluminum Fins, Add	3,945.91	
For Economizer, Panel, Controls And Damper(s), Add	2,359.42	
For Flat Filter Box And Throwaway Filters, Add	1,190.11	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,277.70	
For Chilled Water Cooling Coil, Aluminum Fins, Add	4,989.71	
For Automatic Roll Filter, Add	6,555.41	
For Combination Filter Mixing Box And Throwaway Filters, Add	3,424.02	
For 2 Coils, Independent Circuits, Add	1,545.18	
For Direct Expansion Cooling Coil, Copper Fins, Add	5,511.61	
23 73 13 00-0015 EA 3,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	13,992.01	2,200.76
For Medium Capacity Filter Box And Throwaway Filters, Add	2,389.69	
For Hot Water Heating Coil, Copper Fins, Add	4,111.21	
For Chilled Water Cooling Coil, Copper Fins, Add	6,280.82	
For Electric Heating Coil, Add	5,196.02	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	4,653.61	
For Manual Roll Filter, Add	6,280.82	
For Variable Air Volume, Add	1,518.73	
For Hot Water Heating Coil, Aluminum Fins, Add	3,026.41	
For Steam Heating Coil, Aluminum Fins, Add	4,111.21	
For Economizer, Panel, Controls And Damper(s), Add	2,479.18	
For Flat Filter Box And Throwaway Filters, Add	1,242.00	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	3,411.61	
For Chilled Water Cooling Coil, Aluminum Fins, Add	5,196.02	
For Automatic Roll Filter, Add	6,823.22	
For Combination Filter Mixing Box And Throwaway Filters, Add	3,568.81	
For 2 Coils, Independent Circuits, Add	1,616.16	
For Direct Expansion Cooling Coil, Copper Fins, Add	5,738.42	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 73 13 00-0016	EA		4,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,373.48	2,540.72
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,602.70	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	4,473.03	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	6,821.58	
			<i>For Electric Heating Coil, Add</i>	5,647.30	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,060.17	
			<i>For Manual Roll Filter, Add</i>	6,821.58	
			<i>For Variable Air Volume, Add</i>	1,643.98	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,298.76	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	4,473.03	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,355.81	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,704.36	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	5,647.30	
			<i>For Automatic Roll Filter, Add</i>	7,408.71	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,885.89	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,772.20	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	6,234.44	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,392.30	
23 73 13 00-0017	EA		4,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	15,373.48	2,540.72
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,602.70	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	4,473.03	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	6,821.58	
			<i>For Electric Heating Coil, Add</i>	5,647.30	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,060.17	
			<i>For Manual Roll Filter, Add</i>	6,821.58	
			<i>For Variable Air Volume, Add</i>	1,643.98	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,298.76	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	4,473.03	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,355.81	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,704.36	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	5,647.30	
			<i>For Automatic Roll Filter, Add</i>	7,408.71	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	3,885.89	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,772.20	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	6,234.44	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,392.30	
23 73 13 00-0018	EA		5,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	16,881.71	2,918.24
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,834.28	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	4,866.16	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,408.56	
			<i>For Electric Heating Coil, Add</i>	6,137.36	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,501.76	
			<i>For Manual Roll Filter, Add</i>	7,408.56	
			<i>For Variable Air Volume, Add</i>	1,779.68	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,594.97	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	4,866.16	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,479.68	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,022.08	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,137.36	
			<i>For Automatic Roll Filter, Add</i>	8,044.16	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,230.57	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,942.41	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	6,772.96	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,607.90	
23 73 13 00-0019	EA		5,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	17,757.85	3,166.05
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,963.45	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	5,084.25	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	7,731.03	
			<i>For Electric Heating Coil, Add</i>	6,407.64	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	5,745.95	
			<i>For Manual Roll Filter, Add</i>	7,731.03	
			<i>For Variable Air Volume, Add</i>	1,852.74	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,760.87	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	5,084.25	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,549.59	
			<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,196.36	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	6,407.64	
			<i>For Automatic Roll Filter, Add</i>	8,392.72	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	4,422.56	
			<i>For 2 Coils, Independent Circuits, Add</i>	2,040.46	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	7,069.33	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,749.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0020 EA 6,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	18,615.17	3,401.34
For Medium Capacity Filter Box And Throwaway Filters, Add	3,091.31	
For Hot Water Heating Coil, Copper Fins, Add	5,300.46	
For Chilled Water Cooling Coil, Copper Fins, Add	8,051.61	
For Electric Heating Coil, Add	6,676.04	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,988.25	
For Manual Roll Filter, Add	8,051.61	
For Variable Air Volume, Add	1,925.81	
For Hot Water Heating Coil, Aluminum Fins, Add	3,924.88	
For Steam Heating Coil, Aluminum Fins, Add	5,300.46	
For Flat Filter Box And Throwaway Filters, Add	1,618.55	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,369.70	
For Chilled Water Cooling Coil, Aluminum Fins, Add	6,676.04	
For Automatic Roll Filter, Add	8,739.40	
For Combination Filter Mixing Box And Throwaway Filters, Add	4,612.67	
For 2 Coils, Independent Circuits, Add	2,136.63	
For Direct Expansion Cooling Coil, Copper Fins, Add	7,363.83	
For Economizer, Panel, Controls And Damper(s), Add	2,883.76	
23 73 13 00-0021 EA 6,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	19,478.17	3,641.09
For Medium Capacity Filter Box And Throwaway Filters, Add	3,219.57	
For Hot Water Heating Coil, Copper Fins, Add	5,517.23	
For Chilled Water Cooling Coil, Copper Fins, Add	8,372.77	
For Electric Heating Coil, Add	6,945.00	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,231.12	
For Manual Roll Filter, Add	8,372.77	
For Variable Air Volume, Add	1,998.87	
For Hot Water Heating Coil, Aluminum Fins, Add	4,089.47	
For Steam Heating Coil, Aluminum Fins, Add	5,517.23	
For Flat Filter Box And Throwaway Filters, Add	1,687.79	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,543.33	
For Chilled Water Cooling Coil, Aluminum Fins, Add	6,945.00	
For Automatic Roll Filter, Add	9,086.65	
For Combination Filter Mixing Box And Throwaway Filters, Add	4,803.35	
For 2 Coils, Independent Circuits, Add	2,233.37	
For Direct Expansion Cooling Coil, Copper Fins, Add	7,658.89	
For Economizer, Panel, Controls And Damper(s), Add	3,020.20	
23 73 13 00-0022 EA 7,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	20,473.34	3,919.31
For Medium Capacity Filter Box And Throwaway Filters, Add	3,366.77	
For Hot Water Heating Coil, Copper Fins, Add	5,765.86	
For Chilled Water Cooling Coil, Copper Fins, Add	8,740.69	
For Electric Heating Coil, Add	7,253.28	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,509.57	
For Manual Roll Filter, Add	8,740.69	
For Variable Air Volume, Add	2,082.38	
For Hot Water Heating Coil, Aluminum Fins, Add	4,278.45	
For Steam Heating Coil, Aluminum Fins, Add	5,765.86	
For Flat Filter Box And Throwaway Filters, Add	1,767.37	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,742.20	
For Chilled Water Cooling Coil, Aluminum Fins, Add	7,253.28	
For Automatic Roll Filter, Add	9,484.39	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,022.16	
For 2 Coils, Independent Circuits, Add	2,344.82	
For Direct Expansion Cooling Coil, Copper Fins, Add	7,996.98	
For Economizer, Panel, Controls And Damper(s), Add	3,179.69	
23 73 13 00-0023 EA 7,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	21,484.81	4,199.33
For Medium Capacity Filter Box And Throwaway Filters, Add	3,515.11	
For Hot Water Heating Coil, Copper Fins, Add	6,016.13	
For Chilled Water Cooling Coil, Copper Fins, Add	9,110.24	
For Electric Heating Coil, Add	7,563.18	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,789.66	
For Economizer, Panel, Controls And Damper(s), Add	2,984.27	
For Manual Roll Filter, Add	9,110.24	
For Variable Air Volume, Add	2,165.88	
For Hot Water Heating Coil, Aluminum Fins, Add	4,469.07	
For Steam Heating Coil, Aluminum Fins, Add	6,016.13	
For Flat Filter Box And Throwaway Filters, Add	1,847.77	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	4,941.89	
For Chilled Water Cooling Coil, Aluminum Fins, Add	7,563.18	
For Automatic Roll Filter, Add	9,883.77	
For Combination Filter Mixing Box And Throwaway Filters, Add	5,242.60	
For 2 Coils, Independent Circuits, Add	2,457.89	
For Direct Expansion Cooling Coil, Copper Fins, Add	8,336.71	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0024	EA		8,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Variable Air Volume, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	22,529.87 3,665.81 6,269.75 9,483.16 7,876.45 7,073.10 3,118.85 9,483.16 2,249.39 4,663.04 6,269.75 1,929.85 5,143.25 7,876.45 10,286.51 5,466.40 2,574.33 8,679.80	4,522.16
23 73 13 00-0025	EA		9,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Variable Air Volume, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	23,721.78 3,836.47 6,556.69 9,904.30 8,230.50 7,393.59 3,275.12 9,904.30 2,343.33 4,882.89 6,556.69 2,022.99 5,370.60 8,230.50 10,741.20 5,719.79 2,706.94 9,067.40	4,898.92
23 73 13 00-0026	EA		10,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Variable Air Volume, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	24,882.88 4,004.98 6,840.55 10,322.37 8,581.46 7,711.01 3,422.15 10,322.37 2,437.27 5,099.65 6,840.55 2,114.60 5,596.41 8,581.46 11,192.82 5,970.10 2,836.47 9,451.91	5,230.44
23 73 13 00-0027	EA		11,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan <i>For Medium Capacity Filter Box And Throwaway Filters, Add</i> <i>For Hot Water Heating Coil, Copper Fins, Add</i> <i>For Chilled Water Cooling Coil, Copper Fins, Add</i> <i>For Electric Heating Coil, Add</i> <i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i> <i>For Economizer, Panel, Controls And Damper(s), Add</i> <i>For Manual Roll Filter, Add</i> <i>For Variable Air Volume, Add</i> <i>For Hot Water Heating Coil, Aluminum Fins, Add</i> <i>For Steam Heating Coil, Aluminum Fins, Add</i> <i>For Flat Filter Box And Throwaway Filters, Add</i> <i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i> <i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i> <i>For Automatic Roll Filter, Add</i> <i>For Combination Filter Mixing Box And Throwaway Filters, Add</i> <i>For 2 Coils, Independent Circuits, Add</i> <i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	24,954.86 4,053.63 6,931.63 10,480.54 8,706.09 7,818.86 3,343.09 10,480.54 2,484.24 5,157.17 6,931.63 2,134.97 5,683.89 8,706.09 11,367.77 6,044.40 2,850.38 9,593.31	5,064.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0028 EA 12,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	26,105.33	5,618.83
For Medium Capacity Filter Box And Throwaway Filters, Add	4,177.78	
For Hot Water Heating Coil, Copper Fins, Add	7,130.55	
For Chilled Water Cooling Coil, Copper Fins, Add	10,746.56	
For Electric Heating Coil, Add	8,938.56	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,034.55	
For Economizer, Panel, Controls And Damper(s), Add	3,587.58	
For Manual Roll Filter, Add	10,746.56	
For Variable Air Volume, Add	2,531.21	
For Hot Water Heating Coil, Aluminum Fins, Add	5,322.54	
For Steam Heating Coil, Aluminum Fins, Add	7,130.55	
For Flat Filter Box And Throwaway Filters, Add	2,209.27	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	5,825.28	
For Chilled Water Cooling Coil, Aluminum Fins, Add	8,938.56	
For Automatic Roll Filter, Add	11,650.57	
For Combination Filter Mixing Box And Throwaway Filters, Add	6,226.55	
For 2 Coils, Independent Circuits, Add	2,972.13	
For Direct Expansion Cooling Coil, Copper Fins, Add	9,842.56	
23 73 13 00-0029 EA 13,700 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	27,473.50	5,844.53
For Medium Capacity Filter Box And Throwaway Filters, Add	4,414.09	
For Hot Water Heating Coil, Copper Fins, Add	7,537.64	
For Chilled Water Cooling Coil, Copper Fins, Add	11,369.87	
For Electric Heating Coil, Add	9,453.75	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,495.70	
For Manual Roll Filter, Add	11,369.87	
For Variable Air Volume, Add	2,682.56	
For Hot Water Heating Coil, Aluminum Fins, Add	5,621.52	
For Steam Heating Coil, Aluminum Fins, Add	7,537.64	
For Flat Filter Box And Throwaway Filters, Add	2,331.73	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	6,163.96	
For Chilled Water Cooling Coil, Aluminum Fins, Add	9,453.75	
For Automatic Roll Filter, Add	12,327.93	
For Economizer, Panel, Controls And Damper(s), Add	3,062.47	
For Combination Filter Mixing Box And Throwaway Filters, Add	6,579.58	
For 2 Coils, Independent Circuits, Add	3,130.57	
For Direct Expansion Cooling Coil, Copper Fins, Add	10,411.81	
23 73 13 00-0030 EA 15,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	28,921.50	6,070.87
For Medium Capacity Filter Box And Throwaway Filters, Add	4,655.99	
For Hot Water Heating Coil, Copper Fins, Add	7,952.71	
For Chilled Water Cooling Coil, Copper Fins, Add	12,001.15	
For Electric Heating Coil, Add	9,976.93	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,964.82	
For Manual Roll Filter, Add	12,001.15	
For Variable Air Volume, Add	2,833.91	
For Hot Water Heating Coil, Aluminum Fins, Add	5,928.48	
For Steam Heating Coil, Aluminum Fins, Add	7,952.71	
For Flat Filter Box And Throwaway Filters, Add	2,458.19	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	6,506.63	
For Chilled Water Cooling Coil, Aluminum Fins, Add	9,976.93	
For Automatic Roll Filter, Add	13,013.27	
For Economizer, Panel, Controls And Damper(s), Add	3,135.85	
For Combination Filter Mixing Box And Throwaway Filters, Add	6,940.60	
For 2 Coils, Independent Circuits, Add	3,296.99	
For Direct Expansion Cooling Coil, Copper Fins, Add	10,989.04	
23 73 13 00-0031 EA 16,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	30,444.51	6,304.37
For Medium Capacity Filter Box And Throwaway Filters, Add	4,922.53	
For Hot Water Heating Coil, Copper Fins, Add	8,412.56	
For Chilled Water Cooling Coil, Copper Fins, Add	12,707.04	
For Electric Heating Coil, Add	10,559.80	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	9,486.18	
For Manual Roll Filter, Add	12,707.04	
For Variable Air Volume, Add	3,006.14	
For Hot Water Heating Coil, Aluminum Fins, Add	6,265.31	
For Steam Heating Coil, Aluminum Fins, Add	8,412.56	
For Flat Filter Box And Throwaway Filters, Add	2,595.85	
For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add	6,890.33	
For Chilled Water Cooling Coil, Aluminum Fins, Add	10,559.80	
For Automatic Roll Filter, Add	13,780.66	
For Economizer, Panel, Controls And Damper(s), Add	3,194.42	
For Combination Filter Mixing Box And Throwaway Filters, Add	7,338.94	
For 2 Coils, Independent Circuits, Add	3,473.90	
For Direct Expansion Cooling Coil, Copper Fins, Add	11,633.42	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 73 13 00-0032	EA		17,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Medium Capacity Filter Box And Throwaway Filters, Add For Hot Water Heating Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Electric Heating Coil, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Manual Roll Filter, Add For Variable Air Volume, Add For Hot Water Heating Coil, Aluminum Fins, Add For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add For Chilled Water Cooling Coil, Aluminum Fins, Add For Automatic Roll Filter, Add For Economizer, Panel, Controls And Damper(s), Add For Combination Filter Mixing Box And Throwaway Filters, Add For 2 Coils, Independent Circuits, Add For Direct Expansion Cooling Coil, Copper Fins, Add	32,038.82	6,538.11
23 73 13 00-0033	EA		20,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Manual Roll Filter, Add For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Electric Heating Coil, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	35,666.96	7,009.32
23 73 13 00-0034	EA		22,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Manual Roll Filter, Add For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Electric Heating Coil, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	39,535.17	7,554.14
23 73 13 00-0035	EA		25,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan For Chilled Water Cooling Coil, Aluminum Fins, Add For Direct Expansion Cooling Coil, Copper Fins, Add For Chilled Water Cooling Coil, Copper Fins, Add For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add For Direct Expansion Cooling Coil, Aluminum Fins, Add For Hot Water Heating Coil, Copper Fins, Add For Variable Air Volume, Add For Combination Filter Mixing Box And Throwaway Filters, Add For Hot Water Heating Coil, Aluminum Fins, Add For Manual Roll Filter, Add For Steam Heating Coil, Aluminum Fins, Add For Flat Filter Box And Throwaway Filters, Add For Automatic Roll Filter, Add For Medium Capacity Filter Box And Throwaway Filters, Add For Electric Heating Coil, Add For Economizer, Panel, Controls And Damper(s), Add For 2 Coils, Independent Circuits, Add	43,743.00	8,094.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0036 EA 27,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	53,603.75	8,717.15
For Chilled Water Cooling Coil, Aluminum Fins, Add	17,707.02	
For Direct Expansion Cooling Coil, Copper Fins, Add	19,764.79	
For Chilled Water Cooling Coil, Copper Fins, Add	21,822.56	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	10,911.28	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,649.24	
For Hot Water Heating Coil, Copper Fins, Add	15,649.24	
For Variable Air Volume, Add	5,761.77	
For Combination Filter Mixing Box And Throwaway Filters, Add	15,649.24	
For Hot Water Heating Coil, Aluminum Fins, Add	9,475.92	
For Manual Roll Filter, Add	22,645.67	
For Steam Heating Coil, Aluminum Fins, Add	13,591.47	
For Flat Filter Box And Throwaway Filters, Add	4,737.96	
For Automatic Roll Filter, Add	23,880.34	
For Medium Capacity Filter Box And Throwaway Filters, Add	9,102.47	
For Electric Heating Coil, Add	10,299.03	
For Economizer, Panel, Controls And Damper(s), Add	3,913.45	
For 2 Coils, Independent Circuits, Add	6,183.48	
23 73 13 00-0037 EA 30,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	59,805.55	9,304.27
For Chilled Water Cooling Coil, Aluminum Fins, Add	19,937.63	
For Direct Expansion Cooling Coil, Copper Fins, Add	22,263.80	
For Chilled Water Cooling Coil, Copper Fins, Add	24,589.98	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	12,294.99	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	17,611.45	
For Hot Water Heating Coil, Copper Fins, Add	17,611.45	
For Variable Air Volume, Add	6,513.30	
For Combination Filter Mixing Box And Throwaway Filters, Add	17,611.45	
For Hot Water Heating Coil, Aluminum Fins, Add	10,632.91	
For Manual Roll Filter, Add	25,520.45	
For Steam Heating Coil, Aluminum Fins, Add	15,285.27	
For Flat Filter Box And Throwaway Filters, Add	5,316.46	
For Automatic Roll Filter, Add	26,916.16	
For Medium Capacity Filter Box And Throwaway Filters, Add	10,234.45	
For Electric Heating Coil, Add	11,563.38	
For Economizer, Panel, Controls And Damper(s), Add	3,757.30	
For 2 Coils, Independent Circuits, Add	6,911.03	
23 73 13 00-0038 EA 32,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	65,489.58	10,019.32
For Chilled Water Cooling Coil, Aluminum Fins, Add	21,903.98	
For Direct Expansion Cooling Coil, Copper Fins, Add	24,463.14	
For Chilled Water Cooling Coil, Copper Fins, Add	27,022.31	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	13,511.16	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	19,344.81	
For Hot Water Heating Coil, Copper Fins, Add	19,344.81	
For Variable Air Volume, Add	7,165.67	
For Combination Filter Mixing Box And Throwaway Filters, Add	19,344.81	
For Hot Water Heating Coil, Aluminum Fins, Add	11,667.30	
For Manual Roll Filter, Add	28,045.98	
For Steam Heating Coil, Aluminum Fins, Add	16,785.64	
For Flat Filter Box And Throwaway Filters, Add	5,833.65	
For Automatic Roll Filter, Add	29,581.48	
For Medium Capacity Filter Box And Throwaway Filters, Add	11,238.11	
For Electric Heating Coil, Add	12,690.96	
For Economizer, Panel, Controls And Damper(s), Add	3,910.93	
For 2 Coils, Independent Circuits, Add	7,572.63	
23 73 13 00-0039 EA 35,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	71,834.12	8,989.95
For Chilled Water Cooling Coil, Aluminum Fins, Add	24,070.57	
For Direct Expansion Cooling Coil, Copper Fins, Add	26,885.10	
For Chilled Water Cooling Coil, Copper Fins, Add	29,699.63	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	14,849.81	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	21,256.05	
For Hot Water Heating Coil, Copper Fins, Add	21,256.05	
For Variable Air Volume, Add	7,880.68	
For Combination Filter Mixing Box And Throwaway Filters, Add	21,256.05	
For Hot Water Heating Coil, Aluminum Fins, Add	12,812.47	
For Manual Roll Filter, Add	30,825.44	
For Steam Heating Coil, Aluminum Fins, Add	18,441.52	
For Flat Filter Box And Throwaway Filters, Add	6,406.23	
For Automatic Roll Filter, Add	32,514.16	
For Medium Capacity Filter Box And Throwaway Filters, Add	12,346.16	
For Electric Heating Coil, Add	13,938.28	
For Economizer, Panel, Controls And Damper(s), Add	4,096.54	
For 2 Coils, Independent Circuits, Add	8,309.22	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0040	EA	37,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	77,280.07	11,540.68
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	25,968.38	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	29,008.44	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	32,048.50	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	16,024.25	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	22,928.32	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	22,928.32	
			<i>For Variable Air Volume, Add</i>	8,512.17	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	22,928.32	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	13,808.13	
			<i>For Manual Roll Filter, Add</i>	33,264.53	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	19,888.26	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	6,904.07	
			<i>For Automatic Roll Filter, Add</i>	35,088.57	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	13,313.77	
			<i>For Electric Heating Coil, Add</i>	15,024.16	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,236.82	
			<i>For 2 Coils, Independent Circuits, Add</i>	8,944.03	
23 73	13 00-0041	EA	40,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	83,343.21	12,345.71
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	28,028.55	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	31,310.93	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	34,593.30	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	17,296.65	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	24,746.18	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	24,746.18	
			<i>For Variable Air Volume, Add</i>	9,190.64	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	24,746.18	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	14,899.07	
			<i>For Manual Roll Filter, Add</i>	35,906.25	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	21,463.81	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	7,449.53	
			<i>For Automatic Roll Filter, Add</i>	37,875.67	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	14,368.19	
			<i>For Electric Heating Coil, Add</i>	16,212.01	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,041.97	
			<i>For 2 Coils, Independent Circuits, Add</i>	9,647.27	
23 73	13 00-0042	EA	45,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	89,947.16	13,329.92
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	30,265.83	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	33,811.01	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	37,356.20	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	18,678.10	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	26,720.64	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	26,720.64	
			<i>For Variable Air Volume, Add</i>	9,926.52	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	26,720.64	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	16,085.09	
			<i>For Manual Roll Filter, Add</i>	38,774.27	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	23,175.46	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	8,042.54	
			<i>For Automatic Roll Filter, Add</i>	40,901.39	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	15,513.78	
			<i>For Electric Heating Coil, Add</i>	17,503.16	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,210.43	
			<i>For 2 Coils, Independent Circuits, Add</i>	10,412.79	
23 73	13 00-0043	EA	47,500 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	93,711.42	13,956.02
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	31,514.57	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	35,205.15	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	38,895.72	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	19,447.86	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	27,824.00	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	27,824.00	
			<i>For Variable Air Volume, Add</i>	10,333.60	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	27,824.00	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	16,752.29	
			<i>For Manual Roll Filter, Add</i>	40,371.95	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	24,133.43	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	8,376.14	
			<i>For Automatic Roll Filter, Add</i>	42,586.29	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	16,155.29	
			<i>For Electric Heating Coil, Add</i>	18,228.51	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,317.50	
			<i>For 2 Coils, Independent Circuits, Add</i>	10,847.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0044 EA 50,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan.....	97,257.54	14,492.79
For Chilled Water Cooling Coil, Aluminum Fins, Add	32,696.77	
For Direct Expansion Cooling Coil, Copper Fins, Add	36,525.27	
For Chilled Water Cooling Coil, Copper Fins, Add	40,353.77	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	20,176.89	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	28,868.27	
For Hot Water Heating Coil, Copper Fins, Add	28,868.27	
For Variable Air Volume, Add	10,719.81	
For Combination Filter Mixing Box And Throwaway Filters, Add	28,868.27	
For Hot Water Heating Coil, Aluminum Fins, Add	17,382.76	
For Manual Roll Filter, Add	41,885.18	
For Steam Heating Coil, Aluminum Fins, Add	25,039.76	
For Flat Filter Box And Throwaway Filters, Add	8,691.38	
For Automatic Roll Filter, Add	44,182.28	
For Medium Capacity Filter Box And Throwaway Filters, Add	16,762.13	
For Electric Heating Coil, Add	18,914.16	
For Economizer, Panel, Controls And Damper(s), Add	4,415.94	
For 2 Coils, Independent Circuits, Add	11,257.16	
23 73 13 00-0045 EA 55,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan....	104,840.65	15,476.87
For Chilled Water Cooling Coil, Aluminum Fins, Add	35,300.37	
For Direct Expansion Cooling Coil, Copper Fins, Add	39,436.42	
For Chilled Water Cooling Coil, Copper Fins, Add	43,572.47	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	21,786.23	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	31,164.32	
For Hot Water Heating Coil, Copper Fins, Add	31,164.32	
For Variable Air Volume, Add	11,580.94	
For Combination Filter Mixing Box And Throwaway Filters, Add	31,164.32	
For Hot Water Heating Coil, Aluminum Fins, Add	18,756.17	
For Manual Roll Filter, Add	45,226.89	
For Steam Heating Coil, Aluminum Fins, Add	27,028.27	
For Flat Filter Box And Throwaway Filters, Add	9,378.08	
For Automatic Roll Filter, Add	47,708.52	
For Medium Capacity Filter Box And Throwaway Filters, Add	18,092.58	
For Electric Heating Coil, Add	20,410.59	
For Economizer, Panel, Controls And Damper(s), Add	4,594.96	
For 2 Coils, Independent Circuits, Add	12,138.49	
23 73 13 00-0046 EA 60,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan....	114,626.63	16,550.41
For Chilled Water Cooling Coil, Aluminum Fins, Add	38,750.53	
For Economizer, Panel, Controls And Damper(s), Add	4,266.71	
For Direct Expansion Cooling Coil, Copper Fins, Add	43,298.51	
For Chilled Water Cooling Coil, Copper Fins, Add	47,846.48	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	23,923.24	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	34,202.55	
For Hot Water Heating Coil, Copper Fins, Add	34,202.55	
For Variable Air Volume, Add	12,734.34	
For Combination Filter Mixing Box And Throwaway Filters, Add	34,202.55	
For Hot Water Heating Coil, Aluminum Fins, Add	20,558.62	
For Manual Roll Filter, Add	49,665.67	
For Steam Heating Coil, Aluminum Fins, Add	29,654.57	
For Flat Filter Box And Throwaway Filters, Add	10,279.31	
For Automatic Roll Filter, Add	52,394.46	
For Medium Capacity Filter Box And Throwaway Filters, Add	19,848.61	
For Electric Heating Coil, Add	22,377.81	
For 2 Coils, Independent Circuits, Add	13,281.85	
23 73 13 00-0047 EA 65,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan....	125,615.98	17,892.33
For Chilled Water Cooling Coil, Aluminum Fins, Add	42,578.25	
For Economizer, Panel, Controls And Damper(s), Add	4,456.05	
For Direct Expansion Cooling Coil, Copper Fins, Add	47,581.02	
For Chilled Water Cooling Coil, Copper Fins, Add	52,583.80	
For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add	26,291.90	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	37,575.47	
For Hot Water Heating Coil, Copper Fins, Add	37,575.47	
For Variable Air Volume, Add	14,007.77	
For Combination Filter Mixing Box And Throwaway Filters, Add	37,575.47	
For Hot Water Heating Coil, Aluminum Fins, Add	22,567.15	
For Manual Roll Filter, Add	54,584.91	
For Steam Heating Coil, Aluminum Fins, Add	32,572.70	
For Flat Filter Box And Throwaway Filters, Add	11,283.57	
For Automatic Roll Filter, Add	57,586.57	
For Medium Capacity Filter Box And Throwaway Filters, Add	21,800.33	
For Electric Heating Coil, Add	24,568.26	
For 2 Coils, Independent Circuits, Add	14,562.71	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0048	EA		70,000 CFM Single Zone Air Handling Unit, Built-Up, Constant Volume, Horizontal / Vertical, Draw-Through Fan	137,866.50	19,413.19
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	46,811.68	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,678.31	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	52,315.85	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	57,820.02	
			<i>For Welded Exterior Waterproof Casing, Double Wall, With Insulation, Add</i>	28,910.01	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	41,307.51	
			<i>For Hot Water Heating Coil, Copper Fins, Add</i>	41,307.51	
			<i>For Variable Air Volume, Add</i>	15,411.68	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	41,307.51	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	24,794.99	
			<i>For Manual Roll Filter, Add</i>	60,021.69	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	35,803.33	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	12,397.50	
			<i>For Automatic Roll Filter, Add</i>	63,324.19	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	23,961.50	
			<i>For Electric Heating Coil, Add</i>	26,996.66	
			<i>For 2 Coils, Independent Circuits, Add</i>	15,988.32	
23 73 13 00-0049			Multi-Zone Units <small>(23 73 13)</small>		
			Note: Horizontal/vertical blow-thru fan, motor and cabinet.		
23 73 13 00-0050	EA		1,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	8,264.20	1,610.05
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	1,721.10	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	3,510.47	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,353.89	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	3,510.47	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,249.75	
			<i>For Automatic Roll Filter, Add</i>	3,510.47	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	826.42	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	2,914.02	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	2,914.02	
			<i>For Manual Roll Filter, Add</i>	3,510.47	
			<i>For Electric Heating Coil, Add</i>	945.71	
			<i>For 2 Coils, Independent Circuits, Add</i>	945.71	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	711.44	
23 73 13 00-0051	EA		1,200 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	10,300.10	2,017.11
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,142.77	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	4,368.30	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	1,685.40	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	4,368.30	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,657.18	
			<i>For Automatic Roll Filter, Add</i>	4,368.30	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,030.01	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	3,626.46	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	3,626.46	
			<i>For Manual Roll Filter, Add</i>	4,368.30	
			<i>For Electric Heating Coil, Add</i>	1,178.38	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,178.38	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	885.93	
23 73 13 00-0052	EA		1,600 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	12,684.49	2,146.83
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,711.13	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,596.48	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,138.23	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,596.48	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,786.65	
			<i>For Automatic Roll Filter, Add</i>	5,596.48	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,268.45	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,634.70	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,634.70	
			<i>For Manual Roll Filter, Add</i>	5,596.48	
			<i>For Electric Heating Coil, Add</i>	1,460.81	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,460.81	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,115.12	
23 73 13 00-0053	EA		2,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	13,199.38	2,298.91
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	2,807.35	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	5,782.17	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	2,213.05	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	5,782.17	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	2,938.31	
			<i>For Automatic Roll Filter, Add</i>	5,782.17	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	1,319.94	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	4,790.57	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	4,790.57	
			<i>For Manual Roll Filter, Add</i>	5,782.17	
			<i>For Electric Heating Coil, Add</i>	1,518.26	
			<i>For 2 Coils, Independent Circuits, Add</i>	1,518.26	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	1,155.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0054 EA 2,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	15,412.57	2,464.42
For Combination Filter Mixing Box And Throwaway Filters, Add	3,325.03	
For Direct Expansion Cooling Coil, Copper Fins, Add	6,892.59	
For Medium Capacity Filter Box And Throwaway Filters, Add	2,624.82	
For Chilled Water Cooling Coil, Copper Fins, Add	6,892.59	
For Economizer, Panel, Controls And Damper(s), Add	3,104.51	
For Automatic Roll Filter, Add	6,892.59	
For Hot Water Heating Coil, Aluminum Fins, Add	1,541.26	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,703.40	
For Chilled Water Cooling Coil, Aluminum Fins, Add	5,703.40	
For Manual Roll Filter, Add	6,892.59	
For Electric Heating Coil, Add	1,779.09	
For 2 Coils, Independent Circuits, Add	1,779.09	
For Flat Filter Box And Throwaway Filters, Add	1,365.22	
23 73 13 00-0055 EA 3,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	16,258.28	2,639.12
For Combination Filter Mixing Box And Throwaway Filters, Add	3,499.07	
For Direct Expansion Cooling Coil, Copper Fins, Add	7,245.56	
For Medium Capacity Filter Box And Throwaway Filters, Add	2,761.56	
For Chilled Water Cooling Coil, Copper Fins, Add	7,245.56	
For Economizer, Panel, Controls And Damper(s), Add	3,278.99	
For Automatic Roll Filter, Add	7,245.56	
For Hot Water Heating Coil, Aluminum Fins, Add	1,625.83	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	5,996.73	
For Chilled Water Cooling Coil, Aluminum Fins, Add	5,996.73	
For Manual Roll Filter, Add	7,245.56	
For Electric Heating Coil, Add	1,875.59	
For 2 Coils, Independent Circuits, Add	1,875.59	
For Flat Filter Box And Throwaway Filters, Add	1,437.33	
23 73 13 00-0056 EA 3,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	17,147.30	2,817.91
For Combination Filter Mixing Box And Throwaway Filters, Add	3,683.03	
For Direct Expansion Cooling Coil, Copper Fins, Add	7,619.64	
For Medium Capacity Filter Box And Throwaway Filters, Add	2,906.17	
For Chilled Water Cooling Coil, Copper Fins, Add	7,619.64	
For Economizer, Panel, Controls And Damper(s), Add	3,457.69	
For Automatic Roll Filter, Add	7,619.64	
For Hot Water Heating Coil, Aluminum Fins, Add	1,714.73	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	6,307.44	
For Chilled Water Cooling Coil, Aluminum Fins, Add	6,307.44	
For Manual Roll Filter, Add	7,619.64	
For Electric Heating Coil, Add	1,977.17	
For 2 Coils, Independent Circuits, Add	1,977.17	
For Flat Filter Box And Throwaway Filters, Add	1,513.47	
23 73 13 00-0057 EA 4,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	19,109.94	3,023.80
For Combination Filter Mixing Box And Throwaway Filters, Add	4,130.93	
For Direct Expansion Cooling Coil, Copper Fins, Add	8,570.80	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,261.64	
For Chilled Water Cooling Coil, Copper Fins, Add	8,570.80	
For Automatic Roll Filter, Add	8,570.80	
For Hot Water Heating Coil, Aluminum Fins, Add	1,910.99	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,090.84	
For Chilled Water Cooling Coil, Aluminum Fins, Add	7,090.84	
For Manual Roll Filter, Add	8,570.80	
For Electric Heating Coil, Add	2,206.99	
For 2 Coils, Independent Circuits, Add	2,206.99	
For Flat Filter Box And Throwaway Filters, Add	1,695.48	
For Economizer, Panel, Controls And Damper(s), Add	3,120.70	
23 73 13 00-0058 EA 4,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	20,879.76	3,238.26
For Combination Filter Mixing Box And Throwaway Filters, Add	4,525.99	
For Direct Expansion Cooling Coil, Copper Fins, Add	9,402.02	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,574.53	
For Chilled Water Cooling Coil, Copper Fins, Add	9,402.02	
For Automatic Roll Filter, Add	9,402.02	
For Hot Water Heating Coil, Aluminum Fins, Add	2,087.98	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	7,776.68	
For Chilled Water Cooling Coil, Aluminum Fins, Add	7,776.68	
For Manual Roll Filter, Add	9,402.02	
For Electric Heating Coil, Add	2,413.04	
For 2 Coils, Independent Circuits, Add	2,413.04	
For Flat Filter Box And Throwaway Filters, Add	1,856.66	
For Economizer, Panel, Controls And Damper(s), Add	3,294.48	
23 73 13 00-0059 EA 5,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	22,077.81	3,458.58
For Combination Filter Mixing Box And Throwaway Filters, Add	4,780.00	
For Direct Expansion Cooling Coil, Copper Fins, Add	9,924.43	
For Medium Capacity Filter Box And Throwaway Filters, Add	3,774.70	
For Chilled Water Cooling Coil, Copper Fins, Add	9,924.43	
For Automatic Roll Filter, Add	9,924.43	
For Hot Water Heating Coil, Aluminum Fins, Add	2,207.78	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	8,209.62	
For Chilled Water Cooling Coil, Aluminum Fins, Add	8,209.62	
For Manual Roll Filter, Add	9,924.43	
For Electric Heating Coil, Add	2,550.74	
For 2 Coils, Independent Circuits, Add	2,550.74	
For Flat Filter Box And Throwaway Filters, Add	1,961.30	
For Economizer, Panel, Controls And Damper(s), Add	3,461.34	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 73 Indoor Central-Station Air-Handling Units



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73	13 00-0060	EA	5,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	24,330.41	3,695.02
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	5,290.44	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	11,005.24	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,179.54	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	11,005.24	
			<i>For Automatic Roll Filter, Add</i>	11,005.24	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,433.04	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	9,100.30	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	9,100.30	
			<i>For Manual Roll Filter, Add</i>	11,005.24	
			<i>For Electric Heating Coil, Add</i>	2,814.03	
			<i>For 2 Coils, Independent Circuits, Add</i>	2,814.03	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,168.99	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,654.60	
23 73	13 00-0061	EA	6,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	25,890.95	3,954.46
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	5,625.43	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	11,698.10	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,443.86	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	11,698.10	
			<i>For Automatic Roll Filter, Add</i>	11,698.10	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,589.10	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	9,673.88	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	9,673.88	
			<i>For Manual Roll Filter, Add</i>	11,698.10	
			<i>For Electric Heating Coil, Add</i>	2,993.94	
			<i>For 2 Coils, Independent Circuits, Add</i>	2,993.94	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,306.66	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,856.80	
23 73	13 00-0062	EA	6,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	28,384.88	4,294.16
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,176.78	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	12,853.36	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	4,880.13	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	12,853.36	
			<i>For Automatic Roll Filter, Add</i>	12,853.36	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	2,838.49	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	10,627.83	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	10,627.83	
			<i>For Manual Roll Filter, Add</i>	12,853.36	
			<i>For Electric Heating Coil, Add</i>	3,263.59	
			<i>For 2 Coils, Independent Circuits, Add</i>	3,263.59	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,532.01	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,121.29	
23 73	13 00-0063	EA	7,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	30,500.30	4,625.30
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,634.36	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	13,803.01	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	5,241.44	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	13,803.01	
			<i>For Automatic Roll Filter, Add</i>	13,803.01	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,050.03	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	11,413.46	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	11,413.46	
			<i>For Manual Roll Filter, Add</i>	13,803.01	
			<i>For Electric Heating Coil, Add</i>	3,527.94	
			<i>For 2 Coils, Independent Circuits, Add</i>	3,527.94	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,719.79	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,382.63	
23 73	13 00-0064	EA	7,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	32,031.88	5,000.91
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	6,938.49	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	14,409.11	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	5,479.50	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	14,409.11	
			<i>For Automatic Roll Filter, Add</i>	14,409.11	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,203.19	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,791.94	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	11,918.90	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	11,918.90	
			<i>For Manual Roll Filter, Add</i>	14,409.11	
			<i>For Electric Heating Coil, Add</i>	3,701.23	
			<i>For 2 Coils, Independent Circuits, Add</i>	3,701.23	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	2,846.70	
23 73	13 00-0065	EA	8,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	35,520.31	5,394.29
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	7,723.50	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	16,066.42	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	6,101.69	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	16,066.42	
			<i>For Automatic Roll Filter, Add</i>	16,066.42	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	3,552.03	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,024.22	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	13,285.45	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	13,285.45	
			<i>For Manual Roll Filter, Add</i>	16,066.42	
			<i>For Electric Heating Coil, Add</i>	4,108.23	
			<i>For 2 Coils, Independent Circuits, Add</i>	4,108.23	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	3,166.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0066 EA 8,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	37,426.86	5,814.75
For Combination Filter Mixing Box And Throwaway Filters, Add	8,109.86	
For Direct Expansion Cooling Coil, Copper Fins, Add	16,844.22	
For Medium Capacity Filter Box And Throwaway Filters, Add	6,404.77	
For Chilled Water Cooling Coil, Copper Fins, Add	16,844.22	
For Automatic Roll Filter, Add	16,844.22	
For Hot Water Heating Coil, Aluminum Fins, Add	3,742.69	
For Economizer, Panel, Controls And Damper(s), Add	4,264.94	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	13,932.76	
For Chilled Water Cooling Coil, Aluminum Fins, Add	13,932.76	
For Manual Roll Filter, Add	16,844.22	
For Electric Heating Coil, Add	4,324.98	
For 2 Coils, Independent Circuits, Add	4,324.98	
For Flat Filter Box And Throwaway Filters, Add	3,327.07	
23 73 13 00-0067 EA 9,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	39,536.96	6,298.10
For Combination Filter Mixing Box And Throwaway Filters, Add	8,538.95	
For Direct Expansion Cooling Coil, Copper Fins, Add	17,709.46	
For Medium Capacity Filter Box And Throwaway Filters, Add	6,741.48	
For Chilled Water Cooling Coil, Copper Fins, Add	17,709.46	
For Automatic Roll Filter, Add	17,709.46	
For Hot Water Heating Coil, Aluminum Fins, Add	3,953.70	
For Economizer, Panel, Controls And Damper(s), Add	4,527.44	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	14,652.63	
For Chilled Water Cooling Coil, Aluminum Fins, Add	14,652.63	
For Manual Roll Filter, Add	17,709.46	
For Electric Heating Coil, Add	4,565.06	
For 2 Coils, Independent Circuits, Add	4,565.06	
For Flat Filter Box And Throwaway Filters, Add	3,505.27	
23 73 13 00-0068 EA 10,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	41,815.60	6,798.70
For Combination Filter Mixing Box And Throwaway Filters, Add	8,996.08	
For Direct Expansion Cooling Coil, Copper Fins, Add	18,625.12	
For Medium Capacity Filter Box And Throwaway Filters, Add	7,099.67	
For Chilled Water Cooling Coil, Copper Fins, Add	18,625.12	
For Automatic Roll Filter, Add	18,625.12	
For Hot Water Heating Coil, Aluminum Fins, Add	4,181.56	
For Economizer, Panel, Controls And Damper(s), Add	4,095.64	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,415.44	
For Chilled Water Cooling Coil, Aluminum Fins, Add	15,415.44	
For Manual Roll Filter, Add	18,625.12	
For Electric Heating Coil, Add	4,823.50	
For 2 Coils, Independent Circuits, Add	4,823.50	
For Flat Filter Box And Throwaway Filters, Add	3,695.62	
23 73 13 00-0069 EA 11,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	43,005.67	7,058.52
For Combination Filter Mixing Box And Throwaway Filters, Add	9,235.31	
For Direct Expansion Cooling Coil, Copper Fins, Add	19,104.79	
For Medium Capacity Filter Box And Throwaway Filters, Add	7,287.17	
For Chilled Water Cooling Coil, Copper Fins, Add	19,104.79	
For Automatic Roll Filter, Add	19,104.79	
For Hot Water Heating Coil, Aluminum Fins, Add	4,300.57	
For Economizer, Panel, Controls And Damper(s), Add	4,212.22	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	15,814.97	
For Chilled Water Cooling Coil, Aluminum Fins, Add	15,814.97	
For Manual Roll Filter, Add	19,104.79	
For Electric Heating Coil, Add	4,958.53	
For 2 Coils, Independent Circuits, Add	4,958.53	
For Flat Filter Box And Throwaway Filters, Add	3,795.20	
23 73 13 00-0070 EA 12,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	44,137.35	7,310.42
For Combination Filter Mixing Box And Throwaway Filters, Add	9,468.70	
For Direct Expansion Cooling Coil, Copper Fins, Add	19,578.63	
For Medium Capacity Filter Box And Throwaway Filters, Add	7,470.58	
For Chilled Water Cooling Coil, Copper Fins, Add	19,578.63	
For Automatic Roll Filter, Add	19,578.63	
For Hot Water Heating Coil, Aluminum Fins, Add	4,413.74	
For Economizer, Panel, Controls And Damper(s), Add	4,311.27	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	16,208.65	
For Chilled Water Cooling Coil, Aluminum Fins, Add	16,208.65	
For Manual Roll Filter, Add	19,578.63	
For Electric Heating Coil, Add	5,087.73	
For 2 Coils, Independent Circuits, Add	5,087.73	
For Flat Filter Box And Throwaway Filters, Add	3,891.86	
23 73 13 00-0071 EA 13,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	49,811.01	7,604.24
For Combination Filter Mixing Box And Throwaway Filters, Add	10,818.92	
For Direct Expansion Cooling Coil, Copper Fins, Add	22,494.54	
For Medium Capacity Filter Box And Throwaway Filters, Add	8,546.21	
For Chilled Water Cooling Coil, Copper Fins, Add	22,494.54	
For Automatic Roll Filter, Add	22,494.54	
For Hot Water Heating Coil, Aluminum Fins, Add	4,981.10	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	18,602.67	
For Chilled Water Cooling Coil, Aluminum Fins, Add	18,602.67	
For Manual Roll Filter, Add	22,494.54	
For Electric Heating Coil, Add	5,759.48	
For 2 Coils, Independent Circuits, Add	5,759.48	
For Economizer, Panel, Controls And Damper(s), Add	3,578.45	
For Flat Filter Box And Throwaway Filters, Add	4,436.49	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0072	EA		15,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	55,436.58	7,905.47
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	12,164.32	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	25,405.65	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	9,618.47	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	25,405.65	
			<i>For Automatic Roll Filter, Add</i>	25,405.65	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	5,543.66	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	20,991.87	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	20,991.87	
			<i>For Manual Roll Filter, Add</i>	25,405.65	
			<i>For Electric Heating Coil, Add</i>	6,426.41	
			<i>For 2 Coils, Independent Circuits, Add</i>	6,426.41	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	4,978.72	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,712.30	
23 73 13 00-0073	EA		16,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	63,623.37	8,203.64
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	14,148.89	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	29,721.98	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	11,201.98	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	29,721.98	
			<i>For Automatic Roll Filter, Add</i>	29,721.98	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	6,362.34	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	24,530.95	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	24,530.95	
			<i>For Manual Roll Filter, Add</i>	29,721.98	
			<i>For Electric Heating Coil, Add</i>	7,400.54	
			<i>For 2 Coils, Independent Circuits, Add</i>	7,400.54	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	5,776.68	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,784.78	
23 73 13 00-0074	EA		17,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	71,816.01	8,498.86
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	16,134.03	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	34,038.90	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	12,785.90	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	34,038.90	
			<i>For Automatic Roll Filter, Add</i>	34,038.90	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	7,181.60	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	28,070.61	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	28,070.61	
			<i>For Manual Roll Filter, Add</i>	34,038.90	
			<i>For Electric Heating Coil, Add</i>	8,375.26	
			<i>For 2 Coils, Independent Circuits, Add</i>	8,375.26	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	6,574.94	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,858.30	
23 73 13 00-0075	EA		20,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	80,597.26	9,214.55
			<i>For Automatic Roll Filter, Add</i>	35,034.45	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	14,803.41	
			<i>For Electric Heating Coil, Add</i>	9,408.46	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	35,034.45	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	28,290.77	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	7,401.70	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	28,290.77	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	8,059.73	
			<i>For Manual Roll Filter, Add</i>	28,290.77	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	11,036.75	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	35,034.45	
			<i>For 2 Coils, Independent Circuits, Add</i>	9,408.46	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	18,175.25	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,038.08	
23 73 13 00-0076	EA		22,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	86,928.48	10,019.70
			<i>For Automatic Roll Filter, Add</i>	37,770.08	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	15,962.16	
			<i>For Electric Heating Coil, Add</i>	10,146.71	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	3,900.31	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	37,770.08	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	30,500.77	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	7,981.08	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	30,500.77	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	8,692.85	
			<i>For Manual Roll Filter, Add</i>	30,500.77	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	11,900.44	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	37,770.08	
			<i>For 2 Coils, Independent Circuits, Add</i>	10,146.71	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	19,596.81	
23 73 13 00-0077	EA		25,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	103,586.37	10,824.48
			<i>For Automatic Roll Filter, Add</i>	45,609.19	
			<i>For Steam Heating Coil, Aluminum Fins, Add</i>	19,171.28	
			<i>For Electric Heating Coil, Add</i>	12,121.16	
			<i>For Economizer, Panel, Controls And Damper(s), Add</i>	4,084.00	
			<i>For Chilled Water Cooling Coil, Copper Fins, Add</i>	45,609.19	
			<i>For Chilled Water Cooling Coil, Aluminum Fins, Add</i>	36,796.55	
			<i>For Flat Filter Box And Throwaway Filters, Add</i>	9,585.64	
			<i>For Direct Expansion Cooling Coil, Aluminum Fins, Add</i>	36,796.55	
			<i>For Hot Water Heating Coil, Aluminum Fins, Add</i>	10,358.64	
			<i>For Manual Roll Filter, Add</i>	36,796.55	
			<i>For Medium Capacity Filter Box And Throwaway Filters, Add</i>	14,301.16	
			<i>For Direct Expansion Cooling Coil, Copper Fins, Add</i>	45,609.19	
			<i>For 2 Coils, Independent Circuits, Add</i>	12,121.16	
			<i>For Combination Filter Mixing Box And Throwaway Filters, Add</i>	23,577.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0078 EA 27,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	117,034.79	11,719.48
For Automatic Roll Filter, Add	51,830.06	
For Steam Heating Coil, Aluminum Fins, Add	21,735.12	
For Electric Heating Coil, Add	13,709.81	
For Economizer, Panel, Controls And Damper(s), Add	4,272.75	
For Chilled Water Cooling Coil, Copper Fins, Add	51,830.06	
For Chilled Water Cooling Coil, Aluminum Fins, Add	41,798.41	
For Flat Filter Box And Throwaway Filters, Add	10,867.56	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	41,798.41	
For Hot Water Heating Coil, Aluminum Fins, Add	11,703.48	
For Manual Roll Filter, Add	41,798.41	
For Medium Capacity Filter Box And Throwaway Filters, Add	16,217.75	
For Direct Expansion Cooling Coil, Copper Fins, Add	51,830.06	
For 2 Coils, Independent Circuits, Add	13,709.81	
For Combination Filter Mixing Box And Throwaway Filters, Add	26,750.95	
23 73 13 00-0079 EA 30,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	126,844.52	12,614.47
For Automatic Roll Filter, Add	56,210.83	
For Steam Heating Coil, Aluminum Fins, Add	23,566.05	
For Electric Heating Coil, Add	14,860.77	
For Economizer, Panel, Controls And Damper(s), Add	4,469.29	
For Chilled Water Cooling Coil, Copper Fins, Add	56,210.83	
For Chilled Water Cooling Coil, Aluminum Fins, Add	45,329.24	
For Flat Filter Box And Throwaway Filters, Add	11,783.02	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	45,329.24	
For Hot Water Heating Coil, Aluminum Fins, Add	12,684.45	
For Manual Roll Filter, Add	45,329.24	
For Medium Capacity Filter Box And Throwaway Filters, Add	17,584.39	
For Direct Expansion Cooling Coil, Copper Fins, Add	56,210.83	
For 2 Coils, Independent Circuits, Add	14,860.77	
For Combination Filter Mixing Box And Throwaway Filters, Add	29,006.84	
23 73 13 00-0080 EA 32,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	141,848.66	14,760.80
For Automatic Roll Filter, Add	62,497.81	
For Steam Heating Coil, Aluminum Fins, Add	26,263.10	
For Electric Heating Coil, Add	16,600.51	
For Chilled Water Cooling Coil, Copper Fins, Add	62,497.81	
For Chilled Water Cooling Coil, Aluminum Fins, Add	50,419.57	
For Economizer, Panel, Controls And Damper(s), Add	4,463.29	
For Flat Filter Box And Throwaway Filters, Add	13,131.55	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	50,419.57	
For Hot Water Heating Coil, Aluminum Fins, Add	14,184.87	
For Manual Roll Filter, Add	50,419.57	
For Medium Capacity Filter Box And Throwaway Filters, Add	19,591.99	
For Direct Expansion Cooling Coil, Copper Fins, Add	62,497.81	
For 2 Coils, Independent Circuits, Add	16,600.51	
For Combination Filter Mixing Box And Throwaway Filters, Add	32,302.22	
23 73 13 00-0081 EA 35,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	142,636.56	15,297.94
For Automatic Roll Filter, Add	62,576.60	
For Steam Heating Coil, Aluminum Fins, Add	26,341.89	
For Electric Heating Coil, Add	16,679.30	
For Chilled Water Cooling Coil, Copper Fins, Add	62,576.60	
For Chilled Water Cooling Coil, Aluminum Fins, Add	50,498.36	
For Economizer, Panel, Controls And Damper(s), Add	4,561.78	
For Flat Filter Box And Throwaway Filters, Add	13,170.95	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	50,498.36	
For Hot Water Heating Coil, Aluminum Fins, Add	14,263.66	
For Manual Roll Filter, Add	50,498.36	
For Medium Capacity Filter Box And Throwaway Filters, Add	19,647.15	
For Direct Expansion Cooling Coil, Copper Fins, Add	62,576.60	
For 2 Coils, Independent Circuits, Add	16,679.30	
For Combination Filter Mixing Box And Throwaway Filters, Add	32,381.01	
23 73 13 00-0082 EA 37,500 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	149,165.35	15,834.20
For Automatic Roll Filter, Add	65,525.83	
For Steam Heating Coil, Aluminum Fins, Add	27,568.86	
For Electric Heating Coil, Add	17,447.00	
For Chilled Water Cooling Coil, Copper Fins, Add	65,525.83	
For Chilled Water Cooling Coil, Aluminum Fins, Add	52,873.51	
For Economizer, Panel, Controls And Damper(s), Add	4,660.26	
For Flat Filter Box And Throwaway Filters, Add	13,784.43	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	52,873.51	
For Hot Water Heating Coil, Aluminum Fins, Add	14,916.54	
For Manual Roll Filter, Add	52,873.51	
For Medium Capacity Filter Box And Throwaway Filters, Add	20,563.43	
For Direct Expansion Cooling Coil, Copper Fins, Add	65,525.83	
For 2 Coils, Independent Circuits, Add	17,447.00	
For Combination Filter Mixing Box And Throwaway Filters, Add	33,895.02	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 73 Indoor Central-Station Air-Handling Units**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0083 EA 40,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	156,120.29	16,997.72
For Automatic Roll Filter, Add	68,353.66	
For Steam Heating Coil, Aluminum Fins, Add	28,797.44	
For Electric Heating Coil, Add	18,249.11	
For Chilled Water Cooling Coil, Copper Fins, Add	68,353.66	
For Chilled Water Cooling Coil, Aluminum Fins, Add	55,168.25	
For Economizer, Panel, Controls And Damper(s), Add	4,863.28	
For Flat Filter Box And Throwaway Filters, Add	14,398.72	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	55,168.25	
For Hot Water Heating Coil, Aluminum Fins, Add	15,612.03	
For Manual Roll Filter, Add	55,168.25	
For Medium Capacity Filter Box And Throwaway Filters, Add	21,476.75	
For Direct Expansion Cooling Coil, Copper Fins, Add	68,353.66	
For 2 Coils, Independent Circuits, Add	18,249.11	
For Combination Filter Mixing Box And Throwaway Filters, Add	35,390.14	
23 73 13 00-0084 EA 45,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	168,186.77	17,892.33
For Automatic Roll Filter, Add	73,914.43	
For Steam Heating Coil, Aluminum Fins, Add	31,092.62	
For Electric Heating Coil, Add	19,673.46	
For Chilled Water Cooling Coil, Copper Fins, Add	73,914.43	
For Chilled Water Cooling Coil, Aluminum Fins, Add	59,640.49	
For Economizer, Panel, Controls And Damper(s), Add	5,010.92	
For Flat Filter Box And Throwaway Filters, Add	15,546.31	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	59,640.49	
For Hot Water Heating Coil, Aluminum Fins, Add	16,818.68	
For Manual Roll Filter, Add	59,640.49	
For Medium Capacity Filter Box And Throwaway Filters, Add	23,192.23	
For Direct Expansion Cooling Coil, Copper Fins, Add	73,914.43	
For 2 Coils, Independent Circuits, Add	19,673.46	
For Combination Filter Mixing Box And Throwaway Filters, Add	38,229.59	
23 73 13 00-0085 EA 50,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	180,774.38	18,876.41
For Automatic Roll Filter, Add	79,586.97	
For Economizer, Panel, Controls And Damper(s), Add	4,600.06	
For Steam Heating Coil, Aluminum Fins, Add	33,454.82	
For Electric Heating Coil, Add	21,152.91	
For Chilled Water Cooling Coil, Copper Fins, Add	79,586.97	
For Chilled Water Cooling Coil, Aluminum Fins, Add	64,209.59	
For Flat Filter Box And Throwaway Filters, Add	16,727.41	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	64,209.59	
For Hot Water Heating Coil, Aluminum Fins, Add	18,077.44	
For Manual Roll Filter, Add	64,209.59	
For Medium Capacity Filter Box And Throwaway Filters, Add	24,956.11	
For Direct Expansion Cooling Coil, Copper Fins, Add	79,586.97	
For 2 Coils, Independent Circuits, Add	21,152.91	
For Combination Filter Mixing Box And Throwaway Filters, Add	41,143.51	
23 73 13 00-0086 EA 55,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	194,688.24	20,039.42
For Automatic Roll Filter, Add	85,899.12	
For Economizer, Panel, Controls And Damper(s), Add	4,761.25	
For Steam Heating Coil, Aluminum Fins, Add	36,076.40	
For Electric Heating Coil, Add	22,790.34	
For Chilled Water Cooling Coil, Copper Fins, Add	85,899.12	
For Chilled Water Cooling Coil, Aluminum Fins, Add	69,291.54	
For Flat Filter Box And Throwaway Filters, Add	18,038.20	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	69,291.54	
For Hot Water Heating Coil, Aluminum Fins, Add	19,468.82	
For Manual Roll Filter, Add	69,291.54	
For Medium Capacity Filter Box And Throwaway Filters, Add	26,914.24	
For Direct Expansion Cooling Coil, Copper Fins, Add	85,899.12	
For 2 Coils, Independent Circuits, Add	22,790.34	
For Combination Filter Mixing Box And Throwaway Filters, Add	44,380.18	
23 73 13 00-0087 EA 60,000 CFM Multizone Air Handling Unit, Built-Up, Horizontal / Vertical, Draw-Through Fan	208,726.57	20,576.18
For Automatic Roll Filter, Add	92,626.32	
For Economizer, Panel, Controls And Damper(s), Add	4,834.24	
For Steam Heating Coil, Aluminum Fins, Add	38,811.07	
For Electric Heating Coil, Add	24,460.34	
For Chilled Water Cooling Coil, Copper Fins, Add	92,626.32	
For Chilled Water Cooling Coil, Aluminum Fins, Add	74,687.91	
For Flat Filter Box And Throwaway Filters, Add	19,405.54	
For Direct Expansion Cooling Coil, Aluminum Fins, Add	74,687.91	
For Hot Water Heating Coil, Aluminum Fins, Add	20,872.66	
For Manual Roll Filter, Add	74,687.91	
For Medium Capacity Filter Box And Throwaway Filters, Add	28,961.59	
For Direct Expansion Cooling Coil, Copper Fins, Add	92,626.32	
For 2 Coils, Independent Circuits, Add	24,460.34	
For Combination Filter Mixing Box And Throwaway Filters, Add	47,780.28	
23 73 13 00-0088 Return/Supply Air Fan ^(23 73 13)		
Note: Includes vibration mounts.		
23 73 13 00-0089 EA 300 CFM Return Air Fan.....	3,502.49	715.57
23 73 13 00-0090 EA 500 CFM Return Air Fan.....	4,531.28	858.71
23 73 13 00-0091 EA 750 CFM Return Air Fan.....	4,732.70	894.49
23 73 13 00-0092 EA 1,000 CFM Return Air Fan.....	5,391.09	948.16
23 73 13 00-0093 EA 1,250 CFM Return Air Fan.....	5,557.60	992.90
23 73 13 00-0094 EA 1,500 CFM Return Air Fan.....	5,689.77	1,037.63
23 73 13 00-0095 EA 1,750 CFM Return Air Fan.....	5,971.86	1,091.30
23 73 13 00-0096 EA 2,000 CFM Return Air Fan.....	6,630.22	1,144.98
23 73 13 00-0097 EA 2,250 CFM Return Air Fan.....	6,946.40	1,198.66

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 73 13 00-0098 EA 2,500 CFM Return Air Fan.....	7,125.75	1,252.33
23 73 13 00-0099 EA 3,000 CFM Return Air Fan.....	7,556.55	1,386.52
23 73 13 00-0100 EA 3,500 CFM Return Air Fan.....	7,761.68	1,458.10
23 73 13 00-0101 EA 4,000 CFM Return Air Fan.....	7,953.72	1,520.72
23 73 13 00-0102 EA 4,500 CFM Return Air Fan.....	8,193.03	1,592.42
23 73 13 00-0103 EA 5,000 CFM Return Air Fan.....	8,410.54	1,672.93
23 73 13 00-0104 EA 5,500 CFM Return Air Fan.....	8,828.32	1,869.75
23 73 13 00-0105 EA 6,000 CFM Return Air Fan.....	10,045.09	2,218.65
23 73 13 00-0106 EA 6,500 CFM Return Air Fan.....	10,302.26	2,254.43
23 73 13 00-0107 EA 7,000 CFM Return Air Fan.....	10,417.10	2,263.38
23 73 13 00-0108 EA 8,000 CFM Return Air Fan.....	10,947.97	2,299.16
23 73 13 00-0109 EA 9,000 CFM Return Air Fan.....	11,187.36	2,326.00
23 73 13 00-0110 EA 10,000 CFM Return Air Fan.....	11,764.29	2,415.84
23 73 13 00-0111 EA 12,500 CFM Return Air Fan.....	12,510.13	2,460.06
23 73 13 00-0112 EA 15,000 CFM Return Air Fan.....	14,082.95	2,529.98
23 73 13 00-0113 EA 17,500 CFM Return Air Fan.....	15,337.36	2,665.83
23 73 13 00-0114 EA 20,000 CFM Return Air Fan.....	18,171.46	2,781.87
23 73 13 00-0115 EA 22,500 CFM Return Air Fan.....	19,037.29	2,878.88
23 73 13 00-0116 EA 25,000 CFM Return Air Fan.....	19,892.08	2,961.18
23 73 13 00-0117 EA 27,500 CFM Return Air Fan.....	21,105.57	3,256.41
23 73 13 00-0118 EA 30,000 CFM Return Air Fan.....	22,557.30	3,435.07
23 73 13 00-0119 EA 35,000 CFM Return Air Fan.....	25,397.37	3,578.09
23 73 13 00-0120 EA 40,000 CFM Return Air Fan.....	29,877.25	3,935.92
23 73 13 00-0121 EA 45,000 CFM Return Air Fan.....	36,698.30	4,472.70
23 73 13 00-0122 EA 50,000 CFM Return Air Fan.....	44,524.20	4,634.11
23 73 13 00-0123 EA 55,000 CFM Return Air Fan.....	46,590.81	4,767.92
23 73 13 00-0124 EA 60,000 CFM Return Air Fan.....	47,666.45	4,893.17
23 73 13 00-0125 EA 65,000 CFM Return Air Fan.....	49,984.01	5,107.75
23 73 13 00-0126 EA 70,000 CFM Return Air Fan.....	52,499.36	5,359.26
23 73 13 00-0127 EA 75,000 CFM Return Air Fan.....	56,442.03	5,622.16
23 73 13 00-0128 EA 80,000 CFM Return Air Fan.....	58,954.56	5,920.19
23 73 13 00-0129 EA 90,000 CFM Return Air Fan.....	60,898.99	6,257.33
23 73 13 00-0130 EA 100,000 CFM Return Air Fan.....	65,446.61	6,543.74
23 73 13 00-0131 EA 115,000 CFM Return Air Fan.....	70,375.43	6,856.73
23 73 13 00-0132 EA 130,000 CFM Return Air Fan.....	75,725.56	7,202.17
23 73 13 00-0133 EA 150,000 CFM Return Air Fan.....	82,804.08	7,585.84

23 73 13 00-0134 Removal And Reinstallation Of Air Handling Unit (23 73 13)

Note: Air handling units with filter and coils. Includes storage and cleaning. Excludes ductwork.

23 73 13 00-0135 EA Removal And Reinstallation Of Up To 11,500 CFM Air Handling Unit.....	3,276.99	
23 73 13 00-0136 EA Removal And Reinstallation Of >11,500 To 16,500 CFM Air Handling Unit.....	4,445.30	
23 73 13 00-0137 EA Removal And Reinstallation Of >16,500 To 22,000 CFM Air Handling Unit.....	5,529.91	
23 73 13 00-0138 EA Removal And Reinstallation Of >22,000 CFM Air Handling Unit.....	10,089.67	

23 74 Packaged Outdoor HVAC Equipment (23 70)

23 74 16 Packaged Rooftop Air-Conditioning Units (23 74)

23 74 16 13 Packaged, Large-Capacity, Rooftop Air-Conditioning Units (23 74 16)

23 74 16 13-0001 Electric Cooling, Electric Heat, Self Contained Packaged Rooftop Air-Conditioning Units (23 74 16 13)

Note: Electric heating capacity is approximately 1/2 the cooling capacity. Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0002 EA 2 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	4,890.98	1,653.67
For Unit Without Heat, Deduct	-354.79	
For Unit Without Factory Installed Economizer, Deduct	-1,078.54	
For Unit Without Roof Curb, Deduct	-715.62	
23 74 16 13-0003 EA 3 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	6,333.70	1,728.84
For Unit Without Heat, Deduct	-431.94	
For Unit Without Factory Installed Economizer, Deduct	-1,078.54	
For Unit Without Roof Curb, Deduct	-715.62	
23 74 16 13-0004 EA 4 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	7,392.98	1,804.01
For Unit Without Heat, Deduct	-489.92	
For Unit Without Factory Installed Economizer, Deduct	-1,078.54	
For Unit Without Roof Curb, Deduct	-715.62	
23 74 16 13-0005 EA 5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	8,790.24	1,916.76
For Unit Without Heat, Deduct	-567.30	
For Unit Without Factory Installed Economizer, Deduct	-1,078.54	
For Unit Without Roof Curb, Deduct	-715.62	
23 74 16 13-0006 EA 6 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	9,572.27	2,029.51
For Unit Without Heat, Deduct	-613.91	
For Unit Without Factory Installed Economizer, Deduct	-1,078.54	
For Unit Without Roof Curb, Deduct	-715.62	
23 74 16 13-0007 EA 7.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit.....	10,720.25	2,179.85
For Unit Without Heat, Deduct	-681.34	
For Unit Without Factory Installed Economizer, Deduct	-1,100.83	
For Unit Without Roof Curb, Deduct	-858.75	

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 74 Packaged Outdoor HVAC Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0008	EA		8.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	11,502.29	2,292.60
			<i>For Unit Without Heat, Deduct</i>	-727.95	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,100.83	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0009	EA		10 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	12,650.27	2,442.93
			<i>For Unit Without Heat, Deduct</i>	-795.38	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,125.78	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0010	EA		12.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	15,302.80	2,639.87
			<i>For Unit Without Heat, Deduct</i>	-941.16	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,215.82	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0011	EA		15 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	17,955.36	2,837.56
			<i>For Unit Without Heat, Deduct</i>	-1,086.94	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0012	EA		17.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	20,525.50	3,034.74
			<i>For Unit Without Heat, Deduct</i>	-1,228.60	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0013	EA		20 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	23,095.64	3,232.19
			<i>For Unit Without Heat, Deduct</i>	-1,370.26	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0014	EA		22.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	25,896.11	3,560.92
			<i>For Unit Without Heat, Deduct</i>	-1,532.21	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0015	EA		25 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	28,696.57	3,889.90
			<i>For Unit Without Heat, Deduct</i>	-1,694.16	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0016	EA		27.5 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	31,602.07	4,256.47
			<i>For Unit Without Heat, Deduct</i>	-1,863.86	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,296.18	
23 74 16 13-0017	EA		30 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	34,507.58	4,622.78
			<i>For Unit Without Heat, Deduct</i>	-2,033.56	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,296.18	
23 74 16 13-0018	EA		35 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	40,203.92	5,393.24
			<i>For Unit Without Heat, Deduct</i>	-2,369.75	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,296.18	
23 74 16 13-0019	EA		40 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	45,900.25	6,163.70
			<i>For Unit Without Heat, Deduct</i>	-2,705.93	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,978.10	
23 74 16 13-0020	EA		45 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	50,468.11	6,952.96
			<i>For Unit Without Heat, Deduct</i>	-2,986.94	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,978.10	
23 74 16 13-0021	EA		50 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	55,035.97	7,742.22
			<i>For Unit Without Heat, Deduct</i>	-3,267.95	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-1,978.10	
23 74 16 13-0022	EA		55 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	60,597.39	8,493.88
			<i>For Unit Without Heat, Deduct</i>	-3,596.13	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,462.85	
23 74 16 13-0023	EA		60 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	66,158.81	9,245.56
			<i>For Unit Without Heat, Deduct</i>	-3,924.31	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,462.85	
23 74 16 13-0024	EA		65 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	71,555.43	9,997.22
			<i>For Unit Without Heat, Deduct</i>	-4,244.25	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,568.41	
23 74 16 13-0025	EA		70 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	76,952.06	10,748.91
			<i>For Unit Without Heat, Deduct</i>	-4,564.20	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,568.41	
23 74 16 13-0026	EA		75 Ton Electric Cooling, Electric Heat, Self Contained Package Rooftop Unit	82,448.91	11,575.74
			<i>For Unit Without Heat, Deduct</i>	-4,894.16	
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
			<i>For Unit Without Roof Curb, Deduct</i>	-2,860.49	
23 74 16 13-0027			Electric Cooling, Gas Heat, Self Contained Packaged Rooftop Air-Conditioning Units <small>(23 74 16 13)</small>		
			Note: Units < 5 tons have 14 SEER, units 5 to < 20 tons have 11 EER, and units 20 tons and over have 10 EER. Includes roof curb and economizer. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment, 26 28 16 16-0001 for Disconnects.		
23 74 16 13-0028	EA		2 Ton Electric Cooling, 50 MBH Gas Heating, Self Contained Package Rooftop Unit	4,811.75	1,503.34
			<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.54	
			<i>For Unit Without Roof Curb, Deduct</i>	-715.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0029 EA 3 Ton Electric Cooling, 60 To 80 MBH Gas Heating, Self Contained Package Rooftop Unit.....	5,485.27	1,728.84
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.54	
<i>For Unit Without Roof Curb, Deduct</i>	-715.62	
23 74 16 13-0030 EA 4 Ton Electric Cooling, 80 To 110 MBH Gas Heating, Self Contained Package Rooftop Unit.....	6,768.16	1,991.93
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.54	
<i>For Unit Without Roof Curb, Deduct</i>	-715.62	
23 74 16 13-0031 EA 5 Ton Electric Cooling, 100 To 120 MBH Gas Heating, Self Contained Package Rooftop Unit.....	7,763.63	2,142.26
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.54	
<i>For Unit Without Roof Curb, Deduct</i>	-715.62	
23 74 16 13-0032 EA 6 Ton Electric Cooling, 140 MBH Gas Heating, Self Contained Package Rooftop Unit.....	8,701.94	2,311.39
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,078.54	
<i>For Unit Without Roof Curb, Deduct</i>	-715.62	
23 74 16 13-0033 EA 7.5 Ton Electric Cooling, 150 To 180 MBH Gas Heating, Self Contained Package Rooftop Unit.....	9,510.23	2,424.14
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,100.83	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0034 EA 8.5 Ton Electric Cooling, 170 To 190 MBH Gas Heating, Self Contained Package Rooftop Unit.....	11,378.26	2,010.72
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,100.83	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0035 EA 10 Ton Electric Cooling, 200 To 240 MBH Gas Heating, Self Contained Package Rooftop Unit.....	14,217.62	2,706.02
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,125.78	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0036 EA 12.5 Ton Electric Cooling, 250 MBH Gas Heating, Self Contained Package Rooftop Unit.....	15,532.65	2,931.52
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-1,215.82	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0037 EA 15 Ton Electric Cooling, 300 MBH Gas Heating, Self Contained Package Rooftop Unit.....	18,794.14	3,157.02
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0038 EA 17.5 Ton Electric Cooling, 330 MBH Gas Heating, Self Contained Package Rooftop Unit.....	19,862.43	3,382.52
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0039 EA 20 Ton Electric Cooling, 350 MBH Gas Heating, Self Contained Package Rooftop Unit.....	30,471.14	3,608.02
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0040 EA 22.5 Ton Electric Cooling, 380 MBH Gas Heating, Self Contained Package Rooftop Unit.....	37,222.87	3,983.86
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0041 EA 25 Ton Electric Cooling, 400 MBH Gas Heating, Self Contained Package Rooftop Unit.....	43,974.60	4,309.58
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-858.75	
23 74 16 13-0042 EA 27.5 Ton Electric Cooling, 450 MBH Gas Heating, Self Contained Package Rooftop Unit.....	45,298.17	4,735.53
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-1,296.18	
23 74 16 13-0043 EA 30 Ton Electric Cooling, 500 MBH Gas Heating, Self Contained Package Rooftop Unit.....	48,612.06	5,111.37
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-1,296.18	
23 74 16 13-0044 EA 35 Ton Electric Cooling, 550 MBH Gas Heating, Self Contained Package Rooftop Unit.....	52,215.53	5,975.79
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-1,296.18	
23 74 16 13-0045 EA 40 Ton Electric Cooling, 600 MBH Gas Heating, Self Contained Package Rooftop Unit.....	57,809.32	6,840.21
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-1,978.10	
23 74 16 13-0046 EA 45 Ton Electric Cooling, 650 MBH Gas Heating, Self Contained Package Rooftop Unit.....	62,306.51	7,704.63
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-1,978.10	
23 74 16 13-0047 EA 50 Ton Electric Cooling, 750 MBH Gas Heating, Self Contained Package Rooftop Unit.....	66,803.70	8,569.05
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-1,978.10	
23 74 16 13-0048 EA 55 Ton Electric Cooling, 800 MBH Gas Heating, Self Contained Package Rooftop Unit.....	73,165.11	9,433.47
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,462.85	
23 74 16 13-0049 EA 60 Ton Electric Cooling, 850 MBH Gas Heating, Self Contained Package Rooftop Unit.....	79,526.53	10,297.90
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,462.85	
23 74 16 13-0050 EA 65 Ton Electric Cooling, 900 MBH Gas Heating, Self Contained Package Rooftop Unit.....	85,174.58	10,730.10
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,568.41	
23 74 16 13-0051 EA 70 Ton Electric Cooling, 950 MBH Gas Heating, Self Contained Package Rooftop Unit.....	90,797.59	11,143.52
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,568.41	
23 74 16 13-0052 EA 75 Ton Electric Cooling, 1,000 MBH Gas Heating, Self Contained Package Rooftop Unit.....	96,445.63	11,575.74
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,860.49	
23 74 16 13-0053 EA 80 Ton Electric Cooling, 1,100 MBH Gas Heating, Self Contained Package Rooftop Unit.....	102,118.76	12,026.74
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,860.49	
23 74 16 13-0054 EA 90 Ton Electric Cooling, 1,200 MBH Gas Heating, Self Contained Package Rooftop Unit.....	138,919.59	14,131.42
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,860.49	
23 74 16 13-0055 EA 100 Ton Electric Cooling, 1,350 MBH Gas Heating, Self Contained Package Rooftop Unit.....	160,026.03	17,213.28
<i>For Unit Without Factory Installed Economizer, Deduct</i>	-2,298.29	
<i>For Unit Without Roof Curb, Deduct</i>	-2,860.49	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 74 16 13-0056	AAON Rooftop Units <small>(23 74 16 13)</small> Note: Units < 5 tons have 14 SEER minimum, units 5 to < 20 tons have 11 EER minimum, and units 20 tons and over have 10 EER minimum, Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment, 07 72 13 00-0000 for roof curbs, 23 09 23 00-0000 for controls, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0057	AAON RQ Rooftop Units <small>(23 74 16 13-0056)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD (or ECM motor), single stage on/off scroll compressor, terminal strip for field supplied thermostat, gas heat, manually adjustable OSA damper, microchannel condenser coils. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.		
23 74 16 13-0058	EA 2 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-002) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	14,117.47 1,533.79 1,664.07 1,310.11 1,499.38 7,644.38 1,784.51	1,503.34
23 74 16 13-0059	EA 3 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-003) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	15,376.77 1,644.40 1,784.51 1,403.52 1,607.53 7,644.38 1,784.51	1,728.84
23 74 16 13-0060	EA 4 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-004) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	15,946.32 1,644.40 1,784.51 1,403.52 1,607.53 7,644.38 1,784.51	1,991.93
23 74 16 13-0061	EA 5 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-005) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	16,340.94 1,644.40 1,784.51 1,403.52 1,607.53 7,644.38 1,784.51	2,142.26
23 74 16 13-0062	EA 6 Ton, Air Cooled Packaged Rooftop Units (AAON RQ-006) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	17,881.48 1,644.40 1,784.51 1,403.52 1,607.53 7,644.38 1,784.51	2,612.11
23 74 16 13-0063	AAON RNA Rooftop Units <small>(23 74 16 13-0056)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, single stage on/off compressor, terminal strip for field provided thermostat, gas heat, manually adjustable OSA damper. Excludes economizer, controls, disconnect, roof curb, items not specifically mentioned above. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.		
23 74 16 13-0064	EA 6 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-006) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	21,718.42 1,600.16 2,458.00 1,639.49 1,514.13 4,082.74 1,391.23	2,311.44
23 74 16 13-0065	EA 7 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-007) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	23,193.61 1,600.16 2,458.00 1,639.49 1,514.13 4,082.74 1,391.23	2,424.19
23 74 16 13-0066	EA 8 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-008) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	26,659.22 1,600.16 2,458.00 1,639.49 1,514.13 4,082.74 1,391.23	2,612.11
23 74 16 13-0067	EA 10 Ton, Air Cooled Packaged Rooftop Units (AAON RNA-010) <i>For Factory Installed And Wired Dry Bulb Economizer, Add</i> <i>For Single Zone VAV Controls, Includes Modulating Compressor And Supply Fan, Add</i> <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Factory Installed Exhaust Fan, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	26,914.78 1,600.16 2,458.00 1,639.49 1,514.13 4,082.74 1,391.23	2,706.02

23 Heating, Ventilating, and Air-Conditioning (HVAC)

23 70 Central HVAC Equipment

23 74 Packaged Outdoor HVAC Equipment



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0083	EA		50 Ton, Air Cooled Packaged Rooftop Units (AAON RND-050)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	138,157.42 3,072.50 3,328.13 4,670.20	8,569.05
23 74 16 13-0084	EA		60 Ton, Air Cooled Packaged Rooftop Units (AAON RND-060)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	151,609.58 3,072.50 3,328.13 4,670.20	10,297.90
23 74 16 13-0085	EA		70 Ton, Air Cooled Packaged Rooftop Units (AAON RND-070)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	159,489.22 3,072.50 3,328.13 4,670.20	11,143.58
23 74 16 13-0086			AAON RNE Rooftop Units <small>(23 74 16 13-0056)</small> Note: Includes 2" double wall foam panel construction, direct drive fan with VFD, (1 or 2) variable speed VFD controlled scroll compressor and (1 or 2) on/off compressor, VAV unit controller (varies fan speed and compressor capacity for energy savings year round), cooling only - no heat, factory installed economizer with powered exhaust fans with VFD's, (building static pressure control), Microchannel condenser coils with VFD controlled condenser fans, factory installed non-fused disconnect and factory start up. Excludes roof curb, items not specifically mentioned above. Excludes crane and associated personnel.		
23 74 16 13-0087	EA		55 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-055)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	147,418.92 3,470.70 4,984.82 6,636.60	9,433.47
23 74 16 13-0088	EA		65 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-065)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	162,334.93 3,470.70 4,984.82 6,636.60	10,730.15
23 74 16 13-0089	EA		75 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-075)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	172,579.17 3,470.70 4,984.82 6,636.60	11,575.74
23 74 16 13-0090	EA		95 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-090)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	208,604.09 3,470.70 4,984.82 6,636.60	15,672.35
23 74 16 13-0091	EA		105 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-105)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	225,809.69 3,470.70 4,984.82 6,636.60	17,889.78
23 74 16 13-0092	EA		120 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-120)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	263,497.16 3,470.70 4,984.82 6,636.60	19,693.78
23 74 16 13-0093	EA		130 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-130)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	269,837.29 3,470.70 4,984.82 6,636.60	20,896.46
23 74 16 13-0094	EA		140 Ton, Air Cooled Packaged Rooftop Units (AAON RNE-140)..... <i>For Factory Authorized Start Up, 4 Hour, One Trip, Add</i> <i>For Factory Installed Non-Fused Disconnect, Add</i> <i>For Hot Water Coil In Lieu Of Gas Heat, Add</i>	282,580.89 3,470.70 4,984.82 6,636.60	23,376.98
23 74 16 13-0095			Heat Pump, Packaged Rooftop Heat Pump Units <small>(23 74 16 13)</small> See CSI section 01 22 23 00-0883 for crane lifting equipment, 26 28 16 16-0001 for disconnects.		
23 74 16 13-0096			Packaged Rooftop Heat Pump Units <small>(23 74 16 13-0095)</small> Note: Includes evaporator and condenser coils, electric heat, thermostatic expansion valve, compressor, evaporator and condenser fans, refrigerant charge, filter section with filter, operation and safety controls, motors, condensate drain pan, condenser coil guards, manual outside air damper, and roof curb. Excludes crane and associated personnel.		
23 74 16 13-0097	EA		2 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,251.96 222.40 1,836.07 -715.62	1,353.01
23 74 16 13-0098	EA		2.5 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,582.77 232.17 1,944.78 -715.62	1,454.53
23 74 16 13-0099	EA		3 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,962.48 244.39 2,063.76 -715.62	1,555.96
23 74 16 13-0100	EA		3.5 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,471.45 261.95 2,006.86 -715.62	1,674.33
23 74 16 13-0101	EA		4 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,980.64 279.52 2,145.51 -715.62	1,792.78
23 74 16 13-0102	EA		5 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	8,553.67 2,302.46 239.32 -715.62	1,928.09

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 74 16 13-0103 EA 6 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	9,623.41 205.49 2,551.29 -715.62	2,080.23
23 74 16 13-0104 EA 7.5 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	12,375.07 283.98 2,590.42 -858.75	2,181.75
23 74 16 13-0105 EA 8.5 Ton Packaged Rooftop Heat Pump <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Economizer With Outside Air Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	13,841.80 321.22 2,745.04 -858.75	2,350.83
23 74 16 13-0106 EA 10 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	14,882.59 2,787.15 232.71 -858.75	2,435.42
23 74 16 13-0107 EA 12.5 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	17,264.93 3,133.63 274.94 -858.75	2,638.36
23 74 16 13-0108 EA 15 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	19,647.24 3,480.09 317.18 -858.75	2,841.31
23 74 16 13-0109 EA 17.5 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	22,004.54 3,824.07 358.91 -858.75	3,044.27
23 74 16 13-0110 EA 20 Ton Packaged Rooftop Heat Pump <i>For Economizer With Outside Air Control, Add</i> <i>For Upgrade Of Economizer To OS Air Enthalpy Control, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	24,361.82 4,168.03 400.64 -858.75	3,247.22

23 74 16 13-0111 Heating Only Packaged Rooftop Units (23 74 16 13-0095)

Note: Includes throwaway filters, filter rack, manual outside air damper, roof curbs and electric heat. Units are shipped fully factory assembled in one piece, prewired and include start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment, 26 28 16 16-0001 for disconnects.

23 74 16 13-0112 EA 24 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	6,498.26 418.80 -715.62	1,353.01
23 74 16 13-0113 EA 32 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	7,636.60 493.07 -715.62	1,555.96
23 74 16 13-0114 EA 45 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	10,470.12 685.10 -715.62	1,792.78
23 74 16 13-0115 EA 60 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	11,816.97 775.77 -715.62	1,928.09
23 74 16 13-0116 EA 95 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	13,890.67 914.17 -858.75	2,181.75
23 74 16 13-0117 EA 112 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	15,652.47 1,032.98 -858.75	2,350.83
23 74 16 13-0118 EA 140 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	18,541.94 1,232.99 -858.75	2,435.42
23 74 16 13-0119 EA 170 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	24,101.72 1,611.35 -858.75	2,841.31
23 74 16 13-0120 EA 200 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	31,868.91 2,149.64 -858.75	3,044.27
23 74 16 13-0121 EA 230 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	37,217.82 2,518.66 -858.75	3,247.22
23 74 16 13-0122 EA 270 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	48,428.62 3,294.39 -858.75	3,585.47
23 74 16 13-0123 EA 330 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	60,576.92 4,126.73 -1,296.18	4,562.64
23 74 16 13-0124 EA 360 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	74,570.12 5,097.24 -1,296.18	4,600.23
23 74 16 13-0125 EA 450 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	90,842.40 6,215.55 -1,296.18	5,378.26
23 74 16 13-0126 EA 540 MBH Electric Heating Only, Self Contained Package Rooftop Unit <i>For Gas Heat, Add</i> <i>For Unit Without Roof Curb, Deduct</i>	117,824.98 8,062.84 -1,978.10	6,934.22

23 74 23 Packaged, Outdoor, Heating-Only Makeup-Air Units (23 74)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 70 Central HVAC Equipment****23 74 Packaged Outdoor HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
23 74 23 13 Packaged, Direct-Fired, Outdoor, Heating-Only Make-up-Air Units (23 74 23)**23 74 23 13-0001 Make-Up Air Units (23 74 23 13)**

Note: Units are shipped fully factory assembled in one piece, prewired, prepiped, charged with refrigerant. Includes throwaway filters and start-up. Excludes crane and associated personnel. See CSI section 01 22 23 00-0883 for crane lifting equipment.

23 74 23 13-0002 Gas-Fired Electric Spark Make-Up Air Units (23 74 23 13-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0884 for crane lifting equipment.

23 74 23 13-0003	EA	100,000 BTU 1/2 HP, 1,200 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	7,631.37	451.01
		<i>For Equipment Base Roof Curb, Add</i>	931.37	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,063.91	
23 74 23 13-0004	EA	300,000 BTU 1-1/2 HP, 3,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	9,885.77	511.14
		<i>For Equipment Base Roof Curb, Add</i>	1,209.91	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	2,707.66	
23 74 23 13-0005	EA	500,000 BTU 2 HP, 4,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	13,794.35	601.33
		<i>For Equipment Base Roof Curb, Add</i>	1,694.23	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,837.64	
23 74 23 13-0006	EA	670,000 BTU 3 HP, 6,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	13,894.87	641.43
		<i>For Equipment Base Roof Curb, Add</i>	1,704.54	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	3,845.24	
23 74 23 13-0007	EA	800,000 BTU 5 HP, 7,500 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	19,042.15	721.60
		<i>For Equipment Base Roof Curb, Add</i>	2,344.19	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	5,351.84	
23 74 23 13-0008	EA	1,200,000 BTU 10 HP, 10,000 CFM, Make-up Air Unit, Gas Fired, Electric Spark.....	28,936.61	902.01
		<i>For Equipment Base Roof Curb, Add</i>	3,571.98	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	8,229.98	

23 74 23 13-0009 Electric Make-Up Air Units (23 74 23 13-0001)

Note: With 2-position damper curb filter and thermostat with capillary. Excludes crane and associated personnel. See CSI section 01 22 23 00-0884 for crane lifting equipment.

23 74 23 13-0010	EA	33 KW, 1/2 HP, 1,200 CFM Make-up Air Unit, Electric.....	15,917.51	451.01
		<i>For Equipment Base Roof Curb, Add</i>	1,967.14	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	4,549.75	
23 74 23 13-0011	EA	100 KW, 1-1/2 HP, 3,500 CFM Make-up Air Unit, Electric.....	22,817.69	511.14
		<i>For Equipment Base Roof Curb, Add</i>	2,826.40	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	6,587.23	
23 74 23 13-0012	EA	150 KW, 2 HP, 4,000 CFM Make-up Air Unit, Electric.....	28,287.19	601.33
		<i>For Equipment Base Roof Curb, Add</i>	3,505.83	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	8,185.49	
23 74 23 13-0013	EA	250 KW, 5 HP, 7,500 CFM Make-up Air Unit, Electric.....	36,619.78	721.60
		<i>For Equipment Base Roof Curb, Add</i>	4,541.39	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	10,625.13	
23 74 23 13-0014	EA	400 KW, 10 HP, 10,000 CFM Make-up Air Unit, Electric.....	59,328.68	902.01
		<i>For Equipment Base Roof Curb, Add</i>	7,370.98	
		<i>For Welded Exterior Waterproof Casing, Double-Wall, With Insulation, Add</i>	17,347.60	

23 76 Evaporative Air-Cooling Equipment (23 70)**23 76 13 Direct Evaporative Air Coolers (23 76)****23 76 13 00-0001 Residential Side Or Down Draft Evaporative Cooling Unit (23 76 13)**

Note: Includes motor, belt and pads.

23 76 13 00-0002	EA	3,000 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	1,623.54	420.98
23 76 13 00-0003	EA	4,300 CFM, 1/3 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	1,915.84	491.15
23 76 13 00-0004	EA	4,400 CFM, 1/2 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	2,456.98	561.32
23 76 13 00-0005	EA	5,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	2,680.80	631.48
23 76 13 00-0006	EA	6,000 CFM, 3/4 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	3,071.65	701.64
23 76 13 00-0007	EA	7,000 CFM, 1 HP Residential Side Or Down Draft Evaporative Cooling Unit.....	3,312.17	771.80

23 76 13 00-0008 Industrial Side Draft/Side Discharge Evaporative Coolers (23 76 13)

Note: Excludes motor starter, piping, power wiring and equipment rigging.

23 76 13 00-0009	EA	7,500 CFM, 3/4 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	2,748.79	298.94
23 76 13 00-0010	EA	8,500 CFM, 1 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	2,836.68	308.61
23 76 13 00-0011	EA	9,500 CFM, 1 1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	3,360.63	428.60
23 76 13 00-0012	EA	11,375 CFM, 2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	7,309.50	505.93
23 76 13 00-0013	EA	13,020 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	7,855.83	740.67
23 76 13 00-0014	EA	16,267 CFM, 3 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	9,016.72	790.05
23 76 13 00-0015	EA	15,438 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	8,235.60	888.81
23 76 13 00-0016	EA	19,286 CFM, 5 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	9,752.15	1,111.01
23 76 13 00-0017	EA	17,672 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	9,693.24	1,452.30
23 76 13 00-0018	EA	22,077 CFM, 7-1/2 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	10,828.50	1,481.34
23 76 13 00-0019	EA	24,301 CFM, 10 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	11,379.80	1,645.97
23 76 13 00-0020	EA	30,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	15,163.70	2,571.80
23 76 13 00-0021	EA	35,000 CFM, 20 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	17,057.35	2,683.59
23 76 13 00-0022	EA	40,000 CFM, 30 HP Industrial Side Or Down Draft Evaporative Cooling Unit.....	18,971.34	2,805.56

23 80 Decentralized Unitary HVAC Equipment (23)

Note: Where required, mechanical equipment excludes electrical connection, disconnect, or starter unless title states otherwise. See CSI section 23 05 29 00-0000 for hangers and supports, 26 05 19 16-0011 for electrical connection and termination, 26 05 83 00-0130 for

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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terminations, 26 28 16 16-0001 for disconnect.

23 81 Decentralized Unitary HVAC Equipment (23 80)

23 81 13 Packaged Terminal Air-Conditioners (23 81)

Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.

23 81 13 11 Packaged Terminal Air-Conditioners, Through-Wall Units (23 81 13)

23 81 13 11-0001 Packaged Terminal Air-Conditioners (23 81 13 11)

23 81 13 11-0002 Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioners (23 81 13 11-0001)

23 81 13 11-0003	EA	7,200 BTU, 13 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,097.91	263.12
		For >35 To 70, Deduct	-47.15	
		For >100, Deduct	-110.02	
		For >70 To 100, Deduct	-78.58	
23 81 13 11-0004	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,054.70	228.38
		For >35 To 70, Deduct	-47.95	
		For >100, Deduct	-111.89	
		For >70 To 100, Deduct	-79.92	
23 81 13 11-0005	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,174.38	243.38
		For >35 To 70, Deduct	-50.61	
		For >100, Deduct	-118.09	
		For >70 To 100, Deduct	-84.35	
23 81 13 11-0006	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,350.11	261.62
		For >35 To 70, Deduct	-54.81	
		For >100, Deduct	-127.90	
		For >70 To 100, Deduct	-91.36	

23 81 13 11-0007 Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioners (23 81 13 11-0001)

23 81 13 11-0008	EA	7,200 BTU, 13 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,085.26	202.65
		For >35 To 70, Deduct	-50.42	
		For >100, Deduct	-117.65	
		For >70 To 100, Deduct	-84.03	
23 81 13 11-0009	EA	9,400 BTU, 12.1 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,196.84	228.38
		For >35 To 70, Deduct	-52.22	
		For >100, Deduct	-121.84	
		For >70 To 100, Deduct	-87.03	
23 81 13 11-0010	EA	11,800 BTU, 11.6 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,277.37	243.38
		For >35 To 70, Deduct	-53.70	
		For >100, Deduct	-125.30	
		For >70 To 100, Deduct	-89.50	
23 81 13 11-0011	EA	14,500 BTU, 10.4 EER, 230/208 Volt, Heat Pump, Heating And Cooling, Packaged Terminal Air-Conditioner.....	2,486.06	261.62
		For >35 To 70, Deduct	-58.89	
		For >100, Deduct	-137.41	
		For >70 To 100, Deduct	-98.15	

23 81 13 11-0012 Packaged Terminal Air-Conditioners, Through-Wall Unit Sleeve (23 81 13 11)

Note: Includes wall case, exterior grille, weather panel and steel closure panels. Includes bolts, nuts, washers, caulking and lintel supports. Not for use with new A/C units where wall sleeve is provided. Excludes cutting opening for unit or patching masonry or concrete.

23 81 13 11-0013	EA	Up To 10,000 BTU Unit, Thru Wall A/C Sleeve	108.30	
23 81 13 11-0014	EA	>10,000 To 20,000 BTU Unit, Thru Wall A/C Sleeve.....	121.68	
23 81 13 11-0015	EA	>20,000 To 30,000 BTU Unit, Thru Wall A/C Sleeve.....	135.04	

23 81 13 11-0016 Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units (23 81 13 11)

Note: Includes storage and cleaning.

23 81 13 11-0017	EA	Removal And Reinstallation Of Packaged Terminal Air-Conditioners, Through-Wall Units.....	280.66	
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23 81 13 13 Packaged Terminal Air-Conditioners, Outdoor, Wall-Mounted Units (23 81 13)

23 81 13 13-0001 Single Package Vertical Wall Cooling Unit (23 81 13 13)

Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0884 for crane lifting equipment.

23 81 13 13-0002	EA	1/2 Ton Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	5,051.05	319.55
23 81 13 13-0003	EA	1 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	7,738.27	334.76
23 81 13 13-0004	EA	1-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	10,086.96	349.99
23 81 13 13-0005	EA	2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	11,591.97	380.42
23 81 13 13-0006	EA	2-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	14,526.00	441.28
23 81 13 13-0007	EA	3 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	15,613.13	547.80
23 81 13 13-0008	EA	3-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	17,289.24	608.66
23 81 13 13-0009	EA	4 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	19,041.36	684.75
23 81 13 13-0010	EA	5 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat.....	21,443.48	821.70

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 13 13-0011	EA		7-1/2 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	27,706.95	1,019.52
23 81 13 13-0012	EA		10 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	33,104.20	1,369.50
23 81 13 13-0013	EA		15 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	46,326.40	1,673.83
23 81 13 13-0014	EA		20 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	53,391.96	1,993.38
23 81 13 13-0015	EA		25 Ton Single Package Cooling, Vertical Wall Unit, Air To Air Type With Electric Heat	63,759.94	2,236.85
23 81 16			Room Air-Conditioners (23 81)		
			Note: Units consists of fresh air intake, throwaway filters, exhaust, automatic thermostat, hermetically sealed compressor with 5 year guarantee, "sleeve-type" construction, condensing fan motor enclosed, fan to be aluminum, three wire ground cord, multi speed fan, exposed steel parts to be phosphate bonderized with baked enamel finish and copper tubes mechanically expanded into aluminum of evaporator and condensing coils. Includes equipment rigging. Efficiency Rating (ER) not less than 9.		
23 81 16 00-0001			Window Unit, Room Air-Conditioners (23 81 16)		
23 81 16 00-0002			Cooling Only, Window Unit, Room Air-Conditioners (23 81 16 00-0001)		
23 81 16 00-0003			Cooling Only, Window Unit, Room Air-Conditioners (Frigidaire) (23 81 16 00-0002)		
23 81 16 00-0004	EA		5,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0533Q1)	562.40	147.34
			For >75 To 100, Deduct	-26.77	
			For >100, Deduct	-32.13	
			For >10 To 50, Deduct	-13.39	
			For >50 To 75, Deduct	-18.74	
23 81 16 00-0005	EA		6,000 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0633Q1)	589.31	147.34
			For >75 To 100, Deduct	-29.46	
			For >100, Deduct	-35.35	
			For >10 To 50, Deduct	-14.73	
			For >50 To 75, Deduct	-20.62	
23 81 16 00-0006	EA		8,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE0833U1)	656.58	147.34
			For >75 To 100, Deduct	-36.19	
			For >100, Deduct	-43.43	
			For >10 To 50, Deduct	-18.09	
			For >50 To 75, Deduct	-25.33	
23 81 16 00-0007	EA		10,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1033U1)	750.75	147.34
			For >75 To 100, Deduct	-45.61	
			For >100, Deduct	-54.73	
			For >10 To 50, Deduct	-22.80	
			For >50 To 75, Deduct	-31.92	
23 81 16 00-0008	EA		12,000 BTU, 11.3 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1233Q1)	871.82	147.34
			For >75 To 100, Deduct	-57.71	
			For >100, Deduct	-69.26	
			For >10 To 50, Deduct	-28.86	
			For >50 To 75, Deduct	-40.40	
23 81 16 00-0009	EA		15,100 BTU, 11.2 EER, 115 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1533Q1)	1,006.35	147.34
			For >75 To 100, Deduct	-71.17	
			For >100, Deduct	-85.40	
			For >10 To 50, Deduct	-35.58	
			For >50 To 75, Deduct	-49.82	
23 81 16 00-0010	EA		8,000 BTU, 10.9 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS0833Q1)	952.54	147.34
			For >75 To 100, Deduct	-65.79	
			For >100, Deduct	-78.94	
			For >10 To 50, Deduct	-32.89	
			For >50 To 75, Deduct	-46.05	
23 81 16 00-0011	EA		10,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1022Q1)	1,019.81	147.34
			For >75 To 100, Deduct	-72.51	
			For >100, Deduct	-87.01	
			For >10 To 50, Deduct	-36.26	
			For >50 To 75, Deduct	-50.76	
23 81 16 00-0012	EA		12,000 BTU, 9.5 EER, 115 Volt, Cooling Only, Casement Window Unit, Room Air-Conditioner (Frigidaire FFRS1222Q1)	1,073.62	147.34
			For >75 To 100, Deduct	-77.89	
			For >100, Deduct	-93.47	
			For >10 To 50, Deduct	-38.95	
			For >50 To 75, Deduct	-54.53	
23 81 16 00-0013	EA		18,500 BTU, 11.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE1833Q2)	1,127.43	147.34
			For >75 To 100, Deduct	-83.27	
			For >100, Deduct	-99.93	
			For >10 To 50, Deduct	-41.64	
			For >50 To 75, Deduct	-58.29	
23 81 16 00-0014	EA		22,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2233S2)	1,235.05	147.34
			For >75 To 100, Deduct	-94.04	
			For >100, Deduct	-112.84	
			For >10 To 50, Deduct	-47.02	
			For >50 To 75, Deduct	-65.83	
23 81 16 00-0015	EA		25,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRE2533S2)	1,248.51	147.34
			For >75 To 100, Deduct	-95.38	
			For >100, Deduct	-114.46	
			For >10 To 50, Deduct	-47.69	
			For >50 To 75, Deduct	-66.77	
23 81 16 00-0016	EA		28,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Frigidaire FFRA2822R2)	1,933.13	147.34
			For >75 To 100, Deduct	-163.84	
			For >100, Deduct	-196.61	
			For >10 To 50, Deduct	-81.92	
			For >50 To 75, Deduct	-114.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0017 Cooling Only, Window Unit, Room Air-Conditioners (Friedrich Kuhl) <small>(23 81 16 00-0002)</small>		
23 81 16 00-0018 EA 8,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS08N10C).....	2,047.30	147.34
23 81 16 00-0019 EA 10,000 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS10N10C).....	2,242.23	147.34
23 81 16 00-0020 EA 11,900 BTU, 12.2 EER, 110 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N10C).....	2,330.83	147.34
23 81 16 00-0021 EA 12,000 BTU, 12.2 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SS12N30C).....	2,366.27	147.34
23 81 16 00-0022 EA 20,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SM18N30C).....	2,685.25	147.34
23 81 16 00-0023 EA 24,000 BTU, 10.4 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL24N30C).....	3,482.70	147.34
23 81 16 00-0024 EA 28,000 BTU, 10.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL28N30C).....	3,748.51	147.34
23 81 16 00-0025 EA 36,000 BTU, 9.0 EER, 230/208 Volt, Cooling Only, Window Unit, Room Air-Conditioner (Friedrich SL36N30B).....	4,102.93	147.34
23 81 16 00-0026 Heating And Cooling, Window Unit, Room Air-Conditioners <small>(23 81 16 00-0001)</small>		
23 81 16 00-0027 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Frigidaire) <small>(23 81 16 00-0026)</small>		
23 81 16 00-0028 EA 8,000 BTU, 9.8 EER, 115 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH0822R1).....	1,073.62	147.34
For >75 To 100, Deduct	-77.89	
For >100, Deduct	-93.47	
For >10 To 50, Deduct	-38.95	
For >50 To 75, Deduct	-54.53	
23 81 16 00-0029 EA 12,000 BTU, 10.9 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1222R2).....	1,221.60	147.34
For >75 To 100, Deduct	-92.69	
For >100, Deduct	-111.23	
For >10 To 50, Deduct	-46.35	
For >50 To 75, Deduct	-64.88	
23 81 16 00-0030 EA 18,500 BTU, 10.7 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH1822R2).....	1,302.32	147.34
For >75 To 100, Deduct	-100.76	
For >100, Deduct	-120.92	
For >10 To 50, Deduct	-50.38	
For >50 To 75, Deduct	-70.53	
23 81 16 00-0031 EA 25,000 BTU, 9.4 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Frigidaire FFRH2522R2).....	1,598.29	147.34
For >75 To 100, Deduct	-130.36	
For >100, Deduct	-156.43	
For >10 To 50, Deduct	-65.18	
For >50 To 75, Deduct	-91.25	
23 81 16 00-0032 Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioners (Friedrich) <small>(23 81 16 00-0026)</small>		
23 81 16 00-0033 EA 12,000 BTU, 11.3 EER, 230/208 Volt, Electric Heat, Heating And Cooling, Window Unit, Room Air-Conditioner (Friedrich ES12N33B).....	2,454.88	147.34
23 81 16 00-0034 Accessories <small>(23 81 16 00-0001)</small>		
23 81 16 00-0035 SET Aluminum Air Conditioner Unit Frame And Bracket Assembly.....	582.86	58.97
23 81 16 00-0036 Removal And Reinstallation Of Room Air-Conditioners <small>(23 81 16)</small>		
Note: Includes storage and cleaning.		
23 81 16 00-0037 EA Removal And Reinstallation Of Room Air-Conditioning Unit In Window Lower Sash.....	175.41	
23 81 16 00-0038 EA Removal And Reinstallation Of Room Air-Conditioning Unit In Window Upper Sash.....	372.13	
23 81 16 00-0039 Through-The-Wall, Room Air-Conditioners <small>(23 81 16)</small>		
Note: Base unit excludes wall sleeve.		
23 81 16 00-0040 Cooling Only, Through-The-Wall, Room Air-Conditioners <small>(23 81 16 00-0039)</small>		
23 81 16 00-0041 Cooling Only, Through-The-Wall, Room Air-Conditioners (Friedrich) <small>(23 81 16 00-0040)</small>		
23 81 16 00-0042 EA 8,000 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS08D10A).....	1,537.80	105.24
For >75 To 100, Deduct	-132.73	
For >100, Deduct	-159.28	
For >10 To 50, Deduct	-66.37	
For >50 To 75, Deduct	-92.91	
For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	304.21	
23 81 16 00-0043 EA 9,800 BTU, 10.7 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D10B).....	1,661.85	105.24
For >75 To 100, Deduct	-145.14	
For >100, Deduct	-174.16	
For >10 To 50, Deduct	-72.57	
For >50 To 75, Deduct	-101.59	
For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	304.21	
23 81 16 00-0044 EA 12,000 BTU, 9.8 EER, 115 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D10A).....	1,892.22	105.24
For >75 To 100, Deduct	-168.17	
For >100, Deduct	-201.81	
For >10 To 50, Deduct	-84.09	
For >50 To 75, Deduct	-117.72	
For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	304.21	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 16 00-0045	EA		10,000 BTU, 10.7 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS10D30A).....	1,661.85	105.24
			<i>For >75 To 100, Deduct</i>	-145.14	
			<i>For >100, Deduct</i>	-174.16	
			<i>For >10 To 50, Deduct</i>	-72.57	
			<i>For >50 To 75, Deduct</i>	-101.59	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	304.21	
23 81 16 00-0046	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Cooling Only, Through-The-Wall, Room Air-Conditioner (Friedrich WS12D30A).....	1,892.22	105.24
			<i>For >75 To 100, Deduct</i>	-168.17	
			<i>For >100, Deduct</i>	-201.81	
			<i>For >10 To 50, Deduct</i>	-84.09	
			<i>For >50 To 75, Deduct</i>	-117.72	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	304.21	
23 81 16 00-0047			Heating And Cooling, Through-The-Wall, Room Air-Conditioners (23 81 16 00-0039)		
23 81 16 00-0048			Electric Heat, Heating And Cooling, Through-The-Wall, Room Air-Conditioners (Friedrich) (23 81 16 00-0047)		
23 81 16 00-0049	EA		10,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE10D33).....	1,945.39	105.24
			<i>For >75 To 100, Deduct</i>	-173.49	
			<i>For >100, Deduct</i>	-208.19	
			<i>For >10 To 50, Deduct</i>	-86.74	
			<i>For >50 To 75, Deduct</i>	-121.44	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	304.21	
23 81 16 00-0050	EA		12,000 BTU, 9.8 EER, 230/208 Volt, Heating And Cooling, Through-The-Wall, Room Air-Conditioner (Friedrich WE12D33).....	2,087.15	105.24
			<i>For >75 To 100, Deduct</i>	-187.67	
			<i>For >100, Deduct</i>	-225.20	
			<i>For >10 To 50, Deduct</i>	-93.83	
			<i>For >50 To 75, Deduct</i>	-131.37	
			<i>For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add</i>	304.21	
23 81 23			Computer-Room Air-Conditioners (23 81)		
			Note: Includes equipment rigging. Indoor units include filters.		
23 81 23 12			Large-Capacity, Computer-Room Air-Conditioners, Floor Mounted Units (23 81)		
23 81 23 12-0001			Floor Mounted Air Cooled Direct Expansion Type (23 81 23 12)		
			Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control. Excludes precharged copper pipe.		
23 81 23 12-0002	EA		3 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	38,373.19	2,995.17
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	4,234.44	
23 81 23 12-0003	EA		5 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	42,349.50	3,275.96
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	4,676.05	
23 81 23 12-0004	EA		6 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	58,438.89	3,743.96
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	6,608.79	
23 81 23 12-0005	EA		8 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	63,940.98	3,977.96
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	7,253.05	
23 81 23 12-0006	EA		10 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	69,443.07	4,211.96
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	7,897.30	
23 81 23 12-0007	EA		16 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	77,891.47	5,054.34
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	8,783.12	
23 81 23 12-0008	EA		20 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	87,970.15	5,615.94
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	9,952.16	
23 81 23 12-0009	EA		22 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	92,029.32	5,801.17
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	10,419.63	
23 81 23 12-0010	EA		24 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	100,133.32	5,990.33
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	11,392.24	
23 81 23 12-0011	EA		30 Ton Air Cooled Computer Room Air Conditioner, Direct Expansion Type.....	108,345.38	6,739.13
			Note: Includes interior unit and remote condenser. Excludes piping.		
			<i>For Liebert Unit, Add</i>	12,290.24	
23 81 23 12-0012			Floor Mounted Chilled Water Type (23 81 23 12)		
			Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liquitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for chilled water source.		
23 81 23 12-0013	EA		3 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	22,946.95	2,052.31
			<i>For Liebert Unit, Add</i>	2,526.32	
23 81 23 12-0014	EA		5 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	24,680.84	2,273.32
			<i>For Liebert Unit, Add</i>	2,706.22	
23 81 23 12-0015	EA		12 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source.....	30,732.91	3,462.60
			<i>For Liebert Unit, Add</i>	3,264.52	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 23 12-0016 EA 16 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	32,095.72 3,427.33	3,508.21
23 81 23 12-0017 EA 20 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	33,335.77 3,556.54	3,648.54
23 81 23 12-0018 EA 22 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	34,198.32 3,608.23	3,999.36
23 81 23 12-0019 EA 31 Ton Computer Room Air Conditioner, Chilled Water Type, Excludes Water Source <i>For Liebert Unit, Add</i>	36,308.33 3,814.97	4,350.18
23 81 23 12-0020 Floor Mounted Water Source <small>(23 81 23 12)</small> Note: Includes mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liqitect sensors, floor stand. Excludes water source.		
23 81 23 12-0021 EA 3 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	17,931.56 1,891.74	1,871.98
23 81 23 12-0022 EA 5 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	19,701.96 2,095.47	1,965.58
23 81 23 12-0023 EA 6 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	25,370.85 2,786.68	2,059.18
23 81 23 12-0024 EA 8 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	27,354.76 2,997.69	2,246.38
23 81 23 12-0025 EA 10 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	30,197.00 3,317.83	2,433.57
23 81 23 12-0026 EA 12 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	31,415.75 3,434.24	2,620.77
23 81 23 12-0027 EA 15 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	32,814.53 3,579.76	2,807.97
23 81 23 12-0028 EA 20 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	33,777.35 3,667.07	2,995.17
23 81 23 12-0029 EA 25 Ton Chilled Water Source For Computer Room Air Conditioner, Chilled Water Unit..... <i>For Liebert Unit, Add</i>	38,687.77 4,171.54	3,556.76
23 81 23 12-0030 Floor Mounted Glycol System Type <small>(23 81 23 12)</small> Note: Includes drycoolers, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liqitect sensors, floor stand. Excludes chilled water source. See CSI section 23 81 23 12-0020 for water source.		
23 81 23 12-0031 EA 3 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	46,067.42 5,416.38	2,052.31
23 81 23 12-0032 EA 5 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	49,586.31 5,819.40	2,273.32
23 81 23 12-0033 EA 6 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	76,527.53 9,141.45	2,546.96
23 81 23 12-0034 EA 9 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	78,961.08 9,400.04	2,820.60
23 81 23 12-0035 EA 10 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	84,507.03 10,047.67	3,094.24
23 81 23 12-0036 EA 16 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	101,147.47 12,055.81	3,508.21
23 81 23 12-0037 EA 20 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	110,909.32 13,253.24	3,648.54
23 81 23 12-0038 EA 22 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	115,011.25 13,709.84	3,999.36
23 81 23 12-0039 EA 30 Ton Computer Room Air Conditioner, Glycol System Type <i>For Liebert Unit, Add</i>	140,105.41 16,789.61	4,350.18
23 81 23 12-0040 Removal And Reinstallation Of Computer Room Unit <small>(23 81 23 12)</small> Note: Includes storage and cleaning. Excludes main mechanical piping. Reconnection of existing valves are included.		
23 81 23 12-0041 EA Removal And Reinstallation Up To 6 Ton, Floor Mounted Chilled Water Computer Room Unit.....	2,806.57	
23 81 23 12-0042 EA Removal And Reinstallation Up To 6 Ton Direct Expansion Computer Room Unit	2,338.81	
23 81 23 13 Computer-Room Air-Conditioners, Ceiling Mounted Units <small>(23 81 23)</small>		
23 81 23 13-0001 Ceiling Mounted Packaged Computer Room Air Conditioner <small>(23 81 23 13)</small> Note: Includes compressor sequence switch, mode alert monitor, non-locking disconnect switch, firestat, infrared humidifier, auto flush on humidifier, two liqitect sensors, floor stand, and outdoor air cooled condenser complete with fan speed control.		
23 81 23 13-0002 EA 1 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	15,136.40 1,725.31	889.69
23 81 23 13-0003 EA 1.5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	16,760.57 1,894.83	1,068.46
23 81 23 13-0004 EA 2 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	19,176.75 2,146.51	1,337.19
23 81 23 13-0005 EA 3 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	23,537.72 2,649.86	1,560.03
23 81 23 13-0006 EA 5 Ton Packaged Computer Room Air Conditioner, Ceiling Mounted, Split System <i>For Liebert Unit, Add</i>	31,794.81 3,656.58	1,695.58
23 81 26 Split-System Air-Conditioners <small>(23 81)</small>		
23 81 26 13 Small-Capacity Split-System Air-Conditioners <small>(23 81 26)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 81 26 13-0001		Split System A/C Unit <small>(23 81 26 13)</small> See CSI section 23 23 16 00-0001 for piping.		
23 81 26 13-0002		Ductless Split System Air Conditioners <small>(23 81 26 13-0001)</small> Note: Excludes refrigerant piping, electrical, and pad. Panasonic units or equal. See CSI section 23 81 49 00-0025 for ductless heat pumps.		
23 81 26 13-0003		Wall Mounted Ductless Split System Air Conditioners <small>(23 81 26 13-0002)</small>		
23 81 26 13-0004	EA	9,000 BTU, 16 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,380.00	463.08
23 81 26 13-0005	EA	11,900 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioner Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,583.09	505.18
23 81 26 13-0006	EA	17,500 BTU, 20 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,200.12	561.32
23 81 26 13-0007	EA	24,200 BTU, 17 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,556.80	617.45
23 81 26 13-0008	EA	25,200 BTU, 14.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,342.38	673.58
23 81 26 13-0009	EA	29,800 BTU, 15 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,179.50	701.64
23 81 26 13-0010	EA	31,400 BTU, 15.9 SEER, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,769.52	747.95
23 81 26 13-0011		Dual and Tri Zone Wall Mounted Ductless Split System Air Conditioners <small>(23 81 26 13-0002)</small> Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 26 13-0012	EA	7,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,036.89	224.53
23 81 26 13-0013	EA	9,000 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,098.02	238.56
23 81 26 13-0014	EA	11,900 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,160.03	252.59
23 81 26 13-0015	EA	17,500 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,303.75	266.63
23 81 26 13-0016	EA	24,200 BTU Indoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes indoor unit and wireless thermostat.	1,393.59	280.66
23 81 26 13-0017	EA	19,700 BTU, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	2,747.64	336.79
23 81 26 13-0018	EA	25,400 BTU, 16.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	3,037.76	364.85
23 81 26 13-0019	EA	30,600 BTU, 17.6 SEER, Outdoor Unit, Wall Mounted Ductless Split System Air Conditioners Note: Includes outdoor unit and refrigerant charge.	4,710.37	392.92
23 81 26 13-0020		Suspended Ceiling Mounted Ductless Split System Air Conditioners <small>(23 81 26 13-0002)</small> Note: Excludes hangers.		
23 81 26 13-0021	EA	24,400 BTU, 14.5 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,695.49	673.58
23 81 26 13-0022	EA	31,200 BTU, 15.1 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,941.92	804.09
23 81 26 13-0023	EA	39,000 BTU, 15.6 SEER, Ceiling Suspended Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,401.20	841.97
23 81 26 13-0024		Recessed Ceiling Mounted Ductless Split System Air Conditioners <small>(23 81 26 13-0002)</small> Note: Excludes hangers.		
23 81 26 13-0025	EA	11,900 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,563.70	561.32
23 81 26 13-0026	EA	17,500 BTU, 16 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,141.23	617.45
23 81 26 13-0027	EA	24,800 BTU, 14.1 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,701.15	729.71
23 81 26 13-0028	EA	32,600 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,582.83	804.09
23 81 26 13-0029	EA	39,500 BTU, 14.6 SEER, Ceiling Recessed Ductless Split System Air Conditioners Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,221.65	841.97
23 81 26 13-0030		Ductless Split System Accessories <small>(23 81 26 13-0002)</small>		
23 81 26 13-0031	LF	3" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	14.91	2.01
23 81 26 13-0032	LF	4" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	19.05	2.21
23 81 26 13-0033	LF	6" Line Set Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	23.62	2.43
23 81 26 13-0034	EA	3" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	25.18	3.77
23 81 26 13-0035	EA	4" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	42.39	4.15
23 81 26 13-0036	EA	6" Union Coupling, Rigid Polyvinyl Chloride (PVC) Line Set Covers	48.24	4.56
23 81 26 13-0037	EA	3" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.85	7.54
23 81 26 13-0038	EA	4" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	100.84	8.29
23 81 26 13-0039	EA	6" 90 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	112.54	9.13
23 81 26 13-0040	EA	3" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	81.73	8.04
23 81 26 13-0041	EA	4" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	95.64	8.86
23 81 26 13-0042	EA	6" 90 Degree Long Radius Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	146.51	9.74
23 81 26 13-0043	EA	3" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.85	7.54
23 81 26 13-0044	EA	4" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	100.84	8.29



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 13-0045 EA 6" 45 Degree Elbow, Rigid Polyvinyl Chloride (PVC) Line Set Covers	112.54	9.13
23 81 26 13-0046 EA 3" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	81.68	12.58
23 81 26 13-0047 EA 4" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	117.61	13.83
23 81 26 13-0048 EA 6" Wall Penetration Cover, Rigid Polyvinyl Chloride (PVC) Line Set Covers	140.16	15.21
23 81 26 13-0049 EA 2-1/2" Wall Sleeve, Rigid Polyvinyl Chloride (PVC) Line Set Covers	44.31	2.51
23 81 26 13-0050 EA 3" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	50.37	7.54
23 81 26 13-0051 EA 4" x 20' Flexible Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	80.19	8.29
23 81 26 13-0052 EA 3" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	45.78	7.54
23 81 26 13-0053 EA 4" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	61.83	8.29
23 81 26 13-0054 EA 6" Duct End Termination, Rigid Polyvinyl Chloride (PVC) Line Set Covers	66.65	9.13
23 81 26 13-0055 EA 4" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	211.74	10.06
23 81 26 13-0056 EA 6" T Joint, Rigid Polyvinyl Chloride (PVC) Line Set Covers	240.02	11.07
23 81 26 13-0057 EA 14" Condensing Unit Mounting Blocks With End Caps	146.39	37.72
23 81 26 13-0058 EA 17" Condensing Unit Mounting Blocks With End Caps	160.90	40.23
23 81 26 13-0059 EA 36" Condensing Unit Mounting Blocks With End Caps	214.41	42.75
23 81 26 13-0060 EA End Cap, Set of 4	22.92	
23 81 26 13-0061 EA 18" Condensing Unit Type 2 Wall Bracket, 165 LB Capacity	309.01	75.43
23 81 26 13-0062 EA 21" Condensing Unit Type 2 Wall Bracket, 220 LB Capacity	328.18	80.47
23 81 26 13-0063 LF 5/8" ID Condensate Drain Line	3.16	0.20
23 81 26 13-0064 LF 3/4" ID Condensate Drain Line	3.27	0.20
23 81 26 13-0065 Cased A/C Evaporator Coils <small>(23 81 26 13-0001)</small>		
23 81 26 13-0066 Vertical Cased A/C Evaporator Coils <small>(23 81 26 13-0065)</small>		
23 81 26 13-0067 EA 1-1/2 Ton Vertical Cased A/C Evaporator Coil	653.62	107.22
23 81 26 13-0068 EA 2 Ton Vertical Cased A/C Evaporator Coil	681.99	115.26
23 81 26 13-0069 EA 2-1/2 Ton Vertical Cased A/C Evaporator Coil	810.51	123.30
23 81 26 13-0070 EA 3 Ton Vertical Cased A/C Evaporator Coil	923.23	131.35
23 81 26 13-0071 EA 3-1/2 Ton Vertical Cased A/C Evaporator Coil	1,067.47	136.70
23 81 26 13-0072 EA 4 Ton Vertical Cased A/C Evaporator Coil	1,190.61	142.06
23 81 26 13-0073 EA 4-1/2 Ton Vertical Cased A/C Evaporator Coil	1,278.82	152.79
23 81 26 13-0074 EA 5 Ton Vertical Cased A/C Evaporator Coil	1,287.89	160.83
23 81 26 13-0075 "A" Style Horizontal Cased A/C Evaporator Coils <small>(23 81 26 13-0065)</small>		
23 81 26 13-0076 EA 2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	799.53	109.90
23 81 26 13-0077 EA 2-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	918.97	116.07
23 81 26 13-0078 EA 3 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,051.88	123.30
23 81 26 13-0079 EA 3-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,089.96	127.75
23 81 26 13-0080 EA 4 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,141.16	134.02
23 81 26 13-0081 EA 4-1/2 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,155.24	140.99
23 81 26 13-0082 EA 5 Ton "A" Style Horizontal Cased A/C Evaporator Coil	1,169.04	147.96
23 81 26 13-0083 Slab Style Horizontal Cased A/C Evaporator Coils <small>(23 81 26 13-0065)</small>		
23 81 26 13-0084 EA 2 Ton Slab Style Horizontal Cased A/C Evaporator Coil	699.39	109.90
23 81 26 13-0085 EA 3 Ton Slab Style Horizontal Cased A/C Evaporator Coil	839.31	123.30
23 81 26 13-0086 EA 4 Ton Slab Style Horizontal Cased A/C Evaporator Coil	969.00	134.02
23 81 26 13-0087 EA 5 Ton Slab Style Horizontal Cased A/C Evaporator Coil	1,167.29	147.96
23 81 26 16 Large-Capacity Split-System Air-Conditioners <small>(23 81 26)</small>		
23 81 26 16-0001 Split System Air Conditioners, Variable Refrigerant Flow (Mitsubishi City Multi) <small>(23 81 26 16)</small>		
23 81 26 16-0002 Outdoor Units <small>(23 81 26 16-0001)</small>		
23 81 26 16-0003 EA 6 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P72YKMU-A)	16,663.88	736.72
23 81 26 16-0004 EA 8 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P96YKMU-A)	18,097.87	877.05
23 81 26 16-0005 EA 10 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P120YKMU-A)	20,400.47	1,052.46
23 81 26 16-0006 EA 12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YKMU-A)	25,034.66	1,087.55
23 81 26 16-0007 EA 12 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P144YSKMU-A)	33,178.12	1,122.63
23 81 26 16-0008 EA 14 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P168YSKMU-A)	34,401.61	1,157.71
23 81 26 16-0009 EA 16 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P192YSKMU-A)	35,625.11	1,192.79
23 81 26 16-0010 EA 18 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P216YSKMU-A)	37,717.23	1,262.95
23 81 26 16-0011 EA 20 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P240YSKMU-A)	39,809.35	1,333.12
23 81 26 16-0012 EA 22 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P264YSKMU-A)	44,513.71	1,403.29
23 81 26 16-0013 EA 24 Ton R2-Series Outdoor Unit (Mitsubishi PURY-P288YSKMU-A)	49,218.05	1,473.45
23 81 26 16-0014 Indoor Units <small>(23 81 26 16-0001)</small>		
23 81 26 16-0015 EA 6 MBH Cooling, 6.7 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P06NBMU-E2)	1,786.82	228.04
23 81 26 16-0016 EA 8 MBH Cooling, 9 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P08NHMU-E2)	1,881.06	245.58
23 81 26 16-0017 EA 12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P12NHMU-E2)	1,965.43	263.12
23 81 26 16-0018 EA 15 MBH Cooling, 17 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P15NHMU-E2)	2,064.59	280.66
23 81 26 16-0019 EA 18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P18NHMU-E2)	2,248.69	333.28
23 81 26 16-0020 EA 24 MBH Cooling, 27 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P24NKMU-E2)	2,524.07	403.44
23 81 26 16-0021 EA 30 MBH Cooling, 34 MBH Heating Wall Mounted Indoor Unit (Mitsubishi PKFY-P30NKMU-E2)	2,735.19	438.52
23 81 26 16-0022 EA 6 MBH Cooling, 6.7 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P06NMAU-E3)	2,556.96	250.84
23 81 26 16-0023 EA 8 MBH Cooling, 9 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P08NMAU-E3)	2,649.77	270.13
23 81 26 16-0024 EA 12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P12NMAU-E3)	2,796.80	289.43

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0025 EA 15 MBH Cooling, 17 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P15NMAU-E3).....	3,032.54	308.72
23 81 26 16-0026 EA 18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P18NMAU-E3).....	3,217.31	366.61
23 81 26 16-0027 EA 24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P24NMAU-E3).....	3,549.10	443.79
23 81 26 16-0028 EA 27 MBH Cooling, 30 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P27NMAU-E3).....	3,730.63	463.08
23 81 26 16-0029 EA 30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P30NMAU-E3).....	3,931.87	482.38
23 81 26 16-0030 EA 36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P36NMAU-E3).....	4,358.57	530.62
23 81 26 16-0031 EA 48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P48NMAU-E3).....	4,829.43	583.67
23 81 26 16-0032 EA 54 MBH Cooling, 60 MBH Heating Ceiling Concealed Ducted Indoor Unit (Mitsubishi PEFY-P54NMAU-E3).....	5,232.03	642.05
23 81 26 16-0033 EA 72 MBH Cooling, 80 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P72NMHSU-E).....	6,587.69	706.25
23 81 26 16-0034 EA 96 MBH Cooling, 108 MBH Heating Ceiling Concealed High Static Ducted Indoor Unit (Mitsubishi PEFY-P96NMHSU-E).....	7,468.27	776.87
23 81 26 16-0035 EA 12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP12NEMU-E).....	2,908.19	289.43
23 81 26 16-0036 EA 15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP15NEMU-E).....	3,068.03	308.72
23 81 26 16-0037 EA 18 MBH Cooling, 20 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP18NEMU-E).....	3,255.76	366.61
23 81 26 16-0038 EA 24 MBH Cooling, 27 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP24NEMU-E).....	3,663.45	443.79
23 81 26 16-0039 EA 30 MBH Cooling, 34 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP30NEMU-E).....	3,948.63	482.38
23 81 26 16-0040 EA 36 MBH Cooling, 40 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-EP36NEMU-E).....	4,807.08	530.62
23 81 26 16-0041 EA 6 MBH Cooling, 6.7 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P06NBMU-ER5).....	2,611.18	250.84
23 81 26 16-0042 EA 8 MBH Cooling, 9 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P08NBMU-ER5).....	2,748.34	270.13
23 81 26 16-0043 EA 12 MBH Cooling, 13.5 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P12NBMU-ER5).....	2,954.52	289.43
23 81 26 16-0044 EA 15 MBH Cooling, 17 MBH Heating 1-Way Ceiling Recessed Cassette With Grille (Mitsubishi PMFY-P15NBMU-ER5).....	3,111.40	308.72
23 81 26 16-0045 EA 8 MBH Cooling, 9 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P08NCMU-ER4).....	2,432.90	270.13
23 81 26 16-0046 EA 12 MBH Cooling, 13.5 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P12NCMU-ER4).....	2,560.22	289.43
23 81 26 16-0047 EA 15 MBH Cooling, 17 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Mitsubishi PLFY-P15NCMU-ER4).....	2,692.46	308.72
23 81 26 16-0048 Controllers For Outdoor Units <small>(23 81 26 16-0001)</small>		
23 81 26 16-0049 EA 8 Branch (Main BC) (Mitsubishi CMB-P108NU-HA1).....	8,947.73	210.50
23 81 26 16-0050 EA 10 Branch (Main BC) (Mitsubishi CMB-P1010NU-HA1).....	10,348.66	245.58
23 81 26 16-0051 EA 13 Branch (Main BC) (Mitsubishi CMB-P1013NU-GA).....	11,439.08	280.66
23 81 26 16-0052 EA 16 Branch (Main BC) (Mitsubishi CMB-P1016NU-HA).....	13,569.47	315.74
23 81 26 16-0053 EA 4 Branch (Sub BC) (Mitsubishi CMB-P104NU-GB).....	4,997.48	140.32
23 81 26 16-0054 EA 8 Branch (Sub BC) (Mitsubishi CMB-P108NU-GB).....	7,695.82	210.50
23 81 26 16-0055 EA 16 Branch (Sub BC) (Mitsubishi CMB-P1016NU-HB).....	11,760.61	315.74
23 81 26 16-0056 Energy Recovery Units <small>(23 81 26 16-0001)</small>		
23 81 26 16-0057 EA 36.2 MBH Cooling, 39.9 MBH Heating Hydronic Heat Exchanger Auxiliary Unit (Mitsubishi PWFY-P36NMU-E2-AU).....	6,355.20	210.50
23 81 26 16-0058 EA 39.9 MBH Hydronic Heat Exchanger Booster Unit (Mitsubishi PWFY-P36NMU-E-BU).....	11,954.27	210.50
23 81 26 16-0059 EA 112 MBH Cooling, 61.4 MBH Heating Reheat Unit (Mitsubishi PEFY-AF1200CFMR).....	12,137.80	245.58
23 81 26 16-0060 EA Lossnay Energy Recovery Ventilator ERV, 300 CFM (Mitsubishi LGH-F300RX5-E).....	2,568.76	175.41
23 81 26 16-0061 EA Lossnay Energy Recovery Ventilator ERV, 470 CFM (Mitsubishi LGH-F470RX5-E).....	3,258.03	182.42
23 81 26 16-0062 EA Lossnay Energy Recovery Ventilator ERV, 600 CFM (Mitsubishi LGH-F600RX5-E).....	3,873.38	189.45
23 81 26 16-0063 EA Lossnay Energy Recovery Ventilator ERV, 1,200 CFM (Mitsubishi LGH-F1200RX5-E1).....	7,010.73	210.50
23 81 26 16-0064 Piping Specialties <small>(23 81 26 16-0001)</small>		
23 81 26 16-0065 EA Maintenance Tool Interface (Mitsubishi CMS-MNG-E).....	877.32	
23 81 26 16-0066 EA Branch Joint (Mitsubishi CMY-Y102SS-G2).....	228.23	40.72
23 81 26 16-0067 EA Branch Joint (Mitsubishi CMY-Y102LS-G2).....	228.23	40.72
23 81 26 16-0068 EA Branch Joint (Mitsubishi CMY-Y202S-G2).....	253.31	42.87
23 81 26 16-0069 EA Branch Joint (Mitsubishi CMY-Y302S-G2).....	318.24	48.23
23 81 26 16-0070 EA Header - 4 Branch (Mitsubishi CMY-Y64-G-E).....	415.33	69.66
23 81 26 16-0071 EA Header - 8 Branch (Mitsubishi CMY-Y68-G-E).....	702.52	139.32
23 81 26 16-0072 EA Refrigeration Ball Valve-Flare/Schrader/Insulated - 3/8" (Mitsubishi BV38FFSI).....	127.94	17.15
23 81 26 16-0073 EA Refrigeration Ball Valve-Flare/Schrader/Insulated - 5/8" (Mitsubishi BV58FFSI).....	143.76	23.57
23 81 26 16-0074 Split System Air Conditioners (Daikin VRV) <small>(23 81 26 16)</small>		
23 81 26 16-0075 Heat Pump Outdoor Units <small>(23 81 26 16-0074)</small>		
23 81 26 16-0076 EA 6 Ton Heat Pump Outdoor Unit (Daikin RXYQ72PBTJ).....	25,158.57	736.72
23 81 26 16-0077 EA 8 Ton Heat Pump Outdoor Unit (Daikin RXYQ96PBTJ).....	28,140.17	877.05
23 81 26 16-0078 EA 10 Ton Heat Pump Outdoor Unit (Daikin RXYQ120PBTJ).....	31,399.69	1,052.46
23 81 26 16-0079 EA 12 Ton Heat Pump Outdoor Unit (Daikin RXYQ144PBTJ).....	39,157.12	1,087.55
23 81 26 16-0080 EA 14 Ton Heat Pump Outdoor Unit (Daikin RXYQ168PBTJ).....	52,386.59	1,157.71
23 81 26 16-0081 EA 16 Ton Heat Pump Outdoor Unit (Daikin RXYQ192PBTJ).....	55,365.46	1,192.79
23 81 26 16-0082 EA 18 Ton Heat Pump Outdoor Unit (Daikin RXYQ216PBTJ).....	58,206.73	1,262.95
23 81 26 16-0083 EA 20 Ton Heat Pump Outdoor Unit (Daikin RXYQ240PBTJ).....	61,255.76	1,333.12
23 81 26 16-0084 EA 22 Ton Heat Pump Outdoor Unit (Daikin RXYQ264PBTJ).....	79,263.81	1,403.29



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 26 16-0085 EA 24 Ton Heat Pump Outdoor Unit (Daikin RXYQ288PBTJ)	82,312.83	1,473.45
23 81 26 16-0086 EA 26 Ton Heat Pump Outdoor Unit (Daikin RXYQ312PBTJ)	85,361.86	1,543.61
23 81 26 16-0087 EA 28 Ton Heat Pump Outdoor Unit (Daikin RXYQ336PBTJ)	88,203.12	1,613.77
23 81 26 16-0088 EA 30 Ton Heat Pump Outdoor Unit (Daikin RXYQ360PBTJ)	91,252.15	1,683.94
23 81 26 16-0089 Heat Recovery Heat Pump Outdoor Units <small>(23 81 26 16-0074)</small>		
23 81 26 16-0090 EA 6 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ72PBTJ).....	32,223.58	957.74
23 81 26 16-0091 EA 8 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ96PBTJ).....	35,173.72	1,140.17
23 81 26 16-0092 EA 10 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ120PBTJ).....	38,679.61	1,368.20
23 81 26 16-0093 EA 12 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ144PBTJ).....	48,535.75	1,413.81
23 81 26 16-0094 EA 14 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ168PBTJ).....	65,547.08	1,505.02
23 81 26 16-0095 EA 16 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ192PBTJ).....	70,624.63	1,550.63
23 81 26 16-0096 EA 18 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ216PBTJ).....	73,300.23	1,641.84
23 81 26 16-0097 EA 20 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ240PBTJ).....	75,975.83	1,733.06
23 81 26 16-0098 EA 22 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ264PBTJ).....	99,947.27	1,824.27
23 81 26 16-0099 EA 24 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ288PBTJ).....	102,622.86	1,915.48
23 81 26 16-0100 EA 26 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ312PBTJ).....	107,791.63	2,006.69
23 81 26 16-0101 EA 28 Ton Heat Recovery Heat Pump Outdoor Unit (Daikin REYQ336PBTJ).....	110,467.22	2,097.91
23 81 26 16-0102 Indoor Units <small>(23 81 26 16-0074)</small>		
23 81 26 16-0103 EA 7.5 MBH Cooling, 8.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ07PVJU).....	2,921.60	245.58
23 81 26 16-0104 EA 9.5 MBH Cooling, 10.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ09PVJU).....	3,051.27	252.59
23 81 26 16-0105 EA 12 MBH Cooling, 13.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ12PVJU).....	3,446.69	263.12
23 81 26 16-0106 EA 18 MBH Cooling, 20 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ18PVJU).....	3,873.19	333.28
23 81 26 16-0107 EA 24 MBH Cooling, 26.5 MBH Heating Wall Mounted Indoor Unit (Daikin FXAQ24PVJU).....	4,260.48	403.44
23 81 26 16-0108 EA 7.5 MBH Cooling, 8.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ07PVJU).....	4,256.50	270.13
23 81 26 16-0109 EA 9.5 MBH Cooling, 10.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ09PVJU).....	4,399.34	277.85
23 81 26 16-0110 EA 12 MBH Cooling, 13.5 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ12PVJU).....	4,620.46	154.36
23 81 26 16-0111 EA 18 MBH Cooling, 20 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ18PVJU).....	4,921.83	366.61
23 81 26 16-0112 EA 24 MBH Cooling, 27 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ24PVJU).....	5,834.71	443.79
23 81 26 16-0113 EA 30 MBH Cooling, 34 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ30PVJU).....	6,666.52	482.38
23 81 26 16-0114 EA 36 MBH Cooling, 40 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ36PVJU).....	7,127.55	530.62
23 81 26 16-0115 EA 48 MBH Cooling, 54 MBH Heating Ceiling Concealed Ducted Indoor Unit (Daikin FXMQ48PVJU).....	7,380.69	583.67
23 81 26 16-0116 EA 7.5 MBH Cooling, 8.7 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ07M7VJU).....	4,754.35	270.13
23 81 26 16-0117 EA 9.5 MBH Cooling, 11.1 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ09M7VJU).....	4,867.79	277.85
23 81 26 16-0118 EA 12 MBH Cooling, 14 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ12M7VJU).....	5,175.15	289.43
23 81 26 16-0119 EA 18 MBH Cooling, 21 MBH Heating 4-Way Ceiling Recessed Cassette With Grille (Daikin FXZQ18M7VJU).....	5,535.32	366.61
23 81 26 16-0120 Branch Selector Boxes <small>(23 81 26 16-0074)</small>		
23 81 26 16-0121 EA 144 MBH, 4 Branch, Multi Port Branch Selector Box (Daikin BSV4Q36PVJU).....	14,343.92	315.74
23 81 26 16-0122 EA 216 MBH, 6 Branch, Multi Port Branch Selector Box (Daikin BSV6Q36PVJU).....	21,202.87	420.98
23 81 26 16-0123 EA 36 MBH, 4 Branch, Single Port Branch Selector Box (Daikin BSVQ36PVJU).....	2,848.31	140.32
23 81 26 16-0124 EA 60 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ60PVJU).....	3,845.17	210.50
23 81 26 16-0125 EA 96 MBH, 8 Branch, Single Port Branch Selector Box (Daikin BSVQ96PVJU).....	4,786.76	315.74
23 81 26 16-0126 Controllers <small>(23 81 26 16-0074)</small>		
23 81 26 16-0127 EA Up To 16 Units, Navigation Controller (Daikin BRC1E71).....	917.67	28.06
23 81 26 16-0128 EA Individual Zone Controller (Daikin BRC2A71).....	674.63	28.06
23 81 26 16-0129 EA Up To 16 Groups, Unified ON/OFF Controller (Daikin DCS301C71).....	1,268.52	28.06
23 81 26 16-0130 EA Up To 64 Units, Multizone Controller (Daikin DCS302C71).....	1,760.49	28.06
23 81 26 16-0131 EA I-Touch Manager Replaced Both Daikin IMP-128 thru 1024 and DCS601C71 (Daikin DCM601A71).....	16,500.15	336.79
23 81 26 16-0132 EA I-Touch Manager D3net Plus Adapter (Daikin DCM601A72).....	3,024.72	28.06
23 81 26 16-0133 EA 24 Volt AC, Wired Thermostat For Split A/C Systems (Daikin DACA-TS1-1).....	670.51	49.53
23 81 26 16-0134 Energy Recovery Units <small>(23 81 26 16-0074)</small>		
23 81 26 16-0135 EA 300 CFM Energy Recovery Unit (Daikin VAM300GVJU).....	4,974.55	175.41
23 81 26 16-0136 EA 470 CFM Energy Recovery Unit (Daikin VAM470GVJU).....	6,442.93	182.42
23 81 26 16-0137 EA 600 CFM Energy Recovery Unit (Daikin VAM600GVJU).....	7,703.56	189.45
23 81 26 16-0138 EA 1,200 CFM Energy Recovery Unit (Daikin VAM1200GVJU).....	14,341.18	210.50
23 81 43 Air-Source Unitary Heat Pumps <small>(23 81)</small>		
23 81 43 00-0001 Single Package Thru-Wall Heat Pumps <small>(23 81 43)</small>		
Note: Air-to-air type with electric heat. Includes throwaway filters. Through the wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls all mounted in a steel cabinet, wall sleeve and outdoor grille. Excludes crane and associated personnel. See CSI section 01 22 23 00-0884 for crane lifting equipment.		
23 81 43 00-0002 EA 1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	2,155.78	228.25
<i>For Low Ambient Protection, 0 Degree F, Add</i>	264.63	
<i>For >35 To 70, Deduct</i>	-51.44	
<i>For >100, Deduct</i>	-120.02	
<i>For Unit Economizer, Add</i>	284.16	
<i>For >70 To 100, Deduct</i>	-85.73	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81	43 00-0003	EA	1 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	2,376.72	243.47
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	289.38	
			<i>For >35 To 70, Deduct</i>	-57.15	
			<i>For >100, Deduct</i>	-133.35	
			<i>For Unit Economizer, Add</i>	313.87	
			<i>For >70 To 100, Deduct</i>	-95.25	
23 81	43 00-0004	EA	1-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	3,976.92	243.47
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	433.40	
			<i>For >35 To 70, Deduct</i>	-105.16	
			<i>For >100, Deduct</i>	-245.36	
			<i>For Unit Economizer, Add</i>	537.90	
			<i>For >70 To 100, Deduct</i>	-175.26	
23 81	43 00-0005	EA	2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,350.25	243.47
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	240.98	
			<i>For >35 To 70, Deduct</i>	-115.44	
			<i>For >100, Deduct</i>	-269.37	
			<i>For Unit Economizer, Add</i>	588.95	
			<i>For >70 To 100, Deduct</i>	-192.41	
23 81	43 00-0006	EA	2-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	4,914.09	258.69
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	264.59	
			<i>For >35 To 70, Deduct</i>	-131.45	
			<i>For >100, Deduct</i>	-306.71	
			<i>For Unit Economizer, Add</i>	666.67	
			<i>For >70 To 100, Deduct</i>	-219.08	
23 81	43 00-0007	EA	3 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,142.69	273.90
			<i>For >35 To 70, Deduct</i>	-138.30	
			<i>For >100, Deduct</i>	-322.71	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	732.46	
			<i>For Unit Economizer, Add</i>	698.67	
			<i>For >70 To 100, Deduct</i>	-230.51	
23 81	43 00-0008	EA	3-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	5,782.73	273.90
			<i>For >35 To 70, Deduct</i>	-156.59	
			<i>For >100, Deduct</i>	-365.38	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	819.32	
			<i>For Unit Economizer, Add</i>	787.06	
			<i>For >70 To 100, Deduct</i>	-260.99	
23 81	43 00-0009	EA	4 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	6,369.45	289.11
			<i>For >35 To 70, Deduct</i>	-173.74	
			<i>For >100, Deduct</i>	-405.38	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	897.42	
			<i>For Unit Economizer, Add</i>	868.59	
			<i>For >70 To 100, Deduct</i>	-289.56	
23 81	43 00-0010	EA	5 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	7,337.04	334.76
			<i>For >35 To 70, Deduct</i>	-200.03	
			<i>For >100, Deduct</i>	-466.73	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,034.16	
			<i>For Unit Economizer, Add</i>	1,000.40	
			<i>For >70 To 100, Deduct</i>	-333.38	
23 81	43 00-0011	EA	7-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	13,341.40	395.63
			<i>For >35 To 70, Deduct</i>	-376.05	
			<i>For >100, Deduct</i>	-877.44	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	1,831.16	
			<i>For Unit Economizer, Add</i>	1,835.54	
			<i>For >70 To 100, Deduct</i>	-626.75	
23 81	43 00-0012	EA	10 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	17,173.94	502.15
			<i>For >35 To 70, Deduct</i>	-484.63	
			<i>For >100, Deduct</i>	-1,130.81	
			<i>For Unit Economizer, Add</i>	2,363.57	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	416.42	
			<i>For >70 To 100, Deduct</i>	-807.72	
23 81	43 00-0013	EA	12-1/2 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	20,938.05	563.02
			<i>For >35 To 70, Deduct</i>	-594.36	
			<i>For >100, Deduct</i>	-1,386.84	
			<i>For Unit Economizer, Add</i>	2,886.29	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	479.63	
			<i>For >70 To 100, Deduct</i>	-990.60	
23 81	43 00-0014	EA	15 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	25,799.42	639.10
			<i>For >35 To 70, Deduct</i>	-736.09	
			<i>For >100, Deduct</i>	-1,717.55	
			<i>For Unit Economizer, Add</i>	3,561.40	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	561.11	
			<i>For >70 To 100, Deduct</i>	-1,226.82	
23 81	43 00-0015	EA	20 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	34,287.94	684.75
			<i>For >35 To 70, Deduct</i>	-987.55	
			<i>For >100, Deduct</i>	-2,304.29	
			<i>For Unit Economizer, Add</i>	4,745.53	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	671.56	
			<i>For >70 To 100, Deduct</i>	-1,645.92	
23 81	43 00-0016	EA	25 Ton Single Package Heat Pump, Air To Air Type With Electric Heat.....	41,267.68	745.62
			<i>For >35 To 70, Deduct</i>	-1,193.29	
			<i>For >100, Deduct</i>	-2,784.35	
			<i>For Unit Economizer, Add</i>	5,717.83	
			<i>For Low Ambient Protection, 0 Degree F, Add</i>	770.57	
			<i>For >70 To 100, Deduct</i>	-1,988.82	



MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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23 81 43 00-0017	Single Package Vertical Wall Heat Pumps <small>(23 81 43)</small> Note: Air-to-air type with electric heat. Includes throwaway filters. Wall units are wired for 230/208 Volt, 1 phase, 60 HZ. With solid state electronic controls, thermostat, cord and NEMA plug. Units are shipped fully factory assembled in one piece, prewired, prepiped and charged with refrigerant, complete with push button controls, insulated steel cabinet, with wall sleeve and outdoor grille and stainless steel drain pan. Excludes crane and associated personnel. See CSI section 01 22 23 00-0884 for crane lifting equipment.		
23 81 43 00-0018	EA 1/2 Ton Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,302.76	304.34
23 81 43 00-0019	EA 1 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	3,981.10	334.76
23 81 43 00-0020	EA 1-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,105.80	349.99
23 81 43 00-0021	EA 2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	5,843.38	380.42
23 81 43 00-0022	EA 2-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,289.74	441.28
23 81 43 00-0023	EA 3 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	7,799.40	502.15
23 81 43 00-0024	EA 3-1/2 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	8,483.48	563.02
23 81 43 00-0025	EA 4 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	9,541.09	623.89
23 81 43 00-0026	EA 5 Ton Single Package Heat Pump, Vertical Wall Unit, Air To Air Type With Electric Heat	10,778.04	745.62

23 81 43 00-0027	Heat Pump, Room Air-Conditioners <small>(23 81 43)</small> Note: Includes throwaway filters and supplemental heat.		
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23 81 43 00-0028	Heat Pump, Window Unit, Room Air-Conditioners <small>(23 81 43 00-0027)</small>		
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23 81 43 00-0029	Heat Pump, Window Unit, Room Air-Conditioners (Friedrich) <small>(23 81 43 00-0028)</small>		
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23 81 43 00-0030	EA 10,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS10N10C)	2,508.04	147.34
	For >75 To 100, Deduct	-221.34	
	For >100, Deduct	-265.60	
	For >10 To 50, Deduct	-110.67	
	For >50 To 75, Deduct	-154.93	
23 81 43 00-0031	EA 12,000 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YS12N33C)	2,827.02	147.34
	For >75 To 100, Deduct	-253.23	
	For >100, Deduct	-303.88	
	For >10 To 50, Deduct	-126.62	
	For >50 To 75, Deduct	-177.26	
23 81 43 00-0032	EA 17,500 BTU, 10.9 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich KHM18A34A)	3,305.49	147.34
	For >75 To 100, Deduct	-301.08	
	For >100, Deduct	-361.30	
	For >10 To 50, Deduct	-150.54	
	For >50 To 75, Deduct	-210.76	
23 81 43 00-0033	EA 24,000 BTU, 10.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich YL24N35D)	3,837.12	147.34
	For >75 To 100, Deduct	-354.24	
	For >100, Deduct	-425.09	
	For >10 To 50, Deduct	-177.12	
	For >50 To 75, Deduct	-247.97	

23 81 43 00-0034	Heat Pump, Through-The-Wall, Room Air-Conditioners <small>(23 81 43 00-0027)</small> Note: Base unit excludes wall sleeve.		
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23 81 43 00-0035	Heat Pump, Through-The-Wall, Room Air-Conditioners (Friedrich) <small>(23 81 43 00-0034)</small>		
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23 81 43 00-0036	EA 9,300 BTU, 9.8 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY09C33D)	2,512.46	105.24
	For >75 To 100, Deduct	-230.20	
	For >100, Deduct	-276.24	
	For >10 To 50, Deduct	-115.10	
	For >50 To 75, Deduct	-161.14	
	For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	304.21	
23 81 43 00-0037	EA 11,300 BTU, 9.3 EER, 230/208 Volt, Heat Pump, Through-The-Wall, Room Air-Conditioner (Friedrich WY12D33A)	2,512.46	105.24
	For >75 To 100, Deduct	-230.20	
	For >100, Deduct	-276.24	
	For >10 To 50, Deduct	-115.10	
	For >50 To 75, Deduct	-161.14	
	For 27" Wide x 16-3/4" Deep x 16-3/4" High, Wall Sleeve (Friedrich WSE), Add	304.21	

23 81 46 Water-Source Unitary Heat Pumps (23 81)

23 81 46 00-0001	Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pumps <small>(23 81 46)</small> Note: R410a. Includes rubber isolator hanger brackets. McQuay CCW Series.		
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23 81 46 00-0002	EA 7 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,347.97	214.44
23 81 46 00-0003	EA 9 MBH, 300 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,455.20	214.44
23 81 46 00-0004	EA 12 MBH, 400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	3,996.11	235.89
23 81 46 00-0005	EA 19 MBH, 630 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,208.19	257.32
23 81 46 00-0006	EA 24 MBH, 800 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	4,513.19	278.77
23 81 46 00-0007	EA 30 MBH, 1,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,318.63	300.21
23 81 46 00-0008	EA 36 MBH, 1,200 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,433.00	321.66
23 81 46 00-0009	EA 42 MBH, 1,400 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	5,928.65	343.09
23 81 46 00-0010	EA 48 MBH, 1,600 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,328.97	364.54
23 81 46 00-0011	EA 60 MBH, 2,000 CFM Horizontal, Ceiling Mounted, Geothermal Water Source Heat Pump	6,431.43	385.99

23 81 49 Split System Heat Pumps (23 81)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 81 Decentralized Unitary HVAC Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 81 49 00-0001	Split System Heat Pump ^(23 81 49) See CSI section 23 23 16 00-0001 for piping.		
23 81 49 00-0002	Air Cooled, Outdoor Section ^(23 81 49 00-0001) Note: Includes 20' length of piping (liquid line and insulated suction line). Excludes additional piping.		
23 81 49 00-0003	EA 1.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,264.85	451.93
	For 15 SEER, Add	644.42	
	For 16 SEER, Add	1,038.23	
	For 18 SEER, Add	1,575.24	
	For Low Ambient Protection, 0 Degree F, Add	779.80	
	For Winterstart Control, Add	211.68	
23 81 49 00-0004	EA 2 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,410.71	502.15
	For 15 SEER, Add	656.98	
	For 16 SEER, Add	1,058.47	
	For 18 SEER, Add	1,605.95	
	For Low Ambient Protection, 0 Degree F, Add	810.69	
	For Winterstart Control, Add	222.08	
23 81 49 00-0005	EA 2.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	4,830.78	582.80
	For 15 SEER, Add	710.68	
	For 16 SEER, Add	1,144.98	
	For 18 SEER, Add	1,737.22	
	For Low Ambient Protection, 0 Degree F, Add	891.84	
	For Winterstart Control, Add	246.18	
23 81 49 00-0006	EA 3 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,285.12	669.53
	For 15 SEER, Add	768.71	
	For 16 SEER, Add	1,238.48	
	For 18 SEER, Add	1,879.08	
	For Low Ambient Protection, 0 Degree F, Add	766.10	
	For Winterstart Control, Add	272.27	
23 81 49 00-0007	EA 3.5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	5,453.98	695.41
	For 15 SEER, Add	792.10	
	For 16 SEER, Add	1,276.16	
	For 18 SEER, Add	1,936.24	
	For Low Ambient Protection, 0 Degree F, Add	791.42	
	For Winterstart Control, Add	281.37	
23 81 49 00-0008	EA 4 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,051.87	798.88
	For 15 SEER, Add	883.91	
	For 16 SEER, Add	1,424.08	
	For 18 SEER, Add	2,160.67	
	For Low Ambient Protection, 0 Degree F, Add	874.59	
	For Winterstart Control, Add	310.55	
23 81 49 00-0009	EA 5 Ton, 14 SEER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	6,880.57	878.76
	For 15 SEER, Add	1,012.54	
	For 16 SEER, Add	1,631.31	
	For 18 SEER, Add	2,475.09	
	For Winterstart Control, Add	181.79	
	For Low Ambient Protection, 0 Degree F, Add	595.10	
23 81 49 00-0010	EA 7.5 Ton, 11.5 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	7,299.63	982.30
	For Winterstart Control, Add	199.29	
	For Low Ambient Protection, 0 Degree F, Add	645.64	
23 81 49 00-0011	EA 10 Ton, 11.1 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	10,033.86	1,178.76
	For Low Ambient Protection, 0 Degree F, Add	502.26	
	For Winterstart Control, Add	252.14	
23 81 49 00-0012	EA 15 Ton, 10.9 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	13,133.14	1,375.22
	For Low Ambient Protection, 0 Degree F, Add	570.58	
	For Winterstart Control, Add	307.72	
23 81 49 00-0013	EA 20 Ton, 10.3 EER, Outdoor Heat Pump Unit..... Note: Precharged with refrigerant capable of charging the system with a 20' length of piping.	23,244.37	1,473.45
	For Low Ambient Protection, 0 Degree F, Add	606.73	
	For Winterstart Control, Add	421.85	
23 81 49 00-0014	Indoor Section, Horizontal Upflow ^(23 81 49 00-0001) Note: Electric heat. Includes throwaway filters.		
23 81 49 00-0015	EA 2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat..... For Additional 5 KW Electric Heat, Add	1,277.51 112.66	150.15
23 81 49 00-0016	EA 2-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat..... For Additional 5 KW Electric Heat, Add	1,418.91 123.18	187.06
23 81 49 00-0017	EA 3 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat..... For Additional 5 KW Electric Heat, Add	1,497.37 127.10	225.92
23 81 49 00-0018	EA 3-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 5 KW Electric Heat..... For Additional 5 KW Electric Heat, Add	1,997.56 173.28	264.52
23 81 49 00-0019	EA 4 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat..... For Additional 5 KW Electric Heat, Add	2,065.16 176.66	298.20
23 81 49 00-0020	EA 5 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat..... For Additional 5 KW Electric Heat, Add	2,296.43 195.42	342.40



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 81 49 00-0021 EA 7-1/2 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 10 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	4,813.58 425.23	561.32
23 81 49 00-0022 EA 10 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	6,996.29 636.49	631.48
23 81 49 00-0023 EA 15 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	9,720.66 901.90	701.64
23 81 49 00-0024 EA 20 Ton Indoor Section Split Heat Pump Packaged Unit, Horizontal Upflow With 15 KW Electric Heat <i>For Additional 5 KW Electric Heat, Add</i>	11,071.08 1,022.90	841.97
23 81 49 00-0025 Ductless Split System Heat Pumps <small>(23 81 49 00-0001)</small> Note: Excludes refrigerant piping, electrical, and pad. Sanyo units or equal. See CSI section 23 81 26 13-0030 for accessories.		
23 81 49 00-0026 Wall Mounted Ductless Split System Heat Pumps <small>(23 81 49 00-0025)</small>		
23 81 49 00-0027 EA 9,000 BTU Cooling, 12,200 BTU Heating, 16 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,559.55	463.08
23 81 49 00-0028 EA 11,900 BTU Cooling, 13,300 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	2,829.07	505.18
23 81 49 00-0029 EA 17,500 BTU Cooling, 20,400 BTU Heating, 20 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,429.94	561.32
23 81 49 00-0030 EA 24,200 BTU Cooling, 29,000 BTU Heating, 17 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,938.34	617.45
23 81 49 00-0031 EA 25,200 BTU Cooling, 29,200 BTU Heating, 14.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,485.42	673.58
23 81 49 00-0032 EA 29,800 BTU Cooling, 34,800 BTU Heating, 15 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,315.96	701.64
23 81 49 00-0033 EA 31,400 BTU Cooling, 36,400 BTU Heating, 15.9 SEER, Wall Mounted Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,917.65	747.95
23 81 49 00-0034 Dual and Tri Zone Wall Mounted Ductless Split System Heat Pumps <small>(23 81 49 00-0025)</small> Note: Use this section only when matching indoor and outdoor capacity units are not used.		
23 81 49 00-0035 EA 7,500 BTU Cooling, 8,500 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,076.39	224.53
23 81 49 00-0036 EA 9,000 BTU Cooling, 12,200 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,138.42	238.56
23 81 49 00-0037 EA 11,900 BTU Cooling, 14,300 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,201.33	252.59
23 81 49 00-0038 EA 17,500 BTU Cooling, 20,400 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,358.51	266.63
23 81 49 00-0039 EA 24,200 BTU Cooling, 29,000 BTU Heating Indoor Unit, Wall Mounted Ductless Split System Heat Pumps..... Note: Includes indoor unit and wireless thermostat.	1,447.45	280.66
23 81 49 00-0040 EA 19,700 BTU Cooling, 24,800 BTU Heating, 16.4 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,079.80	336.79
23 81 49 00-0041 EA 23,200 BTU Cooling, 29,200 BTU Heating, 16.5 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	3,634.75	364.85
23 81 49 00-0042 EA 30,600 BTU Cooling, 32,000 BTU Heating, 17.2 SEER, Outdoor Unit, Wall Mounted Ductless Split System Heat Pumps Note: Includes outdoor unit and refrigerant charge.	5,793.93	392.92
23 81 49 00-0043 Suspended Ceiling Mounted Ductless Split System Heat Pumps <small>(23 81 49 00-0025)</small> Note: Excludes hangers.		
23 81 49 00-0044 EA 24,400 BTU Cooling, 30,800 BTU Heating, 14.5 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,839.13	673.58
23 81 49 00-0045 EA 31,200 BTU Cooling, 37,400 BTU Heating, 15.1 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	7,090.05	804.09
23 81 49 00-0046 EA 39,000 BTU Cooling, 44,500 BTU Heating, 15.6 SEER, Ceiling Suspended Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,490.97	841.97
23 81 49 00-0047 Recessed Ceiling Mounted Ductless Split System Heat Pumps <small>(23 81 49 00-0025)</small> Note: Excludes hangers.		
23 81 49 00-0048 EA 11,900 BTU Cooling, 13,600 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	3,922.80	561.32
23 81 49 00-0049 EA 17,500 BTU Cooling, 20,400 BTU Heating, 16 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	4,443.76	617.45
23 81 49 00-0050 EA 24,800 BTU Cooling, 29,800 BTU Heating, 14.1 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	5,844.79	729.71
23 81 49 00-0051 EA 32,600 BTU Cooling, 37,600 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	6,730.96	804.09
23 81 49 00-0052 EA 39,500 BTU Cooling, 48,000 BTU Heating, 14.6 SEER, Ceiling Recessed Ductless Split System Heat Pumps Note: Includes indoor unit, outdoor unit, wireless thermostat and refrigerant charge.	8,311.43	841.97

23 82 Convection Heating and Cooling Units (23 80)

23 82 16 Air Coils (23 82)

23 82 16 11 Hydronic Air Coils (23 82 16)

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

23 82 16 11-0001		Chilled Water Cooling Coils <small>(23 82 16 11)</small> Note: Flanged construction, 16 gauge galvanized steel casing.		
23 82 16 11-0002		2 Row Chilled Water Cooling Coils <small>(23 82 16 11-0001)</small>		
23 82 16 11-0003	EA	12" x 12" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	1,856.26	53.61
23 82 16 11-0004	EA	12" x 24" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,092.25	72.91
23 82 16 11-0005	EA	24" x 30" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,151.05	114.73
23 82 16 11-0006	EA	24" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,995.72	164.04
23 82 16 11-0007	EA	30" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,283.13	201.57
23 82 16 11-0008	EA	30" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,900.00	244.46
23 82 16 11-0009	EA	30" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,306.62	283.05
23 82 16 11-0010	EA	30" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,806.53	500.06
23 82 16 11-0011	EA	34" x 32" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	4,264.86	190.10
23 82 16 11-0012	EA	34" x 48" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,443.92	323.69
23 82 16 11-0013	EA	34" x 60" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,084.17	402.07
23 82 16 11-0014	EA	34" x 72" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,646.30	485.59
23 82 16 11-0015	EA	34" x 84" Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,244.17	565.47
23 82 16 11-0016	SF	>20 SF, Chilled Water Cooling Coil, 2 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	365.26	28.51
23 82 16 11-0017		4 Row Chilled Water Cooling Coils <small>(23 82 16 11-0001)</small>		
23 82 16 11-0018	EA	12" x 12" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	2,298.92	111.50
23 82 16 11-0019	EA	12" x 24" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,710.12	160.83
23 82 16 11-0020	EA	24" x 30" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,033.12	268.05
23 82 16 11-0021	EA	24" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,121.46	397.78
23 82 16 11-0022	EA	30" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,063.00	487.85
23 82 16 11-0023	EA	30" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	8,386.56	596.13
23 82 16 11-0024	EA	30" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,316.66	715.14
23 82 16 11-0025	EA	30" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,042.16	832.44
23 82 16 11-0026	EA	34" x 32" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,768.70	359.29
23 82 16 11-0027	EA	34" x 48" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,316.27	540.38
23 82 16 11-0028	EA	34" x 60" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	8,090.71	670.11
23 82 16 11-0029	EA	34" x 72" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	8,992.42	807.36
23 82 16 11-0030	EA	34" x 84" Chilled Water Cooling Coil, 4 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,834.77	943.84
23 82 16 11-0031		6 Row Chilled Water Cooling Coils <small>(23 82 16 11-0001)</small>		
23 82 16 11-0032	EA	12" x 12" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,257.12	141.53
23 82 16 11-0033	EA	12" x 24" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	3,810.53	210.14
23 82 16 11-0034	EA	24" x 30" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	5,142.63	358.11
23 82 16 11-0035	EA	24" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	6,952.92	536.09
23 82 16 11-0036	EA	30" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,158.13	670.11
23 82 16 11-0037	EA	30" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	10,366.82	824.51
23 82 16 11-0038	EA	30" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	12,050.43	974.61
23 82 16 11-0039	EA	30" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	11,351.36	1,135.76
23 82 16 11-0040	EA	34" x 32" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	7,197.29	490.95
23 82 16 11-0041	EA	34" x 48" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted.....	9,147.11	736.38

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0042 EA 34" x 60" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,239.40	922.07
23 82 16 11-0043 EA 34" x 72" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,295.45	1,107.68
23 82 16 11-0044 EA 34" x 84" Chilled Water Cooling Coil, 6 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,358.38	1,288.66
23 82 16 11-0045 8 Row Chilled Water Cooling Coils <small>(23 82 16 11-0001)</small>		
23 82 16 11-0046 EA 12" x 12" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,076.36	170.47
23 82 16 11-0047 EA 12" x 24" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	4,950.85	261.62
23 82 16 11-0048 EA 24" x 30" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	7,331.94	466.40
23 82 16 11-0049 EA 24" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	9,662.59	715.14
23 82 16 11-0050 EA 30" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,576.65	894.21
23 82 16 11-0051 EA 30" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	13,421.53	1,072.19
23 82 16 11-0052 EA 30" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	15,458.60	1,191.20
23 82 16 11-0053 EA 30" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,978.10	1,381.72
23 82 16 11-0054 EA 34" x 32" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	8,189.04	598.28
23 82 16 11-0055 EA 34" x 48" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	10,432.60	899.46
23 82 16 11-0056 EA 34" x 60" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	11,697.42	1,120.43
23 82 16 11-0057 EA 34" x 72" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	12,895.67	1,340.22
23 82 16 11-0058 EA 34" x 84" Chilled Water Cooling Coil, 8 Row Flanged Construction, 16 Gauge Galvanized Steel Casing, Duct Mounted	14,157.22	1,576.75
23 82 16 11-0059 Hot Water Heating Coils <small>(23 82 16 11)</small>		
Note: Flanged construction.		
23 82 16 11-0060 1 Row Hot Water Heating Coils <small>(23 82 16 11-0059)</small>		
23 82 16 11-0061 EA 12" x 12" Hot Water Heating Coil, 1 Row Flanged Construction	1,436.72	144.74
For 10 Fins Per Inch, Add	22.94	
For 230 PSIG Heavy Duty, Add	316.32	
For 12 Fins Per Inch, Add	57.35	
23 82 16 11-0062 EA 12" x 24" Hot Water Heating Coil, 1 Row Flanged Construction	2,142.26	185.49
For 10 Fins Per Inch, Add	35.45	
For 230 PSIG Heavy Duty, Add	465.42	
For 12 Fins Per Inch, Add	88.63	
23 82 16 11-0063 EA 24" x 30" Hot Water Heating Coil, 1 Row Flanged Construction	2,595.90	255.18
For 10 Fins Per Inch, Add	41.71	
For 230 PSIG Heavy Duty, Add	570.24	
For 12 Fins Per Inch, Add	104.27	
23 82 16 11-0064 EA 24" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,060.80	358.11
For 10 Fins Per Inch, Add	46.92	
For 230 PSIG Heavy Duty, Add	683.64	
For 12 Fins Per Inch, Add	117.30	
23 82 16 11-0065 EA 30" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,464.43	428.88
For 10 Fins Per Inch, Add	52.13	
For 230 PSIG Heavy Duty, Add	778.66	
For 12 Fins Per Inch, Add	130.33	
23 82 16 11-0066 EA 30" x 60" Hot Water Heating Coil, 1 Row Flanged Construction	4,043.80	536.09
For 10 Fins Per Inch, Add	59.43	
For 230 PSIG Heavy Duty, Add	915.98	
For 12 Fins Per Inch, Add	148.58	
23 82 16 11-0067 EA 30" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	4,527.87	595.07
For 10 Fins Per Inch, Add	66.73	
For 230 PSIG Heavy Duty, Add	1,024.71	
For 12 Fins Per Inch, Add	166.83	
23 82 16 11-0068 EA 30" x 84" Hot Water Heating Coil, 1 Row Flanged Construction	5,618.06	691.88
For 10 Fins Per Inch, Add	84.58	
For 230 PSIG Heavy Duty, Add	1,262.50	
For 12 Fins Per Inch, Add	211.46	
23 82 16 11-0069 EA 34" x 32" Hot Water Heating Coil, 1 Row Flanged Construction	2,425.62	299.79
For 10 Fins Per Inch, Add	36.52	
For 230 PSIG Heavy Duty, Add	545.09	
For 12 Fins Per Inch, Add	91.30	
23 82 16 11-0070 EA 34" x 48" Hot Water Heating Coil, 1 Row Flanged Construction	3,638.42	449.78
For 10 Fins Per Inch, Add	54.78	
For 230 PSIG Heavy Duty, Add	817.63	
For 12 Fins Per Inch, Add	136.95	
23 82 16 11-0071 EA 34" x 72" Hot Water Heating Coil, 1 Row Flanged Construction	5,469.05	680.30
For 10 Fins Per Inch, Add	82.17	
For 230 PSIG Heavy Duty, Add	1,229.87	
For 12 Fins Per Inch, Add	205.42	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 11-0072	EA		34" x 84" Hot Water Heating Coil, 1 Row Flanged Construction.....	6,369.86	788.38
			<i>For 10 Fins Per Inch, Add</i>	95.86	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,431.65	
			<i>For 12 Fins Per Inch, Add</i>	239.66	
23 82 16 11-0073	SF		>15 SF Hot Water Heating Coil, 1 Row, Flanged Construction.....	289.24	39.67
			<i>For 10 Fins Per Inch, Add</i>	4.20	
			<i>For 230 PSIG Heavy Duty, Add</i>	65.78	
			<i>For 12 Fins Per Inch, Add</i>	10.49	
23 82 16 11-0074			2 Row Hot Water Heating Coils <small>(23 82 16 11-0059)</small>		
23 82 16 11-0075	EA		12" x 12" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,338.48	179.05
			<i>For 10 Fins Per Inch, Add</i>	39.62	
			<i>For 230 PSIG Heavy Duty, Add</i>	503.44	
			<i>For 12 Fins Per Inch, Add</i>	99.05	
23 82 16 11-0076	EA		12" x 24" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,509.74	238.02
			<i>For 10 Fins Per Inch, Add</i>	40.66	
			<i>For 230 PSIG Heavy Duty, Add</i>	549.60	
			<i>For 12 Fins Per Inch, Add</i>	101.66	
23 82 16 11-0077	EA		24" x 30" Hot Water Heating Coil, 2 Row Flanged Construction.....	3,373.60	358.11
			<i>For 10 Fins Per Inch, Add</i>	53.18	
			<i>For 230 PSIG Heavy Duty, Add</i>	746.20	
			<i>For 12 Fins Per Inch, Add</i>	132.94	
23 82 16 11-0078	EA		24" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,044.88	510.36
			<i>For 10 Fins Per Inch, Add</i>	60.48	
			<i>For 230 PSIG Heavy Duty, Add</i>	911.09	
			<i>For 12 Fins Per Inch, Add</i>	151.19	
23 82 16 11-0079	EA		30" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,650.07	630.44
			<i>For 10 Fins Per Inch, Add</i>	67.77	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,056.15	
			<i>For 12 Fins Per Inch, Add</i>	169.43	
23 82 16 11-0080	EA		30" x 60" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,920.37	765.54
			<i>For 10 Fins Per Inch, Add</i>	67.77	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,137.24	
			<i>For 12 Fins Per Inch, Add</i>	169.43	
23 82 16 11-0081	EA		30" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	5,540.59	894.21
			<i>For 10 Fins Per Inch, Add</i>	75.07	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,286.82	
			<i>For 12 Fins Per Inch, Add</i>	187.68	
23 82 16 11-0082	EA		30" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	6,835.77	1,038.95
			<i>For 10 Fins Per Inch, Add</i>	95.16	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,574.94	
			<i>For 12 Fins Per Inch, Add</i>	237.89	
23 82 16 11-0083	EA		34" x 32" Hot Water Heating Coil, 2 Row Flanged Construction.....	2,950.66	448.28
			<i>For 10 Fins Per Inch, Add</i>	41.08	
			<i>For 230 PSIG Heavy Duty, Add</i>	679.78	
			<i>For 12 Fins Per Inch, Add</i>	102.71	
23 82 16 11-0084	EA		34" x 48" Hot Water Heating Coil, 2 Row Flanged Construction.....	4,428.25	673.44
			<i>For 10 Fins Per Inch, Add</i>	61.63	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,020.35	
			<i>For 12 Fins Per Inch, Add</i>	154.06	
23 82 16 11-0085	EA		34" x 72" Hot Water Heating Coil, 2 Row Flanged Construction.....	6,652.58	1,015.35
			<i>For 10 Fins Per Inch, Add</i>	92.44	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,533.58	
			<i>For 12 Fins Per Inch, Add</i>	231.10	
23 82 16 11-0086	EA		34" x 84" Hot Water Heating Coil, 2 Row Flanged Construction.....	7,764.38	1,186.05
			<i>For 10 Fins Per Inch, Add</i>	107.85	
			<i>For 230 PSIG Heavy Duty, Add</i>	1,790.09	
			<i>For 12 Fins Per Inch, Add</i>	269.61	
23 82 16 11-0087			Hot Water Preheat Coils For Multi-Zone Air Handling Units <small>(23 82 16 11)</small>		
			Note: 2 Row coils. Coils are sized by air handling unit capacity.		
23 82 16 11-0088	EA		3,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	1,903.22	136.17
23 82 16 11-0089	EA		4,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	2,445.41	135.10
23 82 16 11-0090	EA		5,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,005.94	144.74
23 82 16 11-0091	EA		6,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,495.50	157.61
23 82 16 11-0092	EA		7,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	3,510.05	165.11
23 82 16 11-0093	EA		9,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,255.89	173.70
23 82 16 11-0094	EA		11,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,404.16	195.14
23 82 16 11-0095	EA		13,200 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	4,868.97	218.72
23 82 16 11-0096	EA		16,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	5,475.70	261.62
23 82 16 11-0097	EA		19,500 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	5,971.73	274.48
23 82 16 11-0098	EA		22,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	7,669.71	290.56
23 82 16 11-0099	EA		27,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	9,761.18	397.78
23 82 16 11-0100	EA		34,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	12,266.85	487.85
23 82 16 11-0101	EA		40,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	14,305.94	510.36
23 82 16 11-0102	EA		47,000 CFM, Hot Water Preheat Coils, 2 Row Coils, Multi Zone Air Handling Unit.....	16,805.32	595.07
23 82 16 12			Steam Air Coils <small>(23 82 16)</small>		
23 82 16 12-0001			Steam Heating Coils <small>(23 82 16 12)</small>		
			Note: Flanged construction.		



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 12-0002 EA 12" x 12" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	2,267.54 720.34 1,900.21	100.79
23 82 16 12-0003 EA 12" x 24" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	2,493.27 803.68 2,114.37	139.38
23 82 16 12-0004 EA 24" x 30" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	3,230.26 1,068.82 2,798.64	249.81
23 82 16 12-0005 EA 24" x 48" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	4,036.97 1,354.05 3,536.94	358.11
23 82 16 12-0006 EA 30" x 48" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	4,475.23 1,514.12 3,949.02	428.88
23 82 16 12-0007 EA 30" x 60" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	4,984.98 1,709.93 4,449.03	536.09
23 82 16 12-0008 EA 30" x 72" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	5,473.24 1,880.24 4,890.86	595.07
23 82 16 12-0009 EA 30" x 84" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	6,816.33 2,322.67 6,050.26	694.45
23 82 16 12-0010 EA 34" x 32" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	2,942.97 1,002.82 2,612.23	299.79
23 82 16 12-0011 EA 34" x 48" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	4,414.47 1,504.24 3,918.36	449.78
23 82 16 12-0012 EA 34" x 72" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	6,619.40 2,255.21 5,874.72	673.44
23 82 16 12-0013 EA 34" x 84" Steam Heating Coils, 1 Row Flanged Construction..... <i>For 2 Row Coil, Add</i> <i>For 4 Row Coil, Add</i>	7,727.93 2,633.73 6,860.34	788.38

23 82 16 13 Refrigerant Air Coils (23 82 16)

23 82 16 13-0001 Direct Expansion Cooling Coils (23 82 16 13)
Note: Flanged construction 16 gauge galvanized steel casing.

23 82 16 13-0002 2 Row Direct Expansion Cooling Coils (23 82 16 13-0001)

23 82 16 13-0003 EA 12" x 12" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	1,780.69 80.97 32.39	80.41
23 82 16 13-0004 EA 12" x 24" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	3,459.98 161.95 64.78	110.43
23 82 16 13-0005 EA 24" x 30" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,755.28 220.47 88.19	173.70
23 82 16 13-0006 EA 24" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,709.81 260.56 104.22	249.81
23 82 16 13-0007 EA 30" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,625.50 300.64 120.26	305.57
23 82 16 13-0008 EA 30" x 60" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	7,393.63 332.71 133.08	369.90
23 82 16 13-0009 EA 30" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	8,474.01 380.81 152.33	428.88
23 82 16 13-0010 EA 30" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	10,654.13 482.70 193.08	500.06
23 82 16 13-0011 EA 34" x 32" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	4,091.75 185.58 74.23	190.10
23 82 16 13-0012 EA 34" x 48" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	5,230.14 229.13 91.65	323.69
23 82 16 13-0013 EA 34" x 72" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,393.40 271.11 108.44	485.59
23 82 16 13-0014 EA 34" x 84" Direct Expansion Cooling Coil, 2 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	6,971.57 292.03 116.81	565.47

23 82 16 13-0015 4 Row Direct Expansion Cooling Coils (23 82 16 13-0001)

23 82 16 13-0016 EA 12" x 12" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing	2,973.24 137.49 55.00	111.50
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23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0017	EA		12" x 24" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,248.43	160.83
			<i>For 12 Fins Per Inch, Add</i>	196.42	
			<i>For 10 Fins Per Inch, Add</i>	78.57	
23 82 16 13-0018	EA		24" x 30" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,747.21	268.05
			<i>For 12 Fins Per Inch, Add</i>	260.56	
			<i>For 10 Fins Per Inch, Add</i>	104.22	
23 82 16 13-0019	EA		24" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,967.39	397.78
			<i>For 12 Fins Per Inch, Add</i>	308.66	
			<i>For 10 Fins Per Inch, Add</i>	123.46	
23 82 16 13-0020	EA		30" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,029.78	487.85
			<i>For 12 Fins Per Inch, Add</i>	352.75	
			<i>For 10 Fins Per Inch, Add</i>	141.10	
23 82 16 13-0021	EA		30" x 60" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	9,529.12	596.13
			<i>For 12 Fins Per Inch, Add</i>	416.89	
			<i>For 10 Fins Per Inch, Add</i>	166.76	
23 82 16 13-0022	EA		30" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,569.08	715.14
			<i>For 12 Fins Per Inch, Add</i>	456.98	
			<i>For 10 Fins Per Inch, Add</i>	182.79	
23 82 16 13-0023	EA		30" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,213.62	832.44
			<i>For 12 Fins Per Inch, Add</i>	427.44	
			<i>For 10 Fins Per Inch, Add</i>	170.97	
23 82 16 13-0024	EA		34" x 32" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,570.62	359.29
			<i>For 12 Fins Per Inch, Add</i>	292.60	
			<i>For 10 Fins Per Inch, Add</i>	117.04	
23 82 16 13-0025	EA		34" x 48" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,306.42	540.38
			<i>For 12 Fins Per Inch, Add</i>	361.28	
			<i>For 10 Fins Per Inch, Add</i>	144.51	
23 82 16 13-0026	EA		34" x 72" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	12,430.13	950.50
			<i>For 12 Fins Per Inch, Add</i>	526.46	
			<i>For 10 Fins Per Inch, Add</i>	210.58	
23 82 16 13-0027	EA		34" x 84" Direct Expansion Cooling Coil, 4 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	14,215.80	1,107.68
			<i>For 12 Fins Per Inch, Add</i>	600.03	
			<i>For 10 Fins Per Inch, Add</i>	240.01	
23 82 16 13-0028			6 Row Direct Expansion Cooling Coils <small>(23 82 16 13-0001)</small>		
23 82 16 13-0029	EA		12" x 12" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	3,809.69	140.46
			<i>For 12 Fins Per Inch, Add</i>	176.38	
			<i>For 10 Fins Per Inch, Add</i>	70.55	
23 82 16 13-0030	EA		12" x 24" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,348.84	210.14
			<i>For 12 Fins Per Inch, Add</i>	196.42	
			<i>For 10 Fins Per Inch, Add</i>	78.57	
23 82 16 13-0031	EA		24" x 30" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	6,246.60	358.11
			<i>For 12 Fins Per Inch, Add</i>	276.59	
			<i>For 10 Fins Per Inch, Add</i>	110.64	
23 82 16 13-0032	EA		24" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	7,886.74	536.09
			<i>For 12 Fins Per Inch, Add</i>	340.73	
			<i>For 10 Fins Per Inch, Add</i>	136.29	
23 82 16 13-0033	EA		30" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,399.56	670.11
			<i>For 12 Fins Per Inch, Add</i>	452.97	
			<i>For 10 Fins Per Inch, Add</i>	181.19	
23 82 16 13-0034	EA		30" x 60" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	11,751.07	824.51
			<i>For 12 Fins Per Inch, Add</i>	505.08	
			<i>For 10 Fins Per Inch, Add</i>	202.03	
23 82 16 13-0035	EA		30" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	13,654.40	974.61
			<i>For 12 Fins Per Inch, Add</i>	585.25	
			<i>For 10 Fins Per Inch, Add</i>	234.10	
23 82 16 13-0036	EA		30" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	12,793.17	1,135.76
			<i>For 12 Fins Per Inch, Add</i>	526.08	
			<i>For 10 Fins Per Inch, Add</i>	210.43	
23 82 16 13-0037	EA		34" x 32" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,184.26	490.95
			<i>For 12 Fins Per Inch, Add</i>	360.12	
			<i>For 10 Fins Per Inch, Add</i>	144.05	
23 82 16 13-0038	EA		34" x 48" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	10,365.74	736.38
			<i>For 12 Fins Per Inch, Add</i>	444.65	
			<i>For 10 Fins Per Inch, Add</i>	177.86	
23 82 16 13-0039	EA		34" x 72" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	12,719.16	1,098.56
			<i>For 12 Fins Per Inch, Add</i>	526.10	
			<i>For 10 Fins Per Inch, Add</i>	210.44	
23 82 16 13-0040	EA		34" x 84" Direct Expansion Cooling Coil, 6 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	13,911.54	1,288.66
			<i>For 12 Fins Per Inch, Add</i>	566.71	
			<i>For 10 Fins Per Inch, Add</i>	226.68	
23 82 16 13-0041			8 Row Direct Expansion Cooling Coils <small>(23 82 16 13-0001)</small>		
23 82 16 13-0042	EA		12" x 12" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	4,749.78	169.41
			<i>For 12 Fins Per Inch, Add</i>	220.47	
			<i>For 10 Fins Per Inch, Add</i>	88.19	
23 82 16 13-0043	EA		12" x 24" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	5,653.96	261.62
			<i>For 12 Fins Per Inch, Add</i>	256.55	
			<i>For 10 Fins Per Inch, Add</i>	102.62	
23 82 16 13-0044	EA		24" x 30" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing.....	8,348.16	466.40
			<i>For 12 Fins Per Inch, Add</i>	370.79	
			<i>For 10 Fins Per Inch, Add</i>	148.32	



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 16 13-0045 EA 24" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	10,969.93 477.02 190.81	715.14
23 82 16 13-0046 EA 30" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	13,131.18 567.21 226.88	894.21
23 82 16 13-0047 EA 30" x 60" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	15,212.26 653.39 261.36	1,072.19
23 82 16 13-0048 EA 30" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	17,534.97 757.62 303.05	1,191.20
23 82 16 13-0049 EA 30" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	14,600.13 591.84 236.74	1,381.72
23 82 16 13-0050 EA 34" x 32" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	9,299.39 405.14 162.06	598.28
23 82 16 13-0051 EA 34" x 48" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	11,803.56 500.23 200.09	899.46
23 82 16 13-0052 EA 34" x 72" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	14,544.85 591.87 236.75	1,353.74
23 82 16 13-0053 EA 34" x 84" Direct Expansion Cooling Coil, 8 Rows Flanged Construction, 16 Gauge Galvanized Steel Casing <i>For 12 Fins Per Inch, Add</i> <i>For 10 Fins Per Inch, Add</i>	15,904.53 637.55 255.02	1,576.75

23 82 16 14 Electric-Resistance Air Coils (23 82 16)

23 82 16 14-0001 Standard Electric Slip-In Blast Coil Heater (23 82 16 14)

23 82 16 14-0002 Electric Slip-In Blast Coil Heater With Open Coil Element (23 82 16 14-0001)

23 82 16 14-0003 EA 1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	623.79	108.05
23 82 16 14-0004 EA 1 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	641.78	116.48
23 82 16 14-0005 EA 2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	663.04	127.70
23 82 16 14-0006 EA 3 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	670.19	131.91
23 82 16 14-0007 EA 4 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	688.56	140.32
23 82 16 14-0008 EA 5 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	709.68	151.56
23 82 16 14-0009 EA 6 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	816.80	169.79
23 82 16 14-0010 EA 7 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	833.92	178.22
23 82 16 14-0011 EA 8 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	847.95	183.83
23 82 16 14-0012 EA 9 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	868.46	195.06
23 82 16 14-0013 EA 10 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	949.66	206.28
23 82 16 14-0014 EA 12-1/2 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	989.60	225.92
23 82 16 14-0015 EA 15 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,029.31	245.58
23 82 16 14-0016 EA 20 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,070.63	265.22
23 82 16 14-0017 EA 30 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	1,460.36	370.46
23 82 16 14-0018 EA 40 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,590.84	394.32
23 82 16 14-0019 EA 50 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	2,848.89	451.86
23 82 16 14-0020 EA 60 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,364.08	500.97
23 82 16 14-0021 EA 70 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,530.90	544.48
23 82 16 14-0022 EA 80 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	3,868.85	597.79
23 82 16 14-0023 EA 90 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	4,747.08	638.50
23 82 16 14-0024 EA 100 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	5,214.18	686.20
23 82 16 14-0025 EA 125 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	6,325.41	740.93
23 82 16 14-0026 EA 150 KW Electric Heater, Open Coil Element, Standard Slip-In Blast Coil Duct Heater.....	7,122.28	805.48

23 82 16 14-0027 Electric Slip-In Blast Coil Heater With Finned Tubular Element (23 82 16 14-0001)

23 82 16 14-0028 EA 1 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,025.99	154.36
23 82 16 14-0029 EA 2 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,058.95	168.39
23 82 16 14-0030 EA 3 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,070.84	168.39
23 82 16 14-0031 EA 4 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,158.12	185.23
23 82 16 14-0032 EA 5 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,208.02	185.23
23 82 16 14-0033 EA 6 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,234.58	185.23
23 82 16 14-0034 EA 8 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,298.56	206.28
23 82 16 14-0035 EA 9 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,357.90	231.55
23 82 16 14-0036 EA 10 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,384.46	231.55
23 82 16 14-0037 EA 15 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,559.54	265.22
23 82 16 14-0038 EA 20 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	1,984.02	265.22
23 82 16 14-0039 EA 25 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,108.34	287.68
23 82 16 14-0040 EA 30 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,476.06	308.72
23 82 16 14-0041 EA 40 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	2,932.86	308.72
23 82 16 14-0042 EA 45 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	3,198.76	322.76
23 82 16 14-0043 EA 50 KW Electric Heater, Finned Tube Element, Standard Slip-In Blast Coil Duct Heater.....	3,357.14	322.76

23 82 19 Fan Coil Units (23 82)

23 82 19 00-0001 Ceiling Suspended Horizontal Fan Coil Units (23 82 19)

Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds. Excludes supports.

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
23 82 19 00-0002		Horizontal Fan Coil Units With Electric Heating Coil <small>(23 82 19 00-0001)</small>			
23 82 19 00-0003	EA	200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	1,991.37		173.70
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.29		
23 82 19 00-0004	EA	300 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,264.73		202.65
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-55.23		
23 82 19 00-0005	EA	400 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,688.42		228.38
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-57.81		
23 82 19 00-0006	EA	600 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,090.00		261.62
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-61.15		
23 82 19 00-0007	EA	800 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,488.84		274.48
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-106.24		
23 82 19 00-0008	EA	1,000 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,485.83		290.56
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-108.47		
23 82 19 00-0009	EA	1,200 CFM Horizontal Fan Coil, Electric Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	5,281.02		315.23
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-112.30		
23 82 19 00-0010		Horizontal Fan Coil Units With Hot Water Heating Coil <small>(23 82 19 00-0001)</small>			
23 82 19 00-0011	EA	200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	2,906.43		173.70
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.29		
23 82 19 00-0012	EA	300 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	3,272.42		202.65
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-55.23		
23 82 19 00-0013	EA	400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,041.03		228.38
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-57.81		
23 82 19 00-0014	EA	600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,372.67		261.62
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-61.15		
23 82 19 00-0015	EA	800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	4,664.38		275.56
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-106.24		
23 82 19 00-0016	EA	1,000 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	6,212.55		290.56
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-108.47		
23 82 19 00-0017	EA	1,200 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,288.18		315.23
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-112.30		
23 82 19 00-0018	EA	1,400 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	7,771.59		327.02
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-114.05		
23 82 19 00-0019	EA	1,600 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	8,676.51		340.42
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-116.06		
23 82 19 00-0020	EA	1,800 CFM Horizontal Fan Coil, Hot Water Heating, Ceiling Hung, Chilled Water Coil, With Cabinet	9,333.69		353.82
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-118.07		
23 82 19 00-0021		Floor Mounted Vertical Fan Coil Units <small>(23 82 19)</small>			
		Note: Includes cabinet, chilled water coil, baked enamel finish, multispeed fan and fan switch with integral and/or remote thermostat to control valves and on/off and fan speeds.			
23 82 19 00-0022		Vertical Fan Coil Units With Electric Heating Coil <small>(23 82 19 00-0021)</small>			
23 82 19 00-0023	EA	200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	1,919.83		172.62
		<i>For Thru-Wall Sleeve, Add</i>	124.17		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.29		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-253.39		
23 82 19 00-0024	EA	300 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,193.19		202.65
		<i>For Thru-Wall Sleeve, Add</i>	135.92		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-55.23		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-288.52		
23 82 19 00-0025	EA	400 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,602.56		228.38
		<i>For Thru-Wall Sleeve, Add</i>	146.25		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-57.81		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-344.76		
23 82 19 00-0026	EA	600 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,991.26		261.62
		<i>For Thru-Wall Sleeve, Add</i>	159.60		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-61.15		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-396.39		
23 82 19 00-0027	EA	800 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,375.81		275.56
		<i>For Thru-Wall Sleeve, Add</i>	164.97		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-106.24		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-451.39		
23 82 19 00-0028	EA	1,000 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	4,335.59		290.56
		<i>For Thru-Wall Sleeve, Add</i>	170.91		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-108.47		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-592.38		
23 82 19 00-0029	EA	1,200 CFM Vertical Fan Coil, Electric Heating, Floor Mounted, Chilled Water Coil, With Cabinet	5,102.16		315.23
		<i>For Thru-Wall Sleeve, Add</i>	181.14		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-112.30		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-702.26		
23 82 19 00-0030		Vertical Fan Coil Units With Hot Water Heating Coil <small>(23 82 19 00-0021)</small>			
23 82 19 00-0031	EA	200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	2,795.00		172.62
		<i>For Thru-Wall Sleeve, Add</i>	124.17		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-52.29		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-384.66		
23 82 19 00-0032	EA	300 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet	3,147.62		202.65
		<i>For Thru-Wall Sleeve, Add</i>	135.92		
		<i>For 2-Way Valve Instead Of 3-Way, Deduct</i>	-55.23		
		<i>For Fan Coil Units Without Cabinet, Deduct</i>	-431.68		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 19 00-0033 EA 400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	3,885.03 146.25 -57.81 -537.13	228.38
23 82 19 00-0034 EA 600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	4,441.62 159.60 -61.15 -613.94	261.62
23 82 19 00-0035 EA 800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	4,958.27 164.97 -106.24 -688.76	275.56
23 82 19 00-0036 EA 1,000 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	5,967.64 170.91 -108.47 -837.19	290.56
23 82 19 00-0037 EA 1,200 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	6,998.43 181.14 -112.30 -986.70	315.23
23 82 19 00-0038 EA 1,400 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	7,670.30 185.81 -114.05 -1,085.14	327.02
23 82 19 00-0039 EA 1,600 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	8,473.92 191.17 -116.06 -1,203.00	340.42
23 82 19 00-0040 EA 1,800 CFM Vertical Fan Coil, Hot Water Heating, Floor Mounted, Chilled Water Coil, With Cabinet <i>For Thru-Wall Sleeve, Add</i> <i>For 2-Way Valve Instead Of 3-Way, Deduct</i> <i>For Fan Coil Units Without Cabinet, Deduct</i>	9,038.34 196.53 -118.07 -1,284.99	340.42
23 82 19 00-0041 Hi-Wall Chilled Water Fan Coil Units <small>(23 82 19)</small>		
23 82 19 00-0042 EA 9,000 BTU Hi-Wall Chilled Water Fan Coil Unit (Multi aqua - MHWW-9) Note: Includes LCD remote and wall bracket.	2,000.45	202.65
23 82 19 00-0043 EA 12,000 BTU Hi-Wall Chilled Water Fan Coil Unit (Multi aqua - MHWW-12) Note: Includes LCD remote and wall bracket.	2,251.58	228.38
23 82 19 00-0044 EA 18,000 BTU Hi-Wall Chilled Water Fan Coil Unit (Multi aqua - MHWW-18) Note: Includes LCD remote and wall bracket.	3,189.76	261.62
23 82 19 00-0045 EA 24,000 BTU Hi-Wall Chilled Water Fan Coil Unit (Multi aqua - MHWW-24) Note: Includes LCD remote and wall bracket.	3,521.06	275.56
23 82 19 00-0046 EA 36,000 BTU Hi-Wall Chilled Water Fan Coil Unit (Multi aqua - MHWW-36) Note: Includes LCD remote and wall bracket.	3,760.75	290.56
23 82 19 00-0047 Removal And Reinstallation Of Fan Coil Units <small>(23 82 19)</small> Note: Includes storage and cleaning. Excludes supports.		
23 82 19 00-0048 EA Removal And Reinstallation Of Fan Coil Unit Horizontal Or Vertical	455.86	
23 82 29 Radiators <small>(23 82)</small>		
23 82 29 00-0001 Demolish Cast Iron Radiators <small>(23 82 29)</small>		
23 82 29 00-0002 LF Demolish Cast Iron Radiator	32.15	
23 82 29 00-0003 EA Cap Radiator.....	53.46	
23 82 29 00-0004 Cast Iron Radiator <small>(23 82 29)</small>		
23 82 29 00-0005 EA 19" High Cast Iron Radiator Section, Free Standing..... <i>For Wall Support Bracket, Add</i>	66.20 27.82	
23 82 29 00-0006 EA 25" High Cast Iron Radiator Section, Free Standing..... <i>For Wall Support Bracket, Add</i>	96.84 29.21	
23 82 29 00-0007 EA 30" High Cast Iron Radiator Section, Free Standing.....	113.70	
23 82 29 00-0008 EA 36" High Cast Iron Radiator Section, Free Standing.....	145.08	
23 82 29 00-0009 EA 20" High Cast Iron Radiator Section, Recessed With Grille.....	89.98	
23 82 29 00-0010 Radiator Covers <small>(23 82 29)</small> Note: Includes field cutouts, vent grilles, and insulation backing. To calculate quantity, measure the surface area of front, top and sides.		
23 82 29 00-0011 SF 14 Gauge Stainless Steel Radiator Cover	132.95	7.62
23 82 29 00-0012 SF Primed And Painted, Galvanized Steel Radiator Cover.....	83.90	7.62
23 82 29 00-0013 Radiator Shields <small>(23 82 29)</small>		
23 82 29 00-0014 SF Stainless Steel Radiator Shield.....	70.95	7.62
23 82 29 00-0015 SF Primed And Painted, Galvanized Steel Radiator Shield	50.69	7.62
23 82 29 00-0016 Removal And Reinstallation Of Radiator <small>(23 82 29)</small> Note: Includes storage and cleaning.		
23 82 29 00-0017 LF Removal And Reinstallation Of Cast Iron Radiator.....	80.41	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

23 82 29 00-0018 LF Removal And Reinstallation Of Electric Radiator.....53.61

23 82 33 Convectors (23 82)**23 82 33 00-0001 Multi-Fin Convectors For Two-Pipe System (23 82 33)**

Note: Complete with 6-1/4" deep cabinet enclosure.

23 82 33 00-0002 20" High Multi-Fin Convectors For Two-Pipe System (23 82 33 00-0001)

23 82 33 00-0003	EA	20" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	561.29	117.94
		<i>For 3 Tubes System, Add</i>	133.91	
		<i>For Metal Trim Strips, Add</i>	59.61	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	45.74	
23 82 33 00-0004	EA	20" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	662.55	128.67
		<i>For 3 Tubes System, Add</i>	163.66	
		<i>For Metal Trim Strips, Add</i>	64.48	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	48.99	
23 82 33 00-0005	EA	20" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	761.86	152.25
		<i>For 3 Tubes System, Add</i>	185.98	
		<i>For Metal Trim Strips, Add</i>	75.14	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	56.10	
23 82 33 00-0006	EA	20" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	912.87	176.91
		<i>For 3 Tubes System, Add</i>	225.70	
		<i>For Metal Trim Strips, Add</i>	86.41	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	63.60	
23 82 33 00-0007	EA	20" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	1,088.45	212.29
		<i>For 3 Tubes System, Add</i>	268.40	
		<i>For Metal Trim Strips, Add</i>	102.48	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	74.32	
23 82 33 00-0008	EA	20" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	1,225.14	233.52
		<i>For 3 Tubes System, Add</i>	305.00	
		<i>For Metal Trim Strips, Add</i>	112.12	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	80.74	
23 82 33 00-0009	EA	20" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	1,422.15	283.05
		<i>For 3 Tubes System, Add</i>	347.70	
		<i>For Metal Trim Strips, Add</i>	134.62	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	95.75	
23 82 33 00-0010	EA	20" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	1,553.54	300.74
		<i>For 3 Tubes System, Add</i>	384.30	
		<i>For Metal Trim Strips, Add</i>	142.67	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	101.11	
23 82 33 00-0011	EA	20" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	1,694.25	336.13
		<i>For 3 Tubes System, Add</i>	414.80	
		<i>For Metal Trim Strips, Add</i>	158.73	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	111.82	
23 82 33 00-0012	EA	20" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	1,869.90	371.52
		<i>For 3 Tubes System, Add</i>	457.50	
		<i>For Metal Trim Strips, Add</i>	174.83	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	122.55	
23 82 33 00-0013	EA	20" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet.....	2,010.62	406.89
		<i>For 3 Tubes System, Add</i>	488.00	
		<i>For Metal Trim Strips, Add</i>	190.90	
		<i>For Knob Operated Damper, Add</i>	15.00	
		<i>For Air Chamber, Auto-vent, Add</i>	18.00	
		<i>For Access Doors Hinged, Add</i>	15.00	
		<i>For Snap-On Inlet Grille, Add</i>	133.27	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0014 26" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small>		
23 82 33 00-0015 EA 26" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	657.79	155.14
For 3 Tubes System, Add	148.79	
For Metal Trim Strips, Add	75.80	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	56.54	
23 82 33 00-0016 EA 26" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	772.60	180.23
For 3 Tubes System, Add	175.84	
For Metal Trim Strips, Add	87.06	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	64.04	
23 82 33 00-0017 EA 26" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	935.55	211.65
For 3 Tubes System, Add	216.42	
For Metal Trim Strips, Add	101.16	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	73.44	
23 82 33 00-0018 EA 26" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,098.15	235.99
For 3 Tubes System, Add	260.58	
For Metal Trim Strips, Add	112.09	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	80.73	
23 82 33 00-0019 EA 26" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,283.07	265.37
For 3 Tubes System, Add	309.88	
For Metal Trim Strips, Add	125.31	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	89.54	
23 82 33 00-0020 EA 26" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,437.05	287.45
For 3 Tubes System, Add	352.14	
For Metal Trim Strips, Add	135.28	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	96.19	
23 82 33 00-0021 EA 26" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,638.80	327.55
For 3 Tubes System, Add	401.44	
For Metal Trim Strips, Add	153.55	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	108.37	
23 82 33 00-0022 EA 26" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,789.19	347.60
For 3 Tubes System, Add	443.70	
For Metal Trim Strips, Add	162.45	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	114.30	
23 82 33 00-0023 EA 26" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,936.20	379.01
For 3 Tubes System, Add	478.91	
For Metal Trim Strips, Add	176.37	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	123.58	
23 82 33 00-0024 EA 26" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,123.94	409.79
For 3 Tubes System, Add	528.21	
For Metal Trim Strips, Add	190.43	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	132.96	
23 82 33 00-0025 EA 26" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,266.75	437.99
For 3 Tubes System, Add	563.42	
For Metal Trim Strips, Add	203.09	
For Knob Operated Damper, Add	15.00	
For Air Chamber, Auto-vent, Add	18.00	
For Access Doors Hinged, Add	15.00	
For Snap-On Inlet Grille, Add	141.40	
23 82 33 00-0026 32" High Multi-Fin Convectors For Two-Pipe System <small>(23 82 33 00-0001)</small>		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0027	EA		32" High x 2' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	753.38	188.71
			<i>For 3 Tubes System, Add</i>	163.66	
			<i>For Metal Trim Strips, Add</i>	91.73	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	67.15	
23 82 33 00-0028	EA		32" High x 3' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	898.50	228.38
			<i>For 3 Tubes System, Add</i>	193.42	
			<i>For Metal Trim Strips, Add</i>	109.76	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	79.17	
23 82 33 00-0029	EA		32" High x 4' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,084.45	266.98
			<i>For 3 Tubes System, Add</i>	238.06	
			<i>For Metal Trim Strips, Add</i>	127.29	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	90.86	
23 82 33 00-0030	EA		32" High x 6' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,258.52	290.13
			<i>For 3 Tubes System, Add</i>	286.64	
			<i>For Metal Trim Strips, Add</i>	137.87	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	97.91	
23 82 33 00-0031	EA		32" High x 8' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,448.48	313.50
			<i>For 3 Tubes System, Add</i>	340.87	
			<i>For Metal Trim Strips, Add</i>	148.37	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	104.92	
23 82 33 00-0032	EA		32" High x 10' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,615.82	336.13
			<i>For 3 Tubes System, Add</i>	387.35	
			<i>For Metal Trim Strips, Add</i>	158.73	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	111.82	
23 82 33 00-0033	EA		32" High x 12' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,813.87	364.43
			<i>For 3 Tubes System, Add</i>	441.58	
			<i>For Metal Trim Strips, Add</i>	171.67	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	120.44	
23 82 33 00-0034	EA		32" High x 14' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	1,982.27	387.81
			<i>For 3 Tubes System, Add</i>	488.06	
			<i>For Metal Trim Strips, Add</i>	182.35	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	127.56	
23 82 33 00-0035	EA		32" High x 16' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,131.54	413.97
			<i>For 3 Tubes System, Add</i>	526.79	
			<i>For Metal Trim Strips, Add</i>	193.93	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	135.28	
23 82 33 00-0036	EA		32" High x 18' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,325.02	438.74
			<i>For 3 Tubes System, Add</i>	581.02	
			<i>For Metal Trim Strips, Add</i>	205.49	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	142.99	
23 82 33 00-0037	EA		32" High x 20' Long Multi-Fin Convector, 2-Pipe System With 6-1/4" Deep Cabinet	2,467.32	459.97
			<i>For 3 Tubes System, Add</i>	619.76	
			<i>For Metal Trim Strips, Add</i>	214.98	
			<i>For Knob Operated Damper, Add</i>	15.00	
			<i>For Air Chamber, Auto-vent, Add</i>	18.00	
			<i>For Access Doors Hinged, Add</i>	15.00	
			<i>For Snap-On Inlet Grille, Add</i>	149.32	
23 82 33 00-0038			Electric Convectors, Floor Standing Units <small>(23 82 33)</small>		
23 82 33 00-0039			4" Deep Electric Convectors <small>(23 82 33 00-0038)</small>		
23 82 33 00-0040	EA		38" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	637.36	150.64
23 82 33 00-0041	EA		50" Long x 14" High x 4" Deep Electric Convectors, Floor Standing Units	699.20	150.64
23 82 33 00-0042			6" Deep Electric Convectors <small>(23 82 33 00-0038)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 33 00-0043 EA 38" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	727.74	150.64
23 82 33 00-0044 EA 50" Long x 14" High x 6" Deep Electric Convectors, Floor Standing Units	822.88	150.64
23 82 33 00-0045 EA 62" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	906.13	150.64
23 82 33 00-0046 EA 74" Long x 20" High x 6" Deep Electric Convectors, Floor Standing Units	1,036.95	150.64
 23 82 36 Finned-Tube Radiation Heaters (23 82)		
23 82 36 00-0001 Finned Tube Baseboard Units (23 82 36)		
Note: Complete with steel enclosure. Single heating element.		
23 82 36 00-0002 3/4" IPS Steel Tube With Steel Fins (23 82 36 00-0001)		
23 82 36 00-0003 EA 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	351.08	41.82
For 90 Degree Corner, Add	50.46	
For Copper Tube With Aluminum Fins, Add	8.18	
For Filler Piece, Add	43.46	
For End Cap, Add	34.30	
For Valve Enclosure, Add	50.46	
23 82 36 00-0004 EA 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	466.85	63.25
For 90 Degree Corner, Add	58.74	
For Copper Tube With Aluminum Fins, Add	12.27	
For Filler Piece, Add	51.74	
For End Cap, Add	39.68	
For Valve Enclosure, Add	58.74	
23 82 36 00-0005 EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	565.61	83.63
For 90 Degree Corner, Add	63.61	
For Copper Tube With Aluminum Fins, Add	16.37	
For Filler Piece, Add	56.61	
For End Cap, Add	42.85	
For Valve Enclosure, Add	63.61	
23 82 36 00-0006 EA 10' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	704.52	117.09
For 90 Degree Corner, Add	76.90	
For Copper Tube With Aluminum Fins, Add	20.35	
For Filler Piece, Add	69.90	
For End Cap, Add	51.49	
For Valve Enclosure, Add	76.90	
23 82 36 00-0007 EA 12' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	842.52	140.67
For 90 Degree Corner, Add	90.41	
For Copper Tube With Aluminum Fins, Add	24.23	
For Filler Piece, Add	83.41	
For End Cap, Add	60.27	
For Valve Enclosure, Add	90.41	
23 82 36 00-0008 EA 14' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	957.45	150.10
For 90 Degree Corner, Add	95.78	
For Copper Tube With Aluminum Fins, Add	29.07	
For Filler Piece, Add	88.78	
For End Cap, Add	63.75	
For Valve Enclosure, Add	95.78	
23 82 36 00-0009 EA 16' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,055.35	165.87
For 90 Degree Corner, Add	104.78	
For Copper Tube With Aluminum Fins, Add	31.98	
For Filler Piece, Add	97.78	
For End Cap, Add	69.61	
For Valve Enclosure, Add	104.78	
23 82 36 00-0010 EA 18' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,205.61	187.63
For 90 Degree Corner, Add	117.22	
For Copper Tube With Aluminum Fins, Add	36.82	
For Filler Piece, Add	110.22	
For End Cap, Add	77.69	
For Valve Enclosure, Add	117.22	
23 82 36 00-0011 EA 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 3/4" IPS Heat Element	1,329.76	206.39
For 90 Degree Corner, Add	127.95	
For Copper Tube With Aluminum Fins, Add	40.70	
For Filler Piece, Add	120.95	
For End Cap, Add	84.67	
For Valve Enclosure, Add	127.95	
 23 82 36 00-0012 1" IPS Steel Tube With Steel Fins (23 82 36 00-0001)		
23 82 36 00-0013 EA 4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	414.85	41.82
For 90 Degree Corner, Add	50.46	
For Copper Tube With Aluminum Fins, Add	11.69	
For Filler Piece, Add	43.46	
For End Cap, Add	34.30	
For Valve Enclosure, Add	50.46	
23 82 36 00-0014 EA 6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	562.51	63.25
For 90 Degree Corner, Add	58.74	
For Copper Tube With Aluminum Fins, Add	17.54	
For Filler Piece, Add	51.74	
For End Cap, Add	39.68	
For Valve Enclosure, Add	58.74	
23 82 36 00-0015 EA 8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element	693.15	83.63
For 90 Degree Corner, Add	63.61	
For Copper Tube With Aluminum Fins, Add	23.38	
For Filler Piece, Add	56.61	
For End Cap, Add	42.85	
For Valve Enclosure, Add	63.61	

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0016	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	863.22	117.09
			<i>For 90 Degree Corner, Add</i>	76.93	
			<i>For Copper Tube With Aluminum Fins, Add</i>	29.07	
			<i>For Filler Piece, Add</i>	69.93	
			<i>For End Cap, Add</i>	51.50	
			<i>For Valve Enclosure, Add</i>	76.93	
23 82 36 00-0017	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	1,031.12	140.67
			<i>For 90 Degree Corner, Add</i>	90.37	
			<i>For Copper Tube With Aluminum Fins, Add</i>	34.61	
			<i>For Filler Piece, Add</i>	83.37	
			<i>For End Cap, Add</i>	60.24	
			<i>For Valve Enclosure, Add</i>	90.37	
23 82 36 00-0018	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	1,183.99	150.10
			<i>For 90 Degree Corner, Add</i>	95.78	
			<i>For Copper Tube With Aluminum Fins, Add</i>	41.53	
			<i>For Filler Piece, Add</i>	88.78	
			<i>For End Cap, Add</i>	63.75	
			<i>For Valve Enclosure, Add</i>	95.78	
23 82 36 00-0019	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	1,304.19	165.87
			<i>For 90 Degree Corner, Add</i>	104.71	
			<i>For Copper Tube With Aluminum Fins, Add</i>	45.68	
			<i>For Filler Piece, Add</i>	97.71	
			<i>For End Cap, Add</i>	69.56	
			<i>For Valve Enclosure, Add</i>	104.71	
23 82 36 00-0020	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	1,492.57	187.63
			<i>For 90 Degree Corner, Add</i>	117.22	
			<i>For Copper Tube With Aluminum Fins, Add</i>	52.61	
			<i>For Filler Piece, Add</i>	110.22	
			<i>For End Cap, Add</i>	77.69	
			<i>For Valve Enclosure, Add</i>	117.22	
23 82 36 00-0021	EA		20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1" IPS Heat Element.....	1,646.27	206.39
			<i>For 90 Degree Corner, Add</i>	127.82	
			<i>For Copper Tube With Aluminum Fins, Add</i>	58.14	
			<i>For Filler Piece, Add</i>	120.82	
			<i>For End Cap, Add</i>	84.58	
			<i>For Valve Enclosure, Add</i>	127.82	
23 82 36 00-0022			1-1/4" IPS Steel Tube With Steel Fins <small>(23 82 36 00-0001)</small>		
23 82 36 00-0023	EA		4' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	478.62	41.82
			<i>For 90 Degree Corner, Add</i>	50.46	
			<i>For Copper Tube With Aluminum Fins, Add</i>	15.20	
			<i>For Filler Piece, Add</i>	43.46	
			<i>For End Cap, Add</i>	34.30	
			<i>For Valve Enclosure, Add</i>	50.46	
23 82 36 00-0024	EA		6' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	658.15	63.25
			<i>For 90 Degree Corner, Add</i>	58.74	
			<i>For Copper Tube With Aluminum Fins, Add</i>	22.80	
			<i>For Filler Piece, Add</i>	51.74	
			<i>For End Cap, Add</i>	39.68	
			<i>For Valve Enclosure, Add</i>	58.74	
23 82 36 00-0025	EA		8' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	820.68	83.63
			<i>For 90 Degree Corner, Add</i>	63.61	
			<i>For Copper Tube With Aluminum Fins, Add</i>	30.39	
			<i>For Filler Piece, Add</i>	56.61	
			<i>For End Cap, Add</i>	42.85	
			<i>For Valve Enclosure, Add</i>	63.61	
23 82 36 00-0026	EA		10' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,021.79	117.09
			<i>For 90 Degree Corner, Add</i>	76.93	
			<i>For Copper Tube With Aluminum Fins, Add</i>	37.79	
			<i>For Filler Piece, Add</i>	69.93	
			<i>For End Cap, Add</i>	51.50	
			<i>For Valve Enclosure, Add</i>	76.93	
23 82 36 00-0027	EA		12' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,219.90	140.67
			<i>For 90 Degree Corner, Add</i>	90.37	
			<i>For Copper Tube With Aluminum Fins, Add</i>	44.99	
			<i>For Filler Piece, Add</i>	83.37	
			<i>For End Cap, Add</i>	60.24	
			<i>For Valve Enclosure, Add</i>	90.37	
23 82 36 00-0028	EA		14' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,410.53	150.10
			<i>For 90 Degree Corner, Add</i>	95.78	
			<i>For Copper Tube With Aluminum Fins, Add</i>	53.99	
			<i>For Filler Piece, Add</i>	88.78	
			<i>For End Cap, Add</i>	63.75	
			<i>For Valve Enclosure, Add</i>	95.78	
23 82 36 00-0029	EA		16' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,553.38	165.87
			<i>For 90 Degree Corner, Add</i>	104.71	
			<i>For Copper Tube With Aluminum Fins, Add</i>	59.39	
			<i>For Filler Piece, Add</i>	97.71	
			<i>For End Cap, Add</i>	69.56	
			<i>For Valve Enclosure, Add</i>	104.71	
23 82 36 00-0030	EA		18' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element.....	1,779.51	187.63
			<i>For 90 Degree Corner, Add</i>	117.22	
			<i>For Copper Tube With Aluminum Fins, Add</i>	68.39	
			<i>For Filler Piece, Add</i>	110.22	
			<i>For End Cap, Add</i>	77.69	
			<i>For Valve Enclosure, Add</i>	117.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 36 00-0031 EA 20' Long Finned Tube Baseboard Unit Complete With Enclosure And 1-1/4" IPS Heat Element..... <i>For 90 Degree Corner, Add</i> <i>For Copper Tube With Aluminum Fins, Add</i> <i>For Filler Piece, Add</i> <i>For End Cap, Add</i> <i>For Valve Enclosure, Add</i>	1,963.42 127.82 75.59 120.82 84.58 127.82	206.39
23 82 36 00-0032 Electric Baseboard Heating <small>(23 82 36)</small> Note: Includes 24 gauge steel enclosure and heating element		
23 82 36 00-0033 Electric Wall Heating 10" Enclosure <small>(23 82 36 00-0032)</small>		
23 82 36 00-0034 LF Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element <250 Watts/FT	169.06	83.70
23 82 36 00-0035 LF Electric Wall Heating, 10" Enclosure, Low Capacity Electric Unit, Element >= 250 Watts/FT	171.91	83.70
23 82 36 00-0036 Electric Wall Heating 16" Enclosure <small>(23 82 36 00-0032)</small>		
23 82 36 00-0037 LF Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element <350 Watts/FT	197.60	83.70
23 82 36 00-0038 LF Electric Wall Heating, 16" Enclosure, Low Capacity Electric Unit, Element >= 350 Watts/FT	204.73	83.70
23 82 39 Unit Heaters <small>(23 82)</small>		
23 82 39 13 Cabinet Unit Heaters <small>(23 82 39)</small>		
23 82 39 13-0001 Electric Cabinet Unit Heaters <small>(23 82 39 13)</small> Note: Can be mounted on the ceiling, floor or wall. Includes built-in thermostat. 208, 240/208, 277, or 480 Volt.		
23 82 39 13-0002 Electric Cabinet Unit Heaters, 35" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0003 EA 2 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	2,980.26	190.21
23 82 39 13-0004 EA 3 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,003.07	190.21
23 82 39 13-0005 EA 4 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,025.89	190.21
23 82 39 13-0006 EA 5 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,048.69	190.21
23 82 39 13-0007 EA 6 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,071.51	190.21
23 82 39 13-0008 EA 7 KW, 250 CFM, 35" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,094.33	190.21
23 82 39 13-0009 EA 8 KW, 250 CFM, 35" Electric Cabinet Unit Heater.....	3,118.05	190.21
23 82 39 13-0010 EA For Ceiling Installation of 35" Cabinet Unit Heater, Add	254.12	126.30
23 82 39 13-0011 Electric Cabinet Unit Heaters, 45" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0012 EA 4 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,179.52	228.25
23 82 39 13-0013 EA 6 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,225.16	228.25
23 82 39 13-0014 EA 8 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,270.78	228.25
23 82 39 13-0015 EA 10 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,316.42	228.25
23 82 39 13-0016 EA 12 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,362.03	228.25
23 82 39 13-0017 EA 14 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,407.67	228.25
23 82 39 13-0018 EA 16 KW, 500 CFM, 45" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	3,453.29	228.25
23 82 39 13-0019 EA For Ceiling Installation of 45" Cabinet Unit Heater, Add	304.34	152.17
23 82 39 13-0020 Electric Cabinet Unit Heaters, 58" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0021 EA 6 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,000.59	304.34
23 82 39 13-0022 EA 8 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,046.21	304.34
23 82 39 13-0023 EA 10 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,091.84	304.34
23 82 39 13-0024 EA 12 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,137.46	304.34
23 82 39 13-0025 EA 14 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,183.10	304.34
23 82 39 13-0026 EA 16 KW, 750 CFM, 58" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,228.71	304.34
23 82 39 13-0027 EA For Ceiling Installation of 58" Cabinet Unit Heater, Add	380.42	190.21
23 82 39 13-0028 Electric Cabinet Unit Heaters, 68" Cabinet Length <small>(23 82 39 13-0001)</small>		
23 82 39 13-0029 EA 6 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,730.41	380.42
23 82 39 13-0030 EA 9 KW, 750 CFM, 68" Electric Cabinet Unit Heater..... Note: Wall or floor mounted.	4,798.84	380.42

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 82 Convection Heating and Cooling Units**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 13-0031	EA	12 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,867.28	380.42
23 82 39 13-0032	EA	15 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	4,935.71	380.42
23 82 39 13-0033	EA	18 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,004.17	380.42
23 82 39 13-0034	EA	21 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,072.61	380.42
23 82 39 13-0035	EA	24 KW, 750 CFM, 68" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,141.04	380.42
23 82 39 13-0036	EA	For Ceiling Installation of 68" Cabinet Unit Heater, Add	508.24	254.11
23 82 39 13-0037		Electric Cabinet Unit Heaters, 78" Cabinet Length (23 82 39 13-0001)		
23 82 39 13-0038	EA	8 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,551.46	456.50
23 82 39 13-0039	EA	12 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,642.72	456.50
23 82 39 13-0040	EA	16 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,733.97	456.50
23 82 39 13-0041	EA	20 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,825.22	456.50
23 82 39 13-0042	EA	24 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	5,916.48	456.50
23 82 39 13-0043	EA	28 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,007.73	456.50
23 82 39 13-0044	EA	32 KW, 1,000 CFM, 78" Electric Cabinet Unit Heater Note: Wall or floor mounted.	6,098.99	456.50
23 82 39 13-0045	EA	For Ceiling Installation of 78" Cabinet Unit Heater, Add	608.66	304.34
23 82 39 13-0046		Removal and Reinstallation of Cabinet Unit Heaters (23 82 39 13)		
		Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 13-0047	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Floor or Wall.....	294.85	
23 82 39 13-0048	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Floor or Wall	509.30	
23 82 39 13-0049	EA	Removal And Reinstallation Of Up To 58" Cabinet Unit Heater, Ceiling	607.93	
23 82 39 13-0050	EA	Removal And Reinstallation Of >58" Cabinet Unit Heater, Ceiling	822.36	
23 82 39 16		Propeller Unit Heaters (23 82 39)		
23 82 39 16-0001		Hydronic Unit Heaters Using Steam Or Hot Water (23 82 39 16)		
		Note: For use with either steam or heating hot water. Heating output capacities for both are listed.		
23 82 39 16-0002		Horizontal Hydronic Unit Heaters, Fan Propelled, 115 Volt (23 82 39 16-0001)		
23 82 39 16-0003	EA	18 MBH Steam, 13 MBH Hot Water, 395 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	959.40	107.22
23 82 39 16-0004	EA	24 MBH Steam, 17.4 MBH Hot Water, 450 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	961.43	107.22
23 82 39 16-0005	EA	36 MBH Steam, 26.1 MBH Hot Water, 550 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,078.24	107.22
23 82 39 16-0006	EA	48 MBH Steam, 34.8 MBH Hot Water, 750 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,307.02	160.83
23 82 39 16-0007	EA	60 MBH Steam, 43.6 MBH Hot Water, 900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,366.77	160.83
23 82 39 16-0008	EA	72 MBH Steam, 52.3 MBH Hot Water, 1,100 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,455.76	160.83
23 82 39 16-0009	EA	84 MBH Steam, 61 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,738.16	214.44
23 82 39 16-0010	EA	96 MBH Steam, 69.7 MBH Hot Water, 2,400 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	1,917.43	214.44
23 82 39 16-0011	EA	108 MBH Steam, 78.4 MBH Hot Water, 2,800 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,031.52	214.44
23 82 39 16-0012	EA	120 MBH Steam, 87.1 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,123.88	214.44
23 82 39 16-0013	EA	132 MBH Steam, 95.8 MBH Hot Water, 2,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,385.92	268.05
23 82 39 16-0014	EA	144 MBH Steam, 104 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,417.17	268.05
23 82 39 16-0015	EA	156 MBH Steam, 113 MBH Hot Water, 2,600 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,447.05	268.05
23 82 39 16-0016	EA	180 MBH Steam, 118 MBH Hot Water, 2,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,590.88	321.66
23 82 39 16-0017	EA	204 MBH Steam, 148 MBH Hot Water, 2,900 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	2,824.48	321.66
23 82 39 16-0018	EA	240 MBH Steam, 174 MBH Hot Water, 3,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	3,218.43	375.27
23 82 39 16-0019	EA	280 MBH Steam, 209.1 MBH Hot Water, 4,200 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,064.56	375.27
23 82 39 16-0020	EA	300 MBH Steam, 230 MBH Hot Water, 5,000 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	4,310.22	428.88
23 82 39 16-0021	EA	360 MBH Steam, 261.3 MBH Hot Water, 5,500 CFM Unit Heater Fan Propelled, Horizontal, 115 Volt	5,179.45	428.88
23 82 39 16-0022	EA	Fan Guard For Fan Propelled Steam Unit Heater, Horizontal.....	260.71	26.80
		Note: Required only for unit heaters located within 7' of a working surface.		
23 82 39 16-0023		Vertical Hydronic Unit Heaters, Fan Propelled, 115 Volt (23 82 39 16-0001)		
23 82 39 16-0024	EA	41.3 MBH Steam, 22.7 MBH Hot Water, 595 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,387.16	107.22
23 82 39 16-0025	EA	65.5 MBH Steam, 39.6 MBH Hot Water, 989 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,451.67	160.83
23 82 39 16-0026	EA	80.6 MBH Steam, 48.4 MBH Hot Water, 1,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,569.16	160.83
23 82 39 16-0027	EA	101.8 MBH Steam, 68.3 MBH Hot Water, 1,490 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	1,921.52	214.44
23 82 39 16-0028	EA	124.4 MBH Steam, 83.7 MBH Hot Water, 1,790 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,036.95	214.44
23 82 39 16-0029	EA	152 MBH Steam, 105.2 MBH Hot Water, 2,220 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,381.72	321.66
23 82 39 16-0030	EA	173 MBH Steam, 118.6 MBH Hot Water, 2,620 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,558.28	321.66
23 82 39 16-0031	EA	210.2 MBH Steam, 139.7 MBH Hot Water, 3,200 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	2,706.33	321.66
23 82 39 16-0032	EA	249.8 MBH Steam, 180.1 MBH Hot Water, 4,180 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	3,016.05	375.27
23 82 39 16-0033	EA	283.8 MBH Steam, 205.4 MBH Hot Water, 4,430 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	3,191.27	375.27
23 82 39 16-0034	EA	333.4 MBH Steam, 242.9 MBH Hot Water, 5,210 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	3,545.73	375.27
23 82 39 16-0035	EA	386 MBH Steam, 280.8 MBH Hot Water, 6,140 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	4,083.33	482.48
23 82 39 16-0036	EA	496 MBH Steam, 368.1 MBH Hot Water, 8,020 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	5,262.22	482.48
23 82 39 16-0037	EA	585 MBH Steam, 431.1 MBH Hot Water, 9,450 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	5,623.49	482.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 82 39 16-0038 EA 705 MBH Steam, 519.4 MBH Hot Water, 11,000 CFM Unit Heater Fan Propelled, Vertical, 115 Volt.....	6,407.08	536.09
23 82 39 16-0039 EA Fan Guard For Fan Propelled Steam Unit Heater, Vertical.....	361.21	26.80
Note: Required only for unit heaters located within 7' of a working surface.		
23 82 39 16-0040 Removal and Reinstallation of Propeller Unit Heaters <small>(23 82 39 16)</small>		
Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 16-0041 EA Removal And Reinstallation Of Up To 120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	643.31	
23 82 39 16-0042 EA Removal And Reinstallation Of >120 MBH Steam, 87.1 MBH Hot Water Hydronic Unit Heater, Horizontal or Vertical	857.75	
23 82 39 19 Wall and Ceiling Unit Heaters <small>(23 82 39)</small>		
23 82 39 19-0001 Electric Unit Heaters <small>(23 82 39 19)</small>		
Note: May be mounted both vertically and horizontally.		
23 82 39 19-0002 EA 3 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	913.34	152.17
23 82 39 19-0003 EA 5 KW, 350 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	913.34	152.17
23 82 39 19-0004 EA 7.5 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,218.68	190.21
23 82 39 19-0005 EA 10 KW, 650 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	1,402.42	228.25
23 82 39 19-0006 EA 15 KW, 910 CFM Electric Unit Heater, 208, 240/208, or 277 Volt	2,033.06	304.34
23 82 39 19-0007 EA 20 KW, 1,320 CFM Electric Unit Heater, 208, 240/208, 277, or 480 Volt	2,932.41	380.42
23 82 39 19-0008 EA 30 KW, 2,100 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt.....	4,015.78	456.50
23 82 39 19-0009 EA 50 KW, 3,000 CFM Electric Unit Heater, Two speed; 208, 240/208, 277, or 480 Volt.....	5,807.77	532.58
23 82 39 19-0010 EA 3 KW, 350 CFM Electric Unit Heater - 480 Volt	1,111.32	152.17
23 82 39 19-0011 EA 5 KW, 350 CFM Electric Unit Heater - 480 Volt	1,072.67	152.17
23 82 39 19-0012 EA 7.5 KW, 650 CFM Electric Unit Heater - 480 Volt	1,275.27	190.21
23 82 39 19-0013 EA 10 KW, 650 CFM Electric Unit Heater - 480 Volt	1,476.03	228.25
23 82 39 19-0014 EA 15 KW, 910 CFM Electric Unit Heater - 480 Volt	2,180.29	304.34
23 82 39 19-0015 Electric Ceiling and Wall Heaters <small>(23 82 39 19)</small>		
Note: The "/" between wattages indicates two or three speed operation. 120, 240/208 or 277 Volt.		
23 82 39 19-0016 EA 1,000, 1,500 Or 2,000 Watt Recessed Electric Wall Heater	450.44	95.11
23 82 39 19-0017 EA 1,500/750 Or 2,000/1,000 Watt Recessed Electric Wall Heater	525.42	106.52
23 82 39 19-0018 EA 3,000, 3,600, 4,000 Or 4,800 Watt Recessed Electric Wall Heater	801.42	106.52
23 82 39 19-0019 EA 1,000, 1,500 Or 2,000 Watt Surface Mounted Electric Wall Heater	507.13	95.11
23 82 39 19-0020 EA 1,500/750 Or 2,000/1,000 Watt Surface Mounted Electric Wall Heater	614.88	106.52
23 82 39 19-0021 EA 3,000, 3,600, 4,000 Or 4,800 Watt Surface Mounted Electric Wall Heater	906.50	106.52
23 82 39 19-0022 EA 1,000, 1,500 Or 2,000/1,500 Watt Recessed Electric Ceiling Heater	667.11	125.53
23 82 39 19-0023 EA 3,000, 4,000 Or 4,000/3,000 Watt Recessed Electric Ceiling Heater	1,209.41	133.14
23 82 39 19-0024 EA 4,800/3,600 Watt Recessed Electric Ceiling Heater	1,355.27	133.14
23 82 39 19-0025 EA 4,000/3,000/2,000 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,568.50	140.76
23 82 39 19-0026 EA 5,000/3,800/2,500 Watt Recessed Or Surface Mounted Electric Ceiling Heater	1,696.57	140.76
23 82 39 19-0027 EA 1,000, 1,500 Or 2,000/1,500 Watt Surface Mounted Electric Ceiling Heater	742.87	125.53
23 82 39 19-0028 EA 3,000, 4,000 Or 4,000/3,000 Watt Surface Mounted Electric Ceiling Heater	1,328.75	133.14
23 82 39 19-0029 EA 4,800/3,600 Watt Surface Mounted Electric Ceiling Heater.....	1,474.61	133.14
23 82 39 19-0030 EA Selectable Wattage (500 Or 750 Or 1000 Or 1,250 Or 1,500 Or 1,750 Or 2,250 Watt), 240 Volt, Surface Mounted, Electric Wall Heater (Markel Series 305 - Model H30522T2DWB).....	683.49	95.11
23 82 39 19-0031 Removal And Reinstallation Of Electric Unit Heaters <small>(23 82 39 19)</small>		
Note: Includes disconnection/reconnection of power and piping, storage, cleaning and reinstallation. Excludes removal and reinstallation of equipment supports.		
23 82 39 19-0032 EA Removal And Reinstallation Of Up To 15KW Electric Unit Heater	386.01	
23 82 39 19-0033 EA Removal And Reinstallation Of >15 KW Electric Unit Heater	793.51	
23 83 Radiant Heating Units <small>(23 80)</small>		
23 83 13 Radiant-Heating Electric Cables <small>(23 83)</small>		
23 83 13 13 Radiant-Heating Electric Cables <small>(23 83 13)</small>		
23 83 13 13-0001 Self Regulating Heating Cable <small>(23 83 13 13)</small>		
23 83 13 13-0002 LF 3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	8.92	0.76
Note: Tinned copper braid, at 50 Degrees F.		
23 83 13 13-0003 LF 5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	9.52	0.76
Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0004 LF 8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable	9.95	0.76
Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0005 LF 3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	8.92	0.76
Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0006 LF 5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	10.56	0.76
Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0007 LF 8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable	11.16	0.76
Note: Tinned copper braid, at 50 degrees F.		
23 83 13 13-0008 LF 3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions	11.15	0.76
Note: Tinned copper braid, at 50 Degrees F.		

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment****23 83 Radiant Heating Units**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 83 13	13-0009	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.43	0.76
23 83 13	13-0010	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.71	0.76
23 83 13	13-0011	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.15	0.76
23 83 13	13-0012	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.43	0.76
23 83 13	13-0013	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPR Overjacket For Protection Against Inorganic Chemical Solutions Note: Tinned copper braid, at 50 degrees F.	11.71	0.76
23 83 13	13-0014	LF	3 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 Degrees F.	13.95	0.76
23 83 13	13-0015	LF	5 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.51	0.76
23 83 13	13-0016	LF	8 Watt, 120 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.79	0.76
23 83 13	13-0017	LF	3 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	13.95	0.76
23 83 13	13-0018	LF	5 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.51	0.76
23 83 13	13-0019	LF	8 Watt, 240 Volt, Self Regulating Low Temperature Heating Cable With TPE Overjacket For Hostile/Corrosive Environments..... Note: Tinned copper braid, at 50 degrees F.	14.79	0.76
23 83 13	13-0020	EA	Power Connection Kit With Pre-set Thermostat For Self Regulating Low Temperature Heating Cable	306.38	59.86
23 83 13	13-0021	EA	Splice And Tee Kit For Self Regulating Low Temperature Heating Cable	306.38	59.86
23 83 13	13-0022	EA	End Seal Kit For Self Regulating Low Temperature Heating Cable.....	208.43	10.89
23 83 13	13-0023	EA	Ambient Air Sensing Thermostat For Self Regulating Low Temperature Heating Cable	565.58	27.21
23 83 13	13-0024	EA	Mechanical Or Electrical Line Sensing Thermostat For Self Regulating Low Temperature Heating Cable	623.65	27.21

23 84 Humidity Control Equipment ^(23 80)**23 84 13 Humidifiers** ^(23 84)**23 84 13 16 Wetted-Element Humidifiers** ^(23 84 13)

23 84 13 16-0001			Electric Steam Humidifiers, Self-Steam Producing ^(23 84 13 16) Note: Electronic modulating duct or air handling unit installation 208V-108V with 12" to 72" manifolds included.		
23 84 13 16-0002	EA		1-96 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold.....	12,670.43	441.74
23 84 13 16-0003	EA		20-168 LB/Hour Electric Steam Humidifier, Self-Steam Producing With 12-72" Manifold.....	16,086.10	442.81

23 84 13 23 Direct-Steam-Injection Humidifiers ^(23 84 13)

23 84 13 23-0001			Steam Type Pneumatically Controlled ^(23 84 13 23) Note: For duct or air handling installation standard unit with integral operator distribution manifold strainer trap and pneumatic modulating valve. Excludes humidistat and piping.		
23 84 13 23-0002	EA		3-191 LB/Hour Steam Humidifier, 24" Manifold, Pneumatic Controls	2,009.55	283.05
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	617.16	
23 84 13 23-0003	EA		3-191 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	2,009.55	283.05
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	617.16	
23 84 13 23-0004	EA		65-334 LB/Hour Steam Humidifier, 36" Manifold, Pneumatic Controls	2,908.23	283.05
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	886.76	
23 84 13 23-0005	EA		65-334 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	3,015.44	353.82
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	922.50	
23 84 13 23-0006	EA		100-690 LB/Hour Steam Humidifier, 48" Manifold, Pneumatic Controls	4,385.89	283.05
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	1,330.06	
23 84 13 23-0007	EA		100-690 LB/Hour Steam Humidifier, 84" Manifold, Pneumatic Controls	4,493.10	353.82
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	1,365.80	
23 84 13 23-0008	EA		220-2,000 LB/Hour Steam Humidifier, 72" Manifold, Pneumatic Controls	6,801.95	353.82
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	2,058.45	
23 84 13 23-0009	EA		220-2,000 LB/Hour Steam Humidifier, 144" Manifold, Pneumatic Controls	6,935.97	442.81
			<i>For Electrically Controlled Unit, Add</i>	700.00	
			<i>For Each Additional Manifold, Add</i>	2,103.13	

23 84 13 29 Self-Contained Steam Humidifiers ^(23 84 13)

23 84 13 29-0001			Residential Humidifiers ^(23 84 13 29) Note: Includes solenoid valve and flow through water supply.		
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
23 84 13 29-0002 EA Duct Or Furnace Mounted Humidifier, Residential Type.....	569.65	53.61
23 84 16 Mechanical Dehumidification Units (23 84)		
23 84 16 16 Indoor, Mechanical Dehumidification Units (23 84 16)		
23 84 16 16-0001 Mechanical Dehumidification Units (23 84 16 16) Note: Sized by moisture removal per 24 hours.		
23 84 16 16-0002 EA 65 Pint Per Day, 160 CFM, 8" Duct Connection, Refrigerant Dehumidifier.....	2,309.72	76.08
23 84 16 16-0003 EA 90 Pint Per Day, 235 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	2,902.56	88.76
23 84 16 16-0004 EA 120 Pint Per Day, 350 CFM, 10"/6" Duct Connection, Refrigerant Dehumidifier	3,882.14	101.45
23 84 16 33 Portable Dehumidifiers (23 84 16)		
23 84 16 33-0001 Self Contained Free Standing Unit (23 84 16 33) Note: Sized by moisture removal per 24 hours.		
23 84 16 33-0002 EA 30 Pint/24 Hour Dehumidifier.....	562.26	164.59
23 84 16 33-0003 EA 50 Pint/24 Hour Dehumidifier.....	667.10	164.59
23 84 16 33-0004 EA 70 Pint/24 Hour Dehumidifier.....	730.00	164.59

END OF SECTION 23

23 Heating, Ventilating, and Air-Conditioning (HVAC)**23 80 Decentralized Unitary HVAC Equipment**

23 84 Humidity Control Equipment

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**THIS PAGE INTENTIONALLY LEFT BLANK**

Integrated Automation	25	25
Integrated Automation Facility Controls	25 50	
Integrated Automation Control of HVAC	25 55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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25 Integrated Automation

25 50 Integrated Automation Facility Controls (25)

25 55 Integrated Automation Control of HVAC (25 50)

See CSI section 23 09 00 00-0000 for Instrumentation And Control For HVAC.

END OF SECTION 25

25 Integrated Automation

25 50 Integrated Automation Facility Controls

25 55 Integrated Automation Control of HVAC

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 Electrical

Note: Termination costs are included with all electrical equipment, panel boards, fixtures and devices. Terminations are not included with patch panels. Electrical equipment and lighting shall conform to California Title 24.

26 01 Operation and Maintenance of Electrical Systems ⁽²⁶⁾

26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution ^(26 01)

26 01 10 91 Medium-Voltage Electrical Distribution Restoration ^(26 01 10)

26 01 10 91-0001	Retrofit Distribution Enclosures ^(26 01 10 91) Note: Includes removal of equipment housing, punch or drill hole for window, touch-up area, and reinstallation of equipment housing.		
26 01 10 91-0002	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-2C)	527.64	
	Note: 2mm thick, aluminum frame, hinged cover.		
	For Up To 20, Add		115.13
	For >20 To 50, Add		92.10
	For >50 To 100, Add		46.05
26 01 10 91-0003	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-3C)	692.69	
	Note: 2mm thick, aluminum frame, hinged cover.		
	For Up To 20, Add		156.39
	For >20 To 50, Add		125.11
	For >50 To 100, Add		62.56
26 01 10 91-0004	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Flir IRW-4C)	1,055.82	
	Note: 4mm thick, aluminum frame, hinged cover.		
	For Up To 20, Add		247.17
	For >20 To 50, Add		197.74
	For >50 To 100, Add		98.87
26 01 10 91-0005	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 1 Rated (Fluke CLKTO)	522.93	
	Note: 2mm thick, aluminum frame, twist cover.		
	For Up To 20, Add		113.95
	For >20 To 50, Add		91.16
	For >50 To 100, Add		45.58
26 01 10 91-0006	EA 2" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-2)	525.84	
	Note: 2mm thick, aluminum frame, twist cover.		
	For Up To 20, Add		114.68
	For >20 To 50, Add		91.74
	For >50 To 100, Add		45.87
26 01 10 91-0007	EA 3" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-3)	679.25	
	Note: 2mm thick, aluminum frame, twist cover.		
	For Up To 20, Add		153.03
	For >20 To 50, Add		122.42
	For >50 To 100, Add		61.21
26 01 10 91-0008	EA 4" Infrared Window Installed In Medium Voltage Equipment, NEMA Type 3/12 Rated (Fluke CLKT-4)	1,025.97	
	Note: 4mm thick, aluminum frame, twist cover.		
	For Up To 20, Add		239.71
	For >20 To 50, Add		191.77
	For >50 To 100, Add		95.88
26 01 10 91-0009	EA 2" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR)	408.80	
	Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
	For Up To 20, Add		85.42
	For >20 To 50, Add		68.33
	For >50 To 100, Add		34.17
26 01 10 91-0010	EA 3" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR)	587.06	
	Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
	For Up To 20, Add		129.98
	For >20 To 50, Add		103.99
	For >50 To 100, Add		51.99
26 01 10 91-0011	EA 4" Infrared Window Pane Installed In Medium Voltage Equipment, NEMA Type 4 Rated (Schneider Electric VVPR)	847.02	
	Note: 0.25mm thick, composite frame, metal grille reinforced polymer.		
	For Up To 20, Add		194.97
	For >20 To 50, Add		155.98
	For >50 To 100, Add		77.99
26 01 10 91-0012	EA 2" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	769.88	
	Note: 4mm thick, aluminum frame, magnetic cover.		
	For Up To 20, Add		175.69
	For >20 To 50, Add		140.55
	For >50 To 100, Add		70.28
26 01 10 91-0013	EA 3" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR)	1,068.13	
	Note: 4mm thick, aluminum frame, magnetic cover.		
	For Up To 20, Add		250.25
	For >20 To 50, Add		200.20
	For >50 To 100, Add		100.10

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 10 Operation and Maintenance of Medium-Voltage Electrical Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 10 91-0014 EA 4" Infrared Window Installed In Medium Voltage Equipment, Longwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) 1,979.05 Note: 4mm thick, aluminum frame, magnetic cover. For Up To 20, Add 477.98 For >20 To 50, Add 382.38 For >50 To 100, Add 191.19		
26 01 10 91-0015 EA 3" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) 888.43 Note: 4mm thick, aluminum frame, magnetic cover. For Up To 20, Add 205.33 For >20 To 50, Add 164.26 For >50 To 100, Add 82.13		
26 01 10 91-0016 EA 4" Infrared Window Installed In Medium Voltage Equipment, Shortwave, NEMA Type 4 Rated (Schneider Electric IRHVIR) 1,320.26 Note: 4mm thick, aluminum frame, magnetic cover. For Up To 20, Add 313.28 For >20 To 50, Add 250.63 For >50 To 100, Add 125.31		

26 01 20 Operation and Maintenance of Low-Voltage Electrical Distribution ^(26 01)

26 01 20 91 Low-Voltage Electrical Distribution Restoration ^(26 01 20)

26 01 20 91-0001 Lock Out/Tag Out Devices ^(26 01 20 91) Note: Includes following OSHA procedures and completing Owner's paperwork. Excludes circuit tracing.		
26 01 20 91-0002 EA Lock Out/Tag Out Local Disconnect 39.18 Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).		
26 01 20 91-0003 EA Lock Out/Tag Out Breaker Or Motor Starter 39.18 Note: Excludes tag or padlock See CSI section 26 01 20 91-0004 for padlock, 26 01 20 91-0005 for tag(s).		
26 01 20 91-0004 EA Lock Out Padlock Device 10.89 Note: Includes the installation and removal of pad lock when required		
26 01 20 91-0005 EA Lock Out Tags 4.81 Note: Includes filling out tag information, installation and removal of identifying tags.		
26 01 20 91-0006 Existing Circuit Tracing ^(26 01 20 91)		
26 01 20 91-0007 EA Motors, Disconnects And Other Single Source Devices, Existing Circuit Tracing Per Device 22.64		
26 01 20 91-0008 EA Lighting, Existing Circuit Tracing Per Circuit 22.64		

26 01 26 Maintenance Testing of Electrical Systems ^(26 01)

26 01 26 00-0001 NETA Electrical Maintenance Testing ^(26 01 26)		
26 01 26 00-0002 EA 600 Volt Cable Insulation NETA Electrical Maintenance Testing Per Conductor 350.00		
26 01 26 00-0003 EA NETA Field Maintenance Testing Of Aged Medium Voltage (5 KV - 15 KV) Cables, Per Cable 466.67 Note: Provide test equipment, labor, and technical personnel as necessary to perform the electrical maintenance tests. Perform Full Dielectric-Absorption (Megger) test, DC High Potential test and provide "Final Test Report".		
26 01 26 00-0004 EA Panel Board NETA Electrical Maintenance Testing 350.00 Note: Excludes metering and CT's.		
26 01 26 00-0005 EA Primary Injection Breaker NETA Electrical Maintenance Testing 525.00 Note: Includes setting breaker 3 phase from 400 amperes to 1,200 amperes.		
26 01 26 00-0006 EA Primary Injection Breaker NETA Electrical Maintenance Testing 700.00 Note: Includes setting breaker 3 phase from 1,200 amperes to 2,000 amperes.		
26 01 26 00-0007 EA Primary And Secondary Injection Low Voltage Air Circuit Breaker NETA Electrical Maintenance Testing 1,050.00 Note: Includes CT ratio test to include setting breaker 3 phase 400A to 2000A. Excludes breaker removal from gear.		
26 01 26 00-0008 EA Single, Primary And Secondary Acceptance Test, 400 Amperes Circuit Breaker NETA Electrical Maintenance Testing 700.00 Note: Includes CT ratio test to include setting breaker 3 phase 400 Amperes to 2000 Amperes. Excludes breaker removal from gear.		
26 01 26 00-0009 EA 2 To 3, Primary And Secondary Acceptance Test, 400 Amperes Circuit Breaker NETA Electrical Maintenance Testing 437.50 Note: Includes CT ratio test to include setting breaker 3 phase 400 Amperes to 2,000 Amperes. Excludes breaker removal from gear.		
26 01 26 00-0010 EA 4 Or More, Primary And Secondary Acceptance Test, 400 Amperes Circuit Breaker NETA Electrical Maintenance Testing 306.25 Note: Includes CT ratio test to include setting breaker 3 phase 400 Amperes to 2000 Amperes. Excludes breaker removal from gear.		
26 01 26 00-0011 TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers ^(26 01 26) Note: Includes all required small tools and equipment. Use other MRO tasks required to remove equipment cover.		
26 01 26 00-0012 TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers, Not Connected ^(26 01 26 00-0011)		
26 01 26 00-0013 EA TTR Or Meggar Maintenance Testing Of Up To 15 KVA, Single Phase Transformer, Not Connected 27.16		
26 01 26 00-0014 EA TTR Or Meggar Maintenance Testing Of >15 To 50 KVA, Single Phase Transformer, Not Connected 45.26		
26 01 26 00-0015 EA TTR Or Meggar Maintenance Testing Of 75 KVA, Single Phase Transformer, Not Connected 63.37		
26 01 26 00-0016 EA TTR Or Meggar Maintenance Testing Of 100 KVA, Single Phase Transformer, Not Connected 81.47		
26 01 26 00-0017 EA TTR Or Meggar Maintenance Testing Of 150 KVA, Single Phase Transformer, Not Connected 99.58		
26 01 26 00-0018 EA TTR Or Meggar Maintenance Testing Of 167 KVA, Single Phase Transformer, Not Connected 117.68		
26 01 26 00-0019 EA TTR Or Meggar Maintenance Testing Of 200 KVA, Single Phase Transformer, Not Connected 126.73		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 26 00-0020 EA TTR Or Megger Maintenance Testing Of 250 KVA, Single Phase Transformer, Not Connected	135.78	
26 01 26 00-0021 EA TTR Or Megger Maintenance Testing Of Up To 15 KVA, Three Phase Transformer, Not Connected	45.26	
26 01 26 00-0022 EA TTR Or Megger Maintenance Testing Of >15 To 45 KVA, Three Phase Transformer, Not Connected	63.37	
26 01 26 00-0023 EA TTR Or Megger Maintenance Testing Of 75 KVA, Three Phase Transformer, Not Connected	81.47	
26 01 26 00-0024 EA TTR Or Megger Maintenance Testing Of 112.5 KVA, Three Phase Transformer, Not Connected	90.52	
26 01 26 00-0025 EA TTR Or Megger Maintenance Testing Of 150 KVA, Three Phase Transformer, Not Connected	126.73	
26 01 26 00-0026 EA TTR Or Megger Maintenance Testing Of 225 KVA, Three Phase Transformer, Not Connected	144.84	
26 01 26 00-0027 EA TTR Or Megger Maintenance Testing Of 300 KVA, Three Phase Transformer, Not Connected	162.94	
26 01 26 00-0028 TTR Maintenance Testing Or Meggar Maintenance Testing of Transformers, Connected <small>(26 01 26 00-0011)</small>		
26 01 26 00-0029 EA TTR Or Megger Maintenance Testing Of Up To 15 KVA, Single Phase Transformer, Connected	45.26	
26 01 26 00-0030 EA TTR Or Megger Maintenance Testing Of >15 To 50 KVA, Single Phase Transformer, Connected	63.37	
26 01 26 00-0031 EA TTR Or Megger Maintenance Testing Of 75 KVA, Single Phase Transformer, Connected	72.42	
26 01 26 00-0032 EA TTR Or Megger Maintenance Testing Of 100 KVA, Single Phase Transformer, Connected	90.52	
26 01 26 00-0033 EA TTR Or Megger Maintenance Testing Of 150 KVA, Single Phase Transformer, Connected	126.73	
26 01 26 00-0034 EA TTR Or Megger Maintenance Testing Of 167 KVA, Single Phase Transformer, Connected	153.89	
26 01 26 00-0035 EA TTR Or Megger Maintenance Testing Of 200 KVA, Single Phase Transformer, Connected	162.94	
26 01 26 00-0036 EA TTR Or Megger Maintenance Testing Of 250 KVA, Single Phase Transformer, Connected	171.99	
26 01 26 00-0037 EA TTR Or Megger Maintenance Testing Of Up To 15 KVA, Three Phase Transformer, Connected	63.37	
26 01 26 00-0038 EA TTR Or Megger Maintenance Testing Of >15 To 45 KVA, Three Phase Transformer, Connected	81.47	
26 01 26 00-0039 EA TTR Or Megger Maintenance Testing Of 75 KVA, Three Phase Transformer, Connected	108.63	
26 01 26 00-0040 EA TTR Or Megger Maintenance Testing Of 112.5 KVA, Three Phase Transformer, Connected	144.84	
26 01 26 00-0041 EA TTR Or Megger Maintenance Testing Of 150 KVA, Three Phase Transformer, Connected	162.94	
26 01 26 00-0042 EA TTR Or Megger Maintenance Testing Of 225 KVA, Three Phase Transformer, Connected	190.10	
26 01 26 00-0043 EA TTR Or Megger Maintenance Testing Of 300 KVA, Three Phase Transformer, Connected	244.41	
26 01 30 Operation and Maintenance of Facility Electrical Power Generating and Storing Equipment <small>(26 01)</small>		
26 01 30 91 Facility Electrical Power Generating and Storing Equipment Restoration <small>(26 01 30)</small>		
26 01 30 91-0001 Emergency Generator Permits <small>(26 01 30 91)</small>		
26 01 30 91-0002 Air Pollution Control Board <small>(26 01 30 91-0001)</small>		
26 01 30 91-0003 EA APCD Permit To Construct And Operate Emergency Generator	4,794.32	
26 01 50 Operation and Maintenance of Lighting <small>(26 01)</small>		
26 01 50 51 Luminaire Relamping <small>(26 01 50)</small>		
26 01 50 51-0001 Replace Lamps In Existing Fixtures <small>(26 01 50 51)</small>		
Note: Includes removal of existing lamp from fixture and installation of new lamp. Excludes disposal of hazardous lamps.		
26 01 50 51-0002 Halogen Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0003 EA 300 Watt, T3, Tungsten Halogen Lamp	45.51	
26 01 50 51-0004 EA 500 Watt, T3, Tungsten Halogen Lamp	58.46	
26 01 50 51-0005 EA 1,000 Watt, T3, Tungsten Halogen Lamp	86.95	
26 01 50 51-0006 EA 60 Watt, PAR38, Halogen Lamp	22.89	
26 01 50 51-0007 EA 75 Watt, PAR38, Halogen Lamp	22.89	
26 01 50 51-0008 EA 90 Watt, PAR38, Halogen Lamp	21.74	
26 01 50 51-0009 EA 100 Watt, PAR38, Halogen Lamp	21.74	
26 01 50 51-0010 EA 60 Watt, PAR38, Halogen IR Reflective Lamp	35.32	
26 01 50 51-0011 EA 67 Watt, PAR38, Halogen IR Reflective Lamp	38.98	
26 01 50 51-0012 EA 70 Watt, PAR38, Halogen IR Reflective Lamp	38.03	
26 01 50 51-0013 EA 90 Watt, PAR38, Halogen IR Reflective Lamp	40.83	
26 01 50 51-0014 EA 100 Watt, PAR38, Halogen IR Reflective Lamp	41.42	
26 01 50 51-0015 EA 12 Watt, 10 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-65-B01-12-830-10)	20.24	
26 01 50 51-0016 EA 12 Watt, 20 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-20)	20.24	
26 01 50 51-0017 EA 12 Watt, 25 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-25)	22.15	
26 01 50 51-0018 EA 12 Watt, 36 Degree Beam, Base B01, Halogen Lamp (Soraa MR16-75-B01-12-830-36)	22.15	
26 01 50 51-0019 Incandescent Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0020 EA 100 Watt, Frosted, Interior Incandescent Lamp	6.17	
<i>For Multiple Lamps In Fixture, Deduct</i>		
26 01 50 51-0021 EA 150 Watt, Frosted, Interior Incandescent Lamp	7.62	
<i>For Multiple Lamps In Fixture, Deduct</i>		
26 01 50 51-0022 EA 200 Watt, Frosted, Interior Incandescent Lamp	9.27	
<i>For Multiple Lamps In Fixture, Deduct</i>		
26 01 50 51-0023 EA 300 Watt, PS25, Interior Incandescent Lamp	11.33	
<i>For Multiple Lamps In Fixture, Deduct</i>		
26 01 50 51-0024 EA 60 Watt, G25, Clear, Interior Incandescent Lamp	8.55	
<i>For Multiple Lamps In Fixture, Deduct</i>		
26 01 50 51-0025 EA 75 Watt, R20, Interior Incandescent Lamp	13.46	
<i>For Multiple Lamps In Fixture, Deduct</i>		
26 01 50 51-0026 EA 75 Watt, PAR38, Exterior Incandescent Lamp	16.35	
<i>For Multiple Lamps In Fixture, Deduct</i>		

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0027	EA		100 Watt, PAR38, Exterior Incandescent Lamp.....	15.20	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.16	
26 01 50 51-0028	EA		150 Watt, PAR38, Exterior Incandescent Lamp.....	26.16	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.16	
26 01 50 51-0029	EA		250 Watt, PAR38, Exterior Incandescent Lamp.....	53.82	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.52	
26 01 50 51-0030	EA		300 Watt, PAR56, Exterior Incandescent Lamp.....	61.87	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.52	
26 01 50 51-0031			Exit Light Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0032	EA		Convert Exit Light Lamps To Red LED Lamps	102.57	
			<i>For Green LED Lamps, Add</i>	25.00	
26 01 50 51-0033	EA		Fluorescent Lamp For Exit Light	29.09	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-7.20	
26 01 50 51-0034	EA		Lamp Replacement For Emergency Lights On Exit Sign	37.17	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.60	
26 01 50 51-0035			Fluorescent Lamps <small>(26 01 50 51-0001)</small>		
26 01 50 51-0036	EA		18", 15 Watt, T8 Fluorescent Lamp	11.73	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0037	EA		2', 17 Watt, T8 Fluorescent Lamp	14.32	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0038	EA		3', 25 Watt, T8 Fluorescent Lamp	16.47	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0039	EA		4', 28 Watt, Rapid Start T8 Fluorescent Lamp	16.29	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0040	EA		4', 32 Watt, T8 Fluorescent Lamp	16.45	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0041	EA		4', 30 Watt, T8 Fluorescent Lamp	20.94	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0042	EA		4', 28 Watt, T8 Fluorescent Lamp	18.22	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0043	EA		4', 25 Watt, T8 Fluorescent Lamp	18.11	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0044	EA		4', 44 Watt, T8HO Fluorescent Lamp	29.83	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0045	EA		8', 59 Watt, T8 Fluorescent Lamp	22.47	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0046	EA		18", 15 Watt, T12 Fluorescent Lamp	18.25	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0047	EA		2', 20 Watt, T12 Fluorescent Lamp	13.58	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0048	EA		3', 30 Watt, T12 Fluorescent Lamp	15.24	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0049	EA		4', 34 Watt, T12 Fluorescent Lamp	15.33	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0050	EA		4', 40 Watt, T12 Fluorescent Lamp	14.99	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0051	EA		8', 60 Watt, T12 Fluorescent Lamp	23.07	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0052	EA		8', 75 Watt, T12 Fluorescent Lamp	19.30	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0053	EA		8', 95 Watt, Instant Start T12 Fluorescent Lamp	34.05	
26 01 50 51-0054	EA		6" Diameter, 20 Watt, Circular T9 Fluorescent Lamp	18.49	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0055	EA		8" Diameter, 22 Watt, Circular T9 Fluorescent Lamp	15.02	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0056	EA		12" Diameter, 32 Watt, Circular T9 Fluorescent Lamp	14.49	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0057	EA		16" Diameter, 40 Watt, Circular T9 Fluorescent Lamp	16.15	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0058	EA		32 Watt, Rapid Start, U-Shaped T8 Fluorescent Lamp	27.12	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.60	
26 01 50 51-0059	EA		40 Watt, Rapid Start, U-Shaped T12 Fluorescent Lamp	26.10	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.60	
26 01 50 51-0060	EA		6", 4 Watt, T5 Fluorescent Lamp	13.13	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0061	EA		9", 6 Watt, T5 Fluorescent Lamp	12.90	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0062	EA		12", 8 Watt, T5 Fluorescent Lamp	13.34	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0063	EA		21", 13 Watt, T5 Fluorescent Lamp	14.00	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0064	EA		24", 14 Watt, T5 Fluorescent Lamp	16.30	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0065	EA		34", 21 Watt, T5 Fluorescent Lamp	17.69	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0066	EA		46", 28 Watt, T5 Fluorescent Lamp	17.09	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0067	EA		46", 54 Watt, T5HO Fluorescent Lamp	18.81	
			<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0068	EA		46", 54 Watt T5 Fluorescent Lamp	15.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0069 EA 5-13 Watt, 2-Pin Compact Fluorescent Lamp.....	10.56	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.80	
26 01 50 51-0070 EA 9-26 Watt, 4-Pin Compact Fluorescent Lamp.....	11.75	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.80	
26 01 50 51-0071 EA 27-55 Watt, 4-Pin Compact Fluorescent Lamp.....	24.87	
<i>For Multiple Lamps In Fixture, Deduct</i>	-1.80	
26 01 50 51-0072 EA Compact Fluorescent 13 Watt, 4-Pin Lamps CF13DD/E/827, Dulux.....	32.23	
26 01 50 51-0073 EA Compact Fluorescent 18 Watt, 4-Pin Lamps CF18DD/E/827, Dulux.....	32.23	
26 01 50 51-0074 EA 32 Watt 2D (DoubleD) Fluorescent Lamp, 4-Pin.....	62.12	
26 01 50 51-0075 EA 26 Watt (1,600 Lumens) 4-pin Quad Tube PL Lamp.....	22.09	
26 01 50 51-0076 EA <9 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	11.06	
26 01 50 51-0077 EA 9 To 27 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	9.44	
26 01 50 51-0078 EA 29 To 32 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	9.94	
26 01 50 51-0079 EA 33 To 42 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	43.42	
26 01 50 51-0080 EA 43 To 65 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	47.44	
26 01 50 51-0081 EA 85 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	91.06	
26 01 50 51-0082 EA 105 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	109.23	
26 01 50 51-0083 EA 200 Watt, Screw-In, Spiral Compact Fluorescent Lamps.....	112.93	
26 01 50 51-0084 EA 11 Watt, Screw-In, Compact Fluorescent Reflector Lamps.....	40.29	
26 01 50 51-0085 EA 15 Watt, Screw-In, Compact Fluorescent Reflector Lamps.....	42.07	
26 01 50 51-0086 EA 20 To 28 Watt, Screw-In, Compact Fluorescent Reflector Lamps.....	48.73	
26 01 50 51-0087 Metal Halide Lamps (26 01 50 51-0001)		
26 01 50 51-0088 EA 50 Watt, Pulse Start Metal Halide Lamp.....	46.92	
26 01 50 51-0089 EA 70 Watt, Pulse Start Metal Halide Lamp.....	44.80	
26 01 50 51-0090 EA 100 Watt, Pulse Start Metal Halide Lamp.....	51.50	
26 01 50 51-0091 EA 150 Watt, Pulse Start Metal Halide Lamp.....	49.98	
26 01 50 51-0092 EA 175 Watt, Pulse Start Metal Halide Lamp.....	49.54	
26 01 50 51-0093 EA 250 Watt, Pulse Start Metal Halide Lamp.....	49.84	
26 01 50 51-0094 EA 400 Watt, Pulse Start Metal Halide Lamp.....	60.53	
26 01 50 51-0095 EA 1,000 Watt, Pulse Start Metal Halide Lamp.....	70.78	
26 01 50 51-0096 EA 1,500 Watt, Pulse Start Metal Halide Lamp.....	70.36	
26 01 50 51-0097 High Pressure Sodium Lamps (26 01 50 51-0001)		
26 01 50 51-0098 EA 35 Watt, High Pressure Sodium Lamp.....	38.28	
<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.77	
26 01 50 51-0099 EA 50 Watt, High Pressure Sodium Lamp.....	38.28	
<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.77	
26 01 50 51-0100 EA 70 Watt, High Pressure Sodium Lamp.....	39.19	
<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.77	
26 01 50 51-0101 EA 100 Watt, High Pressure Sodium Lamp.....	40.93	
<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.77	
26 01 50 51-0102 EA 150 Watt, High Pressure Sodium Lamp.....	39.19	
<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.77	
26 01 50 51-0103 EA 250 Watt, High Pressure Sodium Lamp.....	39.19	
<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.77	
26 01 50 51-0104 EA 400 Watt, High Pressure Sodium Lamp.....	36.60	
<i>For Enclosed And Gasket Light Fixtures, Add</i>	2.77	
26 01 50 51-0105 EA 1,000 Watt, High Pressure Sodium Lamp.....	87.72	
26 01 50 51-0106 Low Pressure Sodium Lamps (26 01 50 51-0001)		
26 01 50 51-0107 EA 35 Watt, Low Pressure Sodium Lamp.....	101.24	
26 01 50 51-0108 EA 55 Watt, Low Pressure Sodium Lamp.....	113.26	
26 01 50 51-0109 EA 70 Watt, Low Pressure Sodium Lamp.....	115.97	
26 01 50 51-0110 EA 90 Watt, Low Pressure Sodium Lamp.....	118.67	
26 01 50 51-0111 EA 135 Watt, Low Pressure Sodium Lamp.....	129.51	
26 01 50 51-0112 EA 180 Watt, Low Pressure Sodium Lamp.....	178.25	
26 01 50 51-0113 LED Lamps (26 01 50 51-0001)		
26 01 50 51-0114 LED Lamps, Candelabra Base, CA10 (26 01 50 51-0113)		
26 01 50 51-0115 EA 3 Watt (25 Watt Incandescent Equivalent), Candelabra Base, CA10, Dimmable LED Lamp (Energy Star).....	15.35	
26 01 50 51-0116 LED Lamps, Medium Base, A19 Or A21 (26 01 50 51-0113)		
26 01 50 51-0117 EA 6 Watt (40 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star).....	20.61	
26 01 50 51-0118 EA 11 Watt (60 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star).....	20.61	
26 01 50 51-0119 EA 14 Watt (75 Watt Incandescent Equivalent), Medium Base, A19, Dimmable LED Lamp (Energy Star).....	34.73	
26 01 50 51-0120 EA 17 Watt (75 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star).....	24.18	
26 01 50 51-0121 EA 18 Watt (100 Watt Incandescent Equivalent), Medium Base, A21, Dimmable LED Lamp (Energy Star).....	43.55	
26 01 50 51-0122 EA 16.5 Watt, Medium Base, A21 LED Lamp (Green Creative 58239 16.5A21/840/277V).....	47.17	
<i>For >25 To 50, Deduct</i>	-2.36	
<i>For >50 To 100, Deduct</i>	-3.86	
<i>For >100, Deduct</i>	-6.02	
26 01 50 51-0123 EA 14 Watt, Medium Base, A19, LED Lamp (Sylvania LED14A19/F/835/10YV/RP).....	15.81	
<i>For >25 To 50, Deduct</i>	-0.79	
<i>For >50 To 100, Deduct</i>	-1.35	
<i>For >100, Deduct</i>	-2.24	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0124	EA		16.5 Watt, Medium Base, A21, LED Lamp (GreenCreative 16.5A21/840/277V/R).....	34.77	
			<i>For >25 To 50, Deduct</i>	-1.74	
			<i>For >50 To 100, Deduct</i>	-2.77	
			<i>For >100, Deduct</i>	-4.13	
26 01 50 51-0125			LED Lamps, Medium Base, BR30 Or BR40 <small>(26 01 50 51-0113)</small>		
26 01 50 51-0126	EA		9.5 Watt (65 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star).....	27.78	
26 01 50 51-0127	EA		14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR30, Dimmable LED Lamp (Energy Star).....	24.80	
26 01 50 51-0128	EA		11 Watt (65 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	32.72	
26 01 50 51-0129	EA		14.5 Watt (75 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	27.45	
26 01 50 51-0130	EA		14 Watt (85 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	36.25	
26 01 50 51-0131	EA		18 Watt (90 Watt Incandescent Equivalent), Medium Base, BR40, Dimmable LED Lamp (Energy Star).....	27.45	
26 01 50 51-0132			LED Lamps, Medium Base, PAR <small>(26 01 50 51-0113)</small>		
26 01 50 51-0133	EA		7 Watt (45 Watt Halogen Equivalent), Medium Base, PAR20, Dimmable LED Lamp (Energy Star).....	30.60	
26 01 50 51-0134	EA		12 Watt (60 Watt Halogen Equivalent), Medium Base, Short Neck Par30, Dimmable LED Lamp (Energy Star).....	41.56	
26 01 50 51-0135	EA		16.3 Watt (65 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	41.56	
26 01 50 51-0136	EA		15.6 Watt (70 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	39.80	
26 01 50 51-0137	EA		12 Watt (50 Watt Halogen Equivalent), Medium Base, Short Neck PAR30, Dimmable LED Lamp (Energy Star).....	38.03	
26 01 50 51-0138	EA		15 Watt (75 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star).....	38.03	
26 01 50 51-0139	EA		18 Watt (90 Watt Halogen Equivalent), Medium Base, Long Neck PAR30, Dimmable LED Lamp (Energy Star).....	73.67	
26 01 50 51-0140	EA		15 Watt (75 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	41.56	
26 01 50 51-0141	EA		18 Watt (90 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	39.80	
26 01 50 51-0142	EA		19 Watt (120 Watt Halogen Equivalent), Medium Base, Par38, Dimmable LED Lamp (Energy Star).....	41.56	
26 01 50 51-0143	EA		24 Watt (120 Watt Halogen Equivalent), Medium Base, PAR38, Dimmable LED Lamp (Energy Star).....	41.56	
26 01 50 51-0144			LED Lamps, GU Base, MR16 <small>(26 01 50 51-0113)</small>		
26 01 50 51-0145	EA		4 Watt (20 Watt Halogen Equivalent), GU5.3 Base, MR16, LED Lamp (Energy Star).....	21.27	
26 01 50 51-0146	EA		6 Watt (30 Watt Halogen Equivalent), GU10 Base, MR16, Dimmable LED Lamp (Energy Star).....	27.78	
26 01 50 51-0147	EA		8 Watt (50 Watt Halogen Equivalent), GU5.3 Base, MR16, Dimmable LED Lamp (Energy Star).....	30.60	
26 01 50 51-0148			LED Lamps, PL Series <small>(26 01 50 51-0113)</small>		
26 01 50 51-0149	EA		3.5 Watt, 2-Pin CFL G23 Base, Hybrid Lamp (GreenCreative PLS 3.5 HYB G23).....	14.87	
26 01 50 51-0150	EA		26 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/827/DIR).....	19.77	
26 01 50 51-0151	EA		26 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/830/DIR).....	16.92	
26 01 50 51-0152	EA		26 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/835/DIR).....	18.70	
26 01 50 51-0153	EA		26 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 9.5PLH/840/DIR).....	18.70	
26 01 50 51-0154	EA		26 Watt, 3000K CCT, High CRI, PL EDGE DiRect Series (Green Creative 10.5PLH/930/DIR).....	21.91	
26 01 50 51-0155	EA		13-18 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/827/DIR).....	18.70	
26 01 50 51-0156	EA		13-18 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/830/DIR).....	18.70	
26 01 50 51-0157	EA		13-18 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/835/DIR).....	18.70	
26 01 50 51-0158	EA		13-18 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 5.5PLH/840/DIR).....	18.70	
26 01 50 51-0159	EA		26 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 10PLV/827/DIR).....	20.84	
26 01 50 51-0160	EA		26 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 10PLV/830/DIR).....	20.84	
26 01 50 51-0161	EA		26 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 10PLV/835/DIR).....	20.84	
26 01 50 51-0162	EA		26 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 10PLV/840/DIR).....	20.84	
26 01 50 51-0163	EA		26 Watt, 3000K CCT, High CRI, PL EDGE DiRect Series (Green Creative 11PLV/930/DIR).....	19.77	
26 01 50 51-0164	EA		13-18 Watt, 2700K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/827/DIR).....	19.77	
26 01 50 51-0165	EA		13-18 Watt, 3000K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/830/DIR).....	19.77	
26 01 50 51-0166	EA		13-18 Watt, 3500K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/835/DIR).....	20.49	
26 01 50 51-0167	EA		13-18 Watt, 4000K CCT, PL EDGE DiRect Series (Green Creative 6.5PLV/840/DIR).....	20.49	
26 01 50 51-0168	EA		26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/827/BYP).....	20.64	
26 01 50 51-0169	EA		26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/830/BYP).....	20.64	
26 01 50 51-0170	EA		26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/835/BYP).....	20.64	
26 01 50 51-0171	EA		26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 10.5PLH/840/BYP).....	20.64	
26 01 50 51-0172	EA		13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP).....	21.20	
26 01 50 51-0173	EA		13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP).....	21.20	
26 01 50 51-0174	EA		13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/E26).....	21.20	
26 01 50 51-0175	EA		13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/E26).....	21.20	
26 01 50 51-0176	EA		13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/E26).....	21.20	
26 01 50 51-0177	EA		13 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/830/BYP/GU24).....	21.20	
26 01 50 51-0178	EA		13 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 6PLH/835/BYP/GU24).....	21.20	
26 01 50 51-0179	EA		13 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 6PLH/840/BYP/GU24).....	21.20	
26 01 50 51-0180	EA		26 Watt, 2700K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/827/BYP).....	26.78	
26 01 50 51-0181	EA		26 Watt, 3000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/830/BYP).....	26.78	
26 01 50 51-0182	EA		26 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/835/BYP).....	26.78	
26 01 50 51-0183	EA		26 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 11.5PLV/840/BYP).....	25.49	
26 01 50 51-0184	EA		13-18 Watt, 3500K CCT, PL EDGE BYPass Series (Green Creative 7PLV/835/BYP).....	25.49	
26 01 50 51-0185	EA		13-18 Watt, 4000K CCT, PL EDGE BYPass Series (Green Creative 7PLV/840/BYP).....	25.49	
26 01 50 51-0186	EA		4 Pin, 6 Watt, 560 Lumens 4000K CCT, Horizontal Mount LED PL Lamp (Green Creative 57898).....	25.12	
26 01 50 51-0187			HID LED Lamps, Medium Base E26 <small>(26 01 50 51-0113)</small>		
26 01 50 51-0188	EA		27 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/840/277V/E26).....	50.12	
26 01 50 51-0189	EA		27 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 27HID/850/277V/E26).....	50.12	
26 01 50 51-0190	EA		45 Watt, 4000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/840/277V/E26).....	63.33	
26 01 50 51-0191	EA		45 Watt, 5000K CCT, Medium Base E26, LED Lamp (Green Creative 45HID/850/277V/E26).....	63.33	
26 01 50 51-0192	EA		10 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-3026).....	44.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0193 EA 10 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-4026)	44.54	
26 01 50 51-0194 EA 10 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-5026)	44.54	
26 01 50 51-0195 EA 10 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED10-6026)	44.54	
26 01 50 51-0196 EA 15 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-3026)	45.97	
26 01 50 51-0197 EA 15 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-4026)	45.97	
26 01 50 51-0198 EA 15 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-5026)	45.97	
26 01 50 51-0199 EA 15 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED15-6026)	45.97	
26 01 50 51-0200 EA 20 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-3026)	51.68	
26 01 50 51-0201 EA 20 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-4026)	51.68	
26 01 50 51-0202 EA 20 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-5026)	51.68	
26 01 50 51-0203 EA 20 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED20-6026)	51.68	
26 01 50 51-0204 EA 25 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-3026)	58.82	
26 01 50 51-0205 EA 25 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-4026)	58.82	
26 01 50 51-0206 EA 25 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-5026)	58.82	
26 01 50 51-0207 EA 25 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED25-6026)	58.82	
26 01 50 51-0208 EA 30 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-3026)	74.53	
26 01 50 51-0209 EA 30 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-4026)	74.53	
26 01 50 51-0210 EA 30 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-5026)	74.53	
26 01 50 51-0211 EA 30 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED30-6026)	74.53	
26 01 50 51-0212 EA 40 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-3026)	88.10	
26 01 50 51-0213 EA 40 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-4026)	88.10	
26 01 50 51-0214 EA 40 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-5026)	88.10	
26 01 50 51-0215 EA 40 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED40-6026)	88.10	
26 01 50 51-0216 EA 60 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-3026)	97.38	
26 01 50 51-0217 EA 60 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-4026)	97.38	
26 01 50 51-0218 EA 60 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-5026)	97.38	
26 01 50 51-0219 EA 60 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED60-6026)	97.38	
26 01 50 51-0220 EA 80 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-3026)	130.94	
26 01 50 51-0221 EA 80 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-4026)	130.94	
26 01 50 51-0222 EA 80 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-5026)	130.94	
26 01 50 51-0223 EA 80 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED80-6026)	130.94	
26 01 50 51-0224 EA 100 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-3026)	135.22	
26 01 50 51-0225 EA 100 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-4026)	135.22	
26 01 50 51-0226 EA 100 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-5026)	135.22	
26 01 50 51-0227 EA 100 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED100-6026)	135.22	
26 01 50 51-0228 EA 120 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-3026)	160.21	
26 01 50 51-0229 EA 120 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-4026)	160.21	
26 01 50 51-0230 EA 120 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-5026)	160.21	
26 01 50 51-0231 EA 120 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED120-6026)	160.21	
26 01 50 51-0232 EA 150 Watt, 3000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-3026)	190.20	
26 01 50 51-0233 EA 150 Watt, 4000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-4026)	190.20	
26 01 50 51-0234 EA 150 Watt, 5000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-5026)	190.20	
26 01 50 51-0235 EA 150 Watt, 6000K CCT, Medium Base E26, LED Omnidirectional Street Lamp (Bergen industries LED150-6026)	190.20	
26 01 50 51-0236 EA 20 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED20WPT40KMED-G6)	61.88	
26 01 50 51-0237 EA 20 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED20WPT50KMED-G6)	66.87	
26 01 50 51-0238 EA 27 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT40KMED-G5)	66.87	
26 01 50 51-0239 EA 27 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED27WPT50KMED-G5)	61.88	
26 01 50 51-0240 EA 36 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED36WPT40KMED-G5)	77.58	
26 01 50 51-0241 EA 36 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EIKO industries LED36WPT50KMED-G5)	71.16	
26 01 50 51-0242 EA 45 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT40KMED-G5)	85.44	
26 01 50 51-0243 EA 45 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED45WPT50KMED-G5)	84.60	
26 01 50 51-0244 EA 54 Watt, 4000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT40KMED-G5)	86.51	
26 01 50 51-0245 EA 54 Watt, 5000K CCT, Medium Base E26, LED Post Top Lamp (EiKO industries LED54WPT50KMED-G5)	86.51	
26 01 50 51-0246 EA 27 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT40KMED-G7)	52.62	
26 01 50 51-0247 EA 27 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED27WPT50KMED-G7)	52.62	
26 01 50 51-0248 EA 36 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT40KMED-G7)	59.22	
26 01 50 51-0249 EA 36 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED36WPT50KMED-G7)	59.22	
26 01 50 51-0250 EA 45 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT40KMED-G7)	63.61	
26 01 50 51-0251 EA 45 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED45WPT50KMED-G7)	63.61	
26 01 50 51-0252 EA 54 Watt, 4000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT40KMED-G7)	70.21	
26 01 50 51-0253 EA 54 Watt, 5000K CCT, Medium Base E26, LED Lamp (EiKO industries LED54WPT50KMED-G7)	70.21	
26 01 50 51-0254 EA 20 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-20W8-55K-E26)	70.55	
26 01 50 51-0255 EA 30 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-30W8-55K-E26)	76.41	
26 01 50 51-0256 EA 40 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-40W8-55K-E26)	94.90	
26 01 50 51-0257 EA 50 Watt, 5500K CCT, Medium Base E26, LED Lamp (Olympic CL-50W8-55K-E26)	104.47	
26 01 50 51-0258 EA 10 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-10W12-55K-E26)	41.42	
26 01 50 51-0259 EA 15 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-15W12-55K-E26)	46.56	
26 01 50 51-0260 EA 20 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-20W12-55K-E26)	49.13	
26 01 50 51-0261 EA 25 Watt, 5500K CCT, Medium Base E26, Compact LED Lamp (Olympic CCL-25W12-55K-E26)	53.92	
26 01 50 51-0262 EA 15 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148015-UNV)	64.71	
26 01 50 51-0263 EA 20 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148020-UNV)	75.70	
26 01 50 51-0264 EA 25 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148025-UNV)	103.16	
26 01 50 51-0265 EA 30 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148030-UNV)	108.65	
26 01 50 51-0266 EA 35 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148035-UNV)	117.44	
26 01 50 51-0267 EA 40 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148040-UNV)	122.93	
26 01 50 51-0268 EA 60 Watt, Medium Base E26, LED Self-Ballasted Retrofit Lamp (Neptun LED-N148060-UNV)	176.76	
26 01 50 51-0269 EA 20 Watt, 5000K CCT, 120-277 Volt, E26 (Medium) Base, LED Retrofit Omni-Directional Lamp (HYLITE HL-IOD-20W-E26-50K)	61.93	
26 01 50 51-0270 HID LED Lamps, Mogul Base E39 Or EX39 <small>(26 01 50 51-0113)</small>		
26 01 50 51-0271 EA 120 Watt, 2700K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/827/277V/EX39)	169.25	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 51-0272	EA	120 Watt, 5000K CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/850/277V/EX39)	169.25
26 01 50 51-0273	EA	120 Watt, 5700 CCT, Mogul Base EX39, HID LED Lamp (Green Creative 120HID/857/277V/EX39)	169.25
26 01 50 51-0274	EA	27 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/830/277V/EX39)	50.12
26 01 50 51-0275	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/840/277V/EX39/R)	50.12
26 01 50 51-0276	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 27HID/850/277V/EX39)	50.12
26 01 50 51-0277	EA	45 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/830/277V/EX39)	63.33
26 01 50 51-0278	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/840/277V/EX39/R)	63.33
26 01 50 51-0279	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 45HID/850/277V/EX39)	63.33
26 01 50 51-0280	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Lamp (Green Creative 80HID/850/277V/EX39)	116.88
26 01 50 51-0281	EA	80 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-3039)	130.94
26 01 50 51-0282	EA	80 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-4039)	130.94
26 01 50 51-0283	EA	80 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-5039)	130.94
26 01 50 51-0284	EA	80 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED80-6039)	130.94
26 01 50 51-0285	EA	100 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-3039)	135.22
26 01 50 51-0286	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-4039)	135.22
26 01 50 51-0287	EA	100 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-5039)	135.22
26 01 50 51-0288	EA	100 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED100-6039)	135.22
26 01 50 51-0289	EA	120 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-3039)	160.21
26 01 50 51-0290	EA	120 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-4039)	160.21
26 01 50 51-0291	EA	120 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-5039)	160.21
26 01 50 51-0292	EA	120 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED120-6039)	160.21
26 01 50 51-0293	EA	150 Watt, 3000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-3039)	190.20
26 01 50 51-0294	EA	150 Watt, 4000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-4039)	190.20
26 01 50 51-0295	EA	150 Watt, 5000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-5039)	190.20
26 01 50 51-0296	EA	150 Watt, 6000K CCT, Mogul Base E39, LED Omnidirectional Street Lamp (Bergen industries LED150-6039)	190.20
26 01 50 51-0297	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT40KMOG-G5)	66.87
26 01 50 51-0298	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED27WPT50KMOG-G5)	66.87
26 01 50 51-0299	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT40KMOG-G5)	77.58
26 01 50 51-0300	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED36WPT50KMOG-G5)	76.60
26 01 50 51-0301	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT40KMOG-G5)	85.44
26 01 50 51-0302	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED45WPT50KMOG-G5)	84.60
26 01 50 51-0303	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT40KMOG-G5)	86.51
26 01 50 51-0304	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED54WPT50KMOG-G5)	84.02
26 01 50 51-0305	EA	100 Watt, 4000K CCT, Mogul Base E39, LED Post Top Lamp (EiKO industries LED100WPT40KMOG-G5)	181.11
26 01 50 51-0306	EA	20 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/40KMOG-G7)	66.85
26 01 50 51-0307	EA	20 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED20WPT/180/50KMOG-G7)	66.85
26 01 50 51-0308	EA	30 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/40KMOG-G7)	75.73
26 01 50 51-0309	EA	30 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED30WPT/180/50KMOG-G7)	75.73
26 01 50 51-0310	EA	40 Watt, 4000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/40KMOG-G7)	81.08
26 01 50 51-0311	EA	40 Watt, 5000K CCT, Mogul Base E39, Horizontal LED Lamp (EiKO industries LED40WPT/180/50KMOG-G7)	81.08
26 01 50 51-0312	EA	27 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT40KMOG-G7)	52.53
26 01 50 51-0313	EA	27 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED27WPT50KMOG-G7)	52.53
26 01 50 51-0314	EA	36 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT40KMOG-G7)	59.22
26 01 50 51-0315	EA	36 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED36WPT50KMOG-G7)	59.22
26 01 50 51-0316	EA	45 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT40KMOG-G7)	63.61
26 01 50 51-0317	EA	45 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED45WPT50KMOG-G7)	63.61
26 01 50 51-0318	EA	54 Watt, 4000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT40KMOG-G7)	70.21
26 01 50 51-0319	EA	54 Watt, 5000K CCT, Mogul Base E39, LED Lamp (EiKO industries LED54WPT50KMOG-G7)	70.21
26 01 50 51-0320	EA	65 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-65W8-55K-E39)	125.81
26 01 50 51-0321	EA	80 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-80W8-55K-E39)	145.38
26 01 50 51-0322	EA	100 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-100W8-55K-E39)	173.22
26 01 50 51-0323	EA	120 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-120W8-55K-E39)	337.20
26 01 50 51-0324	EA	150 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-150W8-55K-E39)	318.47
26 01 50 51-0325	EA	200 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-200W8-55K-E39)	337.20
26 01 50 51-0326	EA	250 Watt, 5500K CCT, Mogul Base E39, LED Lamp (Olympic CL-250W8-55K-E39)	338.66
26 01 50 51-0327	EA	24 Watt, 3000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M30-A)	52.20
26 01 50 51-0328	EA	24 Watt, 4000K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M40-A)	52.20
26 01 50 51-0329	EA	24 Watt, 5700K CCT, Mogul Base E39, LED Lamp (Light Efficient Design LED-8029M57-A)	52.20
26 01 50 51-0330	EA	100 Watt, Mogul Base E39, LED Area Lamp (MaxLite AR100LED50)	153.00
26 01 50 51-0331	EA	115 Watt, 4000K CCT, Mogul Base EX39, HID LED Lamp (Keystone KT-LED115HID-V-EX39-840-D)	399.73
26 01 50 51-0332	EA	40 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Arc-Cob Lamp (HYLITE HL-AC-40W-E39-50K)	165.84
26 01 50 51-0333	EA	100 Watt, 480 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-100W-E39-50K)	195.54
26 01 50 51-0334	EA	45 Watt, 120-277 Volt, 5000K CCT, E39 Base, LED Omni-Cob Lamp (HYLITE HL-OC-45W-E39-50K)	85.68
26 01 50 51-0335	EA	40 Watt, 5680 Lumens, Mogul Base E39, LED Directional Flood Lamp (HYLITE HL-IDL-40W-E39-50K)	277.82

26 01 50 51-0336 LED Lamps, 2G11 Base (26 01 50 51-0113)

26 01 50 51-0337	EA	19 Watt, 1550 Lumens, 3500K CCT, 2G11 Base, Dimmable LED Lamp (Green Creative 14.5PLL/835/DIR)	46.39
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26 01 50 51-0338 LED Lamps, GX23 Or G23 Base (26 01 50 51-0113)

26 01 50 51-0339	EA	5 Watt, 580 Lumens, 2 Pin GX23 Base, Dimmable LED Lamp (Lunera HN-H-GX23-U-5W-840-G4)	22.48
26 01 50 51-0340	EA	5.5 Watt, GX23 Base, LED Lamp (GreenCreative 5.5PLS/840/HYB/GX23)	20.64
		<i>For >25 To 50, Deduct</i>	-1.03
		<i>For >50 To 100, Deduct</i>	-1.71
		<i>For >100, Deduct</i>	-2.72
26 01 50 51-0341	EA	5.5 Watt, GX23 Base, LED Lamp (GreenCreative 5.5PLSH/840/HYB/GX23)	22.96
		<i>For >25 To 50, Deduct</i>	-1.15
		<i>For >50 To 100, Deduct</i>	-1.89
		<i>For >100, Deduct</i>	-2.95

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 51-0342 EA 5.5 Watt, GX23 Base, LED Lamp (GreenCreative 5.5PLSH/835/HYB/GX23).....	22.96	
<i>For >25 To 50, Deduct</i>	-1.15	
<i>For >50 To 100, Deduct</i>	-1.89	
<i>For >100, Deduct</i>	-2.95	
26 01 50 51-0343 EA 3.5 Watt, G23 Base, LED Lamp (GreenCreative 3.5PLS/835/HYB/G23)	20.64	
<i>For >25 To 50, Deduct</i>	-1.03	
<i>For >50 To 100, Deduct</i>	-1.71	
<i>For >100, Deduct</i>	-2.72	
26 01 50 51-0344 EA 3.5 Watt, G23 Base, LED Lamp (GreenCreative 3.5PLS/840/HYB/G23)	20.64	
<i>For >25 To 50, Deduct</i>	-1.03	
<i>For >50 To 100, Deduct</i>	-1.71	
<i>For >100, Deduct</i>	-2.72	
26 01 50 51-0345 LED Lamps, G24 Base <small>(26 01 50 51-0113)</small>		
26 01 50 51-0346 EA 5.5 Watt, 500 Lumens, G24 Base, LED Lamp (Green Creative 5.5PLH/835/DIR/R).....	29.41	
26 01 50 51-0347 LED Tubes (Fluorescent Lamp Replacement) <small>(26 01 50 51-0113)</small>		
26 01 50 51-0348 EA 2', 1,250 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2- T8-24IN-4000K).....	40.38	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0349 EA 2', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2- T8-24INU-4000K).....	52.83	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0350 EA 3', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2- T8-36IN-4000K).....	43.52	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.06	
26 01 50 51-0351 EA 4', 1,900 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT-TOTALTUBEG2- T8-48IN-4000K).....	47.69	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0352 EA 4', 2,200 Lumens, 4000K CCT, LED Tube (T8 Fluorescent Lamp Replacement) (Remphos RPT- TOTALTUBEG2HO-T8-48IN-4000K)	52.36	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0353 EA 4', 2,539 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02018TBN)	32.50	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0354 EA 2', 1,348 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Carson Technology CT-D02010TBN)	31.41	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0355 EA 2', 1,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED9T8/L24/FG/835/BF).....	28.52	
<i>For Multiple Lamps In Fixture, Deduct</i>	-2.88	
26 01 50 51-0356 EA 3', 1,650 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED12T8/L36/FG/835/BF).....	28.98	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.06	
26 01 50 51-0357 EA 4', 1,700 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED14T8/L48/FG/835/BF).....	28.91	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0358 EA 4', 2,100 Lumens, LED Tube (T8 Fluorescent Lamp Replacement) (Sylvania LED17T8/L48/FG/835/BF).....	30.01	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
26 01 50 51-0359 EA 4' LED Lamp Replacement For T8 Fluorescents (Philips 14T8 PRO LED/48-3500)	20.91	
<i>For Multiple Lamps In Fixture, Deduct</i>	-3.24	
<i>For >25 To 50, Deduct</i>	-1.05	
<i>For >50 To 100, Deduct</i>	-1.81	
<i>For >100, Deduct</i>	-3.07	
26 01 50 51-0360 Filament LED Lamps <small>(26 01 50 51-0113)</small>		
26 01 50 51-0361 EA 7.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 7.5FA19DIM/827)	16.54	
26 01 50 51-0362 EA 4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5A19DIM/827/R)	16.54	
26 01 50 51-0363 EA 4.5 Watt, 2700K CCT, Clear A19 Filament LED Lamp (Green Creative 4.5FA19DIM/827)	15.82	
26 01 50 51-0364 EA 4.5 Watt, 2400 CCT, Amber A19 Filament LED Lamp (Green Creative 4.5FA19DIM/824/A).....	15.82	
26 01 50 51-0365 EA 4.5 Watt, 2700K CCT, Clear G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/827)	16.97	
26 01 50 51-0366 EA 4.5 Watt, 2400 CCT, Amber G25 Globe Filament LED Lamp (Green Creative 4.5FG25DIM/824/A)	16.97	
26 01 50 51-0367 EA 3.5 Watt, 2700K CCT, Clear B10 Candle Filament LED Lamp (Green Creative 3.5FB10DIM/827)	14.40	
26 01 50 51-0368 EA 3.5 Watt, 2700K CCT, Clear B11 Candle Filament LED Lamp (Green Creative 3.5FB11DIM/827/E26)	14.40	
26 01 50 51-0369 EA 3.5 Watt, 2400 CCT, Amber B10 Candle Filament LED Lamp (Green Creative 3.5FBA10DIM/824/FT/A).....	14.83	
26 01 50 51-0370 EA 3.5 Watt, 2400 CCT, Amber ST19 Filament LED Lamp (Green Creative 5FST19DIM/824/A)	17.97	
26 01 50 51-0371 EA 4.5 Watt, 120 Volt 450 Lumens ULTRA LED Filament Lamp (Sylvania 79521)	21.77	
26 01 50 51-0372 Other Lamps <small>(26 01 50 51-0113)</small>		
26 01 50 51-0373 EA 8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 8A19/END/2700 DIM 6/1)	15.71	
26 01 50 51-0374 EA 8 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 7A19/2700 DIM).....	15.71	
26 01 50 51-0375 EA 11 Watt, Medium Base, A19, A-Shape Dimmable LED Lamp (Philips 11A19/2700 DIM).....	15.71	
26 01 50 51-0376 EA 12 Watt, Medium Base, Dimmable BR40 LED Lamp (Philips 12BR40/F90 2700 DIM AF 6/1).....	16.42	
26 01 50 51-0377 EA 13 Watt, Medium Base, Dimmable PAR38 LED Single Optic Lamp (Philips 13PAR38/S15 4000 DIM AF SO 6/1)	16.42	
26 01 50 51-0378 EA 8 Watt, Medium Base, Dimmable PAR20 LED Lamp (Philips 8PAR20/END/F36 3000 DIM 6/1).....	16.42	
26 01 50 51-0379 LED Lamps, Light Engines, Round, LER Series <small>(26 01 50 51-0113)</small>		
26 01 50 51-0380 EA 5.5" Diameter, 17 Watt, 3000K CCT, Round LED Light Engine (Maxlite LER5.5A1730).....	52.35	
26 01 50 51-0381 EA 9 Watt, 120 Volt, 800 Lumens, 2700K, Omnidirectional Ultra LED A-line Lamp (Sylvania LED9A19/DIM/O/827/U).....	29.30	
26 01 50 51-0382 Recycle Hazardous Lamps <small>(26 01 50 51)</small>		
Note: Includes containers, shipping costs and recycling fees. Excludes lamp removal. See CSI section 26 01 50 51-0001 for removal of lamps from fixtures.		

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 01 50 51-0383	EA	Recycle 2' Length Linear Fluorescent Lamps	1.70		
26 01 50 51-0384	EA	Recycle 3' Length Linear Fluorescent Lamps	2.17		
26 01 50 51-0385	EA	Recycle 4' Length Linear Fluorescent Lamps	2.64		
26 01 50 51-0386	EA	Recycle 6' Length Linear Fluorescent Lamps	3.74		
26 01 50 51-0387	EA	Recycle 8' Length Linear Fluorescent Lamps	4.69		
26 01 50 51-0388	EA	Recycle Compact Fluorescent Lamps	4.32		
26 01 50 51-0389	EA	Recycle U-Shaped Or Circular Fluorescent Lamps	4.32		
26 01 50 51-0390	EA	Recycle High Intensity Discharge (HID) Lamps	6.83		
26 01 50 52 Ballasts Replacement (26 01 50)					
26 01 50 52-0001		Lighting Ballasts (26 01 50 52) Note: Excludes recycling fees. See CSI section 02 84 16 00-0003 for ballast recycling.			
26 01 50 52-0002		Fluorescent Ballasts (26 01 50 52-0001)			
26 01 50 52-0003		T5 Fluorescent Ballasts (26 01 50 52-0002)			
26 01 50 52-0004		T5 Fluorescent Electronic Ballasts (26 01 50 52-0003) Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0005		14 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)			
26 01 50 52-0006	EA	1 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	116.95		21.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55		
		<i>For High Ballast Factor, Add</i>	6.68		
26 01 50 52-0007	EA	2 Lamp, 14 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	122.40		27.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18		
		<i>For High Ballast Factor, Add</i>	6.68		
26 01 50 52-0008		21 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)			
26 01 50 52-0009	EA	1 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	116.95		21.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55		
		<i>For High Ballast Factor, Add</i>	6.68		
26 01 50 52-0010	EA	2 Lamp, 21 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	122.40		27.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18		
		<i>For High Ballast Factor, Add</i>	6.68		
26 01 50 52-0011		28 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)			
26 01 50 52-0012	EA	1 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	116.95		21.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55		
		<i>For High Ballast Factor, Add</i>	6.68		
26 01 50 52-0013	EA	2 Lamp, 28 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	122.40		27.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18		
		<i>For High Ballast Factor, Add</i>	6.68		
26 01 50 52-0014		35 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)			
26 01 50 52-0015	EA	1 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	116.95		21.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55		
26 01 50 52-0016	EA	2 Lamp, 35 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	122.40		27.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18		
26 01 50 52-0017		54 Watt, T5 Fluorescent Electronic Ballasts (26 01 50 52-0004)			
26 01 50 52-0018	EA	1 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	116.81		21.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55		
26 01 50 52-0019	EA	2 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	122.26		27.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18		
26 01 50 52-0020	EA	3 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	167.67		32.74
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82		
26 01 50 52-0021	EA	4 Lamp, 54 Watt, Program/Rapid Start, T5 Fluorescent Electronic Ballast.....	173.13		38.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46		
26 01 50 52-0022		High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0003) Note: Includes 120/277 Volt and normal ballast factor.			
26 01 50 52-0023		12 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)			
26 01 50 52-0024	EA	1 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	97.98		21.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55		
26 01 50 52-0025	EA	2 Lamp, 12 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	103.43		27.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18		
26 01 50 52-0026		24 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)			
26 01 50 52-0027	EA	1 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	128.30		21.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55		
26 01 50 52-0028	EA	2 Lamp, 24 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast.....	133.75		27.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18		
26 01 50 52-0029		39 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0030 EA 1 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	128.30 6.55	21.83
26 01 50 52-0031 EA 2 Lamp, 39 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.75 8.18	27.28
26 01 50 52-0032 54 Watt, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0022)		
26 01 50 52-0033 EA 1 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.98 6.55	21.83
26 01 50 52-0034 EA 2 Lamp, 54 Watt, Programmed Start, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.43 8.18	27.28
26 01 50 52-0035 Dimming, T5 Fluorescent Electronic Ballasts (26 01 50 52-0003)		
26 01 50 52-0036 Step Dimming, T5 Fluorescent Electronic Ballasts (26 01 50 52-0035) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0037 28 Watt, Step Dimming, T5 Fluorescent Electronic Ballast (26 01 50 52-0036)		
26 01 50 52-0038 EA 2 Lamp, 28 Watt, Programmed Start, Step Dimming, T5 Fluorescent Electronic Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.83 8.18	27.28
26 01 50 52-0039 Dimming To 5%, T5 Fluorescent Electronic Ballasts (26 01 50 52-0035) Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0040 54 Watt, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballasts (26 01 50 52-0039)		
26 01 50 52-0041 EA 1 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	415.58 6.55	21.83
26 01 50 52-0042 EA 2 Lamp, 54 Watt, Programmed Start, Dimming To 5%, High-Output, T5HO Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	409.57 8.18	27.28
26 01 50 52-0043 T8 Fluorescent Ballasts (26 01 50 52-0002)		
26 01 50 52-0044 T8 Fluorescent Electronic Ballasts (26 01 50 52-0043) Note: Includes 120/277 Volt and low or normal ballast factor.		
26 01 50 52-0045 17 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0046 EA 1 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	50.87 6.55 16.24	21.83
26 01 50 52-0047 EA 1 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	89.96 6.55 10.69	21.83
26 01 50 52-0048 EA 2 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	56.32 8.18 16.24	27.28
26 01 50 52-0049 EA 2 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	95.41 8.18 10.69	27.28
26 01 50 52-0050 EA 3 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	68.65 9.82 15.82	32.74
26 01 50 52-0051 EA 3 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	106.88 9.82 9.08	32.74
26 01 50 52-0052 EA 4 Lamp, 17 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	78.57 11.46 40.05	38.20
26 01 50 52-0053 EA 4 Lamp, 17 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	117.02 11.46 23.38	38.20
26 01 50 52-0054 25 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50 52-0055 EA 1 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	50.87 6.55 16.24	21.83
26 01 50 52-0056 EA 1 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	89.96 6.55 10.69	21.83
26 01 50 52-0057 EA 2 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	56.32 8.18 16.24	27.28
26 01 50 52-0058 EA 2 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	95.41 8.18 10.69	27.28
26 01 50 52-0059 EA 3 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	68.65 9.82 15.82	32.74
26 01 50 52-0060 EA 3 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add For High Ballast Factor, Add</i>	106.88 9.82 9.08	32.74

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50	52-0061	EA	4 Lamp, 25 Watt, Instant Start, T8 Fluorescent Electronic Ballast	78.57	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
			<i>For High Ballast Factor, Add</i>	40.05	
26 01 50	52-0062	EA	4 Lamp, 25 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	117.02	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
			<i>For High Ballast Factor, Add</i>	23.38	
26 01 50	52-0063		28 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50	52-0064	EA	1 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	50.87	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
			<i>For High Ballast Factor, Add</i>	16.24	
26 01 50	52-0065	EA	1 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	89.96	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
			<i>For High Ballast Factor, Add</i>	10.69	
26 01 50	52-0066	EA	2 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	56.32	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
			<i>For High Ballast Factor, Add</i>	16.24	
26 01 50	52-0067	EA	2 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	95.41	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
			<i>For High Ballast Factor, Add</i>	10.69	
26 01 50	52-0068	EA	3 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	68.65	32.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
			<i>For High Ballast Factor, Add</i>	15.82	
26 01 50	52-0069	EA	3 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	106.88	32.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
			<i>For High Ballast Factor, Add</i>	9.08	
26 01 50	52-0070	EA	4 Lamp, 28 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	78.57	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
			<i>For High Ballast Factor, Add</i>	40.05	
26 01 50	52-0071	EA	4 Lamp, 28 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	117.02	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
			<i>For High Ballast Factor, Add</i>	23.38	
26 01 50	52-0072		32 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50	52-0073	EA	1 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	50.87	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
			<i>For High Ballast Factor, Add</i>	16.24	
26 01 50	52-0074	EA	1 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	89.96	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
			<i>For High Ballast Factor, Add</i>	10.69	
26 01 50	52-0075	EA	2 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	56.32	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
			<i>For High Ballast Factor, Add</i>	16.24	
26 01 50	52-0076	EA	2 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	95.41	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
			<i>For High Ballast Factor, Add</i>	10.69	
26 01 50	52-0077	EA	3 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	68.65	32.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
			<i>For High Ballast Factor, Add</i>	15.82	
26 01 50	52-0078	EA	3 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	106.88	32.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
			<i>For High Ballast Factor, Add</i>	9.08	
26 01 50	52-0079	EA	4 Lamp, 32 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	78.57	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
			<i>For High Ballast Factor, Add</i>	40.05	
26 01 50	52-0080	EA	4 Lamp, 32 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	117.02	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
			<i>For High Ballast Factor, Add</i>	23.38	
26 01 50	52-0081		40 Watt, T8 Fluorescent Electronic Ballasts (26 01 50 52-0044)		
26 01 50	52-0082	EA	1 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	81.68	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
			<i>For High Ballast Factor, Add</i>	6.95	
26 01 50	52-0083	EA	1 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	89.96	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
			<i>For High Ballast Factor, Add</i>	10.69	
26 01 50	52-0084	EA	2 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	87.13	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
			<i>For High Ballast Factor, Add</i>	6.95	
26 01 50	52-0085	EA	2 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	95.41	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
			<i>For High Ballast Factor, Add</i>	10.69	
26 01 50	52-0086	EA	3 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	108.89	32.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
			<i>For High Ballast Factor, Add</i>	4.27	
26 01 50	52-0087	EA	3 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	106.88	32.74
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
26 01 50	52-0088	EA	4 Lamp, 40 Watt, Instant Start, T8 Fluorescent Electronic Ballast.....	114.35	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
			<i>For High Ballast Factor, Add</i>	4.27	
26 01 50	52-0089	EA	4 Lamp, 40 Watt, Program/Rapid Start, T8 Fluorescent Electronic Ballast.....	117.02	38.20
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0090 96 Watt, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0044)</small>		
26 01 50 52-0091 EA 1 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	97.98	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
<i>For High Ballast Factor, Add</i>		
	6.55	
	14.88	
26 01 50 52-0092 EA 2 Lamp, 96 Watt, Instant Start, T8 Fluorescent Electronic Ballast	103.43	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
<i>For High Ballast Factor, Add</i>		
	8.18	
	14.88	
26 01 50 52-0093 High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small>		
<i>Note: Includes 120/277 Volt and normal ballast factor.</i>		
26 01 50 52-0094 48 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0095 EA 1 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	118.95	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0096 EA 1 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	155.18	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0097 EA 2 Lamp, 48 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	124.40	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0098 EA 2 Lamp, 48 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	160.63	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0099 60 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0100 EA 1 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	118.95	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0101 EA 1 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	155.18	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0102 EA 2 Lamp, 60 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	124.40	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0103 EA 2 Lamp, 60 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	160.63	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0104 72 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0105 EA 1 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	118.95	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0106 EA 1 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	155.18	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0107 EA 2 Lamp, 72 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	124.40	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0108 EA 2 Lamp, 72 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	160.63	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0109 96 Watt, High-Output, T8HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0093)</small>		
26 01 50 52-0110 EA 1 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	118.95	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0111 EA 1 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	155.18	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0112 EA 2 Lamp, 96 Watt, Instant Start, High-Output, T8HO Fluorescent Electronic Ballast	124.40	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0113 EA 2 Lamp, 96 Watt, Programmed Start, High-Output, T8HO Fluorescent Electronic Ballast	160.63	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0114 Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0043)</small>		
26 01 50 52-0115 Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0114)</small>		
<i>Note: Includes 120/277 Volt and high ballast factor.</i>		
26 01 50 52-0116 17 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0115)</small>		
26 01 50 52-0117 EA 1 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	65.66	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0118 EA 2 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	71.11	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0119 EA 3 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	81.76	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	9.82	
26 01 50 52-0120 EA 4 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	98.77	38.20
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	11.46	
26 01 50 52-0121 EA 5 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	150.23	43.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	13.10	
26 01 50 52-0122 EA 6 Lamp, 17 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	155.69	49.11
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	14.73	
26 01 50 52-0123 25 Watt, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0115)</small>		
26 01 50 52-0124 EA 1 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	65.66	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0125 EA 2 Lamp, 25 Watt, Instant Start, Load Shed 0-10 V Dimming, T8 Fluorescent Electronic Ballast	71.11	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0164 EA 5 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	142.87	43.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0165 EA 6 Lamp, 25 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	148.33	49.11
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.73	
26 01 50 52-0166 28 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts (26 01 50 52-0151)		
26 01 50 52-0167 EA 1 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	65.66	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0168 EA 2 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	71.11	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
26 01 50 52-0169 EA 3 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	79.45	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
26 01 50 52-0170 EA 4 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	98.77	38.20
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
26 01 50 52-0171 EA 5 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	142.87	43.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0172 EA 6 Lamp, 28 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	148.33	49.11
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.73	
26 01 50 52-0173 32 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts (26 01 50 52-0151)		
26 01 50 52-0174 EA 1 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	65.66	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0175 EA 2 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	71.11	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
26 01 50 52-0176 EA 3 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	79.45	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
26 01 50 52-0177 EA 4 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	98.77	38.20
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
26 01 50 52-0178 EA 5 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	142.87	43.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0179 EA 6 Lamp, 32 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	148.33	49.11
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.73	
26 01 50 52-0180 40 Watt, Step Dimming, T8 Fluorescent Electronic Ballasts (26 01 50 52-0151)		
26 01 50 52-0181 EA 1 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	65.66	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0182 EA 2 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	71.11	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
26 01 50 52-0183 EA 3 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	79.45	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
26 01 50 52-0184 EA 4 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	98.77	38.20
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
26 01 50 52-0185 EA 5 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	142.87	43.65
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0186 EA 6 Lamp, 40 Watt, Instant Start, Step Dimming, T8 Fluorescent Electronic Ballast.....	148.33	49.11
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.73	
26 01 50 52-0187 Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0114)		
Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0188 17 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)		
26 01 50 52-0189 EA 1 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	146.74	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0190 EA 2 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	152.19	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
26 01 50 52-0191 EA 3 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	181.83	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
26 01 50 52-0192 EA 4 Lamp, 17 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	187.29	38.20
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
26 01 50 52-0193 25 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)		
26 01 50 52-0194 EA 1 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	146.74	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0195 EA 2 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	152.19	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
26 01 50 52-0196 EA 3 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	181.83	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
26 01 50 52-0197 EA 4 Lamp, 25 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	187.29	38.20
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.46	
26 01 50 52-0198 28 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts (26 01 50 52-0187)		
26 01 50 52-0199 EA 1 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	146.74	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0200 EA 2 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	152.19	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
26 01 50 52-0201 EA 3 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast.....	181.83	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0202	EA		4 Lamp, 28 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.29 11.46	38.20
26 01 50 52-0203			32 Watt, Dimming To 3%, T8 Fluorescent Electronic Ballasts <small>(26 01 50 52-0187)</small>		
26 01 50 52-0204	EA		1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	146.74 6.55	21.83
26 01 50 52-0205	EA		2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	152.19 8.18	27.28
26 01 50 52-0206	EA		3 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	181.83 9.82	32.74
26 01 50 52-0207	EA		4 Lamp, 32 Watt, Program/Rapid Start, Dimming To 3%, T8 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.29 11.46	38.20
26 01 50 52-0208			T10 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0209			T10 Fluorescent Electronic Ballasts <small>(26 01 50 52-0208)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0210			40 Watt, T10 Fluorescent Electronic Ballasts <small>(26 01 50 52-0209)</small>		
26 01 50 52-0211	EA		1 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33 6.55	21.83
26 01 50 52-0212	EA		2 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.78 8.18	27.28
26 01 50 52-0213	EA		3 Lamp, 40 Watt, Program/Rapid Start, T10 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.39 9.82	32.74
26 01 50 52-0214			T12 Fluorescent Ballasts <small>(26 01 50 52-0002)</small>		
26 01 50 52-0215			T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0214)</small> Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0216			25 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0217	EA		1 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.87 6.55	21.83
26 01 50 52-0218	EA		1 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33 6.55	21.83
26 01 50 52-0219	EA		2 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.32 8.18	27.28
26 01 50 52-0220	EA		2 Lamp, 25 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.78 8.18	27.28
26 01 50 52-0221	EA		3 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.65 9.82	32.74
26 01 50 52-0222	EA		4 Lamp, 25 Watt, Instant Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.57 11.46	38.20
26 01 50 52-0223			30 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0224	EA		1 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33 6.55	21.83
26 01 50 52-0225	EA		2 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.78 8.18	27.28
26 01 50 52-0226	EA		3 Lamp, 30 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.39 9.82	32.74
26 01 50 52-0227			34 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0228	EA		1 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33 6.55	21.83
26 01 50 52-0229	EA		2 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.78 8.18	27.28
26 01 50 52-0230	EA		3 Lamp, 34 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.39 9.82	32.74
26 01 50 52-0231			40 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0232	EA		1 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.33 6.55	21.83
26 01 50 52-0233	EA		2 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.78 8.18	27.28
26 01 50 52-0234	EA		3 Lamp, 40 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.39 9.82	32.74
26 01 50 52-0235			96 Watt, T12 Fluorescent Electronic Ballasts <small>(26 01 50 52-0215)</small>		
26 01 50 52-0236	EA		1 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.90 6.55	21.83
26 01 50 52-0237	EA		2 Lamp, 96 Watt, Program/Rapid Start, T12 Fluorescent Electronic Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	103.43 8.18	27.28
26 01 50 52-0238			High-Output, T12HO Fluorescent Electronic Ballasts <small>(26 01 50 52-0214)</small> Note: Includes 120/277 Volt and normal ballast factor.		

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0267	EA		300 To 750 Lumens, One Or Two Lamp, Damp Location, Ninety Minute Illumination, Emergency Compact Fluorescent Ballast (Bodine BDL94C).....	360.45	27.28
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.75	
26 01 50 52-0268	EA		450 Lumens, One Lamp, Low Profile, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine LP400).....	352.57	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0269	EA		1,100 To 1,400 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50ST).....	648.34	27.28
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.75	
26 01 50 52-0270	EA		1,800 To 3,500 Lumens, One Or Two Lamp, Self Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30ST).....	811.77	27.28
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.75	
26 01 50 52-0271	EA		1,450 To 3,500 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B30RCT).....	1,522.69	27.28
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.75	
26 01 50 52-0272	EA		1,100 To 1,400 Lumens, One Or Two Lamp, Remote Control Testing, Ninety Minute Illumination, Emergency Fluorescent Ballast (Bodine B50RCT).....	1,056.46	27.28
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.75	
26 01 50 52-0273	EA		1,100 To 3,100 Lumens, One Or Two Lamp, Central Battery, Emergency Fluorescent Ballast With Voltage Sensing Circuit (Bodine CB90-48).....	535.19	27.28
			<i>For Factory Installation In New Fixtures, Deduct</i>	-45.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.75	
26 01 50 52-0274	EA		1,050 To 3,200 Lumens, One Lamp, Interim Lighting For Generator Backup, Five Minute Illumination, Emergency Fluorescent Ballast (Bodine GEN1).....	695.26	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0275	EA		250 Watt, Self-Diagnostic, Ninety Minute Illumination, Fluorescent Emergency Lighting Inverter (Bodine ELI-250-SD).....	3,908.32	27.28
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0276			LED Emergency Ballasts (26 01 50 52-0001)		
26 01 50 52-0277	EA		Up To 520 Lumens, Ninety Minute Illumination, 120-277 Volt, 4 Watt Output, Emergency LED Driver (Bodine BSL4L).....	136.67	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0278	EA		Up To 780 Lumens, Ninety Minute Illumination, 120-277 Volt, 6 Watt Output, Emergency LED Driver (Bodine BSL6LST).....	205.67	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0279	EA		Up To 975 Lumens, Ninety Minute Illumination, 120-277 Volt, 7.5 Watt Output, Emergency LED Driver (Bodine BSL17C).....	247.05	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0280	EA		Up To 1,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 10 Watt Output, Emergency LED Driver (Bodine BSL310).....	276.59	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0281	EA		Up To 2,200 Lumens, Ninety Minute Illumination, 120-277 Volt, 18 Watt Output, Emergency LED Driver (Bodine BSL718).....	284.06	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0282	EA		Up To 2,600 Lumens, Ninety Minute Illumination, 120-277 Volt, 20 Watt Output, Emergency LED Driver (Bodine BSL20LV).....	370.54	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0283	EA		Up To 2,300 Lumens, Ninety Minute Illumination, 120-277 Volt, 23 Watt LED Emergency Battery Backup (LiteTronics EB23UQ).....	439.92	21.83
			<i>For Factory Installation In New Fixtures, Deduct</i>	-43.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 01 50 52-0284			Compact Fluorescent Ballasts (26 01 50 52-0001)		
26 01 50 52-0285			Compact Fluorescent Electronic Ballasts (26 01 50 52-0284)		
			Note: Includes 120/277 Volt and normal ballast factor.		
26 01 50 52-0286			18 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0287	EA		1 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	110.53	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0288	EA		2 Lamp, 18 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	115.98	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	
26 01 50 52-0289			26 Watt, Compact Fluorescent Electronic Ballasts (26 01 50 52-0285)		
26 01 50 52-0290	EA		1 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	110.53	21.83
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 01 50 52-0291	EA		2 Lamp, 26 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast.....	115.98	27.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0292 32 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0293 EA 1 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	137.39	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0294 EA 2 Lamp, 32 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	142.84	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0295 40 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0296 EA 1 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	107.33	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0297 EA 1 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	137.39	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0298 EA 2 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	202.98	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0299 EA 2 Lamp, 40 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	142.84	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0300 EA 3 Lamp, 40 Watt, Instant Start, Compact Fluorescent Electronic Ballast	239.87	32.74
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	9.82	
26 01 50 52-0301 42 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0302 EA 1 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	137.39	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0303 EA 2 Lamp, 42 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	142.84	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0304 55 Watt, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0285)</small>		
26 01 50 52-0305 EA 1 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	137.39	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0306 EA 2 Lamp, 55 Watt, Program/Rapid Start, Compact Fluorescent Electronic Ballast	142.84	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0307 Dimming, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0284)</small>		
26 01 50 52-0308 Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0307)</small>		
<i>Note: Includes 120/277 Volt and normal ballast factor.</i>		
26 01 50 52-0309 18 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0310 EA 1 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	206.05	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0311 EA 2 Lamp, 18 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	211.50	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0312 26 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0313 EA 1 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	206.05	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0314 EA 2 Lamp, 26 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	211.50	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0315 32 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0316 EA 1 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	206.05	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0317 EA 2 Lamp, 32 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	226.33	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0318 40 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0319 EA 2 Lamp, 40 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	226.33	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0320 42 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0321 EA 1 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	206.05	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0322 EA 2 Lamp, 42 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	226.33	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	
26 01 50 52-0323 55 Watt, Dimming To 5%, Compact Fluorescent Electronic Ballasts <small>(26 01 50 52-0308)</small>		
26 01 50 52-0324 EA 1 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	330.29	21.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	6.55	
26 01 50 52-0325 EA 2 Lamp, 55 Watt, Program/Rapid Start, Dimming To 5%, Compact Fluorescent Electronic Ballast	370.61	27.28
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	8.18	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 01 50 52-0326	High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0327	Magnetic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0326)</small>		
26 01 50 52-0328	Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0329	Metal Halide, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0330	EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....162.53		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0331	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....166.55		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0332	EA 1 Lamp, 250 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....166.55		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0333	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....155.10		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0334	EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....155.10		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0335	EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....231.81		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0336	EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....231.81		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0337	EA 1 Lamp, 1,500 Watt Metal Halide, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....299.38		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0338	EA 1 Lamp, 1,500 Watt Metal Halide, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast .....333.84		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0339	High Pressure Sodium, Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0340	EA 1 Lamp, 50 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....146.64		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0341	EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....155.63		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0342	EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....151.75		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0343	EA 1 Lamp, 150 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....178.77		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0344	EA 1 Lamp, 150 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....174.91		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0345	EA 1 Lamp, 250 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....199.98		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0346	EA 1 Lamp, 250 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....199.98		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0347	EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....241.68		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0348	EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....241.68		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0349	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....388.01		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0350	EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Core And Coil High Intensity Discharge (HID) Ballast.....388.01		27.28
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0351	Mounting Brackets For Core And Coil High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0328)</small>		
26 01 50 52-0352	EA Single Mounting Bracket For Core And Coil Type .....16.95		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....3.28		
26 01 50 52-0353	EA Double Mounting Bracket For Core And Coil Type .....28.49		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....4.91		
26 01 50 52-0354	F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0327)</small>		
26 01 50 52-0355	Metal Halide, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0354)</small>		
26 01 50 52-0356	EA 1 Lamp, 70 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....206.81		27.28
	<i>For Pulse Start Ballast, Add</i> .....16.86		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0357	EA 1 Lamp, 100 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....217.96		27.28
	<i>For Pulse Start Ballast, Add</i> .....17.98		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0358	EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....198.36		27.28
	<i>For Pulse Start Ballast, Add</i> .....16.02		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0359	EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....230.57		27.28
	<i>For Pulse Start Ballast, Add</i> .....19.24		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0360	EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast.....320.82		27.28
	<i>For Pulse Start Ballast, Add</i> .....28.26		
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> .....11.46		
26 01 50 52-0361	High Pressure Sodium, F-Can High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0354)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0362 EA 1 Lamp, 70 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	249.07 11.46	27.28
26 01 50 52-0363 EA 1 Lamp, 100 Watt High Pressure Sodium, 120/277 Volt, F-Can High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	266.46 11.46	27.28
26 01 50 52-0364 Postline High Intensity Discharge (HID) Ballasts (26 01 50 52-0327)		
26 01 50 52-0365 Metal Halide, Postline High Intensity Discharge (HID) Ballasts (26 01 50 52-0364)		
26 01 50 52-0366 EA 1 Lamp, 50 Watt Metal Halide, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	415.73 11.46	27.28
26 01 50 52-0367 High Pressure Sodium, Postline High Intensity Discharge (HID) Ballasts (26 01 50 52-0364)		
26 01 50 52-0368 EA 1 Lamp, 70 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	641.42 11.43	27.21
26 01 50 52-0369 EA 1 Lamp, 100 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	715.53 11.43	27.21
26 01 50 52-0370 EA 1 Lamp, 150 Watt High Pressure Sodium, 120 Volt, Postline High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	689.89 11.43	27.21
26 01 50 52-0371 Indoor Enclosed High Intensity Discharge (HID) Ballasts (26 01 50 52-0327)		
26 01 50 52-0372 Metal Halide, Indoor Enclosed High Intensity Discharge (HID) Ballasts (26 01 50 52-0371)		
26 01 50 52-0373 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	512.27 11.46	27.28
26 01 50 52-0374 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	581.66 11.46	27.28
26 01 50 52-0375 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	768.82 11.46	27.28
26 01 50 52-0376 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	764.79 11.46	27.28
26 01 50 52-0377 EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,072.13 12.11	29.47
26 01 50 52-0378 EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,072.13 12.11	29.47
26 01 50 52-0379 EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	737.25 11.46	27.28
26 01 50 52-0380 EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	867.69 11.46	27.28
26 01 50 52-0381 High Pressure Sodium, Indoor Enclosed High Intensity Discharge (HID) Ballasts (26 01 50 52-0371)		
26 01 50 52-0382 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	957.38 11.46	27.28
26 01 50 52-0383 EA 1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	911.41 11.46	27.28
26 01 50 52-0384 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,172.04 11.46	27.28
26 01 50 52-0385 EA 1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Indoor Enclosed High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,172.04 11.46	27.28
26 01 50 52-0386 Outdoor Weatherproof High Intensity Discharge (HID) Ballasts (26 01 50 52-0327)		
26 01 50 52-0387 Metal Halide, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts (26 01 50 52-0386)		
26 01 50 52-0388 EA 1 Lamp, 175 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	575.86 11.46	27.28
26 01 50 52-0389 EA 1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	622.18 11.46	27.28
26 01 50 52-0390 EA 1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	617.62 11.46	27.28
26 01 50 52-0391 EA 1 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	648.65 11.46	27.28
26 01 50 52-0392 EA 2 Lamp, 400 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,031.66 12.11	29.47
26 01 50 52-0393 EA 2 Lamp, 400 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,268.62 12.11	29.47
26 01 50 52-0394 EA 1 Lamp, 1,000 Watt Metal Halide, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	962.77 11.46	27.28
26 01 50 52-0395 EA 1 Lamp, 1,000 Watt Metal Halide, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	876.37 11.46	27.28
26 01 50 52-0396 High Pressure Sodium, Outdoor Weatherproof High Intensity Discharge (HID) Ballasts (26 01 50 52-0386)		
26 01 50 52-0397 EA 1 Lamp, 400 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	743.93 11.46	27.28

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 52-0398	EA		1 Lamp, 400 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	802.35 11.46	27.28
26 01 50 52-0399	EA		1 Lamp, 1,000 Watt High Pressure Sodium, 120/277 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,199.00 11.46	27.28
26 01 50 52-0400	EA		1 Lamp, 1,000 Watt High Pressure Sodium, 480 Volt, Outdoor Weatherproof High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,031.41 11.46	27.28
26 01 50 52-0401			Electronic High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0326)</small>		
26 01 50 52-0402			Electronic Low Frequency High Intensity Discharge (HID) Ballasts <small>(26 01 50 52-0401)</small>		
26 01 50 52-0403	EA		1 Lamp, 70 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	229.02 11.46	27.28
26 01 50 52-0404	EA		1 Lamp, 100 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	229.02 11.46	27.28
26 01 50 52-0405	EA		1 Lamp, 150 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	258.30 11.46	27.28
26 01 50 52-0406	EA		1 Lamp, 250 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	668.62 11.46	27.28
26 01 50 52-0407	EA		1 Lamp, 300 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	668.62 11.46	27.28
26 01 50 52-0408	EA		1 Lamp, 320 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	668.62 11.46	27.28
26 01 50 52-0409	EA		1 Lamp, 350 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	668.62 11.46	27.28
26 01 50 52-0410	EA		1 Lamp, 400 Watt Metal Halide, 120/277 Volt, Electronic Low Frequency High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	668.62 11.46	27.28
26 01 50 52-0411			Owner Supplied Ballasts <small>(26 01 50 52-0001)</small>		
26 01 50 52-0412	EA		Install Owner Supplied, 1 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.83 6.55	
26 01 50 52-0413	EA		Install Owner Supplied, 2 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.28 8.18	
26 01 50 52-0414	EA		Install Owner Supplied, 3 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.65 9.50	
26 01 50 52-0415	EA		Install Owner Supplied, 4 Lamp Fluorescent Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.83 10.15	
26 01 50 52-0416	EA		Install Owner Supplied, 1 Lamp High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.20 11.46	
26 01 50 52-0417	EA		Install Owner Supplied, 2 Lamp High Intensity Discharge (HID) Ballast <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.38 12.11	
26 01 50 53			Lens and Accessory Replacement <small>(26 01 50)</small>		
26 01 50 53-0001			Lens and Accessory Replacement <small>(26 01 50 53)</small>		
26 01 50 53-0002	EA		Removal And Replacement Of Parabolic Aluminum Louver	81.10	
26 01 50 53-0003	EA		Removal And Replacement Of Visor For Fixtures	174.83	
26 01 50 53-0004	EA		Removal And Replacement Of Globe On Pole	201.15	
26 01 50 53-0005	EA		Removal And Replacement Of Lenses For Flat Top Pole Fixtures	82.97	
26 01 50 53-0006	EA		Removal And Replacement Of 1' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	28.22	
26 01 50 53-0007	EA		Removal And Replacement Of 2' x 2' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	29.26	
26 01 50 53-0008	EA		Removal And Replacement Of 2' x 4' Diffuser With 0.125" Thick Prismatic Acrylic Diffuser	33.76	
26 01 50 53-0009	EA		Removal And Replacement Of Slide-On Lampholder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.52 3.27	
26 01 50 53-0010	EA		Removal And Replacement Of Screw Mount Lampholder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.68 3.27	
26 01 50 53-0011	EA		Removal And Replacement Of Medium Bi-Pin Lampholder <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.05 3.27	
26 01 50 53-0012	EA		Removal And Replacement Of Fixed High Output Lampholder, Recessed, Double Contact Double Pedestal Type <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.16 3.27	
26 01 50 53-0013	EA		Removal And Replacement Of Plunger High Output Lampholder, Recessed, Double Contact Double Pedestal Type <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.54 3.27	
26 01 50 53-0014	EA		Removal And Replacement Of Compact Twin-Tube Lampholder, Snap-in <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.84 3.27	
26 01 50 53-0015	EA		Removal And Replacement Of Exterior Light Globes	54.95	
26 01 50 81			Luminaire Replacement <small>(26 01 50)</small>		
26 01 50 81-0001			Retrofit Lighting Fixtures <small>(26 01 50 81)</small>		
26 01 50 81-0002			LED Lighting Retrofits For Existing Fixtures <small>(26 01 50 81-0001)</small>		
26 01 50 81-0003			LED Lighting Retrofits For Existing Downlight Fixtures (GreenCreative) <small>(26 01 50 81-0002)</small>		
Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.					
26 01 50 81-0004	EA		7" Round Downlight, 15 Watt, 2700K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/927)	99.13	
26 01 50 81-0005	EA		7" Round Downlight, 15 Watt, 3000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/930)	99.13	
26 01 50 81-0006	EA		7" Round Downlight, 15 Watt, 4000K CCT, LED Retrofit (GreenCreative 15SMPR7DIM/940)	99.13	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 01 50 81-0007	EA		4" Diameter, 8.5 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/827).....	81.46	
	26 01 50 81-0008	EA		4" Diameter, 8.5 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/830).....	81.46	
	26 01 50 81-0009	EA		4" Diameter, 8.5 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 8.5DLNC4DIM/840).....	81.46	
	26 01 50 81-0010	EA		6" Diameter, 11.6 Watt, 2700K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/827).....	88.90	
	26 01 50 81-0011	EA		6" Diameter, 11.6 Watt, 3000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/830).....	88.90	
	26 01 50 81-0012	EA		6" Diameter, 11.6 Watt, 4000K CCT, THINFIT LED Downlight, (GreenCreative 11.6DLNC6DIM/840).....	88.90	
26 01 50 81-0013	LED Lighting Retrofits For Existing Site Fixtures (Daylight Technology) <small>(26 01 50 81-0002)</small>					
	Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.					
	26 01 50 81-0014	EA		2,300 Lumens, 23 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-20w)	290.19	
	26 01 50 81-0015	EA		3,300 Lumens, 33 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-30w)	301.35	
	26 01 50 81-0016	EA		4,400 Lumens, 44 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-40w)	312.51	
	26 01 50 81-0017	EA		5,400 Lumens, 54 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-50w)	325.83	
	26 01 50 81-0018	EA		6,500 Lumens, 65 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-60w)	358.37	
	26 01 50 81-0019	EA		7,600 Lumens, 75 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-70w)	371.71	
	26 01 50 81-0020	EA		8,600 Lumens, 86 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-80w)	402.39	
	26 01 50 81-0021	EA		9,600 Lumens, 96 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-90w)	413.55	
	26 01 50 81-0022	EA		10,700 Lumens, 107 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-100w)	426.88	
	26 01 50 81-0023	EA		11,700 Lumens, 117 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-110w)	447.33	
	26 01 50 81-0024	EA		12,800 Lumens, 128 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-120w)	469.04	
	26 01 50 81-0025	EA		13,800 Lumens, 138 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-130w)	490.42	
	26 01 50 81-0026	EA		14,900 Lumens, 149 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-140w)	501.58	
	26 01 50 81-0027	EA		16,100 Lumens, 161 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-150w)	520.17	
	26 01 50 81-0028	EA		17,200 Lumens, 172 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-160w)	542.03	
	26 01 50 81-0029	EA		18,200 Lumens, 182 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-170w)	565.27	
	26 01 50 81-0030	EA		19,300 Lumens, 193 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-180w)	600.60	
	26 01 50 81-0031	EA		20,300 Lumens, 203 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-190w)	616.40	
	26 01 50 81-0032	EA		21,400 Lumens, 214 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-200w)	643.67	
	26 01 50 81-0033	EA		22,400 Lumens, 224 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-210w)	679.93	
	26 01 50 81-0034	EA		23,500 Lumens, 235 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-220w)	698.53	
	26 01 50 81-0035	EA		24,500 Lumens, 245 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-230w)	742.70	
	26 01 50 81-0036	EA		25,600 Lumens, 256 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-240w)	783.61	
	26 01 50 81-0037	EA		26,600 Lumens, 266 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-250w)	811.81	
	26 01 50 81-0038	EA		27,700 Lumens, 277 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-260w)	851.79	
	26 01 50 81-0039	EA		28,700 Lumens, 287 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-270w)	929.27	
	26 01 50 81-0040	EA		29,800 Lumens, 298 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-280w)	938.57	
	26 01 50 81-0041	EA		31,900 Lumens, 319 Watt, LED Site Retrofit Plate (Daylight Technology DL-S-300w)	962.29	
26 01 50 81-0042	LED Lighting Retrofits For Existing Fixtures (Optilumen) <small>(26 01 50 81-0002)</small>					
	Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.					
	26 01 50 81-0043	EA		20 Watt, 1 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT1418M-35)..... Note: Fits 1' x 4' Troffer/Strip	123.21	
	26 01 50 81-0044	EA		20 Watt, 1 x 42", 4000L CCT, LED Retrofit Kit (Optilumen RKT1418M-40)..... Note: Fits 1' x 4' Troffer/Strip	123.21	
	26 01 50 81-0045	EA		20 Watt, 1 x 42", 5000L CCT, LED Retrofit Kit (Optilumen RKT1418M-50)..... Note: Fits 1' x 4' Troffer/Strip	123.21	
	26 01 50 81-0046	EA		30 Watt, 2 x 42", 3500L CCT, LED Retrofit Kit (Optilumen RKT2415M-35)..... Note: Fits 2' x 4' Troffer/Strip	127.86	
	26 01 50 81-0047	EA		2 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2415M-40)	127.86	
	26 01 50 81-0048	EA		2 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2415M-50)	127.86	
	26 01 50 81-0049	EA		2 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2418M-35)	137.15	
	26 01 50 81-0050	EA		2 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2418M-40)	137.15	
	26 01 50 81-0051	EA		2 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2418M-50)	137.15	
	26 01 50 81-0052	EA		3 x 42", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3415M-35)	127.86	
	26 01 50 81-0053	EA		3 x 42", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3415M-40)	127.86	
	26 01 50 81-0054	EA		3 x 42", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3415M-50)	127.86	
	26 01 50 81-0055	EA		3 x 42", 40 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3418M-35)	137.15	
	26 01 50 81-0056	EA		3 x 42", 40 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3418M-40)	137.15	
	26 01 50 81-0057	EA		3 x 42", 40 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3418M-50)	137.15	
	26 01 50 81-0058	EA		3 x 42", 60 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3424M-35)	155.75	
	26 01 50 81-0059	EA		3 x 42", 60 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3424M-40)	155.75	
	26 01 50 81-0060	EA		3 x 42", 60 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3424M-50)	155.75	
	26 01 50 81-0061	EA		1 x 21", 10 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT1209M-35)	123.21	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0062	EA		1 x 21", 10 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT1209M-40) Note: Fits 1' x 2' Troffer/Strip	123.21	
26 01 50 81-0063	EA		1 x 21", 10 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT1209M-50) Note: Fits 1' x 2' Troffer/Strip	123.21	
26 01 50 81-0064	EA		2 x 21", 22 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT2209M-35) Note: Fits 2' x 2' Troffer/Strip	123.21	
26 01 50 81-0065	EA		2 x 21", 22 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT2209M-40) Note: Fits 2' x 2' Troffer/Strip	123.21	
26 01 50 81-0066	EA		2 x 21", 22 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT2209M-50) Note: Fits 2' x 2' Troffer/Strip	123.21	
26 01 50 81-0067	EA		3 x 21", 20 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3209M-35) Note: Fits 2' x 2' Troffer/Strip	127.86	
26 01 50 81-0068	EA		3 x 21", 20 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3209M-40) Note: Fits 2' x 2' Troffer/Strip	127.86	
26 01 50 81-0069	EA		3 x 21", 20 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3209M-50) Note: Fits 2' x 2' Troffer/Strip	127.86	
26 01 50 81-0070	EA		3 x 21", 30 Watt, 3500K CCT, LED Retrofit Kit (Optilumen RKT3210M-35) Note: Fits 2' x 2' Troffer/Strip	133.43	
26 01 50 81-0071	EA		3 x 21", 30 Watt, 4000K CCT, LED Retrofit Kit (Optilumen RKT3210M-40) Note: Fits 2' x 2' Troffer/Strip	133.43	
26 01 50 81-0072	EA		3 x 21", 30 Watt, 5000K CCT, LED Retrofit Kit (Optilumen RKT3210M-50) Note: Fits 2' x 2' Troffer/Strip	133.43	
26 01 50 81-0073			LED Lighting Retrofits For Existing Lay-In/Troffer Fixtures (LG) <small>(26 01 50 81-0002)</small> Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0074	EA		34 Watt, 3500K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-35-4400-R(W)-SN).....	277.39	
26 01 50 81-0075	EA		34 Watt, 4000K CCT, 2' x 4', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X4RT-34-40-4500-R(W)-SN).....	277.39	
26 01 50 81-0076	EA		26 Watt, 3500K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-35-3400-R(W)-SN).....	250.43	
26 01 50 81-0077	EA		26 Watt, 4000K CCT, 2' x 2', Retrofit Troffer LED Fixture With Sensor (LG LGE-2X2RT-26-40-3400-R(W)-SN).....	250.43	
26 01 50 81-0078	EA		25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-35-3200-RV) Note: No sensor, ZigBee ready driver	125.21	
26 01 50 81-0079	EA		25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer (LG LGE-2X2SI-25-40-3200-RV) Note: No sensor, ZigBee ready driver	125.21	
26 01 50 81-0080	EA		31 Watt, 4,050 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-35-3200-RV) Note: No sensor, ZigBee ready driver	142.87	
26 01 50 81-0081	EA		31 Watt, 4,050 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer (LG LGE-2X2SI-31-40-3200-RV) Note: No sensor, ZigBee ready driver	142.87	
26 01 50 81-0082	EA		25 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-35-3200-RV)..... Note: Factory installed sensor and ZigBee dongle	155.89	
26 01 50 81-0083	EA		25 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 2' Troffer With Sensor Connect (LG LGE-2X2SC-25-40-3200-RV)..... Note: Factory installed sensor and ZigBee dongle	155.89	
26 01 50 81-0084	EA		31 Watt, 3,250 Lumens, 3500K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-35-3200-RV)..... Note: Factory installed sensor and ZigBee dongle	160.53	
26 01 50 81-0085	EA		31 Watt, 3,250 Lumens, 4000K CCT, Lay-In Retrofit 2' x 4' Troffer With Sensor Connect (LG LGE-2X2SC-31-40-3200-RV)..... Note: Factory installed sensor and ZigBee dongle	160.53	
26 01 50 81-0086	EA		2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-2BDK-25-35-3120)..... Note: No sensor, ZigBee ready driver	98.24	
26 01 50 81-0087	EA		2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-2BDK-25-40-3120)..... Note: No sensor, ZigBee ready driver	98.24	
26 01 50 81-0088	EA		2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, Retrofit Board Kits (LG LGE-4BDK-31-35-3880)..... Note: No sensor, ZigBee ready driver	109.40	
26 01 50 81-0089	EA		2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, Retrofit Board Kits (LG LGE-4BDK-31-40-3880)..... Note: No sensor, ZigBee ready driver	109.40	
26 01 50 81-0090	EA		2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-35-3120-L)..... Note: No sensor, ZigBee ready driver	101.03	
26 01 50 81-0091	EA		2' x 2' 2-Board, 25 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-2BDK-25-40-3120-L)..... Note: No sensor, ZigBee ready driver	101.03	
26 01 50 81-0092	EA		2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 3500K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-35-3880-L)..... Note: No sensor, ZigBee ready driver	112.19	
26 01 50 81-0093	EA		2' x 4' 4-Board, 31 Watt, 3,120 Lumens, 4000K CCT, With Lens Retrofit Board Kits (LG LGE-4BDK-31-40-3880-L)..... Note: No sensor, ZigBee ready driver	112.19	
26 01 50 81-0094	EA		6" Diameter, 16 Watt, 1,450 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-35-1450)..... Note: No sensor, ZigBee ready driver	100.10	
26 01 50 81-0095	EA		6" Diameter, 16 Watt, 1,450 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-16-40-1450)..... Note: No sensor, ZigBee ready driver	100.10	
26 01 50 81-0096	EA		8" Diameter, 22 Watt, 2,000 Lumens, 3500K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-35-2000)..... Note: No sensor, ZigBee ready driver	108.47	
26 01 50 81-0097	EA		8" Diameter, 22 Watt, 2,000 Lumens, 4000K CCT, Comm Retrofit Downlight (LG LGE-CRDL-22-40-2000)..... Note: No sensor, ZigBee ready driver	108.47	
26 01 50 81-0098			LED Lighting Retrofit Accessories (LG) <small>(26 01 50 81-0002)</small> See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0099	EA		Dongle (LG LGE-DONGLE).....	24.02	
26 01 50 81-0100	EA		1-group On/Off/Dim, 2-Button, Wireless Switch (LG LGE-SWITCH-BAT-2B).....	131.56	12.41
26 01 50 81-0101	EA		2-group On/Off/Dim, 4-Button, Wireless Switch (LG LGE-SWITCH-BAT-4B).....	136.52	14.88
26 01 50 81-0102	EA		1-group On/Off/Dim, 2-Button, AC Powered Switch (LG LGE-SWITCH-AC-2B).....	169.68	12.41
26 01 50 81-0103	EA		2-group On/Off/Dim, 4-Button, AC Powered Switch (LG LGE-SWITCH-AC-4B).....	174.64	14.88

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0104 EA Photo, Motion Sensor With ZigBee Dongle plugin (LG LGE-MULTI-SENSOR)	86.57	9.93
26 01 50 81-0105 EA Tube Clip For Multi Sensor (LG LGE-TUBE-CLIP)	27.70	9.93
26 01 50 81-0106 EA Ceiling Plate For Multi Sensor (LG LGE-CEILING-PLATE)	29.93	9.93
26 01 50 81-0107 EA Wireless Interface Module (LG PIHN-W005A)..... Note: includes dongle	80.28	14.88
26 01 50 81-0108 Retrofit Existing (T12) Fluorescent Fixtures <small>(26 01 50 81-0001)</small> Note: Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling, 02 84 16 00-0008 for leaking ballast disposal.		
26 01 50 81-0109 Retrofit Existing (T12) Strip Style Fluorescent Fixtures Without Reflector <small>(26 01 50 81-0108)</small> Note: Includes ballast, white reflective ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 81-0110 EA Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate One 4' (T8) Lamp..... <i>For Specular Ballast Cover, Add</i>	99.57 12.30	
26 01 50 81-0111 EA Retrofit An Existing 4' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Ballast Cover, Add</i>	105.80 13.54	
26 01 50 81-0112 EA Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Ballast Cover, Add</i>	146.31 21.64	
26 01 50 81-0113 EA Retrofit An Existing 8' (T12) Strip Style Fixture Without Reflector To Operate Four 4' (T8) Lamps..... <i>For Specular Ballast Cover, Add</i>	167.71 25.92	
26 01 50 81-0114 Retrofit Existing (T12) Strip Style Fluorescent Fixtures With Reflector <small>(26 01 50 81-0108)</small> Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 81-0115 EA Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate One 4' (T8) Lamp..... <i>For Specular Reflector, Add</i>	105.53 17.05	
26 01 50 81-0116 EA Retrofit An Existing 4' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	112.47 17.05	
26 01 50 81-0117 EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Two 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	154.65 17.05	
26 01 50 81-0118 EA Retrofit An Existing 8' (T12) Strip Style Fixture With Reflector To Operate Four 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	196.72 17.05	
26 01 50 81-0119 Retrofit Existing (T12) Troffer Style Fluorescent Fixtures <small>(26 01 50 81-0108)</small> Note: Includes ballast, white reflector and ballast cover, lamps, lamp holders, clips, wiring, cable connectors and cleaning of fixture.		
26 01 50 81-0120 EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate One 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	131.90 17.05	
26 01 50 81-0121 EA Retrofit An Existing 1 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	138.13 17.05	
26 01 50 81-0122 EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Two 2' (T8) Lamps..... <i>For Specular Reflector, Add</i>	141.62 17.05	
26 01 50 81-0123 EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Three 2' (T8) Lamps..... <i>For Specular Reflector, Add</i>	158.84 17.05	
26 01 50 81-0124 EA Retrofit An Existing 2 x 2 (T12) Troffer Style Fixture To Operate Four 2' (T8) Lamps..... <i>For Specular Reflector, Add</i>	193.14 17.05	
26 01 50 81-0125 EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Two 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	145.28 17.05	
26 01 50 81-0126 EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Three 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	159.56 17.05	
26 01 50 81-0127 EA Retrofit An Existing 2 x 4 (T12) Troffer Style Fixture To Operate Four 4' (T8) Lamps..... <i>For Specular Reflector, Add</i>	171.45 17.05	
26 01 50 81-0128 Retrofit Existing Recessed Lay-In/Troffer Fixtures <small>(26 01 50 81-0001)</small>		
26 01 50 81-0129 Fluorescent Volumetric Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Lithonia) <small>(26 01 50 81-0128)</small> Note: Includes removing existing lamps and ballast. Includes installing adaptor frame, volumetric reflectors, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0130 EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.99	
26 01 50 81-0131 EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.99	
26 01 50 81-0132 EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	157.99	
26 01 50 81-0133 EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	171.81	
26 01 50 81-0134 EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.99	
26 01 50 81-0135 EA 2 T8 Lamps, 0.88 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.99	
26 01 50 81-0136 EA 2 T8 Lamps, 1.20 Ballast Factor, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	157.99	
26 01 50 81-0137 EA 2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 4', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT)	171.81	
26 01 50 81-0138 EA 2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R)	158.99	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0139	EA		2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	158.99	
26 01 50 81-0140	EA		2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	158.99	
26 01 50 81-0141	EA		2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Parabolic Recessed Fluorescent Fixtures (Lithonia 2RT8R).....	172.81	
26 01 50 81-0142	EA		2 T8 Lamps, 0.78 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	158.99	
26 01 50 81-0143	EA		2 T8 Lamps, 0.88 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	158.99	
26 01 50 81-0144	EA		2 T8 Lamps, 1.20 Ballast Factor, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	158.99	
26 01 50 81-0145	EA		2 T8 Lamps, 0.88 Ballast Factor, Step Dimming Ballast, 2' x 2', Volumetric Lighting Retrofit For Existing Lensed Recessed Fluorescent Fixtures (Lithonia 2RT8RT).....	172.81	
26 01 50 81-0146			LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (PlanLED) <small>(26 01 50 81-0128)</small>		
			Note: Includes adaptor frame, optical system, LEDs and driver. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0147	EA		2,400 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-025).....	218.21	
26 01 50 81-0148	EA		4,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (PlanLED FR3E-045).....	227.61	
26 01 50 81-0149			LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Raffino™) <small>(26 01 50 81-0128)</small>		
			Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0150	EA		1,800 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-1800L).....	339.50	
26 01 50 81-0151	EA		2,600 Lumens, 1' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR14-2700L).....	347.80	
26 01 50 81-0152	EA		2,200 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-2200L).....	339.50	
26 01 50 81-0153	EA		3,300 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR22-3300L).....	347.80	
26 01 50 81-0154	EA		3,300 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-3000L).....	389.31	
26 01 50 81-0155	EA		4,150 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-4000L).....	401.76	
26 01 50 81-0156	EA		5,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Raffino™ LR24-5000L).....	430.81	
26 01 50 81-0157			LED Architectural Lighting Retrofits For Existing Recessed Lay-In/Troffer Fixtures (Orion) <small>(26 01 50 81-0128)</small>		
			Note: Includes removing existing lamps and disconnecting existing ballast. Includes installing adaptor frame, LED light panel, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0158	EA		3,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-030L-FO-UNV-FDX-840-22-1P-CT-M-ST).....	314.10	
26 01 50 81-0159	EA		3,500 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-035L-FO-UNV-FDX-840-22-1P-CT-M-ST).....	325.68	
26 01 50 81-0160	EA		3,200 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-032L-FO-UNV-FDX-840-24-1P-CT-M-ST).....	329.15	
26 01 50 81-0161	EA		3,800 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDR-038L-FO-UNV-FDX-840-24-1P-CT-M-ST).....	340.73	
26 01 50 81-0162	EA		2,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1A1UNVFDX84022MST).....	235.95	
26 01 50 81-0163	EA		4,000 Lumens, 2' x 2', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1B1UNVFDX84022MST).....	241.45	
26 01 50 81-0164	EA		3,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1D1UNVFDX84024MST).....	250.25	
26 01 50 81-0165	EA		4,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1E1UNVFDX84024MST).....	255.74	
26 01 50 81-0166	EA		6,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (Orion LDRE1F1UNVFDX84024MST).....	317.34	
26 01 50 81-0167	EA		8,000 Lumens, 2' x 4', LED Architectural Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (ORION LDRE1G1UNVFDX84024MST).....	378.93	
26 01 50 81-0168			Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components) <small>(26 01 50 81-0128)</small>		
			Note: Includes adaptor frame, optical system, lamps and ballasts. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 01 50 81-0169	EA		1 T5 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	279.96	
26 01 50 81-0170	EA		1 T8 Lamp, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	207.19	
26 01 50 81-0171	EA		2 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	287.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0172 EA 2 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	214.95	
26 01 50 81-0173 EA 3 T5 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	301.83	
26 01 50 81-0174 EA 3 T8 Lamps, 2' x 2', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	234.77	
26 01 50 81-0175 EA 1 T5 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	331.81	
26 01 50 81-0176 EA 1 T8 Lamp, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	258.86	
26 01 50 81-0177 EA 2 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	339.12	
26 01 50 81-0178 EA 2 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	266.25	
26 01 50 81-0179 EA 3 T5 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	352.99	
26 01 50 81-0180 EA 3 T8 Lamps, 2' x 4', Fluorescent Direct-Indirect Louver Lighting Retrofit For Existing Recessed Lay-In/Troffer Fixtures (A.L.P. Lighting Components).....	285.96	
26 01 50 81-0181 LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT) <small>(26 01 50 81-0128)</small>		
<i>Note: Includes removing existing lamps and ballast. Includes installing LED light engine assembly, dimming driver and trim. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.</i>		
26 01 50 81-0182 EA 3,300 Lumens, 2' x 2', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL2R/RT).....	631.40	
26 01 50 81-0183 EA 4,800 Lumens, 2' x 4', LED Volumetric Lighting Retrofit For Existing Lensed Or Parabolic Recessed Lay-In/Troffer Fixtures (Lithonia 2VTL4R/RT).....	702.18	
26 01 50 81-0184 Retrofit Existing HID Fixtures <small>(26 01 50 81-0001)</small>		
26 01 50 81-0185 EA Tear Drop LED Retrofit Kit (Holophane LTDR2 P35S 40K AS BK TDRD 3 P).....	1,432.22	
26 01 50 81-0186 Retrofit Existing Recessed Can Fixtures <small>(26 01 50 81-0001)</small>		
26 01 50 81-0187 EA 8" LED Can Retrokit, 2400 Lumens, 3500K, 277 Volt, 0-10 Volt, Open Reflector, Haze Trim (Juno Lighting JCLR8L 24LM 35K 80CRI MVOLT ZT HZWH).....	243.13	29.77
<i>For >25 To 50, Deduct</i>	-12.16	
<i>For >50 To 100, Deduct</i>	-19.35	
<i>For >100, Deduct</i>	-28.78	
26 01 50 81-0188 EA 6" Round, 1,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN6RV 35/15 LR 6 AR LD MVOLT EZ1 LH NLTAIR2).....	292.76	
<i>For >25 To 50, Deduct</i>	-14.64	
<i>For >50 To 100, Deduct</i>	-23.31	
<i>For >100, Deduct</i>	-34.71	
26 01 50 81-0189 EA 6" Round, 1,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN6RV 35/15 LRW 6 AR LD MVOLT EZ1 LH).....	292.76	
<i>For >25 To 50, Deduct</i>	-14.64	
<i>For >50 To 100, Deduct</i>	-23.31	
<i>For >100, Deduct</i>	-34.71	
26 01 50 81-0190 EA 6" Round, 1,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN6RV 35/15 LR6 LD MVOLT EZ1 NLTAIR2).....	255.09	
<i>For >25 To 50, Deduct</i>	-12.75	
<i>For >50 To 100, Deduct</i>	-20.49	
<i>For >100, Deduct</i>	-30.94	
26 01 50 81-0191 EA 6" Round, 800 Lumens, 3500K CCT, Recessed Can LED Retrofit Kit (Acuity Lighting LRT6-08LM35K277G4-80CRI-ZT-F-P-PF).....	309.27	
<i>For >25 To 50, Deduct</i>	-15.46	
<i>For >50 To 100, Deduct</i>	-24.31	
<i>For >100, Deduct</i>	-35.39	
26 01 50 81-0192 EA 8" Round, 1,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN8RV 35/15 LR 8 AR LD MVOLT EZ1 LH NLTAIR2).....	290.32	
<i>For >25 To 50, Deduct</i>	-14.52	
<i>For >50 To 100, Deduct</i>	-23.13	
<i>For >100, Deduct</i>	-34.46	
26 01 50 81-0193 EA 8" Round, 1,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN8RV 35/15 LR 8 AR LD MVOLT EZ1 LH).....	340.96	
<i>For >25 To 50, Deduct</i>	-17.05	
<i>For >50 To 100, Deduct</i>	-26.93	
<i>For >100, Deduct</i>	-39.53	
26 01 50 81-0194 EA 8" Round, 1,500 Lumens, 4000K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN8RV 40/15 LR 8 AR LD MVOLT EZ1 LH).....	340.96	
<i>For >25 To 50, Deduct</i>	-17.05	
<i>For >50 To 100, Deduct</i>	-26.93	
<i>For >100, Deduct</i>	-39.53	
26 01 50 81-0195 EA 8" Round, 1,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN8RV 35/15 LRW 8 AR LD MVOLT EZ1 LH NLTAIR2).....	292.76	
<i>For >25 To 50, Deduct</i>	-14.64	
<i>For >50 To 100, Deduct</i>	-23.31	
<i>For >100, Deduct</i>	-34.71	
26 01 50 81-0196 EA 8" Round, 2,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN8RV 35/25 LRW 8 AR LD MVOLT GZ1 LH).....	276.91	
<i>For >25 To 50, Deduct</i>	-13.85	
<i>For >50 To 100, Deduct</i>	-22.13	
<i>For >100, Deduct</i>	-33.12	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0197	EA		8" Round, 1,500 Lumens, 3500K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN8RV 35/15 LR8 LD MVOLT EZ1 NLTAIR2).....	292.76	
			<i>For >25 To 50, Deduct</i>	-14.64	
			<i>For >50 To 100, Deduct</i>	-23.31	
			<i>For >100, Deduct</i>	-34.71	
26 01 50 81-0198	EA		8" Round, 1,500 Lumens, 4000K CCT, LED Recessed Can Retrofit Kit (Lithonia LDN8RV 40/15 LR8 LD MVOLT EZ1 NLTAIR2).....	340.96	
			<i>For >25 To 50, Deduct</i>	-17.05	
			<i>For >50 To 100, Deduct</i>	-26.93	
			<i>For >100, Deduct</i>	-39.53	
26 01 50 81-0199	EA		12" Round, 1,300 Lumens, 4000K CCT, Recessed Can LED Retrofit Kit (Lithonia LRT12 13LM 40K MVOLT 80CRI ZT HN CD PF).....	481.44	
			<i>For >25 To 50, Deduct</i>	-24.07	
			<i>For >50 To 100, Deduct</i>	-37.47	
			<i>For >100, Deduct</i>	-53.59	
26 01 50 81-0200			LED Lighting Retrofits For Existing Fluorescent Fixtures <small>(26 01 50 81-0001)</small> Note: Excludes recycling or disposal of lamps and ballasts.		
26 01 50 81-0201			LED Lightbar Retrofit For Existing Fluorescent Fixtures (Lithonia) <small>(26 01 50 81-0200)</small>		
26 01 50 81-0202	EA		2' Length, 2 Bar, 2,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 2 2000LMHE 80CRI 35K MIN10 GZT MVOLT).....	113.52	
			<i>For >25 To 50, Deduct</i>	-5.68	
			<i>For >50 To 100, Deduct</i>	-9.74	
			<i>For >100, Deduct</i>	-16.25	
26 01 50 81-0203	EA		2' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 2FT 4 8000LMHE 80CRI MIN10 GZT MVOLT).....	168.86	
			<i>For >25 To 50, Deduct</i>	-8.44	
			<i>For >50 To 100, Deduct</i>	-13.89	
			<i>For >100, Deduct</i>	-21.78	
26 01 50 81-0204	EA		3' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT).....	123.75	
			<i>For >25 To 50, Deduct</i>	-6.19	
			<i>For >50 To 100, Deduct</i>	-10.57	
			<i>For >100, Deduct</i>	-17.54	
26 01 50 81-0205	EA		3' Length, 1 Bar, 1,600 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 3FT 1 1600LMHE 80CRI 35K MIN10 GZT MVOLT).....	112.96	
			<i>For >25 To 50, Deduct</i>	-5.65	
			<i>For >50 To 100, Deduct</i>	-9.76	
			<i>For >100, Deduct</i>	-16.47	
26 01 50 81-0206	EA		4' Length, 2 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 6000LMHE 80CRI 35K MIN10 GZT MVOLT).....	150.32	
			<i>For >25 To 50, Deduct</i>	-7.52	
			<i>For >50 To 100, Deduct</i>	-12.63	
			<i>For >100, Deduct</i>	-20.47	
26 01 50 81-0207	EA		4' Length, 4 Bar, 6,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 6000LMHE 80CRI 35K MIN10 GZT MVOLT).....	198.27	
			<i>For >25 To 50, Deduct</i>	-9.91	
			<i>For >50 To 100, Deduct</i>	-16.23	
			<i>For >100, Deduct</i>	-25.27	
26 01 50 81-0208	EA		4' Length, 1 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 3000LMHE 80CRI 35K MIN10 GZT MVOLT).....	122.34	
			<i>For >25 To 50, Deduct</i>	-6.12	
			<i>For >50 To 100, Deduct</i>	-10.54	
			<i>For >100, Deduct</i>	-17.68	
26 01 50 81-0209	EA		4' Length, 1 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 1 4000LMHE 80CRI 35K MIN10 GZT MVOLT).....	122.34	
			<i>For >25 To 50, Deduct</i>	-6.12	
			<i>For >50 To 100, Deduct</i>	-10.54	
			<i>For >100, Deduct</i>	-17.68	
26 01 50 81-0210	EA		4' Length, 4 Bar, 8,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 4 8000LMHE 80CRI 35K MIN10 GZT MVOLT).....	159.91	
			<i>For >25 To 50, Deduct</i>	-8.00	
			<i>For >50 To 100, Deduct</i>	-13.35	
			<i>For >100, Deduct</i>	-21.43	
26 01 50 81-0211	EA		4' Length, 2 Bar, 4,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 4000LMHE 80CRI 35K MIN10 GZT MVOLT).....	134.33	
			<i>For >25 To 50, Deduct</i>	-6.72	
			<i>For >50 To 100, Deduct</i>	-11.44	
			<i>For >100, Deduct</i>	-18.87	
26 01 50 81-0212	EA		4' Length, 2 Bar, 3,000 Lumens, 3500K CCT, Lightbar Kit LED Retrofit System (Lithonia LBK 4FT 2 3000LMHE 80CRI 35K MIN10 GZT MVOLT).....	134.33	
			<i>For >25 To 50, Deduct</i>	-6.72	
			<i>For >50 To 100, Deduct</i>	-11.44	
			<i>For >100, Deduct</i>	-18.87	
26 01 50 81-0213			LED Retrofit For Existing Fluorescent Fixtures (Lithonia) <small>(26 01 50 81-0200)</small>		
26 01 50 81-0214	EA		1'x 4', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	281.04	
			<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	191.26	
			<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	124.32	
			<i>For >25 To 50, Deduct</i>	-14.05	
			<i>For >50 To 100, Deduct</i>	-22.44	
			<i>For >100, Deduct</i>	-33.55	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 01 50 81-0215 EA 1'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2).....	303.72	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	191.26	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	124.32	
<i>For >25 To 50, Deduct</i>	-15.19	
<i>For >50 To 100, Deduct</i>	-24.14	
<i>For >100, Deduct</i>	-35.81	
26 01 50 81-0216 EA 2'x 2', 3,300 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R 33LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	320.67	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	191.26	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	124.32	
<i>For >25 To 50, Deduct</i>	-16.03	
<i>For >50 To 100, Deduct</i>	-25.41	
<i>For >100, Deduct</i>	-37.51	
26 01 50 81-0217 EA 2'x 2', 4,000 Lumens, 3500K CCT, Square Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT2R F 40LHE SDSMT MVOLT EZ1 LP835 NLTAIR2).....	347.17	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	191.26	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	124.32	
<i>For >25 To 50, Deduct</i>	-17.36	
<i>For >50 To 100, Deduct</i>	-27.40	
<i>For >100, Deduct</i>	-40.16	
26 01 50 81-0218 EA 2'x 4', 4,000 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 40LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO).....	371.11	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	191.26	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	124.32	
<i>For >25 To 50, Deduct</i>	-18.56	
<i>For >50 To 100, Deduct</i>	-29.47	
<i>For >100, Deduct</i>	-43.64	
26 01 50 81-0219 EA 2'x 4', 4,800 Lumens, 3500K CCT, Curved Smooth Diffuser, Dimming LED Relight Assembly (Lithonia 2BLT4R 48LHE ADSMT MVOLT EZ1 LP835 NLTAIR2 RIO).....	401.87	
<i>For nLight AIR PIR integral occupancy sensor with automatic dimming photocell for Networking Capabilities Individual Control (nLight RES7), Add</i>	191.26	
<i>For nLight AIR radio module without sensor (nLight RIO), Add</i>	124.32	
<i>For >25 To 50, Deduct</i>	-20.09	
<i>For >50 To 100, Deduct</i>	-31.77	
<i>For >100, Deduct</i>	-46.72	
26 01 50 81-0220 LED Lighting Retrofits For Existing Fluorescent Fixtures (ELED Lights)^(26 01 50 81-0200)		
<i>Note: Includes removal of existing fluorescent lamps, installing LED strip lighting and trim. Excludes recycling or disposal of lamps. See CSI section 02 84 16 00-0003 for ballast recycling.</i>		
26 01 50 81-0221 EA 2' Dimmable, 20 Watts, 2900 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W40).....	99.21	
<i>Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For >25 To 50, Deduct</i>	-4.96	
<i>For >50 To 100, Deduct</i>	-8.67	
<i>For >100, Deduct</i>	-14.82	
26 01 50 81-0222 EA 2' Dimmable, 20 Watts, 2900 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X2STRPD20W50).....	99.21	
<i>Note: Kit contains two 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For >25 To 50, Deduct</i>	-4.96	
<i>For >50 To 100, Deduct</i>	-8.67	
<i>For >100, Deduct</i>	-14.82	
26 01 50 81-0223 EA 4' Dimmable, 32 Watts, 5000 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W40).....	131.57	
<i>Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For >25 To 50, Deduct</i>	-6.58	
<i>For >50 To 100, Deduct</i>	-11.23	
<i>For >100, Deduct</i>	-18.60	
26 01 50 81-0224 EA 4' Dimmable, 32 Watts, 5000 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD32W50).....	131.57	
<i>Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For >25 To 50, Deduct</i>	-6.58	
<i>For >50 To 100, Deduct</i>	-11.23	
<i>For >100, Deduct</i>	-18.60	
26 01 50 81-0225 EA 4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30).....	131.68	
<i>Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver</i>		
<i>For >25 To 50, Deduct</i>	-6.58	
<i>For >50 To 100, Deduct</i>	-11.24	
<i>For >100, Deduct</i>	-18.61	
26 01 50 81-0226 EA 4' Dimmable, 35 Watts, 5500 Lumens, 3000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN30F).....	144.05	
<i>Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver</i>		
<i>For >25 To 50, Deduct</i>	-7.20	
<i>For >50 To 100, Deduct</i>	-12.16	
<i>For >100, Deduct</i>	-19.85	

26 Electrical**26 01 Operation and Maintenance of Electrical Systems****26 01 50 Operation and Maintenance of Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0227	EA		4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35)	131.68	
			Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-6.58	
			<i>For >50 To 100, Deduct</i>	-11.24	
			<i>For >100, Deduct</i>	-18.61	
26 01 50 81-0228	EA		4' Dimmable, 35 Watts, 5500 Lumens, 3500K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN35F)	144.05	
			Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-7.20	
			<i>For >50 To 100, Deduct</i>	-12.16	
			<i>For >100, Deduct</i>	-19.85	
26 01 50 81-0229	EA		4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40)	131.68	
			Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-6.58	
			<i>For >50 To 100, Deduct</i>	-11.24	
			<i>For >100, Deduct</i>	-18.61	
26 01 50 81-0230	EA		4' Dimmable, 35 Watts, 5500 Lumens, 4000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN40F)	144.05	
			Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-7.20	
			<i>For >50 To 100, Deduct</i>	-12.16	
			<i>For >100, Deduct</i>	-19.85	
26 01 50 81-0231	EA		4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50)	131.68	
			Note: Kit contains four 2-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-6.58	
			<i>For >50 To 100, Deduct</i>	-11.24	
			<i>For >100, Deduct</i>	-18.61	
26 01 50 81-0232	EA		4' Dimmable, 35 Watts, 5500 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4STRPUSA035UN50F)	144.05	
			Note: Kit contains four 2-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-7.20	
			<i>For >50 To 100, Deduct</i>	-12.16	
			<i>For >100, Deduct</i>	-19.85	
26 01 50 81-0233	EA		4' Dimmable, 46 Watts, 6800 Lumens, 5000K, Ultra High Lumen Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 2X4STRPD46W50)	143.94	
			Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-7.20	
			<i>For >50 To 100, Deduct</i>	-12.16	
			<i>For >100, Deduct</i>	-19.84	
26 01 50 81-0234	EA		4' Dimmable, 31 Watts, 5730 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	170.43	
			Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-8.52	
			<i>For >50 To 100, Deduct</i>	-14.14	
			<i>For >100, Deduct</i>	-22.48	
26 01 50 81-0235	EA		4' Dimmable, 31 Watts, 5730 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	185.90	
			Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-9.30	
			<i>For >50 To 100, Deduct</i>	-15.30	
			<i>For >100, Deduct</i>	-24.03	
26 01 50 81-0236	EA		4' Dimmable, 31 Watts, 5730 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	170.43	
			Note: Kit contains two 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-8.52	
			<i>For >50 To 100, Deduct</i>	-14.14	
			<i>For >100, Deduct</i>	-22.48	
26 01 50 81-0237	EA		4' Dimmable, 31 Watts, 5730 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	185.90	
			Note: Kit contains two 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
			<i>For >25 To 50, Deduct</i>	-9.30	
			<i>For >50 To 100, Deduct</i>	-15.30	
			<i>For >100, Deduct</i>	-24.03	
26 01 50 81-0238	EA		20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS BLD-AM20D-480800)	188.78	
			Note: 90-minute emergency battery with DIP switch-selectable power output of 10 Watts, 15 Watts, or 20 Watts		
			<i>For >25 To 50, Deduct</i>	-9.44	
			<i>For >50 To 100, Deduct</i>	-14.43	
			<i>For >100, Deduct</i>	-19.97	
26 01 50 81-0239	EA		20 Watts, Emergency Battery Backup, For Use With 2' And 4' Linear LED Retrofit Kits (ELEDLIGHTS EM-HM-20W)	173.13	
			Note: 90-minute emergency battery with power output of 20 Watts		
			<i>For >25 To 50, Deduct</i>	-8.66	
			<i>For >50 To 100, Deduct</i>	-13.26	
			<i>For >100, Deduct</i>	-18.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 01 50 81-0240 EA 8' Dimmable, 46 Watts, 7400 Lumens, 5000K, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD46W50)	171.09	
Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-8.55	
For >50 To 100, Deduct	-14.60	
For >100, Deduct	-24.18	
26 01 50 81-0241 EA 8' Dimmable, 49 Watts, 6680 Lumens, 5000K, Frosted Lens, Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4X4STRPD49W50F)	178.83	
Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-8.94	
For >50 To 100, Deduct	-15.18	
For >100, Deduct	-24.96	
26 01 50 81-0242 EA 8' Dimmable, 64 Watts, 11850 Lumens, 4000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40)	254.81	
Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-12.74	
For >50 To 100, Deduct	-20.88	
For >100, Deduct	-32.55	
26 01 50 81-0243 EA 8' Dimmable, 64 Watts, 11850 Lumens, 4000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD40F)	285.75	
Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-14.29	
For >50 To 100, Deduct	-23.20	
For >100, Deduct	-35.65	
26 01 50 81-0244 EA 8' Dimmable, 64 Watts, 11850 Lumens, 5000K, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50)	254.81	
Note: Kit contains four 4-foot magnetic linear LED strips, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-12.74	
For >50 To 100, Deduct	-20.88	
For >100, Deduct	-32.55	
26 01 50 81-0245 EA 8' Dimmable, 64 Watts, 11850 Lumens, 5000K, Frosted Lens, High Efficacy Magnetic Linear LED Retrofit Kit (ELEDLIGHTS 4C3STRP031DD50F)	285.75	
Note: Kit contains four 4-foot magnetic linear LED strips, frosted lens covers, connectors, and magnetic-mount LED driver		
For >25 To 50, Deduct	-14.29	
For >50 To 100, Deduct	-23.20	
For >100, Deduct	-35.65	

26 05 Common Work Results for Electrical ⁽²⁶⁾

26 05 13 Medium-Voltage Cables ^(26 05)

26 05 13 16 Medium-Voltage, Single-and Multi-Conductor Cables ^(26 05 13)

26 05 13 16-0001 Wire And Cable ^(26 05 13 16)

Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, testing, and splicing (#8 and lighter). All conductors are copper except as otherwise noted. No special set-up is required. Excludes terminations.

26 05 13 16-0002 5 KV Cable ^(26 05 13 16-0001)

26 05 13 16-0003 Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct ^(26 05 13 16-0002)

26 05 13 16-0004 MLF #6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	3,466.95	870.89
26 05 13 16-0005 MLF #4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	4,120.98	950.92
26 05 13 16-0006 MLF #2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	4,931.33	1,074.40
26 05 13 16-0007 MLF 1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	6,414.40	1,323.70
26 05 13 16-0008 MLF 2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	7,309.50	1,490.60
26 05 13 16-0009 MLF 3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	9,009.29	1,654.53
26 05 13 16-0010 MLF 4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	10,141.59	1,859.03
26 05 13 16-0011 MLF 250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	12,068.98	2,068.25
26 05 13 16-0012 MLF 350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	14,056.35	2,469.44
26 05 13 16-0013 MLF 500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	17,767.00	2,902.78
26 05 13 16-0014 MLF 750 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	26,668.26	3,421.23
26 05 13 16-0015 MLF 1,000 MCM, XLP, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct.....	35,574.98	3,939.44

26 05 13 16-0016 Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial ^(26 05 13 16-0002)

Note: Excludes excavation.

26 05 13 16-0017 MLF #6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,358.09
26 05 13 16-0018 MLF #4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,811.95
26 05 13 16-0019 MLF #2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,313.57
26 05 13 16-0020 MLF 1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,378.02
26 05 13 16-0021 MLF 2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,855.75
26 05 13 16-0022 MLF 3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,349.77
26 05 13 16-0023 MLF 4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,970.82
26 05 13 16-0024 MLF 250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,584.45
26 05 13 16-0025 MLF 350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,677.46
26 05 13 16-0026 MLF 500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,402.71

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0027			Cross-Linked Polyethylene (XLP) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) <small>(26 05 13 16-0002)</small>		
26 05 13 16-0028	MLF	#6 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	2,728.39	543.48	
26 05 13 16-0029	MLF	#4 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,286.35	582.73	
26 05 13 16-0030	MLF	#2 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,195.86	736.91	
26 05 13 16-0031	MLF	1/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,473.17	894.59	
26 05 13 16-0032	MLF	2/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,362.72	1,050.16	
26 05 13 16-0033	MLF	3/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,051.89	1,200.97	
26 05 13 16-0034	MLF	4/0 AWG, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,182.40	1,393.47	
26 05 13 16-0035	MLF	250 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,538.80	1,753.07	
26 05 13 16-0036	MLF	350 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,754.04	2,218.18	
26 05 13 16-0037	MLF	500 MCM, XLP, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	17,887.07	2,786.94	
26 05 13 16-0038			5 KV Non-Shielded Single Copper Conductor <small>(26 05 13 16-0002)</small>		
26 05 13 16-0039	MLF	1/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	7,562.75	1,735.56	
26 05 13 16-0040	MLF	2/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	8,753.54	1,760.50	
26 05 13 16-0041	MLF	3/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	9,944.32	1,785.45	
26 05 13 16-0042	MLF	4/0 AWG, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	10,365.17	1,824.91	
26 05 13 16-0043	MLF	350 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	12,450.94	1,894.52	
26 05 13 16-0044	MLF	500 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	17,859.12	1,985.49	
26 05 13 16-0045	MLF	750 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	27,697.00	2,481.86	
26 05 13 16-0046	MLF	1,000 MCM, 5 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct	31,914.44	3,309.18	
26 05 13 16-0047			Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed In Duct <small>(26 05 13 16-0002)</small>		
26 05 13 16-0048	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	3,699.12	870.89	
26 05 13 16-0049	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	4,434.85	950.92	
26 05 13 16-0050	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	5,335.49	1,074.40	
26 05 13 16-0051	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,154.25	1,198.99	
26 05 13 16-0052	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	6,973.35	1,323.70	
26 05 13 16-0053	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	7,954.44	1,490.60	
26 05 13 16-0054	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	9,886.40	1,654.53	
26 05 13 16-0055	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	11,130.49	1,859.03	
26 05 13 16-0056	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	13,310.70	2,068.25	
26 05 13 16-0057	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	15,475.21	2,469.44	
26 05 13 16-0058	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	19,658.81	2,902.78	
26 05 13 16-0059	MLF	750 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	29,929.55	3,421.23	
26 05 13 16-0060	MLF	1,000 MCM, EPR, 5 KV, Shielded, Single Copper Conductor Cable, Installed In Duct	40,205.72	3,939.44	
26 05 13 16-0061			Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Direct Burial <small>(26 05 13 16-0002)</small>		
			Note: Excludes excavation.		
26 05 13 16-0062	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	3,590.27		
26 05 13 16-0063	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,125.82		
26 05 13 16-0064	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	4,717.73		
26 05 13 16-0065	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,327.81		
26 05 13 16-0066	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	5,936.96		
26 05 13 16-0067	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,500.69		
26 05 13 16-0068	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,226.88		
26 05 13 16-0069	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,959.72		
26 05 13 16-0070	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,826.17		
26 05 13 16-0071	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	12,096.33		
26 05 13 16-0072	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,294.53		
26 05 13 16-0073			Ethylene-Propylene Rubber (EPR) Insulation, 5 KV, Shielded, Single Copper Conductor, 133 Percent Insulation, Installed On Poles (Aerial) <small>(26 05 13 16-0002)</small>		
26 05 13 16-0074	MLF	#6 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	2,960.56	543.48	
26 05 13 16-0075	MLF	#4 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	3,600.22	582.73	
26 05 13 16-0076	MLF	#2 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	4,600.02	736.91	
26 05 13 16-0077	MLF	#1 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	5,314.60	815.17	
26 05 13 16-0078	MLF	1/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,032.12	894.59	
26 05 13 16-0079	MLF	2/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,007.66	1,050.16	
26 05 13 16-0080	MLF	3/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,929.00	1,200.97	
26 05 13 16-0081	MLF	4/0 AWG, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,171.30	1,393.47	
26 05 13 16-0082	MLF	250 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,780.52	1,753.07	
26 05 13 16-0083	MLF	350 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	15,172.91	2,218.18	
26 05 13 16-0084	MLF	500 MCM, EPR, 5 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	19,778.88	2,786.94	
26 05 13 16-0085			15 KV Cable <small>(26 05 13 16-0001)</small>		
26 05 13 16-0086			Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 16-0085)</small>		

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0087		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct <small>(26 05 13 16-0086)</small>		
26 05 13 16-0088	MLF #4 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	7,525.19	1,735.56	
26 05 13 16-0089	MLF #2 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,173.37	1,735.56	
26 05 13 16-0090	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,420.61	1,735.56	
26 05 13 16-0091	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,226.03	1,735.56	
26 05 13 16-0092	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,990.50	1,735.56	
26 05 13 16-0093	MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,463.75	1,811.63	
26 05 13 16-0094	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,764.08	1,811.63	
26 05 13 16-0095	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	13,609.65	1,894.52	
26 05 13 16-0096	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	15,481.66	1,938.95	
26 05 13 16-0097	MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	19,138.59	2,184.03	
26 05 13 16-0098		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial <small>(26 05 13 16-0086)</small>		
	Note: Excludes excavation.			
26 05 13 16-0099	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	6,553.68		
26 05 13 16-0100	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,359.10		
26 05 13 16-0101	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,123.57		
26 05 13 16-0102	MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,620.80		
26 05 13 16-0103	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,921.12		
26 05 13 16-0104	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,869.26		
26 05 13 16-0105	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,744.37		
26 05 13 16-0106	MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	17,153.12		
26 05 13 16-0107		Cross-Linked Polyethylene (XLP) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) <small>(26 05 13 16-0086)</small>		
26 05 13 16-0108	MLF #1 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,136.72	776.39	
26 05 13 16-0109	MLF 1/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	7,255.04	894.59	
26 05 13 16-0110	MLF 2/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,431.33	1,050.16	
26 05 13 16-0111	MLF 3/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,113.83	1,200.97	
26 05 13 16-0112	MLF 4/0 AWG, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	10,923.61	1,393.47	
26 05 13 16-0113	MLF 250 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	13,167.34	1,622.18	
26 05 13 16-0114	MLF 350 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	15,637.78	1,890.25	
26 05 13 16-0115	MLF 500 MCM, XLP, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	19,490.67	2,195.71	
26 05 13 16-0116		Ethylene-Propylene Rubber (EPR) Insulation, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable <small>(26 05 13 16-0085)</small>		
26 05 13 16-0117		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct <small>(26 05 13 16-0116)</small>		
26 05 13 16-0118	MLF #4 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,098.72	1,735.56	
26 05 13 16-0119	MLF #2 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	8,863.57	1,735.56	
26 05 13 16-0120	MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	9,155.32	1,735.56	
26 05 13 16-0121	MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	10,105.72	1,735.56	
26 05 13 16-0122	MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	11,007.79	1,735.56	
26 05 13 16-0123	MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	12,712.02	1,811.63	
26 05 13 16-0124	MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	13,066.40	1,811.63	
26 05 13 16-0125	MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	15,206.85	1,894.52	
26 05 13 16-0126	MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	17,395.83	1,938.95	
26 05 13 16-0127	MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed In Duct	21,600.72	2,184.03	
26 05 13 16-0128		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial <small>(26 05 13 16-0116)</small>		
	Note: Excludes excavation.			
26 05 13 16-0129	MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	7,288.39		
26 05 13 16-0130	MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	8,238.78		
26 05 13 16-0131	MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	9,140.85		
26 05 13 16-0132	MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	10,208.07		
26 05 13 16-0133	MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	11,223.44		
26 05 13 16-0134	MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	13,461.80		
26 05 13 16-0135	MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	15,650.76		
26 05 13 16-0136	MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Direct Burial	19,615.25		
26 05 13 16-0137		Ethylene-Propylene Rubber (EPR), 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial) <small>(26 05 13 16-0116)</small>		
26 05 13 16-0138	MLF #1 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	6,871.43	776.39	
26 05 13 16-0139	MLF 1/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	8,134.72	894.59	
26 05 13 16-0140	MLF 2/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	9,448.61	1,050.16	
26 05 13 16-0141	MLF 3/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	11,362.10	1,200.97	
26 05 13 16-0142	MLF 4/0 AWG, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	12,225.93	1,393.47	
26 05 13 16-0143	MLF 250 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	14,764.53	1,622.18	
26 05 13 16-0144	MLF 350 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	17,551.95	1,890.25	
26 05 13 16-0145	MLF 500 MCM, EPR, 15 KV, Shielded, Single Copper Conductor, 133% Insulation Cable, Installed On Poles (Aerial)	21,952.80	2,195.71	

26 Electrical**26 05 Common Work Results for Electrical****26 05 13 Medium-Voltage Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0146			15 KV Non-Shielded Single Copper Conductor <small>(26 05 13 16-0085)</small>		
26 05 13 16-0147	MLF		1/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	10,986.89	1,741.65
26 05 13 16-0148	MLF		2/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	9,432.75	1,783.28
26 05 13 16-0149	MLF		3/0 AWG, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	14,388.54	1,824.91
26 05 13 16-0150	MLF		350 MCM, 15 KV, Non-Shielded, Single Copper Conductor Cable, Installed In Duct.....	19,917.83	1,946.52
26 05 13 16-0151			Shielded, Armored Copper, 15 KV, 3 Conductor Cable <small>(26 05 13 16-0085)</small>		
			Note: Laid in cable tray or hung in vertical cable shaft.		
26 05 13 16-0152			Galvanized Steel Interlocked Armor Cable <small>(26 05 13 16-0151)</small>		
26 05 13 16-0153	LF		3 Conductors, #2 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	50.95	13.28
26 05 13 16-0154	LF		3 Conductors, 1/0 AWG, TC, 15 KV, Galvanized Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	61.29	14.15
26 05 13 16-0155			Aluminum Interlocked Armor Cable <small>(26 05 13 16-0151)</small>		
26 05 13 16-0156	LF		3 Conductors, #2 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	50.95	13.28
26 05 13 16-0157	LF		3 Conductor, 1/0 AWG, TC, 15 KV, Aluminum Armored Shielded Cable, Laid In Cable Tray Or Hung Vertically.....	61.29	14.15
26 05 13 16-0158			Type URD, 15 KV Primary Concentric UD Cable <small>(26 05 13 16-0085)</small>		
			Note: 0.175" XLPE insulation, copper conductor.		
26 05 13 16-0159	MLF		#4 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	3,722.49	870.89
26 05 13 16-0160	MLF		#2 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	4,466.44	950.92
26 05 13 16-0161	MLF		#1 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	5,376.17	1,074.40
26 05 13 16-0162	MLF		1/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	7,020.79	1,320.10
26 05 13 16-0163	MLF		2/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	8,008.18	1,486.14
26 05 13 16-0164	MLF		3/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	9,974.67	1,654.53
26 05 13 16-0165	MLF		4/0 AWG, Type URD (XLPE), 15 KV, Shielded, Single Conductor Cable, Installed In Conduit.....	11,212.66	1,852.09
26 05 13 16-0166			15 KV, URD Copper Cable, Direct Burial <small>(26 05 13 16-0085)</small>		
26 05 13 16-0167	MLF		3 Conductors, #6 AWG, 15 KV, URD Copper Cable, Direct Burial.....	18,902.05	
26 05 13 16-0168			Wire Connections <small>(26 05 13 16-0001)</small>		
26 05 13 16-0169			Medium Voltage Up To 5 KV <small>(26 05 13 16-0168)</small>		
26 05 13 16-0170			Shielded One Conductor Cable Splice <small>(26 05 13 16-0169)</small>		
26 05 13 16-0171	EA		#6 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	375.41	108.63
26 05 13 16-0172	EA		#2 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	532.46	108.63
26 05 13 16-0173	EA		1/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	532.46	108.63
26 05 13 16-0174	EA		2/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	564.79	130.35
26 05 13 16-0175	EA		3/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	564.79	130.35
26 05 13 16-0176	EA		4/0 AWG Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	564.79	130.35
26 05 13 16-0177	EA		250 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	607.89	152.08
26 05 13 16-0178	EA		350 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	607.89	152.08
26 05 13 16-0179	EA		500 MCM Cable Splice, To 5 KV One Conductor, Shielded Medium Voltage To 5 KV.....	607.89	152.08
26 05 13 16-0180			Cable Termination Without Stress Cone <small>(26 05 13 16-0169)</small>		
26 05 13 16-0181	EA		#6 To 4/0 AWG Cable Termination Without Stress Cone, Medium Voltage To 5 KV.....	591.98	130.35
26 05 13 16-0182	EA		250 To 500 MCM Cable Termination Without Stress Cone, Medium Voltage To 5 KV.....	681.90	152.08
26 05 13 16-0183			Cable Termination With Stress Cone <small>(26 05 13 16-0169)</small>		
26 05 13 16-0184	EA		#6 To 4/0 AWG Cable Termination With Stress Cone, Medium Voltage To 5 KV.....	1,866.91	260.71
26 05 13 16-0185	EA		250 To 500 MCM Cable Termination With Stress Cone, Medium Voltage To 5 KV.....	2,561.06	358.47
26 05 13 16-0186			Connect To Pothead, Pothead Included <small>(26 05 13 16-0169)</small>		
26 05 13 16-0187	EA		#6 To 4/0 AWG Connection To Pothead (Included) Medium Voltage To 5 KV.....	1,961.76	260.71
26 05 13 16-0188	EA		250 To 500 MCM Connection To Pothead (Included) Medium Voltage To 5 KV.....	2,535.25	298.73
26 05 13 16-0189			Two Conductor Pothead <small>(26 05 13 16-0169)</small>		
			Note: Includes 5 KV pothead.		
26 05 13 16-0190	EA		#6 To 4/0 AWG, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,295.59	358.47
26 05 13 16-0191	EA		250 To 350 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	1,762.33	456.24
26 05 13 16-0192	EA		400 To 700 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	2,832.07	517.29
26 05 13 16-0193	EA		750 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	4,802.00	603.54
26 05 13 16-0194	EA		1,000 MCM, Two Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	9,000.51	905.20
26 05 13 16-0195			Three Conductor Pothead <small>(26 05 13 16-0169)</small>		
			Note: Includes 5 KV pothead.		
26 05 13 16-0196	EA		#6 To 4/0 AWG, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	6,040.72	521.42
26 05 13 16-0197	EA		250 To 500 MCM, Three Conductors, 5 KV Pothead (Included) Medium Voltage To 5 KV.....	6,583.96	608.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0198 Copper Cable Splice, Crimp Compression Connection <small>(26 05 13 16-0169)</small>		
<i>Note: For bare wire.</i>		
26 05 13 16-0199 EA #6 AWG Crimp Compression Connection For Bare Copper Wire.....	74.71	
26 05 13 16-0200 EA #4 AWG Crimp Compression Connection For Bare Copper Wire.....	82.97	
26 05 13 16-0201 EA #3 AWG Crimp Compression Connection For Bare Copper Wire.....	96.70	
26 05 13 16-0202 EA #2 AWG Crimp Compression Connection For Bare Copper Wire.....	109.12	
26 05 13 16-0203 EA #1 AWG Crimp Compression Connection For Bare Copper Wire.....	123.40	
26 05 13 16-0204 EA 1/0 AWG Crimp Compression Connection For Bare Copper Wire.....	136.94	
26 05 13 16-0205 EA 2/0 AWG Crimp Compression Connection For Bare Copper Wire.....	150.18	
26 05 13 16-0206 EA 3/0 AWG Crimp Compression Connection For Bare Copper Wire.....	164.67	
26 05 13 16-0207 EA 4/0 AWG Crimp Compression Connection For Bare Copper Wire.....	178.41	
26 05 13 16-0208 EA 250 MCM Crimp Compression Connection For Bare Copper Wire.....	192.73	
26 05 13 16-0209 EA 300 MCM Crimp Compression Connection For Bare Copper Wire.....	207.76	
26 05 13 16-0210 EA 350 MCM Crimp Compression Connection For Bare Copper Wire.....	221.05	
26 05 13 16-0211 EA 400 MCM Crimp Compression Connection For Bare Copper Wire.....	250.68	
26 05 13 16-0212 EA 500 MCM Crimp Compression Connection For Bare Copper Wire.....	282.04	
26 05 13 16-0213 Aluminum Cable Splice, Crimp Compression Connection <small>(26 05 13 16-0169)</small>		
<i>Note: For bare wire.</i>		
26 05 13 16-0214 EA #6 AWG Crimp Compression Connection For Bare Aluminum Wire	78.09	
26 05 13 16-0215 EA #4 AWG Crimp Compression Connection For Bare Aluminum Wire	84.84	
26 05 13 16-0216 EA #2 AWG Crimp Compression Connection For Bare Aluminum Wire	115.29	
26 05 13 16-0217 EA #1 AWG Crimp Compression Connection For Bare Aluminum Wire	139.10	
26 05 13 16-0218 EA 1/0 AWG Crimp Compression Connection For Bare Aluminum Wire	151.75	
26 05 13 16-0219 EA 2/0 AWG Crimp Compression Connection For Bare Aluminum Wire	164.33	
26 05 13 16-0220 EA 3/0 AWG Crimp Compression Connection For Bare Aluminum Wire	181.10	
26 05 13 16-0221 EA 4/0 AWG Crimp Compression Connection For Bare Aluminum Wire	195.79	
26 05 13 16-0222 EA 250 MCM Crimp Compression Connection For Bare Aluminum Wire	209.69	
26 05 13 16-0223 EA 300 MCM Crimp Compression Connection For Bare Aluminum Wire	224.34	
26 05 13 16-0224 EA 350 MCM Crimp Compression Connection For Bare Aluminum Wire	238.46	
26 05 13 16-0225 EA 400 MCM Crimp Compression Connection For Bare Aluminum Wire	275.62	
26 05 13 16-0226 EA 500 MCM Crimp Compression Connection For Bare Aluminum Wire	313.16	
26 05 13 16-0227 15 KV <small>(26 05 13 16-0168)</small>		
26 05 13 16-0228 Single Conductor Pothead On Racks <small>(26 05 13 16-0227)</small>		
<i>Note: Includes pothead.</i>		
26 05 13 16-0229 EA #2 To 4/0 AWG, Single Conductor, 15 KV Pothead (Included), On Racks	1,564.17	456.24
26 05 13 16-0230 EA 250 To 500 MCM, Single Conductor, 15 KV Pothead (Included), On Racks	2,004.98	564.87
26 05 13 16-0231 Two Conductor Pothead On Rack <small>(26 05 13 16-0227)</small>		
<i>Note: Includes pothead.</i>		
26 05 13 16-0232 EA #2 To 4/0 AWG, Two Conductors, 15 KV Pothead (Included), On Racks	2,281.39	695.22
26 05 13 16-0233 EA 250 To 500 MCM, Two Conductors, 15 KV Pothead (Included), On Racks	2,754.83	825.58
26 05 13 16-0234 Three Conductor Pothead On Rack <small>(26 05 13 16-0227)</small>		
<i>Note: Includes pothead.</i>		
26 05 13 16-0235 EA #2 To 4/0 AWG, Three Conductors, 15 KV Pothead (Included), On Racks.....	2,900.20	901.61
26 05 13 16-0236 EA 250 To 500 MCM, Three Conductors, 15 KV Pothead (Included), On Racks.....	3,609.97	1,129.74
26 05 13 16-0237 Stress Relief Cone On Rack <small>(26 05 13 16-0227)</small>		
26 05 13 16-0238 EA #2 To 4/0 AWG Stress Relief Cone, On Rack	1,449.57	456.24
26 05 13 16-0239 EA 250 To 500 MCM Stress Relief Cone, On Rack	1,876.14	564.87
26 05 13 16-0240 Grounded, Shielded Cable Splice <small>(26 05 13 16-0227)</small>		
26 05 13 16-0241 EA #2 To 4/0 AWG Cable Splice, Grounded, Shielded, 15 KV	979.65	336.75
26 05 13 16-0242 EA 250 To 500 MCM Cable Splice, Grounded, Shielded, 15 KV	1,252.77	434.51
26 05 13 16-0243 EA 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE 2-Way	6,719.78	1,194.92
26 05 13 16-0244 EA 3/0 To 500 MCM 15 KV Splice Kit, Cable Splice, Grounded, Shielded, Universal Mechanical Type CE - CE - CE 3-Way.....	8,809.30	1,303.55
26 05 13 16-0245 Cable Termination <small>(26 05 13 16-0227)</small>		
26 05 13 16-0246 EA #2 To 3/0 AWG Cable Termination 15 KV	676.00	190.10
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	114.06	
26 05 13 16-0247 EA 4/0 To 250 MCM Cable Termination 15 KV	850.74	244.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	146.65	
26 05 13 16-0248 EA 350 To 500 MCM Cable Termination 15 KV	1,058.05	298.73
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	179.24	
26 05 13 16-0249 EA #2 To 3/0 AWG Cable Elbow Termination 15 KV	440.39	108.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	65.18	
26 05 13 16-0250 Stress Cones, 5-15 KV, 4 Skirted <small>(26 05 13 16-0227)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 13 Medium-Voltage Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 13 16-0251	EA		#4 To 1/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	942.37	141.22
26 05 13 16-0252	EA		2/0 To 3/0 AWG Stress Cones, 5-15 KV, 4 Skirted.....	1,077.31	156.07
26 05 13 16-0253	EA		4/0 To 350 MCM Stress Cones, 5-15 KV, 4 Skirted.....	1,290.83	170.81
26 05 13 16-0254	EA		400 To 500 MCM Stress Cones, 5-15 KV, 4 Skirted.....	1,678.17	196.80
26 05 13 16-0255			Stress Cones, 5-15 KV, 6 Skirted <small>(26 05 13 16-0227)</small>		
26 05 13 16-0256	EA		#4 To 1/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	1,884.77	282.92
26 05 13 16-0257	EA		2/0 To 3/0 AWG Stress Cones, 5-15 KV, 6 Skirted.....	2,154.90	312.15
26 05 13 16-0258	EA		4/0 To 350 MCM Stress Cones, 5-15 KV, 6 Skirted.....	2,568.97	335.27
26 05 13 16-0259	EA		400 To 500 MCM Stress Cones, 5-15 KV, 6 Skirted.....	3,356.34	393.58
26 05 13 16-0260			35 KV <small>(26 05 13 16-0168)</small>		
26 05 13 16-0261			35 KV One Conductor Splice <small>(26 05 13 16-0260)</small>		
26 05 13 16-0262	EA		#1 Stranded To 4/0 Stranded, 35 KV, Cable Splicing.....	2,454.42	
26 05 13 16-0263			Cable Termination <small>(26 05 13 16-0260)</small>		
26 05 13 16-0264	EA		#2 To 3/0 AWG Cable Termination, 35 KV.....	617.84	130.46
26 05 13 16-0265	EA		3/0 AWG To 250 MCM, 35 KV, Cable Termination.....	830.34	196.84
26 05 13 16-0266	EA		350 To 500 MCM Cable Termination 35 KV.....	976.89	210.52
26 05 13 16-0267	EA		#2 To 3/0 AWG Cable Elbow Termination 35 KV.....	486.53	108.63
26 05 13 16-0268			70 KV <small>(26 05 13 16-0168)</small>		
26 05 13 16-0269			Cable Splice <small>(26 05 13 16-0268)</small>		
26 05 13 16-0270	EA		350 MCM, 70 KV, Cable Splicing.....	15,507.19	
26 05 13 16-0271	EA		#2 To 4/0, 70 KV, Cable Splicing.....	2,570.35	
26 05 19 Low-Voltage Electrical Power Conductors and Cables					
26 05 19 13 Undercarpet Electrical Power Cables					
26 05 19 13-0001			Under Carpet Power System <small>(26 05 19 13)</small>		
			Note: Includes laying out, floor prep, taping, drill floor, folds, identifying, tagging and testing		
26 05 19 13-0002	LF		3-Conductor, #12 Flat Cable With Attached Bottom Shield.....	6.15	0.49
26 05 19 13-0003	LF		Steel, Top Shield.....	13.68	0.49
26 05 19 13-0004	EA		3-Conductor, Splice.....	33.54	8.43
26 05 19 13-0005	EA		Splice Top Shield For 3 Conductor.....	9.31	3.97
26 05 19 13-0006	EA		3-Conductor, Tap.....	41.96	9.93
26 05 19 13-0007	EA		Insulating Patch, Splice Tap And End.....	67.15	8.43
26 05 19 13-0008	EA		3-Conductor, Transition Block Assembly.....	43.95	4.96
26 05 19 13-0009	EA		Single, Direct Connected, Receptacle With Box.....	132.31	15.87
26 05 19 13-0010	EA		Dual, Direct Connected, Receptacle With Box.....	220.92	24.81
26 05 19 13-0011	EA		Floor Mounted Box With Cover.....	221.34	19.85
26 05 19 13-0012	LF		5-Conductor, #12 Cable With Attached Bottom Shield.....	9.87	0.49
26 05 19 13-0013	LF		Steel, Top Shield For 5-Conductor Cable.....	9.79	0.49
26 05 19 13-0014	EA		5-Conductor, Splice.....	34.01	8.43
26 05 19 13-0015	EA		5-Conductor, Transition Block Assembly.....	58.54	4.96
26 05 19 13-0016	EA		Box, Wall, Flush With Cover.....	96.68	19.85
26 05 19 13-0017	EA		Telephone, Transition Fitting Wall Box.....	62.92	16.38
26 05 19 13-0018	EA		RJ-45, Telephone Fitting With Duplex Jack And Cover.....	83.46	18.85
26 05 19 13-0019	EA		Miniature Telephone With Duplex RJ-45.....	36.08	7.44
26 05 19 13-0020	LF		4-Pair, Level 5, Under Carpet Telephone Wire.....	2.08	0.49
26 05 19 13-0021	EA		BNC, Coax Plug, Connector.....	27.81	9.93
26 05 19 13-0022	EA		TNC, Coax Plug, Connector.....	27.81	9.93
26 05 19 13-0023	CLF		Under Carpet Power System; Flat RG A/U 59, 75 Ohm, RG A/U 62, 93 Ohm, RG A/U 58, 50 Ohm.....	146.86	49.62
26 05 19 16 Low-Voltage, Single-and Multi-Conductor Cables					
26 05 19 16-0001			Cable Installation Methods <small>(26 05 19 16)</small>		
26 05 19 16-0002			Pull Cord <small>(26 05 19 16-0001)</small>		
			Note: Left in conduit for others to pull cable. Not to be used when contractor has priced new wire in a conduit. Priced when owner wants a pull cord left in a conduit for owner to pull wire at a later time.		
26 05 19 16-0003	LF		Pull String Installed To Remain In Place, In Existing Conduit.....	0.35	
26 05 19 16-0004	LF		Pull String Installed To Remain In Place, In New Conduits.....	0.18	
26 05 19 16-0005	LF		1/4" Nylon Pull Cord Installed To Remain In Place, In Existing Conduit.....	0.61	
26 05 19 16-0006	LF		1/4" Nylon Pull Cord Installed To Remain In Place, In New Conduits.....	0.40	
26 05 19 16-0007			Bore Conduit Into Dirt Or Sand <small>(26 05 19 16-0001)</small>		
			Note: For installation under roads, driveways or other structures up to 20'.		
26 05 19 16-0008	LF		Bore 1" To 4" Conduit Into Dirt Or Sand.....	3.16	
26 05 19 16-0009	LF		Bore 5" To 8" Conduit Into Dirt Or Sand.....	4.02	
26 05 19 16-0010	EA		Boring Minimum Set-Up Charge.....	442.20	
			Note: For projects where the total boring charge is less than the minimum set-up charge. Use this item exclusively. This item should not be used in conjunction with any other items in this section.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST	
26 05 19 16-0011	Wire and Cable <small>(26 05 19 16)</small>		
Note: Pulled in conduit except as noted. Includes pull wires, pulling branch circuit conductors, splicing (#8 and lighter), identifying, tagging and testing. All conductors are copper except as otherwise noted. No special set-up is required. For tasks installed in conduit, tasks exclude conduit. Excludes terminations. See CSI section 26 05 33 13-0058 for various conduit types.			
26 05 19 16-0012	600 Volt Wire <small>(26 05 19 16-0011)</small>		
26 05 19 16-0013	Single Solid Conductor, Copper <small>(26 05 19 16-0012)</small>		
26 05 19 16-0014	MLF #14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	619.09	240.85
26 05 19 16-0015	MLF #12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	780.01	283.32
26 05 19 16-0016	MLF #10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	973.37	346.44
26 05 19 16-0017	MLF #14 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	803.42	240.85
26 05 19 16-0018	MLF #12 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	976.14	283.32
26 05 19 16-0019	MLF #10 AWG, Type XHHW, 600 Volt, Copper, Single Solid Cable, Installed In Conduit.....	1,179.09	346.44
26 05 19 16-0020	Power Cable, Stranded Conductor, Copper <small>(26 05 19 16-0012)</small>		
26 05 19 16-0021	Power Cable, Stranded, Single Conductor, XHHW-2 <small>(26 05 19 16-0020)</small>		
26 05 19 16-0022	MLF #16 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	654.37	198.47
26 05 19 16-0023	MLF #14 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	770.33	238.17
26 05 19 16-0024	MLF #12 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	956.88	277.87
26 05 19 16-0025	MLF #10 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,191.09	317.56
26 05 19 16-0026	MLF #8 AWG, XLP (XHHW-2), 600 Volt, Copper, Single Stranded, Power Cable, Installed In Conduit.....	1,602.42	396.95
26 05 19 16-0027	MLF #6 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	2,199.49	476.34
26 05 19 16-0028	MLF #4 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	3,043.96	595.43
26 05 19 16-0029	MLF #3 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	3,618.69	674.81
26 05 19 16-0030	MLF #2 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	4,310.76	754.21
26 05 19 16-0031	MLF #1 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	5,402.66	833.59
26 05 19 16-0032	MLF 1/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	6,509.49	952.68
26 05 19 16-0033	MLF 2/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	7,838.04	1,071.77
26 05 19 16-0034	MLF 3/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	9,435.16	1,190.85
26 05 19 16-0035	MLF 4/0 AWG, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	11,374.45	1,309.93
26 05 19 16-0036	MLF 250 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	12,030.56	1,429.02
26 05 19 16-0037	MLF 300 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	14,350.03	1,548.11
26 05 19 16-0038	MLF 350 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	15,299.10	1,667.19
26 05 19 16-0039	MLF 400 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	17,158.63	1,786.27
26 05 19 16-0040	MLF 500 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	19,963.35	1,905.36
26 05 19 16-0041	MLF 600 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	23,066.22	2,064.14
26 05 19 16-0042	MLF 750 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	35,546.85	2,302.31
26 05 19 16-0043	MLF 1,000 MCM, XLP (XHHW-2), 600 Volt Copper, Single Stranded, Power Cable, Installed In Conduit.....	50,456.88	2,699.26
26 05 19 16-0044	Power Cable, Stranded, Multi Conductor, XHHW-2 <small>(26 05 19 16-0020)</small>		
26 05 19 16-0045	MLF 2 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,540.64	476.24
26 05 19 16-0046	MLF 3 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,914.02	555.83
26 05 19 16-0047	MLF 4 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,386.72	674.81
26 05 19 16-0048	MLF 6 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,884.48	734.06
26 05 19 16-0049	MLF 7 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,159.19	773.95
26 05 19 16-0050	MLF 9 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,707.11	853.25
26 05 19 16-0051	MLF 10 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,298.20	889.37
26 05 19 16-0052	MLF 12 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,530.11	972.53
26 05 19 16-0053	MLF 14 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,029.15	1,032.27
26 05 19 16-0054	MLF 24 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,472.61	1,310.03
26 05 19 16-0055	MLF 37 Conductors, #14 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	11,333.87	1,945.05
26 05 19 16-0056	MLF 2 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	1,914.00	555.83
26 05 19 16-0057	MLF 3 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,473.79	674.81
26 05 19 16-0058	MLF 4 Conductors, #12 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,033.61	793.90
26 05 19 16-0059	MLF 2 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	2,579.89	714.21
26 05 19 16-0060	MLF 3 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,372.93	872.49
26 05 19 16-0061	MLF 4 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,367.90	1,111.66
26 05 19 16-0062	MLF 6 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,956.93	1,429.51
26 05 19 16-0063	MLF 9 Conductors, #10 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	8,139.85	1,826.06
26 05 19 16-0064	MLF 2 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	3,254.48	813.75
26 05 19 16-0065	MLF 3 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,211.86	952.68
26 05 19 16-0066	MLF 4 Conductors, #8 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,466.97	1,210.70
26 05 19 16-0067	MLF 2 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	4,299.85	912.99
26 05 19 16-0068	MLF 3 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,854.19	1,131.31
26 05 19 16-0069	MLF 4 Conductors, #6 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,522.77	1,395.28
26 05 19 16-0070	MLF 2 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	5,879.95	1,107.69
26 05 19 16-0071	MLF 3 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	7,833.66	1,266.96
26 05 19 16-0072	MLF 4 Conductors, #4 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	10,174.16	1,581.05
26 05 19 16-0073	MLF 2 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	8,223.55	1,349.23
26 05 19 16-0074	MLF 3 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	11,047.74	1,508.81
26 05 19 16-0075	MLF 4 Conductors, #2 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	14,662.85	1,984.75
26 05 19 16-0076	MLF 3 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	14,718.60	1,905.06
26 05 19 16-0077	MLF 4 Conductors, #1 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	19,226.39	2,380.71
26 05 19 16-0078	MLF 3 Conductors, 1/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	17,544.61	2,064.54
26 05 19 16-0079	MLF 3 Conductors, 2/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	21,427.61	2,380.71
26 05 19 16-0080	MLF 3 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	26,317.74	2,777.46

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0081 MLF 4 Conductors, 3/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	34,759.66	3,571.06
26 05 19 16-0082 MLF 3 Conductors, 4/0 AWG, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	32,244.64	3,178.28
26 05 19 16-0083 MLF 3 Conductors, 250 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	34,301.55	3,571.06
26 05 19 16-0084 MLF 3 Conductors, 350 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	43,317.08	3,969.50
26 05 19 16-0085 MLF 3 Conductors, 500 MCM, 600 Volt, XLP (XHHW-2), Copper, Stranded, Power Cable, Installed In Conduit.....	56,506.56	4,362.68
26 05 19 16-0086 Underground Feeder And Branch Circuit Suitable, Single Stranded Copper		
(26 05 19 16-0012)		
Note: Direct bury.		
26 05 19 16-0087 MLF #14 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	981.43	
26 05 19 16-0088 MLF #12 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,157.36	
26 05 19 16-0089 MLF #10 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,480.16	
26 05 19 16-0090 MLF #8 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,967.34	
26 05 19 16-0091 MLF #6 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,829.04	
26 05 19 16-0092 MLF #4 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,757.05	
26 05 19 16-0093 MLF #2 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,531.16	
26 05 19 16-0094 MLF #1 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,977.85	
26 05 19 16-0095 MLF 1/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,623.90	
26 05 19 16-0096 MLF 2/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,525.98	
26 05 19 16-0097 MLF 3/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,782.40	
26 05 19 16-0098 MLF 4/0 AWG, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	14,472.35	
26 05 19 16-0099 MLF 250 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	15,662.65	
26 05 19 16-0100 MLF 300 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	18,901.76	
26 05 19 16-0101 MLF 350 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	21,191.80	
26 05 19 16-0102 MLF 400 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	23,889.07	
26 05 19 16-0103 MLF 500 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	28,488.22	
26 05 19 16-0104 MLF 600 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	33,781.31	
26 05 19 16-0105 MLF 750 MCM, Type USE, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	54,652.31	
26 05 19 16-0106 MLF #14 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	763.24	
26 05 19 16-0107 MLF #12 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	919.27	
26 05 19 16-0108 MLF #10 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,109.01	
26 05 19 16-0109 MLF #8 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,356.22	
26 05 19 16-0110 MLF #6 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,763.19	
26 05 19 16-0111 MLF #4 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,365.60	
26 05 19 16-0112 MLF #2 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,241.67	
26 05 19 16-0113 MLF #1 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,867.86	
26 05 19 16-0114 MLF 1/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,373.25	
26 05 19 16-0115 MLF 2/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,929.99	
26 05 19 16-0116 MLF 3/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,759.05	
26 05 19 16-0117 MLF 4/0 AWG, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,775.10	
26 05 19 16-0118 MLF 250 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,716.19	
26 05 19 16-0119 MLF 300 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,712.45	
26 05 19 16-0120 MLF 350 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	9,799.38	
26 05 19 16-0121 MLF 400 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,925.77	
26 05 19 16-0122 MLF 500 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,821.68	
26 05 19 16-0123 MLF 750 MCM, XLP (XHHW), 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	21,929.29	
26 05 19 16-0124 MLF #14 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	643.42	
26 05 19 16-0125 MLF #12 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	806.08	
26 05 19 16-0126 MLF #10 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,011.09	
26 05 19 16-0127 MLF #8 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	1,443.96	
26 05 19 16-0128 MLF #6 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,002.32	
26 05 19 16-0129 MLF #4 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	2,693.66	
26 05 19 16-0130 MLF #2 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	3,895.85	
26 05 19 16-0131 MLF #1 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	4,678.86	
26 05 19 16-0132 MLF 1/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,446.34	
26 05 19 16-0133 MLF 2/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	6,210.95	
26 05 19 16-0134 MLF 3/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	7,444.60	
26 05 19 16-0135 MLF 4/0 AWG, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,931.36	
26 05 19 16-0136 MLF 250 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,547.31	
26 05 19 16-0137 MLF 300 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,234.86	
26 05 19 16-0138 MLF 350 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	14,055.63	
26 05 19 16-0139 MLF 400 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	15,809.18	
26 05 19 16-0140 MLF 500 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	18,915.37	
26 05 19 16-0141 MLF 600 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	22,858.51	
26 05 19 16-0142 MLF 750 MCM, Type THHN-THWN, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	36,838.20	
26 05 19 16-0143 MLF #2 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	5,761.24	
26 05 19 16-0144 MLF 1/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	8,337.99	
26 05 19 16-0145 MLF 2/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	9,250.31	
26 05 19 16-0146 MLF 3/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	10,520.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0147 MLF 4/0 AWG, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	11,699.23	
26 05 19 16-0148 MLF 250 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	12,599.01	
26 05 19 16-0149 MLF 350 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	18,260.71	
26 05 19 16-0150 MLF 400 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	19,865.26	
26 05 19 16-0151 MLF 500 MCM, Type EPR, 600 Volt, Underground Feeder And Branch Circuits, Single Stranded Copper Cable.....	22,723.71	
26 05 19 16-0152 600 Volt, Armored Cable, Copper Conductors <small>(26 05 19 16-0012)</small>		
26 05 19 16-0153 ACTHH, Solid <small>(26 05 19 16-0152)</small>		
26 05 19 16-0154 MLF 1 Conductor, #8 AWG, Type ACT, Solid, Armored Cable.....	2,626.56	651.77
26 05 19 16-0155 MLF 1 Conductor, #6 AWG, Type ACT, Solid, Armored Cable.....	3,043.23	738.67
26 05 19 16-0156 MLF 1 Conductor, #4 AWG, Type ACT, Solid, Armored Cable.....	3,549.76	782.13
26 05 19 16-0157 MLF 2 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	3,631.34	1,086.29
26 05 19 16-0158 MLF 2 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	3,834.46	1,216.42
26 05 19 16-0159 MLF 2 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	5,060.33	1,347.75
26 05 19 16-0160 MLF 2 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	6,917.34	1,477.90
26 05 19 16-0161 MLF 3 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	4,494.87	1,216.42
26 05 19 16-0162 MLF 3 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	4,630.48	1,347.75
26 05 19 16-0163 MLF 3 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	6,137.17	1,521.45
26 05 19 16-0164 MLF 3 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	8,320.18	1,650.93
26 05 19 16-0165 MLF 4 Conductors, #14 AWG, Type ACTHH, Solid, Armored Cable.....	5,469.65	1,347.75
26 05 19 16-0166 MLF 4 Conductors, #12 AWG, Type ACTHH, Solid, Armored Cable.....	5,945.91	1,521.45
26 05 19 16-0167 MLF 4 Conductors, #10 AWG, Type ACTHH, Solid, Armored Cable.....	7,823.91	1,694.71
26 05 19 16-0168 MLF 4 Conductors, #8 AWG, Type ACTHH, Solid, Armored Cable.....	10,547.57	1,825.72
26 05 19 16-0169 ACTHH, Stranded <small>(26 05 19 16-0152)</small>		
26 05 19 16-0170 MLF 2 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable.....	7,135.63	1,565.23
26 05 19 16-0171 MLF 2 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable.....	8,841.33	1,780.75
26 05 19 16-0172 MLF 3 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable.....	8,538.10	1,738.06
26 05 19 16-0173 MLF 3 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable.....	10,955.72	1,953.79
26 05 19 16-0174 MLF 3 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable.....	14,193.50	2,172.57
26 05 19 16-0175 MLF 3 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable.....	16,439.47	2,387.44
26 05 19 16-0176 MLF 3 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable.....	18,981.66	2,605.02
26 05 19 16-0177 MLF 4 Conductors, #8 AWG, Type ACTHH, Stranded, Armored Cable.....	11,195.84	2,085.01
26 05 19 16-0178 MLF 4 Conductors, #6 AWG, Type ACTHH, Stranded, Armored Cable.....	13,800.29	2,301.41
26 05 19 16-0179 MLF 4 Conductors, #4 AWG, Type ACTHH, Stranded, Armored Cable.....	18,238.34	2,520.40
26 05 19 16-0180 MLF 4 Conductors, #3 AWG, Type ACTHH, Stranded, Armored Cable.....	20,016.20	2,736.25
26 05 19 16-0181 MLF 4 Conductors, #2 AWG, Type ACTHH, Stranded, Armored Cable.....	24,073.76	2,951.87
26 05 19 16-0182 HCFC, Solid <small>(26 05 19 16-0152)</small>		
26 05 19 16-0183 MLF 2 Conductors, #14 AWG, Type HCF, Solid, Armored Cable.....	4,206.47	1,086.29
26 05 19 16-0184 MLF 2 Conductors, #12 AWG, Type HCF, Solid, Armored Cable.....	4,571.42	1,220.55
26 05 19 16-0185 MLF 2 Conductors, #10 AWG, Type HCF, Solid, Armored Cable.....	5,135.20	1,341.13
26 05 19 16-0186 MLF 3 Conductors, #14 AWG, Type HCF, Solid, Armored Cable.....	5,205.22	1,220.55
26 05 19 16-0187 MLF 3 Conductors, #12 AWG, Type HCF, Solid, Armored Cable.....	5,549.93	1,341.13
26 05 19 16-0188 MLF 3 Conductors, #10 AWG, Type HCF, Solid, Armored Cable.....	7,505.23	1,530.03
26 05 19 16-0189 MLF 4 Conductors, #14 AWG, Type HCF, Solid, Armored Cable.....	6,570.13	1,341.13
26 05 19 16-0190 MLF 4 Conductors, #12 AWG, Type HCF, Solid, Armored Cable.....	7,107.37	1,530.03
26 05 19 16-0191 MLF 4 Conductors, #10 AWG, Type HCF, Solid, Armored Cable.....	10,150.17	1,697.32
26 05 19 16-0192 MC, Solid Or Stranded, Galvanized Steel Armor <small>(26 05 19 16-0152)</small>		
26 05 19 16-0193 MLF 2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	3,367.85	1,086.29
26 05 19 16-0194 MLF 2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	3,760.64	1,220.55
26 05 19 16-0195 MLF 2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	4,538.73	1,341.13
26 05 19 16-0196 MLF 2 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	5,845.19	1,433.13
26 05 19 16-0197 MLF 2 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	7,316.22	1,519.28
26 05 19 16-0198 MLF 3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	3,894.79	1,220.55
26 05 19 16-0199 MLF 3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	4,399.61	1,341.13
26 05 19 16-0200 MLF 3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	5,616.12	1,530.03
26 05 19 16-0201 MLF 3 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	7,347.87	1,650.93
26 05 19 16-0202 MLF 3 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	8,615.18	1,780.75
26 05 19 16-0203 MLF 3 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	10,704.25	1,912.52
26 05 19 16-0204 MLF 3 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	14,896.84	2,041.89
26 05 19 16-0205 MLF 4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	4,526.56	1,341.13
26 05 19 16-0206 MLF 4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	5,186.58	1,530.03
26 05 19 16-0207 MLF 4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	7,930.56	1,697.32
26 05 19 16-0208 MLF 4 Conductors, #8 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	10,822.85	1,869.71
26 05 19 16-0209 MLF 4 Conductors, #6 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	13,271.55	2,000.50
26 05 19 16-0210 MLF 4 Conductors, #4 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	17,592.39	2,129.98
26 05 19 16-0211 MLF 4 Conductors, #2 AWG, Type MC, Solid Or Stranded, Galvanized Steel Armored Cable.....	22,805.04	2,258.39
26 05 19 16-0212 MC, Solid Or Stranded, Aluminum Armor <small>(26 05 19 16-0152)</small>		
26 05 19 16-0213 MLF 2 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable.....	3,338.98	1,086.29
26 05 19 16-0214 MLF 2 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable.....	3,685.79	1,220.55
26 05 19 16-0215 MLF 2 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable.....	4,472.53	1,341.13
26 05 19 16-0216 MLF 3 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable.....	4,015.35	1,220.55
26 05 19 16-0217 MLF 3 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable.....	4,333.11	1,341.13

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0218 MLF 3 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,563.53	1,530.03
26 05 19 16-0219 MLF 4 Conductors, #14 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,099.74	1,341.13
26 05 19 16-0220 MLF 4 Conductors, #12 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	5,602.01	1,530.03
26 05 19 16-0221 MLF 4 Conductors, #10 AWG, Type MC, Solid Or Stranded, Aluminum Armored Cable	7,930.56	1,697.32
26 05 19 16-0222 BX, Solid <small>(26 05 19 16-0152)</small>		
26 05 19 16-0223 MLF #14 AWG Cable - Type BX, 2 Conductors, Solid Copper, Armored Cable	4,560.02	1,448.34
26 05 19 16-0224 MLF #12 AWG Cable - Type BX, 2 Conductors, Solid Copper, Armored Cable	5,087.32	1,645.94
26 05 19 16-0225 MLF #10 AWG Cable - Type BX, 2 Conductors, Solid Copper, Armored Cable	6,559.93	1,939.78
26 05 19 16-0226 MLF #14 AWG Cable - Type BX, 3 Conductors, Solid Copper, Armored Cable	5,154.37	1,574.35
26 05 19 16-0227 MLF #12 AWG Cable - Type BX, 3 Conductors, Solid Copper, Armored Cable	6,269.27	1,939.78
26 05 19 16-0228 MLF #10 AWG Cable - Type BX, 3 Conductors, Solid Copper, Armored Cable	8,013.98	2,311.29
26 05 19 16-0229 MLF #14 AWG Cable - Type BX, 4 Conductors, Solid Copper, Armored Cable	5,954.01	1,724.26
26 05 19 16-0230 MLF #12 AWG Cable - Type BX, 4 Conductors, Solid Copper, Armored Cable	6,839.41	1,939.78
26 05 19 16-0231 MLF #10 AWG Cable - Type BX, 4 Conductors, Solid Copper, Armored Cable	9,548.23	2,468.80
26 05 19 16-0232 FPLP Solid TFN Red Armored Cable <small>(26 05 19 16-0152)</small>		
Note: Color coded red.		
26 05 19 16-0233 MLF #18/2 With Bare #18 Ground Type TFN FPLP Red Armored Cable	3,726.10	825.58
26 05 19 16-0234 MLF #18/4 With Bare #18 Ground Type TFN FPLP Red Armored Cable	4,220.39	955.93
26 05 19 16-0235 MLF #18/6 With Bare #18 Ground Type TFN FPLP Red Armored Cable	5,290.67	1,086.29
26 05 19 16-0236 MLF #18/8 With Bare #18 Ground Type TFN FPLP Red Armored Cable	6,085.90	1,216.64
26 05 19 16-0237 MLF #16/2 With Bare #16 Ground Type TFN FPLP Red Armored Cable	4,231.35	955.93
26 05 19 16-0238 MLF #16/4 With Bare #16 Ground Type TFN FPLP Red Armored Cable	5,027.60	1,086.29
26 05 19 16-0239 MLF #16/6 With Bare #16 Ground Type TFN FPLP Red Armored Cable	6,401.79	1,216.64
26 05 19 16-0240 MLF #16/8 With Bare #16 Ground Type TFN FPLP Red Armored Cable	7,304.65	1,346.99
26 05 19 16-0241 FPLP Solid THHN Red Armored Cable <small>(26 05 19 16-0152)</small>		
Note: Color coded red.		
26 05 19 16-0242 MLF #14/2 With #14 Ground Type THHN FPLP Red Armored Cable	4,685.80	1,086.29
26 05 19 16-0243 MLF #14/4 With #14 Ground Type THHN FPLP Red Armored Cable	5,897.56	1,216.64
26 05 19 16-0244 MLF #14/6 With #14 Ground Type THHN FPLP Red Armored Cable	8,009.18	1,346.99
26 05 19 16-0245 MLF #14/8 With #14 Ground Type THHN FPLP Red Armored Cable	9,336.54	1,477.34
26 05 19 16-0246 MLF #12/2 With #12 Ground Type THHN FPLP Red Armored Cable	6,003.19	1,216.64
26 05 19 16-0247 MLF #12/4 With #12 Ground Type THHN FPLP Red Armored Cable	7,430.21	1,346.99
26 05 19 16-0248 FPLP Twisted Shielded Pair Red Armored Cable <small>(26 05 19 16-0152)</small>		
Note: Color coded red.		
26 05 19 16-0249 MLF #18/2 With #18 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	4,084.84	825.58
26 05 19 16-0250 MLF #18/2 With #18 Tinned Ground And #14/2 With #14 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	6,609.06	1,216.64
26 05 19 16-0251 MLF #16/2 With #16 Tinned Ground FPLP Twisted Shielded Pair Red Armored Cable	5,059.44	955.93
26 05 19 16-0252 MLF #16/4 With Two #16 Tinned Grounds FPLP Twisted Shielded Pair Red Armored Cable	6,002.17	1,086.29
26 05 19 16-0253 MLF #16/2 With #16 Tinned Ground And #12/2 With #12 Ground FPLP Twisted Shielded Pair Red Armored Cable	8,444.65	1,346.99
26 05 19 16-0254 MLF #14/2 With One #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	5,920.47	1,129.74
26 05 19 16-0255 MLF #14/4 With Two #16 Tinned Ground And One #14 Ground FPLP Twisted Shielded Pair Red Armored Cable	7,369.41	1,303.55
26 05 19 16-0256 Armored Cable Connectors <small>(26 05 19 16-0152)</small>		
26 05 19 16-0257 EA 3/4" Armored Cable Connector	6.70	2.39
For Work In Restricted Working Space, Add	1.79	
For Elevated Installation >10' To 15', Add	0.60	
For Elevated Installation >15' To 20', Add	1.19	
For Elevated Installation >20' To 25', Add	1.49	
For Elevated Installation >25' To 30', Add	2.09	
For Elevated Installation >30' To 35', Add	2.38	
For Elevated Installation >35' To 40', Add	2.98	
For Elevated Installation >40', Add	3.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.79	
26 05 19 16-0258 EA 1" Armored Cable Connector	8.94	3.18
For Work In Restricted Working Space, Add	2.38	
For Elevated Installation >10' To 15', Add	0.79	
For Elevated Installation >15' To 20', Add	1.59	
For Elevated Installation >20' To 25', Add	1.99	
For Elevated Installation >25' To 30', Add	2.78	
For Elevated Installation >30' To 35', Add	3.18	
For Elevated Installation >35' To 40', Add	3.97	
For Elevated Installation >40', Add	4.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.38	
26 05 19 16-0259 EA 1-1/4" Armored Cable Connector	11.25	3.97
For Work In Restricted Working Space, Add	2.98	
For Elevated Installation >10' To 15', Add	0.99	
For Elevated Installation >15' To 20', Add	1.99	
For Elevated Installation >20' To 25', Add	2.48	
For Elevated Installation >25' To 30', Add	3.48	
For Elevated Installation >30' To 35', Add	3.97	
For Elevated Installation >35' To 40', Add	4.97	
For Elevated Installation >40', Add	5.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0260 600 Volt, Feeder Wire, Single Stranded Copper <small>(26 05 19 16-0012)</small>		
26 05 19 16-0261 MLF #14 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	879.03	159.08
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	99.26	
For EPR Insulation, Add	42.54	
26 05 19 16-0262 MLF #12 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	983.76	176.15
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	101.19	
For EPR Insulation, Add	43.37	
26 05 19 16-0263 MLF #10 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,215.99	220.20
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	147.73	
For EPR Insulation, Add	63.31	
26 05 19 16-0264 MLF #8 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,686.28	350.31
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	242.87	
For EPR Insulation, Add	104.09	
26 05 19 16-0265 MLF #6 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,356.89	420.37
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	408.11	
For EPR Insulation, Add	174.91	
26 05 19 16-0266 MLF #4 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,252.62	488.05
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	617.42	
For EPR Insulation, Add	264.61	
26 05 19 16-0267 MLF #3 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,714.38	558.60
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	709.57	
For EPR Insulation, Add	304.10	
26 05 19 16-0268 MLF #2 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,750.59	629.16
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	1,002.78	
For EPR Insulation, Add	429.76	
26 05 19 16-0269 MLF #1 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	5,955.18	700.72
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	1,354.92	
For EPR Insulation, Add	580.68	
26 05 19 16-0270 MLF 1/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	7,216.56	790.53
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	1,692.20	
For EPR Insulation, Add	725.23	
26 05 19 16-0271 MLF 2/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	8,756.93	876.66
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	2,127.13	
For EPR Insulation, Add	911.63	
26 05 19 16-0272 MLF 3/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	10,571.73	978.68
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	2,658.11	
For EPR Insulation, Add	1,139.19	
26 05 19 16-0273 MLF 4/0 AWG, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	11,947.84	1,088.14
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	3,035.55	
For EPR Insulation, Add	1,300.95	
26 05 19 16-0274 MLF 250 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	12,699.88	1,193.43
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	3,194.57	
For EPR Insulation, Add	1,369.10	
26 05 19 16-0275 MLF 300 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	15,081.69	1,311.92
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	3,924.00	
For EPR Insulation, Add	1,681.71	
26 05 19 16-0276 MLF 350 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	16,865.41	1,390.81
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	4,444.10	
For EPR Insulation, Add	1,904.62	
26 05 19 16-0277 MLF 400 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	18,952.83	1,554.46
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	5,070.50	
For EPR Insulation, Add	2,173.07	
26 05 19 16-0278 MLF 500 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	21,750.97	1,728.82
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	5,945.65	
For EPR Insulation, Add	2,548.14	
26 05 19 16-0279 MLF 600 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	25,582.64	1,798.68
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	7,147.80	
For EPR Insulation, Add	3,063.34	
26 05 19 16-0280 MLF 750 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	42,225.72	1,868.44
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	12,764.48	
For EPR Insulation, Add	5,470.49	
26 05 19 16-0281 MLF 1,000 MCM, XLPE-USE-RHH-RHW, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	53,471.19	1,996.46
For Chlorosulfonated Polyethylene (CSPE) Synthetic Rubber Jacket, Add	16,561.46	
For EPR Insulation, Add	7,097.77	
26 05 19 16-0282 MLF #16 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,553.36	357.05
26 05 19 16-0283 MLF #14 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,973.06	396.95
26 05 19 16-0284 MLF #12 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,489.83	476.74
26 05 19 16-0285 MLF #10 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,957.38	555.53
26 05 19 16-0286 MLF #8 AWG, Type SFF-2, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,548.92	594.83
26 05 19 16-0287 MLF #18 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	486.01	198.47
26 05 19 16-0288 MLF #16 AWG, Type TFFN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	605.81	218.32
26 05 19 16-0289 MLF #14 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	636.41	159.18
26 05 19 16-0290 MLF #12 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	796.05	189.74
26 05 19 16-0291 MLF #10 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	996.06	238.67
26 05 19 16-0292 MLF #8 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,417.73	314.58
26 05 19 16-0293 MLF #6 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	1,958.96	379.88
26 05 19 16-0294 MLF #4 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	2,626.82	448.95
26 05 19 16-0295 MLF #3 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,152.59	508.20
26 05 19 16-0296 MLF #2 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	3,790.66	569.12
26 05 19 16-0297 MLF #1 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	4,545.84	642.26
26 05 19 16-0298 MLF 1/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	5,290.95	703.29
26 05 19 16-0299 MLF 2/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	6,028.61	777.23
26 05 19 16-0300 MLF 3/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	7,212.96	822.08
26 05 19 16-0301 MLF 4/0 AWG, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	8,643.10	924.89
26 05 19 16-0302 MLF 250 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit.....	10,196.28	983.94

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0303	MLF		300 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	11,817.65	1,114.34
26 05 19 16-0304	MLF		350 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	13,565.89	1,233.22
26 05 19 16-0305	MLF		400 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	15,250.13	1,266.96
26 05 19 16-0306	MLF		500 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	18,222.56	1,340.40
26 05 19 16-0307	MLF		600 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	22,759.27	1,577.38
26 05 19 16-0308	MLF		750 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	35,339.16	1,868.44
26 05 19 16-0309	MLF		1,000 MCM, Type THHN-THWN, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	42,404.86	2,255.86
26 05 19 16-0310	MLF		#16 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,648.76	476.74
26 05 19 16-0311	MLF		#14 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	2,934.48	555.53
26 05 19 16-0312	MLF		#12 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	3,403.51	635.61
26 05 19 16-0313	MLF		#10 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	4,462.60	714.21
26 05 19 16-0314	MLF		#8 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	5,062.55	793.90
26 05 19 16-0315	MLF		#6 AWG, Type TGGT High Temperature, 600 Volt, Copper, Single Stranded Cable, Installed In Conduit	6,506.33	872.49

26 05 19 16-0316 600 Volt, Feeder Wire, Single Stranded Aluminum (26 05 19 16-0012)

26 05 19 16-0317	MLF		#6 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,220.68	303.90
26 05 19 16-0318	MLF		#4 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,451.60	353.37
26 05 19 16-0319	MLF		#2 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,905.20	453.61
26 05 19 16-0320	MLF		#1 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,395.74	506.54
26 05 19 16-0321	MLF		1/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,782.14	570.68
26 05 19 16-0322	MLF		2/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,176.43	629.88
26 05 19 16-0323	MLF		3/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,766.93	710.85
26 05 19 16-0324	MLF		4/0 AWG, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,171.70	784.26
26 05 19 16-0325	MLF		250 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,854.68	862.15
26 05 19 16-0326	MLF		300 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,072.36	937.58
26 05 19 16-0327	MLF		350 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,322.56	1,012.98
26 05 19 16-0328	MLF		400 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,247.97	1,126.71
26 05 19 16-0329	MLF		500 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,988.61	1,240.40
26 05 19 16-0330	MLF		600 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,804.97	1,444.93
26 05 19 16-0331	MLF		700 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,109.00	1,584.04
26 05 19 16-0332	MLF		750 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,328.61	1,642.76
26 05 19 16-0333	MLF		1,000 MCM, Type THHN-THWN, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	15,733.75	1,992.77
26 05 19 16-0334	MLF		#8 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,409.24	352.39
26 05 19 16-0335	MLF		#6 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,584.29	396.95
26 05 19 16-0336	MLF		#4 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,950.44	488.34
26 05 19 16-0337	MLF		#2 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,486.98	598.60
26 05 19 16-0338	MLF		#1 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,212.15	704.69
26 05 19 16-0339	MLF		1/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,726.15	794.20
26 05 19 16-0340	MLF		2/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,262.28	882.12
26 05 19 16-0341	MLF		3/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,961.21	962.41
26 05 19 16-0342	MLF		4/0 AWG, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,399.98	1,024.23
26 05 19 16-0343	MLF		250 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	6,206.05	1,095.88
26 05 19 16-0344	MLF		300 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,724.13	1,174.48
26 05 19 16-0345	MLF		350 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,038.86	1,268.76
26 05 19 16-0346	MLF		400 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,149.31	1,383.57
26 05 19 16-0347	MLF		500 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	10,246.02	1,587.80
26 05 19 16-0348	MLF		600 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	12,130.05	1,670.97
26 05 19 16-0349	MLF		700 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,584.58	1,761.66
26 05 19 16-0350	MLF		750 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,954.74	1,872.22
26 05 19 16-0351	MLF		1,000 MCM, XHHW, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	20,366.67	2,623.84
26 05 19 16-0352	MLF		#6 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,575.51	396.95
26 05 19 16-0353	MLF		#4 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	1,970.25	488.24
26 05 19 16-0354	MLF		#2 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	2,464.87	599.40
26 05 19 16-0355	MLF		#1 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,134.56	700.72
26 05 19 16-0356	MLF		1/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	3,542.41	790.53
26 05 19 16-0357	MLF		2/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,024.41	876.66
26 05 19 16-0358	MLF		3/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	4,705.30	962.41
26 05 19 16-0359	MLF		4/0 AWG, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,159.75	1,024.23
26 05 19 16-0360	MLF		250 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	5,903.60	1,095.18
26 05 19 16-0361	MLF		300 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,271.79	1,175.96
26 05 19 16-0362	MLF		350 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	7,674.64	1,270.44
26 05 19 16-0363	MLF		400 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	8,516.06	1,380.39
26 05 19 16-0364	MLF		500 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	9,800.88	1,587.80
26 05 19 16-0365	MLF		600 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	11,330.46	1,666.49
26 05 19 16-0366	MLF		700 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	12,634.83	1,761.66
26 05 19 16-0367	MLF		750 MCM, XLPE-USE, 600 Volt, Aluminum, Single Stranded Cable, Installed In Conduit	13,096.98	1,866.56

26 05 19 16-0368 Non-Metallic Sheathed Cable (26 05 19 16-0012)**26 05 19 16-0369 Indoor Installation (26 05 19 16-0368)**

Note: For NM, NM-B, NMC-B and NMS-B.

26 05 19 16-0370	MLF		#14 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	2,538.98	754.11
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	282.78	
26 05 19 16-0371	MLF		#14 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,178.85	912.99
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	342.38	
26 05 19 16-0372	MLF		#14 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,615.90	1,010.23
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	378.84	
26 05 19 16-0373	MLF		#12 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	3,162.87	857.41
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	305.16	
26 05 19 16-0374	MLF		#12 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable	4,513.89	952.48
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	357.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0375 MLF #12 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	5,957.78 398.94	1,063.82
26 05 19 16-0376 MLF #10 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	3,939.51 357.38	952.98
26 05 19 16-0377 MLF #10 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	6,176.44 416.87	1,111.66
26 05 19 16-0378 MLF #10 AWG, 4 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	7,353.94 476.34	1,270.24
26 05 19 16-0379 MLF #8 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	7,289.73 406.38	1,141.23
26 05 19 16-0380 MLF #8 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	9,297.98 491.23	1,379.40
26 05 19 16-0381 MLF #6 AWG, 2 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	9,523.08 461.45	1,300.01
26 05 19 16-0382 MLF #6 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	12,689.67 558.21	1,567.95
26 05 19 16-0383 MLF #4 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	29,036.79 614.03	1,726.73
26 05 19 16-0384 MLF #2 AWG, 3 Conductors, 600 Volt, Type NM, Copper, Non-Metallic Sheathed Cable <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	33,854.66 669.85	1,875.59
26 05 19 16-0385 Direct Burial Cable <small>(26 05 19 16-0368)</small> Note: Excludes trench and backfill. For NM, NM-B, NMC-B and NMS-B. Copper.		
26 05 19 16-0386 MLF #14 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,298.90	
26 05 19 16-0387 MLF #14 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,019.35	
26 05 19 16-0388 MLF #12 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	2,930.55	
26 05 19 16-0389 MLF #12 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,830.02	
26 05 19 16-0390 MLF #10 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	3,223.52	
26 05 19 16-0391 MLF #10 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	4,718.03	
26 05 19 16-0392 MLF #8 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	5,182.03	
26 05 19 16-0393 MLF #8 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,671.25	
26 05 19 16-0394 MLF #6 AWG, 2 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	6,583.75	
26 05 19 16-0395 MLF #6 AWG, 3 Conductors, 600 Volt, Type UF Copper, Direct Burial Non-Metallic Sheathed Cable, Placed In Trench	8,755.07	
26 05 19 16-0396 SEU Cable Copper, 3 Conductor <small>(26 05 19 16-0368)</small>		
26 05 19 16-0397 MLF 12-12-12 Cable SEU Copper	3,136.26	956.26
26 05 19 16-0398 MLF 10-10-10 Cable SEU Copper	4,048.71	1,086.29
26 05 19 16-0399 MLF 8-8-8 Cable SEU Copper	5,171.77	1,216.42
26 05 19 16-0400 MLF 6-6-8 Cable SEU Copper	6,409.72	1,304.09
26 05 19 16-0401 MLF 6-6-6 Cable SEU Copper	6,949.85	1,347.75
26 05 19 16-0402 MLF 4-4-6 Cable SEU Copper	8,636.55	1,477.90
26 05 19 16-0403 MLF 4-4-4 Cable SEU Copper	9,376.97	1,521.45
26 05 19 16-0404 MLF 3-3-5 Cable SEU Copper	11,038.56	1,650.93
26 05 19 16-0405 MLF 3-3-3 Cable SEU Copper	11,740.36	1,738.06
26 05 19 16-0406 MLF 2-2-4 Cable SEU Copper	12,573.01	1,825.72
26 05 19 16-0407 MLF 2-2-2 Cable SEU Copper	13,481.93	1,912.52
26 05 19 16-0408 MLF 1-1-1 Cable SEU Copper	16,672.16	2,172.57
26 05 19 16-0409 MLF 1/0-1/0-1/0 Cable SEU Copper	19,992.38	2,435.67
26 05 19 16-0410 MLF 2/0-2/0-2/0 Cable SEU Copper	24,266.42	2,743.20
26 05 19 16-0411 MLF 3/0-3/0-3/0 Cable SEU Copper	29,447.09	3,051.38
26 05 19 16-0412 MLF 4/0-4/0-4/0 Cable SEU Copper	32,913.57	3,405.29
26 05 19 16-0413 SEU Cable Aluminum, 3 Conductor <small>(26 05 19 16-0368)</small>		
26 05 19 16-0414 MLF 8-8-8 Cable SEU Aluminum	4,090.62	1,220.55
26 05 19 16-0415 MLF 6-6-6 Cable SEU Aluminum	4,688.88	1,341.13
26 05 19 16-0416 MLF 4-4-6 Cable SEU Aluminum	5,285.37	1,468.01
26 05 19 16-0417 MLF 4-4-4 Cable SEU Aluminum	5,538.04	1,530.03
26 05 19 16-0418 MLF 2-2-4 Cable SEU Aluminum	6,636.41	1,810.52
26 05 19 16-0419 MLF 2-2-2 Cable SEU Aluminum	7,053.02	1,905.78
26 05 19 16-0420 MLF 1-1-1 Cable SEU Aluminum	8,532.84	2,172.57
26 05 19 16-0421 MLF 1/0-1/0-2 Cable SEU Aluminum	9,039.15	2,286.96
26 05 19 16-0422 MLF 1/0-1/0-1/0 Cable SEU Aluminum	11,177.17	2,413.94
26 05 19 16-0423 MLF 2/0-2/0-1 Cable SEU Aluminum	10,203.49	2,586.45
26 05 19 16-0424 MLF 2/0-2/0-2/0 Cable SEU Aluminum	10,787.61	2,715.72
26 05 19 16-0425 MLF 3/0-3/0-1/0 Cable SEU Aluminum	11,811.46	2,843.67
26 05 19 16-0426 MLF 3/0-3/0-3/0 Cable SEU Aluminum	12,649.27	3,017.48
26 05 19 16-0427 MLF 4/0-4/0-2/0 Cable SEU Aluminum	13,314.77	3,262.12
26 05 19 16-0428 MLF 4/0-4/0-4/0 Cable SEU Aluminum	14,088.65	3,394.64
26 05 19 16-0429 SER Cable Copper, 4 Conductor <small>(26 05 19 16-0368)</small>		
26 05 19 16-0430 MLF 6-6-6-6 Cable SER Copper	10,295.61	1,565.23
26 05 19 16-0431 MLF 4-4-4-6 Cable SER Copper	11,300.68	1,694.71
26 05 19 16-0432 MLF 3-3-3-5 Cable SER Copper	14,098.88	1,912.52

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0433 MLF 2-2-2-4 Cable SER Copper.....	16,193.38	2,085.01
26 05 19 16-0434 MLF 1-1-1-3 Cable SER Copper.....	18,895.52	2,387.44
26 05 19 16-0435 MLF 1/0-1/0-1/0-2 Cable SER Copper.....	23,100.42	2,736.25
26 05 19 16-0436 MLF 2/0-2/0-2/0-1 Cable SER Copper.....	29,182.97	2,951.87
26 05 19 16-0437 MLF 3/0-3/0-3/0-1/0 Cable SER Copper.....	33,762.21	3,301.76
26 05 19 16-0438 SER Cable Aluminum, 4 Conductor (26 05 19 16-0368)		
26 05 19 16-0439 MLF 8-8-8-8 Cable SER Aluminum.....	5,527.14	1,460.94
26 05 19 16-0440 MLF 6-6-6-6 Cable SER Aluminum.....	6,061.56	1,565.23
26 05 19 16-0441 MLF 4-4-4-6 Cable SER Aluminum.....	6,859.97	1,694.71
26 05 19 16-0442 MLF 2-2-2-4 Cable SER Aluminum.....	8,706.22	2,085.01
26 05 19 16-0443 MLF 1-1-1-3 Cable SER Aluminum.....	10,641.61	2,387.44
26 05 19 16-0444 MLF 1/0-1/0-1/0-2 Cable SER Aluminum.....	11,971.17	2,736.25
26 05 19 16-0445 MLF 2/0-2/0-2/0-1 Cable SER Aluminum.....	13,537.13	2,951.87
26 05 19 16-0446 MLF 3/0-3/0-3/0-1/0 Cable SER Aluminum.....	15,488.50	3,301.76
26 05 19 16-0447 MLF 4/0-4/0-4/0-2/0 Cable SER Aluminum.....	17,680.32	3,679.14
26 05 19 16-0448 Control Tray Cable, Low Voltage (26 05 19 16-0011)		
Note: Type "TC" multi-conductor (individually numbered conductors) control cables installed in conduit.		
26 05 19 16-0449 MLF 2 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,001.04	481.40
For Work In Restricted Working Space, Add	240.70	
26 05 19 16-0450 MLF 3 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,152.98	538.51
For Work In Restricted Working Space, Add	269.25	
26 05 19 16-0451 MLF 4 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,205.03	538.47
For Work In Restricted Working Space, Add	269.25	
26 05 19 16-0452 MLF 5 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,508.88	675.39
For Work In Restricted Working Space, Add	337.70	
26 05 19 16-0453 MLF 7 Conductor #18 AWG, Stranded, Type TC Control Cable.....	1,896.87	823.02
For Work In Restricted Working Space, Add	411.51	
26 05 19 16-0454 MLF 9 Conductor #18 AWG, Stranded, Type TC Control Cable.....	2,161.32	905.04
For Work In Restricted Working Space, Add	452.52	
26 05 19 16-0455 MLF 12 Conductor #18 AWG, Stranded, Type TC Control Cable.....	2,565.55	1,028.35
For Work In Restricted Working Space, Add	514.18	
26 05 19 16-0456 MLF 15 Conductor #18 AWG, Stranded, Type TC Control Cable.....	3,239.86	1,256.94
For Work In Restricted Working Space, Add	628.47	
26 05 19 16-0457 MLF 19 Conductor #18 AWG, Stranded, Type TC Control Cable.....	3,695.34	1,371.27
For Work In Restricted Working Space, Add	685.63	
26 05 19 16-0458 MLF 25 Conductor #18 AWG, Stranded, Type TC Control Cable.....	4,353.46	1,414.14
For Work In Restricted Working Space, Add	707.07	
26 05 19 16-0459 MLF 30 Conductor #18 AWG, Stranded, Type TC Control Cable.....	5,343.09	1,766.63
For Work In Restricted Working Space, Add	883.31	
26 05 19 16-0460 MLF 37 Conductor #18 AWG, Stranded, Type TC Control Cable.....	6,402.79	2,064.64
For Work In Restricted Working Space, Add	1,032.32	
26 05 19 16-0461 MLF 2 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,092.90	507.11
For Work In Restricted Working Space, Add	253.35	
26 05 19 16-0462 MLF 3 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,264.10	566.85
For Work In Restricted Working Space, Add	283.42	
26 05 19 16-0463 MLF 4 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,472.05	652.59
For Work In Restricted Working Space, Add	326.29	
26 05 19 16-0464 MLF 5 Conductor #16 AWG, Stranded, Type TC Control Cable.....	1,663.93	710.93
For Work In Restricted Working Space, Add	355.47	
26 05 19 16-0465 MLF 7 Conductor #16 AWG, Stranded, Type TC Control Cable.....	2,100.35	866.35
For Work In Restricted Working Space, Add	433.17	
26 05 19 16-0466 MLF 9 Conductor #16 AWG, Stranded, Type TC Control Cable.....	2,403.93	952.68
For Work In Restricted Working Space, Add	476.34	
26 05 19 16-0467 MLF 12 Conductor #16 AWG, Stranded, Type TC Control Cable.....	2,868.65	1,082.49
For Work In Restricted Working Space, Add	541.24	
26 05 19 16-0468 MLF 15 Conductor #16 AWG, Stranded, Type TC Control Cable.....	3,636.25	1,323.03
For Work In Restricted Working Space, Add	661.52	
26 05 19 16-0469 MLF 19 Conductor #16 AWG, Stranded, Type TC Control Cable.....	4,167.89	1,443.31
For Work In Restricted Working Space, Add	721.66	
26 05 19 16-0470 MLF 25 Conductor #16 AWG, Stranded, Type TC Control Cable.....	4,976.65	1,488.56
For Work In Restricted Working Space, Add	744.28	
26 05 19 16-0471 MLF 30 Conductor #16 AWG, Stranded, Type TC Control Cable.....	6,097.58	1,859.51
For Work In Restricted Working Space, Add	929.75	
26 05 19 16-0472 MLF 37 Conductor #16 AWG, Stranded, Type TC Control Cable.....	7,324.32	2,173.30
For Work In Restricted Working Space, Add	1,086.65	
26 05 19 16-0473 MLF 2 Conductor #14 AWG, Stranded, Type TC Control Cable.....	1,183.83	529.33
For Work In Restricted Working Space, Add	264.67	
26 05 19 16-0474 MLF 3 Conductor #14 AWG, Stranded, Type TC Control Cable.....	1,412.26	595.43
For Work In Restricted Working Space, Add	297.71	
26 05 19 16-0475 MLF 4 Conductor #14 AWG, Stranded, Type TC Control Cable.....	1,654.71	680.57
For Work In Restricted Working Space, Add	340.28	
26 05 19 16-0476 MLF 5 Conductor #14 AWG, Stranded, Type TC Control Cable.....	1,860.32	732.97
For Work In Restricted Working Space, Add	366.48	
26 05 19 16-0477 MLF 7 Conductor #14 AWG, Stranded, Type TC Control Cable.....	2,473.30	898.50
For Work In Restricted Working Space, Add	449.25	
26 05 19 16-0478 MLF 9 Conductor #14 AWG, Stranded, Type TC Control Cable.....	2,848.92	992.37
For Work In Restricted Working Space, Add	496.29	
26 05 19 16-0479 MLF 12 Conductor #14 AWG, Stranded, Type TC Control Cable.....	3,489.91	1,107.49
For Work In Restricted Working Space, Add	553.75	
26 05 19 16-0480 MLF 15 Conductor #14 AWG, Stranded, Type TC Control Cable.....	4,168.51	1,322.84
For Work In Restricted Working Space, Add	661.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0481 MLF 19 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,008.65 768.40	1,537.19
26 05 19 16-0482 MLF 25 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,236.85 898.79	1,797.19
26 05 19 16-0483 MLF 30 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,245.20 1,004.18	2,008.37
26 05 19 16-0484 MLF 37 Conductor #14 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	8,724.76 1,173.59	2,347.16
26 05 19 16-0485 MLF 2 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,376.46 283.42	566.85
26 05 19 16-0486 MLF 3 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,642.28 313.49	627.18
26 05 19 16-0487 MLF 4 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,995.24 360.83	721.66
26 05 19 16-0488 MLF 5 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,255.98 384.05	768.10
26 05 19 16-0489 MLF 7 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,969.30 457.88	915.77
26 05 19 16-0490 MLF 9 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,661.13 541.24	1,082.49
26 05 19 16-0491 MLF 12 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,448.27 610.61	1,221.22
26 05 19 16-0492 MLF 15 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,292.06 700.52	1,401.03
26 05 19 16-0493 MLF 19 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,254.20 794.00	1,588.00
26 05 19 16-0494 MLF 25 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	8,001.86 927.97	1,855.94
26 05 19 16-0495 MLF 30 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,267.20 1,084.57	2,169.14
26 05 19 16-0496 MLF 37 Conductor #12 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,204.11 1,267.66	2,535.31
26 05 19 16-0497 MLF 2 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	1,637.00 297.71	595.43
26 05 19 16-0498 MLF 3 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,039.79 326.29	652.98
26 05 19 16-0499 MLF 4 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,482.41 372.14	744.28
26 05 19 16-0500 MLF 5 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	2,883.30 403.70	807.40
26 05 19 16-0501 MLF 7 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	3,900.87 506.71	1,013.41
26 05 19 16-0502 MLF 9 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	4,622.75 567.14	1,134.28
26 05 19 16-0503 MLF 12 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	5,386.79 661.52	1,323.03
26 05 19 16-0504 MLF 15 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	6,365.73 756.49	1,512.98
26 05 19 16-0505 MLF 19 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	7,547.84 857.41	1,714.82
26 05 19 16-0506 MLF 25 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	9,721.55 1,002.10	2,004.20
26 05 19 16-0507 MLF 30 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	11,251.57 1,171.20	2,342.40
26 05 19 16-0508 MLF 37 Conductor #10 AWG, Stranded, Type TC Control Cable..... <i>For Work In Restricted Working Space, Add</i>	13,636.08 1,369.18	2,738.36
26 05 19 16-0509 ACSR (Aluminum Conductor Steel Reinforced) <small>(26 05 19 16-0011)</small> Note: Concentric lay stranded Class A galvanizing installed on poles, aerially.		
26 05 19 16-0510 ACSR Cable <small>(26 05 19 16-0509)</small>		
26 05 19 16-0511 MLF #4 AWG, ACSR Cable Swan 6/1, Aluminum Cable, Installed On Poles (Aerial)	1,996.54	504.00
26 05 19 16-0512 MLF #4 AWG, ACSR Cable Swanate 7/1, Aluminum Cable, Installed On Poles (Aerial)	2,181.63	523.33
26 05 19 16-0513 MLF #2 AWG, ACSR Cable Sparrow 6/1, Aluminum Cable, Installed On Poles (Aerial)	2,466.97	543.48
26 05 19 16-0514 MLF #2 AWG, ACSR Cable Sparate 7/1, Aluminum Cable, Installed On Poles (Aerial)	2,651.84	563.16
26 05 19 16-0515 MLF 1/0 AWG, ACSR Cable Raven 6/1, Aluminum Cable, Installed On Poles (Aerial)	3,180.16	582.26
26 05 19 16-0516 MLF 2/0 AWG, ACSR Cable Quail 6/1, Aluminum Cable, Installed On Poles (Aerial)	3,797.46	660.06
26 05 19 16-0517 MLF 3/0 AWG, ACSR Cable Pigeon 6/1, Aluminum Cable, Installed On Poles (Aerial)	4,529.42	736.10
26 05 19 16-0518 MLF 4/0 AWG, ACSR Cable Penguin 6/1, Aluminum Cable, Installed On Poles (Aerial)	5,377.10	813.19
26 05 19 16-0519 MLF 336 AWG ACSR Cable Merlin 18/1, Aluminum Cable, Installed On Poles (Aerial)	5,834.62	1,045.04
26 05 19 16-0520 MLF 477 AWG, ACSR Cable Hawk 26/1, Aluminum Cable, Installed On Poles (Aerial)	6,586.47	1,198.76
26 05 19 16-0521 All Aluminum Conductors <small>(26 05 19 16-0509)</small>		
26 05 19 16-0522 MLF 795.0 ACSR Conductor Aluminum	41,258.24	9,927.42
26 05 19 16-0523 Single Conductor Installed On Poles <small>(26 05 19 16-0011)</small>		
26 05 19 16-0524 Bare Stranded Conductor <small>(26 05 19 16-0523)</small>		
26 05 19 16-0525 MLF #12 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	1,285.76	427.03
26 05 19 16-0526 MLF #10 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	1,506.89	465.46
26 05 19 16-0527 MLF #8 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	1,729.26	504.35
26 05 19 16-0528 MLF #6 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	2,119.44	543.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0529 MLF #4 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	2,577.96	582.73
26 05 19 16-0530 MLF #2 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	3,693.86	698.94
26 05 19 16-0531 MLF #1 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	4,245.13	776.39
26 05 19 16-0532 MLF 1/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	4,844.81	852.43
26 05 19 16-0533 MLF 2/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	6,499.05	1,011.04
26 05 19 16-0534 MLF 3/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	7,887.33	1,162.42
26 05 19 16-0535 MLF 4/0 AWG, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	8,464.84	1,317.43
26 05 19 16-0536 MLF 250 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	10,716.23	1,552.66
26 05 19 16-0537 MLF 300 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	10,961.42	1,634.41
26 05 19 16-0538 MLF 350 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	13,689.43	1,711.62
26 05 19 16-0539 MLF 400 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	15,129.46	1,781.84
26 05 19 16-0540 MLF 500 MCM, Single Conductor, Bare Stranded Copper Cable, Installed On Poles.....	17,640.60	1,857.88
26 05 19 16-0541 Insulated Stranded Conductor <small>(26 05 19 16-0523)</small>		
26 05 19 16-0542 MLF #12 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	1,390.57	427.03
26 05 19 16-0543 MLF #10 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	1,642.12	465.46
26 05 19 16-0544 MLF #8 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	1,996.22	504.35
26 05 19 16-0545 MLF #6 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	2,169.97	543.48
26 05 19 16-0546 MLF #4 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	2,655.05	582.73
26 05 19 16-0547 MLF #2 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	3,582.52	698.94
26 05 19 16-0548 MLF #1 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	4,234.02	776.39
26 05 19 16-0549 MLF 1/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	4,999.83	852.43
26 05 19 16-0550 MLF 2/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	6,023.00	1,011.04
26 05 19 16-0551 MLF 3/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	7,223.76	1,162.42
26 05 19 16-0552 MLF 4/0 AWG, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	8,516.61	1,317.43
26 05 19 16-0553 MLF 250 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	10,399.50	1,552.66
26 05 19 16-0554 MLF 300 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	11,799.80	1,634.41
26 05 19 16-0555 MLF 350 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	12,941.56	1,711.62
26 05 19 16-0556 MLF 400 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	14,509.38	1,781.84
26 05 19 16-0557 MLF 500 MCM, Single Conductor, Insulated Stranded Copper Cable, Installed On Poles.....	16,321.70	1,857.88
26 05 19 16-0558 Bare Solid Conductor <small>(26 05 19 16-0523)</small>		
26 05 19 16-0559 MLF #12 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	1,285.76	427.03
26 05 19 16-0560 MLF #8 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	1,729.26	504.35
26 05 19 16-0561 MLF #6 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	2,119.44	543.48
26 05 19 16-0562 MLF #4 AWG, Single Conductor, Bare Solid Copper Cable, Installed On Poles.....	2,546.10	582.73
26 05 19 16-0563 Multi-Conductor Cords, Cables And Associated Equipment <small>(26 05 19 16-0011)</small>		
26 05 19 16-0564 Multi-Conductor Cords <small>(26 05 19 16-0563)</small>		
Note: Includes installation in cable tray, surface mounting or installation between junction boxes. Excludes strain relief devices, plugs and connector bodies.		
26 05 19 16-0565 Multi-Conductor Type SOOW And SJOOW Cord <small>(26 05 19 16-0564)</small>		
Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.		
26 05 19 16-0566 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0565)</small>		
26 05 19 16-0567 #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0566)</small>		
26 05 19 16-0568 LF 2 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.07	0.43
26 05 19 16-0569 LF 3 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.11	0.43
26 05 19 16-0570 LF 4 Conductors, #18 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.24	0.43
26 05 19 16-0571 #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0566)</small>		
26 05 19 16-0572 LF 2 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.24	0.43
26 05 19 16-0573 LF 3 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.32	0.43
26 05 19 16-0574 LF 4 Conductors, #16 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.43	0.43
26 05 19 16-0575 #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0566)</small>		
26 05 19 16-0576 LF 2 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.39	0.43
26 05 19 16-0577 LF 3 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.51	0.43
26 05 19 16-0578 LF 4 Conductors, #14 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.76	0.43
26 05 19 16-0579 #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0566)</small>		
26 05 19 16-0580 LF 2 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.60	0.43
26 05 19 16-0581 LF 3 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.75	0.43
26 05 19 16-0582 LF 4 Conductors, #12 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	1.96	0.43
26 05 19 16-0583 #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0566)</small>		
26 05 19 16-0584 LF 2 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.07	0.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0585 LF 3 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.18	0.54
26 05 19 16-0586 LF 4 Conductors, #10 AWG, 300 Volt, 90 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Carolprene).....	2.33	0.54
26 05 19 16-0587 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0585)</small>		
26 05 19 16-0588 #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0589 LF 2 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.11	0.43
26 05 19 16-0590 LF 3 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.20	0.43
26 05 19 16-0591 LF 4 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.32	0.43
26 05 19 16-0592 LF 5 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.28	0.59
26 05 19 16-0593 LF 6 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.48	0.60
26 05 19 16-0594 LF 7 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.63	0.62
26 05 19 16-0595 LF 8 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.89	0.63
26 05 19 16-0596 LF 10 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.31	0.67
26 05 19 16-0597 LF 12 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.77	0.68
26 05 19 16-0598 LF 14 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.95	0.70
26 05 19 16-0599 LF 16 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.05	0.72
26 05 19 16-0600 LF 18 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.19	0.73
26 05 19 16-0601 LF 20 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.77	0.75
26 05 19 16-0602 LF 24 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.25	0.76
26 05 19 16-0603 LF 30 Conductors, #18 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.56	0.81
26 05 19 16-0604 #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0605 LF 2 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.32	0.43
26 05 19 16-0606 LF 3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.40	0.43
26 05 19 16-0607 LF 4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.55	0.43
26 05 19 16-0608 LF 5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.38	0.59
26 05 19 16-0609 LF 6 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.61	0.60
26 05 19 16-0610 LF 7 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	2.85	0.62
26 05 19 16-0611 LF 8 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.16	0.63
26 05 19 16-0612 LF 9 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.28	0.65
26 05 19 16-0613 LF 10 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.64	0.67
26 05 19 16-0614 LF 12 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.24	0.68
26 05 19 16-0615 LF 14 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.54	0.70
26 05 19 16-0616 LF 16 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.13	0.72
26 05 19 16-0617 LF 18 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.92	0.73
26 05 19 16-0618 LF 20 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.64	0.75
26 05 19 16-0619 LF 24 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.00	0.76
26 05 19 16-0620 LF 26 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.80	0.78
26 05 19 16-0621 LF 30 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.24	0.81
26 05 19 16-0622 #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0623 LF 2 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.53	0.43
26 05 19 16-0624 LF 3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.62	0.43
26 05 19 16-0625 LF 4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.84	0.43
26 05 19 16-0626 LF 5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.07	0.59
26 05 19 16-0627 LF 6 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.66	0.60
26 05 19 16-0628 LF 7 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.87	0.62
26 05 19 16-0629 LF 8 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.36	0.63
26 05 19 16-0630 LF 9 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.67	0.65
26 05 19 16-0631 LF 10 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.22	0.67
26 05 19 16-0632 LF 12 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.74	0.68
26 05 19 16-0633 LF 14 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.32	0.70
26 05 19 16-0634 LF 16 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.59	0.72
26 05 19 16-0635 LF 20 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.53	0.75
26 05 19 16-0636 LF 24 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.03	0.76

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0637 LF 30 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	11.86	0.81
26 05 19 16-0638 #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0639 LF 2 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.76	0.43
26 05 19 16-0640 LF 3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	1.93	0.43
26 05 19 16-0641 LF 4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.09	0.43
26 05 19 16-0642 LF 5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.51	0.59
26 05 19 16-0643 LF 6 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.06	0.60
26 05 19 16-0644 LF 7 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.62	0.62
26 05 19 16-0645 LF 8 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.24	0.63
26 05 19 16-0646 LF 9 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.67	0.65
26 05 19 16-0647 LF 10 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	6.42	0.67
26 05 19 16-0648 LF 12 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.30	0.68
26 05 19 16-0649 LF 14 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.11	0.70
26 05 19 16-0650 LF 16 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.94	0.72
26 05 19 16-0651 LF 18 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	9.33	0.73
26 05 19 16-0652 LF 20 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.75	0.75
26 05 19 16-0653 LF 24 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	12.20	0.76
26 05 19 16-0654 LF 26 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	13.67	0.78
26 05 19 16-0655 LF 28 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.14	0.80
26 05 19 16-0656 LF 30 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	14.64	0.81
26 05 19 16-0657 #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0658 LF 2 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.03	0.54
26 05 19 16-0659 LF 3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.17	0.54
26 05 19 16-0660 LF 4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	2.32	0.54
26 05 19 16-0661 LF 5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	3.04	0.59
26 05 19 16-0662 LF 6 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	4.95	0.60
26 05 19 16-0663 LF 7 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	5.82	0.62
26 05 19 16-0664 LF 10 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	7.48	0.67
26 05 19 16-0665 LF 12 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	8.57	0.68
26 05 19 16-0666 LF 16 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	10.91	0.72
26 05 19 16-0667 LF 20 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron).....	15.86	0.75
26 05 19 16-0668 #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0669 LF 3 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	4.02	0.65
26 05 19 16-0670 LF 4 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	4.36	0.76
26 05 19 16-0671 LF 5 Conductors, #8 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.93	0.76
26 05 19 16-0672 #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0673 LF 3 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	5.74	0.76
26 05 19 16-0674 LF 4 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	6.93	0.87
26 05 19 16-0675 LF 5 Conductors, #6 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	8.32	1.08
26 05 19 16-0676 #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0677 LF 3 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	9.15	1.08
26 05 19 16-0678 LF 4 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	10.03	1.19
26 05 19 16-0679 LF 5 Conductors, #4 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	12.10	1.30
26 05 19 16-0680 #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0587)</small>		
26 05 19 16-0681 LF 3 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	13.80	2.18
26 05 19 16-0682 LF 4 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	17.56	2.72
26 05 19 16-0683 LF 5 Conductors, #2 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Carolprene).....	21.29	3.59
26 05 19 16-0684 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0565)</small>		
26 05 19 16-0685 #18 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0684)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0686 LF 2 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.43	0.43
26 05 19 16-0687 LF 3 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.57	0.43
26 05 19 16-0688 LF 4 Conductors, #18 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.85	0.43
26 05 19 16-0689 #16 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0684)</small>		
26 05 19 16-0690 LF 2 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.52	0.43
26 05 19 16-0691 LF 3 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.74	0.43
26 05 19 16-0692 LF 4 Conductors, #16 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	1.85	0.43
26 05 19 16-0693 #14 AWG, 300 Volt, Multi-Conductor Type SJOOW Cord <small>(26 05 19 16-0684)</small>		
26 05 19 16-0694 LF 2 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.08	0.43
26 05 19 16-0695 LF 3 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	2.98	0.43
26 05 19 16-0696 LF 4 Conductors, #14 AWG, 300 Volt, 105 Degree Celsius, Multi-Conductor Type SJOOW Cord (Carol Super Vu-Tron III).....	3.81	0.54
26 05 19 16-0697 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0665)</small>		
26 05 19 16-0698 #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0697)</small>		
26 05 19 16-0699 LF 2 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.01	0.43
26 05 19 16-0700 LF 3 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.39	0.43
26 05 19 16-0701 LF 4 Conductors, #18 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.78	0.43
26 05 19 16-0702 #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0697)</small>		
26 05 19 16-0703 LF 2 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.14	0.43
26 05 19 16-0704 LF 3 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.53	0.43
26 05 19 16-0705 LF 4 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.14	0.43
26 05 19 16-0706 LF 5 Conductors, #16 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.41	0.54
26 05 19 16-0707 #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0697)</small>		
26 05 19 16-0708 LF 3 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	2.62	0.43
26 05 19 16-0709 LF 4 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.12	0.43
26 05 19 16-0710 LF 5 Conductors, #14 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.49	0.54
26 05 19 16-0711 #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0697)</small>		
26 05 19 16-0712 LF 3 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.09	0.43
26 05 19 16-0713 LF 4 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.53	0.43
26 05 19 16-0714 LF 5 Conductors, #12 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.95	0.54
26 05 19 16-0715 #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord <small>(26 05 19 16-0697)</small>		
26 05 19 16-0716 LF 3 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.55	0.54
26 05 19 16-0717 LF 4 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	3.94	0.54
26 05 19 16-0718 LF 5 Conductors, #10 AWG, 600 Volt, 105 Degree Celsius, Multi-Conductor Type SOOW Cord (Carol Super Vu-Tron III).....	4.33	0.54
26 05 19 16-0719 Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0564)</small>		
Note: Includes thermoplastic elastomeric (TPE) insulation.		

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 19 16-0720		600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0719)</small>			
26 05 19 16-0721		#16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0720)</small>			
26 05 19 16-0722	LF	3 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.54		0.43
26 05 19 16-0723	LF	4 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	1.69		0.43
26 05 19 16-0724	LF	5 Conductors, #16 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.54		0.54
26 05 19 16-0725		#14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0720)</small>			
26 05 19 16-0726	LF	3 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.00		0.43
26 05 19 16-0727	LF	4 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.29		0.43
26 05 19 16-0728	LF	5 Conductors, #14 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.27		0.54
26 05 19 16-0729		#12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0720)</small>			
26 05 19 16-0730	LF	3 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.47		0.43
26 05 19 16-0731	LF	4 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	2.84		0.43
26 05 19 16-0732	LF	5 Conductors, #12 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.58		0.54
26 05 19 16-0733		#10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord <small>(26 05 19 16-0720)</small>			
26 05 19 16-0734	LF	3 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.13		0.54
26 05 19 16-0735	LF	4 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.58		0.54
26 05 19 16-0736	LF	5 Conductors, #10 AWG, 600 Volt, 90 Degree Celsius, Multi-Conductor Type SEOW Cord.....	3.82		0.54
26 05 19 16-0737		Multi-Conductor Type W Cord <small>(26 05 19 16-0564)</small> Note: Includes ethylene propylene diene monomer (EPDM) rubber insulation.			
26 05 19 16-0738		2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0737)</small>			
26 05 19 16-0739		#8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0738)</small>			
26 05 19 16-0740	LF	3 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.40		0.65
26 05 19 16-0741	LF	4 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.72		0.76
26 05 19 16-0742	LF	5 Conductors, #8 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.58		0.76
26 05 19 16-0743		#6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0738)</small>			
26 05 19 16-0744	LF	3 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	4.73		0.76
26 05 19 16-0745	LF	4 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	5.63		0.87
26 05 19 16-0746	LF	5 Conductors, #6 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	7.01		1.08
26 05 19 16-0747		#4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord <small>(26 05 19 16-0738)</small>			
26 05 19 16-0748	LF	3 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	6.39		0.76
26 05 19 16-0749	LF	4 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	7.55		0.87
26 05 19 16-0750	LF	5 Conductors, #4 AWG, 2,000 Volt, 90 Degree Celsius, Multi-Conductor Type W Cord (Carol Super Vu-Tron).....	9.69		1.08
26 05 19 16-0751		Cord Grips, Cable Reels, Extension Cords, And Accessories <small>(26 05 19 16-0563)</small>			
26 05 19 16-0752		Cord Grips <small>(26 05 19 16-0751)</small>			
26 05 19 16-0753	EA	Cord Grip With Watertight Connector For 1/2" NPT Zinc Plated Steel.....	69.42		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.75		
26 05 19 16-0754	EA	Cord Grip With Watertight Connector For 3/4" NPT Zinc Plated Steel.....	69.82		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.75		
26 05 19 16-0755		Cable Reels <small>(26 05 19 16-0751)</small> Note: Includes handling, mounting, electrical connections and installing cord.			
26 05 19 16-0756	EA	30', 16-3, SJO, Extension Cord Reel (Cox Reels PC10-3016-A).....	635.99		54.31
26 05 19 16-0757	EA	50', 10-4, SEOWW, Extension Cord Reel (Reelcraft L 7050 104 X 1).....	1,769.08		54.31
26 05 19 16-0758	EA	50', 16-3, SOOW, Extension Cord Reel (KH Industries RTFD3L-WW-B16K).....	1,321.18		54.31
26 05 19 16-0759		Extension Cords For Cable Reel <small>(26 05 19 16-0751)</small>			
26 05 19 16-0760	EA	100 LF, 120 Volt, 12 Gauge, 3 Wire, Extension Cord.....	198.70		
26 05 19 16-0761	EA	100 LF, 240 Volt, 10 Gauge, 3 Wire, Extension Cord.....	284.18		
26 05 19 16-0762		Plugs And Connector Bodies <small>(26 05 19 16-0751)</small> Note: Up to 277 volt			
26 05 19 16-0763		NEMA Twist-Lock Plugs <small>(26 05 19 16-0762)</small>			
26 05 19 16-0764	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7545C).....	73.57		
26 05 19 16-0765	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL4770CBK).....	75.06		
26 05 19 16-0766	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Plug (Hubbell HBL7102C).....	68.82		
26 05 19 16-0767	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2331).....	73.39		
26 05 19 16-0768	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2411).....	94.81		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0769	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2441)	100.62	
26 05 19 16-0770	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2511BK)	106.30	
26 05 19 16-0771	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Plug (Hubbell HBL2611BK)	95.68	
26 05 19 16-0772	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2711BK)	109.63	
26 05 19 16-0773	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Plug (Hubbell HBL2761)	112.35	
26 05 19 16-0774	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Plug (Hubbell HBL2811BK)	115.81	
26 05 19 16-0775		NEMA Twist-Lock Connector Bodies <small>(26 05 19 16-0762)</small>		
26 05 19 16-0776	EA	15 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7506C)	77.77	
26 05 19 16-0777	EA	15 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL4779C)	83.02	
26 05 19 16-0778	EA	20 Amperes, 2 Pole 2 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL7101C)	71.97	
26 05 19 16-0779	EA	20 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2323BK)	95.68	
26 05 19 16-0780	EA	20 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2413BK)	110.99	
26 05 19 16-0781	EA	20 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2443)	118.40	
26 05 19 16-0782	EA	20 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2513BK)	143.35	
26 05 19 16-0783	EA	30 Amperes, 2 Pole 3 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2623BK)	137.05	
26 05 19 16-0784	EA	30 Amperes, 3 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2713BK)	168.29	
26 05 19 16-0785	EA	30 Amperes, 4 Pole 4 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2753)	176.57	
26 05 19 16-0786	EA	30 Amperes, 4 Pole 5 Wire, NEMA Twist-Lock Connector Body (Hubbell HBL2813BK)	167.55	
26 05 19 16-0787		Watertight Pin And Sleeve Plug <small>(26 05 19 16-0762)</small>		
26 05 19 16-0788	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P4W)	258.15	32.59
26 05 19 16-0789	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P6W)	260.95	32.59
26 05 19 16-0790	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 320P7W)	282.68	32.59
26 05 19 16-0791	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P12W)	282.65	35.85
26 05 19 16-0792	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P9W)	278.43	35.85
26 05 19 16-0793	EA	20 Amperes, Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 420P7W)	279.69	35.85
26 05 19 16-0794	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P4W)	395.27	40.09
26 05 19 16-0795	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P6W)	384.77	40.09
26 05 19 16-0796	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 330P7W)	429.86	40.09
26 05 19 16-0797	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P12W)	421.62	44.00
26 05 19 16-0798	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P9W)	403.39	44.00
26 05 19 16-0799	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 430P7W)	415.93	44.00
26 05 19 16-0800	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P4W)	537.42	52.14
26 05 19 16-0801	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P6W)	547.42	52.14
26 05 19 16-0802	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 360P7W)	523.71	52.14
26 05 19 16-0803	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P12W)	596.63	58.00
26 05 19 16-0804	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P9W)	581.07	58.00
26 05 19 16-0805	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 460P7W)	587.80	58.00
26 05 19 16-0806	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P6W)	738.49	65.18
26 05 19 16-0807	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 3100P7W)	777.11	65.18
26 05 19 16-0808	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P12W)	756.39	71.70
26 05 19 16-0809	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P9W)	743.20	71.70
26 05 19 16-0810	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Plug (Hubbell 4100P7W)	750.33	71.70
26 05 19 16-0811		Watertight Pin And Sleeve Connector <small>(26 05 19 16-0762)</small>		
26 05 19 16-0812	EA	20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C4W)	274.25	32.59
26 05 19 16-0813	EA	20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C6W)	276.18	32.59
26 05 19 16-0814	EA	20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 320C7W)	326.23	32.59
26 05 19 16-0815	EA	20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C12W)	323.20	35.85
26 05 19 16-0816	EA	20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C9W)	318.12	35.85
26 05 19 16-0817	EA	20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 420C7W)	322.72	35.85
26 05 19 16-0818	EA	30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C4W)	404.88	40.09
26 05 19 16-0819	EA	30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C6W)	404.78	40.09
26 05 19 16-0820	EA	30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 330C7W)	422.04	40.09
26 05 19 16-0821	EA	30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C12W)	416.94	44.00
26 05 19 16-0822	EA	30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C9W)	420.49	44.00
26 05 19 16-0823	EA	30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 430C7W)	416.74	44.00
26 05 19 16-0824	EA	60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C4W)	636.06	52.14
26 05 19 16-0825	EA	60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C6W)	614.92	52.14
26 05 19 16-0826	EA	60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 360C7W)	602.33	52.14
26 05 19 16-0827	EA	60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C12W)	655.34	58.00
26 05 19 16-0828	EA	60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C9W)	673.72	58.00
26 05 19 16-0829	EA	60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 460C7W)	675.07	58.00
26 05 19 16-0830	EA	100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C6W)	846.69	65.18
26 05 19 16-0831	EA	100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 3100C7W)	870.93	65.18
26 05 19 16-0832	EA	100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C12W)	940.93	71.70
26 05 19 16-0833	EA	100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C9W)	907.63	71.70
26 05 19 16-0834	EA	100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Connector (Hubbell 4100C7W)	918.98	71.70
26 05 19 16-0835		Accessories <small>(26 05 19 16-0751)</small>		
26 05 19 16-0836	EA	1/2" Straight Steel Cord Connector	59.12	10.87
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.52	
26 05 19 16-0837	EA	1/2" Straight Nylon Cord Connector	34.99	8.15
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 05 19 16-0838	EA	1/2" 90 Degree Steel Cord Connector	67.36	13.58
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.15	

26 Electrical**26 05 Common Work Results for Electrical****26 05 19 Low-Voltage Electrical Power Conductors and Cables**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 19 16-0839	EA	1/2"	90 Degree Nylon Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.82 6.52	10.87
26 05 19 16-0840	EA	1/2"	Straight Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.43 8.15	13.58
26 05 19 16-0841	EA	1/2"	90 Degree Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.00 9.78	16.29
26 05 19 16-0842	EA	1/2"	Straight Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.10 6.52	10.87
26 05 19 16-0843	EA	1/2"	90 Degree Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.76 8.15	13.58
26 05 19 16-0844	EA	3/4"	Straight Steel Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.75 6.52	10.87
26 05 19 16-0845	EA	3/4"	Straight Nylon Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.32 4.89	8.15
26 05 19 16-0846	EA	3/4"	90 Degree Steel Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.58 8.15	13.58
26 05 19 16-0847	EA	3/4"	90 Degree Nylon Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.93 6.52	10.87
26 05 19 16-0848	EA	3/4"	Straight Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.63 9.78	16.29
26 05 19 16-0849	EA	3/4"	90 Degree Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.86 11.41	19.01
26 05 19 16-0850	EA	3/4"	Straight Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.31 8.15	13.58
26 05 19 16-0851	EA	3/4"	90 Degree Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.58 9.78	16.29
26 05 19 16-0852	EA	1"	Straight Steel Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.64 6.52	10.87
26 05 19 16-0853	EA	1"	Straight Nylon Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.76 4.89	8.15
26 05 19 16-0854	EA	1"	90 Degree Steel Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.74 8.15	13.58
26 05 19 16-0855	EA	1"	90 Degree Nylon Cord Connector <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.51 6.52	10.87
26 05 19 16-0856	EA	1"	Straight Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.36 9.78	16.29
26 05 19 16-0857	EA	1"	90 Degree Steel Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.57 11.41	19.01
26 05 19 16-0858	EA	1"	Straight Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.31 8.15	13.58
26 05 19 16-0859	EA	1"	90 Degree Nylon Cord Connector With Strain Relief Mesh <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.20 9.78	16.29

26 05 23 Control-Voltage Electrical Power Cables (26 05)

26 05 23 00-0001			Cable For HVAC System Controls <small>(26 05 23)</small>		
26 05 23 00-0002			Low Voltage Thermostat Cable To 300 Volt <small>(26 05 23 00-0001)</small>		
			Note: For surface or conduit installation.		
26 05 23 00-0003	MLF	#20/2	Conductor, Low Volt Thermostat Cable	451.49	126.53
26 05 23 00-0004	MLF	#20/3	Conductor, Low Volt Thermostat Cable	520.63	133.28
26 05 23 00-0005	MLF	#20/4	Conductor, Low Volt Thermostat Cable	565.94	140.92
26 05 23 00-0006	MLF	#20/5	Conductor, Low Volt Thermostat Cable	689.06	146.88
26 05 23 00-0007	MLF	#20/6	Conductor, Low Volt Thermostat Cable	723.44	153.82
26 05 23 00-0008	MLF	#20/7	Conductor, Low Volt Thermostat Cable	799.39	160.21
26 05 23 00-0009	MLF	#20/8	Conductor, Low Volt Thermostat Cable	864.83	166.62
26 05 23 00-0010	MLF	#20/9	Conductor, Low Volt Thermostat Cable	942.54	173.27
26 05 23 00-0011	MLF	#20/10	Conductor, Low Volt Thermostat Cable	1,017.76	178.47
26 05 23 00-0012	MLF	#18/2	Conductor, Low Volt Thermostat Cable	495.44	126.53
26 05 23 00-0013	MLF	#18/3	Conductor, Low Volt Thermostat Cable	599.03	133.28
26 05 23 00-0014	MLF	#18/4	Conductor, Low Volt Thermostat Cable	690.33	140.92
26 05 23 00-0015	MLF	#18/5	Conductor, Low Volt Thermostat Cable	740.42	146.88
26 05 23 00-0016	MLF	#18/6	Conductor, Low Volt Thermostat Cable	826.59	153.82
26 05 23 00-0017	MLF	#18/7	Conductor, Low Volt Thermostat Cable	846.75	160.21
26 05 23 00-0018	MLF	#18/8	Conductor, Low Volt Thermostat Cable	937.11	166.62
26 05 23 00-0019	MLF	#18/9	Conductor, Low Volt Thermostat Cable	1,115.96	173.27
26 05 23 00-0020	MLF	#18/10	Conductor, Low Volt Thermostat Cable	1,231.65	178.47

26 05 26 Grounding and Bonding for Electrical Systems (26 05)

26 05 26 00-0001			Conductors, Straps And Conduit Jumpers <small>(26 05 26)</small>		
26 05 26 00-0002			Single Conductor <small>(26 05 26 00-0001)</small>		
26 05 26 00-0003			Copper Bare Stranded Conductors <small>(26 05 26 00-0002)</small>		
26 05 26 00-0004	MLF	12 AWG	Copper Bare Single Stranded Conductor	571.27	205.72
26 05 26 00-0005	MLF	10 AWG	Copper Bare Single Stranded Conductor	763.31	205.72
26 05 26 00-0006	MLF	8 AWG	Copper Bare Single Stranded Conductor	956.19	247.80
26 05 26 00-0007	MLF	6 AWG	Copper Bare Single Stranded Conductor	1,331.99	247.80
26 05 26 00-0008	MLF	4 AWG	Copper Bare Single Stranded Conductor	1,803.16	299.22
26 05 26 00-0009	MLF	2 AWG	Copper Bare Single Stranded Conductor	2,862.50	299.22
26 05 26 00-0010	MLF	1 AWG	Copper Bare Single Stranded Conductor	3,319.88	360.01
26 05 26 00-0011	MLF	1/0 AWG	Copper Bare Single Stranded Conductor	3,896.63	360.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0012 MLF 2/0 AWG Copper Bare Single Stranded Conductor.....	5,484.58	453.52
26 05 26 00-0013 MLF 3/0 AWG Copper Bare Single Stranded Conductor.....	6,773.74	453.52
26 05 26 00-0014 MLF 4/0 AWG Copper Bare Single Stranded Conductor.....	7,170.83	603.14
26 05 26 00-0015 MLF 250 MCM Copper Bare Single Stranded Conductor.....	9,234.69	603.14
26 05 26 00-0016 MLF 300 MCM Copper Bare Single Stranded Conductor.....	9,254.04	696.65
26 05 26 00-0017 MLF 350 MCM Copper Bare Single Stranded Conductor.....	12,512.86	696.65
26 05 26 00-0018 MLF 500 MCM Copper Bare Single Stranded Conductor.....	17,107.85	860.28
26 05 26 00-0019 Copper Insulated Single Stranded Conductors (26 05 26 00-0002)		
26 05 26 00-0020 MLF 12 AWG Copper Insulated Single Stranded Conductor.....	1,101.34	280.53
26 05 26 00-0021 MLF 10 AWG Copper Insulated Single Stranded Conductor.....	1,163.90	280.53
26 05 26 00-0022 MLF 8 AWG Copper Insulated Single Stranded Conductor.....	1,501.05	280.53
26 05 26 00-0023 MLF 6 AWG Copper Insulated Single Stranded Conductor.....	1,694.89	486.24
26 05 26 00-0024 MLF 4 AWG Copper Insulated Single Stranded Conductor.....	2,309.90	486.24
26 05 26 00-0025 MLF 2 AWG Copper Insulated Single Stranded Conductor.....	3,286.51	486.24
26 05 26 00-0026 MLF 1 AWG Copper Insulated Single Stranded Conductor.....	3,985.52	850.93
26 05 26 00-0027 MLF 1/0 AWG Copper Insulated Single Stranded Conductor.....	4,875.71	850.93
26 05 26 00-0028 MLF 2/0 AWG Copper Insulated Single Stranded Conductor.....	5,735.17	850.93
26 05 26 00-0029 MLF 3/0 AWG Copper Insulated Single Stranded Conductor.....	6,856.04	850.93
26 05 26 00-0030 MLF 4/0 AWG Copper Insulated Single Stranded Conductor.....	8,107.42	1,112.75
26 05 26 00-0031 MLF 250 MCM Copper Insulated Single Stranded Conductor.....	9,834.83	1,112.75
26 05 26 00-0032 MLF 300 MCM Copper Insulated Single Stranded Conductor.....	11,477.82	1,112.75
26 05 26 00-0033 MLF 350 MCM Copper Insulated Single Stranded Conductor.....	13,386.20	1,729.92
26 05 26 00-0034 MLF 500 MCM Copper Insulated Single Stranded Conductor.....	17,541.17	1,729.92
26 05 26 00-0035 Copper Bare Single Solid Conductors (26 05 26 00-0002)		
26 05 26 00-0036 MLF 12 AWG Copper Bare Single Solid Conductor.....	571.27	205.72
26 05 26 00-0037 MLF 10 AWG Copper Bare Single Solid Conductor.....	763.31	205.72
26 05 26 00-0038 MLF 8 AWG Copper Bare Single Solid Conductor.....	956.19	247.80
26 05 26 00-0039 MLF 6 AWG Copper Bare Single Solid Conductor.....	1,331.99	247.80
26 05 26 00-0040 MLF 4 AWG Copper Bare Single Solid Conductor.....	1,803.16	299.22
26 05 26 00-0041 MLF 2 AWG Copper Bare Single Solid Conductor.....	2,862.50	299.22
26 05 26 00-0042 MLF 1/0 AWG Copper Bare Single Solid Conductor.....	3,896.63	360.01
26 05 26 00-0043 MLF 4/0 AWG Copper Bare Single Solid Conductor.....	7,170.83	476.89
26 05 26 00-0044 Aluminum Bare Single Stranded Conductors (26 05 26 00-0002)		
26 05 26 00-0045 MLF 8 AWG Aluminum Bare Single Stranded Conductor.....	712.13	247.80
26 05 26 00-0046 MLF 6 AWG Aluminum Bare Single Stranded Conductor.....	793.79	247.80
26 05 26 00-0047 MLF 4 AWG Aluminum Bare Single Stranded Conductor.....	921.14	299.22
26 05 26 00-0048 MLF 2 AWG Aluminum Bare Single Stranded Conductor.....	1,185.12	299.22
26 05 26 00-0049 MLF 1 AWG Aluminum Bare Single Stranded Conductor.....	1,402.85	360.01
26 05 26 00-0050 MLF 1/0 AWG Aluminum Bare Single Stranded Conductor.....	1,607.41	360.01
26 05 26 00-0051 MLF 2/0 AWG Aluminum Bare Single Stranded Conductor.....	1,844.90	453.52
26 05 26 00-0052 MLF 3/0 AWG Aluminum Bare Single Stranded Conductor.....	2,143.64	453.52
26 05 26 00-0053 MLF 4/0 AWG Aluminum Bare Single Stranded Conductor.....	2,543.12	603.14
26 05 26 00-0054 MLF 250 MCM Aluminum Bare Single Stranded Conductor.....	2,877.47	603.14
26 05 26 00-0055 MLF 300 MCM Aluminum Bare Single Stranded Conductor.....	3,504.66	696.65
26 05 26 00-0056 MLF 350 MCM Aluminum Bare Single Stranded Conductor.....	4,032.24	696.65
26 05 26 00-0057 MLF 500 MCM Aluminum Bare Single Stranded Conductor.....	4,726.66	860.28
26 05 26 00-0058 Aluminum Bare Single Solid Conductors (26 05 26 00-0002)		
26 05 26 00-0059 MLF 8 AWG Aluminum Bare Single Solid Conductor.....	712.13	247.80
26 05 26 00-0060 MLF 6 AWG Aluminum Bare Single Solid Conductor.....	793.79	247.80
26 05 26 00-0061 MLF 4 AWG Aluminum Bare Single Solid Conductor.....	921.14	299.22
26 05 26 00-0062 MLF 2 AWG Aluminum Bare Single Solid Conductor.....	1,185.12	299.22
26 05 26 00-0063 MLF 1 AWG Aluminum Bare Single Solid Conductor.....	1,365.11	476.89
26 05 26 00-0064 MLF 1/0 AWG Aluminum Bare Single Solid Conductor.....	1,607.41	476.89
26 05 26 00-0065 MLF 2/0 AWG Aluminum Bare Single Solid Conductor.....	1,751.41	453.52
26 05 26 00-0066 MLF 3/0 AWG Aluminum Bare Single Solid Conductor.....	1,955.40	453.52
26 05 26 00-0067 MLF 4/0 AWG Aluminum Bare Single Solid Conductor.....	2,543.12	603.14
26 05 26 00-0068 MLF 250 MCM Aluminum Bare Single Solid Conductor.....	2,877.47	603.14
26 05 26 00-0069 MLF 300 MCM Aluminum Bare Single Solid Conductor.....	3,504.66	696.65
26 05 26 00-0070 MLF 350 MCM Aluminum Bare Single Solid Conductor.....	4,032.24	696.65
26 05 26 00-0071 MLF 500 MCM Aluminum Bare Single Solid Conductor.....	4,726.66	860.28
26 05 26 00-0072 Aluminum Smooth Woven Conductors (26 05 26 00-0002)		
26 05 26 00-0073 LF 10 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.67	0.75
26 05 26 00-0074 LF 16 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	2.96	0.82
26 05 26 00-0075 LF 24 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	3.53	0.94
26 05 26 00-0076 LF 26 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	3.55	0.96
26 05 26 00-0077 LF 28 Strand x 14 AWG Smooth Weave Aluminum Conductor.....	3.72	1.01
26 05 26 00-0078 Copper Flexible Braid Connector Jumper Strap (26 05 26 00-0001)		
Note: Manufactured from flat extra flexible tinned braid. Ferrules are tin plated pure electrolytic copper with 2 holes, on each end.		

26 Electrical**26 05 Common Work Results for Electrical****26 05 26 Grounding and Bonding for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 26 00-0079	EA	100 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	143.06	27.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 05 26 00-0080	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	253.78	32.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 05 26 00-0081	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 18" Length.....	329.29	32.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 05 26 00-0082	EA	225 Amperes, Copper Flexible Braid Jumper Strap, 24" Length.....	403.77	32.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 05 26 00-0083	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	343.18	35.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.44	
26 05 26 00-0084	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 18" Length.....	451.80	35.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.44	
26 05 26 00-0085	EA	400 Amperes, Copper Flexible Braid Jumper Strap, 24" Length.....	546.19	35.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.44	
26 05 26 00-0086	EA	600 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	450.69	44.81
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.89	
26 05 26 00-0087	EA	800 Amperes, Copper Flexible Braid Jumper Strap, 12" Length.....	541.77	54.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 05 26 00-0088		Bonding Jumper For Metallic Conduit <small>(26 05 26 00-0001)</small>		
26 05 26 00-0089	EA	1/2" To 1" Conductor, Bonding Jumper, Metallic Conduit.....	180.89	59.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.95	
26 05 26 00-0090	EA	1-1/4" To 2" Conductor, Bonding Jumper, Metallic Conduit.....	222.88	59.75
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.78	
26 05 26 00-0091	EA	2-1/2" To 4" Conductor, Bonding Jumper, Metallic Conduit.....	336.32	92.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49.38	
26 05 26 00-0092	EA	5" To 6" Conductor, Bonding Jumper, Metallic Conduit.....	507.61	92.34
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	60.35	
26 05 26 00-0093		Ground Rods <small>(26 05 26)</small>		
26 05 26 00-0094		Copper-Clad Ground Rods <small>(26 05 26 00-0093)</small>		
26 05 26 00-0095	EA	1/2" Diameter x 8' Long Copper-Clad Ground Rods.....	96.33	81.47
26 05 26 00-0096	EA	5/8" Diameter x 8' Long Copper-Clad Ground Rods.....	100.93	81.47
26 05 26 00-0097	EA	3/4" Diameter x 8' Long Copper-Clad Ground Rods.....	119.49	81.47
26 05 26 00-0098	EA	1/2" Diameter x 10' Long Copper-Clad Ground Rods.....	113.65	81.47
26 05 26 00-0099	EA	5/8" Diameter x 10' Long Copper-Clad Ground Rods.....	119.39	81.47
26 05 26 00-0100	EA	3/4" Diameter x 10' Long Copper-Clad Ground Rods.....	142.59	81.47
26 05 26 00-0101		Copper Grounding Shaft <small>(26 05 26 00-0093)</small>		
26 05 26 00-0102	EA	2-1/8" Diameter x 10' Long Copper Grounding Shaft.....	270.66	81.47
26 05 26 00-0103	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 10' Horizontal Copper Grounding Shaft.....	334.49	81.47
26 05 26 00-0104	EA	2-1/8" Diameter "L" Shaped; 3' Riser x 20' Horizontal Copper Grounding Shaft.....	507.39	81.47
26 05 26 00-0105		Ground Access Wells <small>(26 05 26 00-0093)</small>		
26 05 26 00-0106		Precast Ground Access Wells <small>(26 05 26 00-0105)</small>		
26 05 26 00-0107	EA	8" Diameter x 24" Deep Precast Ground Access Well.....	273.54	
		Note: With cast iron grate.		
26 05 26 00-0108	EA	10" Diameter x 24" Deep Precast Ground Access Well.....	283.09	
		Note: With cast iron grate.		
26 05 26 00-0109	EA	12" Diameter x 24" Deep Precast Ground Access Well.....	838.26	
		Note: With cast iron grate.		
26 05 26 00-0110	EA	18" Diameter x 24" Deep Precast Ground Access Well.....	847.82	
		Note: With cast iron grate.		
26 05 26 00-0111		Polyvinyl Chloride (PVC) Ground Access Well <small>(26 05 26 00-0105)</small>		
26 05 26 00-0112	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	537.71	
		Note: Schedule 40 with cast iron grated cover.		
26 05 26 00-0113	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	655.60	
		Note: Schedule 40 with cast iron grated cover.		
26 05 26 00-0114	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	1,446.69	
		Note: Schedule 40 with cast iron grated cover.		
26 05 26 00-0115	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	406.81	
		Note: Schedule 40 with flat steel cover.		
26 05 26 00-0116	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	492.80	
		Note: Schedule 40 with flat steel cover.		
26 05 26 00-0117	EA	18" Diameter x 24" Deep Polyvinyl Chloride (PVC) Belled Hub Ground Access Well.....	1,293.79	
		Note: Schedule 40 with flat steel cover.		
26 05 26 00-0118	EA	8" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	232.63	
		Note: Schedule 40 with flat steel cover.		
26 05 26 00-0119	EA	10" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	321.01	
		Note: Schedule 40 with flat steel cover.		
26 05 26 00-0120	EA	12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Ground Access Well.....	382.80	
		Note: Schedule 40 with flat steel cover.		
26 05 26 00-0121	EA	8" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	188.63	
26 05 26 00-0122	EA	10" Diameter x 24" Deep Schedule 40 Polyvinyl Chloride (PVC) Ground Access Well, Plastic Cover.....	295.71	
26 05 26 00-0123	EA	8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well.....	443.86	
		Note: Schedule 40 with flat steel cover.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0124 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with flat steel cover.	613.64	
26 05 26 00-0125 EA 8" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with plastic cover.	425.16	
26 05 26 00-0126 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Slotted Ground Access Well..... Note: Schedule 40 with plastic cover.	457.44	
26 05 26 00-0127 EA 10" Diameter x 36" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron cover, heavy duty.	823.71	
26 05 26 00-0128 EA 10" Diameter x 42" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron cover, heavy duty.	1,040.44	
26 05 26 00-0129 EA 12" Diameter x 12" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron cover, heavy duty.	456.31	
26 05 26 00-0130 EA 12" Diameter x 24" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron cover, heavy duty.	623.70	
26 05 26 00-0131 EA 12" Diameter x 30" Deep Polyvinyl Chloride (PVC) Schedule 80 Ground Access Well..... Note: With cast iron cover, heavy duty.	616.19	
26 05 26 00-0132 Polymer Concrete Ground Access Well (26 05 26 00-0105)		
26 05 26 00-0133 EA 12" x 12" x 12" Polymer Concrete Ground Access Well.....	527.64	
26 05 26 00-0134 EA 12" x 12" x 12" Heavy Duty Polymer Concrete Ground Access Well.....	579.38	
26 05 26 00-0135 EA 12" x 12" x 18" Polymer Concrete Ground Access Well.....	581.77	
26 05 26 00-0136 EA 12" x 12" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	638.72	
26 05 26 00-0137 EA 12" x 12" x 24" Polymer Concrete Ground Access Well.....	638.00	
26 05 26 00-0138 EA 12" x 12" x 24" Heavy Duty Polymer Concrete Ground Access Well.....	700.66	
26 05 26 00-0139 EA 13" x 24" x 18" Polymer Concrete Ground Access Well.....	853.29	
26 05 26 00-0140 EA 13" x 24" x 18" Heavy Duty Polymer Concrete Ground Access Well.....	938.81	
26 05 26 00-0141 High Density Polyethylene (HDPE) Ground Access Well (26 05 26 00-0105)		
26 05 26 00-0142 EA 9" Diameter x 10" Deep High Density Polyethylene (HDPE) Ground Access Well..... Note: With cover.	189.23	
26 05 26 00-0143 EA 14" Diameter x 18" Deep High Density Polyethylene (HDPE) Ground Access Well..... Note: With cover.	264.54	
26 05 26 00-0144 Clay Tile Ground Access Wells (26 05 26 00-0105)		
26 05 26 00-0145 EA 8" Diameter x 24" Deep Clay Tile Ground Access Well With Concrete Cover.....	299.63	
26 05 26 00-0146 EA 8" Diameter x 24" Deep Clay Tile Ground Access Well With Cast Iron Grated Cover.....	315.53	
26 05 26 00-0147 EA Concrete Cover For 8" Diameter x 24" Deep Clay Tile Ground Access Well.....	96.93	
26 05 26 00-0148 Ground Rod Clamps And Fittings (26 05 26)		
26 05 26 00-0149 Bronze Ground Rod Clamp (26 05 26 00-0148)		
26 05 26 00-0150 EA 1/2" Bronze Ground Rod Clamp.....	22.80	12.27
26 05 26 00-0151 EA 5/8" Bronze Ground Rod Clamp.....	23.96	12.27
26 05 26 00-0152 EA 3/4" Bronze Ground Rod Clamp.....	25.60	12.27
26 05 26 00-0153 Bronze Pipe Clamps (26 05 26 00-0148)		
26 05 26 00-0154 EA 1/2" To 1" Bronze Pipe Ground Clamps.....	30.20	20.42
26 05 26 00-0155 EA 1-1/4" To 2" Bronze Ground Clamps For Pipe.....	39.34	24.44
26 05 26 00-0156 EA 2-1/2" To 3" Bronze Ground Clamps For Pipe.....	63.35	28.57
26 05 26 00-0157 EA 2-1/2" To 4" Bronze Ground Clamps For Pipe.....	76.39	36.72
26 05 26 00-0158 EA 4" To 6" Bronze Ground Clamps For Pipe.....	118.86	53.01
26 05 26 00-0159 Grounding Fittings (26 05 26 00-0148)		
26 05 26 00-0160 Embedded Fittings (26 05 26 00-0159)		
26 05 26 00-0161 EA Ground Insert With Two 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded.....	153.71	
26 05 26 00-0162 EA Ground Insert With Four 3/8 x 16 Holes #2 To 250 MCM Cable Range, Embedded.....	164.21	
26 05 26 00-0163 EA Ground Insert With Four 3/8 x 16 Holes 250 To 500 MCM Cable Range, Embedded.....	182.84	
26 05 26 00-0164 EA #8 To 1 AWG, Copper To Aluminum, Grounding Wire Splice.....	144.91	
26 05 26 00-0165 EA 1/0 To 3/0 AWG, Copper To Aluminum, Grounding Wire Splice.....	173.59	
26 05 26 00-0166 EA 4/0 To 300 MCM, Copper To Aluminum, Grounding Wire Splice.....	203.80	
26 05 26 00-0167 EA 350 To 500 MCM, Copper To Aluminum, Grounding Wire Splice.....	230.08	
26 05 26 00-0168 Ground Rod Receptacle (26 05 26 00-0159)		
26 05 26 00-0169 EA 1/2" Ground Rod Receptacle.....	332.93	112.98
26 05 26 00-0170 EA 5/8" Ground Rod Receptacle.....	348.62	116.16
26 05 26 00-0171 EA 3/4" Ground Rod Receptacle.....	364.65	119.31
26 05 26 00-0172 Ground Kits For Circuit Breaker Panels (26 05 26 00-0159)		
26 05 26 00-0173 EA 14-8 AWG Copper Ground Kit.....	74.10	27.16
26 05 26 00-0174 EA 12-8 AWG Aluminum Ground Kit.....	79.51	27.16
26 05 26 00-0175 EA 14-4 AWG Copper Ground Kit.....	82.92	27.16
26 05 26 00-0176 EA 12-4 AWG Aluminum Ground Kit.....	97.14	27.16

26 Electrical**26 05 Common Work Results for Electrical****26 05 26 Grounding and Bonding for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0177			Insulated Grounding Bars <small>(26 05 26 00-0148)</small>		
26 05 26 00-0178	EA		1/2" x 4" x 10" Insulated Ground Bar <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	318.29 48.88	27.27
26 05 26 00-0179	EA		Insulated Ground Bar SK 9560 1/2" x 4" x 20" <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	335.35 48.88	27.27
26 05 26 00-0180			Ground Conductor Bonding <small>(26 05 26)</small>		
26 05 26 00-0181			Ground Conductor Bonding <small>(26 05 26 00-0180)</small>		
26 05 26 00-0182			Splice, Lug, Ground Rod, Rebar Or Structural Steel Cadweld <small>(26 05 26 00-0181)</small>		
26 05 26 00-0183	EA		Up To #6 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	128.05	
26 05 26 00-0184	EA		#4 To #1 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	138.91	
26 05 26 00-0185	EA		1/0 To 4/0 AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	149.77	
26 05 26 00-0186	EA		250 To 1,000 MCM AWG Cadweld Connection For Splice, Lug, Ground Rod, Rebar Or Structural Steel Note: Includes molds, materials and all necessary tools to make connections.	214.95	
26 05 26 00-0187			Tee, Wye Or Cross Cadweld <small>(26 05 26 00-0181)</small>		
26 05 26 00-0188	EA		Up To #6 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	144.35	
26 05 26 00-0189	EA		#4 To #1 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	166.06	
26 05 26 00-0190	EA		1/0 To 4/0 AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	204.09	
26 05 26 00-0191	EA		250 To 1,000 MCM AWG Cadweld Connection For Tee, Wye Or Cross Note: Includes molds, materials and all necessary tools to make connections.	247.53	
26 05 26 00-0192			Grounding Equipment <small>(26 05 26)</small>		
26 05 26 00-0193			Special Grounding Equipment <small>(26 05 26 00-0192)</small>		
26 05 26 00-0194			Ground Reels And Ground Bus <small>(26 05 26 00-0193)</small>		
26 05 26 00-0195	EA		Ground Reel With 50' Of Galvanized Steel Cable <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	771.76 6.52	
26 05 26 00-0196			Copper Bars <small>(26 05 26 00-0193)</small>		
26 05 26 00-0197	LF		1/4" x 2" Copper Bar <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.14 6.52	
26 05 26 00-0198			Phenolic Insulators <small>(26 05 26 00-0193)</small>		
26 05 26 00-0199	EA		2" x 2" x 1" Long Phenolic Insulators <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.63 6.52	
26 05 26 00-0200			Grounding Studs <small>(26 05 26 00-0193)</small>		
26 05 26 00-0201	EA		Ball Grounding Stud <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.78 9.73	
26 05 26 00-0202			Equipment Ground Bar Kits <small>(26 05 26 00-0193)</small>		
26 05 26 00-0203	EA		Switch Rating 30 Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.59 6.52	
26 05 26 00-0204	EA		Switch Rating 60 Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.44 7.17	
26 05 26 00-0205	EA		Switch Rating 100 Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.72 8.15	
26 05 26 00-0206	EA		Switch Rating 200 Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.93 9.78	
26 05 26 00-0207			Panelboard Ground Bar Kits <small>(26 05 26 00-0193)</small>		
26 05 26 00-0208	EA		Panelboard Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	133.08 8.15	8.15
26 05 26 00-0209			Circuit Breaker Ground Bar Kits <small>(26 05 26 00-0193)</small>		
26 05 26 00-0210	EA		3 Circuit, Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.16 4.89	4.89
26 05 26 00-0211	EA		4 Circuit, Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.61 4.89	4.89
26 05 26 00-0212	EA		7 Circuit, Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.53 4.89	4.89
26 05 26 00-0213	EA		12 Circuit, Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.35 5.54	5.54
26 05 26 00-0214	EA		20 Circuit, Ground Bar Kit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.89 6.19	6.20

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 26 00-0215 EA 24 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.72 6.85	6.85
26 05 26 00-0216 EA 30 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.43 7.82	7.82
26 05 26 00-0217 EA 54 Circuit, Ground Bar Kit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.52 9.13	9.12
26 05 26 00-0218 EA 24 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.16 6.85	6.85
26 05 26 00-0219 EA 30 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.33 7.82	7.82
26 05 26 00-0220 EA 54 Circuit, Ground Bar Kit With #1 To 4/0 Aluminum/Copper Lug..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	72.61 9.13	9.12

26 05 29 Hangers and Supports for Electrical Systems (26 05)

26 05 29 00-0001	Metal Framing Channel And Fittings <small>(26 05 29)</small> See CSI section 05 43 00 00-0001 for additional unistrut fittings.		
26 05 29 00-0002	Metal Framing Channel <small>(26 05 29 00-0001)</small> Note: Excludes fasteners and accessories.		
26 05 29 00-0003	14 Gauge Metal Framing Channels <small>(26 05 29 00-0002)</small>		
26 05 29 00-0004	14 Gauge, Steel Unistrut Channel <small>(26 05 29 00-0003)</small>		
26 05 29 00-0005 EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	21.50	5.96
26 05 29 00-0006 EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	26.14	5.96
26 05 29 00-0007 LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, Steel Unistrut Channel.....	12.09	2.24
26 05 29 00-0008	14 Gauge, 304 Stainless Steel Unistrut Channel <small>(26 05 29 00-0003)</small>		
26 05 29 00-0009 EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	44.23	5.96
26 05 29 00-0010 EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	49.80	5.96
26 05 29 00-0011 EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	71.59	5.96
26 05 29 00-0012 EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	82.73	5.96
26 05 29 00-0013 LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	34.81	2.25
26 05 29 00-0014 LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 14 Gauge, 304 Stainless Steel Unistrut Channel.....	40.38	2.25
26 05 29 00-0015	14 Gauge, 316 Stainless Steel Unistrut Channel <small>(26 05 29 00-0003)</small>		
26 05 29 00-0016 EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	68.27	5.96
26 05 29 00-0017 EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	119.69	5.96
26 05 29 00-0018 LF	>2' Length x 1-5/8" Wide x 13/16" High, 14 Gauge, 316 Stainless Steel Unistrut Channel.....	58.85	2.25
26 05 29 00-0019	12 Gauge Metal Framing Channels <small>(26 05 29 00-0002)</small>		
26 05 29 00-0020	12 Gauge, Steel Unistrut Channel <small>(26 05 29 00-0019)</small>		
26 05 29 00-0021 EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	23.36	5.96
26 05 29 00-0022 EA	Up To 1' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	22.73	5.96
26 05 29 00-0023 EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	22.32	5.96
26 05 29 00-0024 EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	29.85	5.96
26 05 29 00-0025 EA	>1' To 2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	28.60	5.96
26 05 29 00-0026 EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	27.78	5.96
26 05 29 00-0027 LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, Steel Unistrut Channel.....	13.95	2.24
26 05 29 00-0028 LF	>2' Length x 1-5/8" Wide x 1-3/8" High, 12 Gauge, Steel Unistrut Channel.....	13.32	2.24
26 05 29 00-0029 LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, Steel Unistrut Channel.....	12.91	2.24
26 05 29 00-0030	12 Gauge, 304 Stainless Steel Unistrut Channel <small>(26 05 29 00-0019)</small>		
26 05 29 00-0031 EA	Up To 1' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	51.64	5.96
26 05 29 00-0032 EA	Up To 1' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	61.25	5.96
26 05 29 00-0033 EA	>1' To 2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	86.42	5.96
26 05 29 00-0034 EA	>1' To 2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	105.63	5.96
26 05 29 00-0035 LF	>2' Length x 1-5/8" Wide x 13/16" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	42.23	2.24
26 05 29 00-0036 LF	>2' Length x 1-5/8" Wide x 1-5/8" High, 12 Gauge, 304 Stainless Steel Unistrut Channel.....	51.84	2.24
26 05 29 00-0037	Metal Framing Channel Fittings <small>(26 05 29 00-0001)</small>		
26 05 29 00-0038	Unistrut Channel Closure Strips And Caps <small>(26 05 29 00-0037)</small>		
26 05 29 00-0039	Steel Unistrut Channel Closure Strips And Caps <small>(26 05 29 00-0038)</small>		
26 05 29 00-0040 LF	Steel Raceway Closure Strip, Unistrut Channel Fittings.....	7.42	0.54
26 05 29 00-0041 EA	Steel End Cap, Unistrut Channel Fittings.....	13.39	5.44
26 05 29 00-0042	Stainless Steel Unistrut Channel Closure Strips And Caps <small>(26 05 29 00-0038)</small>		
26 05 29 00-0043 EA	Stainless Steel End Cap For Unistrut Channel.....	25.27	5.44
26 05 29 00-0044	Flat Splice Plate, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0045	Steel Flat Splice Plate, Unistrut Channel Fittings <small>(26 05 29 00-0044)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0046	EA		2-Hole, 3-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	7.12	
26 05 29 00-0047	EA		3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	7.08	
26 05 29 00-0048	EA		4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, Steel, Unistrut Channel Fitting.....	8.71	
26 05 29 00-0049			Stainless Steel Flat Splice Plate, Unistrut Channel Fittings (26 05 29 00-0044)		
26 05 29 00-0050	EA		2-Hole, 3-1/2" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	25.62	
26 05 29 00-0051	EA		3-Hole, 5-3/8" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	38.69	
26 05 29 00-0052	EA		4-Hole, 7-1/4" Length, In-Line, Flat Splice Plate, 304 Stainless Steel, Unistrut Channel Fitting	49.75	
26 05 29 00-0053			90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0054			Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)		
26 05 29 00-0055	EA		2-Hole, 1-7/8" x 2", 90 Degree Angle, Steel, Unistrut Channel Fitting	6.88	
26 05 29 00-0056	EA		2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, Steel, Unistrut Channel Fitting	5.68	
26 05 29 00-0057	EA		3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	10.16	
26 05 29 00-0058	EA		3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, Steel, Unistrut Channel Fitting	10.01	
26 05 29 00-0059			Stainless Steel 90 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0053)		
26 05 29 00-0060	EA		2-Hole, 1-7/8" x 2", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	14.17	
26 05 29 00-0061	EA		2-Hole, 1-7/8" x 2", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	18.01	
26 05 29 00-0062	EA		2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	15.10	
26 05 29 00-0063	EA		2-Hole, 1-5/8" x 2-1/4", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	21.93	
26 05 29 00-0064	EA		3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	19.94	
26 05 29 00-0065	EA		3-Hole, 1-5/8" x 4-1/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	37.78	
26 05 29 00-0066	EA		3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 304 Stainless Steel, Unistrut Channel Fitting	21.03	
26 05 29 00-0067	EA		3-Hole, 1-7/8" x 3-7/8", 90 Degree Angle, 316 Stainless Steel, Unistrut Channel Fitting	31.02	
26 05 29 00-0068			60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0069			Steel 60 Degree Angle, Unistrut Channel Fittings (26 05 29 00-0068)		
26 05 29 00-0070	EA		2-Hole, 1-7/8" x 3-3/8", 60 Degree Angle, Steel, Unistrut Channel Fitting	14.74	
26 05 29 00-0071			U-Connector, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0072			Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)		
26 05 29 00-0073	EA		3-Hole, 1-5/8" x 13/16", U-Connector, Steel, Unistrut Channel Fitting	4.90	
26 05 29 00-0074	EA		5-Hole, 1-5/8" x 1-5/8", U-Connector, Steel, Unistrut Channel Fitting	5.52	
26 05 29 00-0075			Stainless Steel, U-Connector, Unistrut Channel Fittings (26 05 29 00-0071)		
26 05 29 00-0076	EA		5-Hole, 1-5/8" x 1-5/8", U-Connector, 304 Stainless Steel, Unistrut Channel Fitting.....	30.79	
26 05 29 00-0077			Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0037)		
26 05 29 00-0078			Steel Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0077)		
26 05 29 00-0079	EA		3-Hole, Z-Bracket, Steel, Unistrut Channel Fitting	15.14	
26 05 29 00-0080			Stainless Steel Z-Bracket, Unistrut Channel Fittings (26 05 29 00-0077)		
26 05 29 00-0081	EA		3-Hole, Z-Bracket, 304 Stainless Steel, Unistrut Channel Fitting.....	60.99	
26 05 29 00-0082			Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0037)		
Note: Includes hex screw and nut.					
26 05 29 00-0083			Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0082)		
Note: Includes hex screw and nut.					
26 05 29 00-0084	EA		1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.02	1.64
26 05 29 00-0085	EA		3/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.05	1.64
26 05 29 00-0086	EA		1" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	5.19	1.64
26 05 29 00-0087	EA		1-1/4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	6.47	2.18
26 05 29 00-0088	EA		1-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	7.19	2.18
26 05 29 00-0089	EA		2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	7.26	2.18
26 05 29 00-0090	EA		2-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	8.87	2.72
26 05 29 00-0091	EA		3" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	9.50	2.72
26 05 29 00-0092	EA		3-1/2" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.11	2.72
26 05 29 00-0093	EA		4" Diameter, Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.33	2.72
26 05 29 00-0094			304 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel (26 05 29 00-0082)		
Note: Includes hex screw and nut.					
26 05 29 00-0095	EA		1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	10.27	1.64
26 05 29 00-0096	EA		3/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	11.73	1.64
26 05 29 00-0097	EA		1" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	13.18	1.64

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0098 EA 1-1/4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	16.19	2.18
26 05 29 00-0099 EA 1-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	20.24	2.18
26 05 29 00-0100 EA 2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	21.30	2.18
26 05 29 00-0101 EA 2-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	25.43	2.72
26 05 29 00-0102 EA 3" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	29.03	2.72
26 05 29 00-0103 EA 3-1/2" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	30.58	2.72
26 05 29 00-0104 EA 4" Diameter, 304 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	36.29	2.72
26 05 29 00-0105 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0082)</small>		
<small>Note: Includes hex screw and nut.</small>		
26 05 29 00-0106 EA 1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	11.16	1.64
26 05 29 00-0107 EA 3/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	13.22	1.64
26 05 29 00-0108 EA 1" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	13.80	1.64
26 05 29 00-0109 EA 1-1/4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	16.47	2.18
26 05 29 00-0110 EA 1-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	23.56	2.18
26 05 29 00-0111 EA 2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	23.91	2.18
26 05 29 00-0112 EA 2-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	28.16	2.72
26 05 29 00-0113 EA 3" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	29.99	2.72
26 05 29 00-0114 EA 3-1/2" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel	43.04	2.72
26 05 29 00-0115 EA 4" Diameter, 316 Stainless Steel, Standard Pipe And Rigid Conduit Clamp For Unistrut Channel.....	51.01	2.72
26 05 29 00-0116 Beam Clamps, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0117 Steel Beam Clamps, Unistrut Channel Fittings <small>(26 05 29 00-0116)</small>		
26 05 29 00-0118 EA Set Screw Beam Clamp, Steel Unistrut Channel Fitting	38.34	9.93
26 05 29 00-0119 EA "C" Beam Clamp Use With 1/2" Rod, Steel Unistrut Channel Fittings	24.10	9.93
26 05 29 00-0120 EA "U" Bolt Beam Clamp, Steel Unistrut Channel Fitting	36.90	9.93
26 05 29 00-0121 304 Stainless Steel Beam Clamps, Unistrut Channel Fittings <small>(26 05 29 00-0116)</small>		
26 05 29 00-0122 EA "U" Bolt Beam Clamp, 304 Stainless Steel Unistrut Channel Fitting.....	62.97	9.93
26 05 29 00-0123 Square Washers For Unistrut Channel <small>(26 05 29 00-0037)</small>		
26 05 29 00-0124 Steel Square Washers For Unistrut Channel <small>(26 05 29 00-0123)</small>		
26 05 29 00-0125 EA 1/2" Bolt Size, Steel, Square Washer For Unistrut Channel	4.97	
26 05 29 00-0126 Stainless Steel Square Washers For Unistrut Channel <small>(26 05 29 00-0123)</small>		
26 05 29 00-0127 EA 1/2" Bolt Size, 304 Stainless Steel, Square Washer For Unistrut Channel.....	6.65	
26 05 29 00-0128 EA 1/2" Bolt Size, 316 Stainless Steel, Square Washer For Unistrut Channel.....	8.63	
26 05 29 00-0129 Strut Braces, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0130 EA 16" Diagonal Steel Bar Brace For Unistrut Channel	42.42	
26 05 29 00-0131 Trolley Hangers, Unistrut Channel Fittings <small>(26 05 29 00-0037)</small>		
26 05 29 00-0132 EA Steel Trolley Track Hanger For Unistrut Channel	52.48	
26 05 29 00-0133 Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0037)</small>		
<small>Note: Includes hex bolt.</small>		
26 05 29 00-0134 Steel Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0133)</small>		
<small>Note: Includes hex bolt.</small>		
26 05 29 00-0135 EA 1/4-20, Steel Lock Nut With Spring For Unistrut Channel.....	7.89	
26 05 29 00-0136 EA 3/8-16, Steel Lock Nut With Spring For Unistrut Channel.....	8.76	
26 05 29 00-0137 EA 1/2-13, Steel Lock Nut With Spring For Unistrut Channel.....	9.42	
26 05 29 00-0138 EA 5/8-11, Steel Lock Nut With Spring For Unistrut Channel.....	12.94	
26 05 29 00-0139 Stainless Steel Lock Nuts With Spring For Unistrut Channel <small>(26 05 29 00-0133)</small>		
<small>Note: Includes hex bolt.</small>		
26 05 29 00-0140 EA 1/4-20, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	19.16	
26 05 29 00-0141 EA 3/8-16, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	20.51	
26 05 29 00-0142 EA 1/2-13, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	29.84	
26 05 29 00-0143 EA 5/8-11, 316 Stainless Steel Lock Nut With Spring For Unistrut Channel	52.42	
26 05 29 00-0144 Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0037)</small>		
<small>Note: Includes hex bolt.</small>		
26 05 29 00-0145 Steel Lock Nuts Without Spring For Unistrut Channel <small>(26 05 29 00-0144)</small>		
<small>Note: Includes hex bolt.</small>		
26 05 29 00-0146 EA 1/4-20, Steel Lock Nut Without Spring For Unistrut Channel.....	7.92	
26 05 29 00-0147 EA 3/8-16, Steel Lock Nut Without Spring For Unistrut Channel.....	8.88	
26 05 29 00-0148 EA 1/2-13, Steel Lock Nut Without Spring For Unistrut Channel.....	9.47	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 29 00-0149	EA	5/8-11, Steel Lock Nut Without Spring For Unistrut Channel	13.95	
26 05 29 00-0150		Stainless Steel Lock Nuts Without Spring For Unistrut Channel (26 05 29 00-0144)		
		Note: Includes hex bolt.		
26 05 29 00-0151	EA	1/4-20, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	13.18	
26 05 29 00-0152	EA	3/8-16, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	16.29	
26 05 29 00-0153	EA	1/2-13, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	17.93	
26 05 29 00-0154	EA	5/8-11, 316 Stainless Steel Lock Nut Without Spring For Unistrut Channel.....	51.01	
26 05 29 00-0155		Mounting Assemblies (26 05 29)		
26 05 29 00-0156		Galvanized Steel Mounting Assemblies (26 05 29 00-0155)		
26 05 29 00-0157		Galvanized Steel Back Plate (26 05 29 00-0156)		
26 05 29 00-0158	EA	1/4" x 4' x 4', Galvanized Steel Back Plate, Painted	538.87	65.18
26 05 29 00-0159	EA	3/8" x 14" x 16", Galvanized Steel Back Plate, Painted	130.51	21.72
26 05 29 00-0160	EA	3/16" x 30" x 48", Galvanized Steel Back Plate, Painted	330.80	54.31
26 05 29 00-0161		Aluminum Mounting Assemblies (26 05 29 00-0155)		
26 05 29 00-0162		Aluminum Back Plate (26 05 29 00-0161)		
26 05 29 00-0163	EA	3/16" x 2' x 2' Aluminum Back Plate.....	432.10	81.47
26 05 29 00-0164	EA	3/16" x 4' x 4' Aluminum Back Plate.....	1,262.32	81.47
26 05 29 00-0165		Supports (26 05 29)		
26 05 29 00-0166		One Hole Steel Conduit Straps (26 05 29 00-0165)		
26 05 29 00-0167	EA	1/2", One Hole Steel Conduit Strap	4.00	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.10	
		For >50 To 100, Deduct	-0.19	
		For >250 To 500, Deduct	-0.74	
		For >100 To 250, Deduct	-0.37	
26 05 29 00-0168	EA	3/4", One Hole Steel Conduit Strap	4.05	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.10	
		For >50 To 100, Deduct	-0.19	
		For >250 To 500, Deduct	-0.74	
		For >100 To 250, Deduct	-0.38	
26 05 29 00-0169	EA	1", One Hole Steel Conduit Strap	4.29	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.13	
		For >50 To 100, Deduct	-0.19	
		For >250 To 500, Deduct	-0.76	
		For >100 To 250, Deduct	-0.39	
26 05 29 00-0170	EA	1-1/4", One Hole Steel Conduit Strap	4.47	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.14	
		For >50 To 100, Deduct	-0.20	
		For >250 To 500, Deduct	-0.77	
		For >100 To 250, Deduct	-0.40	
26 05 29 00-0171	EA	1-1/2", One Hole Steel Conduit Strap	4.59	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.16	
		For >50 To 100, Deduct	-0.20	
		For >250 To 500, Deduct	-0.78	
		For >100 To 250, Deduct	-0.40	
26 05 29 00-0172	EA	2", One Hole Steel Conduit Strap	5.33	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.23	
		For >50 To 100, Deduct	-0.22	
		For >250 To 500, Deduct	-0.83	
		For >100 To 250, Deduct	-0.44	
26 05 29 00-0173	EA	2-1/2", One Hole Steel Conduit Strap	6.09	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.31	
		For >50 To 100, Deduct	-0.24	
		For >250 To 500, Deduct	-0.89	
		For >100 To 250, Deduct	-0.48	
26 05 29 00-0174	EA	3", One Hole Steel Conduit Strap	6.34	
		For Work In Restricted Working Space, Add	1.04	
		For Installation On Concrete (Includes Drilling And Fastener), Add	0.97	
		For >500, Deduct	-1.33	
		For >50 To 100, Deduct	-0.25	
		For >250 To 500, Deduct	-0.91	
		For >100 To 250, Deduct	-0.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0175 EA 3-1/2", One Hole Steel Conduit Strap .....7.59		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.46	
<i>For >50 To 100, Deduct</i>	-0.28	
<i>For >250 To 500, Deduct</i>	-1.00	
<i>For >100 To 250, Deduct</i>	-0.55	
26 05 29 00-0176 EA 4", One Hole Steel Conduit Strap .....8.58		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.55	
<i>For >50 To 100, Deduct</i>	-0.30	
<i>For >250 To 500, Deduct</i>	-1.08	
<i>For >100 To 250, Deduct</i>	-0.60	
26 05 29 00-0177 One Hole Iron Conduit Straps (26 05 29 00-0165) .....4.12		
26 05 29 00-0178 EA 1/2", One Hole Iron Conduit Strap .....4.12		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.11	
<i>For >50 To 100, Deduct</i>	-0.19	
<i>For >250 To 500, Deduct</i>	-0.74	
<i>For >100 To 250, Deduct</i>	-0.38	
26 05 29 00-0179 EA 3/4", One Hole Iron Conduit Strap .....4.24		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.12	
<i>For >50 To 100, Deduct</i>	-0.19	
<i>For >250 To 500, Deduct</i>	-0.75	
<i>For >100 To 250, Deduct</i>	-0.39	
26 05 29 00-0180 EA 1", One Hole Iron Conduit Strap .....4.45		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.14	
<i>For >50 To 100, Deduct</i>	-0.20	
<i>For >250 To 500, Deduct</i>	-0.77	
<i>For >100 To 250, Deduct</i>	-0.40	
26 05 29 00-0181 EA 1-1/4", One Hole Iron Conduit Strap .....4.97		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.19	
<i>For >50 To 100, Deduct</i>	-0.21	
<i>For >250 To 500, Deduct</i>	-0.81	
<i>For >100 To 250, Deduct</i>	-0.42	
26 05 29 00-0182 EA 1-1/2", One Hole Iron Conduit Strap .....5.18		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.21	
<i>For >50 To 100, Deduct</i>	-0.22	
<i>For >250 To 500, Deduct</i>	-0.82	
<i>For >100 To 250, Deduct</i>	-0.43	
26 05 29 00-0183 EA 2", One Hole Iron Conduit Strap .....6.49		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.35	
<i>For >50 To 100, Deduct</i>	-0.25	
<i>For >250 To 500, Deduct</i>	-0.92	
<i>For >100 To 250, Deduct</i>	-0.50	
26 05 29 00-0184 EA 2-1/2", One Hole Iron Conduit Strap .....9.30		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.63	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >250 To 500, Deduct</i>	-1.13	
<i>For >100 To 250, Deduct</i>	-0.64	
26 05 29 00-0185 EA 3", One Hole Iron Conduit Strap .....11.65		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-1.86	
<i>For >50 To 100, Deduct</i>	-0.38	
<i>For >250 To 500, Deduct</i>	-1.31	
<i>For >100 To 250, Deduct</i>	-0.76	
26 05 29 00-0186 EA 3-1/2", One Hole Iron Conduit Strap .....15.08		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-2.20	
<i>For >50 To 100, Deduct</i>	-0.46	
<i>For >250 To 500, Deduct</i>	-1.57	
<i>For >100 To 250, Deduct</i>	-0.93	
26 05 29 00-0187 EA 4", One Hole Iron Conduit Strap .....28.83		
<i>For Work In Restricted Working Space, Add</i>	1.04	
<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
<i>For >500, Deduct</i>	-3.58	
<i>For >50 To 100, Deduct</i>	-0.81	
<i>For >250 To 500, Deduct</i>	-2.60	
<i>For >100 To 250, Deduct</i>	-1.62	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0188	EA	5"	One Hole Iron Conduit Strap .....36.22		
			<i>For Work In Restricted Working Space, Add</i>	1.04	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
			<i>For >500, Deduct</i>	-4.32	
			<i>For >50 To 100, Deduct</i>	-0.99	
			<i>For >250 To 500, Deduct</i>	-3.15	
			<i>For >100 To 250, Deduct</i>	-1.99	
26 05 29 00-0189			Two Hole Steel Conduit Straps (26 05 29 00-0165) .....4.66		
26 05 29 00-0190	EA	1/2"	Two Hole Steel Conduit Strap .....4.66		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.25	
			<i>For >50 To 100, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.84	
			<i>For >100 To 250, Deduct</i>	-0.43	
26 05 29 00-0191	EA	3/4"	Two Hole Steel Conduit Strap .....4.74		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.26	
			<i>For >50 To 100, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.84	
			<i>For >100 To 250, Deduct</i>	-0.43	
26 05 29 00-0192	EA	1"	Two Hole Steel Conduit Strap .....4.78		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.26	
			<i>For >50 To 100, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.85	
			<i>For >100 To 250, Deduct</i>	-0.43	
26 05 29 00-0193	EA	1-1/4"	Two Hole Steel Conduit Strap .....4.84		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.27	
			<i>For >50 To 100, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.85	
			<i>For >100 To 250, Deduct</i>	-0.44	
26 05 29 00-0194	EA	1-1/2"	Two Hole Steel Conduit Strap .....4.88		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.27	
			<i>For >50 To 100, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.85	
			<i>For >100 To 250, Deduct</i>	-0.44	
26 05 29 00-0195	EA	2"	Two Hole Steel Conduit Strap .....4.98		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.28	
			<i>For >50 To 100, Deduct</i>	-0.22	
			<i>For >250 To 500, Deduct</i>	-0.86	
			<i>For >100 To 250, Deduct</i>	-0.44	
26 05 29 00-0196	EA	2-1/2"	Two Hole Steel Conduit Strap .....5.55		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.34	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >250 To 500, Deduct</i>	-0.91	
			<i>For >100 To 250, Deduct</i>	-0.47	
26 05 29 00-0197	EA	3"	Two Hole Steel Conduit Strap .....5.67		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.35	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >250 To 500, Deduct</i>	-0.91	
			<i>For >100 To 250, Deduct</i>	-0.48	
26 05 29 00-0198	EA	3-1/2"	Two Hole Steel Conduit Strap .....6.11		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.39	
			<i>For >50 To 100, Deduct</i>	-0.25	
			<i>For >250 To 500, Deduct</i>	-0.95	
			<i>For >100 To 250, Deduct</i>	-0.50	
26 05 29 00-0199	EA	4"	Two Hole Steel Conduit Strap .....6.42		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.42	
			<i>For >50 To 100, Deduct</i>	-0.26	
			<i>For >250 To 500, Deduct</i>	-0.97	
			<i>For >100 To 250, Deduct</i>	-0.52	
26 05 29 00-0200	EA	5"	Two Hole Steel Conduit Strap .....6.82		
			<i>For Work In Restricted Working Space, Add</i>	1.17	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.18	
			<i>For >500, Deduct</i>	-1.46	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >250 To 500, Deduct</i>	-1.00	
			<i>For >100 To 250, Deduct</i>	-0.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0201 Clamp Back Spacers <small>(26 05 29 00-0165)</small>		
26 05 29 00-0202 EA 1/2" Conduit, Clamp Back Spacer	3.85	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-0.93	
For >50 To 100, Deduct	-0.16	
For >250 To 500, Deduct	-0.63	
For >100 To 250, Deduct	-0.33	
26 05 29 00-0203 EA 3/4" Conduit, Clamp Back Spacer	4.23	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-0.97	
For >50 To 100, Deduct	-0.17	
For >250 To 500, Deduct	-0.66	
For >100 To 250, Deduct	-0.35	
26 05 29 00-0204 EA 1" Conduit, Clamp Back Spacer	4.58	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-1.00	
For >50 To 100, Deduct	-0.18	
For >250 To 500, Deduct	-0.68	
For >100 To 250, Deduct	-0.37	
26 05 29 00-0205 EA 1-1/4" Conduit, Clamp Back Spacer	5.97	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-1.14	
For >50 To 100, Deduct	-0.22	
For >250 To 500, Deduct	-0.79	
For >100 To 250, Deduct	-0.43	
26 05 29 00-0206 EA 1-1/2" Conduit, Clamp Back Spacer	7.08	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-1.25	
For >50 To 100, Deduct	-0.25	
For >250 To 500, Deduct	-0.87	
For >100 To 250, Deduct	-0.49	
26 05 29 00-0207 EA 2" Conduit, Clamp Back Spacer	8.25	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-1.37	
For >50 To 100, Deduct	-0.27	
For >250 To 500, Deduct	-0.96	
For >100 To 250, Deduct	-0.55	
26 05 29 00-0208 EA 2-1/2" Conduit, Clamp Back Spacer	13.01	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-1.85	
For >50 To 100, Deduct	-0.39	
For >250 To 500, Deduct	-1.32	
For >100 To 250, Deduct	-0.79	
26 05 29 00-0209 EA 3" Conduit, Clamp Back Spacer	18.70	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-2.41	
For >50 To 100, Deduct	-0.54	
For >250 To 500, Deduct	-1.74	
For >100 To 250, Deduct	-1.07	
26 05 29 00-0210 EA 3-1/2" Conduit, Clamp Back Spacer	24.22	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-2.97	
For >50 To 100, Deduct	-0.67	
For >250 To 500, Deduct	-2.16	
For >100 To 250, Deduct	-1.35	
26 05 29 00-0211 EA 4" Conduit, Clamp Back Spacer	50.13	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-5.56	
For >50 To 100, Deduct	-1.32	
For >250 To 500, Deduct	-4.10	
For >100 To 250, Deduct	-2.64	
26 05 29 00-0212 EA 5" Conduit, Clamp Back Spacer	93.88	
For Work In Restricted Working Space, Add	0.82	
For Installation On Concrete (Includes Drilling And Fastener), Add	0.78	
For >500, Deduct	-9.93	
For >50 To 100, Deduct	-2.42	
For >250 To 500, Deduct	-7.38	
For >100 To 250, Deduct	-4.83	

26 05 29 00-0213 **Conduit Clips** (26 05 29 00-0165)
 Note: Push in or clip.

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0214	EA		1/2" Conduit Clip	4.62	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
			<i>For >500, Deduct</i>	-1.16	
			<i>For >50 To 100, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.78	
			<i>For >100 To 250, Deduct</i>	-0.41	
26 05 29 00-0215	EA		3/4" Conduit Clip	4.62	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
			<i>For >500, Deduct</i>	-1.16	
			<i>For >50 To 100, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.78	
			<i>For >100 To 250, Deduct</i>	-0.41	
26 05 29 00-0216	EA		1" Conduit Clip	4.53	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
			<i>For >500, Deduct</i>	-1.15	
			<i>For >50 To 100, Deduct</i>	-0.20	
			<i>For >250 To 500, Deduct</i>	-0.77	
			<i>For >100 To 250, Deduct</i>	-0.40	
26 05 29 00-0217	EA		1-1/4" Conduit Clip	4.75	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.97	
			<i>For >500, Deduct</i>	-1.17	
			<i>For >50 To 100, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.79	
			<i>For >100 To 250, Deduct</i>	-0.41	
26 05 29 00-0218			Bolt And Nut Conduit Clips <small>(26 05 29 00-0165)</small>		
26 05 29 00-0219	EA		3/4" Bolt And Nut Conduit Clip (Minerallac 1B)	5.72	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.19	
			<i>For >500, Deduct</i>	-1.44	
			<i>For >50 To 100, Deduct</i>	-0.25	
			<i>For >250 To 500, Deduct</i>	-0.97	
			<i>For >100 To 250, Deduct</i>	-0.50	
26 05 29 00-0220	EA		1" Bolt And Nut Conduit Clip (Minerallac 2B)	5.94	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.19	
			<i>For >500, Deduct</i>	-1.46	
			<i>For >50 To 100, Deduct</i>	-0.26	
			<i>For >250 To 500, Deduct</i>	-0.99	
			<i>For >100 To 250, Deduct</i>	-0.51	
26 05 29 00-0221	EA		1-1/4" Bolt And Nut Conduit Clip (Minerallac 2-1/2B)	6.34	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.26	
			<i>For >500, Deduct</i>	-1.56	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >250 To 500, Deduct</i>	-1.05	
			<i>For >100 To 250, Deduct</i>	-0.55	
26 05 29 00-0222	EA		1-1/2" Bolt And Nut Conduit Clip (Minerallac 3B)	6.47	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.26	
			<i>For >500, Deduct</i>	-1.57	
			<i>For >50 To 100, Deduct</i>	-0.28	
			<i>For >250 To 500, Deduct</i>	-1.06	
			<i>For >100 To 250, Deduct</i>	-0.55	
26 05 29 00-0223	EA		2" Bolt And Nut Conduit Clip (Minerallac 5B)	7.31	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.26	
			<i>For >500, Deduct</i>	-1.66	
			<i>For >50 To 100, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-1.13	
			<i>For >100 To 250, Deduct</i>	-0.60	
26 05 29 00-0224	EA		2-1/2" Bolt And Nut Conduit Clip (Minerallac 6B)	7.94	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.32	
			<i>For >500, Deduct</i>	-1.77	
			<i>For >50 To 100, Deduct</i>	-0.32	
			<i>For >250 To 500, Deduct</i>	-1.21	
			<i>For >100 To 250, Deduct</i>	-0.64	
26 05 29 00-0225	EA		3" Bolt And Nut Conduit Clip (Minerallac 7B)	8.68	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.32	
			<i>For >500, Deduct</i>	-1.85	
			<i>For >50 To 100, Deduct</i>	-0.34	
			<i>For >250 To 500, Deduct</i>	-1.26	
			<i>For >100 To 250, Deduct</i>	-0.68	
26 05 29 00-0226	EA		4" Bolt And Nut Conduit Clip (Minerallac 9B)	16.26	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.46	
			<i>For >500, Deduct</i>	-2.71	
			<i>For >50 To 100, Deduct</i>	-0.54	
			<i>For >250 To 500, Deduct</i>	-1.90	
			<i>For >100 To 250, Deduct</i>	-1.08	
26 05 29 00-0227			Conduit Hanger From Flange, Wire Or Rod <small>(26 05 29 00-0165)</small>		
			Note: Bat wing.		
26 05 29 00-0228	EA		1/2", Conduit Hanger From Flange, Wire Or Rod	3.32	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	0.75	
			<i>For >500, Deduct</i>	-0.85	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >250 To 500, Deduct</i>	-0.58	
			<i>For >100 To 250, Deduct</i>	-0.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0229 EA 3/4", Conduit Hanger From Flange, Wire Or Rod 3.38 <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i> 0.75 <i>For >500, Deduct</i> -0.86 <i>For >50 To 100, Deduct</i> -0.15 <i>For >250 To 500, Deduct</i> -0.58 <i>For >100 To 250, Deduct</i> -0.30		
26 05 29 00-0230 EA 1", Conduit Hanger From Flange, Wire Or Rod 3.55 <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i> 0.75 <i>For >500, Deduct</i> -0.88 <i>For >50 To 100, Deduct</i> -0.15 <i>For >250 To 500, Deduct</i> -0.59 <i>For >100 To 250, Deduct</i> -0.31		
26 05 29 00-0231 EA 1-1/4", Conduit Hanger From Flange, Wire Or Rod 3.97 <i>For Installation On Concrete (Includes Drilling And Fastener), Add</i> 0.75 <i>For >500, Deduct</i> -0.92 <i>For >50 To 100, Deduct</i> -0.16 <i>For >250 To 500, Deduct</i> -0.62 <i>For >100 To 250, Deduct</i> -0.33		
26 05 29 00-0232 Beam Flange Clamps <small>(26 05 29 00-0165)</small>		
<i>Note: For threaded rod, nut not required.</i>		
26 05 29 00-0233 EA 1/8" To 1/4" Flange Thickness, Beam Clamp (Caddy 6TA24) 5.08 <i>For >500, Deduct</i> -1.05 <i>For >50 To 100, Deduct</i> -0.20 <i>For >250 To 500, Deduct</i> -0.72 <i>For >100 To 250, Deduct</i> -0.39		
26 05 29 00-0234 EA 5/16" To 1/2" Flange Thickness, Beam Clamp (Caddy 6TA58) 4.97 <i>For >500, Deduct</i> -1.04 <i>For >50 To 100, Deduct</i> -0.19 <i>For >250 To 500, Deduct</i> -0.71 <i>For >100 To 250, Deduct</i> -0.38		
26 05 29 00-0235 EA 9/16" To 3/4" Flange Thickness, Beam Clamp (Caddy 6TA912) 5.62 <i>For >500, Deduct</i> -1.11 <i>For >50 To 100, Deduct</i> -0.21 <i>For >250 To 500, Deduct</i> -0.76 <i>For >100 To 250, Deduct</i> -0.42		
26 05 29 00-0236 T-Bar Support Clips <small>(26 05 29 00-0165)</small>		
26 05 29 00-0237 EA 9/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS95) 8.29 <i>For >500, Deduct</i> -1.92 <i>For >50 To 100, Deduct</i> -0.34 <i>For >250 To 500, Deduct</i> -1.30 <i>For >100 To 250, Deduct</i> -0.69		
26 05 29 00-0238 EA 15/16" Grid Size, Independent T-Bar Support Clip (Caddy IDS) 7.79 <i>For >500, Deduct</i> -1.87 <i>For >50 To 100, Deduct</i> -0.33 <i>For >250 To 500, Deduct</i> -1.26 <i>For >100 To 250, Deduct</i> -0.66		
26 05 29 00-0239 EA 15/16 Grid Size, Twist On T-Bar Support Clip (Caddy 4G16) 3.10 <i>For >500, Deduct</i> -0.58 <i>For >50 To 100, Deduct</i> -0.11 <i>For >250 To 500, Deduct</i> -0.40 <i>For >100 To 250, Deduct</i> -0.22		
26 05 29 00-0240 EA 24" Long Snap On T-Bar Electrical Box Hanger (Caddy 512) 27.42 <i>For >500, Deduct</i> -3.18 <i>For >50 To 100, Deduct</i> -0.74 <i>For >250 To 500, Deduct</i> -2.33 <i>For >100 To 250, Deduct</i> -1.48		
26 05 29 00-0241 Switch And Outlet Box Type Supports <small>(26 05 29 00-0165)</small>		
26 05 29 00-0242 EA 1/4" To 3/4" Drywall Thickness, Adjustable Switch And Outlet Box Support (Caddy MFS) 6.49 <i>For >500, Deduct</i> -1.09 <i>For >50 To 100, Deduct</i> -0.22 <i>For >250 To 500, Deduct</i> -0.76 <i>For >100 To 250, Deduct</i> -0.43		
26 05 29 00-0243 EA 1/2" Drywall Thickness, Riveted Switch And Outlet Box Support (Caddy MF500) 5.43 <i>For >500, Deduct</i> -0.98 <i>For >50 To 100, Deduct</i> -0.19 <i>For >250 To 500, Deduct</i> -0.68 <i>For >100 To 250, Deduct</i> -0.38		
26 05 29 00-0244 EA Flush, Riveted Switch And Outlet Box Support (Caddy MFO) 6.34 <i>For >500, Deduct</i> -1.07 <i>For >50 To 100, Deduct</i> -0.21 <i>For >250 To 500, Deduct</i> -0.75 <i>For >100 To 250, Deduct</i> -0.43		
26 05 29 00-0245 EA Snap On, Switch And Outlet Box Support (Caddy MSF) 3.91 <i>For >500, Deduct</i> -0.83 <i>For >50 To 100, Deduct</i> -0.15 <i>For >250 To 500, Deduct</i> -0.57 <i>For >100 To 250, Deduct</i> -0.30		

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0246	EA		1/4-20 Thread Impression, Switch And Outlet Box Support (Caddy MFI).....	4.11	
			<i>For >500, Deduct</i>	-0.85	
			<i>For >50 To 100, Deduct</i>	-0.16	
			<i>For >250 To 500, Deduct</i>	-0.58	
			<i>For >100 To 250, Deduct</i>	-0.31	
26 05 29 00-0247			Lighting Fixture Hanger <small>(26 05 29 00-0165)</small>		
			Note: For existing or owner furnished fixtures.		
26 05 29 00-0248	EA		Lay-In/Troffer, Straight Lip Type Fixture Support Clip (Caddy 515).....	5.37	
			<i>For >500, Deduct</i>	-1.41	
			<i>For >50 To 100, Deduct</i>	-0.24	
			<i>For >250 To 500, Deduct</i>	-0.95	
			<i>For >100 To 250, Deduct</i>	-0.49	
26 05 29 00-0249	PR		Support Bars For Recessed "High Hat" Light Fixtures (Caddy 517).....	21.13	
			<i>For >500, Deduct</i>	-2.98	
			<i>For >50 To 100, Deduct</i>	-0.64	
			<i>For >250 To 500, Deduct</i>	-2.13	
			<i>For >100 To 250, Deduct</i>	-1.27	
26 05 29 00-0250	PR		Support Bars For Recessed "Lightolier" Light Fixtures (Caddy 520).....	29.40	
			<i>For >500, Deduct</i>	-3.81	
			<i>For >50 To 100, Deduct</i>	-0.84	
			<i>For >250 To 500, Deduct</i>	-2.75	
			<i>For >100 To 250, Deduct</i>	-1.69	
26 05 29 00-0251			Rigid Steel Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0165)</small>		
26 05 29 00-0252	EA		1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.02	
			<i>For >500, Deduct</i>	-1.15	
			<i>For Work In Restricted Working Space, Add</i>	0.98	
			<i>For >50 To 100, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.78	
			<i>For >100 To 250, Deduct</i>	-0.41	
26 05 29 00-0253	EA		3/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.05	
			<i>For >500, Deduct</i>	-1.16	
			<i>For Work In Restricted Working Space, Add</i>	0.98	
			<i>For >50 To 100, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.79	
			<i>For >100 To 250, Deduct</i>	-0.42	
26 05 29 00-0254	EA		1" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	5.19	
			<i>For >500, Deduct</i>	-1.17	
			<i>For Work In Restricted Working Space, Add</i>	0.98	
			<i>For >50 To 100, Deduct</i>	-0.21	
			<i>For >250 To 500, Deduct</i>	-0.80	
			<i>For >100 To 250, Deduct</i>	-0.42	
26 05 29 00-0255	EA		1-1/4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	6.46	
			<i>For >500, Deduct</i>	-1.51	
			<i>For Work In Restricted Working Space, Add</i>	1.30	
			<i>For >50 To 100, Deduct</i>	-0.27	
			<i>For >250 To 500, Deduct</i>	-1.03	
			<i>For >100 To 250, Deduct</i>	-0.54	
26 05 29 00-0256	EA		1-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	7.18	
			<i>For >500, Deduct</i>	-1.59	
			<i>For Work In Restricted Working Space, Add</i>	1.30	
			<i>For >50 To 100, Deduct</i>	-0.29	
			<i>For >250 To 500, Deduct</i>	-1.08	
			<i>For >100 To 250, Deduct</i>	-0.58	
26 05 29 00-0257	EA		2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	7.25	
			<i>For >500, Deduct</i>	-1.59	
			<i>For Work In Restricted Working Space, Add</i>	1.30	
			<i>For >50 To 100, Deduct</i>	-0.29	
			<i>For >250 To 500, Deduct</i>	-1.09	
			<i>For >100 To 250, Deduct</i>	-0.58	
26 05 29 00-0258	EA		2-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	8.86	
			<i>For >500, Deduct</i>	-1.97	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
			<i>For >50 To 100, Deduct</i>	-0.36	
			<i>For >250 To 500, Deduct</i>	-1.34	
			<i>For >100 To 250, Deduct</i>	-0.71	
26 05 29 00-0259	EA		3" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	9.49	
			<i>For >500, Deduct</i>	-2.04	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
			<i>For >50 To 100, Deduct</i>	-0.37	
			<i>For >250 To 500, Deduct</i>	-1.39	
			<i>For >100 To 250, Deduct</i>	-0.75	
26 05 29 00-0260	EA		3-1/2" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	10.10	
			<i>For >500, Deduct</i>	-2.10	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
			<i>For >50 To 100, Deduct</i>	-0.39	
			<i>For >250 To 500, Deduct</i>	-1.44	
			<i>For >100 To 250, Deduct</i>	-0.78	
26 05 29 00-0261	EA		4" Diameter, Rigid Steel Conduit Clamp For Unistrut Channel.....	10.32	
			<i>For >500, Deduct</i>	-2.12	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
			<i>For >50 To 100, Deduct</i>	-0.39	
			<i>For >250 To 500, Deduct</i>	-1.45	
			<i>For >100 To 250, Deduct</i>	-0.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0262 Electrical Metallic Tubing (EMT) Conduit Clamps For Unistrut Channel <small>(26 05 29 00-0165)</small>		
26 05 29 00-0263 EA 1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.49	
<i>For >500, Deduct</i>	-1.20	
<i>For Work In Restricted Working Space, Add</i>	0.98	
<i>For >50 To 100, Deduct</i>	-0.22	
<i>For >250 To 500, Deduct</i>	-0.82	
<i>For >100 To 250, Deduct</i>	-0.44	
26 05 29 00-0264 EA 3/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.43	
<i>For >500, Deduct</i>	-1.20	
<i>For Work In Restricted Working Space, Add</i>	0.98	
<i>For >50 To 100, Deduct</i>	-0.22	
<i>For >250 To 500, Deduct</i>	-0.81	
<i>For >100 To 250, Deduct</i>	-0.43	
26 05 29 00-0265 EA 1" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	5.36	
<i>For >500, Deduct</i>	-1.19	
<i>For Work In Restricted Working Space, Add</i>	0.98	
<i>For >50 To 100, Deduct</i>	-0.22	
<i>For >250 To 500, Deduct</i>	-0.81	
<i>For >100 To 250, Deduct</i>	-0.43	
26 05 29 00-0266 EA 1-1/4" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	7.03	
<i>For >500, Deduct</i>	-1.57	
<i>For Work In Restricted Working Space, Add</i>	1.30	
<i>For >50 To 100, Deduct</i>	-0.28	
<i>For >250 To 500, Deduct</i>	-1.07	
<i>For >100 To 250, Deduct</i>	-0.57	
26 05 29 00-0267 EA 1-1/2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	8.28	
<i>For >500, Deduct</i>	-1.70	
<i>For Work In Restricted Working Space, Add</i>	1.30	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >250 To 500, Deduct</i>	-1.16	
<i>For >100 To 250, Deduct</i>	-0.63	
26 05 29 00-0268 EA 2" Diameter, Electrical Metallic Tubing (EMT) Conduit Clamp For Unistrut Channel.....	8.35	
<i>For >500, Deduct</i>	-1.70	
<i>For Work In Restricted Working Space, Add</i>	1.30	
<i>For >50 To 100, Deduct</i>	-0.32	
<i>For >250 To 500, Deduct</i>	-1.17	
<i>For >100 To 250, Deduct</i>	-0.63	
26 05 29 00-0269 "J" Type Conduit Hangers <small>(26 05 29 00-0165)</small>		
26 05 29 00-0270 EA 1/2", "J" Type Conduit Hanger (Unistrut J1205).....	24.98	
<i>For >500, Deduct</i>	-4.02	
<i>For Work In Restricted Working Space, Add</i>	2.28	
<i>For >50 To 100, Deduct</i>	-0.81	
<i>For >250 To 500, Deduct</i>	-2.82	
<i>For >100 To 250, Deduct</i>	-1.63	
26 05 29 00-0271 EA 3/4", "J" Type Conduit Hanger (Unistrut J1207).....	25.29	
<i>For >500, Deduct</i>	-4.05	
<i>For Work In Restricted Working Space, Add</i>	2.28	
<i>For >50 To 100, Deduct</i>	-0.82	
<i>For >250 To 500, Deduct</i>	-2.85	
<i>For >100 To 250, Deduct</i>	-1.65	
26 05 29 00-0272 EA 1", "J" Type Conduit Hanger (Unistrut J1210).....	26.65	
<i>For >500, Deduct</i>	-4.40	
<i>For Work In Restricted Working Space, Add</i>	2.61	
<i>For >50 To 100, Deduct</i>	-0.88	
<i>For >250 To 500, Deduct</i>	-3.09	
<i>For >100 To 250, Deduct</i>	-1.77	
26 05 29 00-0273 EA 1-1/4", "J" Type Conduit Hanger (Unistrut J1212)	26.97	
<i>For >500, Deduct</i>	-4.44	
<i>For Work In Restricted Working Space, Add</i>	2.61	
<i>For >50 To 100, Deduct</i>	-0.89	
<i>For >250 To 500, Deduct</i>	-3.11	
<i>For >100 To 250, Deduct</i>	-1.78	
26 05 29 00-0274 EA 1-1/2", "J" Type Conduit Hanger (Unistrut J1215)	28.27	
<i>For >500, Deduct</i>	-4.78	
<i>For Work In Restricted Working Space, Add</i>	2.93	
<i>For >50 To 100, Deduct</i>	-0.95	
<i>For >250 To 500, Deduct</i>	-3.34	
<i>For >100 To 250, Deduct</i>	-1.90	
26 05 29 00-0275 EA 2", "J" Type Conduit Hanger (Unistrut J1220).....	29.51	
<i>For >500, Deduct</i>	-4.91	
<i>For Work In Restricted Working Space, Add</i>	2.93	
<i>For >50 To 100, Deduct</i>	-0.98	
<i>For >250 To 500, Deduct</i>	-3.43	
<i>For >100 To 250, Deduct</i>	-1.96	
26 05 29 00-0276 EA 2-1/2", "J" Type Conduit Hanger (Unistrut J1225)	48.24	
<i>For >500, Deduct</i>	-7.00	
<i>For Work In Restricted Working Space, Add</i>	3.26	
<i>For >50 To 100, Deduct</i>	-1.48	
<i>For >250 To 500, Deduct</i>	-4.98	
<i>For >100 To 250, Deduct</i>	-2.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0277	EA		3", "J" Type Conduit Hanger (Unistrut J1230).....	51.18	
			<i>For >500, Deduct</i>	-7.51	
			<i>For Work In Restricted Working Space, Add</i>	3.59	
			<i>For >50 To 100, Deduct</i>	-1.58	
			<i>For >250 To 500, Deduct</i>	-5.33	
			<i>For >100 To 250, Deduct</i>	-3.16	
26 05 29 00-0278	EA		3-1/2", "J" Type Conduit Hanger (Unistrut J1235).....	55.06	
			<i>For >500, Deduct</i>	-8.11	
			<i>For Work In Restricted Working Space, Add</i>	3.91	
			<i>For >50 To 100, Deduct</i>	-1.70	
			<i>For >250 To 500, Deduct</i>	-5.76	
			<i>For >100 To 250, Deduct</i>	-3.40	
26 05 29 00-0279	EA		4", "J" Type Conduit Hanger (Unistrut J1240).....	74.18	
			<i>For >500, Deduct</i>	-10.02	
			<i>For Work In Restricted Working Space, Add</i>	3.91	
			<i>For >50 To 100, Deduct</i>	-2.18	
			<i>For >250 To 500, Deduct</i>	-7.19	
			<i>For >100 To 250, Deduct</i>	-4.36	
26 05 29 00-0280	EA		5", "J" Type Conduit Hanger (Unistrut J1250).....	81.56	
			<i>For >500, Deduct</i>	-10.98	
			<i>For Work In Restricted Working Space, Add</i>	4.24	
			<i>For >50 To 100, Deduct</i>	-2.39	
			<i>For >250 To 500, Deduct</i>	-7.88	
			<i>For >100 To 250, Deduct</i>	-4.78	
26 05 29 00-0281	EA		6", "J" Type Conduit Hanger (Unistrut J1260).....	115.79	
			<i>For >500, Deduct</i>	-14.84	
			<i>For Work In Restricted Working Space, Add</i>	4.89	
			<i>For >50 To 100, Deduct</i>	-3.30	
			<i>For >250 To 500, Deduct</i>	-10.72	
			<i>For >100 To 250, Deduct</i>	-6.60	
26 05 29 00-0282			Between Studs Box Brackets <small>(26 05 29 00-0165)</small>		
26 05 29 00-0283	EA		16" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB16A)	8.89	
			<i>For >500, Deduct</i>	-1.54	
			<i>For Work In Restricted Working Space, Add</i>	0.98	
			<i>For >50 To 100, Deduct</i>	-0.30	
			<i>For >250 To 500, Deduct</i>	-1.07	
			<i>For >100 To 250, Deduct</i>	-0.61	
26 05 29 00-0284	EA		24" Stud Spacing, 1-1/2" Or 2-1/8" Box Depth, Screw Gun Between Studs Box Bracket (Caddy SGB24A)	10.84	
			<i>For >500, Deduct</i>	-1.74	
			<i>For Work In Restricted Working Space, Add</i>	0.98	
			<i>For >50 To 100, Deduct</i>	-0.35	
			<i>For >250 To 500, Deduct</i>	-1.22	
			<i>For >100 To 250, Deduct</i>	-0.71	
26 05 29 00-0285			Hangers And Brackets <small>(26 05 29 00-0165)</small>		
26 05 29 00-0286	EA		Rod Hangers Only With 1/4" Thread Impression (Caddy 4TI)	2.92	
			<i>For >500, Deduct</i>	-0.73	
			<i>For >50 To 100, Deduct</i>	-0.13	
			<i>For >250 To 500, Deduct</i>	-0.49	
			<i>For >100 To 250, Deduct</i>	-0.26	
26 05 29 00-0287	EA		Angle Bracket Only With 1/4" Hole (Caddy AB).....	2.81	
			<i>For >500, Deduct</i>	-0.72	
			<i>For >50 To 100, Deduct</i>	-0.12	
			<i>For >250 To 500, Deduct</i>	-0.48	
			<i>For >100 To 250, Deduct</i>	-0.25	
26 05 29 00-0288	EA		Offset Bracket Only With 1/4" Hole (Caddy AO).....	2.81	
			<i>For >500, Deduct</i>	-0.72	
			<i>For >50 To 100, Deduct</i>	-0.12	
			<i>For >250 To 500, Deduct</i>	-0.48	
			<i>For >100 To 250, Deduct</i>	-0.25	
26 05 29 00-0289	EA		Angle Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIB).....	3.98	
			<i>For >500, Deduct</i>	-0.83	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >250 To 500, Deduct</i>	-0.57	
			<i>For >100 To 250, Deduct</i>	-0.31	
26 05 29 00-0290	EA		Angle Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIB).....	4.00	
			<i>For >500, Deduct</i>	-0.84	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >250 To 500, Deduct</i>	-0.57	
			<i>For >100 To 250, Deduct</i>	-0.31	
26 05 29 00-0291	EA		Angle Bracket Mount, 1/4" Or 3/8" Threaded Rod Hanger With Nut (Caddy 6TB).....	3.87	
			<i>For >500, Deduct</i>	-0.82	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >250 To 500, Deduct</i>	-0.56	
			<i>For >100 To 250, Deduct</i>	-0.30	
26 05 29 00-0292	EA		Offset Bracket Mount, 1/4" Threaded Rod Hanger With Thread Impression (Caddy 4TIO).....	3.98	
			<i>For >500, Deduct</i>	-0.83	
			<i>For >50 To 100, Deduct</i>	-0.15	
			<i>For >250 To 500, Deduct</i>	-0.57	
			<i>For >100 To 250, Deduct</i>	-0.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0293 EA Offset Bracket Mount, 3/8" Threaded Rod Hanger With Thread Impression (Caddy 6TIO).....	4.00	
<i>For >500, Deduct</i>	-0.84	
<i>For >50 To 100, Deduct</i>	-0.15	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >100 To 250, Deduct</i>	-0.31	
26 05 29 00-0294 Clips And Accessories <small>(26 05 29 00-0165)</small>		
26 05 29 00-0295 EA 1/2" Diameter Center, Bridle Ring (Caddy 2BR).....	2.00	
<i>For >500, Deduct</i>	-0.47	
<i>For >50 To 100, Deduct</i>	-0.08	
<i>For >250 To 500, Deduct</i>	-0.32	
<i>For >100 To 250, Deduct</i>	-0.17	
26 05 29 00-0296 EA 3/4" Diameter Center, Bridle Ring (Caddy 2BR12).....	2.04	
<i>For >500, Deduct</i>	-0.47	
<i>For >50 To 100, Deduct</i>	-0.08	
<i>For >250 To 500, Deduct</i>	-0.32	
<i>For >100 To 250, Deduct</i>	-0.17	
26 05 29 00-0297 EA 1-1/4" Diameter Center, Bridle Ring (Caddy 2BR20).....	2.22	
<i>For >500, Deduct</i>	-0.49	
<i>For >50 To 100, Deduct</i>	-0.09	
<i>For >250 To 500, Deduct</i>	-0.34	
<i>For >100 To 250, Deduct</i>	-0.18	
26 05 29 00-0298 EA 2" Diameter Center, Bridle Ring (Caddy 2BR32).....	2.58	
<i>For >500, Deduct</i>	-0.53	
<i>For >50 To 100, Deduct</i>	-0.10	
<i>For >250 To 500, Deduct</i>	-0.36	
<i>For >100 To 250, Deduct</i>	-0.20	
26 05 29 00-0299 Wire Ties <small>(26 05 29 00-0165)</small>		
Note: Per hundred (C).		
26 05 29 00-0300 C 3" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	28.27	
<i>For Up To 0.1, Add</i>	22.68	
<i>For >0.1 To 0.25, Add</i>	11.34	
<i>For >0.25 To 0.75, Add</i>	5.67	
<i>For >2.0, Deduct</i>	-2.27	
<i>For UV Black, Add</i>	0.84	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.80	
26 05 29 00-0301 C 4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	28.49	
<i>For Up To 0.1, Add</i>	22.68	
<i>For >0.1 To 0.25, Add</i>	11.34	
<i>For >0.25 To 0.75, Add</i>	5.67	
<i>For >2.0, Deduct</i>	-2.27	
<i>For UV Black, Add</i>	0.87	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.80	
26 05 29 00-0302 C 4-3/4" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	28.64	
<i>For Up To 0.1, Add</i>	22.68	
<i>For >0.1 To 0.25, Add</i>	11.34	
<i>For >0.25 To 0.75, Add</i>	5.67	
<i>For >2.0, Deduct</i>	-2.27	
<i>For UV Black, Add</i>	0.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.80	
26 05 29 00-0303 C 5-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	28.70	
<i>For Up To 0.1, Add</i>	22.68	
<i>For >0.1 To 0.25, Add</i>	11.34	
<i>For >0.25 To 0.75, Add</i>	5.67	
<i>For >2.0, Deduct</i>	-2.27	
<i>For UV Black, Add</i>	0.90	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.80	
26 05 29 00-0304 C 6-1/2" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	29.75	
<i>For Up To 0.1, Add</i>	23.66	
<i>For >0.1 To 0.25, Add</i>	11.83	
<i>For >0.25 To 0.75, Add</i>	5.92	
<i>For >2.0, Deduct</i>	-2.37	
<i>For UV Black, Add</i>	0.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.10	
26 05 29 00-0305 C 8" Length, 18 LB Tensile Strength, Nylon Cable Ties.....	35.55	
<i>For Up To 0.1, Add</i>	24.74	
<i>For >0.1 To 0.25, Add</i>	12.37	
<i>For >0.25 To 0.75, Add</i>	6.19	
<i>For >2.0, Deduct</i>	-2.47	
<i>For UV Black, Add</i>	1.62	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.42	
26 05 29 00-0306 C 4-3/4" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	34.27	
<i>For Up To 0.1, Add</i>	22.68	
<i>For >0.1 To 0.25, Add</i>	11.34	
<i>For >0.25 To 0.75, Add</i>	5.67	
<i>For >2.0, Deduct</i>	-2.27	
<i>For UV Black, Add</i>	1.74	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.80	
26 05 29 00-0307 C 6" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	35.34	
<i>For Up To 0.1, Add</i>	23.66	
<i>For >0.1 To 0.25, Add</i>	11.83	
<i>For >0.25 To 0.75, Add</i>	5.92	
<i>For >2.0, Deduct</i>	-2.37	
<i>For UV Black, Add</i>	1.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.10	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0308	C		8" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	36.48	
			For Up To 0.1, Add	24.74	
			For >0.1 To 0.25, Add	12.37	
			For >0.25 To 0.75, Add	6.19	
			For >2.0, Deduct	-2.47	
			For UV Black, Add	1.76	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.42	
26 05 29 00-0309	C		10" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	53.75	
			For Up To 0.1, Add	26.67	
			For >0.1 To 0.25, Add	13.34	
			For >0.25 To 0.75, Add	6.67	
			For >2.0, Deduct	-2.67	
			For UV Black, Add	4.06	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.00	
26 05 29 00-0310	C		11-1/2" Length, 40 LB Tensile Strength, Nylon Cable Ties.....	56.20	
			For Up To 0.1, Add	26.67	
			For >0.1 To 0.25, Add	13.34	
			For >0.25 To 0.75, Add	6.67	
			For >2.0, Deduct	-2.67	
			For UV Black, Add	4.43	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.00	
26 05 29 00-0311	C		7" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	38.19	
			For Up To 0.1, Add	24.74	
			For >0.1 To 0.25, Add	12.37	
			For >0.25 To 0.75, Add	6.19	
			For >2.0, Deduct	-2.47	
			For UV Black, Add	2.02	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.42	
26 05 29 00-0312	C		8" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	36.03	
			For Up To 0.1, Add	24.74	
			For >0.1 To 0.25, Add	12.37	
			For >0.25 To 0.75, Add	6.19	
			For >2.0, Deduct	-2.47	
			For UV Black, Add	1.69	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.42	
26 05 29 00-0313	C		11" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	54.42	
			For Up To 0.1, Add	26.67	
			For >0.1 To 0.25, Add	13.34	
			For >0.25 To 0.75, Add	6.67	
			For >2.0, Deduct	-2.67	
			For UV Black, Add	4.16	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.00	
26 05 29 00-0314	C		14-1/2" Length, 50 LB Tensile Strength, Nylon Cable Ties.....	62.46	
			For Up To 0.1, Add	28.34	
			For >0.1 To 0.25, Add	14.17	
			For >0.25 To 0.75, Add	7.09	
			For >2.0, Deduct	-2.83	
			For UV Black, Add	5.12	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.50	
26 05 29 00-0315	C		8" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	61.35	
			For Up To 0.1, Add	24.74	
			For >0.1 To 0.25, Add	12.37	
			For >0.25 To 0.75, Add	6.19	
			For >2.0, Deduct	-2.47	
			For UV Black, Add	5.49	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.42	
26 05 29 00-0316	C		11" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	67.20	
			For Up To 0.1, Add	26.67	
			For >0.1 To 0.25, Add	13.34	
			For >0.25 To 0.75, Add	6.67	
			For >2.0, Deduct	-2.67	
			For UV Black, Add	6.08	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.00	
26 05 29 00-0317	C		15" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	81.65	
			For Up To 0.1, Add	28.34	
			For >0.1 To 0.25, Add	14.17	
			For >0.25 To 0.75, Add	7.09	
			For >2.0, Deduct	-2.83	
			For UV Black, Add	8.00	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.50	
26 05 29 00-0318	C		17" Length, 120 LB Tensile Strength, Nylon Cable Ties.....	117.58	
			For Up To 0.1, Add	30.23	
			For >0.1 To 0.25, Add	15.12	
			For >0.25 To 0.75, Add	7.56	
			For >2.0, Deduct	-3.02	
			For UV Black, Add	13.10	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.07	
26 05 29 00-0319	C		17-3/4" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	113.85	
			For Up To 0.1, Add	30.23	
			For >0.1 To 0.25, Add	15.12	
			For >0.25 To 0.75, Add	7.56	
			For >2.0, Deduct	-3.02	
			For UV Black, Add	12.54	
			For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0320 C 21-11/16" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	139.09	
<i>For Up To 0.1, Add</i>	31.64	
<i>For >0.1 To 0.25, Add</i>	15.82	
<i>For >0.25 To 0.75, Add</i>	7.91	
<i>For >2.0, Deduct</i>	-3.16	
<i>For UV Black, Add</i>	16.12	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.49	
26 05 29 00-0321 C 30" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	161.25	
<i>For Up To 0.1, Add</i>	33.18	
<i>For >0.1 To 0.25, Add</i>	16.59	
<i>For >0.25 To 0.75, Add</i>	8.30	
<i>For >2.0, Deduct</i>	-3.32	
<i>For UV Black, Add</i>	19.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.95	
26 05 29 00-0322 C 46" Length, 175 LB Tensile Strength, Nylon Cable Ties.....	221.88	
<i>For Up To 0.1, Add</i>	35.79	
<i>For >0.1 To 0.25, Add</i>	17.90	
<i>For >0.25 To 0.75, Add</i>	8.95	
<i>For >2.0, Deduct</i>	-3.58	
<i>For UV Black, Add</i>	27.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.74	
26 05 29 00-0323 C 3/4" x 3/4" Self Adhesive Tie Mounts.....	36.74	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.20	
26 05 29 00-0324 C 1.1" x 1.1" Tie Mounts With Screw.....	72.79	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.41	
26 05 29 00-0325 EA 6" Length x 1/2" Width, Velcro Grip Cable Tie.....	2.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.16	
26 05 29 00-0326 EA 8" Length x 1/2" Width, Velcro Grip Cable Tie.....	2.31	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.14	
26 05 29 00-0327 EA 12" Length x 1/2" Width, Velcro Grip Cable Tie.....	2.85	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.14	
26 05 29 00-0328 EA 15" Length x 3/4" Width, Velcro Grip Cable Tie.....	4.02	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	0.14	
26 05 29 00-0329 EA 180" Length x 3/4" Width, Velcro Grip Cable Tie Roll.....	104.24	
Note: Cut to length.		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.02	
26 05 29 00-0330 Fastening Devices For Wireway And Conduit <small>(26 05 29)</small>		
Note: Includes drilling of holes with power tools in concrete, brick, concrete block, wood, tile or steel and alignment of hangers and supports for bolts.		
26 05 29 00-0331 Toggle Bolts <small>(26 05 29 00-0330)</small>		
Note: Includes machine screw, toggle wing and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0332 EA 1/8" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	8.56	
<i>For >100 To 250, Deduct</i>	-1.62	
<i>For >500, Deduct</i>	-4.03	
<i>For >250 To 500, Deduct</i>	-2.83	
<i>For >50 To 100, Deduct</i>	-0.81	
26 05 29 00-0333 EA 1/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	8.79	
<i>For >100 To 250, Deduct</i>	-1.66	
<i>For >500, Deduct</i>	-4.13	
<i>For >250 To 500, Deduct</i>	-2.90	
<i>For >50 To 100, Deduct</i>	-0.83	
26 05 29 00-0334 EA 3/16" Diameter, 3" Length, Zinc Plated Steel, Toggle Bolt.....	9.32	
<i>For >100 To 250, Deduct</i>	-1.72	
<i>For >500, Deduct</i>	-4.26	
<i>For >250 To 500, Deduct</i>	-2.99	
<i>For >50 To 100, Deduct</i>	-0.86	
26 05 29 00-0335 EA 3/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.56	
<i>For >100 To 250, Deduct</i>	-1.76	
<i>For >500, Deduct</i>	-4.37	
<i>For >250 To 500, Deduct</i>	-3.06	
<i>For >50 To 100, Deduct</i>	-0.88	
26 05 29 00-0336 EA 1/4" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	9.78	
<i>For >100 To 250, Deduct</i>	-1.80	
<i>For >500, Deduct</i>	-4.47	
<i>For >250 To 500, Deduct</i>	-3.13	
<i>For >50 To 100, Deduct</i>	-0.90	
26 05 29 00-0337 EA 5/16" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	11.31	
<i>For >100 To 250, Deduct</i>	-1.91	
<i>For >500, Deduct</i>	-4.71	
<i>For >250 To 500, Deduct</i>	-3.31	
<i>For >50 To 100, Deduct</i>	-0.95	
26 05 29 00-0338 EA 3/8" Diameter, 4" Length, Zinc Plated Steel, Toggle Bolt.....	11.80	
<i>For >100 To 250, Deduct</i>	-1.96	
<i>For >500, Deduct</i>	-4.83	
<i>For >250 To 500, Deduct</i>	-3.40	
<i>For >50 To 100, Deduct</i>	-0.98	
26 05 29 00-0339 Machine Screws <small>(26 05 29 00-0330)</small>		
Note: Includes drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0340 EA #8 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.51	
<i>For >100 To 250, Deduct</i>	-0.49	
<i>For >500, Deduct</i>	-1.22	
<i>For >250 To 500, Deduct</i>	-0.85	
<i>For >50 To 100, Deduct</i>	-0.24	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0341	EA #10 Diameter, 2" Length, Zinc Plated Steel, Machine Screw.....	2.56	
	For >100 To 250, Deduct	-0.49	
	For >500, Deduct	-1.22	
	For >250 To 500, Deduct	-0.85	
	For >50 To 100, Deduct	-0.24	
26 05 29 00-0342	EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.21	
	For >100 To 250, Deduct	-0.61	
	For >500, Deduct	-1.53	
	For >250 To 500, Deduct	-1.07	
	For >50 To 100, Deduct	-0.31	
26 05 29 00-0343	EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	3.39	
	For >100 To 250, Deduct	-0.62	
	For >500, Deduct	-1.55	
	For >250 To 500, Deduct	-1.08	
	For >50 To 100, Deduct	-0.31	
26 05 29 00-0344	EA 3/8" Diameter, 2" Length, Zinc Plated Steel, Machine Screw	4.21	
	For >100 To 250, Deduct	-0.75	
	For >500, Deduct	-1.87	
	For >250 To 500, Deduct	-1.31	
	For >50 To 100, Deduct	-0.38	
26 05 29 00-0345	Hex Lag Bolts With Lag Shield Expansion Anchors <small>(26 05 29 00-0330)</small>		
	Note: Includes lag bolt, lag shield expansion anchor and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0346	EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.32	
	For >100 To 250, Deduct	-0.67	
	For >500, Deduct	-1.64	
	For >250 To 500, Deduct	-1.15	
	For >50 To 100, Deduct	-0.33	
26 05 29 00-0347	EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	4.25	
	For >100 To 250, Deduct	-0.67	
	For >500, Deduct	-1.63	
	For >250 To 500, Deduct	-1.15	
	For >50 To 100, Deduct	-0.33	
26 05 29 00-0348	EA 3/8" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	6.19	
	For >100 To 250, Deduct	-0.85	
	For >500, Deduct	-2.06	
	For >250 To 500, Deduct	-1.46	
	For >50 To 100, Deduct	-0.43	
26 05 29 00-0349	EA 1/2" Diameter, 2" Length, Zinc Plated Steel, Hex Lag Bolt With Lag Shield Expansion Anchor	7.99	
	For >100 To 250, Deduct	-1.03	
	For >500, Deduct	-2.48	
	For >250 To 500, Deduct	-1.75	
	For >50 To 100, Deduct	-0.51	
26 05 29 00-0350	Hanger Lag Bolts With Hex Nuts <small>(26 05 29 00-0330)</small>		
	Note: Includes hanger lag bolt (threaded one side), hex nut and drilling in concrete, concrete block, wood or steel.		
26 05 29 00-0351	EA 1/4" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	3.19	
	For >100 To 250, Deduct	-0.52	
	For >500, Deduct	-1.28	
	For >250 To 500, Deduct	-0.90	
	For >50 To 100, Deduct	-0.26	
26 05 29 00-0352	EA 5/16" Diameter, 2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	3.25	
	For >100 To 250, Deduct	-0.52	
	For >500, Deduct	-1.29	
	For >250 To 500, Deduct	-0.91	
	For >50 To 100, Deduct	-0.26	
26 05 29 00-0353	EA 3/8" Diameter, 2-1/2" Length, Zinc Plated Steel, Hanger Lag Bolt With Hex Nut.....	3.89	
	For >100 To 250, Deduct	-0.60	
	For >500, Deduct	-1.47	
	For >250 To 500, Deduct	-1.03	
	For >50 To 100, Deduct	-0.30	
26 05 29 00-0354	Hollow Wall Screw Anchors <small>(26 05 29 00-0330)</small>		
26 05 29 00-0355	EA 6-32 Screw Size, 5/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.87	
	For >100 To 250, Deduct	-0.31	
	For >500, Deduct	-0.76	
	For >250 To 500, Deduct	-0.54	
	For >50 To 100, Deduct	-0.15	
26 05 29 00-0356	EA 6-32 Screw Size, 5/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	1.94	
	For >100 To 250, Deduct	-0.31	
	For >500, Deduct	-0.77	
	For >250 To 500, Deduct	-0.54	
	For >50 To 100, Deduct	-0.16	
26 05 29 00-0357	EA 6-32 Screw Size, 5/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.04	
	For >100 To 250, Deduct	-0.32	
	For >500, Deduct	-0.78	
	For >250 To 500, Deduct	-0.55	
	For >50 To 100, Deduct	-0.16	
26 05 29 00-0358	EA 10-24 Screw Size, 3/8" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.63	
	For >100 To 250, Deduct	-0.38	
	For >500, Deduct	-0.94	
	For >250 To 500, Deduct	-0.66	
	For >50 To 100, Deduct	-0.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0359 EA 10-24 Screw Size, 3/8" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.78	
For >100 To 250, Deduct	-0.39	
For >500, Deduct	-0.95	
For >250 To 500, Deduct	-0.67	
For >50 To 100, Deduct	-0.20	
26 05 29 00-0360 EA 10-24 Screw Size, 3/8" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.82	
For >100 To 250, Deduct	-0.39	
For >500, Deduct	-0.95	
For >250 To 500, Deduct	-0.67	
For >50 To 100, Deduct	-0.20	
26 05 29 00-0361 EA 1/4-20 Screw Size, 7/16" Hole Diameter, 1/8" To 5/8" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	2.85	
For >100 To 250, Deduct	-0.39	
For >500, Deduct	-0.96	
For >250 To 500, Deduct	-0.68	
For >50 To 100, Deduct	-0.20	
26 05 29 00-0362 EA 1/4-20 Screw Size, 7/16" Hole Diameter, 5/8" To 1-1/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	3.07	
For >100 To 250, Deduct	-0.41	
For >500, Deduct	-0.98	
For >250 To 500, Deduct	-0.69	
For >50 To 100, Deduct	-0.20	
26 05 29 00-0363 EA 1/4-20 Screw Size, 7/16" Hole Diameter, 1-1/4" To 1-3/4" Grip Range, Zinc Plated Steel, Hollow Wall Screw Anchor.....	3.15	
For >100 To 250, Deduct	-0.41	
For >500, Deduct	-0.99	
For >250 To 500, Deduct	-0.70	
For >50 To 100, Deduct	-0.20	
26 05 29 00-0364 Lead Screw Anchors (26 05 29 00-0330)		
Note: Includes screw.		
26 05 29 00-0365 EA #6-8 Screw Size, 1/4" Hole Diameter, Lead Screw Anchor With Screw.....	4.26	
For >100 To 250, Deduct	-0.77	
For >500, Deduct	-1.91	
For >250 To 500, Deduct	-1.34	
For >50 To 100, Deduct	-0.38	
26 05 29 00-0366 EA #10-14 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw.....	5.10	
For >100 To 250, Deduct	-0.90	
For >500, Deduct	-2.22	
For >250 To 500, Deduct	-1.56	
For >50 To 100, Deduct	-0.45	
26 05 29 00-0367 EA #16-18 Screw Size, 5/16" Hole Diameter, Lead Screw Anchor With Screw.....	6.99	
For >100 To 250, Deduct	-1.17	
For >500, Deduct	-2.88	
For >250 To 500, Deduct	-2.02	
For >50 To 100, Deduct	-0.58	
26 05 29 00-0368 Acoustical T-Bar Clips (26 05 29 00-0330)		
Note: For conduit installation above suspended ceilings up to 15' height.		
26 05 29 00-0369 EA 1/2" Conduit, Push-In Acoustical T-Bar Clip.....	7.37	
For >100 To 250, Deduct	-1.06	
For >500, Deduct	-2.59	
For >250 To 500, Deduct	-1.82	
For >50 To 100, Deduct	-0.53	
26 05 29 00-0370 EA 3/4" Conduit, Push-In Acoustical T-Bar Clip.....	7.72	
For >100 To 250, Deduct	-1.12	
For >500, Deduct	-2.72	
For >250 To 500, Deduct	-1.92	
For >50 To 100, Deduct	-0.56	
26 05 29 00-0371 EA 1" Conduit, Push-In Acoustical T-Bar Clip.....	8.45	
For >100 To 250, Deduct	-1.19	
For >500, Deduct	-2.90	
For >250 To 500, Deduct	-2.04	
For >50 To 100, Deduct	-0.60	
26 05 29 00-0372 Threaded Rod, Accessories And Attachments (26 05 29)		
26 05 29 00-0373 Threaded Rod And Rod Accessories (26 05 29 00-0372)		
26 05 29 00-0374 Carbon Steel Threaded Rod (26 05 29 00-0373)		
Note: Includes plain finish.		
26 05 29 00-0375 LF 3/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	3.99	0.68
For Zinc Coated, Add	0.75	
For Galvanized, Add	1.05	
26 05 29 00-0376 LF 1/2" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	5.64	0.73
For Zinc Coated, Add	1.19	
For Galvanized, Add	1.68	
26 05 29 00-0377 LF 5/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	8.00	0.75
For Zinc Coated, Add	1.85	
For Galvanized, Add	2.60	
26 05 29 00-0378 LF 3/4" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	13.34	0.77
For Zinc Coated, Add	3.36	
For Galvanized, Add	4.72	
26 05 29 00-0379 LF 7/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod.....	14.56	0.80
For Zinc Coated, Add	3.69	
For Galvanized, Add	5.18	

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0380	LF		1" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	20.02	0.90
			<i>For Zinc Coated, Add</i>	5.19	
			<i>For Galvanized, Add</i>	7.28	
26 05 29 00-0381	LF		1-1/8" Diameter, Plain Finish Steel, Low Carbon Threaded Rod	24.96	1.00
			<i>For Zinc Coated, Add</i>	6.54	
			<i>For Galvanized, Add</i>	9.18	
26 05 29 00-0382			Threaded Rod Couplings <small>(26 05 29 00-0373)</small>		
26 05 29 00-0383	EA		3/8" Diameter, Threaded Rod Coupling Nut.....	9.06	
26 05 29 00-0384	EA		1/2" Diameter, Threaded Rod Coupling Nut.....	10.31	
26 05 29 00-0385	EA		5/8" Diameter, Threaded Rod Coupling Nut.....	13.08	
26 05 29 00-0386	EA		3/4" Diameter, Threaded Rod Coupling Nut.....	16.17	
26 05 29 00-0387	EA		7/8" Diameter, Threaded Rod Coupling Nut.....	24.42	
26 05 29 00-0388	EA		1" Diameter, Threaded Rod Coupling Nut	28.98	
26 05 29 00-0389	EA		1-1/8" Diameter, Threaded Rod Coupling Nut	57.39	
26 05 29 00-0390			Flat Washers <small>(26 05 29 00-0373)</small>		
26 05 29 00-0391	EA		3/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	0.78	0.27
			<i>For Galvanized, Add</i>	0.04	
26 05 29 00-0392	EA		1/2" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.02	0.27
			<i>For Galvanized, Add</i>	0.09	
26 05 29 00-0393	EA		5/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.37	0.27
			<i>For Galvanized, Add</i>	0.17	
26 05 29 00-0394	EA		3/4" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.70	0.54
			<i>For Galvanized, Add</i>	0.24	
26 05 29 00-0395	EA		7/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	1.93	0.54
			<i>For Galvanized, Add</i>	0.28	
26 05 29 00-0396	EA		1" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer	2.29	0.54
			<i>For Galvanized, Add</i>	0.35	
26 05 29 00-0397	EA		1-1/8" Inside Diameter, Zinc Plated Steel, Low Carbon Flat Washer.....	2.57	0.54
			<i>For Galvanized, Add</i>	0.39	
26 05 29 00-0398			Malleable Iron Eye Sockets <small>(26 05 29 00-0373)</small>		
			Note: Type 16.		
26 05 29 00-0399	EA		3/8" Rod Size, Malleable Iron Eye Socket	13.01	
26 05 29 00-0400	EA		1/2" Rod Size, Malleable Iron Eye Socket	15.73	
26 05 29 00-0401	EA		5/8" Rod Size, Malleable Iron Eye Socket	28.52	
26 05 29 00-0402	EA		3/4" Rod Size, Malleable Iron Eye Socket	41.28	
26 05 29 00-0403	EA		7/8" Rod Size, Malleable Iron Eye Socket	43.84	
26 05 29 00-0404			Hex Nuts <small>(26 05 29 00-0373)</small>		
26 05 29 00-0405	EA		3/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.75	0.27
			<i>For Galvanized, Add</i>	0.03	
26 05 29 00-0406	EA		1/2" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	0.97	0.27
			<i>For Galvanized, Add</i>	0.07	
26 05 29 00-0407	EA		5/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.37	0.27
			<i>For Galvanized, Add</i>	0.17	
26 05 29 00-0408	EA		3/4" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	1.64	0.54
			<i>For Galvanized, Add</i>	0.22	
26 05 29 00-0409	EA		7/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	2.48	0.54
			<i>For Galvanized, Add</i>	0.42	
26 05 29 00-0410	EA		1" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut	3.17	0.54
			<i>For Galvanized, Add</i>	0.57	
26 05 29 00-0411	EA		1-1/8" Diameter, Zinc Plated Steel, Low Carbon/Grade 2 Hex Nut.....	5.30	0.54
			<i>For Galvanized, Add</i>	1.08	
26 05 29 00-0412			Forged Steel Turnbuckles <small>(26 05 29 00-0373)</small>		
			Note: Type 13.		
26 05 29 00-0413	EA		3/8" Thread Diameter, Forged Steel Turnbuckle Body	31.09	
26 05 29 00-0414	EA		1/2" Thread Diameter, Forged Steel Turnbuckle Body	38.93	
26 05 29 00-0415	EA		5/8" Thread Diameter, Forged Steel Turnbuckle Body	53.15	
26 05 29 00-0416	EA		3/4" Thread Diameter, Forged Steel Turnbuckle Body	66.26	
26 05 29 00-0417	EA		7/8" Thread Diameter, Forged Steel Turnbuckle Body	170.96	
26 05 29 00-0418	EA		1" Thread Diameter, Forged Steel Turnbuckle Body	110.00	
26 05 29 00-0419	EA		1-1/4" Thread Diameter, Forged Steel Turnbuckle Body	227.65	
26 05 29 00-0420			Attachments <small>(26 05 29 00-0372)</small>		
26 05 29 00-0421			Welded Beam Attachments <small>(26 05 29 00-0420)</small>		
			Note: Type 22.		
26 05 29 00-0422	EA		3/8" Rod Size, Welded Beam Attachment	56.39	10.87
26 05 29 00-0423	EA		1/2" Rod Size, Welded Beam Attachment	60.26	11.41
26 05 29 00-0424	EA		5/8" Rod Size, Welded Beam Attachment	64.22	12.06
26 05 29 00-0425	EA		3/4" Rod Size, Welded Beam Attachment	83.62	12.82
26 05 29 00-0426	EA		7/8" Rod Size, Welded Beam Attachment	101.45	13.58
26 05 29 00-0427	EA		1" Rod Size, Welded Beam Attachment	144.46	15.54
26 05 29 00-0428	EA		1-1/8" Rod Size, Welded Beam Attachment	208.20	16.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0429	C-Clamp Style Beam Clamps <small>(26 05 29 00-0420)</small>	
	Note: Type 23. Top or bottom flange mount.	
26 05 29 00-0430 EA 3/8" Rod Size, C-Clamp Style Beam Clamp	17.85	8.17
26 05 29 00-0431 EA 1/2" Rod Size, C-Clamp Style Beam Clamp	21.85	8.71
26 05 29 00-0432 EA 5/8" Rod Size, C-Clamp Style Beam Clamp	25.09	9.33
26 05 29 00-0433 EA 3/4" Rod Size, C-Clamp Style Beam Clamp	33.30	10.04
26 05 29 00-0434 EA 7/8" Rod Size, C-Clamp Style Beam Clamp	50.31	10.89
26 05 29 00-0435	Bottom Mount I-Beam Clamps <small>(26 05 29 00-0420)</small>	
	Note: Type 21. For attaching threaded rod centered under beam flanges.	
26 05 29 00-0436 EA 3/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	55.37	10.89
26 05 29 00-0437 EA 1/2" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	83.57	11.87
26 05 29 00-0438 EA 5/8" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	121.50	13.06
26 05 29 00-0439 EA 3/4" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	146.03	14.51
26 05 29 00-0440 EA 1" Rod Size, Up To 6" Flange Width, Bottom Mount I-Beam Clamp	363.67	16.32
26 05 29 00-0441	Steel U-Bolts <small>(26 05 29 00-0420)</small>	
	Note: Type 24. Includes plate and nuts.	
26 05 29 00-0442 EA 1/2" Pipe Size, Zinc Plated Steel, U-Bolt	14.62	6.53
26 05 29 00-0443 EA 3/4" Pipe Size, Zinc Plated Steel, U-Bolt	15.97	6.87
26 05 29 00-0444 EA 1" Pipe Size, Zinc Plated Steel, U-Bolt	17.26	7.25
26 05 29 00-0445 EA 1-1/4" Pipe Size, Zinc Plated Steel, U-Bolt	19.92	7.68
26 05 29 00-0446 EA 1-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	20.46	8.17
26 05 29 00-0447 EA 2" Pipe Size, Zinc Plated Steel, U-Bolt	21.91	8.71
26 05 29 00-0448 EA 2-1/2" Pipe Size, Zinc Plated Steel, U-Bolt	33.28	9.33
26 05 29 00-0449 EA 3" Pipe Size, Zinc Plated Steel, U-Bolt	36.81	10.04
26 05 29 00-0450 EA 4" Pipe Size, Zinc Plated Steel, U-Bolt	45.14	10.89
26 05 29 00-0451	Stainless Steel Threaded Rod <small>(26 05 29 00-0372)</small>	
26 05 29 00-0452 LF 1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	4.17	0.54
For 316 Stainless Steel, Add	1.25	
26 05 29 00-0453 LF 5/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	6.49	0.60
For 316 Stainless Steel, Add	2.14	
26 05 29 00-0454 LF 3/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	8.42	0.68
For 316 Stainless Steel, Add	2.86	
26 05 29 00-0455 LF 7/16" Diameter, 304/18-8 Stainless Steel Threaded Rod	11.91	0.70
For 316 Stainless Steel, Add	4.25	
26 05 29 00-0456 LF 1/2" Diameter, 304/18-8 Stainless Steel Threaded Rod	14.38	0.73
For 316 Stainless Steel, Add	5.24	
26 05 29 00-0457 LF 5/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	21.86	0.73
For 316 Stainless Steel, Add	8.25	
26 05 29 00-0458 LF 3/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	30.84	0.75
For 316 Stainless Steel, Add	11.88	
26 05 29 00-0459 LF 7/8" Diameter, 304/18-8 Stainless Steel Threaded Rod	42.65	0.77
For 316 Stainless Steel, Add	16.65	
26 05 29 00-0460 LF 1" Diameter, 304/18-8 Stainless Steel Threaded Rod	54.88	0.90
For 316 Stainless Steel, Add	21.49	
26 05 29 00-0461 LF 1-1/4" Diameter, 304/18-8 Stainless Steel Threaded Rod	116.84	1.08
For 316 Stainless Steel, Add	46.40	
26 05 29 00-0462	Polyvinyl Chloride (PVC) Coated Supports <small>(26 05 29)</small>	
	Note: Includes stainless steel and/or Polyvinyl Chloride (PVC) coated hardware.	
26 05 29 00-0463	Polyvinyl Chloride (PVC) Coated Beam Clamps <small>(26 05 29 00-0462)</small>	
26 05 29 00-0464	Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamps <small>(26 05 29 00-0463)</small>	
26 05 29 00-0465 EA 1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	61.37	21.72
26 05 29 00-0466 EA 3/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	66.67	23.68
26 05 29 00-0467 EA 1", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	70.95	26.07
26 05 29 00-0468 EA 1-1/4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	85.66	29.00
26 05 29 00-0469 EA 1-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	99.17	32.59
26 05 29 00-0470 EA 2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	119.37	35.85
26 05 29 00-0471 EA 2-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	130.58	39.11
26 05 29 00-0472 EA 3", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	143.96	42.36
26 05 29 00-0473 EA 3-1/2", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	151.83	45.62
26 05 29 00-0474 EA 4", Right Angle, Polyvinyl Chloride (PVC) Coated Beam Clamp	164.20	48.88
26 05 29 00-0475	Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamps <small>(26 05 29 00-0463)</small>	
26 05 29 00-0476 EA 1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	66.23	21.72
26 05 29 00-0477 EA 3/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	69.97	23.68
26 05 29 00-0478 EA 1", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	80.81	26.07
26 05 29 00-0479 EA 1-1/4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	89.17	29.00
26 05 29 00-0480 EA 1-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	100.52	32.59
26 05 29 00-0481 EA 2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	117.06	35.85
26 05 29 00-0482 EA 2-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	134.97	39.11
26 05 29 00-0483 EA 3", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	149.78	42.36

26 Electrical**26 05 Common Work Results for Electrical****26 05 29 Hangers and Supports for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0484	EA		3-1/2", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	159.15	45.62
26 05 29 00-0485	EA		4", Parallel, Polyvinyl Chloride (PVC) Coated Beam Clamp	165.18	48.88
26 05 29 00-0486			Edge, Polyvinyl Chloride (PVC) Coated Beam Clamps <small>(26 05 29 00-0483)</small>		
26 05 29 00-0487	EA		1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	62.32	21.51
26 05 29 00-0488	EA		3/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	66.94	23.47
26 05 29 00-0489	EA		1", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	75.90	26.07
26 05 29 00-0490	EA		1-1/4", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	89.50	28.68
26 05 29 00-0491	EA		1-1/2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	117.74	32.59
26 05 29 00-0492	EA		2", Edge, Polyvinyl Chloride (PVC) Coated Beam Clamp	129.07	35.85
26 05 29 00-0493			Polyvinyl Chloride (PVC) Coated Conduit Straps <small>(26 05 29 00-0462)</small>		
26 05 29 00-0494			One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps <small>(26 05 29 00-0493)</small>		
26 05 29 00-0495	EA		1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	8.00	0.65
26 05 29 00-0496	EA		3/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	8.70	0.65
26 05 29 00-0497	EA		1", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	12.86	0.65
26 05 29 00-0498	EA		1-1/4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	15.66	0.65
26 05 29 00-0499	EA		1-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	20.66	0.65
26 05 29 00-0500	EA		2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	31.10	0.65
26 05 29 00-0501	EA		2-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	41.48	0.65
26 05 29 00-0502	EA		3", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	55.61	0.65
26 05 29 00-0503	EA		3-1/2", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	98.53	0.65
26 05 29 00-0504	EA		4", One Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	104.72	0.65
26 05 29 00-0505			Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Straps <small>(26 05 29 00-0493)</small>		
26 05 29 00-0506	EA		1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	15.78	1.30
26 05 29 00-0507	EA		3/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	15.85	1.30
26 05 29 00-0508	EA		1", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	16.27	1.30
26 05 29 00-0509	EA		1-1/4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	20.54	1.30
26 05 29 00-0510	EA		1-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	21.13	1.30
26 05 29 00-0511	EA		2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	24.28	1.30
26 05 29 00-0512	EA		2-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	27.34	1.30
26 05 29 00-0513	EA		3", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	28.60	1.30
26 05 29 00-0514	EA		3-1/2", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	30.57	1.30
26 05 29 00-0515	EA		4", Two Hole, Polyvinyl Chloride (PVC) Coated Steel Conduit Strap	33.18	1.30
26 05 29 00-0516			Polyvinyl Chloride (PVC) Coated Clamp Back Spacer <small>(26 05 29 00-0462)</small>		
26 05 29 00-0517			Polyvinyl Chloride (PVC) Coated Clamp Back Spacer <small>(26 05 29 00-0516)</small>		
26 05 29 00-0518	EA		1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	14.28	1.30
26 05 29 00-0519	EA		3/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	16.67	1.30
26 05 29 00-0520	EA		1" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	21.03	1.30
26 05 29 00-0521	EA		1-1/4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	24.66	1.30
26 05 29 00-0522	EA		1-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	33.11	1.30
26 05 29 00-0523	EA		2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	85.10	1.30
26 05 29 00-0524	EA		2-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	81.76	1.30
26 05 29 00-0525	EA		3" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	111.76	1.30
26 05 29 00-0526	EA		3-1/2" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	195.84	1.30
26 05 29 00-0527	EA		4" Polyvinyl Chloride (PVC) Coated Clamp Back Spacer	195.84	1.30
26 05 29 00-0528			Polyvinyl Chloride (PVC) Coated Threaded Rod And Accessories <small>(26 05 29 00-0462)</small>		
26 05 29 00-0529			Polyvinyl Chloride (PVC) Coated Threaded Rod <small>(26 05 29 00-0528)</small>		
26 05 29 00-0530	LF		3/8" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	9.86	0.87
26 05 29 00-0531	LF		1/2" Diameter, Polyvinyl Chloride (PVC) Coated Threaded Rod	12.17	0.98
26 05 29 00-0532			Attachments <small>(26 05 29 00-0462)</small>		
26 05 29 00-0533			Polyvinyl Chloride (PVC) Coated U-Bolts And Encapsulation Nuts <small>(26 05 29 00-0532)</small>		
26 05 29 00-0534	EA		1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	18.09	6.53
26 05 29 00-0535	EA		3/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	18.66	6.86
26 05 29 00-0536	EA		1" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	19.64	7.29
26 05 29 00-0537	EA		1-1/4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	20.91	7.72
26 05 29 00-0538	EA		1-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	22.28	8.17
26 05 29 00-0539	EA		2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	25.14	8.71
26 05 29 00-0540	EA		2-1/2" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	37.02	9.36
26 05 29 00-0541	EA		3" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	38.77	10.01
26 05 29 00-0542	EA		4" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	41.29	10.89
26 05 29 00-0543	EA		5" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	68.57	12.40
26 05 29 00-0544	EA		6" Polyvinyl Chloride (PVC) Coated U-Bolt And Encapsulated Nuts	85.21	14.36
26 05 29 00-0545			Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamps <small>(26 05 29 00-0532)</small>		
26 05 29 00-0546	EA		1/4", 20 Hole, 15/16" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	63.05	21.51
26 05 29 00-0547	EA		5/16", 18 Hole, 7/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp	74.61	21.51

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 29 00-0548 EA 3/8", 16 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	79.38	21.51
26 05 29 00-0549 EA 1/2", 13 Hole, 1" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	87.79	22.82
26 05 29 00-0550 EA 1/2", 13 Hole, 2-1/8" Jaw, Polyvinyl Chloride (PVC) Coated Hanger Rod Beam Clamp.....	102.93	26.07
26 05 29 00-0551 Polyvinyl Chloride (PVC) Coated Pipe Straps (26 05 29 00-0532)		
Note: Includes stainless steel nuts and bolts.		
26 05 29 00-0552 EA 1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	28.56	7.17
26 05 29 00-0553 EA 3/4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	29.68	7.82
26 05 29 00-0554 EA 1" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	32.41	8.47
26 05 29 00-0555 EA 1-1/4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	36.17	9.77
26 05 29 00-0556 EA 1-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	41.54	11.08
26 05 29 00-0557 EA 2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	46.92	11.73
26 05 29 00-0558 EA 2-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	51.76	13.03
26 05 29 00-0559 EA 3" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	63.03	14.34
26 05 29 00-0560 EA 3-1/2" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	69.76	14.99
26 05 29 00-0561 EA 4" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	72.62	16.29
26 05 29 00-0562 EA 5" Polyvinyl Chloride (PVC) Coated Pipe Strap.....	76.56	18.24
26 05 29 00-0563 Polyvinyl Chloride (PVC) Coated Channel (26 05 29 00-0462)		
26 05 29 00-0564 LF A12, Polyvinyl Chloride (PVC) Coated Channel.....	34.79	3.26
26 05 29 00-0565 LF A12A, Polyvinyl Chloride (PVC) Coated Channel.....	63.11	4.56
26 05 29 00-0566 LF A12P, Polyvinyl Chloride (PVC) Coated Channel.....	37.42	3.26
26 05 29 00-0567 LF C14, Polyvinyl Chloride (PVC) Coated Channel.....	26.71	3.26
26 05 29 00-0568 LF C14P, Polyvinyl Chloride (PVC) Coated Channel.....	28.34	3.26
26 05 29 00-0569 Right-Angle Wall Brackets (26 05 29)		
26 05 29 00-0570 EA Right Angle Wall Mount (Oberon 1029-00).....	365.15	108.83
26 05 29 00-0571 Polymer Concrete Pads (26 05 29)		
Note: Excludes excavation and backfill.		
26 05 29 00-0572 Polymer Concrete, Box Pads (26 05 29 00-0571)		
26 05 29 00-0573 EA 24" x 36", 18" Depth, Polymer Concrete, Box Pad.....	1,335.56	120.12
26 05 29 00-0574 EA 25" x 25", 24" Depth, Polymer Concrete, Box Pad.....	1,380.82	120.12
26 05 29 00-0575 EA 40" x 44", 15" Depth, Polymer Concrete, Box Pad.....	1,796.72	120.12
26 05 29 00-0576 EA 40" x 44", 24" Depth, Polymer Concrete, Box Pad.....	1,865.67	120.12
26 05 29 00-0577 EA 52" x 36", 18" Depth, Polymer Concrete, Box Pad.....	1,732.53	120.12
26 05 29 00-0578 EA 44" x 44", 32" Depth, Polymer Concrete, Box Pad.....	2,058.18	120.12
26 05 29 00-0579 EA 40" x 58", 24" Depth, Polymer Concrete, Box Pad.....	2,307.88	120.12
26 05 29 00-0580 EA 52" x 50", 18" Depth, Polymer Concrete, Box Pad.....	2,204.63	150.15
26 05 29 00-0581 EA 74" x 76", 36" Depth, Polymer Concrete, Box Pad.....	3,371.33	150.15
26 05 29 00-0582 EA 93" x 93", 36" Depth, Polymer Concrete, Box Pad.....	4,543.79	150.15
26 05 29 00-0583 Polymer Concrete, Telecommunications Equipment Pads (26 05 29 00-0571)		
26 05 29 00-0584 EA 42" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	635.22	61.60
26 05 29 00-0585 EA 48" x 46", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	758.86	61.60
26 05 29 00-0586 EA 60" x 42", 3" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	990.71	90.10
26 05 29 00-0587 EA 54" x 48", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,036.66	90.10
26 05 29 00-0588 EA 57" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,504.43	90.10
26 05 29 00-0589 EA 72" x 60", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,569.45	90.10
26 05 29 00-0590 EA 64" x 72", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,690.59	90.10
26 05 29 00-0591 EA 72" x 64", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	1,690.59	90.10
26 05 29 00-0592 EA 76" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	3,212.49	90.10
26 05 29 00-0593 EA 96" x 84", 4" Thick, Polymer Concrete, Telecommunications Equipment Pad.....	3,646.74	90.10
26 05 29 00-0594 Polymer Concrete, Electrical Equipment Pads (26 05 29 00-0571)		
26 05 29 00-0595 EA 24" x 25", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	373.36	61.60
26 05 29 00-0596 EA 24" x 36", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	405.14	61.60
26 05 29 00-0597 EA 24" x 44", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	434.10	61.60
26 05 29 00-0598 EA 24" x 58", 2" Thick, Polymer Concrete, Electrical Equipment Pad.....	530.27	61.60
26 05 29 00-0599 EA 40" x 40", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	487.35	61.60
26 05 29 00-0600 EA 42" x 42", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	507.57	61.60
26 05 29 00-0601 EA 48" x 42", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	560.00	61.60
26 05 29 00-0602 EA 48" x 46", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	590.58	61.60
26 05 29 00-0603 EA 54" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	692.73	61.60
26 05 29 00-0604 EA 56" x 44", 3" Thick, Polymer Concrete, Electrical Equipment Pad.....	860.98	61.60
26 05 29 00-0605 EA 64" x 64", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,279.08	90.10
26 05 29 00-0606 EA 66" x 72", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,340.57	90.10
26 05 29 00-0607 EA 75" x 52", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,359.97	90.10
26 05 29 00-0608 EA 90" x 48", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	1,489.24	90.10
26 05 29 00-0609 EA 84" x 96", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	3,218.32	90.10
26 05 29 00-0610 EA 96" x 80", 4" Thick, Polymer Concrete, Electrical Equipment Pad.....	3,797.48	90.10

26 05 33 Raceway and Boxes for Electrical Systems (26 05)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
26 05 33 13 Conduit for Electrical Systems (26 05 33)

26 05 33 13-0001	Conduit Assemblies With Wire <small>(26 05 33 13)</small> Note: Includes conduit, fittings and wire. Excludes hangers or supports.		
26 05 33 13-0002	Electrical Metallic Tubing (EMT) Conduit Assemblies <small>(26 05 33 13-0001)</small> Note: Includes conduit, field bends, set screw connectors, set screw couplings, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0260 for larger copper conductor, 26 05 33 13-0599 for larger EMT conduit.		
26 05 33 13-0003	CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	857.06 207.92 2.01	242.54
26 05 33 13-0004	CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	936.66 225.78 3.01	263.38
26 05 33 13-0005	CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #12 THWN Conductor Instead Of THHN, Add</i>	1,016.28 243.65 4.01	284.22
26 05 33 13-0006	CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	907.00 216.86 3.01	252.96
26 05 33 13-0007	CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,006.61 237.70 4.51	277.27
26 05 33 13-0008	CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,106.21 258.53 6.02	301.58
26 05 33 13-0009	CLF 1/2" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	1,021.26 234.72 5.25	273.80
26 05 33 13-0010	CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	966.64 224.12 2.01	261.49
26 05 33 13-0011	CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,046.25 241.98 3.01	282.33
26 05 33 13-0012	CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,125.84 259.84	303.17
26 05 33 13-0013	CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	1,205.44 277.70 5.02	324.01
26 05 33 13-0014	CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,016.56 233.05 3.01	271.91
26 05 33 13-0015	CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,116.17 253.89 4.51	296.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0016 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,215.78 274.73 6.02	320.54
26 05 33 13-0017 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	1,315.38 295.57 7.52	344.85
26 05 33 13-0018 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,272.59 277.70 7.87	324.01
26 05 33 13-0019 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #8 THWN Conductor Instead Of THHN, Add</i>	1,414.37 304.50 10.49	355.27
26 05 33 13-0020 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #6 THWN Conductor Instead Of THHN, Add</i>	1,281.24 268.78 8.67	313.59
26 05 33 13-0021 CLF 3/4" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	1,477.13 301.52 13.01	351.80
26 05 33 13-0022 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1,127.79 241.27 2.01	281.44
26 05 33 13-0023 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,207.40 259.13 3.01	302.28
26 05 33 13-0024 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,287.00 276.99	323.12
26 05 33 13-0025 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	1,366.60 294.86 5.02	343.95
26 05 33 13-0026 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,177.71 250.20 3.01	291.86
26 05 33 13-0027 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,277.32 271.04 4.51	316.17
26 05 33 13-0028 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,376.93 291.88 6.02	340.48
26 05 33 13-0029 CLF 1" Electrical Metallic Tubing (EMT) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	1,476.53 312.72 7.52	364.79

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0030	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,433.75 294.86 7.87	343.95
26 05 33	13-0031	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	1,638.29 318.67 13.01	371.74
26 05 33	13-0032	CLF	1" Electrical Metallic Tubing (EMT) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, set screw connectors, set screw couplings, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	1,834.18 351.42 17.35	409.95
26 05 33 13-0033 Rigid Galvanized Steel (RGS) Conduit Assemblies <small>(26 05 33 13-0001)</small>					
Note: Includes conduit, field bends, terminations, straps, and copper wire as indicated. Per CLF. See CSI section 26 05 19 16-0260 for larger copper conductor, 26 05 33 13-0060 for larger RGS conduit.					
26 05 33	13-0034	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1,199.45 236.62 2.01	276.08
26 05 33	13-0035	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,279.05 254.48 3.01	296.92
26 05 33	13-0036	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,249.38 245.55 3.01	286.50
26 05 33	13-0037	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,348.99 266.39 4.51	310.81
26 05 33	13-0038	CLF	1/2" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #8 THWN Conductor Instead Of THHN, Add</i>	1,363.63 263.42 5.25	307.34
26 05 33	13-0039	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #12 THWN Conductor Instead Of THHN, Add</i>	1,333.96 252.34 2.01	294.43
26 05 33	13-0040	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,413.58 270.20 3.01	315.27
26 05 33	13-0041	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,493.18 288.07	336.11
26 05 33	13-0042	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #10 THWN Conductor Instead Of THHN, Add</i>	1,383.90 261.27 3.01	304.85
26 05 33	13-0043	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,483.50 282.11 4.51	329.17
26 05 33	13-0044	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,583.11 302.95 6.02	353.48
26 05 33	13-0045	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,639.93 305.93 7.87	356.96
26 05 33	13-0046	CLF	3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #8 THWN Conductor Instead Of THHN, Add</i>	1,781.70 332.72 10.49	388.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0047 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 2 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 2 #6 THWN Conductor Instead Of THHN, Add</i>	1,648.58 297.00 8.67	346.54
26 05 33 13-0048 CLF 3/4" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	1,844.46 329.75 13.01	384.74
26 05 33 13-0049 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #12 THWN Conductor Instead Of THHN, Add</i>	1,754.10 301.37 3.01	351.60
26 05 33 13-0050 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i>	1,833.71 319.24	372.44
26 05 33 13-0051 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #12 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #12 THWN Conductor Instead Of THHN, Add</i>	1,913.30 337.10 5.02	393.27
26 05 33 13-0052 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #10 THWN Conductor Instead Of THHN, Add</i>	1,824.03 313.28 4.51	365.50
26 05 33 13-0053 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #10 THWN Conductor Instead Of THHN, Add</i>	1,923.64 334.13 6.02	389.80
26 05 33 13-0054 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 5 #10 Copper THHN And 1 #12 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 5 #10 THWN Conductor Instead Of THHN, Add</i>	2,023.24 354.96 7.52	414.11
26 05 33 13-0055 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #8 Copper THHN And 1 #10 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #8 THWN Conductor Instead Of THHN, Add</i>	1,980.45 337.10 7.87	393.27
26 05 33 13-0056 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 3 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 3 #6 THWN Conductor Instead Of THHN, Add</i>	2,185.00 360.92 13.01	421.06
26 05 33 13-0057 CLF 1" Rigid Galvanized Steel (RGS) Conduit Assembly With 4 #6 Copper THHN And 1 #8 Copper Insulated Grounding Conductor Note: Includes conduit, terminations, straps, wire as indicated. Not for use where detail is available. <i>For Work In Restricted Working Space, Add</i> <i>For 4 #6 THWN Conductor Instead Of THHN, Add</i>	2,380.89 393.67 17.35	459.27
26 05 33 13-0058 Conduit <small>(26 05 33 13)</small> Note: Where 4-1/2" conduit is required, use tasks for 5" conduit. Add couplings as required at each fitting.		
26 05 33 13-0059 Conduit Installed Above Grade <small>(26 05 33 13-0058)</small>		
26 05 33 13-0060 Rigid Galvanized Steel (RGS) Or Galvanized Rigid Steel Conduit (GRC) Conduit <small>(26 05 33 13-0059)</small> Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0061 Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <small>(26 05 33 13-0060)</small> Note: Includes field bending for conduit up to 1".		
26 05 33 13-0062 LF 1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For >500 To 1,000, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For >1,000, Deduct</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	8.84 1.64 -0.53 -0.17 0.82 -0.75 0.55 1.09 1.37 1.09 1.91 2.18 2.73 3.00 0.55 1.37	2.19

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0063	LF		3/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	10.52	2.39
			For Work In Restricted Working Space, Add	1.91	
			For >500 To 1,000, Deduct	-0.63	
			For >250 To 500, Deduct	-0.21	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.95	
			For >1,000, Deduct	-0.89	
			For Elevated Installation >10' To 15', Add	0.64	
			For Elevated Installation >15' To 20', Add	1.27	
			For Elevated Installation >20' To 25', Add	1.59	
			For Elevated Installation >25' To 30', Add	2.22	
			For Elevated Installation >30' To 35', Add	2.54	
			For Elevated Installation >35' To 40', Add	3.18	
			For Elevated Installation >40', Add	3.49	
			For Installation In Metal Stud Wall, Add	0.64	
			For Installation In Wood Stud Wall (Includes Drilling), Add	1.59	
26 05 33 13-0064	LF		1" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	14.98	2.78
			For Work In Restricted Working Space, Add	2.56	
			For >500 To 1,000, Deduct	-0.91	
			For >250 To 500, Deduct	-0.32	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.28	
			For >1,000, Deduct	-1.28	
			For Elevated Installation >10' To 15', Add	0.85	
			For Elevated Installation >15' To 20', Add	1.71	
			For Elevated Installation >20' To 25', Add	2.13	
			For Elevated Installation >25' To 30', Add	2.99	
			For Elevated Installation >30' To 35', Add	3.41	
			For Elevated Installation >35' To 40', Add	4.27	
			For Elevated Installation >40', Add	4.69	
			For Installation In Metal Stud Wall, Add	0.85	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.13	
26 05 33 13-0065	LF		1-1/4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	17.63	3.18
			For Work In Restricted Working Space, Add	2.71	
			For >500 To 1,000, Deduct	-1.10	
			For >250 To 500, Deduct	-0.43	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.35	
			For >1,000, Deduct	-1.54	
			For Elevated Installation >10' To 15', Add	0.90	
			For Elevated Installation >15' To 20', Add	1.81	
			For Elevated Installation >20' To 25', Add	2.26	
			For Elevated Installation >25' To 30', Add	3.16	
			For Elevated Installation >30' To 35', Add	3.61	
			For Elevated Installation >35' To 40', Add	4.52	
			For Elevated Installation >40', Add	4.97	
			For Installation In Metal Stud Wall, Add	0.90	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.26	
26 05 33 13-0066	LF		1-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	20.46	3.57
			For Work In Restricted Working Space, Add	2.98	
			For >500 To 1,000, Deduct	-1.29	
			For >250 To 500, Deduct	-0.53	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.49	
			For >1,000, Deduct	-1.80	
			For Elevated Installation >10' To 15', Add	0.99	
			For Elevated Installation >15' To 20', Add	1.99	
			For Elevated Installation >20' To 25', Add	2.48	
			For Elevated Installation >25' To 30', Add	3.48	
			For Elevated Installation >30' To 35', Add	3.97	
			For Elevated Installation >35' To 40', Add	4.97	
			For Elevated Installation >40', Add	5.46	
			For Installation In Metal Stud Wall, Add	0.99	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.48	
26 05 33 13-0067	LF		2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	26.29	4.36
			For Work In Restricted Working Space, Add	3.66	
			For >500 To 1,000, Deduct	-1.67	
			For >250 To 500, Deduct	-0.70	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.83	
			For >1,000, Deduct	-2.32	
			For Elevated Installation >10' To 15', Add	1.22	
			For Elevated Installation >15' To 20', Add	2.44	
			For Elevated Installation >20' To 25', Add	3.05	
			For Elevated Installation >25' To 30', Add	4.27	
			For Elevated Installation >30' To 35', Add	4.88	
			For Elevated Installation >35' To 40', Add	6.10	
			For Elevated Installation >40', Add	6.71	
			For Installation In Metal Stud Wall, Add	1.22	
			For Installation In Wood Stud Wall (Includes Drilling), Add	3.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0068 LF 2-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	39.93	5.96
For Work In Restricted Working Space, Add	4.97	
For >500 To 1,000, Deduct	-2.58	
For >250 To 500, Deduct	-1.17	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.49	
For >1,000, Deduct	-3.58	
For Elevated Installation >10' To 15', Add	1.66	
For Elevated Installation >15' To 20', Add	3.32	
For Elevated Installation >20' To 25', Add	4.15	
For Elevated Installation >25' To 30', Add	5.80	
For Elevated Installation >30' To 35', Add	6.63	
For Elevated Installation >35' To 40', Add	8.29	
For Elevated Installation >40', Add	9.12	
For Installation In Metal Stud Wall, Add	1.66	
For Installation In Wood Stud Wall (Includes Drilling), Add	4.15	
26 05 33 13-0069 LF 3" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	52.04	7.94
For Work In Restricted Working Space, Add	6.70	
For >500 To 1,000, Deduct	-3.34	
For >250 To 500, Deduct	-1.49	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.35	
For >1,000, Deduct	-4.65	
For Elevated Installation >10' To 15', Add	2.23	
For Elevated Installation >15' To 20', Add	4.47	
For Elevated Installation >20' To 25', Add	5.58	
For Elevated Installation >25' To 30', Add	7.82	
For Elevated Installation >30' To 35', Add	8.93	
For Elevated Installation >35' To 40', Add	11.17	
For Elevated Installation >40', Add	12.28	
For Installation In Metal Stud Wall, Add	2.23	
For Installation In Wood Stud Wall (Includes Drilling), Add	5.58	
26 05 33 13-0070 LF 3-1/2" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	62.75	9.93
For Work In Restricted Working Space, Add	7.95	
For >500 To 1,000, Deduct	-4.04	
For >250 To 500, Deduct	-1.81	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.98	
For >1,000, Deduct	-5.61	
For Elevated Installation >10' To 15', Add	2.65	
For Elevated Installation >15' To 20', Add	5.30	
For Elevated Installation >20' To 25', Add	6.63	
For Elevated Installation >25' To 30', Add	9.28	
For Elevated Installation >30' To 35', Add	10.60	
For Elevated Installation >35' To 40', Add	13.25	
For Elevated Installation >40', Add	14.58	
For Installation In Metal Stud Wall, Add	2.65	
For Installation In Wood Stud Wall (Includes Drilling), Add	6.63	
26 05 33 13-0071 LF 4" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	74.85	11.90
For Work In Restricted Working Space, Add	9.17	
For >500 To 1,000, Deduct	-4.85	
For >250 To 500, Deduct	-2.21	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.59	
For >1,000, Deduct	-6.72	
For Elevated Installation >10' To 15', Add	3.06	
For Elevated Installation >15' To 20', Add	6.11	
For Elevated Installation >20' To 25', Add	7.64	
For Elevated Installation >25' To 30', Add	10.70	
For Elevated Installation >30' To 35', Add	12.23	
For Elevated Installation >35' To 40', Add	15.29	
For Elevated Installation >40', Add	16.81	
For Installation In Metal Stud Wall, Add	3.06	
For Installation In Wood Stud Wall (Includes Drilling), Add	7.64	
26 05 33 13-0072 LF 5" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling	123.20	15.08
For Work In Restricted Working Space, Add	11.31	
For >500 To 1,000, Deduct	-8.30	
For >250 To 500, Deduct	-4.27	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	5.66	
For >1,000, Deduct	-11.38	
For Elevated Installation >10' To 15', Add	3.77	
For Elevated Installation >15' To 20', Add	7.54	
For Elevated Installation >20' To 25', Add	9.43	
For Elevated Installation >25' To 30', Add	13.20	
For Elevated Installation >30' To 35', Add	15.08	
For Elevated Installation >35' To 40', Add	18.86	
For Elevated Installation >40', Add	20.74	
For Installation In Metal Stud Wall, Add	3.77	
For Installation In Wood Stud Wall (Includes Drilling), Add	9.43	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0073	LF	6" Rigid Galvanized Steel (RGS) Conduit With Threaded Coupling <i>For Work In Restricted Working Space, Add</i> <i>For >500 To 1,000, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i> <i>For >1,000, Deduct</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Installation In Metal Stud Wall, Add</i> <i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	167.79	19.05
				14.29	
				-11.39	
				-6.01	
				7.15	
				-15.59	
				4.76	
				9.53	
				11.91	
				16.67	
				19.06	
				23.82	
				26.20	
				4.76	
				11.91	
26 05 33	13-0074		Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <small>(26 05 33 13-0060)</small> See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33	13-0075	EA	1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	30.14	9.83
				7.39	
				2.46	
				4.93	
				6.16	
				8.62	
				9.86	
				12.32	
				13.55	
26 05 33	13-0076	EA	3/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	37.89	12.20
				9.19	
				3.06	
				6.13	
				7.66	
				10.72	
				12.26	
				15.32	
				16.85	
26 05 33	13-0077	EA	1" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	48.52	14.98
				11.21	
				3.74	
				7.47	
				9.34	
				13.08	
				14.94	
				18.68	
				20.55	
26 05 33	13-0078	EA	1-1/4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	62.47	17.37
				13.01	
				4.34	
				8.68	
				10.85	
				15.18	
				17.35	
				21.69	
				23.86	
26 05 33	13-0079	EA	1-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	72.55	19.95
				14.94	
				4.98	
				9.96	
				12.45	
				17.43	
				19.92	
				24.90	
				27.38	
26 05 33	13-0080	EA	2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	86.06	21.93
				16.43	
				5.48	
				10.95	
				13.69	
				19.17	
				21.91	
				27.39	
				30.12	
26 05 33	13-0081	EA	2-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	124.23	27.39
				20.54	
				6.85	
				13.69	
				17.12	
				23.96	
				27.39	
				34.24	
				37.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0082 EA 3" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	176.29	37.32
For Work In Restricted Working Space, Add	27.98	
For Elevated Installation >10' To 15', Add	9.33	
For Elevated Installation >15' To 20', Add	18.65	
For Elevated Installation >20' To 25', Add	23.32	
For Elevated Installation >25' To 30', Add	32.64	
For Elevated Installation >30' To 35', Add	37.31	
For Elevated Installation >35' To 40', Add	46.64	
For Elevated Installation >40', Add	51.30	
26 05 33 13-0083 EA 3-1/2" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	235.00	42.08
For Work In Restricted Working Space, Add	31.56	
For Elevated Installation >10' To 15', Add	10.52	
For Elevated Installation >15' To 20', Add	21.04	
For Elevated Installation >20' To 25', Add	26.30	
For Elevated Installation >25' To 30', Add	36.82	
For Elevated Installation >30' To 35', Add	42.08	
For Elevated Installation >35' To 40', Add	52.61	
For Elevated Installation >40', Add	57.87	
26 05 33 13-0084 EA 4" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	286.49	54.78
For Work In Restricted Working Space, Add	41.08	
For Elevated Installation >10' To 15', Add	13.69	
For Elevated Installation >15' To 20', Add	27.38	
For Elevated Installation >20' To 25', Add	34.23	
For Elevated Installation >25' To 30', Add	47.92	
For Elevated Installation >30' To 35', Add	54.77	
For Elevated Installation >35' To 40', Add	68.46	
For Elevated Installation >40', Add	75.31	
26 05 33 13-0085 EA 5" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	468.71	89.31
For Work In Restricted Working Space, Add	66.99	
For Elevated Installation >10' To 15', Add	22.33	
For Elevated Installation >15' To 20', Add	44.66	
For Elevated Installation >20' To 25', Add	55.82	
For Elevated Installation >25' To 30', Add	78.15	
For Elevated Installation >30' To 35', Add	89.32	
For Elevated Installation >35' To 40', Add	111.65	
For Elevated Installation >40', Add	122.81	
26 05 33 13-0086 EA 6" Rigid Galvanized Steel (RGS) 90 Degree Standard Radius Elbow	704.68	134.17
For Work In Restricted Working Space, Add	100.62	
For Elevated Installation >10' To 15', Add	33.54	
For Elevated Installation >15' To 20', Add	67.08	
For Elevated Installation >20' To 25', Add	83.85	
For Elevated Installation >25' To 30', Add	117.39	
For Elevated Installation >30' To 35', Add	134.16	
For Elevated Installation >35' To 40', Add	167.70	
For Elevated Installation >40', Add	184.47	
26 05 33 13-0087 Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <small>(26 05 33 13-0060)</small>		
See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0088 EA 1/2" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	30.14	9.83
For Work In Restricted Working Space, Add	7.39	
For Elevated Installation >10' To 15', Add	2.46	
For Elevated Installation >15' To 20', Add	4.93	
For Elevated Installation >20' To 25', Add	6.16	
For Elevated Installation >25' To 30', Add	8.62	
For Elevated Installation >30' To 35', Add	9.86	
For Elevated Installation >35' To 40', Add	12.32	
For Elevated Installation >40', Add	13.55	
26 05 33 13-0089 EA 3/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	37.89	12.20
For Work In Restricted Working Space, Add	9.19	
For Elevated Installation >10' To 15', Add	3.06	
For Elevated Installation >15' To 20', Add	6.13	
For Elevated Installation >20' To 25', Add	7.66	
For Elevated Installation >25' To 30', Add	10.72	
For Elevated Installation >30' To 35', Add	12.26	
For Elevated Installation >35' To 40', Add	15.32	
For Elevated Installation >40', Add	16.85	
26 05 33 13-0090 EA 1" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	48.52	14.98
For Work In Restricted Working Space, Add	11.21	
For Elevated Installation >10' To 15', Add	3.74	
For Elevated Installation >15' To 20', Add	7.47	
For Elevated Installation >20' To 25', Add	9.34	
For Elevated Installation >25' To 30', Add	13.08	
For Elevated Installation >30' To 35', Add	14.94	
For Elevated Installation >35' To 40', Add	18.68	
For Elevated Installation >40', Add	20.55	
26 05 33 13-0091 EA 1-1/4" Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow	62.47	17.37
For Work In Restricted Working Space, Add	13.01	
For Elevated Installation >10' To 15', Add	4.34	
For Elevated Installation >15' To 20', Add	8.68	
For Elevated Installation >20' To 25', Add	10.85	
For Elevated Installation >25' To 30', Add	15.18	
For Elevated Installation >30' To 35', Add	17.35	
For Elevated Installation >35' To 40', Add	21.69	
For Elevated Installation >40', Add	23.86	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0092	EA	1-1/2"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	72.55 14.94 4.98 9.96 12.45 17.43 19.92 24.90 27.38	19.95
26 05 33 13-0093	EA	2"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	86.06 16.43 5.48 10.95 13.69 19.17 21.91 27.39 30.12	21.93
26 05 33 13-0094	EA	2-1/2"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	121.97 20.54 6.85 13.69 17.12 23.96 27.39 34.24 37.66	27.39
26 05 33 13-0095	EA	3"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	167.47 27.98 9.33 18.65 23.32 32.64 37.31 46.64 51.30	37.32
26 05 33 13-0096	EA	3-1/2"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	222.60 31.56 10.52 21.04 26.30 36.82 42.08 52.61 57.87	42.08
26 05 33 13-0097	EA	4"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	270.00 41.08 13.69 27.38 34.23 47.92 54.77 68.46 75.31	54.78
26 05 33 13-0098	EA	5"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	468.71 66.99 22.33 44.66 55.82 78.15 89.32 111.65 122.81	89.31
26 05 33 13-0099	EA	6"	Rigid Galvanized Steel (RGS) 45 Degree Standard Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	704.68 100.62 33.54 67.08 83.85 117.39 134.16 167.70 184.47	134.17
26 05 33 13-0100			Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <small>(26 05 33 13-0060)</small> See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0101	EA	1"	Rigid Galvanized Steel (RGS) 12" Large Radius Elbow <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i>	75.60 14.71 4.90 9.80 12.26 17.16 19.61 24.51 26.96	24.51

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0102 EA 1-1/4" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	87.10	28.38
<i>For Work In Restricted Working Space, Add</i>	17.03	
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	
26 05 33 13-0103 EA 1-1/2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	100.84	32.25
<i>For Work In Restricted Working Space, Add</i>	19.35	
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
26 05 33 13-0104 EA 2" Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	113.77	35.48
<i>For Work In Restricted Working Space, Add</i>	21.29	
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
26 05 33 13-0105 Rigid Galvanized Steel (RGS) 15" Large Radius Elbow <small>(26 05 33 13-0060)</small>		
See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0106 EA 1" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	82.49	24.51
<i>For Work In Restricted Working Space, Add</i>	14.71	
<i>For Elevated Installation >10' To 15', Add</i>	4.90	
<i>For Elevated Installation >15' To 20', Add</i>	9.80	
<i>For Elevated Installation >20' To 25', Add</i>	12.26	
<i>For Elevated Installation >25' To 30', Add</i>	17.16	
<i>For Elevated Installation >30' To 35', Add</i>	19.61	
<i>For Elevated Installation >35' To 40', Add</i>	24.51	
<i>For Elevated Installation >40', Add</i>	26.96	
26 05 33 13-0107 EA 1-1/4" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	95.96	28.38
<i>For Work In Restricted Working Space, Add</i>	17.03	
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	
26 05 33 13-0108 EA 1-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	104.88	32.25
<i>For Work In Restricted Working Space, Add</i>	19.35	
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
26 05 33 13-0109 EA 2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	118.28	35.48
<i>For Work In Restricted Working Space, Add</i>	21.29	
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
26 05 33 13-0110 EA 2-1/2" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	157.70	44.51
<i>For Work In Restricted Working Space, Add</i>	26.70	
<i>For Elevated Installation >10' To 15', Add</i>	8.90	
<i>For Elevated Installation >15' To 20', Add</i>	17.80	
<i>For Elevated Installation >20' To 25', Add</i>	22.25	
<i>For Elevated Installation >25' To 30', Add</i>	31.15	
<i>For Elevated Installation >30' To 35', Add</i>	35.60	
<i>For Elevated Installation >35' To 40', Add</i>	44.51	
<i>For Elevated Installation >40', Add</i>	48.96	
26 05 33 13-0111 EA 3" Rigid Galvanized Steel (RGS) 15" Large Radius Elbow.....	212.12	60.63
<i>For Work In Restricted Working Space, Add</i>	36.38	
<i>For Elevated Installation >10' To 15', Add</i>	12.13	
<i>For Elevated Installation >15' To 20', Add</i>	24.25	
<i>For Elevated Installation >20' To 25', Add</i>	30.32	
<i>For Elevated Installation >25' To 30', Add</i>	42.44	
<i>For Elevated Installation >30' To 35', Add</i>	48.51	
<i>For Elevated Installation >35' To 40', Add</i>	60.64	
<i>For Elevated Installation >40', Add</i>	66.70	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 33	13-0112	Rigid Galvanized Steel (RGS) 18" Large Radius Elbow <small>(26 05 33 13-0060)</small>			
		See CSI section 26 05 33 13-2319 for conduit field bending.			
26 05 33	13-0113	EA 1" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	82.82		24.51
		<i>For Work In Restricted Working Space, Add</i>	14.71		
		<i>For Elevated Installation >10' To 15', Add</i>	4.90		
		<i>For Elevated Installation >15' To 20', Add</i>	9.80		
		<i>For Elevated Installation >20' To 25', Add</i>	12.26		
		<i>For Elevated Installation >25' To 30', Add</i>	17.16		
		<i>For Elevated Installation >30' To 35', Add</i>	19.61		
		<i>For Elevated Installation >35' To 40', Add</i>	24.51		
		<i>For Elevated Installation >40', Add</i>	26.96		
26 05 33	13-0114	EA 1-1/4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	95.08		28.38
		<i>For Work In Restricted Working Space, Add</i>	17.03		
		<i>For Elevated Installation >10' To 15', Add</i>	5.68		
		<i>For Elevated Installation >15' To 20', Add</i>	11.35		
		<i>For Elevated Installation >20' To 25', Add</i>	14.19		
		<i>For Elevated Installation >25' To 30', Add</i>	19.87		
		<i>For Elevated Installation >30' To 35', Add</i>	22.70		
		<i>For Elevated Installation >35' To 40', Add</i>	28.38		
		<i>For Elevated Installation >40', Add</i>	31.22		
26 05 33	13-0115	EA 1-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	109.24		32.25
		<i>For Work In Restricted Working Space, Add</i>	19.35		
		<i>For Elevated Installation >10' To 15', Add</i>	6.45		
		<i>For Elevated Installation >15' To 20', Add</i>	12.90		
		<i>For Elevated Installation >20' To 25', Add</i>	16.13		
		<i>For Elevated Installation >25' To 30', Add</i>	22.58		
		<i>For Elevated Installation >30' To 35', Add</i>	25.80		
		<i>For Elevated Installation >35' To 40', Add</i>	32.25		
		<i>For Elevated Installation >40', Add</i>	35.48		
26 05 33	13-0116	EA 2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	128.04		35.48
		<i>For Work In Restricted Working Space, Add</i>	21.29		
		<i>For Elevated Installation >10' To 15', Add</i>	7.10		
		<i>For Elevated Installation >15' To 20', Add</i>	14.19		
		<i>For Elevated Installation >20' To 25', Add</i>	17.74		
		<i>For Elevated Installation >25' To 30', Add</i>	24.83		
		<i>For Elevated Installation >30' To 35', Add</i>	28.38		
		<i>For Elevated Installation >35' To 40', Add</i>	35.48		
		<i>For Elevated Installation >40', Add</i>	39.02		
26 05 33	13-0117	EA 2-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	166.80		44.51
		<i>For Work In Restricted Working Space, Add</i>	26.70		
		<i>For Elevated Installation >10' To 15', Add</i>	8.90		
		<i>For Elevated Installation >15' To 20', Add</i>	17.80		
		<i>For Elevated Installation >20' To 25', Add</i>	22.25		
		<i>For Elevated Installation >25' To 30', Add</i>	31.15		
		<i>For Elevated Installation >30' To 35', Add</i>	35.60		
		<i>For Elevated Installation >35' To 40', Add</i>	44.51		
		<i>For Elevated Installation >40', Add</i>	48.96		
26 05 33	13-0118	EA 3" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	219.45		60.63
		<i>For Work In Restricted Working Space, Add</i>	36.38		
		<i>For Elevated Installation >10' To 15', Add</i>	12.13		
		<i>For Elevated Installation >15' To 20', Add</i>	24.25		
		<i>For Elevated Installation >20' To 25', Add</i>	30.32		
		<i>For Elevated Installation >25' To 30', Add</i>	42.44		
		<i>For Elevated Installation >30' To 35', Add</i>	48.51		
		<i>For Elevated Installation >35' To 40', Add</i>	60.64		
		<i>For Elevated Installation >40', Add</i>	66.70		
26 05 33	13-0119	EA 3-1/2" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	275.53		68.37
		<i>For Work In Restricted Working Space, Add</i>	41.03		
		<i>For Elevated Installation >10' To 15', Add</i>	13.68		
		<i>For Elevated Installation >15' To 20', Add</i>	27.35		
		<i>For Elevated Installation >20' To 25', Add</i>	34.19		
		<i>For Elevated Installation >25' To 30', Add</i>	47.86		
		<i>For Elevated Installation >30' To 35', Add</i>	54.70		
		<i>For Elevated Installation >35' To 40', Add</i>	68.38		
		<i>For Elevated Installation >40', Add</i>	75.21		
26 05 33	13-0120	EA 4" Rigid Galvanized Steel (RGS) 18" Large Radius Elbow	333.10		89.01
		<i>For Work In Restricted Working Space, Add</i>	53.41		
		<i>For Elevated Installation >10' To 15', Add</i>	17.80		
		<i>For Elevated Installation >15' To 20', Add</i>	35.61		
		<i>For Elevated Installation >20' To 25', Add</i>	44.51		
		<i>For Elevated Installation >25' To 30', Add</i>	62.31		
		<i>For Elevated Installation >30' To 35', Add</i>	71.21		
		<i>For Elevated Installation >35' To 40', Add</i>	89.02		
		<i>For Elevated Installation >40', Add</i>	97.92		
26 05 33	13-0121	Rigid Galvanized Steel (RGS) 24" Large Radius Elbow <small>(26 05 33 13-0060)</small>			
		See CSI section 26 05 33 13-2319 for conduit field bending.			
26 05 33	13-0122	EA 1" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow	93.81		24.51
		<i>For Work In Restricted Working Space, Add</i>	14.71		
		<i>For Elevated Installation >10' To 15', Add</i>	4.90		
		<i>For Elevated Installation >15' To 20', Add</i>	9.80		
		<i>For Elevated Installation >20' To 25', Add</i>	12.26		
		<i>For Elevated Installation >25' To 30', Add</i>	17.16		
		<i>For Elevated Installation >30' To 35', Add</i>	19.61		
		<i>For Elevated Installation >35' To 40', Add</i>	24.51		
		<i>For Elevated Installation >40', Add</i>	26.96		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0123 EA 1-1/4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	105.87	28.38
<i>For Work In Restricted Working Space, Add</i>	17.03	
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	
26 05 33 13-0124 EA 1-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	117.32	32.25
<i>For Work In Restricted Working Space, Add</i>	19.35	
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
26 05 33 13-0125 EA 2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	139.95	35.48
<i>For Work In Restricted Working Space, Add</i>	21.29	
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
26 05 33 13-0126 EA 2-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	183.04	44.51
<i>For Work In Restricted Working Space, Add</i>	26.70	
<i>For Elevated Installation >10' To 15', Add</i>	8.90	
<i>For Elevated Installation >15' To 20', Add</i>	17.80	
<i>For Elevated Installation >20' To 25', Add</i>	22.25	
<i>For Elevated Installation >25' To 30', Add</i>	31.15	
<i>For Elevated Installation >30' To 35', Add</i>	35.60	
<i>For Elevated Installation >35' To 40', Add</i>	44.51	
<i>For Elevated Installation >40', Add</i>	48.96	
26 05 33 13-0127 EA 3" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	244.91	60.63
<i>For Work In Restricted Working Space, Add</i>	36.38	
<i>For Elevated Installation >10' To 15', Add</i>	12.13	
<i>For Elevated Installation >15' To 20', Add</i>	24.25	
<i>For Elevated Installation >20' To 25', Add</i>	30.32	
<i>For Elevated Installation >25' To 30', Add</i>	42.44	
<i>For Elevated Installation >30' To 35', Add</i>	48.51	
<i>For Elevated Installation >35' To 40', Add</i>	60.64	
<i>For Elevated Installation >40', Add</i>	66.70	
26 05 33 13-0128 EA 3-1/2" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	300.28	68.37
<i>For Work In Restricted Working Space, Add</i>	41.03	
<i>For Elevated Installation >10' To 15', Add</i>	13.68	
<i>For Elevated Installation >15' To 20', Add</i>	27.35	
<i>For Elevated Installation >20' To 25', Add</i>	34.19	
<i>For Elevated Installation >25' To 30', Add</i>	47.86	
<i>For Elevated Installation >30' To 35', Add</i>	54.70	
<i>For Elevated Installation >35' To 40', Add</i>	68.38	
<i>For Elevated Installation >40', Add</i>	75.21	
26 05 33 13-0129 EA 4" Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	352.83	89.01
<i>For Work In Restricted Working Space, Add</i>	53.41	
<i>For Elevated Installation >10' To 15', Add</i>	17.80	
<i>For Elevated Installation >15' To 20', Add</i>	35.61	
<i>For Elevated Installation >20' To 25', Add</i>	44.51	
<i>For Elevated Installation >25' To 30', Add</i>	62.31	
<i>For Elevated Installation >30' To 35', Add</i>	71.21	
<i>For Elevated Installation >35' To 40', Add</i>	89.02	
<i>For Elevated Installation >40', Add</i>	97.92	
26 05 33 13-0130 Rigid Galvanized Steel (RGS) 30" Large Radius Elbow <small>(26 05 33 13-0060)</small>		
<i>See CSI section 26 05 33 13-2319 for conduit field bending.</i>		
26 05 33 13-0131 EA 1" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	93.14	24.51
<i>For Work In Restricted Working Space, Add</i>	14.71	
<i>For Elevated Installation >10' To 15', Add</i>	4.90	
<i>For Elevated Installation >15' To 20', Add</i>	9.80	
<i>For Elevated Installation >20' To 25', Add</i>	12.26	
<i>For Elevated Installation >25' To 30', Add</i>	17.16	
<i>For Elevated Installation >30' To 35', Add</i>	19.61	
<i>For Elevated Installation >35' To 40', Add</i>	24.51	
<i>For Elevated Installation >40', Add</i>	26.96	
26 05 33 13-0132 EA 1-1/4" Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	113.88	28.38
<i>For Work In Restricted Working Space, Add</i>	17.03	
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0133	EA	1-1/2"	Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	126.00	32.25
			<i>For Work In Restricted Working Space, Add</i>	19.35	
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
26 05 33 13-0134	EA	2"	Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	151.29	35.48
			<i>For Work In Restricted Working Space, Add</i>	21.29	
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
26 05 33 13-0135	EA	2-1/2"	Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	198.61	44.51
			<i>For Work In Restricted Working Space, Add</i>	26.70	
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
26 05 33 13-0136	EA	3"	Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	265.01	60.63
			<i>For Work In Restricted Working Space, Add</i>	36.38	
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
26 05 33 13-0137	EA	3-1/2"	Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	324.74	68.37
			<i>For Work In Restricted Working Space, Add</i>	41.03	
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
26 05 33 13-0138	EA	4"	Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	389.04	89.01
			<i>For Work In Restricted Working Space, Add</i>	53.41	
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
26 05 33 13-0139	EA	5"	Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	561.30	145.13
			<i>For Work In Restricted Working Space, Add</i>	87.08	
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
26 05 33 13-0140			Rigid Galvanized Steel (RGS) 36" Large Radius Elbow <small>(26 05 33 13-0060)</small>		
			See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0141	EA	1"	Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	99.01	24.51
			<i>For Work In Restricted Working Space, Add</i>	14.71	
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
26 05 33 13-0142	EA	1-1/4"	Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	117.83	28.38
			<i>For Work In Restricted Working Space, Add</i>	17.03	
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0143 EA 1-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	141.21	32.25
For Work In Restricted Working Space, Add	19.35	
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.13	
For Elevated Installation >25' To 30', Add	22.58	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.48	
26 05 33 13-0144 EA 2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	160.15	35.48
For Work In Restricted Working Space, Add	21.29	
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
26 05 33 13-0145 EA 2-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	217.09	44.51
For Work In Restricted Working Space, Add	26.70	
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
26 05 33 13-0146 EA 3" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	282.20	60.63
For Work In Restricted Working Space, Add	36.38	
For Elevated Installation >10' To 15', Add	12.13	
For Elevated Installation >15' To 20', Add	24.25	
For Elevated Installation >20' To 25', Add	30.32	
For Elevated Installation >25' To 30', Add	42.44	
For Elevated Installation >30' To 35', Add	48.51	
For Elevated Installation >35' To 40', Add	60.64	
For Elevated Installation >40', Add	66.70	
26 05 33 13-0147 EA 3-1/2" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	356.34	68.37
For Work In Restricted Working Space, Add	41.03	
For Elevated Installation >10' To 15', Add	13.68	
For Elevated Installation >15' To 20', Add	27.35	
For Elevated Installation >20' To 25', Add	34.19	
For Elevated Installation >25' To 30', Add	47.86	
For Elevated Installation >30' To 35', Add	54.70	
For Elevated Installation >35' To 40', Add	68.38	
For Elevated Installation >40', Add	75.21	
26 05 33 13-0148 EA 4" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	406.08	89.01
For Work In Restricted Working Space, Add	53.41	
For Elevated Installation >10' To 15', Add	17.80	
For Elevated Installation >15' To 20', Add	35.61	
For Elevated Installation >20' To 25', Add	44.51	
For Elevated Installation >25' To 30', Add	62.31	
For Elevated Installation >30' To 35', Add	71.21	
For Elevated Installation >35' To 40', Add	89.02	
For Elevated Installation >40', Add	97.92	
26 05 33 13-0149 EA 5" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	700.29	145.13
For Work In Restricted Working Space, Add	87.08	
For Elevated Installation >10' To 15', Add	29.03	
For Elevated Installation >15' To 20', Add	58.05	
For Elevated Installation >20' To 25', Add	72.57	
For Elevated Installation >25' To 30', Add	101.59	
For Elevated Installation >30' To 35', Add	116.11	
For Elevated Installation >35' To 40', Add	145.14	
For Elevated Installation >40', Add	159.65	
26 05 33 13-0150 EA 6" Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	886.51	218.03
For Work In Restricted Working Space, Add	130.82	
For Elevated Installation >10' To 15', Add	43.61	
For Elevated Installation >15' To 20', Add	87.21	
For Elevated Installation >20' To 25', Add	109.01	
For Elevated Installation >25' To 30', Add	152.62	
For Elevated Installation >30' To 35', Add	174.42	
For Elevated Installation >35' To 40', Add	218.03	
For Elevated Installation >40', Add	239.83	
26 05 33 13-0151 Rigid Galvanized Steel (RGS) 42" Large Radius Elbow (26 05 33 13-0060)		
See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0152 EA 1" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	107.61	24.51
For Work In Restricted Working Space, Add	14.71	
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0153	EA	1-1/4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	128.33	28.38
			<i>For Work In Restricted Working Space, Add</i>	17.03	
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
26 05 33	13-0154	EA	1-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	152.37	32.25
			<i>For Work In Restricted Working Space, Add</i>	19.35	
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
26 05 33	13-0155	EA	2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	171.82	35.48
			<i>For Work In Restricted Working Space, Add</i>	21.29	
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
26 05 33	13-0156	EA	2-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	231.22	44.51
			<i>For Work In Restricted Working Space, Add</i>	26.71	
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.26	
			<i>For Elevated Installation >25' To 30', Add</i>	31.16	
			<i>For Elevated Installation >30' To 35', Add</i>	35.61	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
26 05 33	13-0157	EA	3" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	307.39	60.63
			<i>For Work In Restricted Working Space, Add</i>	36.38	
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
26 05 33	13-0158	EA	3-1/2" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	381.60	68.37
			<i>For Work In Restricted Working Space, Add</i>	41.03	
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
26 05 33	13-0159	EA	4" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	478.76	89.01
			<i>For Work In Restricted Working Space, Add</i>	53.41	
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
26 05 33	13-0160	EA	5" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	800.56	145.13
			<i>For Work In Restricted Working Space, Add</i>	87.08	
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
26 05 33	13-0161	EA	6" Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	973.33	218.03
			<i>For Work In Restricted Working Space, Add</i>	130.82	
			<i>For Elevated Installation >10' To 15', Add</i>	43.61	
			<i>For Elevated Installation >15' To 20', Add</i>	87.21	
			<i>For Elevated Installation >20' To 25', Add</i>	109.01	
			<i>For Elevated Installation >25' To 30', Add</i>	152.62	
			<i>For Elevated Installation >30' To 35', Add</i>	174.42	
			<i>For Elevated Installation >35' To 40', Add</i>	218.03	
			<i>For Elevated Installation >40', Add</i>	239.83	

26 05 33 13-0162 Rigid Galvanized Steel (RGS) 48" Large Radius Elbow (26 05 33 13-0060)

See CSI section 26 05 33 13-2319 for conduit field bending.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0163 EA 1" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	114.77	24.51
For Work In Restricted Working Space, Add	14.71	
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
26 05 33 13-0164 EA 1-1/4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	136.42	28.38
For Work In Restricted Working Space, Add	17.03	
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
26 05 33 13-0165 EA 1-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	159.43	32.25
For Work In Restricted Working Space, Add	19.35	
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.13	
For Elevated Installation >25' To 30', Add	22.58	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.48	
26 05 33 13-0166 EA 2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	193.63	35.48
For Work In Restricted Working Space, Add	21.29	
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
26 05 33 13-0167 EA 2-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	257.28	44.51
For Work In Restricted Working Space, Add	26.71	
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.26	
For Elevated Installation >25' To 30', Add	31.16	
For Elevated Installation >30' To 35', Add	35.61	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
26 05 33 13-0168 EA 3" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	332.77	60.63
For Work In Restricted Working Space, Add	36.38	
For Elevated Installation >10' To 15', Add	12.13	
For Elevated Installation >15' To 20', Add	24.25	
For Elevated Installation >20' To 25', Add	30.32	
For Elevated Installation >25' To 30', Add	42.44	
For Elevated Installation >30' To 35', Add	48.51	
For Elevated Installation >35' To 40', Add	60.64	
For Elevated Installation >40', Add	66.70	
26 05 33 13-0169 EA 3-1/2" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	413.36	68.37
For Work In Restricted Working Space, Add	41.03	
For Elevated Installation >10' To 15', Add	13.68	
For Elevated Installation >15' To 20', Add	27.35	
For Elevated Installation >20' To 25', Add	34.19	
For Elevated Installation >25' To 30', Add	47.86	
For Elevated Installation >30' To 35', Add	54.70	
For Elevated Installation >35' To 40', Add	68.38	
For Elevated Installation >40', Add	75.21	
26 05 33 13-0170 EA 4" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	517.34	89.01
For Work In Restricted Working Space, Add	53.41	
For Elevated Installation >10' To 15', Add	17.80	
For Elevated Installation >15' To 20', Add	35.61	
For Elevated Installation >20' To 25', Add	44.51	
For Elevated Installation >25' To 30', Add	62.31	
For Elevated Installation >30' To 35', Add	71.21	
For Elevated Installation >35' To 40', Add	89.02	
For Elevated Installation >40', Add	97.92	
26 05 33 13-0171 EA 5" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow.....	831.96	145.13
For Work In Restricted Working Space, Add	87.08	
For Elevated Installation >10' To 15', Add	29.03	
For Elevated Installation >15' To 20', Add	58.05	
For Elevated Installation >20' To 25', Add	72.57	
For Elevated Installation >25' To 30', Add	101.59	
For Elevated Installation >30' To 35', Add	116.11	
For Elevated Installation >35' To 40', Add	145.14	
For Elevated Installation >40', Add	159.65	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 33 13-0172	EA	6" Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	990.90		218.03
		<i>For Work In Restricted Working Space, Add</i>	130.82		
		<i>For Elevated Installation >10' To 15', Add</i>	43.61		
		<i>For Elevated Installation >15' To 20', Add</i>	87.21		
		<i>For Elevated Installation >20' To 25', Add</i>	109.01		
		<i>For Elevated Installation >25' To 30', Add</i>	152.62		
		<i>For Elevated Installation >30' To 35', Add</i>	174.42		
		<i>For Elevated Installation >35' To 40', Add</i>	218.03		
		<i>For Elevated Installation >40', Add</i>	239.83		
26 05 33 13-0173		Rigid Galvanized Steel (RGS) Plastic Insulating Bushing <small>(26 05 33 13-0060)</small>			
26 05 33 13-0174	EA	1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	13.05		6.33
		<i>For Work In Restricted Working Space, Add</i>	3.80		
		<i>For Elevated Installation >10' To 15', Add</i>	1.27		
		<i>For Elevated Installation >15' To 20', Add</i>	2.53		
		<i>For Elevated Installation >20' To 25', Add</i>	3.17		
		<i>For Elevated Installation >25' To 30', Add</i>	4.43		
		<i>For Elevated Installation >30' To 35', Add</i>	5.06		
		<i>For Elevated Installation >35' To 40', Add</i>	6.33		
		<i>For Elevated Installation >40', Add</i>	6.96		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.80		
26 05 33 13-0175	EA	3/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing.....	14.01		6.75
		<i>For Work In Restricted Working Space, Add</i>	4.05		
		<i>For Elevated Installation >10' To 15', Add</i>	1.35		
		<i>For Elevated Installation >15' To 20', Add</i>	2.70		
		<i>For Elevated Installation >20' To 25', Add</i>	3.38		
		<i>For Elevated Installation >25' To 30', Add</i>	4.73		
		<i>For Elevated Installation >30' To 35', Add</i>	5.40		
		<i>For Elevated Installation >35' To 40', Add</i>	6.75		
		<i>For Elevated Installation >40', Add</i>	7.43		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.05		
26 05 33 13-0176	EA	1" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	15.96		7.59
		<i>For Work In Restricted Working Space, Add</i>	4.55		
		<i>For Elevated Installation >10' To 15', Add</i>	1.52		
		<i>For Elevated Installation >15' To 20', Add</i>	3.04		
		<i>For Elevated Installation >20' To 25', Add</i>	3.80		
		<i>For Elevated Installation >25' To 30', Add</i>	5.31		
		<i>For Elevated Installation >30' To 35', Add</i>	6.07		
		<i>For Elevated Installation >35' To 40', Add</i>	7.59		
		<i>For Elevated Installation >40', Add</i>	8.35		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.55		
26 05 33 13-0177	EA	1-1/4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	17.99		8.43
		<i>For Work In Restricted Working Space, Add</i>	5.06		
		<i>For Elevated Installation >10' To 15', Add</i>	1.69		
		<i>For Elevated Installation >15' To 20', Add</i>	3.37		
		<i>For Elevated Installation >20' To 25', Add</i>	4.22		
		<i>For Elevated Installation >25' To 30', Add</i>	5.90		
		<i>For Elevated Installation >30' To 35', Add</i>	6.75		
		<i>For Elevated Installation >35' To 40', Add</i>	8.44		
		<i>For Elevated Installation >40', Add</i>	9.28		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.06		
26 05 33 13-0178	EA	1-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	22.63		10.54
		<i>For Work In Restricted Working Space, Add</i>	6.33		
		<i>For Elevated Installation >10' To 15', Add</i>	2.11		
		<i>For Elevated Installation >15' To 20', Add</i>	4.22		
		<i>For Elevated Installation >20' To 25', Add</i>	5.27		
		<i>For Elevated Installation >25' To 30', Add</i>	7.38		
		<i>For Elevated Installation >30' To 35', Add</i>	8.44		
		<i>For Elevated Installation >35' To 40', Add</i>	10.55		
		<i>For Elevated Installation >40', Add</i>	11.60		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.33		
26 05 33 13-0179	EA	2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	28.15		12.66
		<i>For Work In Restricted Working Space, Add</i>	7.59		
		<i>For Elevated Installation >10' To 15', Add</i>	2.53		
		<i>For Elevated Installation >15' To 20', Add</i>	5.06		
		<i>For Elevated Installation >20' To 25', Add</i>	6.33		
		<i>For Elevated Installation >25' To 30', Add</i>	8.86		
		<i>For Elevated Installation >30' To 35', Add</i>	10.12		
		<i>For Elevated Installation >35' To 40', Add</i>	12.65		
		<i>For Elevated Installation >40', Add</i>	13.92		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.59		
26 05 33 13-0180	EA	2-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	35.82		14.76
		<i>For Work In Restricted Working Space, Add</i>	8.86		
		<i>For Elevated Installation >10' To 15', Add</i>	2.95		
		<i>For Elevated Installation >15' To 20', Add</i>	5.90		
		<i>For Elevated Installation >20' To 25', Add</i>	7.38		
		<i>For Elevated Installation >25' To 30', Add</i>	10.33		
		<i>For Elevated Installation >30' To 35', Add</i>	11.81		
		<i>For Elevated Installation >35' To 40', Add</i>	14.76		
		<i>For Elevated Installation >40', Add</i>	16.24		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.86		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0181 EA 3" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	40.39	16.87
For Work In Restricted Working Space, Add	10.13	
For Elevated Installation >10' To 15', Add	3.38	
For Elevated Installation >15' To 20', Add	6.75	
For Elevated Installation >20' To 25', Add	8.44	
For Elevated Installation >25' To 30', Add	11.81	
For Elevated Installation >30' To 35', Add	13.50	
For Elevated Installation >35' To 40', Add	16.88	
For Elevated Installation >40', Add	18.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.13	
26 05 33 13-0182 EA 3-1/2" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	47.18	15.87
For Work In Restricted Working Space, Add	11.39	
For Elevated Installation >10' To 15', Add	3.80	
For Elevated Installation >15' To 20', Add	7.59	
For Elevated Installation >20' To 25', Add	9.49	
For Elevated Installation >25' To 30', Add	13.29	
For Elevated Installation >30' To 35', Add	15.18	
For Elevated Installation >35' To 40', Add	18.98	
For Elevated Installation >40', Add	20.88	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.39	
26 05 33 13-0183 EA 4" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	52.34	21.09
For Work In Restricted Working Space, Add	12.65	
For Elevated Installation >10' To 15', Add	4.22	
For Elevated Installation >15' To 20', Add	8.44	
For Elevated Installation >20' To 25', Add	10.55	
For Elevated Installation >25' To 30', Add	14.76	
For Elevated Installation >30' To 35', Add	16.87	
For Elevated Installation >35' To 40', Add	21.09	
For Elevated Installation >40', Add	23.20	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.65	
26 05 33 13-0184 EA 5" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	63.71	23.20
For Work In Restricted Working Space, Add	13.92	
For Elevated Installation >10' To 15', Add	4.64	
For Elevated Installation >15' To 20', Add	9.28	
For Elevated Installation >20' To 25', Add	11.60	
For Elevated Installation >25' To 30', Add	16.24	
For Elevated Installation >30' To 35', Add	18.56	
For Elevated Installation >35' To 40', Add	23.20	
For Elevated Installation >40', Add	25.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.92	
26 05 33 13-0185 EA 6" Rigid Galvanized Steel (RGS) Plastic Insulating Bushing	94.48	25.30
For Work In Restricted Working Space, Add	15.18	
For Elevated Installation >10' To 15', Add	5.06	
For Elevated Installation >15' To 20', Add	10.12	
For Elevated Installation >20' To 25', Add	12.65	
For Elevated Installation >25' To 30', Add	17.71	
For Elevated Installation >30' To 35', Add	20.24	
For Elevated Installation >35' To 40', Add	25.31	
For Elevated Installation >40', Add	27.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.18	
26 05 33 13-0186 Rigid Galvanized Steel (RGS) Steel Bushing (26 05 33 13-0060)		
26 05 33 13-0187 EA 1/2" Rigid Galvanized Steel (RGS) Steel Bushing	15.84	7.44
For Work In Restricted Working Space, Add	4.46	
For Elevated Installation >10' To 15', Add	1.49	
For Elevated Installation >15' To 20', Add	2.98	
For Elevated Installation >20' To 25', Add	3.72	
For Elevated Installation >25' To 30', Add	5.21	
For Elevated Installation >30' To 35', Add	5.95	
For Elevated Installation >35' To 40', Add	7.44	
For Elevated Installation >40', Add	8.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.46	
26 05 33 13-0188 EA 3/4" Rigid Galvanized Steel (RGS) Steel Bushing	17.28	7.94
For Work In Restricted Working Space, Add	4.76	
For Elevated Installation >10' To 15', Add	1.59	
For Elevated Installation >15' To 20', Add	3.17	
For Elevated Installation >20' To 25', Add	3.97	
For Elevated Installation >25' To 30', Add	5.55	
For Elevated Installation >30' To 35', Add	6.35	
For Elevated Installation >35' To 40', Add	7.94	
For Elevated Installation >40', Add	8.73	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.76	
26 05 33 13-0189 EA 1" Rigid Galvanized Steel (RGS) Steel Bushing	20.30	8.94
For Work In Restricted Working Space, Add	5.36	
For Elevated Installation >10' To 15', Add	1.79	
For Elevated Installation >15' To 20', Add	3.57	
For Elevated Installation >20' To 25', Add	4.47	
For Elevated Installation >25' To 30', Add	6.25	
For Elevated Installation >30' To 35', Add	7.14	
For Elevated Installation >35' To 40', Add	8.93	
For Elevated Installation >40', Add	9.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.36	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0190	EA	1-1/4"	Rigid Galvanized Steel (RGS) Steel Bushing	22.87	9.93
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33 13-0191	EA	1-1/2"	Rigid Galvanized Steel (RGS) Steel Bushing	29.27	12.41
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-0192	EA	2"	Rigid Galvanized Steel (RGS) Steel Bushing	34.57	14.88
			<i>For Work In Restricted Working Space, Add</i>	8.93	
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 05 33 13-0193	EA	2-1/2"	Rigid Galvanized Steel (RGS) Steel Bushing	49.81	17.37
			<i>For Work In Restricted Working Space, Add</i>	10.42	
			<i>For Elevated Installation >10' To 15', Add</i>	3.47	
			<i>For Elevated Installation >15' To 20', Add</i>	6.95	
			<i>For Elevated Installation >20' To 25', Add</i>	8.68	
			<i>For Elevated Installation >25' To 30', Add</i>	12.16	
			<i>For Elevated Installation >30' To 35', Add</i>	13.89	
			<i>For Elevated Installation >35' To 40', Add</i>	17.37	
			<i>For Elevated Installation >40', Add</i>	19.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-0194	EA	3"	Rigid Galvanized Steel (RGS) Steel Bushing	59.48	19.85
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.89	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.91	
26 05 33 13-0195	EA	3-1/2"	Rigid Galvanized Steel (RGS) Steel Bushing	90.87	22.33
			<i>For Work In Restricted Working Space, Add</i>	13.40	
			<i>For Elevated Installation >10' To 15', Add</i>	4.47	
			<i>For Elevated Installation >15' To 20', Add</i>	8.93	
			<i>For Elevated Installation >20' To 25', Add</i>	11.17	
			<i>For Elevated Installation >25' To 30', Add</i>	15.63	
			<i>For Elevated Installation >30' To 35', Add</i>	17.86	
			<i>For Elevated Installation >35' To 40', Add</i>	22.33	
			<i>For Elevated Installation >40', Add</i>	24.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.40	
26 05 33 13-0196	EA	4"	Rigid Galvanized Steel (RGS) Steel Bushing	124.57	24.81
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33 13-0197	EA	5"	Rigid Galvanized Steel (RGS) Steel Bushing	168.26	27.29
			<i>For Work In Restricted Working Space, Add</i>	16.37	
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.92	
			<i>For Elevated Installation >20' To 25', Add</i>	13.65	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0198 EA 6" Rigid Galvanized Steel (RGS) Steel Bushing.....	251.40	29.77
<i>For Work In Restricted Working Space, Add</i>	17.86	
<i>For Elevated Installation >10' To 15', Add</i>	5.95	
<i>For Elevated Installation >15' To 20', Add</i>	11.91	
<i>For Elevated Installation >20' To 25', Add</i>	14.89	
<i>For Elevated Installation >25' To 30', Add</i>	20.84	
<i>For Elevated Installation >30' To 35', Add</i>	23.82	
<i>For Elevated Installation >35' To 40', Add</i>	29.77	
<i>For Elevated Installation >40', Add</i>	32.75	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.86	
26 05 33 13-0199 Rigid Galvanized Steel (RGS) Steel Insulated Bushing (26 05 33 13-0060)		
26 05 33 13-0200 EA 1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	18.98	7.44
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Elevated Installation >10' To 15', Add</i>	1.49	
<i>For Elevated Installation >15' To 20', Add</i>	2.98	
<i>For Elevated Installation >20' To 25', Add</i>	3.72	
<i>For Elevated Installation >25' To 30', Add</i>	5.21	
<i>For Elevated Installation >30' To 35', Add</i>	5.95	
<i>For Elevated Installation >35' To 40', Add</i>	7.44	
<i>For Elevated Installation >40', Add</i>	8.18	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-0201 EA 3/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	18.99	7.94
<i>For Work In Restricted Working Space, Add</i>	4.76	
<i>For Elevated Installation >10' To 15', Add</i>	1.59	
<i>For Elevated Installation >15' To 20', Add</i>	3.17	
<i>For Elevated Installation >20' To 25', Add</i>	3.97	
<i>For Elevated Installation >25' To 30', Add</i>	5.55	
<i>For Elevated Installation >30' To 35', Add</i>	6.35	
<i>For Elevated Installation >35' To 40', Add</i>	7.94	
<i>For Elevated Installation >40', Add</i>	8.73	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33 13-0202 EA 1" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	22.46	8.94
<i>For Work In Restricted Working Space, Add</i>	5.36	
<i>For Elevated Installation >10' To 15', Add</i>	1.79	
<i>For Elevated Installation >15' To 20', Add</i>	3.57	
<i>For Elevated Installation >20' To 25', Add</i>	4.47	
<i>For Elevated Installation >25' To 30', Add</i>	6.25	
<i>For Elevated Installation >30' To 35', Add</i>	7.14	
<i>For Elevated Installation >35' To 40', Add</i>	8.93	
<i>For Elevated Installation >40', Add</i>	9.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33 13-0203 EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	26.51	9.93
<i>For Work In Restricted Working Space, Add</i>	5.96	
<i>For Elevated Installation >10' To 15', Add</i>	1.99	
<i>For Elevated Installation >15' To 20', Add</i>	3.97	
<i>For Elevated Installation >20' To 25', Add</i>	4.96	
<i>For Elevated Installation >25' To 30', Add</i>	6.95	
<i>For Elevated Installation >30' To 35', Add</i>	7.94	
<i>For Elevated Installation >35' To 40', Add</i>	9.93	
<i>For Elevated Installation >40', Add</i>	10.92	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33 13-0204 EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	33.07	12.41
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-0205 EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	41.30	14.88
<i>For Work In Restricted Working Space, Add</i>	8.93	
<i>For Elevated Installation >10' To 15', Add</i>	2.98	
<i>For Elevated Installation >15' To 20', Add</i>	5.95	
<i>For Elevated Installation >20' To 25', Add</i>	7.44	
<i>For Elevated Installation >25' To 30', Add</i>	10.42	
<i>For Elevated Installation >30' To 35', Add</i>	11.91	
<i>For Elevated Installation >35' To 40', Add</i>	14.89	
<i>For Elevated Installation >40', Add</i>	16.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 05 33 13-0206 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	58.94	17.37
<i>For Work In Restricted Working Space, Add</i>	10.42	
<i>For Elevated Installation >10' To 15', Add</i>	3.47	
<i>For Elevated Installation >15' To 20', Add</i>	6.95	
<i>For Elevated Installation >20' To 25', Add</i>	8.68	
<i>For Elevated Installation >25' To 30', Add</i>	12.16	
<i>For Elevated Installation >30' To 35', Add</i>	13.89	
<i>For Elevated Installation >35' To 40', Add</i>	17.37	
<i>For Elevated Installation >40', Add</i>	19.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0207	EA		3" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	70.18	19.85
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.89	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.91	
26 05 33 13-0208	EA		3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Bushing	92.86	22.33
			<i>For Work In Restricted Working Space, Add</i>	13.40	
			<i>For Elevated Installation >10' To 15', Add</i>	4.47	
			<i>For Elevated Installation >15' To 20', Add</i>	8.93	
			<i>For Elevated Installation >20' To 25', Add</i>	11.17	
			<i>For Elevated Installation >25' To 30', Add</i>	15.63	
			<i>For Elevated Installation >30' To 35', Add</i>	17.86	
			<i>For Elevated Installation >35' To 40', Add</i>	22.33	
			<i>For Elevated Installation >40', Add</i>	24.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.40	
26 05 33 13-0209	EA		4" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	133.48	24.81
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33 13-0210	EA		5" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	177.97	27.29
			<i>For Work In Restricted Working Space, Add</i>	16.37	
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.92	
			<i>For Elevated Installation >20' To 25', Add</i>	13.65	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.37	
26 05 33 13-0211	EA		6" Rigid Galvanized Steel (RGS) Steel Insulated Bushing.....	254.83	29.77
			<i>For Work In Restricted Working Space, Add</i>	17.86	
			<i>For Elevated Installation >10' To 15', Add</i>	5.95	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.77	
			<i>For Elevated Installation >40', Add</i>	32.75	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.86	
26 05 33 13-0212			Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing <small>(26 05 33 13-0060)</small>		
26 05 33 13-0213	EA		1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	26.33	8.94
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Elevated Installation >10' To 15', Add</i>	1.79	
			<i>For Elevated Installation >15' To 20', Add</i>	3.57	
			<i>For Elevated Installation >20' To 25', Add</i>	4.47	
			<i>For Elevated Installation >25' To 30', Add</i>	6.25	
			<i>For Elevated Installation >30' To 35', Add</i>	7.14	
			<i>For Elevated Installation >35' To 40', Add</i>	8.93	
			<i>For Elevated Installation >40', Add</i>	9.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33 13-0214	EA		3/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	29.52	9.93
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33 13-0215	EA		1" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	33.89	10.92
			<i>For Work In Restricted Working Space, Add</i>	6.55	
			<i>For Elevated Installation >10' To 15', Add</i>	2.18	
			<i>For Elevated Installation >15' To 20', Add</i>	4.37	
			<i>For Elevated Installation >20' To 25', Add</i>	5.46	
			<i>For Elevated Installation >25' To 30', Add</i>	7.64	
			<i>For Elevated Installation >30' To 35', Add</i>	8.73	
			<i>For Elevated Installation >35' To 40', Add</i>	10.92	
			<i>For Elevated Installation >40', Add</i>	12.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0216 EA 1-1/4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	40.41	12.41
For Work In Restricted Working Space, Add	7.44	
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.44	
26 05 33 13-0217 EA 1-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	48.77	15.38
For Work In Restricted Working Space, Add	9.23	
For Elevated Installation >10' To 15', Add	3.08	
For Elevated Installation >15' To 20', Add	6.15	
For Elevated Installation >20' To 25', Add	7.69	
For Elevated Installation >25' To 30', Add	10.77	
For Elevated Installation >30' To 35', Add	12.31	
For Elevated Installation >35' To 40', Add	15.39	
For Elevated Installation >40', Add	16.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.23	
26 05 33 13-0218 EA 2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	61.72	18.36
For Work In Restricted Working Space, Add	11.01	
For Elevated Installation >10' To 15', Add	3.67	
For Elevated Installation >15' To 20', Add	7.34	
For Elevated Installation >20' To 25', Add	9.18	
For Elevated Installation >25' To 30', Add	12.85	
For Elevated Installation >30' To 35', Add	14.68	
For Elevated Installation >35' To 40', Add	18.36	
For Elevated Installation >40', Add	20.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.01	
26 05 33 13-0219 EA 2-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	83.53	21.34
For Work In Restricted Working Space, Add	12.80	
For Elevated Installation >10' To 15', Add	4.27	
For Elevated Installation >15' To 20', Add	8.53	
For Elevated Installation >20' To 25', Add	10.67	
For Elevated Installation >25' To 30', Add	14.93	
For Elevated Installation >30' To 35', Add	17.07	
For Elevated Installation >35' To 40', Add	21.34	
For Elevated Installation >40', Add	23.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.80	
26 05 33 13-0220 EA 3" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	91.77	24.81
For Work In Restricted Working Space, Add	14.89	
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.41	
For Elevated Installation >25' To 30', Add	17.37	
For Elevated Installation >30' To 35', Add	19.85	
For Elevated Installation >35' To 40', Add	24.81	
For Elevated Installation >40', Add	27.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.89	
26 05 33 13-0221 EA 3-1/2" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	103.85	27.79
For Work In Restricted Working Space, Add	16.67	
For Elevated Installation >10' To 15', Add	5.56	
For Elevated Installation >15' To 20', Add	11.12	
For Elevated Installation >20' To 25', Add	13.90	
For Elevated Installation >25' To 30', Add	19.45	
For Elevated Installation >30' To 35', Add	22.23	
For Elevated Installation >35' To 40', Add	27.79	
For Elevated Installation >40', Add	30.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.67	
26 05 33 13-0222 EA 4" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	135.41	30.77
For Work In Restricted Working Space, Add	18.46	
For Elevated Installation >10' To 15', Add	6.15	
For Elevated Installation >15' To 20', Add	12.30	
For Elevated Installation >20' To 25', Add	15.38	
For Elevated Installation >25' To 30', Add	21.53	
For Elevated Installation >30' To 35', Add	24.61	
For Elevated Installation >35' To 40', Add	30.76	
For Elevated Installation >40', Add	33.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.46	
26 05 33 13-0223 EA 5" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing.....	194.67	33.75
For Work In Restricted Working Space, Add	20.24	
For Elevated Installation >10' To 15', Add	6.75	
For Elevated Installation >15' To 20', Add	13.50	
For Elevated Installation >20' To 25', Add	16.87	
For Elevated Installation >25' To 30', Add	23.62	
For Elevated Installation >30' To 35', Add	26.99	
For Elevated Installation >35' To 40', Add	33.74	
For Elevated Installation >40', Add	37.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.24	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0224	EA	6" Rigid Galvanized Steel (RGS) Steel Insulated Grounding Bushing	270.49	37.22
		<i>For Work In Restricted Working Space, Add</i>	22.33	
		<i>For Elevated Installation >10' To 15', Add</i>	7.44	
		<i>For Elevated Installation >15' To 20', Add</i>	14.89	
		<i>For Elevated Installation >20' To 25', Add</i>	18.61	
		<i>For Elevated Installation >25' To 30', Add</i>	26.05	
		<i>For Elevated Installation >30' To 35', Add</i>	29.77	
		<i>For Elevated Installation >35' To 40', Add</i>	37.22	
		<i>For Elevated Installation >40', Add</i>	40.94	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.33	
26 05 33 13-0225		Rigid Galvanized Steel (RGS) Box Connectors With Set Screw <small>(26 05 33 13-0060)</small>		
26 05 33 13-0226	EA	1/2" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	16.74	4.56
		<i>For Work In Restricted Working Space, Add</i>	3.40	
		<i>For Elevated Installation >10' To 15', Add</i>	1.13	
		<i>For Elevated Installation >15' To 20', Add</i>	2.26	
		<i>For Elevated Installation >20' To 25', Add</i>	2.83	
		<i>For Elevated Installation >25' To 30', Add</i>	3.96	
		<i>For Elevated Installation >30' To 35', Add</i>	4.53	
		<i>For Elevated Installation >35' To 40', Add</i>	5.66	
		<i>For Elevated Installation >40', Add</i>	6.23	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.40	
26 05 33 13-0227	EA	3/4" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	20.64	5.25
		<i>For Work In Restricted Working Space, Add</i>	3.93	
		<i>For Elevated Installation >10' To 15', Add</i>	1.31	
		<i>For Elevated Installation >15' To 20', Add</i>	2.62	
		<i>For Elevated Installation >20' To 25', Add</i>	3.28	
		<i>For Elevated Installation >25' To 30', Add</i>	4.59	
		<i>For Elevated Installation >30' To 35', Add</i>	5.24	
		<i>For Elevated Installation >35' To 40', Add</i>	6.56	
		<i>For Elevated Installation >40', Add</i>	7.21	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.93	
26 05 33 13-0228	EA	1" Rigid Galvanized Steel (RGS) Box Connector With Set Screw	27.82	6.35
		<i>For Work In Restricted Working Space, Add</i>	4.74	
		<i>For Elevated Installation >10' To 15', Add</i>	1.58	
		<i>For Elevated Installation >15' To 20', Add</i>	3.16	
		<i>For Elevated Installation >20' To 25', Add</i>	3.95	
		<i>For Elevated Installation >25' To 30', Add</i>	5.53	
		<i>For Elevated Installation >30' To 35', Add</i>	6.32	
		<i>For Elevated Installation >35' To 40', Add</i>	7.91	
		<i>For Elevated Installation >40', Add</i>	8.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.74	
26 05 33 13-0229	EA	1-1/4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	43.21	7.84
		<i>For Work In Restricted Working Space, Add</i>	5.90	
		<i>For Elevated Installation >10' To 15', Add</i>	1.97	
		<i>For Elevated Installation >15' To 20', Add</i>	3.93	
		<i>For Elevated Installation >20' To 25', Add</i>	4.92	
		<i>For Elevated Installation >25' To 30', Add</i>	6.88	
		<i>For Elevated Installation >30' To 35', Add</i>	7.87	
		<i>For Elevated Installation >35' To 40', Add</i>	9.84	
		<i>For Elevated Installation >40', Add</i>	10.82	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.90	
26 05 33 13-0230	EA	1-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	58.65	10.52
		<i>For Work In Restricted Working Space, Add</i>	7.90	
		<i>For Elevated Installation >10' To 15', Add</i>	2.63	
		<i>For Elevated Installation >15' To 20', Add</i>	5.26	
		<i>For Elevated Installation >20' To 25', Add</i>	6.58	
		<i>For Elevated Installation >25' To 30', Add</i>	9.21	
		<i>For Elevated Installation >30' To 35', Add</i>	10.53	
		<i>For Elevated Installation >35' To 40', Add</i>	13.16	
		<i>For Elevated Installation >40', Add</i>	14.48	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.90	
26 05 33 13-0231	EA	2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	102.82	15.77
		<i>For Work In Restricted Working Space, Add</i>	11.83	
		<i>For Elevated Installation >10' To 15', Add</i>	3.94	
		<i>For Elevated Installation >15' To 20', Add</i>	7.88	
		<i>For Elevated Installation >20' To 25', Add</i>	9.86	
		<i>For Elevated Installation >25' To 30', Add</i>	13.80	
		<i>For Elevated Installation >30' To 35', Add</i>	15.77	
		<i>For Elevated Installation >35' To 40', Add</i>	19.71	
		<i>For Elevated Installation >40', Add</i>	21.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.83	
26 05 33 13-0232	EA	2-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	200.55	17.47
		<i>For Work In Restricted Working Space, Add</i>	13.10	
		<i>For Elevated Installation >10' To 15', Add</i>	4.37	
		<i>For Elevated Installation >15' To 20', Add</i>	8.73	
		<i>For Elevated Installation >20' To 25', Add</i>	10.92	
		<i>For Elevated Installation >25' To 30', Add</i>	15.28	
		<i>For Elevated Installation >30' To 35', Add</i>	17.46	
		<i>For Elevated Installation >35' To 40', Add</i>	21.83	
		<i>For Elevated Installation >40', Add</i>	24.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0233 EA 3" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	238.59	21.14
For Work In Restricted Working Space, Add	15.87	
For Elevated Installation >10' To 15', Add	5.29	
For Elevated Installation >15' To 20', Add	10.58	
For Elevated Installation >20' To 25', Add	13.22	
For Elevated Installation >25' To 30', Add	18.51	
For Elevated Installation >30' To 35', Add	21.16	
For Elevated Installation >35' To 40', Add	26.45	
For Elevated Installation >40', Add	29.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.87	
26 05 33 13-0234 EA 3-1/2" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw	325.55	26.50
For Work In Restricted Working Space, Add	19.86	
For Elevated Installation >10' To 15', Add	6.62	
For Elevated Installation >15' To 20', Add	13.24	
For Elevated Installation >20' To 25', Add	16.55	
For Elevated Installation >25' To 30', Add	23.17	
For Elevated Installation >30' To 35', Add	26.48	
For Elevated Installation >35' To 40', Add	33.11	
For Elevated Installation >40', Add	36.42	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.86	
26 05 33 13-0235 EA 4" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	380.35	31.76
For Work In Restricted Working Space, Add	23.81	
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.81	
26 05 33 13-0236 EA 5" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	696.56	35.33
For Work In Restricted Working Space, Add	26.47	
For Elevated Installation >10' To 15', Add	8.82	
For Elevated Installation >15' To 20', Add	17.64	
For Elevated Installation >20' To 25', Add	22.06	
For Elevated Installation >25' To 30', Add	30.88	
For Elevated Installation >30' To 35', Add	35.29	
For Elevated Installation >35' To 40', Add	44.11	
For Elevated Installation >40', Add	48.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.47	
26 05 33 13-0237 EA 6" Rigid Galvanized Steel (RGS) Box Connector, Insulated With Set Screw.....	835.63	39.69
For Work In Restricted Working Space, Add	29.77	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.84	
For Elevated Installation >20' To 25', Add	24.81	
For Elevated Installation >25' To 30', Add	34.73	
For Elevated Installation >30' To 35', Add	39.69	
For Elevated Installation >35' To 40', Add	49.61	
For Elevated Installation >40', Add	54.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.77	
26 05 33 13-0238 Rigid Galvanized Steel (RGS) Nipples (26 05 33 13-0060)		
26 05 33 13-0239 EA 1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	14.67	6.45
For Work In Restricted Working Space, Add	3.87	
For Elevated Installation >10' To 15', Add	1.29	
For Elevated Installation >15' To 20', Add	2.58	
For Elevated Installation >20' To 25', Add	3.23	
For Elevated Installation >25' To 30', Add	4.52	
For Elevated Installation >30' To 35', Add	5.16	
For Elevated Installation >35' To 40', Add	6.45	
For Elevated Installation >40', Add	7.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 33 13-0240 EA 3/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	16.88	7.44
For Work In Restricted Working Space, Add	4.46	
For Elevated Installation >10' To 15', Add	1.49	
For Elevated Installation >15' To 20', Add	2.98	
For Elevated Installation >20' To 25', Add	3.72	
For Elevated Installation >25' To 30', Add	5.21	
For Elevated Installation >30' To 35', Add	5.95	
For Elevated Installation >35' To 40', Add	7.44	
For Elevated Installation >40', Add	8.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.46	
26 05 33 13-0241 EA 1" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	21.64	9.43
For Work In Restricted Working Space, Add	5.66	
For Elevated Installation >10' To 15', Add	1.89	
For Elevated Installation >15' To 20', Add	3.77	
For Elevated Installation >20' To 25', Add	4.71	
For Elevated Installation >25' To 30', Add	6.60	
For Elevated Installation >30' To 35', Add	7.54	
For Elevated Installation >35' To 40', Add	9.43	
For Elevated Installation >40', Add	10.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.66	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33	13-0242	EA 1-1/4" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	25.37	10.92
		<i>For Work In Restricted Working Space, Add</i>	6.55	
		<i>For Elevated Installation >10' To 15', Add</i>	2.18	
		<i>For Elevated Installation >15' To 20', Add</i>	4.37	
		<i>For Elevated Installation >20' To 25', Add</i>	5.46	
		<i>For Elevated Installation >25' To 30', Add</i>	7.64	
		<i>For Elevated Installation >30' To 35', Add</i>	8.73	
		<i>For Elevated Installation >35' To 40', Add</i>	10.92	
		<i>For Elevated Installation >40', Add</i>	12.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-0243	EA 1-1/2" x 2" Long, Rigid Galvanized Steel (RGS) Nipple.....	29.01	12.41
		<i>For Work In Restricted Working Space, Add</i>	7.44	
		<i>For Elevated Installation >10' To 15', Add</i>	2.48	
		<i>For Elevated Installation >15' To 20', Add</i>	4.96	
		<i>For Elevated Installation >20' To 25', Add</i>	6.20	
		<i>For Elevated Installation >25' To 30', Add</i>	8.68	
		<i>For Elevated Installation >30' To 35', Add</i>	9.92	
		<i>For Elevated Installation >35' To 40', Add</i>	12.41	
		<i>For Elevated Installation >40', Add</i>	13.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-0244	EA 1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	14.82	6.45
		<i>For Work In Restricted Working Space, Add</i>	3.87	
		<i>For Elevated Installation >10' To 15', Add</i>	1.29	
		<i>For Elevated Installation >15' To 20', Add</i>	2.58	
		<i>For Elevated Installation >20' To 25', Add</i>	3.23	
		<i>For Elevated Installation >25' To 30', Add</i>	4.52	
		<i>For Elevated Installation >30' To 35', Add</i>	5.16	
		<i>For Elevated Installation >35' To 40', Add</i>	6.45	
		<i>For Elevated Installation >40', Add</i>	7.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-0245	EA 3/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	17.10	7.44
		<i>For Work In Restricted Working Space, Add</i>	4.46	
		<i>For Elevated Installation >10' To 15', Add</i>	1.49	
		<i>For Elevated Installation >15' To 20', Add</i>	2.98	
		<i>For Elevated Installation >20' To 25', Add</i>	3.72	
		<i>For Elevated Installation >25' To 30', Add</i>	5.21	
		<i>For Elevated Installation >30' To 35', Add</i>	5.95	
		<i>For Elevated Installation >35' To 40', Add</i>	7.44	
		<i>For Elevated Installation >40', Add</i>	8.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-0246	EA 1" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	21.88	9.43
		<i>For Work In Restricted Working Space, Add</i>	5.66	
		<i>For Elevated Installation >10' To 15', Add</i>	1.89	
		<i>For Elevated Installation >15' To 20', Add</i>	3.77	
		<i>For Elevated Installation >20' To 25', Add</i>	4.71	
		<i>For Elevated Installation >25' To 30', Add</i>	6.60	
		<i>For Elevated Installation >30' To 35', Add</i>	7.54	
		<i>For Elevated Installation >35' To 40', Add</i>	9.43	
		<i>For Elevated Installation >40', Add</i>	10.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-0247	EA 1-1/4" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	25.71	10.92
		<i>For Work In Restricted Working Space, Add</i>	6.55	
		<i>For Elevated Installation >10' To 15', Add</i>	2.18	
		<i>For Elevated Installation >15' To 20', Add</i>	4.37	
		<i>For Elevated Installation >20' To 25', Add</i>	5.46	
		<i>For Elevated Installation >25' To 30', Add</i>	7.64	
		<i>For Elevated Installation >30' To 35', Add</i>	8.73	
		<i>For Elevated Installation >35' To 40', Add</i>	10.92	
		<i>For Elevated Installation >40', Add</i>	12.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-0248	EA 1-1/2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	29.55	12.41
		<i>For Work In Restricted Working Space, Add</i>	7.44	
		<i>For Elevated Installation >10' To 15', Add</i>	2.48	
		<i>For Elevated Installation >15' To 20', Add</i>	4.96	
		<i>For Elevated Installation >20' To 25', Add</i>	6.20	
		<i>For Elevated Installation >25' To 30', Add</i>	8.68	
		<i>For Elevated Installation >30' To 35', Add</i>	9.92	
		<i>For Elevated Installation >35' To 40', Add</i>	12.41	
		<i>For Elevated Installation >40', Add</i>	13.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-0249	EA 2" x 2-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	33.52	13.89
		<i>For Work In Restricted Working Space, Add</i>	8.34	
		<i>For Elevated Installation >10' To 15', Add</i>	2.78	
		<i>For Elevated Installation >15' To 20', Add</i>	5.56	
		<i>For Elevated Installation >20' To 25', Add</i>	6.95	
		<i>For Elevated Installation >25' To 30', Add</i>	9.73	
		<i>For Elevated Installation >30' To 35', Add</i>	11.12	
		<i>For Elevated Installation >35' To 40', Add</i>	13.90	
		<i>For Elevated Installation >40', Add</i>	15.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0250 EA 1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	14.97	6.45
For Work In Restricted Working Space, Add	3.87	
For Elevated Installation >10' To 15', Add	1.29	
For Elevated Installation >15' To 20', Add	2.58	
For Elevated Installation >20' To 25', Add	3.23	
For Elevated Installation >25' To 30', Add	4.52	
For Elevated Installation >30' To 35', Add	5.16	
For Elevated Installation >35' To 40', Add	6.45	
For Elevated Installation >40', Add	7.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 33 13-0251 EA 3/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	17.30	7.44
For Work In Restricted Working Space, Add	4.46	
For Elevated Installation >10' To 15', Add	1.49	
For Elevated Installation >15' To 20', Add	2.98	
For Elevated Installation >20' To 25', Add	3.72	
For Elevated Installation >25' To 30', Add	5.21	
For Elevated Installation >30' To 35', Add	5.95	
For Elevated Installation >35' To 40', Add	7.44	
For Elevated Installation >40', Add	8.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.46	
26 05 33 13-0252 EA 1" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	22.23	9.43
For Work In Restricted Working Space, Add	5.66	
For Elevated Installation >10' To 15', Add	1.89	
For Elevated Installation >15' To 20', Add	3.77	
For Elevated Installation >20' To 25', Add	4.71	
For Elevated Installation >25' To 30', Add	6.60	
For Elevated Installation >30' To 35', Add	7.54	
For Elevated Installation >35' To 40', Add	9.43	
For Elevated Installation >40', Add	10.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.66	
26 05 33 13-0253 EA 1-1/4" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.02	10.92
For Work In Restricted Working Space, Add	6.55	
For Elevated Installation >10' To 15', Add	2.18	
For Elevated Installation >15' To 20', Add	4.37	
For Elevated Installation >20' To 25', Add	5.46	
For Elevated Installation >25' To 30', Add	7.64	
For Elevated Installation >30' To 35', Add	8.73	
For Elevated Installation >35' To 40', Add	10.92	
For Elevated Installation >40', Add	12.01	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.55	
26 05 33 13-0254 EA 1-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	29.91	12.41
For Work In Restricted Working Space, Add	7.44	
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.44	
26 05 33 13-0255 EA 2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	34.41	13.89
For Work In Restricted Working Space, Add	8.34	
For Elevated Installation >10' To 15', Add	2.78	
For Elevated Installation >15' To 20', Add	5.56	
For Elevated Installation >20' To 25', Add	6.95	
For Elevated Installation >25' To 30', Add	9.73	
For Elevated Installation >30' To 35', Add	11.12	
For Elevated Installation >35' To 40', Add	13.90	
For Elevated Installation >40', Add	15.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.34	
26 05 33 13-0256 EA 2-1/2" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	47.42	16.87
For Work In Restricted Working Space, Add	10.12	
For Elevated Installation >10' To 15', Add	3.37	
For Elevated Installation >15' To 20', Add	6.75	
For Elevated Installation >20' To 25', Add	8.44	
For Elevated Installation >25' To 30', Add	11.81	
For Elevated Installation >30' To 35', Add	13.50	
For Elevated Installation >35' To 40', Add	16.87	
For Elevated Installation >40', Add	18.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.12	
26 05 33 13-0257 EA 3" x 3" Long, Rigid Galvanized Steel (RGS) Nipple.....	63.45	23.32
For Work In Restricted Working Space, Add	13.99	
For Elevated Installation >10' To 15', Add	4.66	
For Elevated Installation >15' To 20', Add	9.33	
For Elevated Installation >20' To 25', Add	11.66	
For Elevated Installation >25' To 30', Add	16.32	
For Elevated Installation >30' To 35', Add	18.66	
For Elevated Installation >35' To 40', Add	23.32	
For Elevated Installation >40', Add	25.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.99	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33	13-0258	EA 1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.17	6.45
		<i>For Work In Restricted Working Space, Add</i>	3.87	
		<i>For Elevated Installation >10' To 15', Add</i>	1.29	
		<i>For Elevated Installation >15' To 20', Add</i>	2.58	
		<i>For Elevated Installation >20' To 25', Add</i>	3.23	
		<i>For Elevated Installation >25' To 30', Add</i>	4.52	
		<i>For Elevated Installation >30' To 35', Add</i>	5.16	
		<i>For Elevated Installation >35' To 40', Add</i>	6.45	
		<i>For Elevated Installation >40', Add</i>	7.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-0259	EA 3/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	17.40	7.44
		<i>For Work In Restricted Working Space, Add</i>	4.46	
		<i>For Elevated Installation >10' To 15', Add</i>	1.49	
		<i>For Elevated Installation >15' To 20', Add</i>	2.98	
		<i>For Elevated Installation >20' To 25', Add</i>	3.72	
		<i>For Elevated Installation >25' To 30', Add</i>	5.21	
		<i>For Elevated Installation >30' To 35', Add</i>	5.95	
		<i>For Elevated Installation >35' To 40', Add</i>	7.44	
		<i>For Elevated Installation >40', Add</i>	8.18	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-0260	EA 1" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	22.68	9.43
		<i>For Work In Restricted Working Space, Add</i>	5.66	
		<i>For Elevated Installation >10' To 15', Add</i>	1.89	
		<i>For Elevated Installation >15' To 20', Add</i>	3.77	
		<i>For Elevated Installation >20' To 25', Add</i>	4.71	
		<i>For Elevated Installation >25' To 30', Add</i>	6.60	
		<i>For Elevated Installation >30' To 35', Add</i>	7.54	
		<i>For Elevated Installation >35' To 40', Add</i>	9.43	
		<i>For Elevated Installation >40', Add</i>	10.37	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-0261	EA 1-1/4" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.59	10.92
		<i>For Work In Restricted Working Space, Add</i>	6.55	
		<i>For Elevated Installation >10' To 15', Add</i>	2.18	
		<i>For Elevated Installation >15' To 20', Add</i>	4.37	
		<i>For Elevated Installation >20' To 25', Add</i>	5.46	
		<i>For Elevated Installation >25' To 30', Add</i>	7.64	
		<i>For Elevated Installation >30' To 35', Add</i>	8.73	
		<i>For Elevated Installation >35' To 40', Add</i>	10.92	
		<i>For Elevated Installation >40', Add</i>	12.01	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-0262	EA 1-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	30.67	12.41
		<i>For Work In Restricted Working Space, Add</i>	7.44	
		<i>For Elevated Installation >10' To 15', Add</i>	2.48	
		<i>For Elevated Installation >15' To 20', Add</i>	4.96	
		<i>For Elevated Installation >20' To 25', Add</i>	6.20	
		<i>For Elevated Installation >25' To 30', Add</i>	8.68	
		<i>For Elevated Installation >30' To 35', Add</i>	9.92	
		<i>For Elevated Installation >35' To 40', Add</i>	12.41	
		<i>For Elevated Installation >40', Add</i>	13.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-0263	EA 2" x 3-1/2" Long, Rigid Galvanized Steel (RGS), Nipple.....	35.33	13.89
		<i>For Work In Restricted Working Space, Add</i>	8.34	
		<i>For Elevated Installation >10' To 15', Add</i>	2.78	
		<i>For Elevated Installation >15' To 20', Add</i>	5.56	
		<i>For Elevated Installation >20' To 25', Add</i>	6.95	
		<i>For Elevated Installation >25' To 30', Add</i>	9.73	
		<i>For Elevated Installation >30' To 35', Add</i>	11.12	
		<i>For Elevated Installation >35' To 40', Add</i>	13.90	
		<i>For Elevated Installation >40', Add</i>	15.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33	13-0264	EA 2-1/2" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	49.91	16.87
		<i>For Work In Restricted Working Space, Add</i>	10.12	
		<i>For Elevated Installation >10' To 15', Add</i>	3.37	
		<i>For Elevated Installation >15' To 20', Add</i>	6.75	
		<i>For Elevated Installation >20' To 25', Add</i>	8.44	
		<i>For Elevated Installation >25' To 30', Add</i>	11.81	
		<i>For Elevated Installation >30' To 35', Add</i>	13.50	
		<i>For Elevated Installation >35' To 40', Add</i>	16.87	
		<i>For Elevated Installation >40', Add</i>	18.56	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33	13-0265	EA 3" x 3-1/2" Long, Rigid Galvanized Steel (RGS) Nipple.....	65.61	23.32
		<i>For Work In Restricted Working Space, Add</i>	13.99	
		<i>For Elevated Installation >10' To 15', Add</i>	4.66	
		<i>For Elevated Installation >15' To 20', Add</i>	9.33	
		<i>For Elevated Installation >20' To 25', Add</i>	11.66	
		<i>For Elevated Installation >25' To 30', Add</i>	16.32	
		<i>For Elevated Installation >30' To 35', Add</i>	18.66	
		<i>For Elevated Installation >35' To 40', Add</i>	23.32	
		<i>For Elevated Installation >40', Add</i>	25.65	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0266 EA 1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	15.36	6.45
For Work In Restricted Working Space, Add	3.87	
For Elevated Installation >10' To 15', Add	1.29	
For Elevated Installation >15' To 20', Add	2.58	
For Elevated Installation >20' To 25', Add	3.23	
For Elevated Installation >25' To 30', Add	4.52	
For Elevated Installation >30' To 35', Add	5.16	
For Elevated Installation >35' To 40', Add	6.45	
For Elevated Installation >40', Add	7.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 33 13-0267 EA 3/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	17.75	7.44
For Work In Restricted Working Space, Add	4.46	
For Elevated Installation >10' To 15', Add	1.49	
For Elevated Installation >15' To 20', Add	2.98	
For Elevated Installation >20' To 25', Add	3.72	
For Elevated Installation >25' To 30', Add	5.21	
For Elevated Installation >30' To 35', Add	5.95	
For Elevated Installation >35' To 40', Add	7.44	
For Elevated Installation >40', Add	8.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.46	
26 05 33 13-0268 EA 1" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	22.96	9.43
For Work In Restricted Working Space, Add	5.66	
For Elevated Installation >10' To 15', Add	1.89	
For Elevated Installation >15' To 20', Add	3.77	
For Elevated Installation >20' To 25', Add	4.71	
For Elevated Installation >25' To 30', Add	6.60	
For Elevated Installation >30' To 35', Add	7.54	
For Elevated Installation >35' To 40', Add	9.43	
For Elevated Installation >40', Add	10.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.66	
26 05 33 13-0269 EA 1-1/4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.87	10.92
For Work In Restricted Working Space, Add	6.55	
For Elevated Installation >10' To 15', Add	2.18	
For Elevated Installation >15' To 20', Add	4.37	
For Elevated Installation >20' To 25', Add	5.46	
For Elevated Installation >25' To 30', Add	7.64	
For Elevated Installation >30' To 35', Add	8.73	
For Elevated Installation >35' To 40', Add	10.92	
For Elevated Installation >40', Add	12.01	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.55	
26 05 33 13-0270 EA 1-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	31.19	12.41
For Work In Restricted Working Space, Add	7.44	
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.44	
26 05 33 13-0271 EA 2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	36.12	13.89
For Work In Restricted Working Space, Add	8.34	
For Elevated Installation >10' To 15', Add	2.78	
For Elevated Installation >15' To 20', Add	5.56	
For Elevated Installation >20' To 25', Add	6.95	
For Elevated Installation >25' To 30', Add	9.73	
For Elevated Installation >30' To 35', Add	11.12	
For Elevated Installation >35' To 40', Add	13.90	
For Elevated Installation >40', Add	15.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.34	
26 05 33 13-0272 EA 2-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	50.67	16.87
For Work In Restricted Working Space, Add	10.12	
For Elevated Installation >10' To 15', Add	3.37	
For Elevated Installation >15' To 20', Add	6.75	
For Elevated Installation >20' To 25', Add	8.44	
For Elevated Installation >25' To 30', Add	11.81	
For Elevated Installation >30' To 35', Add	13.50	
For Elevated Installation >35' To 40', Add	16.87	
For Elevated Installation >40', Add	18.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.12	
26 05 33 13-0273 EA 3" x 4" Long, Rigid Galvanized Steel (RGS) Nipple.....	67.21	23.32
For Work In Restricted Working Space, Add	13.99	
For Elevated Installation >10' To 15', Add	4.66	
For Elevated Installation >15' To 20', Add	9.33	
For Elevated Installation >20' To 25', Add	11.66	
For Elevated Installation >25' To 30', Add	16.32	
For Elevated Installation >30' To 35', Add	18.66	
For Elevated Installation >35' To 40', Add	23.32	
For Elevated Installation >40', Add	25.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.99	

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0274	EA	3-1/2" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	77.62	26.29
			<i>For Work In Restricted Working Space, Add</i>	15.78	
			<i>For Elevated Installation >10' To 15', Add</i>	5.26	
			<i>For Elevated Installation >15' To 20', Add</i>	10.52	
			<i>For Elevated Installation >20' To 25', Add</i>	13.15	
			<i>For Elevated Installation >25' To 30', Add</i>	18.41	
			<i>For Elevated Installation >30' To 35', Add</i>	21.04	
			<i>For Elevated Installation >35' To 40', Add</i>	26.30	
			<i>For Elevated Installation >40', Add</i>	28.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33	13-0275	EA	4" x 4" Long, Rigid Galvanized Steel (RGS) Nipple	96.57	34.24
			<i>For Work In Restricted Working Space, Add</i>	20.54	
			<i>For Elevated Installation >10' To 15', Add</i>	6.85	
			<i>For Elevated Installation >15' To 20', Add</i>	13.69	
			<i>For Elevated Installation >20' To 25', Add</i>	17.12	
			<i>For Elevated Installation >25' To 30', Add</i>	23.96	
			<i>For Elevated Installation >30' To 35', Add</i>	27.39	
			<i>For Elevated Installation >35' To 40', Add</i>	34.24	
			<i>For Elevated Installation >40', Add</i>	37.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33	13-0276	EA	1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	15.65	6.45
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Elevated Installation >10' To 15', Add</i>	1.29	
			<i>For Elevated Installation >15' To 20', Add</i>	2.58	
			<i>For Elevated Installation >20' To 25', Add</i>	3.23	
			<i>For Elevated Installation >25' To 30', Add</i>	4.52	
			<i>For Elevated Installation >30' To 35', Add</i>	5.16	
			<i>For Elevated Installation >35' To 40', Add</i>	6.45	
			<i>For Elevated Installation >40', Add</i>	7.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-0277	EA	3/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	18.18	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Elevated Installation >10' To 15', Add</i>	1.49	
			<i>For Elevated Installation >15' To 20', Add</i>	2.98	
			<i>For Elevated Installation >20' To 25', Add</i>	3.72	
			<i>For Elevated Installation >25' To 30', Add</i>	5.21	
			<i>For Elevated Installation >30' To 35', Add</i>	5.95	
			<i>For Elevated Installation >35' To 40', Add</i>	7.44	
			<i>For Elevated Installation >40', Add</i>	8.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-0278	EA	1" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	23.51	9.43
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.77	
			<i>For Elevated Installation >20' To 25', Add</i>	4.71	
			<i>For Elevated Installation >25' To 30', Add</i>	6.60	
			<i>For Elevated Installation >30' To 35', Add</i>	7.54	
			<i>For Elevated Installation >35' To 40', Add</i>	9.43	
			<i>For Elevated Installation >40', Add</i>	10.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-0279	EA	1-1/4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	27.67	10.92
			<i>For Work In Restricted Working Space, Add</i>	6.55	
			<i>For Elevated Installation >10' To 15', Add</i>	2.18	
			<i>For Elevated Installation >15' To 20', Add</i>	4.37	
			<i>For Elevated Installation >20' To 25', Add</i>	5.46	
			<i>For Elevated Installation >25' To 30', Add</i>	7.64	
			<i>For Elevated Installation >30' To 35', Add</i>	8.73	
			<i>For Elevated Installation >35' To 40', Add</i>	10.92	
			<i>For Elevated Installation >40', Add</i>	12.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-0280	EA	1-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	31.97	12.41
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-0281	EA	2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple	37.51	13.89
			<i>For Work In Restricted Working Space, Add</i>	8.34	
			<i>For Elevated Installation >10' To 15', Add</i>	2.78	
			<i>For Elevated Installation >15' To 20', Add</i>	5.56	
			<i>For Elevated Installation >20' To 25', Add</i>	6.95	
			<i>For Elevated Installation >25' To 30', Add</i>	9.73	
			<i>For Elevated Installation >30' To 35', Add</i>	11.12	
			<i>For Elevated Installation >35' To 40', Add</i>	13.90	
			<i>For Elevated Installation >40', Add</i>	15.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0282 EA 2-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	53.75	16.87
For Work In Restricted Working Space, Add	10.12	
For Elevated Installation >10' To 15', Add	3.37	
For Elevated Installation >15' To 20', Add	6.75	
For Elevated Installation >20' To 25', Add	8.44	
For Elevated Installation >25' To 30', Add	11.81	
For Elevated Installation >30' To 35', Add	13.50	
For Elevated Installation >35' To 40', Add	16.87	
For Elevated Installation >40', Add	18.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.12	
26 05 33 13-0283 EA 3" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	70.55	23.32
For Work In Restricted Working Space, Add	13.99	
For Elevated Installation >10' To 15', Add	4.66	
For Elevated Installation >15' To 20', Add	9.33	
For Elevated Installation >20' To 25', Add	11.66	
For Elevated Installation >25' To 30', Add	16.32	
For Elevated Installation >30' To 35', Add	18.66	
For Elevated Installation >35' To 40', Add	23.32	
For Elevated Installation >40', Add	25.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.99	
26 05 33 13-0284 EA 3-1/2" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	80.94	26.29
For Work In Restricted Working Space, Add	15.78	
For Elevated Installation >10' To 15', Add	5.26	
For Elevated Installation >15' To 20', Add	10.52	
For Elevated Installation >20' To 25', Add	13.15	
For Elevated Installation >25' To 30', Add	18.41	
For Elevated Installation >30' To 35', Add	21.04	
For Elevated Installation >35' To 40', Add	26.30	
For Elevated Installation >40', Add	28.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	15.78	
26 05 33 13-0285 EA 4" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	101.42	34.24
For Work In Restricted Working Space, Add	20.54	
For Elevated Installation >10' To 15', Add	6.85	
For Elevated Installation >15' To 20', Add	13.69	
For Elevated Installation >20' To 25', Add	17.12	
For Elevated Installation >25' To 30', Add	23.96	
For Elevated Installation >30' To 35', Add	27.39	
For Elevated Installation >35' To 40', Add	34.24	
For Elevated Installation >40', Add	37.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.54	
26 05 33 13-0286 EA 5" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	158.23	47.13
For Work In Restricted Working Space, Add	28.28	
For Elevated Installation >10' To 15', Add	9.43	
For Elevated Installation >15' To 20', Add	18.85	
For Elevated Installation >20' To 25', Add	23.57	
For Elevated Installation >25' To 30', Add	32.99	
For Elevated Installation >30' To 35', Add	37.71	
For Elevated Installation >35' To 40', Add	47.14	
For Elevated Installation >40', Add	51.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.28	
26 05 33 13-0287 EA 6" x 5" Long, Rigid Galvanized Steel (RGS) Nipple.....	200.66	60.43
For Work In Restricted Working Space, Add	36.29	
For Elevated Installation >10' To 15', Add	12.10	
For Elevated Installation >15' To 20', Add	24.19	
For Elevated Installation >20' To 25', Add	30.24	
For Elevated Installation >25' To 30', Add	42.33	
For Elevated Installation >30' To 35', Add	48.38	
For Elevated Installation >35' To 40', Add	60.48	
For Elevated Installation >40', Add	66.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.29	
26 05 33 13-0288 EA 1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	16.19	6.45
For Work In Restricted Working Space, Add	3.87	
For Elevated Installation >10' To 15', Add	1.29	
For Elevated Installation >15' To 20', Add	2.58	
For Elevated Installation >20' To 25', Add	3.23	
For Elevated Installation >25' To 30', Add	4.52	
For Elevated Installation >30' To 35', Add	5.16	
For Elevated Installation >35' To 40', Add	6.45	
For Elevated Installation >40', Add	7.10	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.87	
26 05 33 13-0289 EA 3/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	18.72	7.44
For Work In Restricted Working Space, Add	4.46	
For Elevated Installation >10' To 15', Add	1.49	
For Elevated Installation >15' To 20', Add	2.98	
For Elevated Installation >20' To 25', Add	3.72	
For Elevated Installation >25' To 30', Add	5.21	
For Elevated Installation >30' To 35', Add	5.95	
For Elevated Installation >35' To 40', Add	7.44	
For Elevated Installation >40', Add	8.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.46	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0290	EA	1" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	23.94	9.43
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.77	
			<i>For Elevated Installation >20' To 25', Add</i>	4.71	
			<i>For Elevated Installation >25' To 30', Add</i>	6.60	
			<i>For Elevated Installation >30' To 35', Add</i>	7.54	
			<i>For Elevated Installation >35' To 40', Add</i>	9.43	
			<i>For Elevated Installation >40', Add</i>	10.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-0291	EA	1-1/4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	28.40	10.92
			<i>For Work In Restricted Working Space, Add</i>	6.55	
			<i>For Elevated Installation >10' To 15', Add</i>	2.18	
			<i>For Elevated Installation >15' To 20', Add</i>	4.37	
			<i>For Elevated Installation >20' To 25', Add</i>	5.46	
			<i>For Elevated Installation >25' To 30', Add</i>	7.64	
			<i>For Elevated Installation >30' To 35', Add</i>	8.73	
			<i>For Elevated Installation >35' To 40', Add</i>	10.92	
			<i>For Elevated Installation >40', Add</i>	12.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-0292	EA	1-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	33.61	12.41
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-0293	EA	2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	38.90	13.89
			<i>For Work In Restricted Working Space, Add</i>	8.34	
			<i>For Elevated Installation >10' To 15', Add</i>	2.78	
			<i>For Elevated Installation >15' To 20', Add</i>	5.56	
			<i>For Elevated Installation >20' To 25', Add</i>	6.95	
			<i>For Elevated Installation >25' To 30', Add</i>	9.73	
			<i>For Elevated Installation >30' To 35', Add</i>	11.12	
			<i>For Elevated Installation >35' To 40', Add</i>	13.90	
			<i>For Elevated Installation >40', Add</i>	15.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33	13-0294	EA	2-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	56.45	16.87
			<i>For Work In Restricted Working Space, Add</i>	10.12	
			<i>For Elevated Installation >10' To 15', Add</i>	3.37	
			<i>For Elevated Installation >15' To 20', Add</i>	6.75	
			<i>For Elevated Installation >20' To 25', Add</i>	8.44	
			<i>For Elevated Installation >25' To 30', Add</i>	11.81	
			<i>For Elevated Installation >30' To 35', Add</i>	13.50	
			<i>For Elevated Installation >35' To 40', Add</i>	16.87	
			<i>For Elevated Installation >40', Add</i>	18.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33	13-0295	EA	3" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	73.94	23.32
			<i>For Work In Restricted Working Space, Add</i>	13.99	
			<i>For Elevated Installation >10' To 15', Add</i>	4.66	
			<i>For Elevated Installation >15' To 20', Add</i>	9.33	
			<i>For Elevated Installation >20' To 25', Add</i>	11.66	
			<i>For Elevated Installation >25' To 30', Add</i>	16.32	
			<i>For Elevated Installation >30' To 35', Add</i>	18.66	
			<i>For Elevated Installation >35' To 40', Add</i>	23.32	
			<i>For Elevated Installation >40', Add</i>	25.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33	13-0296	EA	3-1/2" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	84.99	26.29
			<i>For Work In Restricted Working Space, Add</i>	15.78	
			<i>For Elevated Installation >10' To 15', Add</i>	5.26	
			<i>For Elevated Installation >15' To 20', Add</i>	10.52	
			<i>For Elevated Installation >20' To 25', Add</i>	13.15	
			<i>For Elevated Installation >25' To 30', Add</i>	18.41	
			<i>For Elevated Installation >30' To 35', Add</i>	21.04	
			<i>For Elevated Installation >35' To 40', Add</i>	26.30	
			<i>For Elevated Installation >40', Add</i>	28.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33	13-0297	EA	4" x 6" Long, Rigid Galvanized Steel (RGS) Nipple	105.27	34.24
			<i>For Work In Restricted Working Space, Add</i>	20.54	
			<i>For Elevated Installation >10' To 15', Add</i>	6.85	
			<i>For Elevated Installation >15' To 20', Add</i>	13.69	
			<i>For Elevated Installation >20' To 25', Add</i>	17.12	
			<i>For Elevated Installation >25' To 30', Add</i>	23.96	
			<i>For Elevated Installation >30' To 35', Add</i>	27.39	
			<i>For Elevated Installation >35' To 40', Add</i>	34.24	
			<i>For Elevated Installation >40', Add</i>	37.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0298 EA 5" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	163.87	47.13
<i>For Work In Restricted Working Space, Add</i>	28.28	
<i>For Elevated Installation >10' To 15', Add</i>	9.43	
<i>For Elevated Installation >15' To 20', Add</i>	18.85	
<i>For Elevated Installation >20' To 25', Add</i>	23.57	
<i>For Elevated Installation >25' To 30', Add</i>	32.99	
<i>For Elevated Installation >30' To 35', Add</i>	37.71	
<i>For Elevated Installation >35' To 40', Add</i>	47.14	
<i>For Elevated Installation >40', Add</i>	51.85	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33 13-0299 EA 6" x 6" Long, Rigid Galvanized Steel (RGS) Nipple.....	208.92	60.43
<i>For Work In Restricted Working Space, Add</i>	36.29	
<i>For Elevated Installation >10' To 15', Add</i>	12.10	
<i>For Elevated Installation >15' To 20', Add</i>	24.19	
<i>For Elevated Installation >20' To 25', Add</i>	30.24	
<i>For Elevated Installation >25' To 30', Add</i>	42.33	
<i>For Elevated Installation >30' To 35', Add</i>	48.38	
<i>For Elevated Installation >35' To 40', Add</i>	60.48	
<i>For Elevated Installation >40', Add</i>	66.52	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.29	
26 05 33 13-0300 EA 1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	18.14	6.45
<i>For Work In Restricted Working Space, Add</i>	3.87	
<i>For Elevated Installation >10' To 15', Add</i>	1.29	
<i>For Elevated Installation >15' To 20', Add</i>	2.58	
<i>For Elevated Installation >20' To 25', Add</i>	3.23	
<i>For Elevated Installation >25' To 30', Add</i>	4.52	
<i>For Elevated Installation >30' To 35', Add</i>	5.16	
<i>For Elevated Installation >35' To 40', Add</i>	6.45	
<i>For Elevated Installation >40', Add</i>	7.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-0301 EA 3/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	21.22	7.44
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Elevated Installation >10' To 15', Add</i>	1.49	
<i>For Elevated Installation >15' To 20', Add</i>	2.98	
<i>For Elevated Installation >20' To 25', Add</i>	3.72	
<i>For Elevated Installation >25' To 30', Add</i>	5.21	
<i>For Elevated Installation >30' To 35', Add</i>	5.95	
<i>For Elevated Installation >35' To 40', Add</i>	7.44	
<i>For Elevated Installation >40', Add</i>	8.18	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-0302 EA 1" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	26.88	9.43
<i>For Work In Restricted Working Space, Add</i>	5.66	
<i>For Elevated Installation >10' To 15', Add</i>	1.89	
<i>For Elevated Installation >15' To 20', Add</i>	3.77	
<i>For Elevated Installation >20' To 25', Add</i>	4.71	
<i>For Elevated Installation >25' To 30', Add</i>	6.60	
<i>For Elevated Installation >30' To 35', Add</i>	7.54	
<i>For Elevated Installation >35' To 40', Add</i>	9.43	
<i>For Elevated Installation >40', Add</i>	10.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-0303 EA 1-1/4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	32.58	10.92
<i>For Work In Restricted Working Space, Add</i>	6.55	
<i>For Elevated Installation >10' To 15', Add</i>	2.18	
<i>For Elevated Installation >15' To 20', Add</i>	4.37	
<i>For Elevated Installation >20' To 25', Add</i>	5.46	
<i>For Elevated Installation >25' To 30', Add</i>	7.64	
<i>For Elevated Installation >30' To 35', Add</i>	8.73	
<i>For Elevated Installation >35' To 40', Add</i>	10.92	
<i>For Elevated Installation >40', Add</i>	12.01	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-0304 EA 1-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	38.28	12.41
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-0305 EA 2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple.....	43.82	13.89
<i>For Work In Restricted Working Space, Add</i>	8.34	
<i>For Elevated Installation >10' To 15', Add</i>	2.78	
<i>For Elevated Installation >15' To 20', Add</i>	5.56	
<i>For Elevated Installation >20' To 25', Add</i>	6.95	
<i>For Elevated Installation >25' To 30', Add</i>	9.73	
<i>For Elevated Installation >30' To 35', Add</i>	11.12	
<i>For Elevated Installation >35' To 40', Add</i>	13.90	
<i>For Elevated Installation >40', Add</i>	15.28	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0306	EA	2-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	63.61	16.87
			<i>For Work In Restricted Working Space, Add</i>	10.12	
			<i>For Elevated Installation >10' To 15', Add</i>	3.37	
			<i>For Elevated Installation >15' To 20', Add</i>	6.75	
			<i>For Elevated Installation >20' To 25', Add</i>	8.44	
			<i>For Elevated Installation >25' To 30', Add</i>	11.81	
			<i>For Elevated Installation >30' To 35', Add</i>	13.50	
			<i>For Elevated Installation >35' To 40', Add</i>	16.87	
			<i>For Elevated Installation >40', Add</i>	18.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33	13-0307	EA	3" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	83.16	23.32
			<i>For Work In Restricted Working Space, Add</i>	13.99	
			<i>For Elevated Installation >10' To 15', Add</i>	4.66	
			<i>For Elevated Installation >15' To 20', Add</i>	9.33	
			<i>For Elevated Installation >20' To 25', Add</i>	11.66	
			<i>For Elevated Installation >25' To 30', Add</i>	16.32	
			<i>For Elevated Installation >30' To 35', Add</i>	18.66	
			<i>For Elevated Installation >35' To 40', Add</i>	23.32	
			<i>For Elevated Installation >40', Add</i>	25.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33	13-0308	EA	3-1/2" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	93.19	26.29
			<i>For Work In Restricted Working Space, Add</i>	15.78	
			<i>For Elevated Installation >10' To 15', Add</i>	5.26	
			<i>For Elevated Installation >15' To 20', Add</i>	10.52	
			<i>For Elevated Installation >20' To 25', Add</i>	13.15	
			<i>For Elevated Installation >25' To 30', Add</i>	18.41	
			<i>For Elevated Installation >30' To 35', Add</i>	21.04	
			<i>For Elevated Installation >35' To 40', Add</i>	26.30	
			<i>For Elevated Installation >40', Add</i>	28.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33	13-0309	EA	4" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	114.33	34.24
			<i>For Work In Restricted Working Space, Add</i>	20.54	
			<i>For Elevated Installation >10' To 15', Add</i>	6.85	
			<i>For Elevated Installation >15' To 20', Add</i>	13.69	
			<i>For Elevated Installation >20' To 25', Add</i>	17.12	
			<i>For Elevated Installation >25' To 30', Add</i>	23.96	
			<i>For Elevated Installation >30' To 35', Add</i>	27.39	
			<i>For Elevated Installation >35' To 40', Add</i>	34.24	
			<i>For Elevated Installation >40', Add</i>	37.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33	13-0310	EA	5" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	176.94	47.13
			<i>For Work In Restricted Working Space, Add</i>	28.28	
			<i>For Elevated Installation >10' To 15', Add</i>	9.43	
			<i>For Elevated Installation >15' To 20', Add</i>	18.85	
			<i>For Elevated Installation >20' To 25', Add</i>	23.57	
			<i>For Elevated Installation >25' To 30', Add</i>	32.99	
			<i>For Elevated Installation >30' To 35', Add</i>	37.71	
			<i>For Elevated Installation >35' To 40', Add</i>	47.14	
			<i>For Elevated Installation >40', Add</i>	51.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33	13-0311	EA	6" x 8" Long, Rigid Galvanized Steel (RGS) Nipple	223.59	60.43
			<i>For Work In Restricted Working Space, Add</i>	36.29	
			<i>For Elevated Installation >10' To 15', Add</i>	12.10	
			<i>For Elevated Installation >15' To 20', Add</i>	24.19	
			<i>For Elevated Installation >20' To 25', Add</i>	30.24	
			<i>For Elevated Installation >25' To 30', Add</i>	42.33	
			<i>For Elevated Installation >30' To 35', Add</i>	48.38	
			<i>For Elevated Installation >35' To 40', Add</i>	60.48	
			<i>For Elevated Installation >40', Add</i>	66.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.29	
26 05 33	13-0312	EA	1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	19.46	6.45
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Elevated Installation >10' To 15', Add</i>	1.29	
			<i>For Elevated Installation >15' To 20', Add</i>	2.58	
			<i>For Elevated Installation >20' To 25', Add</i>	3.23	
			<i>For Elevated Installation >25' To 30', Add</i>	4.52	
			<i>For Elevated Installation >30' To 35', Add</i>	5.16	
			<i>For Elevated Installation >35' To 40', Add</i>	6.45	
			<i>For Elevated Installation >40', Add</i>	7.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-0313	EA	3/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	22.50	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Elevated Installation >10' To 15', Add</i>	1.49	
			<i>For Elevated Installation >15' To 20', Add</i>	2.98	
			<i>For Elevated Installation >20' To 25', Add</i>	3.72	
			<i>For Elevated Installation >25' To 30', Add</i>	5.21	
			<i>For Elevated Installation >30' To 35', Add</i>	5.95	
			<i>For Elevated Installation >35' To 40', Add</i>	7.44	
			<i>For Elevated Installation >40', Add</i>	8.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0314 EA 1" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	29.21	9.43
<i>For Work In Restricted Working Space, Add</i>	5.66	
<i>For Elevated Installation >10' To 15', Add</i>	1.89	
<i>For Elevated Installation >15' To 20', Add</i>	3.77	
<i>For Elevated Installation >20' To 25', Add</i>	4.71	
<i>For Elevated Installation >25' To 30', Add</i>	6.60	
<i>For Elevated Installation >30' To 35', Add</i>	7.54	
<i>For Elevated Installation >35' To 40', Add</i>	9.43	
<i>For Elevated Installation >40', Add</i>	10.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-0315 EA 1-1/4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	35.36	10.92
<i>For Work In Restricted Working Space, Add</i>	6.55	
<i>For Elevated Installation >10' To 15', Add</i>	2.18	
<i>For Elevated Installation >15' To 20', Add</i>	4.37	
<i>For Elevated Installation >20' To 25', Add</i>	5.46	
<i>For Elevated Installation >25' To 30', Add</i>	7.64	
<i>For Elevated Installation >30' To 35', Add</i>	8.73	
<i>For Elevated Installation >35' To 40', Add</i>	10.92	
<i>For Elevated Installation >40', Add</i>	12.01	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-0316 EA 1-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	41.01	12.41
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-0317 EA 2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	46.99	13.89
<i>For Work In Restricted Working Space, Add</i>	8.34	
<i>For Elevated Installation >10' To 15', Add</i>	2.78	
<i>For Elevated Installation >15' To 20', Add</i>	5.56	
<i>For Elevated Installation >20' To 25', Add</i>	6.95	
<i>For Elevated Installation >25' To 30', Add</i>	9.73	
<i>For Elevated Installation >30' To 35', Add</i>	11.12	
<i>For Elevated Installation >35' To 40', Add</i>	13.90	
<i>For Elevated Installation >40', Add</i>	15.28	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33 13-0318 EA 2-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	68.43	16.87
<i>For Work In Restricted Working Space, Add</i>	10.12	
<i>For Elevated Installation >10' To 15', Add</i>	3.37	
<i>For Elevated Installation >15' To 20', Add</i>	6.75	
<i>For Elevated Installation >20' To 25', Add</i>	8.44	
<i>For Elevated Installation >25' To 30', Add</i>	11.81	
<i>For Elevated Installation >30' To 35', Add</i>	13.50	
<i>For Elevated Installation >35' To 40', Add</i>	16.87	
<i>For Elevated Installation >40', Add</i>	18.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33 13-0319 EA 3" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	88.62	23.32
<i>For Work In Restricted Working Space, Add</i>	13.99	
<i>For Elevated Installation >10' To 15', Add</i>	4.66	
<i>For Elevated Installation >15' To 20', Add</i>	9.33	
<i>For Elevated Installation >20' To 25', Add</i>	11.66	
<i>For Elevated Installation >25' To 30', Add</i>	16.32	
<i>For Elevated Installation >30' To 35', Add</i>	18.66	
<i>For Elevated Installation >35' To 40', Add</i>	23.32	
<i>For Elevated Installation >40', Add</i>	25.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33 13-0320 EA 3-1/2" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	101.70	26.29
<i>For Work In Restricted Working Space, Add</i>	15.78	
<i>For Elevated Installation >10' To 15', Add</i>	5.26	
<i>For Elevated Installation >15' To 20', Add</i>	10.52	
<i>For Elevated Installation >20' To 25', Add</i>	13.15	
<i>For Elevated Installation >25' To 30', Add</i>	18.41	
<i>For Elevated Installation >30' To 35', Add</i>	21.04	
<i>For Elevated Installation >35' To 40', Add</i>	26.30	
<i>For Elevated Installation >40', Add</i>	28.92	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33 13-0321 EA 4" x 10" Long, Rigid Galvanized Steel (RGS) Nipple.....	125.11	34.24
<i>For Work In Restricted Working Space, Add</i>	20.54	
<i>For Elevated Installation >10' To 15', Add</i>	6.85	
<i>For Elevated Installation >15' To 20', Add</i>	13.69	
<i>For Elevated Installation >20' To 25', Add</i>	17.12	
<i>For Elevated Installation >25' To 30', Add</i>	23.96	
<i>For Elevated Installation >30' To 35', Add</i>	27.39	
<i>For Elevated Installation >35' To 40', Add</i>	34.24	
<i>For Elevated Installation >40', Add</i>	37.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0322	EA	5" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	191.19	47.13
			<i>For Work In Restricted Working Space, Add</i>	28.28	
			<i>For Elevated Installation >10' To 15', Add</i>	9.43	
			<i>For Elevated Installation >15' To 20', Add</i>	18.85	
			<i>For Elevated Installation >20' To 25', Add</i>	23.57	
			<i>For Elevated Installation >25' To 30', Add</i>	32.99	
			<i>For Elevated Installation >30' To 35', Add</i>	37.71	
			<i>For Elevated Installation >35' To 40', Add</i>	47.14	
			<i>For Elevated Installation >40', Add</i>	51.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33	13-0323	EA	6" x 10" Long, Rigid Galvanized Steel (RGS) Nipple	249.23	60.43
			<i>For Work In Restricted Working Space, Add</i>	36.29	
			<i>For Elevated Installation >10' To 15', Add</i>	12.10	
			<i>For Elevated Installation >15' To 20', Add</i>	24.19	
			<i>For Elevated Installation >20' To 25', Add</i>	30.24	
			<i>For Elevated Installation >25' To 30', Add</i>	42.33	
			<i>For Elevated Installation >30' To 35', Add</i>	48.38	
			<i>For Elevated Installation >35' To 40', Add</i>	60.48	
			<i>For Elevated Installation >40', Add</i>	66.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.29	
26 05 33	13-0324	EA	1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	20.46	6.45
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For Elevated Installation >10' To 15', Add</i>	1.29	
			<i>For Elevated Installation >15' To 20', Add</i>	2.58	
			<i>For Elevated Installation >20' To 25', Add</i>	3.23	
			<i>For Elevated Installation >25' To 30', Add</i>	4.52	
			<i>For Elevated Installation >30' To 35', Add</i>	5.16	
			<i>For Elevated Installation >35' To 40', Add</i>	6.45	
			<i>For Elevated Installation >40', Add</i>	7.10	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-0325	EA	3/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	23.44	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Elevated Installation >10' To 15', Add</i>	1.49	
			<i>For Elevated Installation >15' To 20', Add</i>	2.98	
			<i>For Elevated Installation >20' To 25', Add</i>	3.72	
			<i>For Elevated Installation >25' To 30', Add</i>	5.21	
			<i>For Elevated Installation >30' To 35', Add</i>	5.95	
			<i>For Elevated Installation >35' To 40', Add</i>	7.44	
			<i>For Elevated Installation >40', Add</i>	8.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-0326	EA	1" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	30.62	9.43
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.77	
			<i>For Elevated Installation >20' To 25', Add</i>	4.71	
			<i>For Elevated Installation >25' To 30', Add</i>	6.60	
			<i>For Elevated Installation >30' To 35', Add</i>	7.54	
			<i>For Elevated Installation >35' To 40', Add</i>	9.43	
			<i>For Elevated Installation >40', Add</i>	10.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-0327	EA	1-1/4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	37.58	10.92
			<i>For Work In Restricted Working Space, Add</i>	6.55	
			<i>For Elevated Installation >10' To 15', Add</i>	2.18	
			<i>For Elevated Installation >15' To 20', Add</i>	4.37	
			<i>For Elevated Installation >20' To 25', Add</i>	5.46	
			<i>For Elevated Installation >25' To 30', Add</i>	7.64	
			<i>For Elevated Installation >30' To 35', Add</i>	8.73	
			<i>For Elevated Installation >35' To 40', Add</i>	10.92	
			<i>For Elevated Installation >40', Add</i>	12.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-0328	EA	1-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	42.38	12.41
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-0329	EA	2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple	49.65	13.89
			<i>For Work In Restricted Working Space, Add</i>	8.34	
			<i>For Elevated Installation >10' To 15', Add</i>	2.78	
			<i>For Elevated Installation >15' To 20', Add</i>	5.56	
			<i>For Elevated Installation >20' To 25', Add</i>	6.95	
			<i>For Elevated Installation >25' To 30', Add</i>	9.73	
			<i>For Elevated Installation >30' To 35', Add</i>	11.12	
			<i>For Elevated Installation >35' To 40', Add</i>	13.90	
			<i>For Elevated Installation >40', Add</i>	15.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0330 EA 2-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	74.09	16.87
<i>For Work In Restricted Working Space, Add</i>	10.12	
<i>For Elevated Installation >10' To 15', Add</i>	3.37	
<i>For Elevated Installation >15' To 20', Add</i>	6.75	
<i>For Elevated Installation >20' To 25', Add</i>	8.44	
<i>For Elevated Installation >25' To 30', Add</i>	11.81	
<i>For Elevated Installation >30' To 35', Add</i>	13.50	
<i>For Elevated Installation >35' To 40', Add</i>	16.87	
<i>For Elevated Installation >40', Add</i>	18.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33 13-0331 EA 3" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	97.62	23.32
<i>For Work In Restricted Working Space, Add</i>	13.99	
<i>For Elevated Installation >10' To 15', Add</i>	4.66	
<i>For Elevated Installation >15' To 20', Add</i>	9.33	
<i>For Elevated Installation >20' To 25', Add</i>	11.66	
<i>For Elevated Installation >25' To 30', Add</i>	16.32	
<i>For Elevated Installation >30' To 35', Add</i>	18.66	
<i>For Elevated Installation >35' To 40', Add</i>	23.32	
<i>For Elevated Installation >40', Add</i>	25.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33 13-0332 EA 3-1/2" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	109.99	26.29
<i>For Work In Restricted Working Space, Add</i>	15.78	
<i>For Elevated Installation >10' To 15', Add</i>	5.26	
<i>For Elevated Installation >15' To 20', Add</i>	10.52	
<i>For Elevated Installation >20' To 25', Add</i>	13.15	
<i>For Elevated Installation >25' To 30', Add</i>	18.41	
<i>For Elevated Installation >30' To 35', Add</i>	21.04	
<i>For Elevated Installation >35' To 40', Add</i>	26.30	
<i>For Elevated Installation >40', Add</i>	28.92	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33 13-0333 EA 4" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	135.91	34.24
<i>For Work In Restricted Working Space, Add</i>	20.54	
<i>For Elevated Installation >10' To 15', Add</i>	6.85	
<i>For Elevated Installation >15' To 20', Add</i>	13.69	
<i>For Elevated Installation >20' To 25', Add</i>	17.12	
<i>For Elevated Installation >25' To 30', Add</i>	23.96	
<i>For Elevated Installation >30' To 35', Add</i>	27.39	
<i>For Elevated Installation >35' To 40', Add</i>	34.24	
<i>For Elevated Installation >40', Add</i>	37.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33 13-0334 EA 5" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	211.67	47.13
<i>For Work In Restricted Working Space, Add</i>	28.28	
<i>For Elevated Installation >10' To 15', Add</i>	9.43	
<i>For Elevated Installation >15' To 20', Add</i>	18.85	
<i>For Elevated Installation >20' To 25', Add</i>	23.57	
<i>For Elevated Installation >25' To 30', Add</i>	32.99	
<i>For Elevated Installation >30' To 35', Add</i>	37.71	
<i>For Elevated Installation >35' To 40', Add</i>	47.14	
<i>For Elevated Installation >40', Add</i>	51.85	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33 13-0335 EA 6" x 12" Long, Rigid Galvanized Steel (RGS) Nipple.....	263.48	60.43
<i>For Work In Restricted Working Space, Add</i>	36.29	
<i>For Elevated Installation >10' To 15', Add</i>	12.10	
<i>For Elevated Installation >15' To 20', Add</i>	24.19	
<i>For Elevated Installation >20' To 25', Add</i>	30.24	
<i>For Elevated Installation >25' To 30', Add</i>	42.33	
<i>For Elevated Installation >30' To 35', Add</i>	48.38	
<i>For Elevated Installation >35' To 40', Add</i>	60.48	
<i>For Elevated Installation >40', Add</i>	66.52	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.29	
26 05 33 13-0336 Rigid Galvanized Steel (RGS) Off-Set Nipples (26 05 33 13-0060)		
26 05 33 13-0337 EA 1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	15.90	5.16
<i>For Work In Restricted Working Space, Add</i>	3.90	
<i>For Elevated Installation >10' To 15', Add</i>	1.30	
<i>For Elevated Installation >15' To 20', Add</i>	2.60	
<i>For Elevated Installation >20' To 25', Add</i>	3.25	
<i>For Elevated Installation >25' To 30', Add</i>	4.55	
<i>For Elevated Installation >30' To 35', Add</i>	5.20	
<i>For Elevated Installation >35' To 40', Add</i>	6.50	
<i>For Elevated Installation >40', Add</i>	7.15	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.90	
26 05 33 13-0338 EA 3/4" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	19.22	5.96
<i>For Work In Restricted Working Space, Add</i>	4.44	
<i>For Elevated Installation >10' To 15', Add</i>	1.48	
<i>For Elevated Installation >15' To 20', Add</i>	2.96	
<i>For Elevated Installation >20' To 25', Add</i>	3.70	
<i>For Elevated Installation >25' To 30', Add</i>	5.18	
<i>For Elevated Installation >30' To 35', Add</i>	5.92	
<i>For Elevated Installation >35' To 40', Add</i>	7.40	
<i>For Elevated Installation >40', Add</i>	8.14	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.44	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0339	EA		1" Rigid Galvanized Steel (RGS) Off-Set Nipple.....	23.99	7.54
			<i>For Work In Restricted Working Space, Add</i>	5.68	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.79	
			<i>For Elevated Installation >20' To 25', Add</i>	4.73	
			<i>For Elevated Installation >25' To 30', Add</i>	6.63	
			<i>For Elevated Installation >30' To 35', Add</i>	7.57	
			<i>For Elevated Installation >35' To 40', Add</i>	9.47	
			<i>For Elevated Installation >40', Add</i>	10.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.68	
26 05 33 13-0340	EA		1-1/4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	30.84	9.03
			<i>For Work In Restricted Working Space, Add</i>	6.80	
			<i>For Elevated Installation >10' To 15', Add</i>	2.27	
			<i>For Elevated Installation >15' To 20', Add</i>	4.54	
			<i>For Elevated Installation >20' To 25', Add</i>	5.67	
			<i>For Elevated Installation >25' To 30', Add</i>	7.94	
			<i>For Elevated Installation >30' To 35', Add</i>	9.07	
			<i>For Elevated Installation >35' To 40', Add</i>	11.34	
			<i>For Elevated Installation >40', Add</i>	12.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.80	
26 05 33 13-0341	EA		1-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	33.78	9.93
			<i>For Work In Restricted Working Space, Add</i>	7.45	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.97	
			<i>For Elevated Installation >20' To 25', Add</i>	6.21	
			<i>For Elevated Installation >25' To 30', Add</i>	8.69	
			<i>For Elevated Installation >30' To 35', Add</i>	9.93	
			<i>For Elevated Installation >35' To 40', Add</i>	12.42	
			<i>For Elevated Installation >40', Add</i>	13.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.45	
26 05 33 13-0342	EA		2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	44.81	12.20
			<i>For Work In Restricted Working Space, Add</i>	9.18	
			<i>For Elevated Installation >10' To 15', Add</i>	3.06	
			<i>For Elevated Installation >15' To 20', Add</i>	6.12	
			<i>For Elevated Installation >20' To 25', Add</i>	7.65	
			<i>For Elevated Installation >25' To 30', Add</i>	10.71	
			<i>For Elevated Installation >30' To 35', Add</i>	12.24	
			<i>For Elevated Installation >35' To 40', Add</i>	15.30	
			<i>For Elevated Installation >40', Add</i>	16.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.18	
26 05 33 13-0343	EA		2-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	73.32	19.85
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33 13-0344	EA		3" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	122.29	27.39
			<i>For Work In Restricted Working Space, Add</i>	20.54	
			<i>For Elevated Installation >10' To 15', Add</i>	6.85	
			<i>For Elevated Installation >15' To 20', Add</i>	13.69	
			<i>For Elevated Installation >20' To 25', Add</i>	17.12	
			<i>For Elevated Installation >25' To 30', Add</i>	23.96	
			<i>For Elevated Installation >30' To 35', Add</i>	27.39	
			<i>For Elevated Installation >35' To 40', Add</i>	34.24	
			<i>For Elevated Installation >40', Add</i>	37.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33 13-0345	EA		3-1/2" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	153.10	32.35
			<i>For Work In Restricted Working Space, Add</i>	24.13	
			<i>For Elevated Installation >10' To 15', Add</i>	8.04	
			<i>For Elevated Installation >15' To 20', Add</i>	16.09	
			<i>For Elevated Installation >20' To 25', Add</i>	20.11	
			<i>For Elevated Installation >25' To 30', Add</i>	28.15	
			<i>For Elevated Installation >30' To 35', Add</i>	32.17	
			<i>For Elevated Installation >35' To 40', Add</i>	40.22	
			<i>For Elevated Installation >40', Add</i>	44.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.13	
26 05 33 13-0346	EA		4" Rigid Galvanized Steel (RGS) Off-Set Nipple, Insulated.....	184.71	37.32
			<i>For Work In Restricted Working Space, Add</i>	27.99	
			<i>For Elevated Installation >10' To 15', Add</i>	9.33	
			<i>For Elevated Installation >15' To 20', Add</i>	18.66	
			<i>For Elevated Installation >20' To 25', Add</i>	23.32	
			<i>For Elevated Installation >25' To 30', Add</i>	32.65	
			<i>For Elevated Installation >30' To 35', Add</i>	37.32	
			<i>For Elevated Installation >35' To 40', Add</i>	46.65	
			<i>For Elevated Installation >40', Add</i>	51.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.99	

26 05 33 13-0347 Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (26 05 33 13-0060)

Note: Erickson fittings.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0348 EA 1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	42.38	15.87
For Work In Restricted Working Space, Add	11.92	
For Elevated Installation >10' To 15', Add	3.97	
For Elevated Installation >15' To 20', Add	7.95	
For Elevated Installation >20' To 25', Add	9.94	
For Elevated Installation >25' To 30', Add	13.91	
For Elevated Installation >30' To 35', Add	15.90	
For Elevated Installation >35' To 40', Add	19.87	
For Elevated Installation >40', Add	21.86	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.92	
26 05 33 13-0349 EA 3/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	47.75	17.76
For Work In Restricted Working Space, Add	13.31	
For Elevated Installation >10' To 15', Add	4.44	
For Elevated Installation >15' To 20', Add	8.87	
For Elevated Installation >20' To 25', Add	11.09	
For Elevated Installation >25' To 30', Add	15.53	
For Elevated Installation >30' To 35', Add	17.74	
For Elevated Installation >35' To 40', Add	22.18	
For Elevated Installation >40', Add	24.40	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.31	
26 05 33 13-0350 EA 1" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	55.67	19.75
For Work In Restricted Working Space, Add	14.82	
For Elevated Installation >10' To 15', Add	4.94	
For Elevated Installation >15' To 20', Add	9.88	
For Elevated Installation >20' To 25', Add	12.35	
For Elevated Installation >25' To 30', Add	17.29	
For Elevated Installation >30' To 35', Add	19.76	
For Elevated Installation >35' To 40', Add	24.71	
For Elevated Installation >40', Add	27.18	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.82	
26 05 33 13-0351 EA 1-1/4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	67.41	21.63
For Work In Restricted Working Space, Add	16.22	
For Elevated Installation >10' To 15', Add	5.41	
For Elevated Installation >15' To 20', Add	10.81	
For Elevated Installation >20' To 25', Add	13.52	
For Elevated Installation >25' To 30', Add	18.92	
For Elevated Installation >30' To 35', Add	21.63	
For Elevated Installation >35' To 40', Add	27.04	
For Elevated Installation >40', Add	29.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.22	
26 05 33 13-0352 EA 1-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	75.14	23.62
For Work In Restricted Working Space, Add	17.75	
For Elevated Installation >10' To 15', Add	5.92	
For Elevated Installation >15' To 20', Add	11.83	
For Elevated Installation >20' To 25', Add	14.79	
For Elevated Installation >25' To 30', Add	20.70	
For Elevated Installation >30' To 35', Add	23.66	
For Elevated Installation >35' To 40', Add	29.58	
For Elevated Installation >40', Add	32.53	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.75	
26 05 33 13-0353 EA 2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	96.08	25.60
For Work In Restricted Working Space, Add	19.22	
For Elevated Installation >10' To 15', Add	6.41	
For Elevated Installation >15' To 20', Add	12.81	
For Elevated Installation >20' To 25', Add	16.02	
For Elevated Installation >25' To 30', Add	22.42	
For Elevated Installation >30' To 35', Add	25.62	
For Elevated Installation >35' To 40', Add	32.03	
For Elevated Installation >40', Add	35.23	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.22	
26 05 33 13-0354 EA 2-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	153.56	31.76
For Work In Restricted Working Space, Add	23.81	
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.81	
26 05 33 13-0355 EA 3" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	211.83	39.69
For Work In Restricted Working Space, Add	29.77	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.85	
For Elevated Installation >20' To 25', Add	24.81	
For Elevated Installation >25' To 30', Add	34.73	
For Elevated Installation >30' To 35', Add	39.70	
For Elevated Installation >35' To 40', Add	49.62	
For Elevated Installation >40', Add	54.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.77	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0356	EA		3-1/2" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson)	306.66	47.64
			<i>For Work In Restricted Working Space, Add</i>	35.74	
			<i>For Elevated Installation >10' To 15', Add</i>	11.91	
			<i>For Elevated Installation >15' To 20', Add</i>	23.83	
			<i>For Elevated Installation >20' To 25', Add</i>	29.78	
			<i>For Elevated Installation >25' To 30', Add</i>	41.70	
			<i>For Elevated Installation >30' To 35', Add</i>	47.65	
			<i>For Elevated Installation >35' To 40', Add</i>	59.57	
			<i>For Elevated Installation >40', Add</i>	65.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.74	
26 05 33 13-0357	EA		4" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	349.54	51.61
			<i>For Work In Restricted Working Space, Add</i>	38.70	
			<i>For Elevated Installation >10' To 15', Add</i>	12.90	
			<i>For Elevated Installation >15' To 20', Add</i>	25.80	
			<i>For Elevated Installation >20' To 25', Add</i>	32.25	
			<i>For Elevated Installation >25' To 30', Add</i>	45.15	
			<i>For Elevated Installation >30' To 35', Add</i>	51.60	
			<i>For Elevated Installation >35' To 40', Add</i>	64.50	
			<i>For Elevated Installation >40', Add</i>	70.95	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	38.70	
26 05 33 13-0358	EA		5" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	611.38	63.51
			<i>For Work In Restricted Working Space, Add</i>	47.63	
			<i>For Elevated Installation >10' To 15', Add</i>	15.88	
			<i>For Elevated Installation >15' To 20', Add</i>	31.75	
			<i>For Elevated Installation >20' To 25', Add</i>	39.69	
			<i>For Elevated Installation >25' To 30', Add</i>	55.57	
			<i>For Elevated Installation >30' To 35', Add</i>	63.50	
			<i>For Elevated Installation >35' To 40', Add</i>	79.38	
			<i>For Elevated Installation >40', Add</i>	87.32	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.63	
26 05 33 13-0359	EA		6" Rigid Galvanized Steel (RGS) 3-Piece Conduit Coupling (Erickson).....	786.87	73.44
			<i>For Work In Restricted Working Space, Add</i>	55.07	
			<i>For Elevated Installation >10' To 15', Add</i>	18.36	
			<i>For Elevated Installation >15' To 20', Add</i>	36.71	
			<i>For Elevated Installation >20' To 25', Add</i>	45.89	
			<i>For Elevated Installation >25' To 30', Add</i>	64.25	
			<i>For Elevated Installation >30' To 35', Add</i>	73.43	
			<i>For Elevated Installation >35' To 40', Add</i>	91.79	
			<i>For Elevated Installation >40', Add</i>	100.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.07	
26 05 33 13-0360 Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connectors <small>(26 05 33 13-0060)</small>					
26 05 33 13-0361	EA		1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	27.61	7.94
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
26 05 33 13-0362	EA		3/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	31.01	8.73
			<i>For Work In Restricted Working Space, Add</i>	6.55	
			<i>For Elevated Installation >10' To 15', Add</i>	2.18	
			<i>For Elevated Installation >15' To 20', Add</i>	4.37	
			<i>For Elevated Installation >20' To 25', Add</i>	5.46	
			<i>For Elevated Installation >25' To 30', Add</i>	7.64	
			<i>For Elevated Installation >30' To 35', Add</i>	8.73	
			<i>For Elevated Installation >35' To 40', Add</i>	10.92	
			<i>For Elevated Installation >40', Add</i>	12.01	
26 05 33 13-0363	EA		1" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	35.74	9.93
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
26 05 33 13-0364	EA		1-1/4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector	41.23	10.72
			<i>For Work In Restricted Working Space, Add</i>	8.04	
			<i>For Elevated Installation >10' To 15', Add</i>	2.68	
			<i>For Elevated Installation >15' To 20', Add</i>	5.36	
			<i>For Elevated Installation >20' To 25', Add</i>	6.70	
			<i>For Elevated Installation >25' To 30', Add</i>	9.38	
			<i>For Elevated Installation >30' To 35', Add</i>	10.72	
			<i>For Elevated Installation >35' To 40', Add</i>	13.40	
			<i>For Elevated Installation >40', Add</i>	14.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0365 EA 1-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	49.89	11.90
<i>For Work In Restricted Working Space, Add</i>	8.93	
<i>For Elevated Installation >10' To 15', Add</i>	2.98	
<i>For Elevated Installation >15' To 20', Add</i>	5.95	
<i>For Elevated Installation >20' To 25', Add</i>	7.44	
<i>For Elevated Installation >25' To 30', Add</i>	10.42	
<i>For Elevated Installation >30' To 35', Add</i>	11.91	
<i>For Elevated Installation >35' To 40', Add</i>	14.89	
<i>For Elevated Installation >40', Add</i>	16.37	
26 05 33 13-0366 EA 2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	62.49	13.10
<i>For Work In Restricted Working Space, Add</i>	9.83	
<i>For Elevated Installation >10' To 15', Add</i>	3.28	
<i>For Elevated Installation >15' To 20', Add</i>	6.55	
<i>For Elevated Installation >20' To 25', Add</i>	8.19	
<i>For Elevated Installation >25' To 30', Add</i>	11.46	
<i>For Elevated Installation >30' To 35', Add</i>	13.10	
<i>For Elevated Installation >35' To 40', Add</i>	16.38	
<i>For Elevated Installation >40', Add</i>	18.01	
26 05 33 13-0367 EA 2-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	87.35	15.87
<i>For Work In Restricted Working Space, Add</i>	11.91	
<i>For Elevated Installation >10' To 15', Add</i>	3.97	
<i>For Elevated Installation >15' To 20', Add</i>	7.94	
<i>For Elevated Installation >20' To 25', Add</i>	9.92	
<i>For Elevated Installation >25' To 30', Add</i>	13.89	
<i>For Elevated Installation >30' To 35', Add</i>	15.88	
<i>For Elevated Installation >35' To 40', Add</i>	19.85	
<i>For Elevated Installation >40', Add</i>	21.83	
26 05 33 13-0368 EA 3" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	107.78	19.85
<i>For Work In Restricted Working Space, Add</i>	14.89	
<i>For Elevated Installation >10' To 15', Add</i>	4.96	
<i>For Elevated Installation >15' To 20', Add</i>	9.92	
<i>For Elevated Installation >20' To 25', Add</i>	12.41	
<i>For Elevated Installation >25' To 30', Add</i>	17.37	
<i>For Elevated Installation >30' To 35', Add</i>	19.85	
<i>For Elevated Installation >35' To 40', Add</i>	24.81	
<i>For Elevated Installation >40', Add</i>	27.29	
26 05 33 13-0369 EA 3-1/2" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	129.51	23.82
<i>For Work In Restricted Working Space, Add</i>	17.86	
<i>For Elevated Installation >10' To 15', Add</i>	5.95	
<i>For Elevated Installation >15' To 20', Add</i>	11.91	
<i>For Elevated Installation >20' To 25', Add</i>	14.89	
<i>For Elevated Installation >25' To 30', Add</i>	20.84	
<i>For Elevated Installation >30' To 35', Add</i>	23.82	
<i>For Elevated Installation >35' To 40', Add</i>	29.77	
<i>For Elevated Installation >40', Add</i>	32.75	
26 05 33 13-0370 EA 4" Rigid Galvanized Steel (RGS) To Electrical Metallic Tubing (EMT) Connector.....	147.58	25.80
<i>For Work In Restricted Working Space, Add</i>	19.35	
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
26 05 33 13-0371 Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs <small>(26 05 33 13-0060)</small>		
26 05 33 13-0372 EA 1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	22.52	8.94
<i>For Work In Restricted Working Space, Add</i>	5.36	
<i>For Elevated Installation >10' To 15', Add</i>	1.79	
<i>For Elevated Installation >15' To 20', Add</i>	3.57	
<i>For Elevated Installation >20' To 25', Add</i>	4.47	
<i>For Elevated Installation >25' To 30', Add</i>	6.25	
<i>For Elevated Installation >30' To 35', Add</i>	7.14	
<i>For Elevated Installation >35' To 40', Add</i>	8.93	
<i>For Elevated Installation >40', Add</i>	9.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33 13-0373 EA 3/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	25.11	9.93
<i>For Work In Restricted Working Space, Add</i>	5.96	
<i>For Elevated Installation >10' To 15', Add</i>	1.99	
<i>For Elevated Installation >15' To 20', Add</i>	3.97	
<i>For Elevated Installation >20' To 25', Add</i>	4.96	
<i>For Elevated Installation >25' To 30', Add</i>	6.95	
<i>For Elevated Installation >30' To 35', Add</i>	7.94	
<i>For Elevated Installation >35' To 40', Add</i>	9.93	
<i>For Elevated Installation >40', Add</i>	10.92	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33 13-0374 EA 1" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	30.98	12.41
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0375	EA	1-1/4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	38.15	14.88
			<i>For Work In Restricted Working Space, Add</i>	8.93	
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 05 33	13-0376	EA	1-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	48.90	19.85
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.89	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.91	
26 05 33	13-0377	EA	2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	56.97	22.33
			<i>For Work In Restricted Working Space, Add</i>	13.40	
			<i>For Elevated Installation >10' To 15', Add</i>	4.47	
			<i>For Elevated Installation >15' To 20', Add</i>	8.93	
			<i>For Elevated Installation >20' To 25', Add</i>	11.17	
			<i>For Elevated Installation >25' To 30', Add</i>	15.63	
			<i>For Elevated Installation >30' To 35', Add</i>	17.86	
			<i>For Elevated Installation >35' To 40', Add</i>	22.33	
			<i>For Elevated Installation >40', Add</i>	24.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.40	
26 05 33	13-0378	EA	2-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	70.52	24.81
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33	13-0379	EA	3" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	95.28	31.26
			<i>For Work In Restricted Working Space, Add</i>	18.76	
			<i>For Elevated Installation >10' To 15', Add</i>	6.25	
			<i>For Elevated Installation >15' To 20', Add</i>	12.50	
			<i>For Elevated Installation >20' To 25', Add</i>	15.63	
			<i>For Elevated Installation >25' To 30', Add</i>	21.88	
			<i>For Elevated Installation >30' To 35', Add</i>	25.01	
			<i>For Elevated Installation >35' To 40', Add</i>	31.26	
			<i>For Elevated Installation >40', Add</i>	34.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.76	
26 05 33	13-0380	EA	3-1/2" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	113.03	37.71
			<i>For Work In Restricted Working Space, Add</i>	22.63	
			<i>For Elevated Installation >10' To 15', Add</i>	7.54	
			<i>For Elevated Installation >15' To 20', Add</i>	15.08	
			<i>For Elevated Installation >20' To 25', Add</i>	18.86	
			<i>For Elevated Installation >25' To 30', Add</i>	26.40	
			<i>For Elevated Installation >30' To 35', Add</i>	30.17	
			<i>For Elevated Installation >35' To 40', Add</i>	37.71	
			<i>For Elevated Installation >40', Add</i>	41.48	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.63	
26 05 33	13-0381	EA	4" Rigid Galvanized Steel (RGS) Water Tight Conduit Hubs.....	138.90	44.66
			<i>For Work In Restricted Working Space, Add</i>	26.79	
			<i>For Elevated Installation >10' To 15', Add</i>	8.93	
			<i>For Elevated Installation >15' To 20', Add</i>	17.86	
			<i>For Elevated Installation >20' To 25', Add</i>	22.33	
			<i>For Elevated Installation >25' To 30', Add</i>	31.26	
			<i>For Elevated Installation >30' To 35', Add</i>	35.72	
			<i>For Elevated Installation >35' To 40', Add</i>	44.66	
			<i>For Elevated Installation >40', Add</i>	49.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.79	
26 05 33	13-0382		Rigid Galvanized Steel (RGS) Expansion Fittings, 4" Conduit Movement <small>(26 05 33 13-0060)</small>		
			Note: Type AX		
26 05 33	13-0383	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	99.06	15.87
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.93	
			<i>For Elevated Installation >25' To 30', Add</i>	13.90	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0384 EA 3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	112.43	17.86
For Work In Restricted Working Space, Add	13.40	
For Elevated Installation >10' To 15', Add	4.47	
For Elevated Installation >15' To 20', Add	8.93	
For Elevated Installation >20' To 25', Add	11.17	
For Elevated Installation >25' To 30', Add	15.63	
For Elevated Installation >30' To 35', Add	17.86	
For Elevated Installation >35' To 40', Add	22.33	
For Elevated Installation >40', Add	24.56	
26 05 33 13-0385 EA 1" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	132.99	19.85
For Work In Restricted Working Space, Add	14.89	
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.41	
For Elevated Installation >25' To 30', Add	17.37	
For Elevated Installation >30' To 35', Add	19.85	
For Elevated Installation >35' To 40', Add	24.81	
For Elevated Installation >40', Add	27.29	
26 05 33 13-0386 EA 1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	162.57	21.83
For Work In Restricted Working Space, Add	16.37	
For Elevated Installation >10' To 15', Add	5.46	
For Elevated Installation >15' To 20', Add	10.92	
For Elevated Installation >20' To 25', Add	13.65	
For Elevated Installation >25' To 30', Add	19.10	
For Elevated Installation >30' To 35', Add	21.83	
For Elevated Installation >35' To 40', Add	27.29	
For Elevated Installation >40', Add	30.02	
26 05 33 13-0387 EA 1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	203.85	23.82
For Work In Restricted Working Space, Add	17.86	
For Elevated Installation >10' To 15', Add	5.95	
For Elevated Installation >15' To 20', Add	11.91	
For Elevated Installation >20' To 25', Add	14.89	
For Elevated Installation >25' To 30', Add	20.84	
For Elevated Installation >30' To 35', Add	23.82	
For Elevated Installation >35' To 40', Add	29.77	
For Elevated Installation >40', Add	32.75	
26 05 33 13-0388 EA 2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	280.96	25.80
For Work In Restricted Working Space, Add	19.35	
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.12	
For Elevated Installation >25' To 30', Add	22.57	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.47	
26 05 33 13-0389 EA 2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	429.31	31.76
For Work In Restricted Working Space, Add	23.81	
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
26 05 33 13-0390 EA 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	549.94	39.69
For Work In Restricted Working Space, Add	29.77	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.85	
For Elevated Installation >20' To 25', Add	24.81	
For Elevated Installation >25' To 30', Add	34.73	
For Elevated Installation >30' To 35', Add	39.70	
For Elevated Installation >35' To 40', Add	49.62	
For Elevated Installation >40', Add	54.58	
26 05 33 13-0391 EA 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	801.61	47.64
For Work In Restricted Working Space, Add	35.73	
For Elevated Installation >10' To 15', Add	11.91	
For Elevated Installation >15' To 20', Add	23.82	
For Elevated Installation >20' To 25', Add	29.78	
For Elevated Installation >25' To 30', Add	41.69	
For Elevated Installation >30' To 35', Add	47.64	
For Elevated Installation >35' To 40', Add	59.55	
For Elevated Installation >40', Add	65.51	
26 05 33 13-0392 EA 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement	854.60	51.61
For Work In Restricted Working Space, Add	38.70	
For Elevated Installation >10' To 15', Add	12.90	
For Elevated Installation >15' To 20', Add	25.80	
For Elevated Installation >20' To 25', Add	32.25	
For Elevated Installation >25' To 30', Add	45.15	
For Elevated Installation >30' To 35', Add	51.60	
For Elevated Installation >35' To 40', Add	64.50	
For Elevated Installation >40', Add	70.95	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0393	EA	5" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,307.15	63.51
			<i>For Work In Restricted Working Space, Add</i>	47.63	
			<i>For Elevated Installation >10' To 15', Add</i>	15.88	
			<i>For Elevated Installation >15' To 20', Add</i>	31.76	
			<i>For Elevated Installation >20' To 25', Add</i>	39.70	
			<i>For Elevated Installation >25' To 30', Add</i>	55.57	
			<i>For Elevated Installation >30' To 35', Add</i>	63.51	
			<i>For Elevated Installation >35' To 40', Add</i>	79.39	
			<i>For Elevated Installation >40', Add</i>	87.33	
26 05 33	13-0394	EA	6" Rigid Galvanized Steel (RGS) Expansion Fitting, 4" Conduit Movement.....	1,604.85	70.46
			<i>For Work In Restricted Working Space, Add</i>	52.88	
			<i>For Elevated Installation >10' To 15', Add</i>	17.63	
			<i>For Elevated Installation >15' To 20', Add</i>	35.25	
			<i>For Elevated Installation >20' To 25', Add</i>	44.06	
			<i>For Elevated Installation >25' To 30', Add</i>	61.69	
			<i>For Elevated Installation >30' To 35', Add</i>	70.50	
			<i>For Elevated Installation >35' To 40', Add</i>	88.13	
			<i>For Elevated Installation >40', Add</i>	96.94	
26 05 33	13-0395		Rigid Galvanized Steel (RGS) Expansion Fittings, 8" Conduit Movement ^{(26 05}		
			^{33 13-0060)}		
			Note: Type AX-8		
26 05 33	13-0396	EA	1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	108.99	15.87
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.93	
			<i>For Elevated Installation >25' To 30', Add</i>	13.90	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.84	
26 05 33	13-0397	EA	3/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	121.22	17.86
			<i>For Work In Restricted Working Space, Add</i>	13.40	
			<i>For Elevated Installation >10' To 15', Add</i>	4.47	
			<i>For Elevated Installation >15' To 20', Add</i>	8.93	
			<i>For Elevated Installation >20' To 25', Add</i>	11.17	
			<i>For Elevated Installation >25' To 30', Add</i>	15.63	
			<i>For Elevated Installation >30' To 35', Add</i>	17.86	
			<i>For Elevated Installation >35' To 40', Add</i>	22.33	
			<i>For Elevated Installation >40', Add</i>	24.56	
26 05 33	13-0398	EA	1" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	146.79	19.85
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
26 05 33	13-0399	EA	1-1/4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	184.29	21.83
			<i>For Work In Restricted Working Space, Add</i>	16.37	
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.92	
			<i>For Elevated Installation >20' To 25', Add</i>	13.65	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.02	
26 05 33	13-0400	EA	1-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	247.03	23.82
			<i>For Work In Restricted Working Space, Add</i>	17.86	
			<i>For Elevated Installation >10' To 15', Add</i>	5.95	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.77	
			<i>For Elevated Installation >40', Add</i>	32.75	
26 05 33	13-0401	EA	2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement.....	301.59	25.80
			<i>For Work In Restricted Working Space, Add</i>	19.35	
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.12	
			<i>For Elevated Installation >25' To 30', Add</i>	22.57	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.47	
26 05 33	13-0402	EA	2-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	563.06	31.76
			<i>For Work In Restricted Working Space, Add</i>	23.81	
			<i>For Elevated Installation >10' To 15', Add</i>	7.94	
			<i>For Elevated Installation >15' To 20', Add</i>	15.88	
			<i>For Elevated Installation >20' To 25', Add</i>	19.85	
			<i>For Elevated Installation >25' To 30', Add</i>	27.78	
			<i>For Elevated Installation >30' To 35', Add</i>	31.75	
			<i>For Elevated Installation >35' To 40', Add</i>	39.69	
			<i>For Elevated Installation >40', Add</i>	43.66	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0403 EA 3" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	641.27	39.69
For Work In Restricted Working Space, Add	29.77	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.85	
For Elevated Installation >20' To 25', Add	24.81	
For Elevated Installation >25' To 30', Add	34.73	
For Elevated Installation >30' To 35', Add	39.70	
For Elevated Installation >35' To 40', Add	49.62	
For Elevated Installation >40', Add	54.58	
26 05 33 13-0404 EA 3-1/2" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	982.09	47.64
For Work In Restricted Working Space, Add	35.73	
For Elevated Installation >10' To 15', Add	11.91	
For Elevated Installation >15' To 20', Add	23.82	
For Elevated Installation >20' To 25', Add	29.78	
For Elevated Installation >25' To 30', Add	41.69	
For Elevated Installation >30' To 35', Add	47.64	
For Elevated Installation >35' To 40', Add	59.55	
For Elevated Installation >40', Add	65.51	
26 05 33 13-0405 EA 4" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,063.21	51.61
For Work In Restricted Working Space, Add	38.70	
For Elevated Installation >10' To 15', Add	12.90	
For Elevated Installation >15' To 20', Add	25.80	
For Elevated Installation >20' To 25', Add	32.25	
For Elevated Installation >25' To 30', Add	45.15	
For Elevated Installation >30' To 35', Add	51.60	
For Elevated Installation >35' To 40', Add	64.50	
For Elevated Installation >40', Add	70.95	
26 05 33 13-0406 EA 5" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,483.00	63.51
For Work In Restricted Working Space, Add	47.63	
For Elevated Installation >10' To 15', Add	15.88	
For Elevated Installation >15' To 20', Add	31.76	
For Elevated Installation >20' To 25', Add	39.70	
For Elevated Installation >25' To 30', Add	55.57	
For Elevated Installation >30' To 35', Add	63.51	
For Elevated Installation >35' To 40', Add	79.39	
For Elevated Installation >40', Add	87.33	
26 05 33 13-0407 EA 6" Rigid Galvanized Steel (RGS) Expansion Fitting, 8" Conduit Movement	1,831.09	70.46
For Work In Restricted Working Space, Add	52.88	
For Elevated Installation >10' To 15', Add	17.63	
For Elevated Installation >15' To 20', Add	35.25	
For Elevated Installation >20' To 25', Add	44.06	
For Elevated Installation >25' To 30', Add	61.69	
For Elevated Installation >30' To 35', Add	70.50	
For Elevated Installation >35' To 40', Add	88.13	
For Elevated Installation >40', Add	96.94	
26 05 33 13-0408 Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fittings, 8" Conduit Movement (26 05 33 13-0060)		
Note: Type EX		
26 05 33 13-0409 EA 1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	123.51	15.87
For Work In Restricted Working Space, Add	11.91	
For Elevated Installation >10' To 15', Add	3.97	
For Elevated Installation >15' To 20', Add	7.94	
For Elevated Installation >20' To 25', Add	9.93	
For Elevated Installation >25' To 30', Add	13.90	
For Elevated Installation >30' To 35', Add	15.88	
For Elevated Installation >35' To 40', Add	19.85	
For Elevated Installation >40', Add	21.84	
26 05 33 13-0410 EA 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	155.47	17.86
For Work In Restricted Working Space, Add	13.40	
For Elevated Installation >10' To 15', Add	4.47	
For Elevated Installation >15' To 20', Add	8.93	
For Elevated Installation >20' To 25', Add	11.17	
For Elevated Installation >25' To 30', Add	15.63	
For Elevated Installation >30' To 35', Add	17.86	
For Elevated Installation >35' To 40', Add	22.33	
For Elevated Installation >40', Add	24.56	
26 05 33 13-0411 EA 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	193.05	19.85
For Work In Restricted Working Space, Add	14.89	
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.41	
For Elevated Installation >25' To 30', Add	17.37	
For Elevated Installation >30' To 35', Add	19.85	
For Elevated Installation >35' To 40', Add	24.81	
For Elevated Installation >40', Add	27.29	
26 05 33 13-0412 EA 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	234.39	21.83
For Work In Restricted Working Space, Add	16.37	
For Elevated Installation >10' To 15', Add	5.46	
For Elevated Installation >15' To 20', Add	10.92	
For Elevated Installation >20' To 25', Add	13.65	
For Elevated Installation >25' To 30', Add	19.10	
For Elevated Installation >30' To 35', Add	21.83	
For Elevated Installation >35' To 40', Add	27.29	
For Elevated Installation >40', Add	30.02	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0413	EA	1-1/2"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	314.86	23.82
			<i>For Work In Restricted Working Space, Add</i>	17.86	
			<i>For Elevated Installation >10' To 15', Add</i>	5.95	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.77	
			<i>For Elevated Installation >40', Add</i>	32.75	
26 05 33 13-0414	EA	2"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	432.67	25.80
			<i>For Work In Restricted Working Space, Add</i>	19.35	
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.12	
			<i>For Elevated Installation >25' To 30', Add</i>	22.57	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.47	
26 05 33 13-0415	EA	2-1/2"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	670.97	31.76
			<i>For Work In Restricted Working Space, Add</i>	23.81	
			<i>For Elevated Installation >10' To 15', Add</i>	7.94	
			<i>For Elevated Installation >15' To 20', Add</i>	15.88	
			<i>For Elevated Installation >20' To 25', Add</i>	19.85	
			<i>For Elevated Installation >25' To 30', Add</i>	27.78	
			<i>For Elevated Installation >30' To 35', Add</i>	31.75	
			<i>For Elevated Installation >35' To 40', Add</i>	39.69	
			<i>For Elevated Installation >40', Add</i>	43.66	
26 05 33 13-0416	EA	3"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	904.01	39.69
			<i>For Work In Restricted Working Space, Add</i>	29.77	
			<i>For Elevated Installation >10' To 15', Add</i>	9.92	
			<i>For Elevated Installation >15' To 20', Add</i>	19.85	
			<i>For Elevated Installation >20' To 25', Add</i>	24.81	
			<i>For Elevated Installation >25' To 30', Add</i>	34.73	
			<i>For Elevated Installation >30' To 35', Add</i>	39.70	
			<i>For Elevated Installation >35' To 40', Add</i>	49.62	
			<i>For Elevated Installation >40', Add</i>	54.58	
26 05 33 13-0417	EA	3-1/2"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,355.80	47.64
			<i>For Work In Restricted Working Space, Add</i>	35.73	
			<i>For Elevated Installation >10' To 15', Add</i>	11.91	
			<i>For Elevated Installation >15' To 20', Add</i>	23.82	
			<i>For Elevated Installation >20' To 25', Add</i>	29.78	
			<i>For Elevated Installation >25' To 30', Add</i>	41.69	
			<i>For Elevated Installation >30' To 35', Add</i>	47.64	
			<i>For Elevated Installation >35' To 40', Add</i>	59.55	
			<i>For Elevated Installation >40', Add</i>	65.51	
26 05 33 13-0418	EA	4"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	1,403.60	51.61
			<i>For Work In Restricted Working Space, Add</i>	38.70	
			<i>For Elevated Installation >10' To 15', Add</i>	12.90	
			<i>For Elevated Installation >15' To 20', Add</i>	25.80	
			<i>For Elevated Installation >20' To 25', Add</i>	32.25	
			<i>For Elevated Installation >25' To 30', Add</i>	45.15	
			<i>For Elevated Installation >30' To 35', Add</i>	51.60	
			<i>For Elevated Installation >35' To 40', Add</i>	64.50	
			<i>For Elevated Installation >40', Add</i>	70.95	
26 05 33 13-0419	EA	5"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	2,110.45	63.51
			<i>For Work In Restricted Working Space, Add</i>	47.63	
			<i>For Elevated Installation >10' To 15', Add</i>	15.88	
			<i>For Elevated Installation >15' To 20', Add</i>	31.76	
			<i>For Elevated Installation >20' To 25', Add</i>	39.70	
			<i>For Elevated Installation >25' To 30', Add</i>	55.57	
			<i>For Elevated Installation >30' To 35', Add</i>	63.51	
			<i>For Elevated Installation >35' To 40', Add</i>	79.39	
			<i>For Elevated Installation >40', Add</i>	87.33	
26 05 33 13-0420	EA	6"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Expansion Fitting, 8" Conduit Movement.....	2,615.21	70.46
			<i>For Work In Restricted Working Space, Add</i>	52.88	
			<i>For Elevated Installation >10' To 15', Add</i>	17.63	
			<i>For Elevated Installation >15' To 20', Add</i>	35.25	
			<i>For Elevated Installation >20' To 25', Add</i>	44.06	
			<i>For Elevated Installation >25' To 30', Add</i>	61.69	
			<i>For Elevated Installation >30' To 35', Add</i>	70.50	
			<i>For Elevated Installation >35' To 40', Add</i>	88.13	
			<i>For Elevated Installation >40', Add</i>	96.94	
26 05 33 13-0421			Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fittings <small>(26 05 33 13-0060)</small>		
			Note: Type DX		
26 05 33 13-0422	EA	1/2"	Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	213.08	15.87
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.93	
			<i>For Elevated Installation >25' To 30', Add</i>	13.90	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0423 EA 3/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	253.69	17.86
For Work In Restricted Working Space, Add	13.40	
For Elevated Installation >10' To 15', Add	4.47	
For Elevated Installation >15' To 20', Add	8.93	
For Elevated Installation >20' To 25', Add	11.17	
For Elevated Installation >25' To 30', Add	15.63	
For Elevated Installation >30' To 35', Add	17.86	
For Elevated Installation >35' To 40', Add	22.33	
For Elevated Installation >40', Add	24.56	
26 05 33 13-0424 EA 1" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	306.40	19.85
For Work In Restricted Working Space, Add	14.89	
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.41	
For Elevated Installation >25' To 30', Add	17.37	
For Elevated Installation >30' To 35', Add	19.85	
For Elevated Installation >35' To 40', Add	24.81	
For Elevated Installation >40', Add	27.29	
26 05 33 13-0425 EA 1-1/4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	359.98	21.83
For Work In Restricted Working Space, Add	16.37	
For Elevated Installation >10' To 15', Add	5.46	
For Elevated Installation >15' To 20', Add	10.92	
For Elevated Installation >20' To 25', Add	13.65	
For Elevated Installation >25' To 30', Add	19.10	
For Elevated Installation >30' To 35', Add	21.83	
For Elevated Installation >35' To 40', Add	27.29	
For Elevated Installation >40', Add	30.02	
26 05 33 13-0426 EA 1-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	398.04	23.82
For Work In Restricted Working Space, Add	17.86	
For Elevated Installation >10' To 15', Add	5.95	
For Elevated Installation >15' To 20', Add	11.91	
For Elevated Installation >20' To 25', Add	14.89	
For Elevated Installation >25' To 30', Add	20.84	
For Elevated Installation >30' To 35', Add	23.82	
For Elevated Installation >35' To 40', Add	29.77	
For Elevated Installation >40', Add	32.75	
26 05 33 13-0427 EA 2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	491.40	25.80
For Work In Restricted Working Space, Add	19.35	
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.12	
For Elevated Installation >25' To 30', Add	22.57	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.47	
26 05 33 13-0428 EA 2-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	649.16	31.76
For Work In Restricted Working Space, Add	23.81	
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
26 05 33 13-0429 EA 3" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	823.20	39.69
For Work In Restricted Working Space, Add	29.77	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.85	
For Elevated Installation >20' To 25', Add	24.81	
For Elevated Installation >25' To 30', Add	34.73	
For Elevated Installation >30' To 35', Add	39.70	
For Elevated Installation >35' To 40', Add	49.62	
For Elevated Installation >40', Add	54.58	
26 05 33 13-0430 EA 3-1/2" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	926.69	47.64
For Work In Restricted Working Space, Add	35.73	
For Elevated Installation >10' To 15', Add	11.91	
For Elevated Installation >15' To 20', Add	23.82	
For Elevated Installation >20' To 25', Add	29.78	
For Elevated Installation >25' To 30', Add	41.69	
For Elevated Installation >30' To 35', Add	47.64	
For Elevated Installation >35' To 40', Add	59.55	
For Elevated Installation >40', Add	65.51	
26 05 33 13-0431 EA 4" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting.....	1,122.83	51.61
For Work In Restricted Working Space, Add	38.70	
For Elevated Installation >10' To 15', Add	12.90	
For Elevated Installation >15' To 20', Add	25.80	
For Elevated Installation >20' To 25', Add	32.25	
For Elevated Installation >25' To 30', Add	45.15	
For Elevated Installation >30' To 35', Add	51.60	
For Elevated Installation >35' To 40', Add	64.50	
For Elevated Installation >40', Add	70.95	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0432	EA		5" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	1,916.84	63.51
			<i>For Work In Restricted Working Space, Add</i>	47.63	
			<i>For Elevated Installation >10' To 15', Add</i>	15.88	
			<i>For Elevated Installation >15' To 20', Add</i>	31.76	
			<i>For Elevated Installation >20' To 25', Add</i>	39.70	
			<i>For Elevated Installation >25' To 30', Add</i>	55.57	
			<i>For Elevated Installation >30' To 35', Add</i>	63.51	
			<i>For Elevated Installation >35' To 40', Add</i>	79.39	
			<i>For Elevated Installation >40', Add</i>	87.33	
26 05 33 13-0433	EA		6" Rigid Galvanized Steel (RGS)/Intermediate Metal Conduit (IMC) Deflection Expansion Fitting	3,043.39	70.46
			<i>For Work In Restricted Working Space, Add</i>	52.88	
			<i>For Elevated Installation >10' To 15', Add</i>	17.63	
			<i>For Elevated Installation >15' To 20', Add</i>	35.25	
			<i>For Elevated Installation >20' To 25', Add</i>	44.06	
			<i>For Elevated Installation >25' To 30', Add</i>	61.69	
			<i>For Elevated Installation >30' To 35', Add</i>	70.50	
			<i>For Elevated Installation >35' To 40', Add</i>	88.13	
			<i>For Elevated Installation >40', Add</i>	96.94	
26 05 33 13-0434			Rigid Galvanized Steel (RGS) Conduit Bonding Jumpers <small>(26 05 33 13-0060)</small>		
26 05 33 13-0435	EA		1/2" To 3/4" Conduit, 14" Bonding Jumper	55.60	7.94
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
26 05 33 13-0436	EA		1" To 1-1/4" Conduit, 14" Bonding Jumper	64.17	9.93
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
26 05 33 13-0437	EA		1-1/2" To 2" Conduit, 14" Bonding Jumper	79.06	11.90
			<i>For Work In Restricted Working Space, Add</i>	8.93	
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
26 05 33 13-0438	EA		2-1/2" To 3" Conduit, 14" Bonding Jumper	110.92	15.87
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.89	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.83	
26 05 33 13-0439	EA		3-1/2" To 4" Conduit, 14" Bonding Jumper	168.02	23.82
			<i>For Work In Restricted Working Space, Add</i>	17.87	
			<i>For Elevated Installation >10' To 15', Add</i>	5.96	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.78	
			<i>For Elevated Installation >40', Add</i>	32.75	
26 05 33 13-0440	EA		5" To 6" Conduit, 14" Bonding Jumper	285.47	31.76
			<i>For Work In Restricted Working Space, Add</i>	23.81	
			<i>For Elevated Installation >10' To 15', Add</i>	7.94	
			<i>For Elevated Installation >15' To 20', Add</i>	15.88	
			<i>For Elevated Installation >20' To 25', Add</i>	19.85	
			<i>For Elevated Installation >25' To 30', Add</i>	27.78	
			<i>For Elevated Installation >30' To 35', Add</i>	31.75	
			<i>For Elevated Installation >35' To 40', Add</i>	39.69	
			<i>For Elevated Installation >40', Add</i>	43.66	
26 05 33 13-0441	EA		1/2" To 3/4" Conduit, 24" Bonding Jumper	61.72	7.94
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0442 EA 1" To 1-1/4" Conduit, 24" Bonding Jumper	71.90	9.93
For Work In Restricted Working Space, Add	7.44	
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	
26 05 33 13-0443 EA 1-1/2" To 2" Conduit, 24" Bonding Jumper	86.14	11.90
For Work In Restricted Working Space, Add	8.93	
For Elevated Installation >10' To 15', Add	2.98	
For Elevated Installation >15' To 20', Add	5.95	
For Elevated Installation >20' To 25', Add	7.44	
For Elevated Installation >25' To 30', Add	10.42	
For Elevated Installation >30' To 35', Add	11.91	
For Elevated Installation >35' To 40', Add	14.89	
For Elevated Installation >40', Add	16.37	
26 05 33 13-0444 EA 2-1/2" To 3" Conduit, 24" Bonding Jumper	120.32	15.87
For Work In Restricted Working Space, Add	11.91	
For Elevated Installation >10' To 15', Add	3.97	
For Elevated Installation >15' To 20', Add	7.94	
For Elevated Installation >20' To 25', Add	9.92	
For Elevated Installation >25' To 30', Add	13.89	
For Elevated Installation >30' To 35', Add	15.88	
For Elevated Installation >35' To 40', Add	19.85	
For Elevated Installation >40', Add	21.83	
26 05 33 13-0445 EA 3-1/2" To 4" Conduit, 24" Bonding Jumper	180.50	23.82
For Work In Restricted Working Space, Add	17.87	
For Elevated Installation >10' To 15', Add	5.96	
For Elevated Installation >15' To 20', Add	11.91	
For Elevated Installation >20' To 25', Add	14.89	
For Elevated Installation >25' To 30', Add	20.84	
For Elevated Installation >30' To 35', Add	23.82	
For Elevated Installation >35' To 40', Add	29.78	
For Elevated Installation >40', Add	32.75	
26 05 33 13-0446 EA 5" To 6" Conduit, 24" Bonding Jumper	325.72	31.76
For Work In Restricted Working Space, Add	23.81	
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
26 05 33 13-0447 Rigid Galvanized Steel (RGS) Sealing Fittings, Vertical/Horizontal <small>(26 05 33 13-0060)</small>	103.47	24.81
26 05 33 13-0448 EA 1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	14.89	24.81
For Work In Restricted Working Space, Add	14.89	
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.41	
For Elevated Installation >25' To 30', Add	17.37	
For Elevated Installation >30' To 35', Add	19.85	
For Elevated Installation >35' To 40', Add	24.81	
For Elevated Installation >40', Add	27.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.89	
26 05 33 13-0449 EA 3/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	122.78	29.77
For Work In Restricted Working Space, Add	17.86	
For Elevated Installation >10' To 15', Add	5.95	
For Elevated Installation >15' To 20', Add	11.91	
For Elevated Installation >20' To 25', Add	14.89	
For Elevated Installation >25' To 30', Add	20.84	
For Elevated Installation >30' To 35', Add	23.82	
For Elevated Installation >35' To 40', Add	29.77	
For Elevated Installation >40', Add	32.75	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.86	
26 05 33 13-0450 EA 1" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	150.74	34.73
For Work In Restricted Working Space, Add	20.84	
For Elevated Installation >10' To 15', Add	6.95	
For Elevated Installation >15' To 20', Add	13.89	
For Elevated Installation >20' To 25', Add	17.37	
For Elevated Installation >25' To 30', Add	24.31	
For Elevated Installation >30' To 35', Add	27.79	
For Elevated Installation >35' To 40', Add	34.74	
For Elevated Installation >40', Add	38.21	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.84	
26 05 33 13-0451 EA 1-1/4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	178.08	39.69
For Work In Restricted Working Space, Add	23.81	
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.81	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0452	EA		1-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	237.90	44.66
			<i>For Work In Restricted Working Space, Add</i>	26.79	
			<i>For Elevated Installation >10' To 15', Add</i>	8.93	
			<i>For Elevated Installation >15' To 20', Add</i>	17.86	
			<i>For Elevated Installation >20' To 25', Add</i>	22.33	
			<i>For Elevated Installation >25' To 30', Add</i>	31.26	
			<i>For Elevated Installation >30' To 35', Add</i>	35.72	
			<i>For Elevated Installation >35' To 40', Add</i>	44.66	
			<i>For Elevated Installation >40', Add</i>	49.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.79	
26 05 33 13-0453	EA		2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	291.76	49.62
			<i>For Work In Restricted Working Space, Add</i>	29.77	
			<i>For Elevated Installation >10' To 15', Add</i>	9.92	
			<i>For Elevated Installation >15' To 20', Add</i>	19.85	
			<i>For Elevated Installation >20' To 25', Add</i>	24.81	
			<i>For Elevated Installation >25' To 30', Add</i>	34.73	
			<i>For Elevated Installation >30' To 35', Add</i>	39.70	
			<i>For Elevated Installation >35' To 40', Add</i>	49.62	
			<i>For Elevated Installation >40', Add</i>	54.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.77	
26 05 33 13-0454	EA		2-1/2" Rigid Galvanized Steel (RGS) Conduit Sealing Fitting, Vertical/Horizontal	418.20	59.54
			<i>For Work In Restricted Working Space, Add</i>	35.73	
			<i>For Elevated Installation >10' To 15', Add</i>	11.91	
			<i>For Elevated Installation >15' To 20', Add</i>	23.82	
			<i>For Elevated Installation >20' To 25', Add</i>	29.77	
			<i>For Elevated Installation >25' To 30', Add</i>	41.68	
			<i>For Elevated Installation >30' To 35', Add</i>	47.64	
			<i>For Elevated Installation >35' To 40', Add</i>	59.55	
			<i>For Elevated Installation >40', Add</i>	65.50	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.73	
26 05 33 13-0455	EA		3" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	504.31	69.47
			<i>For Work In Restricted Working Space, Add</i>	41.68	
			<i>For Elevated Installation >10' To 15', Add</i>	13.89	
			<i>For Elevated Installation >15' To 20', Add</i>	27.79	
			<i>For Elevated Installation >20' To 25', Add</i>	34.73	
			<i>For Elevated Installation >25' To 30', Add</i>	48.63	
			<i>For Elevated Installation >30' To 35', Add</i>	55.57	
			<i>For Elevated Installation >35' To 40', Add</i>	69.47	
			<i>For Elevated Installation >40', Add</i>	76.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.68	
26 05 33 13-0456	EA		3-1/2" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal	1,212.56	79.38
			<i>For Work In Restricted Working Space, Add</i>	47.63	
			<i>For Elevated Installation >10' To 15', Add</i>	15.88	
			<i>For Elevated Installation >15' To 20', Add</i>	31.76	
			<i>For Elevated Installation >20' To 25', Add</i>	39.70	
			<i>For Elevated Installation >25' To 30', Add</i>	55.57	
			<i>For Elevated Installation >30' To 35', Add</i>	63.51	
			<i>For Elevated Installation >35' To 40', Add</i>	79.39	
			<i>For Elevated Installation >40', Add</i>	87.33	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.63	
26 05 33 13-0457	EA		4" Rigid Galvanized Steel (RGS) Sealing Fitting, Vertical/Horizontal.....	1,398.22	89.31
			<i>For Work In Restricted Working Space, Add</i>	53.59	
			<i>For Elevated Installation >10' To 15', Add</i>	17.86	
			<i>For Elevated Installation >15' To 20', Add</i>	35.73	
			<i>For Elevated Installation >20' To 25', Add</i>	44.66	
			<i>For Elevated Installation >25' To 30', Add</i>	62.52	
			<i>For Elevated Installation >30' To 35', Add</i>	71.45	
			<i>For Elevated Installation >35' To 40', Add</i>	89.32	
			<i>For Elevated Installation >40', Add</i>	98.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.59	
26 05 33 13-0458			Rigid Galvanized Steel (RGS) Threaded Couplings <small>(26 05 33 13-0060)</small>		
26 05 33 13-0459	EA		1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	13.29	5.96
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
26 05 33 13-0460	EA		3/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	18.60	8.43
			<i>For Work In Restricted Working Space, Add</i>	5.06	
			<i>For Elevated Installation >10' To 15', Add</i>	1.69	
			<i>For Elevated Installation >15' To 20', Add</i>	3.37	
			<i>For Elevated Installation >20' To 25', Add</i>	4.22	
			<i>For Elevated Installation >25' To 30', Add</i>	5.90	
			<i>For Elevated Installation >30' To 35', Add</i>	6.75	
			<i>For Elevated Installation >35' To 40', Add</i>	8.44	
			<i>For Elevated Installation >40', Add</i>	9.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0461 EA 1" Rigid Galvanized Steel (RGS) Threaded Coupling.....	24.48	10.92
<i>For Work In Restricted Working Space, Add</i>	6.55	
<i>For Elevated Installation >10' To 15', Add</i>	2.18	
<i>For Elevated Installation >15' To 20', Add</i>	4.37	
<i>For Elevated Installation >20' To 25', Add</i>	5.46	
<i>For Elevated Installation >25' To 30', Add</i>	7.64	
<i>For Elevated Installation >30' To 35', Add</i>	8.73	
<i>For Elevated Installation >35' To 40', Add</i>	10.92	
<i>For Elevated Installation >40', Add</i>	12.01	
26 05 33 13-0462 EA 1-1/4" Rigid Galvanized Steel (RGS) Threaded Coupling.....	28.15	12.41
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
26 05 33 13-0463 EA 1-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	33.95	14.88
<i>For Work In Restricted Working Space, Add</i>	8.93	
<i>For Elevated Installation >10' To 15', Add</i>	2.98	
<i>For Elevated Installation >15' To 20', Add</i>	5.95	
<i>For Elevated Installation >20' To 25', Add</i>	7.44	
<i>For Elevated Installation >25' To 30', Add</i>	10.42	
<i>For Elevated Installation >30' To 35', Add</i>	11.91	
<i>For Elevated Installation >35' To 40', Add</i>	14.89	
<i>For Elevated Installation >40', Add</i>	16.37	
26 05 33 13-0464 EA 2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	39.98	16.87
<i>For Work In Restricted Working Space, Add</i>	10.13	
<i>For Elevated Installation >10' To 15', Add</i>	3.38	
<i>For Elevated Installation >15' To 20', Add</i>	6.75	
<i>For Elevated Installation >20' To 25', Add</i>	8.44	
<i>For Elevated Installation >25' To 30', Add</i>	11.81	
<i>For Elevated Installation >30' To 35', Add</i>	13.50	
<i>For Elevated Installation >35' To 40', Add</i>	16.88	
<i>For Elevated Installation >40', Add</i>	18.56	
26 05 33 13-0465 EA 2-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	51.70	18.85
<i>For Work In Restricted Working Space, Add</i>	11.31	
<i>For Elevated Installation >10' To 15', Add</i>	3.77	
<i>For Elevated Installation >15' To 20', Add</i>	7.54	
<i>For Elevated Installation >20' To 25', Add</i>	9.43	
<i>For Elevated Installation >25' To 30', Add</i>	13.20	
<i>For Elevated Installation >30' To 35', Add</i>	15.08	
<i>For Elevated Installation >35' To 40', Add</i>	18.86	
<i>For Elevated Installation >40', Add</i>	20.74	
26 05 33 13-0466 EA 3" Rigid Galvanized Steel (RGS) Threaded Coupling.....	60.86	21.34
<i>For Work In Restricted Working Space, Add</i>	12.80	
<i>For Elevated Installation >10' To 15', Add</i>	4.27	
<i>For Elevated Installation >15' To 20', Add</i>	8.53	
<i>For Elevated Installation >20' To 25', Add</i>	10.67	
<i>For Elevated Installation >25' To 30', Add</i>	14.93	
<i>For Elevated Installation >30' To 35', Add</i>	17.07	
<i>For Elevated Installation >35' To 40', Add</i>	21.34	
<i>For Elevated Installation >40', Add</i>	23.47	
26 05 33 13-0467 EA 3-1/2" Rigid Galvanized Steel (RGS) Threaded Coupling.....	71.22	23.32
<i>For Work In Restricted Working Space, Add</i>	13.99	
<i>For Elevated Installation >10' To 15', Add</i>	4.66	
<i>For Elevated Installation >15' To 20', Add</i>	9.33	
<i>For Elevated Installation >20' To 25', Add</i>	11.66	
<i>For Elevated Installation >25' To 30', Add</i>	16.32	
<i>For Elevated Installation >30' To 35', Add</i>	18.66	
<i>For Elevated Installation >35' To 40', Add</i>	23.32	
<i>For Elevated Installation >40', Add</i>	25.65	
26 05 33 13-0468 EA 4" Threaded Rigid Galvanized Steel (RGS) Coupling.....	75.22	24.81
<i>For Work In Restricted Working Space, Add</i>	14.89	
<i>For Elevated Installation >10' To 15', Add</i>	4.96	
<i>For Elevated Installation >15' To 20', Add</i>	9.92	
<i>For Elevated Installation >20' To 25', Add</i>	12.41	
<i>For Elevated Installation >25' To 30', Add</i>	17.37	
<i>For Elevated Installation >30' To 35', Add</i>	19.85	
<i>For Elevated Installation >35' To 40', Add</i>	24.81	
<i>For Elevated Installation >40', Add</i>	27.29	
26 05 33 13-0469 Rigid Galvanized Steel (RGS) Sealing Locknut <small>(26 05 33 13-0060)</small>		
26 05 33 13-0470 EA 1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	3.21	0.99
26 05 33 13-0471 EA 3/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	4.39	1.48
26 05 33 13-0472 EA 1" Rigid Galvanized Steel (RGS) Sealing Locknut.....	7.29	2.48
26 05 33 13-0473 EA 1-1/4" Rigid Galvanized Steel (RGS) Sealing Locknut.....	10.59	3.47
26 05 33 13-0474 EA 1-1/2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	12.74	3.97
26 05 33 13-0475 EA 2" Rigid Galvanized Steel (RGS) Sealing Locknut.....	15.06	4.46
26 05 33 13-0476 Rigid Galvanized Steel (RGS) Fire Stop Fittings <small>(26 05 33 13-0060)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0477	EA	1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	244.63	12.04
			<i>For Work In Restricted Working Space, Add</i>	9.03	
			<i>For Elevated Installation >10' To 15', Add</i>	3.01	
			<i>For Elevated Installation >15' To 20', Add</i>	6.02	
			<i>For Elevated Installation >20' To 25', Add</i>	7.53	
			<i>For Elevated Installation >25' To 30', Add</i>	10.54	
			<i>For Elevated Installation >30' To 35', Add</i>	12.04	
			<i>For Elevated Installation >35' To 40', Add</i>	15.06	
			<i>For Elevated Installation >40', Add</i>	16.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.03	
26 05 33	13-0478	EA	3/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	247.53	13.20
			<i>For Work In Restricted Working Space, Add</i>	9.90	
			<i>For Elevated Installation >10' To 15', Add</i>	3.30	
			<i>For Elevated Installation >15' To 20', Add</i>	6.60	
			<i>For Elevated Installation >20' To 25', Add</i>	8.25	
			<i>For Elevated Installation >25' To 30', Add</i>	11.55	
			<i>For Elevated Installation >30' To 35', Add</i>	13.20	
			<i>For Elevated Installation >35' To 40', Add</i>	16.51	
			<i>For Elevated Installation >40', Add</i>	18.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.90	
26 05 33	13-0479	EA	1" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	298.70	14.49
			<i>For Work In Restricted Working Space, Add</i>	10.85	
			<i>For Elevated Installation >10' To 15', Add</i>	3.62	
			<i>For Elevated Installation >15' To 20', Add</i>	7.23	
			<i>For Elevated Installation >20' To 25', Add</i>	9.04	
			<i>For Elevated Installation >25' To 30', Add</i>	12.65	
			<i>For Elevated Installation >30' To 35', Add</i>	14.46	
			<i>For Elevated Installation >35' To 40', Add</i>	18.08	
			<i>For Elevated Installation >40', Add</i>	19.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.85	
26 05 33	13-0480	EA	1-1/4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	327.89	15.87
			<i>For Work In Restricted Working Space, Add</i>	11.92	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.95	
			<i>For Elevated Installation >20' To 25', Add</i>	9.93	
			<i>For Elevated Installation >25' To 30', Add</i>	13.91	
			<i>For Elevated Installation >30' To 35', Add</i>	15.89	
			<i>For Elevated Installation >35' To 40', Add</i>	19.87	
			<i>For Elevated Installation >40', Add</i>	21.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.92	
26 05 33	13-0481	EA	1-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	374.44	17.86
			<i>For Work In Restricted Working Space, Add</i>	13.40	
			<i>For Elevated Installation >10' To 15', Add</i>	4.47	
			<i>For Elevated Installation >15' To 20', Add</i>	8.93	
			<i>For Elevated Installation >20' To 25', Add</i>	11.17	
			<i>For Elevated Installation >25' To 30', Add</i>	15.63	
			<i>For Elevated Installation >30' To 35', Add</i>	17.86	
			<i>For Elevated Installation >35' To 40', Add</i>	22.33	
			<i>For Elevated Installation >40', Add</i>	24.56	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.40	
26 05 33	13-0482	EA	2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	561.92	19.85
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.93	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.86	
			<i>For Elevated Installation >35' To 40', Add</i>	24.82	
			<i>For Elevated Installation >40', Add</i>	27.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33	13-0483	EA	2-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	642.52	26.50
			<i>For Work In Restricted Working Space, Add</i>	19.86	
			<i>For Elevated Installation >10' To 15', Add</i>	6.62	
			<i>For Elevated Installation >15' To 20', Add</i>	13.24	
			<i>For Elevated Installation >20' To 25', Add</i>	16.55	
			<i>For Elevated Installation >25' To 30', Add</i>	23.17	
			<i>For Elevated Installation >30' To 35', Add</i>	26.48	
			<i>For Elevated Installation >35' To 40', Add</i>	33.10	
			<i>For Elevated Installation >40', Add</i>	36.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.86	
26 05 33	13-0484	EA	3" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	713.10	29.07
			<i>For Work In Restricted Working Space, Add</i>	21.82	
			<i>For Elevated Installation >10' To 15', Add</i>	7.27	
			<i>For Elevated Installation >15' To 20', Add</i>	14.55	
			<i>For Elevated Installation >20' To 25', Add</i>	18.19	
			<i>For Elevated Installation >25' To 30', Add</i>	25.46	
			<i>For Elevated Installation >30' To 35', Add</i>	29.10	
			<i>For Elevated Installation >35' To 40', Add</i>	36.37	
			<i>For Elevated Installation >40', Add</i>	40.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0485 EA 3-1/2" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	831.82	31.76
<i>For Work In Restricted Working Space, Add</i>	23.82	
<i>For Elevated Installation >10' To 15', Add</i>	7.94	
<i>For Elevated Installation >15' To 20', Add</i>	15.88	
<i>For Elevated Installation >20' To 25', Add</i>	19.85	
<i>For Elevated Installation >25' To 30', Add</i>	27.79	
<i>For Elevated Installation >30' To 35', Add</i>	31.76	
<i>For Elevated Installation >35' To 40', Add</i>	39.70	
<i>For Elevated Installation >40', Add</i>	43.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.82	
26 05 33 13-0486 EA 4" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	937.78	35.72
<i>For Work In Restricted Working Space, Add</i>	26.79	
<i>For Elevated Installation >10' To 15', Add</i>	8.93	
<i>For Elevated Installation >15' To 20', Add</i>	17.86	
<i>For Elevated Installation >20' To 25', Add</i>	22.33	
<i>For Elevated Installation >25' To 30', Add</i>	31.26	
<i>For Elevated Installation >30' To 35', Add</i>	35.72	
<i>For Elevated Installation >35' To 40', Add</i>	44.66	
<i>For Elevated Installation >40', Add</i>	49.12	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.79	
26 05 33 13-0487 EA 5" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	1,267.89	39.69
<i>For Work In Restricted Working Space, Add</i>	29.77	
<i>For Elevated Installation >10' To 15', Add</i>	9.92	
<i>For Elevated Installation >15' To 20', Add</i>	19.85	
<i>For Elevated Installation >20' To 25', Add</i>	24.81	
<i>For Elevated Installation >25' To 30', Add</i>	34.73	
<i>For Elevated Installation >30' To 35', Add</i>	39.70	
<i>For Elevated Installation >35' To 40', Add</i>	49.62	
<i>For Elevated Installation >40', Add</i>	54.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.77	
26 05 33 13-0488 EA 6" Rigid Galvanized Steel (RGS) Fire Stop Fitting.....	1,582.97	44.06
<i>For Work In Restricted Working Space, Add</i>	33.05	
<i>For Elevated Installation >10' To 15', Add</i>	11.02	
<i>For Elevated Installation >15' To 20', Add</i>	22.03	
<i>For Elevated Installation >20' To 25', Add</i>	27.54	
<i>For Elevated Installation >25' To 30', Add</i>	38.55	
<i>For Elevated Installation >30' To 35', Add</i>	44.06	
<i>For Elevated Installation >35' To 40', Add</i>	55.08	
<i>For Elevated Installation >40', Add</i>	60.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.05	
26 05 33 13-0489 Rigid Galvanized Steel (RGS) Reducing Bushings <small>(26 05 33 13-0060)</small>		
26 05 33 13-0490 EA 3/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	16.33	7.69
<i>For Work In Restricted Working Space, Add</i>	4.61	
<i>For Elevated Installation >10' To 15', Add</i>	1.54	
<i>For Elevated Installation >15' To 20', Add</i>	3.08	
<i>For Elevated Installation >20' To 25', Add</i>	3.85	
<i>For Elevated Installation >25' To 30', Add</i>	5.38	
<i>For Elevated Installation >30' To 35', Add</i>	6.15	
<i>For Elevated Installation >35' To 40', Add</i>	7.69	
<i>For Elevated Installation >40', Add</i>	8.46	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.61	
26 05 33 13-0491 EA 1" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	18.12	8.18
<i>For Work In Restricted Working Space, Add</i>	4.91	
<i>For Elevated Installation >10' To 15', Add</i>	1.64	
<i>For Elevated Installation >15' To 20', Add</i>	3.28	
<i>For Elevated Installation >20' To 25', Add</i>	4.10	
<i>For Elevated Installation >25' To 30', Add</i>	5.73	
<i>For Elevated Installation >30' To 35', Add</i>	6.55	
<i>For Elevated Installation >35' To 40', Add</i>	8.19	
<i>For Elevated Installation >40', Add</i>	9.01	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.91	
26 05 33 13-0492 EA 1" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	18.61	8.43
<i>For Work In Restricted Working Space, Add</i>	5.06	
<i>For Elevated Installation >10' To 15', Add</i>	1.69	
<i>For Elevated Installation >15' To 20', Add</i>	3.37	
<i>For Elevated Installation >20' To 25', Add</i>	4.22	
<i>For Elevated Installation >25' To 30', Add</i>	5.90	
<i>For Elevated Installation >30' To 35', Add</i>	6.75	
<i>For Elevated Installation >35' To 40', Add</i>	8.44	
<i>For Elevated Installation >40', Add</i>	9.28	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.06	
26 05 33 13-0493 EA 1-1/4" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	21.88	8.68
<i>For Work In Restricted Working Space, Add</i>	5.21	
<i>For Elevated Installation >10' To 15', Add</i>	1.74	
<i>For Elevated Installation >15' To 20', Add</i>	3.47	
<i>For Elevated Installation >20' To 25', Add</i>	4.34	
<i>For Elevated Installation >25' To 30', Add</i>	6.08	
<i>For Elevated Installation >30' To 35', Add</i>	6.95	
<i>For Elevated Installation >35' To 40', Add</i>	8.69	
<i>For Elevated Installation >40', Add</i>	9.55	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.21	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0494	EA	1-1/4" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	22.37	8.94
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Elevated Installation >10' To 15', Add</i>	1.79	
			<i>For Elevated Installation >15' To 20', Add</i>	3.57	
			<i>For Elevated Installation >20' To 25', Add</i>	4.47	
			<i>For Elevated Installation >25' To 30', Add</i>	6.25	
			<i>For Elevated Installation >30' To 35', Add</i>	7.14	
			<i>For Elevated Installation >35' To 40', Add</i>	8.93	
			<i>For Elevated Installation >40', Add</i>	9.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33	13-0495	EA	1-1/4" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	23.36	9.43
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.77	
			<i>For Elevated Installation >20' To 25', Add</i>	4.71	
			<i>For Elevated Installation >25' To 30', Add</i>	6.60	
			<i>For Elevated Installation >30' To 35', Add</i>	7.54	
			<i>For Elevated Installation >35' To 40', Add</i>	9.43	
			<i>For Elevated Installation >40', Add</i>	10.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-0496	EA	1-1/2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	25.31	9.93
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33	13-0497	EA	1-1/2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	25.81	10.17
			<i>For Work In Restricted Working Space, Add</i>	6.11	
			<i>For Elevated Installation >10' To 15', Add</i>	2.04	
			<i>For Elevated Installation >15' To 20', Add</i>	4.07	
			<i>For Elevated Installation >20' To 25', Add</i>	5.09	
			<i>For Elevated Installation >25' To 30', Add</i>	7.12	
			<i>For Elevated Installation >30' To 35', Add</i>	8.14	
			<i>For Elevated Installation >35' To 40', Add</i>	10.18	
			<i>For Elevated Installation >40', Add</i>	11.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.11	
26 05 33	13-0498	EA	1-1/2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing	26.80	10.67
			<i>For Work In Restricted Working Space, Add</i>	6.40	
			<i>For Elevated Installation >10' To 15', Add</i>	2.13	
			<i>For Elevated Installation >15' To 20', Add</i>	4.27	
			<i>For Elevated Installation >20' To 25', Add</i>	5.34	
			<i>For Elevated Installation >25' To 30', Add</i>	7.47	
			<i>For Elevated Installation >30' To 35', Add</i>	8.54	
			<i>For Elevated Installation >35' To 40', Add</i>	10.67	
			<i>For Elevated Installation >40', Add</i>	11.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.40	
26 05 33	13-0499	EA	1-1/2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing	27.79	11.16
			<i>For Work In Restricted Working Space, Add</i>	6.70	
			<i>For Elevated Installation >10' To 15', Add</i>	2.23	
			<i>For Elevated Installation >15' To 20', Add</i>	4.47	
			<i>For Elevated Installation >20' To 25', Add</i>	5.58	
			<i>For Elevated Installation >25' To 30', Add</i>	7.82	
			<i>For Elevated Installation >30' To 35', Add</i>	8.93	
			<i>For Elevated Installation >35' To 40', Add</i>	11.17	
			<i>For Elevated Installation >40', Add</i>	12.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.70	
26 05 33	13-0500	EA	2" x 1/2" Rigid Galvanized Steel (RGS) Reducing Bushing	34.32	11.16
			<i>For Work In Restricted Working Space, Add</i>	6.70	
			<i>For Elevated Installation >10' To 15', Add</i>	2.23	
			<i>For Elevated Installation >15' To 20', Add</i>	4.47	
			<i>For Elevated Installation >20' To 25', Add</i>	5.58	
			<i>For Elevated Installation >25' To 30', Add</i>	7.82	
			<i>For Elevated Installation >30' To 35', Add</i>	8.93	
			<i>For Elevated Installation >35' To 40', Add</i>	11.17	
			<i>For Elevated Installation >40', Add</i>	12.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.70	
26 05 33	13-0501	EA	2" x 3/4" Rigid Galvanized Steel (RGS) Reducing Bushing	34.81	11.41
			<i>For Work In Restricted Working Space, Add</i>	6.85	
			<i>For Elevated Installation >10' To 15', Add</i>	2.28	
			<i>For Elevated Installation >15' To 20', Add</i>	4.56	
			<i>For Elevated Installation >20' To 25', Add</i>	5.71	
			<i>For Elevated Installation >25' To 30', Add</i>	7.99	
			<i>For Elevated Installation >30' To 35', Add</i>	9.13	
			<i>For Elevated Installation >35' To 40', Add</i>	11.41	
			<i>For Elevated Installation >40', Add</i>	12.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0502 EA 2" x 1" Rigid Galvanized Steel (RGS) Reducing Bushing.....	35.81	11.90
<i>For Work In Restricted Working Space, Add</i>	7.15	
<i>For Elevated Installation >10' To 15', Add</i>	2.38	
<i>For Elevated Installation >15' To 20', Add</i>	4.76	
<i>For Elevated Installation >20' To 25', Add</i>	5.96	
<i>For Elevated Installation >25' To 30', Add</i>	8.34	
<i>For Elevated Installation >30' To 35', Add</i>	9.53	
<i>For Elevated Installation >35' To 40', Add</i>	11.91	
<i>For Elevated Installation >40', Add</i>	13.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.15	
26 05 33 13-0503 EA 2" x 1-1/4" Rigid Galvanized Steel (RGS) Reducing Bushing.....	36.80	12.41
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-0504 EA 2" x 1-1/2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	39.28	13.65
<i>For Work In Restricted Working Space, Add</i>	8.19	
<i>For Elevated Installation >10' To 15', Add</i>	2.73	
<i>For Elevated Installation >15' To 20', Add</i>	5.46	
<i>For Elevated Installation >20' To 25', Add</i>	6.82	
<i>For Elevated Installation >25' To 30', Add</i>	9.55	
<i>For Elevated Installation >30' To 35', Add</i>	10.92	
<i>For Elevated Installation >35' To 40', Add</i>	13.65	
<i>For Elevated Installation >40', Add</i>	15.01	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.19	
26 05 33 13-0505 EA 2-1/2" x 2" Rigid Galvanized Steel (RGS) Reducing Bushing.....	50.02	16.13
<i>For Work In Restricted Working Space, Add</i>	9.68	
<i>For Elevated Installation >10' To 15', Add</i>	3.23	
<i>For Elevated Installation >15' To 20', Add</i>	6.45	
<i>For Elevated Installation >20' To 25', Add</i>	8.06	
<i>For Elevated Installation >25' To 30', Add</i>	11.29	
<i>For Elevated Installation >30' To 35', Add</i>	12.90	
<i>For Elevated Installation >35' To 40', Add</i>	16.13	
<i>For Elevated Installation >40', Add</i>	17.74	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-0506 Rigid Galvanized Steel (RGS) Locknuts <small>(26 05 33 13-0060)</small>		
26 05 33 13-0507 EA 1/2" Rigid Galvanized Steel (RGS) Locknuts.....	2.08	0.99
<i>For Work In Restricted Working Space, Add</i>	0.60	
<i>For Elevated Installation >10' To 15', Add</i>	0.20	
<i>For Elevated Installation >15' To 20', Add</i>	0.40	
<i>For Elevated Installation >20' To 25', Add</i>	0.50	
<i>For Elevated Installation >25' To 30', Add</i>	0.70	
<i>For Elevated Installation >30' To 35', Add</i>	0.80	
<i>For Elevated Installation >35' To 40', Add</i>	1.00	
<i>For Elevated Installation >40', Add</i>	1.09	
26 05 33 13-0508 EA 3/4" Rigid Galvanized Steel (RGS) Locknuts.....	3.10	1.48
<i>For Work In Restricted Working Space, Add</i>	0.89	
<i>For Elevated Installation >10' To 15', Add</i>	0.30	
<i>For Elevated Installation >15' To 20', Add</i>	0.60	
<i>For Elevated Installation >20' To 25', Add</i>	0.75	
<i>For Elevated Installation >25' To 30', Add</i>	1.04	
<i>For Elevated Installation >30' To 35', Add</i>	1.19	
<i>For Elevated Installation >35' To 40', Add</i>	1.49	
<i>For Elevated Installation >40', Add</i>	1.64	
26 05 33 13-0509 EA 1" Rigid Galvanized Steel (RGS) Locknuts.....	5.16	2.48
<i>For Work In Restricted Working Space, Add</i>	1.49	
<i>For Elevated Installation >10' To 15', Add</i>	0.50	
<i>For Elevated Installation >15' To 20', Add</i>	0.99	
<i>For Elevated Installation >20' To 25', Add</i>	1.24	
<i>For Elevated Installation >25' To 30', Add</i>	1.74	
<i>For Elevated Installation >30' To 35', Add</i>	1.98	
<i>For Elevated Installation >35' To 40', Add</i>	2.48	
<i>For Elevated Installation >40', Add</i>	2.73	
26 05 33 13-0510 EA 1-1/4" Rigid Galvanized Steel (RGS) Locknuts.....	7.28	3.47
<i>For Work In Restricted Working Space, Add</i>	2.09	
<i>For Elevated Installation >10' To 15', Add</i>	0.70	
<i>For Elevated Installation >15' To 20', Add</i>	1.39	
<i>For Elevated Installation >20' To 25', Add</i>	1.74	
<i>For Elevated Installation >25' To 30', Add</i>	2.43	
<i>For Elevated Installation >30' To 35', Add</i>	2.78	
<i>For Elevated Installation >35' To 40', Add</i>	3.48	
<i>For Elevated Installation >40', Add</i>	3.82	
26 05 33 13-0511 EA 1-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	8.37	3.97
<i>For Work In Restricted Working Space, Add</i>	2.38	
<i>For Elevated Installation >10' To 15', Add</i>	0.79	
<i>For Elevated Installation >15' To 20', Add</i>	1.59	
<i>For Elevated Installation >20' To 25', Add</i>	1.99	
<i>For Elevated Installation >25' To 30', Add</i>	2.78	
<i>For Elevated Installation >30' To 35', Add</i>	3.18	
<i>For Elevated Installation >35' To 40', Add</i>	3.97	
<i>For Elevated Installation >40', Add</i>	4.37	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0512	EA		2" Rigid Galvanized Steel (RGS) Locknuts.....	9.47	4.46
			<i>For Work In Restricted Working Space, Add</i>	2.68	
			<i>For Elevated Installation >10' To 15', Add</i>	0.89	
			<i>For Elevated Installation >15' To 20', Add</i>	1.79	
			<i>For Elevated Installation >20' To 25', Add</i>	2.24	
			<i>For Elevated Installation >25' To 30', Add</i>	3.13	
			<i>For Elevated Installation >30' To 35', Add</i>	3.58	
			<i>For Elevated Installation >35' To 40', Add</i>	4.47	
			<i>For Elevated Installation >40', Add</i>	4.92	
26 05 33 13-0513	EA		2-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	13.32	5.96
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
26 05 33 13-0514	EA		3" Rigid Galvanized Steel (RGS) Locknuts.....	16.45	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Elevated Installation >10' To 15', Add</i>	1.49	
			<i>For Elevated Installation >15' To 20', Add</i>	2.98	
			<i>For Elevated Installation >20' To 25', Add</i>	3.72	
			<i>For Elevated Installation >25' To 30', Add</i>	5.21	
			<i>For Elevated Installation >30' To 35', Add</i>	5.95	
			<i>For Elevated Installation >35' To 40', Add</i>	7.44	
			<i>For Elevated Installation >40', Add</i>	8.18	
26 05 33 13-0515	EA		3-1/2" Rigid Galvanized Steel (RGS) Locknuts.....	19.48	8.43
			<i>For Work In Restricted Working Space, Add</i>	5.06	
			<i>For Elevated Installation >10' To 15', Add</i>	1.69	
			<i>For Elevated Installation >15' To 20', Add</i>	3.37	
			<i>For Elevated Installation >20' To 25', Add</i>	4.22	
			<i>For Elevated Installation >25' To 30', Add</i>	5.90	
			<i>For Elevated Installation >30' To 35', Add</i>	6.75	
			<i>For Elevated Installation >35' To 40', Add</i>	8.44	
			<i>For Elevated Installation >40', Add</i>	9.28	
26 05 33 13-0516	EA		4" Rigid Galvanized Steel (RGS) Locknuts.....	21.85	9.43
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.77	
			<i>For Elevated Installation >20' To 25', Add</i>	4.71	
			<i>For Elevated Installation >25' To 30', Add</i>	6.60	
			<i>For Elevated Installation >30' To 35', Add</i>	7.54	
			<i>For Elevated Installation >35' To 40', Add</i>	9.43	
			<i>For Elevated Installation >40', Add</i>	10.37	
26 05 33 13-0517			Rigid Galvanized Steel (RGS) Grounding Locknuts <small>(26 05 33 13-0060)</small>		
26 05 33 13-0518	EA		1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	3.29	0.99
			<i>For Work In Restricted Working Space, Add</i>	0.60	
			<i>For Elevated Installation >10' To 15', Add</i>	0.20	
			<i>For Elevated Installation >15' To 20', Add</i>	0.40	
			<i>For Elevated Installation >20' To 25', Add</i>	0.50	
			<i>For Elevated Installation >25' To 30', Add</i>	0.70	
			<i>For Elevated Installation >30' To 35', Add</i>	0.80	
			<i>For Elevated Installation >35' To 40', Add</i>	1.00	
			<i>For Elevated Installation >40', Add</i>	1.09	
26 05 33 13-0519	EA		3/4" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	4.54	1.48
			<i>For Work In Restricted Working Space, Add</i>	0.89	
			<i>For Elevated Installation >10' To 15', Add</i>	0.30	
			<i>For Elevated Installation >15' To 20', Add</i>	0.60	
			<i>For Elevated Installation >20' To 25', Add</i>	0.75	
			<i>For Elevated Installation >25' To 30', Add</i>	1.04	
			<i>For Elevated Installation >30' To 35', Add</i>	1.19	
			<i>For Elevated Installation >35' To 40', Add</i>	1.49	
			<i>For Elevated Installation >40', Add</i>	1.64	
26 05 33 13-0520	EA		1" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	7.19	2.48
			<i>For Work In Restricted Working Space, Add</i>	1.49	
			<i>For Elevated Installation >10' To 15', Add</i>	0.50	
			<i>For Elevated Installation >15' To 20', Add</i>	0.99	
			<i>For Elevated Installation >20' To 25', Add</i>	1.24	
			<i>For Elevated Installation >25' To 30', Add</i>	1.74	
			<i>For Elevated Installation >30' To 35', Add</i>	1.98	
			<i>For Elevated Installation >35' To 40', Add</i>	2.48	
			<i>For Elevated Installation >40', Add</i>	2.73	
26 05 33 13-0521	EA		1-1/4" Rigid Galvanized Steel (RGS) Grounding Locknuts.....	10.06	3.47
			<i>For Work In Restricted Working Space, Add</i>	2.09	
			<i>For Elevated Installation >10' To 15', Add</i>	0.70	
			<i>For Elevated Installation >15' To 20', Add</i>	1.39	
			<i>For Elevated Installation >20' To 25', Add</i>	1.74	
			<i>For Elevated Installation >25' To 30', Add</i>	2.43	
			<i>For Elevated Installation >30' To 35', Add</i>	2.78	
			<i>For Elevated Installation >35' To 40', Add</i>	3.48	
			<i>For Elevated Installation >40', Add</i>	3.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0522 EA 1-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	11.34	3.97
<i>For Work In Restricted Working Space, Add</i>	2.38	
<i>For Elevated Installation >10' To 15', Add</i>	0.79	
<i>For Elevated Installation >15' To 20', Add</i>	1.59	
<i>For Elevated Installation >20' To 25', Add</i>	1.99	
<i>For Elevated Installation >25' To 30', Add</i>	2.78	
<i>For Elevated Installation >30' To 35', Add</i>	3.18	
<i>For Elevated Installation >35' To 40', Add</i>	3.97	
<i>For Elevated Installation >40', Add</i>	4.37	
26 05 33 13-0523 EA 2" Rigid Galvanized Steel (RGS) Grounding Locknuts	13.37	4.46
<i>For Work In Restricted Working Space, Add</i>	2.68	
<i>For Elevated Installation >10' To 15', Add</i>	0.89	
<i>For Elevated Installation >15' To 20', Add</i>	1.79	
<i>For Elevated Installation >20' To 25', Add</i>	2.24	
<i>For Elevated Installation >25' To 30', Add</i>	3.13	
<i>For Elevated Installation >30' To 35', Add</i>	3.58	
<i>For Elevated Installation >35' To 40', Add</i>	4.47	
<i>For Elevated Installation >40', Add</i>	4.92	
26 05 33 13-0524 EA 2-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	20.14	5.96
<i>For Work In Restricted Working Space, Add</i>	3.57	
<i>For Elevated Installation >10' To 15', Add</i>	1.19	
<i>For Elevated Installation >15' To 20', Add</i>	2.38	
<i>For Elevated Installation >20' To 25', Add</i>	2.98	
<i>For Elevated Installation >25' To 30', Add</i>	4.17	
<i>For Elevated Installation >30' To 35', Add</i>	4.76	
<i>For Elevated Installation >35' To 40', Add</i>	5.95	
<i>For Elevated Installation >40', Add</i>	6.55	
26 05 33 13-0525 EA 3" Rigid Galvanized Steel (RGS) Grounding Locknuts	25.34	7.44
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Elevated Installation >10' To 15', Add</i>	1.49	
<i>For Elevated Installation >15' To 20', Add</i>	2.98	
<i>For Elevated Installation >20' To 25', Add</i>	3.72	
<i>For Elevated Installation >25' To 30', Add</i>	5.21	
<i>For Elevated Installation >30' To 35', Add</i>	5.95	
<i>For Elevated Installation >35' To 40', Add</i>	7.44	
<i>For Elevated Installation >40', Add</i>	8.18	
26 05 33 13-0526 EA 3-1/2" Rigid Galvanized Steel (RGS) Grounding Locknuts	33.86	8.43
<i>For Work In Restricted Working Space, Add</i>	5.06	
<i>For Elevated Installation >10' To 15', Add</i>	1.69	
<i>For Elevated Installation >15' To 20', Add</i>	3.37	
<i>For Elevated Installation >20' To 25', Add</i>	4.22	
<i>For Elevated Installation >25' To 30', Add</i>	5.90	
<i>For Elevated Installation >30' To 35', Add</i>	6.75	
<i>For Elevated Installation >35' To 40', Add</i>	8.44	
<i>For Elevated Installation >40', Add</i>	9.28	
26 05 33 13-0527 EA 4" Rigid Galvanized Steel (RGS) Grounding Locknuts	40.76	9.43
<i>For Work In Restricted Working Space, Add</i>	5.66	
<i>For Elevated Installation >10' To 15', Add</i>	1.89	
<i>For Elevated Installation >15' To 20', Add</i>	3.77	
<i>For Elevated Installation >20' To 25', Add</i>	4.71	
<i>For Elevated Installation >25' To 30', Add</i>	6.60	
<i>For Elevated Installation >30' To 35', Add</i>	7.54	
<i>For Elevated Installation >35' To 40', Add</i>	9.43	
<i>For Elevated Installation >40', Add</i>	10.37	
26 05 33 13-0528 Rigid Galvanized Steel (RGS) Insulated Ground Bushing <small>(26 05 33 13-0060)</small>		
26 05 33 13-0529 EA 1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	9.21	2.98
<i>For Work In Restricted Working Space, Add</i>	1.79	
<i>For Elevated Installation >10' To 15', Add</i>	0.60	
<i>For Elevated Installation >15' To 20', Add</i>	1.19	
<i>For Elevated Installation >20' To 25', Add</i>	1.49	
<i>For Elevated Installation >25' To 30', Add</i>	2.09	
<i>For Elevated Installation >30' To 35', Add</i>	2.38	
<i>For Elevated Installation >35' To 40', Add</i>	2.98	
<i>For Elevated Installation >40', Add</i>	3.28	
26 05 33 13-0530 EA 3/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	11.47	3.97
<i>For Work In Restricted Working Space, Add</i>	2.38	
<i>For Elevated Installation >10' To 15', Add</i>	0.79	
<i>For Elevated Installation >15' To 20', Add</i>	1.59	
<i>For Elevated Installation >20' To 25', Add</i>	1.99	
<i>For Elevated Installation >25' To 30', Add</i>	2.78	
<i>For Elevated Installation >30' To 35', Add</i>	3.18	
<i>For Elevated Installation >35' To 40', Add</i>	3.97	
<i>For Elevated Installation >40', Add</i>	4.37	
26 05 33 13-0531 EA 1" Rigid Galvanized Steel (RGS) Insulated Ground Bushing	14.68	4.96
<i>For Work In Restricted Working Space, Add</i>	2.98	
<i>For Elevated Installation >10' To 15', Add</i>	0.99	
<i>For Elevated Installation >15' To 20', Add</i>	1.99	
<i>For Elevated Installation >20' To 25', Add</i>	2.48	
<i>For Elevated Installation >25' To 30', Add</i>	3.48	
<i>For Elevated Installation >30' To 35', Add</i>	3.97	
<i>For Elevated Installation >35' To 40', Add</i>	4.97	
<i>For Elevated Installation >40', Add</i>	5.46	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0532	EA	1-1/4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	21.17	7.94
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation >10' To 15', Add</i>	1.59	
			<i>For Elevated Installation >15' To 20', Add</i>	3.17	
			<i>For Elevated Installation >20' To 25', Add</i>	3.97	
			<i>For Elevated Installation >25' To 30', Add</i>	5.55	
			<i>For Elevated Installation >30' To 35', Add</i>	6.35	
			<i>For Elevated Installation >35' To 40', Add</i>	7.94	
			<i>For Elevated Installation >40', Add</i>	8.73	
26 05 33	13-0533	EA	1-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	23.86	8.94
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Elevated Installation >10' To 15', Add</i>	1.79	
			<i>For Elevated Installation >15' To 20', Add</i>	3.57	
			<i>For Elevated Installation >20' To 25', Add</i>	4.47	
			<i>For Elevated Installation >25' To 30', Add</i>	6.25	
			<i>For Elevated Installation >30' To 35', Add</i>	7.14	
			<i>For Elevated Installation >35' To 40', Add</i>	8.93	
			<i>For Elevated Installation >40', Add</i>	9.82	
26 05 33	13-0534	EA	2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	27.21	9.93
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
26 05 33	13-0535	EA	2-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	38.04	11.90
			<i>For Work In Restricted Working Space, Add</i>	7.15	
			<i>For Elevated Installation >10' To 15', Add</i>	2.38	
			<i>For Elevated Installation >15' To 20', Add</i>	4.76	
			<i>For Elevated Installation >20' To 25', Add</i>	5.96	
			<i>For Elevated Installation >25' To 30', Add</i>	8.34	
			<i>For Elevated Installation >30' To 35', Add</i>	9.53	
			<i>For Elevated Installation >35' To 40', Add</i>	11.91	
			<i>For Elevated Installation >40', Add</i>	13.10	
26 05 33	13-0536	EA	3" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	46.06	14.88
			<i>For Work In Restricted Working Space, Add</i>	8.93	
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
26 05 33	13-0537	EA	3-1/2" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	56.52	19.85
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.89	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.83	
26 05 33	13-0538	EA	4" Rigid Galvanized Steel (RGS) Insulated Ground Bushing.....	68.65	24.81
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
26 05 33	13-0539		Rigid Galvanized Steel (RGS) Threadless Compression Connectors <small>(26 05 33 13-0060)</small>		
26 05 33	13-0540	EA	1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	21.44	8.94
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Elevated Installation >10' To 15', Add</i>	1.79	
			<i>For Elevated Installation >15' To 20', Add</i>	3.57	
			<i>For Elevated Installation >20' To 25', Add</i>	4.47	
			<i>For Elevated Installation >25' To 30', Add</i>	6.25	
			<i>For Elevated Installation >30' To 35', Add</i>	7.14	
			<i>For Elevated Installation >35' To 40', Add</i>	8.93	
			<i>For Elevated Installation >40', Add</i>	9.82	
26 05 33	13-0541	EA	3/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors.....	25.62	9.93
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0542 EA 1" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	33.82	12.41
For Work In Restricted Working Space, Add	7.44	
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	
26 05 33 13-0543 EA 1-1/4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	46.72	14.88
For Work In Restricted Working Space, Add	8.93	
For Elevated Installation >10' To 15', Add	2.98	
For Elevated Installation >15' To 20', Add	5.95	
For Elevated Installation >20' To 25', Add	7.44	
For Elevated Installation >25' To 30', Add	10.42	
For Elevated Installation >30' To 35', Add	11.91	
For Elevated Installation >35' To 40', Add	14.89	
For Elevated Installation >40', Add	16.37	
26 05 33 13-0544 EA 1-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	63.16	19.85
For Work In Restricted Working Space, Add	11.91	
For Elevated Installation >10' To 15', Add	3.97	
For Elevated Installation >15' To 20', Add	7.94	
For Elevated Installation >20' To 25', Add	9.92	
For Elevated Installation >25' To 30', Add	13.89	
For Elevated Installation >30' To 35', Add	15.88	
For Elevated Installation >35' To 40', Add	19.85	
For Elevated Installation >40', Add	21.83	
26 05 33 13-0545 EA 2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	94.66	24.81
For Work In Restricted Working Space, Add	14.89	
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.41	
For Elevated Installation >25' To 30', Add	17.37	
For Elevated Installation >30' To 35', Add	19.85	
For Elevated Installation >35' To 40', Add	24.81	
For Elevated Installation >40', Add	27.29	
26 05 33 13-0546 EA 2-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	163.44	29.77
For Work In Restricted Working Space, Add	17.86	
For Elevated Installation >10' To 15', Add	5.95	
For Elevated Installation >15' To 20', Add	11.91	
For Elevated Installation >20' To 25', Add	14.89	
For Elevated Installation >25' To 30', Add	20.84	
For Elevated Installation >30' To 35', Add	23.82	
For Elevated Installation >35' To 40', Add	29.77	
For Elevated Installation >40', Add	32.75	
26 05 33 13-0547 EA 3" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	207.21	34.73
For Work In Restricted Working Space, Add	20.84	
For Elevated Installation >10' To 15', Add	6.95	
For Elevated Installation >15' To 20', Add	13.89	
For Elevated Installation >20' To 25', Add	17.37	
For Elevated Installation >25' To 30', Add	24.31	
For Elevated Installation >30' To 35', Add	27.79	
For Elevated Installation >35' To 40', Add	34.74	
For Elevated Installation >40', Add	38.21	
26 05 33 13-0548 EA 3-1/2" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	264.35	42.18
For Work In Restricted Working Space, Add	25.31	
For Elevated Installation >10' To 15', Add	8.44	
For Elevated Installation >15' To 20', Add	16.87	
For Elevated Installation >20' To 25', Add	21.09	
For Elevated Installation >25' To 30', Add	29.52	
For Elevated Installation >30' To 35', Add	33.74	
For Elevated Installation >35' To 40', Add	42.18	
For Elevated Installation >40', Add	46.39	
26 05 33 13-0549 EA 4" Rigid Galvanized Steel (RGS) Threadless Compression Connectors	319.60	49.62
For Work In Restricted Working Space, Add	29.77	
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.85	
For Elevated Installation >20' To 25', Add	24.81	
For Elevated Installation >25' To 30', Add	34.73	
For Elevated Installation >30' To 35', Add	39.70	
For Elevated Installation >35' To 40', Add	49.62	
For Elevated Installation >40', Add	54.58	
26 05 33 13-0550 Rigid Galvanized Steel (RGS) Compression Coupling <small>(26 05 33 13-0060)</small>		
26 05 33 13-0551 EA 1/2" Rigid Galvanized Steel (RGS) Compression Coupling	30.59	12.41
For Work In Restricted Working Space, Add	7.44	
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0552	EA		3/4" Rigid Galvanized Steel (RGS) Compression Coupling	39.04	14.88
			<i>For Work In Restricted Working Space, Add</i>	8.93	
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
26 05 33 13-0553	EA		1" Rigid Galvanized Steel (RGS) Compression Coupling	55.85	19.85
			<i>For Work In Restricted Working Space, Add</i>	11.91	
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.89	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.83	
26 05 33 13-0554	EA		1-1/4" Rigid Galvanized Steel (RGS) Compression Coupling	73.54	24.81
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
26 05 33 13-0555	EA		1-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	90.68	29.77
			<i>For Work In Restricted Working Space, Add</i>	17.86	
			<i>For Elevated Installation >10' To 15', Add</i>	5.95	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.77	
			<i>For Elevated Installation >40', Add</i>	32.75	
26 05 33 13-0556	EA		2" Rigid Galvanized Steel (RGS) Compression Coupling	137.58	34.73
			<i>For Work In Restricted Working Space, Add</i>	20.84	
			<i>For Elevated Installation >10' To 15', Add</i>	6.95	
			<i>For Elevated Installation >15' To 20', Add</i>	13.89	
			<i>For Elevated Installation >20' To 25', Add</i>	17.37	
			<i>For Elevated Installation >25' To 30', Add</i>	24.31	
			<i>For Elevated Installation >30' To 35', Add</i>	27.79	
			<i>For Elevated Installation >35' To 40', Add</i>	34.74	
			<i>For Elevated Installation >40', Add</i>	38.21	
26 05 33 13-0557	EA		2-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	222.85	39.69
			<i>For Work In Restricted Working Space, Add</i>	23.81	
			<i>For Elevated Installation >10' To 15', Add</i>	7.94	
			<i>For Elevated Installation >15' To 20', Add</i>	15.88	
			<i>For Elevated Installation >20' To 25', Add</i>	19.85	
			<i>For Elevated Installation >25' To 30', Add</i>	27.78	
			<i>For Elevated Installation >30' To 35', Add</i>	31.75	
			<i>For Elevated Installation >35' To 40', Add</i>	39.69	
			<i>For Elevated Installation >40', Add</i>	43.66	
26 05 33 13-0558	EA		3" Rigid Galvanized Steel (RGS) Compression Coupling	258.55	34.24
			<i>For Work In Restricted Working Space, Add</i>	20.54	
			<i>For Elevated Installation >10' To 15', Add</i>	6.85	
			<i>For Elevated Installation >15' To 20', Add</i>	13.69	
			<i>For Elevated Installation >20' To 25', Add</i>	17.12	
			<i>For Elevated Installation >25' To 30', Add</i>	23.96	
			<i>For Elevated Installation >30' To 35', Add</i>	27.39	
			<i>For Elevated Installation >35' To 40', Add</i>	34.24	
			<i>For Elevated Installation >40', Add</i>	37.66	
26 05 33 13-0559	EA		3-1/2" Rigid Galvanized Steel (RGS) Compression Coupling	354.43	52.10
			<i>For Work In Restricted Working Space, Add</i>	31.26	
			<i>For Elevated Installation >10' To 15', Add</i>	10.42	
			<i>For Elevated Installation >15' To 20', Add</i>	20.84	
			<i>For Elevated Installation >20' To 25', Add</i>	26.05	
			<i>For Elevated Installation >25' To 30', Add</i>	36.47	
			<i>For Elevated Installation >30' To 35', Add</i>	41.68	
			<i>For Elevated Installation >35' To 40', Add</i>	52.10	
			<i>For Elevated Installation >40', Add</i>	57.31	
26 05 33 13-0560	EA		4" Rigid Galvanized Steel (RGS) Compression Coupling	439.27	59.54
			<i>For Work In Restricted Working Space, Add</i>	35.73	
			<i>For Elevated Installation >10' To 15', Add</i>	11.91	
			<i>For Elevated Installation >15' To 20', Add</i>	23.82	
			<i>For Elevated Installation >20' To 25', Add</i>	29.77	
			<i>For Elevated Installation >25' To 30', Add</i>	41.68	
			<i>For Elevated Installation >30' To 35', Add</i>	47.64	
			<i>For Elevated Installation >35' To 40', Add</i>	59.55	
			<i>For Elevated Installation >40', Add</i>	65.50	

26 05 33 13-0561 Zinc Plated Steel Snap-in Knock Out Seal (26 05 33 13-0060)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0562 EA 1/2" Zinc Plated Steel Snap-in Knock Out Seal	5.24	2.48
For Work In Restricted Working Space, Add	1.49	
For Elevated Installation >10' To 15', Add	0.50	
For Elevated Installation >15' To 20', Add	0.99	
For Elevated Installation >20' To 25', Add	1.24	
For Elevated Installation >25' To 30', Add	1.74	
For Elevated Installation >30' To 35', Add	1.98	
For Elevated Installation >35' To 40', Add	2.48	
For Elevated Installation >40', Add	2.73	
26 05 33 13-0563 EA 3/4" Zinc Plated Steel Snap-in Knock Out Seal	6.32	2.98
For Work In Restricted Working Space, Add	1.79	
For Elevated Installation >10' To 15', Add	0.60	
For Elevated Installation >15' To 20', Add	1.19	
For Elevated Installation >20' To 25', Add	1.49	
For Elevated Installation >25' To 30', Add	2.09	
For Elevated Installation >30' To 35', Add	2.38	
For Elevated Installation >35' To 40', Add	2.98	
For Elevated Installation >40', Add	3.28	
26 05 33 13-0564 EA 1" Zinc Plated Steel Snap-in Knock Out Seal	7.52	3.47
For Work In Restricted Working Space, Add	2.09	
For Elevated Installation >10' To 15', Add	0.70	
For Elevated Installation >15' To 20', Add	1.39	
For Elevated Installation >20' To 25', Add	1.74	
For Elevated Installation >25' To 30', Add	2.43	
For Elevated Installation >30' To 35', Add	2.78	
For Elevated Installation >35' To 40', Add	3.48	
For Elevated Installation >40', Add	3.82	
26 05 33 13-0565 EA 1-1/4" Zinc Plated Steel Snap-in Knock Out Seal	9.69	4.46
For Work In Restricted Working Space, Add	2.68	
For Elevated Installation >10' To 15', Add	0.89	
For Elevated Installation >15' To 20', Add	1.79	
For Elevated Installation >20' To 25', Add	2.24	
For Elevated Installation >25' To 30', Add	3.13	
For Elevated Installation >30' To 35', Add	3.58	
For Elevated Installation >35' To 40', Add	4.47	
For Elevated Installation >40', Add	4.92	
26 05 33 13-0566 EA 1-1/2" Zinc Plated Steel Snap-in Knock Out Seal	10.98	4.96
For Work In Restricted Working Space, Add	2.98	
For Elevated Installation >10' To 15', Add	0.99	
For Elevated Installation >15' To 20', Add	1.99	
For Elevated Installation >20' To 25', Add	2.48	
For Elevated Installation >25' To 30', Add	3.48	
For Elevated Installation >30' To 35', Add	3.97	
For Elevated Installation >35' To 40', Add	4.97	
For Elevated Installation >40', Add	5.46	
26 05 33 13-0567 EA 2" Zinc Plated Steel Snap-in Knock Out Seal	13.37	5.96
For Work In Restricted Working Space, Add	3.57	
For Elevated Installation >10' To 15', Add	1.19	
For Elevated Installation >15' To 20', Add	2.38	
For Elevated Installation >20' To 25', Add	2.98	
For Elevated Installation >25' To 30', Add	4.17	
For Elevated Installation >30' To 35', Add	4.76	
For Elevated Installation >35' To 40', Add	5.95	
For Elevated Installation >40', Add	6.55	
26 05 33 13-0568 Zinc Plated Steel 3-Piece Knock Out Seal <small>(26 05 33 13-0060)</small>		
26 05 33 13-0569 EA 1/2" Zinc Plated Steel 3-Piece Knock Out Seal	6.61	2.48
For Work In Restricted Working Space, Add	1.49	
For Elevated Installation >10' To 15', Add	0.50	
For Elevated Installation >15' To 20', Add	0.99	
For Elevated Installation >20' To 25', Add	1.24	
For Elevated Installation >25' To 30', Add	1.74	
For Elevated Installation >30' To 35', Add	1.98	
For Elevated Installation >35' To 40', Add	2.48	
For Elevated Installation >40', Add	2.73	
26 05 33 13-0570 EA 3/4" Zinc Plated Steel 3-Piece Knock Out Seal	7.88	2.98
For Work In Restricted Working Space, Add	1.79	
For Elevated Installation >10' To 15', Add	0.60	
For Elevated Installation >15' To 20', Add	1.19	
For Elevated Installation >20' To 25', Add	1.49	
For Elevated Installation >25' To 30', Add	2.09	
For Elevated Installation >30' To 35', Add	2.38	
For Elevated Installation >35' To 40', Add	2.98	
For Elevated Installation >40', Add	3.28	
26 05 33 13-0571 EA 1" Zinc Plated Steel 3-Piece Knock Out Seal	9.60	3.47
For Work In Restricted Working Space, Add	2.09	
For Elevated Installation >10' To 15', Add	0.70	
For Elevated Installation >15' To 20', Add	1.39	
For Elevated Installation >20' To 25', Add	1.74	
For Elevated Installation >25' To 30', Add	2.43	
For Elevated Installation >30' To 35', Add	2.78	
For Elevated Installation >35' To 40', Add	3.48	
For Elevated Installation >40', Add	3.82	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0572	EA	1-1/4" Zinc Plated Steel 3-Piece Knock Out Seal	12.35	4.46
			<i>For Work In Restricted Working Space, Add</i>	2.68	
			<i>For Elevated Installation >10' To 15', Add</i>	0.89	
			<i>For Elevated Installation >15' To 20', Add</i>	1.79	
			<i>For Elevated Installation >20' To 25', Add</i>	2.24	
			<i>For Elevated Installation >25' To 30', Add</i>	3.13	
			<i>For Elevated Installation >30' To 35', Add</i>	3.58	
			<i>For Elevated Installation >35' To 40', Add</i>	4.47	
			<i>For Elevated Installation >40', Add</i>	4.92	
26 05 33	13-0573	EA	1-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	15.37	4.96
			<i>For Work In Restricted Working Space, Add</i>	2.98	
			<i>For Elevated Installation >10' To 15', Add</i>	0.99	
			<i>For Elevated Installation >15' To 20', Add</i>	1.99	
			<i>For Elevated Installation >20' To 25', Add</i>	2.48	
			<i>For Elevated Installation >25' To 30', Add</i>	3.48	
			<i>For Elevated Installation >30' To 35', Add</i>	3.97	
			<i>For Elevated Installation >35' To 40', Add</i>	4.97	
			<i>For Elevated Installation >40', Add</i>	5.46	
26 05 33	13-0574	EA	2" Zinc Plated Steel 3-Piece Knock Out Seal	18.60	5.96
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
26 05 33	13-0575	EA	2-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	22.76	7.44
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Elevated Installation >10' To 15', Add</i>	1.49	
			<i>For Elevated Installation >15' To 20', Add</i>	2.98	
			<i>For Elevated Installation >20' To 25', Add</i>	3.72	
			<i>For Elevated Installation >25' To 30', Add</i>	5.21	
			<i>For Elevated Installation >30' To 35', Add</i>	5.95	
			<i>For Elevated Installation >35' To 40', Add</i>	7.44	
			<i>For Elevated Installation >40', Add</i>	8.18	
26 05 33	13-0576	EA	3" Zinc Plated Steel 3-Piece Knock Out Seal	26.71	8.43
			<i>For Work In Restricted Working Space, Add</i>	5.06	
			<i>For Elevated Installation >10' To 15', Add</i>	1.69	
			<i>For Elevated Installation >15' To 20', Add</i>	3.37	
			<i>For Elevated Installation >20' To 25', Add</i>	4.22	
			<i>For Elevated Installation >25' To 30', Add</i>	5.90	
			<i>For Elevated Installation >30' To 35', Add</i>	6.75	
			<i>For Elevated Installation >35' To 40', Add</i>	8.44	
			<i>For Elevated Installation >40', Add</i>	9.28	
26 05 33	13-0577	EA	3-1/2" Zinc Plated Steel 3-Piece Knock Out Seal	32.71	9.43
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.77	
			<i>For Elevated Installation >20' To 25', Add</i>	4.71	
			<i>For Elevated Installation >25' To 30', Add</i>	6.60	
			<i>For Elevated Installation >30' To 35', Add</i>	7.54	
			<i>For Elevated Installation >35' To 40', Add</i>	9.43	
			<i>For Elevated Installation >40', Add</i>	10.37	
26 05 33	13-0578	EA	4" Zinc Plated Steel 3-Piece Knock Out Seal	38.62	10.42
			<i>For Work In Restricted Working Space, Add</i>	6.25	
			<i>For Elevated Installation >10' To 15', Add</i>	2.08	
			<i>For Elevated Installation >15' To 20', Add</i>	4.17	
			<i>For Elevated Installation >20' To 25', Add</i>	5.21	
			<i>For Elevated Installation >25' To 30', Add</i>	7.29	
			<i>For Elevated Installation >30' To 35', Add</i>	8.34	
			<i>For Elevated Installation >35' To 40', Add</i>	10.42	
			<i>For Elevated Installation >40', Add</i>	11.46	
26 05 33	13-0579		Rigid Galvanized Steel (RGS) Chase Nipples <small>(26 05 33 13-0060)</small>		
26 05 33	13-0580	EA	1/2" Rigid Galvanized Steel (RGS) Chase Nipple.....	12.32	5.96
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	
26 05 33	13-0581	EA	3/4" Rigid Galvanized Steel (RGS) Chase Nipple.....	14.60	6.95
			<i>For Work In Restricted Working Space, Add</i>	4.17	
			<i>For Elevated Installation >10' To 15', Add</i>	1.39	
			<i>For Elevated Installation >15' To 20', Add</i>	2.78	
			<i>For Elevated Installation >20' To 25', Add</i>	3.47	
			<i>For Elevated Installation >25' To 30', Add</i>	4.86	
			<i>For Elevated Installation >30' To 35', Add</i>	5.56	
			<i>For Elevated Installation >35' To 40', Add</i>	6.95	
			<i>For Elevated Installation >40', Add</i>	7.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0582 EA 1" Rigid Galvanized Steel (RGS) Chase Nipple.....	18.41	8.43
<i>For Work In Restricted Working Space, Add</i>	5.06	
<i>For Elevated Installation >10' To 15', Add</i>	1.69	
<i>For Elevated Installation >15' To 20', Add</i>	3.37	
<i>For Elevated Installation >20' To 25', Add</i>	4.22	
<i>For Elevated Installation >25' To 30', Add</i>	5.90	
<i>For Elevated Installation >30' To 35', Add</i>	6.75	
<i>For Elevated Installation >35' To 40', Add</i>	8.44	
<i>For Elevated Installation >40', Add</i>	9.28	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.06	
26 05 33 13-0583 EA 1-1/4" Rigid Galvanized Steel (RGS) Chase Nipple	22.52	9.93
<i>For Work In Restricted Working Space, Add</i>	5.96	
<i>For Elevated Installation >10' To 15', Add</i>	1.99	
<i>For Elevated Installation >15' To 20', Add</i>	3.97	
<i>For Elevated Installation >20' To 25', Add</i>	4.96	
<i>For Elevated Installation >25' To 30', Add</i>	6.95	
<i>For Elevated Installation >30' To 35', Add</i>	7.94	
<i>For Elevated Installation >35' To 40', Add</i>	9.93	
<i>For Elevated Installation >40', Add</i>	10.92	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33 13-0584 EA 1-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	28.25	12.41
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-0585 EA 2" Rigid Galvanized Steel (RGS) Chase Nipple.....	35.35	14.88
<i>For Work In Restricted Working Space, Add</i>	8.93	
<i>For Elevated Installation >10' To 15', Add</i>	2.98	
<i>For Elevated Installation >15' To 20', Add</i>	5.95	
<i>For Elevated Installation >20' To 25', Add</i>	7.44	
<i>For Elevated Installation >25' To 30', Add</i>	10.42	
<i>For Elevated Installation >30' To 35', Add</i>	11.91	
<i>For Elevated Installation >35' To 40', Add</i>	14.89	
<i>For Elevated Installation >40', Add</i>	16.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 05 33 13-0586 EA 2-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	45.34	17.37
<i>For Work In Restricted Working Space, Add</i>	10.42	
<i>For Elevated Installation >10' To 15', Add</i>	3.47	
<i>For Elevated Installation >15' To 20', Add</i>	6.95	
<i>For Elevated Installation >20' To 25', Add</i>	8.68	
<i>For Elevated Installation >25' To 30', Add</i>	12.16	
<i>For Elevated Installation >30' To 35', Add</i>	13.89	
<i>For Elevated Installation >35' To 40', Add</i>	17.37	
<i>For Elevated Installation >40', Add</i>	19.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-0587 EA 3" Rigid Galvanized Steel (RGS) Chase Nipple.....	50.58	19.85
<i>For Work In Restricted Working Space, Add</i>	11.91	
<i>For Elevated Installation >10' To 15', Add</i>	3.97	
<i>For Elevated Installation >15' To 20', Add</i>	7.94	
<i>For Elevated Installation >20' To 25', Add</i>	9.92	
<i>For Elevated Installation >25' To 30', Add</i>	13.89	
<i>For Elevated Installation >30' To 35', Add</i>	15.88	
<i>For Elevated Installation >35' To 40', Add</i>	19.85	
<i>For Elevated Installation >40', Add</i>	21.83	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.91	
26 05 33 13-0588 EA 3-1/2" Rigid Galvanized Steel (RGS) Chase Nipple	63.91	22.33
<i>For Work In Restricted Working Space, Add</i>	13.40	
<i>For Elevated Installation >10' To 15', Add</i>	4.47	
<i>For Elevated Installation >15' To 20', Add</i>	8.93	
<i>For Elevated Installation >20' To 25', Add</i>	11.17	
<i>For Elevated Installation >25' To 30', Add</i>	15.63	
<i>For Elevated Installation >30' To 35', Add</i>	17.86	
<i>For Elevated Installation >35' To 40', Add</i>	22.33	
<i>For Elevated Installation >40', Add</i>	24.56	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.40	
26 05 33 13-0589 EA 4" Rigid Galvanized Steel (RGS) Chase Nipple.....	89.96	24.81
<i>For Work In Restricted Working Space, Add</i>	14.89	
<i>For Elevated Installation >10' To 15', Add</i>	4.96	
<i>For Elevated Installation >15' To 20', Add</i>	9.92	
<i>For Elevated Installation >20' To 25', Add</i>	12.41	
<i>For Elevated Installation >25' To 30', Add</i>	17.37	
<i>For Elevated Installation >30' To 35', Add</i>	19.85	
<i>For Elevated Installation >35' To 40', Add</i>	24.81	
<i>For Elevated Installation >40', Add</i>	27.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	

26 05 33 13-0590 Rigid Galvanized Steel (RGS) Pulling Elbow (26 05 33 13-0060)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0591	EA		1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	25.18	8.94
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Elevated Installation >10' To 15', Add</i>	1.79	
			<i>For Elevated Installation >15' To 20', Add</i>	3.57	
			<i>For Elevated Installation >20' To 25', Add</i>	4.47	
			<i>For Elevated Installation >25' To 30', Add</i>	6.25	
			<i>For Elevated Installation >30' To 35', Add</i>	7.14	
			<i>For Elevated Installation >35' To 40', Add</i>	8.93	
			<i>For Elevated Installation >40', Add</i>	9.82	
26 05 33 13-0592	EA		3/4" Rigid Galvanized Steel (RGS) Pulling Elbow.....	29.24	10.42
			<i>For Work In Restricted Working Space, Add</i>	6.25	
			<i>For Elevated Installation >10' To 15', Add</i>	2.08	
			<i>For Elevated Installation >15' To 20', Add</i>	4.17	
			<i>For Elevated Installation >20' To 25', Add</i>	5.21	
			<i>For Elevated Installation >25' To 30', Add</i>	7.29	
			<i>For Elevated Installation >30' To 35', Add</i>	8.34	
			<i>For Elevated Installation >35' To 40', Add</i>	10.42	
			<i>For Elevated Installation >40', Add</i>	11.46	
26 05 33 13-0593	EA		1" Rigid Galvanized Steel (RGS) Pulling Elbow.....	37.77	11.90
			<i>For Work In Restricted Working Space, Add</i>	7.15	
			<i>For Elevated Installation >10' To 15', Add</i>	2.38	
			<i>For Elevated Installation >15' To 20', Add</i>	4.76	
			<i>For Elevated Installation >20' To 25', Add</i>	5.96	
			<i>For Elevated Installation >25' To 30', Add</i>	8.34	
			<i>For Elevated Installation >30' To 35', Add</i>	9.53	
			<i>For Elevated Installation >35' To 40', Add</i>	11.91	
			<i>For Elevated Installation >40', Add</i>	13.10	
26 05 33 13-0594	EA		1-1/4" Rigid Galvanized Steel (RGS) Pulling Elbow.....	48.55	14.88
			<i>For Work In Restricted Working Space, Add</i>	8.93	
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
26 05 33 13-0595	EA		1-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	65.53	17.86
			<i>For Work In Restricted Working Space, Add</i>	10.72	
			<i>For Elevated Installation >10' To 15', Add</i>	3.57	
			<i>For Elevated Installation >15' To 20', Add</i>	7.14	
			<i>For Elevated Installation >20' To 25', Add</i>	8.93	
			<i>For Elevated Installation >25' To 30', Add</i>	12.50	
			<i>For Elevated Installation >30' To 35', Add</i>	14.29	
			<i>For Elevated Installation >35' To 40', Add</i>	17.86	
			<i>For Elevated Installation >40', Add</i>	19.65	
26 05 33 13-0596	EA		2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	88.86	20.84
			<i>For Work In Restricted Working Space, Add</i>	12.50	
			<i>For Elevated Installation >10' To 15', Add</i>	4.17	
			<i>For Elevated Installation >15' To 20', Add</i>	8.34	
			<i>For Elevated Installation >20' To 25', Add</i>	10.42	
			<i>For Elevated Installation >25' To 30', Add</i>	14.59	
			<i>For Elevated Installation >30' To 35', Add</i>	16.67	
			<i>For Elevated Installation >35' To 40', Add</i>	20.84	
			<i>For Elevated Installation >40', Add</i>	22.92	
26 05 33 13-0597	EA		2-1/2" Rigid Galvanized Steel (RGS) Pulling Elbow.....	125.53	23.82
			<i>For Work In Restricted Working Space, Add</i>	14.29	
			<i>For Elevated Installation >10' To 15', Add</i>	4.76	
			<i>For Elevated Installation >15' To 20', Add</i>	9.53	
			<i>For Elevated Installation >20' To 25', Add</i>	11.91	
			<i>For Elevated Installation >25' To 30', Add</i>	16.67	
			<i>For Elevated Installation >30' To 35', Add</i>	19.06	
			<i>For Elevated Installation >35' To 40', Add</i>	23.82	
			<i>For Elevated Installation >40', Add</i>	26.20	
26 05 33 13-0598	EA		3" Rigid Galvanized Steel (RGS) Pulling Elbow.....	224.55	29.77
			<i>For Work In Restricted Working Space, Add</i>	17.86	
			<i>For Elevated Installation >10' To 15', Add</i>	5.95	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.77	
			<i>For Elevated Installation >40', Add</i>	32.75	

26 05 33 13-0599 Electrical Metallic Tubing (EMT) Thinwall Conduit (26 05 33 13-0059)
 Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.

26 05 33 13-0600 Electrical Metallic Tubing (EMT) Thinwall Conduit (26 05 33 13-0599)
 Note: Includes field bending conduit up to and including 1".

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0601 LF 1/2" Electrical Metallic Tubing (EMT) Conduit.....	5.40	1.79
For Work In Restricted Working Space, Add	1.34	
For >1,000, Deduct	-0.43	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.12	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.67	
For >500 To 1,000, Deduct	-0.29	
For Installation In Metal Stud Wall, Add	0.45	
For Elevated Installation >10' To 15', Add	0.45	
For Elevated Installation >15' To 20', Add	0.89	
For Elevated Installation >20' To 25', Add	1.12	
For Elevated Installation >25' To 30', Add	1.56	
For Elevated Installation >30' To 35', Add	1.78	
For Elevated Installation >35' To 40', Add	2.23	
For Elevated Installation >40', Add	2.45	
For >250 To 500, Deduct	-0.05	
For Factory Applied Color Coating, Add	0.28	
26 05 33 13-0602 LF 3/4" Electrical Metallic Tubing (EMT) Conduit.....	6.43	1.99
For Work In Restricted Working Space, Add	1.49	
For >1,000, Deduct	-0.52	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.24	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.74	
For >500 To 1,000, Deduct	-0.36	
For Installation In Metal Stud Wall, Add	0.50	
For Elevated Installation >10' To 15', Add	0.50	
For Elevated Installation >15' To 20', Add	0.99	
For Elevated Installation >20' To 25', Add	1.24	
For Elevated Installation >25' To 30', Add	1.74	
For Elevated Installation >30' To 35', Add	1.98	
For Elevated Installation >35' To 40', Add	2.48	
For Elevated Installation >40', Add	2.73	
For >250 To 500, Deduct	-0.07	
For Factory Applied Color Coating, Add	0.44	
26 05 33 13-0603 LF 1" Electrical Metallic Tubing (EMT) Conduit.....	7.92	2.19
For Work In Restricted Working Space, Add	1.64	
For >1,000, Deduct	-0.66	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.37	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.82	
For >500 To 1,000, Deduct	-0.46	
For Installation In Metal Stud Wall, Add	0.55	
For Elevated Installation >10' To 15', Add	0.55	
For Elevated Installation >15' To 20', Add	1.09	
For Elevated Installation >20' To 25', Add	1.37	
For Elevated Installation >25' To 30', Add	1.91	
For Elevated Installation >30' To 35', Add	2.18	
For Elevated Installation >35' To 40', Add	2.73	
For Elevated Installation >40', Add	3.00	
For >250 To 500, Deduct	-0.12	
For Factory Applied Color Coating, Add	0.74	
26 05 33 13-0604 LF 1-1/4" Electrical Metallic Tubing (EMT) Conduit	10.03	2.46
For Work In Restricted Working Space, Add	1.85	
For >1,000, Deduct	-0.85	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.54	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.92	
For >500 To 1,000, Deduct	-0.60	
For Installation In Metal Stud Wall, Add	0.62	
For Elevated Installation >10' To 15', Add	0.62	
For Elevated Installation >15' To 20', Add	1.23	
For Elevated Installation >20' To 25', Add	1.54	
For Elevated Installation >25' To 30', Add	2.16	
For Elevated Installation >30' To 35', Add	2.46	
For Elevated Installation >35' To 40', Add	3.08	
For Elevated Installation >40', Add	3.39	
For >250 To 500, Deduct	-0.19	
For Factory Applied Color Coating, Add	1.16	
26 05 33 13-0605 LF 1-1/2" Electrical Metallic Tubing (EMT) Conduit	11.77	2.78
For Work In Restricted Working Space, Add	2.09	
For >1,000, Deduct	-1.00	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.74	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.04	
For >500 To 1,000, Deduct	-0.71	
For Installation In Metal Stud Wall, Add	0.70	
For Elevated Installation >10' To 15', Add	0.70	
For Elevated Installation >15' To 20', Add	1.39	
For Elevated Installation >20' To 25', Add	1.74	
For Elevated Installation >25' To 30', Add	2.43	
For Elevated Installation >30' To 35', Add	2.78	
For Elevated Installation >35' To 40', Add	3.48	
For Elevated Installation >40', Add	3.82	
For >250 To 500, Deduct	-0.24	
For Factory Applied Color Coating, Add	1.45	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0606	LF	2"	Electrical Metallic Tubing (EMT) Conduit.....	13.66	3.18
			<i>For Work In Restricted Working Space, Add</i>	2.38	
			<i>For >1,000, Deduct</i>	-1.17	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.99	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.19	
			<i>For >500 To 1,000, Deduct</i>	-0.83	
			<i>For Installation In Metal Stud Wall, Add</i>	0.79	
			<i>For Elevated Installation >10' To 15', Add</i>	0.79	
			<i>For Elevated Installation >15' To 20', Add</i>	1.59	
			<i>For Elevated Installation >20' To 25', Add</i>	1.99	
			<i>For Elevated Installation >25' To 30', Add</i>	2.78	
			<i>For Elevated Installation >30' To 35', Add</i>	3.18	
			<i>For Elevated Installation >35' To 40', Add</i>	3.97	
			<i>For Elevated Installation >40', Add</i>	4.37	
			<i>For >250 To 500, Deduct</i>	-0.29	
			<i>For Factory Applied Color Coating, Add</i>	1.72	
26 05 33 13-0607	LF	2-1/2"	Electrical Metallic Tubing (EMT) Conduit.....	17.90	3.77
			<i>For Work In Restricted Working Space, Add</i>	2.83	
			<i>For >1,000, Deduct</i>	-1.55	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.36	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.41	
			<i>For >500 To 1,000, Deduct</i>	-1.11	
			<i>For Installation In Metal Stud Wall, Add</i>	0.94	
			<i>For Elevated Installation >10' To 15', Add</i>	0.94	
			<i>For Elevated Installation >15' To 20', Add</i>	1.89	
			<i>For Elevated Installation >20' To 25', Add</i>	2.36	
			<i>For Elevated Installation >25' To 30', Add</i>	3.30	
			<i>For Elevated Installation >30' To 35', Add</i>	3.77	
			<i>For Elevated Installation >35' To 40', Add</i>	4.72	
			<i>For Elevated Installation >40', Add</i>	5.19	
			<i>For >250 To 500, Deduct</i>	-0.42	
			<i>For Factory Applied Color Coating, Add</i>	2.54	
26 05 33 13-0608	LF	3"	Electrical Metallic Tubing (EMT) Conduit.....	21.53	4.36
			<i>For Work In Restricted Working Space, Add</i>	3.28	
			<i>For >1,000, Deduct</i>	-1.88	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	2.73	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.64	
			<i>For >500 To 1,000, Deduct</i>	-1.34	
			<i>For Installation In Metal Stud Wall, Add</i>	1.09	
			<i>For Elevated Installation >10' To 15', Add</i>	1.09	
			<i>For Elevated Installation >15' To 20', Add</i>	2.18	
			<i>For Elevated Installation >20' To 25', Add</i>	2.73	
			<i>For Elevated Installation >25' To 30', Add</i>	3.82	
			<i>For Elevated Installation >30' To 35', Add</i>	4.37	
			<i>For Elevated Installation >35' To 40', Add</i>	5.46	
			<i>For Elevated Installation >40', Add</i>	6.01	
			<i>For >250 To 500, Deduct</i>	-0.53	
			<i>For Factory Applied Color Coating, Add</i>	3.18	
26 05 33 13-0609	LF	3-1/2"	Electrical Metallic Tubing (EMT) Conduit.....	27.07	5.16
			<i>For Work In Restricted Working Space, Add</i>	3.87	
			<i>For >1,000, Deduct</i>	-2.38	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	3.23	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.94	
			<i>For >500 To 1,000, Deduct</i>	-1.71	
			<i>For Installation In Metal Stud Wall, Add</i>	1.29	
			<i>For Elevated Installation >10' To 15', Add</i>	1.29	
			<i>For Elevated Installation >15' To 20', Add</i>	2.58	
			<i>For Elevated Installation >20' To 25', Add</i>	3.23	
			<i>For Elevated Installation >25' To 30', Add</i>	4.52	
			<i>For Elevated Installation >30' To 35', Add</i>	5.16	
			<i>For Elevated Installation >35' To 40', Add</i>	6.45	
			<i>For Elevated Installation >40', Add</i>	7.10	
			<i>For >250 To 500, Deduct</i>	-0.71	
			<i>For Factory Applied Color Coating, Add</i>	4.25	
26 05 33 13-0610	LF	4"	Electrical Metallic Tubing (EMT) Conduit.....	35.83	7.94
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For >1,000, Deduct</i>	-3.09	
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	4.97	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.98	
			<i>For >500 To 1,000, Deduct</i>	-2.19	
			<i>For Installation In Metal Stud Wall, Add</i>	1.99	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.97	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
			<i>For >250 To 500, Deduct</i>	-0.80	
			<i>For Factory Applied Color Coating, Add</i>	4.79	

26 05 33 13-0611 Electrical Metallic Tubing (EMT) 90 Degree Elbows (26 05 33 13-0599)
See CSI section 26 05 33 13-2319 for conduit field bending.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0612 EA 1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	13.77	4.36
For Work In Restricted Working Space, Add	3.28	
For Elevated Installation >10' To 15', Add	1.09	
For Elevated Installation >15' To 20', Add	2.18	
For Elevated Installation >20' To 25', Add	2.73	
For Elevated Installation >25' To 30', Add	3.82	
For Elevated Installation >30' To 35', Add	4.37	
For Elevated Installation >35' To 40', Add	5.46	
For Elevated Installation >40', Add	6.01	
26 05 33 13-0613 EA 3/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	14.44	4.76
For Work In Restricted Working Space, Add	3.57	
For Elevated Installation >10' To 15', Add	1.19	
For Elevated Installation >15' To 20', Add	2.38	
For Elevated Installation >20' To 25', Add	2.98	
For Elevated Installation >25' To 30', Add	4.17	
For Elevated Installation >30' To 35', Add	4.76	
For Elevated Installation >35' To 40', Add	5.96	
For Elevated Installation >40', Add	6.55	
26 05 33 13-0614 EA 1" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	17.86	5.56
For Work In Restricted Working Space, Add	4.17	
For Elevated Installation >10' To 15', Add	1.39	
For Elevated Installation >15' To 20', Add	2.78	
For Elevated Installation >20' To 25', Add	3.47	
For Elevated Installation >25' To 30', Add	4.86	
For Elevated Installation >30' To 35', Add	5.56	
For Elevated Installation >35' To 40', Add	6.95	
For Elevated Installation >40', Add	7.64	
26 05 33 13-0615 EA 1-1/4" Electrical Metallic Tubing (EMT) 90 Degree Elbow	19.83	5.96
For Work In Restricted Working Space, Add	4.47	
For Elevated Installation >10' To 15', Add	1.49	
For Elevated Installation >15' To 20', Add	2.98	
For Elevated Installation >20' To 25', Add	3.72	
For Elevated Installation >25' To 30', Add	5.21	
For Elevated Installation >30' To 35', Add	5.96	
For Elevated Installation >35' To 40', Add	7.45	
For Elevated Installation >40', Add	8.19	
26 05 33 13-0616 EA 1-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	23.41	7.14
For Work In Restricted Working Space, Add	5.36	
For Elevated Installation >10' To 15', Add	1.79	
For Elevated Installation >15' To 20', Add	3.57	
For Elevated Installation >20' To 25', Add	4.47	
For Elevated Installation >25' To 30', Add	6.25	
For Elevated Installation >30' To 35', Add	7.14	
For Elevated Installation >35' To 40', Add	8.93	
For Elevated Installation >40', Add	9.82	
26 05 33 13-0617 EA 2" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	31.03	9.13
For Work In Restricted Working Space, Add	6.85	
For Elevated Installation >10' To 15', Add	2.28	
For Elevated Installation >15' To 20', Add	4.56	
For Elevated Installation >20' To 25', Add	5.71	
For Elevated Installation >25' To 30', Add	7.99	
For Elevated Installation >30' To 35', Add	9.13	
For Elevated Installation >35' To 40', Add	11.41	
For Elevated Installation >40', Add	12.55	
26 05 33 13-0618 EA 2-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	43.93	10.32
For Work In Restricted Working Space, Add	7.74	
For Elevated Installation >10' To 15', Add	2.58	
For Elevated Installation >15' To 20', Add	5.16	
For Elevated Installation >20' To 25', Add	6.45	
For Elevated Installation >25' To 30', Add	9.03	
For Elevated Installation >30' To 35', Add	10.32	
For Elevated Installation >35' To 40', Add	12.90	
For Elevated Installation >40', Add	14.19	
26 05 33 13-0619 EA 3" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	58.06	11.51
For Work In Restricted Working Space, Add	8.63	
For Elevated Installation >10' To 15', Add	2.88	
For Elevated Installation >15' To 20', Add	5.76	
For Elevated Installation >20' To 25', Add	7.20	
For Elevated Installation >25' To 30', Add	10.07	
For Elevated Installation >30' To 35', Add	11.51	
For Elevated Installation >35' To 40', Add	14.39	
For Elevated Installation >40', Add	15.83	
26 05 33 13-0620 EA 3-1/2" Electrical Metallic Tubing (EMT) 90 Degree Elbow	66.40	12.71
For Work In Restricted Working Space, Add	9.53	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.12	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.47	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0621	EA	4" Electrical Metallic Tubing (EMT) 90 Degree Elbow.....	133.94	34.74
		<i>For Work In Restricted Working Space, Add</i>	26.06	
		<i>For Elevated Installation >10' To 15', Add</i>	8.69	
		<i>For Elevated Installation >15' To 20', Add</i>	17.37	
		<i>For Elevated Installation >20' To 25', Add</i>	21.72	
		<i>For Elevated Installation >25' To 30', Add</i>	30.40	
		<i>For Elevated Installation >30' To 35', Add</i>	34.74	
		<i>For Elevated Installation >35' To 40', Add</i>	43.43	
		<i>For Elevated Installation >40', Add</i>	47.77	

26 05 33 13-0622 Electrical Metallic Tubing (EMT) 45 Degree Elbows (26 05 33 13-0599)

See CSI section 26 05 33 13-2319 for conduit field bending.

26 05 33 13-0623	EA	1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	13.46	4.36
		<i>For Work In Restricted Working Space, Add</i>	3.28	
		<i>For Elevated Installation >10' To 15', Add</i>	1.09	
		<i>For Elevated Installation >15' To 20', Add</i>	2.18	
		<i>For Elevated Installation >20' To 25', Add</i>	2.73	
		<i>For Elevated Installation >25' To 30', Add</i>	3.82	
		<i>For Elevated Installation >30' To 35', Add</i>	4.37	
		<i>For Elevated Installation >35' To 40', Add</i>	5.46	
		<i>For Elevated Installation >40', Add</i>	6.01	
26 05 33 13-0624	EA	3/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	14.62	4.76
		<i>For Work In Restricted Working Space, Add</i>	3.57	
		<i>For Elevated Installation >10' To 15', Add</i>	1.19	
		<i>For Elevated Installation >15' To 20', Add</i>	2.38	
		<i>For Elevated Installation >20' To 25', Add</i>	2.98	
		<i>For Elevated Installation >25' To 30', Add</i>	4.17	
		<i>For Elevated Installation >30' To 35', Add</i>	4.76	
		<i>For Elevated Installation >35' To 40', Add</i>	5.96	
		<i>For Elevated Installation >40', Add</i>	6.55	
26 05 33 13-0625	EA	1" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	18.26	5.56
		<i>For Work In Restricted Working Space, Add</i>	4.17	
		<i>For Elevated Installation >10' To 15', Add</i>	1.39	
		<i>For Elevated Installation >15' To 20', Add</i>	2.78	
		<i>For Elevated Installation >20' To 25', Add</i>	3.47	
		<i>For Elevated Installation >25' To 30', Add</i>	4.86	
		<i>For Elevated Installation >30' To 35', Add</i>	5.56	
		<i>For Elevated Installation >35' To 40', Add</i>	6.95	
		<i>For Elevated Installation >40', Add</i>	7.64	
26 05 33 13-0626	EA	1-1/4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	20.58	5.96
		<i>For Work In Restricted Working Space, Add</i>	4.47	
		<i>For Elevated Installation >10' To 15', Add</i>	1.49	
		<i>For Elevated Installation >15' To 20', Add</i>	2.98	
		<i>For Elevated Installation >20' To 25', Add</i>	3.72	
		<i>For Elevated Installation >25' To 30', Add</i>	5.21	
		<i>For Elevated Installation >30' To 35', Add</i>	5.96	
		<i>For Elevated Installation >35' To 40', Add</i>	7.45	
		<i>For Elevated Installation >40', Add</i>	8.19	
26 05 33 13-0627	EA	1-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	24.37	7.14
		<i>For Work In Restricted Working Space, Add</i>	5.36	
		<i>For Elevated Installation >10' To 15', Add</i>	1.79	
		<i>For Elevated Installation >15' To 20', Add</i>	3.57	
		<i>For Elevated Installation >20' To 25', Add</i>	4.47	
		<i>For Elevated Installation >25' To 30', Add</i>	6.25	
		<i>For Elevated Installation >30' To 35', Add</i>	7.14	
		<i>For Elevated Installation >35' To 40', Add</i>	8.93	
		<i>For Elevated Installation >40', Add</i>	9.82	
26 05 33 13-0628	EA	2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	30.72	9.13
		<i>For Work In Restricted Working Space, Add</i>	6.85	
		<i>For Elevated Installation >10' To 15', Add</i>	2.28	
		<i>For Elevated Installation >15' To 20', Add</i>	4.56	
		<i>For Elevated Installation >20' To 25', Add</i>	5.71	
		<i>For Elevated Installation >25' To 30', Add</i>	7.99	
		<i>For Elevated Installation >30' To 35', Add</i>	9.13	
		<i>For Elevated Installation >35' To 40', Add</i>	11.41	
		<i>For Elevated Installation >40', Add</i>	12.55	
26 05 33 13-0629	EA	2-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	46.71	10.32
		<i>For Work In Restricted Working Space, Add</i>	7.74	
		<i>For Elevated Installation >10' To 15', Add</i>	2.58	
		<i>For Elevated Installation >15' To 20', Add</i>	5.16	
		<i>For Elevated Installation >20' To 25', Add</i>	6.45	
		<i>For Elevated Installation >25' To 30', Add</i>	9.03	
		<i>For Elevated Installation >30' To 35', Add</i>	10.32	
		<i>For Elevated Installation >35' To 40', Add</i>	12.90	
		<i>For Elevated Installation >40', Add</i>	14.19	
26 05 33 13-0630	EA	3" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	60.27	11.51
		<i>For Work In Restricted Working Space, Add</i>	8.63	
		<i>For Elevated Installation >10' To 15', Add</i>	2.88	
		<i>For Elevated Installation >15' To 20', Add</i>	5.76	
		<i>For Elevated Installation >20' To 25', Add</i>	7.20	
		<i>For Elevated Installation >25' To 30', Add</i>	10.07	
		<i>For Elevated Installation >30' To 35', Add</i>	11.51	
		<i>For Elevated Installation >35' To 40', Add</i>	14.39	
		<i>For Elevated Installation >40', Add</i>	15.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0631 EA 3-1/2" Electrical Metallic Tubing (EMT) 45 Degree Elbow	72.39	12.71
<i>For Work In Restricted Working Space, Add</i>	9.53	
<i>For Elevated Installation >10' To 15', Add</i>	3.18	
<i>For Elevated Installation >15' To 20', Add</i>	6.35	
<i>For Elevated Installation >20' To 25', Add</i>	7.94	
<i>For Elevated Installation >25' To 30', Add</i>	11.12	
<i>For Elevated Installation >30' To 35', Add</i>	12.70	
<i>For Elevated Installation >35' To 40', Add</i>	15.88	
<i>For Elevated Installation >40', Add</i>	17.47	
26 05 33 13-0632 EA 4" Electrical Metallic Tubing (EMT) 45 Degree Elbow.....	129.75	34.74
<i>For Work In Restricted Working Space, Add</i>	26.06	
<i>For Elevated Installation >10' To 15', Add</i>	8.69	
<i>For Elevated Installation >15' To 20', Add</i>	17.37	
<i>For Elevated Installation >20' To 25', Add</i>	21.72	
<i>For Elevated Installation >25' To 30', Add</i>	30.40	
<i>For Elevated Installation >30' To 35', Add</i>	34.74	
<i>For Elevated Installation >35' To 40', Add</i>	43.43	
<i>For Elevated Installation >40', Add</i>	47.77	
26 05 33 13-0633 Electrical Metallic Tubing (EMT) Set Screw Couplings (26 05 33 13-0599)		
26 05 33 13-0634 EA 1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	5.29	2.39
<i>For Work In Restricted Working Space, Add</i>	1.49	
<i>For Elevated Installation >10' To 15', Add</i>	0.50	
<i>For Elevated Installation >15' To 20', Add</i>	0.99	
<i>For Elevated Installation >20' To 25', Add</i>	1.24	
<i>For Elevated Installation >25' To 30', Add</i>	1.74	
<i>For Elevated Installation >30' To 35', Add</i>	1.98	
<i>For Elevated Installation >35' To 40', Add</i>	2.48	
<i>For Elevated Installation >40', Add</i>	2.73	
26 05 33 13-0635 EA 3/4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	6.44	2.39
<i>For Work In Restricted Working Space, Add</i>	1.79	
<i>For Elevated Installation >10' To 15', Add</i>	0.60	
<i>For Elevated Installation >15' To 20', Add</i>	1.19	
<i>For Elevated Installation >20' To 25', Add</i>	1.49	
<i>For Elevated Installation >25' To 30', Add</i>	2.09	
<i>For Elevated Installation >30' To 35', Add</i>	2.38	
<i>For Elevated Installation >35' To 40', Add</i>	2.98	
<i>For Elevated Installation >40', Add</i>	3.28	
26 05 33 13-0636 EA 1" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	7.67	2.78
<i>For Work In Restricted Working Space, Add</i>	2.08	
<i>For Elevated Installation >10' To 15', Add</i>	0.69	
<i>For Elevated Installation >15' To 20', Add</i>	1.39	
<i>For Elevated Installation >20' To 25', Add</i>	1.74	
<i>For Elevated Installation >25' To 30', Add</i>	2.43	
<i>For Elevated Installation >30' To 35', Add</i>	2.78	
<i>For Elevated Installation >35' To 40', Add</i>	3.47	
<i>For Elevated Installation >40', Add</i>	3.82	
26 05 33 13-0637 EA 1-1/4" Electrical Metallic Tubing (EMT) Set Screw Coupling	10.53	3.57
<i>For Work In Restricted Working Space, Add</i>	2.68	
<i>For Elevated Installation >10' To 15', Add</i>	0.89	
<i>For Elevated Installation >15' To 20', Add</i>	1.79	
<i>For Elevated Installation >20' To 25', Add</i>	2.23	
<i>For Elevated Installation >25' To 30', Add</i>	3.13	
<i>For Elevated Installation >30' To 35', Add</i>	3.57	
<i>For Elevated Installation >35' To 40', Add</i>	4.47	
<i>For Elevated Installation >40', Add</i>	4.91	
26 05 33 13-0638 EA 1-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	13.03	4.36
<i>For Work In Restricted Working Space, Add</i>	3.28	
<i>For Elevated Installation >10' To 15', Add</i>	1.09	
<i>For Elevated Installation >15' To 20', Add</i>	2.18	
<i>For Elevated Installation >20' To 25', Add</i>	2.73	
<i>For Elevated Installation >25' To 30', Add</i>	3.82	
<i>For Elevated Installation >30' To 35', Add</i>	4.37	
<i>For Elevated Installation >35' To 40', Add</i>	5.46	
<i>For Elevated Installation >40', Add</i>	6.01	
26 05 33 13-0639 EA 2" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	17.70	5.96
<i>For Work In Restricted Working Space, Add</i>	4.46	
<i>For Elevated Installation >10' To 15', Add</i>	1.49	
<i>For Elevated Installation >15' To 20', Add</i>	2.98	
<i>For Elevated Installation >20' To 25', Add</i>	3.72	
<i>For Elevated Installation >25' To 30', Add</i>	5.21	
<i>For Elevated Installation >30' To 35', Add</i>	5.95	
<i>For Elevated Installation >35' To 40', Add</i>	7.44	
<i>For Elevated Installation >40', Add</i>	8.18	
26 05 33 13-0640 EA 2-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	24.78	7.94
<i>For Work In Restricted Working Space, Add</i>	5.96	
<i>For Elevated Installation >10' To 15', Add</i>	1.99	
<i>For Elevated Installation >15' To 20', Add</i>	3.97	
<i>For Elevated Installation >20' To 25', Add</i>	4.96	
<i>For Elevated Installation >25' To 30', Add</i>	6.95	
<i>For Elevated Installation >30' To 35', Add</i>	7.94	
<i>For Elevated Installation >35' To 40', Add</i>	9.93	
<i>For Elevated Installation >40', Add</i>	10.92	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0641	EA	3" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	32.47	9.13
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
26 05 33	13-0642	EA	3-1/2" Electrical Metallic Tubing (EMT) Set Screw Coupling	35.84	9.93
			<i>For Work In Restricted Working Space, Add</i>	8.93	
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
26 05 33	13-0643	EA	4" Electrical Metallic Tubing (EMT) Set Screw Coupling.....	104.01	28.79
			<i>For Work In Restricted Working Space, Add</i>	27.96	
			<i>For Elevated Installation >10' To 15', Add</i>	9.32	
			<i>For Elevated Installation >15' To 20', Add</i>	18.64	
			<i>For Elevated Installation >20' To 25', Add</i>	23.30	
			<i>For Elevated Installation >25' To 30', Add</i>	32.62	
			<i>For Elevated Installation >30' To 35', Add</i>	37.28	
			<i>For Elevated Installation >35' To 40', Add</i>	46.60	
			<i>For Elevated Installation >40', Add</i>	51.26	
26 05 33	13-0644		Electrical Metallic Tubing (EMT) Compression Couplings <small>(26 05 33 13-0599)</small>		
26 05 33	13-0645	EA	1/2 Electrical Metallic Tubing (EMT) Compression Coupling	6.77	2.39
			<i>For Work In Restricted Working Space, Add</i>	1.79	
			<i>For Elevated Installation >10' To 15', Add</i>	0.60	
			<i>For Elevated Installation >15' To 20', Add</i>	1.19	
			<i>For Elevated Installation >20' To 25', Add</i>	1.49	
			<i>For Elevated Installation >25' To 30', Add</i>	2.09	
			<i>For Elevated Installation >30' To 35', Add</i>	2.38	
			<i>For Elevated Installation >35' To 40', Add</i>	2.98	
			<i>For Elevated Installation >40', Add</i>	3.28	
26 05 33	13-0646	EA	3/4" Electrical Metallic Tubing (EMT) Compression Coupling	7.84	2.78
			<i>For Work In Restricted Working Space, Add</i>	2.09	
			<i>For Elevated Installation >10' To 15', Add</i>	0.70	
			<i>For Elevated Installation >15' To 20', Add</i>	1.39	
			<i>For Elevated Installation >20' To 25', Add</i>	1.74	
			<i>For Elevated Installation >25' To 30', Add</i>	2.43	
			<i>For Elevated Installation >30' To 35', Add</i>	2.78	
			<i>For Elevated Installation >35' To 40', Add</i>	3.48	
			<i>For Elevated Installation >40', Add</i>	3.82	
26 05 33	13-0647	EA	1" Electrical Metallic Tubing (EMT) Compression Coupling.....	11.17	3.97
			<i>For Work In Restricted Working Space, Add</i>	2.98	
			<i>For Elevated Installation >10' To 15', Add</i>	0.99	
			<i>For Elevated Installation >15' To 20', Add</i>	1.99	
			<i>For Elevated Installation >20' To 25', Add</i>	2.48	
			<i>For Elevated Installation >25' To 30', Add</i>	3.48	
			<i>For Elevated Installation >30' To 35', Add</i>	3.97	
			<i>For Elevated Installation >35' To 40', Add</i>	4.97	
			<i>For Elevated Installation >40', Add</i>	5.46	
26 05 33	13-0648	EA	1-1/4" Electrical Metallic Tubing (EMT) Compression Coupling.....	14.49	4.76
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
26 05 33	13-0649	EA	1-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	17.53	5.56
			<i>For Work In Restricted Working Space, Add</i>	4.17	
			<i>For Elevated Installation >10' To 15', Add</i>	1.39	
			<i>For Elevated Installation >15' To 20', Add</i>	2.78	
			<i>For Elevated Installation >20' To 25', Add</i>	3.47	
			<i>For Elevated Installation >25' To 30', Add</i>	4.86	
			<i>For Elevated Installation >30' To 35', Add</i>	5.56	
			<i>For Elevated Installation >35' To 40', Add</i>	6.95	
			<i>For Elevated Installation >40', Add</i>	7.64	
26 05 33	13-0650	EA	2" Electrical Metallic Tubing (EMT) Compression Coupling.....	23.59	7.14
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Elevated Installation >10' To 15', Add</i>	1.79	
			<i>For Elevated Installation >15' To 20', Add</i>	3.57	
			<i>For Elevated Installation >20' To 25', Add</i>	4.47	
			<i>For Elevated Installation >25' To 30', Add</i>	6.25	
			<i>For Elevated Installation >30' To 35', Add</i>	7.14	
			<i>For Elevated Installation >35' To 40', Add</i>	8.93	
			<i>For Elevated Installation >40', Add</i>	9.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0651 EA 2-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	38.79	9.53
For Work In Restricted Working Space, Add	7.15	
For Elevated Installation >10' To 15', Add	2.38	
For Elevated Installation >15' To 20', Add	4.76	
For Elevated Installation >20' To 25', Add	5.96	
For Elevated Installation >25' To 30', Add	8.34	
For Elevated Installation >30' To 35', Add	9.53	
For Elevated Installation >35' To 40', Add	11.91	
For Elevated Installation >40', Add	13.10	
26 05 33 13-0652 EA 3" Electrical Metallic Tubing (EMT) Compression Coupling.....	44.80	11.11
For Work In Restricted Working Space, Add	8.34	
For Elevated Installation >10' To 15', Add	2.78	
For Elevated Installation >15' To 20', Add	5.56	
For Elevated Installation >20' To 25', Add	6.95	
For Elevated Installation >25' To 30', Add	9.73	
For Elevated Installation >30' To 35', Add	11.12	
For Elevated Installation >35' To 40', Add	13.90	
For Elevated Installation >40', Add	15.28	
26 05 33 13-0653 EA 3-1/2" Electrical Metallic Tubing (EMT) Compression Coupling.....	56.01	13.89
For Work In Restricted Working Space, Add	10.42	
For Elevated Installation >10' To 15', Add	3.47	
For Elevated Installation >15' To 20', Add	6.95	
For Elevated Installation >20' To 25', Add	8.68	
For Elevated Installation >25' To 30', Add	12.16	
For Elevated Installation >30' To 35', Add	13.89	
For Elevated Installation >35' To 40', Add	17.37	
For Elevated Installation >40', Add	19.10	
26 05 33 13-0654 EA 4" Electrical Metallic Tubing (EMT) Compression Coupling.....	71.80	17.86
For Work In Restricted Working Space, Add	13.40	
For Elevated Installation >10' To 15', Add	4.47	
For Elevated Installation >15' To 20', Add	8.93	
For Elevated Installation >20' To 25', Add	11.17	
For Elevated Installation >25' To 30', Add	15.63	
For Elevated Installation >30' To 35', Add	17.86	
For Elevated Installation >35' To 40', Add	22.33	
For Elevated Installation >40', Add	24.56	
26 05 33 13-0655 Electrical Metallic Tubing (EMT) Raintight Compression Couplings (26 05 33 13-0599)		
26 05 33 13-0656 EA 1/2 Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	7.94	2.39
For Work In Restricted Working Space, Add	1.79	
For Elevated Installation >10' To 15', Add	0.60	
For Elevated Installation >15' To 20', Add	1.19	
For Elevated Installation >20' To 25', Add	1.49	
For Elevated Installation >25' To 30', Add	2.09	
For Elevated Installation >30' To 35', Add	2.38	
For Elevated Installation >35' To 40', Add	2.98	
For Elevated Installation >40', Add	3.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.79	
26 05 33 13-0657 EA 3/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	9.12	2.78
For Work In Restricted Working Space, Add	2.09	
For Elevated Installation >10' To 15', Add	0.70	
For Elevated Installation >15' To 20', Add	1.39	
For Elevated Installation >20' To 25', Add	1.74	
For Elevated Installation >25' To 30', Add	2.43	
For Elevated Installation >30' To 35', Add	2.78	
For Elevated Installation >35' To 40', Add	3.48	
For Elevated Installation >40', Add	3.82	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.09	
26 05 33 13-0658 EA 1" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	13.59	3.97
For Work In Restricted Working Space, Add	2.98	
For Elevated Installation >10' To 15', Add	0.99	
For Elevated Installation >15' To 20', Add	1.99	
For Elevated Installation >20' To 25', Add	2.48	
For Elevated Installation >25' To 30', Add	3.48	
For Elevated Installation >30' To 35', Add	3.97	
For Elevated Installation >35' To 40', Add	4.97	
For Elevated Installation >40', Add	5.46	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.98	
26 05 33 13-0659 EA 1-1/4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	17.43	4.76
For Work In Restricted Working Space, Add	3.57	
For Elevated Installation >10' To 15', Add	1.19	
For Elevated Installation >15' To 20', Add	2.38	
For Elevated Installation >20' To 25', Add	2.98	
For Elevated Installation >25' To 30', Add	4.17	
For Elevated Installation >30' To 35', Add	4.76	
For Elevated Installation >35' To 40', Add	5.95	
For Elevated Installation >40', Add	6.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.57	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0660	EA	1-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	22.76	5.56
		<i>For Work In Restricted Working Space, Add</i>	4.17	
		<i>For Elevated Installation >10' To 15', Add</i>	1.39	
		<i>For Elevated Installation >15' To 20', Add</i>	2.78	
		<i>For Elevated Installation >20' To 25', Add</i>	3.47	
		<i>For Elevated Installation >25' To 30', Add</i>	4.86	
		<i>For Elevated Installation >30' To 35', Add</i>	5.56	
		<i>For Elevated Installation >35' To 40', Add</i>	6.95	
		<i>For Elevated Installation >40', Add</i>	7.64	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.17	
26 05 33 13-0661	EA	2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	27.77	6.75
		<i>For Work In Restricted Working Space, Add</i>	5.06	
		<i>For Elevated Installation >10' To 15', Add</i>	1.69	
		<i>For Elevated Installation >15' To 20', Add</i>	3.37	
		<i>For Elevated Installation >20' To 25', Add</i>	4.22	
		<i>For Elevated Installation >25' To 30', Add</i>	5.90	
		<i>For Elevated Installation >30' To 35', Add</i>	6.75	
		<i>For Elevated Installation >35' To 40', Add</i>	8.44	
		<i>For Elevated Installation >40', Add</i>	9.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.06	
26 05 33 13-0662	EA	2-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	37.32	9.13
		<i>For Work In Restricted Working Space, Add</i>	6.85	
		<i>For Elevated Installation >10' To 15', Add</i>	2.28	
		<i>For Elevated Installation >15' To 20', Add</i>	4.56	
		<i>For Elevated Installation >20' To 25', Add</i>	5.71	
		<i>For Elevated Installation >25' To 30', Add</i>	7.99	
		<i>For Elevated Installation >30' To 35', Add</i>	9.13	
		<i>For Elevated Installation >35' To 40', Add</i>	11.41	
		<i>For Elevated Installation >40', Add</i>	12.55	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.85	
26 05 33 13-0663	EA	3" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	47.48	11.11
		<i>For Work In Restricted Working Space, Add</i>	8.34	
		<i>For Elevated Installation >10' To 15', Add</i>	2.78	
		<i>For Elevated Installation >15' To 20', Add</i>	5.56	
		<i>For Elevated Installation >20' To 25', Add</i>	6.95	
		<i>For Elevated Installation >25' To 30', Add</i>	9.73	
		<i>For Elevated Installation >30' To 35', Add</i>	11.12	
		<i>For Elevated Installation >35' To 40', Add</i>	13.90	
		<i>For Elevated Installation >40', Add</i>	15.28	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33 13-0664	EA	3-1/2" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	63.23	13.89
		<i>For Work In Restricted Working Space, Add</i>	10.42	
		<i>For Elevated Installation >10' To 15', Add</i>	3.47	
		<i>For Elevated Installation >15' To 20', Add</i>	6.95	
		<i>For Elevated Installation >20' To 25', Add</i>	8.68	
		<i>For Elevated Installation >25' To 30', Add</i>	12.16	
		<i>For Elevated Installation >30' To 35', Add</i>	13.89	
		<i>For Elevated Installation >35' To 40', Add</i>	17.37	
		<i>For Elevated Installation >40', Add</i>	19.10	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-0665	EA	4" Electrical Metallic Tubing (EMT) Raintight Compression Coupling.....	76.51	17.86
		<i>For Work In Restricted Working Space, Add</i>	13.40	
		<i>For Elevated Installation >10' To 15', Add</i>	4.47	
		<i>For Elevated Installation >15' To 20', Add</i>	8.93	
		<i>For Elevated Installation >20' To 25', Add</i>	11.17	
		<i>For Elevated Installation >25' To 30', Add</i>	15.63	
		<i>For Elevated Installation >30' To 35', Add</i>	17.86	
		<i>For Elevated Installation >35' To 40', Add</i>	22.33	
		<i>For Elevated Installation >40', Add</i>	24.56	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.40	
26 05 33 13-0666		Electrical Metallic Tubing (EMT) Insulated Bushing <small>(26 05 33 13-0599)</small>		
26 05 33 13-0667	EA	1/2" Electrical Metallic Tubing (EMT) Insulated Bushing.....	6.76	2.68
		<i>For Work In Restricted Working Space, Add</i>	2.00	
		<i>For Elevated Installation >10' To 15', Add</i>	0.67	
		<i>For Elevated Installation >15' To 20', Add</i>	1.33	
		<i>For Elevated Installation >20' To 25', Add</i>	1.66	
		<i>For Elevated Installation >25' To 30', Add</i>	2.33	
		<i>For Elevated Installation >30' To 35', Add</i>	2.66	
		<i>For Elevated Installation >35' To 40', Add</i>	3.33	
		<i>For Elevated Installation >40', Add</i>	3.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.00	
26 05 33 13-0668	EA	3/4" Electrical Metallic Tubing (EMT) Insulated Bushing.....	7.41	2.88
		<i>For Work In Restricted Working Space, Add</i>	2.17	
		<i>For Elevated Installation >10' To 15', Add</i>	0.72	
		<i>For Elevated Installation >15' To 20', Add</i>	1.45	
		<i>For Elevated Installation >20' To 25', Add</i>	1.81	
		<i>For Elevated Installation >25' To 30', Add</i>	2.53	
		<i>For Elevated Installation >30' To 35', Add</i>	2.90	
		<i>For Elevated Installation >35' To 40', Add</i>	3.62	
		<i>For Elevated Installation >40', Add</i>	3.98	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0669 EA 1" Electrical Metallic Tubing (EMT) Insulated Bushing.....	9.38	3.57
<i>For Work In Restricted Working Space, Add</i>	2.65	
<i>For Elevated Installation >10' To 15', Add</i>	0.88	
<i>For Elevated Installation >15' To 20', Add</i>	1.77	
<i>For Elevated Installation >20' To 25', Add</i>	2.21	
<i>For Elevated Installation >25' To 30', Add</i>	3.09	
<i>For Elevated Installation >30' To 35', Add</i>	3.53	
<i>For Elevated Installation >35' To 40', Add</i>	4.42	
<i>For Elevated Installation >40', Add</i>	4.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
26 05 33 13-0670 EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Bushing	11.98	4.56
<i>For Work In Restricted Working Space, Add</i>	3.39	
<i>For Elevated Installation >10' To 15', Add</i>	1.13	
<i>For Elevated Installation >15' To 20', Add</i>	2.26	
<i>For Elevated Installation >20' To 25', Add</i>	2.83	
<i>For Elevated Installation >25' To 30', Add</i>	3.96	
<i>For Elevated Installation >30' To 35', Add</i>	4.52	
<i>For Elevated Installation >35' To 40', Add</i>	5.66	
<i>For Elevated Installation >40', Add</i>	6.22	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.39	
26 05 33 13-0671 EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	14.26	5.25
<i>For Work In Restricted Working Space, Add</i>	3.96	
<i>For Elevated Installation >10' To 15', Add</i>	1.32	
<i>For Elevated Installation >15' To 20', Add</i>	2.64	
<i>For Elevated Installation >20' To 25', Add</i>	3.30	
<i>For Elevated Installation >25' To 30', Add</i>	4.62	
<i>For Elevated Installation >30' To 35', Add</i>	5.28	
<i>For Elevated Installation >35' To 40', Add</i>	6.60	
<i>For Elevated Installation >40', Add</i>	7.26	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.96	
26 05 33 13-0672 EA 2" Electrical Metallic Tubing (EMT) Insulated Bushing.....	17.65	6.35
<i>For Work In Restricted Working Space, Add</i>	4.76	
<i>For Elevated Installation >10' To 15', Add</i>	1.59	
<i>For Elevated Installation >15' To 20', Add</i>	3.17	
<i>For Elevated Installation >20' To 25', Add</i>	3.97	
<i>For Elevated Installation >25' To 30', Add</i>	5.55	
<i>For Elevated Installation >30' To 35', Add</i>	6.35	
<i>For Elevated Installation >35' To 40', Add</i>	7.94	
<i>For Elevated Installation >40', Add</i>	8.73	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33 13-0673 EA 2-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	25.87	8.83
<i>For Work In Restricted Working Space, Add</i>	6.61	
<i>For Elevated Installation >10' To 15', Add</i>	2.20	
<i>For Elevated Installation >15' To 20', Add</i>	4.41	
<i>For Elevated Installation >20' To 25', Add</i>	5.51	
<i>For Elevated Installation >25' To 30', Add</i>	7.71	
<i>For Elevated Installation >30' To 35', Add</i>	8.81	
<i>For Elevated Installation >35' To 40', Add</i>	11.02	
<i>For Elevated Installation >40', Add</i>	12.12	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.61	
26 05 33 13-0674 EA 3" Electrical Metallic Tubing (EMT) Insulated Bushing.....	34.26	11.71
<i>For Work In Restricted Working Space, Add</i>	8.81	
<i>For Elevated Installation >10' To 15', Add</i>	2.94	
<i>For Elevated Installation >15' To 20', Add</i>	5.87	
<i>For Elevated Installation >20' To 25', Add</i>	7.34	
<i>For Elevated Installation >25' To 30', Add</i>	10.28	
<i>For Elevated Installation >30' To 35', Add</i>	11.75	
<i>For Elevated Installation >35' To 40', Add</i>	14.69	
<i>For Elevated Installation >40', Add</i>	16.15	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.81	
26 05 33 13-0675 EA 3-1/2" Electrical Metallic Tubing (EMT) Insulated Bushing	43.84	15.08
<i>For Work In Restricted Working Space, Add</i>	11.34	
<i>For Elevated Installation >10' To 15', Add</i>	3.78	
<i>For Elevated Installation >15' To 20', Add</i>	7.56	
<i>For Elevated Installation >20' To 25', Add</i>	9.45	
<i>For Elevated Installation >25' To 30', Add</i>	13.23	
<i>For Elevated Installation >30' To 35', Add</i>	15.12	
<i>For Elevated Installation >35' To 40', Add</i>	18.91	
<i>For Elevated Installation >40', Add</i>	20.80	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.34	
26 05 33 13-0676 EA 4" Electrical Metallic Tubing (EMT) Insulated Bushing.....	56.34	19.85
<i>For Work In Restricted Working Space, Add</i>	14.89	
<i>For Elevated Installation >10' To 15', Add</i>	4.96	
<i>For Elevated Installation >15' To 20', Add</i>	9.92	
<i>For Elevated Installation >20' To 25', Add</i>	12.41	
<i>For Elevated Installation >25' To 30', Add</i>	17.37	
<i>For Elevated Installation >30' To 35', Add</i>	19.85	
<i>For Elevated Installation >35' To 40', Add</i>	24.81	
<i>For Elevated Installation >40', Add</i>	27.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	

26 05 33 13-0677 Electrical Metallic Tubing (EMT) Straight Box Connectors With Set Screw⁽²⁶⁾
05 33 13-0599)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0678	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	5.22	1.99
			<i>For Work In Restricted Working Space, Add</i>	1.49	
			<i>For Elevated Installation >10' To 15', Add</i>	0.50	
			<i>For Elevated Installation >15' To 20', Add</i>	0.99	
			<i>For Elevated Installation >20' To 25', Add</i>	1.24	
			<i>For Elevated Installation >25' To 30', Add</i>	1.74	
			<i>For Elevated Installation >30' To 35', Add</i>	1.98	
			<i>For Elevated Installation >35' To 40', Add</i>	2.48	
			<i>For Elevated Installation >40', Add</i>	2.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.49	
26 05 33	13-0679	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	6.38	2.39
			<i>For Work In Restricted Working Space, Add</i>	1.79	
			<i>For Elevated Installation >10' To 15', Add</i>	0.60	
			<i>For Elevated Installation >15' To 20', Add</i>	1.19	
			<i>For Elevated Installation >20' To 25', Add</i>	1.49	
			<i>For Elevated Installation >25' To 30', Add</i>	2.09	
			<i>For Elevated Installation >30' To 35', Add</i>	2.38	
			<i>For Elevated Installation >35' To 40', Add</i>	2.98	
			<i>For Elevated Installation >40', Add</i>	3.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.79	
26 05 33	13-0680	EA	1" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	7.68	2.78
			<i>For Work In Restricted Working Space, Add</i>	2.09	
			<i>For Elevated Installation >10' To 15', Add</i>	0.70	
			<i>For Elevated Installation >15' To 20', Add</i>	1.39	
			<i>For Elevated Installation >20' To 25', Add</i>	1.74	
			<i>For Elevated Installation >25' To 30', Add</i>	2.43	
			<i>For Elevated Installation >30' To 35', Add</i>	2.78	
			<i>For Elevated Installation >35' To 40', Add</i>	3.48	
			<i>For Elevated Installation >40', Add</i>	3.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.09	
26 05 33	13-0681	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	11.28	3.97
			<i>For Work In Restricted Working Space, Add</i>	2.98	
			<i>For Elevated Installation >10' To 15', Add</i>	0.99	
			<i>For Elevated Installation >15' To 20', Add</i>	1.99	
			<i>For Elevated Installation >20' To 25', Add</i>	2.48	
			<i>For Elevated Installation >25' To 30', Add</i>	3.48	
			<i>For Elevated Installation >30' To 35', Add</i>	3.97	
			<i>For Elevated Installation >35' To 40', Add</i>	4.97	
			<i>For Elevated Installation >40', Add</i>	5.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.98	
26 05 33	13-0682	EA	1-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	13.86	4.76
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	
26 05 33	13-0683	EA	2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	17.78	5.96
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Elevated Installation >10' To 15', Add</i>	1.49	
			<i>For Elevated Installation >15' To 20', Add</i>	2.98	
			<i>For Elevated Installation >20' To 25', Add</i>	3.72	
			<i>For Elevated Installation >25' To 30', Add</i>	5.21	
			<i>For Elevated Installation >30' To 35', Add</i>	5.95	
			<i>For Elevated Installation >35' To 40', Add</i>	7.44	
			<i>For Elevated Installation >40', Add</i>	8.18	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-0684	EA	2-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	27.94	7.94
			<i>For Work In Restricted Working Space, Add</i>	5.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.99	
			<i>For Elevated Installation >15' To 20', Add</i>	3.97	
			<i>For Elevated Installation >20' To 25', Add</i>	4.96	
			<i>For Elevated Installation >25' To 30', Add</i>	6.95	
			<i>For Elevated Installation >30' To 35', Add</i>	7.94	
			<i>For Elevated Installation >35' To 40', Add</i>	9.93	
			<i>For Elevated Installation >40', Add</i>	10.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33	13-0685	EA	3" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	34.70	9.93
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0686 EA 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw	40.88	11.90
<i>For Work In Restricted Working Space, Add</i>	8.93	
<i>For Elevated Installation >10' To 15', Add</i>	2.98	
<i>For Elevated Installation >15' To 20', Add</i>	5.95	
<i>For Elevated Installation >20' To 25', Add</i>	7.44	
<i>For Elevated Installation >25' To 30', Add</i>	10.42	
<i>For Elevated Installation >30' To 35', Add</i>	11.91	
<i>For Elevated Installation >35' To 40', Add</i>	14.89	
<i>For Elevated Installation >40', Add</i>	16.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 05 33 13-0687 EA 4" Electrical Metallic Tubing (EMT) Straight Box Connector With Set Screw.....	47.59	13.89
<i>For Work In Restricted Working Space, Add</i>	10.42	
<i>For Elevated Installation >10' To 15', Add</i>	3.47	
<i>For Elevated Installation >15' To 20', Add</i>	6.95	
<i>For Elevated Installation >20' To 25', Add</i>	8.68	
<i>For Elevated Installation >25' To 30', Add</i>	12.16	
<i>For Elevated Installation >30' To 35', Add</i>	13.89	
<i>For Elevated Installation >35' To 40', Add</i>	17.37	
<i>For Elevated Installation >40', Add</i>	19.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-0688 Electrical Metallic Tubing (EMT) Insulated Straight Box Connectors With Set Screw		
<small>(26 05 33 13-0599)</small>		
26 05 33 13-0689 EA 1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.08	2.68
<i>For Work In Restricted Working Space, Add</i>	2.00	
<i>For Elevated Installation >10' To 15', Add</i>	0.67	
<i>For Elevated Installation >15' To 20', Add</i>	1.33	
<i>For Elevated Installation >20' To 25', Add</i>	1.66	
<i>For Elevated Installation >25' To 30', Add</i>	2.33	
<i>For Elevated Installation >30' To 35', Add</i>	2.66	
<i>For Elevated Installation >35' To 40', Add</i>	3.33	
<i>For Elevated Installation >40', Add</i>	3.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.00	
26 05 33 13-0690 EA 3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	7.93	2.88
<i>For Work In Restricted Working Space, Add</i>	2.17	
<i>For Elevated Installation >10' To 15', Add</i>	0.72	
<i>For Elevated Installation >15' To 20', Add</i>	1.45	
<i>For Elevated Installation >20' To 25', Add</i>	1.81	
<i>For Elevated Installation >25' To 30', Add</i>	2.53	
<i>For Elevated Installation >30' To 35', Add</i>	2.90	
<i>For Elevated Installation >35' To 40', Add</i>	3.62	
<i>For Elevated Installation >40', Add</i>	3.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.17	
26 05 33 13-0691 EA 1" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	10.06	3.57
<i>For Work In Restricted Working Space, Add</i>	2.65	
<i>For Elevated Installation >10' To 15', Add</i>	0.88	
<i>For Elevated Installation >15' To 20', Add</i>	1.77	
<i>For Elevated Installation >20' To 25', Add</i>	2.21	
<i>For Elevated Installation >25' To 30', Add</i>	3.09	
<i>For Elevated Installation >30' To 35', Add</i>	3.53	
<i>For Elevated Installation >35' To 40', Add</i>	4.42	
<i>For Elevated Installation >40', Add</i>	4.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
26 05 33 13-0692 EA 1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	13.36	4.56
<i>For Work In Restricted Working Space, Add</i>	3.39	
<i>For Elevated Installation >10' To 15', Add</i>	1.13	
<i>For Elevated Installation >15' To 20', Add</i>	2.26	
<i>For Elevated Installation >20' To 25', Add</i>	2.83	
<i>For Elevated Installation >25' To 30', Add</i>	3.96	
<i>For Elevated Installation >30' To 35', Add</i>	4.52	
<i>For Elevated Installation >35' To 40', Add</i>	5.66	
<i>For Elevated Installation >40', Add</i>	6.22	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.39	
26 05 33 13-0693 EA 1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	15.92	5.25
<i>For Work In Restricted Working Space, Add</i>	3.96	
<i>For Elevated Installation >10' To 15', Add</i>	1.32	
<i>For Elevated Installation >15' To 20', Add</i>	2.64	
<i>For Elevated Installation >20' To 25', Add</i>	3.30	
<i>For Elevated Installation >25' To 30', Add</i>	4.62	
<i>For Elevated Installation >30' To 35', Add</i>	5.28	
<i>For Elevated Installation >35' To 40', Add</i>	6.60	
<i>For Elevated Installation >40', Add</i>	7.26	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.96	
26 05 33 13-0694 EA 2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	19.61	6.35
<i>For Work In Restricted Working Space, Add</i>	4.76	
<i>For Elevated Installation >10' To 15', Add</i>	1.59	
<i>For Elevated Installation >15' To 20', Add</i>	3.17	
<i>For Elevated Installation >20' To 25', Add</i>	3.97	
<i>For Elevated Installation >25' To 30', Add</i>	5.55	
<i>For Elevated Installation >30' To 35', Add</i>	6.35	
<i>For Elevated Installation >35' To 40', Add</i>	7.94	
<i>For Elevated Installation >40', Add</i>	8.73	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0695	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	34.28	8.83
			<i>For Work In Restricted Working Space, Add</i>	6.61	
			<i>For Elevated Installation >10' To 15', Add</i>	2.20	
			<i>For Elevated Installation >15' To 20', Add</i>	4.41	
			<i>For Elevated Installation >20' To 25', Add</i>	5.51	
			<i>For Elevated Installation >25' To 30', Add</i>	7.71	
			<i>For Elevated Installation >30' To 35', Add</i>	8.81	
			<i>For Elevated Installation >35' To 40', Add</i>	11.02	
			<i>For Elevated Installation >40', Add</i>	12.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.61	
26 05 33	13-0696	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	44.02	11.71
			<i>For Work In Restricted Working Space, Add</i>	8.81	
			<i>For Elevated Installation >10' To 15', Add</i>	2.94	
			<i>For Elevated Installation >15' To 20', Add</i>	5.87	
			<i>For Elevated Installation >20' To 25', Add</i>	7.34	
			<i>For Elevated Installation >25' To 30', Add</i>	10.28	
			<i>For Elevated Installation >30' To 35', Add</i>	11.75	
			<i>For Elevated Installation >35' To 40', Add</i>	14.69	
			<i>For Elevated Installation >40', Add</i>	16.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.81	
26 05 33	13-0697	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	56.12	15.08
			<i>For Work In Restricted Working Space, Add</i>	11.34	
			<i>For Elevated Installation >10' To 15', Add</i>	3.78	
			<i>For Elevated Installation >15' To 20', Add</i>	7.56	
			<i>For Elevated Installation >20' To 25', Add</i>	9.45	
			<i>For Elevated Installation >25' To 30', Add</i>	13.23	
			<i>For Elevated Installation >30' To 35', Add</i>	15.12	
			<i>For Elevated Installation >35' To 40', Add</i>	18.91	
			<i>For Elevated Installation >40', Add</i>	20.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.34	
26 05 33	13-0698	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Connector With Set Screw	69.77	19.85
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33	13-0699		Electrical Metallic Tubing (EMT) Straight Box Compression Connectors <small>(26 05 33 13-0599)</small>		
26 05 33	13-0700	EA	1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	6.38	2.39
			<i>For Work In Restricted Working Space, Add</i>	1.79	
			<i>For Elevated Installation >10' To 15', Add</i>	0.60	
			<i>For Elevated Installation >15' To 20', Add</i>	1.19	
			<i>For Elevated Installation >20' To 25', Add</i>	1.49	
			<i>For Elevated Installation >25' To 30', Add</i>	2.09	
			<i>For Elevated Installation >30' To 35', Add</i>	2.38	
			<i>For Elevated Installation >35' To 40', Add</i>	2.98	
			<i>For Elevated Installation >40', Add</i>	3.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.79	
26 05 33	13-0701	EA	3/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	7.59	2.78
			<i>For Work In Restricted Working Space, Add</i>	2.09	
			<i>For Elevated Installation >10' To 15', Add</i>	0.70	
			<i>For Elevated Installation >15' To 20', Add</i>	1.39	
			<i>For Elevated Installation >20' To 25', Add</i>	1.74	
			<i>For Elevated Installation >25' To 30', Add</i>	2.43	
			<i>For Elevated Installation >30' To 35', Add</i>	2.78	
			<i>For Elevated Installation >35' To 40', Add</i>	3.48	
			<i>For Elevated Installation >40', Add</i>	3.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.09	
26 05 33	13-0702	EA	1" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	10.83	3.97
			<i>For Work In Restricted Working Space, Add</i>	2.98	
			<i>For Elevated Installation >10' To 15', Add</i>	0.99	
			<i>For Elevated Installation >15' To 20', Add</i>	1.99	
			<i>For Elevated Installation >20' To 25', Add</i>	2.48	
			<i>For Elevated Installation >25' To 30', Add</i>	3.48	
			<i>For Elevated Installation >30' To 35', Add</i>	3.97	
			<i>For Elevated Installation >35' To 40', Add</i>	4.97	
			<i>For Elevated Installation >40', Add</i>	5.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.98	
26 05 33	13-0703	EA	1-1/4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector	13.60	4.76
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0704 EA 1-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	16.29	5.56
<i>For Work In Restricted Working Space, Add</i>	4.17	
<i>For Elevated Installation >10' To 15', Add</i>	1.39	
<i>For Elevated Installation >15' To 20', Add</i>	2.78	
<i>For Elevated Installation >20' To 25', Add</i>	3.47	
<i>For Elevated Installation >25' To 30', Add</i>	4.86	
<i>For Elevated Installation >30' To 35', Add</i>	5.56	
<i>For Elevated Installation >35' To 40', Add</i>	6.95	
<i>For Elevated Installation >40', Add</i>	7.64	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.17	
26 05 33 13-0705 EA 2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	21.34	7.14
<i>For Work In Restricted Working Space, Add</i>	5.36	
<i>For Elevated Installation >10' To 15', Add</i>	1.79	
<i>For Elevated Installation >15' To 20', Add</i>	3.57	
<i>For Elevated Installation >20' To 25', Add</i>	4.47	
<i>For Elevated Installation >25' To 30', Add</i>	6.25	
<i>For Elevated Installation >30' To 35', Add</i>	7.14	
<i>For Elevated Installation >35' To 40', Add</i>	8.93	
<i>For Elevated Installation >40', Add</i>	9.82	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33 13-0706 EA 2-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	34.29	9.53
<i>For Work In Restricted Working Space, Add</i>	7.15	
<i>For Elevated Installation >10' To 15', Add</i>	2.38	
<i>For Elevated Installation >15' To 20', Add</i>	4.76	
<i>For Elevated Installation >20' To 25', Add</i>	5.96	
<i>For Elevated Installation >25' To 30', Add</i>	8.34	
<i>For Elevated Installation >30' To 35', Add</i>	9.53	
<i>For Elevated Installation >35' To 40', Add</i>	11.91	
<i>For Elevated Installation >40', Add</i>	13.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.15	
26 05 33 13-0707 EA 3" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	43.46	11.90
<i>For Work In Restricted Working Space, Add</i>	8.93	
<i>For Elevated Installation >10' To 15', Add</i>	2.98	
<i>For Elevated Installation >15' To 20', Add</i>	5.95	
<i>For Elevated Installation >20' To 25', Add</i>	7.44	
<i>For Elevated Installation >25' To 30', Add</i>	10.42	
<i>For Elevated Installation >30' To 35', Add</i>	11.91	
<i>For Elevated Installation >35' To 40', Add</i>	14.89	
<i>For Elevated Installation >40', Add</i>	16.37	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 05 33 13-0708 EA 3-1/2" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	55.83	13.89
<i>For Work In Restricted Working Space, Add</i>	10.42	
<i>For Elevated Installation >10' To 15', Add</i>	3.47	
<i>For Elevated Installation >15' To 20', Add</i>	6.95	
<i>For Elevated Installation >20' To 25', Add</i>	8.68	
<i>For Elevated Installation >25' To 30', Add</i>	12.16	
<i>For Elevated Installation >30' To 35', Add</i>	13.89	
<i>For Elevated Installation >35' To 40', Add</i>	17.37	
<i>For Elevated Installation >40', Add</i>	19.10	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-0709 EA 4" Electrical Metallic Tubing (EMT) Straight Box Compression Connector.....	62.58	15.87
<i>For Work In Restricted Working Space, Add</i>	11.91	
<i>For Elevated Installation >10' To 15', Add</i>	3.97	
<i>For Elevated Installation >15' To 20', Add</i>	7.94	
<i>For Elevated Installation >20' To 25', Add</i>	9.92	
<i>For Elevated Installation >25' To 30', Add</i>	13.89	
<i>For Elevated Installation >30' To 35', Add</i>	15.88	
<i>For Elevated Installation >35' To 40', Add</i>	19.85	
<i>For Elevated Installation >40', Add</i>	21.83	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.91	
26 05 33 13-0710 Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connectors <small>(26 05 33 13-0599)</small>		
26 05 33 13-0711 EA 1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	7.37	2.68
<i>For Work In Restricted Working Space, Add</i>	2.00	
<i>For Elevated Installation >10' To 15', Add</i>	0.67	
<i>For Elevated Installation >15' To 20', Add</i>	1.33	
<i>For Elevated Installation >20' To 25', Add</i>	1.66	
<i>For Elevated Installation >25' To 30', Add</i>	2.33	
<i>For Elevated Installation >30' To 35', Add</i>	2.66	
<i>For Elevated Installation >35' To 40', Add</i>	3.33	
<i>For Elevated Installation >40', Add</i>	3.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.00	
26 05 33 13-0712 EA 3/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	8.23	2.88
<i>For Work In Restricted Working Space, Add</i>	2.17	
<i>For Elevated Installation >10' To 15', Add</i>	0.72	
<i>For Elevated Installation >15' To 20', Add</i>	1.45	
<i>For Elevated Installation >20' To 25', Add</i>	1.81	
<i>For Elevated Installation >25' To 30', Add</i>	2.53	
<i>For Elevated Installation >30' To 35', Add</i>	2.90	
<i>For Elevated Installation >35' To 40', Add</i>	3.62	
<i>For Elevated Installation >40', Add</i>	3.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.17	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0713	EA	1" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	10.31	3.57
			<i>For Work In Restricted Working Space, Add</i>	2.65	
			<i>For Elevated Installation >10' To 15', Add</i>	0.88	
			<i>For Elevated Installation >15' To 20', Add</i>	1.77	
			<i>For Elevated Installation >20' To 25', Add</i>	2.21	
			<i>For Elevated Installation >25' To 30', Add</i>	3.09	
			<i>For Elevated Installation >30' To 35', Add</i>	3.53	
			<i>For Elevated Installation >35' To 40', Add</i>	4.42	
			<i>For Elevated Installation >40', Add</i>	4.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.65	
26 05 33	13-0714	EA	1-1/4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	14.08	4.56
			<i>For Work In Restricted Working Space, Add</i>	3.39	
			<i>For Elevated Installation >10' To 15', Add</i>	1.13	
			<i>For Elevated Installation >15' To 20', Add</i>	2.26	
			<i>For Elevated Installation >20' To 25', Add</i>	2.83	
			<i>For Elevated Installation >25' To 30', Add</i>	3.96	
			<i>For Elevated Installation >30' To 35', Add</i>	4.52	
			<i>For Elevated Installation >35' To 40', Add</i>	5.66	
			<i>For Elevated Installation >40', Add</i>	6.22	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.39	
26 05 33	13-0715	EA	1-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	17.12	5.25
			<i>For Work In Restricted Working Space, Add</i>	3.96	
			<i>For Elevated Installation >10' To 15', Add</i>	1.32	
			<i>For Elevated Installation >15' To 20', Add</i>	2.64	
			<i>For Elevated Installation >20' To 25', Add</i>	3.30	
			<i>For Elevated Installation >25' To 30', Add</i>	4.62	
			<i>For Elevated Installation >30' To 35', Add</i>	5.28	
			<i>For Elevated Installation >35' To 40', Add</i>	6.60	
			<i>For Elevated Installation >40', Add</i>	7.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.96	
26 05 33	13-0716	EA	2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	21.34	6.35
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Elevated Installation >10' To 15', Add</i>	1.59	
			<i>For Elevated Installation >15' To 20', Add</i>	3.17	
			<i>For Elevated Installation >20' To 25', Add</i>	3.97	
			<i>For Elevated Installation >25' To 30', Add</i>	5.55	
			<i>For Elevated Installation >30' To 35', Add</i>	6.35	
			<i>For Elevated Installation >35' To 40', Add</i>	7.94	
			<i>For Elevated Installation >40', Add</i>	8.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-0717	EA	2-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	40.59	8.83
			<i>For Work In Restricted Working Space, Add</i>	6.61	
			<i>For Elevated Installation >10' To 15', Add</i>	2.20	
			<i>For Elevated Installation >15' To 20', Add</i>	4.41	
			<i>For Elevated Installation >20' To 25', Add</i>	5.51	
			<i>For Elevated Installation >25' To 30', Add</i>	7.71	
			<i>For Elevated Installation >30' To 35', Add</i>	8.81	
			<i>For Elevated Installation >35' To 40', Add</i>	11.02	
			<i>For Elevated Installation >40', Add</i>	12.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.61	
26 05 33	13-0718	EA	3" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	54.62	11.71
			<i>For Work In Restricted Working Space, Add</i>	8.81	
			<i>For Elevated Installation >10' To 15', Add</i>	2.94	
			<i>For Elevated Installation >15' To 20', Add</i>	5.87	
			<i>For Elevated Installation >20' To 25', Add</i>	7.34	
			<i>For Elevated Installation >25' To 30', Add</i>	10.28	
			<i>For Elevated Installation >30' To 35', Add</i>	11.75	
			<i>For Elevated Installation >35' To 40', Add</i>	14.69	
			<i>For Elevated Installation >40', Add</i>	16.15	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.81	
26 05 33	13-0719	EA	3-1/2" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector	74.72	15.08
			<i>For Work In Restricted Working Space, Add</i>	11.34	
			<i>For Elevated Installation >10' To 15', Add</i>	3.78	
			<i>For Elevated Installation >15' To 20', Add</i>	7.56	
			<i>For Elevated Installation >20' To 25', Add</i>	9.45	
			<i>For Elevated Installation >25' To 30', Add</i>	13.23	
			<i>For Elevated Installation >30' To 35', Add</i>	15.12	
			<i>For Elevated Installation >35' To 40', Add</i>	18.91	
			<i>For Elevated Installation >40', Add</i>	20.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.34	
26 05 33	13-0720	EA	4" Electrical Metallic Tubing (EMT) Insulated Straight Box Compression Connector.....	92.79	19.85
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	

26 05 33 13-0721 Electrical Metallic Tubing (EMT) Expansion Coupling (26 05 33 13-0599)

Note: Excludes jumper.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0722 EA 1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	62.30	13.20
For Work In Restricted Working Space, Add	9.91	
For Elevated Installation >10' To 15', Add	3.30	
For Elevated Installation >15' To 20', Add	6.60	
For Elevated Installation >20' To 25', Add	8.26	
For Elevated Installation >25' To 30', Add	11.56	
For Elevated Installation >30' To 35', Add	13.21	
For Elevated Installation >35' To 40', Add	16.51	
For Elevated Installation >40', Add	18.16	
26 05 33 13-0723 EA 3/4" Electrical Metallic Tubing (EMT) Expansion Coupling	74.95	15.98
For Work In Restricted Working Space, Add	12.01	
For Elevated Installation >10' To 15', Add	4.00	
For Elevated Installation >15' To 20', Add	8.01	
For Elevated Installation >20' To 25', Add	10.01	
For Elevated Installation >25' To 30', Add	14.01	
For Elevated Installation >30' To 35', Add	16.01	
For Elevated Installation >35' To 40', Add	20.02	
For Elevated Installation >40', Add	22.02	
26 05 33 13-0724 EA 1" Electrical Metallic Tubing (EMT) Expansion Coupling	91.73	20.05
For Work In Restricted Working Space, Add	15.01	
For Elevated Installation >10' To 15', Add	5.00	
For Elevated Installation >15' To 20', Add	10.01	
For Elevated Installation >20' To 25', Add	12.51	
For Elevated Installation >25' To 30', Add	17.51	
For Elevated Installation >30' To 35', Add	20.02	
For Elevated Installation >35' To 40', Add	25.02	
For Elevated Installation >40', Add	27.52	
26 05 33 13-0725 EA 1-1/4" Electrical Metallic Tubing (EMT) Expansion Coupling	119.97	24.61
For Work In Restricted Working Space, Add	18.47	
For Elevated Installation >10' To 15', Add	6.16	
For Elevated Installation >15' To 20', Add	12.31	
For Elevated Installation >20' To 25', Add	15.39	
For Elevated Installation >25' To 30', Add	21.55	
For Elevated Installation >30' To 35', Add	24.62	
For Elevated Installation >35' To 40', Add	30.78	
For Elevated Installation >40', Add	33.86	
26 05 33 13-0726 EA 1-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	150.91	28.88
For Work In Restricted Working Space, Add	21.66	
For Elevated Installation >10' To 15', Add	7.22	
For Elevated Installation >15' To 20', Add	14.44	
For Elevated Installation >20' To 25', Add	18.05	
For Elevated Installation >25' To 30', Add	25.27	
For Elevated Installation >30' To 35', Add	28.88	
For Elevated Installation >35' To 40', Add	36.10	
For Elevated Installation >40', Add	39.70	
26 05 33 13-0727 EA 2" Electrical Metallic Tubing (EMT) Expansion Coupling	190.27	35.13
For Work In Restricted Working Space, Add	26.37	
For Elevated Installation >10' To 15', Add	8.79	
For Elevated Installation >15' To 20', Add	17.58	
For Elevated Installation >20' To 25', Add	21.98	
For Elevated Installation >25' To 30', Add	30.77	
For Elevated Installation >30' To 35', Add	35.16	
For Elevated Installation >35' To 40', Add	43.96	
For Elevated Installation >40', Add	48.35	
26 05 33 13-0728 EA 2-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	386.91	45.16
For Work In Restricted Working Space, Add	33.87	
For Elevated Installation >10' To 15', Add	11.29	
For Elevated Installation >15' To 20', Add	22.58	
For Elevated Installation >20' To 25', Add	28.23	
For Elevated Installation >25' To 30', Add	39.52	
For Elevated Installation >30' To 35', Add	45.16	
For Elevated Installation >35' To 40', Add	56.46	
For Elevated Installation >40', Add	62.10	
26 05 33 13-0729 EA 3" Electrical Metallic Tubing (EMT) Expansion Coupling	475.84	52.79
For Work In Restricted Working Space, Add	39.61	
For Elevated Installation >10' To 15', Add	13.20	
For Elevated Installation >15' To 20', Add	26.40	
For Elevated Installation >20' To 25', Add	33.01	
For Elevated Installation >25' To 30', Add	46.21	
For Elevated Installation >30' To 35', Add	52.81	
For Elevated Installation >35' To 40', Add	66.01	
For Elevated Installation >40', Add	72.61	
26 05 33 13-0730 EA 3-1/2" Electrical Metallic Tubing (EMT) Expansion Coupling	592.26	57.55
For Work In Restricted Working Space, Add	43.18	
For Elevated Installation >10' To 15', Add	14.39	
For Elevated Installation >15' To 20', Add	28.79	
For Elevated Installation >20' To 25', Add	35.99	
For Elevated Installation >25' To 30', Add	50.38	
For Elevated Installation >30' To 35', Add	57.58	
For Elevated Installation >35' To 40', Add	71.97	
For Elevated Installation >40', Add	79.17	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-0731	EA	4" Electrical Metallic Tubing (EMT) Expansion Coupling	639.73	63.51
		<i>For Work In Restricted Working Space, Add</i>	47.65	
		<i>For Elevated Installation >10' To 15', Add</i>	15.88	
		<i>For Elevated Installation >15' To 20', Add</i>	31.77	
		<i>For Elevated Installation >20' To 25', Add</i>	39.71	
		<i>For Elevated Installation >25' To 30', Add</i>	55.59	
		<i>For Elevated Installation >30' To 35', Add</i>	63.53	
		<i>For Elevated Installation >35' To 40', Add</i>	79.42	
		<i>For Elevated Installation >40', Add</i>	87.36	

26 05 33 13-0732 Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapters

26 05 33 13-0733	EA	1/2" To 3/8" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter	10.58	3.57
		<i>For Work In Restricted Working Space, Add</i>	2.64	
		<i>For Elevated Installation >10' To 15', Add</i>	0.88	
		<i>For Elevated Installation >15' To 20', Add</i>	1.76	
		<i>For Elevated Installation >20' To 25', Add</i>	2.20	
		<i>For Elevated Installation >25' To 30', Add</i>	3.08	
		<i>For Elevated Installation >30' To 35', Add</i>	3.52	
		<i>For Elevated Installation >35' To 40', Add</i>	4.41	
		<i>For Elevated Installation >40', Add</i>	4.85	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.64	
26 05 33 13-0734	EA	1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	11.53	3.57
		<i>For Work In Restricted Working Space, Add</i>	2.64	
		<i>For Elevated Installation >10' To 15', Add</i>	0.88	
		<i>For Elevated Installation >15' To 20', Add</i>	1.76	
		<i>For Elevated Installation >20' To 25', Add</i>	2.20	
		<i>For Elevated Installation >25' To 30', Add</i>	3.08	
		<i>For Elevated Installation >30' To 35', Add</i>	3.52	
		<i>For Elevated Installation >35' To 40', Add</i>	4.41	
		<i>For Elevated Installation >40', Add</i>	4.85	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.64	
26 05 33 13-0735	EA	3/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	12.92	3.87
		<i>For Work In Restricted Working Space, Add</i>	2.94	
		<i>For Elevated Installation >10' To 15', Add</i>	0.98	
		<i>For Elevated Installation >15' To 20', Add</i>	1.96	
		<i>For Elevated Installation >20' To 25', Add</i>	2.45	
		<i>For Elevated Installation >25' To 30', Add</i>	3.43	
		<i>For Elevated Installation >30' To 35', Add</i>	3.92	
		<i>For Elevated Installation >35' To 40', Add</i>	4.90	
		<i>For Elevated Installation >40', Add</i>	5.38	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.94	
26 05 33 13-0736	EA	1" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	15.15	4.46
		<i>For Work In Restricted Working Space, Add</i>	3.34	
		<i>For Elevated Installation >10' To 15', Add</i>	1.11	
		<i>For Elevated Installation >15' To 20', Add</i>	2.23	
		<i>For Elevated Installation >20' To 25', Add</i>	2.79	
		<i>For Elevated Installation >25' To 30', Add</i>	3.90	
		<i>For Elevated Installation >30' To 35', Add</i>	4.46	
		<i>For Elevated Installation >35' To 40', Add</i>	5.57	
		<i>For Elevated Installation >40', Add</i>	6.13	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.34	
26 05 33 13-0737	EA	1-1/4" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	22.57	5.36
		<i>For Work In Restricted Working Space, Add</i>	4.04	
		<i>For Elevated Installation >10' To 15', Add</i>	1.35	
		<i>For Elevated Installation >15' To 20', Add</i>	2.70	
		<i>For Elevated Installation >20' To 25', Add</i>	3.37	
		<i>For Elevated Installation >25' To 30', Add</i>	4.72	
		<i>For Elevated Installation >30' To 35', Add</i>	5.39	
		<i>For Elevated Installation >35' To 40', Add</i>	6.74	
		<i>For Elevated Installation >40', Add</i>	7.41	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.04	
26 05 33 13-0738	EA	1-1/2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	28.04	6.16
		<i>For Work In Restricted Working Space, Add</i>	4.62	
		<i>For Elevated Installation >10' To 15', Add</i>	1.54	
		<i>For Elevated Installation >15' To 20', Add</i>	3.08	
		<i>For Elevated Installation >20' To 25', Add</i>	3.85	
		<i>For Elevated Installation >25' To 30', Add</i>	5.39	
		<i>For Elevated Installation >30' To 35', Add</i>	6.16	
		<i>For Elevated Installation >35' To 40', Add</i>	7.70	
		<i>For Elevated Installation >40', Add</i>	8.47	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.62	
26 05 33 13-0739	EA	2" Electrical Metallic Tubing (EMT) To Flexible Conduit Compression Adapter.....	36.89	7.74
		<i>For Work In Restricted Working Space, Add</i>	5.78	
		<i>For Elevated Installation >10' To 15', Add</i>	1.93	
		<i>For Elevated Installation >15' To 20', Add</i>	3.85	
		<i>For Elevated Installation >20' To 25', Add</i>	4.81	
		<i>For Elevated Installation >25' To 30', Add</i>	6.74	
		<i>For Elevated Installation >30' To 35', Add</i>	7.70	
		<i>For Elevated Installation >35' To 40', Add</i>	9.63	
		<i>For Elevated Installation >40', Add</i>	10.59	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.78	

26 05 33 13-0740 Electrical Metallic Tubing (EMT) Pulling Elbows (26 05 33 13-0599)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0741 EA 1/2" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	22.45	8.94
For Work In Restricted Working Space, Add	5.36	
For Elevated Installation >15' To 20', Add	3.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.36	
26 05 33 13-0742 EA 3/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	26.16	10.42
For Work In Restricted Working Space, Add	6.25	
For Elevated Installation >15' To 20', Add	4.17	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.25	
26 05 33 13-0743 EA 1" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	33.33	11.90
For Work In Restricted Working Space, Add	7.15	
For Elevated Installation >15' To 20', Add	4.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.15	
26 05 33 13-0744 EA 1-1/4" Electrical Metallic Tubing (EMT) Pulling Elbow With Set Screws	42.85	14.88
For Work In Restricted Working Space, Add	8.93	
For Elevated Installation >15' To 20', Add	5.95	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.93	
26 05 33 13-0745 Intermediate Metal Conduit (IMC) <small>(26 05 33 13-0059)</small>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0746 Intermediate Metal Conduit (IMC) Conduit <small>(26 05 33 13-0745)</small>		
Note: Includes field bending conduit up to 1".		
26 05 33 13-0747 LF 1/2" Intermediate Metal Conduit (IMC) Conduit	7.72	1.99
For Installation In Metal Stud Wall, Add	0.52	
For >1,000, Deduct	-0.26	
For Elevated Installation >10' To 15', Add	0.52	
For Elevated Installation >15' To 20', Add	1.03	
For Elevated Installation >20' To 25', Add	1.29	
For Elevated Installation >25' To 30', Add	1.81	
For Elevated Installation >30' To 35', Add	2.06	
For Elevated Installation >35' To 40', Add	2.58	
For Elevated Installation >40', Add	2.84	
For Work In Restricted Working Space, Add	1.55	
For >500 To 1,000, Deduct	-0.19	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.77	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.29	
For >250 To 500, Deduct	-0.13	
26 05 33 13-0748 LF 3/4" Intermediate Metal Conduit (IMC) Conduit	9.22	2.19
For Installation In Metal Stud Wall, Add	0.62	
For >1,000, Deduct	-0.31	
For Elevated Installation >10' To 15', Add	0.62	
For Elevated Installation >15' To 20', Add	1.23	
For Elevated Installation >20' To 25', Add	1.54	
For Elevated Installation >25' To 30', Add	2.16	
For Elevated Installation >30' To 35', Add	2.46	
For Elevated Installation >35' To 40', Add	3.08	
For Elevated Installation >40', Add	3.39	
For Work In Restricted Working Space, Add	1.85	
For >500 To 1,000, Deduct	-0.23	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.92	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.54	
For >250 To 500, Deduct	-0.15	
26 05 33 13-0749 LF 1" Intermediate Metal Conduit (IMC) Conduit	12.46	2.39
For Installation In Metal Stud Wall, Add	0.77	
For >1,000, Deduct	-0.47	
For Elevated Installation >10' To 15', Add	0.77	
For Elevated Installation >15' To 20', Add	1.55	
For Elevated Installation >20' To 25', Add	1.94	
For Elevated Installation >25' To 30', Add	2.71	
For Elevated Installation >30' To 35', Add	3.10	
For Elevated Installation >35' To 40', Add	3.87	
For Elevated Installation >40', Add	4.26	
For Work In Restricted Working Space, Add	2.32	
For >500 To 1,000, Deduct	-0.35	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.16	
For Installation In Wood Stud Wall (Includes Drilling), Add	1.94	
For >250 To 500, Deduct	-0.24	
26 05 33 13-0750 LF 1-1/4" Intermediate Metal Conduit (IMC) Conduit	14.51	4.76
For Installation In Metal Stud Wall, Add	0.85	
For >1,000, Deduct	-0.60	
For Elevated Installation >10' To 15', Add	0.85	
For Elevated Installation >15' To 20', Add	1.71	
For Elevated Installation >20' To 25', Add	2.13	
For Elevated Installation >25' To 30', Add	2.99	
For Elevated Installation >30' To 35', Add	3.41	
For Elevated Installation >35' To 40', Add	4.27	
For Elevated Installation >40', Add	4.69	
For Work In Restricted Working Space, Add	2.56	
For >500 To 1,000, Deduct	-0.45	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.28	
For Installation In Wood Stud Wall (Includes Drilling), Add	2.13	
For >250 To 500, Deduct	-0.30	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0751	LF	1-1/2" Intermediate Metal Conduit (IMC) Conduit	16.39	3.18
			For Installation In Metal Stud Wall, Add	0.93	
			For >1,000, Deduct	-0.71	
			For Elevated Installation >10' To 15', Add	0.93	
			For Elevated Installation >15' To 20', Add	1.87	
			For Elevated Installation >20' To 25', Add	2.33	
			For Elevated Installation >25' To 30', Add	3.27	
			For Elevated Installation >30' To 35', Add	3.73	
			For Elevated Installation >35' To 40', Add	4.67	
			For Elevated Installation >40', Add	5.13	
			For Work In Restricted Working Space, Add	2.80	
			For >500 To 1,000, Deduct	-0.53	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.40	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.33	
			For >250 To 500, Deduct	-0.35	
26 05 33	13-0752	LF	2" Intermediate Metal Conduit (IMC) Conduit	20.89	3.57
			For Installation In Metal Stud Wall, Add	1.13	
			For >1,000, Deduct	-0.96	
			For Elevated Installation >10' To 15', Add	1.13	
			For Elevated Installation >15' To 20', Add	2.26	
			For Elevated Installation >20' To 25', Add	2.83	
			For Elevated Installation >25' To 30', Add	3.96	
			For Elevated Installation >30' To 35', Add	4.52	
			For Elevated Installation >35' To 40', Add	5.66	
			For Elevated Installation >40', Add	6.22	
			For Work In Restricted Working Space, Add	3.39	
			For >500 To 1,000, Deduct	-0.72	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.70	
			For Installation In Wood Stud Wall (Includes Drilling), Add	2.83	
			For >250 To 500, Deduct	-0.48	
26 05 33	13-0753	LF	2-1/2" Intermediate Metal Conduit (IMC) Conduit	36.21	4.76
			For Installation In Metal Stud Wall, Add	1.50	
			For >1,000, Deduct	-2.12	
			For Elevated Installation >10' To 15', Add	1.50	
			For Elevated Installation >15' To 20', Add	3.00	
			For Elevated Installation >20' To 25', Add	3.75	
			For Elevated Installation >25' To 30', Add	5.24	
			For Elevated Installation >30' To 35', Add	5.99	
			For Elevated Installation >35' To 40', Add	7.49	
			For Elevated Installation >40', Add	8.24	
			For Work In Restricted Working Space, Add	4.49	
			For >500 To 1,000, Deduct	-1.59	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.25	
			For Installation In Wood Stud Wall (Includes Drilling), Add	3.75	
			For >250 To 500, Deduct	-1.06	
26 05 33	13-0754	LF	3" Intermediate Metal Conduit (IMC) Conduit	45.98	5.96
			For Installation In Metal Stud Wall, Add	1.99	
			For >1,000, Deduct	-2.61	
			For Elevated Installation >10' To 15', Add	1.99	
			For Elevated Installation >15' To 20', Add	3.97	
			For Elevated Installation >20' To 25', Add	4.96	
			For Elevated Installation >25' To 30', Add	6.95	
			For Elevated Installation >30' To 35', Add	7.94	
			For Elevated Installation >35' To 40', Add	9.93	
			For Elevated Installation >40', Add	10.92	
			For Work In Restricted Working Space, Add	5.96	
			For >500 To 1,000, Deduct	-1.96	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	2.98	
			For Installation In Wood Stud Wall (Includes Drilling), Add	4.96	
			For >250 To 500, Deduct	-1.31	
26 05 33	13-0755	LF	3-1/2" Intermediate Metal Conduit (IMC) Conduit	52.98	7.14
			For Installation In Metal Stud Wall, Add	2.27	
			For >1,000, Deduct	-3.03	
			For Elevated Installation >10' To 15', Add	2.27	
			For Elevated Installation >15' To 20', Add	4.54	
			For Elevated Installation >20' To 25', Add	5.68	
			For Elevated Installation >25' To 30', Add	7.95	
			For Elevated Installation >30' To 35', Add	9.09	
			For Elevated Installation >35' To 40', Add	11.36	
			For Elevated Installation >40', Add	12.50	
			For Work In Restricted Working Space, Add	6.82	
			For >500 To 1,000, Deduct	-2.27	
			For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	3.41	
			For Installation In Wood Stud Wall (Includes Drilling), Add	5.68	
			For >250 To 500, Deduct	-1.51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0756 LF 4" Intermediate Metal Conduit (IMC) Conduit	62.12	8.33
<i>For Installation In Metal Stud Wall, Add</i>	2.65	
<i>For >1,000, Deduct</i>	-3.56	
<i>For Elevated Installation >10' To 15', Add</i>	2.65	
<i>For Elevated Installation >15' To 20', Add</i>	5.30	
<i>For Elevated Installation >20' To 25', Add</i>	6.63	
<i>For Elevated Installation >25' To 30', Add</i>	9.28	
<i>For Elevated Installation >30' To 35', Add</i>	10.60	
<i>For Elevated Installation >35' To 40', Add</i>	13.25	
<i>For Elevated Installation >40', Add</i>	14.58	
<i>For Work In Restricted Working Space, Add</i>	7.95	
<i>For >500 To 1,000, Deduct</i>	-2.67	
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	3.98	
<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	6.63	
<i>For >250 To 500, Deduct</i>	-1.78	
26 05 33 13-0757 Intermediate Metal Conduit (IMC) 90 Degree Elbows <small>(26 05 33 13-0745)</small>		
See CSI section 26 05 33 13-2319 for conduit field bending.		
26 05 33 13-0758 EA 1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	36.42	9.83
<i>For Elevated Installation >10' To 15', Add</i>	2.46	
<i>For Elevated Installation >15' To 20', Add</i>	4.93	
<i>For Elevated Installation >20' To 25', Add</i>	6.16	
<i>For Elevated Installation >25' To 30', Add</i>	8.62	
<i>For Elevated Installation >30' To 35', Add</i>	9.86	
<i>For Elevated Installation >35' To 40', Add</i>	12.32	
<i>For Elevated Installation >40', Add</i>	13.55	
<i>For Work In Restricted Working Space, Add</i>	7.39	
26 05 33 13-0759 EA 3/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	43.86	12.20
<i>For Elevated Installation >10' To 15', Add</i>	3.06	
<i>For Elevated Installation >15' To 20', Add</i>	6.13	
<i>For Elevated Installation >20' To 25', Add</i>	7.66	
<i>For Elevated Installation >25' To 30', Add</i>	10.72	
<i>For Elevated Installation >30' To 35', Add</i>	12.26	
<i>For Elevated Installation >35' To 40', Add</i>	15.32	
<i>For Elevated Installation >40', Add</i>	16.85	
<i>For Work In Restricted Working Space, Add</i>	9.19	
26 05 33 13-0760 EA 1" Intermediate Metal Conduit (IMC) 90 Degree Elbow	56.15	14.98
<i>For Elevated Installation >10' To 15', Add</i>	3.74	
<i>For Elevated Installation >15' To 20', Add</i>	7.47	
<i>For Elevated Installation >20' To 25', Add</i>	9.34	
<i>For Elevated Installation >25' To 30', Add</i>	13.08	
<i>For Elevated Installation >30' To 35', Add</i>	14.94	
<i>For Elevated Installation >35' To 40', Add</i>	18.68	
<i>For Elevated Installation >40', Add</i>	20.55	
<i>For Work In Restricted Working Space, Add</i>	11.21	
26 05 33 13-0761 EA 1-1/4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	69.73	17.37
<i>For Elevated Installation >10' To 15', Add</i>	4.34	
<i>For Elevated Installation >15' To 20', Add</i>	8.68	
<i>For Elevated Installation >20' To 25', Add</i>	10.85	
<i>For Elevated Installation >25' To 30', Add</i>	15.18	
<i>For Elevated Installation >30' To 35', Add</i>	17.35	
<i>For Elevated Installation >35' To 40', Add</i>	21.69	
<i>For Elevated Installation >40', Add</i>	23.86	
<i>For Work In Restricted Working Space, Add</i>	13.01	
26 05 33 13-0762 EA 1-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	83.12	19.95
<i>For Elevated Installation >10' To 15', Add</i>	4.98	
<i>For Elevated Installation >15' To 20', Add</i>	9.96	
<i>For Elevated Installation >20' To 25', Add</i>	12.45	
<i>For Elevated Installation >25' To 30', Add</i>	17.43	
<i>For Elevated Installation >30' To 35', Add</i>	19.92	
<i>For Elevated Installation >35' To 40', Add</i>	24.90	
<i>For Elevated Installation >40', Add</i>	27.38	
<i>For Work In Restricted Working Space, Add</i>	14.94	
26 05 33 13-0763 EA 2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	102.74	21.93
<i>For Elevated Installation >10' To 15', Add</i>	5.48	
<i>For Elevated Installation >15' To 20', Add</i>	10.95	
<i>For Elevated Installation >20' To 25', Add</i>	13.69	
<i>For Elevated Installation >25' To 30', Add</i>	19.17	
<i>For Elevated Installation >30' To 35', Add</i>	21.91	
<i>For Elevated Installation >35' To 40', Add</i>	27.39	
<i>For Elevated Installation >40', Add</i>	30.12	
<i>For Work In Restricted Working Space, Add</i>	16.43	
26 05 33 13-0764 EA 2-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	149.93	27.39
<i>For Elevated Installation >10' To 15', Add</i>	6.85	
<i>For Elevated Installation >15' To 20', Add</i>	13.69	
<i>For Elevated Installation >20' To 25', Add</i>	17.12	
<i>For Elevated Installation >25' To 30', Add</i>	23.96	
<i>For Elevated Installation >30' To 35', Add</i>	27.39	
<i>For Elevated Installation >35' To 40', Add</i>	34.24	
<i>For Elevated Installation >40', Add</i>	37.66	
<i>For Work In Restricted Working Space, Add</i>	20.54	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
26 05 33 13-0765	EA	3" Intermediate Metal Conduit (IMC) 90 Degree Elbow	217.97		37.32
		<i>For Elevated Installation >10' To 15', Add</i>	9.33		
		<i>For Elevated Installation >15' To 20', Add</i>	18.65		
		<i>For Elevated Installation >20' To 25', Add</i>	23.32		
		<i>For Elevated Installation >25' To 30', Add</i>	32.64		
		<i>For Elevated Installation >30' To 35', Add</i>	37.31		
		<i>For Elevated Installation >35' To 40', Add</i>	46.64		
		<i>For Elevated Installation >40', Add</i>	51.30		
		<i>For Work In Restricted Working Space, Add</i>	27.98		
26 05 33 13-0766	EA	3-1/2" Intermediate Metal Conduit (IMC) 90 Degree Elbow	325.36		42.08
		<i>For Elevated Installation >10' To 15', Add</i>	10.52		
		<i>For Elevated Installation >15' To 20', Add</i>	21.04		
		<i>For Elevated Installation >20' To 25', Add</i>	26.30		
		<i>For Elevated Installation >25' To 30', Add</i>	36.82		
		<i>For Elevated Installation >30' To 35', Add</i>	42.08		
		<i>For Elevated Installation >35' To 40', Add</i>	52.61		
		<i>For Elevated Installation >40', Add</i>	57.87		
		<i>For Work In Restricted Working Space, Add</i>	31.56		
26 05 33 13-0767	EA	4" Intermediate Metal Conduit (IMC) 90 Degree Elbow	392.29		54.78
		<i>For Elevated Installation >10' To 15', Add</i>	13.69		
		<i>For Elevated Installation >15' To 20', Add</i>	27.38		
		<i>For Elevated Installation >20' To 25', Add</i>	34.23		
		<i>For Elevated Installation >25' To 30', Add</i>	47.92		
		<i>For Elevated Installation >30' To 35', Add</i>	54.77		
		<i>For Elevated Installation >35' To 40', Add</i>	68.46		
		<i>For Elevated Installation >40', Add</i>	75.31		
		<i>For Work In Restricted Working Space, Add</i>	41.08		
26 05 33 13-0768		Intermediate Metal Conduit (IMC) Bushing Sets With Locknut <small>(26 05 33 13-0745)</small>			
26 05 33 13-0769	EA	1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	13.72		5.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87		
26 05 33 13-0770	EA	3/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	16.28		0.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46		
26 05 33 13-0771	EA	1" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	21.17		7.54
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66		
26 05 33 13-0772	EA	1-1/4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	25.92		9.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.85		
26 05 33 13-0773	EA	1-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	29.23		9.93
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44		
26 05 33 13-0774	EA	2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	38.04		12.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.23		
26 05 33 13-0775	EA	2-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	72.33		19.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89		
26 05 33 13-0776	EA	3" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	87.67		27.00
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.24		
26 05 33 13-0777	EA	3-1/2" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	116.89		32.15
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.12		
26 05 33 13-0778	EA	4" Intermediate Metal Conduit (IMC) Bushing Set With Locknut.....	138.43		37.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.98		
26 05 33 13-0779		Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fittings <small>(26 05 33 13-0745)</small>			
		Note: 3-Piece coupling.			
26 05 33 13-0780	EA	1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	46.06		15.87
		<i>For Elevated Installation >10' To 15', Add</i>	3.97		
		<i>For Elevated Installation >15' To 20', Add</i>	7.95		
		<i>For Elevated Installation >20' To 25', Add</i>	9.94		
		<i>For Elevated Installation >25' To 30', Add</i>	13.91		
		<i>For Elevated Installation >30' To 35', Add</i>	15.90		
		<i>For Elevated Installation >35' To 40', Add</i>	19.87		
		<i>For Elevated Installation >40', Add</i>	21.86		
		<i>For Work In Restricted Working Space, Add</i>	11.92		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.92		
26 05 33 13-0781	EA	3/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	52.50		17.76
		<i>For Elevated Installation >10' To 15', Add</i>	4.44		
		<i>For Elevated Installation >15' To 20', Add</i>	8.87		
		<i>For Elevated Installation >20' To 25', Add</i>	11.09		
		<i>For Elevated Installation >25' To 30', Add</i>	15.53		
		<i>For Elevated Installation >30' To 35', Add</i>	17.74		
		<i>For Elevated Installation >35' To 40', Add</i>	22.18		
		<i>For Elevated Installation >40', Add</i>	24.40		
		<i>For Work In Restricted Working Space, Add</i>	13.31		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.31		
26 05 33 13-0782	EA	1" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	65.10		19.75
		<i>For Elevated Installation >10' To 15', Add</i>	4.94		
		<i>For Elevated Installation >15' To 20', Add</i>	9.88		
		<i>For Elevated Installation >20' To 25', Add</i>	12.35		
		<i>For Elevated Installation >25' To 30', Add</i>	17.29		
		<i>For Elevated Installation >30' To 35', Add</i>	19.76		
		<i>For Elevated Installation >35' To 40', Add</i>	24.71		
		<i>For Elevated Installation >40', Add</i>	27.18		
		<i>For Work In Restricted Working Space, Add</i>	14.82		
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.82		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0783 EA 1-1/4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	82.94	21.63
For Elevated Installation >10' To 15', Add	5.41	
For Elevated Installation >15' To 20', Add	10.81	
For Elevated Installation >20' To 25', Add	13.52	
For Elevated Installation >25' To 30', Add	18.92	
For Elevated Installation >30' To 35', Add	21.63	
For Elevated Installation >35' To 40', Add	27.04	
For Elevated Installation >40', Add	29.74	
For Work In Restricted Working Space, Add	16.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.22	
26 05 33 13-0784 EA 1-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	95.38	23.62
For Elevated Installation >10' To 15', Add	5.92	
For Elevated Installation >15' To 20', Add	11.83	
For Elevated Installation >20' To 25', Add	14.79	
For Elevated Installation >25' To 30', Add	20.70	
For Elevated Installation >30' To 35', Add	23.66	
For Elevated Installation >35' To 40', Add	29.58	
For Elevated Installation >40', Add	32.53	
For Work In Restricted Working Space, Add	17.75	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.75	
26 05 33 13-0785 EA 2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	136.53	25.60
For Elevated Installation >10' To 15', Add	6.41	
For Elevated Installation >15' To 20', Add	12.81	
For Elevated Installation >20' To 25', Add	16.02	
For Elevated Installation >25' To 30', Add	22.42	
For Elevated Installation >30' To 35', Add	25.62	
For Elevated Installation >35' To 40', Add	32.03	
For Elevated Installation >40', Add	35.23	
For Work In Restricted Working Space, Add	19.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.22	
26 05 33 13-0786 EA 2-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	234.39	31.76
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
For Work In Restricted Working Space, Add	23.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.81	
26 05 33 13-0787 EA 3" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	335.63	39.69
For Elevated Installation >10' To 15', Add	9.92	
For Elevated Installation >15' To 20', Add	19.85	
For Elevated Installation >20' To 25', Add	24.81	
For Elevated Installation >25' To 30', Add	34.73	
For Elevated Installation >30' To 35', Add	39.70	
For Elevated Installation >35' To 40', Add	49.62	
For Elevated Installation >40', Add	54.58	
For Work In Restricted Working Space, Add	29.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.77	
26 05 33 13-0788 EA 3-1/2" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting	498.90	47.64
For Elevated Installation >10' To 15', Add	11.91	
For Elevated Installation >15' To 20', Add	23.83	
For Elevated Installation >20' To 25', Add	29.78	
For Elevated Installation >25' To 30', Add	41.70	
For Elevated Installation >30' To 35', Add	47.65	
For Elevated Installation >35' To 40', Add	59.57	
For Elevated Installation >40', Add	65.52	
For Work In Restricted Working Space, Add	35.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.74	
26 05 33 13-0789 EA 4" Intermediate Metal Conduit (IMC) Erickson Or "Kwik-Couple" Fitting.....	578.52	51.61
For Elevated Installation >10' To 15', Add	12.90	
For Elevated Installation >15' To 20', Add	25.80	
For Elevated Installation >20' To 25', Add	32.25	
For Elevated Installation >25' To 30', Add	45.15	
For Elevated Installation >30' To 35', Add	51.60	
For Elevated Installation >35' To 40', Add	64.50	
For Elevated Installation >40', Add	70.95	
For Work In Restricted Working Space, Add	38.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.70	
26 05 33 13-0790 Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connectors (26 05 33 13-0745)		
26 05 33 13-0791 EA 1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector	26.73	7.94
For Elevated Installation >10' To 15', Add	1.99	
For Elevated Installation >15' To 20', Add	3.97	
For Elevated Installation >20' To 25', Add	4.96	
For Elevated Installation >25' To 30', Add	6.95	
For Elevated Installation >30' To 35', Add	7.94	
For Elevated Installation >35' To 40', Add	9.93	
For Elevated Installation >40', Add	10.92	
For Work In Restricted Working Space, Add	5.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 13-0792	EA	3/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		29.97	8.73
		For Elevated Installation >10' To 15', Add		2.18	
		For Elevated Installation >15' To 20', Add		4.37	
		For Elevated Installation >20' To 25', Add		5.46	
		For Elevated Installation >25' To 30', Add		7.64	
		For Elevated Installation >30' To 35', Add		8.73	
		For Elevated Installation >35' To 40', Add		10.92	
		For Elevated Installation >40', Add		12.01	
		For Work In Restricted Working Space, Add		6.55	
26 05 33 13-0793	EA	1" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		34.50	9.93
		For Elevated Installation >10' To 15', Add		2.48	
		For Elevated Installation >15' To 20', Add		4.96	
		For Elevated Installation >20' To 25', Add		6.20	
		For Elevated Installation >25' To 30', Add		8.68	
		For Elevated Installation >30' To 35', Add		9.92	
		For Elevated Installation >35' To 40', Add		12.41	
		For Elevated Installation >40', Add		13.65	
		For Work In Restricted Working Space, Add		7.44	
26 05 33 13-0794	EA	1-1/4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		39.59	10.72
		For Elevated Installation >10' To 15', Add		2.68	
		For Elevated Installation >15' To 20', Add		5.36	
		For Elevated Installation >20' To 25', Add		6.70	
		For Elevated Installation >25' To 30', Add		9.38	
		For Elevated Installation >30' To 35', Add		10.72	
		For Elevated Installation >35' To 40', Add		13.40	
		For Elevated Installation >40', Add		14.74	
		For Work In Restricted Working Space, Add		8.04	
26 05 33 13-0795	EA	1-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		47.60	11.90
		For Elevated Installation >10' To 15', Add		2.98	
		For Elevated Installation >15' To 20', Add		5.95	
		For Elevated Installation >20' To 25', Add		7.44	
		For Elevated Installation >25' To 30', Add		10.42	
		For Elevated Installation >30' To 35', Add		11.91	
		For Elevated Installation >35' To 40', Add		14.89	
		For Elevated Installation >40', Add		16.37	
		For Work In Restricted Working Space, Add		8.93	
26 05 33 13-0796	EA	2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		59.10	13.10
		For Elevated Installation >10' To 15', Add		3.28	
		For Elevated Installation >15' To 20', Add		6.55	
		For Elevated Installation >20' To 25', Add		8.19	
		For Elevated Installation >25' To 30', Add		11.46	
		For Elevated Installation >30' To 35', Add		13.10	
		For Elevated Installation >35' To 40', Add		16.38	
		For Elevated Installation >40', Add		18.01	
		For Work In Restricted Working Space, Add		9.83	
26 05 33 13-0797	EA	2-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		81.93	15.87
		For Elevated Installation >10' To 15', Add		3.97	
		For Elevated Installation >15' To 20', Add		7.94	
		For Elevated Installation >20' To 25', Add		9.92	
		For Elevated Installation >25' To 30', Add		13.89	
		For Elevated Installation >30' To 35', Add		15.88	
		For Elevated Installation >35' To 40', Add		19.85	
		For Elevated Installation >40', Add		21.83	
		For Work In Restricted Working Space, Add		11.91	
26 05 33 13-0798	EA	3" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		101.16	19.85
		For Elevated Installation >10' To 15', Add		4.96	
		For Elevated Installation >15' To 20', Add		9.92	
		For Elevated Installation >20' To 25', Add		12.41	
		For Elevated Installation >25' To 30', Add		17.37	
		For Elevated Installation >30' To 35', Add		19.85	
		For Elevated Installation >35' To 40', Add		24.81	
		For Elevated Installation >40', Add		27.29	
		For Work In Restricted Working Space, Add		14.89	
26 05 33 13-0799	EA	3-1/2" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT)			
		Connector		121.54	23.82
		For Elevated Installation >10' To 15', Add		5.95	
		For Elevated Installation >15' To 20', Add		11.91	
		For Elevated Installation >20' To 25', Add		14.89	
		For Elevated Installation >25' To 30', Add		20.84	
		For Elevated Installation >30' To 35', Add		23.82	
		For Elevated Installation >35' To 40', Add		29.77	
		For Elevated Installation >40', Add		32.75	
		For Work In Restricted Working Space, Add		17.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0800 EA 4" Rigid Galvanized Steel (RGS) Or Intermediate Metal Conduit (IMC) To Electrical Metallic Tubing (EMT) Connector.....	138.13	25.80
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33 13-0801 Intermediate Metal Conduit (IMC) Rain Tight Threaded Hubs <small>(26 05 33 13-0745)</small>		
26 05 33 13-0802 EA 1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	22.72	7.94
<i>For Elevated Installation >10' To 15', Add</i>	1.99	
<i>For Elevated Installation >15' To 20', Add</i>	3.97	
<i>For Elevated Installation >20' To 25', Add</i>	4.96	
<i>For Elevated Installation >25' To 30', Add</i>	6.95	
<i>For Elevated Installation >30' To 35', Add</i>	7.94	
<i>For Elevated Installation >35' To 40', Add</i>	9.93	
<i>For Elevated Installation >40', Add</i>	10.92	
<i>For Work In Restricted Working Space, Add</i>	5.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.96	
26 05 33 13-0803 EA 3/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	29.11	9.93
<i>For Elevated Installation >10' To 15', Add</i>	2.48	
<i>For Elevated Installation >15' To 20', Add</i>	4.96	
<i>For Elevated Installation >20' To 25', Add</i>	6.20	
<i>For Elevated Installation >25' To 30', Add</i>	8.68	
<i>For Elevated Installation >30' To 35', Add</i>	9.92	
<i>For Elevated Installation >35' To 40', Add</i>	12.41	
<i>For Elevated Installation >40', Add</i>	13.65	
<i>For Work In Restricted Working Space, Add</i>	7.44	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-0804 EA 1" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	36.13	11.90
<i>For Elevated Installation >10' To 15', Add</i>	2.98	
<i>For Elevated Installation >15' To 20', Add</i>	5.95	
<i>For Elevated Installation >20' To 25', Add</i>	7.44	
<i>For Elevated Installation >25' To 30', Add</i>	10.42	
<i>For Elevated Installation >30' To 35', Add</i>	11.91	
<i>For Elevated Installation >35' To 40', Add</i>	14.89	
<i>For Elevated Installation >40', Add</i>	16.37	
<i>For Work In Restricted Working Space, Add</i>	8.93	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.93	
26 05 33 13-0805 EA 1-1/4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	43.73	13.89
<i>For Elevated Installation >10' To 15', Add</i>	3.47	
<i>For Elevated Installation >15' To 20', Add</i>	6.95	
<i>For Elevated Installation >20' To 25', Add</i>	8.69	
<i>For Elevated Installation >25' To 30', Add</i>	12.16	
<i>For Elevated Installation >30' To 35', Add</i>	13.90	
<i>For Elevated Installation >35' To 40', Add</i>	17.37	
<i>For Elevated Installation >40', Add</i>	19.11	
<i>For Work In Restricted Working Space, Add</i>	10.42	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33 13-0806 EA 1-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	51.28	15.87
<i>For Elevated Installation >10' To 15', Add</i>	3.97	
<i>For Elevated Installation >15' To 20', Add</i>	7.94	
<i>For Elevated Installation >20' To 25', Add</i>	9.92	
<i>For Elevated Installation >25' To 30', Add</i>	13.89	
<i>For Elevated Installation >30' To 35', Add</i>	15.88	
<i>For Elevated Installation >35' To 40', Add</i>	19.85	
<i>For Elevated Installation >40', Add</i>	21.83	
<i>For Work In Restricted Working Space, Add</i>	11.91	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.91	
26 05 33 13-0807 EA 2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	61.39	17.86
<i>For Elevated Installation >10' To 15', Add</i>	4.47	
<i>For Elevated Installation >15' To 20', Add</i>	8.93	
<i>For Elevated Installation >20' To 25', Add</i>	11.16	
<i>For Elevated Installation >25' To 30', Add</i>	15.63	
<i>For Elevated Installation >30' To 35', Add</i>	17.86	
<i>For Elevated Installation >35' To 40', Add</i>	22.33	
<i>For Elevated Installation >40', Add</i>	24.56	
<i>For Work In Restricted Working Space, Add</i>	13.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.40	
26 05 33 13-0808 EA 2-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	77.68	19.85
<i>For Elevated Installation >10' To 15', Add</i>	4.96	
<i>For Elevated Installation >15' To 20', Add</i>	9.92	
<i>For Elevated Installation >20' To 25', Add</i>	12.41	
<i>For Elevated Installation >25' To 30', Add</i>	17.37	
<i>For Elevated Installation >30' To 35', Add</i>	19.85	
<i>For Elevated Installation >35' To 40', Add</i>	24.81	
<i>For Elevated Installation >40', Add</i>	27.29	
<i>For Work In Restricted Working Space, Add</i>	14.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0809	EA	3" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	92.35	21.83
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.91	
			<i>For Elevated Installation >20' To 25', Add</i>	13.64	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.01	
			<i>For Work In Restricted Working Space, Add</i>	16.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.37	
26 05 33	13-0810	EA	3-1/2" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub	113.48	25.80
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.35	
26 05 33	13-0811	EA	4" Intermediate Metal Conduit (IMC) Rain Tight Threaded Hub.....	131.27	27.79
			<i>For Elevated Installation >10' To 15', Add</i>	6.95	
			<i>For Elevated Installation >15' To 20', Add</i>	13.89	
			<i>For Elevated Installation >20' To 25', Add</i>	17.37	
			<i>For Elevated Installation >25' To 30', Add</i>	24.31	
			<i>For Elevated Installation >30' To 35', Add</i>	27.78	
			<i>For Elevated Installation >35' To 40', Add</i>	34.73	
			<i>For Elevated Installation >40', Add</i>	38.20	
			<i>For Work In Restricted Working Space, Add</i>	20.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.84	
26 05 33	13-0812		Intermediate Metal Conduit (IMC) Expansion Fittings <small>(26 05 33 13-0745)</small>		
26 05 33	13-0813	EA	1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	163.71	15.87
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.93	
			<i>For Elevated Installation >25' To 30', Add</i>	13.90	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.84	
			<i>For Work In Restricted Working Space, Add</i>	11.91	
26 05 33	13-0814	EA	3/4" Intermediate Metal Conduit (IMC) Expansion Fitting	181.07	17.86
			<i>For Elevated Installation >10' To 15', Add</i>	4.47	
			<i>For Elevated Installation >15' To 20', Add</i>	8.93	
			<i>For Elevated Installation >20' To 25', Add</i>	11.17	
			<i>For Elevated Installation >25' To 30', Add</i>	15.63	
			<i>For Elevated Installation >30' To 35', Add</i>	17.86	
			<i>For Elevated Installation >35' To 40', Add</i>	22.33	
			<i>For Elevated Installation >40', Add</i>	24.56	
			<i>For Work In Restricted Working Space, Add</i>	13.40	
26 05 33	13-0815	EA	1" Intermediate Metal Conduit (IMC) Expansion Fitting	201.22	19.85
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Work In Restricted Working Space, Add</i>	14.89	
26 05 33	13-0816	EA	1-1/4" Intermediate Metal Conduit (IMC) Expansion Fitting	243.69	21.83
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.92	
			<i>For Elevated Installation >20' To 25', Add</i>	13.65	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.02	
			<i>For Work In Restricted Working Space, Add</i>	16.37	
26 05 33	13-0817	EA	1-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	299.41	23.82
			<i>For Elevated Installation >10' To 15', Add</i>	5.95	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.77	
			<i>For Elevated Installation >40', Add</i>	32.75	
			<i>For Work In Restricted Working Space, Add</i>	17.86	
26 05 33	13-0818	EA	2" Intermediate Metal Conduit (IMC) Expansion Fitting	395.28	25.80
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.12	
			<i>For Elevated Installation >25' To 30', Add</i>	22.57	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.47	
			<i>For Work In Restricted Working Space, Add</i>	19.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0819 EA 2-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	598.97	31.76
<i>For Elevated Installation >10' To 15', Add</i>	7.94	
<i>For Elevated Installation >15' To 20', Add</i>	15.88	
<i>For Elevated Installation >20' To 25', Add</i>	19.85	
<i>For Elevated Installation >25' To 30', Add</i>	27.78	
<i>For Elevated Installation >30' To 35', Add</i>	31.75	
<i>For Elevated Installation >35' To 40', Add</i>	39.69	
<i>For Elevated Installation >40', Add</i>	43.66	
<i>For Work In Restricted Working Space, Add</i>	23.81	
26 05 33 13-0820 EA 3" Intermediate Metal Conduit (IMC) Expansion Fitting	719.66	39.69
<i>For Elevated Installation >10' To 15', Add</i>	9.92	
<i>For Elevated Installation >15' To 20', Add</i>	19.85	
<i>For Elevated Installation >20' To 25', Add</i>	24.81	
<i>For Elevated Installation >25' To 30', Add</i>	34.73	
<i>For Elevated Installation >30' To 35', Add</i>	39.70	
<i>For Elevated Installation >35' To 40', Add</i>	49.62	
<i>For Elevated Installation >40', Add</i>	54.58	
<i>For Work In Restricted Working Space, Add</i>	29.77	
26 05 33 13-0821 EA 3-1/2" Intermediate Metal Conduit (IMC) Expansion Fitting	1,005.43	47.64
<i>For Elevated Installation >10' To 15', Add</i>	11.91	
<i>For Elevated Installation >15' To 20', Add</i>	23.82	
<i>For Elevated Installation >20' To 25', Add</i>	29.78	
<i>For Elevated Installation >25' To 30', Add</i>	41.69	
<i>For Elevated Installation >30' To 35', Add</i>	47.64	
<i>For Elevated Installation >35' To 40', Add</i>	59.55	
<i>For Elevated Installation >40', Add</i>	65.51	
<i>For Work In Restricted Working Space, Add</i>	35.73	
26 05 33 13-0822 EA 4" Intermediate Metal Conduit (IMC) Expansion Fitting	1,163.83	51.61
<i>For Elevated Installation >10' To 15', Add</i>	12.90	
<i>For Elevated Installation >15' To 20', Add</i>	25.80	
<i>For Elevated Installation >20' To 25', Add</i>	32.25	
<i>For Elevated Installation >25' To 30', Add</i>	45.15	
<i>For Elevated Installation >30' To 35', Add</i>	51.60	
<i>For Elevated Installation >35' To 40', Add</i>	64.50	
<i>For Elevated Installation >40', Add</i>	70.95	
<i>For Work In Restricted Working Space, Add</i>	38.70	
26 05 33 13-0823 Intermediate Metal Conduit (IMC) Sealing Fittings, Vertical/Horizontal <small>(26 05 33 13-0745)</small>		
26 05 33 13-0824 EA 1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	97.34	24.81
<i>For Elevated Installation >10' To 15', Add</i>	4.96	
<i>For Elevated Installation >15' To 20', Add</i>	9.92	
<i>For Elevated Installation >20' To 25', Add</i>	12.41	
<i>For Elevated Installation >25' To 30', Add</i>	17.37	
<i>For Elevated Installation >30' To 35', Add</i>	19.85	
<i>For Elevated Installation >35' To 40', Add</i>	24.81	
<i>For Elevated Installation >40', Add</i>	27.29	
<i>For Work In Restricted Working Space, Add</i>	14.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33 13-0825 EA 3/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	115.58	29.77
<i>For Elevated Installation >10' To 15', Add</i>	5.95	
<i>For Elevated Installation >15' To 20', Add</i>	11.91	
<i>For Elevated Installation >20' To 25', Add</i>	14.89	
<i>For Elevated Installation >25' To 30', Add</i>	20.84	
<i>For Elevated Installation >30' To 35', Add</i>	23.82	
<i>For Elevated Installation >35' To 40', Add</i>	29.77	
<i>For Elevated Installation >40', Add</i>	32.75	
<i>For Work In Restricted Working Space, Add</i>	17.86	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.86	
26 05 33 13-0826 EA 1" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	141.49	34.73
<i>For Elevated Installation >10' To 15', Add</i>	6.95	
<i>For Elevated Installation >15' To 20', Add</i>	13.89	
<i>For Elevated Installation >20' To 25', Add</i>	17.37	
<i>For Elevated Installation >25' To 30', Add</i>	24.31	
<i>For Elevated Installation >30' To 35', Add</i>	27.79	
<i>For Elevated Installation >35' To 40', Add</i>	34.74	
<i>For Elevated Installation >40', Add</i>	38.21	
<i>For Work In Restricted Working Space, Add</i>	20.84	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.84	
26 05 33 13-0827 EA 1-1/4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal	166.84	39.69
<i>For Elevated Installation >10' To 15', Add</i>	7.94	
<i>For Elevated Installation >15' To 20', Add</i>	15.88	
<i>For Elevated Installation >20' To 25', Add</i>	19.85	
<i>For Elevated Installation >25' To 30', Add</i>	27.78	
<i>For Elevated Installation >30' To 35', Add</i>	31.75	
<i>For Elevated Installation >35' To 40', Add</i>	39.69	
<i>For Elevated Installation >40', Add</i>	43.66	
<i>For Work In Restricted Working Space, Add</i>	23.81	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.81	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0828	EA	1-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	220.99	44.66
			<i>For Elevated Installation >10' To 15', Add</i>	8.93	
			<i>For Elevated Installation >15' To 20', Add</i>	17.86	
			<i>For Elevated Installation >20' To 25', Add</i>	22.33	
			<i>For Elevated Installation >25' To 30', Add</i>	31.26	
			<i>For Elevated Installation >30' To 35', Add</i>	35.72	
			<i>For Elevated Installation >35' To 40', Add</i>	44.66	
			<i>For Elevated Installation >40', Add</i>	49.12	
			<i>For Work In Restricted Working Space, Add</i>	26.79	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.79	
26 05 33	13-0829	EA	2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	269.85	49.62
			<i>For Elevated Installation >10' To 15', Add</i>	9.92	
			<i>For Elevated Installation >15' To 20', Add</i>	19.85	
			<i>For Elevated Installation >20' To 25', Add</i>	24.81	
			<i>For Elevated Installation >25' To 30', Add</i>	34.73	
			<i>For Elevated Installation >30' To 35', Add</i>	39.70	
			<i>For Elevated Installation >35' To 40', Add</i>	49.62	
			<i>For Elevated Installation >40', Add</i>	54.58	
			<i>For Work In Restricted Working Space, Add</i>	29.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.77	
26 05 33	13-0830	EA	2-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	384.16	59.54
			<i>For Elevated Installation >10' To 15', Add</i>	11.91	
			<i>For Elevated Installation >15' To 20', Add</i>	23.82	
			<i>For Elevated Installation >20' To 25', Add</i>	29.77	
			<i>For Elevated Installation >25' To 30', Add</i>	41.68	
			<i>For Elevated Installation >30' To 35', Add</i>	47.64	
			<i>For Elevated Installation >35' To 40', Add</i>	59.55	
			<i>For Elevated Installation >40', Add</i>	65.50	
			<i>For Work In Restricted Working Space, Add</i>	35.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.73	
26 05 33	13-0831	EA	3" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	462.73	69.47
			<i>For Elevated Installation >10' To 15', Add</i>	13.89	
			<i>For Elevated Installation >15' To 20', Add</i>	27.79	
			<i>For Elevated Installation >20' To 25', Add</i>	34.73	
			<i>For Elevated Installation >25' To 30', Add</i>	48.63	
			<i>For Elevated Installation >30' To 35', Add</i>	55.57	
			<i>For Elevated Installation >35' To 40', Add</i>	69.47	
			<i>For Elevated Installation >40', Add</i>	76.41	
			<i>For Work In Restricted Working Space, Add</i>	41.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.68	
26 05 33	13-0832	EA	3-1/2" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	1,092.64	79.38
			<i>For Elevated Installation >10' To 15', Add</i>	15.88	
			<i>For Elevated Installation >15' To 20', Add</i>	31.76	
			<i>For Elevated Installation >20' To 25', Add</i>	39.70	
			<i>For Elevated Installation >25' To 30', Add</i>	55.57	
			<i>For Elevated Installation >30' To 35', Add</i>	63.51	
			<i>For Elevated Installation >35' To 40', Add</i>	79.39	
			<i>For Elevated Installation >40', Add</i>	87.33	
			<i>For Work In Restricted Working Space, Add</i>	47.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.63	
26 05 33	13-0833	EA	4" Intermediate Metal Conduit (IMC) Sealing Fitting, Vertical/Horizontal.....	1,259.43	89.31
			<i>For Elevated Installation >10' To 15', Add</i>	17.86	
			<i>For Elevated Installation >15' To 20', Add</i>	35.73	
			<i>For Elevated Installation >20' To 25', Add</i>	44.66	
			<i>For Elevated Installation >25' To 30', Add</i>	62.52	
			<i>For Elevated Installation >30' To 35', Add</i>	71.45	
			<i>For Elevated Installation >35' To 40', Add</i>	89.32	
			<i>For Elevated Installation >40', Add</i>	98.25	
			<i>For Work In Restricted Working Space, Add</i>	53.59	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.59	
26 05 33	13-0834		Intermediate Metal Conduit (IMC) Threaded Couplings <small>(26 05 33 13-0745)</small>		
26 05 33	13-0835	EA	1/2" Intermediate Metal Conduit (IMC) Threaded Coupling.....	13.53	4.76
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
			<i>For Work In Restricted Working Space, Add</i>	3.57	
26 05 33	13-0836	EA	3/4" Intermediate Metal Conduit (IMC) Threaded Coupling.....	18.86	6.75
			<i>For Elevated Installation >10' To 15', Add</i>	1.69	
			<i>For Elevated Installation >15' To 20', Add</i>	3.38	
			<i>For Elevated Installation >20' To 25', Add</i>	4.22	
			<i>For Elevated Installation >25' To 30', Add</i>	5.91	
			<i>For Elevated Installation >30' To 35', Add</i>	6.75	
			<i>For Elevated Installation >35' To 40', Add</i>	8.44	
			<i>For Elevated Installation >40', Add</i>	9.28	
			<i>For Work In Restricted Working Space, Add</i>	5.06	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0837 EA 1" Intermediate Metal Conduit (IMC) Threaded Coupling	24.77	8.73
For Elevated Installation >10' To 15', Add	2.18	
For Elevated Installation >15' To 20', Add	4.36	
For Elevated Installation >20' To 25', Add	5.46	
For Elevated Installation >25' To 30', Add	7.64	
For Elevated Installation >30' To 35', Add	8.73	
For Elevated Installation >35' To 40', Add	10.91	
For Elevated Installation >40', Add	12.00	
For Work In Restricted Working Space, Add	6.55	
26 05 33 13-0838 EA 1-1/4" Intermediate Metal Conduit (IMC) Threaded Coupling	28.49	9.93
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	
For Work In Restricted Working Space, Add	7.44	
26 05 33 13-0839 EA 1-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	34.40	11.90
For Elevated Installation >10' To 15', Add	2.98	
For Elevated Installation >15' To 20', Add	5.95	
For Elevated Installation >20' To 25', Add	7.44	
For Elevated Installation >25' To 30', Add	10.41	
For Elevated Installation >30' To 35', Add	11.90	
For Elevated Installation >35' To 40', Add	14.88	
For Elevated Installation >40', Add	16.36	
For Work In Restricted Working Space, Add	8.93	
26 05 33 13-0840 EA 2" Intermediate Metal Conduit (IMC) Threaded Coupling	39.88	13.50
For Elevated Installation >10' To 15', Add	3.38	
For Elevated Installation >15' To 20', Add	6.75	
For Elevated Installation >20' To 25', Add	8.44	
For Elevated Installation >25' To 30', Add	11.82	
For Elevated Installation >30' To 35', Add	13.50	
For Elevated Installation >35' To 40', Add	16.88	
For Elevated Installation >40', Add	18.57	
For Work In Restricted Working Space, Add	10.13	
26 05 33 13-0841 EA 2-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	51.26	15.08
For Elevated Installation >10' To 15', Add	3.77	
For Elevated Installation >15' To 20', Add	7.54	
For Elevated Installation >20' To 25', Add	9.43	
For Elevated Installation >25' To 30', Add	13.20	
For Elevated Installation >30' To 35', Add	15.08	
For Elevated Installation >35' To 40', Add	18.85	
For Elevated Installation >40', Add	20.74	
For Work In Restricted Working Space, Add	11.31	
26 05 33 13-0842 EA 3" Intermediate Metal Conduit (IMC) Threaded Coupling	61.20	17.07
For Elevated Installation >10' To 15', Add	4.27	
For Elevated Installation >15' To 20', Add	8.54	
For Elevated Installation >20' To 25', Add	10.67	
For Elevated Installation >25' To 30', Add	14.94	
For Elevated Installation >30' To 35', Add	17.07	
For Elevated Installation >35' To 40', Add	21.34	
For Elevated Installation >40', Add	23.47	
For Work In Restricted Working Space, Add	12.80	
26 05 33 13-0843 EA 3-1/2" Intermediate Metal Conduit (IMC) Threaded Coupling	71.41	18.65
For Elevated Installation >10' To 15', Add	4.67	
For Elevated Installation >15' To 20', Add	9.33	
For Elevated Installation >20' To 25', Add	11.66	
For Elevated Installation >25' To 30', Add	16.33	
For Elevated Installation >30' To 35', Add	18.66	
For Elevated Installation >35' To 40', Add	23.33	
For Elevated Installation >40', Add	25.66	
For Work In Restricted Working Space, Add	14.00	
26 05 33 13-0844 EA 4" Intermediate Metal Conduit (IMC) Threaded Coupling	74.56	19.85
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.40	
For Elevated Installation >25' To 30', Add	17.36	
For Elevated Installation >30' To 35', Add	19.84	
For Elevated Installation >35' To 40', Add	24.80	
For Elevated Installation >40', Add	27.28	
For Work In Restricted Working Space, Add	14.88	
26 05 33 13-0845 Intermediate Metal Conduit (IMC) Reducer Bushings (26 05 33 13-0745)		
26 05 33 13-0846 EA 1/2" To 3/4" Intermediate Metal Conduit (IMC) Reducing Bushing	6.78	1.99
For Elevated Installation >10' To 15', Add	0.50	
For Elevated Installation >15' To 20', Add	0.99	
For Elevated Installation >20' To 25', Add	1.24	
For Elevated Installation >25' To 30', Add	1.74	
For Elevated Installation >30' To 35', Add	1.98	
For Elevated Installation >35' To 40', Add	2.48	
For Elevated Installation >40', Add	2.73	
For Work In Restricted Working Space, Add	1.49	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0847	EA	3/4" To 1" Intermediate Metal Conduit (IMC) Reducing Bushing	7.83	1.99
		<i>For Elevated Installation >10' To 15', Add</i>	0.50	
		<i>For Elevated Installation >15' To 20', Add</i>	0.99	
		<i>For Elevated Installation >20' To 25', Add</i>	1.24	
		<i>For Elevated Installation >25' To 30', Add</i>	1.74	
		<i>For Elevated Installation >30' To 35', Add</i>	1.98	
		<i>For Elevated Installation >35' To 40', Add</i>	2.48	
		<i>For Elevated Installation >40', Add</i>	2.73	
		<i>For Work In Restricted Working Space, Add</i>	1.49	
26 05 33 13-0848		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0848)</small>		
		Note: 40 mil polyvinyl chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney). Used in hazardous locations. Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-0849		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit <small>(26 05 33 13-0849)</small>		
		Note: Includes field bending for conduit up to 1".		
26 05 33 13-0850	LF	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	12.60	2.78
		<i>For >500 To 1,000, Deduct</i>	-0.77	
		<i>For Elevated Installation >10' To 15', Add</i>	0.70	
		<i>For Elevated Installation >15' To 20', Add</i>	1.39	
		<i>For Elevated Installation >20' To 25', Add</i>	1.74	
		<i>For Elevated Installation >25' To 30', Add</i>	2.43	
		<i>For Elevated Installation >30' To 35', Add</i>	2.78	
		<i>For Elevated Installation >35' To 40', Add</i>	3.48	
		<i>For Elevated Installation >40', Add</i>	3.82	
		<i>For Work In Restricted Working Space, Add</i>	2.09	
		<i>For >1,000, Deduct</i>	-1.09	
		<i>For >250 To 500, Deduct</i>	-0.46	
26 05 33 13-0851	LF	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	14.49	3.18
		<i>For >500 To 1,000, Deduct</i>	-0.89	
		<i>For Elevated Installation >10' To 15', Add</i>	0.79	
		<i>For Elevated Installation >15' To 20', Add</i>	1.59	
		<i>For Elevated Installation >20' To 25', Add</i>	1.99	
		<i>For Elevated Installation >25' To 30', Add</i>	2.78	
		<i>For Elevated Installation >30' To 35', Add</i>	3.18	
		<i>For Elevated Installation >35' To 40', Add</i>	3.97	
		<i>For Elevated Installation >40', Add</i>	4.37	
		<i>For Work In Restricted Working Space, Add</i>	2.38	
		<i>For >1,000, Deduct</i>	-1.25	
		<i>For >250 To 500, Deduct</i>	-0.53	
26 05 33 13-0852	LF	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	18.41	3.97
		<i>For >500 To 1,000, Deduct</i>	-1.13	
		<i>For Elevated Installation >10' To 15', Add</i>	0.99	
		<i>For Elevated Installation >15' To 20', Add</i>	1.99	
		<i>For Elevated Installation >20' To 25', Add</i>	2.48	
		<i>For Elevated Installation >25' To 30', Add</i>	3.48	
		<i>For Elevated Installation >30' To 35', Add</i>	3.97	
		<i>For Elevated Installation >35' To 40', Add</i>	4.97	
		<i>For Elevated Installation >40', Add</i>	5.46	
		<i>For Work In Restricted Working Space, Add</i>	2.98	
		<i>For >1,000, Deduct</i>	-1.59	
		<i>For >250 To 500, Deduct</i>	-0.67	
26 05 33 13-0853	LF	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	22.65	4.76
		<i>For >500 To 1,000, Deduct</i>	-1.40	
		<i>For Elevated Installation >10' To 15', Add</i>	1.19	
		<i>For Elevated Installation >15' To 20', Add</i>	2.38	
		<i>For Elevated Installation >20' To 25', Add</i>	2.98	
		<i>For Elevated Installation >25' To 30', Add</i>	4.17	
		<i>For Elevated Installation >30' To 35', Add</i>	4.76	
		<i>For Elevated Installation >35' To 40', Add</i>	5.95	
		<i>For Elevated Installation >40', Add</i>	6.55	
		<i>For Work In Restricted Working Space, Add</i>	3.57	
		<i>For >1,000, Deduct</i>	-1.97	
		<i>For >250 To 500, Deduct</i>	-0.84	
26 05 33 13-0854	LF	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit	27.95	5.96
		<i>For >500 To 1,000, Deduct</i>	-1.72	
		<i>For Elevated Installation >10' To 15', Add</i>	1.49	
		<i>For Elevated Installation >15' To 20', Add</i>	2.98	
		<i>For Elevated Installation >20' To 25', Add</i>	3.72	
		<i>For Elevated Installation >25' To 30', Add</i>	5.21	
		<i>For Elevated Installation >30' To 35', Add</i>	5.95	
		<i>For Elevated Installation >35' To 40', Add</i>	7.44	
		<i>For Elevated Installation >40', Add</i>	8.18	
		<i>For Work In Restricted Working Space, Add</i>	4.46	
		<i>For >1,000, Deduct</i>	-2.42	
		<i>For >250 To 500, Deduct</i>	-1.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0855 LF 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	34.90	7.14
For >500 To 1,000, Deduct	-2.17	
For Elevated Installation >10' To 15', Add	1.79	
For Elevated Installation >15' To 20', Add	3.57	
For Elevated Installation >20' To 25', Add	4.47	
For Elevated Installation >25' To 30', Add	6.25	
For Elevated Installation >30' To 35', Add	7.14	
For Elevated Installation >35' To 40', Add	8.93	
For Elevated Installation >40', Add	9.82	
For Work In Restricted Working Space, Add	5.36	
For >1,000, Deduct	-3.04	
For >250 To 500, Deduct	-1.30	
26 05 33 13-0856 LF 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	46.67	8.33
For >500 To 1,000, Deduct	-2.98	
For Elevated Installation >10' To 15', Add	2.08	
For Elevated Installation >15' To 20', Add	4.17	
For Elevated Installation >20' To 25', Add	5.21	
For Elevated Installation >25' To 30', Add	7.29	
For Elevated Installation >30' To 35', Add	8.34	
For Elevated Installation >35' To 40', Add	10.42	
For Elevated Installation >40', Add	11.46	
For Work In Restricted Working Space, Add	6.25	
For >1,000, Deduct	-4.15	
For >250 To 500, Deduct	-1.81	
26 05 33 13-0857 LF 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	58.37	10.32
For >500 To 1,000, Deduct	-3.73	
For Elevated Installation >10' To 15', Add	2.58	
For Elevated Installation >15' To 20', Add	5.16	
For Elevated Installation >20' To 25', Add	6.45	
For Elevated Installation >25' To 30', Add	9.03	
For Elevated Installation >30' To 35', Add	10.32	
For Elevated Installation >35' To 40', Add	12.90	
For Elevated Installation >40', Add	14.19	
For Work In Restricted Working Space, Add	7.74	
For >1,000, Deduct	-5.19	
For >250 To 500, Deduct	-2.27	
26 05 33 13-0858 LF 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	71.61	12.71
For >500 To 1,000, Deduct	-4.58	
For Elevated Installation >10' To 15', Add	3.18	
For Elevated Installation >15' To 20', Add	6.35	
For Elevated Installation >20' To 25', Add	7.94	
For Elevated Installation >25' To 30', Add	11.12	
For Elevated Installation >30' To 35', Add	12.70	
For Elevated Installation >35' To 40', Add	15.88	
For Elevated Installation >40', Add	17.47	
For Work In Restricted Working Space, Add	9.53	
For >1,000, Deduct	-6.37	
For >250 To 500, Deduct	-2.79	
26 05 33 13-0859 LF 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	84.68	15.08
For >500 To 1,000, Deduct	-5.41	
For Elevated Installation >10' To 15', Add	3.77	
For Elevated Installation >15' To 20', Add	7.54	
For Elevated Installation >20' To 25', Add	9.43	
For Elevated Installation >25' To 30', Add	13.20	
For Elevated Installation >30' To 35', Add	15.08	
For Elevated Installation >35' To 40', Add	18.86	
For Elevated Installation >40', Add	20.74	
For Work In Restricted Working Space, Add	11.31	
For >1,000, Deduct	-7.53	
For >250 To 500, Deduct	-3.29	
26 05 33 13-0860 LF 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	127.90	17.86
For >500 To 1,000, Deduct	-8.48	
For Elevated Installation >10' To 15', Add	4.47	
For Elevated Installation >15' To 20', Add	8.93	
For Elevated Installation >20' To 25', Add	11.17	
For Elevated Installation >25' To 30', Add	15.63	
For Elevated Installation >30' To 35', Add	17.86	
For Elevated Installation >35' To 40', Add	22.33	
For Elevated Installation >40', Add	24.56	
For Work In Restricted Working Space, Add	13.40	
For >1,000, Deduct	-11.67	
For >250 To 500, Deduct	-5.28	
26 05 33 13-0861 LF 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit.....	173.62	23.82
For >500 To 1,000, Deduct	-11.53	
For Elevated Installation >10' To 15', Add	5.95	
For Elevated Installation >15' To 20', Add	11.91	
For Elevated Installation >20' To 25', Add	14.89	
For Elevated Installation >25' To 30', Add	20.84	
For Elevated Installation >30' To 35', Add	23.82	
For Elevated Installation >35' To 40', Add	29.77	
For Elevated Installation >40', Add	32.75	
For Work In Restricted Working Space, Add	17.86	
For >1,000, Deduct	-15.87	
For >250 To 500, Deduct	-7.19	

26 05 33 13-0862 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel
(RGS) Couplings (26 05 33 13-0848)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0863	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	17.87	5.96
			<i>For Elevated Installation >10' To 15', Add</i>	1.19	
			<i>For Elevated Installation >15' To 20', Add</i>	2.38	
			<i>For Elevated Installation >20' To 25', Add</i>	2.98	
			<i>For Elevated Installation >25' To 30', Add</i>	4.17	
			<i>For Elevated Installation >30' To 35', Add</i>	4.76	
			<i>For Elevated Installation >35' To 40', Add</i>	5.95	
			<i>For Elevated Installation >40', Add</i>	6.55	
			<i>For Work In Restricted Working Space, Add</i>	3.57	
26 05 33	13-0864	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	23.13	8.43
			<i>For Elevated Installation >10' To 15', Add</i>	1.69	
			<i>For Elevated Installation >15' To 20', Add</i>	3.37	
			<i>For Elevated Installation >20' To 25', Add</i>	4.22	
			<i>For Elevated Installation >25' To 30', Add</i>	5.90	
			<i>For Elevated Installation >30' To 35', Add</i>	6.75	
			<i>For Elevated Installation >35' To 40', Add</i>	8.44	
			<i>For Elevated Installation >40', Add</i>	9.28	
			<i>For Work In Restricted Working Space, Add</i>	5.06	
26 05 33	13-0865	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	29.95	10.92
			<i>For Elevated Installation >10' To 15', Add</i>	2.18	
			<i>For Elevated Installation >15' To 20', Add</i>	4.37	
			<i>For Elevated Installation >20' To 25', Add</i>	5.46	
			<i>For Elevated Installation >25' To 30', Add</i>	7.64	
			<i>For Elevated Installation >30' To 35', Add</i>	8.73	
			<i>For Elevated Installation >35' To 40', Add</i>	10.92	
			<i>For Elevated Installation >40', Add</i>	12.01	
			<i>For Work In Restricted Working Space, Add</i>	6.55	
26 05 33	13-0866	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	34.28	12.41
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Work In Restricted Working Space, Add</i>	7.44	
26 05 33	13-0867	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	41.03	14.88
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
			<i>For Work In Restricted Working Space, Add</i>	8.93	
26 05 33	13-0868	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	50.23	16.87
			<i>For Elevated Installation >10' To 15', Add</i>	3.38	
			<i>For Elevated Installation >15' To 20', Add</i>	6.75	
			<i>For Elevated Installation >20' To 25', Add</i>	8.44	
			<i>For Elevated Installation >25' To 30', Add</i>	11.81	
			<i>For Elevated Installation >30' To 35', Add</i>	13.50	
			<i>For Elevated Installation >35' To 40', Add</i>	16.88	
			<i>For Elevated Installation >40', Add</i>	18.56	
			<i>For Work In Restricted Working Space, Add</i>	10.13	
26 05 33	13-0869	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	78.50	16.87
			<i>For Elevated Installation >10' To 15', Add</i>	3.77	
			<i>For Elevated Installation >15' To 20', Add</i>	7.54	
			<i>For Elevated Installation >20' To 25', Add</i>	9.43	
			<i>For Elevated Installation >25' To 30', Add</i>	13.20	
			<i>For Elevated Installation >30' To 35', Add</i>	15.08	
			<i>For Elevated Installation >35' To 40', Add</i>	18.86	
			<i>For Elevated Installation >40', Add</i>	20.74	
			<i>For Work In Restricted Working Space, Add</i>	11.31	
26 05 33	13-0870	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	92.21	23.32
			<i>For Elevated Installation >10' To 15', Add</i>	4.27	
			<i>For Elevated Installation >15' To 20', Add</i>	8.53	
			<i>For Elevated Installation >20' To 25', Add</i>	10.67	
			<i>For Elevated Installation >25' To 30', Add</i>	14.93	
			<i>For Elevated Installation >30' To 35', Add</i>	17.07	
			<i>For Elevated Installation >35' To 40', Add</i>	21.34	
			<i>For Elevated Installation >40', Add</i>	23.47	
			<i>For Work In Restricted Working Space, Add</i>	12.80	
26 05 33	13-0871	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	110.19	23.32
			<i>For Elevated Installation >10' To 15', Add</i>	4.66	
			<i>For Elevated Installation >15' To 20', Add</i>	9.33	
			<i>For Elevated Installation >20' To 25', Add</i>	11.66	
			<i>For Elevated Installation >25' To 30', Add</i>	16.32	
			<i>For Elevated Installation >30' To 35', Add</i>	18.66	
			<i>For Elevated Installation >35' To 40', Add</i>	23.32	
			<i>For Elevated Installation >40', Add</i>	25.65	
			<i>For Work In Restricted Working Space, Add</i>	13.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0872 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	123.92	24.81
<i>For Elevated Installation >10' To 15', Add</i>	4.96	
<i>For Elevated Installation >15' To 20', Add</i>	9.92	
<i>For Elevated Installation >20' To 25', Add</i>	12.41	
<i>For Elevated Installation >25' To 30', Add</i>	17.37	
<i>For Elevated Installation >30' To 35', Add</i>	19.85	
<i>For Elevated Installation >35' To 40', Add</i>	24.81	
<i>For Elevated Installation >40', Add</i>	27.29	
<i>For Work In Restricted Working Space, Add</i>	14.89	
26 05 33 13-0873 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	301.66	29.77
<i>For Elevated Installation >10' To 15', Add</i>	5.95	
<i>For Elevated Installation >15' To 20', Add</i>	11.91	
<i>For Elevated Installation >20' To 25', Add</i>	14.89	
<i>For Elevated Installation >25' To 30', Add</i>	20.84	
<i>For Elevated Installation >30' To 35', Add</i>	23.82	
<i>For Elevated Installation >35' To 40', Add</i>	29.77	
<i>For Elevated Installation >40', Add</i>	32.75	
<i>For Work In Restricted Working Space, Add</i>	17.86	
26 05 33 13-0874 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling	339.93	34.73
<i>For Elevated Installation >10' To 15', Add</i>	6.95	
<i>For Elevated Installation >15' To 20', Add</i>	13.89	
<i>For Elevated Installation >20' To 25', Add</i>	17.37	
<i>For Elevated Installation >25' To 30', Add</i>	24.31	
<i>For Elevated Installation >30' To 35', Add</i>	27.79	
<i>For Elevated Installation >35' To 40', Add</i>	34.74	
<i>For Elevated Installation >40', Add</i>	38.21	
<i>For Work In Restricted Working Space, Add</i>	20.84	
26 05 33 13-0875 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows <small>(26 05 33 13-0848)</small>		
Note: 90, 45, or 30 degree.		
26 05 33 13-0876 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	53.18	16.13
<i>For Elevated Installation >10' To 15', Add</i>	3.23	
<i>For Elevated Installation >15' To 20', Add</i>	6.45	
<i>For Elevated Installation >20' To 25', Add</i>	8.06	
<i>For Elevated Installation >25' To 30', Add</i>	11.29	
<i>For Elevated Installation >30' To 35', Add</i>	12.90	
<i>For Elevated Installation >35' To 40', Add</i>	16.13	
<i>For Elevated Installation >40', Add</i>	17.74	
<i>For Work In Restricted Working Space, Add</i>	9.68	
26 05 33 13-0877 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	61.71	20.00
<i>For Elevated Installation >10' To 15', Add</i>	4.00	
<i>For Elevated Installation >15' To 20', Add</i>	8.00	
<i>For Elevated Installation >20' To 25', Add</i>	10.00	
<i>For Elevated Installation >25' To 30', Add</i>	14.00	
<i>For Elevated Installation >30' To 35', Add</i>	16.00	
<i>For Elevated Installation >35' To 40', Add</i>	20.00	
<i>For Elevated Installation >40', Add</i>	21.99	
<i>For Work In Restricted Working Space, Add</i>	12.00	
26 05 33 13-0878 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	73.93	24.51
<i>For Elevated Installation >10' To 15', Add</i>	4.90	
<i>For Elevated Installation >15' To 20', Add</i>	9.80	
<i>For Elevated Installation >20' To 25', Add</i>	12.26	
<i>For Elevated Installation >25' To 30', Add</i>	17.16	
<i>For Elevated Installation >30' To 35', Add</i>	19.61	
<i>For Elevated Installation >35' To 40', Add</i>	24.51	
<i>For Elevated Installation >40', Add</i>	26.96	
<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-0879 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	87.38	28.38
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	
<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-0880 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	102.12	32.25
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33 13-0881 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow	123.46	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-0882	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	187.94	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-0883	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	279.35	60.63
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
			<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33 13-0884	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	344.17	68.37
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
			<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33 13-0885	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	397.29	89.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
			<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-0886	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	818.65	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33 13-0887	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow.....	1,285.37	218.03
			<i>For Elevated Installation >10' To 15', Add</i>	43.61	
			<i>For Elevated Installation >15' To 20', Add</i>	87.21	
			<i>For Elevated Installation >20' To 25', Add</i>	109.01	
			<i>For Elevated Installation >25' To 30', Add</i>	152.62	
			<i>For Elevated Installation >30' To 35', Add</i>	174.42	
			<i>For Elevated Installation >35' To 40', Add</i>	218.03	
			<i>For Elevated Installation >40', Add</i>	239.83	
			<i>For Work In Restricted Working Space, Add</i>	130.82	

26 05 33 13-0888 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows (26 05 33 13-0848)

26 05 33 13-0888	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	123.25	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-0890	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	138.87	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-0891	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow.....	158.50	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0892 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	188.51	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
26 05 33 13-0893 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow	261.56	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	
26 05 33 13-0894 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-0895 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	136.59	24.51
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
For Work In Restricted Working Space, Add	14.71	
26 05 33 13-0896 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	160.90	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	
26 05 33 13-0897 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	174.30	32.25
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.13	
For Elevated Installation >25' To 30', Add	22.58	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.48	
For Work In Restricted Working Space, Add	19.35	
26 05 33 13-0898 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	222.96	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
26 05 33 13-0899 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	294.79	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	
26 05 33 13-0900 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow	377.89	60.63
For Elevated Installation >10' To 15', Add	12.13	
For Elevated Installation >15' To 20', Add	24.25	
For Elevated Installation >20' To 25', Add	30.32	
For Elevated Installation >25' To 30', Add	42.44	
For Elevated Installation >30' To 35', Add	48.51	
For Elevated Installation >35' To 40', Add	60.64	
For Elevated Installation >40', Add	66.70	
For Work In Restricted Working Space, Add	36.38	

26 05 33 13-0901 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel
(RGS) 18" Large Radius Elbows (26 05 33 13-0848)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0902	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 152.54	152.54	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-0903	EA	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 172.38	172.38	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-0904	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 194.57	194.57	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33 13-0905	EA	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 234.39	234.39	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-0906	EA	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 332.97	332.97	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-0907	EA	3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 422.71	422.71	60.63
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
			<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33 13-0908	EA	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 531.90	531.90	68.37
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
			<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33 13-0909	EA	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow 601.81	601.81	89.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
			<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-0910			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-0911	EA	1"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow 180.08	180.08	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0912 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	199.32	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	
26 05 33 13-0913 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	225.16	32.25
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.13	
For Elevated Installation >25' To 30', Add	22.58	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.48	
For Work In Restricted Working Space, Add	19.35	
26 05 33 13-0914 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	278.44	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
26 05 33 13-0915 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	401.30	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	
26 05 33 13-0916 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	498.66	60.63
For Elevated Installation >10' To 15', Add	12.13	
For Elevated Installation >15' To 20', Add	24.25	
For Elevated Installation >20' To 25', Add	30.32	
For Elevated Installation >25' To 30', Add	42.44	
For Elevated Installation >30' To 35', Add	48.51	
For Elevated Installation >35' To 40', Add	60.64	
For Elevated Installation >40', Add	66.70	
For Work In Restricted Working Space, Add	36.38	
26 05 33 13-0917 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	578.27	68.37
For Elevated Installation >10' To 15', Add	13.68	
For Elevated Installation >15' To 20', Add	27.35	
For Elevated Installation >20' To 25', Add	34.19	
For Elevated Installation >25' To 30', Add	47.86	
For Elevated Installation >30' To 35', Add	54.70	
For Elevated Installation >35' To 40', Add	68.38	
For Elevated Installation >40', Add	75.21	
For Work In Restricted Working Space, Add	41.03	
26 05 33 13-0918 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow.....	686.94	89.01
For Elevated Installation >10' To 15', Add	17.80	
For Elevated Installation >15' To 20', Add	35.61	
For Elevated Installation >20' To 25', Add	44.51	
For Elevated Installation >25' To 30', Add	62.31	
For Elevated Installation >30' To 35', Add	71.21	
For Elevated Installation >35' To 40', Add	89.02	
For Elevated Installation >40', Add	97.92	
For Work In Restricted Working Space, Add	53.41	
26 05 33 13-0919 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-0920 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	201.52	24.51
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
For Work In Restricted Working Space, Add	14.71	
26 05 33 13-0921 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	224.41	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0922	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	255.27	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33	13-0923	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	316.79	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33	13-0924	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	438.58	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33	13-0925	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	559.40	60.63
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
			<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33	13-0926	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	691.01	68.37
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
			<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33	13-0927	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	765.08	89.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
			<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33	13-0928	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow.....	1,274.86	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33	13-0929		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows <small>(26 05 33 13-0848)</small>		
26 05 33	13-0930	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	229.55	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33	13-0931	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	254.71	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0932 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	288.28	32.25
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33 13-0933 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	359.32	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-0934 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	500.71	44.51
<i>For Elevated Installation >10' To 15', Add</i>	8.90	
<i>For Elevated Installation >15' To 20', Add</i>	17.80	
<i>For Elevated Installation >20' To 25', Add</i>	22.25	
<i>For Elevated Installation >25' To 30', Add</i>	31.15	
<i>For Elevated Installation >30' To 35', Add</i>	35.60	
<i>For Elevated Installation >35' To 40', Add</i>	44.51	
<i>For Elevated Installation >40', Add</i>	48.96	
<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-0935 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	636.80	60.63
<i>For Elevated Installation >10' To 15', Add</i>	12.13	
<i>For Elevated Installation >15' To 20', Add</i>	24.25	
<i>For Elevated Installation >20' To 25', Add</i>	30.32	
<i>For Elevated Installation >25' To 30', Add</i>	42.44	
<i>For Elevated Installation >30' To 35', Add</i>	48.51	
<i>For Elevated Installation >35' To 40', Add</i>	60.64	
<i>For Elevated Installation >40', Add</i>	66.70	
<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33 13-0936 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	747.51	68.37
<i>For Elevated Installation >10' To 15', Add</i>	13.68	
<i>For Elevated Installation >15' To 20', Add</i>	27.35	
<i>For Elevated Installation >20' To 25', Add</i>	34.19	
<i>For Elevated Installation >25' To 30', Add</i>	47.86	
<i>For Elevated Installation >30' To 35', Add</i>	54.70	
<i>For Elevated Installation >35' To 40', Add</i>	68.38	
<i>For Elevated Installation >40', Add</i>	75.21	
<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33 13-0937 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	865.97	89.01
<i>For Elevated Installation >10' To 15', Add</i>	17.80	
<i>For Elevated Installation >15' To 20', Add</i>	35.61	
<i>For Elevated Installation >20' To 25', Add</i>	44.51	
<i>For Elevated Installation >25' To 30', Add</i>	62.31	
<i>For Elevated Installation >30' To 35', Add</i>	71.21	
<i>For Elevated Installation >35' To 40', Add</i>	89.02	
<i>For Elevated Installation >40', Add</i>	97.92	
<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-0938 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	1,345.56	145.13
<i>For Elevated Installation >10' To 15', Add</i>	29.03	
<i>For Elevated Installation >15' To 20', Add</i>	58.05	
<i>For Elevated Installation >20' To 25', Add</i>	72.57	
<i>For Elevated Installation >25' To 30', Add</i>	101.59	
<i>For Elevated Installation >30' To 35', Add</i>	116.11	
<i>For Elevated Installation >35' To 40', Add</i>	145.14	
<i>For Elevated Installation >40', Add</i>	159.65	
<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33 13-0939 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow.....	1,844.03	218.03
<i>For Elevated Installation >10' To 15', Add</i>	43.61	
<i>For Elevated Installation >15' To 20', Add</i>	87.21	
<i>For Elevated Installation >20' To 25', Add</i>	109.01	
<i>For Elevated Installation >25' To 30', Add</i>	152.62	
<i>For Elevated Installation >30' To 35', Add</i>	174.42	
<i>For Elevated Installation >35' To 40', Add</i>	218.03	
<i>For Elevated Installation >40', Add</i>	239.83	
<i>For Work In Restricted Working Space, Add</i>	130.82	
26 05 33 13-0940 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel		
(RGS) 42" Large Radius Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-0941 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	268.57	24.51
<i>For Elevated Installation >10' To 15', Add</i>	4.90	
<i>For Elevated Installation >15' To 20', Add</i>	9.80	
<i>For Elevated Installation >20' To 25', Add</i>	12.26	
<i>For Elevated Installation >25' To 30', Add</i>	17.16	
<i>For Elevated Installation >30' To 35', Add</i>	19.61	
<i>For Elevated Installation >35' To 40', Add</i>	24.51	
<i>For Elevated Installation >40', Add</i>	26.96	
<i>For Work In Restricted Working Space, Add</i>	14.71	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0942	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	281.72	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33	13-0943	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	332.45	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33	13-0944	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	418.52	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33	13-0945	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	584.49	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.26	
			<i>For Elevated Installation >25' To 30', Add</i>	31.16	
			<i>For Elevated Installation >30' To 35', Add</i>	35.61	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.71	
26 05 33	13-0946	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	741.14	60.63
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
			<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33	13-0947	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	904.57	68.37
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
			<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33	13-0948	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,062.22	89.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
			<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33	13-0949	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,576.18	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33	13-0950	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow.....	1,949.89	218.03
			<i>For Elevated Installation >10' To 15', Add</i>	43.61	
			<i>For Elevated Installation >15' To 20', Add</i>	87.21	
			<i>For Elevated Installation >20' To 25', Add</i>	109.01	
			<i>For Elevated Installation >25' To 30', Add</i>	152.62	
			<i>For Elevated Installation >30' To 35', Add</i>	174.42	
			<i>For Elevated Installation >35' To 40', Add</i>	218.03	
			<i>For Elevated Installation >40', Add</i>	239.83	
			<i>For Work In Restricted Working Space, Add</i>	130.82	

26 05 33 13-0951 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows (26 05 33 13-0948)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0952 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	277.97	24.51
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
For Work In Restricted Working Space, Add	14.71	
26 05 33 13-0953 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	327.42	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	
26 05 33 13-0954 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	370.65	32.25
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.13	
For Elevated Installation >25' To 30', Add	22.58	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.48	
For Work In Restricted Working Space, Add	19.35	
26 05 33 13-0955 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	436.33	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
26 05 33 13-0956 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	605.42	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.26	
For Elevated Installation >25' To 30', Add	31.16	
For Elevated Installation >30' To 35', Add	35.61	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.71	
26 05 33 13-0957 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	773.23	60.63
For Elevated Installation >10' To 15', Add	12.13	
For Elevated Installation >15' To 20', Add	24.25	
For Elevated Installation >20' To 25', Add	30.32	
For Elevated Installation >25' To 30', Add	42.44	
For Elevated Installation >30' To 35', Add	48.51	
For Elevated Installation >35' To 40', Add	60.64	
For Elevated Installation >40', Add	66.70	
For Work In Restricted Working Space, Add	36.38	
26 05 33 13-0958 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	990.11	68.37
For Elevated Installation >10' To 15', Add	13.68	
For Elevated Installation >15' To 20', Add	27.35	
For Elevated Installation >20' To 25', Add	34.19	
For Elevated Installation >25' To 30', Add	47.86	
For Elevated Installation >30' To 35', Add	54.70	
For Elevated Installation >35' To 40', Add	68.38	
For Elevated Installation >40', Add	75.21	
For Work In Restricted Working Space, Add	41.03	
26 05 33 13-0959 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,106.73	89.01
For Elevated Installation >10' To 15', Add	17.80	
For Elevated Installation >15' To 20', Add	35.61	
For Elevated Installation >20' To 25', Add	44.51	
For Elevated Installation >25' To 30', Add	62.31	
For Elevated Installation >30' To 35', Add	71.21	
For Elevated Installation >35' To 40', Add	89.02	
For Elevated Installation >40', Add	97.92	
For Work In Restricted Working Space, Add	53.41	
26 05 33 13-0960 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	1,638.14	145.13
For Elevated Installation >10' To 15', Add	29.03	
For Elevated Installation >15' To 20', Add	58.05	
For Elevated Installation >20' To 25', Add	72.57	
For Elevated Installation >25' To 30', Add	101.59	
For Elevated Installation >30' To 35', Add	116.11	
For Elevated Installation >35' To 40', Add	145.14	
For Elevated Installation >40', Add	159.65	
For Work In Restricted Working Space, Add	87.08	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-0961	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow	2,003.68	218.03
			<i>For Elevated Installation >10' To 15', Add</i>	43.61	
			<i>For Elevated Installation >15' To 20', Add</i>	87.21	
			<i>For Elevated Installation >20' To 25', Add</i>	109.01	
			<i>For Elevated Installation >25' To 30', Add</i>	152.62	
			<i>For Elevated Installation >30' To 35', Add</i>	174.42	
			<i>For Elevated Installation >35' To 40', Add</i>	218.03	
			<i>For Elevated Installation >40', Add</i>	239.83	
			<i>For Work In Restricted Working Space, Add</i>	130.82	
26 05 33	13-0962		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fittings <small>(26 05 33 13-0948)</small>		
26 05 33	13-0963	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	102.61	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33	13-0964	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	125.55	21.29
			<i>For Elevated Installation >10' To 15', Add</i>	4.26	
			<i>For Elevated Installation >15' To 20', Add</i>	8.51	
			<i>For Elevated Installation >20' To 25', Add</i>	10.64	
			<i>For Elevated Installation >25' To 30', Add</i>	14.90	
			<i>For Elevated Installation >30' To 35', Add</i>	17.03	
			<i>For Elevated Installation >35' To 40', Add</i>	21.29	
			<i>For Elevated Installation >40', Add</i>	23.41	
			<i>For Work In Restricted Working Space, Add</i>	12.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.77	
26 05 33	13-0965	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	167.52	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	
26 05 33	13-0966	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	275.56	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.03	
26 05 33	13-0967	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	304.23	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.35	
26 05 33	13-0968	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	384.59	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33	13-0969	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting	1,049.78	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0970 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,252.69	60.63
For Elevated Installation >10' To 15', Add	12.13	
For Elevated Installation >15' To 20', Add	24.26	
For Elevated Installation >20' To 25', Add	30.32	
For Elevated Installation >25' To 30', Add	42.45	
For Elevated Installation >30' To 35', Add	48.51	
For Elevated Installation >35' To 40', Add	60.64	
For Elevated Installation >40', Add	66.70	
For Work In Restricted Working Space, Add	36.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.38	
26 05 33 13-0971 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Sealight Fitting.....	1,664.12	89.01
For Elevated Installation >10' To 15', Add	17.80	
For Elevated Installation >15' To 20', Add	35.60	
For Elevated Installation >20' To 25', Add	44.51	
For Elevated Installation >25' To 30', Add	62.31	
For Elevated Installation >30' To 35', Add	71.21	
For Elevated Installation >35' To 40', Add	89.01	
For Elevated Installation >40', Add	97.91	
For Work In Restricted Working Space, Add	53.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.41	
26 05 33 13-0972 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fittings <small>(26 05 33 13-0848)</small>		
26 05 33 13-0973 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	98.34	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 33 13-0974 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	120.71	21.29
For Elevated Installation >10' To 15', Add	4.26	
For Elevated Installation >15' To 20', Add	8.51	
For Elevated Installation >20' To 25', Add	10.64	
For Elevated Installation >25' To 30', Add	14.90	
For Elevated Installation >30' To 35', Add	17.03	
For Elevated Installation >35' To 40', Add	21.29	
For Elevated Installation >40', Add	23.41	
For Work In Restricted Working Space, Add	12.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.77	
26 05 33 13-0975 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	167.52	24.51
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
For Work In Restricted Working Space, Add	14.71	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.71	
26 05 33 13-0976 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	273.07	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.03	
26 05 33 13-0977 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	294.20	32.25
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.13	
For Elevated Installation >25' To 30', Add	22.58	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.48	
For Work In Restricted Working Space, Add	19.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.35	
26 05 33 13-0978 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	384.71	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.29	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0979	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	1,006.98	44.51
		<i>For Elevated Installation >10' To 15', Add</i>	8.90	
		<i>For Elevated Installation >15' To 20', Add</i>	17.80	
		<i>For Elevated Installation >20' To 25', Add</i>	22.25	
		<i>For Elevated Installation >25' To 30', Add</i>	31.15	
		<i>For Elevated Installation >30' To 35', Add</i>	35.60	
		<i>For Elevated Installation >35' To 40', Add</i>	44.51	
		<i>For Elevated Installation >40', Add</i>	48.96	
		<i>For Work In Restricted Working Space, Add</i>	26.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33 13-0980	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	1,221.47	60.63
		<i>For Elevated Installation >10' To 15', Add</i>	12.13	
		<i>For Elevated Installation >15' To 20', Add</i>	24.26	
		<i>For Elevated Installation >20' To 25', Add</i>	30.32	
		<i>For Elevated Installation >25' To 30', Add</i>	42.45	
		<i>For Elevated Installation >30' To 35', Add</i>	48.51	
		<i>For Elevated Installation >35' To 40', Add</i>	60.64	
		<i>For Elevated Installation >40', Add</i>	66.70	
		<i>For Work In Restricted Working Space, Add</i>	36.38	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.38	
26 05 33 13-0981	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Sealight Fitting.....	1,664.05	89.01
		<i>For Elevated Installation >10' To 15', Add</i>	17.80	
		<i>For Elevated Installation >15' To 20', Add</i>	35.60	
		<i>For Elevated Installation >20' To 25', Add</i>	44.51	
		<i>For Elevated Installation >25' To 30', Add</i>	62.31	
		<i>For Elevated Installation >30' To 35', Add</i>	71.21	
		<i>For Elevated Installation >35' To 40', Add</i>	89.01	
		<i>For Elevated Installation >40', Add</i>	97.91	
		<i>For Work In Restricted Working Space, Add</i>	53.41	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.41	
26 05 33 13-0982		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fittings <small>(26 05 33 13-0848)</small>		
26 05 33 13-0983	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	88.87	16.13
		<i>For Elevated Installation >10' To 15', Add</i>	3.23	
		<i>For Elevated Installation >15' To 20', Add</i>	6.45	
		<i>For Elevated Installation >20' To 25', Add</i>	8.06	
		<i>For Elevated Installation >25' To 30', Add</i>	11.29	
		<i>For Elevated Installation >30' To 35', Add</i>	12.90	
		<i>For Elevated Installation >35' To 40', Add</i>	16.13	
		<i>For Elevated Installation >40', Add</i>	17.74	
		<i>For Work In Restricted Working Space, Add</i>	9.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-0984	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	106.34	21.29
		<i>For Elevated Installation >10' To 15', Add</i>	4.26	
		<i>For Elevated Installation >15' To 20', Add</i>	8.51	
		<i>For Elevated Installation >20' To 25', Add</i>	10.64	
		<i>For Elevated Installation >25' To 30', Add</i>	14.90	
		<i>For Elevated Installation >30' To 35', Add</i>	17.03	
		<i>For Elevated Installation >35' To 40', Add</i>	21.29	
		<i>For Elevated Installation >40', Add</i>	23.41	
		<i>For Work In Restricted Working Space, Add</i>	12.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.77	
26 05 33 13-0985	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	125.50	24.51
		<i>For Elevated Installation >10' To 15', Add</i>	4.90	
		<i>For Elevated Installation >15' To 20', Add</i>	9.80	
		<i>For Elevated Installation >20' To 25', Add</i>	12.26	
		<i>For Elevated Installation >25' To 30', Add</i>	17.16	
		<i>For Elevated Installation >30' To 35', Add</i>	19.61	
		<i>For Elevated Installation >35' To 40', Add</i>	24.51	
		<i>For Elevated Installation >40', Add</i>	26.96	
		<i>For Work In Restricted Working Space, Add</i>	14.71	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	
26 05 33 13-0986	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	178.52	28.38
		<i>For Elevated Installation >10' To 15', Add</i>	5.68	
		<i>For Elevated Installation >15' To 20', Add</i>	11.35	
		<i>For Elevated Installation >20' To 25', Add</i>	14.19	
		<i>For Elevated Installation >25' To 30', Add</i>	19.87	
		<i>For Elevated Installation >30' To 35', Add</i>	22.70	
		<i>For Elevated Installation >35' To 40', Add</i>	28.38	
		<i>For Elevated Installation >40', Add</i>	31.22	
		<i>For Work In Restricted Working Space, Add</i>	17.03	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.03	
26 05 33 13-0987	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealight Fitting.....	208.56	32.25
		<i>For Elevated Installation >10' To 15', Add</i>	6.45	
		<i>For Elevated Installation >15' To 20', Add</i>	12.90	
		<i>For Elevated Installation >20' To 25', Add</i>	16.13	
		<i>For Elevated Installation >25' To 30', Add</i>	22.58	
		<i>For Elevated Installation >30' To 35', Add</i>	25.80	
		<i>For Elevated Installation >35' To 40', Add</i>	32.25	
		<i>For Elevated Installation >40', Add</i>	35.48	
		<i>For Work In Restricted Working Space, Add</i>	19.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-0988 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	322.83	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.29	
26 05 33 13-0989 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	887.81	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.70	
26 05 33 13-0990 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	998.87	60.63
For Elevated Installation >10' To 15', Add	12.13	
For Elevated Installation >15' To 20', Add	24.26	
For Elevated Installation >20' To 25', Add	30.32	
For Elevated Installation >25' To 30', Add	42.45	
For Elevated Installation >30' To 35', Add	48.51	
For Elevated Installation >35' To 40', Add	60.64	
For Elevated Installation >40', Add	66.70	
For Work In Restricted Working Space, Add	36.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.38	
26 05 33 13-0991 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Sealtight Fitting	1,275.12	89.01
For Elevated Installation >10' To 15', Add	17.80	
For Elevated Installation >15' To 20', Add	35.60	
For Elevated Installation >20' To 25', Add	44.51	
For Elevated Installation >25' To 30', Add	62.31	
For Elevated Installation >30' To 35', Add	71.21	
For Elevated Installation >35' To 40', Add	89.01	
For Elevated Installation >40', Add	97.91	
For Work In Restricted Working Space, Add	53.41	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.41	
26 05 33 13-0992 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fittings <small>(26 05 33 13-0948)</small>		
26 05 33 13-0993 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	152.22	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 33 13-0994 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	229.55	21.29
For Elevated Installation >10' To 15', Add	4.26	
For Elevated Installation >15' To 20', Add	8.51	
For Elevated Installation >20' To 25', Add	10.64	
For Elevated Installation >25' To 30', Add	14.90	
For Elevated Installation >30' To 35', Add	17.03	
For Elevated Installation >35' To 40', Add	21.29	
For Elevated Installation >40', Add	23.41	
For Work In Restricted Working Space, Add	12.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.77	
26 05 33 13-0995 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	288.67	24.51
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
For Work In Restricted Working Space, Add	14.71	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.71	
26 05 33 13-0996 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded Sealtight Fitting	333.22	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.03	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-0997	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded		
		Sealtight Fitting.....	378.43	32.25
		For Elevated Installation >10' To 15', Add	6.45	
		For Elevated Installation >15' To 20', Add	12.90	
		For Elevated Installation >20' To 25', Add	16.13	
		For Elevated Installation >25' To 30', Add	22.58	
		For Elevated Installation >30' To 35', Add	25.80	
		For Elevated Installation >35' To 40', Add	32.25	
		For Elevated Installation >40', Add	35.48	
		For Work In Restricted Working Space, Add	19.35	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.35	
26 05 33 13-0998	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded		
		Sealtight Fitting.....	498.31	35.48
		For Elevated Installation >10' To 15', Add	7.10	
		For Elevated Installation >15' To 20', Add	14.19	
		For Elevated Installation >20' To 25', Add	17.74	
		For Elevated Installation >25' To 30', Add	24.83	
		For Elevated Installation >30' To 35', Add	28.38	
		For Elevated Installation >35' To 40', Add	35.48	
		For Elevated Installation >40', Add	39.02	
		For Work In Restricted Working Space, Add	21.29	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.29	
26 05 33 13-0999	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded		
		Sealtight Fitting.....	1,570.69	44.51
		For Elevated Installation >10' To 15', Add	8.90	
		For Elevated Installation >15' To 20', Add	17.80	
		For Elevated Installation >20' To 25', Add	22.25	
		For Elevated Installation >25' To 30', Add	31.15	
		For Elevated Installation >30' To 35', Add	35.60	
		For Elevated Installation >35' To 40', Add	44.51	
		For Elevated Installation >40', Add	48.96	
		For Work In Restricted Working Space, Add	26.70	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.70	
26 05 33 13-1000	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded		
		Sealtight Fitting.....	1,833.65	60.63
		For Elevated Installation >10' To 15', Add	12.13	
		For Elevated Installation >15' To 20', Add	24.26	
		For Elevated Installation >20' To 25', Add	30.32	
		For Elevated Installation >25' To 30', Add	42.45	
		For Elevated Installation >30' To 35', Add	48.51	
		For Elevated Installation >35' To 40', Add	60.64	
		For Elevated Installation >40', Add	66.70	
		For Work In Restricted Working Space, Add	36.38	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.38	
26 05 33 13-1001	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 45 Degree Grounded		
		Sealtight Fitting.....	2,253.93	89.01
		For Elevated Installation >10' To 15', Add	17.80	
		For Elevated Installation >15' To 20', Add	35.60	
		For Elevated Installation >20' To 25', Add	44.51	
		For Elevated Installation >25' To 30', Add	62.31	
		For Elevated Installation >30' To 35', Add	71.21	
		For Elevated Installation >35' To 40', Add	89.01	
		For Elevated Installation >40', Add	97.91	
		For Work In Restricted Working Space, Add	53.41	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.41	
26 05 33 13-1002		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fittings <small>(26 05 33 13-0848)</small>		
26 05 33 13-1003	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded		
		Sealtight Fitting.....	169.04	16.13
		For Elevated Installation >10' To 15', Add	3.23	
		For Elevated Installation >15' To 20', Add	6.45	
		For Elevated Installation >20' To 25', Add	8.06	
		For Elevated Installation >25' To 30', Add	11.29	
		For Elevated Installation >30' To 35', Add	12.90	
		For Elevated Installation >35' To 40', Add	16.13	
		For Elevated Installation >40', Add	17.74	
		For Work In Restricted Working Space, Add	9.68	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 33 13-1004	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded		
		Sealtight Fitting.....	245.42	21.29
		For Elevated Installation >10' To 15', Add	4.26	
		For Elevated Installation >15' To 20', Add	8.51	
		For Elevated Installation >20' To 25', Add	10.64	
		For Elevated Installation >25' To 30', Add	14.90	
		For Elevated Installation >30' To 35', Add	17.03	
		For Elevated Installation >35' To 40', Add	21.29	
		For Elevated Installation >40', Add	23.41	
		For Work In Restricted Working Space, Add	12.77	
		For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	12.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1005 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	291.69	24.51
<i>For Elevated Installation >10' To 15', Add</i>	4.90	
<i>For Elevated Installation >15' To 20', Add</i>	9.80	
<i>For Elevated Installation >20' To 25', Add</i>	12.26	
<i>For Elevated Installation >25' To 30', Add</i>	17.16	
<i>For Elevated Installation >30' To 35', Add</i>	19.61	
<i>For Elevated Installation >35' To 40', Add</i>	24.51	
<i>For Elevated Installation >40', Add</i>	26.96	
<i>For Work In Restricted Working Space, Add</i>	14.71	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	
26 05 33 13-1006 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	338.19	28.38
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	
<i>For Work In Restricted Working Space, Add</i>	17.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.03	
26 05 33 13-1007 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	392.08	32.25
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
<i>For Work In Restricted Working Space, Add</i>	19.35	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.35	
26 05 33 13-1008 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	618.30	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33 13-1009 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	1,751.75	44.51
<i>For Elevated Installation >10' To 15', Add</i>	8.90	
<i>For Elevated Installation >15' To 20', Add</i>	17.80	
<i>For Elevated Installation >20' To 25', Add</i>	22.25	
<i>For Elevated Installation >25' To 30', Add</i>	31.15	
<i>For Elevated Installation >30' To 35', Add</i>	35.60	
<i>For Elevated Installation >35' To 40', Add</i>	44.51	
<i>For Elevated Installation >40', Add</i>	48.96	
<i>For Work In Restricted Working Space, Add</i>	26.70	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33 13-1010 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	2,465.77	60.63
<i>For Elevated Installation >10' To 15', Add</i>	12.13	
<i>For Elevated Installation >15' To 20', Add</i>	24.26	
<i>For Elevated Installation >20' To 25', Add</i>	30.32	
<i>For Elevated Installation >25' To 30', Add</i>	42.45	
<i>For Elevated Installation >30' To 35', Add</i>	48.51	
<i>For Elevated Installation >35' To 40', Add</i>	60.64	
<i>For Elevated Installation >40', Add</i>	66.70	
<i>For Work In Restricted Working Space, Add</i>	36.38	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.38	
26 05 33 13-1011 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 90 Degree Grounded Sealtight Fitting.....	2,573.93	89.01
<i>For Elevated Installation >10' To 15', Add</i>	17.80	
<i>For Elevated Installation >15' To 20', Add</i>	35.60	
<i>For Elevated Installation >20' To 25', Add</i>	44.51	
<i>For Elevated Installation >25' To 30', Add</i>	62.31	
<i>For Elevated Installation >30' To 35', Add</i>	71.21	
<i>For Elevated Installation >35' To 40', Add</i>	89.01	
<i>For Elevated Installation >40', Add</i>	97.91	
<i>For Work In Restricted Working Space, Add</i>	53.41	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.41	

26 05 33 13-1012 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fittings (26 05 33 13-0848)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1013	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	133.69	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33	13-1014	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	168.66	21.29
			<i>For Elevated Installation >10' To 15', Add</i>	4.26	
			<i>For Elevated Installation >15' To 20', Add</i>	8.51	
			<i>For Elevated Installation >20' To 25', Add</i>	10.64	
			<i>For Elevated Installation >25' To 30', Add</i>	14.90	
			<i>For Elevated Installation >30' To 35', Add</i>	17.03	
			<i>For Elevated Installation >35' To 40', Add</i>	21.29	
			<i>For Elevated Installation >40', Add</i>	23.41	
			<i>For Work In Restricted Working Space, Add</i>	12.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.77	
26 05 33	13-1015	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	202.10	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.71	
26 05 33	13-1016	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	223.90	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17.03	
26 05 33	13-1017	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	301.71	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.35	
26 05 33	13-1018	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	426.78	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33	13-1019	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,420.73	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33	13-1020	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,599.17	60.63
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.26	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.45	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
			<i>For Work In Restricted Working Space, Add</i>	36.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1021 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Straight Grounded Sealtight Fitting.....	1,899.89	89.01
<i>For Elevated Installation >10' To 15', Add</i>	17.80	
<i>For Elevated Installation >15' To 20', Add</i>	35.60	
<i>For Elevated Installation >20' To 25', Add</i>	44.51	
<i>For Elevated Installation >25' To 30', Add</i>	62.31	
<i>For Elevated Installation >30' To 35', Add</i>	71.21	
<i>For Elevated Installation >35' To 40', Add</i>	89.01	
<i>For Elevated Installation >40', Add</i>	97.91	
<i>For Work In Restricted Working Space, Add</i>	53.41	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.41	
 26 05 33 13-1022 Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0848)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1023 EA 1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	120.53	30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.58	
26 05 33 13-1024 EA 3/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	135.93	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33 13-1025 EA 1" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	168.22	40.64
<i>For Elevated Installation >10' To 15', Add</i>	8.13	
<i>For Elevated Installation >15' To 20', Add</i>	16.26	
<i>For Elevated Installation >20' To 25', Add</i>	20.32	
<i>For Elevated Installation >25' To 30', Add</i>	28.45	
<i>For Elevated Installation >30' To 35', Add</i>	32.51	
<i>For Elevated Installation >35' To 40', Add</i>	40.64	
<i>For Elevated Installation >40', Add</i>	44.70	
<i>For Work In Restricted Working Space, Add</i>	24.38	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.38	
26 05 33 13-1026 EA 1-1/4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	220.39	47.08
<i>For Elevated Installation >10' To 15', Add</i>	9.42	
<i>For Elevated Installation >15' To 20', Add</i>	18.84	
<i>For Elevated Installation >20' To 25', Add</i>	23.55	
<i>For Elevated Installation >25' To 30', Add</i>	32.96	
<i>For Elevated Installation >30' To 35', Add</i>	37.67	
<i>For Elevated Installation >35' To 40', Add</i>	47.09	
<i>For Elevated Installation >40', Add</i>	51.80	
<i>For Work In Restricted Working Space, Add</i>	28.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.25	
26 05 33 13-1027 EA 1-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	257.32	51.61
<i>For Elevated Installation >10' To 15', Add</i>	10.32	
<i>For Elevated Installation >15' To 20', Add</i>	20.64	
<i>For Elevated Installation >20' To 25', Add</i>	25.80	
<i>For Elevated Installation >25' To 30', Add</i>	36.12	
<i>For Elevated Installation >30' To 35', Add</i>	41.28	
<i>For Elevated Installation >35' To 40', Add</i>	51.60	
<i>For Elevated Installation >40', Add</i>	56.76	
<i>For Work In Restricted Working Space, Add</i>	30.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.96	
26 05 33 13-1028 EA 2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	351.06	61.93
<i>For Elevated Installation >10' To 15', Add</i>	12.39	
<i>For Elevated Installation >15' To 20', Add</i>	24.77	
<i>For Elevated Installation >20' To 25', Add</i>	30.96	
<i>For Elevated Installation >25' To 30', Add</i>	43.35	
<i>For Elevated Installation >30' To 35', Add</i>	49.54	
<i>For Elevated Installation >35' To 40', Add</i>	61.93	
<i>For Elevated Installation >40', Add</i>	68.12	
<i>For Work In Restricted Working Space, Add</i>	37.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.16	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-1029	EA	2-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	591.14	87.08
		<i>For Elevated Installation >10' To 15', Add</i>	17.42	
		<i>For Elevated Installation >15' To 20', Add</i>	34.83	
		<i>For Elevated Installation >20' To 25', Add</i>	43.54	
		<i>For Elevated Installation >25' To 30', Add</i>	60.96	
		<i>For Elevated Installation >30' To 35', Add</i>	69.67	
		<i>For Elevated Installation >35' To 40', Add</i>	87.09	
		<i>For Elevated Installation >40', Add</i>	95.79	
		<i>For Work In Restricted Working Space, Add</i>	52.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.25	
26 05 33 13-1030	EA	3" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	756.75	116.11
		<i>For Elevated Installation >10' To 15', Add</i>	23.22	
		<i>For Elevated Installation >15' To 20', Add</i>	46.45	
		<i>For Elevated Installation >20' To 25', Add</i>	58.06	
		<i>For Elevated Installation >25' To 30', Add</i>	81.28	
		<i>For Elevated Installation >30' To 35', Add</i>	92.89	
		<i>For Elevated Installation >35' To 40', Add</i>	116.12	
		<i>For Elevated Installation >40', Add</i>	127.73	
		<i>For Work In Restricted Working Space, Add</i>	69.67	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.67	
26 05 33 13-1031	EA	3-1/2" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,052.34	145.13
		<i>For Elevated Installation >10' To 15', Add</i>	29.03	
		<i>For Elevated Installation >15' To 20', Add</i>	58.05	
		<i>For Elevated Installation >20' To 25', Add</i>	72.57	
		<i>For Elevated Installation >25' To 30', Add</i>	101.59	
		<i>For Elevated Installation >30' To 35', Add</i>	116.11	
		<i>For Elevated Installation >35' To 40', Add</i>	145.14	
		<i>For Elevated Installation >40', Add</i>	159.65	
		<i>For Work In Restricted Working Space, Add</i>	87.08	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.08	
26 05 33 13-1032	EA	4" Type C, LB, LR, LL, Two Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	1,207.72	176.74
		<i>For Elevated Installation >10' To 15', Add</i>	35.35	
		<i>For Elevated Installation >15' To 20', Add</i>	70.70	
		<i>For Elevated Installation >20' To 25', Add</i>	88.37	
		<i>For Elevated Installation >25' To 30', Add</i>	123.72	
		<i>For Elevated Installation >30' To 35', Add</i>	141.40	
		<i>For Elevated Installation >35' To 40', Add</i>	176.75	
		<i>For Elevated Installation >40', Add</i>	194.42	
		<i>For Work In Restricted Working Space, Add</i>	106.05	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.05	
26 05 33 13-1033		Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0848)</small>		
		Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1034	EA	1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	157.46	40.64
		<i>For Elevated Installation >10' To 15', Add</i>	8.13	
		<i>For Elevated Installation >15' To 20', Add</i>	16.25	
		<i>For Elevated Installation >20' To 25', Add</i>	20.32	
		<i>For Elevated Installation >25' To 30', Add</i>	28.44	
		<i>For Elevated Installation >30' To 35', Add</i>	32.51	
		<i>For Elevated Installation >35' To 40', Add</i>	40.64	
		<i>For Elevated Installation >40', Add</i>	44.70	
		<i>For Work In Restricted Working Space, Add</i>	24.38	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.38	
26 05 33 13-1035	EA	3/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	179.52	45.16
		<i>For Elevated Installation >10' To 15', Add</i>	9.03	
		<i>For Elevated Installation >15' To 20', Add</i>	18.06	
		<i>For Elevated Installation >20' To 25', Add</i>	22.58	
		<i>For Elevated Installation >25' To 30', Add</i>	31.61	
		<i>For Elevated Installation >30' To 35', Add</i>	36.12	
		<i>For Elevated Installation >35' To 40', Add</i>	45.16	
		<i>For Elevated Installation >40', Add</i>	49.67	
		<i>For Work In Restricted Working Space, Add</i>	27.09	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.09	
26 05 33 13-1036	EA	1" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	219.50	49.67
		<i>For Elevated Installation >10' To 15', Add</i>	9.93	
		<i>For Elevated Installation >15' To 20', Add</i>	19.87	
		<i>For Elevated Installation >20' To 25', Add</i>	24.83	
		<i>For Elevated Installation >25' To 30', Add</i>	34.77	
		<i>For Elevated Installation >30' To 35', Add</i>	39.73	
		<i>For Elevated Installation >35' To 40', Add</i>	49.67	
		<i>For Elevated Installation >40', Add</i>	54.63	
		<i>For Work In Restricted Working Space, Add</i>	29.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1037 EA 1-1/4" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	295.59	56.76
For Elevated Installation >10' To 15', Add	11.35	
For Elevated Installation >15' To 20', Add	22.70	
For Elevated Installation >20' To 25', Add	28.38	
For Elevated Installation >25' To 30', Add	39.73	
For Elevated Installation >30' To 35', Add	45.41	
For Elevated Installation >35' To 40', Add	56.76	
For Elevated Installation >40', Add	62.44	
For Work In Restricted Working Space, Add	34.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.06	
26 05 33 13-1038 EA 1-1/2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	349.54	61.93
For Elevated Installation >10' To 15', Add	12.39	
For Elevated Installation >15' To 20', Add	24.77	
For Elevated Installation >20' To 25', Add	30.96	
For Elevated Installation >25' To 30', Add	43.35	
For Elevated Installation >30' To 35', Add	49.54	
For Elevated Installation >35' To 40', Add	61.93	
For Elevated Installation >40', Add	68.12	
For Work In Restricted Working Space, Add	37.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	37.16	
26 05 33 13-1039 EA 2" Type X, Four Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	476.41	76.12
For Elevated Installation >10' To 15', Add	15.22	
For Elevated Installation >15' To 20', Add	30.45	
For Elevated Installation >20' To 25', Add	38.06	
For Elevated Installation >25' To 30', Add	53.28	
For Elevated Installation >30' To 35', Add	60.89	
For Elevated Installation >35' To 40', Add	76.12	
For Elevated Installation >40', Add	83.73	
For Work In Restricted Working Space, Add	45.67	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.67	
26 05 33 13-1040 Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover <small>(26 05 33 13-0848)</small>		
Note: Suitable for use in hazardous locations. Class I, Div 2.		
26 05 33 13-1041 EA 1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	138.59	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.84	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.03	
For Work In Restricted Working Space, Add	21.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.29	
26 05 33 13-1042 EA 3/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	158.10	41.29
For Elevated Installation >10' To 15', Add	8.26	
For Elevated Installation >15' To 20', Add	16.51	
For Elevated Installation >20' To 25', Add	20.64	
For Elevated Installation >25' To 30', Add	28.90	
For Elevated Installation >30' To 35', Add	33.02	
For Elevated Installation >35' To 40', Add	41.28	
For Elevated Installation >40', Add	45.41	
For Work In Restricted Working Space, Add	24.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.77	
26 05 33 13-1043 EA 1" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	191.51	45.16
For Elevated Installation >10' To 15', Add	9.03	
For Elevated Installation >15' To 20', Add	18.06	
For Elevated Installation >20' To 25', Add	22.58	
For Elevated Installation >25' To 30', Add	31.61	
For Elevated Installation >30' To 35', Add	36.12	
For Elevated Installation >35' To 40', Add	45.16	
For Elevated Installation >40', Add	49.67	
For Work In Restricted Working Space, Add	27.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	27.09	
26 05 33 13-1044 EA 1-1/4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	245.68	51.61
For Elevated Installation >10' To 15', Add	10.32	
For Elevated Installation >15' To 20', Add	20.64	
For Elevated Installation >20' To 25', Add	25.80	
For Elevated Installation >25' To 30', Add	36.12	
For Elevated Installation >30' To 35', Add	41.28	
For Elevated Installation >35' To 40', Add	51.61	
For Elevated Installation >40', Add	56.77	
For Work In Restricted Working Space, Add	30.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.96	
26 05 33 13-1045 EA 1-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover	291.45	56.76
For Elevated Installation >10' To 15', Add	11.35	
For Elevated Installation >15' To 20', Add	22.71	
For Elevated Installation >20' To 25', Add	28.38	
For Elevated Installation >25' To 30', Add	39.74	
For Elevated Installation >30' To 35', Add	45.41	
For Elevated Installation >35' To 40', Add	56.77	
For Elevated Installation >40', Add	62.44	
For Work In Restricted Working Space, Add	34.06	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	34.06	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1046	EA		2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	391.24	66.44
			<i>For Elevated Installation >10' To 15', Add</i>	13.29	
			<i>For Elevated Installation >15' To 20', Add</i>	26.58	
			<i>For Elevated Installation >20' To 25', Add</i>	33.22	
			<i>For Elevated Installation >25' To 30', Add</i>	46.51	
			<i>For Elevated Installation >30' To 35', Add</i>	53.15	
			<i>For Elevated Installation >35' To 40', Add</i>	66.44	
			<i>For Elevated Installation >40', Add</i>	73.08	
			<i>For Work In Restricted Working Space, Add</i>	39.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.86	
26 05 33 13-1047	EA		2-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	629.94	96.75
			<i>For Elevated Installation >10' To 15', Add</i>	19.35	
			<i>For Elevated Installation >15' To 20', Add</i>	38.70	
			<i>For Elevated Installation >20' To 25', Add</i>	48.38	
			<i>For Elevated Installation >25' To 30', Add</i>	67.73	
			<i>For Elevated Installation >30' To 35', Add</i>	77.41	
			<i>For Elevated Installation >35' To 40', Add</i>	96.76	
			<i>For Elevated Installation >40', Add</i>	106.44	
			<i>For Work In Restricted Working Space, Add</i>	58.06	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.06	
26 05 33 13-1048	EA		3" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	833.93	125.79
			<i>For Elevated Installation >10' To 15', Add</i>	25.16	
			<i>For Elevated Installation >15' To 20', Add</i>	50.31	
			<i>For Elevated Installation >20' To 25', Add</i>	62.89	
			<i>For Elevated Installation >25' To 30', Add</i>	88.05	
			<i>For Elevated Installation >30' To 35', Add</i>	100.62	
			<i>For Elevated Installation >35' To 40', Add</i>	125.78	
			<i>For Elevated Installation >40', Add</i>	138.36	
			<i>For Work In Restricted Working Space, Add</i>	75.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.47	
26 05 33 13-1049	EA		3-1/2" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,146.67	154.81
			<i>For Elevated Installation >10' To 15', Add</i>	30.96	
			<i>For Elevated Installation >15' To 20', Add</i>	61.92	
			<i>For Elevated Installation >20' To 25', Add</i>	77.41	
			<i>For Elevated Installation >25' To 30', Add</i>	108.37	
			<i>For Elevated Installation >30' To 35', Add</i>	123.85	
			<i>For Elevated Installation >35' To 40', Add</i>	154.81	
			<i>For Elevated Installation >40', Add</i>	170.29	
			<i>For Work In Restricted Working Space, Add</i>	92.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.89	
26 05 33 13-1050	EA		4" Type T Or TB, Three Hub, Polyvinyl Chloride (PVC) Coated, Urethane Lined, Iron Conduit Bodies With Cover.....	1,280.94	186.42
			<i>For Elevated Installation >10' To 15', Add</i>	37.29	
			<i>For Elevated Installation >15' To 20', Add</i>	74.57	
			<i>For Elevated Installation >20' To 25', Add</i>	93.21	
			<i>For Elevated Installation >25' To 30', Add</i>	130.50	
			<i>For Elevated Installation >30' To 35', Add</i>	149.14	
			<i>For Elevated Installation >35' To 40', Add</i>	186.43	
			<i>For Elevated Installation >40', Add</i>	205.07	
			<i>For Work In Restricted Working Space, Add</i>	111.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.86	
26 05 33 13-1051			Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined <small>(26 05 33 13-0848)</small>		
26 05 33 13-1052	EA		1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	28.52	3.87
			<i>For Elevated Installation >10' To 15', Add</i>	0.77	
			<i>For Elevated Installation >15' To 20', Add</i>	1.55	
			<i>For Elevated Installation >20' To 25', Add</i>	1.94	
			<i>For Elevated Installation >25' To 30', Add</i>	2.71	
			<i>For Elevated Installation >30' To 35', Add</i>	3.10	
			<i>For Elevated Installation >35' To 40', Add</i>	3.87	
			<i>For Elevated Installation >40', Add</i>	4.26	
			<i>For Work In Restricted Working Space, Add</i>	2.32	
26 05 33 13-1053	EA		3/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	31.99	4.51
			<i>For Elevated Installation >10' To 15', Add</i>	0.90	
			<i>For Elevated Installation >15' To 20', Add</i>	1.81	
			<i>For Elevated Installation >20' To 25', Add</i>	2.26	
			<i>For Elevated Installation >25' To 30', Add</i>	3.16	
			<i>For Elevated Installation >30' To 35', Add</i>	3.61	
			<i>For Elevated Installation >35' To 40', Add</i>	4.52	
			<i>For Elevated Installation >40', Add</i>	4.97	
			<i>For Work In Restricted Working Space, Add</i>	2.71	
26 05 33 13-1054	EA		1" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined.....	41.72	5.81
			<i>For Elevated Installation >10' To 15', Add</i>	1.16	
			<i>For Elevated Installation >15' To 20', Add</i>	2.32	
			<i>For Elevated Installation >20' To 25', Add</i>	2.90	
			<i>For Elevated Installation >25' To 30', Add</i>	4.06	
			<i>For Elevated Installation >30' To 35', Add</i>	4.64	
			<i>For Elevated Installation >35' To 40', Add</i>	5.81	
			<i>For Elevated Installation >40', Add</i>	6.39	
			<i>For Work In Restricted Working Space, Add</i>	3.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1055 EA 1-1/4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	53.67	7.10
For Elevated Installation >10' To 15', Add	1.42	
For Elevated Installation >15' To 20', Add	2.84	
For Elevated Installation >20' To 25', Add	3.55	
For Elevated Installation >25' To 30', Add	4.97	
For Elevated Installation >30' To 35', Add	5.68	
For Elevated Installation >35' To 40', Add	7.10	
For Elevated Installation >40', Add	7.80	
For Work In Restricted Working Space, Add	4.26	
26 05 33 13-1056 EA 1-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	60.07	8.38
For Elevated Installation >10' To 15', Add	1.68	
For Elevated Installation >15' To 20', Add	3.35	
For Elevated Installation >20' To 25', Add	4.19	
For Elevated Installation >25' To 30', Add	5.87	
For Elevated Installation >30' To 35', Add	6.71	
For Elevated Installation >35' To 40', Add	8.39	
For Elevated Installation >40', Add	9.22	
For Work In Restricted Working Space, Add	5.03	
26 05 33 13-1057 EA 2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	74.39	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
26 05 33 13-1058 EA 2-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	96.35	10.96
For Elevated Installation >10' To 15', Add	2.19	
For Elevated Installation >15' To 20', Add	4.39	
For Elevated Installation >20' To 25', Add	5.48	
For Elevated Installation >25' To 30', Add	7.68	
For Elevated Installation >30' To 35', Add	8.77	
For Elevated Installation >35' To 40', Add	10.97	
For Elevated Installation >40', Add	12.06	
For Work In Restricted Working Space, Add	6.58	
26 05 33 13-1059 EA 3" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	105.38	15.48
For Elevated Installation >10' To 15', Add	3.10	
For Elevated Installation >15' To 20', Add	6.19	
For Elevated Installation >20' To 25', Add	7.74	
For Elevated Installation >25' To 30', Add	10.84	
For Elevated Installation >30' To 35', Add	12.38	
For Elevated Installation >35' To 40', Add	15.48	
For Elevated Installation >40', Add	17.03	
For Work In Restricted Working Space, Add	9.29	
26 05 33 13-1060 EA 3-1/2" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	128.15	17.42
For Elevated Installation >10' To 15', Add	3.48	
For Elevated Installation >15' To 20', Add	6.97	
For Elevated Installation >20' To 25', Add	8.71	
For Elevated Installation >25' To 30', Add	12.19	
For Elevated Installation >30' To 35', Add	13.93	
For Elevated Installation >35' To 40', Add	17.42	
For Elevated Installation >40', Add	19.16	
For Work In Restricted Working Space, Add	10.45	
26 05 33 13-1061 EA 4" Replacement Iron Conduit Body Covers, Polyvinyl Chloride (PVC) Coated, Urethane Lined	137.18	21.93
For Elevated Installation >10' To 15', Add	4.39	
For Elevated Installation >15' To 20', Add	8.77	
For Elevated Installation >20' To 25', Add	10.97	
For Elevated Installation >25' To 30', Add	15.35	
For Elevated Installation >30' To 35', Add	17.54	
For Elevated Installation >35' To 40', Add	21.93	
For Elevated Installation >40', Add	24.12	
For Work In Restricted Working Space, Add	13.16	
26 05 33 13-1062 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Bodies <small>(26 05 33 13-0848)</small>		
26 05 33 13-1063 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	136.28	30.96
For Elevated Installation >10' To 15', Add	6.19	
For Elevated Installation >15' To 20', Add	12.39	
For Elevated Installation >20' To 25', Add	15.48	
For Elevated Installation >25' To 30', Add	21.68	
For Elevated Installation >30' To 35', Add	24.77	
For Elevated Installation >35' To 40', Add	30.97	
For Elevated Installation >40', Add	34.06	
For Work In Restricted Working Space, Add	18.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.58	
26 05 33 13-1064 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body	150.91	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.29	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1065	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	176.27	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.38	
26 05 33 13-1066	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	209.22	47.08
			<i>For Elevated Installation >10' To 15', Add</i>	9.42	
			<i>For Elevated Installation >15' To 20', Add</i>	18.84	
			<i>For Elevated Installation >20' To 25', Add</i>	23.55	
			<i>For Elevated Installation >25' To 30', Add</i>	32.96	
			<i>For Elevated Installation >30' To 35', Add</i>	37.67	
			<i>For Elevated Installation >35' To 40', Add</i>	47.09	
			<i>For Elevated Installation >40', Add</i>	51.80	
			<i>For Work In Restricted Working Space, Add</i>	28.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.25	
26 05 33 13-1067	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	260.47	51.61
			<i>For Elevated Installation >10' To 15', Add</i>	10.32	
			<i>For Elevated Installation >15' To 20', Add</i>	20.64	
			<i>For Elevated Installation >20' To 25', Add</i>	25.80	
			<i>For Elevated Installation >25' To 30', Add</i>	36.12	
			<i>For Elevated Installation >30' To 35', Add</i>	41.28	
			<i>For Elevated Installation >35' To 40', Add</i>	51.61	
			<i>For Elevated Installation >40', Add</i>	56.77	
			<i>For Work In Restricted Working Space, Add</i>	30.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.96	
26 05 33 13-1068	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	315.66	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.16	
26 05 33 13-1069	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	457.14	87.08
			<i>For Elevated Installation >10' To 15', Add</i>	17.42	
			<i>For Elevated Installation >15' To 20', Add</i>	34.83	
			<i>For Elevated Installation >20' To 25', Add</i>	43.54	
			<i>For Elevated Installation >25' To 30', Add</i>	60.96	
			<i>For Elevated Installation >30' To 35', Add</i>	69.66	
			<i>For Elevated Installation >35' To 40', Add</i>	87.08	
			<i>For Elevated Installation >40', Add</i>	95.79	
			<i>For Work In Restricted Working Space, Add</i>	52.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.25	
26 05 33 13-1070	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	586.14	116.11
			<i>For Elevated Installation >10' To 15', Add</i>	23.22	
			<i>For Elevated Installation >15' To 20', Add</i>	46.44	
			<i>For Elevated Installation >20' To 25', Add</i>	58.06	
			<i>For Elevated Installation >25' To 30', Add</i>	81.28	
			<i>For Elevated Installation >30' To 35', Add</i>	92.89	
			<i>For Elevated Installation >35' To 40', Add</i>	116.11	
			<i>For Elevated Installation >40', Add</i>	127.72	
			<i>For Work In Restricted Working Space, Add</i>	69.67	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.67	
26 05 33 13-1071	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	1,173.16	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.08	
26 05 33 13-1072	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYS Sealing Conduit Body.....	1,718.25	176.74
			<i>For Elevated Installation >10' To 15', Add</i>	35.35	
			<i>For Elevated Installation >15' To 20', Add</i>	70.70	
			<i>For Elevated Installation >20' To 25', Add</i>	88.37	
			<i>For Elevated Installation >25' To 30', Add</i>	123.72	
			<i>For Elevated Installation >30' To 35', Add</i>	141.40	
			<i>For Elevated Installation >35' To 40', Add</i>	176.75	
			<i>For Elevated Installation >40', Add</i>	194.42	
			<i>For Work In Restricted Working Space, Add</i>	106.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.05	

26 05 33 13-1073 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Bodies (26 05 33 13-0848)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1074 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 233.06		30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.58	
26 05 33 13-1075 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 250.97		35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33 13-1076 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 286.60		40.64
<i>For Elevated Installation >10' To 15', Add</i>	8.13	
<i>For Elevated Installation >15' To 20', Add</i>	16.26	
<i>For Elevated Installation >20' To 25', Add</i>	20.32	
<i>For Elevated Installation >25' To 30', Add</i>	28.45	
<i>For Elevated Installation >30' To 35', Add</i>	32.51	
<i>For Elevated Installation >35' To 40', Add</i>	40.64	
<i>For Elevated Installation >40', Add</i>	44.70	
<i>For Work In Restricted Working Space, Add</i>	24.38	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.38	
26 05 33 13-1077 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 320.81		47.08
<i>For Elevated Installation >10' To 15', Add</i>	9.42	
<i>For Elevated Installation >15' To 20', Add</i>	18.84	
<i>For Elevated Installation >20' To 25', Add</i>	23.55	
<i>For Elevated Installation >25' To 30', Add</i>	32.96	
<i>For Elevated Installation >30' To 35', Add</i>	37.67	
<i>For Elevated Installation >35' To 40', Add</i>	47.09	
<i>For Elevated Installation >40', Add</i>	51.80	
<i>For Work In Restricted Working Space, Add</i>	28.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.25	
26 05 33 13-1078 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 388.92		51.61
<i>For Elevated Installation >10' To 15', Add</i>	10.32	
<i>For Elevated Installation >15' To 20', Add</i>	20.64	
<i>For Elevated Installation >20' To 25', Add</i>	25.80	
<i>For Elevated Installation >25' To 30', Add</i>	36.12	
<i>For Elevated Installation >30' To 35', Add</i>	41.28	
<i>For Elevated Installation >35' To 40', Add</i>	51.61	
<i>For Elevated Installation >40', Add</i>	56.77	
<i>For Work In Restricted Working Space, Add</i>	30.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.96	
26 05 33 13-1079 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 437.85		61.93
<i>For Elevated Installation >10' To 15', Add</i>	12.39	
<i>For Elevated Installation >15' To 20', Add</i>	24.77	
<i>For Elevated Installation >20' To 25', Add</i>	30.96	
<i>For Elevated Installation >25' To 30', Add</i>	43.35	
<i>For Elevated Installation >30' To 35', Add</i>	49.54	
<i>For Elevated Installation >35' To 40', Add</i>	61.93	
<i>For Elevated Installation >40', Add</i>	68.12	
<i>For Work In Restricted Working Space, Add</i>	37.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.16	
26 05 33 13-1080 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 616.01		87.08
<i>For Elevated Installation >10' To 15', Add</i>	17.42	
<i>For Elevated Installation >15' To 20', Add</i>	34.83	
<i>For Elevated Installation >20' To 25', Add</i>	43.54	
<i>For Elevated Installation >25' To 30', Add</i>	60.96	
<i>For Elevated Installation >30' To 35', Add</i>	69.66	
<i>For Elevated Installation >35' To 40', Add</i>	87.08	
<i>For Elevated Installation >40', Add</i>	95.79	
<i>For Work In Restricted Working Space, Add</i>	52.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.25	
26 05 33 13-1081 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body 858.22		116.11
<i>For Elevated Installation >10' To 15', Add</i>	23.22	
<i>For Elevated Installation >15' To 20', Add</i>	46.44	
<i>For Elevated Installation >20' To 25', Add</i>	58.06	
<i>For Elevated Installation >25' To 30', Add</i>	81.28	
<i>For Elevated Installation >30' To 35', Add</i>	92.89	
<i>For Elevated Installation >35' To 40', Add</i>	116.11	
<i>For Elevated Installation >40', Add</i>	127.72	
<i>For Work In Restricted Working Space, Add</i>	69.67	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.67	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1082	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body	1,252.17	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.08	
26 05 33	13-1083	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EYD Sealing Conduit Body.....	1,821.64	176.74
			<i>For Elevated Installation >10' To 15', Add</i>	35.35	
			<i>For Elevated Installation >15' To 20', Add</i>	70.70	
			<i>For Elevated Installation >20' To 25', Add</i>	88.37	
			<i>For Elevated Installation >25' To 30', Add</i>	123.72	
			<i>For Elevated Installation >30' To 35', Add</i>	141.40	
			<i>For Elevated Installation >35' To 40', Add</i>	176.75	
			<i>For Elevated Installation >40', Add</i>	194.42	
			<i>For Work In Restricted Working Space, Add</i>	106.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.05	
26 05 33	13-1084		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Bodies <small>(26 05 33 13-0848)</small>		
26 05 33	13-1085	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body.....	186.47	30.96
			<i>For Elevated Installation >10' To 15', Add</i>	6.19	
			<i>For Elevated Installation >15' To 20', Add</i>	12.39	
			<i>For Elevated Installation >20' To 25', Add</i>	15.48	
			<i>For Elevated Installation >25' To 30', Add</i>	21.68	
			<i>For Elevated Installation >30' To 35', Add</i>	24.77	
			<i>For Elevated Installation >35' To 40', Add</i>	30.97	
			<i>For Elevated Installation >40', Add</i>	34.06	
			<i>For Work In Restricted Working Space, Add</i>	18.58	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.58	
26 05 33	13-1086	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body.....	198.80	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33	13-1087	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body.....	228.41	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.38	
26 05 33	13-1088	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	254.82	47.08
			<i>For Elevated Installation >10' To 15', Add</i>	9.42	
			<i>For Elevated Installation >15' To 20', Add</i>	18.84	
			<i>For Elevated Installation >20' To 25', Add</i>	23.55	
			<i>For Elevated Installation >25' To 30', Add</i>	32.96	
			<i>For Elevated Installation >30' To 35', Add</i>	37.67	
			<i>For Elevated Installation >35' To 40', Add</i>	47.09	
			<i>For Elevated Installation >40', Add</i>	51.80	
			<i>For Work In Restricted Working Space, Add</i>	28.25	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.25	
26 05 33	13-1089	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	350.50	51.61
			<i>For Elevated Installation >10' To 15', Add</i>	10.32	
			<i>For Elevated Installation >15' To 20', Add</i>	20.64	
			<i>For Elevated Installation >20' To 25', Add</i>	25.80	
			<i>For Elevated Installation >25' To 30', Add</i>	36.12	
			<i>For Elevated Installation >30' To 35', Add</i>	41.28	
			<i>For Elevated Installation >35' To 40', Add</i>	51.61	
			<i>For Elevated Installation >40', Add</i>	56.77	
			<i>For Work In Restricted Working Space, Add</i>	30.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.96	
26 05 33	13-1090	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body.....	440.17	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1091 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	683.58	87.08
For Elevated Installation >10' To 15', Add	17.42	
For Elevated Installation >15' To 20', Add	34.83	
For Elevated Installation >20' To 25', Add	43.54	
For Elevated Installation >25' To 30', Add	60.96	
For Elevated Installation >30' To 35', Add	69.66	
For Elevated Installation >35' To 40', Add	87.08	
For Elevated Installation >40', Add	95.79	
For Work In Restricted Working Space, Add	52.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.25	
26 05 33 13-1092 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	995.69	116.11
For Elevated Installation >10' To 15', Add	23.22	
For Elevated Installation >15' To 20', Add	46.44	
For Elevated Installation >20' To 25', Add	58.06	
For Elevated Installation >25' To 30', Add	81.28	
For Elevated Installation >30' To 35', Add	92.89	
For Elevated Installation >35' To 40', Add	116.11	
For Elevated Installation >40', Add	127.72	
For Work In Restricted Working Space, Add	69.67	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	69.67	
26 05 33 13-1093 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZS Sealing Conduit Body	1,252.17	145.13
For Elevated Installation >10' To 15', Add	29.03	
For Elevated Installation >15' To 20', Add	58.05	
For Elevated Installation >20' To 25', Add	72.57	
For Elevated Installation >25' To 30', Add	101.59	
For Elevated Installation >30' To 35', Add	116.11	
For Elevated Installation >35' To 40', Add	145.14	
For Elevated Installation >40', Add	159.65	
For Work In Restricted Working Space, Add	87.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	87.08	
26 05 33 13-1094 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Bodies (26 05 33 13-0848)		
26 05 33 13-1095 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	246.73	30.96
For Elevated Installation >10' To 15', Add	6.19	
For Elevated Installation >15' To 20', Add	12.39	
For Elevated Installation >20' To 25', Add	15.48	
For Elevated Installation >25' To 30', Add	21.68	
For Elevated Installation >30' To 35', Add	24.77	
For Elevated Installation >35' To 40', Add	30.97	
For Elevated Installation >40', Add	34.06	
For Work In Restricted Working Space, Add	18.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.58	
26 05 33 13-1096 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	273.78	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.29	
26 05 33 13-1097 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	339.37	40.64
For Elevated Installation >10' To 15', Add	8.13	
For Elevated Installation >15' To 20', Add	16.26	
For Elevated Installation >20' To 25', Add	20.32	
For Elevated Installation >25' To 30', Add	28.45	
For Elevated Installation >30' To 35', Add	32.51	
For Elevated Installation >35' To 40', Add	40.64	
For Elevated Installation >40', Add	44.70	
For Work In Restricted Working Space, Add	24.38	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	24.38	
26 05 33 13-1098 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	418.41	47.08
For Elevated Installation >10' To 15', Add	9.42	
For Elevated Installation >15' To 20', Add	18.84	
For Elevated Installation >20' To 25', Add	23.55	
For Elevated Installation >25' To 30', Add	32.96	
For Elevated Installation >30' To 35', Add	37.67	
For Elevated Installation >35' To 40', Add	47.09	
For Elevated Installation >40', Add	51.80	
For Work In Restricted Working Space, Add	28.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.25	
26 05 33 13-1099 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body	581.62	51.61
For Elevated Installation >10' To 15', Add	10.32	
For Elevated Installation >15' To 20', Add	20.64	
For Elevated Installation >20' To 25', Add	25.80	
For Elevated Installation >25' To 30', Add	36.12	
For Elevated Installation >30' To 35', Add	41.28	
For Elevated Installation >35' To 40', Add	51.61	
For Elevated Installation >40', Add	56.77	
For Work In Restricted Working Space, Add	30.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	30.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1100	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) EZD Sealing Conduit Body.....	697.06	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.16	
26 05 33 13-1101			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Couplings <small>(26 05 33 13-0848)</small>		
26 05 33 13-1102	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	47.45	12.41
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Work In Restricted Working Space, Add</i>	7.44	
26 05 33 13-1103	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	62.95	14.88
			<i>For Elevated Installation >10' To 15', Add</i>	2.98	
			<i>For Elevated Installation >15' To 20', Add</i>	5.95	
			<i>For Elevated Installation >20' To 25', Add</i>	7.44	
			<i>For Elevated Installation >25' To 30', Add</i>	10.42	
			<i>For Elevated Installation >30' To 35', Add</i>	11.91	
			<i>For Elevated Installation >35' To 40', Add</i>	14.89	
			<i>For Elevated Installation >40', Add</i>	16.37	
			<i>For Work In Restricted Working Space, Add</i>	8.93	
26 05 33 13-1104	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	79.97	19.85
			<i>For Elevated Installation >10' To 15', Add</i>	3.97	
			<i>For Elevated Installation >15' To 20', Add</i>	7.94	
			<i>For Elevated Installation >20' To 25', Add</i>	9.92	
			<i>For Elevated Installation >25' To 30', Add</i>	13.89	
			<i>For Elevated Installation >30' To 35', Add</i>	15.88	
			<i>For Elevated Installation >35' To 40', Add</i>	19.85	
			<i>For Elevated Installation >40', Add</i>	21.83	
			<i>For Work In Restricted Working Space, Add</i>	11.91	
26 05 33 13-1105	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	110.08	24.81
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Work In Restricted Working Space, Add</i>	14.89	
26 05 33 13-1106	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	144.47	29.77
			<i>For Elevated Installation >10' To 15', Add</i>	5.95	
			<i>For Elevated Installation >15' To 20', Add</i>	11.91	
			<i>For Elevated Installation >20' To 25', Add</i>	14.89	
			<i>For Elevated Installation >25' To 30', Add</i>	20.84	
			<i>For Elevated Installation >30' To 35', Add</i>	23.82	
			<i>For Elevated Installation >35' To 40', Add</i>	29.77	
			<i>For Elevated Installation >40', Add</i>	32.75	
			<i>For Work In Restricted Working Space, Add</i>	17.86	
26 05 33 13-1107	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	249.05	34.73
			<i>For Elevated Installation >10' To 15', Add</i>	6.95	
			<i>For Elevated Installation >15' To 20', Add</i>	13.89	
			<i>For Elevated Installation >20' To 25', Add</i>	17.37	
			<i>For Elevated Installation >25' To 30', Add</i>	24.31	
			<i>For Elevated Installation >30' To 35', Add</i>	27.79	
			<i>For Elevated Installation >35' To 40', Add</i>	34.74	
			<i>For Elevated Installation >40', Add</i>	38.21	
			<i>For Work In Restricted Working Space, Add</i>	20.84	
26 05 33 13-1108	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	362.12	39.69
			<i>For Elevated Installation >10' To 15', Add</i>	7.94	
			<i>For Elevated Installation >15' To 20', Add</i>	15.88	
			<i>For Elevated Installation >20' To 25', Add</i>	19.85	
			<i>For Elevated Installation >25' To 30', Add</i>	27.78	
			<i>For Elevated Installation >30' To 35', Add</i>	31.75	
			<i>For Elevated Installation >35' To 40', Add</i>	39.69	
			<i>For Elevated Installation >40', Add</i>	43.66	
			<i>For Work In Restricted Working Space, Add</i>	23.81	
26 05 33 13-1109	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling	451.88	44.66
			<i>For Elevated Installation >10' To 15', Add</i>	8.93	
			<i>For Elevated Installation >15' To 20', Add</i>	17.86	
			<i>For Elevated Installation >20' To 25', Add</i>	22.33	
			<i>For Elevated Installation >25' To 30', Add</i>	31.26	
			<i>For Elevated Installation >30' To 35', Add</i>	35.72	
			<i>For Elevated Installation >35' To 40', Add</i>	44.66	
			<i>For Elevated Installation >40', Add</i>	49.12	
			<i>For Work In Restricted Working Space, Add</i>	26.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1110 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	629.20	52.10
For Elevated Installation >10' To 15', Add	10.42	
For Elevated Installation >15' To 20', Add	20.84	
For Elevated Installation >20' To 25', Add	26.05	
For Elevated Installation >25' To 30', Add	36.47	
For Elevated Installation >30' To 35', Add	41.68	
For Elevated Installation >35' To 40', Add	52.10	
For Elevated Installation >40', Add	57.31	
For Work In Restricted Working Space, Add	31.26	
26 05 33 13-1111 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	764.04	59.54
For Elevated Installation >10' To 15', Add	11.91	
For Elevated Installation >15' To 20', Add	23.82	
For Elevated Installation >20' To 25', Add	29.77	
For Elevated Installation >25' To 30', Add	41.68	
For Elevated Installation >30' To 35', Add	47.64	
For Elevated Installation >35' To 40', Add	59.55	
For Elevated Installation >40', Add	65.50	
For Work In Restricted Working Space, Add	35.73	
26 05 33 13-1112 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	1,222.87	94.28
For Elevated Installation >10' To 15', Add	18.86	
For Elevated Installation >15' To 20', Add	37.71	
For Elevated Installation >20' To 25', Add	47.14	
For Elevated Installation >25' To 30', Add	65.99	
For Elevated Installation >30' To 35', Add	75.42	
For Elevated Installation >35' To 40', Add	94.28	
For Elevated Installation >40', Add	103.70	
For Work In Restricted Working Space, Add	56.57	
26 05 33 13-1113 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Split Coupling.....	1,671.35	143.90
For Elevated Installation >10' To 15', Add	28.78	
For Elevated Installation >15' To 20', Add	57.56	
For Elevated Installation >20' To 25', Add	71.95	
For Elevated Installation >25' To 30', Add	100.73	
For Elevated Installation >30' To 35', Add	115.12	
For Elevated Installation >35' To 40', Add	143.90	
For Elevated Installation >40', Add	158.28	
For Work In Restricted Working Space, Add	86.34	
26 05 33 13-1114 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-1115 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	175.84	30.96
For Elevated Installation >10' To 15', Add	6.19	
For Elevated Installation >15' To 20', Add	12.39	
For Elevated Installation >20' To 25', Add	15.48	
For Elevated Installation >25' To 30', Add	21.68	
For Elevated Installation >30' To 35', Add	24.77	
For Elevated Installation >35' To 40', Add	30.97	
For Elevated Installation >40', Add	34.06	
For Work In Restricted Working Space, Add	18.58	
26 05 33 13-1116 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	207.91	34.19
For Elevated Installation >10' To 15', Add	6.84	
For Elevated Installation >15' To 20', Add	13.67	
For Elevated Installation >20' To 25', Add	17.09	
For Elevated Installation >25' To 30', Add	23.93	
For Elevated Installation >30' To 35', Add	27.35	
For Elevated Installation >35' To 40', Add	34.19	
For Elevated Installation >40', Add	37.60	
For Work In Restricted Working Space, Add	20.51	
26 05 33 13-1117 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	229.38	40.64
For Elevated Installation >10' To 15', Add	8.13	
For Elevated Installation >15' To 20', Add	16.26	
For Elevated Installation >20' To 25', Add	20.32	
For Elevated Installation >25' To 30', Add	28.45	
For Elevated Installation >30' To 35', Add	32.51	
For Elevated Installation >35' To 40', Add	40.64	
For Elevated Installation >40', Add	44.70	
For Work In Restricted Working Space, Add	24.38	
26 05 33 13-1118 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	329.85	47.08
For Elevated Installation >10' To 15', Add	9.42	
For Elevated Installation >15' To 20', Add	18.84	
For Elevated Installation >20' To 25', Add	23.55	
For Elevated Installation >25' To 30', Add	32.96	
For Elevated Installation >30' To 35', Add	37.67	
For Elevated Installation >35' To 40', Add	47.09	
For Elevated Installation >40', Add	51.80	
For Work In Restricted Working Space, Add	28.25	
26 05 33 13-1119 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	435.29	51.61
For Elevated Installation >10' To 15', Add	10.32	
For Elevated Installation >15' To 20', Add	20.64	
For Elevated Installation >20' To 25', Add	25.80	
For Elevated Installation >25' To 30', Add	36.12	
For Elevated Installation >30' To 35', Add	41.28	
For Elevated Installation >35' To 40', Add	51.61	
For Elevated Installation >40', Add	56.77	
For Work In Restricted Working Space, Add	30.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1120	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	469.73	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	
26 05 33 13-1121	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,110.63	85.79
			<i>For Elevated Installation >10' To 15', Add</i>	17.16	
			<i>For Elevated Installation >15' To 20', Add</i>	34.32	
			<i>For Elevated Installation >20' To 25', Add</i>	42.90	
			<i>For Elevated Installation >25' To 30', Add</i>	60.06	
			<i>For Elevated Installation >30' To 35', Add</i>	68.64	
			<i>For Elevated Installation >35' To 40', Add</i>	85.80	
			<i>For Elevated Installation >40', Add</i>	94.37	
			<i>For Work In Restricted Working Space, Add</i>	51.48	
26 05 33 13-1122	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,171.49	116.11
			<i>For Elevated Installation >10' To 15', Add</i>	23.22	
			<i>For Elevated Installation >15' To 20', Add</i>	46.45	
			<i>For Elevated Installation >20' To 25', Add</i>	58.06	
			<i>For Elevated Installation >25' To 30', Add</i>	81.28	
			<i>For Elevated Installation >30' To 35', Add</i>	92.89	
			<i>For Elevated Installation >35' To 40', Add</i>	116.12	
			<i>For Elevated Installation >40', Add</i>	127.73	
			<i>For Work In Restricted Working Space, Add</i>	69.67	
26 05 33 13-1123	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,917.23	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.06	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.60	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33 13-1124	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Pulling Elbow.....	1,996.24	176.74
			<i>For Elevated Installation >10' To 15', Add</i>	35.35	
			<i>For Elevated Installation >15' To 20', Add</i>	70.70	
			<i>For Elevated Installation >20' To 25', Add</i>	88.38	
			<i>For Elevated Installation >25' To 30', Add</i>	123.73	
			<i>For Elevated Installation >30' To 35', Add</i>	141.40	
			<i>For Elevated Installation >35' To 40', Add</i>	176.76	
			<i>For Elevated Installation >40', Add</i>	194.43	
			<i>For Work In Restricted Working Space, Add</i>	106.05	
26 05 33 13-1125 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbows <small>(26 05 33 13-0848)</small>					
26 05 33 13-1126	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	256.91	30.96
			<i>For Elevated Installation >10' To 15', Add</i>	6.19	
			<i>For Elevated Installation >15' To 20', Add</i>	12.39	
			<i>For Elevated Installation >20' To 25', Add</i>	15.48	
			<i>For Elevated Installation >25' To 30', Add</i>	21.68	
			<i>For Elevated Installation >30' To 35', Add</i>	24.77	
			<i>For Elevated Installation >35' To 40', Add</i>	30.97	
			<i>For Elevated Installation >40', Add</i>	34.06	
			<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33 13-1127	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	292.65	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1128	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling Elbow.....	578.13	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1129 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
Pulling Elbow.....	606.37	47.08
<i>For Elevated Installation >10' To 15', Add</i>	9.42	
<i>For Elevated Installation >15' To 20', Add</i>	18.84	
<i>For Elevated Installation >20' To 25', Add</i>	23.55	
<i>For Elevated Installation >25' To 30', Add</i>	32.96	
<i>For Elevated Installation >30' To 35', Add</i>	37.67	
<i>For Elevated Installation >35' To 40', Add</i>	47.09	
<i>For Elevated Installation >40', Add</i>	51.80	
<i>For Work In Restricted Working Space, Add</i>	28.25	
26 05 33 13-1130 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
Pulling Elbow.....	829.20	51.61
<i>For Elevated Installation >10' To 15', Add</i>	10.32	
<i>For Elevated Installation >15' To 20', Add</i>	20.64	
<i>For Elevated Installation >20' To 25', Add</i>	25.80	
<i>For Elevated Installation >25' To 30', Add</i>	36.12	
<i>For Elevated Installation >30' To 35', Add</i>	41.28	
<i>For Elevated Installation >35' To 40', Add</i>	51.61	
<i>For Elevated Installation >40', Add</i>	56.77	
<i>For Work In Restricted Working Space, Add</i>	30.96	
26 05 33 13-1131 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling		
Elbow.....	884.28	61.93
<i>For Elevated Installation >10' To 15', Add</i>	12.39	
<i>For Elevated Installation >15' To 20', Add</i>	24.77	
<i>For Elevated Installation >20' To 25', Add</i>	30.96	
<i>For Elevated Installation >25' To 30', Add</i>	43.35	
<i>For Elevated Installation >30' To 35', Add</i>	49.54	
<i>For Elevated Installation >35' To 40', Add</i>	61.93	
<i>For Elevated Installation >40', Add</i>	68.12	
<i>For Work In Restricted Working Space, Add</i>	37.16	
26 05 33 13-1132 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
Pulling Elbow.....	1,701.08	87.08
<i>For Elevated Installation >10' To 15', Add</i>	17.42	
<i>For Elevated Installation >15' To 20', Add</i>	34.83	
<i>For Elevated Installation >20' To 25', Add</i>	43.54	
<i>For Elevated Installation >25' To 30', Add</i>	60.96	
<i>For Elevated Installation >30' To 35', Add</i>	69.66	
<i>For Elevated Installation >35' To 40', Add</i>	87.08	
<i>For Elevated Installation >40', Add</i>	95.79	
<i>For Work In Restricted Working Space, Add</i>	52.25	
26 05 33 13-1133 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling		
Elbow.....	1,789.32	116.11
<i>For Elevated Installation >10' To 15', Add</i>	23.22	
<i>For Elevated Installation >15' To 20', Add</i>	46.44	
<i>For Elevated Installation >20' To 25', Add</i>	58.06	
<i>For Elevated Installation >25' To 30', Add</i>	81.28	
<i>For Elevated Installation >30' To 35', Add</i>	92.89	
<i>For Elevated Installation >35' To 40', Add</i>	116.11	
<i>For Elevated Installation >40', Add</i>	127.72	
<i>For Work In Restricted Working Space, Add</i>	69.67	
26 05 33 13-1134 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations		
Pulling Elbow.....	2,621.98	145.13
<i>For Elevated Installation >10' To 15', Add</i>	29.03	
<i>For Elevated Installation >15' To 20', Add</i>	58.05	
<i>For Elevated Installation >20' To 25', Add</i>	72.57	
<i>For Elevated Installation >25' To 30', Add</i>	101.59	
<i>For Elevated Installation >30' To 35', Add</i>	116.11	
<i>For Elevated Installation >35' To 40', Add</i>	145.14	
<i>For Elevated Installation >40', Add</i>	159.65	
<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33 13-1135 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Hazardous Locations Pulling		
Elbow.....	2,968.64	176.74
<i>For Elevated Installation >10' To 15', Add</i>	35.35	
<i>For Elevated Installation >15' To 20', Add</i>	70.70	
<i>For Elevated Installation >20' To 25', Add</i>	88.37	
<i>For Elevated Installation >25' To 30', Add</i>	123.72	
<i>For Elevated Installation >30' To 35', Add</i>	141.40	
<i>For Elevated Installation >35' To 40', Add</i>	176.75	
<i>For Elevated Installation >40', Add</i>	194.42	
<i>For Work In Restricted Working Space, Add</i>	106.05	
26 05 33 13-1136 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-1137 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree		
Malleable Elbow.....	98.43	16.13
<i>For Elevated Installation >10' To 15', Add</i>	3.23	
<i>For Elevated Installation >15' To 20', Add</i>	6.45	
<i>For Elevated Installation >20' To 25', Add</i>	8.06	
<i>For Elevated Installation >25' To 30', Add</i>	11.29	
<i>For Elevated Installation >30' To 35', Add</i>	12.90	
<i>For Elevated Installation >35' To 40', Add</i>	16.13	
<i>For Elevated Installation >40', Add</i>	17.74	
<i>For Work In Restricted Working Space, Add</i>	9.68	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1138	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	114.51	20.00
			<i>For Elevated Installation >10' To 15', Add</i>	4.00	
			<i>For Elevated Installation >15' To 20', Add</i>	8.00	
			<i>For Elevated Installation >20' To 25', Add</i>	10.00	
			<i>For Elevated Installation >25' To 30', Add</i>	14.00	
			<i>For Elevated Installation >30' To 35', Add</i>	16.00	
			<i>For Elevated Installation >35' To 40', Add</i>	20.00	
			<i>For Elevated Installation >40', Add</i>	21.99	
			<i>For Work In Restricted Working Space, Add</i>	12.00	
26 05 33 13-1139	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	136.40	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-1140	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Male 90 Degree Malleable Elbow	161.03	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-1141			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-1142	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	77.31	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
26 05 33 13-1143	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	89.16	20.00
			<i>For Elevated Installation >10' To 15', Add</i>	4.00	
			<i>For Elevated Installation >15' To 20', Add</i>	8.00	
			<i>For Elevated Installation >20' To 25', Add</i>	10.00	
			<i>For Elevated Installation >25' To 30', Add</i>	14.00	
			<i>For Elevated Installation >30' To 35', Add</i>	16.00	
			<i>For Elevated Installation >35' To 40', Add</i>	20.00	
			<i>For Elevated Installation >40', Add</i>	21.99	
			<i>For Work In Restricted Working Space, Add</i>	12.00	
26 05 33 13-1144	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	124.05	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-1145	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	161.12	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-1146	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow	196.48	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1147 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	283.15	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
26 05 33 13-1148 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 90 Degree Malleable Elbow.....	387.19	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	
26 05 33 13-1149 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbows (26 05 33 13-0848)		
26 05 33 13-1150 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	98.48	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
26 05 33 13-1151 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	117.43	20.00
For Elevated Installation >10' To 15', Add	4.00	
For Elevated Installation >15' To 20', Add	8.00	
For Elevated Installation >20' To 25', Add	10.00	
For Elevated Installation >25' To 30', Add	14.00	
For Elevated Installation >30' To 35', Add	16.00	
For Elevated Installation >35' To 40', Add	20.00	
For Elevated Installation >40', Add	21.99	
For Work In Restricted Working Space, Add	12.00	
26 05 33 13-1152 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	136.42	24.51
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
For Work In Restricted Working Space, Add	14.71	
26 05 33 13-1153 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Male To Female 90 Degree Malleable Elbow.....	161.07	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	
26 05 33 13-1154 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbows (26 05 33 13-0848)		
26 05 33 13-1155 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	77.39	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1156	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	89.16	20.00
			<i>For Elevated Installation >10' To 15', Add</i>	4.00	
			<i>For Elevated Installation >15' To 20', Add</i>	8.00	
			<i>For Elevated Installation >20' To 25', Add</i>	10.00	
			<i>For Elevated Installation >25' To 30', Add</i>	14.00	
			<i>For Elevated Installation >30' To 35', Add</i>	16.00	
			<i>For Elevated Installation >35' To 40', Add</i>	20.00	
			<i>For Elevated Installation >40', Add</i>	21.99	
			<i>For Work In Restricted Working Space, Add</i>	12.00	
26 05 33	13-1157	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	115.30	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33	13-1158	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	144.14	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33	13-1159	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	168.81	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33	13-1160	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	194.55	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33	13-1161	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	364.59	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33	13-1162	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	417.32	60.63
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
			<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33	13-1163	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	450.08	68.37
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
			<i>For Work In Restricted Working Space, Add</i>	41.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1164 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Female To Female 45 Degree Malleable Elbow.....	555.01	89.01
<i>For Elevated Installation >10' To 15', Add</i>	17.80	
<i>For Elevated Installation >15' To 20', Add</i>	35.61	
<i>For Elevated Installation >20' To 25', Add</i>	44.51	
<i>For Elevated Installation >25' To 30', Add</i>	62.31	
<i>For Elevated Installation >30' To 35', Add</i>	71.21	
<i>For Elevated Installation >35' To 40', Add</i>	89.02	
<i>For Elevated Installation >40', Add</i>	97.92	
<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-1165 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbows <small>(26 05 33 13-0848)</small>		
26 05 33 13-1166 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	162.16	30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.58	
26 05 33 13-1167 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	175.12	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.29	
26 05 33 13-1168 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	191.61	40.64
<i>For Elevated Installation >10' To 15', Add</i>	8.13	
<i>For Elevated Installation >15' To 20', Add</i>	16.26	
<i>For Elevated Installation >20' To 25', Add</i>	20.32	
<i>For Elevated Installation >25' To 30', Add</i>	28.45	
<i>For Elevated Installation >30' To 35', Add</i>	32.51	
<i>For Elevated Installation >35' To 40', Add</i>	40.64	
<i>For Elevated Installation >40', Add</i>	44.70	
<i>For Work In Restricted Working Space, Add</i>	24.38	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.38	
26 05 33 13-1169 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	257.77	47.08
<i>For Elevated Installation >10' To 15', Add</i>	9.42	
<i>For Elevated Installation >15' To 20', Add</i>	18.84	
<i>For Elevated Installation >20' To 25', Add</i>	23.55	
<i>For Elevated Installation >25' To 30', Add</i>	32.96	
<i>For Elevated Installation >30' To 35', Add</i>	37.67	
<i>For Elevated Installation >35' To 40', Add</i>	47.09	
<i>For Elevated Installation >40', Add</i>	51.80	
<i>For Work In Restricted Working Space, Add</i>	28.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.25	
26 05 33 13-1170 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Service Entrance Elbow	328.44	51.61
<i>For Elevated Installation >10' To 15', Add</i>	10.32	
<i>For Elevated Installation >15' To 20', Add</i>	20.64	
<i>For Elevated Installation >20' To 25', Add</i>	25.80	
<i>For Elevated Installation >25' To 30', Add</i>	36.12	
<i>For Elevated Installation >30' To 35', Add</i>	41.28	
<i>For Elevated Installation >35' To 40', Add</i>	51.61	
<i>For Elevated Installation >40', Add</i>	56.77	
<i>For Work In Restricted Working Space, Add</i>	30.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.96	
26 05 33 13-1171 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0848)</small>		
26 05 33 13-1172 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover	195.63	30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1173	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	210.64	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33	13-1174	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	246.27	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	
26 05 33	13-1175	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	352.63	47.08
			<i>For Elevated Installation >10' To 15', Add</i>	9.42	
			<i>For Elevated Installation >15' To 20', Add</i>	18.84	
			<i>For Elevated Installation >20' To 25', Add</i>	23.55	
			<i>For Elevated Installation >25' To 30', Add</i>	32.96	
			<i>For Elevated Installation >30' To 35', Add</i>	37.67	
			<i>For Elevated Installation >35' To 40', Add</i>	47.09	
			<i>For Elevated Installation >40', Add</i>	51.80	
			<i>For Work In Restricted Working Space, Add</i>	28.25	
26 05 33	13-1176	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	574.25	51.61
			<i>For Elevated Installation >10' To 15', Add</i>	10.32	
			<i>For Elevated Installation >15' To 20', Add</i>	20.64	
			<i>For Elevated Installation >20' To 25', Add</i>	25.80	
			<i>For Elevated Installation >25' To 30', Add</i>	36.12	
			<i>For Elevated Installation >30' To 35', Add</i>	41.28	
			<i>For Elevated Installation >35' To 40', Add</i>	51.61	
			<i>For Elevated Installation >40', Add</i>	56.77	
			<i>For Work In Restricted Working Space, Add</i>	30.96	
26 05 33	13-1177	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAB, GUAC, GUAL, GUAN Junction Box With Cast Iron Cover.....	620.14	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	
26 05 33	13-1178		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0848)</small>		
26 05 33	13-1179	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover.....	214.62	30.96
			<i>For Elevated Installation >10' To 15', Add</i>	6.19	
			<i>For Elevated Installation >15' To 20', Add</i>	12.39	
			<i>For Elevated Installation >20' To 25', Add</i>	15.48	
			<i>For Elevated Installation >25' To 30', Add</i>	21.68	
			<i>For Elevated Installation >30' To 35', Add</i>	24.77	
			<i>For Elevated Installation >35' To 40', Add</i>	30.97	
			<i>For Elevated Installation >40', Add</i>	34.06	
			<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33	13-1180	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover.....	242.32	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33	13-1181	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover.....	264.34	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1182 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	371.00	47.08
<i>For Elevated Installation >10' To 15', Add</i>	9.42	
<i>For Elevated Installation >15' To 20', Add</i>	18.84	
<i>For Elevated Installation >20' To 25', Add</i>	23.55	
<i>For Elevated Installation >25' To 30', Add</i>	32.96	
<i>For Elevated Installation >30' To 35', Add</i>	37.67	
<i>For Elevated Installation >35' To 40', Add</i>	47.09	
<i>For Elevated Installation >40', Add</i>	51.80	
<i>For Work In Restricted Working Space, Add</i>	28.25	
26 05 33 13-1183 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	618.06	51.61
<i>For Elevated Installation >10' To 15', Add</i>	10.32	
<i>For Elevated Installation >15' To 20', Add</i>	20.64	
<i>For Elevated Installation >20' To 25', Add</i>	25.80	
<i>For Elevated Installation >25' To 30', Add</i>	36.12	
<i>For Elevated Installation >30' To 35', Add</i>	41.28	
<i>For Elevated Installation >35' To 40', Add</i>	51.61	
<i>For Elevated Installation >40', Add</i>	56.77	
<i>For Work In Restricted Working Space, Add</i>	30.96	
26 05 33 13-1184 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAT Junction Box With Cast Iron Cover	660.35	61.93
<i>For Elevated Installation >10' To 15', Add</i>	12.39	
<i>For Elevated Installation >15' To 20', Add</i>	24.77	
<i>For Elevated Installation >20' To 25', Add</i>	30.96	
<i>For Elevated Installation >25' To 30', Add</i>	43.35	
<i>For Elevated Installation >30' To 35', Add</i>	49.54	
<i>For Elevated Installation >35' To 40', Add</i>	61.93	
<i>For Elevated Installation >40', Add</i>	68.12	
<i>For Work In Restricted Working Space, Add</i>	37.16	
26 05 33 13-1185 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0848)</small>		
26 05 33 13-1186 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	214.76	30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33 13-1187 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	236.71	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1188 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	281.79	40.64
<i>For Elevated Installation >10' To 15', Add</i>	8.13	
<i>For Elevated Installation >15' To 20', Add</i>	16.26	
<i>For Elevated Installation >20' To 25', Add</i>	20.32	
<i>For Elevated Installation >25' To 30', Add</i>	28.45	
<i>For Elevated Installation >30' To 35', Add</i>	32.51	
<i>For Elevated Installation >35' To 40', Add</i>	40.64	
<i>For Elevated Installation >40', Add</i>	44.70	
<i>For Work In Restricted Working Space, Add</i>	24.38	
26 05 33 13-1189 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	384.99	47.08
<i>For Elevated Installation >10' To 15', Add</i>	9.42	
<i>For Elevated Installation >15' To 20', Add</i>	18.84	
<i>For Elevated Installation >20' To 25', Add</i>	23.55	
<i>For Elevated Installation >25' To 30', Add</i>	32.96	
<i>For Elevated Installation >30' To 35', Add</i>	37.67	
<i>For Elevated Installation >35' To 40', Add</i>	47.09	
<i>For Elevated Installation >40', Add</i>	51.80	
<i>For Work In Restricted Working Space, Add</i>	28.25	
26 05 33 13-1190 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	638.94	51.61
<i>For Elevated Installation >10' To 15', Add</i>	10.32	
<i>For Elevated Installation >15' To 20', Add</i>	20.64	
<i>For Elevated Installation >20' To 25', Add</i>	25.80	
<i>For Elevated Installation >25' To 30', Add</i>	36.12	
<i>For Elevated Installation >30' To 35', Add</i>	41.28	
<i>For Elevated Installation >35' To 40', Add</i>	51.61	
<i>For Elevated Installation >40', Add</i>	56.77	
<i>For Work In Restricted Working Space, Add</i>	30.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1191	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAW, GUAX Junction Box With Cast Iron Cover	686.09	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	
26 05 33 13-1192			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Boxes With Cast Iron Cover <small>(26 05 33 13-0848)</small>		
26 05 33 13-1193	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	267.34	30.96
			<i>For Elevated Installation >10' To 15', Add</i>	6.19	
			<i>For Elevated Installation >15' To 20', Add</i>	12.39	
			<i>For Elevated Installation >20' To 25', Add</i>	15.48	
			<i>For Elevated Installation >25' To 30', Add</i>	21.68	
			<i>For Elevated Installation >30' To 35', Add</i>	24.77	
			<i>For Elevated Installation >35' To 40', Add</i>	30.97	
			<i>For Elevated Installation >40', Add</i>	34.06	
			<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33 13-1194	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	295.16	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1195	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	319.80	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	
26 05 33 13-1196	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) GUAD Junction Box With Cast Iron Cover	809.93	47.08
			<i>For Elevated Installation >10' To 15', Add</i>	9.42	
			<i>For Elevated Installation >15' To 20', Add</i>	18.84	
			<i>For Elevated Installation >20' To 25', Add</i>	23.55	
			<i>For Elevated Installation >25' To 30', Add</i>	32.96	
			<i>For Elevated Installation >30' To 35', Add</i>	37.67	
			<i>For Elevated Installation >35' To 40', Add</i>	47.09	
			<i>For Elevated Installation >40', Add</i>	51.80	
			<i>For Work In Restricted Working Space, Add</i>	28.25	
26 05 33 13-1197			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Boxes <small>(26 05 33 13-0848)</small>		
			Note: Excludes cover.		
26 05 33 13-1198	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	127.15	30.96
			<i>For Elevated Installation >10' To 15', Add</i>	6.19	
			<i>For Elevated Installation >15' To 20', Add</i>	12.39	
			<i>For Elevated Installation >20' To 25', Add</i>	15.48	
			<i>For Elevated Installation >25' To 30', Add</i>	21.68	
			<i>For Elevated Installation >30' To 35', Add</i>	24.77	
			<i>For Elevated Installation >35' To 40', Add</i>	30.97	
			<i>For Elevated Installation >40', Add</i>	34.06	
			<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33 13-1199	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	139.70	35.48
			<i>For Elevated Installation >10' To 15', Add</i>	7.10	
			<i>For Elevated Installation >15' To 20', Add</i>	14.19	
			<i>For Elevated Installation >20' To 25', Add</i>	17.74	
			<i>For Elevated Installation >25' To 30', Add</i>	24.83	
			<i>For Elevated Installation >30' To 35', Add</i>	28.38	
			<i>For Elevated Installation >35' To 40', Add</i>	35.48	
			<i>For Elevated Installation >40', Add</i>	39.02	
			<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1200	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box	155.92	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1201 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	141.40	30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33 13-1202 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	152.16	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1203 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FS Series Junction Box.....	173.25	40.64
<i>For Elevated Installation >10' To 15', Add</i>	8.13	
<i>For Elevated Installation >15' To 20', Add</i>	16.26	
<i>For Elevated Installation >20' To 25', Add</i>	20.32	
<i>For Elevated Installation >25' To 30', Add</i>	28.45	
<i>For Elevated Installation >30' To 35', Add</i>	32.51	
<i>For Elevated Installation >35' To 40', Add</i>	40.64	
<i>For Elevated Installation >40', Add</i>	44.70	
<i>For Work In Restricted Working Space, Add</i>	24.38	
26 05 33 13-1204 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Boxes <small>(26 05 33 13-0848)</small>		
<i>Note: Excludes cover.</i>		
26 05 33 13-1205 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	133.89	30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33 13-1206 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	147.28	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1207 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	161.16	40.64
<i>For Elevated Installation >10' To 15', Add</i>	8.13	
<i>For Elevated Installation >15' To 20', Add</i>	16.26	
<i>For Elevated Installation >20' To 25', Add</i>	20.32	
<i>For Elevated Installation >25' To 30', Add</i>	28.45	
<i>For Elevated Installation >30' To 35', Add</i>	32.51	
<i>For Elevated Installation >35' To 40', Add</i>	40.64	
<i>For Elevated Installation >40', Add</i>	44.70	
<i>For Work In Restricted Working Space, Add</i>	24.38	
26 05 33 13-1208 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	151.05	30.96
<i>For Elevated Installation >10' To 15', Add</i>	6.19	
<i>For Elevated Installation >15' To 20', Add</i>	12.39	
<i>For Elevated Installation >20' To 25', Add</i>	15.48	
<i>For Elevated Installation >25' To 30', Add</i>	21.68	
<i>For Elevated Installation >30' To 35', Add</i>	24.77	
<i>For Elevated Installation >35' To 40', Add</i>	30.97	
<i>For Elevated Installation >40', Add</i>	34.06	
<i>For Work In Restricted Working Space, Add</i>	18.58	
26 05 33 13-1209 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	164.61	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1210 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) FD Series Junction Box.....	186.05	40.64
<i>For Elevated Installation >10' To 15', Add</i>	8.13	
<i>For Elevated Installation >15' To 20', Add</i>	16.26	
<i>For Elevated Installation >20' To 25', Add</i>	20.32	
<i>For Elevated Installation >25' To 30', Add</i>	28.45	
<i>For Elevated Installation >30' To 35', Add</i>	32.51	
<i>For Elevated Installation >35' To 40', Add</i>	40.64	
<i>For Elevated Installation >40', Add</i>	44.70	
<i>For Work In Restricted Working Space, Add</i>	24.38	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1211		Polyvinyl Chloride (PVC) Coated, Urethane Lined, FS And FD Series Covers <small>(26 05 33 13-0848)</small>		
26 05 33 13-1212	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS23, FS And FD Series Cover	48.09	3.87
		<i>For Elevated Installation >10' To 15', Add</i>	0.77	
		<i>For Elevated Installation >15' To 20', Add</i>	1.55	
		<i>For Elevated Installation >20' To 25', Add</i>	1.94	
		<i>For Elevated Installation >25' To 30', Add</i>	2.71	
		<i>For Elevated Installation >30' To 35', Add</i>	3.10	
		<i>For Elevated Installation >35' To 40', Add</i>	3.87	
		<i>For Elevated Installation >40', Add</i>	4.26	
		<i>For Work In Restricted Working Space, Add</i>	2.32	
26 05 33 13-1213	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS21G, FS And FD Series Cover.....	65.48	4.51
		<i>For Elevated Installation >10' To 15', Add</i>	0.90	
		<i>For Elevated Installation >15' To 20', Add</i>	1.81	
		<i>For Elevated Installation >20' To 25', Add</i>	2.26	
		<i>For Elevated Installation >25' To 30', Add</i>	3.16	
		<i>For Elevated Installation >30' To 35', Add</i>	3.61	
		<i>For Elevated Installation >35' To 40', Add</i>	4.52	
		<i>For Elevated Installation >40', Add</i>	4.97	
		<i>For Work In Restricted Working Space, Add</i>	2.71	
26 05 33 13-1214	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS32G, FS And FD Series Cover.....	61.78	4.51
		<i>For Elevated Installation >10' To 15', Add</i>	0.90	
		<i>For Elevated Installation >15' To 20', Add</i>	1.81	
		<i>For Elevated Installation >20' To 25', Add</i>	2.26	
		<i>For Elevated Installation >25' To 30', Add</i>	3.16	
		<i>For Elevated Installation >30' To 35', Add</i>	3.61	
		<i>For Elevated Installation >35' To 40', Add</i>	4.52	
		<i>For Elevated Installation >40', Add</i>	4.97	
		<i>For Work In Restricted Working Space, Add</i>	2.71	
26 05 33 13-1215	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, DS100G, FS And FD Series Cover.....	54.87	4.51
		<i>For Elevated Installation >10' To 15', Add</i>	0.90	
		<i>For Elevated Installation >15' To 20', Add</i>	1.81	
		<i>For Elevated Installation >20' To 25', Add</i>	2.26	
		<i>For Elevated Installation >25' To 30', Add</i>	3.16	
		<i>For Elevated Installation >30' To 35', Add</i>	3.61	
		<i>For Elevated Installation >35' To 40', Add</i>	4.52	
		<i>For Elevated Installation >40', Add</i>	4.97	
		<i>For Work In Restricted Working Space, Add</i>	2.71	
26 05 33 13-1216	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRD1, FS And FD Series Cover.....	269.03	6.45
		<i>For Elevated Installation >10' To 15', Add</i>	1.29	
		<i>For Elevated Installation >15' To 20', Add</i>	2.58	
		<i>For Elevated Installation >20' To 25', Add</i>	3.23	
		<i>For Elevated Installation >25' To 30', Add</i>	4.52	
		<i>For Elevated Installation >30' To 35', Add</i>	5.16	
		<i>For Elevated Installation >35' To 40', Add</i>	6.45	
		<i>For Elevated Installation >40', Add</i>	7.10	
		<i>For Work In Restricted Working Space, Add</i>	3.87	
26 05 33 13-1217	EA	Polyvinyl Chloride (PVC) Coated, Urethane Lined, WLRS1, FS And FD Series Cover	239.07	6.45
		<i>For Elevated Installation >10' To 15', Add</i>	1.29	
		<i>For Elevated Installation >15' To 20', Add</i>	2.58	
		<i>For Elevated Installation >20' To 25', Add</i>	3.23	
		<i>For Elevated Installation >25' To 30', Add</i>	4.52	
		<i>For Elevated Installation >30' To 35', Add</i>	5.16	
		<i>For Elevated Installation >35' To 40', Add</i>	6.45	
		<i>For Elevated Installation >40', Add</i>	7.10	
		<i>For Work In Restricted Working Space, Add</i>	3.87	
26 05 33 13-1218		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Mogul Conduit Bodies <small>(26 05 33 13-0848)</small>		
		Note: Includes covers.		
26 05 33 13-1219	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	277.92	40.64
		<i>For Elevated Installation >10' To 15', Add</i>	8.13	
		<i>For Elevated Installation >15' To 20', Add</i>	16.26	
		<i>For Elevated Installation >20' To 25', Add</i>	20.32	
		<i>For Elevated Installation >25' To 30', Add</i>	28.45	
		<i>For Elevated Installation >30' To 35', Add</i>	32.51	
		<i>For Elevated Installation >35' To 40', Add</i>	40.64	
		<i>For Elevated Installation >40', Add</i>	44.70	
		<i>For Work In Restricted Working Space, Add</i>	24.38	
26 05 33 13-1220	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	312.04	47.08
		<i>For Elevated Installation >10' To 15', Add</i>	9.42	
		<i>For Elevated Installation >15' To 20', Add</i>	18.84	
		<i>For Elevated Installation >20' To 25', Add</i>	23.55	
		<i>For Elevated Installation >25' To 30', Add</i>	32.96	
		<i>For Elevated Installation >30' To 35', Add</i>	37.67	
		<i>For Elevated Installation >35' To 40', Add</i>	47.09	
		<i>For Elevated Installation >40', Add</i>	51.80	
		<i>For Work In Restricted Working Space, Add</i>	28.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1221 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	432.10	51.61
For Elevated Installation >10' To 15', Add	10.32	
For Elevated Installation >15' To 20', Add	20.64	
For Elevated Installation >20' To 25', Add	25.80	
For Elevated Installation >25' To 30', Add	36.12	
For Elevated Installation >30' To 35', Add	41.28	
For Elevated Installation >35' To 40', Add	51.61	
For Elevated Installation >40', Add	56.77	
For Work In Restricted Working Space, Add	30.96	
26 05 33 13-1222 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	514.84	61.93
For Elevated Installation >10' To 15', Add	12.39	
For Elevated Installation >15' To 20', Add	24.77	
For Elevated Installation >20' To 25', Add	30.96	
For Elevated Installation >25' To 30', Add	43.35	
For Elevated Installation >30' To 35', Add	49.54	
For Elevated Installation >35' To 40', Add	61.93	
For Elevated Installation >40', Add	68.12	
For Work In Restricted Working Space, Add	37.16	
26 05 33 13-1223 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	743.98	87.08
For Elevated Installation >10' To 15', Add	17.42	
For Elevated Installation >15' To 20', Add	34.83	
For Elevated Installation >20' To 25', Add	43.54	
For Elevated Installation >25' To 30', Add	60.96	
For Elevated Installation >30' To 35', Add	69.66	
For Elevated Installation >35' To 40', Add	87.08	
For Elevated Installation >40', Add	95.79	
For Work In Restricted Working Space, Add	52.25	
26 05 33 13-1224 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	938.18	116.11
For Elevated Installation >10' To 15', Add	23.22	
For Elevated Installation >15' To 20', Add	46.44	
For Elevated Installation >20' To 25', Add	58.06	
For Elevated Installation >25' To 30', Add	81.28	
For Elevated Installation >30' To 35', Add	92.89	
For Elevated Installation >35' To 40', Add	116.11	
For Elevated Installation >40', Add	127.72	
For Work In Restricted Working Space, Add	69.67	
26 05 33 13-1225 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	1,377.53	145.13
For Elevated Installation >10' To 15', Add	29.03	
For Elevated Installation >15' To 20', Add	58.05	
For Elevated Installation >20' To 25', Add	72.57	
For Elevated Installation >25' To 30', Add	101.59	
For Elevated Installation >30' To 35', Add	116.11	
For Elevated Installation >35' To 40', Add	145.14	
For Elevated Installation >40', Add	159.65	
For Work In Restricted Working Space, Add	87.08	
26 05 33 13-1226 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BC Mogul Conduit Body.....	1,709.57	176.74
For Elevated Installation >10' To 15', Add	35.35	
For Elevated Installation >15' To 20', Add	70.70	
For Elevated Installation >20' To 25', Add	88.37	
For Elevated Installation >25' To 30', Add	123.72	
For Elevated Installation >30' To 35', Add	141.40	
For Elevated Installation >35' To 40', Add	176.75	
For Elevated Installation >40', Add	194.42	
For Work In Restricted Working Space, Add	106.05	
26 05 33 13-1227 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	277.92	40.64
For Elevated Installation >10' To 15', Add	8.13	
For Elevated Installation >15' To 20', Add	16.26	
For Elevated Installation >20' To 25', Add	20.32	
For Elevated Installation >25' To 30', Add	28.45	
For Elevated Installation >30' To 35', Add	32.51	
For Elevated Installation >35' To 40', Add	40.64	
For Elevated Installation >40', Add	44.70	
For Work In Restricted Working Space, Add	24.38	
26 05 33 13-1228 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	312.04	47.08
For Elevated Installation >10' To 15', Add	9.42	
For Elevated Installation >15' To 20', Add	18.84	
For Elevated Installation >20' To 25', Add	23.55	
For Elevated Installation >25' To 30', Add	32.96	
For Elevated Installation >30' To 35', Add	37.67	
For Elevated Installation >35' To 40', Add	47.09	
For Elevated Installation >40', Add	51.80	
For Work In Restricted Working Space, Add	28.25	
26 05 33 13-1229 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body.....	430.89	51.61
For Elevated Installation >10' To 15', Add	10.32	
For Elevated Installation >15' To 20', Add	20.64	
For Elevated Installation >20' To 25', Add	25.80	
For Elevated Installation >25' To 30', Add	36.12	
For Elevated Installation >30' To 35', Add	41.28	
For Elevated Installation >35' To 40', Add	51.61	
For Elevated Installation >40', Add	56.77	
For Work In Restricted Working Space, Add	30.96	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1230	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 502.64	502.64	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	
26 05 33	13-1231	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 755.22	755.22	87.08
			<i>For Elevated Installation >10' To 15', Add</i>	17.42	
			<i>For Elevated Installation >15' To 20', Add</i>	34.83	
			<i>For Elevated Installation >20' To 25', Add</i>	43.54	
			<i>For Elevated Installation >25' To 30', Add</i>	60.96	
			<i>For Elevated Installation >30' To 35', Add</i>	69.66	
			<i>For Elevated Installation >35' To 40', Add</i>	87.08	
			<i>For Elevated Installation >40', Add</i>	95.79	
			<i>For Work In Restricted Working Space, Add</i>	52.25	
26 05 33	13-1232	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 988.59	988.59	116.11
			<i>For Elevated Installation >10' To 15', Add</i>	23.22	
			<i>For Elevated Installation >15' To 20', Add</i>	46.44	
			<i>For Elevated Installation >20' To 25', Add</i>	58.06	
			<i>For Elevated Installation >25' To 30', Add</i>	81.28	
			<i>For Elevated Installation >30' To 35', Add</i>	92.89	
			<i>For Elevated Installation >35' To 40', Add</i>	116.11	
			<i>For Elevated Installation >40', Add</i>	127.72	
			<i>For Work In Restricted Working Space, Add</i>	69.67	
26 05 33	13-1233	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 1,438.38	1,438.38	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33	13-1234	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BLB Mogul Conduit Body 1,747.46	1,747.46	176.74
			<i>For Elevated Installation >10' To 15', Add</i>	35.35	
			<i>For Elevated Installation >15' To 20', Add</i>	70.70	
			<i>For Elevated Installation >20' To 25', Add</i>	88.37	
			<i>For Elevated Installation >25' To 30', Add</i>	123.72	
			<i>For Elevated Installation >30' To 35', Add</i>	141.40	
			<i>For Elevated Installation >35' To 40', Add</i>	176.75	
			<i>For Elevated Installation >40', Add</i>	194.42	
			<i>For Work In Restricted Working Space, Add</i>	106.05	
26 05 33	13-1235	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 277.92	277.92	40.64
			<i>For Elevated Installation >10' To 15', Add</i>	8.13	
			<i>For Elevated Installation >15' To 20', Add</i>	16.26	
			<i>For Elevated Installation >20' To 25', Add</i>	20.32	
			<i>For Elevated Installation >25' To 30', Add</i>	28.45	
			<i>For Elevated Installation >30' To 35', Add</i>	32.51	
			<i>For Elevated Installation >35' To 40', Add</i>	40.64	
			<i>For Elevated Installation >40', Add</i>	44.70	
			<i>For Work In Restricted Working Space, Add</i>	24.38	
26 05 33	13-1236	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 312.04	312.04	47.08
			<i>For Elevated Installation >10' To 15', Add</i>	9.42	
			<i>For Elevated Installation >15' To 20', Add</i>	18.84	
			<i>For Elevated Installation >20' To 25', Add</i>	23.55	
			<i>For Elevated Installation >25' To 30', Add</i>	32.96	
			<i>For Elevated Installation >30' To 35', Add</i>	37.67	
			<i>For Elevated Installation >35' To 40', Add</i>	47.09	
			<i>For Elevated Installation >40', Add</i>	51.80	
			<i>For Work In Restricted Working Space, Add</i>	28.25	
26 05 33	13-1237	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 430.89	430.89	51.61
			<i>For Elevated Installation >10' To 15', Add</i>	10.32	
			<i>For Elevated Installation >15' To 20', Add</i>	20.64	
			<i>For Elevated Installation >20' To 25', Add</i>	25.80	
			<i>For Elevated Installation >25' To 30', Add</i>	36.12	
			<i>For Elevated Installation >30' To 35', Add</i>	41.28	
			<i>For Elevated Installation >35' To 40', Add</i>	51.61	
			<i>For Elevated Installation >40', Add</i>	56.77	
			<i>For Work In Restricted Working Space, Add</i>	30.96	
26 05 33	13-1238	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body 502.64	502.64	61.93
			<i>For Elevated Installation >10' To 15', Add</i>	12.39	
			<i>For Elevated Installation >15' To 20', Add</i>	24.77	
			<i>For Elevated Installation >20' To 25', Add</i>	30.96	
			<i>For Elevated Installation >25' To 30', Add</i>	43.35	
			<i>For Elevated Installation >30' To 35', Add</i>	49.54	
			<i>For Elevated Installation >35' To 40', Add</i>	61.93	
			<i>For Elevated Installation >40', Add</i>	68.12	
			<i>For Work In Restricted Working Space, Add</i>	37.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1239 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	755.22	87.08
For Elevated Installation >10' To 15', Add	17.42	
For Elevated Installation >15' To 20', Add	34.83	
For Elevated Installation >20' To 25', Add	43.54	
For Elevated Installation >25' To 30', Add	60.96	
For Elevated Installation >30' To 35', Add	69.66	
For Elevated Installation >35' To 40', Add	87.08	
For Elevated Installation >40', Add	95.79	
For Work In Restricted Working Space, Add	52.25	
26 05 33 13-1240 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	988.59	116.11
For Elevated Installation >10' To 15', Add	23.22	
For Elevated Installation >15' To 20', Add	46.44	
For Elevated Installation >20' To 25', Add	58.06	
For Elevated Installation >25' To 30', Add	81.28	
For Elevated Installation >30' To 35', Add	92.89	
For Elevated Installation >35' To 40', Add	116.11	
For Elevated Installation >40', Add	127.72	
For Work In Restricted Working Space, Add	69.67	
26 05 33 13-1241 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,438.38	145.13
For Elevated Installation >10' To 15', Add	29.03	
For Elevated Installation >15' To 20', Add	58.05	
For Elevated Installation >20' To 25', Add	72.57	
For Elevated Installation >25' To 30', Add	101.59	
For Elevated Installation >30' To 35', Add	116.11	
For Elevated Installation >35' To 40', Add	145.14	
For Elevated Installation >40', Add	159.65	
For Work In Restricted Working Space, Add	87.08	
26 05 33 13-1242 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BT Mogul Conduit Body	1,747.46	176.74
For Elevated Installation >10' To 15', Add	35.35	
For Elevated Installation >15' To 20', Add	70.70	
For Elevated Installation >20' To 25', Add	88.37	
For Elevated Installation >25' To 30', Add	123.72	
For Elevated Installation >30' To 35', Add	141.40	
For Elevated Installation >35' To 40', Add	176.75	
For Elevated Installation >40', Add	194.42	
For Work In Restricted Working Space, Add	106.05	
26 05 33 13-1243 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	277.92	40.64
For Elevated Installation >10' To 15', Add	8.13	
For Elevated Installation >15' To 20', Add	16.26	
For Elevated Installation >20' To 25', Add	20.32	
For Elevated Installation >25' To 30', Add	28.45	
For Elevated Installation >30' To 35', Add	32.51	
For Elevated Installation >35' To 40', Add	40.64	
For Elevated Installation >40', Add	44.70	
For Work In Restricted Working Space, Add	24.38	
26 05 33 13-1244 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	312.04	47.08
For Elevated Installation >10' To 15', Add	9.42	
For Elevated Installation >15' To 20', Add	18.84	
For Elevated Installation >20' To 25', Add	23.55	
For Elevated Installation >25' To 30', Add	32.96	
For Elevated Installation >30' To 35', Add	37.67	
For Elevated Installation >35' To 40', Add	47.09	
For Elevated Installation >40', Add	51.80	
For Work In Restricted Working Space, Add	28.25	
26 05 33 13-1245 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	432.10	51.61
For Elevated Installation >10' To 15', Add	10.32	
For Elevated Installation >15' To 20', Add	20.64	
For Elevated Installation >20' To 25', Add	25.80	
For Elevated Installation >25' To 30', Add	36.12	
For Elevated Installation >30' To 35', Add	41.28	
For Elevated Installation >35' To 40', Add	51.61	
For Elevated Installation >40', Add	56.77	
For Work In Restricted Working Space, Add	30.96	
26 05 33 13-1246 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	509.21	61.93
For Elevated Installation >10' To 15', Add	12.39	
For Elevated Installation >15' To 20', Add	24.77	
For Elevated Installation >20' To 25', Add	30.96	
For Elevated Installation >25' To 30', Add	43.35	
For Elevated Installation >30' To 35', Add	49.54	
For Elevated Installation >35' To 40', Add	61.93	
For Elevated Installation >40', Add	68.12	
For Work In Restricted Working Space, Add	37.16	
26 05 33 13-1247 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body	743.98	87.08
For Elevated Installation >10' To 15', Add	17.42	
For Elevated Installation >15' To 20', Add	34.83	
For Elevated Installation >20' To 25', Add	43.54	
For Elevated Installation >25' To 30', Add	60.96	
For Elevated Installation >30' To 35', Add	69.66	
For Elevated Installation >35' To 40', Add	87.08	
For Elevated Installation >40', Add	95.79	
For Work In Restricted Working Space, Add	52.25	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1248	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	938.18	116.11
			<i>For Elevated Installation >10' To 15', Add</i>	23.22	
			<i>For Elevated Installation >15' To 20', Add</i>	46.44	
			<i>For Elevated Installation >20' To 25', Add</i>	58.06	
			<i>For Elevated Installation >25' To 30', Add</i>	81.28	
			<i>For Elevated Installation >30' To 35', Add</i>	92.89	
			<i>For Elevated Installation >35' To 40', Add</i>	116.11	
			<i>For Elevated Installation >40', Add</i>	127.72	
			<i>For Work In Restricted Working Space, Add</i>	69.67	
26 05 33 13-1249	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	1,377.53	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33 13-1250	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) BUB Mogul Conduit Body.....	1,725.35	176.74
			<i>For Elevated Installation >10' To 15', Add</i>	35.35	
			<i>For Elevated Installation >15' To 20', Add</i>	70.70	
			<i>For Elevated Installation >20' To 25', Add</i>	88.37	
			<i>For Elevated Installation >25' To 30', Add</i>	123.72	
			<i>For Elevated Installation >30' To 35', Add</i>	141.40	
			<i>For Elevated Installation >35' To 40', Add</i>	176.75	
			<i>For Elevated Installation >40', Add</i>	194.42	
			<i>For Work In Restricted Working Space, Add</i>	106.05	
26 05 33 13-1251 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Covers <small>(26 05 33 13-0848)</small>					
26 05 33 13-1252	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	139.73	5.81
			<i>For Elevated Installation >10' To 15', Add</i>	1.16	
			<i>For Elevated Installation >15' To 20', Add</i>	2.32	
			<i>For Elevated Installation >20' To 25', Add</i>	2.90	
			<i>For Elevated Installation >25' To 30', Add</i>	4.06	
			<i>For Elevated Installation >30' To 35', Add</i>	4.64	
			<i>For Elevated Installation >35' To 40', Add</i>	5.81	
			<i>For Elevated Installation >40', Add</i>	6.39	
			<i>For Work In Restricted Working Space, Add</i>	3.48	
26 05 33 13-1253	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	141.02	6.45
			<i>For Elevated Installation >10' To 15', Add</i>	1.29	
			<i>For Elevated Installation >15' To 20', Add</i>	2.58	
			<i>For Elevated Installation >20' To 25', Add</i>	3.23	
			<i>For Elevated Installation >25' To 30', Add</i>	4.52	
			<i>For Elevated Installation >30' To 35', Add</i>	5.16	
			<i>For Elevated Installation >35' To 40', Add</i>	6.45	
			<i>For Elevated Installation >40', Add</i>	7.10	
			<i>For Work In Restricted Working Space, Add</i>	3.87	
26 05 33 13-1254	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	199.36	9.03
			<i>For Elevated Installation >10' To 15', Add</i>	1.81	
			<i>For Elevated Installation >15' To 20', Add</i>	3.61	
			<i>For Elevated Installation >20' To 25', Add</i>	4.52	
			<i>For Elevated Installation >25' To 30', Add</i>	6.32	
			<i>For Elevated Installation >30' To 35', Add</i>	7.22	
			<i>For Elevated Installation >35' To 40', Add</i>	9.03	
			<i>For Elevated Installation >40', Add</i>	9.93	
			<i>For Work In Restricted Working Space, Add</i>	5.42	
26 05 33 13-1255	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	201.94	10.32
			<i>For Elevated Installation >10' To 15', Add</i>	2.06	
			<i>For Elevated Installation >15' To 20', Add</i>	4.13	
			<i>For Elevated Installation >20' To 25', Add</i>	5.16	
			<i>For Elevated Installation >25' To 30', Add</i>	7.22	
			<i>For Elevated Installation >30' To 35', Add</i>	8.26	
			<i>For Elevated Installation >35' To 40', Add</i>	10.32	
			<i>For Elevated Installation >40', Add</i>	11.35	
			<i>For Work In Restricted Working Space, Add</i>	6.19	
26 05 33 13-1256	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	353.50	12.25
			<i>For Elevated Installation >10' To 15', Add</i>	2.45	
			<i>For Elevated Installation >15' To 20', Add</i>	4.90	
			<i>For Elevated Installation >20' To 25', Add</i>	6.13	
			<i>For Elevated Installation >25' To 30', Add</i>	8.58	
			<i>For Elevated Installation >30' To 35', Add</i>	9.80	
			<i>For Elevated Installation >35' To 40', Add</i>	12.26	
			<i>For Elevated Installation >40', Add</i>	13.48	
			<i>For Work In Restricted Working Space, Add</i>	7.35	
26 05 33 13-1257	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	359.95	15.48
			<i>For Elevated Installation >10' To 15', Add</i>	3.10	
			<i>For Elevated Installation >15' To 20', Add</i>	6.19	
			<i>For Elevated Installation >20' To 25', Add</i>	7.74	
			<i>For Elevated Installation >25' To 30', Add</i>	10.84	
			<i>For Elevated Installation >30' To 35', Add</i>	12.38	
			<i>For Elevated Installation >35' To 40', Add</i>	15.48	
			<i>For Elevated Installation >40', Add</i>	17.03	
			<i>For Work In Restricted Working Space, Add</i>	9.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1258 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	542.77	17.42
For Elevated Installation >10' To 15', Add	3.48	
For Elevated Installation >15' To 20', Add	6.97	
For Elevated Installation >20' To 25', Add	8.71	
For Elevated Installation >25' To 30', Add	12.19	
For Elevated Installation >30' To 35', Add	13.93	
For Elevated Installation >35' To 40', Add	17.42	
For Elevated Installation >40', Add	19.16	
For Work In Restricted Working Space, Add	10.45	
26 05 33 13-1259 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Replacement Rigid Galvanized Steel (RGS) Mogul Cover.....	553.10	22.57
For Elevated Installation >10' To 15', Add	4.52	
For Elevated Installation >15' To 20', Add	9.03	
For Elevated Installation >20' To 25', Add	11.29	
For Elevated Installation >25' To 30', Add	15.81	
For Elevated Installation >30' To 35', Add	18.06	
For Elevated Installation >35' To 40', Add	22.58	
For Elevated Installation >40', Add	24.84	
For Work In Restricted Working Space, Add	13.55	
26 05 33 13-1260 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings (26 05 33 13-0848)		
26 05 33 13-1261 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	239.96	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
26 05 33 13-1262 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	283.41	20.00
For Elevated Installation >10' To 15', Add	4.00	
For Elevated Installation >15' To 20', Add	8.00	
For Elevated Installation >20' To 25', Add	10.00	
For Elevated Installation >25' To 30', Add	14.00	
For Elevated Installation >30' To 35', Add	16.00	
For Elevated Installation >35' To 40', Add	20.00	
For Elevated Installation >40', Add	21.99	
For Work In Restricted Working Space, Add	12.00	
26 05 33 13-1263 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	335.38	24.51
For Elevated Installation >10' To 15', Add	4.90	
For Elevated Installation >15' To 20', Add	9.80	
For Elevated Installation >20' To 25', Add	12.26	
For Elevated Installation >25' To 30', Add	17.16	
For Elevated Installation >30' To 35', Add	19.61	
For Elevated Installation >35' To 40', Add	24.51	
For Elevated Installation >40', Add	26.96	
For Work In Restricted Working Space, Add	14.71	
26 05 33 13-1264 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	413.37	28.38
For Elevated Installation >10' To 15', Add	5.68	
For Elevated Installation >15' To 20', Add	11.35	
For Elevated Installation >20' To 25', Add	14.19	
For Elevated Installation >25' To 30', Add	19.87	
For Elevated Installation >30' To 35', Add	22.70	
For Elevated Installation >35' To 40', Add	28.38	
For Elevated Installation >40', Add	31.22	
For Work In Restricted Working Space, Add	17.03	
26 05 33 13-1265 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	553.21	32.25
For Elevated Installation >10' To 15', Add	6.45	
For Elevated Installation >15' To 20', Add	12.90	
For Elevated Installation >20' To 25', Add	16.13	
For Elevated Installation >25' To 30', Add	22.58	
For Elevated Installation >30' To 35', Add	25.80	
For Elevated Installation >35' To 40', Add	32.25	
For Elevated Installation >40', Add	35.48	
For Work In Restricted Working Space, Add	19.35	
26 05 33 13-1266 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	766.93	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.83	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.02	
For Work In Restricted Working Space, Add	21.29	
26 05 33 13-1267 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,095.98	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1268	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,362.21	60.63
			<i>For Elevated Installation >10' To 15', Add</i>	12.13	
			<i>For Elevated Installation >15' To 20', Add</i>	24.25	
			<i>For Elevated Installation >20' To 25', Add</i>	30.32	
			<i>For Elevated Installation >25' To 30', Add</i>	42.44	
			<i>For Elevated Installation >30' To 35', Add</i>	48.51	
			<i>For Elevated Installation >35' To 40', Add</i>	60.64	
			<i>For Elevated Installation >40', Add</i>	66.70	
			<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33 13-1269	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	1,913.06	68.37
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
			<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33 13-1270	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting.....	2,203.75	89.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
			<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-1271 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fittings With Bonding Jumper <small>(26 05 33 13-0848)</small>					
26 05 33 13-1272	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	382.26	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
26 05 33 13-1273	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	396.60	20.00
			<i>For Elevated Installation >10' To 15', Add</i>	4.00	
			<i>For Elevated Installation >15' To 20', Add</i>	8.00	
			<i>For Elevated Installation >20' To 25', Add</i>	10.00	
			<i>For Elevated Installation >25' To 30', Add</i>	14.00	
			<i>For Elevated Installation >30' To 35', Add</i>	16.00	
			<i>For Elevated Installation >35' To 40', Add</i>	20.00	
			<i>For Elevated Installation >40', Add</i>	21.99	
			<i>For Work In Restricted Working Space, Add</i>	12.00	
26 05 33 13-1274	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	445.21	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-1275	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	538.87	28.38
			<i>For Elevated Installation >10' To 15', Add</i>	5.68	
			<i>For Elevated Installation >15' To 20', Add</i>	11.35	
			<i>For Elevated Installation >20' To 25', Add</i>	14.19	
			<i>For Elevated Installation >25' To 30', Add</i>	19.87	
			<i>For Elevated Installation >30' To 35', Add</i>	22.70	
			<i>For Elevated Installation >35' To 40', Add</i>	28.38	
			<i>For Elevated Installation >40', Add</i>	31.22	
			<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-1276	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	653.41	32.25
			<i>For Elevated Installation >10' To 15', Add</i>	6.45	
			<i>For Elevated Installation >15' To 20', Add</i>	12.90	
			<i>For Elevated Installation >20' To 25', Add</i>	16.13	
			<i>For Elevated Installation >25' To 30', Add</i>	22.58	
			<i>For Elevated Installation >30' To 35', Add</i>	25.80	
			<i>For Elevated Installation >35' To 40', Add</i>	32.25	
			<i>For Elevated Installation >40', Add</i>	35.48	
			<i>For Work In Restricted Working Space, Add</i>	19.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1277 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	835.92	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1278 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,234.94	44.51
<i>For Elevated Installation >10' To 15', Add</i>	8.90	
<i>For Elevated Installation >15' To 20', Add</i>	17.80	
<i>For Elevated Installation >20' To 25', Add</i>	22.25	
<i>For Elevated Installation >25' To 30', Add</i>	31.15	
<i>For Elevated Installation >30' To 35', Add</i>	35.60	
<i>For Elevated Installation >35' To 40', Add</i>	44.51	
<i>For Elevated Installation >40', Add</i>	48.96	
<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-1279 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,547.91	60.63
<i>For Elevated Installation >10' To 15', Add</i>	12.13	
<i>For Elevated Installation >15' To 20', Add</i>	24.25	
<i>For Elevated Installation >20' To 25', Add</i>	30.32	
<i>For Elevated Installation >25' To 30', Add</i>	42.44	
<i>For Elevated Installation >30' To 35', Add</i>	48.51	
<i>For Elevated Installation >35' To 40', Add</i>	60.64	
<i>For Elevated Installation >40', Add</i>	66.70	
<i>For Work In Restricted Working Space, Add</i>	36.38	
26 05 33 13-1280 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	1,973.01	68.37
<i>For Elevated Installation >10' To 15', Add</i>	13.68	
<i>For Elevated Installation >15' To 20', Add</i>	27.35	
<i>For Elevated Installation >20' To 25', Add</i>	34.19	
<i>For Elevated Installation >25' To 30', Add</i>	47.86	
<i>For Elevated Installation >30' To 35', Add</i>	54.70	
<i>For Elevated Installation >35' To 40', Add</i>	68.38	
<i>For Elevated Installation >40', Add</i>	75.21	
<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33 13-1281 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Expansion Fitting With Bonding Jumper	2,469.26	89.01
<i>For Elevated Installation >10' To 15', Add</i>	17.80	
<i>For Elevated Installation >15' To 20', Add</i>	35.61	
<i>For Elevated Installation >20' To 25', Add</i>	44.51	
<i>For Elevated Installation >25' To 30', Add</i>	62.31	
<i>For Elevated Installation >30' To 35', Add</i>	71.21	
<i>For Elevated Installation >35' To 40', Add</i>	89.02	
<i>For Elevated Installation >40', Add</i>	97.92	
<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-1282 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STG Knockout Hubs (26 05 33 13-0848)		
26 05 33 13-1283 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	79.03	7.74
<i>For Elevated Installation >10' To 15', Add</i>	1.55	
<i>For Elevated Installation >15' To 20', Add</i>	3.10	
<i>For Elevated Installation >20' To 25', Add</i>	3.87	
<i>For Elevated Installation >25' To 30', Add</i>	5.42	
<i>For Elevated Installation >30' To 35', Add</i>	6.19	
<i>For Elevated Installation >35' To 40', Add</i>	7.74	
<i>For Elevated Installation >40', Add</i>	8.51	
<i>For Work In Restricted Working Space, Add</i>	4.64	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.64	
26 05 33 13-1284 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	85.58	9.68
<i>For Elevated Installation >10' To 15', Add</i>	1.94	
<i>For Elevated Installation >15' To 20', Add</i>	3.87	
<i>For Elevated Installation >20' To 25', Add</i>	4.84	
<i>For Elevated Installation >25' To 30', Add</i>	6.77	
<i>For Elevated Installation >30' To 35', Add</i>	7.74	
<i>For Elevated Installation >35' To 40', Add</i>	9.68	
<i>For Elevated Installation >40', Add</i>	10.64	
<i>For Work In Restricted Working Space, Add</i>	5.81	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1285 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	94.08	11.61
<i>For Elevated Installation >10' To 15', Add</i>	2.32	
<i>For Elevated Installation >15' To 20', Add</i>	4.65	
<i>For Elevated Installation >20' To 25', Add</i>	5.81	
<i>For Elevated Installation >25' To 30', Add</i>	8.13	
<i>For Elevated Installation >30' To 35', Add</i>	9.29	
<i>For Elevated Installation >35' To 40', Add</i>	11.62	
<i>For Elevated Installation >40', Add</i>	12.78	
<i>For Work In Restricted Working Space, Add</i>	6.97	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1286	EA	1-1/4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 106.33	14.19	
			<i>For Elevated Installation >10' To 15', Add</i>	2.84	
			<i>For Elevated Installation >15' To 20', Add</i>	5.68	
			<i>For Elevated Installation >20' To 25', Add</i>	7.10	
			<i>For Elevated Installation >25' To 30', Add</i>	9.93	
			<i>For Elevated Installation >30' To 35', Add</i>	11.35	
			<i>For Elevated Installation >35' To 40', Add</i>	14.19	
			<i>For Elevated Installation >40', Add</i>	15.61	
			<i>For Work In Restricted Working Space, Add</i>	8.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1287	EA	1-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 143.28	16.13	
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1288	EA	2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 175.23	18.06	
			<i>For Elevated Installation >10' To 15', Add</i>	3.61	
			<i>For Elevated Installation >15' To 20', Add</i>	7.22	
			<i>For Elevated Installation >20' To 25', Add</i>	9.03	
			<i>For Elevated Installation >25' To 30', Add</i>	12.64	
			<i>For Elevated Installation >30' To 35', Add</i>	14.45	
			<i>For Elevated Installation >35' To 40', Add</i>	18.06	
			<i>For Elevated Installation >40', Add</i>	19.87	
			<i>For Work In Restricted Working Space, Add</i>	10.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	
26 05 33 13-1289	EA	2-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 251.13	22.57	
			<i>For Elevated Installation >10' To 15', Add</i>	4.52	
			<i>For Elevated Installation >15' To 20', Add</i>	9.03	
			<i>For Elevated Installation >20' To 25', Add</i>	11.29	
			<i>For Elevated Installation >25' To 30', Add</i>	15.81	
			<i>For Elevated Installation >30' To 35', Add</i>	18.06	
			<i>For Elevated Installation >35' To 40', Add</i>	22.58	
			<i>For Elevated Installation >40', Add</i>	24.84	
			<i>For Work In Restricted Working Space, Add</i>	13.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.55	
26 05 33 13-1290	EA	3"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 327.76	30.32	
			<i>For Elevated Installation >10' To 15', Add</i>	6.06	
			<i>For Elevated Installation >15' To 20', Add</i>	12.13	
			<i>For Elevated Installation >20' To 25', Add</i>	15.16	
			<i>For Elevated Installation >25' To 30', Add</i>	21.22	
			<i>For Elevated Installation >30' To 35', Add</i>	24.25	
			<i>For Elevated Installation >35' To 40', Add</i>	30.32	
			<i>For Elevated Installation >40', Add</i>	33.35	
			<i>For Work In Restricted Working Space, Add</i>	18.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.19	
26 05 33 13-1291	EA	3-1/2"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 418.89	34.19	
			<i>For Elevated Installation >10' To 15', Add</i>	6.84	
			<i>For Elevated Installation >15' To 20', Add</i>	13.67	
			<i>For Elevated Installation >20' To 25', Add</i>	17.09	
			<i>For Elevated Installation >25' To 30', Add</i>	23.93	
			<i>For Elevated Installation >30' To 35', Add</i>	27.35	
			<i>For Elevated Installation >35' To 40', Add</i>	34.19	
			<i>For Elevated Installation >40', Add</i>	37.60	
			<i>For Work In Restricted Working Space, Add</i>	20.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.51	
26 05 33 13-1292	EA	4"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 526.71	44.51	
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33 13-1293	EA	5"	Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub 653.52	72.24	
			<i>For Elevated Installation >10' To 15', Add</i>	14.45	
			<i>For Elevated Installation >15' To 20', Add</i>	28.90	
			<i>For Elevated Installation >20' To 25', Add</i>	36.12	
			<i>For Elevated Installation >25' To 30', Add</i>	50.57	
			<i>For Elevated Installation >30' To 35', Add</i>	57.80	
			<i>For Elevated Installation >35' To 40', Add</i>	72.25	
			<i>For Elevated Installation >40', Add</i>	79.47	
			<i>For Work In Restricted Working Space, Add</i>	43.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1294 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STG Knockout Hub	985.61	109.01
<i>For Elevated Installation >10' To 15', Add</i>	21.80	
<i>For Elevated Installation >15' To 20', Add</i>	43.61	
<i>For Elevated Installation >20' To 25', Add</i>	54.51	
<i>For Elevated Installation >25' To 30', Add</i>	76.31	
<i>For Elevated Installation >30' To 35', Add</i>	87.21	
<i>For Elevated Installation >35' To 40', Add</i>	109.02	
<i>For Elevated Installation >40', Add</i>	119.92	
<i>For Work In Restricted Working Space, Add</i>	65.41	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.41	
26 05 33 13-1295 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTB Knockout Hubs (26 05 33 13-0848)		
26 05 33 13-1296 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	119.46	7.74
<i>For Elevated Installation >10' To 15', Add</i>	1.55	
<i>For Elevated Installation >15' To 20', Add</i>	3.10	
<i>For Elevated Installation >20' To 25', Add</i>	3.87	
<i>For Elevated Installation >25' To 30', Add</i>	5.42	
<i>For Elevated Installation >30' To 35', Add</i>	6.19	
<i>For Elevated Installation >35' To 40', Add</i>	7.74	
<i>For Elevated Installation >40', Add</i>	8.51	
<i>For Work In Restricted Working Space, Add</i>	4.64	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.64	
26 05 33 13-1297 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	126.30	9.68
<i>For Elevated Installation >10' To 15', Add</i>	1.94	
<i>For Elevated Installation >15' To 20', Add</i>	3.87	
<i>For Elevated Installation >20' To 25', Add</i>	4.84	
<i>For Elevated Installation >25' To 30', Add</i>	6.77	
<i>For Elevated Installation >30' To 35', Add</i>	7.74	
<i>For Elevated Installation >35' To 40', Add</i>	9.68	
<i>For Elevated Installation >40', Add</i>	10.64	
<i>For Work In Restricted Working Space, Add</i>	5.81	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1298 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	135.69	11.61
<i>For Elevated Installation >10' To 15', Add</i>	2.32	
<i>For Elevated Installation >15' To 20', Add</i>	4.65	
<i>For Elevated Installation >20' To 25', Add</i>	5.81	
<i>For Elevated Installation >25' To 30', Add</i>	8.13	
<i>For Elevated Installation >30' To 35', Add</i>	9.29	
<i>For Elevated Installation >35' To 40', Add</i>	11.62	
<i>For Elevated Installation >40', Add</i>	12.78	
<i>For Work In Restricted Working Space, Add</i>	6.97	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97	
26 05 33 13-1299 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	154.85	14.19
<i>For Elevated Installation >10' To 15', Add</i>	2.84	
<i>For Elevated Installation >15' To 20', Add</i>	5.68	
<i>For Elevated Installation >20' To 25', Add</i>	7.10	
<i>For Elevated Installation >25' To 30', Add</i>	9.93	
<i>For Elevated Installation >30' To 35', Add</i>	11.35	
<i>For Elevated Installation >35' To 40', Add</i>	14.19	
<i>For Elevated Installation >40', Add</i>	15.61	
<i>For Work In Restricted Working Space, Add</i>	8.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1300 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	166.19	16.13
<i>For Elevated Installation >10' To 15', Add</i>	3.23	
<i>For Elevated Installation >15' To 20', Add</i>	6.45	
<i>For Elevated Installation >20' To 25', Add</i>	8.06	
<i>For Elevated Installation >25' To 30', Add</i>	11.29	
<i>For Elevated Installation >30' To 35', Add</i>	12.90	
<i>For Elevated Installation >35' To 40', Add</i>	16.13	
<i>For Elevated Installation >40', Add</i>	17.74	
<i>For Work In Restricted Working Space, Add</i>	9.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1301 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	187.99	18.06
<i>For Elevated Installation >10' To 15', Add</i>	3.61	
<i>For Elevated Installation >15' To 20', Add</i>	7.22	
<i>For Elevated Installation >20' To 25', Add</i>	9.03	
<i>For Elevated Installation >25' To 30', Add</i>	12.64	
<i>For Elevated Installation >30' To 35', Add</i>	14.45	
<i>For Elevated Installation >35' To 40', Add</i>	18.06	
<i>For Elevated Installation >40', Add</i>	19.87	
<i>For Work In Restricted Working Space, Add</i>	10.84	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	
26 05 33 13-1302 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	286.94	22.57
<i>For Elevated Installation >10' To 15', Add</i>	4.52	
<i>For Elevated Installation >15' To 20', Add</i>	9.03	
<i>For Elevated Installation >20' To 25', Add</i>	11.29	
<i>For Elevated Installation >25' To 30', Add</i>	15.81	
<i>For Elevated Installation >30' To 35', Add</i>	18.06	
<i>For Elevated Installation >35' To 40', Add</i>	22.58	
<i>For Elevated Installation >40', Add</i>	24.84	
<i>For Work In Restricted Working Space, Add</i>	13.55	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.55	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1303	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	343.20	30.32
			<i>For Elevated Installation >10' To 15', Add</i>	6.06	
			<i>For Elevated Installation >15' To 20', Add</i>	12.13	
			<i>For Elevated Installation >20' To 25', Add</i>	15.16	
			<i>For Elevated Installation >25' To 30', Add</i>	21.22	
			<i>For Elevated Installation >30' To 35', Add</i>	24.25	
			<i>For Elevated Installation >35' To 40', Add</i>	30.32	
			<i>For Elevated Installation >40', Add</i>	33.35	
			<i>For Work In Restricted Working Space, Add</i>	18.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.19	
26 05 33 13-1304	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub	422.22	34.19
			<i>For Elevated Installation >10' To 15', Add</i>	6.84	
			<i>For Elevated Installation >15' To 20', Add</i>	13.67	
			<i>For Elevated Installation >20' To 25', Add</i>	17.09	
			<i>For Elevated Installation >25' To 30', Add</i>	23.93	
			<i>For Elevated Installation >30' To 35', Add</i>	27.35	
			<i>For Elevated Installation >35' To 40', Add</i>	34.19	
			<i>For Elevated Installation >40', Add</i>	37.60	
			<i>For Work In Restricted Working Space, Add</i>	20.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.51	
26 05 33 13-1305	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	548.24	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33 13-1306	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	852.63	72.24
			<i>For Elevated Installation >10' To 15', Add</i>	14.45	
			<i>For Elevated Installation >15' To 20', Add</i>	28.90	
			<i>For Elevated Installation >20' To 25', Add</i>	36.12	
			<i>For Elevated Installation >25' To 30', Add</i>	50.57	
			<i>For Elevated Installation >30' To 35', Add</i>	57.80	
			<i>For Elevated Installation >35' To 40', Add</i>	72.25	
			<i>For Elevated Installation >40', Add</i>	79.47	
			<i>For Work In Restricted Working Space, Add</i>	43.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.35	
26 05 33 13-1307	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTB Knockout Hub.....	1,395.93	109.01
			<i>For Elevated Installation >10' To 15', Add</i>	21.80	
			<i>For Elevated Installation >15' To 20', Add</i>	43.61	
			<i>For Elevated Installation >20' To 25', Add</i>	54.51	
			<i>For Elevated Installation >25' To 30', Add</i>	76.31	
			<i>For Elevated Installation >30' To 35', Add</i>	87.21	
			<i>For Elevated Installation >35' To 40', Add</i>	109.02	
			<i>For Elevated Installation >40', Add</i>	119.92	
			<i>For Work In Restricted Working Space, Add</i>	65.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.41	
26 05 33 13-1308			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), STTTB Knockout Hubs <small>(26 05 33 13-0848)</small>		
26 05 33 13-1309	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	128.44	7.74
			<i>For Elevated Installation >10' To 15', Add</i>	1.55	
			<i>For Elevated Installation >15' To 20', Add</i>	3.10	
			<i>For Elevated Installation >20' To 25', Add</i>	3.87	
			<i>For Elevated Installation >25' To 30', Add</i>	5.42	
			<i>For Elevated Installation >30' To 35', Add</i>	6.19	
			<i>For Elevated Installation >35' To 40', Add</i>	7.74	
			<i>For Elevated Installation >40', Add</i>	8.51	
			<i>For Work In Restricted Working Space, Add</i>	4.64	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.64	
26 05 33 13-1310	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	134.83	9.68
			<i>For Elevated Installation >10' To 15', Add</i>	1.94	
			<i>For Elevated Installation >15' To 20', Add</i>	3.87	
			<i>For Elevated Installation >20' To 25', Add</i>	4.84	
			<i>For Elevated Installation >25' To 30', Add</i>	6.77	
			<i>For Elevated Installation >30' To 35', Add</i>	7.74	
			<i>For Elevated Installation >35' To 40', Add</i>	9.68	
			<i>For Elevated Installation >40', Add</i>	10.64	
			<i>For Work In Restricted Working Space, Add</i>	5.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1311	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	144.60	11.61
			<i>For Elevated Installation >10' To 15', Add</i>	2.32	
			<i>For Elevated Installation >15' To 20', Add</i>	4.65	
			<i>For Elevated Installation >20' To 25', Add</i>	5.81	
			<i>For Elevated Installation >25' To 30', Add</i>	8.13	
			<i>For Elevated Installation >30' To 35', Add</i>	9.29	
			<i>For Elevated Installation >35' To 40', Add</i>	11.62	
			<i>For Elevated Installation >40', Add</i>	12.78	
			<i>For Work In Restricted Working Space, Add</i>	6.97	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1312 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	181.91	14.19
<i>For Elevated Installation >10' To 15', Add</i>	2.84	
<i>For Elevated Installation >15' To 20', Add</i>	5.68	
<i>For Elevated Installation >20' To 25', Add</i>	7.10	
<i>For Elevated Installation >25' To 30', Add</i>	9.93	
<i>For Elevated Installation >30' To 35', Add</i>	11.35	
<i>For Elevated Installation >35' To 40', Add</i>	14.19	
<i>For Elevated Installation >40', Add</i>	15.61	
<i>For Work In Restricted Working Space, Add</i>	8.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1313 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	198.86	16.13
<i>For Elevated Installation >10' To 15', Add</i>	3.23	
<i>For Elevated Installation >15' To 20', Add</i>	6.45	
<i>For Elevated Installation >20' To 25', Add</i>	8.06	
<i>For Elevated Installation >25' To 30', Add</i>	11.29	
<i>For Elevated Installation >30' To 35', Add</i>	12.90	
<i>For Elevated Installation >35' To 40', Add</i>	16.13	
<i>For Elevated Installation >40', Add</i>	17.74	
<i>For Work In Restricted Working Space, Add</i>	9.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1314 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) STTTB Knockout Hub	210.53	18.06
<i>For Elevated Installation >10' To 15', Add</i>	3.61	
<i>For Elevated Installation >15' To 20', Add</i>	7.22	
<i>For Elevated Installation >20' To 25', Add</i>	9.03	
<i>For Elevated Installation >25' To 30', Add</i>	12.64	
<i>For Elevated Installation >30' To 35', Add</i>	14.45	
<i>For Elevated Installation >35' To 40', Add</i>	18.06	
<i>For Elevated Installation >40', Add</i>	19.87	
<i>For Work In Restricted Working Space, Add</i>	10.84	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	
26 05 33 13-1315 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions <small>(26 05 33 13-0848)</small>		
26 05 33 13-1316 EA 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	94.62	16.13
<i>For Elevated Installation >10' To 15', Add</i>	3.23	
<i>For Elevated Installation >15' To 20', Add</i>	6.45	
<i>For Elevated Installation >20' To 25', Add</i>	8.06	
<i>For Elevated Installation >25' To 30', Add</i>	11.29	
<i>For Elevated Installation >30' To 35', Add</i>	12.90	
<i>For Elevated Installation >35' To 40', Add</i>	16.13	
<i>For Elevated Installation >40', Add</i>	17.74	
<i>For Work In Restricted Working Space, Add</i>	9.68	
26 05 33 13-1317 EA 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	103.49	20.00
<i>For Elevated Installation >10' To 15', Add</i>	4.00	
<i>For Elevated Installation >15' To 20', Add</i>	8.00	
<i>For Elevated Installation >20' To 25', Add</i>	10.00	
<i>For Elevated Installation >25' To 30', Add</i>	14.00	
<i>For Elevated Installation >30' To 35', Add</i>	16.00	
<i>For Elevated Installation >35' To 40', Add</i>	20.00	
<i>For Elevated Installation >40', Add</i>	21.99	
<i>For Work In Restricted Working Space, Add</i>	12.00	
26 05 33 13-1318 EA 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	134.15	24.51
<i>For Elevated Installation >10' To 15', Add</i>	4.90	
<i>For Elevated Installation >15' To 20', Add</i>	9.80	
<i>For Elevated Installation >20' To 25', Add</i>	12.26	
<i>For Elevated Installation >25' To 30', Add</i>	17.16	
<i>For Elevated Installation >30' To 35', Add</i>	19.61	
<i>For Elevated Installation >35' To 40', Add</i>	24.51	
<i>For Elevated Installation >40', Add</i>	26.96	
<i>For Work In Restricted Working Space, Add</i>	14.71	
26 05 33 13-1319 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	193.77	28.38
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	
<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-1320 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	229.75	32.25
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33 13-1321 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	291.18	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1322	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	387.16	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-1323	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	500.06	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-1324	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	646.62	68.37
			<i>For Elevated Installation >10' To 15', Add</i>	13.68	
			<i>For Elevated Installation >15' To 20', Add</i>	27.35	
			<i>For Elevated Installation >20' To 25', Add</i>	34.19	
			<i>For Elevated Installation >25' To 30', Add</i>	47.86	
			<i>For Elevated Installation >30' To 35', Add</i>	54.70	
			<i>For Elevated Installation >35' To 40', Add</i>	68.38	
			<i>For Elevated Installation >40', Add</i>	75.21	
			<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33 13-1325	EA		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	832.72	89.01
			<i>For Elevated Installation >10' To 15', Add</i>	17.80	
			<i>For Elevated Installation >15' To 20', Add</i>	35.61	
			<i>For Elevated Installation >20' To 25', Add</i>	44.51	
			<i>For Elevated Installation >25' To 30', Add</i>	62.31	
			<i>For Elevated Installation >30' To 35', Add</i>	71.21	
			<i>For Elevated Installation >35' To 40', Add</i>	89.02	
			<i>For Elevated Installation >40', Add</i>	97.92	
			<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-1326	EA		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,513.96	145.13
			<i>For Elevated Installation >10' To 15', Add</i>	29.03	
			<i>For Elevated Installation >15' To 20', Add</i>	58.05	
			<i>For Elevated Installation >20' To 25', Add</i>	72.57	
			<i>For Elevated Installation >25' To 30', Add</i>	101.59	
			<i>For Elevated Installation >30' To 35', Add</i>	116.11	
			<i>For Elevated Installation >35' To 40', Add</i>	145.14	
			<i>For Elevated Installation >40', Add</i>	159.65	
			<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33 13-1327	EA		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union	1,893.45	218.03
			<i>For Elevated Installation >10' To 15', Add</i>	43.61	
			<i>For Elevated Installation >15' To 20', Add</i>	87.21	
			<i>For Elevated Installation >20' To 25', Add</i>	109.01	
			<i>For Elevated Installation >25' To 30', Add</i>	152.62	
			<i>For Elevated Installation >30' To 35', Add</i>	174.42	
			<i>For Elevated Installation >35' To 40', Add</i>	218.03	
			<i>For Elevated Installation >40', Add</i>	239.83	
			<i>For Work In Restricted Working Space, Add</i>	130.82	
26 05 33 13-1328			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions <small>(26 05 33 13-0846)</small>		
26 05 33 13-1329	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	96.72	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
26 05 33 13-1330	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	111.51	20.00
			<i>For Elevated Installation >10' To 15', Add</i>	4.00	
			<i>For Elevated Installation >15' To 20', Add</i>	8.00	
			<i>For Elevated Installation >20' To 25', Add</i>	10.00	
			<i>For Elevated Installation >25' To 30', Add</i>	14.00	
			<i>For Elevated Installation >30' To 35', Add</i>	16.00	
			<i>For Elevated Installation >35' To 40', Add</i>	20.00	
			<i>For Elevated Installation >40', Add</i>	21.99	
			<i>For Work In Restricted Working Space, Add</i>	12.00	
26 05 33 13-1331	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union	138.42	24.51
			<i>For Elevated Installation >10' To 15', Add</i>	4.90	
			<i>For Elevated Installation >15' To 20', Add</i>	9.80	
			<i>For Elevated Installation >20' To 25', Add</i>	12.26	
			<i>For Elevated Installation >25' To 30', Add</i>	17.16	
			<i>For Elevated Installation >30' To 35', Add</i>	19.61	
			<i>For Elevated Installation >35' To 40', Add</i>	24.51	
			<i>For Elevated Installation >40', Add</i>	26.96	
			<i>For Work In Restricted Working Space, Add</i>	14.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1332 EA 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	201.62	28.38
<i>For Elevated Installation >10' To 15', Add</i>	5.68	
<i>For Elevated Installation >15' To 20', Add</i>	11.35	
<i>For Elevated Installation >20' To 25', Add</i>	14.19	
<i>For Elevated Installation >25' To 30', Add</i>	19.87	
<i>For Elevated Installation >30' To 35', Add</i>	22.70	
<i>For Elevated Installation >35' To 40', Add</i>	28.38	
<i>For Elevated Installation >40', Add</i>	31.22	
<i>For Work In Restricted Working Space, Add</i>	17.03	
26 05 33 13-1333 EA 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	240.65	32.25
<i>For Elevated Installation >10' To 15', Add</i>	6.45	
<i>For Elevated Installation >15' To 20', Add</i>	12.90	
<i>For Elevated Installation >20' To 25', Add</i>	16.13	
<i>For Elevated Installation >25' To 30', Add</i>	22.58	
<i>For Elevated Installation >30' To 35', Add</i>	25.80	
<i>For Elevated Installation >35' To 40', Add</i>	32.25	
<i>For Elevated Installation >40', Add</i>	35.48	
<i>For Work In Restricted Working Space, Add</i>	19.35	
26 05 33 13-1334 EA 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	314.71	35.48
<i>For Elevated Installation >10' To 15', Add</i>	7.10	
<i>For Elevated Installation >15' To 20', Add</i>	14.19	
<i>For Elevated Installation >20' To 25', Add</i>	17.74	
<i>For Elevated Installation >25' To 30', Add</i>	24.83	
<i>For Elevated Installation >30' To 35', Add</i>	28.38	
<i>For Elevated Installation >35' To 40', Add</i>	35.48	
<i>For Elevated Installation >40', Add</i>	39.02	
<i>For Work In Restricted Working Space, Add</i>	21.29	
26 05 33 13-1335 EA 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	437.52	44.51
<i>For Elevated Installation >10' To 15', Add</i>	8.90	
<i>For Elevated Installation >15' To 20', Add</i>	17.80	
<i>For Elevated Installation >20' To 25', Add</i>	22.25	
<i>For Elevated Installation >25' To 30', Add</i>	31.15	
<i>For Elevated Installation >30' To 35', Add</i>	35.60	
<i>For Elevated Installation >35' To 40', Add</i>	44.51	
<i>For Elevated Installation >40', Add</i>	48.96	
<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-1336 EA 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	551.26	44.51
<i>For Elevated Installation >10' To 15', Add</i>	8.90	
<i>For Elevated Installation >15' To 20', Add</i>	17.80	
<i>For Elevated Installation >20' To 25', Add</i>	22.25	
<i>For Elevated Installation >25' To 30', Add</i>	31.15	
<i>For Elevated Installation >30' To 35', Add</i>	35.60	
<i>For Elevated Installation >35' To 40', Add</i>	44.51	
<i>For Elevated Installation >40', Add</i>	48.96	
<i>For Work In Restricted Working Space, Add</i>	26.70	
26 05 33 13-1337 EA 3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	739.19	68.37
<i>For Elevated Installation >10' To 15', Add</i>	13.68	
<i>For Elevated Installation >15' To 20', Add</i>	27.35	
<i>For Elevated Installation >20' To 25', Add</i>	34.19	
<i>For Elevated Installation >25' To 30', Add</i>	47.86	
<i>For Elevated Installation >30' To 35', Add</i>	54.70	
<i>For Elevated Installation >35' To 40', Add</i>	68.38	
<i>For Elevated Installation >40', Add</i>	75.21	
<i>For Work In Restricted Working Space, Add</i>	41.03	
26 05 33 13-1338 EA 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	924.95	89.01
<i>For Elevated Installation >10' To 15', Add</i>	17.80	
<i>For Elevated Installation >15' To 20', Add</i>	35.61	
<i>For Elevated Installation >20' To 25', Add</i>	44.51	
<i>For Elevated Installation >25' To 30', Add</i>	62.31	
<i>For Elevated Installation >30' To 35', Add</i>	71.21	
<i>For Elevated Installation >35' To 40', Add</i>	89.02	
<i>For Elevated Installation >40', Add</i>	97.92	
<i>For Work In Restricted Working Space, Add</i>	53.41	
26 05 33 13-1339 EA 5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	1,683.03	145.13
<i>For Elevated Installation >10' To 15', Add</i>	29.03	
<i>For Elevated Installation >15' To 20', Add</i>	58.05	
<i>For Elevated Installation >20' To 25', Add</i>	72.57	
<i>For Elevated Installation >25' To 30', Add</i>	101.59	
<i>For Elevated Installation >30' To 35', Add</i>	116.11	
<i>For Elevated Installation >35' To 40', Add</i>	145.14	
<i>For Elevated Installation >40', Add</i>	159.65	
<i>For Work In Restricted Working Space, Add</i>	87.08	
26 05 33 13-1340 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union.....	2,166.45	218.03
<i>For Elevated Installation >10' To 15', Add</i>	43.61	
<i>For Elevated Installation >15' To 20', Add</i>	87.21	
<i>For Elevated Installation >20' To 25', Add</i>	109.01	
<i>For Elevated Installation >25' To 30', Add</i>	152.62	
<i>For Elevated Installation >30' To 35', Add</i>	174.42	
<i>For Elevated Installation >35' To 40', Add</i>	218.03	
<i>For Elevated Installation >40', Add</i>	239.83	
<i>For Work In Restricted Working Space, Add</i>	130.82	

26 05 33 13-1341 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Reducing Couplings (26 05 33 13-0848)

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1342	EA	3/4" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	52.51	5.16
			<i>For Elevated Installation >10' To 15', Add</i>	1.03	
			<i>For Elevated Installation >15' To 20', Add</i>	2.06	
			<i>For Elevated Installation >20' To 25', Add</i>	2.58	
			<i>For Elevated Installation >25' To 30', Add</i>	3.61	
			<i>For Elevated Installation >30' To 35', Add</i>	4.13	
			<i>For Elevated Installation >35' To 40', Add</i>	5.16	
			<i>For Elevated Installation >40', Add</i>	5.68	
			<i>For Work In Restricted Working Space, Add</i>	3.10	
26 05 33	13-1343	EA	1" x 1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	57.64	6.45
			<i>For Elevated Installation >10' To 15', Add</i>	1.29	
			<i>For Elevated Installation >15' To 20', Add</i>	2.58	
			<i>For Elevated Installation >20' To 25', Add</i>	3.23	
			<i>For Elevated Installation >25' To 30', Add</i>	4.52	
			<i>For Elevated Installation >30' To 35', Add</i>	5.16	
			<i>For Elevated Installation >35' To 40', Add</i>	6.46	
			<i>For Elevated Installation >40', Add</i>	7.10	
			<i>For Work In Restricted Working Space, Add</i>	3.87	
26 05 33	13-1344	EA	1" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	65.51	6.45
			<i>For Elevated Installation >10' To 15', Add</i>	1.29	
			<i>For Elevated Installation >15' To 20', Add</i>	2.58	
			<i>For Elevated Installation >20' To 25', Add</i>	3.23	
			<i>For Elevated Installation >25' To 30', Add</i>	4.52	
			<i>For Elevated Installation >30' To 35', Add</i>	5.16	
			<i>For Elevated Installation >35' To 40', Add</i>	6.46	
			<i>For Elevated Installation >40', Add</i>	7.10	
			<i>For Work In Restricted Working Space, Add</i>	3.87	
26 05 33	13-1345	EA	1-1/4" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	80.93	7.10
			<i>For Elevated Installation >10' To 15', Add</i>	1.42	
			<i>For Elevated Installation >15' To 20', Add</i>	2.84	
			<i>For Elevated Installation >20' To 25', Add</i>	3.55	
			<i>For Elevated Installation >25' To 30', Add</i>	4.97	
			<i>For Elevated Installation >30' To 35', Add</i>	5.68	
			<i>For Elevated Installation >35' To 40', Add</i>	7.10	
			<i>For Elevated Installation >40', Add</i>	7.80	
			<i>For Work In Restricted Working Space, Add</i>	4.26	
26 05 33	13-1346	EA	1-1/4" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	85.47	7.10
			<i>For Elevated Installation >10' To 15', Add</i>	1.42	
			<i>For Elevated Installation >15' To 20', Add</i>	2.84	
			<i>For Elevated Installation >20' To 25', Add</i>	3.55	
			<i>For Elevated Installation >25' To 30', Add</i>	4.97	
			<i>For Elevated Installation >30' To 35', Add</i>	5.68	
			<i>For Elevated Installation >35' To 40', Add</i>	7.10	
			<i>For Elevated Installation >40', Add</i>	7.80	
			<i>For Work In Restricted Working Space, Add</i>	4.26	
26 05 33	13-1347	EA	1-1/2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	73.48	8.38
			<i>For Elevated Installation >10' To 15', Add</i>	1.68	
			<i>For Elevated Installation >15' To 20', Add</i>	3.35	
			<i>For Elevated Installation >20' To 25', Add</i>	4.19	
			<i>For Elevated Installation >25' To 30', Add</i>	5.87	
			<i>For Elevated Installation >30' To 35', Add</i>	6.71	
			<i>For Elevated Installation >35' To 40', Add</i>	8.39	
			<i>For Elevated Installation >40', Add</i>	9.22	
			<i>For Work In Restricted Working Space, Add</i>	5.03	
26 05 33	13-1348	EA	1-1/2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	83.63	8.38
			<i>For Elevated Installation >10' To 15', Add</i>	1.68	
			<i>For Elevated Installation >15' To 20', Add</i>	3.35	
			<i>For Elevated Installation >20' To 25', Add</i>	4.19	
			<i>For Elevated Installation >25' To 30', Add</i>	5.87	
			<i>For Elevated Installation >30' To 35', Add</i>	6.71	
			<i>For Elevated Installation >35' To 40', Add</i>	8.39	
			<i>For Elevated Installation >40', Add</i>	9.22	
			<i>For Work In Restricted Working Space, Add</i>	5.03	
26 05 33	13-1349	EA	1-1/2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	129.28	8.38
			<i>For Elevated Installation >10' To 15', Add</i>	1.68	
			<i>For Elevated Installation >15' To 20', Add</i>	3.35	
			<i>For Elevated Installation >20' To 25', Add</i>	4.19	
			<i>For Elevated Installation >25' To 30', Add</i>	5.87	
			<i>For Elevated Installation >30' To 35', Add</i>	6.71	
			<i>For Elevated Installation >35' To 40', Add</i>	8.39	
			<i>For Elevated Installation >40', Add</i>	9.22	
			<i>For Work In Restricted Working Space, Add</i>	5.03	
26 05 33	13-1350	EA	2" x 3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling	143.72	9.68
			<i>For Elevated Installation >10' To 15', Add</i>	1.94	
			<i>For Elevated Installation >15' To 20', Add</i>	3.87	
			<i>For Elevated Installation >20' To 25', Add</i>	4.84	
			<i>For Elevated Installation >25' To 30', Add</i>	6.77	
			<i>For Elevated Installation >30' To 35', Add</i>	7.74	
			<i>For Elevated Installation >35' To 40', Add</i>	9.68	
			<i>For Elevated Installation >40', Add</i>	10.64	
			<i>For Work In Restricted Working Space, Add</i>	5.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1351 EA 2" x 1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	139.78	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
26 05 33 13-1352 EA 2" x 1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	147.10	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
26 05 33 13-1353 EA 2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	165.52	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
26 05 33 13-1354 EA 2-1/2" x 1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	164.43	11.61
For Elevated Installation >10' To 15', Add	2.32	
For Elevated Installation >15' To 20', Add	4.64	
For Elevated Installation >20' To 25', Add	5.81	
For Elevated Installation >25' To 30', Add	8.13	
For Elevated Installation >30' To 35', Add	9.29	
For Elevated Installation >35' To 40', Add	11.61	
For Elevated Installation >40', Add	12.77	
For Work In Restricted Working Space, Add	6.97	
26 05 33 13-1355 EA 3" x 2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	209.71	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
26 05 33 13-1356 EA 3-1/2" x 2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	308.66	18.70
For Elevated Installation >10' To 15', Add	3.74	
For Elevated Installation >15' To 20', Add	7.48	
For Elevated Installation >20' To 25', Add	9.36	
For Elevated Installation >25' To 30', Add	13.10	
For Elevated Installation >30' To 35', Add	14.97	
For Elevated Installation >35' To 40', Add	18.71	
For Elevated Installation >40', Add	20.58	
For Work In Restricted Working Space, Add	11.23	
26 05 33 13-1357 EA 4" x 3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	412.98	25.80
For Elevated Installation >10' To 15', Add	5.16	
For Elevated Installation >15' To 20', Add	10.32	
For Elevated Installation >20' To 25', Add	12.90	
For Elevated Installation >25' To 30', Add	18.06	
For Elevated Installation >30' To 35', Add	20.64	
For Elevated Installation >35' To 40', Add	25.81	
For Elevated Installation >40', Add	28.39	
For Work In Restricted Working Space, Add	15.48	
26 05 33 13-1358 EA 5" x 4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Reducing Coupling.....	516.51	35.48
For Elevated Installation >10' To 15', Add	7.10	
For Elevated Installation >15' To 20', Add	14.19	
For Elevated Installation >20' To 25', Add	17.74	
For Elevated Installation >25' To 30', Add	24.84	
For Elevated Installation >30' To 35', Add	28.38	
For Elevated Installation >35' To 40', Add	35.48	
For Elevated Installation >40', Add	39.03	
For Work In Restricted Working Space, Add	21.29	
26 05 33 13-1359 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples <small>(26 05 33 13-0848)</small>		
26 05 33 13-1360 EA 1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	33.17	7.74
For Elevated Installation >10' To 15', Add	1.55	
For Elevated Installation >15' To 20', Add	3.10	
For Elevated Installation >20' To 25', Add	3.87	
For Elevated Installation >25' To 30', Add	5.42	
For Elevated Installation >30' To 35', Add	6.19	
For Elevated Installation >35' To 40', Add	7.74	
For Elevated Installation >40', Add	8.51	
For Work In Restricted Working Space, Add	4.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.64	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1361	EA	3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	37.38	9.68
		<i>For Elevated Installation >10' To 15', Add</i>	1.94	
		<i>For Elevated Installation >15' To 20', Add</i>	3.87	
		<i>For Elevated Installation >20' To 25', Add</i>	4.84	
		<i>For Elevated Installation >25' To 30', Add</i>	6.77	
		<i>For Elevated Installation >30' To 35', Add</i>	7.74	
		<i>For Elevated Installation >35' To 40', Add</i>	9.68	
		<i>For Elevated Installation >40', Add</i>	10.64	
		<i>For Work In Restricted Working Space, Add</i>	5.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1362	EA	1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	43.53	12.25
		<i>For Elevated Installation >10' To 15', Add</i>	2.45	
		<i>For Elevated Installation >15' To 20', Add</i>	4.90	
		<i>For Elevated Installation >20' To 25', Add</i>	6.13	
		<i>For Elevated Installation >25' To 30', Add</i>	8.58	
		<i>For Elevated Installation >30' To 35', Add</i>	9.80	
		<i>For Elevated Installation >35' To 40', Add</i>	12.26	
		<i>For Elevated Installation >40', Add</i>	13.48	
		<i>For Work In Restricted Working Space, Add</i>	7.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.35	
26 05 33 13-1363	EA	1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	51.77	14.19
		<i>For Elevated Installation >10' To 15', Add</i>	2.84	
		<i>For Elevated Installation >15' To 20', Add</i>	5.68	
		<i>For Elevated Installation >20' To 25', Add</i>	7.10	
		<i>For Elevated Installation >25' To 30', Add</i>	9.93	
		<i>For Elevated Installation >30' To 35', Add</i>	11.35	
		<i>For Elevated Installation >35' To 40', Add</i>	14.19	
		<i>For Elevated Installation >40', Add</i>	15.61	
		<i>For Work In Restricted Working Space, Add</i>	8.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1364	EA	1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.41	16.13
		<i>For Elevated Installation >10' To 15', Add</i>	3.23	
		<i>For Elevated Installation >15' To 20', Add</i>	6.45	
		<i>For Elevated Installation >20' To 25', Add</i>	8.06	
		<i>For Elevated Installation >25' To 30', Add</i>	11.29	
		<i>For Elevated Installation >30' To 35', Add</i>	12.90	
		<i>For Elevated Installation >35' To 40', Add</i>	16.13	
		<i>For Elevated Installation >40', Add</i>	17.74	
		<i>For Work In Restricted Working Space, Add</i>	9.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1365	EA	1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	36.73	8.38
		<i>For Elevated Installation >10' To 15', Add</i>	1.68	
		<i>For Elevated Installation >15' To 20', Add</i>	3.35	
		<i>For Elevated Installation >20' To 25', Add</i>	4.19	
		<i>For Elevated Installation >25' To 30', Add</i>	5.87	
		<i>For Elevated Installation >30' To 35', Add</i>	6.71	
		<i>For Elevated Installation >35' To 40', Add</i>	8.39	
		<i>For Elevated Installation >40', Add</i>	9.22	
		<i>For Work In Restricted Working Space, Add</i>	5.03	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.03	
26 05 33 13-1366	EA	3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.79	9.68
		<i>For Elevated Installation >10' To 15', Add</i>	1.94	
		<i>For Elevated Installation >15' To 20', Add</i>	3.87	
		<i>For Elevated Installation >20' To 25', Add</i>	4.84	
		<i>For Elevated Installation >25' To 30', Add</i>	6.77	
		<i>For Elevated Installation >30' To 35', Add</i>	7.74	
		<i>For Elevated Installation >35' To 40', Add</i>	9.68	
		<i>For Elevated Installation >40', Add</i>	10.64	
		<i>For Work In Restricted Working Space, Add</i>	5.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1367	EA	1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.97	12.25
		<i>For Elevated Installation >10' To 15', Add</i>	2.45	
		<i>For Elevated Installation >15' To 20', Add</i>	4.90	
		<i>For Elevated Installation >20' To 25', Add</i>	6.13	
		<i>For Elevated Installation >25' To 30', Add</i>	8.58	
		<i>For Elevated Installation >30' To 35', Add</i>	9.80	
		<i>For Elevated Installation >35' To 40', Add</i>	12.26	
		<i>For Elevated Installation >40', Add</i>	13.48	
		<i>For Work In Restricted Working Space, Add</i>	7.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.35	
26 05 33 13-1368	EA	1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	54.36	14.19
		<i>For Elevated Installation >10' To 15', Add</i>	2.84	
		<i>For Elevated Installation >15' To 20', Add</i>	5.68	
		<i>For Elevated Installation >20' To 25', Add</i>	7.10	
		<i>For Elevated Installation >25' To 30', Add</i>	9.93	
		<i>For Elevated Installation >30' To 35', Add</i>	11.35	
		<i>For Elevated Installation >35' To 40', Add</i>	14.19	
		<i>For Elevated Installation >40', Add</i>	15.61	
		<i>For Work In Restricted Working Space, Add</i>	8.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1369 EA 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	59.19	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 33 13-1370 EA 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	64.27	18.06
For Elevated Installation >10' To 15', Add	3.61	
For Elevated Installation >15' To 20', Add	7.22	
For Elevated Installation >20' To 25', Add	9.03	
For Elevated Installation >25' To 30', Add	12.64	
For Elevated Installation >30' To 35', Add	14.45	
For Elevated Installation >35' To 40', Add	18.06	
For Elevated Installation >40', Add	19.87	
For Work In Restricted Working Space, Add	10.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.84	
26 05 33 13-1371 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	36.90	8.38
For Elevated Installation >10' To 15', Add	1.68	
For Elevated Installation >15' To 20', Add	3.35	
For Elevated Installation >20' To 25', Add	4.19	
For Elevated Installation >25' To 30', Add	5.87	
For Elevated Installation >30' To 35', Add	6.71	
For Elevated Installation >35' To 40', Add	8.39	
For Elevated Installation >40', Add	9.22	
For Work In Restricted Working Space, Add	5.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.03	
26 05 33 13-1372 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	39.96	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.81	
26 05 33 13-1373 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	46.28	12.25
For Elevated Installation >10' To 15', Add	2.45	
For Elevated Installation >15' To 20', Add	4.90	
For Elevated Installation >20' To 25', Add	6.13	
For Elevated Installation >25' To 30', Add	8.58	
For Elevated Installation >30' To 35', Add	9.80	
For Elevated Installation >35' To 40', Add	12.26	
For Elevated Installation >40', Add	13.48	
For Work In Restricted Working Space, Add	7.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.35	
26 05 33 13-1374 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	54.69	14.19
For Elevated Installation >10' To 15', Add	2.84	
For Elevated Installation >15' To 20', Add	5.68	
For Elevated Installation >20' To 25', Add	7.10	
For Elevated Installation >25' To 30', Add	9.93	
For Elevated Installation >30' To 35', Add	11.35	
For Elevated Installation >35' To 40', Add	14.19	
For Elevated Installation >40', Add	15.61	
For Work In Restricted Working Space, Add	8.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.51	
26 05 33 13-1375 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	59.53	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 33 13-1376 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	65.14	18.06
For Elevated Installation >10' To 15', Add	3.61	
For Elevated Installation >15' To 20', Add	7.22	
For Elevated Installation >20' To 25', Add	9.03	
For Elevated Installation >25' To 30', Add	12.64	
For Elevated Installation >30' To 35', Add	14.45	
For Elevated Installation >35' To 40', Add	18.06	
For Elevated Installation >40', Add	19.87	
For Work In Restricted Working Space, Add	10.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.84	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1377	EA	1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	39.19	8.38
			<i>For Elevated Installation >10' To 15', Add</i>	1.68	
			<i>For Elevated Installation >15' To 20', Add</i>	3.35	
			<i>For Elevated Installation >20' To 25', Add</i>	4.19	
			<i>For Elevated Installation >25' To 30', Add</i>	5.87	
			<i>For Elevated Installation >30' To 35', Add</i>	6.71	
			<i>For Elevated Installation >35' To 40', Add</i>	8.39	
			<i>For Elevated Installation >40', Add</i>	9.22	
			<i>For Work In Restricted Working Space, Add</i>	5.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.03	
26 05 33	13-1378	EA	3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.26	9.68
			<i>For Elevated Installation >10' To 15', Add</i>	1.94	
			<i>For Elevated Installation >15' To 20', Add</i>	3.87	
			<i>For Elevated Installation >20' To 25', Add</i>	4.84	
			<i>For Elevated Installation >25' To 30', Add</i>	6.77	
			<i>For Elevated Installation >30' To 35', Add</i>	7.74	
			<i>For Elevated Installation >35' To 40', Add</i>	9.68	
			<i>For Elevated Installation >40', Add</i>	10.64	
			<i>For Work In Restricted Working Space, Add</i>	5.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33	13-1379	EA	1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	48.75	12.25
			<i>For Elevated Installation >10' To 15', Add</i>	2.45	
			<i>For Elevated Installation >15' To 20', Add</i>	4.90	
			<i>For Elevated Installation >20' To 25', Add</i>	6.13	
			<i>For Elevated Installation >25' To 30', Add</i>	8.58	
			<i>For Elevated Installation >30' To 35', Add</i>	9.80	
			<i>For Elevated Installation >35' To 40', Add</i>	12.26	
			<i>For Elevated Installation >40', Add</i>	13.48	
			<i>For Work In Restricted Working Space, Add</i>	7.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.35	
26 05 33	13-1380	EA	1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	56.10	14.19
			<i>For Elevated Installation >10' To 15', Add</i>	2.84	
			<i>For Elevated Installation >15' To 20', Add</i>	5.68	
			<i>For Elevated Installation >20' To 25', Add</i>	7.10	
			<i>For Elevated Installation >25' To 30', Add</i>	9.93	
			<i>For Elevated Installation >30' To 35', Add</i>	11.35	
			<i>For Elevated Installation >35' To 40', Add</i>	14.19	
			<i>For Elevated Installation >40', Add</i>	15.61	
			<i>For Work In Restricted Working Space, Add</i>	8.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33	13-1381	EA	1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	61.08	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33	13-1382	EA	2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	67.85	18.06
			<i>For Elevated Installation >10' To 15', Add</i>	3.61	
			<i>For Elevated Installation >15' To 20', Add</i>	7.22	
			<i>For Elevated Installation >20' To 25', Add</i>	9.03	
			<i>For Elevated Installation >25' To 30', Add</i>	12.64	
			<i>For Elevated Installation >30' To 35', Add</i>	14.45	
			<i>For Elevated Installation >35' To 40', Add</i>	18.06	
			<i>For Elevated Installation >40', Add</i>	19.87	
			<i>For Work In Restricted Working Space, Add</i>	10.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	
26 05 33	13-1383	EA	2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	94.22	21.93
			<i>For Elevated Installation >10' To 15', Add</i>	4.39	
			<i>For Elevated Installation >15' To 20', Add</i>	8.77	
			<i>For Elevated Installation >20' To 25', Add</i>	10.97	
			<i>For Elevated Installation >25' To 30', Add</i>	15.35	
			<i>For Elevated Installation >30' To 35', Add</i>	17.54	
			<i>For Elevated Installation >35' To 40', Add</i>	21.93	
			<i>For Elevated Installation >40', Add</i>	24.12	
			<i>For Work In Restricted Working Space, Add</i>	13.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.16	
26 05 33	13-1384	EA	3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	122.25	30.32
			<i>For Elevated Installation >10' To 15', Add</i>	6.06	
			<i>For Elevated Installation >15' To 20', Add</i>	12.13	
			<i>For Elevated Installation >20' To 25', Add</i>	15.16	
			<i>For Elevated Installation >25' To 30', Add</i>	21.22	
			<i>For Elevated Installation >30' To 35', Add</i>	24.25	
			<i>For Elevated Installation >35' To 40', Add</i>	30.32	
			<i>For Elevated Installation >40', Add</i>	33.35	
			<i>For Work In Restricted Working Space, Add</i>	18.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1385 EA 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	39.36	8.38
For Elevated Installation >10' To 15', Add	1.68	
For Elevated Installation >15' To 20', Add	3.35	
For Elevated Installation >20' To 25', Add	4.19	
For Elevated Installation >25' To 30', Add	5.87	
For Elevated Installation >30' To 35', Add	6.71	
For Elevated Installation >35' To 40', Add	8.39	
For Elevated Installation >40', Add	9.22	
For Work In Restricted Working Space, Add	5.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.03	
26 05 33 13-1386 EA 3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	42.57	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.81	
26 05 33 13-1387 EA 1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	49.08	12.25
For Elevated Installation >10' To 15', Add	2.45	
For Elevated Installation >15' To 20', Add	4.90	
For Elevated Installation >20' To 25', Add	6.13	
For Elevated Installation >25' To 30', Add	8.58	
For Elevated Installation >30' To 35', Add	9.80	
For Elevated Installation >35' To 40', Add	12.26	
For Elevated Installation >40', Add	13.48	
For Work In Restricted Working Space, Add	7.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.35	
26 05 33 13-1388 EA 1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	57.50	14.19
For Elevated Installation >10' To 15', Add	2.84	
For Elevated Installation >15' To 20', Add	5.68	
For Elevated Installation >20' To 25', Add	7.10	
For Elevated Installation >25' To 30', Add	9.93	
For Elevated Installation >30' To 35', Add	11.35	
For Elevated Installation >35' To 40', Add	14.19	
For Elevated Installation >40', Add	15.61	
For Work In Restricted Working Space, Add	8.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.51	
26 05 33 13-1389 EA 1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	62.62	16.13
For Elevated Installation >10' To 15', Add	3.23	
For Elevated Installation >15' To 20', Add	6.45	
For Elevated Installation >20' To 25', Add	8.06	
For Elevated Installation >25' To 30', Add	11.29	
For Elevated Installation >30' To 35', Add	12.90	
For Elevated Installation >35' To 40', Add	16.13	
For Elevated Installation >40', Add	17.74	
For Work In Restricted Working Space, Add	9.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.68	
26 05 33 13-1390 EA 2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	70.55	18.06
For Elevated Installation >10' To 15', Add	3.61	
For Elevated Installation >15' To 20', Add	7.22	
For Elevated Installation >20' To 25', Add	9.03	
For Elevated Installation >25' To 30', Add	12.64	
For Elevated Installation >30' To 35', Add	14.45	
For Elevated Installation >35' To 40', Add	18.06	
For Elevated Installation >40', Add	19.87	
For Work In Restricted Working Space, Add	10.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.84	
26 05 33 13-1391 EA 2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	96.61	21.93
For Elevated Installation >10' To 15', Add	4.39	
For Elevated Installation >15' To 20', Add	8.77	
For Elevated Installation >20' To 25', Add	10.97	
For Elevated Installation >25' To 30', Add	15.35	
For Elevated Installation >30' To 35', Add	17.54	
For Elevated Installation >35' To 40', Add	21.93	
For Elevated Installation >40', Add	24.12	
For Work In Restricted Working Space, Add	13.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.16	
26 05 33 13-1392 EA 3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	127.39	30.32
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.13	
For Elevated Installation >20' To 25', Add	15.16	
For Elevated Installation >25' To 30', Add	21.22	
For Elevated Installation >30' To 35', Add	24.25	
For Elevated Installation >35' To 40', Add	30.32	
For Elevated Installation >40', Add	33.35	
For Work In Restricted Working Space, Add	18.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.19	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1393	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	151.64	34.19
		<i>For Elevated Installation >10' To 15', Add</i>	6.84	
		<i>For Elevated Installation >15' To 20', Add</i>	13.67	
		<i>For Elevated Installation >20' To 25', Add</i>	17.09	
		<i>For Elevated Installation >25' To 30', Add</i>	23.93	
		<i>For Elevated Installation >30' To 35', Add</i>	27.35	
		<i>For Elevated Installation >35' To 40', Add</i>	34.19	
		<i>For Elevated Installation >40', Add</i>	37.60	
		<i>For Work In Restricted Working Space, Add</i>	20.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.51	
26 05 33 13-1394	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	178.10	44.51
		<i>For Elevated Installation >10' To 15', Add</i>	8.90	
		<i>For Elevated Installation >15' To 20', Add</i>	17.80	
		<i>For Elevated Installation >20' To 25', Add</i>	22.25	
		<i>For Elevated Installation >25' To 30', Add</i>	31.15	
		<i>For Elevated Installation >30' To 35', Add</i>	35.60	
		<i>For Elevated Installation >35' To 40', Add</i>	44.51	
		<i>For Elevated Installation >40', Add</i>	48.96	
		<i>For Work In Restricted Working Space, Add</i>	26.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33 13-1395	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	39.68	8.38
		<i>For Elevated Installation >10' To 15', Add</i>	1.68	
		<i>For Elevated Installation >15' To 20', Add</i>	3.35	
		<i>For Elevated Installation >20' To 25', Add</i>	4.19	
		<i>For Elevated Installation >25' To 30', Add</i>	5.87	
		<i>For Elevated Installation >30' To 35', Add</i>	6.71	
		<i>For Elevated Installation >35' To 40', Add</i>	8.39	
		<i>For Elevated Installation >40', Add</i>	9.22	
		<i>For Work In Restricted Working Space, Add</i>	5.03	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.03	
26 05 33 13-1396	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.91	9.68
		<i>For Elevated Installation >10' To 15', Add</i>	1.94	
		<i>For Elevated Installation >15' To 20', Add</i>	3.87	
		<i>For Elevated Installation >20' To 25', Add</i>	4.84	
		<i>For Elevated Installation >25' To 30', Add</i>	6.77	
		<i>For Elevated Installation >30' To 35', Add</i>	7.74	
		<i>For Elevated Installation >35' To 40', Add</i>	9.68	
		<i>For Elevated Installation >40', Add</i>	10.64	
		<i>For Work In Restricted Working Space, Add</i>	5.81	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1397	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	49.45	12.25
		<i>For Elevated Installation >10' To 15', Add</i>	2.45	
		<i>For Elevated Installation >15' To 20', Add</i>	4.90	
		<i>For Elevated Installation >20' To 25', Add</i>	6.13	
		<i>For Elevated Installation >25' To 30', Add</i>	8.58	
		<i>For Elevated Installation >30' To 35', Add</i>	9.80	
		<i>For Elevated Installation >35' To 40', Add</i>	12.26	
		<i>For Elevated Installation >40', Add</i>	13.48	
		<i>For Work In Restricted Working Space, Add</i>	7.35	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.35	
26 05 33 13-1398	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	58.15	14.19
		<i>For Elevated Installation >10' To 15', Add</i>	2.84	
		<i>For Elevated Installation >15' To 20', Add</i>	5.68	
		<i>For Elevated Installation >20' To 25', Add</i>	7.10	
		<i>For Elevated Installation >25' To 30', Add</i>	9.93	
		<i>For Elevated Installation >30' To 35', Add</i>	11.35	
		<i>For Elevated Installation >35' To 40', Add</i>	14.19	
		<i>For Elevated Installation >40', Add</i>	15.61	
		<i>For Work In Restricted Working Space, Add</i>	8.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1399	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	63.30	16.13
		<i>For Elevated Installation >10' To 15', Add</i>	3.23	
		<i>For Elevated Installation >15' To 20', Add</i>	6.45	
		<i>For Elevated Installation >20' To 25', Add</i>	8.06	
		<i>For Elevated Installation >25' To 30', Add</i>	11.29	
		<i>For Elevated Installation >30' To 35', Add</i>	12.90	
		<i>For Elevated Installation >35' To 40', Add</i>	16.13	
		<i>For Elevated Installation >40', Add</i>	17.74	
		<i>For Work In Restricted Working Space, Add</i>	9.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1400	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	72.03	18.06
		<i>For Elevated Installation >10' To 15', Add</i>	3.61	
		<i>For Elevated Installation >15' To 20', Add</i>	7.22	
		<i>For Elevated Installation >20' To 25', Add</i>	9.03	
		<i>For Elevated Installation >25' To 30', Add</i>	12.64	
		<i>For Elevated Installation >30' To 35', Add</i>	14.45	
		<i>For Elevated Installation >35' To 40', Add</i>	18.06	
		<i>For Elevated Installation >40', Add</i>	19.87	
		<i>For Work In Restricted Working Space, Add</i>	10.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1401 EA 2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	106.13	21.93
For Elevated Installation >10' To 15', Add	4.39	
For Elevated Installation >15' To 20', Add	8.77	
For Elevated Installation >20' To 25', Add	10.97	
For Elevated Installation >25' To 30', Add	15.35	
For Elevated Installation >30' To 35', Add	17.54	
For Elevated Installation >35' To 40', Add	21.93	
For Elevated Installation >40', Add	24.12	
For Work In Restricted Working Space, Add	13.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.16	
26 05 33 13-1402 EA 3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	135.10	30.32
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.13	
For Elevated Installation >20' To 25', Add	15.16	
For Elevated Installation >25' To 30', Add	21.22	
For Elevated Installation >30' To 35', Add	24.25	
For Elevated Installation >35' To 40', Add	30.32	
For Elevated Installation >40', Add	33.35	
For Work In Restricted Working Space, Add	18.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.19	
26 05 33 13-1403 EA 3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	153.28	34.19
For Elevated Installation >10' To 15', Add	6.84	
For Elevated Installation >15' To 20', Add	13.67	
For Elevated Installation >20' To 25', Add	17.09	
For Elevated Installation >25' To 30', Add	23.93	
For Elevated Installation >30' To 35', Add	27.35	
For Elevated Installation >35' To 40', Add	34.19	
For Elevated Installation >40', Add	37.60	
For Work In Restricted Working Space, Add	20.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.51	
26 05 33 13-1404 EA 4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	182.50	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.70	
26 05 33 13-1405 EA 5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	267.97	61.28
For Elevated Installation >10' To 15', Add	12.26	
For Elevated Installation >15' To 20', Add	24.51	
For Elevated Installation >20' To 25', Add	30.64	
For Elevated Installation >25' To 30', Add	42.89	
For Elevated Installation >30' To 35', Add	49.02	
For Elevated Installation >35' To 40', Add	61.28	
For Elevated Installation >40', Add	67.40	
For Work In Restricted Working Space, Add	36.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.77	
26 05 33 13-1406 EA 1 1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	40.28	8.38
For Elevated Installation >10' To 15', Add	1.68	
For Elevated Installation >15' To 20', Add	3.35	
For Elevated Installation >20' To 25', Add	4.19	
For Elevated Installation >25' To 30', Add	5.87	
For Elevated Installation >30' To 35', Add	6.71	
For Elevated Installation >35' To 40', Add	8.39	
For Elevated Installation >40', Add	9.22	
For Work In Restricted Working Space, Add	5.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.03	
26 05 33 13-1407 EA 3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.51	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.81	
26 05 33 13-1408 EA 1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	50.10	12.25
For Elevated Installation >10' To 15', Add	2.45	
For Elevated Installation >15' To 20', Add	4.90	
For Elevated Installation >20' To 25', Add	6.13	
For Elevated Installation >25' To 30', Add	8.58	
For Elevated Installation >30' To 35', Add	9.80	
For Elevated Installation >35' To 40', Add	12.26	
For Elevated Installation >40', Add	13.48	
For Work In Restricted Working Space, Add	7.35	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.35	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-1409	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	59.36	14.19
		<i>For Elevated Installation >10' To 15', Add</i>	2.84	
		<i>For Elevated Installation >15' To 20', Add</i>	5.68	
		<i>For Elevated Installation >20' To 25', Add</i>	7.10	
		<i>For Elevated Installation >25' To 30', Add</i>	9.93	
		<i>For Elevated Installation >30' To 35', Add</i>	11.35	
		<i>For Elevated Installation >35' To 40', Add</i>	14.19	
		<i>For Elevated Installation >40', Add</i>	15.61	
		<i>For Work In Restricted Working Space, Add</i>	8.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1410	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	64.75	16.13
		<i>For Elevated Installation >10' To 15', Add</i>	3.23	
		<i>For Elevated Installation >15' To 20', Add</i>	6.45	
		<i>For Elevated Installation >20' To 25', Add</i>	8.06	
		<i>For Elevated Installation >25' To 30', Add</i>	11.29	
		<i>For Elevated Installation >30' To 35', Add</i>	12.90	
		<i>For Elevated Installation >35' To 40', Add</i>	16.13	
		<i>For Elevated Installation >40', Add</i>	17.74	
		<i>For Work In Restricted Working Space, Add</i>	9.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1411	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	73.50	18.06
		<i>For Elevated Installation >10' To 15', Add</i>	3.61	
		<i>For Elevated Installation >15' To 20', Add</i>	7.22	
		<i>For Elevated Installation >20' To 25', Add</i>	9.03	
		<i>For Elevated Installation >25' To 30', Add</i>	12.64	
		<i>For Elevated Installation >30' To 35', Add</i>	14.45	
		<i>For Elevated Installation >35' To 40', Add</i>	18.06	
		<i>For Elevated Installation >40', Add</i>	19.87	
		<i>For Work In Restricted Working Space, Add</i>	10.84	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	
26 05 33 13-1412	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	115.79	21.93
		<i>For Elevated Installation >10' To 15', Add</i>	4.39	
		<i>For Elevated Installation >15' To 20', Add</i>	8.77	
		<i>For Elevated Installation >20' To 25', Add</i>	10.97	
		<i>For Elevated Installation >25' To 30', Add</i>	15.35	
		<i>For Elevated Installation >30' To 35', Add</i>	17.54	
		<i>For Elevated Installation >35' To 40', Add</i>	21.93	
		<i>For Elevated Installation >40', Add</i>	24.12	
		<i>For Work In Restricted Working Space, Add</i>	13.16	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.16	
26 05 33 13-1413	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	145.35	30.32
		<i>For Elevated Installation >10' To 15', Add</i>	6.06	
		<i>For Elevated Installation >15' To 20', Add</i>	12.13	
		<i>For Elevated Installation >20' To 25', Add</i>	15.16	
		<i>For Elevated Installation >25' To 30', Add</i>	21.22	
		<i>For Elevated Installation >30' To 35', Add</i>	24.25	
		<i>For Elevated Installation >35' To 40', Add</i>	30.32	
		<i>For Elevated Installation >40', Add</i>	33.35	
		<i>For Work In Restricted Working Space, Add</i>	18.19	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.19	
26 05 33 13-1414	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	162.51	34.19
		<i>For Elevated Installation >10' To 15', Add</i>	6.84	
		<i>For Elevated Installation >15' To 20', Add</i>	13.67	
		<i>For Elevated Installation >20' To 25', Add</i>	17.09	
		<i>For Elevated Installation >25' To 30', Add</i>	23.93	
		<i>For Elevated Installation >30' To 35', Add</i>	27.35	
		<i>For Elevated Installation >35' To 40', Add</i>	34.19	
		<i>For Elevated Installation >40', Add</i>	37.60	
		<i>For Work In Restricted Working Space, Add</i>	20.51	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.51	
26 05 33 13-1415	EA	4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	198.06	44.51
		<i>For Elevated Installation >10' To 15', Add</i>	8.90	
		<i>For Elevated Installation >15' To 20', Add</i>	17.80	
		<i>For Elevated Installation >20' To 25', Add</i>	22.25	
		<i>For Elevated Installation >25' To 30', Add</i>	31.15	
		<i>For Elevated Installation >30' To 35', Add</i>	35.60	
		<i>For Elevated Installation >35' To 40', Add</i>	44.51	
		<i>For Elevated Installation >40', Add</i>	48.96	
		<i>For Work In Restricted Working Space, Add</i>	26.70	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33 13-1416	EA	5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	291.24	61.28
		<i>For Elevated Installation >10' To 15', Add</i>	12.26	
		<i>For Elevated Installation >15' To 20', Add</i>	24.51	
		<i>For Elevated Installation >20' To 25', Add</i>	30.64	
		<i>For Elevated Installation >25' To 30', Add</i>	42.89	
		<i>For Elevated Installation >30' To 35', Add</i>	49.02	
		<i>For Elevated Installation >35' To 40', Add</i>	61.28	
		<i>For Elevated Installation >40', Add</i>	67.40	
		<i>For Work In Restricted Working Space, Add</i>	36.77	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1417 EA 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	41.22	8.38
<i>For Elevated Installation >10' To 15', Add</i>	1.68	
<i>For Elevated Installation >15' To 20', Add</i>	3.35	
<i>For Elevated Installation >20' To 25', Add</i>	4.19	
<i>For Elevated Installation >25' To 30', Add</i>	5.87	
<i>For Elevated Installation >30' To 35', Add</i>	6.71	
<i>For Elevated Installation >35' To 40', Add</i>	8.39	
<i>For Elevated Installation >40', Add</i>	9.22	
<i>For Work In Restricted Working Space, Add</i>	5.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.03	
26 05 33 13-1418 EA 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	44.43	9.68
<i>For Elevated Installation >10' To 15', Add</i>	1.94	
<i>For Elevated Installation >15' To 20', Add</i>	3.87	
<i>For Elevated Installation >20' To 25', Add</i>	4.84	
<i>For Elevated Installation >25' To 30', Add</i>	6.77	
<i>For Elevated Installation >30' To 35', Add</i>	7.74	
<i>For Elevated Installation >35' To 40', Add</i>	9.68	
<i>For Elevated Installation >40', Add</i>	10.64	
<i>For Work In Restricted Working Space, Add</i>	5.81	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33 13-1419 EA 1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	51.55	12.25
<i>For Elevated Installation >10' To 15', Add</i>	2.45	
<i>For Elevated Installation >15' To 20', Add</i>	4.90	
<i>For Elevated Installation >20' To 25', Add</i>	6.13	
<i>For Elevated Installation >25' To 30', Add</i>	8.58	
<i>For Elevated Installation >30' To 35', Add</i>	9.80	
<i>For Elevated Installation >35' To 40', Add</i>	12.26	
<i>For Elevated Installation >40', Add</i>	13.48	
<i>For Work In Restricted Working Space, Add</i>	7.35	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.35	
26 05 33 13-1420 EA 1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	59.67	14.19
<i>For Elevated Installation >10' To 15', Add</i>	2.84	
<i>For Elevated Installation >15' To 20', Add</i>	5.68	
<i>For Elevated Installation >20' To 25', Add</i>	7.10	
<i>For Elevated Installation >25' To 30', Add</i>	9.93	
<i>For Elevated Installation >30' To 35', Add</i>	11.35	
<i>For Elevated Installation >35' To 40', Add</i>	14.19	
<i>For Elevated Installation >40', Add</i>	15.61	
<i>For Work In Restricted Working Space, Add</i>	8.51	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1421 EA 1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	67.70	16.13
<i>For Elevated Installation >10' To 15', Add</i>	3.23	
<i>For Elevated Installation >15' To 20', Add</i>	6.45	
<i>For Elevated Installation >20' To 25', Add</i>	8.06	
<i>For Elevated Installation >25' To 30', Add</i>	11.29	
<i>For Elevated Installation >30' To 35', Add</i>	12.90	
<i>For Elevated Installation >35' To 40', Add</i>	16.13	
<i>For Elevated Installation >40', Add</i>	17.74	
<i>For Work In Restricted Working Space, Add</i>	9.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1422 EA 2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	80.70	18.06
<i>For Elevated Installation >10' To 15', Add</i>	3.61	
<i>For Elevated Installation >15' To 20', Add</i>	7.22	
<i>For Elevated Installation >20' To 25', Add</i>	9.03	
<i>For Elevated Installation >25' To 30', Add</i>	12.64	
<i>For Elevated Installation >30' To 35', Add</i>	14.45	
<i>For Elevated Installation >35' To 40', Add</i>	18.06	
<i>For Elevated Installation >40', Add</i>	19.87	
<i>For Work In Restricted Working Space, Add</i>	10.84	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	
26 05 33 13-1423 EA 2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	127.68	21.93
<i>For Elevated Installation >10' To 15', Add</i>	4.39	
<i>For Elevated Installation >15' To 20', Add</i>	8.77	
<i>For Elevated Installation >20' To 25', Add</i>	10.97	
<i>For Elevated Installation >25' To 30', Add</i>	15.35	
<i>For Elevated Installation >30' To 35', Add</i>	17.54	
<i>For Elevated Installation >35' To 40', Add</i>	21.93	
<i>For Elevated Installation >40', Add</i>	24.12	
<i>For Work In Restricted Working Space, Add</i>	13.16	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.16	
26 05 33 13-1424 EA 3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	159.36	30.32
<i>For Elevated Installation >10' To 15', Add</i>	6.06	
<i>For Elevated Installation >15' To 20', Add</i>	12.13	
<i>For Elevated Installation >20' To 25', Add</i>	15.16	
<i>For Elevated Installation >25' To 30', Add</i>	21.22	
<i>For Elevated Installation >30' To 35', Add</i>	24.25	
<i>For Elevated Installation >35' To 40', Add</i>	30.32	
<i>For Elevated Installation >40', Add</i>	33.35	
<i>For Work In Restricted Working Space, Add</i>	18.19	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.19	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1425	EA	3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	185.61	34.19
			<i>For Elevated Installation >10' To 15', Add</i>	6.84	
			<i>For Elevated Installation >15' To 20', Add</i>	13.67	
			<i>For Elevated Installation >20' To 25', Add</i>	17.09	
			<i>For Elevated Installation >25' To 30', Add</i>	23.93	
			<i>For Elevated Installation >30' To 35', Add</i>	27.35	
			<i>For Elevated Installation >35' To 40', Add</i>	34.19	
			<i>For Elevated Installation >40', Add</i>	37.60	
			<i>For Work In Restricted Working Space, Add</i>	20.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.51	
26 05 33	13-1426	EA	4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	221.43	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	
26 05 33	13-1427	EA	5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	307.18	61.28
			<i>For Elevated Installation >10' To 15', Add</i>	12.26	
			<i>For Elevated Installation >15' To 20', Add</i>	24.51	
			<i>For Elevated Installation >20' To 25', Add</i>	30.64	
			<i>For Elevated Installation >25' To 30', Add</i>	42.89	
			<i>For Elevated Installation >30' To 35', Add</i>	49.02	
			<i>For Elevated Installation >35' To 40', Add</i>	61.28	
			<i>For Elevated Installation >40', Add</i>	67.40	
			<i>For Work In Restricted Working Space, Add</i>	36.77	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.77	
26 05 33	13-1428	EA	1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	42.21	8.38
			<i>For Elevated Installation >10' To 15', Add</i>	1.68	
			<i>For Elevated Installation >15' To 20', Add</i>	3.35	
			<i>For Elevated Installation >20' To 25', Add</i>	4.19	
			<i>For Elevated Installation >25' To 30', Add</i>	5.87	
			<i>For Elevated Installation >30' To 35', Add</i>	6.71	
			<i>For Elevated Installation >35' To 40', Add</i>	8.39	
			<i>For Elevated Installation >40', Add</i>	9.22	
			<i>For Work In Restricted Working Space, Add</i>	5.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.03	
26 05 33	13-1429	EA	3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	45.40	9.68
			<i>For Elevated Installation >10' To 15', Add</i>	1.94	
			<i>For Elevated Installation >15' To 20', Add</i>	3.87	
			<i>For Elevated Installation >20' To 25', Add</i>	4.84	
			<i>For Elevated Installation >25' To 30', Add</i>	6.77	
			<i>For Elevated Installation >30' To 35', Add</i>	7.74	
			<i>For Elevated Installation >35' To 40', Add</i>	9.68	
			<i>For Elevated Installation >40', Add</i>	10.64	
			<i>For Work In Restricted Working Space, Add</i>	5.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.81	
26 05 33	13-1430	EA	1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	52.97	12.25
			<i>For Elevated Installation >10' To 15', Add</i>	2.45	
			<i>For Elevated Installation >15' To 20', Add</i>	4.90	
			<i>For Elevated Installation >20' To 25', Add</i>	6.13	
			<i>For Elevated Installation >25' To 30', Add</i>	8.58	
			<i>For Elevated Installation >30' To 35', Add</i>	9.80	
			<i>For Elevated Installation >35' To 40', Add</i>	12.26	
			<i>For Elevated Installation >40', Add</i>	13.48	
			<i>For Work In Restricted Working Space, Add</i>	7.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.35	
26 05 33	13-1431	EA	1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	64.02	14.19
			<i>For Elevated Installation >10' To 15', Add</i>	2.84	
			<i>For Elevated Installation >15' To 20', Add</i>	5.68	
			<i>For Elevated Installation >20' To 25', Add</i>	7.10	
			<i>For Elevated Installation >25' To 30', Add</i>	9.93	
			<i>For Elevated Installation >30' To 35', Add</i>	11.35	
			<i>For Elevated Installation >35' To 40', Add</i>	14.19	
			<i>For Elevated Installation >40', Add</i>	15.61	
			<i>For Work In Restricted Working Space, Add</i>	8.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33	13-1432	EA	1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	74.71	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1433 EA 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	91.29	18.06
For Elevated Installation >10' To 15', Add	3.61	
For Elevated Installation >15' To 20', Add	7.22	
For Elevated Installation >20' To 25', Add	9.03	
For Elevated Installation >25' To 30', Add	12.64	
For Elevated Installation >30' To 35', Add	14.45	
For Elevated Installation >35' To 40', Add	18.06	
For Elevated Installation >40', Add	19.87	
For Work In Restricted Working Space, Add	10.84	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	10.84	
26 05 33 13-1434 EA 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	140.25	21.93
For Elevated Installation >10' To 15', Add	4.39	
For Elevated Installation >15' To 20', Add	8.77	
For Elevated Installation >20' To 25', Add	10.97	
For Elevated Installation >25' To 30', Add	15.35	
For Elevated Installation >30' To 35', Add	17.54	
For Elevated Installation >35' To 40', Add	21.93	
For Elevated Installation >40', Add	24.12	
For Work In Restricted Working Space, Add	13.16	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.16	
26 05 33 13-1435 EA 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	177.32	30.32
For Elevated Installation >10' To 15', Add	6.06	
For Elevated Installation >15' To 20', Add	12.13	
For Elevated Installation >20' To 25', Add	15.16	
For Elevated Installation >25' To 30', Add	21.22	
For Elevated Installation >30' To 35', Add	24.25	
For Elevated Installation >35' To 40', Add	30.32	
For Elevated Installation >40', Add	33.35	
For Work In Restricted Working Space, Add	18.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.19	
26 05 33 13-1436 EA 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	209.87	34.19
For Elevated Installation >10' To 15', Add	6.84	
For Elevated Installation >15' To 20', Add	13.67	
For Elevated Installation >20' To 25', Add	17.09	
For Elevated Installation >25' To 30', Add	23.93	
For Elevated Installation >30' To 35', Add	27.35	
For Elevated Installation >35' To 40', Add	34.19	
For Elevated Installation >40', Add	37.60	
For Work In Restricted Working Space, Add	20.51	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.51	
26 05 33 13-1437 EA 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	262.31	44.51
For Elevated Installation >10' To 15', Add	8.90	
For Elevated Installation >15' To 20', Add	17.80	
For Elevated Installation >20' To 25', Add	22.25	
For Elevated Installation >25' To 30', Add	31.15	
For Elevated Installation >30' To 35', Add	35.60	
For Elevated Installation >35' To 40', Add	44.51	
For Elevated Installation >40', Add	48.96	
For Work In Restricted Working Space, Add	26.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.70	
26 05 33 13-1438 EA 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	339.01	61.28
For Elevated Installation >10' To 15', Add	12.26	
For Elevated Installation >15' To 20', Add	24.51	
For Elevated Installation >20' To 25', Add	30.64	
For Elevated Installation >25' To 30', Add	42.89	
For Elevated Installation >30' To 35', Add	49.02	
For Elevated Installation >35' To 40', Add	61.28	
For Elevated Installation >40', Add	67.40	
For Work In Restricted Working Space, Add	36.77	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.77	
26 05 33 13-1439 EA 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	43.23	8.38
For Elevated Installation >10' To 15', Add	1.68	
For Elevated Installation >15' To 20', Add	3.35	
For Elevated Installation >20' To 25', Add	4.19	
For Elevated Installation >25' To 30', Add	5.87	
For Elevated Installation >30' To 35', Add	6.71	
For Elevated Installation >35' To 40', Add	8.39	
For Elevated Installation >40', Add	9.22	
For Work In Restricted Working Space, Add	5.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.03	
26 05 33 13-1440 EA 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	46.53	9.68
For Elevated Installation >10' To 15', Add	1.94	
For Elevated Installation >15' To 20', Add	3.87	
For Elevated Installation >20' To 25', Add	4.84	
For Elevated Installation >25' To 30', Add	6.77	
For Elevated Installation >30' To 35', Add	7.74	
For Elevated Installation >35' To 40', Add	9.68	
For Elevated Installation >40', Add	10.64	
For Work In Restricted Working Space, Add	5.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.81	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1441	EA	1" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	56.60	12.25
			<i>For Elevated Installation >10' To 15', Add</i>	2.45	
			<i>For Elevated Installation >15' To 20', Add</i>	4.90	
			<i>For Elevated Installation >20' To 25', Add</i>	6.13	
			<i>For Elevated Installation >25' To 30', Add</i>	8.58	
			<i>For Elevated Installation >30' To 35', Add</i>	9.80	
			<i>For Elevated Installation >35' To 40', Add</i>	12.26	
			<i>For Elevated Installation >40', Add</i>	13.48	
			<i>For Work In Restricted Working Space, Add</i>	7.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.35	
26 05 33 13-1442	EA	1-1/4" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	71.17	14.19
			<i>For Elevated Installation >10' To 15', Add</i>	2.84	
			<i>For Elevated Installation >15' To 20', Add</i>	5.68	
			<i>For Elevated Installation >20' To 25', Add</i>	7.10	
			<i>For Elevated Installation >25' To 30', Add</i>	9.93	
			<i>For Elevated Installation >30' To 35', Add</i>	11.35	
			<i>For Elevated Installation >35' To 40', Add</i>	14.19	
			<i>For Elevated Installation >40', Add</i>	15.61	
			<i>For Work In Restricted Working Space, Add</i>	8.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.51	
26 05 33 13-1443	EA	1-1/2" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	83.19	16.13
			<i>For Elevated Installation >10' To 15', Add</i>	3.23	
			<i>For Elevated Installation >15' To 20', Add</i>	6.45	
			<i>For Elevated Installation >20' To 25', Add</i>	8.06	
			<i>For Elevated Installation >25' To 30', Add</i>	11.29	
			<i>For Elevated Installation >30' To 35', Add</i>	12.90	
			<i>For Elevated Installation >35' To 40', Add</i>	16.13	
			<i>For Elevated Installation >40', Add</i>	17.74	
			<i>For Work In Restricted Working Space, Add</i>	9.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.68	
26 05 33 13-1444	EA	2" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	99.79	18.06
			<i>For Elevated Installation >10' To 15', Add</i>	3.61	
			<i>For Elevated Installation >15' To 20', Add</i>	7.22	
			<i>For Elevated Installation >20' To 25', Add</i>	9.03	
			<i>For Elevated Installation >25' To 30', Add</i>	12.64	
			<i>For Elevated Installation >30' To 35', Add</i>	14.45	
			<i>For Elevated Installation >35' To 40', Add</i>	18.06	
			<i>For Elevated Installation >40', Add</i>	19.87	
			<i>For Work In Restricted Working Space, Add</i>	10.84	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.84	
26 05 33 13-1445	EA	2-1/2" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	157.02	21.93
			<i>For Elevated Installation >10' To 15', Add</i>	4.39	
			<i>For Elevated Installation >15' To 20', Add</i>	8.77	
			<i>For Elevated Installation >20' To 25', Add</i>	10.97	
			<i>For Elevated Installation >25' To 30', Add</i>	15.35	
			<i>For Elevated Installation >30' To 35', Add</i>	17.54	
			<i>For Elevated Installation >35' To 40', Add</i>	21.93	
			<i>For Elevated Installation >40', Add</i>	24.12	
			<i>For Work In Restricted Working Space, Add</i>	13.16	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.16	
26 05 33 13-1446	EA	3" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	204.23	30.32
			<i>For Elevated Installation >10' To 15', Add</i>	6.06	
			<i>For Elevated Installation >15' To 20', Add</i>	12.13	
			<i>For Elevated Installation >20' To 25', Add</i>	15.16	
			<i>For Elevated Installation >25' To 30', Add</i>	21.22	
			<i>For Elevated Installation >30' To 35', Add</i>	24.25	
			<i>For Elevated Installation >35' To 40', Add</i>	30.32	
			<i>For Elevated Installation >40', Add</i>	33.35	
			<i>For Work In Restricted Working Space, Add</i>	18.19	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.19	
26 05 33 13-1447	EA	3-1/2" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	224.76	34.19
			<i>For Elevated Installation >10' To 15', Add</i>	6.84	
			<i>For Elevated Installation >15' To 20', Add</i>	13.67	
			<i>For Elevated Installation >20' To 25', Add</i>	17.09	
			<i>For Elevated Installation >25' To 30', Add</i>	23.93	
			<i>For Elevated Installation >30' To 35', Add</i>	27.35	
			<i>For Elevated Installation >35' To 40', Add</i>	34.19	
			<i>For Elevated Installation >40', Add</i>	37.60	
			<i>For Work In Restricted Working Space, Add</i>	20.51	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.51	
26 05 33 13-1448	EA	4" x 12"	Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple	274.85	44.51
			<i>For Elevated Installation >10' To 15', Add</i>	8.90	
			<i>For Elevated Installation >15' To 20', Add</i>	17.80	
			<i>For Elevated Installation >20' To 25', Add</i>	22.25	
			<i>For Elevated Installation >25' To 30', Add</i>	31.15	
			<i>For Elevated Installation >30' To 35', Add</i>	35.60	
			<i>For Elevated Installation >35' To 40', Add</i>	44.51	
			<i>For Elevated Installation >40', Add</i>	48.96	
			<i>For Work In Restricted Working Space, Add</i>	26.70	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1449 EA 5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple.....	343.55	61.28
<i>For Elevated Installation >10' To 15', Add</i>	12.26	
<i>For Elevated Installation >15' To 20', Add</i>	24.51	
<i>For Elevated Installation >20' To 25', Add</i>	30.64	
<i>For Elevated Installation >25' To 30', Add</i>	42.89	
<i>For Elevated Installation >30' To 35', Add</i>	49.02	
<i>For Elevated Installation >35' To 40', Add</i>	61.28	
<i>For Elevated Installation >40', Add</i>	67.40	
<i>For Work In Restricted Working Space, Add</i>	36.77	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.77	
 26 05 33 13-1450 Aluminum Rigid Conduit (ARC) <small>(26 05 33 13-0059)</small>		
Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1451 Aluminum Rigid Conduit (ARC) With Threaded Coupling <small>(26 05 33 13-1450)</small>		
Note: Includes field bend conduit up to 1".		
26 05 33 13-1452 LF 1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	5.89	1.99
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.74	
<i>For Work In Restricted Working Space, Add</i>	1.49	
26 05 33 13-1453 LF 3/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	6.70	2.19
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.82	
<i>For Work In Restricted Working Space, Add</i>	1.64	
26 05 33 13-1454 LF 1" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	7.72	2.39
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.89	
<i>For Work In Restricted Working Space, Add</i>	1.79	
26 05 33 13-1455 LF 1-1/4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	8.75	2.58
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.97	
<i>For Work In Restricted Working Space, Add</i>	1.94	
26 05 33 13-1456 LF 1-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	9.81	2.78
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.04	
<i>For Work In Restricted Working Space, Add</i>	2.09	
26 05 33 13-1457 LF 2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	11.76	3.18
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.19	
<i>For Work In Restricted Working Space, Add</i>	2.38	
26 05 33 13-1458 LF 2-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	15.97	3.97
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.49	
<i>For Work In Restricted Working Space, Add</i>	2.98	
26 05 33 13-1459 LF 3" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	19.84	4.76
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	1.79	
<i>For Work In Restricted Working Space, Add</i>	3.57	
26 05 33 13-1460 LF 3-1/2" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	24.40	5.96
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.23	
<i>For Work In Restricted Working Space, Add</i>	4.46	
26 05 33 13-1461 LF 4" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	30.13	7.54
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	2.83	
<i>For Work In Restricted Working Space, Add</i>	5.66	
26 05 33 13-1462 LF 5" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	39.96	9.53
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	3.57	
<i>For Work In Restricted Working Space, Add</i>	7.15	
26 05 33 13-1463 LF 6" Aluminum Rigid Conduit (ARC) With Threaded Coupling.....	51.02	11.90
<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	4.47	
<i>For Work In Restricted Working Space, Add</i>	8.93	
 26 05 33 13-1464 Aluminum 90 Degree Elbows <small>(26 05 33 13-1450)</small>		
26 05 33 13-1465 EA 1" Aluminum 90 Degree Elbow.....	35.63	10.32
<i>For Work In Restricted Working Space, Add</i>	7.74	
26 05 33 13-1466 EA 1-1/4" Aluminum 90 Degree Elbow.....	44.89	11.71
<i>For Work In Restricted Working Space, Add</i>	8.78	
26 05 33 13-1467 EA 1-1/2" Aluminum 90 Degree Elbow.....	54.54	13.50
<i>For Work In Restricted Working Space, Add</i>	10.13	
26 05 33 13-1468 EA 2" Aluminum 90 Degree Elbow.....	69.30	15.48
<i>For Work In Restricted Working Space, Add</i>	11.61	
26 05 33 13-1469 EA 2-1/2" Aluminum 90 Degree Elbow.....	98.71	18.85
<i>For Work In Restricted Working Space, Add</i>	14.14	
26 05 33 13-1470 EA 3" Aluminum 90 Degree Elbow.....	140.69	24.41
<i>For Work In Restricted Working Space, Add</i>	18.31	
26 05 33 13-1471 EA 3-1/2" Aluminum 90 Degree Elbow.....	192.72	27.39
<i>For Work In Restricted Working Space, Add</i>	20.54	
26 05 33 13-1472 EA 4" Aluminum 90 Degree Elbow.....	233.16	34.34
<i>For Work In Restricted Working Space, Add</i>	25.75	
26 05 33 13-1473 EA 5" Aluminum 90 Degree Elbow.....	575.53	55.97
<i>For Work In Restricted Working Space, Add</i>	41.98	
26 05 33 13-1474 EA 6" Aluminum 90 Degree Elbow.....	813.08	84.15
<i>For Work In Restricted Working Space, Add</i>	63.12	
 26 05 33 13-1475 Aluminum Bushing Set With Locknut <small>(26 05 33 13-1450)</small>		
26 05 33 13-1476 EA 1/2" Aluminum Bushing Set With Locknut.....	10.68	3.97
<i>For Work In Restricted Working Space, Add</i>	2.98	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.98	
26 05 33 13-1477 EA 3/4" Aluminum Bushing Set With Locknut.....	15.91	5.16
<i>For Work In Restricted Working Space, Add</i>	3.87	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1478	EA	1" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.35 4.76 4.76	6.35
26 05 33	13-1479	EA	1-1/4" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.40 5.36 5.36	7.14
26 05 33	13-1480	EA	1-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.52 6.55 6.55	8.73
26 05 33	13-1481	EA	2" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.43 7.89 7.89	10.52
26 05 33	13-1482	EA	2-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.59 9.38 9.38	12.51
26 05 33	13-1483	EA	3" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.17 10.72 10.72	14.29
26 05 33	13-1484	EA	3-1/2" Aluminum Bushing Set With Locknut <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.37 11.61 11.61	15.48
26 05 33	13-1485	EA	4" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.09 12.50 12.50	16.67
26 05 33	13-1486	EA	5" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.10 16.67 16.67	22.23
26 05 33	13-1487	EA	6" Aluminum Bushing Set With Locknut..... <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.94 25.01 25.01	33.34
26 05 33	13-1488		Schedule 40 Polyvinyl Chloride (PVC) Conduit <small>(26 05 33 13-0059)</small> Note: Exposed installation, branch and feeder conduit. Excludes supporting strap, hanger and fastening.		
26 05 33	13-1489		Schedule 40 Polyvinyl Chloride (PVC) Conduit With Glued Couplings <small>(26 05 33 13-1488)</small> Note: Includes field bend conduit up to 1".		
26 05 33	13-1490	LF	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	4.82 0.73 0.44	1.53
26 05 33	13-1491	LF	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	5.52 0.88 0.54	1.68
26 05 33	13-1492	LF	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	6.87 1.18 0.74	1.96
26 05 33	13-1493	LF	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	8.23 1.48 0.94	2.24
26 05 33	13-1494	LF	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	9.68 1.75 1.11	2.61
26 05 33	13-1495	LF	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	11.62 2.20 1.41	3.00
26 05 33	13-1496	LF	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	15.49 3.20 2.09	3.56
26 05 33	13-1497	LF	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	18.15 3.78 2.48	4.12
26 05 33	13-1498	LF	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	22.21 4.74 3.12	4.86
26 05 33	13-1499	LF	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	26.01 5.36 3.51	5.98
26 05 33	13-1500	LF	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	37.15 7.74 5.08	8.42
26 05 33	13-1501	LF	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	49.32 10.25 6.72	11.22
26 05 33	13-1502		Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows <small>(26 05 33 13-1488)</small> See CSI section 26 05 33 13-2329 for conduit field bending.		
26 05 33	13-1503	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending. <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	20.09 2.35 1.28	7.48
26 05 33	13-1504	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow See CSI section 26 05 33 13-2329 for conduit field bending. <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	22.23 2.64 1.44	8.23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1505 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	25.96	9.35
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	3.24	
For Schedule 60, Add	1.82	
26 05 33 13-1506 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	33.67	11.97
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	4.30	
For Schedule 60, Add	2.43	
26 05 33 13-1507 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	42.48	14.96
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	5.52	
For Schedule 60, Add	3.14	
26 05 33 13-1508 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	53.78	18.71
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	7.14	
For Schedule 60, Add	4.10	
26 05 33 13-1509 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	68.51	22.44
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	9.95	
For Schedule 60, Add	5.91	
26 05 33 13-1510 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	85.70	26.18
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	13.63	
For Schedule 60, Add	8.33	
26 05 33 13-1511 EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	107.61	31.79
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	17.79	
For Schedule 60, Add	11.01	
26 05 33 13-1512 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	129.70	37.40
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	22.02	
For Schedule 60, Add	13.72	
26 05 33 13-1513 EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	180.72	46.75
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	34.03	
For Schedule 60, Add	21.80	
26 05 33 13-1514 EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow.....	221.63	56.11
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	42.51	
For Schedule 60, Add	27.36	
26 05 33 13-1515 Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows (26 05 33 13-1488)		
See CSI section 26 05 33 13-2329 for conduit field bending.		
26 05 33 13-1516 EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	20.09	7.48
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	2.35	
For Schedule 60, Add	1.28	
26 05 33 13-1517 EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	22.13	8.23
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	2.60	
For Schedule 60, Add	1.42	
26 05 33 13-1518 EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	25.83	9.35
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	3.20	
For Schedule 60, Add	1.78	
26 05 33 13-1519 EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	33.27	11.97
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	4.16	
For Schedule 60, Add	2.33	
26 05 33 13-1520 EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	41.58	14.96
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	5.20	
For Schedule 60, Add	2.92	
26 05 33 13-1521 EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	53.30	18.71
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	6.97	
For Schedule 60, Add	3.98	
26 05 33 13-1522 EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	67.61	22.44
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	9.64	
For Schedule 60, Add	5.68	
26 05 33 13-1523 EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	84.56	26.18
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	13.23	
For Schedule 60, Add	8.05	
26 05 33 13-1524 EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	104.42	31.79
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	16.68	
For Schedule 60, Add	10.21	
26 05 33 13-1525 EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow.....	126.96	37.40
See CSI section 26 05 33 13-2329 for conduit field bending.		
For Schedule 80, Add	21.06	
For Schedule 60, Add	13.04	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1526	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2329 for conduit field bending. <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	177.16 32.79 20.91	46.75
26 05 33	13-1527	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow..... See CSI section 26 05 33 13-2329 for conduit field bending. <i>For Schedule 80, Add</i> <i>For Schedule 60, Add</i>	211.05 38.80 24.71	56.11
26 05 33 13-1528 Schedule 40 Polyvinyl Chloride (PVC) Conduit 18" Large Radius Elbow <small>(26 05)</small>					
26 05 33	13-1529	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	77.60 14.91	24.51
26 05 33	13-1530	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	90.95 17.64	28.38
26 05 33	13-1531	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	102.96 19.91	32.25
26 05 33	13-1532	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	122.48 25.13	35.48
26 05 33	13-1533	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	161.15 34.15	44.51
26 05 33	13-1534	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	210.40 43.32	60.63
26 05 33	13-1535	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	253.59 54.57	68.37
26 05 33	13-1536	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 18" Large Radius Elbow <i>For Schedule 80, Add</i>	303.34 61.66	89.01
26 05 33 13-1537 Schedule 40 Polyvinyl Chloride (PVC) Conduit 24" Large Radius Elbow <small>(26 05)</small>					
26 05 33	13-1538	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	82.85 16.74	24.51
26 05 33	13-1539	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	103.58 22.06	28.38
26 05 33	13-1540	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	121.04 26.24	32.25
26 05 33	13-1541	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	131.43 28.26	35.48
26 05 33	13-1542	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	188.73 43.80	44.51
26 05 33	13-1543	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	250.51 57.36	60.63
26 05 33	13-1544	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	278.28 63.21	68.37
26 05 33	13-1545	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 24" Large Radius Elbow <i>For Schedule 80, Add</i>	333.23 72.12	89.01
26 05 33 13-1546 Schedule 40 Polyvinyl Chloride (PVC) Conduit 30" Large Radius Elbow <small>(26 05)</small>					
26 05 33	13-1547	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	97.00 21.70	24.51
26 05 33	13-1548	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	109.51 24.14	28.38
26 05 33	13-1549	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	124.52 27.46	32.25
26 05 33	13-1550	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	148.31 34.17	35.48
26 05 33	13-1551	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	199.00 47.40	44.51
26 05 33	13-1552	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	259.13 60.38	60.63
26 05 33	13-1553	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	311.15 74.72	68.37
26 05 33	13-1554	EA	4" Schedule 40, Polyvinyl Chloride (PVC), 30" Large Radius Elbow <i>For Schedule 80, Add</i>	362.75 82.46	89.01
26 05 33 13-1555 Schedule 40 Polyvinyl Chloride (PVC) Conduit 36" Large Radius Elbow <small>(26 05)</small>					
26 05 33	13-1556	EA	1" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	99.89 22.71	24.51
26 05 33	13-1557	EA	1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	127.05 30.28	28.38
26 05 33	13-1558	EA	1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	138.44 32.33	32.25
26 05 33	13-1559	EA	2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	148.93 34.39	35.48
26 05 33	13-1560	EA	2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	221.63 55.32	44.51
26 05 33	13-1561	EA	3" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	309.84 78.13	60.63
26 05 33	13-1562	EA	3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	357.33 90.88	68.37

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1563 EA 4" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	417.44 101.60	89.01
26 05 33 13-1564 EA 5" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	667.91 161.20	144.89
26 05 33 13-1565 EA 6" Schedule 40, Polyvinyl Chloride (PVC), 36" Large Radius Elbow <i>For Schedule 80, Add</i>	977.74 233.20	218.32
26 05 33 13-1566 Schedule 40 Polyvinyl Chloride (PVC) Conduit 48" Large Radius Elbow <small>(26 05 33 13-1488)</small>		
26 05 33 13-1567 EA 1" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	110.98 26.59	24.51
26 05 33 13-1568 EA 1-1/4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	130.02 31.32	28.38
26 05 33 13-1569 EA 1-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	147.37 35.45	32.25
26 05 33 13-1570 EA 2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	179.77 45.18	35.48
26 05 33 13-1571 EA 2-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	243.73 63.05	44.51
26 05 33 13-1572 EA 3" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	346.12 90.82	60.63
26 05 33 13-1573 EA 3-1/2" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	392.02 103.02	68.37
26 05 33 13-1574 EA 4" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	477.64 122.67	89.01
26 05 33 13-1575 EA 5" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	703.13 173.53	144.89
26 05 33 13-1576 EA 6" Schedule 40, Polyvinyl Chloride (PVC), 48" Large Radius Elbow <i>For Schedule 80, Add</i>	1,006.25 243.18	218.32
26 05 33 13-1577 Polyvinyl Chloride (PVC) Conduit Female Adapters <small>(26 05 33 13-1488)</small>		
26 05 33 13-1578 EA 1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.74 3.93	5.24
26 05 33 13-1579 EA 3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.83 4.49	5.98
26 05 33 13-1580 EA 1" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.02 5.05	6.73
26 05 33 13-1581 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.35 5.61	7.48
26 05 33 13-1582 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.16 7.01	9.35
26 05 33 13-1583 EA 2" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.60 8.42	11.22
26 05 33 13-1584 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.08 11.22	14.96
26 05 33 13-1585 EA 3" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.12 14.03	18.71
26 05 33 13-1586 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.87 18.23	24.32
26 05 33 13-1587 EA 4" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.26 22.44	29.93
26 05 33 13-1588 EA 5" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.60 28.05	37.40
26 05 33 13-1589 EA 6" Polyvinyl Chloride (PVC) Conduit Female Adapter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	137.51 35.06	46.75
26 05 33 13-1590 Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug <small>(26 05 33 13-1488)</small>		
26 05 33 13-1591 EA 1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.39 3.37	4.49
26 05 33 13-1592 EA 3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.64 3.93	5.24
26 05 33 13-1593 EA 1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.91 4.49	5.98
26 05 33 13-1594 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.99 5.05	6.73
26 05 33 13-1595 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.88 5.61	7.48
26 05 33 13-1596 EA 2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.58 6.45	8.61
26 05 33 13-1597 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.55 7.30	9.73
26 05 33 13-1598 EA 3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.45 8.42	11.22
26 05 33 13-1599 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.35 9.92	13.10
26 05 33 13-1600 EA 4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.41 11.22	14.96
26 05 33 13-1601 EA 5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.68 12.62	16.83
26 05 33 13-1602 EA 6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	79.58 14.03	18.71

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1603		Polyvinyl Chloride (PVC) Conduit Terminal Adapters (26 05 33 13-1488)		
26 05 33	13-1604	EA	1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.92 4.32	
26 05 33	13-1605	EA	3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.11 5.17	
26 05 33	13-1606	EA	1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.20 5.75	
26 05 33	13-1607	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.72 6.40	
26 05 33	13-1608	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.94 7.01	9.35
26 05 33	13-1609	EA	2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.30 8.42	11.22
26 05 33	13-1610	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.48 11.22	14.96
26 05 33	13-1611	EA	3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	52.28 14.03	18.71
26 05 33	13-1612	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.79 18.23	24.32
26 05 33	13-1613	EA	4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.15 22.44	29.93
26 05 33	13-1614	EA	5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.41 28.05	37.40
26 05 33	13-1615	EA	6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	134.89 35.06	46.75
26 05 33	13-1616		Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover (26 05 33 13-1488)		
26 05 33	13-1617	EA	1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.31 11.22	14.96
26 05 33	13-1618	EA	3/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.45 12.62	16.83
26 05 33	13-1619	EA	1" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.02 14.03	18.71
26 05 33	13-1620	EA	1-1/4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.34 16.83	22.44
26 05 33	13-1621	EA	1-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.63 21.04	28.05
26 05 33	13-1622	EA	2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.63 25.25	33.66
26 05 33	13-1623	EA	2-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	196.44 28.05	37.40
26 05 33	13-1624	EA	3" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.38 30.86	41.14
26 05 33	13-1625	EA	3-1/2" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	226.98 35.06	46.75
26 05 33	13-1626	EA	4" Polyvinyl Chloride (PVC) Type C, LB, LR Or LL, Two Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	252.89 40.68	54.23
26 05 33	13-1627		Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover (26 05 33 13-1488)		
26 05 33	13-1628	EA	1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.49 14.89	19.85
26 05 33	13-1629	EA	3/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.46 16.37	21.83
26 05 33	13-1630	EA	1" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.64 17.86	23.82
26 05 33	13-1631	EA	1-1/4" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	87.69 20.84	27.79
26 05 33	13-1632	EA	1-1/2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	105.88 25.31	33.75
26 05 33	13-1633	EA	2" Polyvinyl Chloride (PVC) Type T, Three Hub Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.72 29.77	39.69
26 05 33	13-1634		Polyvinyl Chloride (PVC) Conduit Expansion Joint (26 05 33 13-1488)		
26 05 33	13-1635	EA	1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	97.23	18.71
26 05 33	13-1636	EA	3/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	107.87	22.44
26 05 33	13-1637	EA	1" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	119.26	26.18
26 05 33	13-1638	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	129.89	29.93
26 05 33	13-1639	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	140.23	33.66
26 05 33	13-1640	EA	2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	152.99	37.40
26 05 33	13-1641	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	187.95	43.01
26 05 33	13-1642	EA	3" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	225.90	48.62
26 05 33	13-1643	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	264.63	56.11
26 05 33	13-1644	EA	4" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	315.16	65.46
26 05 33	13-1645	EA	5" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	418.93	78.55
26 05 33	13-1646	EA	6" Polyvinyl Chloride (PVC) Conduit Expansion Joint.....	551.44	100.99
26 05 33	13-1647		Polyvinyl Chloride (PVC) Conduit End Caps (26 05 33 13-1488)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1648 EA 1/2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.00 2.81	3.74
26 05 33 13-1649 EA 3/4" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.18 3.37	4.49
26 05 33 13-1650 EA 1" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.30 3.93	5.24
26 05 33 13-1651 EA 1-1/4" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.56 4.49	5.98
26 05 33 13-1652 EA 1-1/2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.88 5.05	6.73
26 05 33 13-1653 EA 2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27.16 5.61	7.48
26 05 33 13-1654 EA 2-1/2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.41 6.45	8.61
26 05 33 13-1655 EA 3" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43.07 7.30	9.73
26 05 33 13-1656 EA 3-1/2" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55.53 8.14	10.85
26 05 33 13-1657 EA 4" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.65 8.70	11.59
26 05 33 13-1658 EA 5" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	78.81 9.82	13.10
26 05 33 13-1659 EA 6" Polyvinyl Chloride (PVC) Conduit End Cap <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	100.18 11.22	14.96
26 05 33 13-1660 Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) <small>(26 05 33 13-1488)</small>		
26 05 33 13-1661 EA 2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways EZLB200) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	121.03 25.25	33.66
26 05 33 13-1662 EA 3/4" To 1-1/4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB121) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	130.57 16.83	22.44
26 05 33 13-1663 EA 1-1/2" To 2-1/2" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB251) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	321.76 28.05	37.40
26 05 33 13-1664 EA 3" To 4" Polyvinyl Chloride (PVC) Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB401) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	632.25 40.68	54.23
26 05 33 13-1665 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-0059)</small> Note: Exposed installation. Excludes supporting strap, hanger and fastening.		
26 05 33 13-1666 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-1665)</small>		
26 05 33 13-1667 LF 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	9.72	1.53
26 05 33 13-1668 LF 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	10.84	1.68
26 05 33 13-1669 LF 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	11.93	1.94
26 05 33 13-1670 LF 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	13.01	2.24
26 05 33 13-1671 LF 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	14.54	2.61
26 05 33 13-1672 LF 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	15.70	3.00
26 05 33 13-1673 LF 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	18.73	3.56
26 05 33 13-1674 LF 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	22.10	4.12
26 05 33 13-1675 LF 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	25.44	4.86
26 05 33 13-1676 LF 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	29.72	5.98
26 05 33 13-1677 LF 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	39.48	8.42
26 05 33 13-1678 LF 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit	51.11	11.22
26 05 33 13-1679 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1665)</small>		
26 05 33 13-1680 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	127.66 9.11 12.77 16.43	7.48
26 05 33 13-1681 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	142.55 10.18 14.26 18.33	8.23
26 05 33 13-1682 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	146.59 10.41 14.66 18.91	9.35
26 05 33 13-1683 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	154.35 10.83 15.44 20.04	11.97
26 05 33 13-1684 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows <i>For 24" Radius, Add</i> <i>For 36" Radius, Add</i> <i>For 48" Radius, Add</i>	163.06 11.29 16.31 21.32	14.96

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1685	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	189.74	18.71
			<i>For 24" Radius, Add</i>	13.06	
			<i>For 36" Radius, Add</i>	18.97	
			<i>For 48" Radius, Add</i>	24.89	
26 05 33	13-1686	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	227.25	22.44
			<i>For 24" Radius, Add</i>	15.64	
			<i>For 36" Radius, Add</i>	22.73	
			<i>For 48" Radius, Add</i>	29.81	
26 05 33	13-1687	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	270.83	26.18
			<i>For 24" Radius, Add</i>	18.68	
			<i>For 36" Radius, Add</i>	27.08	
			<i>For 48" Radius, Add</i>	35.49	
26 05 33	13-1688	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	310.52	31.79
			<i>For 24" Radius, Add</i>	21.30	
			<i>For 36" Radius, Add</i>	31.05	
			<i>For 48" Radius, Add</i>	40.80	
26 05 33	13-1689	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	350.22	37.40
			<i>For 24" Radius, Add</i>	23.93	
			<i>For 36" Radius, Add</i>	35.02	
			<i>For 48" Radius, Add</i>	46.12	
26 05 33	13-1690	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	437.77	46.75
			<i>For 24" Radius, Add</i>	29.91	
			<i>For 36" Radius, Add</i>	43.78	
			<i>For 48" Radius, Add</i>	57.64	
26 05 33	13-1691	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows	541.37	56.11
			<i>For 24" Radius, Add</i>	37.10	
			<i>For 36" Radius, Add</i>	54.14	
			<i>For 48" Radius, Add</i>	71.18	
26 05 33	13-1692		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1665)</small>		
26 05 33	13-1693	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	108.05	7.48
			<i>For 24" Radius, Add</i>	7.64	
			<i>For 36" Radius, Add</i>	10.81	
			<i>For 48" Radius, Add</i>	13.97	
26 05 33	13-1694	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	120.59	8.23
			<i>For 24" Radius, Add</i>	8.53	
			<i>For 36" Radius, Add</i>	12.06	
			<i>For 48" Radius, Add</i>	15.59	
26 05 33	13-1695	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	124.41	9.35
			<i>For 24" Radius, Add</i>	8.75	
			<i>For 36" Radius, Add</i>	12.44	
			<i>For 48" Radius, Add</i>	16.14	
26 05 33	13-1696	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	131.96	11.97
			<i>For 24" Radius, Add</i>	9.15	
			<i>For 36" Radius, Add</i>	13.20	
			<i>For 48" Radius, Add</i>	17.24	
26 05 33	13-1697	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	140.44	14.96
			<i>For 24" Radius, Add</i>	9.60	
			<i>For 36" Radius, Add</i>	14.04	
			<i>For 48" Radius, Add</i>	18.49	
26 05 33	13-1698	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	164.00	18.71
			<i>For 24" Radius, Add</i>	11.13	
			<i>For 36" Radius, Add</i>	16.40	
			<i>For 48" Radius, Add</i>	21.67	
26 05 33	13-1699	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	196.45	22.44
			<i>For 24" Radius, Add</i>	13.33	
			<i>For 36" Radius, Add</i>	19.65	
			<i>For 48" Radius, Add</i>	25.96	
26 05 33	13-1700	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	233.86	26.18
			<i>For 24" Radius, Add</i>	15.90	
			<i>For 36" Radius, Add</i>	23.39	
			<i>For 48" Radius, Add</i>	30.87	
26 05 33	13-1701	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	268.93	31.79
			<i>For 24" Radius, Add</i>	18.18	
			<i>For 36" Radius, Add</i>	26.89	
			<i>For 48" Radius, Add</i>	35.60	
26 05 33	13-1702	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	304.01	37.40
			<i>For 24" Radius, Add</i>	20.46	
			<i>For 36" Radius, Add</i>	30.40	
			<i>For 48" Radius, Add</i>	40.34	
26 05 33	13-1703	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	380.01	46.75
			<i>For 24" Radius, Add</i>	25.58	
			<i>For 36" Radius, Add</i>	38.00	
			<i>For 48" Radius, Add</i>	50.42	
26 05 33	13-1704	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 45 Degree Elbow, 12" Large Radius Elbows	469.17	56.11
			<i>For 24" Radius, Add</i>	31.68	
			<i>For 36" Radius, Add</i>	46.92	
			<i>For 48" Radius, Add</i>	62.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1705 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1665)</small>		
26 05 33 13-1706 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	100.72	6.73
<i>For 24" Radius, Add</i>	7.13	
<i>For 36" Radius, Add</i>	10.07	
<i>For 48" Radius, Add</i>	13.01	
26 05 33 13-1707 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	112.44	7.40
<i>For 24" Radius, Add</i>	7.97	
<i>For 36" Radius, Add</i>	11.24	
<i>For 48" Radius, Add</i>	14.52	
26 05 33 13-1708 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	115.92	8.42
<i>For 24" Radius, Add</i>	8.17	
<i>For 36" Radius, Add</i>	11.59	
<i>For 48" Radius, Add</i>	15.02	
26 05 33 13-1709 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	122.73	10.77
<i>For 24" Radius, Add</i>	8.53	
<i>For 36" Radius, Add</i>	12.27	
<i>For 48" Radius, Add</i>	16.01	
26 05 33 13-1710 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	130.42	13.47
<i>For 24" Radius, Add</i>	8.94	
<i>For 36" Radius, Add</i>	13.04	
<i>For 48" Radius, Add</i>	17.14	
26 05 33 13-1711 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	152.18	16.83
<i>For 24" Radius, Add</i>	10.36	
<i>For 36" Radius, Add</i>	15.22	
<i>For 48" Radius, Add</i>	20.07	
26 05 33 13-1712 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	182.28	20.20
<i>For 24" Radius, Add</i>	12.41	
<i>For 36" Radius, Add</i>	18.23	
<i>For 48" Radius, Add</i>	24.05	
26 05 33 13-1713 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	217.04	23.57
<i>For 24" Radius, Add</i>	14.81	
<i>For 36" Radius, Add</i>	21.70	
<i>For 48" Radius, Add</i>	28.60	
26 05 33 13-1714 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	249.44	28.61
<i>For 24" Radius, Add</i>	16.92	
<i>For 36" Radius, Add</i>	24.94	
<i>For 48" Radius, Add</i>	32.97	
26 05 33 13-1715 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	281.83	33.66
<i>For 24" Radius, Add</i>	19.03	
<i>For 36" Radius, Add</i>	28.18	
<i>For 48" Radius, Add</i>	37.33	
26 05 33 13-1716 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	352.29	42.08
<i>For 24" Radius, Add</i>	23.79	
<i>For 36" Radius, Add</i>	35.23	
<i>For 48" Radius, Add</i>	46.67	
26 05 33 13-1717 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 30 Degree Elbow, 12" Large Radius Elbows	435.09	50.50
<i>For 24" Radius, Add</i>	29.48	
<i>For 36" Radius, Add</i>	43.51	
<i>For 48" Radius, Add</i>	57.54	
26 05 33 13-1718 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-1665)</small>		
26 05 33 13-1719 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	95.28	6.73
<i>For 24" Radius, Add</i>	6.73	
<i>For 36" Radius, Add</i>	9.53	
<i>For 48" Radius, Add</i>	12.33	
26 05 33 13-1720 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	106.35	7.40
<i>For 24" Radius, Add</i>	7.51	
<i>For 36" Radius, Add</i>	10.64	
<i>For 48" Radius, Add</i>	13.76	
26 05 33 13-1721 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	109.76	8.42
<i>For 24" Radius, Add</i>	7.71	
<i>For 36" Radius, Add</i>	10.98	
<i>For 48" Radius, Add</i>	14.25	
26 05 33 13-1722 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	116.51	10.77
<i>For 24" Radius, Add</i>	8.07	
<i>For 36" Radius, Add</i>	11.65	
<i>For 48" Radius, Add</i>	15.24	
26 05 33 13-1723 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows	124.13	13.47
<i>For 24" Radius, Add</i>	8.47	
<i>For 36" Radius, Add</i>	12.41	
<i>For 48" Radius, Add</i>	16.36	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1724	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	145.03	16.83
			For 24" Radius, Add	9.83	
			For 36" Radius, Add	14.50	
			For 48" Radius, Add	19.18	
26 05 33 13-1725	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	173.72	20.20
			For 24" Radius, Add	11.77	
			For 36" Radius, Add	17.37	
			For 48" Radius, Add	22.98	
26 05 33 13-1726	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	206.78	23.57
			For 24" Radius, Add	14.04	
			For 36" Radius, Add	20.68	
			For 48" Radius, Add	27.32	
26 05 33 13-1727	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	237.89	28.61
			For 24" Radius, Add	16.05	
			For 36" Radius, Add	23.79	
			For 48" Radius, Add	31.52	
26 05 33 13-1728	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	268.99	33.66
			For 24" Radius, Add	18.07	
			For 36" Radius, Add	26.90	
			For 48" Radius, Add	35.73	
26 05 33 13-1729	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	336.24	42.08
			For 24" Radius, Add	22.59	
			For 36" Radius, Add	33.62	
			For 48" Radius, Add	44.66	
26 05 33 13-1730	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 22-1/2 Degree Elbow, 12" Large Radius Elbows.....	415.03	50.50
			For 24" Radius, Add	27.97	
			For 36" Radius, Add	41.50	
			For 48" Radius, Add	55.03	
26 05 33 13-1731			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings <small>(26 05 33 13-1665)</small>		
26 05 33 13-1732	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	58.21	5.24
26 05 33 13-1733	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	65.23	5.98
26 05 33 13-1734	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	67.62	6.73
26 05 33 13-1735	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	69.92	7.48
26 05 33 13-1736	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	75.61	9.35
26 05 33 13-1737	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	90.26	11.22
26 05 33 13-1738	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	112.27	14.96
26 05 33 13-1739	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	136.60	18.71
26 05 33 13-1740	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	161.86	24.32
26 05 33 13-1741	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	187.11	29.93
26 05 33 13-1742	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	233.89	37.40
26 05 33 13-1743	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling.....	292.30	46.75
26 05 33 13-1744			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings <small>(26 05 33 13-1665)</small>		
26 05 33 13-1745	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	38.55	5.24
26 05 33 13-1746	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	43.24	5.98
26 05 33 13-1747	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	45.41	6.73
26 05 33 13-1748	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	47.59	7.48
26 05 33 13-1749	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	52.55	9.35
26 05 33 13-1750	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	57.40	11.22
26 05 33 13-1751	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	72.61	14.96
26 05 33 13-1752	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	89.02	18.71
26 05 33 13-1753	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	108.34	24.32
26 05 33 13-1754	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	127.64	29.93
26 05 33 13-1755	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	159.61	37.40
26 05 33 13-1756	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling.....	199.45	46.75
26 05 33 13-1757			Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings <small>(26 05 33 13-1665)</small>		
26 05 33 13-1758	EA		1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	44.74	4.30
26 05 33 13-1759	EA		3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	50.13	5.98
26 05 33 13-1760	EA		1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	52.38	6.73
26 05 33 13-1761	EA		1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	54.48	7.48
26 05 33 13-1762	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	59.95	9.35
26 05 33 13-1763	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	71.61	11.22
26 05 33 13-1764	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	89.64	14.96
26 05 33 13-1765	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	109.43	18.71
26 05 33 13-1766	EA		3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	131.29	24.32
26 05 33 13-1767	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	153.14	29.93
26 05 33 13-1768	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	191.40	37.40
26 05 33 13-1769	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling.....	239.29	46.75

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1770 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints (26 05 33 13-1665)

26 05 33 13-1771	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	81.62	18.71
26 05 33 13-1772	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	94.79	22.44
26 05 33 13-1773	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	104.57	26.18
26 05 33 13-1774	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	114.16	29.93
26 05 33 13-1775	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	124.42	33.66
26 05 33 13-1776	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	141.43	37.40
26 05 33 13-1777	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	165.05	43.01
26 05 33 13-1778	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	190.57	48.62
26 05 33 13-1779	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	217.89	56.11
26 05 33 13-1780	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	249.90	65.46
26 05 33 13-1781	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	294.84	74.80
26 05 33 13-1782	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint.....	345.17	84.16

26 05 33 13-1783 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints (26 05 33 13-1665)

26 05 33 13-1784	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	95.78	18.71
26 05 33 13-1785	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	110.66	22.44
26 05 33 13-1786	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	120.53	26.18
26 05 33 13-1787	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	130.29	29.93
26 05 33 13-1788	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	140.68	33.66
26 05 33 13-1789	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	160.00	37.40
26 05 33 13-1790	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	187.33	43.01
26 05 33 13-1791	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	217.31	48.62
26 05 33 13-1792	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	247.99	56.11
26 05 33 13-1793	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	283.35	65.46
26 05 33 13-1794	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	336.77	74.80
26 05 33 13-1795	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint.....	397.58	84.16

26 05 33 13-1796 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters (26 05 33 13-1665)

26 05 33 13-1797	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	129.68	5.24
26 05 33 13-1798	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	144.47	5.98
26 05 33 13-1799	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	150.32	6.73
26 05 33 13-1800	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	156.35	7.48
26 05 33 13-1801	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	163.15	9.35
26 05 33 13-1802	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	181.13	11.22
26 05 33 13-1803	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	221.12	14.96
26 05 33 13-1804	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	267.09	18.71
26 05 33 13-1805	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	308.68	24.32
26 05 33 13-1806	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	350.25	29.93
26 05 33 13-1807	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	437.93	37.40
26 05 33 13-1808	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter.....	544.73	46.75

26 05 33 13-1809 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints (26 05 33 13-1665)

26 05 33 13-1810	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	120.40	18.71
26 05 33 13-1811	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	137.96	22.44
26 05 33 13-1812	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	166.57	26.18
26 05 33 13-1813	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	211.12	29.93
26 05 33 13-1814	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	271.04	33.66
26 05 33 13-1815	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	370.47	37.40
26 05 33 13-1816	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	543.36	43.01
26 05 33 13-1817	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	661.97	48.62
26 05 33 13-1818	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	804.88	56.11
26 05 33 13-1819	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	952.47	65.46
26 05 33 13-1820	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	1,124.02	74.80
26 05 33 13-1821	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint.....	1,801.12	84.16

26 05 33 13-1822 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover (26 05 33 13-1665)

26 05 33 13-1823	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	102.60	14.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>11.22</i>	
26 05 33 13-1824	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	119.83	16.83
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>12.62</i>	
26 05 33 13-1825	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	165.29	18.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>14.03</i>	
26 05 33 13-1826	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	202.54	22.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.83</i>	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-1827	EA		1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	258.40	28.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.04	
26 05 33 13-1828	EA		2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	363.08	33.66
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25.25	
26 05 33 13-1829	EA		2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	621.17	39.28
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.46	
26 05 33 13-1830	EA		3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	809.53	44.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.67	
26 05 33 13-1831	EA		3-1/2" Type LB, LR Or LL, Two Hub Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Body And Cover.....	976.39	52.36
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.27	
26 05 33 13-1832	EA		4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	1,143.28	59.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.89	
26 05 33 13-1833	EA		5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	1,353.73	67.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.49	
26 05 33 13-1834	EA		6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Type LB, LR Or LL, Two Hub Conduit Body And Cover.....	1,538.05	74.80
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56.11	
26 05 33 13-1835			Explosion Proof Conduit Fittings <small>(26 05 33 13-0059)</small> Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT) and Intermediate Metal Conduit (IMC) conduit.		
26 05 33 13-1836			Explosion Proof Malleable Iron Conduit Unions <small>(26 05 33 13-1835)</small>		
26 05 33 13-1837	EA		1/2" Explosion Proof Malleable Iron Conduit Union	43.69	8.28
26 05 33 13-1838	EA		3/4" Explosion Proof Malleable Iron Conduit Union	54.53	9.14
26 05 33 13-1839	EA		1" Explosion Proof Malleable Iron Conduit Union	87.96	12.19
26 05 33 13-1840	EA		1-1/4" Explosion Proof Malleable Iron Conduit Union	118.09	13.50
26 05 33 13-1841	EA		1-1/2" Explosion Proof Malleable Iron Conduit Union	148.89	16.54
26 05 33 13-1842	EA		2" Explosion Proof Malleable Iron Conduit Union	186.40	19.15
26 05 33 13-1843	EA		2-1/2" Explosion Proof Malleable Iron Conduit Union	284.76	27.38
26 05 33 13-1844	EA		3" Explosion Proof Malleable Iron Conduit Union	363.32	32.59
26 05 33 13-1845	EA		3-1/2" Explosion Proof Malleable Iron Conduit Union	619.92	39.11
26 05 33 13-1846	EA		4" Explosion Proof Malleable Iron Conduit Union	652.18	49.97
26 05 33 13-1847			Explosion Proof Malleable Iron Conduit Bodies <small>(26 05 33 13-1835)</small>		
26 05 33 13-1848	EA		1/2" Explosion Proof Malleable Iron Two Hub Conduit Body	156.72	26.12
26 05 33 13-1849	EA		3/4" Explosion Proof Malleable Iron Two Hub Conduit Body	176.55	29.60
26 05 33 13-1850	EA		1" Explosion Proof Malleable Iron Two Hub Conduit Body.....	208.04	32.65
26 05 33 13-1851	EA		1/2" Explosion Proof Malleable Iron Three Hub Conduit Body.....	174.78	32.65
26 05 33 13-1852	EA		3/4" Explosion Proof Malleable Iron Three Hub Conduit Body.....	208.04	39.18
26 05 33 13-1853	EA		1" Explosion Proof Malleable Iron Three Hub Conduit Body.....	247.19	44.83
26 05 33 13-1854			Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical <small>(26 05 33 13-1835)</small> Note: Includes sealing gasket and lock nut.		
26 05 33 13-1855	EA		1/2" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical	129.51	21.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.32	
26 05 33 13-1856	EA		3/4" x 1" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	130.95	24.37
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.28	
26 05 33 13-1857	EA		1" x 1-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	142.98	26.55
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.91	
26 05 33 13-1858	EA		1-1/4" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	184.74	32.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24.49	
26 05 33 13-1859	EA		1-1/2" x 2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	238.04	38.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.73	
26 05 33 13-1860	EA		2" x 2-1/2" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	309.67	43.53
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.65	
26 05 33 13-1861	EA		2-1/2" x 3" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	438.75	65.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.88	
26 05 33 13-1862	EA		3" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	555.00	81.69
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.27	
26 05 33 13-1863	EA		3-1/2" x 4" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	800.54	89.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.46	
26 05 33 13-1864	EA		4" x 5" Explosion Proof Malleable Iron Conduit Sealing Fitting, Horizontal/Vertical.....	1,044.98	97.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	73.32	
26 05 33 13-1865			Explosion Proof Flexible Conduit Couplings <small>(26 05 33 13-1835)</small>		
26 05 33 13-1866	EA		1/2" x 12" Explosion Proof Flexible Conduit Coupling.....	378.91	10.01
26 05 33 13-1867	EA		3/4" x 15" Explosion Proof Flexible Conduit Coupling.....	496.94	11.32
26 05 33 13-1868			Conduit Installed Below Grade <small>(26 05 33 13-0058)</small> Note: By direct burial in trench or in concrete slabs or duct banks. Includes detectable warning tape for underground conduits. Excludes trenching, backfilling and concrete.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1869	Schedule 40 Polyvinyl Chloride (PVC) Conduit, Direct Burial <small>(26 05 33 13-1868)</small>		
26 05 33 13-1870	Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial <small>(26 05 33 13-1869)</small>		
	Note: Includes field bend conduit up to 1".		
26 05 33 13-1871	LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	4.02	
	For Schedule 80, Add	0.65	
	For Schedule 60, Add	0.40	
26 05 33 13-1872	LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	4.59	
	For Schedule 80, Add	0.79	
	For Schedule 60, Add	0.49	
26 05 33 13-1873	LF 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	5.47	
	For Schedule 80, Add	1.04	
	For Schedule 60, Add	0.67	
26 05 33 13-1874	LF 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	6.36	
	For Schedule 80, Add	1.29	
	For Schedule 60, Add	0.84	
26 05 33 13-1875	LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	7.12	
	For Schedule 80, Add	1.50	
	For Schedule 60, Add	0.98	
26 05 33 13-1876	LF 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	8.35	
	For Schedule 80, Add	1.87	
	For Schedule 60, Add	1.25	
26 05 33 13-1877	LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	11.04	
	For Schedule 80, Add	2.75	
	For Schedule 60, Add	1.87	
26 05 33 13-1878	LF 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	12.54	
	For Schedule 80, Add	3.22	
	For Schedule 60, Add	2.20	
26 05 33 13-1879	LF 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	14.97	
	For Schedule 80, Add	4.01	
	For Schedule 60, Add	2.76	
26 05 33 13-1880	LF 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	16.19	
	For Schedule 80, Add	4.38	
	For Schedule 60, Add	3.02	
26 05 33 13-1881	LF 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	21.49	
	For Schedule 80, Add	6.18	
	For Schedule 60, Add	4.30	
26 05 33 13-1882	LF 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit With Coupled End, Direct Burial.....	26.88	
	For Schedule 80, Add	8.01	
	For Schedule 60, Add	5.60	

26 05 33 13-1883	Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbows, Direct Burial <small>(26 05 33 13-1869)</small>		
	See CSI section 26 05 33 13-2329 for conduit field bending.		
26 05 33 13-1884	EA 1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	24.75	
	For Schedule 80, Add	2.82	
	For Schedule 60, Add	1.51	
26 05 33 13-1885	EA 3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	29.71	
	For Schedule 80, Add	3.39	
	For Schedule 60, Add	1.82	
26 05 33 13-1886	EA 1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	35.32	
	For Schedule 80, Add	4.18	
	For Schedule 60, Add	2.28	
26 05 33 13-1887	EA 1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	41.14	
	For Schedule 80, Add	5.05	
	For Schedule 60, Add	2.81	
26 05 33 13-1888	EA 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	47.16	
	For Schedule 80, Add	5.99	
	For Schedule 60, Add	3.37	
26 05 33 13-1889	EA 2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	53.78	
	For Schedule 80, Add	7.14	
	For Schedule 60, Add	4.10	
26 05 33 13-1890	EA 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	63.83	
	For Schedule 80, Add	9.48	
	For Schedule 60, Add	5.67	
26 05 33 13-1891	EA 3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	76.35	
	For Schedule 80, Add	12.70	
	For Schedule 60, Add	7.87	
26 05 33 13-1892	EA 3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	93.59	
	For Schedule 80, Add	16.39	
	For Schedule 60, Add	10.31	
26 05 33 13-1893	EA 4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	110.99	
	For Schedule 80, Add	20.15	
	For Schedule 60, Add	12.79	
26 05 33 13-1894	EA 5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	148.00	
	For Schedule 80, Add	30.76	
	For Schedule 60, Add	20.17	
26 05 33 13-1895	EA 6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 90 Degree Elbow, Direct Burial.....	174.88	
	For Schedule 80, Add	37.83	
	For Schedule 60, Add	25.02	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1896		Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbows, Direct Burial <small>(26 05 33 13-1896)</small>		
			See CSI section 26 05 33 13-2329 for conduit field bending.		
26 05 33	13-1897	EA	1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	24.75	
			<i>For Schedule 80, Add</i>	2.82	
			<i>For Schedule 60, Add</i>	1.51	
26 05 33	13-1898	EA	3/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	29.61	
			<i>For Schedule 80, Add</i>	3.35	
			<i>For Schedule 60, Add</i>	1.79	
26 05 33	13-1899	EA	1" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	35.19	
			<i>For Schedule 80, Add</i>	4.13	
			<i>For Schedule 60, Add</i>	2.25	
26 05 33	13-1900	EA	1-1/4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	40.74	
			<i>For Schedule 80, Add</i>	4.91	
			<i>For Schedule 60, Add</i>	2.71	
26 05 33	13-1901	EA	1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	46.26	
			<i>For Schedule 80, Add</i>	5.67	
			<i>For Schedule 60, Add</i>	3.15	
26 05 33	13-1902	EA	2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	53.30	
			<i>For Schedule 80, Add</i>	6.97	
			<i>For Schedule 60, Add</i>	3.98	
26 05 33	13-1903	EA	2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	62.93	
			<i>For Schedule 80, Add</i>	9.17	
			<i>For Schedule 60, Add</i>	5.45	
26 05 33	13-1904	EA	3" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	75.21	
			<i>For Schedule 80, Add</i>	12.30	
			<i>For Schedule 60, Add</i>	7.58	
26 05 33	13-1905	EA	3-1/2" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	90.40	
			<i>For Schedule 80, Add</i>	15.28	
			<i>For Schedule 60, Add</i>	9.51	
26 05 33	13-1906	EA	4" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	108.25	
			<i>For Schedule 80, Add</i>	19.19	
			<i>For Schedule 60, Add</i>	12.10	
26 05 33	13-1907	EA	5" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	144.44	
			<i>For Schedule 80, Add</i>	29.51	
			<i>For Schedule 60, Add</i>	19.28	
26 05 33	13-1908	EA	6" Schedule 40 Polyvinyl Chloride (PVC) Conduit 45 Degree Elbow, Direct Burial	164.30	
			<i>For Schedule 80, Add</i>	34.13	
			<i>For Schedule 60, Add</i>	22.37	
26 05 33	13-1909		Polyvinyl Chloride (PVC) Conduit Female Adapters, Direct Burial <small>(26 05 33 13-1869)</small>		
26 05 33	13-1910	EA	1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	13.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.93	
26 05 33	13-1911	EA	3/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	15.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.49	
26 05 33	13-1912	EA	1" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	18.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.05	
26 05 33	13-1913	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	20.35	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.61	
26 05 33	13-1914	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	22.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.17	
26 05 33	13-1915	EA	2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	24.99	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.73	
26 05 33	13-1916	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	29.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.58	
26 05 33	13-1917	EA	3" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	34.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.42	
26 05 33	13-1918	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	40.82	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.82	
26 05 33	13-1919	EA	4" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	45.86	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.22	
26 05 33	13-1920	EA	5" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	59.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.62	
26 05 33	13-1921	EA	6" Polyvinyl Chloride (PVC) Conduit Female Adapter, Direct Burial	67.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.03	
26 05 33	13-1922		Polyvinyl Chloride (PVC) Conduit Bell Ends And Plug, Direct Burial <small>(26 05 33 13-1869)</small>		
26 05 33	13-1923	EA	1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	16.39	
26 05 33	13-1924	EA	3/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	18.64	
26 05 33	13-1925	EA	1" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	20.91	
26 05 33	13-1926	EA	1-1/4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	26.87	
26 05 33	13-1927	EA	1-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	29.74	
26 05 33	13-1928	EA	2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	33.58	
26 05 33	13-1929	EA	2-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	37.55	
26 05 33	13-1930	EA	3" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	42.45	
26 05 33	13-1931	EA	3-1/2" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	50.35	
26 05 33	13-1932	EA	4" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	55.41	
26 05 33	13-1933	EA	5" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	70.68	
26 05 33	13-1934	EA	6" Polyvinyl Chloride (PVC) Conduit Bell End And Plug, Direct Burial	79.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 33 13-1935			Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial <small>(26 05 33 13-1935)</small>		
26 05 33 13-1936	EA		1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial.....	13.63	
26 05 33 13-1937	EA		3/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial.....	15.83	
26 05 33 13-1938	EA		1" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial.....	17.88	
26 05 33 13-1939	EA		1-1/4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapters, Direct Burial.....	20.10	
26 05 33 13-1940	EA		1-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	22.14	
26 05 33 13-1941	EA		2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	24.69	
26 05 33 13-1942	EA		2-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	29.33	
26 05 33 13-1943	EA		3" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	33.58	
26 05 33 13-1944	EA		3-1/2" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	39.74	
26 05 33 13-1945	EA		4" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	44.75	
26 05 33 13-1946	EA		5" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	56.98	
26 05 33 13-1947	EA		6" Polyvinyl Chloride (PVC) Conduit Male Terminal Adapter, Direct Burial.....	64.76	
26 05 33 13-1948			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial <small>(26 05 33 13-1948)</small>		
Note: 40 mil Polyvinyl Chloride (PVC) coated, 2 mil urethane lined (Ocal Blue, Crouse-Hinds, Appleton or O-Z/Gedney).					
26 05 33 13-1949			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial <small>(26 05 33 13-1949)</small>		
Note: Includes field bending for conduit up to 1".					
26 05 33 13-1950	LF		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	11.11	2.09
			For >500 To 1,000, Deduct	-0.70	
			For >1,000, Deduct	-0.97	
			For >250 To 500, Deduct	-0.42	
26 05 33 13-1951	LF		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	12.51	2.58
			For >500 To 1,000, Deduct	-0.79	
			For >1,000, Deduct	-1.10	
			For >250 To 500, Deduct	-0.48	
26 05 33 13-1952	LF		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	15.43	2.88
			For >500 To 1,000, Deduct	-0.98	
			For >1,000, Deduct	-1.37	
			For >250 To 500, Deduct	-0.60	
26 05 33 13-1953	LF		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	18.69	3.87
			For >500 To 1,000, Deduct	-1.20	
			For >1,000, Deduct	-1.67	
			For >250 To 500, Deduct	-0.74	
26 05 33 13-1954	LF		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	22.01	4.36
			For >500 To 1,000, Deduct	-1.43	
			For >1,000, Deduct	-1.98	
			For >250 To 500, Deduct	-0.88	
26 05 33 13-1955	LF		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	27.96	4.76
			For >500 To 1,000, Deduct	-1.82	
			For >1,000, Deduct	-2.52	
			For >250 To 500, Deduct	-1.13	
26 05 33 13-1956	LF		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	40.71	7.14
			For >500 To 1,000, Deduct	-2.68	
			For >1,000, Deduct	-3.70	
			For >250 To 500, Deduct	-1.66	
26 05 33 13-1957	LF		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	52.42	8.94
			For >500 To 1,000, Deduct	-3.44	
			For >1,000, Deduct	-4.75	
			For >250 To 500, Deduct	-2.12	
26 05 33 13-1958	LF		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	64.66	9.43
			For >500 To 1,000, Deduct	-4.23	
			For >1,000, Deduct	-5.85	
			For >250 To 500, Deduct	-2.61	
26 05 33 13-1959	LF		4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	76.74	10.42
			For >500 To 1,000, Deduct	-5.01	
			For >1,000, Deduct	-6.93	
			For >250 To 500, Deduct	-3.09	
26 05 33 13-1960	LF		5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	120.95	14.39
			For >500 To 1,000, Deduct	-8.13	
			For >1,000, Deduct	-11.15	
			For >250 To 500, Deduct	-5.10	
26 05 33 13-1961	LF		6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Conduit, Direct Burial.....	161.72	18.85
			For >500 To 1,000, Deduct	-10.94	
			For >1,000, Deduct	-14.98	
			For >250 To 500, Deduct	-6.90	
26 05 33 13-1962			Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Couplings, Direct Burial <small>(26 05 33 13-1962)</small>		
26 05 33 13-1963	EA		1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	11.93	2.98
26 05 33 13-1964	EA		3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	14.19	3.97
26 05 33 13-1965	EA		1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	18.05	4.96
26 05 33 13-1966	EA		1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	20.38	5.46
26 05 33 13-1967	EA		1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	24.17	6.45
26 05 33 13-1968	EA		2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	31.36	7.44
26 05 33 13-1969	EA		2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	58.65	8.94
26 05 33 13-1970	EA		3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	74.35	12.41
26 05 33 13-1971	EA		3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	92.33	14.39

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-1972	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	114.00	19.85
26 05 33	13-1973	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	296.70	27.29
26 05 33	13-1974	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Coupling, Direct Burial.....	301.23	15.38
26 05 33	13-1975		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small> Note: 90, 45, or 30 degree.		
26 05 33	13-1976	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	45.74	12.41
26 05 33	13-1977	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	52.49	15.38
26 05 33	13-1978	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	62.62	18.85
26 05 33	13-1979	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	74.28	21.83
26 05 33	13-1980	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	87.24	24.81
26 05 33	13-1981	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	107.09	27.29
26 05 33	13-1982	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	167.40	34.24
26 05 33	13-1983	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	251.36	46.64
26 05 33	13-1984	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	312.61	52.60
26 05 33	13-1985	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	356.21	68.47
26 05 33	13-1986	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	751.66	111.65
26 05 33	13-1987	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Standard Radius Elbow, Direct Burial.....	1,184.74	167.72
26 05 33	13-1988		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33	13-1989	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	111.94	18.85
26 05 33	13-1990	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	125.77	21.83
26 05 33	13-1991	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	143.62	24.81
26 05 33	13-1992	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	172.14	27.29
26 05 33	13-1993	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 12" Large Radius Elbow, Direct Burial.....	241.02	34.24
26 05 33	13-1994		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33	13-1995	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	125.28	18.85
26 05 33	13-1996	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	147.80	21.83
26 05 33	13-1997	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	159.42	24.81
26 05 33	13-1998	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	206.59	27.29
26 05 33	13-1999	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	274.25	34.24
26 05 33	13-2000	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 15" Large Radius Elbow, Direct Burial.....	349.90	46.64
26 05 33	13-2001		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33	13-2002	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	141.23	18.85
26 05 33	13-2003	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	159.28	21.83
26 05 33	13-2004	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	179.69	24.81
26 05 33	13-2005	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	218.02	27.29
26 05 33	13-2006	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	312.43	34.24
26 05 33	13-2007	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	394.72	46.64
26 05 33	13-2008	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	500.34	52.60
26 05 33	13-2009	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 18" Large Radius Elbow, Direct Burial.....	560.73	68.47

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2010				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33 13-2011	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	168.77	18.85
26 05 33 13-2012	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	186.22	21.83
26 05 33 13-2013	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	210.28	24.81
26 05 33 13-2014	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	262.07	27.29
26 05 33 13-2015	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	380.76	34.24
26 05 33 13-2016	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	470.67	46.64
26 05 33 13-2017	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	546.71	52.60
26 05 33 13-2018	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 24" Large Radius Elbow, Direct Burial.....	645.86	68.47
26 05 33 13-2019				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33 13-2020	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	190.21	18.85
26 05 33 13-2021	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	211.31	21.83
26 05 33 13-2022	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	240.39	24.81
26 05 33 13-2023	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	300.42	27.29
26 05 33 13-2024	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	418.04	34.24
26 05 33 13-2025	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	531.41	46.64
26 05 33 13-2026	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	659.45	52.60
26 05 33 13-2027	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	724.00	68.47
26 05 33 13-2028	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 30" Large Radius Elbow, Direct Burial.....	1,207.87	111.65
26 05 33 13-2029				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33 13-2030	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	218.24	18.85
26 05 33 13-2031	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	241.61	21.83
26 05 33 13-2032	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	273.40	24.81
26 05 33 13-2033	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	342.95	27.29
26 05 33 13-2034	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	480.17	34.24
26 05 33 13-2035	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	608.81	46.64
26 05 33 13-2036	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	715.95	52.60
26 05 33 13-2037	EA			4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	824.89	68.47
26 05 33 13-2038	EA			5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,278.57	111.65
26 05 33 13-2039	EA			6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 36" Large Radius Elbow, Direct Burial.....	1,743.40	167.72
26 05 33 13-2040				Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33 13-2041	EA			1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	257.26	18.85
26 05 33 13-2042	EA			1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	268.62	21.83
26 05 33 13-2043	EA			1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	317.57	24.81
26 05 33 13-2044	EA			2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	402.15	27.29
26 05 33 13-2045	EA			2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	563.94	34.24
26 05 33 13-2046	EA			3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	713.15	46.64
26 05 33 13-2047	EA			3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	873.01	52.60

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2048	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,021.14	68.47
26 05 33	13-2049	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,509.19	111.65
26 05 33	13-2050	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 42" Large Radius Elbow, Direct Burial.....	1,849.26	167.72
26 05 33	13-2051		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbows, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33	13-2052	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	266.66	18.85
26 05 33	13-2053	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	314.32	21.83
26 05 33	13-2054	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	355.77	24.81
26 05 33	13-2055	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	419.96	27.29
26 05 33	13-2056	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	584.87	34.24
26 05 33	13-2057	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	745.24	46.64
26 05 33	13-2058	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	958.55	52.60
26 05 33	13-2059	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,065.65	68.47
26 05 33	13-2060	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,571.15	111.65
26 05 33	13-2061	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) 48" Large Radius Elbow, Direct Burial.....	1,903.05	167.72
26 05 33	13-2062		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNF Conduit Unions, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33	13-2063	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	87.18	12.41
26 05 33	13-2064	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	94.27	15.38
26 05 33	13-2065	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	122.84	18.85
26 05 33	13-2066	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	180.67	21.83
26 05 33	13-2067	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	214.87	24.81
26 05 33	13-2068	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	274.81	27.29
26 05 33	13-2069	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	366.62	34.24
26 05 33	13-2070	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	479.52	34.24
26 05 33	13-2071	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	615.06	52.60
26 05 33	13-2072	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	791.64	68.47
26 05 33	13-2073	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,446.97	111.65
26 05 33	13-2074	EA	6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNF Conduit Union, Direct Burial.....	1,792.82	167.72
26 05 33	13-2075		Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), UNY Conduit Unions, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33	13-2076	EA	1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	89.28	12.41
26 05 33	13-2077	EA	3/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	102.29	15.38
26 05 33	13-2078	EA	1" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	127.11	18.85
26 05 33	13-2079	EA	1-1/4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	188.52	21.83
26 05 33	13-2080	EA	1-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	225.77	24.81
26 05 33	13-2081	EA	2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	298.34	27.29
26 05 33	13-2082	EA	2-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	416.98	34.24
26 05 33	13-2083	EA	3" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	530.72	34.24
26 05 33	13-2084	EA	3-1/2" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	707.63	52.60
26 05 33	13-2085	EA	4" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	883.87	68.47
26 05 33	13-2086	EA	5" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	1,616.04	111.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2087 EA 6" Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) UNY Conduit Union, Direct Burial.....	2,065.82	167.72
26 05 33 13-2088 Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS), Nipples, Direct Burial <small>(26 05 33 13-1948)</small>		
26 05 33 13-2089 EA 1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	29.59	5.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	
26 05 33 13-2090 EA 3/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	32.91	7.44
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-2091 EA 1" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	37.87	9.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-2092 EA 1-1/4" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	45.22	10.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-2093 EA 1-1/2" x 2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	48.97	12.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-2094 EA 1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	32.86	6.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2095 EA 3/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	35.32	7.44
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-2096 EA 1" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	40.31	9.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-2097 EA 1-1/4" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	47.81	10.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-2098 EA 1-1/2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	51.75	12.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-2099 EA 2" x 2-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	55.94	13.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33 13-2100 EA 1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	33.03	6.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2101 EA 3/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	35.49	7.44
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-2102 EA 1" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	40.62	9.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-2103 EA 1-1/4" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	48.14	10.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-2104 EA 1-1/2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	52.09	12.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-2105 EA 2" x 3" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	56.81	13.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33 13-2106 EA 1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	35.32	6.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2107 EA 3/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	37.79	7.44
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-2108 EA 1" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	43.09	9.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-2109 EA 1-1/4" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	49.55	10.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-2110 EA 1-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	53.64	12.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-2111 EA 2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	59.52	13.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33 13-2112 EA 2-1/2" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	84.10	16.87
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33 13-2113 EA 3" x 3-1/2" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	108.26	23.32
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33 13-2114 EA 1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial.....	35.49	6.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2115	EA	3/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.10	7.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-2116	EA	1" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.42	9.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-2117	EA	1-1/4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.95	10.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-2118	EA	1-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.18	12.41
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-2119	EA	2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	62.22	13.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33	13-2120	EA	2-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	86.49	16.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33	13-2121	EA	3" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	113.40	23.32
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33	13-2122	EA	3-1/2" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	135.86	26.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33	13-2123	EA	4" x 4" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	157.56	34.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33	13-2124	EA	1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	35.81	6.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-2125	EA	3/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.44	7.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-2126	EA	1" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	43.79	9.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-2127	EA	1-1/4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	51.60	10.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-2128	EA	1-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	55.86	12.41
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-2129	EA	2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	63.70	13.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33	13-2130	EA	2-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	96.01	16.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33	13-2131	EA	3" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	121.11	23.32
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33	13-2132	EA	3-1/2" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	137.50	26.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33	13-2133	EA	4" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	161.96	34.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33	13-2134	EA	5" x 5" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	239.69	47.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33	13-2135	EA	1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	36.41	6.45
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33	13-2136	EA	3/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.04	7.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-2137	EA	1" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	44.44	9.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-2138	EA	1-1/4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	52.81	10.92
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-2139	EA	1-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.31	12.41
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-2140	EA	2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	65.17	13.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33	13-2141	EA	2-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	105.67	16.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33	13-2142	EA	3" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	131.36	23.32
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33	13-2143	EA	3-1/2" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	146.73	26.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2144 EA 4" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	177.52	34.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33 13-2145 EA 5" x 6" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	262.96	47.13
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33 13-2146 EA 1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	37.35	6.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2147 EA 3/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.96	7.44
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-2148 EA 1" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	45.89	9.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-2149 EA 1-1/4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	53.12	10.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-2150 EA 1-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	60.26	12.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-2151 EA 2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	72.37	13.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33 13-2152 EA 2-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	117.56	16.87
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33 13-2153 EA 3" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	145.37	23.32
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33 13-2154 EA 3-1/2" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	169.83	26.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33 13-2155 EA 4" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	200.89	34.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33 13-2156 EA 5" x 8" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	278.90	47.13
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33 13-2157 EA 1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	38.34	6.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2158 EA 3/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	40.93	7.44
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-2159 EA 1" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	47.31	9.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-2160 EA 1-1/4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	57.47	10.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-2161 EA 1-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	67.27	12.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33 13-2162 EA 2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	82.96	13.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33 13-2163 EA 2-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	130.13	16.87
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33 13-2164 EA 3" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	163.33	23.32
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33 13-2165 EA 3-1/2" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	194.09	26.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33 13-2166 EA 4" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	241.77	34.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33 13-2167 EA 5" x 10" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	310.73	47.13
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33 13-2168 EA 1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	39.36	6.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.87	
26 05 33 13-2169 EA 3/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	42.06	7.44
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33 13-2170 EA 1" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	50.94	9.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33 13-2171 EA 1-1/4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	64.62	10.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33 13-2172 EA 1-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	75.75	12.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2173	EA	2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	91.46	13.89
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.34	
26 05 33	13-2174	EA	2-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	146.90	16.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.12	
26 05 33	13-2175	EA	3" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	190.24	23.32
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.99	
26 05 33	13-2176	EA	3-1/2" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	208.98	26.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15.78	
26 05 33	13-2177	EA	4" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	254.31	34.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.54	
26 05 33	13-2178	EA	5" x 12" Long Polyvinyl Chloride (PVC) Coated, Urethane Lined, Rigid Galvanized Steel (RGS) Nipple, Direct Burial	315.27	47.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.28	
26 05 33	13-2179		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-1868)</small> Note: Direct burial or encased application.		
26 05 33	13-2180		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit <small>(26 05 33 13-2179)</small>		
26 05 33	13-2181	LF	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	8.92	1.21
			<i>For Work In Restricted Working Space, Add</i>	0.91	
26 05 33	13-2182	LF	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	9.91	1.31
			<i>For Work In Restricted Working Space, Add</i>	0.98	
26 05 33	13-2183	LF	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	10.53	1.40
			<i>For Work In Restricted Working Space, Add</i>	1.05	
26 05 33	13-2184	LF	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.14	1.49
			<i>For Work In Restricted Working Space, Add</i>	1.12	
26 05 33	13-2185	LF	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	11.98	1.59
			<i>For Work In Restricted Working Space, Add</i>	1.19	
26 05 33	13-2186	LF	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	12.43	1.68
			<i>For Work In Restricted Working Space, Add</i>	1.26	
26 05 33	13-2187	LF	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	14.28	1.77
			<i>For Work In Restricted Working Space, Add</i>	1.33	
26 05 33	13-2188	LF	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	16.49	1.87
			<i>For Work In Restricted Working Space, Add</i>	1.40	
26 05 33	13-2189	LF	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	18.20	1.96
			<i>For Work In Restricted Working Space, Add</i>	1.47	
26 05 33	13-2190	LF	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	19.90	2.05
			<i>For Work In Restricted Working Space, Add</i>	1.54	
26 05 33	13-2191	LF	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	23.82	2.15
			<i>For Work In Restricted Working Space, Add</i>	1.61	
26 05 33	13-2192	LF	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit, Direct Burial	28.67	2.24
			<i>For Work In Restricted Working Space, Add</i>	1.68	
26 05 33	13-2193		Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbows, 12" Large Radius Elbows <small>(26 05 33 13-2179)</small>		
26 05 33	13-2194	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	132.32	9.35
			<i>For Work In Restricted Working Space, Add</i>	7.01	
			<i>For 24" Radius, Add</i>	9.34	
			<i>For 36" Radius, Add</i>	13.23	
			<i>For 48" Radius, Add</i>	17.12	
26 05 33	13-2195	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	150.03	11.22
			<i>For Work In Restricted Working Space, Add</i>	8.42	
			<i>For 24" Radius, Add</i>	10.55	
			<i>For 36" Radius, Add</i>	15.00	
			<i>For 48" Radius, Add</i>	19.46	
26 05 33	13-2196	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	155.95	13.10
			<i>For Work In Restricted Working Space, Add</i>	9.82	
			<i>For 24" Radius, Add</i>	10.88	
			<i>For 36" Radius, Add</i>	15.60	
			<i>For 48" Radius, Add</i>	20.31	
26 05 33	13-2197	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	161.82	14.96
			<i>For Work In Restricted Working Space, Add</i>	11.22	
			<i>For 24" Radius, Add</i>	11.20	
			<i>For 36" Radius, Add</i>	16.18	
			<i>For 48" Radius, Add</i>	21.16	
26 05 33	13-2198	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	167.74	16.83
			<i>For Work In Restricted Working Space, Add</i>	12.62	
			<i>For 24" Radius, Add</i>	11.53	
			<i>For 36" Radius, Add</i>	16.77	
			<i>For 48" Radius, Add</i>	22.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2199 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	189.74	18.71
For Work In Restricted Working Space, Add	14.03	
For 24" Radius, Add	13.06	
For 36" Radius, Add	18.97	
For 48" Radius, Add	24.89	
26 05 33 13-2200 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	222.57	20.57
For Work In Restricted Working Space, Add	15.43	
For 24" Radius, Add	15.41	
For 36" Radius, Add	22.26	
For 48" Radius, Add	29.11	
26 05 33 13-2201 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	261.48	22.44
For Work In Restricted Working Space, Add	16.83	
For 24" Radius, Add	18.21	
For 36" Radius, Add	26.15	
For 48" Radius, Add	34.09	
26 05 33 13-2202 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial	296.50	26.18
For Work In Restricted Working Space, Add	19.64	
For 24" Radius, Add	20.60	
For 36" Radius, Add	29.65	
For 48" Radius, Add	38.70	
26 05 33 13-2203 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	331.51	33.66
For Work In Restricted Working Space, Add	22.44	
For 24" Radius, Add	22.99	
For 36" Radius, Add	33.15	
For 48" Radius, Add	43.31	
26 05 33 13-2204 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	405.05	33.66
For Work In Restricted Working Space, Add	25.25	
For 24" Radius, Add	28.27	
For 36" Radius, Add	40.51	
For 48" Radius, Add	52.74	
26 05 33 13-2205 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit 90 Degree Elbow, 12" Large Radius Elbows, Direct Burial.....	494.62	37.40
For Work In Restricted Working Space, Add	28.05	
For 24" Radius, Add	34.76	
For 36" Radius, Add	49.46	
For 48" Radius, Add	64.17	
26 05 33 13-2206 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Couplings <small>(26 05 33 13-2179)</small>		
26 05 33 13-2207 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	58.21	5.24
For Work In Restricted Working Space, Add	3.93	
26 05 33 13-2208 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	65.23	5.98
For Work In Restricted Working Space, Add	4.49	
26 05 33 13-2209 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	67.62	6.73
For Work In Restricted Working Space, Add	5.05	
26 05 33 13-2210 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	69.92	7.48
For Work In Restricted Working Space, Add	5.61	
26 05 33 13-2211 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	72.81	8.23
For Work In Restricted Working Space, Add	6.17	
26 05 33 13-2212 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	84.65	8.98
For Work In Restricted Working Space, Add	6.73	
26 05 33 13-2213 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	100.12	10.10
For Work In Restricted Working Space, Add	7.58	
26 05 33 13-2214 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	117.90	11.22
For Work In Restricted Working Space, Add	8.42	
26 05 33 13-2215 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial	133.81	13.10
For Work In Restricted Working Space, Add	9.82	
26 05 33 13-2216 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	149.71	14.96
For Work In Restricted Working Space, Add	11.22	
26 05 33 13-2217 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	182.46	16.83
For Work In Restricted Working Space, Add	12.62	
26 05 33 13-2218 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Double Bell Coupling, Direct Burial.....	222.17	18.71
For Work In Restricted Working Space, Add	14.03	
26 05 33 13-2219 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Couplings <small>(26 05 33 13-2179)</small>		
26 05 33 13-2220 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	38.55	5.24
For Work In Restricted Working Space, Add	3.93	
26 05 33 13-2221 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	43.24	5.98
For Work In Restricted Working Space, Add	4.49	
26 05 33 13-2222 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	45.41	6.73
For Work In Restricted Working Space, Add	5.05	
26 05 33 13-2223 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	47.59	7.48
For Work In Restricted Working Space, Add	5.61	
26 05 33 13-2224 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial	49.75	8.23
For Work In Restricted Working Space, Add	6.17	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2225	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	51.79 6.73	8.98
26 05 33	13-2226	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	60.46 7.58	10.10
26 05 33	13-2227	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	70.32 8.42	11.22
26 05 33	13-2228	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	80.29 9.82	13.10
26 05 33	13-2229	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	90.24 11.22	14.96
26 05 33	13-2230	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	108.18 12.62	16.83
26 05 33	13-2231	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Radius Double Bell Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	129.32 14.03	18.71
26 05 33 13-2232 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Couplings <small>(26 05 33 13-2179)</small>					
26 05 33	13-2233	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	39.12 2.24	3.00
26 05 33	13-2234	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	43.59 2.53	3.37
26 05 33	13-2235	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	44.90 2.81	3.74
26 05 33	13-2236	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	46.06 3.09	4.12
26 05 33	13-2237	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	47.80 3.37	4.49
26 05 33	13-2238	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	56.66 3.93	5.24
26 05 33	13-2239	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	68.14 4.77	6.36
26 05 33	13-2240	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	81.39 5.61	7.48
26 05 33	13-2241	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	93.88 7.01	9.35
26 05 33	13-2242	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	106.39 8.42	11.22
26 05 33	13-2243	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	130.62 9.82	13.10
26 05 33	13-2244	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Sleeve Coupling, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	159.81 11.22	14.96
26 05 33 13-2245 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joints <small>(26 05 33 13-2179)</small>					
26 05 33	13-2246	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	81.62 14.03	18.71
26 05 33	13-2247	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	94.79 16.83	22.44
26 05 33	13-2248	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	104.57 19.64	26.18
26 05 33	13-2249	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	114.16 22.44	29.93
26 05 33	13-2250	EA	1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	119.74 23.84	31.79
26 05 33	13-2251	EA	2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	132.08 25.25	33.66
26 05 33	13-2252	EA	2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	146.34 26.65	35.54
26 05 33	13-2253	EA	3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	162.52 28.05	37.40
26 05 33	13-2254	EA	3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	175.82 29.46	39.28
26 05 33	13-2255	EA	4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	189.12 30.86	41.14
26 05 33	13-2256	EA	5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	215.36 32.26	43.01
26 05 33	13-2257	EA	6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	247.00 33.67	44.89
26 05 33 13-2258 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joints <small>(26 05 33 13-2179)</small>					
26 05 33	13-2259	EA	1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	95.78 14.03	18.71
26 05 33	13-2260	EA	3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	110.66 16.83	22.44
26 05 33	13-2261	EA	1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	120.53 19.64	26.18
26 05 33	13-2262	EA	1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial..... <i>For Work In Restricted Working Space, Add</i>	130.29 22.44	29.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2263 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	136.00 23.84	31.79
26 05 33 13-2264 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	150.65 25.25	33.66
26 05 33 13-2265 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	168.62 26.65	35.54
26 05 33 13-2266 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	189.26 28.05	37.40
26 05 33 13-2267 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	205.92 29.46	39.28
26 05 33 13-2268 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	222.57 30.86	41.14
26 05 33 13-2269 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	257.29 32.26	43.01
26 05 33 13-2270 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	299.41 33.67	44.89
26 05 33 13-2271 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapters <small>(26 05 33 13-2179)</small>		
26 05 33 13-2272 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	129.68 3.93	5.24
26 05 33 13-2273 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	144.47 4.49	5.98
26 05 33 13-2274 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	150.32 5.05	6.73
26 05 33 13-2275 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	156.35 5.61	7.48
26 05 33 13-2276 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	160.35 6.17	8.23
26 05 33 13-2277 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	175.52 6.73	8.98
26 05 33 13-2278 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	208.97 7.58	10.10
26 05 33 13-2279 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	248.39 8.42	11.22
26 05 33 13-2280 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	280.63 9.82	13.10
26 05 33 13-2281 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	312.85 11.22	14.96
26 05 33 13-2282 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	386.50 12.62	16.83
26 05 33 13-2283 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit Adapter, Direct Burial <i>For Work In Restricted Working Space, Add</i>	474.60 14.03	18.71
26 05 33 13-2284 Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joints <small>(26 05 33 13-2179)</small>		
26 05 33 13-2285 EA 1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	120.40 14.03	18.71
26 05 33 13-2286 EA 3/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	137.96 16.83	22.44
26 05 33 13-2287 EA 1" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	166.57 19.64	26.18
26 05 33 13-2288 EA 1-1/4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	211.12 22.44	29.93
26 05 33 13-2289 EA 1-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	266.36 23.84	31.79
26 05 33 13-2290 EA 2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	361.12 25.25	33.66
26 05 33 13-2291 EA 2-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	524.65 26.65	35.54
26 05 33 13-2292 EA 3" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	633.92 28.05	37.40
26 05 33 13-2293 EA 3-1/2" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	762.81 29.46	39.28
26 05 33 13-2294 EA 4" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	891.69 30.86	41.14
26 05 33 13-2295 EA 5" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	1,044.54 32.26	43.01
26 05 33 13-2296 EA 6" Fiberglass Reinforced Epoxy (FRE) Standard Wall (SW) Conduit O-Ring Expansion/Deflection Joint, Direct Burial <i>For Work In Restricted Working Space, Add</i>	1,702.95 33.67	44.89

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2297		Spacers <small>(26 05 33 13-1868)</small>		
Note: For concrete encasement applications. See CSI section 03 30 53 00-0001 for concrete., 26 05 33 13-1868 for conduit.				
26 05 33 13-2298	EA	1" Base Spacers, Average 4" Wide, Direct Burial	10.17	
26 05 33 13-2299	EA	1" Intermediate Spacers, Average 4" Wide, Direct Burial	10.89	
26 05 33 13-2300	EA	1-1/4" Base Spacer, Average 4" Wide, Direct Burial.....	12.07	
26 05 33 13-2301	EA	1-1/4" Intermediate Spacers, Average 4" Wide, Direct Burial	12.95	
26 05 33 13-2302	EA	1-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	12.20	
26 05 33 13-2303	EA	1-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	13.04	
26 05 33 13-2304	EA	2" Base Spacer, Average 4" Wide, Direct Burial	15.07	
26 05 33 13-2305	EA	2" Intermediate Spacers, Average 4" Wide, Direct Burial	13.98	
26 05 33 13-2306	EA	2-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	16.63	
26 05 33 13-2307	EA	2-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	16.09	
26 05 33 13-2308	EA	3" Base Spacer, Average 4" Wide, Direct Burial.....	18.98	
26 05 33 13-2309	EA	3" Intermediate Spacers, Average 4" Wide, Direct Burial	18.17	
26 05 33 13-2310	EA	3-1/2" Base Spacer, Average 4" Wide, Direct Burial.....	20.57	
26 05 33 13-2311	EA	3-1/2" Intermediate Spacers, Average 4" Wide, Direct Burial	19.69	
26 05 33 13-2312	EA	4" Base Spacer, Average 4" Wide, Direct Burial	21.22	
26 05 33 13-2313	EA	4" Intermediate Spacers, Average 4" Wide, Direct Burial	20.24	
26 05 33 13-2314	EA	5" Base Spacer, Average 4" Wide, Direct Burial.....	23.47	
26 05 33 13-2315	EA	5" Intermediate Spacers, Average 4" Wide, Direct Burial	22.31	
26 05 33 13-2316	EA	6" Base Spacer, Average 4" Wide, Direct Burial.....	26.71	
26 05 33 13-2317	EA	6" Intermediate Spacers, Average 4" Wide, Direct Burial	25.73	
26 05 33 13-2318		Conduit Field Bending <small>(26 05 33 13-0058)</small>		
26 05 33 13-2319		Metallic Conduit Field Bending <small>(26 05 33 13-2318)</small>		
Note: For use with Rigid Galvanized Steel (RGS), Electrical Metallic Tubing (EMT), Intermediate Metal Conduit (IMC) and aluminum conduits.				
26 05 33 13-2320	EA	1-1/4" Metallic Conduit Field Bending	16.78	
26 05 33 13-2321	EA	1-1/2" Metallic Conduit Field Bending	22.38	
26 05 33 13-2322	EA	2" Metallic Conduit Field Bending	27.97	
26 05 33 13-2323	EA	2-1/2" Metallic Conduit Field Bending	39.16	
26 05 33 13-2324	EA	3" Metallic Conduit Field Bending	50.34	
26 05 33 13-2325	EA	3-1/2" Metallic Conduit Field Bending	61.54	
26 05 33 13-2326	EA	4" Metallic Conduit Field Bending	72.72	
26 05 33 13-2327	EA	5" Metallic Conduit Field Bending	89.50	
26 05 33 13-2328	EA	6" Metallic Conduit Field Bending	106.29	
26 05 33 13-2329		Plastic Conduit Field Bending <small>(26 05 33 13-2318)</small>		
Note: For PVC conduits.				
26 05 33 13-2330	EA	1" Plastic Conduit Field Bending.....	25.73	
26 05 33 13-2331	EA	1-1/4" Plastic Conduit Field Bending.....	27.97	
26 05 33 13-2332	EA	1-1/2" Plastic Conduit Field Bending.....	33.57	
26 05 33 13-2333	EA	2" Plastic Conduit Field Bending.....	44.75	
26 05 33 13-2334	EA	2-1/2" Plastic Conduit Field Bending.....	55.94	
26 05 33 13-2335	EA	3" Plastic Conduit Field Bending.....	67.13	
26 05 33 13-2336	EA	3-1/2" Plastic Conduit Field Bending.....	78.32	
26 05 33 13-2337	EA	4" Plastic Conduit Field Bending.....	89.50	
26 05 33 13-2338	EA	5" Plastic Conduit Field Bending.....	100.70	
26 05 33 13-2339	EA	6" Plastic Conduit Field Bending.....	111.88	
26 05 33 13-2340		Cut And Thread Existing In-Place Threaded Conduit <small>(26 05 33 13-0058)</small>		
Note: For use when connecting conduit to an existing in-place system.				
26 05 33 13-2341	EA	1/2", Cut And Thread Existing In-Place Threaded Conduit	32.65	
		<i>For Work In Restricted Working Space, Add</i>	9.80	
26 05 33 13-2342	EA	3/4", Cut And Thread Existing In-Place Threaded Conduit	35.91	
		<i>For Work In Restricted Working Space, Add</i>	10.77	
26 05 33 13-2343	EA	1", Cut And Thread Existing In-Place Threaded Conduit	39.18	
		<i>For Work In Restricted Working Space, Add</i>	11.75	
26 05 33 13-2344	EA	1-1/4", Cut And Thread Existing In-Place Threaded Conduit	42.44	
		<i>For Work In Restricted Working Space, Add</i>	12.73	
26 05 33 13-2345	EA	1-1/2", Cut And Thread Existing In-Place Threaded Conduit	44.62	
		<i>For Work In Restricted Working Space, Add</i>	13.39	
26 05 33 13-2346	EA	2", Cut And Thread Existing In-Place Threaded Conduit	46.80	
		<i>For Work In Restricted Working Space, Add</i>	14.04	
26 05 33 13-2347	EA	2-1/2", Cut And Thread Existing In-Place Threaded Conduit	48.97	
		<i>For Work In Restricted Working Space, Add</i>	14.69	
26 05 33 13-2348	EA	3", Cut And Thread Existing In-Place Threaded Conduit	51.15	
		<i>For Work In Restricted Working Space, Add</i>	15.35	
26 05 33 13-2349	EA	3-1/2", Cut And Thread Existing In-Place Threaded Conduit	52.23	
		<i>For Work In Restricted Working Space, Add</i>	15.67	
26 05 33 13-2350	EA	4", Cut And Thread Existing In-Place Threaded Conduit	53.33	
		<i>For Work In Restricted Working Space, Add</i>	16.00	
26 05 33 13-2351	EA	5", Cut And Thread Existing In-Place Threaded Conduit	55.50	
		<i>For Work In Restricted Working Space, Add</i>	16.65	
26 05 33 13-2352	EA	6", Cut And Thread Existing In-Place Threaded Conduit	57.68	
		<i>For Work In Restricted Working Space, Add</i>	17.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2353 Flexible Conduit (26 05 33 13-0058)		
26 05 33 13-2354 Flexible Liquid Tight Metallic Conduit And Connectors (26 05 33 13-2353) Note: Steel inner core with PVC cover.		
26 05 33 13-2355 Flexible Liquid Tight Metallic Conduit (26 05 33 13-2354)		
26 05 33 13-2356 LF 3/8" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.33 0.89 0.45	1.19
26 05 33 13-2357 LF 1/2" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	4.53 0.89 0.45	1.19
26 05 33 13-2358 LF 3/4" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	6.07 1.19 0.60	1.58
26 05 33 13-2359 LF 1" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	7.14 1.19 0.60	1.58
26 05 33 13-2360 LF 1-1/4" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	9.28 1.49 0.74	1.99
26 05 33 13-2361 LF 1-1/2" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	12.02 1.79 0.89	2.39
26 05 33 13-2362 LF 2" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	15.79 2.38 1.19	3.18
26 05 33 13-2363 LF 2-1/2" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	21.90 2.68 1.34	3.57
26 05 33 13-2364 LF 3" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	32.71 3.28 1.64	4.36
26 05 33 13-2365 LF 4" Flexible Liquid Tight Metallic Conduit For Work In Restricted Working Space, Add For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	44.99 4.17 2.08	5.56
26 05 33 13-2366 Straight Liquid Tight Connector (26 05 33 13-2354)		
26 05 33 13-2367 EA 3/8" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.78 2.38 2.38	3.18
26 05 33 13-2368 EA 1/2" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.78 2.38 2.38	3.18
26 05 33 13-2369 EA 3/4" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.45 2.68 2.68	3.57
26 05 33 13-2370 EA 1" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.76 2.98 2.98	3.97
26 05 33 13-2371 EA 1-1/4" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.78 3.28 3.28	4.36
26 05 33 13-2372 EA 1-1/2" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	33.10 3.57 3.57	4.76
26 05 33 13-2373 EA 2" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	46.18 4.17 4.17	5.56
26 05 33 13-2374 EA 2-1/2" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	164.46 5.36 5.36	7.14
26 05 33 13-2375 EA 3" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	213.00 5.66 5.66	7.54
26 05 33 13-2376 EA 4" Straight Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	259.66 8.34 8.34	11.11
26 05 33 13-2377 90 Degree Angle Liquid Tight Connector (26 05 33 13-2354)		
26 05 33 13-2378 EA 3/8" 90 Degree Angle Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.34 3.28 3.28	4.36
26 05 33 13-2379 EA 1/2" 90 Degree Angle Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.17 3.28 3.28	4.36
26 05 33 13-2380 EA 3/4" 90 Degree Angle Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	20.62 3.57 3.57	4.76
26 05 33 13-2381 EA 1" 90 Degree Angle Liquid Tight Connector For Work In Restricted Working Space, Add For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	29.74 4.17 4.17	5.56

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2382	EA	1-1/4" 90 Degree Angle Liquid Tight Connector.....	38.06	5.96
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-2383	EA	1-1/2" 90 Degree Angle Liquid Tight Connector.....	46.66	6.35
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-2384	EA	2" 90 Degree Angle Liquid Tight Connector.....	62.43	7.14
			<i>For Work In Restricted Working Space, Add</i>	5.36	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.36	
26 05 33	13-2385	EA	2-1/2" 90 Degree Angle Liquid Tight Connector.....	231.14	7.54
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-2386	EA	3" 90 Degree Angle Liquid Tight Connector.....	273.23	8.73
			<i>For Work In Restricted Working Space, Add</i>	6.55	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.55	
26 05 33	13-2387	EA	4" 90 Degree Angle Liquid Tight Connector.....	376.94	13.89
			<i>For Work In Restricted Working Space, Add</i>	10.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.42	
26 05 33	13-2388		45 Degree Angle Connector <small>(26 05 33 13-2354)</small>		
26 05 33	13-2389	EA	3/8" 45 Degree Angle Liquid Tight Connector.....	17.06	4.36
			<i>For Work In Restricted Working Space, Add</i>	3.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.28	
26 05 33	13-2390	EA	1/2" 45 Degree Angle Liquid Tight Connector.....	17.26	4.36
			<i>For Work In Restricted Working Space, Add</i>	3.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.28	
26 05 33	13-2391	EA	3/4" 45 Degree Angle Liquid Tight Connector.....	20.62	4.76
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	
26 05 33	13-2392	EA	1" 45 Degree Angle Liquid Tight Connector.....	32.00	5.56
			<i>For Work In Restricted Working Space, Add</i>	4.17	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.17	
26 05 33	13-2393	EA	1-1/4" 45 Degree Angle Liquid Tight Connector.....	36.59	5.96
			<i>For Work In Restricted Working Space, Add</i>	4.46	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.46	
26 05 33	13-2394	EA	1-1/2" 45 Degree Angle Liquid Tight Connector.....	41.19	6.35
			<i>For Work In Restricted Working Space, Add</i>	4.76	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.76	
26 05 33	13-2395		Flexible Metallic Conduit And Connectors <small>(26 05 33 13-2353)</small>		
26 05 33	13-2396		Flexible Steel Conduit <small>(26 05 33 13-2395)</small>		
26 05 33	13-2397	LF	3/8" Flexible Metallic Conduit.....	3.96	1.30
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.80	
			<i>For Installation In Metal Stud Wall, Add</i>	0.32	
			<i>For Work In Restricted Working Space, Add</i>	0.96	
			<i>For Flexible Aluminum Conduit, Add</i>	0.13	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.48	
26 05 33	13-2398	LF	1/2" Flexible Metallic Conduit.....	4.11	1.30
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.82	
			<i>For Installation In Metal Stud Wall, Add</i>	0.33	
			<i>For Work In Restricted Working Space, Add</i>	0.98	
			<i>For Flexible Aluminum Conduit, Add</i>	0.14	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.49	
26 05 33	13-2399	LF	3/4" Flexible Metallic Conduit.....	4.69	1.73
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.88	
			<i>For Installation In Metal Stud Wall, Add</i>	0.35	
			<i>For Work In Restricted Working Space, Add</i>	1.06	
			<i>For Flexible Aluminum Conduit, Add</i>	0.19	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.53	
26 05 33	13-2400	LF	1" Flexible Metallic Conduit.....	5.96	1.73
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	0.95	
			<i>For Installation In Metal Stud Wall, Add</i>	0.38	
			<i>For Work In Restricted Working Space, Add</i>	1.14	
			<i>For Flexible Aluminum Conduit, Add</i>	0.36	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.57	
26 05 33	13-2401	LF	1-1/4" Flexible Metallic Conduit.....	6.83	2.18
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.01	
			<i>For Installation In Metal Stud Wall, Add</i>	0.40	
			<i>For Work In Restricted Working Space, Add</i>	1.21	
			<i>For Flexible Aluminum Conduit, Add</i>	0.46	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.60	
26 05 33	13-2402	LF	1-1/2" Flexible Metallic Conduit.....	9.11	2.61
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.05	
			<i>For Installation In Metal Stud Wall, Add</i>	0.42	
			<i>For Work In Restricted Working Space, Add</i>	1.25	
			<i>For Flexible Aluminum Conduit, Add</i>	0.81	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.63	
26 05 33	13-2403	LF	2" Flexible Metallic Conduit.....	10.38	3.48
			<i>For Installation In Wood Stud Wall (Includes Drilling), Add</i>	1.09	
			<i>For Installation In Metal Stud Wall, Add</i>	0.43	
			<i>For Work In Restricted Working Space, Add</i>	1.30	
			<i>For Flexible Aluminum Conduit, Add</i>	1.00	
			<i>For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add</i>	0.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2404 LF 2-1/2" Flexible Steel Conduit	12.74	3.91
For Installation In Wood Stud Wall (Includes Drilling), Add	1.36	
For Installation In Metal Stud Wall, Add	0.54	
For Work In Restricted Working Space, Add	1.63	
For Flexible Aluminum Conduit, Add	1.21	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.81	
26 05 33 13-2405 LF 3" Flexible Metallic Conduit.....	19.23	4.78
For Installation In Wood Stud Wall (Includes Drilling), Add	1.63	
For Installation In Metal Stud Wall, Add	0.65	
For Work In Restricted Working Space, Add	1.96	
For Flexible Aluminum Conduit, Add	2.10	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	0.98	
26 05 33 13-2406 LF 3-1/2" Flexible Metallic Conduit	23.63	5.21
For Installation In Wood Stud Wall (Includes Drilling), Add	1.90	
For Installation In Metal Stud Wall, Add	0.76	
For Work In Restricted Working Space, Add	2.28	
For Flexible Aluminum Conduit, Add	2.64	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.14	
26 05 33 13-2407 LF 4" Flexible Metallic Conduit.....	27.17	6.09
For Installation In Wood Stud Wall (Includes Drilling), Add	2.17	
For Installation In Metal Stud Wall, Add	0.87	
For Work In Restricted Working Space, Add	2.61	
For Flexible Aluminum Conduit, Add	3.05	
For Installation In Concrete Beam, Slab, Etc. (Excludes Concrete), Add	1.30	
26 05 33 13-2408 Plain Squeeze Type Straight Connector (26 05 33 13-2395)		
26 05 33 13-2409 EA 3/8" Flexible Straight Connectors, Plain.....	6.84	3.48
For Work In Restricted Working Space, Add	1.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.47	
26 05 33 13-2410 EA 1/2" Flexible Straight Connectors, Plain.....	8.52	3.91
For Work In Restricted Working Space, Add	1.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.63	
26 05 33 13-2411 EA 3/4" Flexible Straight Connectors, Plain.....	9.78	4.78
For Work In Restricted Working Space, Add	1.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.96	
26 05 33 13-2412 EA 1" Flexible Straight Connectors, Plain.....	15.84	5.21
For Work In Restricted Working Space, Add	2.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.61	
26 05 33 13-2413 EA 1-1/4" Flexible Straight Connectors, Plain	22.58	6.09
For Work In Restricted Working Space, Add	3.26	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.26	
26 05 33 13-2414 EA 1-1/2" Flexible Straight Connectors, Plain	29.85	7.39
For Work In Restricted Working Space, Add	4.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2415 EA 2" Flexible Straight Connectors, Plain.....	39.42	7.39
For Work In Restricted Working Space, Add	4.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.89	
26 05 33 13-2416 EA 2-1/2" Flexible Straight Connectors, Plain	64.45	9.12
For Work In Restricted Working Space, Add	5.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.70	
26 05 33 13-2417 EA 3" Flexible Straight Connectors, Plain.....	84.72	9.99
For Work In Restricted Working Space, Add	6.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.52	
26 05 33 13-2418 EA 3-1/2" Flexible Straight Connectors, Plain	268.09	11.73
For Work In Restricted Working Space, Add	7.33	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.33	
26 05 33 13-2419 EA 4" Flexible Straight Connectors, Plain.....	335.40	14.34
For Work In Restricted Working Space, Add	8.15	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	8.15	
26 05 33 13-2420 Insulated Throat Squeeze Type Straight Connector (26 05 33 13-2395)		
26 05 33 13-2421 EA 1/2" Flexible Straight Connectors, Insulated.....	9.59	3.91
For Work In Restricted Working Space, Add	1.63	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.63	
26 05 33 13-2422 EA 3/4" Flexible Straight Connectors, Insulated.....	11.18	4.78
For Work In Restricted Working Space, Add	1.96	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.96	
26 05 33 13-2423 EA 1" Flexible Straight Connectors, Insulated.....	17.75	5.21
For Work In Restricted Working Space, Add	2.61	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	2.61	
26 05 33 13-2424 EA 1-1/4" Flexible Straight Connectors, Insulated.....	26.08	6.09
For Work In Restricted Working Space, Add	3.26	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	3.26	
26 05 33 13-2425 EA 1-1/2" Flexible Straight Connectors, Insulated.....	36.06	6.52
For Work In Restricted Working Space, Add	4.07	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.07	
26 05 33 13-2426 EA 2" Flexible Straight Connectors, Insulated.....	50.40	7.39
For Work In Restricted Working Space, Add	4.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	4.89	
26 05 33 13-2427 EA 2-1/2" Flexible Straight Connectors, Insulated.....	87.95	9.12
For Work In Restricted Working Space, Add	5.70	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.70	
26 05 33 13-2428 EA 3" Flexible Straight Connectors, Insulated.....	112.42	9.99
For Work In Restricted Working Space, Add	6.52	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	6.52	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2429	EA	3-1/2" Flexible Straight Connectors, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	310.78 7.33 7.33	11.73
26 05 33	13-2430	EA	4" Flexible Straight Connectors, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	399.59 8.15 8.15	14.34
26 05 33 13-2431 Plain Squeeze Type 90 Degree Connector (26 05 33 13-2395)					
26 05 33	13-2432	EA	3/8" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.64 1.96 1.96	4.34
26 05 33	13-2433	EA	1/2" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12.84 2.28 2.28	4.78
26 05 33	13-2434	EA	3/4" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.87 2.61 2.61	5.21
26 05 33	13-2435	EA	1" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.78 3.26 3.26	6.09
26 05 33	13-2436	EA	1-1/4" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.55 3.91 3.91	6.52
26 05 33	13-2437	EA	1-1/2" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.14 4.89 4.89	7.61
26 05 33	13-2438	EA	2" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.46 5.54 5.54	9.34
26 05 33	13-2439	EA	2-1/2" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	159.83 6.52 6.52	9.99
26 05 33	13-2440	EA	3" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	205.76 7.33 7.33	11.73
26 05 33	13-2441	EA	3-1/2" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	439.50 8.15 8.15	14.34
26 05 33	13-2442	EA	4" Flexible 90 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	787.13 9.78 9.78	16.29
26 05 33 13-2443 Insulated Throat Squeeze Type 90 Degree Connector (26 05 33 13-2395)					
26 05 33	13-2444	EA	1/2" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.31 2.28 2.28	4.78
26 05 33	13-2445	EA	3/4" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.70 2.61 2.61	5.21
26 05 33	13-2446	EA	1" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.78 3.26 3.26	6.09
26 05 33	13-2447	EA	1-1/4" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.03 3.91 3.91	6.52
26 05 33	13-2448	EA	1-1/2" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70.91 4.89 4.89	7.61
26 05 33	13-2449	EA	2" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	90.59 5.54 5.54	9.34
26 05 33	13-2450	EA	2-1/2" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	219.65 6.52 6.52	9.99
26 05 33	13-2451	EA	3" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	270.57 7.33 7.33	11.73
26 05 33	13-2452	EA	3-1/2" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	733.24 8.15 8.15	14.34
26 05 33	13-2453	EA	4" Flexible 90 Degree Connector, Insulated <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,094.78 9.78 9.78	16.29
26 05 33 13-2454 Plain Squeeze Type 45 Degree Connector (26 05 33 13-2395)					
26 05 33	13-2455	EA	3/8" Flexible 45 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10.83 1.96 1.96	4.34
26 05 33	13-2456	EA	1/2" Flexible 45 Degree Connector, Plain <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.75 2.28 2.28	4.78

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2457 EA 3/4" Flexible 45 Degree Connector, Plain.....	19.00	5.21
<i>For Work In Restricted Working Space, Add</i>	2.61	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.61	
26 05 33 13-2458 Insulated Squeeze Type 45 Degree Connector (26 05 33 13-2395)		
26 05 33 13-2459 EA 3/8" Flexible 45 Degree Connector, Insulated	11.66	5.21
<i>For Work In Restricted Working Space, Add</i>	1.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.96	
26 05 33 13-2460 EA 1/2" Flexible 45 Degree Connector, Insulated	16.10	4.78
<i>For Work In Restricted Working Space, Add</i>	2.28	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.28	
26 05 33 13-2461 EA 3/4" Flexible 45 Degree Connector, Insulated	20.92	5.21
<i>For Work In Restricted Working Space, Add</i>	2.61	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.61	
26 05 33 13-2462 Plain Screw-In Connector (26 05 33 13-2395)		
26 05 33 13-2463 EA 3/8" Flexible Steel Screw-in Connector, Plain.....	5.61	3.48
<i>For Work In Restricted Working Space, Add</i>	1.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.47	
26 05 33 13-2464 EA 1/2" Flexible Steel Screw-in Connector, Plain.....	6.03	3.91
<i>For Work In Restricted Working Space, Add</i>	1.63	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.63	
26 05 33 13-2465 EA 3/4" Flexible Steel Screw-in Connector, Plain.....	7.73	4.78
<i>For Work In Restricted Working Space, Add</i>	1.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.96	
26 05 33 13-2466 EA 1" Flexible Steel Screw-in Connector, Plain.....	11.13	5.21
<i>For Work In Restricted Working Space, Add</i>	2.61	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.61	
26 05 33 13-2467 EA 1-1/4" Flexible Steel Screw-in Connector, Plain	16.58	6.09
<i>For Work In Restricted Working Space, Add</i>	3.26	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.26	
26 05 33 13-2468 EA 1-1/2" Flexible Steel Screw-in Connector, Plain	20.23	6.52
<i>For Work In Restricted Working Space, Add</i>	4.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33 13-2469 EA 2" Flexible Steel Screw-in Connector, Plain.....	30.10	7.39
<i>For Work In Restricted Working Space, Add</i>	4.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 05 33 13-2470 Insulated Screw-In Connector (26 05 33 13-2395)		
26 05 33 13-2471 EA 3/8" Flexible Steel Screw-in Connector, Insulated	5.97	3.48
<i>For Work In Restricted Working Space, Add</i>	1.47	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.47	
26 05 33 13-2472 EA 1/2" Flexible Steel Screw-in Connector, Insulated	6.31	3.91
<i>For Work In Restricted Working Space, Add</i>	1.63	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.63	
26 05 33 13-2473 EA 3/4" Flexible Steel Screw-in Connector, Insulated	8.46	4.78
<i>For Work In Restricted Working Space, Add</i>	1.96	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.96	
26 05 33 13-2474 EA 1" Flexible Steel Screw-in Connector, Insulated	12.24	5.21
<i>For Work In Restricted Working Space, Add</i>	2.61	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.61	
26 05 33 13-2475 EA 1-1/4" Flexible Steel Screw-in Connector, Insulated	18.16	6.09
<i>For Work In Restricted Working Space, Add</i>	3.26	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.26	
26 05 33 13-2476 EA 1-1/2" Flexible Steel Screw-in Connector, Insulated	22.12	6.52
<i>For Work In Restricted Working Space, Add</i>	4.07	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33 13-2477 EA 2" Flexible Steel Screw-in Connector, Insulated.....	31.76	7.39
<i>For Work In Restricted Working Space, Add</i>	4.89	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 05 33 13-2478 Screw-In Coupling (26 05 33 13-2395)		
26 05 33 13-2479 EA 1/2" Flexible Steel Screw-in Coupling	6.72	3.91
<i>For Work In Restricted Working Space, Add</i>	1.63	
26 05 33 13-2480 EA 3/4" Flexible Steel Screw-in Coupling	8.88	4.78
<i>For Work In Restricted Working Space, Add</i>	1.96	
26 05 33 13-2481 Flexible To Electrical Metallic Tubing (EMT) Coupling (26 05 33 13-2395)		
26 05 33 13-2482 EA 3/8" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	9.28	3.48
<i>For Work In Restricted Working Space, Add</i>	1.47	
26 05 33 13-2483 EA 1/2" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	12.75	3.91
<i>For Work In Restricted Working Space, Add</i>	1.63	
26 05 33 13-2484 EA 3/4" Flexible Steel To Electrical Metallic Tubing (EMT) Coupling	16.93	4.78
<i>For Work In Restricted Working Space, Add</i>	1.96	
26 05 33 13-2485 Die Cast Squeeze Type Straight Connector (26 05 33 13-2395)		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2486	EA	3/8" Flexible Straight Connector, Die Cast.....	5.83	3.48
			<i>For Work In Restricted Working Space, Add</i>	1.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.47	
26 05 33	13-2487	EA	1/2" Flexible Straight Connector, Die Cast.....	6.60	3.91
			<i>For Work In Restricted Working Space, Add</i>	1.63	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.63	
26 05 33	13-2488	EA	3/4" Flexible Straight Connector, Die Cast.....	8.22	4.78
			<i>For Work In Restricted Working Space, Add</i>	1.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.96	
26 05 33	13-2489	EA	1" Flexible Straight Connector, Die Cast.....	12.49	5.21
			<i>For Work In Restricted Working Space, Add</i>	2.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.61	
26 05 33	13-2490	EA	1-1/4" Flexible Straight Connector, Die Cast.....	16.92	6.09
			<i>For Work In Restricted Working Space, Add</i>	3.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.26	
26 05 33	13-2491	EA	1-1/2" Flexible Straight Connector, Die Cast.....	23.07	6.52
			<i>For Work In Restricted Working Space, Add</i>	4.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.07	
26 05 33	13-2492	EA	2" Flexible Straight Connector, Die Cast.....	29.95	7.39
			<i>For Work In Restricted Working Space, Add</i>	4.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 05 33	13-2493		Die Cast Squeeze Type 90 Degree Connector (26 05 33 13-2395)		
26 05 33	13-2494	EA	3/8" Flexible 90 Degree Connector, Die Cast	7.72	4.34
			<i>For Work In Restricted Working Space, Add</i>	1.96	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1.96	
26 05 33	13-2495	EA	1/2" Flexible 90 Degree Connector, Die Cast	9.62	4.78
			<i>For Work In Restricted Working Space, Add</i>	2.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.28	
26 05 33	13-2496	EA	3/4" Flexible 90 Degree Connector, Die Cast	11.72	5.21
			<i>For Work In Restricted Working Space, Add</i>	2.61	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.61	
26 05 33	13-2497	EA	1" Flexible 90 Degree Connector, Die Cast	18.89	6.09
			<i>For Work In Restricted Working Space, Add</i>	3.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.26	
26 05 33	13-2498	EA	1-1/4" Flexible 90 Degree Connector, Die Cast	27.02	6.52
			<i>For Work In Restricted Working Space, Add</i>	3.91	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.91	
26 05 33	13-2499	EA	1-1/2" Flexible 90 Degree Connector, Die Cast	42.41	7.61
			<i>For Work In Restricted Working Space, Add</i>	4.89	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 05 33	13-2500	EA	2" Flexible 90 Degree Connector, Die Cast	50.82	9.34
			<i>For Work In Restricted Working Space, Add</i>	5.54	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.54	
26 05 33	13-2501		Flexible Liquid Tight Non-Metallic Conduit And Connectors (26 05 33 13-2353)		
26 05 33	13-2502		Flexible Liquid Tight Non-Metallic Conduit (26 05 33 13-2501)		
26 05 33	13-2503	LF	3/8" Flexible Liquid Tight Non-Metallic Conduit.....	3.87	1.19
			<i>For Work In Restricted Working Space, Add</i>	0.89	
26 05 33	13-2504	LF	1/2" Flexible Liquid Tight Non-Metallic Conduit.....	3.95	1.19
			<i>For Work In Restricted Working Space, Add</i>	0.89	
26 05 33	13-2505	LF	3/4" Flexible Liquid Tight Non-Metallic Conduit.....	5.31	1.58
			<i>For Work In Restricted Working Space, Add</i>	1.19	
26 05 33	13-2506	LF	1" Flexible Liquid Tight Non-Metallic Conduit.....	6.67	1.58
			<i>For Work In Restricted Working Space, Add</i>	1.19	
26 05 33	13-2507	LF	1-1/4" Flexible Liquid Tight Non-Metallic Conduit	8.47	1.99
			<i>For Work In Restricted Working Space, Add</i>	1.49	
26 05 33	13-2508	LF	1-1/2" Flexible Liquid Tight Non-Metallic Conduit	10.84	2.39
			<i>For Work In Restricted Working Space, Add</i>	1.79	
26 05 33	13-2509	LF	2" Flexible Liquid Tight Non-Metallic Conduit.....	13.89	3.18
			<i>For Work In Restricted Working Space, Add</i>	2.38	
26 05 33	13-2510		Liquid Tight Non-Metallic Straight Connector (26 05 33 13-2501)		
26 05 33	13-2511	EA	3/8" Liquid Tight Non-Metallic Straight Connector	11.22	3.18
			<i>For Work In Restricted Working Space, Add</i>	2.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.38	
26 05 33	13-2512	EA	1/2" Liquid Tight Non-Metallic Straight Connector	11.22	3.18
			<i>For Work In Restricted Working Space, Add</i>	2.38	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.38	
26 05 33	13-2513	EA	3/4" Liquid Tight Non-Metallic Straight Connector	13.80	3.57
			<i>For Work In Restricted Working Space, Add</i>	2.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.68	
26 05 33	13-2514	EA	1" Liquid Tight Non-Metallic Straight Connector	17.23	3.97
			<i>For Work In Restricted Working Space, Add</i>	2.98	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.98	
26 05 33	13-2515	EA	1-1/4" Liquid Tight Non-Metallic Straight Connector	24.02	4.36
			<i>For Work In Restricted Working Space, Add</i>	3.28	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.28	
26 05 33	13-2516	EA	1-1/2" Liquid Tight Non-Metallic Straight Connector	30.14	4.76
			<i>For Work In Restricted Working Space, Add</i>	3.57	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2517 EA 2" Liquid Tight Non-Metallic Straight Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.35 4.17 4.17	5.56
26 05 33 13-2518 Liquid Tight Non-Metallic 90 Degree Angle Connector <small>(26 05 33 13-2501)</small>		
26 05 33 13-2519 EA 3/8" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.26 3.28 3.28	4.36
26 05 33 13-2520 EA 1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.26 3.28 3.28	4.36
26 05 33 13-2521 EA 3/4" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.12 3.57 3.57	4.76
26 05 33 13-2522 EA 1" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.72 4.17 4.17	5.56
26 05 33 13-2523 EA 1-1/4" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.64 4.46 4.46	5.96
26 05 33 13-2524 EA 1-1/2" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.52 4.76 4.76	6.35
26 05 33 13-2525 EA 2" Liquid Tight Non-Metallic 90 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.17 5.36 5.36	7.14
26 05 33 13-2526 Liquid Tight Non-Metallic 45 Degree Angle Connector <small>(26 05 33 13-2501)</small>		
26 05 33 13-2527 EA 3/8" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.26 3.28 3.28	4.36
26 05 33 13-2528 EA 1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.26 3.28 3.28	4.36
26 05 33 13-2529 EA 3/4" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.12 3.57 3.57	4.76
26 05 33 13-2530 EA 1" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.72 4.17 4.17	5.56
26 05 33 13-2531 EA 1-1/4" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.64 4.46 4.46	5.96
26 05 33 13-2532 EA 1-1/2" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.52 4.76 4.76	6.35
26 05 33 13-2533 EA 2" Liquid Tight Non-Metallic 45 Degree Angle Connector <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	64.17 5.36 5.36	7.14
26 05 33 13-2534 Blue ENT Electrical Non-Metallic Tubing <small>(26 05 33 13-2533)</small> Note: Carlon - FLEX-PLUS.		
26 05 33 13-2535 Blue ENT Electrical Non-Metallic Tubing <small>(26 05 33 13-2534)</small>		
26 05 33 13-2536 LF 1/2" Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	4.82 0.98	1.30
26 05 33 13-2537 LF 3/4" Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	6.51 1.30	1.73
26 05 33 13-2538 LF 1" Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	7.85 1.30	1.73
26 05 33 13-2539 Terminal Adapter <small>(26 05 33 13-2534)</small>		
26 05 33 13-2540 EA 1/2" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.25 2.61 2.61	3.48
26 05 33 13-2541 EA 3/4" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.45 2.93 2.93	3.91
26 05 33 13-2542 EA 1" Quick Connect Terminal Adapter For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.89 3.26 3.26	4.34
26 05 33 13-2543 Coupling <small>(26 05 33 13-2534)</small>		
26 05 33 13-2544 EA 1/2" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	10.92 2.61	3.48
26 05 33 13-2545 EA 3/4" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	12.67 2.93	3.91
26 05 33 13-2546 EA 1" Quick Connect Coupling For Blue ENT Electrical Non-Metallic Tubing <i>For Work In Restricted Working Space, Add</i>	15.21 3.26	4.34

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2547		Metallic Conduit Bodies <small>(26 05 33 13-0058)</small>		
26 05 33	13-2548		Threaded, Cast Aluminum Conduit Body <small>(26 05 33 13-2547)</small> Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), Intermediate Metal Conduit (IMC), or Aluminum Rigid Conduit (ARC)		
26 05 33	13-2549		Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2548)</small>		
26 05 33	13-2550	EA	1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	57.01	19.05
			<i>For Work In Restricted Working Space, Add</i>	14.29	
			<i>For Mogul LB, Add</i>	4.65	
			<i>For Elevated Installation >10' To 15', Add</i>	4.76	
			<i>For Elevated Installation >15' To 20', Add</i>	9.53	
			<i>For Elevated Installation >20' To 25', Add</i>	11.91	
			<i>For Elevated Installation >25' To 30', Add</i>	16.67	
			<i>For Elevated Installation >30' To 35', Add</i>	19.06	
			<i>For Elevated Installation >35' To 40', Add</i>	23.82	
			<i>For Elevated Installation >40', Add</i>	26.20	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.29	
26 05 33	13-2551	EA	3/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	67.31	21.83
			<i>For Work In Restricted Working Space, Add</i>	16.37	
			<i>For Mogul LB, Add</i>	6.82	
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.92	
			<i>For Elevated Installation >20' To 25', Add</i>	13.65	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.37	
26 05 33	13-2552	EA	1" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	81.63	25.40
			<i>For Work In Restricted Working Space, Add</i>	19.05	
			<i>For Mogul LB, Add</i>	10.41	
			<i>For Elevated Installation >10' To 15', Add</i>	6.35	
			<i>For Elevated Installation >15' To 20', Add</i>	12.70	
			<i>For Elevated Installation >20' To 25', Add</i>	15.88	
			<i>For Elevated Installation >25' To 30', Add</i>	22.23	
			<i>For Elevated Installation >30' To 35', Add</i>	25.40	
			<i>For Elevated Installation >35' To 40', Add</i>	31.76	
			<i>For Elevated Installation >40', Add</i>	34.93	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.05	
26 05 33	13-2553	EA	1-1/4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	99.51	28.98
			<i>For Work In Restricted Working Space, Add</i>	21.74	
			<i>For Mogul LB, Add</i>	16.67	
			<i>For Elevated Installation >10' To 15', Add</i>	7.25	
			<i>For Elevated Installation >15' To 20', Add</i>	14.49	
			<i>For Elevated Installation >20' To 25', Add</i>	18.11	
			<i>For Elevated Installation >25' To 30', Add</i>	25.36	
			<i>For Elevated Installation >30' To 35', Add</i>	28.98	
			<i>For Elevated Installation >35' To 40', Add</i>	36.23	
			<i>For Elevated Installation >40', Add</i>	39.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.74	
26 05 33	13-2554	EA	1-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	114.29	31.76
			<i>For Work In Restricted Working Space, Add</i>	23.81	
			<i>For Mogul LB, Add</i>	22.21	
			<i>For Elevated Installation >10' To 15', Add</i>	7.94	
			<i>For Elevated Installation >15' To 20', Add</i>	15.88	
			<i>For Elevated Installation >20' To 25', Add</i>	19.85	
			<i>For Elevated Installation >25' To 30', Add</i>	27.78	
			<i>For Elevated Installation >30' To 35', Add</i>	31.75	
			<i>For Elevated Installation >35' To 40', Add</i>	39.69	
			<i>For Elevated Installation >40', Add</i>	43.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.81	
26 05 33	13-2555	EA	2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	151.66	38.11
			<i>For Work In Restricted Working Space, Add</i>	28.58	
			<i>For Mogul LB, Add</i>	37.53	
			<i>For Elevated Installation >10' To 15', Add</i>	9.53	
			<i>For Elevated Installation >15' To 20', Add</i>	19.05	
			<i>For Elevated Installation >20' To 25', Add</i>	23.82	
			<i>For Elevated Installation >25' To 30', Add</i>	33.34	
			<i>For Elevated Installation >30' To 35', Add</i>	38.11	
			<i>For Elevated Installation >35' To 40', Add</i>	47.64	
			<i>For Elevated Installation >40', Add</i>	52.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.58	
26 05 33	13-2556	EA	2-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	258.78	53.59
			<i>For Work In Restricted Working Space, Add</i>	40.19	
			<i>For Mogul LB, Add</i>	86.91	
			<i>For Elevated Installation >10' To 15', Add</i>	13.40	
			<i>For Elevated Installation >15' To 20', Add</i>	26.79	
			<i>For Elevated Installation >20' To 25', Add</i>	33.49	
			<i>For Elevated Installation >25' To 30', Add</i>	46.89	
			<i>For Elevated Installation >30' To 35', Add</i>	53.59	
			<i>For Elevated Installation >35' To 40', Add</i>	66.99	
			<i>For Elevated Installation >40', Add</i>	73.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2557 EA 3" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	339.78	71.45
For Work In Restricted Working Space, Add	53.59	
For Mogul LB, Add	111.93	
For Elevated Installation >10' To 15', Add	17.86	
For Elevated Installation >15' To 20', Add	35.73	
For Elevated Installation >20' To 25', Add	44.66	
For Elevated Installation >25' To 30', Add	62.52	
For Elevated Installation >30' To 35', Add	71.45	
For Elevated Installation >35' To 40', Add	89.32	
For Elevated Installation >40', Add	98.25	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.59	
26 05 33 13-2558 EA 3-1/2" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	453.75	89.31
For Work In Restricted Working Space, Add	66.98	
For Mogul LB, Add	161.69	
For Elevated Installation >10' To 15', Add	22.33	
For Elevated Installation >15' To 20', Add	44.66	
For Elevated Installation >20' To 25', Add	55.82	
For Elevated Installation >25' To 30', Add	78.15	
For Elevated Installation >30' To 35', Add	89.31	
For Elevated Installation >35' To 40', Add	111.64	
For Elevated Installation >40', Add	122.80	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	66.98	
26 05 33 13-2559 EA 4" Type LB, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	592.16	108.77
For Work In Restricted Working Space, Add	81.57	
For Mogul LB, Add	226.59	
For Elevated Installation >10' To 15', Add	27.19	
For Elevated Installation >15' To 20', Add	54.38	
For Elevated Installation >20' To 25', Add	67.98	
For Elevated Installation >25' To 30', Add	95.17	
For Elevated Installation >30' To 35', Add	108.76	
For Elevated Installation >35' To 40', Add	135.96	
For Elevated Installation >40', Add	149.55	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	81.57	
26 05 33 13-2560 Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2548)</small>		
26 05 33 13-2561 EA 1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	58.15	19.05
For Work In Restricted Working Space, Add	14.29	
For Mogul LB, Add	5.50	
For Elevated Installation >10' To 15', Add	4.76	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.67	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.82	
For Elevated Installation >40', Add	26.20	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.29	
26 05 33 13-2562 EA 3/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	68.42	21.83
For Work In Restricted Working Space, Add	16.37	
For Mogul LB, Add	7.65	
For Elevated Installation >10' To 15', Add	5.46	
For Elevated Installation >15' To 20', Add	10.92	
For Elevated Installation >20' To 25', Add	13.65	
For Elevated Installation >25' To 30', Add	19.10	
For Elevated Installation >30' To 35', Add	21.83	
For Elevated Installation >35' To 40', Add	27.29	
For Elevated Installation >40', Add	30.02	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.37	
26 05 33 13-2563 EA 1" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	83.87	25.40
For Work In Restricted Working Space, Add	19.05	
For Mogul LB, Add	12.09	
For Elevated Installation >10' To 15', Add	6.35	
For Elevated Installation >15' To 20', Add	12.70	
For Elevated Installation >20' To 25', Add	15.88	
For Elevated Installation >25' To 30', Add	22.23	
For Elevated Installation >30' To 35', Add	25.40	
For Elevated Installation >35' To 40', Add	31.76	
For Elevated Installation >40', Add	34.93	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.05	
26 05 33 13-2564 EA 1-1/4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	102.24	28.98
For Work In Restricted Working Space, Add	21.74	
For Mogul LB, Add	18.72	
For Elevated Installation >10' To 15', Add	7.25	
For Elevated Installation >15' To 20', Add	14.49	
For Elevated Installation >20' To 25', Add	18.11	
For Elevated Installation >25' To 30', Add	25.36	
For Elevated Installation >30' To 35', Add	28.98	
For Elevated Installation >35' To 40', Add	36.23	
For Elevated Installation >40', Add	39.85	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.74	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 05 33 13-2565	EA	1-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	118.94	31.76
		<i>For Work In Restricted Working Space, Add</i>	23.81	
		<i>For Mogul LB, Add</i>	25.70	
		<i>For Elevated Installation >10' To 15', Add</i>	7.94	
		<i>For Elevated Installation >15' To 20', Add</i>	15.88	
		<i>For Elevated Installation >20' To 25', Add</i>	19.85	
		<i>For Elevated Installation >25' To 30', Add</i>	27.78	
		<i>For Elevated Installation >30' To 35', Add</i>	31.75	
		<i>For Elevated Installation >35' To 40', Add</i>	39.69	
		<i>For Elevated Installation >40', Add</i>	43.66	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.81	
26 05 33 13-2566	EA	2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	161.63	38.11
		<i>For Work In Restricted Working Space, Add</i>	28.58	
		<i>For Mogul LB, Add</i>	45.01	
		<i>For Elevated Installation >10' To 15', Add</i>	9.53	
		<i>For Elevated Installation >15' To 20', Add</i>	19.05	
		<i>For Elevated Installation >20' To 25', Add</i>	23.82	
		<i>For Elevated Installation >25' To 30', Add</i>	33.34	
		<i>For Elevated Installation >30' To 35', Add</i>	38.11	
		<i>For Elevated Installation >35' To 40', Add</i>	47.64	
		<i>For Elevated Installation >40', Add</i>	52.40	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.58	
26 05 33 13-2567	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	253.75	53.59
		<i>For Work In Restricted Working Space, Add</i>	40.19	
		<i>For Mogul LB, Add</i>	83.14	
		<i>For Elevated Installation >10' To 15', Add</i>	13.40	
		<i>For Elevated Installation >15' To 20', Add</i>	26.79	
		<i>For Elevated Installation >20' To 25', Add</i>	33.49	
		<i>For Elevated Installation >25' To 30', Add</i>	46.89	
		<i>For Elevated Installation >30' To 35', Add</i>	53.59	
		<i>For Elevated Installation >35' To 40', Add</i>	66.99	
		<i>For Elevated Installation >40', Add</i>	73.68	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.19	
26 05 33 13-2568	EA	3" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	322.86	71.45
		<i>For Work In Restricted Working Space, Add</i>	53.59	
		<i>For Mogul LB, Add</i>	99.24	
		<i>For Elevated Installation >10' To 15', Add</i>	17.86	
		<i>For Elevated Installation >15' To 20', Add</i>	35.73	
		<i>For Elevated Installation >20' To 25', Add</i>	44.66	
		<i>For Elevated Installation >25' To 30', Add</i>	62.52	
		<i>For Elevated Installation >30' To 35', Add</i>	71.45	
		<i>For Elevated Installation >35' To 40', Add</i>	89.32	
		<i>For Elevated Installation >40', Add</i>	98.25	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.59	
26 05 33 13-2569	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	468.16	89.31
		<i>For Work In Restricted Working Space, Add</i>	66.98	
		<i>For Mogul LB, Add</i>	172.50	
		<i>For Elevated Installation >10' To 15', Add</i>	22.33	
		<i>For Elevated Installation >15' To 20', Add</i>	44.66	
		<i>For Elevated Installation >20' To 25', Add</i>	55.82	
		<i>For Elevated Installation >25' To 30', Add</i>	78.15	
		<i>For Elevated Installation >30' To 35', Add</i>	89.31	
		<i>For Elevated Installation >35' To 40', Add</i>	111.64	
		<i>For Elevated Installation >40', Add</i>	122.80	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.98	
26 05 33 13-2570	EA	4" Type LL Or LR, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	621.63	108.77
		<i>For Work In Restricted Working Space, Add</i>	81.57	
		<i>For Mogul LB, Add</i>	248.69	
		<i>For Elevated Installation >10' To 15', Add</i>	27.19	
		<i>For Elevated Installation >15' To 20', Add</i>	54.38	
		<i>For Elevated Installation >20' To 25', Add</i>	67.98	
		<i>For Elevated Installation >25' To 30', Add</i>	95.17	
		<i>For Elevated Installation >30' To 35', Add</i>	108.76	
		<i>For Elevated Installation >35' To 40', Add</i>	135.96	
		<i>For Elevated Installation >40', Add</i>	149.55	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.57	
26 05 33 13-2571		Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover <small>(26 05</small>		
		<small>33 13-2548)</small>		
26 05 33 13-2572	EA	1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover	67.01	21.83
		<i>For Work In Restricted Working Space, Add</i>	16.37	
		<i>For Elevated Installation >10' To 15', Add</i>	5.46	
		<i>For Elevated Installation >15' To 20', Add</i>	10.92	
		<i>For Elevated Installation >20' To 25', Add</i>	13.65	
		<i>For Elevated Installation >25' To 30', Add</i>	19.10	
		<i>For Elevated Installation >30' To 35', Add</i>	21.83	
		<i>For Elevated Installation >35' To 40', Add</i>	27.29	
		<i>For Elevated Installation >40', Add</i>	30.02	
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2573 EA 3/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	79.51	25.40
<i>For Work In Restricted Working Space, Add</i>	19.05	
<i>For Elevated Installation >10' To 15', Add</i>	6.35	
<i>For Elevated Installation >15' To 20', Add</i>	12.70	
<i>For Elevated Installation >20' To 25', Add</i>	15.88	
<i>For Elevated Installation >25' To 30', Add</i>	22.23	
<i>For Elevated Installation >30' To 35', Add</i>	25.40	
<i>For Elevated Installation >35' To 40', Add</i>	31.76	
<i>For Elevated Installation >40', Add</i>	34.93	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.05	
26 05 33 13-2574 EA 1" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	92.12	27.79
<i>For Work In Restricted Working Space, Add</i>	20.84	
<i>For Elevated Installation >10' To 15', Add</i>	6.95	
<i>For Elevated Installation >15' To 20', Add</i>	13.89	
<i>For Elevated Installation >20' To 25', Add</i>	17.37	
<i>For Elevated Installation >25' To 30', Add</i>	24.31	
<i>For Elevated Installation >30' To 35', Add</i>	27.79	
<i>For Elevated Installation >35' To 40', Add</i>	34.74	
<i>For Elevated Installation >40', Add</i>	38.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.84	
26 05 33 13-2575 EA 1-1/4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	113.71	31.76
<i>For Work In Restricted Working Space, Add</i>	23.81	
<i>For Elevated Installation >10' To 15', Add</i>	7.94	
<i>For Elevated Installation >15' To 20', Add</i>	15.88	
<i>For Elevated Installation >20' To 25', Add</i>	19.85	
<i>For Elevated Installation >25' To 30', Add</i>	27.78	
<i>For Elevated Installation >30' To 35', Add</i>	31.75	
<i>For Elevated Installation >35' To 40', Add</i>	39.69	
<i>For Elevated Installation >40', Add</i>	43.66	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.81	
26 05 33 13-2576 EA 1-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	131.94	34.93
<i>For Work In Restricted Working Space, Add</i>	26.20	
<i>For Elevated Installation >10' To 15', Add</i>	8.73	
<i>For Elevated Installation >15' To 20', Add</i>	17.47	
<i>For Elevated Installation >20' To 25', Add</i>	21.83	
<i>For Elevated Installation >25' To 30', Add</i>	30.57	
<i>For Elevated Installation >30' To 35', Add</i>	34.93	
<i>For Elevated Installation >35' To 40', Add</i>	43.67	
<i>For Elevated Installation >40', Add</i>	48.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.20	
26 05 33 13-2577 EA 2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	178.52	40.89
<i>For Work In Restricted Working Space, Add</i>	30.66	
<i>For Elevated Installation >10' To 15', Add</i>	10.22	
<i>For Elevated Installation >15' To 20', Add</i>	20.44	
<i>For Elevated Installation >20' To 25', Add</i>	25.55	
<i>For Elevated Installation >25' To 30', Add</i>	35.77	
<i>For Elevated Installation >30' To 35', Add</i>	40.88	
<i>For Elevated Installation >35' To 40', Add</i>	51.11	
<i>For Elevated Installation >40', Add</i>	56.22	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30.66	
26 05 33 13-2578 EA 2-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	283.68	59.54
<i>For Work In Restricted Working Space, Add</i>	44.66	
<i>For Elevated Installation >10' To 15', Add</i>	14.89	
<i>For Elevated Installation >15' To 20', Add</i>	29.77	
<i>For Elevated Installation >20' To 25', Add</i>	37.21	
<i>For Elevated Installation >25' To 30', Add</i>	52.10	
<i>For Elevated Installation >30' To 35', Add</i>	59.54	
<i>For Elevated Installation >35' To 40', Add</i>	74.43	
<i>For Elevated Installation >40', Add</i>	81.87	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.66	
26 05 33 13-2579 EA 3" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	366.35	77.41
<i>For Work In Restricted Working Space, Add</i>	58.05	
<i>For Elevated Installation >10' To 15', Add</i>	19.35	
<i>For Elevated Installation >15' To 20', Add</i>	38.70	
<i>For Elevated Installation >20' To 25', Add</i>	48.38	
<i>For Elevated Installation >25' To 30', Add</i>	67.73	
<i>For Elevated Installation >30' To 35', Add</i>	77.40	
<i>For Elevated Installation >35' To 40', Add</i>	96.76	
<i>For Elevated Installation >40', Add</i>	106.43	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.05	
26 05 33 13-2580 EA 3-1/2" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	597.15	95.27
<i>For Work In Restricted Working Space, Add</i>	71.45	
<i>For Elevated Installation >10' To 15', Add</i>	23.82	
<i>For Elevated Installation >15' To 20', Add</i>	47.63	
<i>For Elevated Installation >20' To 25', Add</i>	59.54	
<i>For Elevated Installation >25' To 30', Add</i>	83.36	
<i>For Elevated Installation >30' To 35', Add</i>	95.27	
<i>For Elevated Installation >35' To 40', Add</i>	119.09	
<i>For Elevated Installation >40', Add</i>	130.99	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.45	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2581	EA	4" Type T, Threaded, Three Hub Cast Aluminum Conduit Body With Cover.....	682.05	114.72
			<i>For Work In Restricted Working Space, Add</i>	86.04	
			<i>For Elevated Installation >10' To 15', Add</i>	28.68	
			<i>For Elevated Installation >15' To 20', Add</i>	57.36	
			<i>For Elevated Installation >20' To 25', Add</i>	71.70	
			<i>For Elevated Installation >25' To 30', Add</i>	100.38	
			<i>For Elevated Installation >30' To 35', Add</i>	114.72	
			<i>For Elevated Installation >35' To 40', Add</i>	143.40	
			<i>For Elevated Installation >40', Add</i>	157.73	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	86.04	
26 05 33	13-2582		Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33)</small>		
	13-2548	EA	1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	58.39	19.05
			<i>For Work In Restricted Working Space, Add</i>	14.29	
			<i>For Elevated Installation >10' To 15', Add</i>	4.76	
			<i>For Elevated Installation >15' To 20', Add</i>	9.53	
			<i>For Elevated Installation >20' To 25', Add</i>	11.91	
			<i>For Elevated Installation >25' To 30', Add</i>	16.67	
			<i>For Elevated Installation >30' To 35', Add</i>	19.06	
			<i>For Elevated Installation >35' To 40', Add</i>	23.82	
			<i>For Elevated Installation >40', Add</i>	26.20	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.29	
26 05 33	13-2584	EA	3/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	67.64	21.83
			<i>For Work In Restricted Working Space, Add</i>	16.37	
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.92	
			<i>For Elevated Installation >20' To 25', Add</i>	13.65	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.02	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.37	
26 05 33	13-2585	EA	1" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	81.97	25.01
			<i>For Work In Restricted Working Space, Add</i>	18.76	
			<i>For Elevated Installation >10' To 15', Add</i>	6.25	
			<i>For Elevated Installation >15' To 20', Add</i>	12.50	
			<i>For Elevated Installation >20' To 25', Add</i>	15.63	
			<i>For Elevated Installation >25' To 30', Add</i>	21.88	
			<i>For Elevated Installation >30' To 35', Add</i>	25.01	
			<i>For Elevated Installation >35' To 40', Add</i>	31.26	
			<i>For Elevated Installation >40', Add</i>	34.39	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.76	
26 05 33	13-2586	EA	1-1/4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	101.16	28.98
			<i>For Work In Restricted Working Space, Add</i>	21.74	
			<i>For Elevated Installation >10' To 15', Add</i>	7.25	
			<i>For Elevated Installation >15' To 20', Add</i>	14.49	
			<i>For Elevated Installation >20' To 25', Add</i>	18.11	
			<i>For Elevated Installation >25' To 30', Add</i>	25.36	
			<i>For Elevated Installation >30' To 35', Add</i>	28.98	
			<i>For Elevated Installation >35' To 40', Add</i>	36.23	
			<i>For Elevated Installation >40', Add</i>	39.85	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21.74	
26 05 33	13-2587	EA	1-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	113.53	31.76
			<i>For Work In Restricted Working Space, Add</i>	23.81	
			<i>For Elevated Installation >10' To 15', Add</i>	7.94	
			<i>For Elevated Installation >15' To 20', Add</i>	15.88	
			<i>For Elevated Installation >20' To 25', Add</i>	19.85	
			<i>For Elevated Installation >25' To 30', Add</i>	27.78	
			<i>For Elevated Installation >30' To 35', Add</i>	31.75	
			<i>For Elevated Installation >35' To 40', Add</i>	39.69	
			<i>For Elevated Installation >40', Add</i>	43.66	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.81	
26 05 33	13-2588	EA	2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	151.74	38.11
			<i>For Work In Restricted Working Space, Add</i>	28.58	
			<i>For Elevated Installation >10' To 15', Add</i>	9.53	
			<i>For Elevated Installation >15' To 20', Add</i>	19.05	
			<i>For Elevated Installation >20' To 25', Add</i>	23.82	
			<i>For Elevated Installation >25' To 30', Add</i>	33.34	
			<i>For Elevated Installation >30' To 35', Add</i>	38.11	
			<i>For Elevated Installation >35' To 40', Add</i>	47.64	
			<i>For Elevated Installation >40', Add</i>	52.40	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.58	
26 05 33	13-2589	EA	2-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover.....	249.51	53.59
			<i>For Work In Restricted Working Space, Add</i>	40.19	
			<i>For Elevated Installation >10' To 15', Add</i>	13.40	
			<i>For Elevated Installation >15' To 20', Add</i>	26.79	
			<i>For Elevated Installation >20' To 25', Add</i>	33.49	
			<i>For Elevated Installation >25' To 30', Add</i>	46.89	
			<i>For Elevated Installation >30' To 35', Add</i>	53.59	
			<i>For Elevated Installation >35' To 40', Add</i>	66.99	
			<i>For Elevated Installation >40', Add</i>	73.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2590 EA 3" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	320.16	71.45
<i>For Work In Restricted Working Space, Add</i>	53.59	
<i>For Elevated Installation >10' To 15', Add</i>	17.86	
<i>For Elevated Installation >15' To 20', Add</i>	35.73	
<i>For Elevated Installation >20' To 25', Add</i>	44.66	
<i>For Elevated Installation >25' To 30', Add</i>	62.52	
<i>For Elevated Installation >30' To 35', Add</i>	71.45	
<i>For Elevated Installation >35' To 40', Add</i>	89.32	
<i>For Elevated Installation >40', Add</i>	98.25	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.59	
26 05 33 13-2591 EA 3-1/2" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	459.50	89.31
<i>For Work In Restricted Working Space, Add</i>	66.98	
<i>For Elevated Installation >10' To 15', Add</i>	22.33	
<i>For Elevated Installation >15' To 20', Add</i>	44.66	
<i>For Elevated Installation >20' To 25', Add</i>	55.82	
<i>For Elevated Installation >25' To 30', Add</i>	78.15	
<i>For Elevated Installation >30' To 35', Add</i>	89.31	
<i>For Elevated Installation >35' To 40', Add</i>	111.64	
<i>For Elevated Installation >40', Add</i>	122.80	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.98	
26 05 33 13-2592 EA 4" Type C, Threaded, Two Hub Cast Aluminum Conduit Body With Cover	594.87	108.77
<i>For Work In Restricted Working Space, Add</i>	81.57	
<i>For Elevated Installation >10' To 15', Add</i>	27.19	
<i>For Elevated Installation >15' To 20', Add</i>	54.38	
<i>For Elevated Installation >20' To 25', Add</i>	67.98	
<i>For Elevated Installation >25' To 30', Add</i>	95.17	
<i>For Elevated Installation >30' To 35', Add</i>	108.76	
<i>For Elevated Installation >35' To 40', Add</i>	135.96	
<i>For Elevated Installation >40', Add</i>	149.55	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.57	
26 05 33 13-2593 Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2548)</small>		
26 05 33 13-2594 EA 1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	77.78	25.01
<i>For Work In Restricted Working Space, Add</i>	18.76	
<i>For Elevated Installation >10' To 15', Add</i>	6.25	
<i>For Elevated Installation >15' To 20', Add</i>	12.50	
<i>For Elevated Installation >20' To 25', Add</i>	15.63	
<i>For Elevated Installation >25' To 30', Add</i>	21.88	
<i>For Elevated Installation >30' To 35', Add</i>	25.01	
<i>For Elevated Installation >35' To 40', Add</i>	31.26	
<i>For Elevated Installation >40', Add</i>	34.39	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.76	
26 05 33 13-2595 EA 3/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	90.11	27.79
<i>For Work In Restricted Working Space, Add</i>	20.84	
<i>For Elevated Installation >10' To 15', Add</i>	6.95	
<i>For Elevated Installation >15' To 20', Add</i>	13.89	
<i>For Elevated Installation >20' To 25', Add</i>	17.37	
<i>For Elevated Installation >25' To 30', Add</i>	24.31	
<i>For Elevated Installation >30' To 35', Add</i>	27.79	
<i>For Elevated Installation >35' To 40', Add</i>	34.74	
<i>For Elevated Installation >40', Add</i>	38.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.84	
26 05 33 13-2596 EA 1" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	111.33	30.57
<i>For Work In Restricted Working Space, Add</i>	22.93	
<i>For Elevated Installation >10' To 15', Add</i>	7.64	
<i>For Elevated Installation >15' To 20', Add</i>	15.28	
<i>For Elevated Installation >20' To 25', Add</i>	19.11	
<i>For Elevated Installation >25' To 30', Add</i>	26.75	
<i>For Elevated Installation >30' To 35', Add</i>	30.57	
<i>For Elevated Installation >35' To 40', Add</i>	38.21	
<i>For Elevated Installation >40', Add</i>	42.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.93	
26 05 33 13-2597 EA 1-1/4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	128.44	34.93
<i>For Work In Restricted Working Space, Add</i>	26.20	
<i>For Elevated Installation >10' To 15', Add</i>	8.73	
<i>For Elevated Installation >15' To 20', Add</i>	17.47	
<i>For Elevated Installation >20' To 25', Add</i>	21.83	
<i>For Elevated Installation >25' To 30', Add</i>	30.57	
<i>For Elevated Installation >30' To 35', Add</i>	34.93	
<i>For Elevated Installation >35' To 40', Add</i>	43.67	
<i>For Elevated Installation >40', Add</i>	48.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.20	
26 05 33 13-2598 EA 1-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover	167.27	38.11
<i>For Work In Restricted Working Space, Add</i>	28.58	
<i>For Elevated Installation >10' To 15', Add</i>	9.53	
<i>For Elevated Installation >15' To 20', Add</i>	19.05	
<i>For Elevated Installation >20' To 25', Add</i>	23.82	
<i>For Elevated Installation >25' To 30', Add</i>	33.34	
<i>For Elevated Installation >30' To 35', Add</i>	38.11	
<i>For Elevated Installation >35' To 40', Add</i>	47.64	
<i>For Elevated Installation >40', Add</i>	52.40	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.58	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2599	EA	2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	202.01	46.84
			<i>For Work In Restricted Working Space, Add</i>	35.13	
			<i>For Elevated Installation >10' To 15', Add</i>	11.71	
			<i>For Elevated Installation >15' To 20', Add</i>	23.42	
			<i>For Elevated Installation >20' To 25', Add</i>	29.28	
			<i>For Elevated Installation >25' To 30', Add</i>	40.99	
			<i>For Elevated Installation >30' To 35', Add</i>	46.84	
			<i>For Elevated Installation >35' To 40', Add</i>	58.55	
			<i>For Elevated Installation >40', Add</i>	64.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.13	
26 05 33	13-2600	EA	2-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	382.34	68.67
			<i>For Work In Restricted Working Space, Add</i>	51.50	
			<i>For Elevated Installation >10' To 15', Add</i>	17.17	
			<i>For Elevated Installation >15' To 20', Add</i>	34.34	
			<i>For Elevated Installation >20' To 25', Add</i>	42.92	
			<i>For Elevated Installation >25' To 30', Add</i>	60.09	
			<i>For Elevated Installation >30' To 35', Add</i>	68.67	
			<i>For Elevated Installation >35' To 40', Add</i>	85.84	
			<i>For Elevated Installation >40', Add</i>	94.42	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.50	
26 05 33	13-2601	EA	3" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	470.07	89.31
			<i>For Work In Restricted Working Space, Add</i>	66.98	
			<i>For Elevated Installation >10' To 15', Add</i>	22.33	
			<i>For Elevated Installation >15' To 20', Add</i>	44.66	
			<i>For Elevated Installation >20' To 25', Add</i>	55.82	
			<i>For Elevated Installation >25' To 30', Add</i>	78.15	
			<i>For Elevated Installation >30' To 35', Add</i>	89.31	
			<i>For Elevated Installation >35' To 40', Add</i>	111.64	
			<i>For Elevated Installation >40', Add</i>	122.80	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.98	
26 05 33	13-2602	EA	3-1/2" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	675.88	110.35
			<i>For Work In Restricted Working Space, Add</i>	83.36	
			<i>For Elevated Installation >10' To 15', Add</i>	27.79	
			<i>For Elevated Installation >15' To 20', Add</i>	55.57	
			<i>For Elevated Installation >20' To 25', Add</i>	69.47	
			<i>For Elevated Installation >25' To 30', Add</i>	97.25	
			<i>For Elevated Installation >30' To 35', Add</i>	111.15	
			<i>For Elevated Installation >35' To 40', Add</i>	138.94	
			<i>For Elevated Installation >40', Add</i>	152.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.36	
26 05 33	13-2603	EA	4" Type X, Threaded, Four Hub Cast Aluminum Conduit Body With Cover.....	817.01	132.59
			<i>For Work In Restricted Working Space, Add</i>	99.44	
			<i>For Elevated Installation >10' To 15', Add</i>	33.15	
			<i>For Elevated Installation >15' To 20', Add</i>	66.29	
			<i>For Elevated Installation >20' To 25', Add</i>	82.86	
			<i>For Elevated Installation >25' To 30', Add</i>	116.01	
			<i>For Elevated Installation >30' To 35', Add</i>	132.58	
			<i>For Elevated Installation >35' To 40', Add</i>	165.73	
			<i>For Elevated Installation >40', Add</i>	182.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	99.44	
26 05 33	13-2604		Threaded, Malleable Iron Conduit Body <small>(26 05 33 13-2547)</small>		
			Note: For use with Rigid Galvanized Steel (RGS), Galvanized Rigid Steel Conduit (GRC), or Intermediate Metal Conduit (IMC)		
26 05 33	13-2605		Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover <small>(26 05 33 13-2604)</small>		
26 05 33	13-2606	EA	1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	60.21	19.05
			<i>For Elevated Installation >10' To 15', Add</i>	4.76	
			<i>For Elevated Installation >15' To 20', Add</i>	9.53	
			<i>For Elevated Installation >20' To 25', Add</i>	11.91	
			<i>For Elevated Installation >25' To 30', Add</i>	16.67	
			<i>For Elevated Installation >30' To 35', Add</i>	19.06	
			<i>For Elevated Installation >35' To 40', Add</i>	23.82	
			<i>For Elevated Installation >40', Add</i>	26.20	
			<i>For Work In Restricted Working Space, Add</i>	14.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.29	
26 05 33	13-2607	EA	3/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	69.98	21.83
			<i>For Elevated Installation >10' To 15', Add</i>	5.46	
			<i>For Elevated Installation >15' To 20', Add</i>	10.91	
			<i>For Elevated Installation >20' To 25', Add</i>	13.64	
			<i>For Elevated Installation >25' To 30', Add</i>	19.10	
			<i>For Elevated Installation >30' To 35', Add</i>	21.83	
			<i>For Elevated Installation >35' To 40', Add</i>	27.29	
			<i>For Elevated Installation >40', Add</i>	30.01	
			<i>For Work In Restricted Working Space, Add</i>	16.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.37	
26 05 33	13-2608	EA	1" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	86.47	25.40
			<i>For Elevated Installation >10' To 15', Add</i>	6.35	
			<i>For Elevated Installation >15' To 20', Add</i>	12.70	
			<i>For Elevated Installation >20' To 25', Add</i>	15.88	
			<i>For Elevated Installation >25' To 30', Add</i>	22.23	
			<i>For Elevated Installation >30' To 35', Add</i>	25.40	
			<i>For Elevated Installation >35' To 40', Add</i>	31.76	
			<i>For Elevated Installation >40', Add</i>	34.93	
			<i>For Work In Restricted Working Space, Add</i>	19.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2609 EA 1-1/4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	113.64	28.98
For Elevated Installation >10' To 15', Add	7.25	
For Elevated Installation >15' To 20', Add	14.49	
For Elevated Installation >20' To 25', Add	18.11	
For Elevated Installation >25' To 30', Add	25.36	
For Elevated Installation >30' To 35', Add	28.98	
For Elevated Installation >35' To 40', Add	36.23	
For Elevated Installation >40', Add	39.85	
For Work In Restricted Working Space, Add	21.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.74	
26 05 33 13-2610 EA 1-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	129.90	31.76
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
For Work In Restricted Working Space, Add	23.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.81	
26 05 33 13-2611 EA 2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	179.82	38.11
For Elevated Installation >10' To 15', Add	9.53	
For Elevated Installation >15' To 20', Add	19.05	
For Elevated Installation >20' To 25', Add	23.82	
For Elevated Installation >25' To 30', Add	33.34	
For Elevated Installation >30' To 35', Add	38.11	
For Elevated Installation >35' To 40', Add	47.64	
For Elevated Installation >40', Add	52.40	
For Work In Restricted Working Space, Add	28.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.58	
26 05 33 13-2612 EA 2-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	307.05	53.59
For Elevated Installation >10' To 15', Add	13.40	
For Elevated Installation >15' To 20', Add	26.80	
For Elevated Installation >20' To 25', Add	33.50	
For Elevated Installation >25' To 30', Add	46.89	
For Elevated Installation >30' To 35', Add	53.59	
For Elevated Installation >35' To 40', Add	66.99	
For Elevated Installation >40', Add	73.69	
For Work In Restricted Working Space, Add	40.19	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.19	
26 05 33 13-2613 EA 3" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	436.82	71.45
For Elevated Installation >10' To 15', Add	17.86	
For Elevated Installation >15' To 20', Add	35.73	
For Elevated Installation >20' To 25', Add	44.66	
For Elevated Installation >25' To 30', Add	62.52	
For Elevated Installation >30' To 35', Add	71.46	
For Elevated Installation >35' To 40', Add	89.32	
For Elevated Installation >40', Add	98.25	
For Work In Restricted Working Space, Add	53.59	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	53.59	
26 05 33 13-2614 EA 3-1/2" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	605.51	89.31
For Elevated Installation >10' To 15', Add	22.33	
For Elevated Installation >15' To 20', Add	44.66	
For Elevated Installation >20' To 25', Add	55.82	
For Elevated Installation >25' To 30', Add	78.15	
For Elevated Installation >30' To 35', Add	89.31	
For Elevated Installation >35' To 40', Add	111.64	
For Elevated Installation >40', Add	122.80	
For Work In Restricted Working Space, Add	66.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	66.98	
26 05 33 13-2615 EA 4" Type LB, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	723.90	108.77
For Elevated Installation >10' To 15', Add	27.19	
For Elevated Installation >15' To 20', Add	54.38	
For Elevated Installation >20' To 25', Add	67.98	
For Elevated Installation >25' To 30', Add	95.17	
For Elevated Installation >30' To 35', Add	108.76	
For Elevated Installation >35' To 40', Add	135.96	
For Elevated Installation >40', Add	149.55	
For Work In Restricted Working Space, Add	81.57	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	81.57	
26 05 33 13-2616 Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover		
<small>(26 05 33 13-2604)</small>		
26 05 33 13-2617 EA 1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	63.11	19.05
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.29	
26 05 33 13-2618 EA 3/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	70.83	21.83
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.37	
26 05 33 13-2619 EA 1" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	90.91	25.40
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.05	
26 05 33 13-2620 EA 1-1/4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	116.61	28.98
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.74	
26 05 33 13-2621 EA 1-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	133.54	31.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.81	
26 05 33 13-2622 EA 2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	172.35	38.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.58	

26 Electrical

26 05 Common Work Results for Electrical

26 05 33 Raceway and Boxes for Electrical Systems



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2623	EA	2-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	265.55 40.19	53.59
26 05 33	13-2624	EA	3" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	362.20 53.59	71.45
26 05 33	13-2625	EA	3-1/2" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	649.46 66.98	89.31
26 05 33	13-2626	EA	4" Type LL Or LR, Threaded, Two Hub Malleable Iron Conduit Body With Cover <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	756.31 81.57	108.77
26 05 33 13-2627 Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <small>(26 05 33)</small>					
26 05 33	13-2628	EA	1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.32 5.46 10.92 13.65 19.10 21.83 27.29 30.02 16.37 16.37	21.83
26 05 33	13-2629	EA	3/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	88.76 6.45 12.90 16.13 22.58 25.80 32.25 35.48 19.35 19.35	25.40
26 05 33	13-2630	EA	1" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.16 6.95 13.89 17.37 24.31 27.79 34.74 38.21 20.84 20.84	27.79
26 05 33	13-2631	EA	1-1/4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	135.25 7.84 15.68 19.60 27.44 31.36 39.20 43.12 23.52 23.52	31.76
26 05 33	13-2632	EA	1-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	155.65 8.73 17.47 21.83 30.57 34.93 43.67 48.03 26.20 26.20	34.93
26 05 33	13-2633	EA	2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	209.25 10.22 20.44 25.55 35.77 40.88 51.11 56.22 30.66 30.66	40.89
26 05 33	13-2634	EA	2-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Work In Restricted Working Space, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	261.14 14.89 29.77 37.21 52.10 59.54 74.43 81.87 44.66 44.66	59.54

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2635 EA 3" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	380.11	77.41
For Elevated Installation >10' To 15', Add	19.35	
For Elevated Installation >15' To 20', Add	38.70	
For Elevated Installation >20' To 25', Add	48.38	
For Elevated Installation >25' To 30', Add	67.73	
For Elevated Installation >30' To 35', Add	77.40	
For Elevated Installation >35' To 40', Add	96.76	
For Elevated Installation >40', Add	106.43	
For Work In Restricted Working Space, Add	58.05	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	58.05	
26 05 33 13-2636 EA 3-1/2" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover	684.64	95.27
For Elevated Installation >10' To 15', Add	23.82	
For Elevated Installation >15' To 20', Add	47.63	
For Elevated Installation >20' To 25', Add	59.54	
For Elevated Installation >25' To 30', Add	83.36	
For Elevated Installation >30' To 35', Add	95.27	
For Elevated Installation >35' To 40', Add	119.09	
For Elevated Installation >40', Add	130.99	
For Work In Restricted Working Space, Add	71.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.45	
26 05 33 13-2637 EA 4" Type T, Threaded, Three Hub Malleable Iron Conduit Body With Cover.....	789.73	114.72
For Elevated Installation >10' To 15', Add	28.78	
For Elevated Installation >15' To 20', Add	57.56	
For Elevated Installation >20' To 25', Add	71.95	
For Elevated Installation >25' To 30', Add	100.73	
For Elevated Installation >30' To 35', Add	115.12	
For Elevated Installation >35' To 40', Add	143.90	
For Elevated Installation >40', Add	158.28	
For Work In Restricted Working Space, Add	86.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	86.34	
26 05 33 13-2638 Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover <small>(26 05 33 13-2604)</small>		
26 05 33 13-2639 EA 1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	60.42	19.05
For Elevated Installation >10' To 15', Add	4.76	
For Elevated Installation >15' To 20', Add	9.53	
For Elevated Installation >20' To 25', Add	11.91	
For Elevated Installation >25' To 30', Add	16.67	
For Elevated Installation >30' To 35', Add	19.06	
For Elevated Installation >35' To 40', Add	23.82	
For Elevated Installation >40', Add	26.20	
For Work In Restricted Working Space, Add	14.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.29	
26 05 33 13-2640 EA 3/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	73.75	21.83
For Elevated Installation >10' To 15', Add	5.46	
For Elevated Installation >15' To 20', Add	10.92	
For Elevated Installation >20' To 25', Add	13.65	
For Elevated Installation >25' To 30', Add	19.10	
For Elevated Installation >30' To 35', Add	21.83	
For Elevated Installation >35' To 40', Add	27.29	
For Elevated Installation >40', Add	30.02	
For Work In Restricted Working Space, Add	16.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.37	
26 05 33 13-2641 EA 1" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	86.52	25.01
For Elevated Installation >10' To 15', Add	6.25	
For Elevated Installation >15' To 20', Add	12.50	
For Elevated Installation >20' To 25', Add	15.63	
For Elevated Installation >25' To 30', Add	21.88	
For Elevated Installation >30' To 35', Add	25.01	
For Elevated Installation >35' To 40', Add	31.26	
For Elevated Installation >40', Add	34.39	
For Work In Restricted Working Space, Add	18.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	18.76	
26 05 33 13-2642 EA 1-1/4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	119.11	28.98
For Elevated Installation >10' To 15', Add	7.25	
For Elevated Installation >15' To 20', Add	14.49	
For Elevated Installation >20' To 25', Add	18.11	
For Elevated Installation >25' To 30', Add	25.36	
For Elevated Installation >30' To 35', Add	28.98	
For Elevated Installation >35' To 40', Add	36.23	
For Elevated Installation >40', Add	39.85	
For Work In Restricted Working Space, Add	21.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.74	
26 05 33 13-2643 EA 1-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	140.17	31.76
For Elevated Installation >10' To 15', Add	7.94	
For Elevated Installation >15' To 20', Add	15.88	
For Elevated Installation >20' To 25', Add	19.85	
For Elevated Installation >25' To 30', Add	27.78	
For Elevated Installation >30' To 35', Add	31.75	
For Elevated Installation >35' To 40', Add	39.69	
For Elevated Installation >40', Add	43.66	
For Work In Restricted Working Space, Add	23.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	23.81	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 33 13-2644	EA 2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	182.76	38.11
	<i>For Elevated Installation >10' To 15', Add</i>	9.53	
	<i>For Elevated Installation >15' To 20', Add</i>	19.05	
	<i>For Elevated Installation >20' To 25', Add</i>	23.82	
	<i>For Elevated Installation >25' To 30', Add</i>	33.34	
	<i>For Elevated Installation >30' To 35', Add</i>	38.11	
	<i>For Elevated Installation >35' To 40', Add</i>	47.64	
	<i>For Elevated Installation >40', Add</i>	52.40	
	<i>For Work In Restricted Working Space, Add</i>	28.58	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28.58	
26 05 33 13-2645	EA 2-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	401.58	100.52
	<i>For Elevated Installation >10' To 15', Add</i>	25.12	
	<i>For Elevated Installation >15' To 20', Add</i>	50.24	
	<i>For Elevated Installation >20' To 25', Add</i>	62.80	
	<i>For Elevated Installation >25' To 30', Add</i>	87.92	
	<i>For Elevated Installation >30' To 35', Add</i>	100.48	
	<i>For Elevated Installation >35' To 40', Add</i>	125.61	
	<i>For Elevated Installation >40', Add</i>	138.17	
	<i>For Work In Restricted Working Space, Add</i>	75.36	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	75.36	
26 05 33 13-2646	EA 3" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	393.54	71.45
	<i>For Elevated Installation >10' To 15', Add</i>	17.86	
	<i>For Elevated Installation >15' To 20', Add</i>	35.73	
	<i>For Elevated Installation >20' To 25', Add</i>	44.66	
	<i>For Elevated Installation >25' To 30', Add</i>	62.52	
	<i>For Elevated Installation >30' To 35', Add</i>	71.46	
	<i>For Elevated Installation >35' To 40', Add</i>	89.32	
	<i>For Elevated Installation >40', Add</i>	98.25	
	<i>For Work In Restricted Working Space, Add</i>	53.59	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.59	
26 05 33 13-2647	EA 3-1/2" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	649.46	89.31
	<i>For Elevated Installation >10' To 15', Add</i>	22.33	
	<i>For Elevated Installation >15' To 20', Add</i>	44.66	
	<i>For Elevated Installation >20' To 25', Add</i>	55.82	
	<i>For Elevated Installation >25' To 30', Add</i>	78.15	
	<i>For Elevated Installation >30' To 35', Add</i>	89.31	
	<i>For Elevated Installation >35' To 40', Add</i>	111.64	
	<i>For Elevated Installation >40', Add</i>	122.80	
	<i>For Work In Restricted Working Space, Add</i>	66.98	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66.98	
26 05 33 13-2648	EA 4" Type C, Threaded, Two Hub Malleable Iron Conduit Body With Cover.....	756.30	108.77
	<i>For Elevated Installation >10' To 15', Add</i>	27.19	
	<i>For Elevated Installation >15' To 20', Add</i>	54.38	
	<i>For Elevated Installation >20' To 25', Add</i>	67.98	
	<i>For Elevated Installation >25' To 30', Add</i>	95.17	
	<i>For Elevated Installation >30' To 35', Add</i>	108.76	
	<i>For Elevated Installation >35' To 40', Add</i>	135.95	
	<i>For Elevated Installation >40', Add</i>	149.55	
	<i>For Work In Restricted Working Space, Add</i>	81.57	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	81.57	
26 05 33 13-2649	Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover <small>(26 05 33 13-2604)</small>		
26 05 33 13-2650	EA 1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover.....	85.52	25.01
	<i>For Elevated Installation >10' To 15', Add</i>	6.25	
	<i>For Elevated Installation >15' To 20', Add</i>	12.50	
	<i>For Elevated Installation >20' To 25', Add</i>	15.63	
	<i>For Elevated Installation >25' To 30', Add</i>	21.88	
	<i>For Elevated Installation >30' To 35', Add</i>	25.01	
	<i>For Elevated Installation >35' To 40', Add</i>	31.26	
	<i>For Elevated Installation >40', Add</i>	34.39	
	<i>For Work In Restricted Working Space, Add</i>	18.76	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.76	
26 05 33 13-2651	EA 3/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover.....	93.33	27.79
	<i>For Elevated Installation >10' To 15', Add</i>	6.95	
	<i>For Elevated Installation >15' To 20', Add</i>	13.89	
	<i>For Elevated Installation >20' To 25', Add</i>	17.37	
	<i>For Elevated Installation >25' To 30', Add</i>	24.31	
	<i>For Elevated Installation >30' To 35', Add</i>	27.79	
	<i>For Elevated Installation >35' To 40', Add</i>	34.74	
	<i>For Elevated Installation >40', Add</i>	38.21	
	<i>For Work In Restricted Working Space, Add</i>	20.84	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20.84	
26 05 33 13-2652	EA 1" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover.....	109.16	30.57
	<i>For Elevated Installation >10' To 15', Add</i>	7.64	
	<i>For Elevated Installation >15' To 20', Add</i>	15.28	
	<i>For Elevated Installation >20' To 25', Add</i>	19.11	
	<i>For Elevated Installation >25' To 30', Add</i>	26.75	
	<i>For Elevated Installation >30' To 35', Add</i>	30.57	
	<i>For Elevated Installation >35' To 40', Add</i>	38.21	
	<i>For Elevated Installation >40', Add</i>	42.03	
	<i>For Work In Restricted Working Space, Add</i>	22.93	
	<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2653 EA 1-1/4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	130.56	34.93
For Elevated Installation >10' To 15', Add	8.73	
For Elevated Installation >15' To 20', Add	17.47	
For Elevated Installation >20' To 25', Add	21.83	
For Elevated Installation >25' To 30', Add	30.57	
For Elevated Installation >30' To 35', Add	34.93	
For Elevated Installation >35' To 40', Add	43.67	
For Elevated Installation >40', Add	48.03	
For Work In Restricted Working Space, Add	26.20	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.20	
26 05 33 13-2654 EA 1-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	151.67	38.11
For Elevated Installation >10' To 15', Add	9.53	
For Elevated Installation >15' To 20', Add	19.05	
For Elevated Installation >20' To 25', Add	23.82	
For Elevated Installation >25' To 30', Add	33.34	
For Elevated Installation >30' To 35', Add	38.11	
For Elevated Installation >35' To 40', Add	47.64	
For Elevated Installation >40', Add	52.40	
For Work In Restricted Working Space, Add	28.58	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.58	
26 05 33 13-2655 EA 2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	215.29	46.84
For Elevated Installation >10' To 15', Add	11.71	
For Elevated Installation >15' To 20', Add	23.42	
For Elevated Installation >20' To 25', Add	29.28	
For Elevated Installation >25' To 30', Add	40.99	
For Elevated Installation >30' To 35', Add	46.84	
For Elevated Installation >35' To 40', Add	58.55	
For Elevated Installation >40', Add	64.41	
For Work In Restricted Working Space, Add	35.13	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.13	
26 05 33 13-2656 EA 2-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	346.99	68.67
For Elevated Installation >10' To 15', Add	17.17	
For Elevated Installation >15' To 20', Add	34.34	
For Elevated Installation >20' To 25', Add	42.92	
For Elevated Installation >25' To 30', Add	60.09	
For Elevated Installation >30' To 35', Add	68.67	
For Elevated Installation >35' To 40', Add	85.84	
For Elevated Installation >40', Add	94.42	
For Work In Restricted Working Space, Add	51.50	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.50	
26 05 33 13-2657 EA 3" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	514.61	89.31
For Elevated Installation >10' To 15', Add	22.33	
For Elevated Installation >15' To 20', Add	44.66	
For Elevated Installation >20' To 25', Add	55.82	
For Elevated Installation >25' To 30', Add	78.15	
For Elevated Installation >30' To 35', Add	89.31	
For Elevated Installation >35' To 40', Add	111.64	
For Elevated Installation >40', Add	122.80	
For Work In Restricted Working Space, Add	66.98	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	66.98	
26 05 33 13-2658 EA 3-1/2" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	779.67	110.35
For Elevated Installation >10' To 15', Add	27.59	
For Elevated Installation >15' To 20', Add	55.18	
For Elevated Installation >20' To 25', Add	68.97	
For Elevated Installation >25' To 30', Add	96.56	
For Elevated Installation >30' To 35', Add	110.35	
For Elevated Installation >35' To 40', Add	137.94	
For Elevated Installation >40', Add	151.73	
For Work In Restricted Working Space, Add	82.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	82.76	
26 05 33 13-2659 EA 4" Type X, Threaded, Four Hub Malleable Iron Conduit Body With Cover	866.35	132.59
For Elevated Installation >10' To 15', Add	33.15	
For Elevated Installation >15' To 20', Add	66.29	
For Elevated Installation >20' To 25', Add	82.86	
For Elevated Installation >25' To 30', Add	116.01	
For Elevated Installation >30' To 35', Add	132.58	
For Elevated Installation >35' To 40', Add	165.73	
For Elevated Installation >40', Add	182.30	
For Work In Restricted Working Space, Add	99.44	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	99.44	
26 05 33 13-2660 Set Screw, Cast Aluminum Conduit Body <small>(26 05 33 13-2647)</small>		
Note: For use with Electrical Metallic Tubing (EMT)		
26 05 33 13-2661 Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2660)</small>		
26 05 33 13-2662 EA 1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	29.76	7.54
For Work In Restricted Working Space, Add	5.66	
For Elevated Installation >10' To 15', Add	1.89	
For Elevated Installation >15' To 20', Add	3.77	
For Elevated Installation >20' To 25', Add	4.71	
For Elevated Installation >25' To 30', Add	6.60	
For Elevated Installation >30' To 35', Add	7.54	
For Elevated Installation >35' To 40', Add	9.43	
For Elevated Installation >40', Add	10.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	5.66	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2663	EA	3/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	37.92	9.93
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-2664	EA	1" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	51.94	12.30
			<i>For Work In Restricted Working Space, Add</i>	9.23	
			<i>For Elevated Installation >10' To 15', Add</i>	3.08	
			<i>For Elevated Installation >15' To 20', Add</i>	6.15	
			<i>For Elevated Installation >20' To 25', Add</i>	7.69	
			<i>For Elevated Installation >25' To 30', Add</i>	10.77	
			<i>For Elevated Installation >30' To 35', Add</i>	12.31	
			<i>For Elevated Installation >35' To 40', Add</i>	15.39	
			<i>For Elevated Installation >40', Add</i>	16.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.23	
26 05 33	13-2665	EA	1-1/4" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	67.81	15.08
			<i>For Work In Restricted Working Space, Add</i>	11.31	
			<i>For Elevated Installation >10' To 15', Add</i>	3.77	
			<i>For Elevated Installation >15' To 20', Add</i>	7.54	
			<i>For Elevated Installation >20' To 25', Add</i>	9.43	
			<i>For Elevated Installation >25' To 30', Add</i>	13.20	
			<i>For Elevated Installation >30' To 35', Add</i>	15.08	
			<i>For Elevated Installation >35' To 40', Add</i>	18.86	
			<i>For Elevated Installation >40', Add</i>	20.74	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.31	
26 05 33	13-2666	EA	1-1/2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	90.49	17.47
			<i>For Work In Restricted Working Space, Add</i>	13.10	
			<i>For Elevated Installation >10' To 15', Add</i>	4.37	
			<i>For Elevated Installation >15' To 20', Add</i>	8.73	
			<i>For Elevated Installation >20' To 25', Add</i>	10.92	
			<i>For Elevated Installation >25' To 30', Add</i>	15.28	
			<i>For Elevated Installation >30' To 35', Add</i>	17.46	
			<i>For Elevated Installation >35' To 40', Add</i>	21.83	
			<i>For Elevated Installation >40', Add</i>	24.01	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.10	
26 05 33	13-2667	EA	2" Type LB, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	121.69	19.85
			<i>For Work In Restricted Working Space, Add</i>	14.89	
			<i>For Elevated Installation >10' To 15', Add</i>	4.96	
			<i>For Elevated Installation >15' To 20', Add</i>	9.92	
			<i>For Elevated Installation >20' To 25', Add</i>	12.41	
			<i>For Elevated Installation >25' To 30', Add</i>	17.37	
			<i>For Elevated Installation >30' To 35', Add</i>	19.85	
			<i>For Elevated Installation >35' To 40', Add</i>	24.81	
			<i>For Elevated Installation >40', Add</i>	27.29	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.89	
26 05 33	13-2668		Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover		
			<small>(26 05 33 13-2660)</small>		
26 05 33	13-2669	EA	1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	30.06	7.54
			<i>For Work In Restricted Working Space, Add</i>	5.66	
			<i>For Elevated Installation >10' To 15', Add</i>	1.89	
			<i>For Elevated Installation >15' To 20', Add</i>	3.77	
			<i>For Elevated Installation >20' To 25', Add</i>	4.71	
			<i>For Elevated Installation >25' To 30', Add</i>	6.60	
			<i>For Elevated Installation >30' To 35', Add</i>	7.54	
			<i>For Elevated Installation >35' To 40', Add</i>	9.43	
			<i>For Elevated Installation >40', Add</i>	10.37	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.66	
26 05 33	13-2670	EA	3/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	39.07	9.93
			<i>For Work In Restricted Working Space, Add</i>	7.44	
			<i>For Elevated Installation >10' To 15', Add</i>	2.48	
			<i>For Elevated Installation >15' To 20', Add</i>	4.96	
			<i>For Elevated Installation >20' To 25', Add</i>	6.20	
			<i>For Elevated Installation >25' To 30', Add</i>	8.68	
			<i>For Elevated Installation >30' To 35', Add</i>	9.92	
			<i>For Elevated Installation >35' To 40', Add</i>	12.41	
			<i>For Elevated Installation >40', Add</i>	13.65	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7.44	
26 05 33	13-2671	EA	1" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	47.93	12.30
			<i>For Work In Restricted Working Space, Add</i>	9.23	
			<i>For Elevated Installation >10' To 15', Add</i>	3.08	
			<i>For Elevated Installation >15' To 20', Add</i>	6.15	
			<i>For Elevated Installation >20' To 25', Add</i>	7.69	
			<i>For Elevated Installation >25' To 30', Add</i>	10.77	
			<i>For Elevated Installation >30' To 35', Add</i>	12.31	
			<i>For Elevated Installation >35' To 40', Add</i>	15.39	
			<i>For Elevated Installation >40', Add</i>	16.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2672 EA 1-1/4" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	67.47	15.08
For Work In Restricted Working Space, Add	11.31	
For Elevated Installation >10' To 15', Add	3.77	
For Elevated Installation >15' To 20', Add	7.54	
For Elevated Installation >20' To 25', Add	9.43	
For Elevated Installation >25' To 30', Add	13.20	
For Elevated Installation >30' To 35', Add	15.08	
For Elevated Installation >35' To 40', Add	18.86	
For Elevated Installation >40', Add	20.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.31	
26 05 33 13-2673 EA 1-1/2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	83.83	17.47
For Work In Restricted Working Space, Add	13.10	
For Elevated Installation >10' To 15', Add	4.37	
For Elevated Installation >15' To 20', Add	8.73	
For Elevated Installation >20' To 25', Add	10.92	
For Elevated Installation >25' To 30', Add	15.28	
For Elevated Installation >30' To 35', Add	17.46	
For Elevated Installation >35' To 40', Add	21.83	
For Elevated Installation >40', Add	24.01	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.10	
26 05 33 13-2674 EA 2" Type LL Or LR, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover	121.12	19.85
For Work In Restricted Working Space, Add	14.89	
For Elevated Installation >10' To 15', Add	4.96	
For Elevated Installation >15' To 20', Add	9.92	
For Elevated Installation >20' To 25', Add	12.41	
For Elevated Installation >25' To 30', Add	17.37	
For Elevated Installation >30' To 35', Add	19.85	
For Elevated Installation >35' To 40', Add	24.81	
For Elevated Installation >40', Add	27.29	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.89	
26 05 33 13-2675 Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover ⁽²⁶⁾		
<small>05 33 13-2660</small>		
26 05 33 13-2676 EA 1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	38.54	9.93
For Work In Restricted Working Space, Add	7.44	
For Elevated Installation >10' To 15', Add	2.48	
For Elevated Installation >15' To 20', Add	4.96	
For Elevated Installation >20' To 25', Add	6.20	
For Elevated Installation >25' To 30', Add	8.68	
For Elevated Installation >30' To 35', Add	9.92	
For Elevated Installation >35' To 40', Add	12.41	
For Elevated Installation >40', Add	13.65	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	7.44	
26 05 33 13-2677 EA 3/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	50.56	12.30
For Work In Restricted Working Space, Add	9.23	
For Elevated Installation >10' To 15', Add	3.08	
For Elevated Installation >15' To 20', Add	6.15	
For Elevated Installation >20' To 25', Add	7.69	
For Elevated Installation >25' To 30', Add	10.77	
For Elevated Installation >30' To 35', Add	12.31	
For Elevated Installation >35' To 40', Add	15.39	
For Elevated Installation >40', Add	16.92	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	9.23	
26 05 33 13-2678 EA 1" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	60.85	15.08
For Work In Restricted Working Space, Add	11.31	
For Elevated Installation >10' To 15', Add	3.77	
For Elevated Installation >15' To 20', Add	7.54	
For Elevated Installation >20' To 25', Add	9.43	
For Elevated Installation >25' To 30', Add	13.20	
For Elevated Installation >30' To 35', Add	15.08	
For Elevated Installation >35' To 40', Add	18.86	
For Elevated Installation >40', Add	20.74	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	11.31	
26 05 33 13-2679 EA 1-1/4" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	85.59	17.47
For Work In Restricted Working Space, Add	13.70	
For Elevated Installation >10' To 15', Add	4.57	
For Elevated Installation >15' To 20', Add	9.13	
For Elevated Installation >20' To 25', Add	11.41	
For Elevated Installation >25' To 30', Add	15.98	
For Elevated Installation >30' To 35', Add	18.26	
For Elevated Installation >35' To 40', Add	22.83	
For Elevated Installation >40', Add	25.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.70	
26 05 33 13-2680 EA 1-1/2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover	110.84	19.85
For Work In Restricted Working Space, Add	16.08	
For Elevated Installation >10' To 15', Add	5.36	
For Elevated Installation >15' To 20', Add	10.72	
For Elevated Installation >20' To 25', Add	13.40	
For Elevated Installation >25' To 30', Add	18.76	
For Elevated Installation >30' To 35', Add	21.44	
For Elevated Installation >35' To 40', Add	26.80	
For Elevated Installation >40', Add	29.47	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.08	

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	13-2681	EA	2" Type T, Set Screw, Three Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	151.48 18.46 6.15 12.30 15.38 21.53 24.61 30.76 33.84 18.46	22.23
26 05 33	13-2682		Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <small>(26 05 33 13-2660)</small>		
26 05 33	13-2683	EA	1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.04 5.66 1.89 3.77 4.71 6.60 7.54 9.43 10.37 5.66	7.54
26 05 33	13-2684	EA	3/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	41.63 7.44 2.48 4.96 6.20 8.68 9.92 12.41 13.65 7.44	9.93
26 05 33	13-2685	EA	1" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	53.39 9.23 3.08 6.15 7.69 10.77 12.31 15.39 16.92 9.23	12.30
26 05 33	13-2686	EA	1-1/4" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69.55 11.31 3.77 7.54 9.43 13.20 15.08 18.86 20.74 11.31	15.08
26 05 33	13-2687	EA	1-1/2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	85.03 13.10 4.37 8.73 10.92 15.28 17.46 21.83 24.01 13.10	17.47
26 05 33	13-2688	EA	2" Type C, Set Screw, Two Hub Cast Aluminum Conduit Body With Cover <i>For Work In Restricted Working Space, Add</i> <i>For Elevated Installation >10' To 15', Add</i> <i>For Elevated Installation >15' To 20', Add</i> <i>For Elevated Installation >20' To 25', Add</i> <i>For Elevated Installation >25' To 30', Add</i> <i>For Elevated Installation >30' To 35', Add</i> <i>For Elevated Installation >35' To 40', Add</i> <i>For Elevated Installation >40', Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	132.23 14.89 4.96 9.92 12.41 17.37 19.85 24.81 27.29 14.89	19.85
26 05 33	13-2689		Aluminum Type LB Telecommunications Conduit Bodies With Cover (Smart Pathways) <small>(26 05 33 13-2547)</small>		
26 05 33	13-2690	EA	3/4" To 1-1/4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB120) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	153.25 16.31	21.73
26 05 33	13-2691	EA	1-1/2" To 2-1/2" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB250) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	586.65 30.16	40.19
26 05 33	13-2692	EA	3" To 4" Aluminum Type LB Telecommunications Conduit Body With Cover (Smart Pathways KBLB400) <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,127.06 61.18	81.57
26 05 33	13-2693		Replacement Covers And Gaskets For Conduit Body <small>(26 05 33 13-2547)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 13-2694	Replacement Stamped Aluminum Conduit Body Cover <small>(26 05 33 13-2693)</small>	
26 05 33 13-2695 EA 1/2" Replacement Stamped Aluminum Conduit Body Cover	10.81	3.87
26 05 33 13-2696 EA 3/4" Replacement Stamped Aluminum Conduit Body Cover	13.32	4.51
26 05 33 13-2697 EA 1" Replacement Stamped Aluminum Conduit Body Cover	17.06	5.81
26 05 33 13-2698 EA 1-1/4" Replacement Stamped Aluminum Conduit Body Cover	20.75	7.10
26 05 33 13-2699 EA 1-1/2" Replacement Stamped Aluminum Conduit Body Cover	25.65	8.38
26 05 33 13-2700 EA 2" Replacement Stamped Aluminum Conduit Body Cover	30.54	9.68
26 05 33 13-2701 EA 2-1/2" Replacement Stamped Aluminum Conduit Body Cover	41.29	10.96
26 05 33 13-2702 EA 3" Replacement Stamped Aluminum Conduit Body Cover	52.59	15.48
26 05 33 13-2703 EA 3-1/2" Replacement Stamped Aluminum Conduit Body Cover	57.02	17.42
26 05 33 13-2704 EA 4" Replacement Stamped Aluminum Conduit Body Cover	71.86	21.93
26 05 33 13-2705	Replacement Cast Steel Conduit Body Cover <small>(26 05 33 13-2693)</small>	
26 05 33 13-2706 EA 1/2" Replacement Cast Steel Conduit Body Cover	12.90	3.87
26 05 33 13-2707 EA 3/4" Replacement Cast Steel Conduit Body Cover	15.14	4.51
26 05 33 13-2708 EA 1" Replacement Cast Steel Conduit Body Cover	21.55	5.81
26 05 33 13-2709 EA 1-1/4" Replacement Cast Steel Conduit Body Cover	26.84	7.10
26 05 33 13-2710 EA 1-1/2" Replacement Cast Steel Conduit Body Cover	32.75	8.38
26 05 33 13-2711 EA 2" Replacement Cast Steel Conduit Body Cover	38.65	9.68
26 05 33 13-2712 EA 2-1/2" Replacement Cast Steel Conduit Body Cover	44.51	10.96
26 05 33 13-2713 EA 3" Replacement Cast Steel Conduit Body Cover	60.19	15.48
26 05 33 13-2714 EA 3-1/2" Replacement Cast Steel Conduit Body Cover	69.01	17.42
26 05 33 13-2715 EA 4" Replacement Cast Steel Conduit Body Cover	87.02	21.93
26 05 33 13-2716	Replacement Velbuna Composition Conduit Body Gasket <small>(26 05 33 13-2693)</small>	
26 05 33 13-2717 EA 1/2" Replacement Velbuna Composition Conduit Body Gasket	9.87	3.87
26 05 33 13-2718 EA 3/4" Replacement Velbuna Composition Conduit Body Gasket	11.23	4.51
26 05 33 13-2719 EA 1" Replacement Velbuna Composition Conduit Body Gasket	14.72	5.81
26 05 33 13-2720 EA 1-1/4" Replacement Velbuna Composition Conduit Body Gasket	19.34	7.10
26 05 33 13-2721 EA 1-1/2" Replacement Velbuna Composition Conduit Body Gasket	21.92	8.38
26 05 33 13-2722 EA 2" Replacement Velbuna Composition Conduit Body Gasket	26.22	9.68
26 05 33 13-2723 EA 2-1/2" Replacement Velbuna Composition Conduit Body Gasket	35.38	10.96
26 05 33 13-2724 EA 3" Replacement Velbuna Composition Conduit Body Gasket	45.21	15.48
26 05 33 13-2725 EA 3-1/2" Replacement Velbuna Composition Conduit Body Gasket	50.04	17.42
26 05 33 13-2726 EA 4" Replacement Velbuna Composition Conduit Body Gasket	58.97	21.93
26 05 33 13-2727	Replacement Neoprene Conduit Body Gasket <small>(26 05 33 13-2693)</small>	
26 05 33 13-2728 EA 1/2" Replacement Neoprene Conduit Body Gasket	11.33	3.87
26 05 33 13-2729 EA 3/4" Replacement Neoprene Conduit Body Gasket	12.62	4.51
26 05 33 13-2730 EA 1" Replacement Neoprene Conduit Body Gasket	16.54	5.81
26 05 33 13-2731 EA 1-1/4" Replacement Neoprene Conduit Body Gasket	20.26	7.10
26 05 33 13-2732 EA 1-1/2" Replacement Neoprene Conduit Body Gasket	22.84	8.38
26 05 33 13-2733 EA 2" Replacement Neoprene Conduit Body Gasket	26.32	9.68
26 05 33 13-2734 EA 2-1/2" Replacement Neoprene Conduit Body Gasket	35.61	10.96
26 05 33 13-2735 EA 3" Replacement Neoprene Conduit Body Gasket	45.44	15.48
26 05 33 13-2736 EA 3-1/2" Replacement Neoprene Conduit Body Gasket	51.59	17.42
26 05 33 13-2737 EA 4" Replacement Neoprene Conduit Body Gasket	60.52	21.93
26 05 33 16	Boxes for Electrical Systems <small>(26 05 33)</small>	
See CSI section 26 27 16 00-0000 for larger junction boxes and enclosures.		
26 05 33 16-0001	Steel Junction, Device, And Fixture Boxes, Rings And Covers <small>(26 05 33 16)</small>	
Note: Thin wall metal. See CSI section 26 27 26 00-0003 for steel box/receptacle assemblies, 26 27 26 00-0138 for steel box/switch assemblies.		
26 05 33 16-0002	4" Square Steel Boxes, Rings And Covers <small>(26 05 33 16-0001)</small>	
26 05 33 16-0003 EA 1-1/2" Depth, 4" Square Steel Box	37.52	16.29
For Stud Bracket, Add		1.21
26 05 33 16-0004 EA 2-1/8" Depth, 4" Square Steel Box	39.76	16.29
For Stud Bracket, Add		2.17
26 05 33 16-0005 EA 3-1/2" Depth, 4" Square Steel Box	47.45	16.29
For Stud Bracket, Add		2.37
26 05 33 16-0006 EA 1-1/2" Depth, 4" Square Steel Extension Ring	32.68	10.87
26 05 33 16-0007 EA 2-1/8" Depth, 4" Square Steel Extension Ring	24.90	10.87
26 05 33 16-0008 EA 1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	13.22	5.43
26 05 33 16-0009 EA 5/8" Depth, 1 Gang, 4" Square Steel Mud Ring	13.58	5.43
26 05 33 16-0010 EA 3/4" Depth, 1 Gang, 4" Square Steel Mud Ring	13.84	5.43
26 05 33 16-0011 EA 1" Depth, 1 Gang, 4" Square Steel Mud Ring	14.67	5.43
26 05 33 16-0012 EA 1-1/4" Depth, 1 Gang, 4" Square Steel Mud Ring	14.91	5.43
26 05 33 16-0013 EA 1-1/2" Depth, 1 Gang, 4" Square Steel Mud Ring	17.57	5.43
26 05 33 16-0014 EA 1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	14.23	5.43
26 05 33 16-0015 EA 5/8" Depth, 2 Gang, 4" Square Steel Mud Ring	14.49	5.43
26 05 33 16-0016 EA 3/4" Depth, 2 Gang, 4" Square Steel Mud Ring	14.80	5.43
26 05 33 16-0017 EA 1" Depth, 2 Gang, 4" Square Steel Mud Ring	17.53	5.43
26 05 33 16-0018 EA 1-1/4" Depth, 2 Gang, 4" Square Steel Mud Ring	18.09	5.43
26 05 33 16-0019 EA 1-1/2" Depth, 2 Gang, 4" Square Steel Mud Ring	21.55	5.43
26 05 33 16-0020 EA 3/4" Depth, Fixture Cover, 4" Square Mud Rings	15.56	5.43
26 05 33 16-0021 EA 1" Depth, Fixture Cover, 4" Square Mud Rings	17.76	5.43

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0022	EA	One Toggle Switch, 4" Square Steel Exposed Work Cover.....	14.19	5.43
26 05 33	16-0023	EA	Two Toggle Switches, 4" Square Steel Exposed Work Cover.....	14.39	5.43
26 05 33	16-0024	EA	One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	14.14	5.43
26 05 33	16-0025	EA	Two Duplex Receptacles, 4" Square Steel Exposed Work Cover.....	14.73	5.43
26 05 33	16-0026	EA	One Toggle Switch And One Duplex Receptacle, 4" Square Steel Exposed Work Cover.....	15.22	5.43
26 05 33	16-0027	EA	One Toggle Switch And One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	21.32	5.43
26 05 33	16-0028	EA	One 1.406" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	15.13	5.43
26 05 33	16-0029	EA	Two 1.406" Diameter Receptacles, 4" Square Steel Exposed Work Cover.....	21.32	5.43
26 05 33	16-0030	EA	One 1.620" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	15.13	5.43
26 05 33	16-0031	EA	One 1.719" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	16.56	5.43
26 05 33	16-0032	EA	One 2.165" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	21.32	5.43
26 05 33	16-0033	EA	One 2.480" Diameter Receptacle, 4" Square Steel Exposed Work Cover.....	21.32	5.43
26 05 33	16-0034	EA	Flat, 4" Square Steel Exposed Work Cover.....	12.45	5.43
26 05 33	16-0035		4-11/16" Square Steel Boxes, Rings And Covers (26 05 33 16-0001)		
26 05 33	16-0036	EA	1-1/2" Depth, 4-11/16" Square Steel Box.....	45.81	16.29
26 05 33	16-0037	EA	2-1/8" Depth, 4-11/16" Square Steel Box.....	40.74	16.29
			<i>For Stud Bracket, Add</i>	1.14	
26 05 33	16-0038	EA	3-1/4" Depth, 4-11/16" Square Steel Box.....	66.20	16.29
26 05 33	16-0039	EA	1-1/2" Depth, 4-11/16" Square Extension Ring.....	34.80	10.87
26 05 33	16-0040	EA	2-1/8" Depth, 4-11/16" Square Extension Ring.....	36.05	10.87
26 05 33	16-0041	EA	1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	18.29	5.43
26 05 33	16-0042	EA	5/8" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	18.35	5.43
26 05 33	16-0043	EA	3/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	20.51	5.43
26 05 33	16-0044	EA	1" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	19.64	5.43
26 05 33	16-0045	EA	1-1/4" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	19.45	5.43
26 05 33	16-0046	EA	1-1/2" Depth, 1 Gang, 4-11/16" Square Steel Mud Ring.....	28.44	5.43
26 05 33	16-0047	EA	1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	20.01	5.43
26 05 33	16-0048	EA	5/8" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	20.48	5.43
26 05 33	16-0049	EA	3/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	20.51	5.43
26 05 33	16-0050	EA	1" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	23.69	5.43
26 05 33	16-0051	EA	1-1/4" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	24.35	5.43
26 05 33	16-0052	EA	1-1/2" Depth, 2 Gang, 4-11/16" Square Steel Mud Ring.....	32.05	5.43
26 05 33	16-0053	EA	1/2" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	19.59	5.43
26 05 33	16-0054	EA	5/8" Depth, Fixture Cover, 4-11/16" Square Steel Mud Ring.....	19.82	5.43
26 05 33	16-0055	EA	One Toggle Switch, 4-11/16" Square Steel Exposed Work Cover.....	25.78	5.43
26 05 33	16-0056	EA	Two Toggle Switches, 4-11/16" Square Steel Exposed Work Cover.....	27.45	5.43
26 05 33	16-0057	EA	One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	25.29	5.43
26 05 33	16-0058	EA	Two Duplex Receptacles, 4-11/16" Square Steel Exposed Work Cover.....	23.47	5.43
26 05 33	16-0059	EA	One Toggle Switch And One Duplex Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	29.56	5.43
26 05 33	16-0060	EA	One 1.594" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	27.44	5.43
26 05 33	16-0061	EA	One 2.141" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	27.44	5.43
26 05 33	16-0062	EA	One 2.625" Diameter Receptacle, 4-11/16" Square Steel Exposed Work Cover.....	27.44	5.43
26 05 33	16-0063	EA	Flat, 4-11/16" Square Steel Exposed Work Cover.....	13.81	5.43
26 05 33	16-0064		Steel Square Box Brackets (26 05 33 16-0001)		
26 05 33	16-0065	EA	16" Or 24" Width Box Bracket, For Multiple 1-1/2" And 2-1/8" Deep Boxes.....	18.59	8.16
26 05 33	16-0066	EA	Single Box Bracket, One 4" Or 4-11/16" Square Box.....	14.40	5.44
26 05 33	16-0067	EA	16" Box Bracket, Up To Three 4" Or 4-11/16" Square Boxes.....	23.99	8.16
26 05 33	16-0068	EA	24" Box Bracket, Up To Four 4" Or 4-11/16" Square Boxes.....	26.77	8.16
26 05 33	16-0069		4" Octagon Steel Boxes And Covers (26 05 33 16-0001)		
26 05 33	16-0070	EA	1-1/2" Depth, 4" Steel Octagon Box.....	31.20	13.58
			<i>For Stud Bracket, Add</i>	2.94	
26 05 33	16-0071	EA	2-1/8" Depth, 4" Steel Octagon Box.....	33.16	13.58
26 05 33	16-0072	EA	Flat, 4" Octagon Steel Exposed Work Cover.....	12.32	5.43
26 05 33	16-0073		4" Steel Octagonal Concrete Rings And Steel Covers (26 05 33 16-0001)		
			Note: Placed in concrete slabs or walls.		
26 05 33	16-0074	EA	2" Depth, 4" Steel Octagonal Concrete Ring.....	52.31	
26 05 33	16-0075	EA	2-1/2" Depth, 4" Steel Octagonal Concrete Ring.....	55.94	
26 05 33	16-0076	EA	3" Depth, 4" Steel Octagonal Concrete Ring.....	58.49	
26 05 33	16-0077	EA	3-1/2" Depth, 4" Steel Octagonal Concrete Ring.....	60.93	
26 05 33	16-0078	EA	4" Depth, 4" Steel Octagonal Concrete Ring.....	68.49	
26 05 33	16-0079	EA	5" Depth, 4" Steel Octagonal Concrete Ring.....	76.40	
26 05 33	16-0080	EA	6" Depth, 4" Steel Octagonal Concrete Ring.....	82.17	
26 05 33	16-0081	EA	Flat, 4" Steel Octagonal Concrete Cover.....	15.02	5.43
26 05 33	16-0082		4-1/2" Steel Gang Boxes (26 05 33 16-0001)		
26 05 33	16-0083	EA	2 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	58.95	13.58
26 05 33	16-0084	EA	3 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	65.17	14.67
26 05 33	16-0085	EA	4 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	80.56	16.29
26 05 33	16-0086	EA	5 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	110.65	17.92
26 05 33	16-0087	EA	6 Device, 1-5/8" Depth, 4-1/2" Steel Gang Box.....	175.68	19.55
26 05 33	16-0088	EA	2 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	89.22	13.58
26 05 33	16-0089	EA	3 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	97.42	14.67
26 05 33	16-0090	EA	4 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box.....	135.02	16.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0091 EA 5 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	178.37	17.92
26 05 33 16-0092 EA 6 Device, 2-1/2" Depth, 4-1/2" Steel Gang Box	309.57	19.55
26 05 33 16-0093 EA 2 Device, Gang Box Mud Ring.....	26.61	5.43
26 05 33 16-0094 EA 3 Device, Gang Box Mud Ring.....	27.12	5.43
26 05 33 16-0095 EA 4 Device, Gang Box Mud Ring.....	32.95	5.43
26 05 33 16-0096 EA 5 Device, Gang Box Mud Ring.....	42.98	5.43
26 05 33 16-0097 EA 6 Device, Gang Box Mud Ring.....	64.97	5.43
26 05 33 16-0098 EA 2 Device, Gang Box Flat Cover	21.60	5.43
26 05 33 16-0099 EA 3 Device, Gang Box Flat Cover	27.06	5.43
26 05 33 16-0100 EA 4 Device, Gang Box Flat Cover	34.31	5.43
26 05 33 16-0101 EA 5 Device, Gang Box Flat Cover	43.54	5.43
26 05 33 16-0102 EA 6 Device, Gang Box Flat Cover	66.53	5.43
26 05 33 16-0103 Steel Switch Boxes <small>(26 05 33 16-0001)</small>		
26 05 33 16-0104 EA 2-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	34.97	13.58
26 05 33 16-0105 EA 2-3/4" Depth, 3" x 2", Stud Bracket, Steel Switch Box	35.82	13.58
26 05 33 16-0106 EA 3-1/2" Depth, 3" x 2", Stud Bracket, Steel Switch Box	40.19	13.58
26 05 33 16-0107 EA 2-1/2" Depth, 2 Device, Stud Bracket, Steel Box	50.01	13.58
26 05 33 16-0108 EA 2-1/2" Depth, 3 Device, Stud Bracket, Steel Box	50.86	13.58
26 05 33 16-0109 EA 2-1/2" Depth, 4 Device, Stud Bracket, Steel Box	64.16	13.58
26 05 33 16-0110 4" x 2" Steel Handy Boxes, Extension Rings And Covers <small>(26 05 33 16-0001)</small>		
26 05 33 16-0111 EA 1-1/2" Deep, 4" x 2" Steel Handy Box	30.98	13.58
<i>For Stud Bracket, Add</i>	4.73	
26 05 33 16-0112 EA 1-7/8" Deep, 4" x 2" Steel Handy Box	31.89	13.58
<i>For Stud Bracket, Add</i>	2.04	
26 05 33 16-0113 EA 2-1/8" Deep, 4" x 2" Steel Handy Box	33.90	13.58
<i>For Stud Bracket, Add</i>	2.77	
26 05 33 16-0114 EA 1-1/2" Deep, 4" x 2" Steel Handy Box Extension Ring.....	21.78	8.15
26 05 33 16-0115 EA 1-7/8" Deep, 4" x 2" Steel Handy Box Extension Ring.....	20.88	8.15
26 05 33 16-0116 EA GFI Receptacle, 2" x 4" Steel Handy Box Exposed Work Cover	7.41	2.72
26 05 33 16-0117 EA 1.406" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	7.58	2.72
26 05 33 16-0118 EA Duplex Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	6.73	2.72
26 05 33 16-0119 EA Toggle Switch, 4" x 2" Steel Handy Box Exposed Work Cover.....	6.79	2.72
26 05 33 16-0120 EA 1.594" Diameter Receptacle, 4" x 2" Steel Handy Box Exposed Work Cover	8.52	2.72
26 05 33 16-0121 EA Flat, 2" x 4" Steel Handy Box Exposed Work Cover	6.79	2.72
26 05 33 16-0122 3-1/2" Depth, 3-3/4" Steel Masonry Boxes <small>(26 05 33 16-0001)</small>		
26 05 33 16-0123 EA 1 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	48.67	19.01
26 05 33 16-0124 EA 2 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	56.25	20.10
26 05 33 16-0125 EA 3 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	66.49	21.72
26 05 33 16-0126 EA 4 Device, 3-1/2" Depth, 3-3/4" Steel Masonry Box	77.06	23.90
26 05 33 16-0127 Cast Boxes <small>(26 05 33 16)</small>		
<i>Note: For flush or surface mount.</i>		
26 05 33 16-0128 Cast Iron Alloy Boxes <small>(26 05 33 16-0127)</small>		
<i>See CSI section 26 27 26 00-0277 for box covers.</i>		
26 05 33 16-0129 Shallow, Single Gang Cast Iron Alloy Boxes <small>(26 05 33 16-0128)</small>		
<i>Note: Up to 2" deep boxes.</i>		
26 05 33 16-0130 EA 1/2" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	94.35	32.59
<i>Note: One hub.</i>		
26 05 33 16-0131 EA 3/4" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	101.39	38.02
<i>Note: One hub.</i>		
26 05 33 16-0132 EA 1" Depth, Type FS, Shallow, Single Gang Cast Iron Alloy Box.....	119.28	46.16
<i>Note: One hub.</i>		
26 05 33 16-0133 EA 1/2" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box	117.69	43.45
<i>Note: Two hub.</i>		
26 05 33 16-0134 EA 3/4" Depth, Type FSC, Shallow, Single Gang Cast Iron Alloy Box	150.76	51.60
<i>Note: Two hub.</i>		
26 05 33 16-0135 EA 1/2" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box.....	117.19	43.45
<i>Note: Two hub.</i>		
26 05 33 16-0136 EA 3/4" Depth, Type FSL, Shallow, Single Gang Cast Iron Alloy Box.....	140.97	51.60
<i>Note: Two hubs.</i>		
26 05 33 16-0137 EA 1/2" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box	120.34	43.45
<i>Note: Two hubs.</i>		
26 05 33 16-0138 EA 3/4" Depth, Type FSR, Shallow, Single Gang Cast Iron Alloy Box	141.02	51.60
<i>Note: Two hubs.</i>		
26 05 33 16-0139 EA 1/2" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box	117.19	43.45
<i>Note: Two hubs.</i>		
26 05 33 16-0140 EA 3/4" Depth, Type FSS, Shallow, Single Gang Cast Iron Alloy Box	137.13	51.60
<i>Note: Two hubs.</i>		
26 05 33 16-0141 EA 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box.....	139.43	54.31
<i>Note: Three hubs.</i>		
26 05 33 16-0142 EA 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Iron Alloy Box.....	164.94	65.18
<i>Note: Three hubs.</i>		
26 05 33 16-0143 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Iron Alloy Box.....	145.47	54.31
<i>Note: Three hubs.</i>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0144 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	187.97	65.18
26 05 33 16-0145 EA 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	149.42	54.31
26 05 33 16-0146 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	178.50	65.18
26 05 33 16-0147 EA 1/2" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	138.92	54.31
26 05 33 16-0148 EA 3/4" Depth, Type FST, Shallow, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	181.16	65.18
26 05 33 16-0149 EA 1/2" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box..... Note: Four hubs.	177.41	65.18
26 05 33 16-0150 EA 3/4" Depth, Type FSX, Shallow, Single Gang Cast Iron Alloy Box..... Note: Four hubs.	214.02	78.75
26 05 33 16-0151 Deep, Single Gang Cast Iron Alloy Boxes (26 05 33 16-0128) Note: >2" deep boxes.		
26 05 33 16-0152 EA 1/2" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	98.79	32.59
26 05 33 16-0153 EA 3/4" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	113.73	38.02
26 05 33 16-0154 EA 1" Depth, Type FD, Deep, Single Gang Cast Iron Alloy Box..... Note: One hub.	133.52	46.16
26 05 33 16-0155 EA 1/2" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	125.82	43.45
26 05 33 16-0156 EA 3/4" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	145.15	51.60
26 05 33 16-0157 EA 1" Depth, Type FDC, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	174.44	62.46
26 05 33 16-0158 EA 3/4" Depth, Type FDS, Deep, Single Gang Cast Iron Alloy Box..... Note: Two hubs.	156.24	51.60
26 05 33 16-0159 EA 3/4" Depth, Type FDCC, Deep, Single Gang Cast Iron Alloy Box..... Note: Three hubs.	201.10	65.18
26 05 33 16-0160 Shallow, Two Gang Cast Iron Alloy Boxes (26 05 33 16-0128) Note: Up to 2" deep boxes.		
26 05 33 16-0161 EA 1/2" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	113.76	35.31
26 05 33 16-0162 EA 3/4" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	125.94	40.74
26 05 33 16-0163 EA 1" Depth, Type FS, Shallow, Two Gang Cast Iron Alloy Box..... Note: One hub.	146.19	48.88
26 05 33 16-0164 EA 1/2" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	137.63	46.16
26 05 33 16-0165 EA 3/4" Depth, Type FSC, Shallow, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	156.20	54.31
26 05 33 16-0166 Deep, Two Gang Cast Iron Alloy Boxes (26 05 33 16-0128) Note: >2" deep boxes.		
26 05 33 16-0167 EA 1/2" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	127.11	35.31
26 05 33 16-0168 EA 3/4" Depth, Type FD, Deep, Two Gang Cast Iron Alloy Box..... Note: One hub.	138.50	40.74
26 05 33 16-0169 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	157.73	46.16
26 05 33 16-0170 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Iron Alloy Box..... Note: Two hubs.	177.44	54.31
26 05 33 16-0171 Cast Aluminum Boxes (26 05 33 16-0127) See CSI section 26 27 26 00-0277 for box covers.		
26 05 33 16-0172 Shallow, Single Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33 16-0173 EA 1/2" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	83.48	27.16
26 05 33 16-0174 EA 3/4" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	95.51	32.59
26 05 33 16-0175 EA 1" Depth, Type FS, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	105.85	40.74
26 05 33 16-0176 EA 1/2" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	78.30	27.16
26 05 33 16-0177 EA 3/4" Depth, Type FSA, Shallow, Single Gang Cast Aluminum Box..... Note: One hub.	99.16	32.59
26 05 33 16-0178 EA 1/2" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	105.71	38.02
26 05 33 16-0179 EA 3/4" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	126.97	46.16
26 05 33 16-0180 EA 1" Depth, Type FSC, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	159.38	57.03
26 05 33 16-0181 EA 1/2" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box..... Note: Two hubs.	114.72	38.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0182 EA 3/4" Depth, Type FSL, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	122.58	46.16
26 05 33 16-0183 EA 1/2" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	109.60	38.02
26 05 33 16-0184 EA 3/4" Depth, Type FSLB, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	125.65	46.16
26 05 33 16-0185 EA 1/2" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	106.28	38.02
26 05 33 16-0186 EA 3/4" Depth, Type FSR, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	125.65	46.16
26 05 33 16-0187 EA 1/2" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	98.64	38.02
26 05 33 16-0188 EA 3/4" Depth, Type FSS, Shallow, Single Gang Cast Aluminum Box Note: Two hubs.	133.77	46.16
26 05 33 16-0189 EA 1/2" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	125.63	48.88
26 05 33 16-0190 EA 3/4" Depth, Type FSCA, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	152.63	59.75
26 05 33 16-0191 EA 1/2" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	133.55	48.88
26 05 33 16-0192 EA 3/4" Depth, Type FSCC, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	180.08	59.75
26 05 33 16-0193 EA 1/2" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	132.89	48.88
26 05 33 16-0194 EA 3/4" Depth, Type FSCT, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	163.07	59.75
26 05 33 16-0195 EA 3/4" Depth, Type FST, Shallow, Single Gang Cast Aluminum Box Note: Three hubs.	165.43	59.75
26 05 33 16-0196 EA 1/2" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	162.04	59.75
26 05 33 16-0197 EA 3/4" Depth, Type FSX, Shallow, Single Gang Cast Aluminum Box Note: Four hubs.	197.77	73.32
26 05 33 16-0198 Deep, Single Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33 16-0199 EA 1/2" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	92.67	27.16
26 05 33 16-0200 EA 3/4" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	111.02	32.59
26 05 33 16-0201 EA 1" Depth, Type FD, Deep, Single Gang Cast Aluminum Box Note: One hub.	127.17	40.74
26 05 33 16-0202 EA 3/4" Depth, Type FDA, Deep, Single Gang Cast Aluminum Box Note: One hub.	119.41	32.59
26 05 33 16-0203 EA 1/2" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	117.59	38.02
26 05 33 16-0204 EA 3/4" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	141.56	46.16
26 05 33 16-0205 EA 1" Depth, Type FDC, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	158.01	57.03
26 05 33 16-0206 EA 3/4" Depth, Type FDS, Deep, Single Gang Cast Aluminum Box Note: Two hubs.	143.51	46.16
26 05 33 16-0207 EA 3/4" Depth, Type FDCC, Deep, Single Gang Cast Aluminum Box Note: Three hubs.	175.32	59.75
26 05 33 16-0208 Shallow, Two Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33 16-0209 EA 1/2" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	110.97	29.87
26 05 33 16-0210 EA 3/4" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	127.01	35.31
26 05 33 16-0211 EA 1" Depth, Type FS, Shallow, Two Gang Cast Aluminum Box Note: One hub.	136.06	43.45
26 05 33 16-0212 EA 1/2" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	138.50	40.74
26 05 33 16-0213 EA 3/4" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	140.81	48.88
26 05 33 16-0214 EA 1" Depth, Type FSC, Shallow, Two Gang Cast Aluminum Box Note: Two hubs.	173.98	59.75
26 05 33 16-0215 Deep, Two Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33 16-0216 EA 1/2" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	110.87	29.87
26 05 33 16-0217 EA 3/4" Depth, Type FD, Deep, Two Gang Cast Aluminum Box Note: One hub.	128.26	35.31
26 05 33 16-0218 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	141.37	40.74
26 05 33 16-0219 EA 3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	160.03	48.88
26 05 33 16-0220 EA 1/2" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	141.37	40.74

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0221	EA	3/4" Depth, Type FDC, Deep, Two Gang Cast Aluminum Box Note: Two hubs.	160.03	48.88
26 05 33	16-0222		Shallow, Three Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: Up to 2" deep boxes.		
26 05 33	16-0223	EA	1/2" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	148.33	43.45
26 05 33	16-0224	EA	3/4" Depth, Type FSC, Shallow, Three Gang Cast Aluminum Box Note: Two hubs.	166.25	51.60
26 05 33	16-0225		Deep, Three Gang Cast Aluminum Boxes (26 05 33 16-0171) Note: >2" deep boxes.		
26 05 33	16-0226	EA	3/4" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	169.80	38.02
26 05 33	16-0227	EA	1" Depth, Type FD, Deep, Three Gang Cast Aluminum Box Note: One hub.	189.05	46.16
26 05 33	16-0228		Cast Aluminum Explosion Proof Outlet Bodies (26 05 33 16-0127) Note: Class I, Div. 1 & 2; Class II, Div. 1 & 2; and Class III.		
26 05 33	16-0229	EA	1/2" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	175.45	43.45
26 05 33	16-0230	EA	3/4" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	217.80	48.88
26 05 33	16-0231	EA	1" Depth, Type GRSS, 7 Opening, Cast Aluminum Explosion Proof Outlet Body.....	198.56	54.31
26 05 33	16-0232	EA	1/2" Depth, Type GRSSA, 13 Opening, Cast Aluminum Explosion Proof Outlet Body.....	194.38	48.88
26 05 33	16-0233	EA	3/4" Depth, 13 Hubs, Explosion Proof Conduit Outlet Box With Cover Cast Aluminum, Type GRSSA.....	237.38	54.31
26 05 33	16-0234		Non-Metallic (PVC) Boxes (26 05 33 16) See CSI section 26 27 26 00-0277 for box covers.		
26 05 33	16-0235		Shallow, Single Gang Non-Metallic (PVC) Boxes (26 05 33 16-0234)		
26 05 33	16-0236	EA	1/2" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box Note: One hub.	57.25	22.82
26 05 33	16-0237	EA	3/4" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box Note: One hub.	65.22	26.62
26 05 33	16-0238	EA	1" Depth, Type FSE, Shallow, Single Gang Non-Metallic (PVC) Box Note: One hub.	73.57	32.32
26 05 33	16-0239	EA	1/2" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	72.82	30.42
26 05 33	16-0240	EA	3/4" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	85.42	36.12
26 05 33	16-0241	EA	1" Depth, Type FSC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	103.64	43.73
26 05 33	16-0242	EA	1/2" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	73.13	30.42
26 05 33	16-0243	EA	3/4" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	84.60	36.12
26 05 33	16-0244	EA	1" Depth, Type FSS, Shallow, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	100.83	43.73
26 05 33	16-0245	EA	1/2" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Three hubs.	92.49	38.02
26 05 33	16-0246	EA	3/4" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Three hubs.	104.45	45.62
26 05 33	16-0247	EA	1" Depth, Type FSCC, Shallow, Single Gang Non-Metallic (PVC) Box Note: Three hubs.	122.49	55.13
26 05 33	16-0248		Deep, Single Gang Non-Metallic (PVC) Boxes (26 05 33 16-0234)		
26 05 33	16-0249	EA	No Hub, Type FD, Deep, Single Gang Non-Metallic (PVC) Box Note: No hubs.	58.15	22.82
26 05 33	16-0250	EA	1/2" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box Note: One hub.	56.56	22.82
26 05 33	16-0251	EA	3/4" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box Note: One hub.	67.38	26.62
26 05 33	16-0252	EA	1" Depth, Type FDE, Deep, Single Gang Non-Metallic (PVC) Box Note: One hub.	74.45	32.32
26 05 33	16-0253	EA	1/2" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	74.60	30.42
26 05 33	16-0254	EA	3/4" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	83.09	36.12
26 05 33	16-0255	EA	1" Depth, Type FDC, Deep, Single Gang Non-Metallic (PVC) Box Note: Two hubs.	99.10	43.73
26 05 33	16-0256		Shallow, Two Gang Non-Metallic (PVC) Boxes (26 05 33 16-0234)		
26 05 33	16-0257	EA	1/2" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box Note: One hub.	61.52	24.71
26 05 33	16-0258	EA	3/4" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box Note: One hub.	70.40	28.51
26 05 33	16-0259	EA	1" Depth, Type FSE, Shallow, Two Gang Non-Metallic (PVC) Box Note: One hub.	77.54	34.21
26 05 33	16-0260	EA	1/2" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	74.65	32.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0261 EA 3/4" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	93.09	38.02
26 05 33 16-0262 EA 1" Depth, Type FSC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	109.89	45.62
26 05 33 16-0263 EA 1/2" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	76.75	32.32
26 05 33 16-0264 EA 3/4" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	98.92	38.02
26 05 33 16-0265 EA 1" Depth, Type FSS, Shallow, Two Gang Non-Metallic (PVC) Box Note: Two hubs.	105.21	45.62
26 05 33 16-0266 EA 1/2" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	93.68	39.92
26 05 33 16-0267 EA 3/4" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	125.28	47.53
26 05 33 16-0268 EA 1" Depth, Type FSCC, Shallow, Two Gang Non-Metallic (PVC) Box Note: Three hubs.	126.15	57.03
26 05 33 16-0269 Poke Thru Units <small>(26 05 33 16)</small>		
26 05 33 16-0270 Surface Poke Thru Units <small>(26 05 33 16-0269)</small> Note: Excludes concrete drilling.		
26 05 33 16-0271 EA Single 20 Amperes, Duplex Receptacle RC3 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC3ATCAL.	562.92	40.74
26 05 33 16-0272 EA Retrofit Kit Upgrades Existing RC3 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes 20 Amp duplex receptacle. Tile or carpet with brushed aluminum flange with black non-metallic cover. Wiremold RC3KTCAL.	359.10	
26 05 33 16-0273 EA 20 Amperes, Replacement Duplex Receptacle For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC37REC.	46.94	10.87
26 05 33 16-0274 EA Abandonment Plate For RC3 Series Power And Communications Poke Thru Unit Note: Wiremold RC3APTCK.	59.89	5.43
26 05 33 16-0275 EA Four 20 Amperes, Receptacles RC4 Power And Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Excludes communication jacks. Wiremold RC4ATCAL.	637.73	43.45
26 05 33 16-0276 EA Retrofit Kit Upgrades Existing RC4 Series Power And Communications Poke Thru Unit To Meet Scrub Water Requirements Note: Includes two 20 Amp duplex receptacles. Tile or carpet with brushed aluminum flange with black non- metallic cover. Excludes communication jacks. Wiremold RC4KTCAL.	335.52	
26 05 33 16-0277 EA Two 20 Amperes, Replacement Duplex Receptacles For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4REC2.	81.42	16.29
26 05 33 16-0278 EA Abandonment Plate For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold RC4APTCK.	59.89	5.43
26 05 33 16-0279 EA Abandonment Plug For RC4 Series Power And Communications Poke Thru Unit Note: Wiremold ABPLUG4.	176.54	10.87
26 05 33 16-0280 EA Four Jack RC9AMD Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept four Ortronics TracJack inserts and two Ortronics Series II inserts. Excludes communication jacks. Wiremold RC9AMDTCAL.	503.15	38.02
26 05 33 16-0281 EA Abandonment Plate For RC9 Series Communications Poke Thru Unit Note: Wiremold RC9APTCK.	40.94	5.43
26 05 33 16-0282 EA Eight Jack AMD8 Communications Poke Thru Unit Note: Tile or carpet with brushed aluminum flange with black non-metallic cover. Includes bezels to accept eight Ortronics TracJack inserts and four Ortronics Series II inserts. Excludes communication jacks. Wiremold AMD8ATCAL.	500.76	38.02
26 05 33 16-0283 EA Communication Conduit Adapter For Poke Thru Units Note: Includes two conduit connections for communication systems. Wiremold COM75.	57.81	5.43
26 05 33 16-0284 Recessed Poke Thru Units <small>(26 05 33 16-0269)</small> Note: Excludes concrete drilling.		
26 05 33 16-0285 Evolution 6AT Poke Thru Units <small>(26 05 33 16-0284)</small> Note: Excludes concrete drilling.		
26 05 33 16-0286 EA Recessed Prewired Assembly With Surface Style Cover (Wiremold 6ATCP) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	878.02	43.45
26 05 33 16-0287 EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 6ATP) Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	878.13	43.45
26 05 33 16-0288 EA Recessed Assembly With Surface Style Cover (Wiremold 6ATC) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	836.29	43.45
26 05 33 16-0289 EA Recessed Assembly With Flush Style Cover (Wiremold 6AT) Note: For tile, wood or laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	836.29	43.45
26 05 33 16-0290 EA Recessed Prewired Audio/Video Assembly With Surface Style Cover (Wiremold 6ATCPA) Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	878.02	43.45

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0291	EA	Recessed Prewired Audio/Video Assembly With Flush Style Cover (Wiremold 6ATPA)..... Note: For tile, wood and laminate floors. For use in 6" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	878.02	43.45
26 05 33	16-0292	EA	Recessed Furniture Feed Assembly With Surface Style Cover (Wiremold 6ATCFF)..... Note: For carpet, tile, wood and laminate floors. For use in 6" diameter cored hole. Die-cast aluminum cover assembly provides one (1) 3/4" trade size screw plug opening and one (1) concentric 2" to 1 1/4" trade size screw plug opening and is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	800.97	43.45
26 05 33	16-0293	EA	Recessed Assembly With Disposable Plate (Wiremold 6STC)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. No device plates are included. For use with the following cover assemblies (purchased separately): 6CTC, 6CT, and 6CFFTC Series.	498.46	40.74
26 05 33	16-0294	EA	Recessed Prewired Audio/Video Assembly With Disposable Plate (Wiremold 6STCPAV)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies(purchased separately): 6CTC and 6CT Series.	535.37	40.74
26 05 33	16-0295	EA	Recessed Prewired Assembly With Disposable Plate (Wiremold 6STCP)..... Note: Includes 6" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 6CTC and 6CT Series.	539.03	40.74
26 05 33	16-0296	EA	6" Pre-Pour Poke-Thru Sleeve (Wiremold 6PPS)..... Note: Non-metallic sleeve attaches to structural decking and maintains 6" to 6-1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	149.99	21.72
26 05 33	16-0297	EA	Surface Style Cover Assembly (Wiremold 6CTC)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CTC Series cover assemblies designed for use with 6STC, 6STCP, and 6STCPAV Poke-Thru Stem Assemblies.	355.71	10.87
26 05 33	16-0298	EA	Flush Style Cover Assembly (Wiremold 6CT)..... Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: black (BK), gray (GY), nickel (NK), brass (BS), and bronze (BZ). 6CT Series cover assemblies designed for use with 6STC, 6STCP and 6STCPAV Poke-Thru Stem Assemblies. Includes one (1) 6TS Tile Shim.	355.71	10.87
26 05 33	16-0299	EA	Furniture Feed Cover Assembly (Wiremold 6CFFTC)..... Note: Surface style, die-cast aluminum cover assembly, with one (1) 3/4" trade size screw plug opening, and one (1) concentric 2" to 1-1/4" trade size screw plug opening. Cover assembly is available in finishes: black (BK), gray(GY), nickel (NK), brass (BS), and bronze (BZ). 6CFFTC Series Cover Assemblies designed for use with 6STC Poke- Thru Stem Assembly. Includes one (1) 3/4" and one (1) 2" trade size conduit fittings and one (1) divider to separate services.	295.18	10.87
26 05 33	16-0300	EA	Tile Shim (Wiremold 6TS)..... Note: Used for floor coverings greater than 5/16" The 6TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" of adjustment.	42.39	2.72
26 05 33	16-0301	EA	Device Mounting Plate (Wiremold 6AAP)..... Note: Device plate that will accept up to two (2) Extron® Electronics AAP style plates. For use in the center compartment only. Devices supplied by others.	19.65	5.43
26 05 33	16-0302	EA	Device Mounting Plate (Wiremold 6ACT8A)..... Note: Device plate that will accept up to eight (8) ports of communication devices. For use in the center compartment only. Devices supplied by others.	22.93	5.43
26 05 33	16-0303	EA	Device Mounting Plate (Wiremold 6B)..... Note: Device plate used to blank off center compartment, when no devices are used.	19.55	5.43
26 05 33	16-0304	EA	Device Mounting Plate (Wiremold 6DEC)..... Note: Device plate that will accept Decorator style devices such as 20 amperes receptacles, GFCl's, 106 adapters or AV devices. For use in the center compartment only. Devices supplied by others.	19.61	5.43
26 05 33	16-0305	EA	Device Mounting Plate (Wiremold 6DP)..... Note: Device plate that will accept standard 20 amperes duplex receptacle or duplex Turnlok receptacle. For use in the center compartment only. Devices supplied by others.	19.47	5.43
26 05 33	16-0306	EA	Device Mounting Plate (Wiremold 6MAAP)..... Note: Device plate that will accept up to six (6) Extron® Electronics MAAP style plates. For use in the center compartment only. Devices supplied by others.	23.27	5.43
26 05 33	16-0307	EA	Device Mounting Plate (Wiremold 6MAAP2A)..... Note: Combination device plate that will accept up to three (3) Extron® Electronics MAAP style plates, and up to two (2) ports of communication devices. For use in the center compartment only. Devices supplied by others.	23.01	5.43
26 05 33	16-0308	EA	Mosaic Mounting Plate (Wiremold 6MOS)..... Note: Device plate will accept two (2) standard [45mm x 45mm] or one (1) standard [45mm x 90mm] Mosaic style device(s). Devices supplied by others.	23.60	5.43
26 05 33	16-0309	EA	Device Mounting Plate (Wiremold 6S1)..... Note: Receptacle opening 1 3/8". For 6" poke-thru units only.	19.16	5.43
26 05 33	16-0310	EA	Device Mounting Plate (Wiremold 6S2)..... Note: Receptacle opening 1 9/16". For 6" poke-thru units only.	19.18	5.43
26 05 33	16-0311	EA	Device Mounting Plate (Wiremold 6SER)..... Note: Device plate that will accept up to four (4) Ortronics® Series II dual modular inserts. For use in the center compartment only. Devices supplied by others.	18.89	5.43
26 05 33	16-0312	EA	Device Mounting Plate (Wiremold 6TRAC)..... Note: Device plate that will accept up to eight (8) Ortronics® TracJack devices. For use in the center compartment only. Devices supplied by others.	18.89	5.43
26 05 33	16-0313	EA	20 Amperes, Duplex Receptacles (Wiremold 68REC)..... Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated ground device.	46.86	8.15
26 05 33	16-0314	EA	Device Mounting Plate (Wiremold 68B)..... Note: Blank plate. Used to blank off either of the side compartments when no devices or cabling are to be used.	17.17	5.43
26 05 33	16-0315	EA	Device Mounting Plate (Wiremold 68MAAP)..... Note: Device plate that will accept up to two (2) Extron® Electronics MAAP device plates. For use in either of the two side compartments only. Not for use in the center compartment. Extron Devices supplied by others.	17.64	5.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 16-0316 EA 20 Amperes, Duplex Receptacles (Wiremold 68REC-25) Note: Two (2) proprietary 20 amperes duplex power receptacles with mounting plates and 25' leads. Designed to fit in either of the two side compartments in both the 6ATC and the 8ATC Series Poke-Thru Devices. Receptacle can be wired as a standard or isolated	151.78	9.77
26 05 33 16-0317 EA Device Mounting Plate (Wiremold 682A) Note: Device plate that will accept up to two (2) ports of communication devices. For use in either of the two side compartments only. Not for use in the center compartment. Communication devices supplied by others.	22.71	5.43
26 05 33 16-0318 EA Bottom Housing Assembly (Wiremold 5PTHA) Note: Half-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required. For use on side compartments only.	23.73	5.43
26 05 33 16-0319 EA Bottom Housing Assembly (Wiremold 5BLH) Note: Half-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required. For use on side compartments only. Includes tunnels for 6" and 8" poke-thru devices.	24.45	5.43
26 05 33 16-0320 EA Bottom Housing Assembly (Wiremold 152CHA) Note: One and a half-gang 2" trade size conduit housing assembly. Recommended for use with furniture feed devices (6ATCFF). Covers the center compartment and one of the side compartments.	36.84	10.87
26 05 33 16-0321 EA Bottom Housing Assembly (Wiremold 575CHA) Note: Half-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections. For use on side compartments only.	41.90	13.58
26 05 33 16-0322 EA Bottom Housing Assembly (Wiremold 175CHA) Note: One-gang 3/4" trade size conduit housing assembly. Includes junction box attached to 3/4" trade size conduit for electrical power connections.	46.60	13.58
26 05 33 16-0323 EA Bottom Housing Assembly (Wiremold 1125CHA) Note: One-gang 1 1/4" trade size conduit housing assembly.	35.25	10.87
26 05 33 16-0324 EA Bottom Housing Assembly (Wiremold 1PTHA) Note: One-gang pass through housing assembly. Designed to allow pass through of communication cables when no conduit is required.	23.56	5.43
26 05 33 16-0325 EA Bottom Housing Assembly (Wiremold 1BLH) Note: One-gang blank housing assembly. Designed to blank off compartment when no cable pass through is required.	23.56	5.43
26 05 33 16-0326 EA Bottom Housing Assembly (Wiremold 15FFHA) Note: One and a half-gang pass through conduit housing assembly. Used for furniture feed applications on the center compartment only. Only for use with 6AT Series units.	24.91	5.43
26 05 33 16-0327 EA Bottom Housing Assembly (Wiremold 1BHA) Note: One-gang bottom housing assembly. Designed to accept 175CHA, 1125CHA, 1PTHA, and 1BLH plates.	25.82	5.43
26 05 33 16-0328 Evolution 8AT Poke Thru Units <small>(26 05 33 16-0284)</small> Note: Excludes concrete drilling.		
26 05 33 16-0329 EA Recessed Prewired Assembly With Surface Style Cover (Wiremold 8ATCP) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,155.61	43.45
26 05 33 16-0330 EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 8ATP) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,099.30	43.45
26 05 33 16-0331 EA Recessed Prewired Assembly With Flush Style Cover (Wiremold 8AT2P) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" [83mm] below floor surface. Die-cast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,168.36	43.45
26 05 33 16-0332 EA Recessed Assembly With Surface Style Cover (Wiremold 8ATC) Note: For carpet, tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,088.70	43.45
26 05 33 16-0333 EA Recessed Assembly With Flush Style Cover (Wiremold 8AT) Note: For tile, wood and laminate floors. For use in 8" diameter cored hole. Devices are recessed 3 1/4" below floor surface. Diecast aluminum cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze.	1,078.65	43.45
26 05 33 16-0334 EA Recessed Assembly With Disposable Plate (Wiremold 8STC) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	647.47	40.74
26 05 33 16-0335 EA Recessed Prewired Assembly With Disposable Plate (Wiremold 8STCP) Note: Includes 8" core hole poke-thru stem assembly with a disposable plate. Devices are recessed 3 1/4" below floor surface. No cover assembly is included. For use with the following cover assemblies (purchased separately): 8CTC and 8CT Series.	726.80	40.74
26 05 33 16-0336 EA 8" Pre-Pour Poke-Thru Sleeve (Wiremold 8PPS) Note: Non-metallic sleeve attaches to structural decking and maintains 8" to 8 1/8" diameter cast in core hole. Unit includes three (3) attachment legs, two (2) end caps and three (3) thumb screws.	180.95	21.72
26 05 33 16-0337 EA Surface Style Cover Assembly (Wiremold 8CTC) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies.	384.92	10.87
26 05 33 16-0338 EA Flush Style Cover Assembly (Wiremold 8CT) Note: Die-cast aluminum cover assembly. Cover assembly is available in the following finishes: (BK) painted black, (GY) painted gray, (NK) nickel, (BS) brass, and (BZ) bronze. 8CTC Series Cover Assemblies designed for use with 8STC and 8STCP Poke-Thru Stem Assemblies. Includes one (1) 8TS Tile Shim.	384.92	10.87
26 05 33 16-0339 EA Tile Shim (Wiremold 8TS) Note: Used for floor coverings greater than 5/16". The 8TS will allow the top surface of the cover to be flush with the finished floor. Includes: two (2) 1/8" thick shims and two (2) 1/16" thick shims. Up to a total of 3/8" [9.5mm] of adjustment.	66.47	2.72
26 05 33 16-0340 EA Device Mounting Plate (Wiremold 8B) Note: Singlegang device plate used to blank off any one (1) of the three (3) gangs in the center compartment, when no devices are used.	20.35	5.43

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	16-0341	EA	Device Mounting Plate (Wiremold 8DP)..... Note: Singlegang device plate that accepts standard 20 amperes duplex receptacle or a duplex Turnlok receptacle. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.48	5.43
26 05 33	16-0342	EA	Device Mounting Plate (Wiremold 8DEC)..... Note: Singlegang device plate that will accept Decorator style devices such as 20 amperes receptacles, GGCIs, 106 adapters or AV devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	20.62	5.43
26 05 33	16-0343	EA	Device Mounting Plate (Wiremold 8ACT6A)..... Note: Singlegang device plate that will accept up to six (6) ports of communication devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	24.14	5.43
26 05 33	16-0344	EA	Mosaic Mounting Plate (Wiremold 8MOS)..... Note: Device plate accepts three (3) standard Mosaic devices. Devices supplied by others.	29.55	5.43
26 05 33	16-0345	EA	Crestron Double Gang Plate (Wiremold 8CREST)..... Note: Device plate accepts Crestron double-gang decorator style devices.	29.51	5.43
26 05 33	16-0346	EA	Device Mounting Plate (Wiremold 8S1)..... Note: Receptacle opening 1 3/8". For 8" poke-thru units only.	19.69	5.43
26 05 33	16-0347	EA	Device Mounting Plate (Wiremold 8S2)..... Note: Receptacle opening 1 9/16". For 8" poke-thru units only.	19.96	5.43
26 05 33	16-0348	EA	Device Mounting Plate (Wiremold 8TRAC)..... Note: Singlegang device plate that will accept up to six (6) Ortronics TracJack devices. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.69	5.43
26 05 33	16-0349	EA	Device Mounting Plate (Wiremold 8SER)..... Note: Singlegang device plate that will accept up to three (3) Ortronics Series II dual modular inserts. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	19.69	5.43
26 05 33	16-0350	EA	Device Mounting Plate (Wiremold 8MAAP)..... Note: Singlegang device plate that will accept up to four (4) Extron® Electronics MAAP style plates. Fits in any one (1) of the three (3) gangs in the center compartment. Devices supplied by others.	29.07	5.43
26 05 33	16-0351	EA	Device Mounting Plate (Wiremold 8AAP)..... Note: Twogang device plate that will accept up to four (4) Extron® Electronics AAP style plates. 8AAP takes up 2 of the 3 gangs in the center compartment. Devices supplied by others.	23.98	5.43
26 05 33	16-0352	EA	8" Divider (Wiremold 8DIV)..... Note: Divider allows for separation of services when required.	27.87	5.43
26 05 33	16-0353	EA	Bottom Housing Assembly (Wiremold 22CHA)..... Note: Two-gang 2" trade size conduit housing assembly. Used on 8AT Series devices. Covers two (2) of the three (3) gangs in the center compartment. Only for use with 8AT Series units.	36.84	10.87

26 05 33 23 Surface Raceways for Electrical Systems (26 05 33)**26 05 33 23-0001 Raceways (26 05 33 23)****26 05 33 23-0002 Wireway With Screw Cover (26 05 33 23-0001)**

Note: Also known as wire trough. Galvanized steel construction. Mounted exposed on flat wall surface.

26 05 33 23-0003 2-1/2" x 2-1/2", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33	23-0004	LF	2-1/2" x 2-1/2", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	26.95 0.85 0.50	4.96
26 05 33	23-0005	EA	2-1/2" x 2-1/2", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	21.05 0.31	7.44
26 05 33	23-0006	EA	2-1/2" x 2-1/2", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	24.72 0.31	9.28
26 05 33	23-0007	EA	2-1/2" x 2-1/2", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	52.83 0.91	17.37
26 05 33	23-0008	EA	2-1/2" x 2-1/2", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	88.88 2.71	17.37
26 05 33	23-0009	EA	2-1/2" x 2-1/2", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	132.05 4.14	24.71
26 05 33	23-0010	EA	2-1/2" x 2-1/2", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	148.37 4.69	27.29

26 05 33 23-0011 4" x 4", Wireway With Screw Cover (26 05 33 23-0002)

26 05 33	23-0012	LF	4" x 4", NEMA 1, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	32.96 1.03 0.62	6.25
26 05 33	23-0013	LF	4" x 4", NEMA 3R, Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i> <i>For Concrete Or Masonry Surface, Add</i>	60.92 2.43 0.62	6.25
26 05 33	23-0014	EA	4" x 4", End Plate For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	17.36 0.32	5.46
26 05 33	23-0015	EA	4" x 4", Coupling For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	27.28 0.32	10.42
26 05 33	23-0016	EA	4" x 4", Panel Adapter For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	62.13 0.98	21.24
26 05 33	23-0017	EA	4" x 4", Elbow For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	101.77 2.96	21.24
26 05 33	23-0018	EA	4" x 4", Tee For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	145.01 4.49	27.59
26 05 33	23-0019	EA	4" x 4", Cross For Surface Mounted Wireway With Screw Cover <i>For Combination Hinged Screw Cover, Add</i>	167.39 5.14	32.25

26 05 33 23-0020 6" x 6", Wireway With Screw Cover (26 05 33 23-0002)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0021 LF 6" x 6", NEMA 1, Surface Mounted Wireway With Screw Cover.....	49.91	7.44
<i>For Combination Hinged Screw Cover, Add</i>	1.75	
<i>For Concrete Or Masonry Surface, Add</i>	0.75	
26 05 33 23-0022 LF 6" x 6", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	98.94	7.44
<i>For Combination Hinged Screw Cover, Add</i>	4.20	
<i>For Concrete Or Masonry Surface, Add</i>	0.75	
26 05 33 23-0023 EA 6" x 6", End Plate For Surface Mounted Wireway With Screw Cover.....	22.27	5.96
<i>For Combination Hinged Screw Cover, Add</i>	0.52	
26 05 33 23-0024 EA 6" x 6", Coupling For Surface Mounted Wireway With Screw Cover.....	35.18	12.41
<i>For Combination Hinged Screw Cover, Add</i>	0.52	
26 05 33 23-0025 EA 6" x 6", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	89.60	24.71
<i>For Combination Hinged Screw Cover, Add</i>	2.01	
26 05 33 23-0026 EA 6" x 6", Elbow For Surface Mounted Wireway With Screw Cover.....	131.46	24.71
<i>For Combination Hinged Screw Cover, Add</i>	4.11	
26 05 33 23-0027 EA 6" x 6", Tee For Surface Mounted Wireway With Screw Cover.....	209.25	30.87
<i>For Combination Hinged Screw Cover, Add</i>	7.38	
26 05 33 23-0028 EA 6" x 6", Cross For Surface Mounted Wireway With Screw Cover.....	226.03	35.72
<i>For Combination Hinged Screw Cover, Add</i>	7.73	
26 05 33 23-0029 8" x 8", Wireway With Screw Cover <small>(26 05 33 23-0002)</small>		
26 05 33 23-0030 LF 8" x 8", NEMA 1, Surface Mounted Wireway With Screw Cover.....	81.84	8.13
<i>For Combination Hinged Screw Cover, Add</i>	3.28	
<i>For Concrete Or Masonry Surface, Add</i>	0.81	
26 05 33 23-0031 LF 8" x 8", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	151.68	8.13
<i>For Combination Hinged Screw Cover, Add</i>	6.77	
<i>For Concrete Or Masonry Surface, Add</i>	0.81	
26 05 33 23-0032 EA 8" x 8", End Plate For Surface Mounted Wireway With Screw Cover.....	24.56	6.45
<i>For Combination Hinged Screw Cover, Add</i>	0.58	
26 05 33 23-0033 EA 8" x 8", Coupling For Surface Mounted Wireway With Screw Cover.....	38.46	13.40
<i>For Combination Hinged Screw Cover, Add</i>	0.58	
26 05 33 23-0034 EA 8" x 8", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	100.10	27.19
<i>For Combination Hinged Screw Cover, Add</i>	2.29	
26 05 33 23-0035 EA 8" x 8", Elbow For Surface Mounted Wireway With Screw Cover.....	168.08	27.19
<i>For Combination Hinged Screw Cover, Add</i>	5.68	
26 05 33 23-0036 EA 8" x 8", Tee For Surface Mounted Wireway With Screw Cover.....	252.85	33.55
<i>For Combination Hinged Screw Cover, Add</i>	9.29	
26 05 33 23-0037 EA 8" x 8", Cross For Surface Mounted Wireway With Screw Cover.....	355.03	40.69
<i>For Combination Hinged Screw Cover, Add</i>	13.68	
26 05 33 23-0038 10" x 10", Wireway With Screw Cover <small>(26 05 33 23-0002)</small>		
26 05 33 23-0039 LF 10" x 10", NEMA 1, Surface Mounted Wireway With Screw Cover.....	119.59	9.43
<i>For Combination Hinged Screw Cover, Add</i>	5.04	
<i>For Concrete Or Masonry Surface, Add</i>	0.94	
26 05 33 23-0040 LF 10" x 10", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	214.10	9.43
<i>For Combination Hinged Screw Cover, Add</i>	9.76	
<i>For Concrete Or Masonry Surface, Add</i>	0.94	
26 05 33 23-0041 EA 10" x 10", End Plate For Surface Mounted Wireway With Screw Cover.....	34.91	7.44
<i>For Combination Hinged Screw Cover, Add</i>	1.00	
26 05 33 23-0042 EA 10" x 10", Coupling For Surface Mounted Wireway With Screw Cover.....	49.80	14.88
<i>For Combination Hinged Screw Cover, Add</i>	1.00	
26 05 33 23-0043 EA 10" x 10", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	135.76	29.57
<i>For Combination Hinged Screw Cover, Add</i>	3.83	
26 05 33 23-0044 EA 10" x 10", Elbow For Surface Mounted Wireway With Screw Cover.....	270.62	29.57
<i>For Combination Hinged Screw Cover, Add</i>	10.57	
26 05 33 23-0045 EA 10" x 10", Tee For Surface Mounted Wireway With Screw Cover.....	411.79	37.32
<i>For Combination Hinged Screw Cover, Add</i>	16.86	
26 05 33 23-0046 EA 10" x 10", Cross For Surface Mounted Wireway With Screw Cover.....	591.13	42.18
<i>For Combination Hinged Screw Cover, Add</i>	25.34	
26 05 33 23-0047 12" x 12", Wireway With Screw Cover <small>(26 05 33 23-0002)</small>		
26 05 33 23-0048 LF 12" x 12", NEMA 1, Surface Mounted Wireway With Screw Cover.....	140.34	11.41
<i>For Combination Hinged Screw Cover, Add</i>	5.88	
<i>For Concrete Or Masonry Surface, Add</i>	1.14	
26 05 33 23-0049 LF 12" x 12", NEMA 3R, Surface Mounted Wireway With Screw Cover.....	235.32	11.41
<i>For Combination Hinged Screw Cover, Add</i>	10.63	
<i>For Concrete Or Masonry Surface, Add</i>	1.14	
26 05 33 23-0050 EA 12" x 12", End Plate For Surface Mounted Wireway With Screw Cover.....	46.48	7.94
<i>For Combination Hinged Screw Cover, Add</i>	1.53	
26 05 33 23-0051 EA 12" x 12", Coupling For Surface Mounted Wireway With Screw Cover.....	62.37	15.87
<i>For Combination Hinged Screw Cover, Add</i>	1.53	
26 05 33 23-0052 EA 12" x 12", Panel Adapter For Surface Mounted Wireway With Screw Cover.....	180.25	32.25
<i>For Combination Hinged Screw Cover, Add</i>	5.79	
26 05 33 23-0053 EA 12" x 12", Elbow For Surface Mounted Wireway With Screw Cover.....	358.85	32.25
<i>For Combination Hinged Screw Cover, Add</i>	14.72	
26 05 33 23-0054 EA 12" x 12", Tee For Surface Mounted Wireway With Screw Cover.....	463.43	39.69
<i>For Combination Hinged Screw Cover, Add</i>	19.20	
26 05 33 23-0055 EA 12" x 12", Cross For Surface Mounted Wireway With Screw Cover.....	761.71	44.66
<i>For Combination Hinged Screw Cover, Add</i>	33.62	
26 05 33 23-0056 Surface Metal Raceways <small>(26 05 33 23-0001)</small>		
Note: Exposed on flat wall surface.		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33	23-0057		One Piece Surface Metal Raceways <small>(26 05 33 23-0056)</small> Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33	23-0058		3/4" x 17/32" One Piece Surface Metal Raceways (Wiremold #500) <small>(26 05 33 23-0057)</small> Note: Available in ivory.		
26 05 33	23-0059	LF	3/4" x 17/32" One Piece Surface Metal Raceway (Wiremold #500).....	4.68	1.48
			<i>For Concrete Or Masonry Surface, Add</i>	0.15	
26 05 33	23-0060	EA	Bushing (Wiremold #502).....	4.38	1.99
26 05 33	23-0061	EA	One Or Two Hole Strap (Wiremold #504).....	4.43	1.99
26 05 33	23-0062	EA	Connection Cover (Wiremold #506).....	4.62	1.99
26 05 33	23-0063	EA	Flat 90 Degree Elbow (Wiremold #511).....	7.26	2.39
26 05 33	23-0064	EA	Flat 45 Degree Elbow (Wiremold #512).....	12.68	2.48
26 05 33	23-0065	EA	Adjustable Internal Elbow (Wiremold #517).....	9.07	2.98
26 05 33	23-0066	EA	Adjustable External Elbow (Wiremold #518).....	8.84	2.98
26 05 33	23-0067		3/4" x 21/32" One Piece Surface Metal Raceways (Wiremold #700) <small>(26 05 33 23-0057)</small> Note: Available in ivory and white.		
26 05 33	23-0068	LF	3/4" x 21/32" One Piece Surface Metal Raceway (Wiremold #700).....	5.83	1.99
			<i>For Concrete Or Masonry Surface, Add</i>	0.20	
26 05 33	23-0069	EA	Bushing (Wiremold #702).....	4.49	1.99
26 05 33	23-0070	EA	One Or Two Hole Strap (Wiremold #704).....	4.65	1.99
26 05 33	23-0071	EA	Connection Cover (Wiremold #706).....	4.70	1.99
26 05 33	23-0072	EA	Flat 90 Degree Elbow (Wiremold #711).....	10.49	3.97
26 05 33	23-0073	EA	Flat 45 Degree Elbow (Wiremold #712).....	17.28	3.97
26 05 33	23-0074	EA	Adjustable Internal Elbow (Wiremold #717).....	11.42	3.97
26 05 33	23-0075	EA	Adjustable External Elbow (Wiremold #718).....	10.99	3.97
26 05 33	23-0076		One Piece Surface Metal Raceways Fittings (Wiremold #500 And 700 Fittings) <small>(26 05 33 23-0057)</small> Note: Available in ivory.		
26 05 33	23-0077	EA	18" Flex Fitting, For #500 Or 700 (Wiremold #5700F).....	34.36	2.98
26 05 33	23-0078	EA	Galvanized Coupling For #500 Or 700 (Wiremold #5701).....	4.64	1.99
26 05 33	23-0079	EA	Supporting Clip, For #500 Or 700 (Wiremold #5703).....	4.64	1.99
26 05 33	23-0080	EA	Ground Clamp (Wiremold #5709).....	14.41	2.98
26 05 33	23-0081	EA	Grounding Connector (Wiremold #5709GC).....	12.01	2.98
26 05 33	23-0082	EA	L Or R (Left Or Right) Twisted Internal Ell (Wiremold #5711).....	13.44	3.97
26 05 33	23-0083	EA	Tee (Wiremold #5715).....	14.94	4.96
26 05 33	23-0084	EA	2-1/2" x 2-3/8" x 2-1/2" Corner Box (Wiremold #5719).....	27.59	3.97
26 05 33	23-0085	EA	Utility Box For #500 Or #700 (Wiremold #57242).....	20.92	3.97
26 05 33	23-0086	EA	2-3/8" Diameter, Blank Cover (Wiremold #5731).....	11.12	2.48
26 05 33	23-0087	EA	3" Diameter, Outlet Box (Wiremold #5733).....	26.22	3.97
26 05 33	23-0088	EA	4-3/4" Square x 1-3/8" Deep, Distribution Box (Wiremold #5735).....	26.10	3.97
26 05 33	23-0089	EA	4-3/8" Blank Cover (Wiremold #5736).....	11.83	2.48
26 05 33	23-0090	EA	4-3/4" Diameter, Extension Box/Open Base (Wiremold #5737).....	23.59	3.97
26 05 33	23-0091	EA	5-1/2" Diameter, Extension Box/Open Base (Wiremold #5737A).....	22.72	3.97
26 05 33	23-0092	EA	4-3/4" Diameter, Fixture Box/Solid Base (Wiremold #5738).....	22.92	3.97
26 05 33	23-0093	EA	5-1/2" Diameter, Fixture Box/Solid Base (Wiremold #5738A).....	22.92	3.97
26 05 33	23-0094	EA	5-1/2" Diameter, Fan Box/Solid Base (Wiremold #5738AF).....	26.10	3.97
26 05 33	23-0095	EA	6-3/8" Diameter, Fixture Box/Solid Base (Wiremold #5739).....	25.77	3.97
26 05 33	23-0096	EA	6-3/8" Diameter, Extension Box/Open Base (Wiremold #5739A).....	27.59	3.97
26 05 33	23-0097	EA	Standard Switch Box For #500, Or #700 (Wiremold #57240).....	30.42	6.45
26 05 33	23-0098	EA	Duplex Receptacle And Box, Ground, For #500 Or #700 (Wiremold #57243G).....	47.37	12.41
26 05 33	23-0099	EA	2-13/16" x 4-5/8" x 1-3/8" Switch And Receptacle Box For Shallow Type Switches (Wiremold #5741).....	22.42	6.45
26 05 33	23-0100	EA	1 Gang, 4-5/8" x 2-7/8" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744).....	36.85	6.45
26 05 33	23-0101	EA	2 Gang, 4-3/4" x 4-3/4" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-2).....	42.59	6.45
26 05 33	23-0102	EA	3 Gang, 4-5/8" x 6-1/2" x 2-3/4" Extra Deep Switch And Receptacle Box (Wiremold #5744-3).....	65.89	6.45
26 05 33	23-0103	EA	1 Gang, Signal Box (Wiremold #5744S).....	33.54	5.46
26 05 33	23-0104	EA	2 Gang, Signal Box (Wiremold #5744S-2).....	37.67	5.46
26 05 33	23-0105	EA	3 Gang, Signal Box (Wiremold #5744S-3).....	61.62	5.46
26 05 33	23-0106	EA	4-5/8" x 2-7/8" x 1-3/4" Combination Switch And Receptacle Box With 1/2" KO's (Wiremold #5745).....	23.51	6.45
26 05 33	23-0107	EA	4-5/8" x 2-7/8" x 1-3/8", 1 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747).....	20.38	6.45
26 05 33	23-0108	EA	4-3/4" x 4-3/4" x 1-3/8", 2 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-2).....	29.64	6.45
26 05 33	23-0109	EA	4-5/8" x 6-1/2" x 2-3/4", 3 Gang, Shallow Switch And Receptacle Box For Standard Shallow Devices (Wiremold #5747-3).....	59.94	6.45
26 05 33	23-0110	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748).....	21.95	6.45
26 05 33	23-0111	EA	4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-2).....	31.52	6.45
26 05 33	23-0112	EA	4-5/8" x 6-1/2" x 1-3/4", 3 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-3).....	58.19	6.45
26 05 33	23-0113	EA	4-5/8" x 8-11/32" x 1-3/4", 4 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-4).....	87.53	6.45
26 05 33	23-0114	EA	4-5/8" x 10-5/32" x 1-3/4", 5 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-5).....	145.87	6.45
26 05 33	23-0115	EA	4-5/8" x 11-31/32" x 1-3/4", 6 Gang, Switch And Receptacle Box For Deep Devices (Wiremold #5748-6).....	148.48	6.45
26 05 33	23-0116	EA	4-3/8" x 2-7/8" x 15/16" Shallow Switch And Receptacle Box For Shallow Duplex Devices (Wiremold #5748-S).....	21.65	6.45
26 05 33	23-0117	EA	4-5/8" x 2-7/8" x 15/16", 1 Gang, Flush-Type Extension Adapter (Wiremold #5751).....	20.99	6.45
26 05 33	23-0118	EA	4-3/4" x 4-3/4" x 15/16", 2 Gang, Flush-Type Extension Adapter (Wiremold #5751-2).....	28.71	6.45
26 05 33	23-0119	EA	4-5/8" x 6-1/2" x 15/16", 3 Gang, Flush-Type Extension Adapter (Wiremold #5751-3).....	58.78	6.45
26 05 33	23-0120	EA	4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Deep Flush-Type Extension Adapter (Wiremold #5751A).....	22.88	6.45
26 05 33	23-0121	EA	4-11/16" x 4-11/16" x 1-3/8", 2 Gang, Alarm Device Box (Wiremold #5752).....	30.33	6.45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0122 EA 4-11/16" x 4-11/16" x 2-3/4", 2 Gang, Extra Deep Alarm Device Box (Wiremold #5753).....	44.75	6.45
26 05 33 23-0123 EA Blank Extension Box (Wiremold #5760)	15.46	2.48
26 05 33 23-0124 EA 1/2" Special Nipple (Wiremold #5780)	14.68	2.48
26 05 33 23-0125 EA 1/2" Box Connector (Wiremold #5781)	9.46	2.48
26 05 33 23-0126 EA 3/4" Box Connector (Wiremold #5781A)	18.48	2.98
26 05 33 23-0127 EA 1/2" Conduit Connector (Wiremold #5782)	9.55	2.48
26 05 33 23-0128 EA 3/4" Conduit Connector (Wiremold #5782A)	23.43	2.98
26 05 33 23-0129 EA 1/2" Elbow Conduit Connector (Wiremold #5784)	20.88	2.98
26 05 33 23-0130 EA Combination Connector, To Any 3-1/4" Or 4" Outlet Box (Wiremold #5785)	11.12	2.98
26 05 33 23-0131 EA Offset Connector (Wiremold #5786)	19.30	2.98
26 05 33 23-0132 EA Armor Cable Connector (Wiremold #5790B)	9.71	2.48
26 05 33 23-0133 EA 1/2" Electrical Metallic Tubing (EMT) Connector, For #500 Or 700 (Wiremold #5791)	8.67	1.99
26 05 33 23-0134 1-9/16" x 11/32" One Piece Surface Metal Raceways (Wiremold #1500) <small>(26 05 33 23-0057)</small>		
<i>Note: Galvanized finish.</i>		
26 05 33 23-0135 LF 1-9/16" x 11/32" One Piece Surface Metal Raceway (Wiremold #1500-10)	8.56	2.48
<i>For Concrete Or Masonry Surface, Add</i>		
	0.25	
26 05 33 23-0136 EA Wire Clip (Wiremold #1500WC).....	5.16	1.99
26 05 33 23-0137 EA Bushing (Wiremold #1502)	6.07	2.48
26 05 33 23-0138 EA 2-Hole Strap (Wiremold #1504)	6.80	2.98
26 05 33 23-0139 EA Flat Elbow (Wiremold #1511).....	27.09	9.43
26 05 33 23-0140 EA Internal Elbow (Wiremold #1517).....	28.11	9.43
26 05 33 23-0141 EA Adapter Fitting (Wiremold #1517B).....	30.49	9.43
26 05 33 23-0142 EA External Elbow (Wiremold #1518)	30.29	9.43
26 05 33 23-0143 EA Utility Box (Wiremold #1528)	28.14	6.45
26 05 33 23-0144 EA Junction Box (Wiremold #1542D)	29.10	6.45
26 05 33 23-0145 EA Duplex Receptacle (Wiremold #1543GL)	57.12	12.41
26 05 33 23-0146 EA Single Receptacle Box (Wiremold #1546A).....	30.04	6.45
26 05 33 23-0147 EA Duplex Receptacle Box (Wiremold #1546B).....	37.29	6.45
26 05 33 23-0148 EA Telephone Box (Wiremold #1546T).....	36.54	6.45
26 05 33 23-0149 EA Combination Connection (Wiremold #1585).....	17.72	2.98
26 05 33 23-0150 2-7/32" x 28/32" One Piece Surface Metal Raceways (Wiremold #2600) <small>(26 05 33 23-0057)</small>		
<i>Note: Galvanized finish.</i>		
26 05 33 23-0151 LF 2-7/32" x 28/32" One Piece Surface Metal Raceway (Wiremold #2600-10)	14.61	4.46
<i>For Concrete Or Masonry Surface, Add</i>		
	0.45	
26 05 33 23-0152 EA Wire Clip (Wiremold #2600WC).....	5.33	1.99
26 05 33 23-0153 EA Fiber Bushing (Wiremold #2602)	6.09	1.99
26 05 33 23-0154 EA 2-5/8", 90 Degree Flat Elbow (Wiremold #2611)	23.90	3.47
26 05 33 23-0155 EA 5" Diameter, Junction Box (Wiremold #2642D)	35.92	4.96
26 05 33 23-0156 EA Service Fitting (Wiremold #2686FO).....	34.58	5.96
26 05 33 23-0157 Two Piece Surface Metal Raceways <small>(26 05 33 23-0056)</small>		
<i>Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).</i>		
26 05 33 23-0158 1-9/32" x 3/4" Two Piece Surface Metal Raceways (Wiremold #2000) <small>(26 05 33 23-0157)</small>		
26 05 33 23-0159 LF 1-9/32" x 3/4" Two Piece Surface Metal Raceway Base And Cover (Wiremold #2000BC)	8.45	2.48
<i>For Concrete Or Masonry Surface, Add</i>		
	0.25	
26 05 33 23-0160 EA Wire Clip (Wiremold #2000WC).....	3.88	1.99
26 05 33 23-0161 EA Coupling (Wiremold #2001)	10.06	2.48
26 05 33 23-0162 EA Supporting Clip (Wiremold #2003).....	5.26	1.48
26 05 33 23-0163 EA Cover Clip (Wiremold #2006).....	4.81	1.48
26 05 33 23-0164 EA Ground Clamp (Wiremold #2009)	13.27	2.48
26 05 33 23-0165 EA Entrance End Fitting (Wiremold #2010A2)	24.84	7.44
26 05 33 23-0166 EA Entrance End Fitting (Wiremold #2010A3)	44.06	9.93
26 05 33 23-0167 EA Blank End Fitting (Wiremold #2010B).....	6.30	2.48
26 05 33 23-0168 EA Flat 90 Degree Elbow (Wiremold #2011).....	21.32	6.45
26 05 33 23-0169 EA Tee (Wiremold #2015).....	40.50	9.33
26 05 33 23-0170 EA Internal Corner Coupling (Wiremold #2017TC).....	13.22	4.96
26 05 33 23-0171 EA Single Gang Device Box (Wiremold #2048)	32.78	8.83
26 05 33 23-0172 EA 2-Gang device Box (Wiremold #2048-2).....	54.05	9.83
26 05 33 23-0173 EA Flush Plate Adapter (Wiremold #2051H)	35.39	9.83
26 05 33 23-0174 EA Side Reducing Connector (Wiremold #2089)	31.00	4.96
26 05 33 23-0175 EA #2089E End Reducing Connector	12.53	2.48
26 05 33 23-0176 1-7/8" x 7/8" Two Piece Surface Metal Raceways (Wiremold #2400) <small>(26 05 33 23-0157)</small>		
<i>Note: Available in gray enamel (G) or ivory (V).</i>		
26 05 33 23-0177 LF 1-7/8" x 7/8" Two Piece Surface Metal Raceway Base (Wiremold #2400B).....	6.95	2.48
<i>For Concrete Or Masonry Surface, Add</i>		
	0.25	
26 05 33 23-0178 LF 1-7/8" x 7/8" Divided Two Piece Surface Metal Raceway Base (Wiremold #2400BD)	7.75	2.48
<i>For Concrete Or Masonry Surface, Add</i>		
	0.25	
26 05 33 23-0179 LF Raceway Cover (Wiremold #2400C)	3.02	0.49
26 05 33 23-0180 EA Wire Clip (Wiremold #2400WC).....	3.85	1.99
26 05 33 23-0181 EA Coupling (Wiremold #2401)	9.93	2.48
26 05 33 23-0182 EA Divided Raceway Coupling (Wiremold #2401D).....	8.78	2.48
26 05 33 23-0183 EA Cover Clip (Wiremold #2406).....	4.80	1.48

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0184	EA		Device Bracket Frame (Wiremold #2407-2CM).....	37.58	7.44
26 05 33 23-0185	EA		Device Bracket Frame (Wiremold #2407-2TJ).....	35.84	7.44
26 05 33 23-0186	EA		Ground Clamp (Wiremold #2409).....	10.07	1.99
26 05 33 23-0187	EA		End Fitting (Wiremold #2410A).....	23.38	7.44
26 05 33 23-0188	EA		Blank End (Wiremold #2410B).....	6.33	2.48
26 05 33 23-0189	EA		Divided Blank End Fitting (Wiremold #2410BD).....	6.43	2.48
26 05 33 23-0190	EA		Entrance End Fitting (Wiremold #2410C).....	37.42	7.44
26 05 33 23-0191	EA		Divided Entrance End Fitting (Wiremold #2410D).....	35.74	7.44
26 05 33 23-0192	EA		Divided Entrance End Fitting (Wiremold #2410DFO).....	60.90	7.44
26 05 33 23-0193	EA		Full Cap Entrance End Fitting (Wiremold #2410FC).....	45.81	7.44
26 05 33 23-0194	EA		Divided Flat 90 Degree Elbow (Wiremold #2411D).....	26.64	7.44
26 05 33 23-0195	EA		Radiused Divided Flat 90 Degree Elbow (Wiremold #2411DFO).....	44.86	7.44
26 05 33 23-0196	EA		Radiused Flat 90 Degree Elbow (Wiremold #2411FO).....	39.82	7.34
26 05 33 23-0197	EA		Flat 90 Degree Elbow (Wiremold #2411M).....	25.22	7.44
26 05 33 23-0198	EA		Radiused Divided Tee (Wiremold #2415DFO).....	48.42	7.34
26 05 33 23-0199	EA		Radiused Tee (Wiremold #2415FO).....	45.87	7.34
26 05 33 23-0200	EA		Tee (Wiremold #2415M).....	30.60	7.34
26 05 33 23-0201	EA		Divided Internal Coupling (Wiremold #2417D).....	24.93	7.34
26 05 33 23-0202	EA		Radiused Divided Internal Coupling (Wiremold #2417DFO).....	41.24	7.34
26 05 33 23-0203	EA		Radiused Internal Coupling (Wiremold #2417FO).....	39.90	7.34
26 05 33 23-0204	EA		Internal Coupling (Wiremold #2417M).....	24.04	7.34
26 05 33 23-0205	EA		Radiused Divided External Coupling (Wiremold #2418DFO).....	45.15	7.34
26 05 33 23-0206	EA		Radiused External Coupling (Wiremold #2418FO).....	44.35	7.34
26 05 33 23-0207	EA		External Coupling (Wiremold #2418M).....	30.02	7.34
26 05 33 23-0208	EA		1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444).....	41.21	6.45
26 05 33 23-0209	EA		2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444-2).....	46.10	6.45
26 05 33 23-0210	EA		Over Raceway, Extra Deep Switch And Receptacle Box, 2 Gang (Wiremold #2444-2LS).....	46.35	6.45
26 05 33 23-0211	EA		Divided, 1 Gang, Extra Deep Switch And Receptacle (Wiremold #2444D).....	44.29	6.45
26 05 33 23-0212	EA		Divided, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2A).....	63.84	6.45
26 05 33 23-0213	EA		Divided, Over Raceway, 2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #2444D-2N).....	55.80	6.45
26 05 33 23-0214	EA		4-5/8" x 2-7/8" x 1-3/4", 1 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448).....	27.88	6.45
26 05 33 23-0215	EA		4-3/4" x 4-3/4" x 1-3/4", 2 Gang, Switch And Receptacle Box For Shallow Devices (Wiremold #2448-2).....	45.01	6.45
26 05 33 23-0216	EA		Device Bracket Type Adapter Plate (Wiremold #2450).....	13.58	2.48
26 05 33 23-0217	EA		4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #2451H).....	31.40	7.44
26 05 33 23-0218	EA		Bridge Fitting For 2400/700/500 (Wiremold #2475D).....	100.95	7.44
26 05 33 23-0219	EA		Side Reducing Connector (Wiremold #2489).....	28.46	3.97
26 05 33 23-0220			2-3/4" x 1-17/32" Two Piece Surface Metal Raceways (Wiremold #3000) <small>(26 05 33 23-0157)</small>		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0221	LF		2-3/4" x 1-17/32" Two Piece Surface Metal Raceway Base (Wiremold #3000B).....	13.28	4.46
			<i>For Concrete Or Masonry Surface, Add</i>	0.45	
26 05 33 23-0222	LF		Raceway Cover (Wiremold #3000CE).....	3.25	0.49
26 05 33 23-0223	EA		Wire Clips For Conductors (Wiremold #3000WC).....	5.11	1.99
26 05 33 23-0224	EA		Couplings (Wiremold #3001).....	13.11	1.99
26 05 33 23-0225	EA		Rigid Inside Coupling (Wiremold #3001A).....	13.31	2.48
26 05 33 23-0226	EA		Supporting Clip (Wiremold #3003).....	9.70	2.48
26 05 33 23-0227	EA		Clip Cover (Wiremold #3006E).....	5.47	1.99
26 05 33 23-0228	EA		Device Brackets (Wiremold #3007C).....	14.37	3.97
26 05 33 23-0229	EA		C-Hanger (Wiremold #3008C).....	14.46	2.98
26 05 33 23-0230	EA		Entrance End Fitting For Connecting To 1/2" Conduit Or Armored Connectors (Wiremold #3010AE).....	33.25	9.43
26 05 33 23-0231	EA		Blank End Fittings (Wiremold #3010B).....	12.08	3.97
26 05 33 23-0232	EA		Entrance End Fitting For Connecting To Rigid Or Flexible Conduit (Wiremold #3010C).....	37.00	9.43
26 05 33 23-0233	EA		Flat 90 Degree Elbow (Wiremold #3011E).....	55.93	12.30
26 05 33 23-0234	EA		Wall Box Connector (Wiremold #3014C).....	39.29	12.41
26 05 33 23-0235	EA		Tee Fitting (Wiremold #3015E).....	77.14	15.38
26 05 33 23-0236	EA		Internal Corner Coupling (Wiremold #3017TCE).....	36.11	9.43
26 05 33 23-0237	EA		External Corner (Wiremold #3018AE).....	44.93	9.43
26 05 33 23-0238	EA		Single Receptacle Cover With Face Diameters Of 1.38" To 1.4" (Wiremold #3027AE).....	31.61	9.43
26 05 33 23-0239	EA		Utility Box (Wiremold #3028).....	54.68	9.43
26 05 33 23-0240	EA		Single Receptacle Cover With Face Diameters Of 1.56" To 1.57" (Wiremold #3033JE).....	17.75	2.48
26 05 33 23-0241	EA		Blank Cover (Wiremold #3036HE).....	19.46	2.48
26 05 33 23-0242	EA		Switch Cover (Wiremold #3040CE).....	17.70	2.48
26 05 33 23-0243	EA		Duplex Receptacle Cover (Wiremold #3043BE).....	20.79	2.98
26 05 33 23-0244	EA		15 Amperes, 125 Volt Duplex Grounding Receptacle And Cover (Wiremold #3043GE).....	52.99	12.90
26 05 33 23-0245	EA		2 Gang, Extra Deep Switch And Receptacle Box (Wiremold #3044-2).....	61.77	9.43
26 05 33 23-0246	EA		Duplex Receptacle Cover (Wiremold #3046BE).....	17.75	2.98
26 05 33 23-0247	EA		Tap Off Fitting (Wiremold #3046H-2).....	20.56	2.48
26 05 33 23-0248	EA		1-15/16" Deep x 6" Long, Circuit Breaker Housing (Wiremold #3046KD).....	82.51	5.96
26 05 33 23-0249	EA		2-3/4" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046KTSQ).....	204.59	5.96
26 05 33 23-0250	EA		1-13/16" Deep x 7-3/8" Long, Circuit Breaker Housing (Wiremold #3046QOU).....	71.56	5.96
26 05 33 23-0251	EA		1-13/16" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046S).....	77.62	5.96
26 05 33 23-0252	EA		1-13/32" Deep x 7-15/16" Long x 2-13/16" Wide, Bump Up Device Plate Cover (Wiremold #3046U).....	77.62	5.96
26 05 33 23-0253	EA		Rectangular Receptacle Cover (Wiremold #3048R).....	24.28	2.98
26 05 33 23-0254			4-3/4" x 1-3/4" Two Piece Surface Metal Raceways (Wiremold #4000) <small>(26 05 33 23-0157)</small>		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0255	LF		4-3/4" x 1-3/4" Two Piece Surface Metal Raceway Base (Wiremold #4000B-10).....	16.52	4.46
			<i>For Concrete Or Masonry Surface, Add</i>	0.48	
26 05 33 23-0256	LF		Raceway Cover (Wiremold #4000C).....	5.98	0.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0257	LF		Divider (Wiremold #4000D)	2.84	0.49
26 05 33 23-0258	EA		Wire Clips For Conductors (Wiremold #4000WC)	6.41	2.48
26 05 33 23-0259	EA		Couplings (Wiremold #4001A)	16.54	2.98
26 05 33 23-0260	EA		Divider Clip (Wiremold #4001D)	7.60	2.98
26 05 33 23-0261	EA		Seam Clip (Wiremold #4006).....	7.74	2.98
26 05 33 23-0262	EA		Single Device Fitting (Wiremold #4007C-1R)	33.96	6.45
26 05 33 23-0263	EA		Blank End Fittings (Wiremold #4010B).....	17.75	3.97
26 05 33 23-0264	EA		Entrance End Fitting (Wiremold #4010DFO)	68.14	15.28
26 05 33 23-0265	EA		Flat 90 Degree Elbow (Wiremold #4011).....	63.78	12.41
26 05 33 23-0266	EA		Radiused Flat 90 Degree Elbow (Wiremold #4011FO).....	75.87	12.41
26 05 33 23-0267	EA		Internal Or External 45 Degree Elbow (Wiremold #4012TX)	69.01	15.38
26 05 33 23-0268	EA		Wall Box Connector (Wiremold #4014A)	93.19	15.38
26 05 33 23-0269	EA		Tee Fitting (Wiremold #4015)	103.80	15.38
26 05 33 23-0270	EA		Divided Tee Fitting (Wiremold #4015D)	108.06	15.38
26 05 33 23-0271	EA		Radiused Full Capacity Divided Tee Fitting (Wiremold #4015DFO)	129.75	15.38
26 05 33 23-0272	EA		Radiused Tee Fitting (Wiremold #4015FO)	130.17	15.38
26 05 33 23-0273	EA		Internal Elbow (Wiremold #4017).....	55.40	15.38
26 05 33 23-0274	EA		Internal Elbow (Wiremold #4017FO).....	101.92	15.38
26 05 33 23-0275	EA		Inverted Internal Elbow (Wiremold #4017N).....	61.79	15.38
26 05 33 23-0276	EA		Internal Corner Coupling (Wiremold #4017TCA)	52.02	15.38
26 05 33 23-0277	EA		External Elbow (Wiremold #4018)	84.46	15.38
26 05 33 23-0278	EA		Radiused External Elbow (Wiremold #4018FO)	98.60	15.38
26 05 33 23-0279	EA		Single Locking Receptacle And Two RJ11/45 Modulalar Connectors Outlet Cover (Wiremold #4046ARJ).....	84.97	6.45
26 05 33 23-0280	EA		Double Duplex Receptacle Outlet Cover (Wiremold #4046B-2)	90.20	6.45
26 05 33 23-0281	EA		Duplex Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046DRJ)	90.20	6.45
26 05 33 23-0282	EA		Double Duplex Receptacle And Four RJ11/45 Modular Connector Cover (Wiremold #4046DRJ-2).....	121.12	6.45
26 05 33 23-0283	EA		Tap-Off Fitting (Wiremold #4046H-2).....	24.19	6.45
26 05 33 23-0284	EA		Combination Single Receptacle And Phone Outlet Center (Wiremold #4046JRJ)	78.03	2.98
26 05 33 23-0285	EA		Rectangular Receptacle And Two RJ11/45 Modular Connector Cover (Wiremold #4046RRJ).....	92.36	6.45
26 05 33 23-0286	EA		1 Gang Device Plate (Wiremold #G4047C-1).....	24.35	6.45
26 05 33 23-0287	EA		2 Gang Device Plate (Wiremold #G4047C-2).....	28.62	6.45
26 05 33 23-0288	EA		Device Mounting Bracket (Wiremold #4050)	27.79	4.96
26 05 33 23-0289	EA		#4000 To #3000 Take-off Connector (Wiremold #4074A)	131.81	15.38
26 05 33 23-0290	EA		Bridge Fitting (Wiremold #4075D).....	118.41	15.38
26 05 33 23-0291	EA		Bridge Fitting (Wiremold #4075DA)	118.41	15.38
26 05 33 23-0292	EA		Panel Connector (Wiremold #4086A)	91.15	29.27
26 05 33 23-0293	EA		Reducing Connector Fitting (Wiremold #4089).....	56.74	15.38
26 05 33 23-0294			4-3/4" x 3-9/16" Two Piece Surface Metal Raceways (Wiremold #6000) (26 05 33 23-0157)		
			Note: Available in gray enamel (G) or ivory (V).		
26 05 33 23-0295	LF		4-3/4" x 3-9/16" Two Piece Surface Metal Raceway Base (Wiremold #6000B-10).....	23.85	5.46
			<i>For Concrete Or Masonry Surface, Add</i>	0.55	
26 05 33 23-0296	LF		Raceway Cover (Wiremold #6000C)	6.90	1.48
26 05 33 23-0297	LF		Divider (Wiremold #6000DA).....	7.31	1.48
26 05 33 23-0298	EA		Wire Clips For Conductors (Wiremold #6000WC)	7.27	2.48
26 05 33 23-0299	EA		Couplings (Wiremold #6001A)	19.76	4.96
26 05 33 23-0300	EA		Divider Clip (Wiremold #6001D)	9.19	2.48
26 05 33 23-0301	EA		Converter Coupling (Wiremold #6001TX).....	25.50	6.45
26 05 33 23-0302	EA		Connection Cover (Wiremold #6006).....	24.16	6.45
26 05 33 23-0303	EA		Single Gang Device Plate (Wiremold #6007C-1).....	25.38	6.45
26 05 33 23-0304	EA		Two Gang Device Plate (Wiremold #6007C-2).....	27.86	6.45
26 05 33 23-0305	EA		C-Hanger (Wiremold #6008A)	40.50	9.43
26 05 33 23-0306	EA		Blank End Fittings (Wiremold #6010B).....	43.01	14.88
26 05 33 23-0307	EA		Combination Flat Elbow (Wiremold #6011TX).....	82.56	14.88
26 05 33 23-0308	EA		Internal-External 45 Degree Elbow (Wiremold #6012TX).....	84.08	14.29
26 05 33 23-0309	EA		Connector Fitting (Wiremold #6014A).....	120.69	15.38
26 05 33 23-0310	EA		Combination Internal-External Elbow (Wiremold #6017TX).....	85.33	16.87
26 05 33 23-0311	EA		Circuit Breaker Housing (Wiremold #6046KD).....	150.42	16.87
26 05 33 23-0312	EA		#6000 To #6000 Take-off Connector (Wiremold #6074).....	145.35	14.88
26 05 33 23-0313	EA		#6000 To #4000 Take-off Connector (Wiremold #6074A)	157.43	14.88
26 05 33 23-0314	EA		Panel Connector (Wiremold #6086).....	91.83	34.54
26 05 33 23-0315			Two Piece Surface Aluminum Raceways (26 05 33 23-0056)		
			Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 05 33 23-0316			1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceways (Wiremold #AL2000) (26 05 33 23-0315)		
26 05 33 23-0317	LF		1-7/16" x 1-1/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2000B).....	10.80	2.48
			<i>For Concrete Or Masonry Surface, Add</i>	0.25	
26 05 33 23-0318	LF		Aluminum Raceway Cover (Wiremold #AL2000C).....	5.62	0.49
26 05 33 23-0319	EA		Wire Clip (Wiremold #AL2000WC)	5.15	1.99
26 05 33 23-0320	EA		Coupling (Wiremold #AL2001).....	10.99	2.48
26 05 33 23-0321	EA		Supporting Clip (Wiremold #AL2003)	5.60	1.48
26 05 33 23-0322	EA		Cover Clip (Wiremold #AL2006)	7.24	1.48
26 05 33 23-0323	EA		Ground Clamp (Wiremold #AL2009).....	10.24	2.48
26 05 33 23-0324	EA		Entrance End Fitting (Wiremold #AL2010A)	28.46	7.44
26 05 33 23-0325	EA		Blank End Fitting (Wiremold #AL2010B)	9.18	2.48
26 05 33 23-0326	EA		Flat 90 Degree Elbow (Wiremold #AL2011).....	33.68	6.45
26 05 33 23-0327	EA		Tee (Wiremold #AL2015).....	45.47	9.33

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0328	EA		Internal Corner Elbow (Wiremold #AL2017)	30.77	4.96
26 05 33 23-0329	EA		External Corner Elbow (Wiremold #AL2018)	30.70	4.96
26 05 33 23-0330	EA		2 To 15 Amperes, In-Line Receptacle (Wiremold #AL2043)	49.65	9.83
26 05 33 23-0331	EA		4-13/16" Round Fixture Box (Wiremold #AL2038)	119.42	8.83
26 05 33 23-0332	EA		4-1/2" x 3" x 2-1/4" D Box (Wiremold #AL2044)	51.54	8.83
26 05 33 23-0333	EA		4-5/8" x 4-7/8" x 2-1/2" D Box (Wiremold #AL2044-2)	109.44	9.83
26 05 33 23-0334	EA		Single Gang Shallow Device Box (Wiremold #AL2047)	53.47	8.83
26 05 33 23-0335	EA		2-Gang Shallow Device Box (Wiremold #AL2047-2)	96.39	9.83
26 05 33 23-0336	EA		Flush Plate Adapter (Wiremold #AL2051H)	39.52	9.83
26 05 33 23-0337			2" x 1-9/32" Two Piece Surface Aluminum Raceways (Wiremold #AL2400)		
			<small>(26 05 33 23-0315)</small>		
26 05 33 23-0338	LF		2" x 1-9/32" Two Piece Surface Aluminum Raceway Base (Wiremold #AL2400B)	12.72	2.48
			<i>For Concrete Or Masonry Surface, Add</i>	0.25	
26 05 33 23-0339	LF		Aluminum Raceway Cover (Wiremold #AL2400C)	6.14	0.49
26 05 33 23-0340	EA		Wire Clip (Wiremold #AL2400WC)	7.52	1.99
26 05 33 23-0341	EA		Coupling (Wiremold #AL2401)	13.24	2.48
26 05 33 23-0342	EA		Cover Clip (Wiremold #AL2406)	10.00	1.48
26 05 33 23-0343	EA		Ground Clamp (Wiremold #AL2409)	8.71	1.99
26 05 33 23-0344	EA		Blank End (Wiremold #AL2410B)	10.63	2.48
26 05 33 23-0345	EA		End Fitting (Wiremold #AL2410B2)	21.76	7.44
26 05 33 23-0346	EA		Flat 90 Degree Elbow (Wiremold #AL2411)	42.65	7.44
26 05 33 23-0347	EA		Tee (Wiremold #AL2415)	46.87	7.34
26 05 33 23-0348	EA		Fourway Fitting (Wiremold #AL2416)	55.69	7.34
26 05 33 23-0349	EA		Internal Coupling (Wiremold #AL2417)	42.52	7.34
26 05 33 23-0350	EA		External Coupling (Wiremold #AL2418)	46.06	7.34
26 05 33 23-0351	EA		4-1/2" x 4-1/2" Back Feed Fitting (Wiremold #AL2451H)	37.68	7.44
26 05 33 23-0352			2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceways (Wiremold #AL3300)		
			<small>(26 05 33 23-0315)</small>		
26 05 33 23-0353	LF		2-7/8" x 1-7/8" Two Piece Surface Aluminum Raceway Base (Wiremold #AL3300B)	20.09	4.46
			<i>For Concrete Or Masonry Surface, Add</i>	0.45	
26 05 33 23-0354	LF		Aluminum Raceway Cover (Wiremold #AL3300CE)	6.06	0.49
26 05 33 23-0355	LF		Raceway Divider (Wiremold #AL3300D)	4.98	4.46
26 05 33 23-0356	EA		Wire Clips For Conductors (Wiremold #AL3300WC)	9.65	1.99
26 05 33 23-0357	EA		Couplings (Wiremold #AL3301)	17.25	1.99
26 05 33 23-0358	EA		Divider Coupling (Wiremold #AL3301D)	14.56	2.48
26 05 33 23-0359	EA		Ground Clamp (Wiremold #AL3309)	9.73	1.99
26 05 33 23-0360	EA		Blank End Fittings (Wiremold #AL3310B)	20.28	3.97
26 05 33 23-0361	EA		End Fitting (Wiremold #AL3310B1)	32.44	9.43
26 05 33 23-0362	EA		Flat 90 Degree Elbow (Wiremold #AL3311)	101.44	12.30
			Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0363	EA		Tee Fitting (Wiremold #AL3315)	116.15	15.38
			Note: Includes three (3) AL3301 couplings.		
26 05 33 23-0364	EA		Cross Fitting (Wiremold #AL3316)	131.70	15.38
			Note: Includes four (4) AL3301 couplings.		
26 05 33 23-0365	EA		Internal Elbow (Wiremold #AL3317)	95.40	9.43
			Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0366	EA		External Elbow (Wiremold #AL3318)	95.50	9.43
			Note: Includes two (2) AL3301 couplings.		
26 05 33 23-0367	EA		Duplex Receptacle Cover (Wiremold #AL3346D)	21.03	2.98
26 05 33 23-0368	EA		Single Receptacle Cover (Wiremold #AL3346E)	20.89	2.98
26 05 33 23-0369	EA		GFCI/Surge Receptacle Cover (Wiremold #AL3346G)	20.66	2.98
26 05 33 23-0370	EA		Single Device Cover Plate (Wiremold #AL3356R)	20.76	2.48
26 05 33 23-0371			5" x 2" Two Piece Surface Aluminum Raceways (Wiremold #AL5200)		
			<small>(26 05 33 23-0315)</small>		
26 05 33 23-0372	LF		5" x 2" Two Piece Surface Aluminum Raceway Base (Wiremold #AL5200B-10)	22.65	4.46
			<i>For Concrete Or Masonry Surface, Add</i>	0.48	
26 05 33 23-0373	LF		Aluminum Raceway Cover (Wiremold #AL5200C)	9.17	0.49
26 05 33 23-0374	LF		Divider (Wiremold #AL5200D)	5.39	0.49
26 05 33 23-0375	EA		Wire Clips For Conductors (Wiremold #AL5200WC)	7.48	2.48
26 05 33 23-0376	EA		Wire Clips For Conductors (Wiremold #AL5200WC2)	6.32	2.48
26 05 33 23-0377	EA		Wire Clips For Conductors (Wiremold #AL5200WC3)	6.28	2.48
26 05 33 23-0378	EA		Couplings (Wiremold #AL5201)	14.88	2.98
26 05 33 23-0379	EA		Cover Clip (Wiremold #AL5206)	13.02	2.98
26 05 33 23-0380	EA		Ground Adapter (Wiremold #AL5209)	16.34	2.98
26 05 33 23-0381	EA		Blank End Fittings (Wiremold #AL5210B)	17.12	3.97
26 05 33 23-0382	EA		Blank End Fittings (Wiremold #AL5210B1)	18.33	3.97
26 05 33 23-0383	EA		Blank End Fittings (Wiremold #AL5210B2)	18.59	3.97
26 05 33 23-0384	EA		Blank End Fittings (Wiremold #AL5210B3)	18.05	3.97
26 05 33 23-0385	EA		Flat 90 Degree Elbow (Wiremold #AL5211)	92.91	12.41
			Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0386	EA		Wall Box Connector (Wiremold #AL5214)	73.99	15.38
26 05 33 23-0387	EA		Tee Fitting (Wiremold #AL5215)	108.86	15.38
			Note: Includes three (3) pairs of AL5201 couplings.		
26 05 33 23-0388	EA		Four Way Fitting (Wiremold #AL5216)	119.18	15.38
			Note: Includes four (4) pairs of AL5201 couplings.		
26 05 33 23-0389	EA		Internal Elbow (Wiremold #AL5217)	96.85	15.38
			Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0390	EA		Internal Corner Coupling (Wiremold #AL5217A)	42.51	15.38

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0391 EA Inverted Internal Elbow (Wiremold #AL5217N).....	99.47	15.38
26 05 33 23-0392 EA External Elbow (Wiremold #AL5218).....	97.66	15.38
Note: Includes two (2) pairs of AL5201 couplings.		
26 05 33 23-0393 EA Blank Device Cover Plate (Wiremold #AL5246B).....	20.89	2.98
26 05 33 23-0394 EA Receptacle Device Cover Plate (Wiremold #AL5246D).....	24.67	2.98
26 05 33 23-0395 EA Double Receptacle Device Cover Plate (Wiremold #AL5246DD).....	29.19	2.98
26 05 33 23-0396 EA Device Cover Plate (Wiremold #AL5246F).....	27.40	2.98
26 05 33 23-0397 EA Device Cover Plate (Wiremold #AL5246G).....	25.34	2.98
26 05 33 23-0398 EA Offset Divider (Wiremold #AL5260).....	24.10	6.45
26 05 33 23-0399 3" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA3800)		
<small>(26 05 33 23-0315)</small>		
26 05 33 23-0400 LF Single Channel, 3" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA3800B-10).....	20.25	4.46
26 05 33 23-0401 EA Cover Clip (Wiremold #ALA3806).....	9.79	2.98
26 05 33 23-0402 EA Blank End Fittings (Wiremold #ALA3810B).....	16.97	3.97
26 05 33 23-0403 EA Entrance End Cap Fittings (Wiremold #ALA3810B1).....	18.19	3.97
26 05 33 23-0404 EA Flat 90 Degree Elbow (Wiremold #ALA3811).....	91.96	12.41
Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0405 EA Flat Tee Fitting (Wiremold #ALA3815).....	95.28	15.38
Note: Includes three (3) ALA01 couplings.		
26 05 33 23-0406 EA Internal Elbow (Wiremold #ALA3817).....	92.96	15.38
Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0407 EA Inverted Internal Elbow (Wiremold #ALA3817N).....	109.00	15.38
Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0408 EA External Elbow (Wiremold #ALA3818).....	94.15	15.38
Note: Includes two (2) ALA01 couplings.		
26 05 33 23-0409 6" x 2-1/4" Two Piece Surface Aluminum Raceways (Wiremold #ALA4800)		
<small>(26 05 33 23-0315)</small>		
26 05 33 23-0410 LF Two Channel, 6" x 2-1/4" Two Piece Surface Aluminum Raceway Base (Wiremold #ALA4800B-10).....	29.69	4.46
26 05 33 23-0411 EA Cover Clip (Wiremold #ALA4806).....	13.09	2.98
26 05 33 23-0412 EA Blank End Fittings (Wiremold #ALA4810B).....	17.16	3.97
26 05 33 23-0413 EA Entrance End Cap Fittings (Wiremold #ALA4810B2).....	18.98	3.97
26 05 33 23-0414 EA Flat 90 Degree Elbow (Wiremold #ALA4811).....	108.11	12.41
Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0415 EA Flat Tee Fitting (Wiremold #ALA4815).....	147.54	15.38
Note: Includes six (6) ALA01 couplings.		
26 05 33 23-0416 EA Internal Elbow (Wiremold #ALA4817).....	100.97	15.38
Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0417 EA Inverted Internal Elbow (Wiremold #ALA4817N).....	118.13	15.38
Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0418 EA External Elbow (Wiremold #ALA4818).....	105.80	15.38
Note: Includes four (4) ALA01 couplings.		
26 05 33 23-0419 Two Piece Surface Aluminum Raceways Fittings (Wiremold #ALA3800 And #ALA4800)		
<small>(26 05 33 23-0315)</small>		
See CSI section 26 27 26 00-0010 for receptacles.		
26 05 33 23-0420 LF 3" Wide Aluminum Raceway Cover (Wiremold #ALAC-5).....	6.39	0.49
Note: For use with ALA3800 single channel raceway and ALA4800 dual channel raceway.		
26 05 33 23-0421 EA Wire Clips (Wiremold #ALAWC).....	5.92	2.48
26 05 33 23-0422 EA Slide Couplings (Wiremold #ALA01).....	15.04	2.98
26 05 33 23-0423 EA Grounding Adapter (Wiremold #ALA09).....	13.02	2.98
26 05 33 23-0424 EA Bend Radius Control Insert For Flat Elbow (Wiremold #ALA11RI).....	35.48	12.41
26 05 33 23-0425 EA Internal Corner Coupling (Wiremold #ALA17A).....	42.48	15.38
26 05 33 23-0426 EA Bend Radius Control Insert For Internal And External Elbow (Wiremold #ALA17/18RI).....	39.10	12.41
26 05 33 23-0427 EA Blank Cover Plate (Wiremold #ALA-BL).....	15.72	2.98
26 05 33 23-0428 EA Duplex Receptacle Cover Plate (Wiremold #ALA-DR).....	16.71	2.98
26 05 33 23-0429 EA Single Receptacle Cover Plate, 1.40" Diameter Opening (Wiremold #ALA-E).....	17.36	2.98
26 05 33 23-0430 EA Single Receptacle Cover Plate, 1.59" Diameter Opening (Wiremold #ALA-F).....	24.07	2.98
26 05 33 23-0431 EA GFCI/Surge/Decorator Cover Plate (Wiremold #ALA-G).....	16.84	2.98
26 05 33 23-0432 EA Single Receptacle Cover Plate, 2.13" Diameter Opening (Wiremold #ALA-J).....	17.38	2.98
26 05 33 23-0433 EA Toggle Switch Cover Plate (Wiremold #ALA-N).....	17.80	2.98
26 05 33 23-0434 EA Active LPB Cover Plate (Wiremold #ALA-LPB).....	22.61	2.98
26 05 33 23-0435 EA Active MAB Cover Plate (Wiremold #ALA-MAB).....	21.30	2.98
26 05 33 23-0436 EA Ortronics Cover Plate (Wiremold #ALA-MABRT).....	24.43	2.98
26 05 33 23-0437 EA 1-3/4" x 2-3/4" Cover Plate (Wiremold #ALA-SG).....	22.91	2.98
26 05 33 23-0438 EA Active 2A Cover Plate (Wiremold #ALA-2A).....	23.63	2.98
26 05 33 23-0439 EA Ortronics Communications Cover Plate (Wiremold #ALA-ABRT).....	21.69	2.98
26 05 33 23-0440 EA 3/4" Grommet/Mousehole Cover Plate (Wiremold #ALA-Z).....	17.76	2.98
26 05 33 23-0441 EA Ortronics Low Profile Cover Plate (Wiremold #ALA-LPB3S2).....	21.87	2.98
26 05 33 23-0442 Surface Non-Metallic Raceways		
<small>(26 05 33 23-0001)</small>		
Note: Exposed on flat wall surface.		
26 05 33 23-0443 One Piece Surface Non-Metallic Raceways		
<small>(26 05 33 23-0442)</small>		
Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0444 7/8" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #400)		
<small>(26 05 33 23-0443)</small>		
26 05 33 23-0445 LF 7/8" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #400BAC).....	6.59	1.99
<small>For Concrete Or Masonry Surface, Add 0.20</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 05 33 23-0446	EA	Wire Clip (Wiremold #400WC).....	4.52		1.99
26 05 33 23-0447	EA	Cover Clip (Wiremold #406).....	4.88		1.99
26 05 33 23-0448	EA	Blank End Clip (Wiremold #410B).....	9.23		3.97
26 05 33 23-0449	EA	Flat 90 Degree Elbow (Wiremold #411).....	11.42		3.97
26 05 33 23-0450	EA	Tee (Wiremold #415).....	14.40		4.96
26 05 33 23-0451	EA	Internal Elbow (Wiremold #417).....	11.14		3.97
26 05 33 23-0452	EA	External Elbow (Wiremold #418).....	11.14		3.97
26 05 33 23-0453		1-5/16" x 7/16" One Piece Surface Non-Metallic Raceways (Wiremold #800) (26 05 33 23-0443)			
26 05 33 23-0454	LF	1-5/16" x 7/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #800BAC).....	6.96		1.99
		<i>For Concrete Or Masonry Surface, Add</i>	0.20		
26 05 33 23-0455	EA	Wire Clip (Wiremold #800WC).....	4.47		1.99
26 05 33 23-0456	EA	Cover Clip (Wiremold #806).....	4.58		1.99
26 05 33 23-0457	EA	Entrance End Fitting (Wiremold #810A2).....	14.59		3.97
26 05 33 23-0458	EA	Blank End Fitting (Wiremold #810B).....	9.02		3.97
26 05 33 23-0459	EA	Flat 90 Degree Elbow (Wiremold #811).....	10.63		3.97
26 05 33 23-0460	EA	Tee (Wiremold #815).....	13.36		4.96
26 05 33 23-0461	EA	Internal Elbow (Wiremold #817).....	10.39		3.97
26 05 33 23-0462	EA	External Elbow (Wiremold #818).....	10.39		3.97
26 05 33 23-0463	EA	End Reducer, #800 To #400 (Wiremold #889A).....	11.91		3.97
26 05 33 23-0464		2-1/4" x 11/16" One Piece Surface Non-Metallic Raceways (Wiremold #2300) (26 05 33 23-0443)			
26 05 33 23-0465	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2300BAC).....	8.15		1.99
		<i>For Concrete Or Masonry Surface, Add</i>	0.20		
26 05 33 23-0466	LF	2-1/4" x 11/16" One Piece Surface Non-Metallic Divided Raceway Base And Cover (Wiremold #2300BACD).....	8.72		1.99
		<i>For Concrete Or Masonry Surface, Add</i>	0.20		
26 05 33 23-0467	EA	Wire Clip (Wiremold #2300WC).....	4.72		1.99
26 05 33 23-0468	EA	Cover Clip (Wiremold #2306).....	5.01		1.99
26 05 33 23-0469	EA	Entrance End Fitting (Wiremold #2310A).....	16.01		3.97
26 05 33 23-0470	EA	Blank End Fitting (Wiremold #2310B).....	9.58		3.97
26 05 33 23-0471	EA	Divided Entrance End Fitting (Wiremold #2310DFO).....	18.20		3.97
26 05 33 23-0472	EA	Flat 90 Degree Elbow (Wiremold #2311).....	10.87		3.97
26 05 33 23-0473	EA	Divided Flat 90 Degree Elbow (Wiremold #2311DFO).....	11.80		3.97
26 05 33 23-0474	EA	Tee (Wiremold #2315).....	13.51		4.96
26 05 33 23-0475	EA	Internal Elbow (Wiremold #2317).....	10.87		3.97
26 05 33 23-0476	EA	Divided Internal Elbow (Wiremold #2317DFO).....	11.81		3.97
26 05 33 23-0477	EA	External Elbow (Wiremold #2318).....	10.90		3.97
26 05 33 23-0478	EA	Divided External Elbow (Wiremold #2318DFO).....	11.98		3.97
26 05 33 23-0479	EA	End Reducer, #2300 To #400 (Wiremold #2389).....	11.99		3.97
26 05 33 23-0480	EA	End Reducer, #2300 To #800 (Wiremold #2389A).....	12.59		3.97
26 05 33 23-0481		One Piece Surface Non-Metallic Raceway Fittings (Wiremold #400, #800 Or #2300) (26 05 33 23-0443)			
26 05 33 23-0482	EA	Blank Cover, 4-1/2" Diameter (Wiremold #2336).....	13.72		3.47
26 05 33 23-0483	EA	Extension Box, 5-1/2" Diameter (Wiremold #2337A).....	23.18		3.97
26 05 33 23-0484	EA	-A Fixture Box, 5-1/2" Diameter (Wiremold #233).....	23.32		3.97
26 05 33 23-0485	EA	Extra Deep Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344).....	20.89		3.97
26 05 33 23-0486	EA	Extra Deep Device Box, 2 Gang, 2-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344-2).....	24.46		3.97
26 05 33 23-0487	EA	Extra Deep Divided Device Box, 1 Gang, 2-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2344D).....	22.91		3.97
26 05 33 23-0488	EA	Deep Divided Device Box, 2 Gang, 2-1/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2344SD-2A).....	25.02		3.97
26 05 33 23-0489	EA	1-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2347).....	19.87		6.45
26 05 33 23-0490	EA	2-Gang Standard Device Box, 1-3/8" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2347-2).....	23.01		6.45
26 05 33 23-0491	EA	1-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348).....	20.79		6.45
26 05 33 23-0492	EA	2-Gang Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 4-7/8" Wide (Wiremold #2348-2).....	25.52		6.45
26 05 33 23-0493	EA	3-Gang Deep Device Box, 1-3/4" Deep x 5" Long x 7" Wide (Wiremold #2348-3).....	31.02		6.45
26 05 33 23-0494	EA	1-Gang Deep Device Box With Magnetic Backing, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348AMP).....	29.27		6.45
26 05 33 23-0495	EA	1-Gang Divided Deep Device Box, 1-3/4" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348D).....	26.27		6.45
26 05 33 23-0496	EA	Shallow Device And Extension Box, 7/8" Deep x 4-3/4" Long x 3" Wide (Wiremold #2348S/51).....	19.40		6.45
26 05 33 23-0497		3/4" x 3/8" One Piece Surface Non-Metallic Raceways (Wiremold #2700) (26 05 33 23-0443)			
26 05 33 23-0498	LF	3/4" x 3/8" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2700).....	5.69		1.99
		<i>For Concrete Or Masonry Surface, Add</i>	0.20		
26 05 33 23-0499	EA	3/4" Wire Clip (Wiremold #2700WC).....	2.36		0.99
26 05 33 23-0500	EA	Cover Clip (Wiremold #2706).....	3.82		0.99
26 05 33 23-0501	EA	Blank End (Wiremold #2710B).....	5.78		1.99
26 05 33 23-0502	EA	Flat 90 Degree Elbow (Wiremold #2711).....	6.82		2.48
26 05 33 23-0503	EA	Tee (Wiremold #2715).....	10.81		4.46
26 05 33 23-0504	EA	Internal Elbow (Wiremold #2717).....	7.82		2.98
26 05 33 23-0505	EA	External Elbow (Wiremold #2718).....	7.80		2.98
26 05 33 23-0506	EA	Drop Ceiling Connector (Wiremold #2786).....	9.24		3.47
26 05 33 23-0507		1" x 1/2" One Piece Surface Non-Metallic Raceways (Wiremold #2800) (26 05 33 23-0443)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0508 LF 1" x 1/2" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2800) <i>For Concrete Or Masonry Surface, Add</i>	7.19 0.25	2.48
26 05 33 23-0509 EA 1" Wire Clip (Wiremold #2800WC)	3.46	1.48
26 05 33 23-0510 EA Cover Clip (Wiremold #2806)	4.78	1.48
26 05 33 23-0511 EA Blank End (Wiremold #2810B)	6.76	2.48
26 05 33 23-0512 EA Flat 90 Degree Elbow (Wiremold #2811)	8.84	3.47
26 05 33 23-0513 EA Radiused Flat 90 Degree Elbow (Wiremold #2811FO)	9.49	3.47
26 05 33 23-0514 EA Tee (Wiremold #2815)	12.81	5.46
26 05 33 23-0515 EA Internal Elbow (Wiremold #2817)	9.80	3.97
26 05 33 23-0516 EA External Elbow (Wiremold #2818)	9.83	3.97
26 05 33 23-0517 EA Radiused Tee (Wiremold #2815FO)	13.68	5.46
26 05 33 23-0518 EA Radiused Internal Elbow (Wiremold #2817FO)	10.59	3.97
26 05 33 23-0519 EA Radiused External Elbow (Wiremold #2818FO)	10.48	3.97
26 05 33 23-0520 EA Drop Ceiling Connector (Wiremold #2886)	11.07	4.46
26 05 33 23-0521 EA Reducer, #2800 To #2700 (Wiremold #2889)	9.98	3.97
26 05 33 23-0522 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceways (Wiremold #2900)		
<small>(26 05 33 23-0443)</small>		
26 05 33 23-0523 LF 1-1/2" x 3/4" One Piece Surface Non-Metallic Raceway Base And Cover (Wiremold #2900) <i>For Concrete Or Masonry Surface, Add</i>	8.74 0.30	2.98
26 05 33 23-0524 EA 1-1/2" Wire Clip (Wiremold #2900WC)	4.56	1.99
26 05 33 23-0525 EA Cover Clip (Wiremold #2906)	5.90	1.99
26 05 33 23-0526 EA Blank End (Wiremold #2910B)	7.89	2.98
26 05 33 23-0527 EA Flat 90 Degree Elbow (Wiremold #2911)	9.88	3.97
26 05 33 23-0528 EA Tee (Wiremold #2915)	13.84	5.96
26 05 33 23-0529 EA Radiused Flat 90 Degree Elbow (Wiremold #2911FO)	10.90	3.97
26 05 33 23-0530 EA Radiused Tee (Wiremold #2915FO)	14.89	5.96
26 05 33 23-0531 EA Internal Elbow (Wiremold #2917)	10.88	4.46
26 05 33 23-0532 EA Radiused Internal Elbow (Wiremold #2917FO)	11.95	4.46
26 05 33 23-0533 EA External Elbow (Wiremold #2918)	10.87	4.46
26 05 33 23-0534 EA Radiused External Elbow (Wiremold #2918FO)	12.24	4.46
26 05 33 23-0535 EA Drop Ceiling Connector (Wiremold #2986)	11.05	4.46
26 05 33 23-0536 EA Reducer, #2900 To #2800 (Wiremold #2989)	12.28	4.96
26 05 33 23-0537 EA Reducer, #2900 To #2700 (Wiremold #2989A)	11.93	4.96
26 05 33 23-0538 Two Piece Surface Non-Metallic Raceways <small>(26 05 33 23-0442)</small>		
Note: Exposed on flat wall surface. (Wiremold or approved equal).		
26 05 33 23-0539 5" x 1" Two Piece Surface Non-Metallic Raceways (Wiremold #500) <small>(26 05 33 23-0538)</small>		
26 05 33 23-0540 LF 5" x 1" Two Piece Surface Non-Metallic Raceway Base (Wiremold #5000B) <i>For Concrete Or Masonry Surface, Add</i>	13.95 0.45	4.46
26 05 33 23-0541 LF Black, Gray Or White, Cover (Wiremold #5000C)	13.18	4.46
26 05 33 23-0542 LF Oak Veneer, Cover (Wiremold #5000COA)	26.20	4.46
26 05 33 23-0543 LF Maple Wood Veneer, Cover (Wiremold #5000CW)	21.05	4.46
26 05 33 23-0544 LF Black, Gray Or White, Quarter Round Trim (Wiremold #5000T)	1.91	0.49
26 05 33 23-0545 LF Oak Veneer, Quarter Round Trim (Wiremold #5000TOA)	8.44	0.49
26 05 33 23-0546 LF Maple Wood Veneer, Quarter Round Trim (Wiremold #5000TW)	5.17	0.49
26 05 33 23-0547 EA Base Coupling (Wiremold #5001)	12.57	4.96
26 05 33 23-0548 EA Blank/Coax Adapter (Wiremold #5004)	7.15	2.48
26 05 33 23-0549 EA Low Voltage Blank Plate (Wiremold #5005)	9.68	2.98
26 05 33 23-0550 EA Cover Clip (Wiremold #5006)	13.66	4.96
26 05 33 23-0551 EA Internal Wire Guard (Wiremold #5006A)	12.67	4.96
26 05 33 23-0552 EA Device Bracket (Wiremold #5007C)	14.71	4.96
26 05 33 23-0553 EA Device Plate (Wiremold #5007C-1)	26.31	9.93
26 05 33 23-0554 EA Deep Device Plate (Wiremold #5007C-2)	27.36	9.93
26 05 33 23-0555 EA Right Or Left End Cap (Wiremold #5010)	22.62	9.43
26 05 33 23-0556 EA Entrance End Feed (Wiremold #5010A)	44.98	15.38
26 05 33 23-0557 EA Internal Base Elbow (Wiremold #5017B)	30.61	12.41
26 05 33 23-0558 EA Internal Cover Elbow (Wiremold #5017C)	28.06	9.93
26 05 33 23-0559 EA Internal Elbow Wire Guard (Wiremold #5017WG)	18.99	7.44
26 05 33 23-0560 EA External Base Elbow (Wiremold #5018B)	30.54	12.41
26 05 33 23-0561 EA External Cover Elbow (Wiremold #5018C)	28.34	9.93
26 05 33 23-0562 EA External Elbow Wire Guard (Wiremold #5018WG)	12.38	4.96
26 05 33 23-0563 5-1/4" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5400) <small>(26 05 33 23-0538)</small>		
26 05 33 23-0564 LF 5-1/4" x 1-11/16", Two Compartment, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5400TB) <i>For Concrete Or Masonry Surface, Add</i>	14.99 0.45	4.46
26 05 33 23-0565 LF Full Width Cover (Wiremold #5400C)	5.43	0.49
26 05 33 23-0566 LF Twin Snap Cover (Wiremold #5400TC)	3.46	0.49
26 05 33 23-0567 EA Twin Snap Cover Wire Clips (Wiremold #5400TWC)	5.61	2.48
26 05 33 23-0568 EA Cover Clip (Wiremold #5406A)	9.72	2.98
26 05 33 23-0569 EA Twin Cover Clip (Wiremold #5406T)	8.09	2.98
26 05 33 23-0570 EA Base Seam Clip (Wiremold #5406TB)	7.17	2.98
26 05 33 23-0571 EA L Or R (Left Or Right) Transition Fitting (Wiremold #5408)	55.75	15.38
26 05 33 23-0572 EA End Cap (Wiremold #5410)	26.85	9.43
26 05 33 23-0573 EA Radiused Divided Entrance Cap Fitting (Wiremold #5410DFO)	53.40	15.38
26 05 33 23-0574 EA Radiused Flat 90 Degree Elbow (Wiremold #5411FO)	49.04	12.41
26 05 33 23-0575 EA Tee Fitting (Wiremold #5415)	56.33	15.38

26 Electrical**26 05 Common Work Results for Electrical****26 05 33 Raceway and Boxes for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0576	EA		Radiused Tee Fitting (Wiremold #5415FO).....	59.14	15.38
26 05 33 23-0577	EA		Radiused Internal Elbow (Wiremold #5417FO).....	46.01	15.38
26 05 33 23-0578	EA		External Elbow (Wiremold #5418).....	46.71	15.38
26 05 33 23-0579	EA		Radiused External Elbow (Wiremold #5418FO).....	47.36	15.38
26 05 33 23-0580	EA		5-5/32" x 6" Device Bracket (Wiremold #5450).....	22.83	4.96
26 05 33 23-0581	EA		7-19/32" x 7-1/2" Device Bracket (Wiremold #5450A3).....	30.50	4.96
26 05 33 23-0582	EA		2-1/2" x 4-7/8" Twin Snap Device Bracket (Wiremold #5450T).....	17.16	4.96
26 05 33 23-0583	EA		Transition Fitting (Wiremold #5474).....	48.69	15.38
26 05 33 23-0584			6-11/16" x 1-11/16" Two Piece Surface Non-Metallic Raceways (Wiremold #5500) <small>(26 05 33 23-0538)</small>		
26 05 33 23-0585	LF		6-11/16" x 1-11/16", Three Compartment Divided, Two Piece Surface Non-Metallic Raceway Base (Wiremold #5500BD3).....	18.92	4.46
			<i>For Concrete Or Masonry Surface, Add</i>	0.45	
26 05 33 23-0586	LF		Cover (Wiremold #5500C).....	7.12	0.49
26 05 33 23-0587	EA		Wire Clips (Wiremold #5500WC).....	6.62	2.48
26 05 33 23-0588	EA		Cover Clip (Wiremold #5506).....	10.97	2.98
26 05 33 23-0589	EA		Base Seam Clip Fitting (Wiremold #5506B).....	7.59	2.98
26 05 33 23-0590	EA		Modular Furniture Adapter (Wiremold #5507AD).....	10.19	2.98
26 05 33 23-0591	EA		Blank Faceplate (Wiremold #5507B).....	10.23	2.98
26 05 33 23-0592	EA		Duplex Receptacle Faceplate (Wiremold #5507D).....	10.29	2.98
26 05 33 23-0593	EA		Dual RJ Connector Faceplate (Wiremold #5507FRJ).....	10.29	2.98
26 05 33 23-0594	EA		Rectangular Receptacle Faceplate (Wiremold #5507R).....	10.17	2.98
26 05 33 23-0595	EA		Dual RJ Connector Faceplate (Wiremold #5507RJ).....	10.20	2.98
26 05 33 23-0596	EA		Rectangular Spacer Fitting (Wiremold #5507S).....	10.12	2.98
26 05 33 23-0597	EA		Switch Faceplate (Wiremold #5507SW).....	10.15	2.98
26 05 33 23-0598	EA		Twistlock Faceplate (Wiremold #5507T1).....	10.23	2.98
26 05 33 23-0599	EA		Single Receptacle Faceplate (Wiremold #5507T2).....	10.00	2.98
26 05 33 23-0600	EA		6-5/8" x 6" Device Bracket (Wiremold #5550).....	27.37	4.96
26 05 33 23-0601	EA		9-5/8" x 7-1/2" Device Bracket (Wiremold #5550A4).....	37.19	4.96
26 05 33 23-0602	EA		End Cap (Wiremold #5510).....	29.25	9.43
26 05 33 23-0603	EA		Entrance End Fitting (Wiremold #5510D).....	61.07	15.38
26 05 33 23-0604	EA		Radiused Flat 90 Degree Elbow (Wiremold #5511FO).....	56.08	12.41
26 05 33 23-0605	EA		Backfeed Connector (Wiremold #5514A).....	44.49	12.41
26 05 33 23-0606	EA		Tee Fitting (Wiremold #5515).....	64.33	15.38
26 05 33 23-0607	EA		Radiused Internal Elbow (Wiremold #5517FO).....	50.90	15.38
26 05 33 23-0608	EA		External Elbow (Wiremold #5518).....	52.24	15.38
26 05 33 23-0609	EA		Radiused External Elbow (Wiremold #5518FO).....	55.07	15.38
26 05 33 23-0610	EA		Transition Fitting (Wiremold #5574).....	49.55	15.38
26 05 33 23-0611	EA		Transition Fitting (Wiremold #5574A).....	67.90	15.38
26 05 33 23-0612			Hellermann Tyton Non-Metallic Low Voltage Raceways <small>(26 05 33 23-0442)</small>		
			Note: Exposed on flat wall surface.		
26 05 33 23-0613			1-1/4" x 3/4", Non-Metallic Low Voltage Raceways <small>(26 05 33 23-0612)</small>		
26 05 33 23-0614	LF		1-1/4" x 3/4", Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2).....	5.50	2.48
26 05 33 23-0615	EA		Splice For 1-1/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2X-14).....	6.58	1.48
26 05 33 23-0616	EA		Tee For 1-1/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2X-21-1).....	14.90	5.46
26 05 33 23-0617	EA		Flat 90 Degree Elbow For 1-1/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2X-25-1).....	10.93	3.47
26 05 33 23-0618	EA		Internal Elbow For 1-1/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2X-36).....	11.54	3.97
26 05 33 23-0619	EA		External Elbow For 1-1/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2X-29-1).....	15.06	3.97
26 05 33 23-0620	EA		End Cap For 1-1/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2X-36).....	8.56	2.48
26 05 33 23-0621	EA		Drop Ceiling Connector For 1-1/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR2X-50).....	14.80	4.46
26 05 33 23-0622			1-3/4" x 1", Non-Metallic Low Voltage Raceways <small>(26 05 33 23-0612)</small>		
26 05 33 23-0623	LF		1-3/4" x 1", Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3).....	6.73	2.98
26 05 33 23-0624	EA		Splice For 1-3/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3X-14).....	7.90	1.99
26 05 33 23-0625	EA		Tee For 1-3/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3X-21-1).....	16.21	5.96
26 05 33 23-0626	EA		Flat 90 Degree Elbow For 1-3/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3X-25-1).....	12.25	3.97
26 05 33 23-0627	EA		Internal Elbow For 1-3/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3X-33-1).....	13.25	4.46
26 05 33 23-0628	EA		External Elbow For 1-3/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3X-29-1).....	16.57	4.46
26 05 33 23-0629	EA		End Cap For 1-3/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3X-36).....	9.89	2.98
26 05 33 23-0630	EA		Drop Ceiling Connector For 1-3/4" Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR3X-50).....	14.80	4.46
26 05 33 23-0631	EA		1-3/4" To 1-1/4" Reducer For Non-Metallic Low Voltage Raceway (Hellermann Tyton TSR1X-12).....	13.86	4.96
26 05 33 23-0632			Non-Metallic Raceway Junction Boxes <small>(26 05 33 23-0612)</small>		
26 05 33 23-0633	EA		3" x 4-3/4" x 1-1/4", Single Gang, Non-Metallic Raceway Junction Box (Hellermann Tyton TSRX-JB1).....	66.42	27.16
26 05 33 23-0634	EA		3" x 4-3/4" x 2", Single Gang, Non-Metallic Raceway Junction Box (Hellermann Tyton TSRX-JB2).....	68.58	27.16
26 05 33 23-0635	EA		4.91" x 4.83" x 1.25", Double Gang, Non-Metallic Raceway Junction Box (Hellermann Tyton TSRX-JBD).....	75.30	27.16
26 05 33 23-0636			Hubbell Two-Channel Non-Metallic Raceways <small>(26 05 33 23-0442)</small>		
			Note: Exposed on flat wall surface.		
26 05 33 23-0637			2.12" x 1.04", Two-Channel Non-Metallic Raceways <small>(26 05 33 23-0636)</small>		
26 05 33 23-0638	LF		2.12" x 1.04", Two-Channel Non-Metallic Raceway (Hubbell MT8BC7).....	12.04	2.98
26 05 33 23-0639	LF		2.12" x 1.04", Two-Channel Non-Metallic Raceway With Adhesive (Hubbell MT8ABC7).....	12.54	2.98
26 05 33 23-0640	EA		Splice Cover For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8SC).....	5.73	1.99

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 33 23-0641 EA Tee Base And Cover For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8TCBC).....	23.55	5.96
26 05 33 23-0642 EA Tee Cover Only For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8TCC).....	9.13	1.99
26 05 33 23-0643 EA Flat 90 Degree Elbow Base And Cover For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8FEBC).....	17.26	3.97
26 05 33 23-0644 EA Flat 90 Degree Elbow Cover Only For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8FEC).....	7.72	1.99
26 05 33 23-0645 EA Internal Elbow Base And Cover For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8IEBC).....	18.93	4.46
26 05 33 23-0646 EA Internal Elbow Cover Only For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8IEC).....	7.97	1.99
26 05 33 23-0647 EA External Elbow Base And Cover For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8EEBC).....	19.43	4.46
26 05 33 23-0648 EA External Elbow Cover Only For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8EEC).....	8.55	1.99
26 05 33 23-0649 EA End Cap For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8EC).....	9.06	2.98
26 05 33 23-0650 EA Conduit Adapter For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8CACF).....	19.60	4.46
26 05 33 23-0651 EA Security Strap For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT8SS).....	6.30	1.99
26 05 33 23-0652 EA Light Fixture Box For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT678FB).....	34.87	5.96
26 05 33 23-0653 EA Single Gang Pass-Thru Divider Tunnel For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT678DT1G).....	18.14	5.96
26 05 33 23-0654 EA Double Gang Pass-Thru Divider Tunnel For 2.12" Two-Channel Non-Metallic Raceway (Hubbell MT678DT2G).....	25.72	5.96
26 05 33 23-0655 Non-Metallic Raceway Junction Boxes <small>(26 05 33 23-0636)</small>		
26 05 33 23-0656 EA 3.25" x 4.90" x 1.25", Single Gang, Non-Metallic Raceway Junction Box (Hubbell MT678LB).....	64.13	27.16
26 05 33 23-0657 EA 3.25" x 4.90" x 1.78", Single Gang, Non-Metallic Raceway Junction Box (Hubbell MT678SB).....	64.97	27.16
26 05 33 23-0658 EA 3.25" x 4.90" x 2.44", Single Gang, Non-Metallic Raceway Junction Box (Hubbell MT678DB).....	69.29	27.16
26 05 33 23-0659 EA 5.06" x 4.90" x 2.44", Double Gang, Non-Metallic Raceway Junction Box (Hubbell MT678CTGB).....	69.96	27.16
26 05 33 23-0660 EA Divided, 5.06" x 4.90" x 2.44", Double Gang, Non-Metallic Raceway Junction Box (Hubbell MT678TGD).....	78.95	27.16
26 05 33 23-0661 Surface Cable Protection System <small>(26 05 33 23)</small>		
26 05 33 23-0662 EA 35-1/2" Long x 18-9/16" Wide x 3" High, Three Channel, Heavy Duty Polyurethane, Surface Cable Protector (Yellow Jacket® CP-YJHD-3).....	610.14	
Note: Modular interlocking design with hinged lid.		
26 05 33 23-0663 EA 35-3/4" Long x 19-3/4" Wide x 1-7/8" High, Five Channel, Heavy Duty Polyurethane, Surface Cable Protector (Yellow Jacket® CP-YJHD-5).....	459.58	
Note: Modular interlocking design with hinged lid.		
26 05 36 Cable Trays for Electrical Systems <small>(26 05)</small>		
26 05 36 00-0001 Cable Trays <small>(26 05 36)</small>		
Note: Excludes supporting hangers.		
26 05 36 00-0002 Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0001)</small>		
26 05 36 00-0003 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0002)</small>		
26 05 36 00-0004 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0005 LF 6" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	38.93	10.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-3.02	
26 05 36 00-0006 LF 9" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	42.09	11.19
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-3.28	
26 05 36 00-0007 LF 12" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	46.03	12.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-3.60	
26 05 36 00-0008 LF 18" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	51.38	12.82
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-4.07	
26 05 36 00-0009 LF 24" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	56.58	13.25
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-4.56	
26 05 36 00-0010 LF 30" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	69.11	15.32
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-5.64	
26 05 36 00-0011 LF 36" Wide, 4" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	77.49	17.49
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-6.30	
26 05 36 00-0012 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0013 LF 6" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	36.63	10.22
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-2.81	
26 05 36 00-0014 LF 9" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	39.67	10.87
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-3.06	
26 05 36 00-0015 LF 12" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	42.30	11.84
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-3.24	
26 05 36 00-0016 LF 18" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	46.48	12.49
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-3.61	
26 05 36 00-0017 LF 24" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	50.24	12.92
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-3.95	
26 05 36 00-0018 LF 30" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	59.10	14.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-4.67	
26 05 36 00-0019 LF 36" Wide, 6" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	64.56	16.29
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-5.10	
26 05 36 00-0020 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0021 LF 6" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray.....	35.26	10.10
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>		
	-2.69	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0022	LF	9"	9" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	36.29 -2.76	10.43
26 05 36 00-0023	LF	12"	12" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	40.07 -3.09	11.08
26 05 36 00-0024	LF	18"	18" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	43.99 -3.43	11.62
26 05 36 00-0025	LF	24"	24" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	47.82 -3.78	11.95
26 05 36 00-0026	LF	30"	30" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	52.14 -4.13	13.03
26 05 36 00-0027	LF	36"	36" Wide, 9" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	55.97 -4.42	14.12
26 05 36 00-0028			12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0029	LF	6"	6" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	34.22 -2.62	9.66
26 05 36 00-0030	LF	9"	9" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	34.94 -2.67	9.88
26 05 36 00-0031	LF	12"	12" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	37.00 -2.83	10.43
26 05 36 00-0032	LF	18"	18" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	39.21 -3.01	10.97
26 05 36 00-0033	LF	24"	24" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	40.94 -3.18	10.97
26 05 36 00-0034	LF	30"	30" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	45.30 -3.55	11.84
26 05 36 00-0035	LF	36"	36" Wide, 12" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	47.73 -3.74	12.38
26 05 36 00-0036			18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-0003)</small>		
26 05 36 00-0037	LF	6"	6" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	33.77 -2.59	9.45
26 05 36 00-0038	LF	9"	9" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	34.35 -2.63	9.66
26 05 36 00-0039	LF	12"	12" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	36.42 -2.79	10.22
26 05 36 00-0040	LF	18"	18" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	38.26 -2.94	10.65
26 05 36 00-0041	LF	24"	24" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	38.90 -2.99	10.76
26 05 36 00-0042	LF	30"	30" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	41.31 -3.17	11.52
26 05 36 00-0043	LF	36"	36" Wide, 18" Rung Spacing, 4-5/8" High, Straight Sections, Ladder Bottom Galvanized Steel Cable Tray <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	43.08 -3.30	12.17
26 05 36 00-0044			4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0045			12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0046	EA	6"	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	297.93 -20.72	108.96
26 05 36 00-0047	EA	9"	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	332.47 -22.91	124.06
26 05 36 00-0048	EA	12"	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	365.31 -25.10	137.20
26 05 36 00-0049	EA	18"	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	457.63 -31.75	168.15
26 05 36 00-0050	EA	24"	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	521.30 -36.04	193.04
26 05 36 00-0051	EA	30"	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	624.45 -44.34	217.26
26 05 36 00-0052	EA	36"	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	720.55 -51.36	248.32
26 05 36 00-0053			24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0054	EA	6"	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	429.05 -33.46	113.30

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0055 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 464.67	464.67	130.24
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.61	
26 05 36 00-0056 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 498.22	498.22	144.80
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.75	
26 05 36 00-0057 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 576.89	576.89	179.89
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.70	
26 05 36 00-0058 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 645.18	645.18	208.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.13	
26 05 36 00-0059 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 718.05	718.05	236.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.07	
26 05 36 00-0060 EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 841.49	841.49	274.29
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.29	
26 05 36 00-0061 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-0062 EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 463.42	463.42	118.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.47	
26 05 36 00-0063 EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 509.23	509.23	137.09
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.50	
26 05 36 00-0064 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 549.49	549.49	153.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.16	
26 05 36 00-0065 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 658.02	658.02	193.04
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.71	
26 05 36 00-0066 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 747.23	747.23	226.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.84	
26 05 36 00-0067 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 877.93	877.93	260.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.07	
26 05 36 00-0068 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 994.54	994.54	306.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.93	
26 05 36 00-0069 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-0070 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 222.10	222.10	78.97
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.63	
For 60 Degree Bend, Deduct	-43.03	
For 30 Degree Bend, Deduct	-76.11	
26 05 36 00-0071 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 252.03	252.03	94.72
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.31	
For 60 Degree Bend, Deduct	-46.88	
For 30 Degree Bend, Deduct	-83.39	
26 05 36 00-0072 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 278.97	278.97	108.63
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.84	
For 60 Degree Bend, Deduct	-50.42	
For 30 Degree Bend, Deduct	-90.07	
26 05 36 00-0073 EA 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 332.25	332.25	137.31
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.79	
For 60 Degree Bend, Deduct	-57.02	
For 30 Degree Bend, Deduct	-102.66	
26 05 36 00-0074 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 413.29	413.29	168.15
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.32	
For 60 Degree Bend, Deduct	-71.93	
For 30 Degree Bend, Deduct	-129.22	
26 05 36 00-0075 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 491.74	491.74	193.04
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.09	
For 60 Degree Bend, Deduct	-88.27	
For 30 Degree Bend, Deduct	-157.84	
26 05 36 00-0076 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 555.08	555.08	226.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.62	
For 60 Degree Bend, Deduct	-96.30	
For 30 Degree Bend, Deduct	-173.10	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0077		24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0078	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.26	81.47
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.24	
		<i>For 60 Degree Bend, Deduct</i>	-51.37	
		<i>For 30 Degree Bend, Deduct</i>	-90.14	
26 05 36 00-0079	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	285.63	98.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.38	
		<i>For 60 Degree Bend, Deduct</i>	-56.61	
		<i>For 30 Degree Bend, Deduct</i>	-99.81	
26 05 36 00-0080	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	325.71	113.41
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.12	
		<i>For 60 Degree Bend, Deduct</i>	-64.02	
		<i>For 30 Degree Bend, Deduct</i>	-112.99	
26 05 36 00-0081	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	381.82	144.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.11	
		<i>For 60 Degree Bend, Deduct</i>	-70.48	
		<i>For 30 Degree Bend, Deduct</i>	-125.51	
26 05 36 00-0082	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	469.73	179.89
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.99	
		<i>For 60 Degree Bend, Deduct</i>	-86.07	
		<i>For 30 Degree Bend, Deduct</i>	-153.44	
26 05 36 00-0083	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	550.96	208.67
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.71	
		<i>For 60 Degree Bend, Deduct</i>	-101.84	
		<i>For 30 Degree Bend, Deduct</i>	-181.33	
26 05 36 00-0084	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	646.78	248.43
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.98	
		<i>For 60 Degree Bend, Deduct</i>	-118.22	
		<i>For 30 Degree Bend, Deduct</i>	-210.84	
26 05 36 00-0085		36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0086	EA	6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	304.50	84.08
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.45	
		<i>For 60 Degree Bend, Deduct</i>	-68.27	
		<i>For 30 Degree Bend, Deduct</i>	-118.45	
26 05 36 00-0087	EA	9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	343.83	102.11
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.88	
		<i>For 60 Degree Bend, Deduct</i>	-74.33	
		<i>For 30 Degree Bend, Deduct</i>	-129.55	
26 05 36 00-0088	EA	12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	374.88	118.51
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.61	
		<i>For 60 Degree Bend, Deduct</i>	-78.28	
		<i>For 30 Degree Bend, Deduct</i>	-137.06	
26 05 36 00-0089	EA	18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	447.87	153.39
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.00	
		<i>For 60 Degree Bend, Deduct</i>	-88.98	
		<i>For 30 Degree Bend, Deduct</i>	-156.83	
26 05 36 00-0090	EA	24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	525.00	193.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.41	
		<i>For 60 Degree Bend, Deduct</i>	-99.25	
		<i>For 30 Degree Bend, Deduct</i>	-176.13	
26 05 36 00-0091	EA	30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	640.07	226.60
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.12	
		<i>For 60 Degree Bend, Deduct</i>	-124.35	
		<i>For 30 Degree Bend, Deduct</i>	-219.84	
26 05 36 00-0092	EA	36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	749.11	274.29
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.05	
		<i>For 60 Degree Bend, Deduct</i>	-142.05	
		<i>For 30 Degree Bend, Deduct</i>	-251.99	
26 05 36 00-0093		12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0094	EA	6" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	324.57	108.63
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0095 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 353.65	353.65	124.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -25.02	-25.02	
26 05 36 00-0096 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 380.36	380.36	137.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -26.61	-26.61	
26 05 36 00-0097 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 438.63	438.63	168.15
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -29.85	-29.85	
26 05 36 00-0098 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 486.72	486.72	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -32.58	-32.58	
26 05 36 00-0099 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 540.25	540.25	217.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -35.92	-35.92	
26 05 36 00-0100 EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 598.11	598.11	248.00
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -39.14	-39.14	
26 05 36 00-0101 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-0102 EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 391.77	391.77	113.30
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -29.73	-29.73	
26 05 36 00-0103 EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 425.11	425.11	130.35
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -31.65	-31.65	
26 05 36 00-0104 EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 457.50	457.50	144.80
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -33.68	-33.68	
26 05 36 00-0105 EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 527.40	527.40	179.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -37.75	-37.75	
26 05 36 00-0106 EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 586.92	586.92	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -41.31	-41.31	
26 05 36 00-0107 EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 647.11	647.11	236.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -44.98	-44.98	
26 05 36 00-0108 EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 740.93	740.93	274.29
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -51.23	-51.23	
26 05 36 00-0109 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-0110 EA 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 471.21	471.21	118.40
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -37.25	-37.25	
26 05 36 00-0111 EA 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 512.33	512.33	137.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -39.80	-39.80	
26 05 36 00-0112 EA 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 542.76	542.76	153.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -41.49	-41.49	
26 05 36 00-0113 EA 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 631.89	631.89	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -47.10	-47.10	
26 05 36 00-0114 EA 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 691.14	691.14	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -50.23	-50.23	
26 05 36 00-0115 EA 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 790.83	790.83	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -57.36	-57.36	
26 05 36 00-0116 EA 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 889.89	889.89	306.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -63.47	-63.47	
26 05 36 00-0117 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0044)		
26 05 36 00-0118 EA 6" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 577.61	577.61	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -40.38	-40.38	
26 05 36 00-0119 EA 9" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 624.76	624.76	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -43.59	-43.59	
26 05 36 00-0120 EA 12" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 655.49	655.49	236.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -45.81	-45.81	
26 05 36 00-0121 EA 18" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 733.03	733.03	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> -51.58	-51.58	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0122	EA		24" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	832.36	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.12	
26 05 36 00-0123	EA		30" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	930.04	306.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.43	
26 05 36 00-0124	EA		36" Wide, 12" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,052.56	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.30	
26 05 36 00-0125			24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0126	EA		6" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	737.99	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.91	
26 05 36 00-0127	EA		9" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	791.42	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.44	
26 05 36 00-0128	EA		12" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	825.67	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.84	
26 05 36 00-0129	EA		18" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	904.41	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.32	
26 05 36 00-0130	EA		24" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,002.93	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.14	
26 05 36 00-0131	EA		30" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,080.01	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.05	
26 05 36 00-0132	EA		36" Wide, 24" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,310.54	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.61	
26 05 36 00-0133			36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0134	EA		6" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	952.69	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.57	
26 05 36 00-0135	EA		9" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,016.48	274.29
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.79	
26 05 36 00-0136	EA		12" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,079.41	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-83.82	
26 05 36 00-0137	EA		18" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,184.78	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.32	
26 05 36 00-0138	EA		24" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,344.02	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.40	
26 05 36 00-0139	EA		30" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,458.09	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.36	
26 05 36 00-0140	EA		36" Wide, 36" Radius, Horizontal Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,636.97	473.62
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.22	
26 05 36 00-0141			12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0142	EA		6" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	712.92	193.04
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.20	
26 05 36 00-0143	EA		9" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	729.03	200.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.18	
26 05 36 00-0144	EA		12" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	745.74	208.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.19	
26 05 36 00-0145	EA		18" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	782.60	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.37	
26 05 36 00-0146	EA		24" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	806.47	236.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.91	
26 05 36 00-0147	EA		30" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	873.71	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.65	
26 05 36 00-0148	EA		36" Wide, 12" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	938.73	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0149 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0150 EA 6" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,054.56	208.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.07	
26 05 36 00-0151 EA 9" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,079.22	217.26
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-89.82	
26 05 36 00-0152 EA 12" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,105.13	226.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.63	
26 05 36 00-0153 EA 18" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,161.99	248.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-95.50	
26 05 36 00-0154 EA 24" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,203.11	260.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-98.59	
26 05 36 00-0155 EA 30" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,271.56	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-103.04	
26 05 36 00-0156 EA 36" Wide, 24" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,366.64	325.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-109.51	
26 05 36 00-0157 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0158 EA 6" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,698.74	226.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-150.99	
26 05 36 00-0159 EA 9" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,732.91	236.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-153.56	
26 05 36 00-0160 EA 12" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,769.32	248.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-156.23	
26 05 36 00-0161 EA 18" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,829.69	274.29
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-160.11	
26 05 36 00-0162 EA 24" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,872.02	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-163.08	
26 05 36 00-0163 EA 30" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,984.26	325.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-171.27	
26 05 36 00-0164 EA 36" Wide, 36" Radius, Vertical Tees, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,078.31	372.06
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-176.83	
26 05 36 00-0165 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0166 EA 6" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	719.30	260.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.20	
26 05 36 00-0167 EA 9" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	755.71	274.29
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.71	
26 05 36 00-0168 EA 12" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	808.34	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.72	
26 05 36 00-0169 EA 18" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	868.28	306.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.26	
26 05 36 00-0170 EA 24" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	977.07	347.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.75	
26 05 36 00-0171 EA 30" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,096.97	372.06
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.70	
26 05 36 00-0172 EA 36" Wide, 12" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,200.74	401.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.63	
26 05 36 00-0173 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>		
26 05 36 00-0174 EA 6" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,034.80	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.36	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0175	EA	9" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,081.02		306.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.53		
26 05 36 00-0176	EA	12" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,129.88		325.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.83		
26 05 36 00-0177	EA	18" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,203.54		347.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.40		
26 05 36 00-0178	EA	24" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,334.56		401.38
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.01		
26 05 36 00-0179	EA	30" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,434.46		434.51
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-107.24		
26 05 36 00-0180	EA	36" Wide, 24" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,612.95		473.62
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.82		
26 05 36 00-0181		36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0182	EA	6" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,315.17		325.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.36		
26 05 36 00-0183	EA	9" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,385.39		347.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.59		
26 05 36 00-0184	EA	12" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,460.69		372.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.07		
26 05 36 00-0185	EA	18" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,595.34		401.38
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-126.09		
26 05 36 00-0186	EA	24" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,818.82		473.62
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-142.41		
26 05 36 00-0187	EA	30" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,982.80		520.54
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-154.90		
26 05 36 00-0188	EA	36" Wide, 36" Radius, Horizontal Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,167.38		579.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-168.42		
26 05 36 00-0189		12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0190	EA	6" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	847.46		260.71
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.02		
26 05 36 00-0191	EA	9" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	890.20		274.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.15		
26 05 36 00-0192	EA	12" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	954.93		289.38
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.38		
26 05 36 00-0193	EA	18" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,029.05		306.99
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.32		
26 05 36 00-0194	EA	24" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,156.19		347.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.67		
26 05 36 00-0195	EA	30" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,311.88		372.16
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.17		
26 05 36 00-0196	EA	36" Wide, 12" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,439.24		400.84
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.52		
26 05 36 00-0197		24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0044)</small>			
26 05 36 00-0198	EA	6" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,283.39		289.38
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.22		
26 05 36 00-0199	EA	9" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,337.33		306.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.16		
26 05 36 00-0200	EA	12" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,393.92		325.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.24		
26 05 36 00-0201	EA	18" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,484.56		347.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-119.50		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0202 EA 24" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,634.11	401.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-129.97	
26 05 36 00-0203 EA 30" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,754.08	434.51
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-139.20	
26 05 36 00-0204 EA 36" Wide, 24" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,983.52	473.62
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-158.88	
26 05 36 00-0205 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-004)</small>		
26 05 36 00-0206 EA 6" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,662.58	325.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-139.10	
26 05 36 00-0207 EA 9" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,748.25	347.40
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-145.87	
26 05 36 00-0208 EA 12" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,838.98	372.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-152.90	
26 05 36 00-0209 EA 18" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,012.23	401.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-167.78	
26 05 36 00-0210 EA 24" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,282.04	473.62
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-188.73	
26 05 36 00-0211 EA 30" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,484.61	520.54
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-205.08	
26 05 36 00-0212 EA 36" Wide, 36" Radius, Vertical Crosses, 4" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,707.80	579.86
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-222.46	
26 05 36 00-0213 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>		
26 05 36 00-0214 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0215 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	281.30	108.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.05	
26 05 36 00-0216 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	314.52	124.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.11	
26 05 36 00-0217 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	345.78	137.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.15	
26 05 36 00-0218 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	432.29	168.15
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.22	
26 05 36 00-0219 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	492.79	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.19	
26 05 36 00-0220 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	586.97	217.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.59	
26 05 36 00-0221 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	676.74	248.32
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.98	
26 05 36 00-0222 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0223 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	394.73	113.30
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.03	
26 05 36 00-0224 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	429.30	130.24
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.08	
26 05 36 00-0225 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	461.53	144.80
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.08	
26 05 36 00-0226 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	537.30	179.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.74	
26 05 36 00-0227 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	602.69	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.88	
26 05 36 00-0228 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	671.86	236.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.45	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0229	EA		36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	786.59 -55.80	274.29
26 05 36 00-0230			36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0231	EA		6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	425.42 -32.67	118.40
26 05 36 00-0232	EA		9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	469.12 -35.49	137.09
26 05 36 00-0233	EA		12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	507.52 -37.97	153.39
26 05 36 00-0234	EA		18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	609.98 -44.91	193.04
26 05 36 00-0235	EA		24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	694.44 -50.56	226.60
26 05 36 00-0236	EA		30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	814.59 -59.73	260.71
26 05 36 00-0237	EA		36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	925.39 -67.02	306.34
26 05 36 00-0238			12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0239	EA		6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	209.17 -38.77 -14.34 -68.99	78.97
26 05 36 00-0240	EA		9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	238.57 -42.43 -15.97 -75.98	94.72
26 05 36 00-0241	EA		12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	264.98 -45.80 -17.45 -82.37	108.63
26 05 36 00-0242	EA		18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	317.46 -52.14 -20.31 -94.53	137.31
26 05 36 00-0243	EA		24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	394.28 -65.65 -25.42 -118.76	168.15
26 05 36 00-0244	EA		30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	467.46 -80.26 -30.66 -144.49	193.04
26 05 36 00-0245	EA		36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	529.74 -87.94 -34.09 -159.16	226.60
26 05 36 00-0246			24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0247	EA		6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	233.90 -45.97 -16.60 -81.15	81.47
26 05 36 00-0248	EA		9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	268.21 -50.86 -18.64 -90.22	98.20

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0249 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	306.18 -57.57 -21.17 -102.25	113.41
26 05 36 00-0250 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	361.76 -63.86 -24.11 -114.48	144.80
26 05 36 00-0251 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	445.45 -78.06 -29.56 -140.09	179.89
26 05 36 00-0252 EA 30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	521.92 -92.26 -34.81 -165.35	208.67
26 05 36 00-0253 EA 36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	613.52 -107.25 -40.65 -192.54	248.43
26 05 36 00-0254 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0213)		
26 05 36 00-0255 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	281.00 -60.52 -21.10 -105.53	84.08
26 05 36 00-0256 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	319.02 -66.14 -23.39 -115.91	102.11
26 05 36 00-0257 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	349.54 -69.92 -25.08 -123.12	118.51
26 05 36 00-0258 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	420.42 -79.92 -29.26 -141.73	153.39
26 05 36 00-0259 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	495.96 -89.66 -33.51 -160.16	193.04
26 05 36 00-0260 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	602.59 -111.98 -41.37 -199.23	226.60
26 05 36 00-0261 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 60 Degree Bend, Deduct</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 30 Degree Bend, Deduct</i>	707.41 -128.29 -47.88 -229.06	274.29
26 05 36 00-0262 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0213)		
26 05 36 00-0263 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	313.09 -22.26	108.63
26 05 36 00-0264 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	341.90 -23.85	124.06
26 05 36 00-0265 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	368.22 -25.39	137.20
26 05 36 00-0266 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	425.96 -28.58	168.15
26 05 36 00-0267 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	473.53 -31.27	193.04
26 05 36 00-0268 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	526.00 -34.50	217.26

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0269	EA		36" Wide, 12" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	583.33 -37.67	248.00
26 05 36 00-0270			24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0271	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	375.53 -28.11	113.30
26 05 36 00-0272	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	408.49 -29.99	130.35
26 05 36 00-0273	EA		12" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	440.21 -31.95	144.80
26 05 36 00-0274	EA		18" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	509.19 -35.93	179.89
26 05 36 00-0275	EA		24" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	567.78 -39.39	208.67
26 05 36 00-0276	EA		30" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	626.92 -42.96	236.81
26 05 36 00-0277	EA		36" Wide, 24" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	718.23 -48.96	274.29
26 05 36 00-0278			36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0279	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	449.30 -35.06	118.40
26 05 36 00-0280	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	489.63 -37.53	137.20
26 05 36 00-0281	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	519.79 -39.19	153.39
26 05 36 00-0282	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	607.08 -44.62	193.04
26 05 36 00-0283	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	666.07 -47.72	226.60
26 05 36 00-0284	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	762.33 -54.51	260.71
26 05 36 00-0285	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	859.53 -60.43	306.34
26 05 36 00-0286			12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0287	EA		6" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	559.93 -38.61	208.67
26 05 36 00-0288	EA		9" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	605.76 -41.69	226.60
26 05 36 00-0289	EA		12" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	635.44 -43.81	236.81
26 05 36 00-0290	EA		18" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	710.07 -49.28	260.71
26 05 36 00-0291	EA		24" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	805.43 -56.42	289.38
26 05 36 00-0292	EA		30" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	897.84 -64.21	306.88
26 05 36 00-0293	EA		36" Wide, 12" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,016.14 -72.66	347.40
26 05 36 00-0294			24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0295 EA 6" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	710.28	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.14	
26 05 36 00-0296 EA 9" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	762.38	248.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.54	
26 05 36 00-0297 EA 12" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	795.58	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.83	
26 05 36 00-0298 EA 18" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	871.95	289.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.08	
26 05 36 00-0299 EA 24" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	967.56	325.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.60	
26 05 36 00-0300 EA 30" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,041.48	347.40
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.20	
26 05 36 00-0301 EA 36" Wide, 24" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,261.19	401.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.67	
26 05 36 00-0302 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0303 EA 6" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	911.25	248.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.43	
26 05 36 00-0304 EA 9" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	973.46	274.29
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.49	
26 05 36 00-0305 EA 12" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,033.48	289.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.23	
26 05 36 00-0306 EA 18" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,135.43	325.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.39	
26 05 36 00-0307 EA 24" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,288.33	372.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.83	
26 05 36 00-0308 EA 30" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,397.38	401.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.29	
26 05 36 00-0309 EA 36" Wide, 36" Radius, Horizontal Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,571.77	473.62
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-117.70	
26 05 36 00-0310 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0311 EA 6" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	682.83	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.20	
26 05 36 00-0312 EA 9" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	698.68	200.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.15	
26 05 36 00-0313 EA 12" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	715.13	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.13	
26 05 36 00-0314 EA 18" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	751.45	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.26	
26 05 36 00-0315 EA 24" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	774.80	236.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.74	
26 05 36 00-0316 EA 30" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	839.92	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.27	
26 05 36 00-0317 EA 36" Wide, 12" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	903.62	289.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.24	
26 05 36 00-0318 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0319 EA 6" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,000.18	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.63	
26 05 36 00-0320 EA 9" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,024.06	217.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.30	
26 05 36 00-0321 EA 12" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,049.18	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.03	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0322	EA		18" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,104.45	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.75	
26 05 36 00-0323	EA		24" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,143.99	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.67	
26 05 36 00-0324	EA		30" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,210.85	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.97	
26 05 36 00-0325	EA		36" Wide, 24" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,303.29	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.17	
26 05 36 00-0326			36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0327	EA		6" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,597.12	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-140.83	
26 05 36 00-0328	EA		9" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,629.97	236.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-143.26	
26 05 36 00-0329	EA		12" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,665.07	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-145.81	
26 05 36 00-0330	EA		18" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,724.11	274.29
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-149.55	
26 05 36 00-0331	EA		24" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,765.13	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-152.39	
26 05 36 00-0332	EA		30" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,873.41	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-160.18	
26 05 36 00-0333	EA		36" Wide, 36" Radius, Vertical Tees, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,966.13	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-165.61	
26 05 36 00-0334			12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0335	EA		6" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	697.40	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.01	
26 05 36 00-0336	EA		9" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	732.75	274.29
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.42	
26 05 36 00-0337	EA		12" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	783.26	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.21	
26 05 36 00-0338	EA		18" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	840.83	306.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.51	
26 05 36 00-0339	EA		24" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	946.46	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.69	
26 05 36 00-0340	EA		30" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,060.29	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.03	
26 05 36 00-0341	EA		36" Wide, 12" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,159.83	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.54	
26 05 36 00-0342			24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0343	EA		6" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	992.31	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.11	
26 05 36 00-0344	EA		9" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,037.20	306.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.15	
26 05 36 00-0345	EA		12" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,084.75	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.32	
26 05 36 00-0346	EA		18" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,155.50	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.60	
26 05 36 00-0347	EA		24" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,283.36	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-94.89	
26 05 36 00-0348	EA		30" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,379.82	434.51
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-101.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0349 EA 36" Wide, 24" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,549.60 -115.49	473.62
26 05 36 00-0350 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0351 EA 6" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,255.78 -98.42	325.88
26 05 36 00-0352 EA 9" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,323.37 -103.38	347.40
26 05 36 00-0353 EA 12" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,396.02 -108.60	372.06
26 05 36 00-0354 EA 18" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,524.07 -118.96	401.38
26 05 36 00-0355 EA 24" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,739.64 -134.49	473.62
26 05 36 00-0356 EA 30" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,897.01 -146.32	520.54
26 05 36 00-0357 EA 36" Wide, 36" Radius, Horizontal Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	2,075.00 -159.18	579.86
26 05 36 00-0358 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0359 EA 6" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	815.69 -59.84	260.71
26 05 36 00-0360 EA 9" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	856.91 -62.82	274.40
26 05 36 00-0361 EA 12" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	918.58 -67.74	289.38
26 05 36 00-0362 EA 18" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	989.25 -73.34	306.99
26 05 36 00-0363 EA 24" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,111.79 -82.23	347.40
26 05 36 00-0364 EA 30" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,258.68 -94.85	372.16
26 05 36 00-0365 EA 36" Wide, 12" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,379.92 -104.59	400.84
26 05 36 00-0366 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		
26 05 36 00-0367 EA 6" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,221.78 -98.06	289.38
26 05 36 00-0368 EA 9" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,273.80 -101.81	306.88
26 05 36 00-0369 EA 12" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,328.47 -105.69	325.88
26 05 36 00-0370 EA 18" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,414.90 -112.54	347.40
26 05 36 00-0371 EA 24" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,559.86 -122.54	401.38
26 05 36 00-0372 EA 30" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,674.86 -131.28	434.51
26 05 36 00-0373 EA 36" Wide, 24" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,891.67 -149.69	473.62
26 05 36 00-0374 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0213)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0375	EA	6" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,576.47		325.88
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.49		
26 05 36 00-0376	EA	9" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,658.31		347.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-136.88		
26 05 36 00-0377	EA	12" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,745.21		372.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-143.52		
26 05 36 00-0378	EA	18" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,908.90		401.38
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-157.45		
26 05 36 00-0379	EA	24" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,167.23		473.62
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-177.25		
26 05 36 00-0380	EA	30" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,360.23		520.54
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-192.64		
26 05 36 00-0381	EA	36" Wide, 36" Radius, Vertical Crosses, 6" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,573.85		579.86
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-209.06		
26 05 36 00-0382		9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-0002)</small>			
26 05 36 00-0383		12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>			
26 05 36 00-0384	EA	6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	264.67		108.96
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.39		
26 05 36 00-0385	EA	9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	296.57		124.06
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.32		
26 05 36 00-0386	EA	12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	326.25		137.20
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.20		
26 05 36 00-0387	EA	18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	406.95		168.15
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.68		
26 05 36 00-0388	EA	24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	464.29		193.04
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.34		
26 05 36 00-0389	EA	30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	549.49		217.26
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.84		
26 05 36 00-0390	EA	36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	632.92		248.32
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.60		
26 05 36 00-0391		24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>			
26 05 36 00-0392	EA	6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	360.42		113.30
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.60		
26 05 36 00-0393	EA	9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	393.93		130.24
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.54		
26 05 36 00-0394	EA	12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	424.84		144.80
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.41		
26 05 36 00-0395	EA	18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	497.71		179.89
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.78		
26 05 36 00-0396	EA	24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	560.19		208.67
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.63		
26 05 36 00-0397	EA	30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	625.67		236.81
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.83		
26 05 36 00-0398	EA	36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	731.69		274.29
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.31		
26 05 36 00-0399		36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>			
26 05 36 00-0400	EA	6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	387.41		118.40
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.87		
26 05 36 00-0401	EA	9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	429.00		137.09
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.48		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0402 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	465.55	153.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.77	
26 05 36 00-0403 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.95	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.11	
26 05 36 00-0404 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	641.65	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.28	
26 05 36 00-0405 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	751.24	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.40	
26 05 36 00-0406 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	856.23	306.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.10	
26 05 36 00-0407 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0408 EA 6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	196.24	78.97
<i>For 30 Degree Bend, Deduct</i>	-61.88	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.05	
<i>For 60 Degree Bend, Deduct</i>	-34.50	
26 05 36 00-0409 EA 9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	225.11	94.72
<i>For 30 Degree Bend, Deduct</i>	-68.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.62	
<i>For 60 Degree Bend, Deduct</i>	-37.99	
26 05 36 00-0410 EA 12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.99	108.63
<i>For 30 Degree Bend, Deduct</i>	-74.68	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.05	
<i>For 60 Degree Bend, Deduct</i>	-41.19	
26 05 36 00-0411 EA 18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	302.68	137.31
<i>For 30 Degree Bend, Deduct</i>	-86.40	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.83	
<i>For 60 Degree Bend, Deduct</i>	-47.27	
26 05 36 00-0412 EA 24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	375.28	168.15
<i>For 30 Degree Bend, Deduct</i>	-108.31	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.52	
<i>For 60 Degree Bend, Deduct</i>	-59.38	
26 05 36 00-0413 EA 30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	443.17	193.04
<i>For 30 Degree Bend, Deduct</i>	-131.13	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.23	
<i>For 60 Degree Bend, Deduct</i>	-72.24	
26 05 36 00-0414 EA 36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.40	226.60
<i>For 30 Degree Bend, Deduct</i>	-145.22	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.55	
<i>For 60 Degree Bend, Deduct</i>	-79.58	
26 05 36 00-0415 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0416 EA 6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	217.53	81.47
<i>For 30 Degree Bend, Deduct</i>	-72.14	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.97	
<i>For 60 Degree Bend, Deduct</i>	-40.57	
26 05 36 00-0417 EA 9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	250.79	98.20
<i>For 30 Degree Bend, Deduct</i>	-80.64	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.89	
<i>For 60 Degree Bend, Deduct</i>	-45.11	
26 05 36 00-0418 EA 12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	286.65	113.41
<i>For 30 Degree Bend, Deduct</i>	-91.51	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.22	
<i>For 60 Degree Bend, Deduct</i>	-51.13	
26 05 36 00-0419 EA 18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	341.70	144.80
<i>For 30 Degree Bend, Deduct</i>	-103.45	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.10	
<i>For 60 Degree Bend, Deduct</i>	-57.24	
26 05 36 00-0420 EA 24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	421.16	179.89
<i>For 30 Degree Bend, Deduct</i>	-126.73	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.13	
<i>For 60 Degree Bend, Deduct</i>	-70.04	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0421	EA		30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	492.89	208.67
			<i>For 30 Degree Bend, Deduct</i>	-149.39	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.90	
			<i>For 60 Degree Bend, Deduct</i>	-82.68	
26 05 36 00-0422	EA		36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	580.26	248.43
			<i>For 30 Degree Bend, Deduct</i>	-174.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.33	
			<i>For 60 Degree Bend, Deduct</i>	-96.27	
26 05 36 00-0423			36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0424	EA		6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	257.51	84.08
			<i>For 30 Degree Bend, Deduct</i>	-92.61	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.75	
			<i>For 60 Degree Bend, Deduct</i>	-52.76	
26 05 36 00-0425	EA		9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	294.21	102.11
			<i>For 30 Degree Bend, Deduct</i>	-102.26	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.91	
			<i>For 60 Degree Bend, Deduct</i>	-57.95	
26 05 36 00-0426	EA		12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	324.20	118.51
			<i>For 30 Degree Bend, Deduct</i>	-109.18	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.54	
			<i>For 60 Degree Bend, Deduct</i>	-61.56	
26 05 36 00-0427	EA		18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	392.97	153.39
			<i>For 30 Degree Bend, Deduct</i>	-126.63	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.51	
			<i>For 60 Degree Bend, Deduct</i>	-70.86	
26 05 36 00-0428	EA		24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	466.93	193.04
			<i>For 30 Degree Bend, Deduct</i>	-144.20	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.61	
			<i>For 60 Degree Bend, Deduct</i>	-80.08	
26 05 36 00-0429	EA		30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	565.11	226.60
			<i>For 30 Degree Bend, Deduct</i>	-178.61	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.63	
			<i>For 60 Degree Bend, Deduct</i>	-99.61	
26 05 36 00-0430	EA		36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	665.70	274.29
			<i>For 30 Degree Bend, Deduct</i>	-206.12	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.71	
			<i>For 60 Degree Bend, Deduct</i>	-114.53	
26 05 36 00-0431			12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0432	EA		6" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	295.86	108.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.53	
26 05 36 00-0433	EA		9" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	324.28	124.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.09	
26 05 36 00-0434	EA		12" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	350.00	137.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.57	
26 05 36 00-0435	EA		18" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	406.95	168.15
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.68	
26 05 36 00-0436	EA		24" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	453.73	193.04
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.29	
26 05 36 00-0437	EA		30" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	504.62	217.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.36	
26 05 36 00-0438	EA		36" Wide, 12" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	561.16	248.00
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.45	
26 05 36 00-0439			24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0440	EA		6" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	351.18	113.30
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.68	
26 05 36 00-0441	EA		9" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	383.54	130.35
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0442 EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 414.28	414.28	144.80
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.36	
26 05 36 00-0443 EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 481.87	481.87	179.89
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.20	
26 05 36 00-0444 EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 539.08	539.08	208.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.52	
26 05 36 00-0445 EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 596.64	596.64	236.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.93	
26 05 36 00-0446 EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 684.18	684.18	274.29
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.56	
26 05 36 00-0447 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)		
26 05 36 00-0448 EA 6" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 416.44	416.44	118.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.78	
26 05 36 00-0449 EA 9" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 455.58	455.58	137.20
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-34.13	
26 05 36 00-0450 EA 12" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 485.35	485.35	153.39
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.75	
26 05 36 00-0451 EA 18" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 569.87	569.87	193.04
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.90	
26 05 36 00-0452 EA 24" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 628.45	628.45	226.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.96	
26 05 36 00-0453 EA 30" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 719.57	719.57	260.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.23	
26 05 36 00-0454 EA 36" Wide, 36" Radius, Vertical 90 Degree Elbows, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 814.00	814.00	306.34
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.88	
26 05 36 00-0455 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)		
26 05 36 00-0456 EA 6" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 524.56	524.56	208.67
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.07	
26 05 36 00-0457 EA 9" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 567.75	567.75	226.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.89	
26 05 36 00-0458 EA 12" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 595.32	595.32	236.81
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.80	
26 05 36 00-0459 EA 18" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 664.14	664.14	260.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.69	
26 05 36 00-0460 EA 24" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 751.59	751.59	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.04	
26 05 36 00-0461 EA 30" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 833.44	833.44	306.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-57.77	
26 05 36 00-0462 EA 36" Wide, 12" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 943.29	943.29	347.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-65.38	
26 05 36 00-0463 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0382)		
26 05 36 00-0464 EA 6" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 654.85	654.85	226.60
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.60	
26 05 36 00-0465 EA 9" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 704.32	704.32	248.43
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.73	
26 05 36 00-0466 EA 12" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 735.40	735.40	260.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.81	
26 05 36 00-0467 EA 18" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 807.02	807.02	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.58	
26 05 36 00-0468 EA 24" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting 896.82	896.82	325.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.53	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0469	EA		30" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	964.41	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.49	
26 05 36 00-0470	EA		36" Wide, 24" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,162.47	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.80	
26 05 36 00-0471			36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0472	EA		6" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	828.37	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.14	
26 05 36 00-0473	EA		9" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	887.42	274.29
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.88	
26 05 36 00-0474	EA		12" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	941.63	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.04	
26 05 36 00-0475	EA		18" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,036.71	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.51	
26 05 36 00-0476	EA		24" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,176.95	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.69	
26 05 36 00-0477	EA		30" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,275.97	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-94.15	
26 05 36 00-0478	EA		36" Wide, 36" Radius, Horizontal Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,441.39	473.62
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.67	
26 05 36 00-0479			12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0480	EA		6" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	622.65	193.04
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.18	
26 05 36 00-0481	EA		9" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	637.97	200.63
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.08	
26 05 36 00-0482	EA		12" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	653.89	208.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.00	
26 05 36 00-0483	EA		18" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	689.16	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.03	
26 05 36 00-0484	EA		24" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	711.45	236.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.41	
26 05 36 00-0485	EA		30" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	772.36	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.51	
26 05 36 00-0486	EA		36" Wide, 12" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	833.41	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.22	
26 05 36 00-0487			24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0488	EA		6" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	891.44	208.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.76	
26 05 36 00-0489	EA		9" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	913.73	217.26
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.27	
26 05 36 00-0490	EA		12" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	937.27	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.84	
26 05 36 00-0491	EA		18" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	989.37	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.24	
26 05 36 00-0492	EA		24" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,025.74	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.85	
26 05 36 00-0493	EA		30" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,089.44	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.83	
26 05 36 00-0494	EA		36" Wide, 24" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,176.60	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0495 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0496 EA 6" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,393.89	226.60
	-120.50	
26 05 36 00-0497 EA 9" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,424.09	236.81
	-122.67	
26 05 36 00-0498 EA 12" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,456.55	248.43
	-124.96	
26 05 36 00-0499 EA 18" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,512.96	274.29
	-128.44	
26 05 36 00-0500 EA 24" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,551.34	289.38
	-131.02	
26 05 36 00-0501 EA 30" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,651.70	325.88
	-138.01	
26 05 36 00-0502 EA 36" Wide, 36" Radius, Vertical Tees, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,741.78	372.06
	-143.18	
26 05 36 00-0503 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0504 EA 6" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	653.58	260.71
	-43.63	
26 05 36 00-0505 EA 9" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	686.82	274.29
	-45.82	
26 05 36 00-0506 EA 12" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	733.11	289.38
	-49.19	
26 05 36 00-0507 EA 18" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	785.93	306.88
	-53.02	
26 05 36 00-0508 EA 24" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	885.22	347.40
	-59.57	
26 05 36 00-0509 EA 30" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	986.91	372.06
	-67.69	
26 05 36 00-0510 EA 36" Wide, 12" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,078.01	401.38
	-74.36	
26 05 36 00-0511 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0512 EA 6" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	907.32	289.38
	-66.61	
26 05 36 00-0513 EA 9" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.57	306.88
	-69.39	
26 05 36 00-0514 EA 12" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	994.48	325.88
	-72.29	
26 05 36 00-0515 EA 18" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,059.42	347.40
	-76.99	
26 05 36 00-0516 EA 24" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,180.95	401.38
	-84.65	
26 05 36 00-0517 EA 30" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,270.55	434.51
	-90.85	
26 05 36 00-0518 EA 36" Wide, 24" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,422.91	473.62
	-102.82	
26 05 36 00-0519 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0520 EA 6" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,137.01	325.88
	-86.54	
26 05 36 00-0521 EA 9" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,199.31	347.40
	-90.98	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0522	EA		12" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,266.69	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.67	
26 05 36 00-0523	EA		18" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,381.54	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-104.71	
26 05 36 00-0524	EA		24" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,581.28	473.62
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-118.66	
26 05 36 00-0525	EA		30" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,725.45	520.54
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-129.16	
26 05 36 00-0526	EA		36" Wide, 36" Radius, Horizontal Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,890.24	579.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-140.70	
26 05 36 00-0527			12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0528	EA		6" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	752.16	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.49	
26 05 36 00-0529	EA		9" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	790.31	274.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.16	
26 05 36 00-0530	EA		12" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	845.86	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.47	
26 05 36 00-0531	EA		18" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	909.64	306.99
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.38	
26 05 36 00-0532	EA		24" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,023.00	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.35	
26 05 36 00-0533	EA		30" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,152.29	372.16
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.21	
26 05 36 00-0534	EA		36" Wide, 12" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,261.28	400.84
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.72	
26 05 36 00-0535			24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0536	EA		6" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,098.54	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.74	
26 05 36 00-0537	EA		9" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,146.74	306.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.10	
26 05 36 00-0538	EA		12" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,197.58	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.60	
26 05 36 00-0539	EA		18" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,275.59	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.61	
26 05 36 00-0540	EA		24" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,411.37	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-107.69	
26 05 36 00-0541	EA		30" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,516.41	434.51
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.43	
26 05 36 00-0542	EA		36" Wide, 24" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,707.97	473.62
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-131.32	
26 05 36 00-0543			36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0382)</small>		
26 05 36 00-0544	EA		6" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,404.25	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-113.27	
26 05 36 00-0545	EA		9" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,478.43	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-118.89	
26 05 36 00-0546	EA		12" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,557.68	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-124.77	
26 05 36 00-0547	EA		18" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,702.23	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-136.78	
26 05 36 00-0548	EA		24" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,937.60	473.62
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-154.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0549 EA 30" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,111.47	520.54
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-167.77	
26 05 36 00-0550 EA 36" Wide, 36" Radius, Vertical Crosses, 9" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,305.95	579.86
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-182.27	
26 05 36 00-0551 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fittings (26 05 36 00-0002)		
26 05 36 00-0552 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0553 EA 6" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	258.85	108.96
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.81	
26 05 36 00-0554 EA 9" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	290.29	124.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.69	
26 05 36 00-0555 EA 12" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	319.41	137.20
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.51	
26 05 36 00-0556 EA 18" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	398.08	168.15
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.80	
26 05 36 00-0557 EA 24" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	454.31	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.34	
26 05 36 00-0558 EA 30" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	536.37	217.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.53	
26 05 36 00-0559 EA 36" Wide, 12" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	617.59	248.32
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.07	
26 05 36 00-0560 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0561 EA 6" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	348.41	113.30
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.40	
26 05 36 00-0562 EA 9" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	381.55	130.24
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.30	
26 05 36 00-0563 EA 12" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	412.00	144.80
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.13	
26 05 36 00-0564 EA 18" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	483.85	179.89
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.40	
26 05 36 00-0565 EA 24" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	545.32	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.15	
26 05 36 00-0566 EA 30" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	609.50	236.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.21	
26 05 36 00-0567 EA 36" Wide, 24" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	712.47	274.29
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.39	
26 05 36 00-0568 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0569 EA 6" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	374.11	118.40
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.54	
26 05 36 00-0570 EA 9" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	414.95	137.09
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.08	
26 05 36 00-0571 EA 12" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	450.87	153.39
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.30	
26 05 36 00-0572 EA 18" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	545.13	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.43	
26 05 36 00-0573 EA 24" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	623.18	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.43	
26 05 36 00-0574 EA 30" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	729.07	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.18	
26 05 36 00-0575 EA 36" Wide, 36" Radius, Horizontal 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	832.03	306.34
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.68	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-0576		12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
26 05 36 00-0577	EA	6" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	191.71	78.97	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-12.59		
		For 60 Degree Bend, Deduct	-33.00		
		For 30 Degree Bend, Deduct	-59.39		
26 05 36 00-0578	EA	9" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	220.39	94.72	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.15		
		For 60 Degree Bend, Deduct	-36.43		
		For 30 Degree Bend, Deduct	-65.98		
26 05 36 00-0579	EA	12" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	246.10	108.63	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.56		
		For 60 Degree Bend, Deduct	-39.57		
		For 30 Degree Bend, Deduct	-71.99		
26 05 36 00-0580	EA	18" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	297.51	137.31	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.31		
		For 60 Degree Bend, Deduct	-45.56		
		For 30 Degree Bend, Deduct	-83.56		
26 05 36 00-0581	EA	24" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	368.63	168.15	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.85		
		For 60 Degree Bend, Deduct	-57.19		
		For 30 Degree Bend, Deduct	-104.66		
26 05 36 00-0582	EA	30" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	434.67	193.04	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.38		
		For 60 Degree Bend, Deduct	-69.44		
		For 30 Degree Bend, Deduct	-126.45		
26 05 36 00-0583	EA	36" Wide, 12" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	495.53	226.60	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.67		
		For 60 Degree Bend, Deduct	-76.65		
		For 30 Degree Bend, Deduct	-140.34		
26 05 36 00-0584		24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			
26 05 36 00-0585	EA	6" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	211.80	81.47	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-14.39		
		For 60 Degree Bend, Deduct	-38.68		
		For 30 Degree Bend, Deduct	-68.99		
26 05 36 00-0586	EA	9" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	244.69	98.20	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-16.28		
		For 60 Degree Bend, Deduct	-43.10		
		For 30 Degree Bend, Deduct	-77.29		
26 05 36 00-0587	EA	12" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	279.81	113.41	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.53		
		For 60 Degree Bend, Deduct	-48.87		
		For 30 Degree Bend, Deduct	-87.75		
26 05 36 00-0588	EA	18" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	334.68	144.80	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.40		
		For 60 Degree Bend, Deduct	-54.92		
		For 30 Degree Bend, Deduct	-99.58		
26 05 36 00-0589	EA	24" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	412.66	179.89	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.28		
		For 60 Degree Bend, Deduct	-67.24		
		For 30 Degree Bend, Deduct	-122.05		
26 05 36 00-0590	EA	30" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	482.73	208.67	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-30.89		
		For 60 Degree Bend, Deduct	-79.33		
		For 30 Degree Bend, Deduct	-143.80		
26 05 36 00-0591	EA	36" Wide, 24" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting	568.62	248.43	
		For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.16		
		For 60 Degree Bend, Deduct	-92.43		
		For 30 Degree Bend, Deduct	-167.85		
26 05 36 00-0592		36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0593 EA 6" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	249.29 -17.93 -50.05 -88.09	84.08
26 05 36 00-0594 EA 9" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	285.53 -20.05 -55.09 -97.49	102.11
26 05 36 00-0595 EA 12" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	315.33 -21.66 -58.63 -104.30	118.51
26 05 36 00-0596 EA 18" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	383.36 -25.55 -67.69 -121.35	153.39
26 05 36 00-0597 EA 24" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	456.77 -29.59 -76.73 -138.61	193.04
26 05 36 00-0598 EA 30" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	551.99 -36.31 -95.28 -171.40	226.60
26 05 36 00-0599 EA 36" Wide, 36" Radius, Horizontal 45 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i> <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	651.11 -42.25 -109.71 -198.09	274.29
26 05 36 00-0600 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0601 EA 6" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	287.83 -19.73	108.63
26 05 36 00-0602 EA 9" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	316.06 -21.26	124.06
26 05 36 00-0603 EA 12" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	341.50 -22.72	137.20
26 05 36 00-0604 EA 18" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	398.08 -25.80	168.15
26 05 36 00-0605 EA 24" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	444.49 -28.36	193.04
26 05 36 00-0606 EA 30" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	494.64 -31.36	217.26
26 05 36 00-0607 EA 36" Wide, 12" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	550.81 -34.41	248.00
26 05 36 00-0608 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting (26 05 36 00-0551)		
26 05 36 00-0609 EA 6" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	339.82 -24.54	113.30
26 05 36 00-0610 EA 9" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	371.90 -26.33	130.35
26 05 36 00-0611 EA 12" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	402.18 -28.15	144.80
26 05 36 00-0612 EA 18" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	469.12 -31.92	179.89
26 05 36 00-0613 EA 24" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	525.68 -35.18	208.67
26 05 36 00-0614 EA 30" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	582.50 -38.51	236.81
26 05 36 00-0615 EA 36" Wide, 24" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	668.29 -43.97	274.29

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0616			36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0617	EA		6" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	401.11	118.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.24	
26 05 36 00-0618	EA		9" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	439.69	137.20
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.54	
26 05 36 00-0619	EA		12" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	469.28	153.39
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.14	
26 05 36 00-0620	EA		18" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	552.50	193.04
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.16	
26 05 36 00-0621	EA		24" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	610.90	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.20	
26 05 36 00-0622	EA		30" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	699.61	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.24	
26 05 36 00-0623	EA		36" Wide, 36" Radius, Vertical 90 Degree Elbows, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	792.76	306.34
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.75	
26 05 36 00-0624			12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0625	EA		6" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	506.88	208.67
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.30	
26 05 36 00-0626	EA		9" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	548.74	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.99	
26 05 36 00-0627	EA		12" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	575.26	236.81
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.79	
26 05 36 00-0628	EA		18" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	641.18	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.39	
26 05 36 00-0629	EA		24" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	724.67	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.35	
26 05 36 00-0630	EA		30" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	801.24	306.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.55	
26 05 36 00-0631	EA		36" Wide, 12" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	906.87	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.73	
26 05 36 00-0632			24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0633	EA		6" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	627.14	226.60
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.83	
26 05 36 00-0634	EA		9" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	675.28	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.83	
26 05 36 00-0635	EA		12" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	705.31	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.81	
26 05 36 00-0636	EA		18" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	774.55	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.34	
26 05 36 00-0637	EA		24" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	861.45	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.99	
26 05 36 00-0638	EA		30" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	925.87	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.63	
26 05 36 00-0639	EA		36" Wide, 24" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,113.11	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.87	
26 05 36 00-0640			36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0641	EA		6" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	786.93	248.43
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0642 EA 9" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	844.39	274.29
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.58	
26 05 36 00-0643 EA 12" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	895.70	289.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.45	
26 05 36 00-0644 EA 18" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	987.35	325.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.58	
26 05 36 00-0645 EA 24" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,121.26	372.06
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.12	
26 05 36 00-0646 EA 30" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,215.26	401.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-88.08	
26 05 36 00-0647 EA 36" Wide, 36" Radius, Horizontal Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,376.19	473.62
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-98.15	
26 05 36 00-0648 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0649 EA 6" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	592.56	193.04
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.17	
26 05 36 00-0650 EA 9" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	607.62	200.63
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.04	
26 05 36 00-0651 EA 12" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	623.28	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.94	
26 05 36 00-0652 EA 18" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	658.02	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.92	
26 05 36 00-0653 EA 24" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	679.78	236.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.24	
26 05 36 00-0654 EA 30" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	738.57	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.13	
26 05 36 00-0655 EA 36" Wide, 12" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	798.31	289.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.71	
26 05 36 00-0656 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0657 EA 6" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	837.07	208.67
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.32	
26 05 36 00-0658 EA 9" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	858.56	217.26
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.75	
26 05 36 00-0659 EA 12" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	881.31	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.25	
26 05 36 00-0660 EA 18" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	931.83	248.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.48	
26 05 36 00-0661 EA 24" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	966.62	260.71
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.94	
26 05 36 00-0662 EA 30" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,028.73	289.38
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.75	
26 05 36 00-0663 EA 36" Wide, 24" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,113.25	325.88
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.17	
26 05 36 00-0664 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0665 EA 6" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,292.27	226.60
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.34	
26 05 36 00-0666 EA 9" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,321.16	236.81
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.38	
26 05 36 00-0667 EA 12" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,352.29	248.43
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-114.53	
26 05 36 00-0668 EA 18" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,407.38	274.29
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-117.88	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0669	EA		24" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,444.44	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.33	
26 05 36 00-0670	EA		30" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,540.84	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-126.93	
26 05 36 00-0671	EA		36" Wide, 36" Radius, Vertical Tees, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,629.61	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-131.96	
26 05 36 00-0672			12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0673	EA		6" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	631.67	260.71
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.44	
26 05 36 00-0674	EA		9" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	663.86	274.29
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.53	
26 05 36 00-0675	EA		12" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	708.04	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.69	
26 05 36 00-0676	EA		18" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	758.48	306.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.28	
26 05 36 00-0677	EA		24" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	854.61	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.51	
26 05 36 00-0678	EA		30" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	950.22	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.02	
26 05 36 00-0679	EA		36" Wide, 12" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,037.10	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.27	
26 05 36 00-0680			24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0681	EA		6" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	864.82	289.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.36	
26 05 36 00-0682	EA		9" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	905.76	306.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.00	
26 05 36 00-0683	EA		12" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	949.35	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.78	
26 05 36 00-0684	EA		18" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,011.39	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.19	
26 05 36 00-0685	EA		24" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,129.74	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.53	
26 05 36 00-0686	EA		30" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,215.91	434.51
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.38	
26 05 36 00-0687	EA		36" Wide, 24" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,359.56	473.62
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.48	
26 05 36 00-0688			36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0689	EA		6" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,077.62	325.88
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.61	
26 05 36 00-0690	EA		9" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,137.29	347.40
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.78	
26 05 36 00-0691	EA		12" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,202.02	372.06
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-89.20	
26 05 36 00-0692	EA		18" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,310.28	401.38
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.58	
26 05 36 00-0693	EA		24" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,502.09	473.62
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.74	
26 05 36 00-0694	EA		30" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,639.67	520.54
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.59	
26 05 36 00-0695	EA		36" Wide, 36" Radius, Horizontal Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,797.86	579.86
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-131.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0696 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0697 EA 6" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	720.40	260.71
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.31	
26 05 36 00-0698 EA 9" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	757.02	274.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.83	
26 05 36 00-0699 EA 12" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	809.50	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.84	
26 05 36 00-0700 EA 18" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	869.84	306.99
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.40	
26 05 36 00-0701 EA 24" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	978.61	347.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-68.91	
26 05 36 00-0702 EA 30" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,099.09	372.16
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.89	
26 05 36 00-0703 EA 36" Wide, 12" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,201.96	400.84
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.79	
26 05 36 00-0704 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0705 EA 6" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,036.93	289.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.57	
26 05 36 00-0706 EA 9" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,083.21	306.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-82.75	
26 05 36 00-0707 EA 12" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,132.14	325.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.06	
26 05 36 00-0708 EA 18" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,205.94	347.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.64	
26 05 36 00-0709 EA 24" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,337.12	401.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-100.27	
26 05 36 00-0710 EA 30" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,437.19	434.51
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-107.51	
26 05 36 00-0711 EA 36" Wide, 24" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,616.12	473.62
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-122.14	
26 05 36 00-0712 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting <small>(26 05 36 00-0551)</small>		
26 05 36 00-0713 EA 6" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,318.14	325.88
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.66	
26 05 36 00-0714 EA 9" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,388.49	347.40
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-109.90	
26 05 36 00-0715 EA 12" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,463.92	372.06
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-115.39	
26 05 36 00-0716 EA 18" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,598.90	401.38
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-126.45	
26 05 36 00-0717 EA 24" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,822.78	473.62
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-142.81	
26 05 36 00-0718 EA 30" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	1,987.08	520.54
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-155.33	
26 05 36 00-0719 EA 36" Wide, 36" Radius, Vertical Crosses, 12" Rung Spacing, 4-5/8" High, Ladder Bottom Galvanized Steel Cable Tray Fitting.....	2,172.00	579.86
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-168.88	
26 05 36 00-0720 Dropout Or End Plates And Reducers <small>(26 05 36 00-0002)</small>		
26 05 36 00-0721 Straight Reducers <small>(26 05 36 00-0720)</small>		
26 05 36 00-0722 EA 9" To 6" Reducer, Steel Cable Tray.....	255.06	80.17
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.82	
26 05 36 00-0723 EA 12" To 9" Reducer, Steel Cable Tray.....	268.74	86.79
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.64	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0724	EA		18" To 12" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	291.07 -20.76	100.16
26 05 36 00-0725	EA		24" To 18" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	319.85 -22.33	115.91
26 05 36 00-0726	EA		30" To 24" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	346.59 -23.80	130.35
26 05 36 00-0727	EA		36" To 30" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	393.40 -26.93	148.93
26 05 36 00-0728			Reducers <small>(26 05 36 00-0720)</small>		
26 05 36 00-0729	EA		18" To 6" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	296.45 -21.29	100.27
26 05 36 00-0730	EA		24" To 12" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	325.40 -22.87	116.02
26 05 36 00-0731	EA		30" To 12" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	356.98 -24.84	130.24
26 05 36 00-0732	EA		30" To 18" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	362.09 -25.36	130.14
26 05 36 00-0733	EA		36" To 12" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	396.04 -27.19	148.93
26 05 36 00-0734	EA		36" To 18" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	407.85 -28.05	152.84
26 05 36 00-0735	EA		36" To 24" Reducer, Steel Cable Tray..... <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	421.27 -28.98	157.73
26 05 36 00-0736			Dropout Or End Plate <small>(26 05 36 00-0720)</small>		
26 05 36 00-0737	EA		6" Dropout Or End Plate, Steel Cable Tray.....	67.90	32.59
26 05 36 00-0738	EA		9" Dropout Or End Plate, Steel Cable Tray.....	78.00	37.26
26 05 36 00-0739	EA		12" Dropout Or End Plate, Steel Cable Tray.....	84.22	40.09
26 05 36 00-0740	EA		18" Dropout Or End Plate, Steel Cable Tray.....	99.42	47.37
26 05 36 00-0741	EA		24" Dropout Or End Plate, Steel Cable Tray.....	111.71	52.14
26 05 36 00-0742	EA		30" Dropout Or End Plate, Steel Cable Tray.....	123.77	57.90
26 05 36 00-0743	EA		36" Dropout Or End Plate, Steel Cable Tray.....	139.78	65.18
26 05 36 00-0744			Ladder Bottom Aluminum Cable Tray <small>(26 05 36 00-0001)</small> Note: 4-5/8" Height		
26 05 36 00-0745			Straight Tray Sections <small>(26 05 36 00-0744)</small>		
26 05 36 00-0746			4" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0747	LF		6" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	130.23 6.51 18.26 -12.39	7.61
26 05 36 00-0748	LF		9" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	137.75 6.89 19.33 -13.11	8.04
26 05 36 00-0749	LF		12" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	145.25 7.26 20.39 -13.83	8.36
26 05 36 00-0750	LF		18" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	161.46 8.07 22.69 -15.38	9.12
26 05 36 00-0751	LF		24" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	187.03 9.35 26.43 -17.89	9.77
26 05 36 00-0752	LF		30" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	205.34 10.27 29.07 -19.67	10.43
26 05 36 00-0753	LF		36" Aluminum Cable Tray, 4" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	221.43 11.07 31.36 -21.22	11.08
26 05 36 00-0754			6" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0755	LF		6" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	119.55 5.98 16.66 -11.32	7.61
26 05 36 00-0756	LF		9" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	126.44 6.32 17.63 -11.98	8.04
26 05 36 00-0757	LF		12" Aluminum Cable Tray, 6" Rung Spacing, Straight Section..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	133.32 6.67 18.60 -12.63	8.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0758 LF 18" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	148.18	9.12
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.41	
<i>For Class 12C Instead Of Class 12B, Add</i>	20.70	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.05	
26 05 36 00-0759 LF 24" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	171.50	9.77
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.58	
<i>For Class 12C Instead Of Class 12B, Add</i>	24.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.34	
26 05 36 00-0760 LF 30" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	188.25	10.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.41	
<i>For Class 12C Instead Of Class 12B, Add</i>	26.51	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.96	
26 05 36 00-0761 LF 36" Aluminum Cable Tray, 6" Rung Spacing, Straight Section	202.99	11.08
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.15	
<i>For Class 12C Instead Of Class 12B, Add</i>	28.60	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.37	
26 05 36 00-0762 9" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0763 LF 6" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	105.98	7.28
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.30	
<i>For Class 12C Instead Of Class 12B, Add</i>	14.68	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.99	
26 05 36 00-0764 LF 9" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	107.04	7.61
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.35	
<i>For Class 12C Instead Of Class 12B, Add</i>	14.78	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.07	
26 05 36 00-0765 LF 12" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	114.95	8.04
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.75	
<i>For Class 12C Instead Of Class 12B, Add</i>	15.91	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.83	
26 05 36 00-0766 LF 18" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	122.70	8.58
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.14	
<i>For Class 12C Instead Of Class 12B, Add</i>	16.97	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-11.55	
26 05 36 00-0767 LF 24" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	139.89	8.91
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.99	
<i>For Class 12C Instead Of Class 12B, Add</i>	19.50	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.25	
26 05 36 00-0768 LF 30" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	155.16	9.56
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.76	
<i>For Class 12C Instead Of Class 12B, Add</i>	21.67	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.72	
26 05 36 00-0769 LF 36" Aluminum Cable Tray, 9" Rung Spacing, Straight Section	164.37	10.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	8.22	
<i>For Class 12C Instead Of Class 12B, Add</i>	22.91	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.57	
26 05 36 00-0770 12" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0771 LF 6" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	104.00	7.06
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.20	
<i>For Class 12C Instead Of Class 12B, Add</i>	14.42	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.81	
26 05 36 00-0772 LF 9" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	104.94	7.28
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.25	
<i>For Class 12C Instead Of Class 12B, Add</i>	14.52	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.89	
26 05 36 00-0773 LF 12" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	108.79	7.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.44	
<i>For Class 12C Instead Of Class 12B, Add</i>	15.03	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.23	
26 05 36 00-0774 LF 18" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	115.27	8.15
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.76	
<i>For Class 12C Instead Of Class 12B, Add</i>	15.93	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-10.84	
26 05 36 00-0775 LF 24" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	126.92	8.26
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.35	
<i>For Class 12C Instead Of Class 12B, Add</i>	17.65	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.00	
26 05 36 00-0776 LF 30" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	136.06	9.12
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	6.80	
<i>For Class 12C Instead Of Class 12B, Add</i>	18.89	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.85	
26 05 36 00-0777 LF 36" Aluminum Cable Tray, 12" Rung Spacing, Straight Section	143.59	9.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	7.18	
<i>For Class 12C Instead Of Class 12B, Add</i>	19.89	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.54	
26 05 36 00-0778 18" Rung Spacing <small>(26 05 36 00-0745)</small>		
26 05 36 00-0779 LF 6" Aluminum Cable Tray, 18" Rung Spacing, Straight Section	103.16	6.85
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	5.16	
<i>For Class 12C Instead Of Class 12B, Add</i>	14.33	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-9.74	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-0780	LF 9" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	102.53 5.13 14.19 -9.66	7.17
26 05 36 00-0781	LF 12" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	108.25 5.41 15.00 -10.21	7.39
26 05 36 00-0782	LF 18" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	114.09 5.70 15.81 -10.76	7.82
26 05 36 00-0783	LF 24" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	122.11 6.11 17.00 -11.55	7.93
26 05 36 00-0784	LF 30" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	126.96 6.35 17.60 -11.98	8.69
26 05 36 00-0785	LF 36" Aluminum Cable Tray, 18" Rung Spacing, Straight Section <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For Class 12C Instead Of Class 12B, Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	133.55 6.68 18.45 -12.57	9.45
26 05 36 00-0786	4" Rung Tray Fittings (26 05 36 00-0744)		
26 05 36 00-0787	90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-0786)		
26 05 36 00-0788	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	325.21 16.26 -23.44	108.96
26 05 36 00-0789	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	354.15 17.71 -25.07	124.06
26 05 36 00-0790	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	403.19 20.16 -28.89	137.20
26 05 36 00-0791	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	476.69 23.83 -33.66	168.15
26 05 36 00-0792	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	565.48 28.27 -40.46	193.04
26 05 36 00-0793	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	620.36 31.02 -43.93	217.26
26 05 36 00-0794	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	726.68 36.33 -51.98	248.32
26 05 36 00-0795	90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-0786)		
26 05 36 00-0796	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	443.49 22.17 -34.91	113.30
26 05 36 00-0797	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	482.63 24.13 -37.41	130.24
26 05 36 00-0798	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	519.68 25.98 -39.90	144.80
26 05 36 00-0799	EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	601.67 30.08 -45.18	179.89
26 05 36 00-0800	EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	678.74 33.94 -50.49	208.67
26 05 36 00-0801	EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	756.66 37.83 -55.93	236.81
26 05 36 00-0802	EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	864.60 43.23 -63.60	274.29
26 05 36 00-0803	90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-0786)		
26 05 36 00-0804	EA 6" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	477.46 23.87 -37.88	118.40
26 05 36 00-0805	EA 9" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	515.77 25.79 -40.16	137.09
26 05 36 00-0806	EA 12" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	575.83 28.79 -44.80	153.39

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0807 EA 18" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	681.88	193.04
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.09	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-52.10	
26 05 36 00-0808 EA 24" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	785.12	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.26	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.63	
26 05 36 00-0809 EA 30" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	881.93	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.47	
26 05 36 00-0810 EA 36" Horizontal 90 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,023.37	306.34
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.81	
26 05 36 00-0811 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0812 EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	226.15	78.97
<i>For 60 Degree Bend, Deduct</i>	-44.37	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.31	
<i>For 30 Degree Bend, Deduct</i>	-78.33	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.04	
26 05 36 00-0813 EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	256.02	94.72
<i>For 60 Degree Bend, Deduct</i>	-48.19	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.80	
<i>For 30 Degree Bend, Deduct</i>	-85.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.71	
26 05 36 00-0814 EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	282.90	108.63
<i>For 60 Degree Bend, Deduct</i>	-51.72	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.15	
<i>For 30 Degree Bend, Deduct</i>	-92.23	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.24	
26 05 36 00-0815 EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	348.82	137.31
<i>For 60 Degree Bend, Deduct</i>	-62.49	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.44	
<i>For 30 Degree Bend, Deduct</i>	-111.78	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.44	
26 05 36 00-0816 EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	429.40	168.15
<i>For 60 Degree Bend, Deduct</i>	-77.24	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.47	
<i>For 30 Degree Bend, Deduct</i>	-138.08	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.93	
26 05 36 00-0817 EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	492.73	193.04
<i>For 60 Degree Bend, Deduct</i>	-88.60	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.64	
<i>For 30 Degree Bend, Deduct</i>	-158.39	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.19	
26 05 36 00-0818 EA 36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	555.95	226.60
<i>For 60 Degree Bend, Deduct</i>	-96.59	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.80	
<i>For 30 Degree Bend, Deduct</i>	-173.57	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.71	
26 05 36 00-0819 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0820 EA 6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	263.03	81.47
<i>For 60 Degree Bend, Deduct</i>	-55.59	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.15	
<i>For 30 Degree Bend, Deduct</i>	-97.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.52	
26 05 36 00-0821 EA 9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	305.56	98.20
<i>For 60 Degree Bend, Deduct</i>	-63.19	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.28	
<i>For 30 Degree Bend, Deduct</i>	-110.77	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.37	
26 05 36 00-0822 EA 12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	334.49	113.41
<i>For 60 Degree Bend, Deduct</i>	-66.91	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.72	
<i>For 30 Degree Bend, Deduct</i>	-117.82	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.00	
26 05 36 00-0823 EA 18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	397.82	144.80
<i>For 60 Degree Bend, Deduct</i>	-75.76	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.89	
<i>For 30 Degree Bend, Deduct</i>	-134.31	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.71	
26 05 36 00-0824 EA 24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	481.63	179.89
<i>For 60 Degree Bend, Deduct</i>	-90.00	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.08	
<i>For 30 Degree Bend, Deduct</i>	-159.98	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.18	
26 05 36 00-0825 EA 30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	565.98	208.67
<i>For 60 Degree Bend, Deduct</i>	-106.80	
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.30	
<i>For 30 Degree Bend, Deduct</i>	-189.59	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.21	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0826	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	643.15	248.43
			<i>For 60 Degree Bend, Deduct</i>	-117.02	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.16	
			<i>For 30 Degree Bend, Deduct</i>	-208.84	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.62	
26 05 36 00-0827			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0786)</small>		
26 05 36 00-0828	EA		6" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	311.03	84.08
			<i>For 60 Degree Bend, Deduct</i>	-70.43	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.55	
			<i>For 30 Degree Bend, Deduct</i>	-122.05	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.10	
26 05 36 00-0829	EA		9" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	344.76	102.11
			<i>For 60 Degree Bend, Deduct</i>	-74.63	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.24	
			<i>For 30 Degree Bend, Deduct</i>	-130.06	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.97	
26 05 36 00-0830	EA		12" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	375.75	118.51
			<i>For 60 Degree Bend, Deduct</i>	-78.57	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.79	
			<i>For 30 Degree Bend, Deduct</i>	-137.53	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.70	
26 05 36 00-0831	EA		18" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	452.15	153.39
			<i>For 60 Degree Bend, Deduct</i>	-90.39	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.61	
			<i>For 30 Degree Bend, Deduct</i>	-159.18	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.43	
26 05 36 00-0832	EA		24" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	561.84	193.04
			<i>For 60 Degree Bend, Deduct</i>	-111.40	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.09	
			<i>For 30 Degree Bend, Deduct</i>	-196.40	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.10	
26 05 36 00-0833	EA		30" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	632.34	226.60
			<i>For 60 Degree Bend, Deduct</i>	-121.80	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.62	
			<i>For 30 Degree Bend, Deduct</i>	-215.59	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.35	
26 05 36 00-0834	EA		36" Horizontal 45 Degree Elbow, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	737.28	274.29
			<i>For 60 Degree Bend, Deduct</i>	-138.15	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.86	
			<i>For 30 Degree Bend, Deduct</i>	-245.49	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.87	
26 05 36 00-0835			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-0786)</small>		
26 05 36 00-0836	EA		6" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	359.68	108.63
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.98	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.92	
26 05 36 00-0837	EA		9" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	395.21	124.06
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.76	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.18	
26 05 36 00-0838	EA		12" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	420.21	137.20
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.01	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.59	
26 05 36 00-0839	EA		18" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	478.38	168.15
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.92	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.83	
26 05 36 00-0840	EA		24" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	529.62	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.48	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.87	
26 05 36 00-0841	EA		30" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	579.70	217.26
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.99	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.87	
26 05 36 00-0842	EA		36" Vertical Riser 90 Degree, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	637.45	248.00
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.87	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.08	
26 05 36 00-0843			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-0786)</small>		
26 05 36 00-0844	EA		6" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	382.11	113.30
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.11	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.77	
26 05 36 00-0845	EA		9" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	418.63	130.35
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.00	
26 05 36 00-0846	EA		12" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	447.64	144.80
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.69	
26 05 36 00-0847	EA		18" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	517.36	179.89
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.87	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.75	
26 05 36 00-0848	EA		24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	578.32	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.92	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0849 EA 30" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	638.31	236.81
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.92	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.10	
26 05 36 00-0850 EA 36" Vertical Riser 90 Degree, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	717.02	274.29
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.85	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.84	
26 05 36 00-0851 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-0786)</small>		
26 05 36 00-0852 EA 6" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	496.17	118.40
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.81	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.75	
26 05 36 00-0853 EA 9" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	533.89	137.20
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.96	
26 05 36 00-0854 EA 12" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	580.50	153.39
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.03	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.26	
26 05 36 00-0855 EA 18" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	659.54	193.04
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.98	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.87	
26 05 36 00-0856 EA 24" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	728.48	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.42	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.96	
26 05 36 00-0857 EA 30" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	811.26	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.56	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.40	
26 05 36 00-0858 EA 36" Vertical Riser 90 Degree, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	903.46	306.34
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.82	
26 05 36 00-0859 12" Radius Horizontal Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0860 EA 6" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	553.76	208.67
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.99	
26 05 36 00-0861 EA 9" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	597.26	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.86	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.84	
26 05 36 00-0862 EA 12" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	617.65	236.81
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.88	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.03	
26 05 36 00-0863 EA 18" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	701.35	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.07	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.41	
26 05 36 00-0864 EA 24" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	776.24	289.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.81	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.51	
26 05 36 00-0865 EA 30" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	852.58	306.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.63	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.69	
26 05 36 00-0866 EA 36" Horizontal Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	987.76	347.40
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.39	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.82	
26 05 36 00-0867 24" Radius Horizontal Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0868 EA 6" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	729.00	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.45	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.01	
26 05 36 00-0869 EA 9" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	785.53	248.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.28	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.85	
26 05 36 00-0870 EA 12" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	816.20	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.81	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.89	
26 05 36 00-0871 EA 18" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	897.83	289.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.89	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.66	
26 05 36 00-0872 EA 24" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	995.76	325.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.79	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.42	
26 05 36 00-0873 EA 30" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,075.58	347.40
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.78	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.61	
26 05 36 00-0874 EA 36" Horizontal Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,428.90	401.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	71.45	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.45	
26 05 36 00-0875 36" Radius Horizontal Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0876 EA 6" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	910.51	248.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.53	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-70.35	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0877	EA		9" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	967.23	274.29
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.36	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-73.86	
26 05 36 00-0878	EA		12" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,039.70	289.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.99	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.85	
26 05 36 00-0879	EA		18" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,130.87	325.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.54	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.93	
26 05 36 00-0880	EA		24" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,268.56	372.06
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.43	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.85	
26 05 36 00-0881	EA		30" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,489.70	401.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.49	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-115.53	
26 05 36 00-0882	EA		36" Horizontal Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,701.45	473.62
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	85.07	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-130.67	
26 05 36 00-0883			12" Radius Vertical Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0884	EA		6" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	784.51	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.23	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.36	
26 05 36 00-0885	EA		9" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	810.70	200.63
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.54	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.35	
26 05 36 00-0886	EA		12" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	827.36	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.37	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-65.35	
26 05 36 00-0887	EA		18" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	867.49	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.37	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.86	
26 05 36 00-0888	EA		24" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	925.03	236.81
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.77	
26 05 36 00-0889	EA		30" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	974.95	260.71
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.75	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.77	
26 05 36 00-0890	EA		36" Vertical Tee, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,039.70	289.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.99	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.85	
26 05 36 00-0891			24" Radius Vertical Tees <small>(26 05 36 00-0786)</small>		
26 05 36 00-0892	EA		6" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,131.36	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.57	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-95.75	
26 05 36 00-0893	EA		9" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,155.86	217.26
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	57.79	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.48	
26 05 36 00-0894	EA		12" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,181.62	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	59.08	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.28	
26 05 36 00-0895	EA		18" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,241.53	248.43
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.08	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.45	
26 05 36 00-0896	EA		24" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,282.33	260.71
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	64.12	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-106.51	
26 05 36 00-0897	EA		30" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,350.46	289.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	67.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-110.93	
26 05 36 00-0898	EA		36" Vertical Tee, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,488.91	325.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.45	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.73	
26 05 36 00-0899			36" Radius Vertical Tee <small>(26 05 36 00-0786)</small>		
26 05 36 00-0900	EA		6" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,868.49	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	93.42	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-167.96	
26 05 36 00-0901	EA		9" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,904.85	236.81
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	95.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-170.75	
26 05 36 00-0902	EA		12" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,943.47	248.43
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	97.17	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-173.65	
26 05 36 00-0903	EA		18" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,006.06	274.29
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	100.30	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-177.75	
26 05 36 00-0904	EA		24" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,050.60	289.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	102.53	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-180.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0905 EA 30" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,169.43	325.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	108.47	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-189.79	
26 05 36 00-0906 EA 36" Vertical Tee, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,265.68	372.06
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	113.28	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-195.57	
26 05 36 00-0907 12" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0908 EA 6" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	721.62	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.08	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.44	
26 05 36 00-0909 EA 9" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	774.70	274.29
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.74	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.61	
26 05 36 00-0910 EA 12" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	803.26	289.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.16	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.21	
26 05 36 00-0911 EA 18" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	899.87	306.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.99	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.42	
26 05 36 00-0912 EA 24" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	981.00	347.40
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.05	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.15	
26 05 36 00-0913 EA 30" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,092.92	372.06
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.65	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.29	
26 05 36 00-0914 EA 36" Horizontal Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,260.01	401.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.00	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.56	
26 05 36 00-0915 24" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0916 EA 6" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,032.95	289.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.65	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.18	
26 05 36 00-0917 EA 9" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,078.89	306.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.94	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.32	
26 05 36 00-0918 EA 12" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,127.49	325.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.37	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.59	
26 05 36 00-0919 EA 18" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,193.80	347.40
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	59.69	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.43	
26 05 36 00-0920 EA 24" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,337.70	401.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	66.89	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.33	
26 05 36 00-0921 EA 30" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,451.61	434.51
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	72.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-108.95	
26 05 36 00-0922 EA 36" Horizontal Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,609.52	473.62
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	80.48	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.48	
26 05 36 00-0923 36" Radius Horizontal Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0924 EA 6" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,191.67	325.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	59.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.01	
26 05 36 00-0925 EA 9" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,265.30	347.40
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.27	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-97.58	
26 05 36 00-0926 EA 12" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,347.45	372.06
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	67.37	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.74	
26 05 36 00-0927 EA 18" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,432.27	401.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	71.61	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.78	
26 05 36 00-0928 EA 24" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,735.22	473.62
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	86.76	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-134.05	
26 05 36 00-0929 EA 30" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,914.75	520.54
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	95.74	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-148.09	
26 05 36 00-0930 EA 36" Horizontal Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,131.77	579.86
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	106.59	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-164.86	
26 05 36 00-0931 12" Radius Vertical Cross <small>(26 05 36 00-0786)</small>		
26 05 36 00-0932 EA 6" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	721.62	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.08	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.44	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0933	EA		9" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	774.86	274.40
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.74	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.62	
26 05 36 00-0934	EA		12" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	803.17	289.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.20	
26 05 36 00-0935	EA		18" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	900.06	306.99
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.00	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.43	
26 05 36 00-0936	EA		24" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	981.00	347.40
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.05	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.15	
26 05 36 00-0937	EA		30" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,093.20	372.16
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.66	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.30	
26 05 36 00-0938	EA		36" Vertical Cross, 4" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,259.18	400.84
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.96	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.51	
26 05 36 00-0939			24" Radius Vertical Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0940	EA		6" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,032.95	289.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.65	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.18	
26 05 36 00-0941	EA		9" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,078.89	306.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	53.94	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-82.32	
26 05 36 00-0942	EA		12" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,127.49	325.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.37	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-85.59	
26 05 36 00-0943	EA		18" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,193.80	347.40
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	59.69	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.43	
26 05 36 00-0944	EA		24" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,337.70	401.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	66.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-100.33	
26 05 36 00-0945	EA		30" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,440.28	434.51
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	72.01	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-107.82	
26 05 36 00-0946	EA		36" Vertical Cross, 4" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,596.74	473.62
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	79.84	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-120.20	
26 05 36 00-0947			36" Radius Vertical Crosses <small>(26 05 36 00-0786)</small>		
26 05 36 00-0948	EA		6" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,483.51	325.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.18	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-121.19	
26 05 36 00-0949	EA		9" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,558.60	347.40
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	77.93	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-126.91	
26 05 36 00-0950	EA		12" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,658.35	372.06
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	82.92	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-134.83	
26 05 36 00-0951	EA		18" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,775.79	401.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	88.79	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-144.13	
26 05 36 00-0952	EA		24" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,160.82	473.62
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	108.04	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-176.61	
26 05 36 00-0953	EA		30" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,385.94	520.54
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	119.30	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-195.21	
26 05 36 00-0954	EA		36" Vertical Cross, 4" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,656.17	579.86
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	132.81	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-217.30	
26 05 36 00-0955			6" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-0956			90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0957	EA		6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	304.69	108.96
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.23	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.39	
26 05 36 00-0958	EA		9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	333.11	124.06
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.66	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.97	
26 05 36 00-0959	EA		12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	378.25	137.20
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.91	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.40	
26 05 36 00-0960	EA		18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	448.63	168.15
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.43	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.85	
26 05 36 00-0961	EA		24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	530.66	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.53	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0962 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	583.46	217.26
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.17	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.24	
26 05 36 00-0963 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	681.99	248.32
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.51	
26 05 36 00-0964 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0965 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	407.12	113.30
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.36	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.27	
26 05 36 00-0966 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	444.70	130.24
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.24	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.62	
26 05 36 00-0967 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	479.92	144.80
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.00	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.92	
26 05 36 00-0968 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	558.54	179.89
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.93	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.87	
26 05 36 00-0969 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	631.45	208.67
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.57	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.76	
26 05 36 00-0970 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	704.95	236.81
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.25	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-50.76	
26 05 36 00-0971 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	806.40	274.29
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.32	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.78	
26 05 36 00-0972 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0973 EA 6" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	437.45	118.40
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.87	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.88	
26 05 36 00-0974 EA 9" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	474.72	137.09
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.74	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.05	
26 05 36 00-0975 EA 12" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	530.10	153.39
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.51	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.22	
26 05 36 00-0976 EA 18" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	630.44	193.04
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.52	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.96	
26 05 36 00-0977 EA 24" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	726.92	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.35	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.81	
26 05 36 00-0978 EA 30" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	818.02	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.90	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.08	
26 05 36 00-0979 EA 36" Horizontal 90 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	950.10	306.34
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.51	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.49	
26 05 36 00-0980 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-0955)</small>		
26 05 36 00-0981 EA 6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	212.64	78.97
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	10.63	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.69	
<i>For 60 Degree Bend, Deduct</i>	-39.91	
<i>For 30 Degree Bend, Deduct</i>	-70.90	
26 05 36 00-0982 EA 9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	241.98	94.72
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.10	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.31	
<i>For 60 Degree Bend, Deduct</i>	-43.56	
<i>For 30 Degree Bend, Deduct</i>	-77.86	
26 05 36 00-0983 EA 12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	268.35	108.63
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.42	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.78	
<i>For 60 Degree Bend, Deduct</i>	-46.91	
<i>For 30 Degree Bend, Deduct</i>	-84.23	
26 05 36 00-0984 EA 18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	331.67	137.31
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.58	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.73	
<i>For 60 Degree Bend, Deduct</i>	-56.83	
<i>For 30 Degree Bend, Deduct</i>	-102.35	
26 05 36 00-0985 EA 24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	408.10	168.15
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.41	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.80	
<i>For 60 Degree Bend, Deduct</i>	-70.21	
<i>For 30 Degree Bend, Deduct</i>	-126.36	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-0986	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	468.30	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.42	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.74	
			<i>For 60 Degree Bend, Deduct</i>	-80.53	
			<i>For 30 Degree Bend, Deduct</i>	-144.95	
26 05 36 00-0987	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	530.49	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.16	
			<i>For 60 Degree Bend, Deduct</i>	-88.19	
			<i>For 30 Degree Bend, Deduct</i>	-159.57	
26 05 36 00-0988			45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-0985)</small>		
26 05 36 00-0989	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	244.84	81.47
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.24	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-17.70	
			<i>For 60 Degree Bend, Deduct</i>	-49.58	
			<i>For 30 Degree Bend, Deduct</i>	-87.16	
26 05 36 00-0990	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	285.29	98.20
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.26	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.34	
			<i>For 60 Degree Bend, Deduct</i>	-56.50	
			<i>For 30 Degree Bend, Deduct</i>	-99.62	
26 05 36 00-0991	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	313.71	113.41
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.69	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.92	
			<i>For 60 Degree Bend, Deduct</i>	-60.06	
			<i>For 30 Degree Bend, Deduct</i>	-106.39	
26 05 36 00-0992	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	375.47	144.80
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.77	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.48	
			<i>For 60 Degree Bend, Deduct</i>	-68.38	
			<i>For 30 Degree Bend, Deduct</i>	-122.02	
26 05 36 00-0993	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	455.65	179.89
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.78	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.58	
			<i>For 60 Degree Bend, Deduct</i>	-81.42	
			<i>For 30 Degree Bend, Deduct</i>	-145.70	
26 05 36 00-0994	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	534.80	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.74	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.09	
			<i>For 60 Degree Bend, Deduct</i>	-96.51	
			<i>For 30 Degree Bend, Deduct</i>	-172.44	
26 05 36 00-0995	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	610.41	248.43
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.34	
			<i>For 60 Degree Bend, Deduct</i>	-106.22	
			<i>For 30 Degree Bend, Deduct</i>	-190.83	
26 05 36 00-0996			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-0995)</small>		
26 05 36 00-0997	EA		6" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	286.60	84.08
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.33	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-21.66	
			<i>For 60 Degree Bend, Deduct</i>	-62.36	
			<i>For 30 Degree Bend, Deduct</i>	-108.61	
26 05 36 00-0998	EA		9" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	319.82	102.11
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.99	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.47	
			<i>For 60 Degree Bend, Deduct</i>	-66.40	
			<i>For 30 Degree Bend, Deduct</i>	-116.35	
26 05 36 00-0999	EA		12" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	350.29	118.51
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.51	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.15	
			<i>For 60 Degree Bend, Deduct</i>	-70.17	
			<i>For 30 Degree Bend, Deduct</i>	-123.53	
26 05 36 00-1000	EA		18" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	424.09	153.39
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.20	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-29.62	
			<i>For 60 Degree Bend, Deduct</i>	-81.13	
			<i>For 30 Degree Bend, Deduct</i>	-143.75	
26 05 36 00-1001	EA		24" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	527.54	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.67	
			<i>For 60 Degree Bend, Deduct</i>	-100.08	
			<i>For 30 Degree Bend, Deduct</i>	-177.53	
26 05 36 00-1002	EA		30" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	595.97	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.80	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.71	
			<i>For 60 Degree Bend, Deduct</i>	-109.80	
			<i>For 30 Degree Bend, Deduct</i>	-195.59	
26 05 36 00-1003	EA		36" Horizontal 45 Degree Elbow, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	697.27	274.29
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.86	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.87	
			<i>For 60 Degree Bend, Deduct</i>	-124.95	
			<i>For 30 Degree Bend, Deduct</i>	-223.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1004 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-0955)</small>		
26 05 36 00-1005 EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	345.39	108.63
For 6" Overall Height Instead Of 4-5/8", Add	17.27	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.49	
26 05 36 00-1006 EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	380.14	124.06
For 6" Overall Height Instead Of 4-5/8", Add	19.01	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.67	
26 05 36 00-1007 EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	404.88	137.20
For 6" Overall Height Instead Of 4-5/8", Add	20.24	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.06	
26 05 36 00-1008 EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	462.53	168.15
For 6" Overall Height Instead Of 4-5/8", Add	23.13	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.24	
26 05 36 00-1009 EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	512.99	193.04
For 6" Overall Height Instead Of 4-5/8", Add	25.65	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.21	
26 05 36 00-1010 EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	562.29	217.26
For 6" Overall Height Instead Of 4-5/8", Add	28.11	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.12	
26 05 36 00-1011 EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	619.52	248.00
For 6" Overall Height Instead Of 4-5/8", Add	30.98	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.28	
26 05 36 00-1012 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-0955)</small>		
26 05 36 00-1013 EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	366.65	113.30
For 6" Overall Height Instead Of 4-5/8", Add	18.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.22	
26 05 36 00-1014 EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	402.52	130.35
For 6" Overall Height Instead Of 4-5/8", Add	20.13	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.39	
26 05 36 00-1015 EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	431.14	144.80
For 6" Overall Height Instead Of 4-5/8", Add	21.56	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.04	
26 05 36 00-1016 EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	499.95	179.89
For 6" Overall Height Instead Of 4-5/8", Add	25.00	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.01	
26 05 36 00-1017 EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	559.87	208.67
For 6" Overall Height Instead Of 4-5/8", Add	27.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.60	
26 05 36 00-1018 EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	618.82	236.81
For 6" Overall Height Instead Of 4-5/8", Add	30.94	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.15	
26 05 36 00-1019 EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	696.23	274.29
For 6" Overall Height Instead Of 4-5/8", Add	34.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.76	
26 05 36 00-1020 90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-0955)</small>		
26 05 36 00-1021 EA 6" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	472.27	118.40
For 6" Overall Height Instead Of 4-5/8", Add	23.61	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.36	
26 05 36 00-1022 EA 9" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	509.46	137.20
For 6" Overall Height Instead Of 4-5/8", Add	25.47	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.52	
26 05 36 00-1023 EA 12" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	554.52	153.39
For 6" Overall Height Instead Of 4-5/8", Add	27.73	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.67	
26 05 36 00-1024 EA 18" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	632.51	193.04
For 6" Overall Height Instead Of 4-5/8", Add	31.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-47.16	
26 05 36 00-1025 EA 24" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	700.42	226.60
For 6" Overall Height Instead Of 4-5/8", Add	35.02	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.16	
26 05 36 00-1026 EA 30" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	781.12	260.71
For 6" Overall Height Instead Of 4-5/8", Add	39.06	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.39	
26 05 36 00-1027 EA 36" Vertical Riser 90 Degree, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	872.02	306.34
For 6" Overall Height Instead Of 4-5/8", Add	43.60	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.68	
26 05 36 00-1028 12" Radius Horizontal Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1029 EA 6" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	537.91	208.67
For 6" Overall Height Instead Of 4-5/8", Add	26.90	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.41	
26 05 36 00-1030 EA 9" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	580.38	226.60
For 6" Overall Height Instead Of 4-5/8", Add	29.02	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.15	
26 05 36 00-1031 EA 12" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	600.50	236.81
For 6" Overall Height Instead Of 4-5/8", Add	30.03	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-40.31	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1032	EA	18" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	680.83	260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.04	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.36	
26 05 36 00-1033	EA	24" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	753.63	289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.68	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.24	
26 05 36 00-1034	EA	30" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	826.34	306.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.32	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.06	
26 05 36 00-1035	EA	36" Horizontal Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	956.32	347.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.82	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.68	
26 05 36 00-1036		24" Radius Horizontal Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1037	EA	6" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	701.98	226.60
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.10	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.31	
26 05 36 00-1038	EA	9" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	756.95	248.43
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.85	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.00	
26 05 36 00-1039	EA	12" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	786.84	260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.34	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.96	
26 05 36 00-1040	EA	18" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	865.88	289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.29	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.47	
26 05 36 00-1041	EA	24" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	960.94	325.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.05	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.94	
26 05 36 00-1042	EA	30" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,037.39	347.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	51.87	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-74.79	
26 05 36 00-1043	EA	36" Horizontal Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,370.44	401.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	68.52	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-103.60	
26 05 36 00-1044		36" Radius Horizontal Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1045	EA	6" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	872.32	248.43
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.62	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.53	
26 05 36 00-1046	EA	9" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	928.00	274.29
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.40	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.94	
26 05 36 00-1047	EA	12" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	996.83	289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.84	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.56	
26 05 36 00-1048	EA	18" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,085.66	325.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.28	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-81.41	
26 05 36 00-1049	EA	24" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,218.67	372.06
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	60.93	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.87	
26 05 36 00-1050	EA	30" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,426.56	401.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	71.33	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.21	
26 05 36 00-1051	EA	36" Horizontal Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,631.29	473.62
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	81.56	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.66	
26 05 36 00-1052		12" Radius Vertical Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1053	EA	6" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	748.92	193.04
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.45	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.80	
26 05 36 00-1054	EA	9" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	774.07	200.63
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.70	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.69	
26 05 36 00-1055	EA	12" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	790.47	208.67
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.52	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.66	
26 05 36 00-1056	EA	18" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	829.81	226.60
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.49	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-64.10	
26 05 36 00-1057	EA	24" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	884.24	236.81
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.21	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-68.69	
26 05 36 00-1058	EA	30" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	933.38	260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	46.67	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-71.61	
26 05 36 00-1059	EA	36" Vertical Tee, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	996.83	289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.84	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-75.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1060 24" Radius Vertical Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1061 EA 6" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,071.08	208.67
For 6" Overall Height Instead Of 4-5/8", Add	53.55	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-89.72	
26 05 36 00-1062 EA 9" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,094.81	217.26
For 6" Overall Height Instead Of 4-5/8", Add	54.74	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.38	
26 05 36 00-1063 EA 12" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,119.78	226.60
For 6" Overall Height Instead Of 4-5/8", Add	55.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-93.09	
26 05 36 00-1064 EA 18" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,177.87	248.43
For 6" Overall Height Instead Of 4-5/8", Add	58.89	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-97.09	
26 05 36 00-1065 EA 24" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,217.11	260.71
For 6" Overall Height Instead Of 4-5/8", Add	60.86	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-99.99	
26 05 36 00-1066 EA 30" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,283.68	289.38
For 6" Overall Height Instead Of 4-5/8", Add	64.18	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.25	
26 05 36 00-1067 EA 36" Vertical Tee, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,416.16	325.88
For 6" Overall Height Instead Of 4-5/8", Add	70.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-114.46	
26 05 36 00-1068 36" Radius Vertical Tees <small>(26 05 36 00-0955)</small>		
26 05 36 00-1069 EA 6" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,753.81	226.60
For 6" Overall Height Instead Of 4-5/8", Add	87.69	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-156.50	
26 05 36 00-1070 EA 9" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,788.69	236.81
For 6" Overall Height Instead Of 4-5/8", Add	89.43	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-159.13	
26 05 36 00-1071 EA 12" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,825.81	248.43
For 6" Overall Height Instead Of 4-5/8", Add	91.29	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-161.88	
26 05 36 00-1072 EA 18" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,886.92	274.29
For 6" Overall Height Instead Of 4-5/8", Add	94.35	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-165.83	
26 05 36 00-1073 EA 24" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,929.97	289.38
For 6" Overall Height Instead Of 4-5/8", Add	96.50	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-168.88	
26 05 36 00-1074 EA 30" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,044.33	325.88
For 6" Overall Height Instead Of 4-5/8", Add	102.22	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-177.28	
26 05 36 00-1075 EA 36" Vertical Tee, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,139.09	372.06
For 6" Overall Height Instead Of 4-5/8", Add	106.95	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-182.91	
26 05 36 00-1076 12" Radius Horizontal Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1077 EA 6" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	699.53	260.71
For 6" Overall Height Instead Of 4-5/8", Add	34.98	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.23	
26 05 36 00-1078 EA 9" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	750.28	274.29
For 6" Overall Height Instead Of 4-5/8", Add	37.51	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.17	
26 05 36 00-1079 EA 12" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	778.57	289.38
For 6" Overall Height Instead Of 4-5/8", Add	38.93	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-53.74	
26 05 36 00-1080 EA 18" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	869.99	306.88
For 6" Overall Height Instead Of 4-5/8", Add	43.50	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-61.43	
26 05 36 00-1081 EA 24" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	950.08	347.40
For 6" Overall Height Instead Of 4-5/8", Add	47.50	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.06	
26 05 36 00-1082 EA 30" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,056.54	372.06
For 6" Overall Height Instead Of 4-5/8", Add	52.83	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.65	
26 05 36 00-1083 EA 36" Horizontal Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray	1,214.54	401.38
For 6" Overall Height Instead Of 4-5/8", Add	60.73	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-88.01	
26 05 36 00-1084 24" Radius Horizontal Crosses <small>(26 05 36 00-0955)</small>		
26 05 36 00-1085 EA 6" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	990.59	289.38
For 6" Overall Height Instead Of 4-5/8", Add	49.53	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.94	
26 05 36 00-1086 EA 9" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,035.24	306.88
For 6" Overall Height Instead Of 4-5/8", Add	51.76	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.95	
26 05 36 00-1087 EA 12" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,082.54	325.88
For 6" Overall Height Instead Of 4-5/8", Add	54.13	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-81.10	
26 05 36 00-1088 EA 18" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,146.51	347.40
For 6" Overall Height Instead Of 4-5/8", Add	57.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-85.70	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1089	EA		24" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,286.25 64.31 -95.18	401.38
26 05 36 00-1090	EA		30" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,385.19 69.26 -102.31	434.51
26 05 36 00-1091	EA		36" Horizontal Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,534.64 76.73 -113.99	473.62
26 05 36 00-1092			36" Radius Horizontal Crosses (26 05 36 00-0955)		
26 05 36 00-1093	EA		6" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,141.78 57.09 -87.02	325.88
26 05 36 00-1094	EA		9" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,202.64 60.13 -91.31	347.40
26 05 36 00-1095	EA		12" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,281.03 64.05 -97.10	372.06
26 05 36 00-1096	EA		18" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,373.55 68.68 -103.91	401.38
26 05 36 00-1097	EA		24" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,662.47 83.12 -126.77	473.62
26 05 36 00-1098	EA		30" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,834.20 91.71 -140.04	520.54
26 05 36 00-1099	EA		36" Horizontal Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	2,042.13 102.11 -155.89	579.86
26 05 36 00-1100			12" Radius Vertical Crosses (26 05 36 00-0955)		
26 05 36 00-1101	EA		6" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	699.53 34.98 -48.23	260.71
26 05 36 00-1102	EA		9" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	750.44 37.52 -52.18	274.40
26 05 36 00-1103	EA		12" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	778.48 38.92 -53.73	289.38
26 05 36 00-1104	EA		18" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	870.18 43.51 -61.44	306.99
26 05 36 00-1105	EA		24" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	950.08 47.50 -66.06	347.40
26 05 36 00-1106	EA		30" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,056.82 52.84 -74.67	372.16
26 05 36 00-1107	EA		36" Vertical Cross, 6" Rung Spacing, 12" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,213.71 60.69 -87.97	400.84
26 05 36 00-1108			24" Radius Vertical Crosses (26 05 36 00-0955)		
26 05 36 00-1109	EA		6" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	990.59 49.53 -74.94	289.38
26 05 36 00-1110	EA		9" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,035.24 51.76 -77.95	306.88
26 05 36 00-1111	EA		12" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,082.54 54.13 -81.10	325.88
26 05 36 00-1112	EA		18" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,146.51 57.33 -85.70	347.40
26 05 36 00-1113	EA		24" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,286.25 64.31 -95.18	401.38
26 05 36 00-1114	EA		30" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,385.19 69.26 -102.31	434.51
26 05 36 00-1115	EA		36" Vertical Cross, 6" Rung Spacing, 24" Radius, Aluminum Cable Tray..... <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,534.64 76.73 -113.99	473.62
26 05 36 00-1116			36" Radius Vertical Crosses (26 05 36 00-0955)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1117 EA 6" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,411.17	325.88
For 6" Overall Height Instead Of 4-5/8", Add	70.56	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-113.96	
26 05 36 00-1118 EA 9" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,483.25	347.40
For 6" Overall Height Instead Of 4-5/8", Add	74.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-119.37	
26 05 36 00-1119 EA 12" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,578.48	372.06
For 6" Overall Height Instead Of 4-5/8", Add	78.92	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-126.85	
26 05 36 00-1120 EA 18" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,690.65	401.38
For 6" Overall Height Instead Of 4-5/8", Add	84.53	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-135.62	
26 05 36 00-1121 EA 24" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,055.33	473.62
For 6" Overall Height Instead Of 4-5/8", Add	102.77	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-166.06	
26 05 36 00-1122 EA 30" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,269.15	520.54
For 6" Overall Height Instead Of 4-5/8", Add	113.46	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-183.53	
26 05 36 00-1123 EA 36" Vertical Cross, 6" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,526.19	579.86
For 6" Overall Height Instead Of 4-5/8", Add	126.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-204.30	
26 05 36 00-1124 9" Rung Tray Fittings (26 05 36 00-0744)		
26 05 36 00-1125 90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1124)		
26 05 36 00-1126 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	284.16	108.96
For 6" Overall Height Instead Of 4-5/8", Add	14.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.34	
26 05 36 00-1127 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	312.06	124.06
For 6" Overall Height Instead Of 4-5/8", Add	15.60	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.86	
26 05 36 00-1128 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	353.31	137.20
For 6" Overall Height Instead Of 4-5/8", Add	17.67	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.90	
26 05 36 00-1129 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	420.57	168.15
For 6" Overall Height Instead Of 4-5/8", Add	21.03	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.04	
26 05 36 00-1130 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	495.84	193.04
For 6" Overall Height Instead Of 4-5/8", Add	24.79	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.50	
26 05 36 00-1131 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	546.57	217.26
For 6" Overall Height Instead Of 4-5/8", Add	27.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.55	
26 05 36 00-1132 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	637.30	248.32
For 6" Overall Height Instead Of 4-5/8", Add	31.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.04	
26 05 36 00-1133 90 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1124)		
26 05 36 00-1134 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	370.74	113.30
For 6" Overall Height Instead Of 4-5/8", Add	18.54	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.63	
26 05 36 00-1135 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	406.76	130.24
For 6" Overall Height Instead Of 4-5/8", Add	20.34	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.82	
26 05 36 00-1136 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	440.17	144.80
For 6" Overall Height Instead Of 4-5/8", Add	22.01	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.95	
26 05 36 00-1137 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	515.41	179.89
For 6" Overall Height Instead Of 4-5/8", Add	25.77	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-36.55	
26 05 36 00-1138 EA 24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	584.16	208.67
For 6" Overall Height Instead Of 4-5/8", Add	29.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.03	
26 05 36 00-1139 EA 30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	653.25	236.81
For 6" Overall Height Instead Of 4-5/8", Add	32.66	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-45.59	
26 05 36 00-1140 EA 36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	748.20	274.29
For 6" Overall Height Instead Of 4-5/8", Add	37.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-51.96	
26 05 36 00-1141 90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1124)		
26 05 36 00-1142 EA 6" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	397.44	118.40
For 6" Overall Height Instead Of 4-5/8", Add	19.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.88	
26 05 36 00-1143 EA 9" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	433.66	137.09
For 6" Overall Height Instead Of 4-5/8", Add	21.68	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.95	
26 05 36 00-1144 EA 12" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	484.37	153.39
For 6" Overall Height Instead Of 4-5/8", Add	24.22	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.65	
26 05 36 00-1145 EA 18" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	578.99	193.04
For 6" Overall Height Instead Of 4-5/8", Add	28.95	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.81	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1146	EA		24" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	668.72	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.44	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.99	
26 05 36 00-1147	EA		30" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	754.10	260.71
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.71	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.68	
26 05 36 00-1148	EA		36" Horizontal 90 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	876.83	306.34
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.84	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.16	
26 05 36 00-1149			45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1150	EA		6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	199.13	78.97
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.96	
			<i>For 30 Degree Bend, Deduct</i>	-63.47	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-13.33	
			<i>For 60 Degree Bend, Deduct</i>	-35.45	
26 05 36 00-1151	EA		9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	227.95	94.72
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.40	
			<i>For 30 Degree Bend, Deduct</i>	-70.14	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.91	
			<i>For 60 Degree Bend, Deduct</i>	-38.93	
26 05 36 00-1152	EA		12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	253.80	108.63
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.69	
			<i>For 30 Degree Bend, Deduct</i>	-76.22	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-16.33	
			<i>For 60 Degree Bend, Deduct</i>	-42.11	
26 05 36 00-1153	EA		18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	314.52	137.31
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.73	
			<i>For 30 Degree Bend, Deduct</i>	-92.91	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.01	
			<i>For 60 Degree Bend, Deduct</i>	-51.17	
26 05 36 00-1154	EA		24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	386.79	168.15
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.34	
			<i>For 30 Degree Bend, Deduct</i>	-114.64	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-24.67	
			<i>For 60 Degree Bend, Deduct</i>	-63.18	
26 05 36 00-1155	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	443.88	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.19	
			<i>For 30 Degree Bend, Deduct</i>	-131.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.30	
			<i>For 60 Degree Bend, Deduct</i>	-72.48	
26 05 36 00-1156	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	505.03	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.25	
			<i>For 30 Degree Bend, Deduct</i>	-145.57	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.62	
			<i>For 60 Degree Bend, Deduct</i>	-79.79	
26 05 36 00-1157			45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1158	EA		6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	226.65	81.47
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.33	
			<i>For 30 Degree Bend, Deduct</i>	-77.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.88	
			<i>For 60 Degree Bend, Deduct</i>	-43.58	
26 05 36 00-1159	EA		9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	265.02	98.20
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.25	
			<i>For 30 Degree Bend, Deduct</i>	-88.47	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.32	
			<i>For 60 Degree Bend, Deduct</i>	-49.81	
26 05 36 00-1160	EA		12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	292.92	113.41
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.65	
			<i>For 30 Degree Bend, Deduct</i>	-94.96	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.84	
			<i>For 60 Degree Bend, Deduct</i>	-53.20	
26 05 36 00-1161	EA		18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	353.13	144.80
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.66	
			<i>For 30 Degree Bend, Deduct</i>	-109.73	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.24	
			<i>For 60 Degree Bend, Deduct</i>	-61.01	
26 05 36 00-1162	EA		24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	429.66	179.89
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.48	
			<i>For 30 Degree Bend, Deduct</i>	-131.40	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.98	
			<i>For 60 Degree Bend, Deduct</i>	-72.85	
26 05 36 00-1163	EA		30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	503.62	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.18	
			<i>For 30 Degree Bend, Deduct</i>	-155.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-32.98	
			<i>For 60 Degree Bend, Deduct</i>	-86.22	
26 05 36 00-1164	EA		36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	577.67	248.43
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.88	
			<i>For 30 Degree Bend, Deduct</i>	-172.83	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.07	
			<i>For 60 Degree Bend, Deduct</i>	-95.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1165 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1124)</small>		
26 05 36 00-1166 EA 6" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	262.18	84.08
For 6" Overall Height Instead Of 4-5/8", Add	13.11	
For 30 Degree Bend, Deduct	-95.18	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.22	
For 60 Degree Bend, Deduct	-54.31	
26 05 36 00-1167 EA 9" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	294.88	102.11
For 6" Overall Height Instead Of 4-5/8", Add	14.74	
For 30 Degree Bend, Deduct	-102.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.98	
For 60 Degree Bend, Deduct	-58.17	
26 05 36 00-1168 EA 12" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	324.83	118.51
For 6" Overall Height Instead Of 4-5/8", Add	16.24	
For 30 Degree Bend, Deduct	-109.53	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.61	
For 60 Degree Bend, Deduct	-61.77	
26 05 36 00-1169 EA 18" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	396.03	153.39
For 6" Overall Height Instead Of 4-5/8", Add	19.80	
For 30 Degree Bend, Deduct	-128.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.82	
For 60 Degree Bend, Deduct	-71.87	
26 05 36 00-1170 EA 24" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	493.25	193.04
For 6" Overall Height Instead Of 4-5/8", Add	24.66	
For 30 Degree Bend, Deduct	-158.67	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-33.24	
For 60 Degree Bend, Deduct	-88.77	
26 05 36 00-1171 EA 30" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	559.59	226.60
For 6" Overall Height Instead Of 4-5/8", Add	27.98	
For 30 Degree Bend, Deduct	-175.58	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-37.07	
For 60 Degree Bend, Deduct	-97.79	
26 05 36 00-1172 EA 36" Horizontal 45 Degree Elbow, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	657.26	274.29
For 6" Overall Height Instead Of 4-5/8", Add	32.86	
For 30 Degree Bend, Deduct	-201.48	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-42.87	
For 60 Degree Bend, Deduct	-111.74	
26 05 36 00-1173 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1124)</small>		
26 05 36 00-1174 EA 6" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	323.96	108.63
For 6" Overall Height Instead Of 4-5/8", Add	16.20	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.34	
26 05 36 00-1175 EA 9" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	357.53	124.06
For 6" Overall Height Instead Of 4-5/8", Add	17.88	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.41	
26 05 36 00-1176 EA 12" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	381.89	137.20
For 6" Overall Height Instead Of 4-5/8", Add	19.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.76	
26 05 36 00-1177 EA 18" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	438.76	168.15
For 6" Overall Height Instead Of 4-5/8", Add	21.94	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-29.86	
26 05 36 00-1178 EA 24" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	488.05	193.04
For 6" Overall Height Instead Of 4-5/8", Add	24.40	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.72	
26 05 36 00-1179 EA 30" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	536.17	217.26
For 6" Overall Height Instead Of 4-5/8", Add	26.81	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.51	
26 05 36 00-1180 EA 36" Vertical Riser 90 Degree, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	592.63	248.00
For 6" Overall Height Instead Of 4-5/8", Add	29.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-38.60	
26 05 36 00-1181 90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1124)</small>		
26 05 36 00-1182 EA 6" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	343.46	113.30
For 6" Overall Height Instead Of 4-5/8", Add	17.17	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-24.90	
26 05 36 00-1183 EA 9" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	378.35	130.35
For 6" Overall Height Instead Of 4-5/8", Add	18.92	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-26.97	
26 05 36 00-1184 EA 12" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	406.39	144.80
For 6" Overall Height Instead Of 4-5/8", Add	20.32	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-28.57	
26 05 36 00-1185 EA 18" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	473.83	179.89
For 6" Overall Height Instead Of 4-5/8", Add	23.69	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.40	
26 05 36 00-1186 EA 24" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	532.20	208.67
For 6" Overall Height Instead Of 4-5/8", Add	26.61	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.83	
26 05 36 00-1187 EA 30" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	589.59	236.81
For 6" Overall Height Instead Of 4-5/8", Add	29.48	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-39.22	
26 05 36 00-1188 EA 36" Vertical Riser 90 Degree, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	665.05	274.29
For 6" Overall Height Instead Of 4-5/8", Add	33.25	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.65	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 36 00-1189		90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1124)</small>			
26 05 36 00-1190	EA	6" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	436.41		118.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.82		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.77		
26 05 36 00-1191	EA	9" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	472.83		137.20
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.64		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.85		
26 05 36 00-1192	EA	12" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	515.55		153.39
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.78		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-38.77		
26 05 36 00-1193	EA	18" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	591.98		193.04
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	29.60		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.11		
26 05 36 00-1194	EA	24" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	658.32		226.60
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.92		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.95		
26 05 36 00-1195	EA	30" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	735.91		260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.80		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.87		
26 05 36 00-1196	EA	36" Vertical Riser 90 Degree, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	824.86		306.34
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	41.24		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.96		
26 05 36 00-1197		12" Radius Horizontal Tees <small>(26 05 36 00-1124)</small>			
26 05 36 00-1198	EA	6" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	506.22		208.67
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.31		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.24		
26 05 36 00-1199	EA	9" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	546.60		226.60
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.33		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.77		
26 05 36 00-1200	EA	12" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	566.21		236.81
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.31		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.89		
26 05 36 00-1201	EA	18" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	639.77		260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.99		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-42.25		
26 05 36 00-1202	EA	24" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	708.42		289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.42		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-46.72		
26 05 36 00-1203	EA	30" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	773.86		306.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	38.69		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.81		
26 05 36 00-1204	EA	36" Horizontal Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray	893.44		347.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.67		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.39		
26 05 36 00-1205		24" Radius Horizontal Tees <small>(26 05 36 00-1124)</small>			
26 05 36 00-1206	EA	6" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	647.93		226.60
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.40		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.91		
26 05 36 00-1207	EA	9" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	699.79		248.43
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.99		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.28		
26 05 36 00-1208	EA	12" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	728.12		260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.41		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.09		
26 05 36 00-1209	EA	18" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	801.96		289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.10		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.08		
26 05 36 00-1210	EA	24" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	891.31		325.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.57		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-61.97		
26 05 36 00-1211	EA	30" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	961.00		347.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.05		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.15		
26 05 36 00-1212	EA	36" Horizontal Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,253.51		401.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.68		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.91		
26 05 36 00-1213		36" Radius Horizontal Tees <small>(26 05 36 00-1124)</small>			
26 05 36 00-1214	EA	6" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	795.93		248.43
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.80		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-58.89		
26 05 36 00-1215	EA	9" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	849.53		274.29
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.48		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-62.09		
26 05 36 00-1216	EA	12" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	911.09		289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.55		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.99		
26 05 36 00-1217	EA	18" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray	995.24		325.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.76		
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.37		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1218 EA 24" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,118.90	372.06
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	55.95	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.89	
26 05 36 00-1219 EA 30" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,300.28	401.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	65.01	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-96.58	
26 05 36 00-1220 EA 36" Horizontal Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,490.99	473.62
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	74.55	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-109.63	
26 05 36 00-1221 12" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1222 EA 6" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	677.72	193.04
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	33.89	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.68	
26 05 36 00-1223 EA 9" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	700.80	200.63
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.04	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.36	
26 05 36 00-1224 EA 12" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	716.68	208.67
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.83	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-54.28	
26 05 36 00-1225 EA 18" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	754.46	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.72	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-56.56	
26 05 36 00-1226 EA 24" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	802.65	236.81
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.13	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-60.53	
26 05 36 00-1227 EA 30" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	850.23	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.51	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-63.30	
26 05 36 00-1228 EA 36" Vertical Tee, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	911.09	289.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.55	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.99	
26 05 36 00-1229 24" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1230 EA 6" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	950.52	208.67
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.53	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.67	
26 05 36 00-1231 EA 9" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	972.69	217.26
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	48.63	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-79.16	
26 05 36 00-1232 EA 12" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	996.10	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.81	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.72	
26 05 36 00-1233 EA 18" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,050.56	248.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.53	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.36	
26 05 36 00-1234 EA 24" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,086.68	260.71
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.33	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.94	
26 05 36 00-1235 EA 30" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,150.13	289.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	57.51	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-90.89	
26 05 36 00-1236 EA 36" Vertical Tee, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,270.66	325.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.53	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-99.91	
26 05 36 00-1237 36" Radius Vertical Tees <small>(26 05 36 00-1124)</small>		
26 05 36 00-1238 EA 6" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,524.46	226.60
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	76.22	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-133.56	
26 05 36 00-1239 EA 9" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,556.36	236.81
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	77.82	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-135.90	
26 05 36 00-1240 EA 12" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,590.51	248.43
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	79.53	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-138.35	
26 05 36 00-1241 EA 18" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,648.63	274.29
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	82.43	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-142.00	
26 05 36 00-1242 EA 24" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,688.70	289.38
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	84.44	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-144.75	
26 05 36 00-1243 EA 30" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,794.13	325.88
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	89.71	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-152.26	
26 05 36 00-1244 EA 36" Vertical Tee, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,885.91	372.06
<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	94.30	
<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-157.59	
26 05 36 00-1245 12" Radius Horizontal Crosses <small>(26 05 36 00-1124)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1246	EA	6" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	655.36	260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.77	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.81	
26 05 36 00-1247	EA	9" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	701.43	274.29
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.07	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.28	
26 05 36 00-1248	EA	12" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	729.21	289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.46	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.80	
26 05 36 00-1249	EA	18" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	810.23	306.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.51	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.45	
26 05 36 00-1250	EA	24" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	888.25	347.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	44.41	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.87	
26 05 36 00-1251	EA	30" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	983.79	372.06
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.19	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-67.38	
26 05 36 00-1252	EA	36" Horizontal Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,123.60	401.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	56.18	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-78.92	
26 05 36 00-1253		24" Radius Horizontal Crosses (26 05 36 00-1124)		
26 05 36 00-1254	EA	6" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	905.89	289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	45.29	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-66.47	
26 05 36 00-1255	EA	9" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	947.94	306.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	47.40	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-69.22	
26 05 36 00-1256	EA	12" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	992.64	325.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	49.63	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-72.11	
26 05 36 00-1257	EA	18" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,051.94	347.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.60	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-76.24	
26 05 36 00-1258	EA	24" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,183.36	401.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	59.17	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-84.89	
26 05 36 00-1259	EA	30" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,275.03	434.51
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	63.75	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-91.29	
26 05 36 00-1260	EA	36" Horizontal Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,410.44	473.62
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	70.52	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-101.57	
26 05 36 00-1261		36" Radius Horizontal Crosses (26 05 36 00-1124)		
26 05 36 00-1262	EA	6" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,042.01	325.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	52.10	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-77.04	
26 05 36 00-1263	EA	9" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,098.71	347.40
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	54.94	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-80.92	
26 05 36 00-1264	EA	12" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,170.87	372.06
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	58.54	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-86.09	
26 05 36 00-1265	EA	18" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,256.11	401.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	62.81	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-92.17	
26 05 36 00-1266	EA	24" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,516.97	473.62
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	75.85	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-112.22	
26 05 36 00-1267	EA	30" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,673.11	520.54
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	83.66	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-123.93	
26 05 36 00-1268	EA	36" Horizontal Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,862.85	579.86
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	93.14	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-137.96	
26 05 36 00-1269		12" Radius Vertical Crosses (26 05 36 00-1124)		
26 05 36 00-1270	EA	6" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	655.36	260.71
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.77	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.81	
26 05 36 00-1271	EA	9" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	701.43	274.29
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.07	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-47.28	
26 05 36 00-1272	EA	12" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	729.21	289.38
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.46	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.80	
26 05 36 00-1273	EA	18" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	810.23	306.88
		<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	40.51	
		<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-55.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1274 EA 24" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	888.25	347.40
For 6" Overall Height Instead Of 4-5/8", Add	44.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.87	
26 05 36 00-1275 EA 30" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	983.79	372.06
For 6" Overall Height Instead Of 4-5/8", Add	49.19	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.38	
26 05 36 00-1276 EA 36" Vertical Cross, 9" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,121.96	400.30
For 6" Overall Height Instead Of 4-5/8", Add	56.10	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-78.83	
26 05 36 00-1277 24" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1278 EA 6" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	905.89	289.38
For 6" Overall Height Instead Of 4-5/8", Add	45.29	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-66.47	
26 05 36 00-1279 EA 9" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	947.94	306.88
For 6" Overall Height Instead Of 4-5/8", Add	47.40	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-69.22	
26 05 36 00-1280 EA 12" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	992.64	325.88
For 6" Overall Height Instead Of 4-5/8", Add	49.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.11	
26 05 36 00-1281 EA 18" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,051.94	347.40
For 6" Overall Height Instead Of 4-5/8", Add	52.60	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-76.24	
26 05 36 00-1282 EA 24" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,183.36	401.38
For 6" Overall Height Instead Of 4-5/8", Add	59.17	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-84.89	
26 05 36 00-1283 EA 30" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,275.03	434.51
For 6" Overall Height Instead Of 4-5/8", Add	63.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-91.29	
26 05 36 00-1284 EA 36" Vertical Cross, 9" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,410.44	473.62
For 6" Overall Height Instead Of 4-5/8", Add	70.52	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-101.57	
26 05 36 00-1285 36" Radius Vertical Crosses <small>(26 05 36 00-1124)</small>		
26 05 36 00-1286 EA 6" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,266.50	325.88
For 6" Overall Height Instead Of 4-5/8", Add	63.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-99.49	
26 05 36 00-1287 EA 9" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,332.55	347.40
For 6" Overall Height Instead Of 4-5/8", Add	66.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.30	
26 05 36 00-1288 EA 12" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,418.74	372.06
For 6" Overall Height Instead Of 4-5/8", Add	70.94	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-110.87	
26 05 36 00-1289 EA 18" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,520.36	401.38
For 6" Overall Height Instead Of 4-5/8", Add	76.02	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-118.59	
26 05 36 00-1290 EA 24" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,844.35	473.62
For 6" Overall Height Instead Of 4-5/8", Add	92.22	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-144.96	
26 05 36 00-1291 EA 30" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,035.57	520.54
For 6" Overall Height Instead Of 4-5/8", Add	101.78	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-160.18	
26 05 36 00-1292 EA 36" Vertical Cross, 9" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	2,266.23	579.86
For 6" Overall Height Instead Of 4-5/8", Add	113.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-178.30	
26 05 36 00-1293 12" Rung Tray Fittings <small>(26 05 36 00-0744)</small>		
26 05 36 00-1294 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1295 EA 6" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	276.98	108.96
For 6" Overall Height Instead Of 4-5/8", Add	13.85	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.62	
26 05 36 00-1296 EA 9" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	304.69	124.06
For 6" Overall Height Instead Of 4-5/8", Add	15.23	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.13	
26 05 36 00-1297 EA 12" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	344.58	137.20
For 6" Overall Height Instead Of 4-5/8", Add	17.23	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.03	
26 05 36 00-1298 EA 18" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	410.75	168.15
For 6" Overall Height Instead Of 4-5/8", Add	20.54	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.06	
26 05 36 00-1299 EA 24" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	483.66	193.04
For 6" Overall Height Instead Of 4-5/8", Add	24.18	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.28	
26 05 36 00-1300 EA 30" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	533.65	217.26
For 6" Overall Height Instead Of 4-5/8", Add	26.68	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.26	
26 05 36 00-1301 EA 36" Horizontal 90 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	621.66	248.32
For 6" Overall Height Instead Of 4-5/8", Add	31.08	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.47	
26 05 36 00-1302 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1303	EA	6"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	358.01	113.30
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.90	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.36	
26 05 36 00-1304	EA	9"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	393.49	130.24
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.49	
26 05 36 00-1305	EA	12"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	426.25	144.80
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.31	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.56	
26 05 36 00-1306	EA	18"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	500.31	179.89
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.02	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.04	
26 05 36 00-1307	EA	24"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	567.61	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-39.38	
26 05 36 00-1308	EA	30"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	635.15	236.81
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.76	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-43.78	
26 05 36 00-1309	EA	36"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	727.83	274.29
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.39	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.92	
26 05 36 00-1310			90 Degree, 36" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1311	EA	6"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	383.43	118.40
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.17	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.47	
26 05 36 00-1312	EA	9"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	419.30	137.09
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.97	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.51	
26 05 36 00-1313	EA	12"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	468.36	153.39
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.42	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.05	
26 05 36 00-1314	EA	18"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	560.98	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.05	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.01	
26 05 36 00-1315	EA	24"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	648.35	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.42	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-45.95	
26 05 36 00-1316	EA	30"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	731.73	260.71
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	36.59	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-51.45	
26 05 36 00-1317	EA	36"	Horizontal 90 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	851.18	306.34
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	42.56	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-59.59	
26 05 36 00-1318			45 Degree, 12" Radius Horizontal Elbows (26 05 36 00-1293)		
26 05 36 00-1319	EA	6"	Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	194.40	78.97
			<i>For 30 Degree Bend, Deduct</i>	-60.87	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	9.72	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-12.86	
			<i>For 60 Degree Bend, Deduct</i>	-33.89	
26 05 36 00-1320	EA	9"	Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	223.04	94.72
			<i>For 30 Degree Bend, Deduct</i>	-67.44	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	11.15	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-14.41	
			<i>For 60 Degree Bend, Deduct</i>	-37.31	
26 05 36 00-1321	EA	12"	Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	248.71	108.63
			<i>For 30 Degree Bend, Deduct</i>	-73.42	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.44	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-15.82	
			<i>For 60 Degree Bend, Deduct</i>	-40.43	
26 05 36 00-1322	EA	18"	Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	308.52	137.31
			<i>For 30 Degree Bend, Deduct</i>	-89.61	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.43	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.41	
			<i>For 60 Degree Bend, Deduct</i>	-49.19	
26 05 36 00-1323	EA	24"	Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	379.33	168.15
			<i>For 30 Degree Bend, Deduct</i>	-110.54	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.97	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.92	
			<i>For 60 Degree Bend, Deduct</i>	-60.72	
26 05 36 00-1324	EA	30"	Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	435.33	193.04
			<i>For 30 Degree Bend, Deduct</i>	-126.82	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.77	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.45	
			<i>For 60 Degree Bend, Deduct</i>	-69.65	
26 05 36 00-1325	EA	36"	Horizontal 45 Degree Elbow, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	496.11	226.60
			<i>For 30 Degree Bend, Deduct</i>	-140.66	
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.81	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.73	
			<i>For 60 Degree Bend, Deduct</i>	-76.84	
26 05 36 00-1326			45 Degree, 24" Radius Horizontal Elbows (26 05 36 00-1293)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1327 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	220.28	81.47
For 30 Degree Bend, Deduct	-73.66	
For 6" Overall Height Instead Of 4-5/8", Add	11.01	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-15.24	
For 60 Degree Bend, Deduct	-41.48	
26 05 36 00-1328 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	257.93	98.20
For 30 Degree Bend, Deduct	-84.57	
For 6" Overall Height Instead Of 4-5/8", Add	12.90	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-17.61	
For 60 Degree Bend, Deduct	-47.47	
26 05 36 00-1329 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	285.65	113.41
For 30 Degree Bend, Deduct	-90.96	
For 6" Overall Height Instead Of 4-5/8", Add	14.28	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-19.12	
For 60 Degree Bend, Deduct	-50.80	
26 05 36 00-1330 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	345.31	144.80
For 30 Degree Bend, Deduct	-105.43	
For 6" Overall Height Instead Of 4-5/8", Add	17.27	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-22.46	
For 60 Degree Bend, Deduct	-58.43	
26 05 36 00-1331 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	420.57	179.89
For 30 Degree Bend, Deduct	-126.40	
For 6" Overall Height Instead Of 4-5/8", Add	21.03	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-27.07	
For 60 Degree Bend, Deduct	-69.85	
26 05 36 00-1332 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	492.70	208.67
For 30 Degree Bend, Deduct	-149.28	
For 6" Overall Height Instead Of 4-5/8", Add	24.64	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-31.88	
For 60 Degree Bend, Deduct	-82.62	
26 05 36 00-1333 EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	566.21	248.43
For 30 Degree Bend, Deduct	-166.52	
For 6" Overall Height Instead Of 4-5/8", Add	28.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.92	
For 60 Degree Bend, Deduct	-91.63	
26 05 36 00-1334 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1293)</small>		
26 05 36 00-1335 EA 6" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	253.63	84.08
For 30 Degree Bend, Deduct	-90.48	
For 6" Overall Height Instead Of 4-5/8", Add	12.68	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-18.36	
For 60 Degree Bend, Deduct	-51.48	
26 05 36 00-1336 EA 9" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	286.15	102.11
For 30 Degree Bend, Deduct	-97.83	
For 6" Overall Height Instead Of 4-5/8", Add	14.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-20.11	
For 60 Degree Bend, Deduct	-55.29	
26 05 36 00-1337 EA 12" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	315.91	118.51
For 30 Degree Bend, Deduct	-104.62	
For 6" Overall Height Instead Of 4-5/8", Add	15.80	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.72	
For 60 Degree Bend, Deduct	-58.82	
26 05 36 00-1338 EA 18" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	386.21	153.39
For 30 Degree Bend, Deduct	-122.91	
For 6" Overall Height Instead Of 4-5/8", Add	19.31	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.84	
For 60 Degree Bend, Deduct	-68.63	
26 05 36 00-1339 EA 24" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	481.24	193.04
For 30 Degree Bend, Deduct	-152.07	
For 6" Overall Height Instead Of 4-5/8", Add	24.06	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-32.04	
For 60 Degree Bend, Deduct	-84.80	
26 05 36 00-1340 EA 30" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	546.86	226.60
For 30 Degree Bend, Deduct	-168.57	
For 6" Overall Height Instead Of 4-5/8", Add	27.34	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-35.80	
For 60 Degree Bend, Deduct	-93.59	
26 05 36 00-1341 EA 36" Horizontal 45 Degree Elbow, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	643.25	274.29
For 30 Degree Bend, Deduct	-193.77	
For 6" Overall Height Instead Of 4-5/8", Add	32.16	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.47	
For 60 Degree Bend, Deduct	-107.12	
26 05 36 00-1342 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1343 EA 6" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	309.66	108.63
For 6" Overall Height Instead Of 4-5/8", Add	15.48	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-21.91	
26 05 36 00-1344 EA 9" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	342.46	124.06
For 6" Overall Height Instead Of 4-5/8", Add	17.12	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-23.90	
26 05 36 00-1345 EA 12" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	366.56	137.20
For 6" Overall Height Instead Of 4-5/8", Add	18.33	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-25.23	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1346	EA		18" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	422.91	168.15
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	21.15	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-28.28	
26 05 36 00-1347	EA		24" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	471.42	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	23.57	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.05	
26 05 36 00-1348	EA		30" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	518.77	217.26
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.94	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.77	
26 05 36 00-1349	EA		36" Vertical Riser 90 Degree, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	574.70	248.00
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.74	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.80	
26 05 36 00-1350			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1351	EA		6" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	328.00	113.30
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	16.40	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.36	
26 05 36 00-1352	EA		9" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	362.24	130.35
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	18.11	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.36	
26 05 36 00-1353	EA		12" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	389.89	144.80
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.49	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.92	
26 05 36 00-1354	EA		18" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	456.43	179.89
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.82	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-30.66	
26 05 36 00-1355	EA		24" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	513.75	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	25.69	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.99	
26 05 36 00-1356	EA		30" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	570.10	236.81
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.51	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-37.27	
26 05 36 00-1357	EA		36" Vertical Riser 90 Degree, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	644.27	274.29
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	32.21	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-41.57	
26 05 36 00-1358			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1293)</small>		
26 05 36 00-1359	EA		6" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	412.51	118.40
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.63	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.38	
26 05 36 00-1360	EA		9" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	448.40	137.20
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	22.42	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-33.41	
26 05 36 00-1361	EA		12" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	489.57	153.39
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.48	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-36.17	
26 05 36 00-1362	EA		18" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	564.96	193.04
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	28.25	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.41	
26 05 36 00-1363	EA		24" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	630.26	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	31.51	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.14	
26 05 36 00-1364	EA		30" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	705.77	260.71
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	35.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-48.85	
26 05 36 00-1365	EA		36" Vertical Riser 90 Degree, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	793.42	306.34
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	39.67	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-53.82	
26 05 36 00-1366			12" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1367	EA		6" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	490.37	208.67
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	24.52	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-31.65	
26 05 36 00-1368	EA		9" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	529.71	226.60
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	26.49	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-34.09	
26 05 36 00-1369	EA		12" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	549.06	236.81
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	27.45	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-35.17	
26 05 36 00-1370	EA		18" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	619.25	260.71
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	30.96	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-40.20	
26 05 36 00-1371	EA		24" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	685.82	289.38
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	34.29	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-44.46	
26 05 36 00-1372	EA		30" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	747.61	306.88
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	37.38	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-49.19	
26 05 36 00-1373	EA		36" Horizontal Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	862.00	347.40
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	43.10	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-57.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1374 24" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1375 EA 6" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	620.91	226.60
For 6" Overall Height Instead Of 4-5/8", Add	31.05	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-43.21	
26 05 36 00-1376 EA 9" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	671.21	248.43
For 6" Overall Height Instead Of 4-5/8", Add	33.56	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.42	
26 05 36 00-1377 EA 12" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	698.76	260.71
For 6" Overall Height Instead Of 4-5/8", Add	34.94	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.15	
26 05 36 00-1378 EA 18" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	770.00	289.38
For 6" Overall Height Instead Of 4-5/8", Add	38.50	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.88	
26 05 36 00-1379 EA 24" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	856.49	325.88
For 6" Overall Height Instead Of 4-5/8", Add	42.82	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.49	
26 05 36 00-1380 EA 30" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	922.80	347.40
For 6" Overall Height Instead Of 4-5/8", Add	46.14	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.33	
26 05 36 00-1381 EA 36" Horizontal Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	1,195.05	401.38
For 6" Overall Height Instead Of 4-5/8", Add	59.75	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.06	
26 05 36 00-1382 36" Radius Horizontal Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1383 EA 6" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	757.73	248.43
For 6" Overall Height Instead Of 4-5/8", Add	37.89	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-55.07	
26 05 36 00-1384 EA 9" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	810.30	274.29
For 6" Overall Height Instead Of 4-5/8", Add	40.52	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-58.17	
26 05 36 00-1385 EA 12" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	868.21	289.38
For 6" Overall Height Instead Of 4-5/8", Add	43.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.70	
26 05 36 00-1386 EA 18" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	950.03	325.88
For 6" Overall Height Instead Of 4-5/8", Add	47.50	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.85	
26 05 36 00-1387 EA 24" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,069.01	372.06
For 6" Overall Height Instead Of 4-5/8", Add	53.45	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.90	
26 05 36 00-1388 EA 30" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,237.14	401.38
For 6" Overall Height Instead Of 4-5/8", Add	61.86	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-90.27	
26 05 36 00-1389 EA 36" Horizontal Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,420.83	473.62
For 6" Overall Height Instead Of 4-5/8", Add	71.04	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-102.61	
26 05 36 00-1390 12" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1391 EA 6" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	642.13	193.04
For 6" Overall Height Instead Of 4-5/8", Add	32.11	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-48.13	
26 05 36 00-1392 EA 9" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	664.16	200.63
For 6" Overall Height Instead Of 4-5/8", Add	33.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-49.69	
26 05 36 00-1393 EA 12" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	679.78	208.67
For 6" Overall Height Instead Of 4-5/8", Add	33.99	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-50.59	
26 05 36 00-1394 EA 18" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	716.79	226.60
For 6" Overall Height Instead Of 4-5/8", Add	35.84	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.79	
26 05 36 00-1395 EA 24" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	761.86	236.81
For 6" Overall Height Instead Of 4-5/8", Add	38.09	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.45	
26 05 36 00-1396 EA 30" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	808.66	260.71
For 6" Overall Height Instead Of 4-5/8", Add	40.43	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-59.14	
26 05 36 00-1397 EA 36" Vertical Tee, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray	868.21	289.38
For 6" Overall Height Instead Of 4-5/8", Add	43.41	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.70	
26 05 36 00-1398 24" Radius Vertical Tees <small>(26 05 36 00-1293)</small>		
26 05 36 00-1399 EA 6" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	890.24	208.67
For 6" Overall Height Instead Of 4-5/8", Add	44.51	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.64	
26 05 36 00-1400 EA 9" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	911.63	217.26
For 6" Overall Height Instead Of 4-5/8", Add	45.58	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-73.06	
26 05 36 00-1401 EA 12" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	934.26	226.60
For 6" Overall Height Instead Of 4-5/8", Add	46.71	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.54	
26 05 36 00-1402 EA 18" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray	986.90	248.43
For 6" Overall Height Instead Of 4-5/8", Add	49.35	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-77.99	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1403	EA		24" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,021.46 51.07 -80.42	260.71
26 05 36 00-1404	EA		30" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,083.35 54.17 -84.22	289.38
26 05 36 00-1405	EA		36" Vertical Tee, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,197.91 59.90 -92.63	325.88
26 05 36 00-1406			36" Radius Vertical Tees (26 05 36 00-1293)		
26 05 36 00-1407	EA		6" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,409.79 70.49 -122.09	226.60
26 05 36 00-1408	EA		9" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,440.20 72.01 -124.28	236.81
26 05 36 00-1409	EA		12" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,472.85 73.64 -126.59	248.43
26 05 36 00-1410	EA		18" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,529.49 76.47 -130.09	274.29
26 05 36 00-1411	EA		24" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,568.07 78.40 -132.69	289.38
26 05 36 00-1412	EA		30" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,669.03 83.45 -139.75	325.88
26 05 36 00-1413	EA		36" Vertical Tee, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,759.32 87.97 -144.93	372.06
26 05 36 00-1414			12" Radius Horizontal Crosses (26 05 36 00-1293)		
26 05 36 00-1415	EA		6" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	633.28 31.66 -41.60	260.71
26 05 36 00-1416	EA		9" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	677.00 33.85 -44.84	274.29
26 05 36 00-1417	EA		12" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	704.52 35.23 -46.33	289.38
26 05 36 00-1418	EA		18" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	780.35 39.02 -52.46	306.88
26 05 36 00-1419	EA		24" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	857.33 42.87 -56.78	347.40
26 05 36 00-1420	EA		30" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	947.41 47.37 -63.74	372.06
26 05 36 00-1421	EA		36" Horizontal Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,078.13 53.91 -74.37	401.38
26 05 36 00-1422			24" Radius Horizontal Crosses (26 05 36 00-1293)		
26 05 36 00-1423	EA		6" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	863.54 43.18 -62.24	289.38
26 05 36 00-1424	EA		9" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	904.29 45.21 -64.86	306.88
26 05 36 00-1425	EA		12" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	947.69 47.38 -67.61	325.88
26 05 36 00-1426	EA		18" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,004.65 50.23 -71.51	347.40
26 05 36 00-1427	EA		24" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,131.91 56.60 -79.75	401.38
26 05 36 00-1428	EA		30" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,219.94 61.00 -85.78	434.51
26 05 36 00-1429	EA		36" Horizontal Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray <i>For 6" Overall Height Instead Of 4-5/8", Add</i> <i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	1,348.34 67.42 -95.36	473.62
26 05 36 00-1430			36" Radius Horizontal Crosses (26 05 36 00-1293)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1431 EA 6" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	992.12	325.88
For 6" Overall Height Instead Of 4-5/8", Add	49.61	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-72.06	
26 05 36 00-1432 EA 9" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,046.74	347.40
For 6" Overall Height Instead Of 4-5/8", Add	52.34	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-75.72	
26 05 36 00-1433 EA 12" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,115.78	372.06
For 6" Overall Height Instead Of 4-5/8", Add	55.79	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-80.58	
26 05 36 00-1434 EA 18" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,197.39	401.38
For 6" Overall Height Instead Of 4-5/8", Add	59.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-86.29	
26 05 36 00-1435 EA 24" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,444.22	473.62
For 6" Overall Height Instead Of 4-5/8", Add	72.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-104.95	
26 05 36 00-1436 EA 30" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,592.56	520.54
For 6" Overall Height Instead Of 4-5/8", Add	79.63	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-115.87	
26 05 36 00-1437 EA 36" Horizontal Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,773.21	579.86
For 6" Overall Height Instead Of 4-5/8", Add	88.66	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-129.00	
26 05 36 00-1438 12" Radius Vertical Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1439 EA 6" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	633.28	260.71
For 6" Overall Height Instead Of 4-5/8", Add	31.66	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-41.60	
26 05 36 00-1440 EA 9" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	677.16	274.40
For 6" Overall Height Instead Of 4-5/8", Add	33.86	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-44.85	
26 05 36 00-1441 EA 12" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	704.43	289.38
For 6" Overall Height Instead Of 4-5/8", Add	35.22	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-46.33	
26 05 36 00-1442 EA 18" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	780.54	306.99
For 6" Overall Height Instead Of 4-5/8", Add	39.03	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-52.47	
26 05 36 00-1443 EA 24" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	857.33	347.40
For 6" Overall Height Instead Of 4-5/8", Add	42.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-56.78	
26 05 36 00-1444 EA 30" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	947.69	372.16
For 6" Overall Height Instead Of 4-5/8", Add	47.38	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-63.75	
26 05 36 00-1445 EA 36" Vertical Cross, 12" Rung Spacing, 12" Radius, Aluminum Cable Tray.....	1,077.30	400.84
For 6" Overall Height Instead Of 4-5/8", Add	53.87	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-74.33	
26 05 36 00-1446 24" Radius Vertical Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1447 EA 6" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	863.54	289.38
For 6" Overall Height Instead Of 4-5/8", Add	43.18	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-62.24	
26 05 36 00-1448 EA 9" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	904.29	306.88
For 6" Overall Height Instead Of 4-5/8", Add	45.21	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-64.86	
26 05 36 00-1449 EA 12" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	947.69	325.88
For 6" Overall Height Instead Of 4-5/8", Add	47.38	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-67.61	
26 05 36 00-1450 EA 18" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,004.65	347.40
For 6" Overall Height Instead Of 4-5/8", Add	50.23	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-71.51	
26 05 36 00-1451 EA 24" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,131.91	401.38
For 6" Overall Height Instead Of 4-5/8", Add	56.60	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-79.75	
26 05 36 00-1452 EA 30" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,219.94	434.51
For 6" Overall Height Instead Of 4-5/8", Add	61.00	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-85.78	
26 05 36 00-1453 EA 36" Vertical Cross, 12" Rung Spacing, 24" Radius, Aluminum Cable Tray.....	1,348.34	473.62
For 6" Overall Height Instead Of 4-5/8", Add	67.42	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-95.36	
26 05 36 00-1454 36" Radius Vertical Crosses <small>(26 05 36 00-1293)</small>		
26 05 36 00-1455 EA 6" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,194.16	325.88
For 6" Overall Height Instead Of 4-5/8", Add	59.71	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-92.26	
26 05 36 00-1456 EA 9" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,257.20	347.40
For 6" Overall Height Instead Of 4-5/8", Add	62.86	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-96.77	
26 05 36 00-1457 EA 12" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,338.87	372.06
For 6" Overall Height Instead Of 4-5/8", Add	66.94	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-102.89	
26 05 36 00-1458 EA 18" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray.....	1,435.21	401.38
For 6" Overall Height Instead Of 4-5/8", Add	71.76	
For 3-5/8" Overall Height Instead Of 4-5/8", Deduct	-110.08	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1459	EA		24" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,738.86	473.62
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	86.94	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-134.41	
26 05 36 00-1460	EA		30" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	1,918.77	520.54
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	95.94	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-148.50	
26 05 36 00-1461	EA		36" Vertical Cross, 12" Rung Spacing, 36" Radius, Aluminum Cable Tray	2,136.25	579.86
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	106.81	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-165.30	
26 05 36 00-1462			Dropout Or End Plates And Reducers (26 05 36 00-0744)		
26 05 36 00-1463			Straight Reducers (26 05 36 00-1462)		
26 05 36 00-1464	EA		9" To 6" Reducer, Aluminum Cable Tray	250.57	80.17
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	12.53	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-18.37	
26 05 36 00-1465	EA		12" To 9" Reducer, Aluminum Cable Tray	264.21	86.79
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	13.21	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-19.19	
26 05 36 00-1466	EA		18" To 12" Reducer, Aluminum Cable Tray	289.14	100.16
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.46	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.56	
26 05 36 00-1467	EA		24" To 18" Reducer, Aluminum Cable Tray	317.88	115.91
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.89	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.13	
26 05 36 00-1468	EA		30" To 24" Reducer, Aluminum Cable Tray	344.58	130.35
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.23	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.60	
26 05 36 00-1469	EA		36" To 30" Reducer, Aluminum Cable Tray	383.34	148.93
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.17	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.92	
26 05 36 00-1470			Reducers (26 05 36 00-1462)		
26 05 36 00-1471	EA		18" To 6" Reducer, Aluminum Cable Tray	289.24	100.27
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	14.46	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-20.57	
26 05 36 00-1472	EA		24" To 12" Reducer, Aluminum Cable Tray	318.15	116.02
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	15.91	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-22.14	
26 05 36 00-1473	EA		30" To 12" Reducer, Aluminum Cable Tray	344.41	130.24
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.22	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.59	
26 05 36 00-1474	EA		30" To 18" Reducer, Aluminum Cable Tray	346.83	130.14
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	17.34	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-23.84	
26 05 36 00-1475	EA		36" To 12" Reducer, Aluminum Cable Tray	380.74	148.93
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.04	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-25.66	
26 05 36 00-1476	EA		36" To 18" Reducer, Aluminum Cable Tray	389.87	152.84
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	19.49	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-26.25	
26 05 36 00-1477	EA		36" To 24" Reducer, Aluminum Cable Tray	403.21	157.73
			<i>For 6" Overall Height Instead Of 4-5/8", Add</i>	20.16	
			<i>For 3-5/8" Overall Height Instead Of 4-5/8", Deduct</i>	-27.18	
26 05 36 00-1478			Dropout Or End Plate (26 05 36 00-1462)		
26 05 36 00-1479	EA		6" Dropout Or End Plate, Aluminum Cable Tray	69.77	32.59
26 05 36 00-1480	EA		9" Dropout Or End Plate, Aluminum Cable Tray	78.53	37.26
26 05 36 00-1481	EA		12" Dropout Or End Plate, Aluminum Cable Tray	84.73	40.09
26 05 36 00-1482	EA		18" Dropout Or End Plate, Aluminum Cable Tray	102.99	47.37
26 05 36 00-1483	EA		24" Dropout Or End Plate, Aluminum Cable Tray	115.09	52.14
26 05 36 00-1484	EA		30" Dropout Or End Plate, Aluminum Cable Tray	130.10	57.90
26 05 36 00-1485	EA		36" Dropout Or End Plate, Aluminum Cable Tray	145.92	65.18
26 05 36 00-1486			Solid Bottom Cable Tray (26 05 36 00-0001) Note: 3-5/8" Height.		
26 05 36 00-1487			Solid Bottom Galvanized Steel Straight Tray Sections (26 05 36 00-1486)		
26 05 36 00-1488	LF		6" Solid Bottom Steel Cable Tray, Straight Section	29.20	8.47
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2.96	
26 05 36 00-1489	LF		12" Solid Bottom Steel Cable Tray, Straight Section	36.41	10.43
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	3.73	
26 05 36 00-1490	LF		18" Solid Bottom Steel Cable Tray, Straight Section	48.38	14.99
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	4.76	
26 05 36 00-1491	LF		24" Solid Bottom Steel Cable Tray, Straight Section	56.01	17.16
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	5.54	
26 05 36 00-1492	LF		30" Solid Bottom Steel Cable Tray, Straight Section	67.10	20.75
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	6.60	
26 05 36 00-1493	LF		36" Solid Bottom Steel Cable Tray, Straight Section	86.15	23.79
			<i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	8.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1494 Solid Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-1486)</small>		
26 05 36 00-1495 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>		
26 05 36 00-1496 EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	294.66	108.74
For 4-5/8" Overall Height Instead Of 3-5/8", Add	26.08	
26 05 36 00-1497 EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	382.11	152.95
For 4-5/8" Overall Height Instead Of 3-5/8", Add	31.82	
26 05 36 00-1498 EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	467.02	193.04
For 4-5/8" Overall Height Instead Of 3-5/8", Add	37.88	
26 05 36 00-1499 EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	572.35	237.13
For 4-5/8" Overall Height Instead Of 3-5/8", Add	46.32	
26 05 36 00-1500 EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	669.05	274.83
For 4-5/8" Overall Height Instead Of 3-5/8", Add	54.56	
26 05 36 00-1501 EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	752.02	306.88
For 4-5/8" Overall Height Instead Of 3-5/8", Add	61.66	
26 05 36 00-1502 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>		
26 05 36 00-1503 EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	349.88	113.19
For 4-5/8" Overall Height Instead Of 3-5/8", Add	33.61	
26 05 36 00-1504 EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	460.23	163.05
For 4-5/8" Overall Height Instead Of 3-5/8", Add	41.85	
26 05 36 00-1505 EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	565.62	208.67
For 4-5/8" Overall Height Instead Of 3-5/8", Add	50.07	
26 05 36 00-1506 EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	688.72	260.71
For 4-5/8" Overall Height Instead Of 3-5/8", Add	59.86	
26 05 36 00-1507 EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	807.81	306.34
For 4-5/8" Overall Height Instead Of 3-5/8", Add	70.12	
26 05 36 00-1508 EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	912.70	347.40
For 4-5/8" Overall Height Instead Of 3-5/8", Add	79.00	
26 05 36 00-1509 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>		
26 05 36 00-1510 EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	433.13	118.29
For 4-5/8" Overall Height Instead Of 3-5/8", Add	45.26	
26 05 36 00-1511 EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	555.70	174.13
For 4-5/8" Overall Height Instead Of 3-5/8", Add	54.34	
26 05 36 00-1512 EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	702.81	226.93
For 4-5/8" Overall Height Instead Of 3-5/8", Add	67.60	
26 05 36 00-1513 EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	834.18	289.38
For 4-5/8" Overall Height Instead Of 3-5/8", Add	76.89	
26 05 36 00-1514 EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,001.22	347.40
For 4-5/8" Overall Height Instead Of 3-5/8", Add	92.28	
26 05 36 00-1515 EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	1,141.64	400.30
For 4-5/8" Overall Height Instead Of 3-5/8", Add	104.52	
26 05 36 00-1516 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>		
26 05 36 00-1517 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	266.41	108.74
For 4-5/8" Overall Height Instead Of 3-5/8", Add	21.83	
26 05 36 00-1518 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	350.33	152.95
For 4-5/8" Overall Height Instead Of 3-5/8", Add	27.05	
26 05 36 00-1519 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	430.33	192.82
For 4-5/8" Overall Height Instead Of 3-5/8", Add	32.41	
26 05 36 00-1520 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	527.50	236.81
For 4-5/8" Overall Height Instead Of 3-5/8", Add	39.65	
26 05 36 00-1521 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	616.28	274.83
For 4-5/8" Overall Height Instead Of 3-5/8", Add	46.65	
26 05 36 00-1522 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Steel Cable Tray.....	690.92	306.34
For 4-5/8" Overall Height Instead Of 3-5/8", Add	52.59	
26 05 36 00-1523 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>		
26 05 36 00-1524 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	309.72	113.30
For 4-5/8" Overall Height Instead Of 3-5/8", Add	27.57	
26 05 36 00-1525 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	412.86	162.94
For 4-5/8" Overall Height Instead Of 3-5/8", Add	34.77	
26 05 36 00-1526 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	511.59	208.90
For 4-5/8" Overall Height Instead Of 3-5/8", Add	41.92	
26 05 36 00-1527 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	625.17	260.71
For 4-5/8" Overall Height Instead Of 3-5/8", Add	50.32	
26 05 36 00-1528 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	734.43	306.88
For 4-5/8" Overall Height Instead Of 3-5/8", Add	59.02	
26 05 36 00-1529 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Steel Cable Tray.....	829.29	347.40
For 4-5/8" Overall Height Instead Of 3-5/8", Add	66.49	
26 05 36 00-1530 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1494)</small>		
26 05 36 00-1531 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	374.41	118.40
For 4-5/8" Overall Height Instead Of 3-5/8", Add	36.42	
26 05 36 00-1532 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	462.32	157.84
For 4-5/8" Overall Height Instead Of 3-5/8", Add	43.03	
26 05 36 00-1533 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray.....	621.66	226.93
For 4-5/8" Overall Height Instead Of 3-5/8", Add	55.43	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1534	EA		24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	747.08 63.74	289.93
26 05 36 00-1535	EA		30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	895.68 76.45	347.40
26 05 36 00-1536	EA		36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,024.68 86.81	401.38
26 05 36 00-1537			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1538	EA		6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	319.15 29.80	108.41
26 05 36 00-1539	EA		12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	400.26 34.54	152.95
26 05 36 00-1540	EA		18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	469.29 38.22	193.04
26 05 36 00-1541	EA		24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	567.81 45.64	237.13
26 05 36 00-1542	EA		30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	641.81 50.48	274.83
26 05 36 00-1543	EA		36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	701.13 54.12	306.34
26 05 36 00-1544			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1545	EA		6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	383.93 38.72	113.19
26 05 36 00-1546	EA		12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	485.20 45.60	163.05
26 05 36 00-1547	EA		18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	579.24 52.11	208.67
26 05 36 00-1548	EA		24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	686.45 59.52	260.71
26 05 36 00-1549	EA		30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	776.03 65.36	306.34
26 05 36 00-1550	EA		36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	869.58 72.53	347.40
26 05 36 00-1551			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1552	EA		6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	462.64 49.69	118.29
26 05 36 00-1553	EA		12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	561.00 57.78	158.16
26 05 36 00-1554	EA		18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	702.81 67.60	226.93
26 05 36 00-1555	EA		24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	838.72 77.57	289.38
26 05 36 00-1556	EA		30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	967.18 87.17	347.40
26 05 36 00-1557	EA		36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,089.43 96.69	400.30
26 05 36 00-1558			12" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1559	EA		6" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	506.60 41.22	208.67
26 05 36 00-1560	EA		12" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	606.32 47.57	260.27
26 05 36 00-1561	EA		18" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	715.71 56.21	306.88
26 05 36 00-1562	EA		24" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	850.69 65.46	372.81
26 05 36 00-1563	EA		30" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	929.92 72.60	401.38
26 05 36 00-1564	EA		36" Horizontal Tee, Solid Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,089.06 84.41	473.62
26 05 36 00-1565			24" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1566	EA		6" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	625.11 56.00	226.60
26 05 36 00-1567	EA		12" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	770.63 67.36	289.38
26 05 36 00-1568	EA		18" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	899.09 76.96	347.40
26 05 36 00-1569	EA		24" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,157.71 101.24	434.51
26 05 36 00-1570	EA		30" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,261.56 110.29	473.62
26 05 36 00-1571	EA		36" Horizontal Tee, Solid Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,477.13 124.93	579.86
26 05 36 00-1572			36" Radius Horizontal Tees <small>(26 05 36 00-1494)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1573 EA 6" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	802.11 78.92	248.43
26 05 36 00-1574 EA 12" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	976.66 92.19	325.88
26 05 36 00-1575 EA 18" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,141.01 104.26	401.38
26 05 36 00-1576 EA 24" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,395.47 130.38	473.62
26 05 36 00-1577 EA 30" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,528.65 142.26	522.29
26 05 36 00-1578 EA 36" Horizontal Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,767.22 156.45	651.77
26 05 36 00-1579 12" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1580 EA 6" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	608.74 56.54	208.67
26 05 36 00-1581 EA 12" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	706.88 62.58	260.71
26 05 36 00-1582 EA 18" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	759.28 65.66	289.38
26 05 36 00-1583 EA 24" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	814.62 71.15	306.34
26 05 36 00-1584 EA 30" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	903.63 77.64	347.40
26 05 36 00-1585 EA 36" Vertical Tee, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,004.82 83.83	401.38
26 05 36 00-1586 24" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1587 EA 6" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	763.57 76.76	226.60
26 05 36 00-1588 EA 12" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	886.39 84.72	289.38
26 05 36 00-1589 EA 18" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	967.58 90.82	325.88
26 05 36 00-1590 EA 24" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,023.92 95.68	347.40
26 05 36 00-1591 EA 30" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,156.90 106.65	401.38
26 05 36 00-1592 EA 36" Vertical Tee, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,300.14 116.08	473.62
26 05 36 00-1593 36" Radius Vertical Tees <small>(26 05 36 00-1494)</small>		
26 05 36 00-1594 EA 6" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,014.84 110.89	248.00
26 05 36 00-1595 EA 12" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,155.97 119.08	325.88
26 05 36 00-1596 EA 18" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,278.26 129.74	372.06
26 05 36 00-1597 EA 24" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,349.83 135.58	401.38
26 05 36 00-1598 EA 30" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,583.86 158.63	473.62
26 05 36 00-1599 EA 36" Vertical Tee, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,707.45 169.35	520.54
26 05 36 00-1600 12" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1601 EA 6" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	625.17 50.32	260.71
26 05 36 00-1602 EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	717.98 56.55	306.88
26 05 36 00-1603 EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	862.89 67.43	372.06
26 05 36 00-1604 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	996.56 77.07	434.51
26 05 36 00-1605 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,171.79 89.00	520.54
26 05 36 00-1606 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,300.09 98.37	579.86
26 05 36 00-1607 24" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1608 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	830.49 76.25	289.93
26 05 36 00-1609 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	967.18 87.17	347.40
26 05 36 00-1610 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,157.71 101.24	434.51
26 05 36 00-1611 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,426.51 126.93	522.29

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1612	EA		30" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,567.93 138.55	579.86
26 05 36 00-1613	EA		36" Horizontal Cross, Solid Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,721.82 149.64	651.77
26 05 36 00-1614			36" Radius Horizontal Crosses <small>(26 05 36 00-1494)</small>		
26 05 36 00-1615	EA		6" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,110.58 112.27	325.88
26 05 36 00-1616	EA		12" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,293.08 127.07	401.38
26 05 36 00-1617	EA		18" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,551.35 145.66	522.29
26 05 36 00-1618	EA		24" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,772.20 169.19	579.86
26 05 36 00-1619	EA		30" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,960.15 185.39	651.77
26 05 36 00-1620	EA		36" Horizontal Cross, Solid Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2,170.65 201.59	744.00
26 05 36 00-1621			Straight Reducers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1622	EA		12" To 6" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	256.06 23.93	86.90
26 05 36 00-1623	EA		18" To 12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	277.18 25.21	98.20
26 05 36 00-1624	EA		24" To 18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	306.63 27.13	113.19
26 05 36 00-1625	EA		30" To 24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	344.37 29.93	130.35
26 05 36 00-1626	EA		36" To 30" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	372.61 31.80	144.59
26 05 36 00-1627			Reducers <small>(26 05 36 00-1494)</small>		
26 05 36 00-1628	EA		18" To 6" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	277.28 25.21	98.31
26 05 36 00-1629	EA		24" To 12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	304.75 26.81	113.41
26 05 36 00-1630	EA		30" To 12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	339.66 29.24	130.24
26 05 36 00-1631	EA		30" To 18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	341.76 29.57	130.14
26 05 36 00-1632	EA		36" To 12" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	370.34 31.46	144.59
26 05 36 00-1633	EA		36" To 18" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	372.61 31.80	144.59
26 05 36 00-1634	EA		36" To 24" Reducer, Solid Bottom, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	375.32 32.16	144.80
26 05 36 00-1635			Dropout Or End Plate <small>(26 05 36 00-1494)</small>		
26 05 36 00-1636	EA		6" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	77.46	32.59
26 05 36 00-1637	EA		12" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	95.10	39.76
26 05 36 00-1638	EA		18" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	109.51	47.15
26 05 36 00-1639	EA		24" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	123.33	52.14
26 05 36 00-1640	EA		30" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	137.34	57.90
26 05 36 00-1641	EA		36" Dropout Or End Plate, Solid Bottom, Steel Cable Tray.....	152.32	65.18
26 05 36 00-1642			Solid Bottom Aluminum Straight Cable Tray Sections <small>(26 05 36 00-1486)</small>		
26 05 36 00-1643	LF		6" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	25.96 2.75	6.85
26 05 36 00-1644	LF		12" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	32.42 3.53	8.04
26 05 36 00-1645	LF		18" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	41.40 4.46	10.43
26 05 36 00-1646	LF		24" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	49.34 5.49	11.52
26 05 36 00-1647	LF		30" Solid Bottom Aluminum Cable Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	60.41 6.58	14.89
26 05 36 00-1648	LF		36" Solid Bottom Steel Aluminum Tray, Straight Section..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	71.97 8.07	16.29
26 05 36 00-1649			Solid Bottom Aluminum Cable Tray Fittings <small>(26 05 36 00-1486)</small>		
26 05 36 00-1650			90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1651	EA		6" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	298.06 26.59	108.74
26 05 36 00-1652	EA		12" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	359.72 31.14	136.87
26 05 36 00-1653	EA		18" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	416.21 36.88	153.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1654 EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	484.55 42.67	179.99
26 05 36 00-1655 EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	572.83 51.11	208.90
26 05 36 00-1656 EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	647.36 57.57	237.13
26 05 36 00-1657 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1658 EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	354.94 34.37	113.19
26 05 36 00-1659 EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	438.88 41.67	145.02
26 05 36 00-1660 EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	496.23 47.28	162.94
26 05 36 00-1661 EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	599.38 57.73	193.04
26 05 36 00-1662 EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	694.99 66.53	226.28
26 05 36 00-1663 EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	799.81 76.52	260.71
26 05 36 00-1664 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1665 EA 6" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	443.65 46.84	118.29
26 05 36 00-1666 EA 12" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	551.85 57.18	153.60
26 05 36 00-1667 EA 18" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	640.82 67.11	174.13
26 05 36 00-1668 EA 24" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	723.53 73.80	208.35
26 05 36 00-1669 EA 30" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	839.55 84.53	248.43
26 05 36 00-1670 EA 36" Horizontal 90 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	980.14 98.87	288.95
26 05 36 00-1671 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1672 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	272.47 22.74	108.74
26 05 36 00-1673 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	330.79 26.80	136.87
26 05 36 00-1674 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	380.61 31.57	153.17
26 05 36 00-1675 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	443.31 36.55	179.67
26 05 36 00-1676 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	523.40 43.69	208.90
26 05 36 00-1677 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	590.75 49.20	236.48
26 05 36 00-1678 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1679 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	318.50 28.89	113.30
26 05 36 00-1680 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	395.26 35.15	144.80
26 05 36 00-1681 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	447.34 39.89	163.27
26 05 36 00-1682 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	538.31 48.57	193.04
26 05 36 00-1683 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	626.12 56.10	226.93
26 05 36 00-1684 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	719.44 64.47	260.71
26 05 36 00-1685 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1649)</small>		
26 05 36 00-1686 EA 6" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	389.70 38.72	118.40
26 05 36 00-1687 EA 12" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	486.27 47.39	153.28
26 05 36 00-1688 EA 18" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	563.67 55.54	174.13
26 05 36 00-1689 EA 24" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	641.65 61.43	208.90
26 05 36 00-1690 EA 30" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	745.92 70.49	248.43
26 05 36 00-1691 EA 36" Horizontal 45 Degree Elbow, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	872.15 82.50	289.93
26 05 36 00-1692 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-1693	EA	6" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	319.50 29.86	108.41
26 05 36 00-1694	EA	12" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	372.50 33.05	136.87
26 05 36 00-1695	EA	18" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	418.04 37.16	153.28
26 05 36 00-1696	EA	24" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	471.77 40.76	179.99
26 05 36 00-1697	EA	30" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	530.82 44.81	208.90
26 05 36 00-1698	EA	36" Vertical Riser 90 Degree, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	582.28 47.93	236.48
26 05 36 00-1699		90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1700	EA	6" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	385.99 39.03	113.19
26 05 36 00-1701	EA	12" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	455.32 44.14	145.02
26 05 36 00-1702	EA	18" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	501.71 48.10	162.94
26 05 36 00-1703	EA	24" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	571.99 53.62	193.04
26 05 36 00-1704	EA	30" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	642.02 58.59	226.28
26 05 36 00-1705	EA	36" Vertical Riser 90 Degree, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	726.75 65.56	260.71
26 05 36 00-1706		90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1649)</small>		
26 05 36 00-1707	EA	6" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	456.44 48.76	118.29
26 05 36 00-1708	EA	12" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	548.20 56.63	153.60
26 05 36 00-1709	EA	18" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	607.95 62.18	174.13
26 05 36 00-1710	EA	24" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	677.87 66.95	208.35
26 05 36 00-1711	EA	30" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	779.28 75.49	248.43
26 05 36 00-1712	EA	36" Vertical Riser 90 Degree, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	861.42 81.06	288.95
26 05 36 00-1713		12" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1714	EA	6" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	528.54 44.51	208.67
26 05 36 00-1715	EA	12" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	613.33 52.58	236.48
26 05 36 00-1716	EA	18" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	681.08 58.71	260.71
26 05 36 00-1717	EA	24" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	759.02 65.53	289.93
26 05 36 00-1718	EA	30" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	896.86 76.62	347.40
26 05 36 00-1719	EA	36" Horizontal Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,089.49 91.00	434.51
26 05 36 00-1720		24" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1721	EA	6" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	675.43 63.54	226.60
26 05 36 00-1722	EA	12" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	770.58 72.14	260.71
26 05 36 00-1723	EA	18" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	862.28 81.11	289.38
26 05 36 00-1724	EA	24" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,044.80 98.82	347.40
26 05 36 00-1725	EA	30" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,253.87 115.66	434.51
26 05 36 00-1726	EA	36" Horizontal Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,385.36 128.63	475.03
26 05 36 00-1727		36" Radius Horizontal Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1728	EA	6" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	898.00 93.30	248.43
26 05 36 00-1729	EA	12" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,012.05 103.57	289.38
26 05 36 00-1730	EA	18" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,155.01 118.94	325.88
26 05 36 00-1731	EA	24" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,379.59 140.21	400.30

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1732 EA 30" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,655.81 161.33	522.29
26 05 36 00-1733 EA 36" Horizontal Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,843.15 179.83	579.86
26 05 36 00-1734 12" Radius Vertical Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1735 EA 6" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	605.25 56.02	208.67
26 05 36 00-1736 EA 12" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	657.73 59.19	236.81
26 05 36 00-1737 EA 18" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	687.32 61.76	248.00
26 05 36 00-1738 EA 24" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	726.06 65.53	260.27
26 05 36 00-1739 EA 30" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	800.18 71.79	289.38
26 05 36 00-1740 EA 36" Vertical Tee, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	915.12 79.36	347.40
26 05 36 00-1741 24" Radius Vertical Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1742 EA 6" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	757.62 75.87	226.60
26 05 36 00-1743 EA 12" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	836.34 82.00	260.71
26 05 36 00-1744 EA 18" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	886.41 87.24	274.29
26 05 36 00-1745 EA 24" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	948.12 93.98	289.38
26 05 36 00-1746 EA 30" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,054.55 103.87	325.88
26 05 36 00-1747 EA 36" Vertical Tee, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,206.07 114.18	400.30
26 05 36 00-1748 36" Radius Vertical Tees <small>(26 05 36 00-1649)</small>		
26 05 36 00-1749 EA 6" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,006.96 109.71	248.00
26 05 36 00-1750 EA 12" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,097.45 116.97	285.92
26 05 36 00-1751 EA 18" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,168.00 124.15	306.34
26 05 36 00-1752 EA 24" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,218.94 128.53	325.88
26 05 36 00-1753 EA 30" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,350.62 140.59	372.06
26 05 36 00-1754 EA 36" Vertical Tee, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	869.82 51.53	473.62
26 05 36 00-1755 12" Radius Horizontal Crosses <small>(26 05 36 00-1649)</small>		
26 05 36 00-1756 EA 6" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	624.86 54.26	236.81
26 05 36 00-1757 EA 12" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	693.87 60.63	260.71
26 05 36 00-1758 EA 18" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	806.36 69.91	306.34
26 05 36 00-1759 EA 24" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	956.10 81.41	372.06
26 05 36 00-1760 EA 30" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,047.17 90.35	400.30
26 05 36 00-1761 EA 36" Horizontal Cross, Solid Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,211.84 102.60	475.03
26 05 36 00-1762 24" Radius Horizontal Crosses <small>(26 05 36 00-1649)</small>		
26 05 36 00-1763 EA 6" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	837.04 82.04	261.14
26 05 36 00-1764 EA 12" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	948.12 93.98	289.38
26 05 36 00-1765 EA 18" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,084.99 104.84	347.40
26 05 36 00-1766 EA 24" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,338.00 128.09	435.70
26 05 36 00-1767 EA 30" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,467.55 140.96	475.03
26 05 36 00-1768 EA 36" Horizontal Cross, Solid Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,669.63 153.80	579.86
26 05 36 00-1769 36" Radius Horizontal Crosses <small>(26 05 36 00-1649)</small>		
26 05 36 00-1770 EA 6" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,167.30 126.86	289.38

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1771	EA		12" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,282.86 138.12	325.88
26 05 36 00-1772	EA		18" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,490.82 156.73	401.38
26 05 36 00-1773	EA		24" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,765.40 177.77	522.29
26 05 36 00-1774	EA		30" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	1,934.47 193.53	579.86
26 05 36 00-1775	EA		36" Horizontal Cross, Solid Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	2,218.71 224.18	651.77
26 05 36 00-1776	Straight Reducers <small>(26 05 36 00-1649)</small>				
26 05 36 00-1777	EA		12" To 6" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	237.48 23.20	74.52
26 05 36 00-1778	EA		18" To 12" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	261.50 24.76	86.79
26 05 36 00-1779	EA		24" To 18" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	287.89 26.81	98.20
26 05 36 00-1780	EA		30" To 24" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	324.02 29.72	113.30
26 05 36 00-1781	EA		36" To 30" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	359.39 32.22	130.14
26 05 36 00-1782	Reducers <small>(26 05 36 00-1649)</small>				
26 05 36 00-1783	EA		18" To 6" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	259.76 24.50	86.79
26 05 36 00-1784	EA		24" To 12" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	286.36 26.56	98.41
26 05 36 00-1785	EA		30" To 12" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	320.24 29.16	113.19
26 05 36 00-1786	EA		30" To 18" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	321.93 29.43	113.19
26 05 36 00-1787	EA		36" To 12" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	359.39 32.22	130.14
26 05 36 00-1788	EA		36" To 18" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	361.21 32.49	130.14
26 05 36 00-1789	EA		36" To 24" Reducer, Solid Bottom, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 3-5/8", Add</i>	365.20 33.05	130.35
26 05 36 00-1790	Dropout Or End Plate <small>(26 05 36 00-1649)</small>				
26 05 36 00-1791	EA		6" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	77.41	32.59
26 05 36 00-1792	EA		12" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	92.39	39.76
26 05 36 00-1793	EA		18" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	109.87	47.15
26 05 36 00-1794	EA		24" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	121.33	52.14
26 05 36 00-1795	EA		30" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	136.66	57.90
26 05 36 00-1796	EA		36" Dropout Or End Plate, Solid Bottom, Aluminum Cable Tray.....	155.21	65.18
26 05 36 00-1797	Vented Bottom Cable Tray <small>(26 05 36 00-0001)</small> Note: 6" Height.				
26 05 36 00-1798	Vented Bottom Galvanized Steel Cable Tray <small>(26 05 36 00-1797)</small>				
26 05 36 00-1799	LF		6" Vented Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	38.96 -2.95	11.41
26 05 36 00-1800	LF		12" Vented Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	45.98 -3.51	13.03
26 05 36 00-1801	LF		18" Vented Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	54.23 -4.17	14.99
26 05 36 00-1802	LF		24" Vented Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	62.24 -4.79	17.16
26 05 36 00-1803	LF		30" Vented Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	82.78 -6.55	20.75
26 05 36 00-1804	LF		36" Vented Bottom Steel Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	97.41 -7.56	26.07
26 05 36 00-1805	Vented Bottom Galvanized Steel Cable Tray Fittings <small>(26 05 36 00-1797)</small>				
26 05 36 00-1806	90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>				
26 05 36 00-1807	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	351.42 -23.70	137.31
26 05 36 00-1808	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	455.23 -30.04	185.76
26 05 36 00-1809	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	562.06 -36.47	236.81
26 05 36 00-1810	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	689.53 -44.79	289.93
26 05 36 00-1811	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	778.05 -50.59	326.54
26 05 36 00-1812	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	891.94 -58.12	372.81

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1813 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1814 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	422.28 -30.17	144.70
26 05 36 00-1815 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	543.05 -37.58	200.63
26 05 36 00-1816 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	686.67 -46.94	260.71
26 05 36 00-1817 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	827.39 -55.58	325.88
26 05 36 00-1818 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	888.90 -60.84	336.64
26 05 36 00-1819 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,104.72 -74.26	434.51
26 05 36 00-1820 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1821 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	525.50 -39.80	152.95
26 05 36 00-1822 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	672.04 -49.08	217.59
26 05 36 00-1823 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	854.58 -61.30	289.93
26 05 36 00-1824 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,012.02 -70.20	372.06
26 05 36 00-1825 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,164.32 -80.22	434.51
26 05 36 00-1826 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,358.21 -92.44	520.54
26 05 36 00-1827 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1828 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	324.64 -21.02	137.42
26 05 36 00-1829 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	423.20 -26.84	185.76
26 05 36 00-1830 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	524.68 -32.76	236.48
26 05 36 00-1831 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	643.29 -40.21	289.38
26 05 36 00-1832 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	726.61 -45.45	326.54
26 05 36 00-1833 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	831.02 -52.10	372.06
26 05 36 00-1834 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1835 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	382.66 -26.20	144.80
26 05 36 00-1836 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	497.15 -32.99	200.63
26 05 36 00-1837 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	631.89 -41.43	261.14
26 05 36 00-1838 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	764.86 -49.33	325.88
26 05 36 00-1839 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	877.13 -56.64	372.81
26 05 36 00-1840 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,021.01 -65.89	434.51
26 05 36 00-1841 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1805)</small>		
26 05 36 00-1842 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	466.47 -33.87	153.28
26 05 36 00-1843 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	603.00 -42.22	216.94
26 05 36 00-1844 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	772.88 -53.13	289.93
26 05 36 00-1845 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	927.20 -61.65	372.81
26 05 36 00-1846 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,067.49 -70.54	434.51
26 05 36 00-1847 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,253.06 -81.79	522.29
26 05 36 00-1848 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1849 EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	386.38 -27.23	136.87
26 05 36 00-1850 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	486.17 -33.13	185.76
26 05 36 00-1851 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	573.52 -37.62	236.81

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1852	EA		24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	687.24 -44.56	289.93
26 05 36 00-1853	EA		30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	752.84 -48.07	326.54
26 05 36 00-1854	EA		36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	840.10 -53.01	372.06
26 05 36 00-1855			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1856	EA		6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	468.12 -34.75	144.70
26 05 36 00-1857	EA		12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	575.14 -40.79	200.63
26 05 36 00-1858	EA		18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	700.42 -48.32	260.71
26 05 36 00-1859	EA		24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	818.22 -54.67	325.88
26 05 36 00-1860	EA		30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	929.50 -61.95	372.06
26 05 36 00-1861	EA		36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,047.41 -68.53	434.51
26 05 36 00-1862			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1863	EA		6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	562.18 -43.47	152.95
26 05 36 00-1864	EA		12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	688.09 -50.68	217.59
26 05 36 00-1865	EA		18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	845.41 -60.38	289.93
26 05 36 00-1866	EA		24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,007.44 -69.74	372.06
26 05 36 00-1867	EA		30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,120.77 -75.87	434.51
26 05 36 00-1868	EA		36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,307.77 -87.40	520.54
26 05 36 00-1869			12" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1870	EA		6" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	620.19 -40.29	260.71
26 05 36 00-1871	EA		12" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	748.37 -47.73	325.23
26 05 36 00-1872	EA		18" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	855.26 -54.45	372.81
26 05 36 00-1873	EA		24" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	994.69 -63.26	434.51
26 05 36 00-1874	EA		30" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,098.92 -70.42	473.62
26 05 36 00-1875	EA		36" Horizontal Tee, Vented Bottom, 12" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,206.91 -77.31	520.54
26 05 36 00-1876			24" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1877	EA		6" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	789.55 -54.84	289.38
26 05 36 00-1878	EA		12" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	954.72 -64.47	372.06
26 05 36 00-1879	EA		18" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,097.85 -73.58	434.51
26 05 36 00-1880	EA		24" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,353.62 -91.98	520.54
26 05 36 00-1881	EA		30" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,493.68 -101.05	579.86
26 05 36 00-1882	EA		36" Horizontal Tee, Vented Bottom, 24" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,668.55 -112.54	651.77
26 05 36 00-1883			36" Radius Horizontal Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1884	EA		6" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	983.27 -71.17	325.88
26 05 36 00-1885	EA		12" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,226.22 -86.41	434.51
26 05 36 00-1886	EA		18" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,418.30 -98.31	522.29
26 05 36 00-1887	EA		24" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,746.49 -120.33	651.77
26 05 36 00-1888	EA		30" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,944.91 -132.20	747.47
26 05 36 00-1889	EA		36" Horizontal Tee, Vented Bottom, 36" Radius, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,269.78 -154.75	866.75
26 05 36 00-1890			12" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1891 EA 6" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	743.98 -52.67	260.71
26 05 36 00-1892 EA 12" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	857.19 -58.56	325.88
26 05 36 00-1893 EA 18" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	899.98 -61.05	347.40
26 05 36 00-1894 EA 24" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	959.30 -64.93	372.06
26 05 36 00-1895 EA 30" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,028.80 -69.44	401.38
26 05 36 00-1896 EA 36" Vertical Tee, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,156.23 -76.15	473.62
26 05 36 00-1897 24" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1898 EA 6" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	897.29 -65.61	289.38
26 05 36 00-1899 EA 12" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,055.58 -74.56	372.06
26 05 36 00-1900 EA 18" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,125.08 -79.06	401.38
26 05 36 00-1901 EA 24" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,214.76 -85.27	434.51
26 05 36 00-1902 EA 30" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,305.23 -91.05	473.62
26 05 36 00-1903 EA 36" Vertical Tee, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,525.78 -104.26	579.86
26 05 36 00-1904 36" Radius Vertical Tees <small>(26 05 36 00-1805)</small>		
26 05 36 00-1905 EA 6" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,202.26 -93.12	325.23
26 05 36 00-1906 EA 12" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,400.44 -103.83	434.51
26 05 36 00-1907 EA 18" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,488.62 -109.39	473.62
26 05 36 00-1908 EA 24" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,615.44 -118.02	522.29
26 05 36 00-1909 EA 30" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,826.08 -134.29	579.86
26 05 36 00-1910 EA 36" Vertical Tee, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,111.15 -149.11	744.00
26 05 36 00-1911 12" Radius Horizontal Crosses <small>(26 05 36 00-1805)</small>		
26 05 36 00-1912 EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	781.55 -51.00	325.88
26 05 36 00-1913 EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	862.14 -55.14	372.81
26 05 36 00-1914 EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	992.40 -63.03	434.51
26 05 36 00-1915 EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,149.60 -71.58	520.54
26 05 36 00-1916 EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,279.37 -79.79	577.80
26 05 36 00-1917 EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,441.61 -89.85	651.77
26 05 36 00-1918 24" Radius Horizontal Crosses <small>(26 05 36 00-1805)</small>		
26 05 36 00-1919 EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	995.10 -68.44	372.81
26 05 36 00-1920 EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,116.18 -75.41	434.51
26 05 36 00-1921 EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,298.60 -86.48	520.54
26 05 36 00-1922 EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,634.17 -109.10	651.77
26 05 36 00-1923 EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,845.23 -122.52	744.00
26 05 36 00-1924 EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,086.39 -136.41	866.75
26 05 36 00-1925 36" Radius Horizontal Crosses <small>(26 05 36 00-1805)</small>		
26 05 36 00-1926 EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,354.59 -99.25	434.51
26 05 36 00-1927 EA 12" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,532.91 -109.77	522.29
26 05 36 00-1928 EA 18" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,762.54 -121.94	651.77
26 05 36 00-1929 EA 24" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,266.04 -153.99	871.31

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1930	EA		30" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,634.86 -176.44	1,044.47
26 05 36 00-1931	EA		36" Horizontal Cross, Vented Bottom, 36" Radius, Steel Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	3,135.36 -204.91	1,303.55
26 05 36 00-1932			Straight Reducers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1933	EA		12" To 6" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	300.76 -20.83	111.01
26 05 36 00-1934	EA		18" To 12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	327.03 -22.37	124.06
26 05 36 00-1935	EA		24" To 18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	369.33 -24.89	144.59
26 05 36 00-1936	EA		30" To 24" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	404.53 -26.87	162.94
26 05 36 00-1937	EA		36" To 30" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	441.22 -29.17	179.45
26 05 36 00-1938			Reducers <small>(26 05 36 00-1805)</small>		
26 05 36 00-1939	EA		18" To 6" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	327.03 -22.37	124.06
26 05 36 00-1940	EA		24" To 12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	367.48 -24.68	144.80
26 05 36 00-1941	EA		30" To 12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	401.96 -26.63	162.72
26 05 36 00-1942	EA		30" To 18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	403.99 -26.85	162.62
26 05 36 00-1943	EA		36" To 12" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	438.92 -28.94	179.45
26 05 36 00-1944	EA		36" To 18" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	441.22 -29.17	179.45
26 05 36 00-1945	EA		36" To 24" Reducer, Vented Bottom, Steel Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	444.17 -29.43	179.89
26 05 36 00-1946			Dropout Or End Plate <small>(26 05 36 00-1805)</small>		
26 05 36 00-1947	EA		6" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	94.42	40.09
26 05 36 00-1948	EA		12" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	112.14	47.04
26 05 36 00-1949	EA		18" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	123.56	51.93
26 05 36 00-1950	EA		24" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	139.10	57.90
26 05 36 00-1951	EA		30" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	154.12	65.07
26 05 36 00-1952	EA		36" Dropout Or End Plate, Vented Bottom, Steel Cable Tray	180.12	77.78
26 05 36 00-1953			Vented Bottom Aluminum Cable Tray <small>(26 05 36 00-1797)</small>		
26 05 36 00-1954	LF		6" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	34.82 -2.77	8.47
26 05 36 00-1955	LF		9" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	38.65 -3.09	9.34
26 05 36 00-1956	LF		12" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	43.24 -3.46	10.43
26 05 36 00-1957	LF		18" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	50.44 -4.07	11.62
26 05 36 00-1958	LF		24" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	57.96 -4.72	12.92
26 05 36 00-1959	LF		30" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	73.84 -6.14	14.89
26 05 36 00-1960	LF		36" Vented Bottom Aluminum Cable Tray, Straight Section <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	82.03 -6.75	17.49
26 05 36 00-1961			Vented Bottom Aluminum Cable Tray Fittings <small>(26 05 36 00-1797)</small>		
26 05 36 00-1962			90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1963	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	404.60 -29.02	137.31
26 05 36 00-1964	EA		9" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	439.57 -31.53	149.04
26 05 36 00-1965	EA		12" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	483.53 -34.37	167.83
26 05 36 00-1966	EA		18" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	546.99 -39.20	185.97
26 05 36 00-1967	EA		24" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	653.43 -46.43	226.93
26 05 36 00-1968	EA		30" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	774.11 -55.65	261.14
26 05 36 00-1969	EA		36" Horizontal 90 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	852.70 -61.11	289.93
26 05 36 00-1970			90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1971	EA		6" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	495.99 -37.54	144.70

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-1972 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	597.88 -44.80	179.89
26 05 36 00-1973 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	678.44 -51.12	200.63
26 05 36 00-1974 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	805.76 -59.91	248.00
26 05 36 00-1975 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	929.98 -68.92	288.95
26 05 36 00-1976 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,027.28 -75.57	325.88
26 05 36 00-1977 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1978 EA 6" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	614.29 -48.68	152.95
26 05 36 00-1979 EA 12" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	732.39 -57.13	193.25
26 05 36 00-1980 EA 18" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	828.88 -64.76	217.59
26 05 36 00-1981 EA 24" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	966.82 -73.82	274.29
26 05 36 00-1982 EA 30" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,041.83 -82.03	265.82
26 05 36 00-1983 EA 36" Horizontal 90 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,269.80 -95.98	372.06
26 05 36 00-1984 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1985 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	366.12 -25.16	137.42
26 05 36 00-1986 EA 9" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	397.76 -27.34	149.26
26 05 36 00-1987 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	438.68 -29.88	167.83
26 05 36 00-1988 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	494.50 -33.97	185.76
26 05 36 00-1989 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	592.36 -40.35	226.60
26 05 36 00-1990 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	699.55 -48.19	261.14
26 05 36 00-1991 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	770.56 -52.94	289.38
26 05 36 00-1992 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-1993 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	440.15 -31.95	144.80
26 05 36 00-1994 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	532.29 -38.24	179.89
26 05 36 00-1995 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	603.18 -43.58	200.97
26 05 36 00-1996 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	720.06 -51.31	248.43
26 05 36 00-1997 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	833.03 -59.14	289.93
26 05 36 00-1998 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 24" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	920.77 -64.92	325.88
26 05 36 00-1999 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-1961)</small>		
26 05 36 00-2000 EA 6" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	535.72 -40.80	153.28
26 05 36 00-2001 EA 12" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	641.37 -48.07	192.82
26 05 36 00-2002 EA 18" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	726.29 -54.50	217.59
26 05 36 00-2003 EA 24" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	855.47 -62.65	274.83
26 05 36 00-2004 EA 30" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	978.50 -72.28	306.88
26 05 36 00-2005 EA 36" Horizontal 45 Degree Elbow, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,128.26 -81.75	372.81
26 05 36 00-2006 90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2007 EA 6" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	442.25 -32.81	136.87
26 05 36 00-2008 EA 9" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	474.56 -35.07	148.72
26 05 36 00-2009 EA 12" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	509.01 -36.92	167.83
26 05 36 00-2010 EA 18" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	546.99 -39.20	185.97

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2011	EA		24" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	640.69 -45.16	226.93
26 05 36 00-2012	EA		30" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	710.41 -49.28	261.14
26 05 36 00-2013	EA		36" Vertical Riser 90 Degree, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	760.12 -51.89	289.38
26 05 36 00-2014			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2015	EA		6" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	529.12 -40.85	144.70
26 05 36 00-2016	EA		12" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	613.17 -46.33	179.89
26 05 36 00-2017	EA		18" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	675.89 -50.87	200.63
26 05 36 00-2018	EA		24" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	760.53 -55.35	248.43
26 05 36 00-2019	EA		30" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	846.75 -60.56	289.38
26 05 36 00-2020	EA		36" Vertical Riser 90 Degree, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	925.36 -65.38	325.88
26 05 36 00-2021			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-1961)</small>		
26 05 36 00-2022	EA		6" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	611.74 -48.42	152.95
26 05 36 00-2023	EA		12" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	704.36 -54.33	193.25
26 05 36 00-2024	EA		18" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	790.66 -60.94	217.59
26 05 36 00-2025	EA		24" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	920.95 -69.24	274.29
26 05 36 00-2026	EA		30" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,021.06 -76.53	306.88
26 05 36 00-2027	EA		36" Vertical Riser 90 Degree, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,144.94 -83.49	372.06
26 05 36 00-2028			12" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2029	EA		6" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	702.06 -48.48	260.71
26 05 36 00-2030	EA		9" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	732.39 -50.38	274.29
26 05 36 00-2031	EA		12" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	779.64 -53.89	288.95
26 05 36 00-2032	EA		18" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	890.78 -61.87	326.54
26 05 36 00-2033	EA		24" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,017.54 -70.75	372.06
26 05 36 00-2034	EA		30" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,149.73 -78.76	434.51
26 05 36 00-2035	EA		36" Horizontal Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,273.59 -87.89	473.62
26 05 36 00-2036			24" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2037	EA		6" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	890.07 -64.89	289.38
26 05 36 00-2038	EA		12" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,005.82 -73.48	325.23
26 05 36 00-2039	EA		18" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,129.66 -81.96	372.06
26 05 36 00-2040	EA		24" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,359.29 -99.82	433.32
26 05 36 00-2041	EA		30" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,558.42 -112.32	522.29
26 05 36 00-2042	EA		36" Horizontal Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,769.10 -128.59	579.86
26 05 36 00-2043			36" Radius Horizontal Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2044	EA		6" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,198.01 -92.64	325.88
26 05 36 00-2045	EA		12" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,371.73 -106.17	372.06
26 05 36 00-2046	EA		18" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,458.45 -115.60	362.93
26 05 36 00-2047	EA		24" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,861.41 -142.76	520.54
26 05 36 00-2048	EA		30" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,148.12 -160.28	654.37
26 05 36 00-2049	EA		36" Horizontal Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,463.15 -184.31	744.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2050 12" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2051 EA 6" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	801.44	260.71
For 4-5/8" Overall Height Instead Of 6", Deduct	-58.42	
26 05 36 00-2052 EA 9" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	826.67	274.29
For 4-5/8" Overall Height Instead Of 6", Deduct	-59.81	
26 05 36 00-2053 EA 12" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	879.88	289.38
For 4-5/8" Overall Height Instead Of 6", Deduct	-63.87	
26 05 36 00-2054 EA 18" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	911.49	306.88
For 4-5/8" Overall Height Instead Of 6", Deduct	-65.58	
26 05 36 00-2055 EA 24" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	952.31	325.23
For 4-5/8" Overall Height Instead Of 6", Deduct	-68.13	
26 05 36 00-2056 EA 30" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,007.14	347.40
For 4-5/8" Overall Height Instead Of 6", Deduct	-71.76	
26 05 36 00-2057 EA 36" Vertical Tee, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,113.18	400.30
For 4-5/8" Overall Height Instead Of 6", Deduct	-77.96	
26 05 36 00-2058 24" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2059 EA 6" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,002.19	289.38
For 4-5/8" Overall Height Instead Of 6", Deduct	-76.10	
26 05 36 00-2060 EA 12" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,102.65	325.23
For 4-5/8" Overall Height Instead Of 6", Deduct	-83.16	
26 05 36 00-2061 EA 18" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,177.86	347.40
For 4-5/8" Overall Height Instead Of 6", Deduct	-88.83	
26 05 36 00-2062 EA 24" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,257.06	372.06
For 4-5/8" Overall Height Instead Of 6", Deduct	-94.70	
26 05 36 00-2063 EA 30" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,355.26	400.30
For 4-5/8" Overall Height Instead Of 6", Deduct	-102.16	
26 05 36 00-2064 EA 36" Vertical Tee, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,492.49	475.03
For 4-5/8" Overall Height Instead Of 6", Deduct	-109.66	
26 05 36 00-2065 36" Radius Vertical Tees <small>(26 05 36 00-1961)</small>		
26 05 36 00-2066 EA 6" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,344.72	325.23
For 4-5/8" Overall Height Instead Of 6", Deduct	-107.37	
26 05 36 00-2067 EA 12" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,473.65	372.06
For 4-5/8" Overall Height Instead Of 6", Deduct	-116.36	
26 05 36 00-2068 EA 18" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,546.36	400.30
For 4-5/8" Overall Height Instead Of 6", Deduct	-121.27	
26 05 36 00-2069 EA 24" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,668.94	435.70
For 4-5/8" Overall Height Instead Of 6", Deduct	-130.59	
26 05 36 00-2070 EA 30" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,811.00	475.03
For 4-5/8" Overall Height Instead Of 6", Deduct	-141.51	
26 05 36 00-2071 EA 36" Vertical Tee, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	2,033.23	577.80
For 4-5/8" Overall Height Instead Of 6", Deduct	-155.17	
26 05 36 00-2072 12" Radius Horizontal Crosses <small>(26 05 36 00-1961)</small>		
26 05 36 00-2073 EA 6" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	816.17	289.38
For 4-5/8" Overall Height Instead Of 6", Deduct	-57.50	
26 05 36 00-2074 EA 9" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	868.17	306.88
For 4-5/8" Overall Height Instead Of 6", Deduct	-61.25	
26 05 36 00-2075 EA 12" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	911.16	326.54
For 4-5/8" Overall Height Instead Of 6", Deduct	-63.90	
26 05 36 00-2076 EA 18" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,004.80	372.06
For 4-5/8" Overall Height Instead Of 6", Deduct	-69.48	
26 05 36 00-2077 EA 24" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,150.35	433.32
For 4-5/8" Overall Height Instead Of 6", Deduct	-78.92	
26 05 36 00-2078 EA 30" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,306.98	472.31
For 4-5/8" Overall Height Instead Of 6", Deduct	-91.34	
26 05 36 00-2079 EA 36" Horizontal Cross, Vented Bottom, 12" Radius, Aluminum Cable Tray.....	1,593.28	579.86
For 4-5/8" Overall Height Instead Of 6", Deduct	-111.01	
26 05 36 00-2080 24" Radius Horizontal Crosses <small>(26 05 36 00-1961)</small>		
26 05 36 00-2081 EA 6" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,143.04	326.54
For 4-5/8" Overall Height Instead Of 6", Deduct	-87.09	
26 05 36 00-2082 EA 12" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,274.90	372.06
For 4-5/8" Overall Height Instead Of 6", Deduct	-96.49	
26 05 36 00-2083 EA 18" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,428.09	433.32
For 4-5/8" Overall Height Instead Of 6", Deduct	-106.70	
26 05 36 00-2084 EA 24" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,683.04	520.54
For 4-5/8" Overall Height Instead Of 6", Deduct	-124.92	
26 05 36 00-2085 EA 30" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	1,842.12	577.80
For 4-5/8" Overall Height Instead Of 6", Deduct	-136.06	
26 05 36 00-2086 EA 36" Horizontal Cross, Vented Bottom, 24" Radius, Aluminum Cable Tray.....	2,233.82	744.00
For 4-5/8" Overall Height Instead Of 6", Deduct	-161.38	
26 05 36 00-2087 36" Radius Horizontal Crosses <small>(26 05 36 00-1961)</small>		
26 05 36 00-2088 EA 6" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray.....	1,601.06	372.06
For 4-5/8" Overall Height Instead Of 6", Deduct	-129.10	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2089	EA		12" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	1,770.86 -140.78	435.70
26 05 36 00-2090	EA		18" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,001.56 -156.77	520.54
26 05 36 00-2091	EA		24" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,402.94 -185.76	654.37
26 05 36 00-2092	EA		30" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	2,672.69 -204.98	747.47
26 05 36 00-2093	EA		36" Horizontal Cross, Vented Bottom, 36" Radius, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	3,100.81 -237.85	866.75
26 05 36 00-2094			Straight Reducers (26 05 36 00-1961)		
26 05 36 00-2095	EA		9" To 6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	308.00 -23.55	86.90
26 05 36 00-2096	EA		12" To 9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	323.29 -24.70	91.58
26 05 36 00-2097	EA		18" To 12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	364.40 -27.39	108.52
26 05 36 00-2098	EA		24" To 18" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	402.73 -29.95	123.95
26 05 36 00-2099	EA		30" To 24" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	442.70 -32.20	144.80
26 05 36 00-2100	EA		36" To 30" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	479.98 -34.45	162.62
26 05 36 00-2101			Reducers (26 05 36 00-1961)		
26 05 36 00-2102	EA		12" To 6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	323.04 -24.69	91.36
26 05 36 00-2103	EA		18" To 6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	364.28 -27.39	108.52
26 05 36 00-2104	EA		18" To 9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	364.28 -27.39	108.52
26 05 36 00-2105	EA		24" To 6" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	402.89 -29.96	124.06
26 05 36 00-2106	EA		24" To 9" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	402.89 -29.96	124.06
26 05 36 00-2107	EA		24" To 12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	403.20 -29.97	124.17
26 05 36 00-2108	EA		30" To 12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	447.58 -32.70	144.70
26 05 36 00-2109	EA		30" To 18" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	442.26 -32.18	144.59
26 05 36 00-2110	EA		36" To 12" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	479.98 -34.45	162.62
26 05 36 00-2111	EA		36" To 18" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	479.98 -34.45	162.62
26 05 36 00-2112	EA		36" To 24" Reducer, Vented Bottom, Aluminum Cable Tray..... <i>For 4-5/8" Overall Height Instead Of 6", Deduct</i>	480.52 -34.47	162.94
26 05 36 00-2113			Dropout Or End Plate (26 05 36 00-1961)		
26 05 36 00-2114	EA		6" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	100.18	40.09
26 05 36 00-2115	EA		9" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	109.33	43.78
26 05 36 00-2116	EA		12" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	117.83	47.04
26 05 36 00-2117	EA		18" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	134.06	51.93
26 05 36 00-2118	EA		24" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	153.91	57.90
26 05 36 00-2119	EA		30" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	169.66	65.07
26 05 36 00-2120	EA		36" Dropout Or End Plate, Vented Bottom, Aluminum Cable Tray	194.25	74.52
26 05 36 00-2121			Cable Tray Covers And Dividers (26 05 36 00-0001)		
26 05 36 00-2122			Galvanized Steel Covers (26 05 36 00-2121)		
26 05 36 00-2123			Ventilated Straight Sections (26 05 36 00-2122)		
26 05 36 00-2124	LF		6" Steel Cable Tray Cover, Straight Section	10.53	1.95
26 05 36 00-2125	LF		9" Steel Cable Tray Cover, Straight Section	12.74	2.29
26 05 36 00-2126	LF		12" Steel Cable Tray Cover, Straight Section	15.00	2.61
26 05 36 00-2127	LF		18" Steel Cable Tray Cover, Straight Section	20.34	3.48
26 05 36 00-2128	LF		24" Steel Cable Tray Cover, Straight Section	25.72	4.67
26 05 36 00-2129	LF		30" Steel Cable Tray Cover, Straight Section	31.18	5.75
26 05 36 00-2130	LF		36" Steel Cable Tray Cover, Straight Section	133.49	65.28
26 05 36 00-2131			90 Degree, 12" Radius Horizontal Elbows (26 05 36 00-2122)		
26 05 36 00-2132	EA		6" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	65.50	6.96
26 05 36 00-2133	EA		9" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	73.18	8.15
26 05 36 00-2134	EA		12" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	79.08	9.66
26 05 36 00-2135	EA		18" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	107.74	12.38
26 05 36 00-2136	EA		24" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	131.76	15.75
26 05 36 00-2137	EA		30" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	159.72	17.49
26 05 36 00-2138	EA		36" Horizontal 90 Degree Elbow, 12" Radius, Steel Cable Tray Cover.....	192.98	20.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2139 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2140 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	102.21	7.71
26 05 36 00-2141 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	106.68	9.01
26 05 36 00-2142 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	120.16	10.87
26 05 36 00-2143 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	149.00	13.79
26 05 36 00-2144 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	182.59	17.38
26 05 36 00-2145 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	235.13	19.99
26 05 36 00-2146 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Steel Cable Tray Cover	273.36	23.68
26 05 36 00-2147 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2148 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	145.08	8.69
26 05 36 00-2149 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	161.15	9.99
26 05 36 00-2150 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	174.26	12.38
26 05 36 00-2151 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	221.28	14.45
26 05 36 00-2152 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	267.24	20.10
26 05 36 00-2153 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	315.18	22.71
26 05 36 00-2154 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Steel Cable Tray Cover	368.91	26.07
26 05 36 00-2155 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2156 EA 6" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	49.92	6.96
For 60 Degree Bend, Deduct	-13.80	
For 30 Degree Bend, Deduct	-23.38	
26 05 36 00-2157 EA 9" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	59.43	8.15
For 60 Degree Bend, Deduct	-16.49	
For 30 Degree Bend, Deduct	-27.93	
26 05 36 00-2158 EA 12" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	66.47	9.66
For 60 Degree Bend, Deduct	-18.25	
For 30 Degree Bend, Deduct	-30.94	
26 05 36 00-2159 EA 18" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	80.48	11.84
For 60 Degree Bend, Deduct	-22.02	
For 30 Degree Bend, Deduct	-37.36	
26 05 36 00-2160 EA 24" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	93.97	13.68
For 60 Degree Bend, Deduct	-25.74	
For 30 Degree Bend, Deduct	-43.67	
26 05 36 00-2161 EA 30" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	110.01	15.75
For 60 Degree Bend, Deduct	-30.25	
For 30 Degree Bend, Deduct	-51.29	
26 05 36 00-2162 EA 36" Horizontal 45 Degree Elbow, 12" Radius, Steel Cable Tray Cover	122.96	17.38
For 60 Degree Bend, Deduct	-33.91	
For 30 Degree Bend, Deduct	-57.49	
26 05 36 00-2163 45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2164 EA 6" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	68.98	7.71
For 60 Degree Bend, Deduct	-19.81	
For 30 Degree Bend, Deduct	-33.45	
26 05 36 00-2165 EA 9" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	78.03	9.01
For 60 Degree Bend, Deduct	-22.30	
For 30 Degree Bend, Deduct	-37.67	
26 05 36 00-2166 EA 12" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	89.21	10.87
For 60 Degree Bend, Deduct	-25.26	
For 30 Degree Bend, Deduct	-42.71	
26 05 36 00-2167 EA 18" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	103.14	13.03
For 60 Degree Bend, Deduct	-29.03	
For 30 Degree Bend, Deduct	-49.11	
26 05 36 00-2168 EA 24" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	118.86	14.89
For 60 Degree Bend, Deduct	-33.50	
For 30 Degree Bend, Deduct	-56.67	
26 05 36 00-2169 EA 30" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	148.24	17.38
For 60 Degree Bend, Deduct	-42.24	
For 30 Degree Bend, Deduct	-71.37	
26 05 36 00-2170 EA 36" Horizontal 45 Degree Elbow, 24" Radius, Steel Cable Tray Cover	164.11	20.10
For 60 Degree Bend, Deduct	-46.46	
For 30 Degree Bend, Deduct	-78.55	
26 05 36 00-2171 45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2122)</small>		
26 05 36 00-2172 EA 6" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	95.83	8.69
For 60 Degree Bend, Deduct	-28.30	
For 30 Degree Bend, Deduct	-47.65	
26 05 36 00-2173 EA 9" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	108.42	9.99
For 60 Degree Bend, Deduct	-31.93	
For 30 Degree Bend, Deduct	-53.78	
26 05 36 00-2174 EA 12" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	121.47	12.38
For 60 Degree Bend, Deduct	-35.34	
For 30 Degree Bend, Deduct	-59.60	
26 05 36 00-2175 EA 18" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover	138.71	13.79
For 60 Degree Bend, Deduct	-40.50	
For 30 Degree Bend, Deduct	-68.26	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2176	EA		24" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	169.04 -49.33 -83.15	16.84
26 05 36 00-2177	EA		30" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	187.04 -54.03 -91.16	20.10
26 05 36 00-2178	EA		36" Horizontal 45 Degree Elbow, 36" Radius, Steel Cable Tray Cover..... <i>For 60 Degree Bend, Deduct</i> <i>For 30 Degree Bend, Deduct</i>	221.91 -64.90 -109.37	21.72
26 05 36 00-2179			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-2122)</small>		
26 05 36 00-2180	EA		6" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	56.53	6.96
26 05 36 00-2181	EA		9" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	59.43	8.15
26 05 36 00-2182	EA		12" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	65.33	9.66
26 05 36 00-2183	EA		18" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	75.92	11.84
26 05 36 00-2184	EA		24" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	82.86	15.32
26 05 36 00-2185	EA		30" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	92.10	17.49
26 05 36 00-2186	EA		36" Vertical Riser 90 Degree, 12" Radius, Steel Cable Tray Cover	116.11	20.86
26 05 36 00-2187			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-2122)</small>		
26 05 36 00-2188	EA		6" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	67.83	7.71
26 05 36 00-2189	EA		9" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	75.74	9.01
26 05 36 00-2190	EA		12" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	81.19	10.87
26 05 36 00-2191	EA		18" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	105.39	13.03
26 05 36 00-2192	EA		24" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	122.02	16.84
26 05 36 00-2193	EA		30" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	140.02	20.10
26 05 36 00-2194	EA		36" Vertical Riser 90 Degree, 24" Radius, Steel Cable Tray Cover	161.04	23.68
26 05 36 00-2195			90 Degree, 36" Radius Vertical Risers <small>(26 05 36 00-2122)</small>		
26 05 36 00-2196	EA		6" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	78.61	8.69
26 05 36 00-2197	EA		9" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	98.11	9.99
26 05 36 00-2198	EA		12" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	112.36	12.38
26 05 36 00-2199	EA		18" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	138.71	13.79
26 05 36 00-2200	EA		24" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	160.49	19.23
26 05 36 00-2201	EA		30" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	191.39	22.71
26 05 36 00-2202	EA		36" Vertical Riser 90 Degree, 36" Radius, Steel Cable Tray Cover	224.49	26.07
26 05 36 00-2203			12" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>		
26 05 36 00-2204	EA		6" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	100.28	11.30
26 05 36 00-2205	EA		9" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	105.39	13.03
26 05 36 00-2206	EA		12" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	119.46	15.32
26 05 36 00-2207	EA		18" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	143.66	17.38
26 05 36 00-2208	EA		24" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	177.87	20.10
26 05 36 00-2209	EA		30" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	217.83	28.89
26 05 36 00-2210	EA		36" Horizontal Tee, 12" Radius, Steel Cable Tray Cover.....	261.82	34.66
26 05 36 00-2211			24" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>		
26 05 36 00-2212	EA		6" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	148.13	11.84
26 05 36 00-2213	EA		9" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	169.65	13.79
26 05 36 00-2214	EA		12" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	178.43	16.29
26 05 36 00-2215	EA		18" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	225.92	18.69
26 05 36 00-2216	EA		24" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	334.13	21.72
26 05 36 00-2217	EA		30" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	393.62	32.59
26 05 36 00-2218	EA		36" Horizontal Tee, 24" Radius, Steel Cable Tray Cover.....	440.46	40.09
26 05 36 00-2219			36" Radius Horizontal Tees <small>(26 05 36 00-2122)</small>		
26 05 36 00-2220	EA		6" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	252.17	12.38
26 05 36 00-2221	EA		9" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	260.23	14.45
26 05 36 00-2222	EA		12" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	290.33	17.38
26 05 36 00-2223	EA		18" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	340.69	20.10
26 05 36 00-2224	EA		24" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	443.00	23.68
26 05 36 00-2225	EA		30" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	500.07	37.37
26 05 36 00-2226	EA		36" Horizontal Tee, 36" Radius, Steel Cable Tray Cover.....	576.20	47.26
26 05 36 00-2227			12" Radius Horizontal Crosses <small>(26 05 36 00-2122)</small>		
26 05 36 00-2228	EA		6" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	147.03	15.32
26 05 36 00-2229	EA		9" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	155.53	16.29
26 05 36 00-2230	EA		12" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	172.31	17.38
26 05 36 00-2231	EA		18" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	203.09	20.10
26 05 36 00-2232	EA		24" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	254.46	28.89
26 05 36 00-2233	EA		30" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	293.85	34.66
26 05 36 00-2234	EA		36" Horizontal Cross, 12" Radius, Steel Cable Tray Cover.....	337.11	37.26

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2235 24" Radius Horizontal Crosses <small>(26 05 36 00-2122)</small>		
26 05 36 00-2236 EA 6" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	258.72	16.29
26 05 36 00-2237 EA 9" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	281.16	17.38
26 05 36 00-2238 EA 12" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	301.57	18.69
26 05 36 00-2239 EA 18" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	359.34	21.72
26 05 36 00-2240 EA 24" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	448.60	32.59
26 05 36 00-2241 EA 30" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	511.44	40.09
26 05 36 00-2242 EA 36" Horizontal Cross, 24" Radius, Steel Cable Tray Cover	572.01	43.35
26 05 36 00-2243 36" Radius Horizontal Crosses <small>(26 05 36 00-2122)</small>		
26 05 36 00-2244 EA 6" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	416.41	17.38
26 05 36 00-2245 EA 9" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	432.23	18.69
26 05 36 00-2246 EA 12" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	455.31	20.10
26 05 36 00-2247 EA 18" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	525.52	23.68
26 05 36 00-2248 EA 24" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	681.12	37.26
26 05 36 00-2249 EA 30" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	743.90	47.47
26 05 36 00-2250 EA 36" Horizontal Cross, 36" Radius, Steel Cable Tray Cover	797.53	52.14
26 05 36 00-2251 Reducers <small>(26 05 36 00-2122)</small>		
26 05 36 00-2252 EA 9" To 6" Reducer, Steel Cable Tray Covers.....	65.16	8.15
26 05 36 00-2253 EA 12" To 6" Reducer, Steel Cable Tray Covers.....	69.95	9.66
26 05 36 00-2254 EA 12" To 9" Reducer, Steel Cable Tray Covers.....	69.95	9.66
26 05 36 00-2255 EA 18" To 6" Reducer, Steel Cable Tray Covers.....	77.06	11.84
26 05 36 00-2256 EA 18" To 12" Reducer, Steel Cable Tray Covers.....	77.06	11.84
26 05 36 00-2257 EA 24" To 12" Reducer, Steel Cable Tray Covers.....	95.08	13.03
26 05 36 00-2258 EA 24" To 18" Reducer, Steel Cable Tray Covers.....	101.95	13.03
26 05 36 00-2259 EA 30" To 12" Reducer, Steel Cable Tray Covers.....	98.21	14.89
26 05 36 00-2260 EA 30" To 18" Reducer, Steel Cable Tray Covers.....	105.08	14.89
26 05 36 00-2261 EA 30" To 24" Reducer, Steel Cable Tray Covers.....	109.67	14.89
26 05 36 00-2262 EA 36" To 12" Reducer, Steel Cable Tray Covers.....	114.21	16.29
26 05 36 00-2263 EA 36" To 18" Reducer, Steel Cable Tray Covers.....	116.50	16.29
26 05 36 00-2264 EA 36" To 24" Reducer, Steel Cable Tray Covers.....	118.79	16.29
26 05 36 00-2265 EA 36" To 30" Reducer, Steel Cable Tray Covers.....	119.94	16.29
26 05 36 00-2266 Aluminum Covers <small>(26 05 36 00-2121)</small>		
26 05 36 00-2267 Ventilated Straight Sections <small>(26 05 36 00-2266)</small>		
26 05 36 00-2268 LF 6" Aluminum Cable Tray Cover, Straight Section	10.92	1.95
26 05 36 00-2269 LF 9" Aluminum Cable Tray Cover, Straight Section	13.03	2.29
26 05 36 00-2270 LF 12" Aluminum Cable Tray Cover, Straight Section	15.32	2.61
26 05 36 00-2271 LF 18" Aluminum Cable Tray Cover, Straight Section	20.37	3.48
26 05 36 00-2272 LF 24" Aluminum Cable Tray Cover, Straight Section	26.17	4.67
26 05 36 00-2273 LF 30" Aluminum Cable Tray Cover, Straight Section	29.71	5.75
26 05 36 00-2274 LF 36" Aluminum Cable Tray Cover, Straight Section	130.18	65.28
26 05 36 00-2275 90 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2276 EA 6" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	61.38	6.96
26 05 36 00-2277 EA 9" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	65.49	8.15
26 05 36 00-2278 EA 12" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	72.28	9.66
26 05 36 00-2279 EA 18" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	94.17	12.38
26 05 36 00-2280 EA 24" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	119.32	15.75
26 05 36 00-2281 EA 30" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	140.45	17.49
26 05 36 00-2282 EA 36" Horizontal 90 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	171.08	20.86
26 05 36 00-2283 90 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2284 EA 6" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	80.94	7.71
26 05 36 00-2285 EA 9" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	99.35	9.01
26 05 36 00-2286 EA 12" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	111.16	10.87
26 05 36 00-2287 EA 18" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	133.23	13.79
26 05 36 00-2288 EA 24" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	165.27	17.38
26 05 36 00-2289 EA 30" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	199.95	19.99
26 05 36 00-2290 EA 36" Horizontal 90 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	245.02	23.68
26 05 36 00-2291 90 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2292 EA 6" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	131.22	8.69
26 05 36 00-2293 EA 9" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	144.35	9.99
26 05 36 00-2294 EA 12" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	165.59	12.38
26 05 36 00-2295 EA 18" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	197.18	14.45
26 05 36 00-2296 EA 24" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	243.23	20.10
26 05 36 00-2297 EA 30" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	280.06	22.71
26 05 36 00-2298 EA 36" Horizontal 90 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	326.74	26.07
26 05 36 00-2299 45 Degree, 12" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2300	EA		6" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	48.41	6.96
			<i>For 30 Degree Bend, Deduct</i>	-22.55	
			<i>For 60 Degree Bend, Deduct</i>	-13.30	
26 05 36 00-2301	EA		9" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	51.43	8.15
			<i>For 30 Degree Bend, Deduct</i>	-23.53	
			<i>For 60 Degree Bend, Deduct</i>	-13.85	
26 05 36 00-2302	EA		12" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	58.43	9.66
			<i>For 30 Degree Bend, Deduct</i>	-26.52	
			<i>For 60 Degree Bend, Deduct</i>	-15.59	
26 05 36 00-2303	EA		18" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	68.40	11.84
			<i>For 30 Degree Bend, Deduct</i>	-30.71	
			<i>For 60 Degree Bend, Deduct</i>	-18.03	
26 05 36 00-2304	EA		24" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	76.98	13.68
			<i>For 30 Degree Bend, Deduct</i>	-34.32	
			<i>For 60 Degree Bend, Deduct</i>	-20.13	
26 05 36 00-2305	EA		30" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	94.47	15.75
			<i>For 30 Degree Bend, Deduct</i>	-42.74	
			<i>For 60 Degree Bend, Deduct</i>	-25.12	
26 05 36 00-2306	EA		36" Horizontal 45 Degree Elbow, 12" Radius, Aluminum Cable Tray Cover.....	111.16	17.38
			<i>For 30 Degree Bend, Deduct</i>	-51.00	
			<i>For 60 Degree Bend, Deduct</i>	-30.02	
26 05 36 00-2307			45 Degree, 24" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2308	EA		6" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	55.54	7.71
			<i>For 30 Degree Bend, Deduct</i>	-26.06	
			<i>For 60 Degree Bend, Deduct</i>	-15.38	
26 05 36 00-2309	EA		9" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	69.06	9.01
			<i>For 30 Degree Bend, Deduct</i>	-32.74	
			<i>For 60 Degree Bend, Deduct</i>	-19.34	
26 05 36 00-2310	EA		12" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	74.39	10.87
			<i>For 30 Degree Bend, Deduct</i>	-34.56	
			<i>For 60 Degree Bend, Deduct</i>	-20.37	
26 05 36 00-2311	EA		18" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	89.89	13.03
			<i>For 30 Degree Bend, Deduct</i>	-41.82	
			<i>For 60 Degree Bend, Deduct</i>	-24.66	
26 05 36 00-2312	EA		24" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	109.23	14.89
			<i>For 30 Degree Bend, Deduct</i>	-51.37	
			<i>For 60 Degree Bend, Deduct</i>	-30.33	
26 05 36 00-2313	EA		30" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	126.37	17.38
			<i>For 30 Degree Bend, Deduct</i>	-59.34	
			<i>For 60 Degree Bend, Deduct</i>	-35.02	
26 05 36 00-2314	EA		36" Horizontal 45 Degree Elbow, 24" Radius, Aluminum Cable Tray Cover.....	145.93	20.10
			<i>For 30 Degree Bend, Deduct</i>	-68.55	
			<i>For 60 Degree Bend, Deduct</i>	-40.46	
26 05 36 00-2315			45 Degree, 36" Radius Horizontal Elbows <small>(26 05 36 00-2266)</small>		
26 05 36 00-2316	EA		6" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	87.99	8.69
			<i>For 30 Degree Bend, Deduct</i>	-43.34	
			<i>For 60 Degree Bend, Deduct</i>	-25.71	
26 05 36 00-2317	EA		9" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	96.76	9.99
			<i>For 30 Degree Bend, Deduct</i>	-47.36	
			<i>For 60 Degree Bend, Deduct</i>	-28.08	
26 05 36 00-2318	EA		12" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	104.97	12.38
			<i>For 30 Degree Bend, Deduct</i>	-50.52	
			<i>For 60 Degree Bend, Deduct</i>	-29.90	
26 05 36 00-2319	EA		18" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	124.61	13.79
			<i>For 30 Degree Bend, Deduct</i>	-60.50	
			<i>For 60 Degree Bend, Deduct</i>	-35.84	
26 05 36 00-2320	EA		24" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	151.35	16.84
			<i>For 30 Degree Bend, Deduct</i>	-73.42	
			<i>For 60 Degree Bend, Deduct</i>	-43.49	
26 05 36 00-2321	EA		30" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	174.04	20.10
			<i>For 30 Degree Bend, Deduct</i>	-84.01	
			<i>For 60 Degree Bend, Deduct</i>	-49.74	
26 05 36 00-2322	EA		36" Horizontal 45 Degree Elbow, 36" Radius, Aluminum Cable Tray Cover.....	196.29	21.72
			<i>For 30 Degree Bend, Deduct</i>	-95.28	
			<i>For 60 Degree Bend, Deduct</i>	-56.44	
26 05 36 00-2323			90 Degree, 12" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2324	EA		6" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover.....	53.99	6.96
26 05 36 00-2325	EA		9" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover.....	56.30	8.15
26 05 36 00-2326	EA		12" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover.....	62.54	9.66
26 05 36 00-2327	EA		18" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover.....	73.83	11.84
26 05 36 00-2328	EA		24" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover.....	81.79	15.32
26 05 36 00-2329	EA		30" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover.....	86.38	17.49
26 05 36 00-2330	EA		36" Vertical Riser 90 Degree, 12" Radius, Aluminum Cable Tray Cover.....	103.95	20.86
26 05 36 00-2331			90 Degree, 24" Radius Vertical Risers <small>(26 05 36 00-2266)</small>		
26 05 36 00-2332	EA		6" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover.....	61.48	7.71
26 05 36 00-2333	EA		9" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover.....	67.98	9.01
26 05 36 00-2334	EA		12" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover.....	75.47	10.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2335 EA 18" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	90.94	13.03
26 05 36 00-2336 EA 24" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	103.73	16.84
26 05 36 00-2337 EA 30" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	130.75	20.10
26 05 36 00-2338 EA 36" Vertical Riser 90 Degree, 24" Radius, Aluminum Cable Tray Cover	145.53	23.68
26 05 36 00-2339 90 Degree, 36" Radius Vertical Risers (26 05 36 00-2266)		
26 05 36 00-2340 EA 6" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	70.66	8.69
26 05 36 00-2341 EA 9" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	85.95	9.99
26 05 36 00-2342 EA 12" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	100.70	12.38
26 05 36 00-2343 EA 18" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	120.28	13.79
26 05 36 00-2344 EA 24" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	146.76	19.23
26 05 36 00-2345 EA 30" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	182.72	22.71
26 05 36 00-2346 EA 36" Vertical Riser 90 Degree, 36" Radius, Aluminum Cable Tray Cover	199.13	26.07
26 05 36 00-2347 12" Radius Horizontal Tees (26 05 36 00-2266)		
26 05 36 00-2348 EA 6" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	88.12	11.30
26 05 36 00-2349 EA 9" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	95.26	13.03
26 05 36 00-2350 EA 12" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	107.66	15.32
26 05 36 00-2351 EA 18" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	126.37	17.38
26 05 36 00-2352 EA 24" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	156.74	20.10
26 05 36 00-2353 EA 30" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	193.11	28.89
26 05 36 00-2354 EA 36" Horizontal Tee, 12" Radius, Aluminum Cable Tray Cover	233.00	34.66
26 05 36 00-2355 24" Radius Horizontal Tees (26 05 36 00-2266)		
26 05 36 00-2356 EA 6" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	132.24	11.84
26 05 36 00-2357 EA 9" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	148.39	13.79
26 05 36 00-2358 EA 12" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	167.72	16.29
26 05 36 00-2359 EA 18" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	195.46	18.69
26 05 36 00-2360 EA 24" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	297.84	21.72
26 05 36 00-2361 EA 30" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	344.19	32.59
26 05 36 00-2362 EA 36" Horizontal Tee, 24" Radius, Aluminum Cable Tray Cover	389.09	40.09
26 05 36 00-2363 36" Radius Horizontal Tees (26 05 36 00-2266)		
26 05 36 00-2364 EA 6" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	226.12	12.38
26 05 36 00-2365 EA 9" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	233.93	14.45
26 05 36 00-2366 EA 12" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	260.44	17.38
26 05 36 00-2367 EA 18" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	295.23	20.10
26 05 36 00-2368 EA 24" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	372.64	23.68
26 05 36 00-2369 EA 30" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	436.43	37.37
26 05 36 00-2370 EA 36" Horizontal Tee, 36" Radius, Aluminum Cable Tray Cover	500.54	47.26
26 05 36 00-2371 12" Radius Horizontal Crosses (26 05 36 00-2266)		
26 05 36 00-2372 EA 6" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	131.52	15.32
26 05 36 00-2373 EA 9" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	139.64	16.29
26 05 36 00-2374 EA 12" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	154.49	17.38
26 05 36 00-2375 EA 18" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	184.86	20.10
26 05 36 00-2376 EA 24" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	223.35	28.89
26 05 36 00-2377 EA 30" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	265.39	34.66
26 05 36 00-2378 EA 36" Horizontal Cross, 12" Radius, Aluminum Cable Tray Cover	302.12	37.26
26 05 36 00-2379 24" Radius Horizontal Crosses (26 05 36 00-2266)		
26 05 36 00-2380 EA 6" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	234.84	16.29
26 05 36 00-2381 EA 9" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	251.79	17.38
26 05 36 00-2382 EA 12" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	271.16	18.69
26 05 36 00-2383 EA 18" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	315.15	21.72
26 05 36 00-2384 EA 24" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	387.41	32.59
26 05 36 00-2385 EA 30" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	456.06	40.09
26 05 36 00-2386 EA 36" Horizontal Cross, 24" Radius, Aluminum Cable Tray Cover	494.05	43.35
26 05 36 00-2387 36" Radius Horizontal Crosses (26 05 36 00-2266)		
26 05 36 00-2388 EA 6" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	362.10	17.38
26 05 36 00-2389 EA 9" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	379.31	18.69
26 05 36 00-2390 EA 12" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	407.71	20.10
26 05 36 00-2391 EA 18" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	450.51	23.68
26 05 36 00-2392 EA 24" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	570.48	37.26
26 05 36 00-2393 EA 30" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	663.12	47.47
26 05 36 00-2394 EA 36" Horizontal Cross, 36" Radius, Aluminum Cable Tray Cover	724.98	52.14
26 05 36 00-2395 Reducers (26 05 36 00-2266)		
26 05 36 00-2396 EA 9" To 6" Reducer, Aluminum Cable Tray Covers	66.57	8.15
26 05 36 00-2397 EA 12" To 6" Reducer, Aluminum Cable Tray Covers	71.24	9.66
26 05 36 00-2398 EA 12" To 9" Reducer, Aluminum Cable Tray Covers	71.24	9.66
26 05 36 00-2399 EA 18" To 6" Reducer, Aluminum Cable Tray Covers	80.31	11.84

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2400	EA		18" To 12" Reducer, Aluminum Cable Tray Covers	80.31	11.84
26 05 36 00-2401	EA		24" To 12" Reducer, Aluminum Cable Tray Covers	88.77	13.03
26 05 36 00-2402	EA		24" To 18" Reducer, Aluminum Cable Tray Covers	97.38	13.03
26 05 36 00-2403	EA		30" To 12" Reducer, Aluminum Cable Tray Covers	102.72	14.89
26 05 36 00-2404	EA		30" To 18" Reducer, Aluminum Cable Tray Covers	105.93	14.89
26 05 36 00-2405	EA		30" To 24" Reducer, Aluminum Cable Tray Covers	108.15	14.89
26 05 36 00-2406	EA		36" To 12" Reducer, Aluminum Cable Tray Covers	113.62	16.29
26 05 36 00-2407	EA		36" To 18" Reducer, Aluminum Cable Tray Covers	115.78	16.29
26 05 36 00-2408	EA		36" To 24" Reducer, Aluminum Cable Tray Covers	116.86	16.29
26 05 36 00-2409	EA		36" To 30" Reducer, Aluminum Cable Tray Covers	117.95	16.29
26 05 36 00-2410			Galvanized Steel Dividers (26 05 36 00-2121)		
26 05 36 00-2411			Straight Dividers (26 05 36 00-2410)		
26 05 36 00-2412	LF		3" Deep Galvanized Steel Divider Strip, Straight	10.64	2.61
26 05 36 00-2413	LF		4" Deep Galvanized Steel Divider Strip, Straight	12.58	2.83
26 05 36 00-2414	LF		6" Deep Galvanized Steel Divider Strip, Straight	15.63	3.26
26 05 36 00-2415			3" Deep Vertical Dividers (26 05 36 00-2410)		
26 05 36 00-2416	EA		Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Steel Cable Tray	62.02	18.69
26 05 36 00-2417	EA		Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Steel Cable Tray	71.01	19.34
26 05 36 00-2418	EA		Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Steel Cable Tray	74.71	20.10
26 05 36 00-2419	EA		Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Steel Cable Tray	86.34	20.86
26 05 36 00-2420	EA		Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Steel Cable Tray	81.75	20.86
26 05 36 00-2421	EA		Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Steel Cable Tray	88.89	21.72
26 05 36 00-2422	EA		Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Steel Cable Tray	104.28	22.71
26 05 36 00-2423	EA		Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Steel Cable Tray	130.09	23.68
26 05 36 00-2424	EA		Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Steel Cable	102.58	23.68
26 05 36 00-2425	EA		Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Steel Cable Tray	114.74	24.87
26 05 36 00-2426	EA		Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Steel Cable Tray	129.41	26.07
26 05 36 00-2427	EA		Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Steel Cable Tray	164.93	27.49
26 05 36 00-2428			4" Deep Vertical Dividers (26 05 36 00-2410)		
26 05 36 00-2429	EA		Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Steel Cable Tray	71.58	19.34
26 05 36 00-2430	EA		Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Steel Cable Tray	79.30	20.10
26 05 36 00-2431	EA		Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Steel Cable Tray	86.34	20.86
26 05 36 00-2432	EA		Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Steel Cable Tray	99.21	21.72
26 05 36 00-2433	EA		Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Steel Cable Tray	99.21	21.72
26 05 36 00-2434	EA		Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Steel Cable Tray	116.89	22.71
26 05 36 00-2435	EA		Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Steel Cable Tray	128.94	23.68
26 05 36 00-2436	EA		Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Steel Cable Tray	160.58	24.87
26 05 36 00-2437	EA		Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Steel Cable Tray	111.16	22.71
26 05 36 00-2438	EA		Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Steel Cable Tray	123.21	23.68
26 05 36 00-2439	EA		Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Steel Cable Tray	146.83	24.87
26 05 36 00-2440	EA		Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Steel Cable Tray	186.72	26.07
26 05 36 00-2441			6" Deep Vertical Dividers (26 05 36 00-2410)		
26 05 36 00-2442	EA		Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Steel Cable Tray	79.15	21.72
26 05 36 00-2443	EA		Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Steel Cable Tray	85.94	22.71
26 05 36 00-2444	EA		Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Steel Cable Tray	94.56	23.68
26 05 36 00-2445	EA		Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Steel Cable Tray	110.15	24.87
26 05 36 00-2446	EA		Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Steel Cable Tray	100.84	22.71
26 05 36 00-2447	EA		Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Steel Cable Tray	118.63	23.68
26 05 36 00-2448	EA		Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Steel Cable Tray	131.93	24.87
26 05 36 00-2449	EA		Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Steel Cable Tray	162.65	26.07
26 05 36 00-2450	EA		Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Steel Cable Tray	112.90	23.68
26 05 36 00-2451	EA		Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Steel Cable Tray	131.93	24.87
26 05 36 00-2452	EA		Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Steel Cable Tray	162.65	26.07
26 05 36 00-2453	EA		Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Steel Cable Tray	199.32	27.49
26 05 36 00-2454			Horizontal Dividers (26 05 36 00-2410)		
26 05 36 00-2455	EA		3" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	70.41	15.75
26 05 36 00-2456	EA		4" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	78.29	17.38
26 05 36 00-2457	EA		6" Deep Horizontal Fitting Divider Strip, Steel Cable Tray	95.19	19.34
26 05 36 00-2458			Aluminum Dividers (26 05 36 00-2121)		
26 05 36 00-2459			Straight Dividers (26 05 36 00-2458)		
26 05 36 00-2460	LF		3" Deep Aluminum Divider Strip, Straight	10.08	2.50
26 05 36 00-2461	LF		4" Deep Aluminum Divider Strip, Straight	11.91	2.72
26 05 36 00-2462	LF		6" Deep Aluminum Divider Strip, Straight	14.74	3.04
26 05 36 00-2463			3" Deep Vertical Dividers (26 05 36 00-2458)		
26 05 36 00-2464	EA		Vertical Divider, 3" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray.....	53.68	18.03
26 05 36 00-2465	EA		Vertical Divider, 3" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray.....	59.01	18.69

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2466 EA Vertical Divider, 3" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	64.85	19.34
26 05 36 00-2467 EA Vertical Divider, 3" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	74.85	20.10
26 05 36 00-2468 EA Vertical Divider, 3" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	72.78	20.10
26 05 36 00-2469 EA Vertical Divider, 3" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	80.30	20.86
26 05 36 00-2470 EA Vertical Divider, 3" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	93.09	21.72
26 05 36 00-2471 EA Vertical Divider, 3" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	115.42	22.71
26 05 36 00-2472 EA Vertical Divider, 3" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	97.83	22.71
26 05 36 00-2473 EA Vertical Divider, 3" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	117.16	23.68
26 05 36 00-2474 EA Vertical Divider, 3" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	141.77	24.87
26 05 36 00-2475 EA Vertical Divider, 3" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	174.88	26.07
26 05 36 00-2476 4" Deep Vertical Dividers (26 05 36 00-2458)		
26 05 36 00-2477 EA Vertical Divider, 4" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	64.50	18.69
26 05 36 00-2478 EA Vertical Divider, 4" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	70.96	19.34
26 05 36 00-2479 EA Vertical Divider, 4" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	77.95	20.10
26 05 36 00-2480 EA Vertical Divider, 4" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	87.54	20.86
26 05 36 00-2481 EA Vertical Divider, 4" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	86.51	20.86
26 05 36 00-2482 EA Vertical Divider, 4" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	100.33	21.72
26 05 36 00-2483 EA Vertical Divider, 4" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	113.35	22.71
26 05 36 00-2484 EA Vertical Divider, 4" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	143.03	23.68
26 05 36 00-2485 EA Vertical Divider, 4" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	116.89	21.72
26 05 36 00-2486 EA Vertical Divider, 4" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	141.29	22.71
26 05 36 00-2487 EA Vertical Divider, 4" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	165.80	23.68
26 05 36 00-2488 EA Vertical Divider, 4" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	200.76	24.87
26 05 36 00-2489 6" Deep Vertical Dividers (26 05 36 00-2458)		
26 05 36 00-2490 EA Vertical Divider, 6" Deep, 12" Radius, 30 Degree, Aluminum Cable Tray	71.40	20.86
26 05 36 00-2491 EA Vertical Divider, 6" Deep, 12" Radius, 45 Degree, Aluminum Cable Tray	79.64	21.72
26 05 36 00-2492 EA Vertical Divider, 6" Deep, 12" Radius, 60 Degree, Aluminum Cable Tray	83.34	22.71
26 05 36 00-2493 EA Vertical Divider, 6" Deep, 12" Radius, 90 Degree, Aluminum Cable Tray	93.36	23.68
26 05 36 00-2494 EA Vertical Divider, 6" Deep, 24" Radius, 30 Degree, Aluminum Cable Tray	89.99	21.72
26 05 36 00-2495 EA Vertical Divider, 6" Deep, 24" Radius, 45 Degree, Aluminum Cable Tray	111.28	22.71
26 05 36 00-2496 EA Vertical Divider, 6" Deep, 24" Radius, 60 Degree, Aluminum Cable Tray	120.26	23.68
26 05 36 00-2497 EA Vertical Divider, 6" Deep, 24" Radius, 90 Degree, Aluminum Cable Tray	151.08	24.87
26 05 36 00-2498 EA Vertical Divider, 6" Deep, 36" Radius, 30 Degree, Aluminum Cable Tray	119.56	22.71
26 05 36 00-2499 EA Vertical Divider, 6" Deep, 36" Radius, 45 Degree, Aluminum Cable Tray	149.24	23.68
26 05 36 00-2500 EA Vertical Divider, 6" Deep, 36" Radius, 60 Degree, Aluminum Cable Tray	170.74	24.87
26 05 36 00-2501 EA Vertical Divider, 6" Deep, 36" Radius, 90 Degree, Aluminum Cable Tray	198.69	26.07
26 05 36 00-2502 Horizontal Dividers (26 05 36 00-2458)		
26 05 36 00-2503 EA 3" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	62.54	14.89
26 05 36 00-2504 EA 4" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	68.56	16.29
26 05 36 00-2505 EA 6" Deep Horizontal Fitting Divider Strip, Aluminum Cable Tray	84.83	18.03
26 05 36 00-2506 Cable Tray Wall Brackets (26 05 36 00-0001)		
26 05 36 00-2507 Wall Brackets (26 05 36 00-2506)		
26 05 36 00-2508 EA 6" Wide Cable Tray Wall Bracket.....	82.36	21.72
26 05 36 00-2509 EA 9" Wide Cable Tray Wall Bracket.....	85.31	22.71
26 05 36 00-2510 EA 12" Wide Cable Tray Wall Bracket.....	93.65	23.68
26 05 36 00-2511 EA 18" Wide Cable Tray Wall Bracket.....	99.45	24.87
26 05 36 00-2512 EA 24" Wide Cable Tray Wall Bracket.....	108.12	26.07
26 05 36 00-2513 EA 30" Wide Cable Tray Wall Bracket.....	128.86	27.49
26 05 36 00-2514 EA 36" Wide Cable Tray Wall Bracket.....	154.46	29.33
26 05 36 00-2515 Triangle Wall Brackets (26 05 36 00-2506)		
26 05 36 00-2516 EA 6" Wide, Ladder Rack Triangle Wall Support (Hubbell HLTSB06B)	95.94	21.72
26 05 36 00-2517 EA 12" Wide, Ladder Rack Triangle Wall Support (Hubbell HLTSB12B)	110.63	23.68
26 05 36 00-2518 EA 18" Wide, Ladder Rack Triangle Wall Support (Hubbell HLTSB18B)	116.63	24.87
26 05 36 00-2519 EA 24" Wide Ladder Rack, Triangle Wall Support (Hubbell HLTSB24B)	122.20	26.07
26 05 36 00-2520 Cable Retaining Posts (26 05 36 00-0001)		
Note: Includes mounting bracket and end cap.		
26 05 36 00-2521 EA 6" High, Cable Retaining Post (Hubbell HLP06B).....	35.35	4.35
26 05 36 00-2522 EA 8" High, Cable Retaining Post (Hubbell HLP08B).....	36.35	4.35
26 05 36 00-2523 EA 10" High, Cable Retaining Post (Hubbell HLP10B).....	37.68	4.35
26 05 36 00-2524 Fiberglass Cable Tray (26 05 36 00-0001)		
26 05 36 00-2525 Ladder Bottom Fiberglass Cable Tray (26 05 36 00-2524)		
Note: Excludes hangers and support system.		
26 05 36 00-2526 Straight Tray Sections (26 05 36 00-2525)		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2527	LF	6"	Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	12.26	2.94
			<i>For 6" Rung Spacing, Add</i>	1.19	
			<i>For 4" Rung Spacing, Add</i>	2.18	
			<i>For Vented Trough Bottom, Add</i>	3.71	
			<i>For Solid Bottom, Add</i>	3.03	
			<i>For 18" Rung Spacing, Deduct</i>	-0.20	
			<i>For 9" Rung Spacing, Add</i>	0.28	
26 05 36 00-2528	LF	9"	Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	13.61	3.59
			<i>For 6" Rung Spacing, Add</i>	1.23	
			<i>For 4" Rung Spacing, Add</i>	2.25	
			<i>For Vented Trough Bottom, Add</i>	3.95	
			<i>For Solid Bottom, Add</i>	3.27	
			<i>For 18" Rung Spacing, Deduct</i>	-0.20	
			<i>For 9" Rung Spacing, Add</i>	0.29	
26 05 36 00-2529	LF	12"	Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	14.93	4.34
			<i>For 6" Rung Spacing, Add</i>	1.26	
			<i>For 4" Rung Spacing, Add</i>	2.31	
			<i>For Vented Trough Bottom, Add</i>	4.18	
			<i>For Solid Bottom, Add</i>	3.50	
			<i>For 18" Rung Spacing, Deduct</i>	-0.21	
			<i>For 9" Rung Spacing, Add</i>	0.29	
26 05 36 00-2530	LF	18"	Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	17.73	5.75
			<i>For 6" Rung Spacing, Add</i>	1.36	
			<i>For 4" Rung Spacing, Add</i>	2.49	
			<i>For Vented Trough Bottom, Add</i>	4.70	
			<i>For Solid Bottom, Add</i>	4.02	
			<i>For 18" Rung Spacing, Deduct</i>	-0.23	
			<i>For 9" Rung Spacing, Add</i>	0.32	
26 05 36 00-2531	LF	24"	Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	20.52	7.28
			<i>For 6" Rung Spacing, Add</i>	1.45	
			<i>For 4" Rung Spacing, Add</i>	2.65	
			<i>For Vented Trough Bottom, Add</i>	5.22	
			<i>For Solid Bottom, Add</i>	4.53	
			<i>For 18" Rung Spacing, Deduct</i>	-0.24	
			<i>For 9" Rung Spacing, Add</i>	0.34	
26 05 36 00-2532	LF	30"	Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	22.42	7.93
			<i>For 6" Rung Spacing, Add</i>	1.57	
			<i>For 4" Rung Spacing, Add</i>	2.88	
			<i>For Vented Trough Bottom, Add</i>	5.68	
			<i>For Solid Bottom, Add</i>	4.93	
			<i>For 18" Rung Spacing, Deduct</i>	-0.26	
			<i>For 9" Rung Spacing, Add</i>	0.37	
26 05 36 00-2533	LF	36"	Fiberglass Cable Tray - Straight Section, 12" Rung Spacing	24.36	8.69
			<i>For 6" Rung Spacing, Add</i>	1.70	
			<i>For 4" Rung Spacing, Add</i>	3.12	
			<i>For Vented Trough Bottom, Add</i>	6.16	
			<i>For Solid Bottom, Add</i>	5.35	
			<i>For 18" Rung Spacing, Deduct</i>	-0.28	
			<i>For 9" Rung Spacing, Add</i>	0.40	
26 05 36 00-2534			90 Degree Horizontal Elbows <small>(26 05 36 00-2525)</small>		
26 05 36 00-2535	EA	6"	Horizontal 90 Degree Elbow, Fiberglass Cable Tray	64.64	21.72
			<i>For 6" Rung Spacing, Add</i>	4.81	
			<i>For 30 Degree Bend, Deduct</i>	-24.15	
			<i>For 4" Rung Spacing, Add</i>	8.81	
			<i>For 45 Degree Bend, Deduct</i>	-18.99	
			<i>For Vented Trough Bottom, Add</i>	16.89	
			<i>For Solid Bottom, Add</i>	14.50	
			<i>For 18" Rung Spacing, Deduct</i>	-0.80	
			<i>For 60 Degree Bend, Deduct</i>	-13.84	
			<i>For 9" Rung Spacing, Add</i>	1.12	
26 05 36 00-2536	EA	9"	Horizontal 90 Degree Elbow, Fiberglass Cable Tray	71.90	25.31
			<i>For 6" Rung Spacing, Add</i>	5.08	
			<i>For 30 Degree Bend, Deduct</i>	-26.24	
			<i>For 4" Rung Spacing, Add</i>	9.32	
			<i>For 45 Degree Bend, Deduct</i>	-20.61	
			<i>For Vented Trough Bottom, Add</i>	18.30	
			<i>For Solid Bottom, Add</i>	15.87	
			<i>For 18" Rung Spacing, Deduct</i>	-0.85	
			<i>For 60 Degree Bend, Deduct</i>	-14.98	
			<i>For 9" Rung Spacing, Add</i>	1.19	
26 05 36 00-2537	EA	12"	Horizontal 90 Degree Elbow, Fiberglass Cable Tray	83.52	31.83
			<i>For 6" Rung Spacing, Add</i>	5.36	
			<i>For 30 Degree Bend, Deduct</i>	-29.21	
			<i>For 4" Rung Spacing, Add</i>	9.82	
			<i>For 45 Degree Bend, Deduct</i>	-22.89	
			<i>For Vented Trough Bottom, Add</i>	20.26	
			<i>For Solid Bottom, Add</i>	17.89	
			<i>For 18" Rung Spacing, Deduct</i>	-0.89	
			<i>For 60 Degree Bend, Deduct</i>	-16.57	
			<i>For 9" Rung Spacing, Add</i>	1.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2538 EA 18" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	98.60	38.45
For 6" Rung Spacing, Add	6.15	
For 30 Degree Bend, Deduct	-34.08	
For 4" Rung Spacing, Add	11.28	
For 45 Degree Bend, Deduct	-26.69	
For Vented Trough Bottom, Add	23.61	
For Solid Bottom, Add	20.94	
For 18" Rung Spacing, Deduct	-1.03	
For 60 Degree Bend, Deduct	-19.30	
For 9" Rung Spacing, Add	1.44	
26 05 36 00-2539 EA 24" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	111.37	44.21
For 6" Rung Spacing, Add	6.77	
For 30 Degree Bend, Deduct	-38.06	
For 4" Rung Spacing, Add	12.41	
For 45 Degree Bend, Deduct	-29.79	
For Vented Trough Bottom, Add	26.33	
For Solid Bottom, Add	23.47	
For 18" Rung Spacing, Deduct	-1.13	
For 60 Degree Bend, Deduct	-21.51	
For 9" Rung Spacing, Add	1.58	
26 05 36 00-2540 EA 30" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	122.45	47.15
For 6" Rung Spacing, Add	7.78	
For 30 Degree Bend, Deduct	-42.63	
For 4" Rung Spacing, Add	14.26	
For 45 Degree Bend, Deduct	-33.40	
For Vented Trough Bottom, Add	29.56	
For Solid Bottom, Add	26.14	
For 18" Rung Spacing, Deduct	-1.30	
For 60 Degree Bend, Deduct	-24.17	
For 9" Rung Spacing, Add	1.81	
26 05 36 00-2541 EA 36" Horizontal 90 Degree Elbow, Fiberglass Cable Tray	135.59	50.73
For 6" Rung Spacing, Add	8.93	
For 30 Degree Bend, Deduct	-47.96	
For 4" Rung Spacing, Add	16.38	
For 45 Degree Bend, Deduct	-37.61	
For Vented Trough Bottom, Add	33.33	
For Solid Bottom, Add	29.27	
For 18" Rung Spacing, Deduct	-1.49	
For 60 Degree Bend, Deduct	-27.26	
For 9" Rung Spacing, Add	2.08	
26 05 36 00-2542 Inside Or Outside Vertical Risers (26 05 36 00-2525)		
26 05 36 00-2543 EA 6" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	98.11	21.72
For 6" Rung Spacing, Add	9.83	
For 30 Degree Bend, Deduct	-42.55	
For 4" Rung Spacing, Add	18.02	
For 45 Degree Bend, Deduct	-33.72	
For Vented Trough Bottom, Add	30.28	
For Solid Bottom, Add	24.54	
For 18" Rung Spacing, Deduct	-1.64	
For 60 Degree Bend, Deduct	-24.88	
For 9" Rung Spacing, Add	2.29	
26 05 36 00-2544 EA 9" Vertical Inside Or Outside Riser 90, Fiberglass	104.47	25.31
For 6" Rung Spacing, Add	9.97	
For 30 Degree Bend, Deduct	-44.15	
For 4" Rung Spacing, Add	18.27	
For 45 Degree Bend, Deduct	-34.94	
For Vented Trough Bottom, Add	31.33	
For Solid Bottom, Add	25.64	
For 18" Rung Spacing, Deduct	-1.66	
For 60 Degree Bend, Deduct	-25.73	
For 9" Rung Spacing, Add	2.33	
26 05 36 00-2545 EA 12" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	115.16	31.83
For 6" Rung Spacing, Add	10.10	
For 30 Degree Bend, Deduct	-46.61	
For 4" Rung Spacing, Add	18.52	
For 45 Degree Bend, Deduct	-36.81	
For Vented Trough Bottom, Add	32.92	
For Solid Bottom, Add	27.38	
For 18" Rung Spacing, Deduct	-1.68	
For 60 Degree Bend, Deduct	-27.01	
For 9" Rung Spacing, Add	2.36	
26 05 36 00-2546 EA 18" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray	126.97	38.45
For 6" Rung Spacing, Add	10.41	
For 30 Degree Bend, Deduct	-49.68	
For 4" Rung Spacing, Add	19.09	
For 45 Degree Bend, Deduct	-39.17	
For Vented Trough Bottom, Add	34.96	
For Solid Bottom, Add	29.46	
For 18" Rung Spacing, Deduct	-1.74	
For 60 Degree Bend, Deduct	-28.66	
For 9" Rung Spacing, Add	2.43	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2547	EA		24" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	137.50	44.21
			<i>For 6" Rung Spacing, Add</i>	10.69	
			<i>For 30 Degree Bend, Deduct</i>	-52.43	
			<i>For 4" Rung Spacing, Add</i>	19.59	
			<i>For 45 Degree Bend, Deduct</i>	-41.28	
			<i>For Vented Trough Bottom, Add</i>	36.78	
			<i>For Solid Bottom, Add</i>	31.31	
			<i>For 18" Rung Spacing, Deduct</i>	-1.78	
			<i>For 60 Degree Bend, Deduct</i>	-30.14	
			<i>For 9" Rung Spacing, Add</i>	2.49	
26 05 36 00-2548	EA		30" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	143.68	47.15
			<i>For 6" Rung Spacing, Add</i>	10.96	
			<i>For 30 Degree Bend, Deduct</i>	-54.31	
			<i>For 4" Rung Spacing, Add</i>	20.09	
			<i>For 45 Degree Bend, Deduct</i>	-42.74	
			<i>For Vented Trough Bottom, Add</i>	38.05	
			<i>For Solid Bottom, Add</i>	32.51	
			<i>For 18" Rung Spacing, Deduct</i>	-1.83	
			<i>For 60 Degree Bend, Deduct</i>	-31.17	
			<i>For 9" Rung Spacing, Add</i>	2.56	
26 05 36 00-2549	EA		36" Vertical Inside Or Outside Riser 90, Fiberglass Cable Tray.....	156.76	50.73
			<i>For 6" Rung Spacing, Add</i>	12.11	
			<i>For 30 Degree Bend, Deduct</i>	-59.60	
			<i>For 4" Rung Spacing, Add</i>	22.20	
			<i>For 45 Degree Bend, Deduct</i>	-46.92	
			<i>For Vented Trough Bottom, Add</i>	41.79	
			<i>For Solid Bottom, Add</i>	35.62	
			<i>For 18" Rung Spacing, Deduct</i>	-2.02	
			<i>For 60 Degree Bend, Deduct</i>	-34.24	
			<i>For 9" Rung Spacing, Add</i>	2.83	
26 05 36 00-2550			Horizontal Tees <small>(26 05 36 00-2525)</small>		
26 05 36 00-2551	EA		6" Horizontal Tee, Fiberglass Cable Tray	138.01	54.31
			<i>For 6" Rung Spacing, Add</i>	8.48	
			<i>For 4" Rung Spacing, Add</i>	15.55	
			<i>For Vented Trough Bottom, Add</i>	32.80	
			<i>For Solid Bottom, Add</i>	29.18	
			<i>For 18" Rung Spacing, Deduct</i>	-1.41	
			<i>For 9" Rung Spacing, Add</i>	1.98	
26 05 36 00-2552	EA		9" Horizontal Tee, Fiberglass Cable Tray	154.38	63.77
			<i>For 6" Rung Spacing, Add</i>	8.82	
			<i>For 4" Rung Spacing, Add</i>	16.16	
			<i>For Vented Trough Bottom, Add</i>	35.46	
			<i>For Solid Bottom, Add</i>	31.97	
			<i>For 18" Rung Spacing, Deduct</i>	-1.47	
			<i>For 9" Rung Spacing, Add</i>	2.06	
26 05 36 00-2553	EA		12" Horizontal Tee, Fiberglass Cable Tray	175.09	76.04
			<i>For 6" Rung Spacing, Add</i>	9.15	
			<i>For 4" Rung Spacing, Add</i>	16.78	
			<i>For Vented Trough Bottom, Add</i>	38.67	
			<i>For Solid Bottom, Add</i>	35.42	
			<i>For 18" Rung Spacing, Deduct</i>	-1.53	
			<i>For 9" Rung Spacing, Add</i>	2.14	
26 05 36 00-2554	EA		18" Horizontal Tee, Fiberglass Cable Tray	195.33	85.49
			<i>For 6" Rung Spacing, Add</i>	10.07	
			<i>For 4" Rung Spacing, Add</i>	18.47	
			<i>For Vented Trough Bottom, Add</i>	42.88	
			<i>For Solid Bottom, Add</i>	39.37	
			<i>For 18" Rung Spacing, Deduct</i>	-1.68	
			<i>For 9" Rung Spacing, Add</i>	2.35	
26 05 36 00-2555	EA		24" Horizontal Tee, Fiberglass Cable Tray	205.66	89.08
			<i>For 6" Rung Spacing, Add</i>	10.81	
			<i>For 4" Rung Spacing, Add</i>	19.81	
			<i>For Vented Trough Bottom, Add</i>	45.52	
			<i>For Solid Bottom, Add</i>	41.66	
			<i>For 18" Rung Spacing, Deduct</i>	-1.80	
			<i>For 9" Rung Spacing, Add</i>	2.52	
26 05 36 00-2556	EA		30" Horizontal Tee, Fiberglass Cable Tray	220.82	94.18
			<i>For 6" Rung Spacing, Add</i>	11.94	
			<i>For 4" Rung Spacing, Add</i>	21.89	
			<i>For Vented Trough Bottom, Add</i>	49.49	
			<i>For Solid Bottom, Add</i>	45.06	
			<i>For 18" Rung Spacing, Deduct</i>	-1.99	
			<i>For 9" Rung Spacing, Add</i>	2.79	
26 05 36 00-2557	EA		36" Horizontal Tee, Fiberglass Cable Tray	240.03	101.46
			<i>For 6" Rung Spacing, Add</i>	13.19	
			<i>For 4" Rung Spacing, Add</i>	24.18	
			<i>For Vented Trough Bottom, Add</i>	54.19	
			<i>For Solid Bottom, Add</i>	49.20	
			<i>For 18" Rung Spacing, Deduct</i>	-2.20	
			<i>For 9" Rung Spacing, Add</i>	3.08	
26 05 36 00-2558			Horizontal Crosses <small>(26 05 36 00-2525)</small>		

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
26 05 36 00-2559 EA 6" Horizontal Cross, Fiberglass Cable Tray	213.68	94.18
<i>For 6" Rung Spacing, Add</i>	10.87	
<i>For 4" Rung Spacing, Add</i>	19.93	
<i>For Vented Trough Bottom, Add</i>	46.64	
<i>For Solid Bottom, Add</i>	42.92	
<i>For 18" Rung Spacing, Deduct</i>	-1.81	
<i>For 9" Rung Spacing, Add</i>	2.54	
26 05 36 00-2560 EA 9" Horizontal Cross, Fiberglass Cable Tray	226.69	101.46
<i>For 6" Rung Spacing, Add</i>	11.19	
<i>For 4" Rung Spacing, Add</i>	20.52	
<i>For Vented Trough Bottom, Add</i>	48.85	
<i>For Solid Bottom, Add</i>	45.20	
<i>For 18" Rung Spacing, Deduct</i>	-1.87	
<i>For 9" Rung Spacing, Add</i>	2.61	
26 05 36 00-2561 EA 12" Horizontal Cross, Fiberglass Cable Tray	239.70	108.74
<i>For 6" Rung Spacing, Add</i>	11.51	
<i>For 4" Rung Spacing, Add</i>	21.11	
<i>For Vented Trough Bottom, Add</i>	51.07	
<i>For Solid Bottom, Add</i>	47.47	
<i>For 18" Rung Spacing, Deduct</i>	-1.92	
<i>For 9" Rung Spacing, Add</i>	2.69	
26 05 36 00-2562 EA 18" Horizontal Cross, Fiberglass Cable Tray	256.68	115.91
<i>For 6" Rung Spacing, Add</i>	12.43	
<i>For 4" Rung Spacing, Add</i>	22.79	
<i>For Vented Trough Bottom, Add</i>	54.87	
<i>For Solid Bottom, Add</i>	50.93	
<i>For 18" Rung Spacing, Deduct</i>	-2.07	
<i>For 9" Rung Spacing, Add</i>	2.90	
26 05 36 00-2563 EA 24" Horizontal Cross, Fiberglass Cable Tray	272.23	123.18
<i>For 6" Rung Spacing, Add</i>	13.13	
<i>For 4" Rung Spacing, Add</i>	24.08	
<i>For Vented Trough Bottom, Add</i>	58.11	
<i>For Solid Bottom, Add</i>	53.97	
<i>For 18" Rung Spacing, Deduct</i>	-2.19	
<i>For 9" Rung Spacing, Add</i>	3.06	
26 05 36 00-2564 EA 30" Horizontal Cross, Fiberglass Cable Tray	290.85	130.46
<i>For 6" Rung Spacing, Add</i>	14.30	
<i>For 4" Rung Spacing, Add</i>	26.21	
<i>For Vented Trough Bottom, Add</i>	62.57	
<i>For Solid Bottom, Add</i>	57.93	
<i>For 18" Rung Spacing, Deduct</i>	-2.38	
<i>For 9" Rung Spacing, Add</i>	3.34	
26 05 36 00-2565 EA 36" Horizontal Cross, Fiberglass Cable Tray	314.97	139.80
<i>For 6" Rung Spacing, Add</i>	15.80	
<i>For 4" Rung Spacing, Add</i>	28.96	
<i>For Vented Trough Bottom, Add</i>	68.33	
<i>For Solid Bottom, Add</i>	63.04	
<i>For 18" Rung Spacing, Deduct</i>	-2.63	
<i>For 9" Rung Spacing, Add</i>	3.69	
26 05 36 00-2566 Horizontal Wyes <small>(26 05 36 00-2525)</small>		
26 05 36 00-2567 EA 6" Horizontal Wye, Fiberglass Cable Tray	132.29	54.31
<i>For 6" Rung Spacing, Add</i>	7.62	
<i>For 4" Rung Spacing, Add</i>	13.98	
<i>For Vented Trough Bottom, Add</i>	30.51	
<i>For Solid Bottom, Add</i>	27.47	
<i>For 18" Rung Spacing, Deduct</i>	-1.27	
<i>For 9" Rung Spacing, Add</i>	1.78	
26 05 36 00-2568 EA 9" Horizontal Wye, Fiberglass Cable Tray	139.78	58.00
<i>For 6" Rung Spacing, Add</i>	7.93	
<i>For 4" Rung Spacing, Add</i>	14.54	
<i>For Vented Trough Bottom, Add</i>	32.01	
<i>For Solid Bottom, Add</i>	28.90	
<i>For 18" Rung Spacing, Deduct</i>	-1.32	
<i>For 9" Rung Spacing, Add</i>	1.85	
26 05 36 00-2569 EA 12" Horizontal Wye, Fiberglass Cable Tray	168.97	76.04
<i>For 6" Rung Spacing, Add</i>	8.24	
<i>For 4" Rung Spacing, Add</i>	15.10	
<i>For Vented Trough Bottom, Add</i>	36.22	
<i>For Solid Bottom, Add</i>	33.58	
<i>For 18" Rung Spacing, Deduct</i>	-1.37	
<i>For 9" Rung Spacing, Add</i>	1.92	
26 05 36 00-2570 EA 18" Horizontal Wye, Fiberglass Cable Tray	188.61	85.49
<i>For 6" Rung Spacing, Add</i>	9.06	
<i>For 4" Rung Spacing, Add</i>	16.62	
<i>For Vented Trough Bottom, Add</i>	40.19	
<i>For Solid Bottom, Add</i>	37.35	
<i>For 18" Rung Spacing, Deduct</i>	-1.51	
<i>For 9" Rung Spacing, Add</i>	2.11	
26 05 36 00-2571 EA 24" Horizontal Wye, Fiberglass Cable Tray	198.31	89.08
<i>For 6" Rung Spacing, Add</i>	9.71	
<i>For 4" Rung Spacing, Add</i>	17.79	
<i>For Vented Trough Bottom, Add</i>	42.58	
<i>For Solid Bottom, Add</i>	39.45	
<i>For 18" Rung Spacing, Deduct</i>	-1.62	
<i>For 9" Rung Spacing, Add</i>	2.26	

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2572	EA		30" Horizontal Wye, Fiberglass Cable Tray	212.86	94.18
			For 6" Rung Spacing, Add	10.75	
			For 4" Rung Spacing, Add	19.70	
			For Vented Trough Bottom, Add	46.31	
			For Solid Bottom, Add	42.68	
			For 18" Rung Spacing, Deduct	-1.79	
			For 9" Rung Spacing, Add	2.51	
26 05 36 00-2573	EA		36" Horizontal Wye, Fiberglass Cable Tray	231.24	101.46
			For 6" Rung Spacing, Add	11.87	
			For 4" Rung Spacing, Add	21.77	
			For Vented Trough Bottom, Add	50.67	
			For Solid Bottom, Add	46.56	
			For 18" Rung Spacing, Deduct	-1.98	
			For 9" Rung Spacing, Add	2.77	
26 05 36 00-2574			Straight Reducers <small>(26 05 36 00-2525)</small>		
26 05 36 00-2575	EA		9" To 6" Reducer, Fiberglass Cable Tray	61.37	21.72
			For 6" Rung Spacing, Add	4.32	
			For 4" Rung Spacing, Add	7.91	
			For Vented Trough Bottom, Add	15.59	
			For Solid Bottom, Add	13.52	
			For 18" Rung Spacing, Deduct	-0.72	
			For 9" Rung Spacing, Add	1.01	
26 05 36 00-2576	EA		12" To 9" Reducer, Fiberglass Cable Tray	67.21	25.31
			For 6" Rung Spacing, Add	4.38	
			For 4" Rung Spacing, Add	8.03	
			For Vented Trough Bottom, Add	16.43	
			For Solid Bottom, Add	14.46	
			For 18" Rung Spacing, Deduct	-0.73	
			For 9" Rung Spacing, Add	1.02	
26 05 36 00-2577	EA		18" To 12" Reducer, Fiberglass Cable Tray	73.05	29.00
			For 6" Rung Spacing, Add	4.44	
			For 4" Rung Spacing, Add	8.14	
			For Vented Trough Bottom, Add	17.27	
			For Solid Bottom, Add	15.40	
			For 18" Rung Spacing, Deduct	-0.74	
			For 9" Rung Spacing, Add	1.04	
26 05 36 00-2578	EA		24" To 18" Reducer, Fiberglass Cable Tray	78.42	31.83
			For 6" Rung Spacing, Add	4.59	
			For 4" Rung Spacing, Add	8.42	
			For Vented Trough Bottom, Add	18.22	
			For Solid Bottom, Add	16.36	
			For 18" Rung Spacing, Deduct	-0.77	
			For 9" Rung Spacing, Add	1.07	
26 05 36 00-2579	EA		30" To 24" Reducer, Fiberglass Cable Tray	87.86	34.77
			For 6" Rung Spacing, Add	5.36	
			For 4" Rung Spacing, Add	9.82	
			For Vented Trough Bottom, Add	20.81	
			For Solid Bottom, Add	18.54	
			For 18" Rung Spacing, Deduct	-0.89	
			For 9" Rung Spacing, Add	1.25	
26 05 36 00-2580	EA		36" To 30" Reducer, Fiberglass Cable Tray	99.06	38.45
			For 6" Rung Spacing, Add	6.22	
			For 4" Rung Spacing, Add	11.41	
			For Vented Trough Bottom, Add	23.79	
			For Solid Bottom, Add	21.08	
			For 18" Rung Spacing, Deduct	-1.04	
			For 9" Rung Spacing, Add	1.45	
26 05 36 00-2581			Vertical Tees <small>(26 05 36 00-2525)</small>		
26 05 36 00-2582	EA		6" Vertical Tee, Fiberglass Cable Tray	189.45	54.31
			For 6" Rung Spacing, Add	16.20	
			For 4" Rung Spacing, Add	29.69	
			For Vented Trough Bottom, Add	53.38	
			For Solid Bottom, Add	44.61	
			For 18" Rung Spacing, Deduct	-2.70	
			For 9" Rung Spacing, Add	3.78	
26 05 36 00-2583	EA		9" Vertical Tee, Fiberglass Cable Tray	196.21	58.00
			For 6" Rung Spacing, Add	16.40	
			For 4" Rung Spacing, Add	30.06	
			For Vented Trough Bottom, Add	54.59	
			For Solid Bottom, Add	45.83	
			For 18" Rung Spacing, Deduct	-2.73	
			For 9" Rung Spacing, Add	3.83	
26 05 36 00-2584	EA		12" Vertical Tee, Fiberglass Cable Tray	224.69	76.04
			For 6" Rung Spacing, Add	16.59	
			For 4" Rung Spacing, Add	30.42	
			For Vented Trough Bottom, Add	58.51	
			For Solid Bottom, Add	50.30	
			For 18" Rung Spacing, Deduct	-2.77	
			For 9" Rung Spacing, Add	3.87	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2585 EA 18" Vertical Tee, Fiberglass Cable Tray	241.88	85.49
For 6" Rung Spacing, Add	17.05	
For 4" Rung Spacing, Add	31.26	
For Vented Trough Bottom, Add	61.50	
For Solid Bottom, Add	53.34	
For 18" Rung Spacing, Deduct	-2.84	
For 9" Rung Spacing, Add	3.98	
26 05 36 00-2586 EA 24" Vertical Tee, Fiberglass Cable Tray	250.16	89.08
For 6" Rung Spacing, Add	17.48	
For 4" Rung Spacing, Add	32.05	
For Vented Trough Bottom, Add	63.32	
For Solid Bottom, Add	55.01	
For 18" Rung Spacing, Deduct	-2.91	
For 9" Rung Spacing, Add	4.08	
26 05 36 00-2587 EA 30" Vertical Tee, Fiberglass Cable Tray	260.42	94.18
For 6" Rung Spacing, Add	17.88	
For 4" Rung Spacing, Add	32.78	
For Vented Trough Bottom, Add	65.33	
For Solid Bottom, Add	56.94	
For 18" Rung Spacing, Deduct	-2.98	
For 9" Rung Spacing, Add	4.17	
26 05 36 00-2588 EA 36" Vertical Tee, Fiberglass Cable Tray	283.79	101.46
For 6" Rung Spacing, Add	19.76	
For 4" Rung Spacing, Add	36.22	
For Vented Trough Bottom, Add	71.69	
For Solid Bottom, Add	62.32	
For 18" Rung Spacing, Deduct	-3.29	
For 9" Rung Spacing, Add	4.61	
 26 05 36 00-2589 Flextray™ Cable Tray (26 05 36 00-0001)		
26 05 36 00-2590 Flextray™ Cable Tray Straight Sections (26 05 36 00-2589)		
Note: Includes splicing and splice bars.		
26 05 36 00-2591 LF 2" Deep x 2" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	31.92	6.85
26 05 36 00-2592 LF 2" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	42.23	7.30
26 05 36 00-2593 LF 2" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	44.44	7.63
26 05 36 00-2594 LF 2" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	46.71	8.02
26 05 36 00-2595 LF 2" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	50.33	8.41
26 05 36 00-2596 LF 2" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	54.44	8.80
26 05 36 00-2597 LF 2" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	55.36	9.19
26 05 36 00-2598 LF 2" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	57.63	9.45
26 05 36 00-2599 LF 2" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	58.77	9.71
26 05 36 00-2600 LF 4" Deep x 4" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	43.38	8.04
26 05 36 00-2601 LF 4" Deep x 6" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	47.81	8.36
26 05 36 00-2602 LF 4" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	52.31	8.80
26 05 36 00-2603 LF 4" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	55.73	9.23
26 05 36 00-2604 LF 4" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	59.57	9.66
26 05 36 00-2605 LF 4" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	64.93	10.10
26 05 36 00-2606 LF 4" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	69.23	10.43
26 05 36 00-2607 LF 4" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	72.25	10.65
26 05 36 00-2608 LF 4" Deep x 30" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	95.52	11.41
26 05 36 00-2609 LF 6" Deep x 8" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	58.39	9.66
26 05 36 00-2610 LF 6" Deep x 12" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	67.75	10.10
26 05 36 00-2611 LF 6" Deep x 16" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	70.88	10.54
26 05 36 00-2612 LF 6" Deep x 18" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	76.98	11.08
26 05 36 00-2613 LF 6" Deep x 20" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	79.55	11.30
26 05 36 00-2614 LF 6" Deep x 24" Wide Flextray™ Cable, Electroplated Zinc Galvanized Finish	101.07	11.62
 26 05 36 00-2615 Flextray™ Cable Tray Bends (26 05 36 00-2589)		
Note: Includes field fabricated bend and 90 degree kit.		
26 05 36 00-2616 EA 2" Deep x 2" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	23.96	5.10
Note: Field Fabricated		
26 05 36 00-2617 EA 2" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	31.68	5.43
Note: Field Fabricated		
26 05 36 00-2618 EA 2" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	44.44	7.61
Note: Field Fabricated		
26 05 36 00-2619 EA 2" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	70.12	12.06
Note: Field Fabricated		
26 05 36 00-2620 EA 2" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	100.66	16.84
Note: Field Fabricated		
26 05 36 00-2621 EA 2" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	136.12	22.05
Note: Field Fabricated		
26 05 36 00-2622 EA 2" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	152.09	27.59
Note: Field Fabricated		
26 05 36 00-2623 EA 2" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	180.81	33.13
Note: Field Fabricated		
26 05 36 00-2624 EA 2" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	235.10	38.89
Note: Field Fabricated		
26 05 36 00-2625 EA 4" Deep x 4" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	32.49	5.97
Note: Field Fabricated		
26 05 36 00-2626 EA 4" Deep x 6" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish	47.84	8.36
Note: Field Fabricated		

26 Electrical**26 05 Common Work Results for Electrical****26 05 36 Cable Trays for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 36 00-2627	EA		4" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	78.44	13.25
26 05 36 00-2628	EA		4" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	111.47	18.47
26 05 36 00-2629	EA		4" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	148.87	24.22
26 05 36 00-2630	EA		4" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	177.97	30.30
26 05 36 00-2631	EA		4" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	216.30	36.39
26 05 36 00-2632	EA		4" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	289.00	42.70
26 05 36 00-2633	EA		4" Deep x 30" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	477.75	57.03
26 05 36 00-2634	EA		6" Deep x 8" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	87.52	14.45
26 05 36 00-2635	EA		6" Deep x 12" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	135.55	20.21
26 05 36 00-2636	EA		6" Deep x 16" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	177.23	26.40
26 05 36 00-2637	EA		6" Deep x 18" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	210.49	33.13
26 05 36 00-2638	EA		6" Deep x 20" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	248.11	39.65
26 05 36 00-2639	EA		6" Deep x 24" Wide Flextray™ Cable Bend, Electroplated Zinc Galvanized Finish Note: Field Fabricated	404.25	46.60
26 05 36 00-2640			Flextray™ Cable Tray Brackets (26 05 36 00-2589)		
26 05 36 00-2641	EA		6" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™ Note: Field Fabricated	57.25	14.34
26 05 36 00-2642	EA		8" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™ Note: Field Fabricated	62.75	14.34
26 05 36 00-2643	EA		12" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™ Note: Field Fabricated	72.14	14.34
26 05 36 00-2644	EA		16" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™ Note: Field Fabricated	91.42	15.64
26 05 36 00-2645	EA		18" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™ Note: Field Fabricated	99.62	15.64
26 05 36 00-2646	EA		20" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™ Note: Field Fabricated	102.37	15.64
26 05 36 00-2647	EA		24" Shelf Bracket, Electroplated Zinc Galvanized Finish, Flextray™ Note: Field Fabricated	104.80	15.64
26 05 39 Underfloor Raceways for Electrical Systems					
26 05 39 00-0001			Underfloor Ducts (26 05 39)		
26 05 39 00-0002			Straight Duct Sections 10' Long, 14 Gauge Steel (26 05 39 00-0001)		
26 05 39 00-0003			Standard Ducts, 3.8 Square Inches (26 05 39 00-0002)		
26 05 39 00-0004	EA		Standard Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 3.8 Square Inches Note: Field Fabricated	103.05	19.12
26 05 39 00-0005	EA		Standard Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 3.8 Square Inches Note: Field Fabricated	130.49	22.38
26 05 39 00-0006			Large Capacity Ducts, 8.9 Square Inches (26 05 39 00-0002)		
26 05 39 00-0007	EA		Large Capacity Underfloor Straight Duct Blank Without Inserts, 10' Long, 14 Gauge, 8.9 Square Inches Note: Field Fabricated	175.00	24.22
26 05 39 00-0008	EA		Large Capacity Underfloor Straight Duct With 7/8" Inserts On 24" Centers, 10' Long, 14 Gauge, 8.9 Square Inches Note: Field Fabricated	200.87	26.84
26 05 39 00-0009			Junction Boxes (26 05 39 00-0001)		
26 05 39 00-0010			One Level Junction Boxes (26 05 39 00-0009)		
26 05 39 00-0011	EA		1 Level UF Duct Junction Box, 1 Standard Duct Without Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	266.29	38.02
26 05 39 00-0012	EA		1 Level UF Duct Junction Box, 1 Large Duct Without Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	302.49	40.74
26 05 39 00-0013	EA		1 Level UF Duct Junction Box, 1 Standard And Large Duct Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	498.44	38.02
26 05 39 00-0014	EA		1 Level UF Duct Junction Box, 2 Standard Ducts Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	332.77	40.74
26 05 39 00-0015	EA		1 Level UF Duct Junction Box, 3 Standard Ducts Per Side With Partitions In Box Note: Isolate each duct and form a continuous raceway through the box in both directions.	532.95	53.55
26 05 39 00-0016	EA		1 Level UF Duct Junction Box, 2 Large Ducts Per Side With Partitions In Box Duct Note: Isolate each duct and form a continuous raceway through the box in both directions.	755.13	58.22
26 05 39 00-0017			Two Level Junction Boxes (26 05 39 00-0009)		
26 05 39 00-0018	EA		2 Level UF Duct Junction Box, 2 Standard Duct Cross, Intersects At Right Angles, Raceway Bottom Level Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	1,172.20	38.45
26 05 39 00-0019	EA		2 Level UF Duct Junction Box, 2 Large Duct Bottom Level: Accepts Two Large Capacity Ducts Note: Accepts two standard ducts to form a continuous raceway at right angles to the top level raceway.	1,350.22	40.74
26 05 39 00-0020			Elbow Fittings (26 05 39 00-0001)		
26 05 39 00-0021			90 Degree Horizontal Elbow (26 05 39 00-0020)		
26 05 39 00-0022	EA		Underfloor Standard Duct Horizontal Elbow Fitting, 90 Degree Note: Field Fabricated	132.05	14.01
26 05 39 00-0023	EA		Underfloor Large Duct Horizontal Elbow Fitting, 90 Degree Note: Field Fabricated	136.20	14.01
26 05 39 00-0024			90 Degree Vertical Elbow (26 05 39 00-0020)		
26 05 39 00-0025	EA		Underfloor Standard Duct Vertical Elbow Fitting, 90 Degree Note: Field Fabricated	71.49	14.01
26 05 39 00-0026	EA		Underfloor Large Duct Vertical Elbow Fitting, 90 Degree Note: Field Fabricated	73.15	14.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 39 00-0027	Offset Elbow <small>(26 05 39 00-0020)</small>	
	Note: Two elbows required for crossover or crossunder.	
26 05 39 00-0028 EA	Underfloor Standard Duct Offset Elbow 45 Degree, 2 Required For Over-Under.....	71.49
26 05 39 00-0029 EA	Underfloor Large Duct Offset Elbow 45 Degree, 2 Required For Over-Under	73.15
26 05 39 00-0030	Couplings <small>(26 05 39 00-0001)</small>	
26 05 39 00-0031	Sleeve Couplings <small>(26 05 39 00-0030)</small>	
26 05 39 00-0032 EA	Underfloor Standard Duct Sleeve Coupling	43.61
26 05 39 00-0033 EA	Underfloor Large Duct Sleeve Coupling	67.09
26 05 39 00-0034	Expansion Couplings <small>(26 05 39 00-0030)</small>	
26 05 39 00-0035 EA	Underfloor Standard Duct Expansion Coupling	101.33
26 05 39 00-0036 EA	Underfloor Large Duct Expansion Coupling.....	103.41
26 05 39 00-0037	Reducing Couplings <small>(26 05 39 00-0030)</small>	
26 05 39 00-0038 EA	Reducing Coupling, Large To Standard Duct Underfloor Duct Coupling	106.02
26 05 39 00-0039	Duct Supports <small>(26 05 39 00-0001)</small>	
26 05 39 00-0040	Combination Support And Coupling <small>(26 05 39 00-0039)</small>	
	Note: Includes leveling legs and anchoring feet.	
26 05 39 00-0041 EA	1 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	99.60
26 05 39 00-0042 EA	2 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	110.71
26 05 39 00-0043 EA	3 Standard Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	121.90
26 05 39 00-0044 EA	1 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	110.71
26 05 39 00-0045 EA	2 Large Duct Support And Coupling With Legs With Leveling Legs And Anchor Feet	133.35
26 05 39 00-0046 EA	1 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	121.90
26 05 39 00-0047 EA	2 Standard And 1 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	121.90
26 05 39 00-0048 EA	1 Standard And 2 Large Duct Support And Coupling With Leveling Legs And Anchor Feet	133.35
26 05 39 00-0049	Duct Support Only <small>(26 05 39 00-0039)</small>	
	Note: Includes leveling legs and anchoring feet.	
26 05 39 00-0050 EA	1 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	90.38
26 05 39 00-0051 EA	2 Underfloor Duct Support Only With Leveling Legs And Anchor Feet	106.43
26 05 39 00-0052 EA	3 Underfloor Duct Support Only With Leveling Legs And Anchor Feet.....	123.89
26 05 39 00-0053	Underfloor Duct Accessories <small>(26 05 39 00-0001)</small>	
26 05 39 00-0054	Plugs For Unused Junction Box Openings And Duct Ends <small>(26 05 39 00-0053)</small>	
26 05 39 00-0055 EA	Standard Plugs For Unused Junction Box Opening And Underfloor Duct Ends	27.42
26 05 39 00-0056 EA	Large Plugs For Unused Junction Box Opening And Underfloor Duct Ends	27.99
26 05 39 00-0057	Conduit Adapters <small>(26 05 39 00-0053)</small>	
26 05 39 00-0058 EA	One 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	39.33
26 05 39 00-0059 EA	Two 1-1/4" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	41.71
26 05 39 00-0060 EA	One 2" Conduit To Standard Duct Underfloor Conduit To Duct, Adapter	40.46
26 05 39 00-0061 EA	Three 1-1/4" Conduit To Large Duct Underfloor Conduit To Duct, Adapter	41.60
26 05 39 00-0062	Holders And Caps <small>(26 05 39 00-0053)</small>	
26 05 39 00-0063 EA	Tile Holder, Underfloor Duct Accessories	248.78
26 05 39 00-0064 EA	Terrazzo Holder, Underfloor Duct Accessories	488.70
26 05 39 00-0065 EA	Closing Caps For Inserts, Underfloor Duct Accessories	3.16
26 05 39 00-0066	Underfloor Dust Pans <small>(26 05 39 00-0001)</small>	
26 05 39 00-0067 EA	Underfloor Dust Carpet Pan.....	112.83
26 05 43	Underground Ducts and Raceways for Electrical Systems <small>(26 05)</small>	
	Note: Includes warning tape. See CSI section 33 71 19 23-0000 for underground trenched ductbank.	
26 05 43 00-0001	Precast Concrete Trenches, One Piece Pedestrian Trench <small>(26 05 43)</small>	
	Note: Rated for 200 PSF Pedestrian Weight. Excludes excavation, removal of dirt and sand bedding.	
26 05 43 00-0002	10" Wide Pedestrian Trench <small>(26 05 43 00-0001)</small>	
26 05 43 00-0003 LF	Base, Solid Bottom 10" Wide x 15" Deep Pedestrian Trench	86.11
26 05 43 00-0004 LF	Base, Open Bottom 10" Wide x 15" Deep Pedestrian Trench	82.28
26 05 43 00-0005 LF	Base, Solid Bottom 10" Wide x 24" Deep Pedestrian Trench	119.59
26 05 43 00-0006 LF	Base, Open Bottom 10" Wide x 24" Deep Pedestrian Trench	114.28
26 05 43 00-0007 EA	End Wall, 10" Wide x 15" Deep Pedestrian Trench	57.77
26 05 43 00-0008 EA	End Wall, 10" Wide x 24" Deep Pedestrian Trench	68.14

26 Electrical**26 05 Common Work Results for Electrical****26 05 43 Underground Ducts and Raceways for Electrical Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 43 00-0009 LF Lid, Concrete, 10" Wide Pedestrian Trench.....	57.40	
26 05 43 00-0010 20" Wide Pedestrian Trench (26 05 43 00-0001)		
26 05 43 00-0011 LF Base, Solid Bottom 20" Wide x 15" Deep Pedestrian Trench	108.96	
26 05 43 00-0012 LF Base, Open Bottom 20" Wide x 15" Deep Pedestrian Trench	102.20	
26 05 43 00-0013 LF Base, Solid Bottom 20" Wide x 24" Deep Pedestrian Trench	147.45	
26 05 43 00-0014 LF Base, Open Bottom 20" Wide x 24" Deep Pedestrian Trench	141.29	
26 05 43 00-0015 EA End Wall, 20" Wide x 15" Deep Pedestrian Trench	72.06	
26 05 43 00-0016 EA End Wall, 20" Wide x 24" Deep Pedestrian Trench	105.05	
26 05 43 00-0017 LF Lid, Concrete, 20" Wide Pedestrian Trench	71.79	
26 05 43 00-0018 30" Wide Pedestrian Trench (26 05 43 00-0001)		
26 05 43 00-0019 LF Base, Solid Bottom 30" Wide x 15" Deep Pedestrian Trench	138.69	
26 05 43 00-0020 LF Base, Open Bottom 30" Wide x 15" Deep Pedestrian Trench	163.48	
26 05 43 00-0021 LF Base, Solid Bottom 30" Wide x 24" Deep Pedestrian Trench	173.63	
26 05 43 00-0022 LF Base, Open Bottom 30" Wide x 24" Deep Pedestrian Trench	166.61	
26 05 43 00-0023 EA End Wall, 30" Wide x 15" Deep Pedestrian Trench	103.28	
26 05 43 00-0024 EA End Wall, 30" Wide x 24" Deep Pedestrian Trench	140.52	
26 05 43 00-0025 LF Lid, Concrete, 30" Wide Pedestrian Trench	89.68	
26 05 43 00-0026 40" Wide Pedestrian Trench (26 05 43 00-0001)		
26 05 43 00-0027 LF Base, Solid Bottom 40" Wide x 15" Deep Pedestrian Trench	165.90	
26 05 43 00-0028 LF Base, Open Bottom 40" Wide x 15" Deep Pedestrian Trench	159.51	
26 05 43 00-0029 LF Base, Solid Bottom 40" Wide x 24" Deep Pedestrian Trench	203.03	
26 05 43 00-0030 LF Base, Open Bottom 40" Wide x 24" Deep Pedestrian Trench	195.22	
26 05 43 00-0031 EA End Wall, 40" Wide x 15" Deep Pedestrian Trench	132.19	
26 05 43 00-0032 EA End Wall, 40" Wide x 24" Deep Pedestrian Trench	179.66	
26 05 43 00-0033 LF Lid, Concrete, 40" Wide Pedestrian Trench	105.88	
26 05 43 00-0034 Precast Concrete Trenches, One Piece Medium Vehicle Trench (26 05 43)		
Note: Rated for 7000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		
26 05 43 00-0035 10" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0036 LF Base, Solid Bottom 10" Wide x 15" Deep Medium Vehicle Trench	104.89	
26 05 43 00-0037 LF Base, Open Bottom 10" Wide x 15" Deep Medium Vehicle Trench	99.92	
26 05 43 00-0038 LF Base, Solid Bottom 10" Wide x 24" Deep Medium Vehicle Trench	145.64	
26 05 43 00-0039 LF Base Open Bottom 10" Wide x 24" Deep Medium Vehicle Trench	138.78	
26 05 43 00-0040 EA End Wall, 10" Wide x 15" Deep Medium Vehicle Trench	68.21	
26 05 43 00-0041 EA End Wall, 10" Wide x 24" Deep Medium Vehicle Trench	79.08	
26 05 43 00-0042 LF Lid, Concrete 10" Wide Medium Vehicle Trench	69.92	
26 05 43 00-0043 LF Lid, Galvanized Steel 10" Wide Medium Vehicle Trench	314.74	
26 05 43 00-0044 20" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0045 LF Base, Solid Bottom 20" Wide x 15" Deep Medium Vehicle Trench	131.89	
26 05 43 00-0046 LF Base, Open Bottom 20" Wide x 15" Deep Medium Vehicle Trench	123.16	
26 05 43 00-0047 LF Base, Solid Bottom 20" Wide x 24" Deep Medium Vehicle Trench	177.68	
26 05 43 00-0048 LF Base Open Bottom 20" Wide x 24" Deep Medium Vehicle Trench	169.72	
26 05 43 00-0049 EA End Wall, 20" Wide x 15" Deep Medium Vehicle Trench	84.14	
26 05 43 00-0050 EA End Wall, 20" Wide x 24" Deep Medium Vehicle Trench	122.82	
26 05 43 00-0051 LF Lid, Concrete 20" Wide Medium Vehicle Trench	87.45	
26 05 43 00-0052 LF Lid, Galvanized Steel 20" Wide Medium Vehicle Trench	417.45	
26 05 43 00-0053 30" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0054 LF Base, Solid Bottom 30" Wide x 15" Deep Medium Vehicle Trench	131.73	
26 05 43 00-0055 LF Base, Open Bottom 30" Wide x 15" Deep Medium Vehicle Trench	158.64	
26 05 43 00-0056 LF Base, Solid Bottom 30" Wide x 24" Deep Medium Vehicle Trench	208.03	
26 05 43 00-0057 LF Base Open Bottom 30" Wide x 24" Deep Medium Vehicle Trench	198.96	
26 05 43 00-0058 EA End Wall, 30" Wide x 15" Deep Medium Vehicle Trench	119.94	
26 05 43 00-0059 EA End Wall, 30" Wide x 24" Deep Medium Vehicle Trench	165.19	
26 05 43 00-0060 LF Lid, Concrete 30" Wide Medium Vehicle Trench	109.51	
26 05 43 00-0061 LF Lid, Galvanized Steel 30" Wide Medium Vehicle Trench	521.17	
26 05 43 00-0062 40" Wide Medium Vehicle Trench (26 05 43 00-0034)		
26 05 43 00-0063 LF Base, Solid Bottom 40" Wide x 15" Deep Medium Vehicle Trench	197.17	
26 05 43 00-0064 LF Base, Open Bottom 40" Wide x 15" Deep Medium Vehicle Trench	188.92	
26 05 43 00-0065 LF Base, Solid Bottom 40" Wide x 24" Deep Medium Vehicle Trench	241.39	
26 05 43 00-0066 LF Base Open Bottom 40" Wide x 24" Deep Medium Vehicle Trench	231.27	
26 05 43 00-0067 EA End Wall, 40" Wide x 15" Deep Medium Vehicle Trench	153.53	
26 05 43 00-0068 EA End Wall, 40" Wide x 24" Deep Medium Vehicle Trench	211.16	
26 05 43 00-0069 LF Lid, Concrete 40" Wide Medium Vehicle Trench	128.81	
26 05 43 00-0070 LF Lid, Galvanized Steel 40" Wide Medium Vehicle Trench	708.70	
26 05 43 00-0071 Precast Concrete Trenches, One Piece H20 Road Crossing Trench (26 05 43)		
Note: H20 Rated for 32000 lbs Gross Vehicle Weight. Excludes excavation, removal of dirt and sand bedding.		

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 05 43 00-0072				10" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>		
26 05 43 00-0073	LF			Base, Solid Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	228.71	
26 05 43 00-0074	LF			Base, Open Bottom for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	217.58	
26 05 43 00-0075	LF			Base, Solid Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	285.50	
26 05 43 00-0076	LF			Base, Open Bottom for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	271.46	
26 05 43 00-0077	LF			Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	219.54	
26 05 43 00-0078	LF			Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	208.95	
26 05 43 00-0079	LF			Base, Solid Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	276.33	
26 05 43 00-0080	LF			Base, Open Bottom for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	262.86	
26 05 43 00-0081	EA			End Wall for Concrete Lid, 10" Wide x 16" Deep Road Crossing Trench	150.74	
26 05 43 00-0082	EA			End Wall for Concrete Lid, 10" Wide x 24" Deep Road Crossing Trench	203.98	
26 05 43 00-0083	EA			End Wall for Galvanized Steel Lid, 10" Wide x 16" Deep Road Crossing Trench	136.19	
26 05 43 00-0084	EA			End Wall for Galvanized Steel Lid, 10" Wide x 24" Deep Road Crossing Trench	189.12	
26 05 43 00-0085	LF			Lid, Concrete 10" Wide Road Crossing Trench	105.24	
26 05 43 00-0086	LF			Lid, Galvanized Steel 10" Wide Road Crossing Trench	341.61	

26 05 43 00-0087				20" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>		
26 05 43 00-0088	LF			Base, Solid Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	241.96	
26 05 43 00-0089	LF			Base, Open Bottom for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	230.54	
26 05 43 00-0090	LF			Base, Solid Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	319.85	
26 05 43 00-0091	LF			Base, Open Bottom for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	304.58	
26 05 43 00-0092	LF			Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	241.96	
26 05 43 00-0093	LF			Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	230.54	
26 05 43 00-0094	LF			Base, Solid Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	310.68	
26 05 43 00-0095	LF			Base, Open Bottom for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	295.98	
26 05 43 00-0096	EA			End Wall for Concrete Lid, 20" Wide x 16" Deep Road Crossing Trench	215.37	
26 05 43 00-0097	EA			End Wall for Concrete Lid, 20" Wide x 24" Deep Road Crossing Trench	292.94	
26 05 43 00-0098	EA			End Wall for Galvanized Steel Lid, 20" Wide x 16" Deep Road Crossing Trench	184.18	
26 05 43 00-0099	EA			End Wall for Galvanized Steel Lid, 20" Wide x 24" Deep Road Crossing Trench	271.75	
26 05 43 00-0100	LF			Lid, Concrete 20" Wide Road Crossing Trench	117.23	
26 05 43 00-0101	LF			Lid, Galvanized Steel 20" Wide Road Crossing Trench	506.93	

26 05 43 00-0102				30" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>		
26 05 43 00-0103	LF			Base, Solid Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	285.03	
26 05 43 00-0104	LF			Base, Open Bottom for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	271.97	
26 05 43 00-0105	LF			Base, Solid Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	352.48	
26 05 43 00-0106	LF			Base, Open Bottom for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	336.25	
26 05 43 00-0107	LF			Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	275.86	
26 05 43 00-0108	LF			Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	263.34	
26 05 43 00-0109	LF			Base, Solid Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	343.31	
26 05 43 00-0110	LF			Base, Open Bottom for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	327.34	
26 05 43 00-0111	EA			End Wall for Concrete Lid, 30" Wide x 16" Deep Road Crossing Trench	286.90	
26 05 43 00-0112	EA			End Wall for Concrete Lid, 30" Wide x 24" Deep Road Crossing Trench	380.21	
26 05 43 00-0113	EA			End Wall for Galvanized Steel Lid, 30" Wide x 16" Deep Road Crossing Trench	259.07	
26 05 43 00-0114	EA			End Wall for Galvanized Steel Lid, 30" Wide x 24" Deep Road Crossing Trench	352.38	
26 05 43 00-0115	LF			Lid, Concrete 30" Wide Road Crossing Trench	148.46	
26 05 43 00-0116	LF			Lid, Galvanized Steel 30" Wide Road Crossing Trench	635.73	

26 05 43 00-0117				40" Wide H20 Road Crossing Trench <small>(26 05 43 00-0071)</small>		
26 05 43 00-0118	LF			Base, Solid Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	314.10	
26 05 43 00-0119	LF			Base, Open Bottom for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	300.06	
26 05 43 00-0120	LF			Base, Solid Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	386.75	
26 05 43 00-0121	LF			Base, Open Bottom for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	369.13	
26 05 43 00-0122	LF			Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	304.93	
26 05 43 00-0123	LF			Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	291.46	
26 05 43 00-0124	LF			Base, Solid Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	377.58	
26 05 43 00-0125	LF			Base, Open Bottom for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	360.50	
26 05 43 00-0126	EA			End Wall for Concrete Lid, 40" Wide x 16" Deep Road Crossing Trench	355.90	
26 05 43 00-0127	EA			End Wall for Concrete Lid, 40" Wide x 24" Deep Road Crossing Trench	471.39	
26 05 43 00-0128	EA			End Wall for Galvanized Steel Lid, 40" Wide x 16" Deep Road Crossing Trench	321.75	
26 05 43 00-0129	EA			End Wall for Galvanized Steel Lid, 40" Wide x 24" Deep Road Crossing Trench	437.24	
26 05 43 00-0130	LF			Lid, Concrete 40" Wide Road Crossing Trench	179.24	
26 05 43 00-0131	LF			Lid, Galvanized Steel 40" Wide Road Crossing Trench	864.59	

26 05 46 Utility Poles for Electrical Systems (26 05)

26 05 46 00-0001				Wood Poles <small>(26 05 46)</small>		
26 05 46 00-0002				Wood Pole, Class 3, Penta-Treated To 8 LB Retention <small>(26 05 46 00-0001)</small>		
				Note: Machine dig and set.		
26 05 46 00-0003	EA			25' Treated Wood Pole, Class 3, Machine Dig And Set	920.65	291.25
				<i>For Class 4 Pole, Deduct</i>	-33.81	
				<i>For Class 2 Pole, Add</i>	67.61	
				<i>For Class 1 Pole, Add</i>	118.32	
				<i>For Class 5 Pole, Deduct</i>	-101.42	
				<i>For Class 6 Pole, Deduct</i>	-135.22	

26 Electrical**26 05 Common Work Results for Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0004	EA		30' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,105.31	323.14
			<i>For Class 4 Pole, Deduct</i>	-45.90	
			<i>For Class 2 Pole, Add</i>	91.80	
			<i>For Class 1 Pole, Add</i>	160.65	
			<i>For Class 5 Pole, Deduct</i>	-137.70	
			<i>For Class 6 Pole, Deduct</i>	-183.60	
26 05 46 00-0005	EA		35' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,431.81	427.38
			<i>For Class 4 Pole, Deduct</i>	-57.72	
			<i>For Class 2 Pole, Add</i>	115.43	
			<i>For Class 1 Pole, Add</i>	202.01	
			<i>For Class 5 Pole, Deduct</i>	-173.15	
			<i>For Class 6 Pole, Deduct</i>	-230.87	
26 05 46 00-0006	EA		40' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,640.94	470.06
			<i>For Class 4 Pole, Deduct</i>	-70.09	
			<i>For Class 2 Pole, Add</i>	140.17	
			<i>For Class 1 Pole, Add</i>	245.30	
			<i>For Class 5 Pole, Deduct</i>	-210.26	
			<i>For Class 6 Pole, Deduct</i>	-280.34	
26 05 46 00-0007	EA		45' Treated Wood Pole, Class 3, Machine Dig And Set.....	1,877.23	523.55
			<i>For Class 4 Pole, Deduct</i>	-83.00	
			<i>For Class 2 Pole, Add</i>	166.01	
			<i>For Class 1 Pole, Add</i>	290.51	
			<i>For Class 5 Pole, Deduct</i>	-249.01	
			<i>For Class 6 Pole, Deduct</i>	-332.01	
26 05 46 00-0008	EA		50' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,137.07	587.58
			<i>For Class 4 Pole, Deduct</i>	-96.20	
			<i>For Class 2 Pole, Add</i>	192.39	
			<i>For Class 1 Pole, Add</i>	336.68	
			<i>For Class 5 Pole, Deduct</i>	-288.59	
			<i>For Class 6 Pole, Deduct</i>	-384.78	
26 05 46 00-0009	EA		55' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,392.00	646.27
			<i>For Class 4 Pole, Deduct</i>	-109.94	
			<i>For Class 2 Pole, Add</i>	219.87	
			<i>For Class 1 Pole, Add</i>	384.78	
			<i>For Class 5 Pole, Deduct</i>	-329.81	
			<i>For Class 6 Pole, Deduct</i>	-439.75	
26 05 46 00-0010	EA		60' Treated Wood Pole, Class 3, Machine Dig And Set.....	2,674.74	710.68
			<i>For Class 4 Pole, Deduct</i>	-125.33	
			<i>For Class 2 Pole, Add</i>	250.66	
			<i>For Class 1 Pole, Add</i>	438.65	
			<i>For Class 5 Pole, Deduct</i>	-375.99	
			<i>For Class 6 Pole, Deduct</i>	-501.32	
26 05 46 00-0011	EA		65' Treated Wood Pole, Class 3, Machine Dig And Set.....	4,437.01	774.59
			<i>For Class 4 Pole, Deduct</i>	-288.78	
			<i>For Class 2 Pole, Add</i>	577.56	
			<i>For Class 1 Pole, Add</i>	1,010.73	
			<i>For Class 5 Pole, Deduct</i>	-866.34	
			<i>For Class 6 Pole, Deduct</i>	-1,155.12	
26 05 46 00-0012	EA		70' Treated Wood Pole, Class 3, Machine Dig And Set.....	4,876.42	823.98
			<i>For Class 4 Pole, Deduct</i>	-322.84	
			<i>For Class 2 Pole, Add</i>	645.69	
			<i>For Class 1 Pole, Add</i>	1,129.95	
			<i>For Class 5 Pole, Deduct</i>	-968.53	
			<i>For Class 6 Pole, Deduct</i>	-1,291.38	
26 05 46 00-0013	EA		75' Treated Wood Pole, Class 3, Machine Dig And Set.....	5,364.11	880.07
			<i>For Class 4 Pole, Deduct</i>	-360.39	
			<i>For Class 2 Pole, Add</i>	720.79	
			<i>For Class 1 Pole, Add</i>	1,261.38	
			<i>For Class 5 Pole, Deduct</i>	-1,081.18	
			<i>For Class 6 Pole, Deduct</i>	-1,441.57	
26 05 46 00-0014			Removal And Relocation Of Wood Poles With Cross Arm <small>(26 05 46 00-0001)</small>		
26 05 46 00-0015	LF		Removal And Relocation Of Up To 75' Wood Pole With Cross Arms.....	24.82	
26 05 46 00-0016			Crossarms <small>(26 05 46)</small> Note: Includes hardware and braces.		
26 05 46 00-0017			Wood Single Arm Crossarms <small>(26 05 46 00-0016)</small>		
26 05 46 00-0018	EA		3-1/2" x 4-1/2" x 5'-7", Single Arm Wood Crossarm, With Hardware And Braces.....	216.51	86.86
26 05 46 00-0019	EA		3-1/2" x 4-1/2" x 8'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	261.34	86.86
26 05 46 00-0020	EA		3-3/4" x 4-3/4" x 10'-0", Single Arm Wood Crossarm, With Hardware And Braces.....	274.15	111.68
26 05 46 00-0021			Wood Double Arm Crossarms <small>(26 05 46 00-0016)</small>		
26 05 46 00-0022	EA		3-1/2" x 4-1/2" x 5'-7", Double Arm Wood Crossarm, With Hardware And Braces.....	556.27	241.98
26 05 46 00-0023	EA		3-1/2" x 4-1/2" x 8'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	592.68	241.98
26 05 46 00-0024	EA		3-3/4" x 4-3/4" x 10'-0", Double Arm Wood Crossarm, With Hardware And Braces.....	616.59	241.98
26 05 46 00-0025			Fiberglass Crossarms <small>(26 05 46 00-0016)</small> Note: Includes hardware.		
26 05 46 00-0026			Single Phase, 15 Degree Angle <small>(26 05 46 00-0025)</small>		
26 05 46 00-0027	EA		Fiberglass Cutout And Arrestor Bracket, 18", Minimum Ultimate Load 800 LB.....	246.57	
26 05 46 00-0028	EA		Fiberglass Insulator Bracket, 14", 11/16" Diameter Hole, Minimum Ultimate Load 1,200 LB.....	310.51	52.12

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0029 EA Fiberglass Insulator Bracket, 14", 1" Lead Threaded, Minimum Ultimate Load 1,200 LB.....	322.91	55.84
26 05 46 00-0030 Two Phase, 15 Degree Angle (26 05 46 00-0025)		
26 05 46 00-0031 EA Fiberglass Insulator Bracket, 36", Minimum Ultimate Load 1,200 LB	386.68	67.01
26 05 46 00-0032 Fiberglass Crossarm Accessories (26 05 46 00-0025)		
26 05 46 00-0033 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 7,000 LB Per Conductor	636.53	85.62
26 05 46 00-0034 EA Fiberglass Deadend Crossarm, 36", Minimum Ultimate Load 12,000 LB Per Conductor	753.54	104.23
26 05 46 00-0035 EA Pole Top Pin, Hot Dip Galvanized, 18", 1" Lead Threaded	110.69	14.89
26 05 46 00-0036 EA Three Phase Equipment Mounting Bracket	553.50	74.46
26 05 46 00-0037 EA Fiberglass Bull Horn Crossarm	431.37	124.09
26 05 46 00-0038 Insulator Support System (26 05 46 00-0016)		
26 05 46 00-0039 Epoxy Construction Units, In Place Mounting (26 05 46 00-0038)		
Note: Includes hardware.		
26 05 46 00-0040 EA 1-1/2" Diameter x 19" Long Pole Side Pins Vertical (1 Arm Installed), In Place Mounting	129.48	
26 05 46 00-0041 EA 1-1/2" Diameter x 15" Long Pole Top Pins, In Place Mounting	106.88	
26 05 46 00-0042 EA Deadend Arms, In Place Mounting	318.47	
26 05 46 00-0043 EA 1-1/2" Diameter x 18" Long Pole Side Pins Vertical (2 Arms Installed), In Place Mounting	208.81	
26 05 46 00-0044 Epoxy Construction Units, Grounding Mounting (26 05 46 00-0038)		
Note: Includes hardware.		
26 05 46 00-0045 EA 1-1/2" Diameter x 18" Long Pole Side Pins Vertical, Grounding Mounting	93.56	
26 05 46 00-0046 EA 1-1/2" Diameter x 15" Long Pole Top Pins, Grounding Mounting	82.94	
26 05 46 00-0047 EA Deadend Arms, Grounding Mounting	294.53	
26 05 46 00-0048 Guying (26 05 46)		
Note: Includes cable, anchor and rod assembly, guy marker.		
26 05 46 00-0049 Down Guy (26 05 46 00-0048)		
26 05 46 00-0050 EA Down Guy For 25' To 40' Pole	905.08	347.46
26 05 46 00-0051 EA Down Guy For 45' To 60' Pole	924.77	347.46
26 05 46 00-0052 EA Down Guy For 65' To 75' Pole	965.26	347.46
26 05 46 00-0053 EA Guy Guard, Plastic.....	42.78	
26 05 46 00-0054 Head Guy, 50' Spans (26 05 46 00-0048)		
26 05 46 00-0055 EA Head Guy (50' Span), For 25' To 40' Pole	1,282.07	533.60
26 05 46 00-0056 EA Head Guy (50' Span), For 45' To 60' Pole	1,282.07	533.60
26 05 46 00-0057 EA Head Guy (50' Span), For 65' To 75' Pole	1,282.07	533.60
26 05 46 00-0058 Guy Strain Insulators Additional Insulators (26 05 46 00-0048)		
Note: As required at same material cost and labor.		
26 05 46 00-0059 EA Guy Strain Insulator	529.45	260.60
26 05 46 00-0060 Insulators (26 05 46)		
26 05 46 00-0061 Pin Insulator With Pin (26 05 46 00-0060)		
26 05 46 00-0062 EA 5 KV Class 55-3, Pin Insulator With Pin.....	166.97	74.46
26 05 46 00-0063 EA 15 KV Class 55-5, Pin Insulator With Pin.....	172.02	74.46
26 05 46 00-0064 Suspension Insulator (26 05 46 00-0060)		
Note: Includes clevis and strain clamp.		
26 05 46 00-0065 EA 5 KV Class 52-2, Suspension Insulator, With Clevis And Strain Clamp.....	212.37	99.28
26 05 46 00-0066 EA 15 KV Class 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	226.10	99.28
26 05 46 00-0067 EA 25 KV Class 2 x 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	317.90	124.09
26 05 46 00-0068 EA 50 KV Class 4 x 52-4, Suspension Insulator, With Clevis And Strain Clamp.....	504.57	198.55
26 05 46 00-0069 Spool Insulator With Clevis (26 05 46 00-0060)		
26 05 46 00-0070 EA 5 KV Class 53-5, Spool Insulator With Clevis	70.71	31.02
26 05 46 00-0071 EA 15 KV Class, Spool Insulator With Clevis	226.94	111.68
26 05 46 00-0072 EA 25 KV Class, Spool Insulator With Clevis	294.25	111.68
26 05 46 00-0073 Secondary Rack (26 05 46 00-0060)		
26 05 46 00-0074 EA 1 Spool Secondary Rack	140.44	62.05
26 05 46 00-0075 EA 2 Spool Secondary Rack	144.88	79.17
26 05 46 00-0076 EA 3 Spool Secondary Rack	216.89	105.48
26 05 46 00-0077 EA 4 Spool Secondary Rack	243.66	105.48
26 05 46 00-0078 Outdoor Load Break Switches (26 05 46)		

26 Electrical**26 05 Common Work Results for Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Note: 3-Phase, group operated, 3-insulator, vertical break, high strength pin insulators worm gear operating mechanism operating rods, mechanisms, and switch bases are galvanized steel.

26 05 46 00-0079		7.2 KV Outdoor Load Break Switches (26 05 46 00-0078)		
26 05 46 00-0080	EA	600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	4,811.97	421.92
26 05 46 00-0081	EA	1,200 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	9,509.98	421.92
26 05 46 00-0082	EA	1,600 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,172.12	713.54
26 05 46 00-0083	EA	2,000 Amperes, 7.2 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,428.71	713.54
26 05 46 00-0084		14.4 KV Outdoor Load Break Switches (26 05 46 00-0078)		
26 05 46 00-0085	EA	600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	5,902.27	421.92
26 05 46 00-0086	EA	1,200 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	11,259.77	421.92
26 05 46 00-0087	EA	1,600 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,172.12	713.54
26 05 46 00-0088	EA	2,000 Amperes, 14.4 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,428.71	713.54
26 05 46 00-0089		23 KV Outdoor Load Break Switches (26 05 46 00-0078)		
26 05 46 00-0090	EA	600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	6,501.90	490.17
26 05 46 00-0091	EA	1,200 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	12,315.41	490.17
26 05 46 00-0092	EA	1,600 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	14,782.97	843.83
26 05 46 00-0093	EA	2,000 Amperes, 23 KV, Outdoor Load Break Switch, 3 Phase Vertical Break, 3 Insulator	15,047.98	843.83
26 05 46 00-0094		Square Distribution Poles (26 05 46)		
26 05 46 00-0095		Square Steel Tapered Shaft Distribution Poles (26 05 46 00-0094)		
26 05 46 00-0096	EA	20', Steel Taped Shaft Distribution Pole	3,833.86	527.39
26 05 46 00-0097	EA	25', Steel Taped Shaft Distribution Pole	4,285.03	558.41
26 05 46 00-0098	EA	30', Steel Taped Shaft Distribution Pole	4,641.47	620.46
26 05 46 00-0099	EA	35', Steel Taped Shaft Distribution Pole	5,138.60	682.51
26 05 46 00-0100	EA	40', Steel Taped Shaft Distribution Pole	7,066.96	744.56
26 05 46 00-0101		Square Prestressed Concrete Distribution Poles (26 05 46 00-0094)		
26 05 46 00-0102	EA	30', Prestressed Concrete Square Pole For Distribution	4,807.75	927.75
26 05 46 00-0103	EA	35', Prestressed Concrete Square Pole For Distribution	5,440.27	1,017.53
26 05 46 00-0104	EA	40', Prestressed Concrete Square Pole For Distribution	6,390.77	1,137.25
26 05 46 00-0105	EA	45', Prestressed Concrete Square Pole For Distribution	7,203.02	1,256.95
26 05 46 00-0106	EA	50', Prestressed Concrete Square Pole For Distribution	5,191.73	1,526.30
26 05 46 00-0107	EA	55', Prestressed Concrete Square Pole For Distribution	10,161.35	1,795.65
26 05 46 00-0108	EA	60', Prestressed Concrete Square Pole For Distribution	11,997.88	2,035.07
26 05 46 00-0109	EA	65', Prestressed Concrete Square Pole For Distribution	14,476.30	2,513.91
26 05 46 00-0110	EA	70', Prestressed Concrete Square Pole For Distribution	16,220.61	2,753.33
26 05 46 00-0111		Aluminum Tapered Poles (26 05 46)		
26 05 46 00-0112		Aluminum Tapered Round Seamless Shaft Poles (26 05 46 00-0111)		
26 05 46 00-0113	EA	20', Aluminum Tapered Round Seamless Shaft Pole For Distribution	3,283.02	465.34
26 05 46 00-0114	EA	25', Aluminum Tapered Round Seamless Shaft Pole For Distribution	4,606.72	496.37
26 05 46 00-0115	EA	30', Aluminum Tapered Round Seamless Shaft Pole For Distribution	5,300.27	558.41
26 05 46 00-0116	EA	35', Aluminum Tapered Round Seamless Shaft Pole For Distribution	6,295.82	620.46
26 05 46 00-0117	EA	40', Aluminum Tapered Round Seamless Shaft Pole For Distribution	9,581.19	682.51
26 05 46 00-0118		Steel Service Poles Distribution (26 05 46)		
		Note: Direct embedded, bearing plate on base end, pole cap on top end, grounding nut, galvanized finish.		
26 05 46 00-0119		Round Tapered Pole (26 05 46 00-0118)		
26 05 46 00-0120	EA	40', Galvanized Steel Tapered Round Pole For Distribution	4,565.34	744.56
26 05 46 00-0121	EA	45', Galvanized Steel Tapered Round Pole For Distribution	5,310.41	806.61
26 05 46 00-0122	EA	50', Galvanized Steel Tapered Round Pole For Distribution	5,657.19	868.65
26 05 46 00-0123	EA	55', Galvanized Steel Tapered Round Pole For Distribution	6,664.73	992.74
26 05 46 00-0124	EA	60', Galvanized Steel Tapered Round Pole For Distribution	8,252.06	1,116.84
26 05 46 00-0125	EA	65', Galvanized Steel Tapered Round Pole For Distribution	9,716.62	1,406.59
26 05 46 00-0126	EA	70', Galvanized Steel Tapered Round Pole For Distribution	10,812.73	1,595.74
26 05 46 00-0127	EA	75', Galvanized Steel Tapered Round Pole For Distribution	11,949.05	1,795.65
26 05 46 00-0128	EA	80', Galvanized Steel Tapered Round Pole For Distribution	13,403.35	2,035.07
26 05 46 00-0129	EA	85', Galvanized Steel Tapered Round Pole For Distribution	14,324.66	2,154.78
26 05 46 00-0130	EA	90', Galvanized Steel Tapered Round Pole For Distribution	15,536.60	2,394.20
26 05 46 00-0131	EA	95', Galvanized Steel Tapered Round Pole For Distribution	17,096.12	2,693.47
26 05 46 00-0132	EA	100', Galvanized Steel Tapered Round Pole For Distribution	18,855.82	3,052.60
26 05 46 00-0133		12 Sided Tapered (26 05 46 00-0118)		
26 05 46 00-0134	EA	40', Galvanized Steel Tapered 12 Sided Pole For Distribution	7,862.98	744.56
26 05 46 00-0135	EA	45', Galvanized Steel Tapered 12 Sided Pole For Distribution	8,679.49	806.61
26 05 46 00-0136	EA	50', Galvanized Steel Tapered 12 Sided Pole For Distribution	9,614.52	868.65
26 05 46 00-0137	EA	55', Galvanized Steel Tapered 12 Sided Pole For Distribution	10,559.59	992.74
26 05 46 00-0138	EA	60', Galvanized Steel Tapered 12 Sided Pole For Distribution	14,054.29	1,116.84
26 05 46 00-0139	EA	65', Galvanized Steel Tapered 12 Sided Pole For Distribution	15,554.53	1,406.59

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 46 00-0140 EA 70', Galvanized Steel Tapered 12 Sided Pole For Distribution	18,023.18	1,595.74
26 05 46 00-0141 EA 75', Galvanized Steel Tapered 12 Sided Pole For Distribution	19,386.77	1,795.65
26 05 46 00-0142 EA 80', Galvanized Steel Tapered 12 Sided Pole For Distribution	20,831.74	2,035.07
26 05 46 00-0143 EA 85', Galvanized Steel Tapered 12 Sided Pole For Distribution	22,069.93	2,154.78
26 05 46 00-0144 EA 90', Galvanized Steel Tapered 12 Sided Pole For Distribution	25,059.92	2,394.20
26 05 46 00-0145 EA 95', Galvanized Steel Tapered 12 Sided Pole For Distribution	26,592.76	2,693.47
26 05 46 00-0146 EA 100', Galvanized Steel Tapered 12 Sided Pole For Distribution	28,414.80	3,052.60
26 05 46 00-0147 EA 105', Galvanized Steel Tapered 12 Sided Pole For Distribution	30,366.31	3,411.73
26 05 46 00-0148 Standard Options For Round, 12 Sided and Octagonal Tapered Poles <small>(26 05 46 00-0118)</small>		
26 05 46 00-0149 EA Ladder Clips.....	23.19	
26 05 46 00-0150 EA Coal Tar Epoxy Coating From Base To 1' Above Ground Line.....	173.97	
26 05 46 00-0151 EA Ground Sleeve-2' At Ground Line.....	174.99	
26 05 46 00-0152 Arms With Baseplates And Endplates <small>(26 05 46 00-0118)</small>		
26 05 46 00-0153 EA 4' Arm With Baseplate And Endplate.....	820.88	124.09
26 05 46 00-0154 EA 5' Arm With Baseplate And Endplate.....	898.54	124.09
26 05 46 00-0155 EA 6' Arm With Baseplate And Endplate.....	1,101.28	186.14
26 05 46 00-0156 EA 7' Arm With Baseplate And Endplate.....	1,169.20	186.14
26 05 46 00-0157 EA 8' Arm With Baseplate And Endplate.....	1,370.01	248.18
26 05 46 00-0158 EA 9' Arm With Baseplate And Endplate.....	1,447.62	248.18
26 05 46 00-0159 EA 10' Arm With Baseplate And Endplate.....	1,930.91	310.23
26 05 46 00-0160 EA 11' Arm With Baseplate And Endplate.....	2,018.04	310.23
26 05 46 00-0161 Standard Vangs Load Bearing At Any Angle <small>(26 05 46 00-0118)</small>		
26 05 46 00-0162 EA 15,000 LB Standard Vangs Load Bearing At Any Angle.....	312.22	124.09
26 05 46 00-0163 EA 30,000 LB Standard Vangs Load Bearing At Any Angle.....	359.80	124.09
26 05 46 00-0164 EA 45,000 LB Standard Vangs Load Bearing At Any Angle.....	424.85	124.09
26 05 46 00-0165 Armless Construction Brackets <small>(26 05 46 00-0118)</small>		
26 05 46 00-0166 Verticals Insulator And Equipment Bracket <small>(26 05 46 00-0165)</small>		
26 05 46 00-0167 EA 7" 1 Position Vertical Insulation And Equipment Bracket.....	319.98	124.09
26 05 46 00-0168 EA 12" 1 Position Vertical Insulation And Equipment Bracket.....	350.02	124.09
26 05 46 00-0169 EA 12" 3 Position Vertical Insulation And Equipment Bracket.....	398.82	124.09
26 05 46 00-0170 EA 18" 1 Position Vertical Insulation And Equipment Bracket.....	554.56	186.14
26 05 46 00-0171 EA 18" 3 Position Vertical Insulation And Equipment Bracket.....	583.06	186.14
26 05 46 00-0172 Horizontal And Multiple Insulator Brackets <small>(26 05 46 00-0165)</small>		
26 05 46 00-0173 EA Sidepole 1 7/8" Clearance Horizontal And Multiple Insulation Brackets.....	296.59	124.09
26 05 46 00-0174 EA Sidepole 2" Clearance Horizontal And Multiple Insulation Brackets.....	359.71	124.09
26 05 46 00-0175 EA Sidepole 9" Clearance Horizontal And Multiple Insulation Brackets.....	523.99	186.14
26 05 46 00-0176 EA Sidepole 10" Clearance Horizontal And Multiple Insulation Brackets.....	672.96	186.14
26 05 46 00-0177 EA Sidepole 15" Clearance Horizontal And Multiple Insulation Brackets.....	859.41	248.18
26 05 46 00-0178 EA Sidepole 20" Clearance Horizontal And Multiple Insulation Brackets.....	938.47	248.18
26 05 46 00-0179 Pole Top Bracket And Pins <small>(26 05 46 00-0165)</small>		
26 05 46 00-0180 EA Pole Top Pin - 5".....	305.75	124.09
26 05 46 00-0181 EA Pole Top Bracket - 5".....	321.08	124.09
26 05 46 00-0182 Angle Pins <small>(26 05 46 00-0165)</small>		
26 05 46 00-0183 EA Angle Pin - 25 Degree, 6".....	303.68	124.09
26 05 46 00-0184 EA Angle Pin - 25 Degree, 7 1/4".....	353.45	124.09
26 05 46 00-0185 Static And Neutral Wire Brackets <small>(26 05 46 00-0165)</small>		
26 05 46 00-0186 EA Neutral Wire Extension Bracket.....	319.35	124.09
26 05 46 00-0187 EA Static Wire Support Bracket.....	324.45	124.09
26 05 46 00-0188 Cutout, Arrestor And Terminator Brackets <small>(26 05 46 00-0165)</small>		
26 05 46 00-0189 EA Cutout And Arrestor, With Mounting Bracket.....	282.69	124.09
26 05 46 00-0190 EA Equipment Mounting T Bracket.....	305.28	124.09
26 05 46 00-0191 EA 15 KV Cutout.....	408.66	
26 05 46 00-0192 EA 9/10 KV Arrestor.....	376.89	124.09
26 05 46 00-0193 Spacer Cable, Conduit Support And Cluster Bracket <small>(26 05 46 00-0165)</small>		
26 05 46 00-0194 EA Parallel Cable Spacer.....	355.97	124.09
26 05 46 00-0195 EA Conduit Standoff Support Bracket.....	339.69	124.09
26 05 46 00-0196 EA Three Transformer Pole Mounted Cluster Bracket.....	904.42	124.09

26 Electrical**26 05 Common Work Results for Electrical****26 05 46 Utility Poles for Electrical Systems**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 05 46 00-0197		15 KV, 200 Amperes, Solenoid Operated High Voltage Switch <small>(26 05 46 00-0165)</small>			
		Note: Includes pole mounting bracket.			
26 05 46 00-0198	EA	15 KV, 1 Phase, Solenoid Switch With Pole Bracket.....	2,020.34		310.23
26 05 46 00-0199		Octagonal Tapered <small>(26 05 46 00-0118)</small>			
26 05 46 00-0200	EA	40', Galvanized Steel Tapered Octagonal Pole For Distribution.....	8,108.07		744.56
26 05 46 00-0201	EA	45', Galvanized Steel Tapered Octagonal Pole For Distribution.....	8,951.33		806.61
26 05 46 00-0202	EA	50', Galvanized Steel Tapered Octagonal Pole For Distribution.....	9,917.56		868.65
26 05 46 00-0203	EA	55', Galvanized Steel Tapered Octagonal Pole For Distribution.....	10,889.36		1,054.79
26 05 46 00-0204	EA	60', Galvanized Steel Tapered Octagonal Pole For Distribution.....	14,508.84		1,116.84
26 05 46 00-0205	EA	65', Galvanized Steel Tapered Octagonal Pole For Distribution.....	16,044.74		1,406.59
26 05 46 00-0206	EA	70', Galvanized Steel Tapered Octagonal Pole For Distribution.....	18,593.60		1,496.38
26 05 46 00-0207	EA	75', Galvanized Steel Tapered Octagonal Pole For Distribution.....	19,995.06		1,795.65
26 05 46 00-0208	EA	80', Galvanized Steel Tapered Octagonal Pole For Distribution.....	21,475.67		1,915.35
26 05 46 00-0209	EA	85', Galvanized Steel Tapered Octagonal Pole For Distribution.....	22,751.76		2,154.78
26 05 46 00-0210	EA	90', Galvanized Steel Tapered Octagonal Pole For Distribution.....	25,837.56		2,274.48
26 05 46 00-0211	EA	95', Galvanized Steel Tapered Octagonal Pole For Distribution.....	27,410.51		2,693.47
26 05 46 00-0212	EA	100', Galvanized Steel Tapered Octagonal Pole For Distribution.....	29,272.66		2,873.04
26 05 46 00-0213	EA	105', Galvanized Steel Tapered Octagonal Pole For Distribution.....	31,268.73		3,232.17
26 05 46 00-0214		Removal And Relocation Of Steel Service Poles <small>(26 05 46 00-0118)</small>			
26 05 46 00-0215	LF	Removal And Relocation Of Steel Service Poles With Arms Up To 60'.....	43.42		
26 05 46 00-0216		Special Steel Bases For Poles <small>(26 05 46 00-0118)</small>			
26 05 46 00-0217	EA	Spin-In Steel Base For Poles.....	281.78		
26 05 46 00-0218	EA	Series 3, 25' Pole And less.....	315.04		62.05
26 05 46 00-0219	EA	Series 4, 40' Pole And less.....	376.10		71.36
26 05 46 00-0220	EA	Series 5, 50' Pole And less.....	430.93		77.56
26 05 53 Identification for Electrical Systems <small>(26 05)</small>					
26 05 53 00-0001		Conduit Markers Pressure-Sensitive <small>(26 05 53)</small>			
		Note: Stick-on, includes arrow tape.			
26 05 53 00-0002	EA	1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	12.64		
26 05 53 00-0003	EA	3/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	13.18		
26 05 53 00-0004	EA	1" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.28		
26 05 53 00-0005	EA	1-1/4" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.49		
26 05 53 00-0006	EA	1-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	14.71		
26 05 53 00-0007	EA	2" Outside Diameter Pressure Sensitive Marker Stick-on.....	15.04		
26 05 53 00-0008	EA	2-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	17.88		
26 05 53 00-0009	EA	3" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.31		
26 05 53 00-0010	EA	3-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.63		
26 05 53 00-0011	EA	4" Outside Diameter Pressure Sensitive Marker Stick-on.....	18.97		
26 05 53 00-0012	EA	4-1/2" Outside Diameter Pressure Sensitive Marker Stick-on.....	19.65		
26 05 53 00-0013	EA	5" Outside Diameter Pressure Sensitive Marker Stick-on.....	20.38		
26 05 53 00-0014	EA	6" Outside Diameter Pressure Sensitive Marker Stick-on.....	21.02		
26 05 53 00-0015	EA	7" Outside Diameter Pressure Sensitive Marker Stick-on.....	21.66		
26 05 53 00-0016	EA	8" Outside Diameter Pressure Sensitive Marker Stick-on.....	23.95		
26 05 53 00-0017	EA	10" Outside Diameter Pressure Sensitive Marker Stick-on.....	25.14		
26 05 53 00-0018		Labeling Existing Electrical Wires <small>(26 05 53)</small>			
		Note: Self-adhesive vinyl coated white cloth			
26 05 53 00-0019	EA	Labeling Existing Wire.....	3.36		
26 05 53 00-0020		Equipment Labeling <small>(26 05 53)</small>			
26 05 53 00-0021	EA	Label Both Ends Of One 4 Pair Cable.....	21.38		
26 05 53 00-0022	EA	Label single gang face plate (2 labels required).....	17.10		
26 05 53 00-0023	EA	Label two gang face plate (4 labels required).....	25.66		
26 05 53 00-0024	EA	Label both ends of a Siamese (dual 4 Pair cable).....	21.38		
26 05 83 Wiring Connections <small>(26 05)</small>					
26 05 83 00-0001		Tape Wrapped Compression Connectors <small>(26 05 83)</small>			
26 05 83 00-0002	EA	#6 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	15.43		4.89
26 05 83 00-0003	EA	#4 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	17.00		5.43
26 05 83 00-0004	EA	#2 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	18.54		5.97
26 05 83 00-0005	EA	1/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	21.63		6.52
26 05 83 00-0006	EA	2/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	23.25		7.06
26 05 83 00-0007	EA	3/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	25.87		7.61
26 05 83 00-0008	EA	4/0 AWG Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	27.75		8.15
26 05 83 00-0009	EA	250 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	30.29		8.69
26 05 83 00-0010	EA	300 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	33.49		9.77
26 05 83 00-0011	EA	350 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	35.09		10.32
26 05 83 00-0012	EA	400 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt.....	39.36		10.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0013 EA 500 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	43.06	11.41
26 05 83 00-0014 EA 750 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	48.24	12.49
26 05 83 00-0015 EA 1,000 MCM Compression Connection, Tape Wrapped Low Voltage, To 600 Volt	56.15	14.12
26 05 83 00-0016 One Hole Compression Lugs <small>(26 05 83)</small>		
26 05 83 00-0017 EA #22-18 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	19.14	14.12
26 05 83 00-0018 EA #16-14 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	19.31	14.12
26 05 83 00-0019 EA #12-10 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	21.88	15.21
26 05 83 00-0020 EA #8 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	27.51	16.84
26 05 83 00-0021 EA #6 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	38.40	21.72
26 05 83 00-0022 EA #4 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	44.67	21.72
26 05 83 00-0023 EA #2 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	51.41	21.72
26 05 83 00-0024 EA 1/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	63.07	32.59
26 05 83 00-0025 EA 2/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	73.68	32.59
26 05 83 00-0026 EA 3/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	86.13	43.45
26 05 83 00-0027 EA 4/0 AWG Low Voltage (To 600 Volt) One Hole Compression Lug	103.73	65.18
26 05 83 00-0028 EA 250 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	122.98	65.18
26 05 83 00-0029 EA 300 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	140.72	65.18
26 05 83 00-0030 EA 350 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	151.14	76.04
26 05 83 00-0031 EA 400 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	164.87	76.04
26 05 83 00-0032 EA 500 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	180.36	86.90
26 05 83 00-0033 EA 750 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	195.88	97.76
26 05 83 00-0034 EA 1,000 MCM Low Voltage (To 600 Volt) One Hole Compression Lug	231.65	
26 05 83 00-0035 Two Hole Compression Lugs <small>(26 05 83)</small>		
26 05 83 00-0036 EA #8 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	39.30	19.66
26 05 83 00-0037 EA #6 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	42.31	19.66
26 05 83 00-0038 EA #4 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	44.47	22.60
26 05 83 00-0039 EA #2 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	51.18	28.24
26 05 83 00-0040 EA 1/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	62.82	33.56
26 05 83 00-0041 EA 2/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	73.43	39.33
26 05 83 00-0042 EA 3/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	85.85	47.69
26 05 83 00-0043 EA 4/0 AWG Low Voltage (To 600 Volt) Two Hole Compression Lug	103.41	56.60
26 05 83 00-0044 EA 250 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	122.61	64.63
26 05 83 00-0045 EA 300 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	140.28	69.63
26 05 83 00-0046 EA 350 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	150.69	75.39
26 05 83 00-0047 EA 400 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	164.34	82.34
26 05 83 00-0048 EA 500 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	179.76	89.29
26 05 83 00-0049 EA 750 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	196.81	108.63
26 05 83 00-0050 EA 1,000 MCM Low Voltage (To 600 Volt) Two Hole Compression Lug	244.80	
26 05 83 00-0051 Tape Wrapped Split Bolt Connectors <small>(26 05 83)</small>		
26 05 83 00-0052 EA #8 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	57.98	46.72
26 05 83 00-0053 EA #6 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	63.75	48.88
26 05 83 00-0054 EA #4 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	72.74	54.31
26 05 83 00-0055 EA #2 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	84.80	59.75
26 05 83 00-0056 EA 1/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	100.48	65.18
26 05 83 00-0057 EA 2/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	113.83	70.60
26 05 83 00-0058 EA 3/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	142.71	76.04
26 05 83 00-0059 EA 4/0 AWG Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	153.17	81.47
26 05 83 00-0060 EA 250 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	161.57	89.62
26 05 83 00-0061 EA 300 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	186.07	130.35
26 05 83 00-0062 EA 350 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	210.55	108.63
26 05 83 00-0063 EA 400 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	231.23	146.65
26 05 83 00-0064 EA 500 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	251.90	152.08
26 05 83 00-0065 EA 750 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	282.58	162.94
26 05 83 00-0066 EA 1,000 MCM Split Bolt Connectors, Wrapped, Low Voltage, To 600 Volt	323.21	
26 05 83 00-0067 Cable Termination Lugs Handwrapped, No Stress Cone <small>(26 05 83)</small>		
26 05 83 00-0068 EA #8 Or #6 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	100.10	43.45
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	22.81	
26 05 83 00-0069 EA #4 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	110.86	43.45
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	25.86	
26 05 83 00-0070 EA 1/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	153.09	65.18
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	36.21	
26 05 83 00-0071 EA 4/0 AWG Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	173.10	65.18
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	41.78	
26 05 83 00-0072 EA 300 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	207.76	81.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	49.38	
26 05 83 00-0073 EA 500 MCM Cable Termination Lugs, Wrapped, No Stress Cones, Low Volt, To 600 Volt	291.48	108.63
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	67.89	
26 05 83 00-0074 Terminal Blocks <small>(26 05 83)</small>		
Note: Labor excludes wire termination.		
26 05 83 00-0075 EA Power Distribution Block, 250 MCM 3 Phase Terminal Block, No Labor Wire Termination, 600 Volt	1,001.25	401.92
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	241.40	

26 Electrical**26 05 Common Work Results for Electrical****26 05 83 Wiring Connections**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 05 83 00-0076 EA #22 To #10 Wire Size, 12 Point, 600 Volt Terminal Block.....	287.02	54.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.96	
26 05 83 00-0077 EA #8 To #2 Wire Size, 12 Point, 600 Volt Terminal Block.....	319.87	54.41
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.32	
26 05 83 00-0078 Parallel Gutter Tap Or Motor Connection (26 05 83)		
26 05 83 00-0079 EA #8 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	39.29	19.66
26 05 83 00-0080 EA #6 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	42.32	19.66
26 05 83 00-0081 EA #4 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	44.47	19.66
26 05 83 00-0082 EA #2 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	51.18	22.60
26 05 83 00-0083 EA 1/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	62.82	28.24
26 05 83 00-0084 EA 2/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	73.43	33.56
26 05 83 00-0085 EA 3/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	85.85	39.33
26 05 83 00-0086 EA 4/0 AWG Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	103.41	47.69
26 05 83 00-0087 EA 250 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	122.61	56.60
26 05 83 00-0088 EA 300 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	140.28	64.63
26 05 83 00-0089 EA 350 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	150.69	69.63
26 05 83 00-0090 EA 400 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	164.33	75.39
26 05 83 00-0091 EA 500 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	179.76	82.34
26 05 83 00-0092 EA 750 MCM Parallel Gutter Tap, Versitap, Insulation With Duct Seal And Tap.....	180.30	82.34
26 05 83 00-0093 EA #8 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	39.29	19.66
26 05 83 00-0094 EA #6 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	42.32	19.66
26 05 83 00-0095 EA #4 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	44.47	19.66
26 05 83 00-0096 EA #2 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	51.18	22.60
26 05 83 00-0097 EA 1/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	62.82	28.24
26 05 83 00-0098 EA 2/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	73.43	33.56
26 05 83 00-0099 EA 3/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	85.85	39.33
26 05 83 00-0100 EA 4/0 AWG Parallel Gutter Tap, Versitap, Insulating Cover.....	103.41	47.69
26 05 83 00-0101 EA 250 MCM Parallel Gutter Tap, Versitap, Insulating Cover.....	122.61	56.60
26 05 83 00-0102 EA 300 MCM Parallel Gutter Tap, Versitap, Insulating Cover.....	140.28	64.63
26 05 83 00-0103 EA 350 MCM Parallel Gutter Tap, Versitap, Insulating Cover.....	150.69	69.63
26 05 83 00-0104 EA 400 MCM Parallel Gutter Tap, Versitap, Insulating Cover.....	164.33	75.39
26 05 83 00-0105 EA 500 MCM Parallel Gutter Tap, Versitap, Insulating Cover.....	179.76	82.34
26 05 83 00-0106 EA 750 MCM Parallel Gutter Tap, Versitap, Insulating Cover.....	180.30	82.34
26 05 83 00-0107 Copper Mechanical Lugs (26 05 83)		
26 05 83 00-0108 EA #8 Copper Mechanical Lugs.....	31.36	13.58
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.15	
26 05 83 00-0109 EA #6 Copper Mechanical Lugs.....	37.61	16.40
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.84	
26 05 83 00-0110 EA #4 Copper Mechanical Lugs.....	43.43	19.01
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.41	
26 05 83 00-0111 EA #2 Copper Mechanical Lugs.....	57.01	24.22
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.55	
26 05 83 00-0112 EA 1/0 Copper Mechanical Lugs.....	76.80	32.59
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 05 83 00-0113 EA 2/0 Copper Mechanical Lugs.....	91.83	37.80
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.71	
26 05 83 00-0114 EA 3/0 Copper Mechanical Lugs.....	107.60	43.45
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 05 83 00-0115 EA 4/0 Copper Mechanical Lugs.....	122.69	48.77
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	29.24	
26 05 83 00-0116 EA 250 MCM Copper Mechanical Lugs.....	140.91	54.31
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 05 83 00-0117 EA 300 MCM Copper Mechanical Lugs.....	158.85	59.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.86	
26 05 83 00-0118 EA 350 MCM Copper Mechanical Lugs.....	176.74	65.18
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.11	
26 05 83 00-0119 EA 400 MCM Copper Mechanical Lugs.....	194.50	70.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.33	
26 05 83 00-0120 EA 500 MCM Copper Mechanical Lugs.....	212.54	76.04
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.62	
26 05 83 00-0121 EA 750 MCM Copper Mechanical Lugs.....	240.75	86.57
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	51.98	
26 05 83 00-0122 EA 1,000 MCM Copper Mechanical Lugs.....	272.66	97.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.66	
26 05 83 00-0123 Gel Connectors (26 05 83)		
26 05 83 00-0124 EA 3 Port, #14 to 2/0, Push On Gel Stub Splice Kit.....	64.93	
Note: Kit contains connector, gel filled cap and cap clamp.		
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.27	
26 05 83 00-0125 EA 4 Port, #14 to 2, Gel Tap Splice Kit.....	62.34	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.92	
26 05 83 00-0126 Other Connections (26 05 83)		
26 05 83 00-0127 EA #14 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	11.04	4.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.98	
26 05 83 00-0128 EA #12 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape.....	11.15	4.96
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2.98	

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 05 83 00-0129	EA #10 AWG Motor Connection, Spade Lug, Machine Bolt/Nut, Insulated With Tape..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.26 2.98	4.96
	26 05 83 00-0130	Motor/Equipment Connections And Terminations <small>(26 05 83)</small> Note: Includes rotation testing. If equipment rating is other than horsepower (KW, CFM, tons, Btu/Hr, etc.) convert units to horsepower and select proper circuit characteristics. Includes material conduit (6 LF max.), connectors and conductors. To connect electrical wiring to all new or existing equipment motors. See CSI section 23 05 13 00-0000 for motors, 23 05 13 00-0216 for motor mounting.		
	26 05 83 00-0131	AC Single Phase, 230 Volt <small>(26 05 83 00-0130)</small>		
	26 05 83 00-0132	EA <1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	68.50	27.16
	26 05 83 00-0133	EA 1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	68.02	27.16
	26 05 83 00-0134	EA 3/4 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	79.46	32.59
	26 05 83 00-0135	EA 1 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	96.80	40.74
	26 05 83 00-0136	EA 1-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	97.75	40.74
	26 05 83 00-0137	EA 2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	97.94	40.74
	26 05 83 00-0138	EA 3 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	101.09	40.74
	26 05 83 00-0139	EA 5 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	128.63	54.31
	26 05 83 00-0140	EA 7-1/2 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	132.15	54.31
	26 05 83 00-0141	EA 10 HP AC Motor Single Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	167.20	67.90
	26 05 83 00-0142	AC Three Phase, 230 Volt <small>(26 05 83 00-0130)</small>		
	26 05 83 00-0143	EA 1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	68.02	27.16
	26 05 83 00-0144	EA 3/4 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	79.46	32.59
	26 05 83 00-0145	EA 1 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	96.80	40.74
	26 05 83 00-0146	EA 1-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	97.75	40.74
	26 05 83 00-0147	EA 2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	97.94	40.74
	26 05 83 00-0148	EA 3 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	101.09	40.74
	26 05 83 00-0149	EA 5 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	128.63	54.31
	26 05 83 00-0150	EA 7-1/2 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	132.15	54.31
	26 05 83 00-0151	EA 10 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	167.20	67.90
	26 05 83 00-0152	EA 15 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	171.96	67.90
	26 05 83 00-0153	EA 20 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	217.88	81.47
	26 05 83 00-0154	EA 25 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	225.13	81.47
	26 05 83 00-0155	EA 30 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	307.72	108.63
	26 05 83 00-0156	EA 40 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	385.84	135.78
	26 05 83 00-0157	EA 50 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	454.06	162.94
	26 05 83 00-0158	EA 60 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	541.30	190.10
	26 05 83 00-0159	EA 75 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	622.48	217.26
	26 05 83 00-0160	EA 100 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	772.15	271.57
	26 05 83 00-0161	EA 125 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	911.39	323.17
	26 05 83 00-0162	EA 150 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,080.65	376.94
	26 05 83 00-0163	EA 200 HP AC Motor Three Phase, 230 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,533.87	565.30
	26 05 83 00-0164	AC Three Phase, 460 Volt <small>(26 05 83 00-0130)</small>		
	26 05 83 00-0165	EA 1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	68.02	27.16
	26 05 83 00-0166	EA 3/4 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	79.46	32.59
	26 05 83 00-0167	EA 1 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	96.80	40.74
	26 05 83 00-0168	EA 1-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	97.75	40.74
	26 05 83 00-0169	EA 2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	97.94	40.74
	26 05 83 00-0170	EA 3 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	101.09	40.74
	26 05 83 00-0171	EA 5 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	128.63	54.31
	26 05 83 00-0172	EA 7-1/2 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	132.15	54.31
	26 05 83 00-0173	EA 10 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	167.20	67.90
	26 05 83 00-0174	EA 15 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	171.96	67.90
	26 05 83 00-0175	EA 20 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	217.89	81.47
	26 05 83 00-0176	EA 25 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	225.12	81.47
	26 05 83 00-0177	EA 30 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	307.72	108.63
	26 05 83 00-0178	EA 40 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	386.17	136.01
	26 05 83 00-0179	EA 50 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	454.06	162.94
	26 05 83 00-0180	EA 60 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	541.30	190.10
	26 05 83 00-0181	EA 75 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	622.48	217.26
	26 05 83 00-0182	EA 100 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	772.15	271.57
	26 05 83 00-0183	EA 125 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	911.69	323.28
	26 05 83 00-0184	EA 150 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,081.06	377.16
	26 05 83 00-0185	EA 200 HP AC Motor Three Phase, 460 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	1,534.81	565.74
	26 05 83 00-0186	AC Single Phase, 120 Volt <small>(26 05 83 00-0130)</small>		
	26 05 83 00-0187	EA 1/2 HP AC And Less Single Phase, 120 Volt Motor/Equipment, Connection, Termination And Rotation Testing.....	68.50	27.16
	26 05 83 00-0188	Motor Moisture Sensor <small>(26 05 83 00-0130)</small>		
	26 05 83 00-0189	EA Motor Moisture Sensor Located In Winding.....	1,152.98	

26 09 Instrumentation and Control for Electrical Systems (26)

Note: Includes testing of new devices and certification.

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 10 Emergency Power Shutdown Management System (EPSMS)**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
26 09 10 Emergency Power Shutdown Management System (EPSMS) (26 09)

26 09 10 00-0001	Emergency Power Shutdown Management System (EPSMS) (26 09 10)		
26 09 10 00-0002	EA Emergency Power Shutdown Management System Panel (Fike 20-1181).....	13,672.91	
26 09 10 00-0003	EA 14-1/2" x 18" x 5" Enclosure With Associated Display Devices For EPSMS (Fike 20-1386)	2,686.56	67.35
26 09 10 00-0004	EA 18" x 23" x 5" Enclosure With Associated Display Devices For EPSMS (Fike 20-1389)	3,012.85	67.35

26 09 23 Lighting Control Devices (26 09)

26 09 23 00-0001	Lighting Contactors (26 09 23) Note: Up to 600 volt.		
26 09 23 00-0002	Electrically Held, Lighting Contactors (26 09 23 00-0001)		
26 09 23 00-0003	NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)		
26 09 23 00-0004	2-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)		
26 09 23 00-0005	EA 20 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	515.28	86.90
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.14	
26 09 23 00-0006	EA 30 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	642.10	97.76
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	58.66	
26 09 23 00-0007	EA 60 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,218.88	152.08
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	91.25	
26 09 23 00-0008	EA 100 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,914.81	206.40
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	123.84	
26 09 23 00-0009	EA 200 Amperes, 2 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	4,075.37	271.57
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	162.94	
26 09 23 00-0010	3-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)		
26 09 23 00-0011	EA 20 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	582.12	97.76
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	58.66	
26 09 23 00-0012	EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	703.23	108.63
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	65.18	
26 09 23 00-0013	EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,314.87	173.81
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.28	
26 09 23 00-0014	EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	2,065.21	228.12
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	136.87	
26 09 23 00-0015	EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	4,370.79	298.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	179.24	
26 09 23 00-0016	4-Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0003)		
26 09 23 00-0017	EA 20 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	688.97	108.63
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	65.18	
26 09 23 00-0018	EA 30 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	832.84	119.49
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.69	
26 09 23 00-0019	EA 60 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	1,598.49	195.53
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	117.32	
26 09 23 00-0020	EA 100 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	2,482.99	249.85
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	149.91	
26 09 23 00-0021	EA 200 Amperes, 4 Pole, NEMA 1 Enclosure, Electrically Held, Lighting Contactor.....	5,610.02	325.88
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	195.53	
26 09 23 00-0022	NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)		
26 09 23 00-0023	2-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0024	EA 30 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	862.62	97.76
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	58.66	
26 09 23 00-0025	EA 60 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,766.30	152.08
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	91.25	
26 09 23 00-0026	EA 100 Amperes, 2 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	2,669.98	206.40
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	123.84	
26 09 23 00-0027	3-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0028	EA 30 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,248.81	108.63
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	65.18	
26 09 23 00-0029	EA 60 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,934.61	173.81
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	104.28	
26 09 23 00-0030	EA 100 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	2,942.20	228.12
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	136.87	
26 09 23 00-0031	EA 200 Amperes, 3 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	6,902.07	298.73
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	179.24	
26 09 23 00-0032	4-Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0022)		
26 09 23 00-0033	EA 30 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,172.51	119.49
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	71.69	
26 09 23 00-0034	EA 60 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor.....	1,934.25	195.53
	For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	117.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0035 EA 100 Amperes, 4 Pole, NEMA 3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,652.54 149.91	249.85
26 09 23 00-0036 NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)		
26 09 23 00-0037 2-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0036)		
26 09 23 00-0038 EA 20 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	878.29 52.14	86.90
26 09 23 00-0039 EA 30 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,123.38 58.66	97.76
26 09 23 00-0040 EA 60 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,178.63 91.25	152.08
26 09 23 00-0041 EA 100 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,277.97 123.84	206.40
26 09 23 00-0042 EA 200 Amperes, 2 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,402.04 162.94	271.57
26 09 23 00-0043 3-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0036)		
26 09 23 00-0044 EA 20 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	907.19 58.66	97.76
26 09 23 00-0045 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,184.52 65.18	108.63
26 09 23 00-0046 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,277.43 104.28	173.81
26 09 23 00-0047 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,427.44 136.87	228.12
26 09 23 00-0048 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,696.52 179.24	298.73
26 09 23 00-0049 4-Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0036)		
26 09 23 00-0050 EA 20 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	979.17 65.18	108.63
26 09 23 00-0051 EA 30 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,314.13 71.69	119.49
26 09 23 00-0052 EA 60 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,935.39 117.32	195.53
26 09 23 00-0053 EA 100 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,219.55 149.91	249.85
26 09 23 00-0054 EA 200 Amperes, 4 Pole, NEMA 4 Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,967.74 195.53	325.88
26 09 23 00-0055 NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0002)		
26 09 23 00-0056 2-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0055)		
26 09 23 00-0057 EA 60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,673.19 91.25	152.08
26 09 23 00-0058 EA 100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,797.11 123.84	206.40
26 09 23 00-0059 EA 200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,530.10 162.94	271.57
26 09 23 00-0060 3-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0055)		
26 09 23 00-0061 EA 60 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,852.44 104.28	173.81
26 09 23 00-0062 EA 100 Amperes, 3 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,034.57 136.87	228.12
26 09 23 00-0063 4-Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactors (26 09 23 00-0055)		
26 09 23 00-0064 EA 60 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,431.69 117.32	195.53
26 09 23 00-0065 EA 100 Amperes, 4 Pole, NEMA 12/3R Enclosure, Electrically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,986.30 149.91	249.85
26 09 23 00-0066 Mechanically Held, Lighting Contactors (26 09 23 00-0001)		
26 09 23 00-0067 NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0066)		
26 09 23 00-0068 2-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0067)		
26 09 23 00-0069 EA 20 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	779.85 52.14	86.90
26 09 23 00-0070 EA 30 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	887.90 58.66	97.76
26 09 23 00-0071 EA 60 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,697.35 91.25	152.08

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0072	EA		100 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,367.94 123.84	206.40
26 09 23 00-0073	EA		200 Amperes, 2 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,546.42 162.94	271.57
26 09 23 00-0074			3-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0067)		
26 09 23 00-0075	EA		20 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	831.31 58.66	97.76
26 09 23 00-0076	EA		30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	950.91 65.18	108.63
26 09 23 00-0077	EA		60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,796.15 104.28	173.81
26 09 23 00-0078	EA		100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,519.28 136.87	228.12
26 09 23 00-0079	EA		200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,240.57 179.24	298.73
26 09 23 00-0080			4-Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0067)		
26 09 23 00-0081	EA		20 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	896.11 65.18	108.63
26 09 23 00-0082	EA		30 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,012.04 71.69	119.49
26 09 23 00-0083	EA		60 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,105.10 117.32	195.53
26 09 23 00-0084	EA		100 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,964.27 149.91	249.85
26 09 23 00-0085	EA		200 Amperes, 4 Pole, NEMA 1 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,550.16 195.53	325.88
26 09 23 00-0086			NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0066)		
26 09 23 00-0087			2-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0066)		
26 09 23 00-0088	EA		20 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,189.00 52.14	86.90
26 09 23 00-0089	EA		30 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,369.19 58.66	97.76
26 09 23 00-0090	EA		60 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,659.91 91.25	152.08
26 09 23 00-0091	EA		100 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,731.11 123.84	206.40
26 09 23 00-0092	EA		200 Amperes, 2 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,871.22 162.94	271.57
26 09 23 00-0093			3-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0066)		
26 09 23 00-0094	EA		20 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,253.79 58.66	97.76
26 09 23 00-0095	EA		30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,432.20 65.18	108.63
26 09 23 00-0096	EA		60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,758.72 104.28	173.81
26 09 23 00-0097	EA		100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,883.39 136.87	228.12
26 09 23 00-0098	EA		200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,567.24 179.24	298.73
26 09 23 00-0099			4-Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0066)		
26 09 23 00-0100	EA		20 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,323.72 65.18	108.63
26 09 23 00-0101	EA		30 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,493.32 71.69	119.49
26 09 23 00-0102	EA		60 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,442.00 117.32	195.53
26 09 23 00-0103	EA		100 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,700.83 149.91	249.85
26 09 23 00-0104	EA		200 Amperes, 4 Pole, NEMA 4 Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,839.40 195.53	325.88
26 09 23 00-0105			NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0066)		
26 09 23 00-0106			2-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0105)		
26 09 23 00-0107	EA		30 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	726.00 58.66	97.76
26 09 23 00-0108	EA		60 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,351.13 91.25	173.81

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0109 EA 100 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,841.32 123.84	206.40
26 09 23 00-0110 EA 200 Amperes, 2 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,357.01 162.94	271.57
26 09 23 00-0111 3-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0105)		
26 09 23 00-0112 EA 30 Amperes, 3 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	771.58 65.18	108.63
26 09 23 00-0113 4-Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactors (26 09 23 00-0105)		
26 09 23 00-0114 EA 200 Amperes, 4 Pole, NEMA 12/3R Enclosure, Mechanically Held, Lighting Contactor..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,891.26 195.53	325.88
26 09 23 00-0115 Combination Lighting Contactors (26 09 23) Note: Up to 600 volt.		
26 09 23 00-0116 Electrically Held, Combination Lighting Contactors (26 09 23 00-0115)		
26 09 23 00-0117 NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0116)		
26 09 23 00-0118 3-Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0117)		
26 09 23 00-0119 EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,526.62 71.69	119.49
26 09 23 00-0120 EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,391.94 114.71	191.18
26 09 23 00-0121 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,887.74 150.56	250.93
26 09 23 00-0122 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,154.52 197.16	328.60
26 09 23 00-0123 NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0118)		
26 09 23 00-0124 3-Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactors (26 09 23 00-0123)		
26 09 23 00-0125 EA 30 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,808.64 71.69	119.49
26 09 23 00-0126 EA 60 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,367.73 114.71	191.18
26 09 23 00-0127 EA 100 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,335.53 150.56	250.93
26 09 23 00-0128 EA 200 Amperes, 3 Pole, NEMA 4 Enclosure, Electrically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,564.88 197.16	328.60
26 09 23 00-0129 Mechanically Held, Combination Lighting Contactors (26 09 23 00-0115)		
26 09 23 00-0130 NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0129)		
26 09 23 00-0131 3-Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0130)		
26 09 23 00-0132 EA 30 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,672.98 71.69	119.49
26 09 23 00-0133 EA 60 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,898.55 114.71	191.18
26 09 23 00-0134 EA 100 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,367.62 150.56	250.93
26 09 23 00-0135 EA 200 Amperes, 3 Pole, NEMA 1 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,518.16 197.16	328.60
26 09 23 00-0136 NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0129)		
26 09 23 00-0137 3-Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactors (26 09 23 00-0136)		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0138	EA		30 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	2,956.40	119.49
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	71.69	
26 09 23 00-0139	EA		60 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	4,877.16	191.18
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	114.71	
26 09 23 00-0140	EA		100 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	7,816.81	250.93
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	150.56	
26 09 23 00-0141	EA		200 Amperes, 3 Pole, NEMA 4 Enclosure, Mechanically Held, Combination Lighting Contactor With Fused Disconnect Switch	12,928.52	328.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	197.16	
26 09 23 00-0142			Photo-Cell, Relay, Lighting Arrester, Receptacle And Bracket ^(26 09 23)		
26 09 23 00-0143	EA		105 To 130 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	134.23	28.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.97	
26 09 23 00-0144	EA		105 To 285 Volt Relay, Photo-Cell, Lighting Arrester, Receptacle And Bracket	147.10	28.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.97	
26 09 23 00-0145			Dimming Module System (Lutron Grafik Eye) ^(26 09 23)		
26 09 23 00-0146	EA		2,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-2).....	1,688.22	108.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.18	
26 09 23 00-0147	EA		4,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-4).....	2,187.80	108.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.18	
26 09 23 00-0148	EA		6,000 Watt Dimming Capacity, 120/277 Volt, Dimming Module System (Lutron Grafik Eye Hi-Power HP-6).....	2,696.28	108.63
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.18	
26 09 23 00-0149			Dimming Module Contol (Leviton) ^(26 09 23)		
26 09 23 00-0150	EA		5 Amperes, Wireless Dimming Module (Leviton WSD05-9D0).....	218.53	13.61
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.16	
26 09 23 00-0151			Light Control Panels ^(26 09 23)		
26 09 23 00-0152			Lighting Control Panels (Watt Stopper) ^(26 09 23 00-0151)		
26 09 23 00-0153			Lighting Control Panels (Watt Stopper) ^(26 09 23 00-0152)		
26 09 23 00-0154	EA		4 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-4)	1,781.17	152.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.41	
26 09 23 00-0155	EA		8 Relays, Surface Mount, Lighting Control Panel (Watt Stopper LP8S-8)	1,668.63	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0156	EA		8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8S-8-G)	1,878.44	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0157	EA		8 Relays, Surface Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24S-8).....	2,817.40	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0158	EA		8 Relays, Surface Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24S-8-G)	3,063.73	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0159	EA		4 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-4).....	1,982.95	152.35
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.41	
26 09 23 00-0160	EA		8 Relays, Flush Mount, Lighting Control Panel (Watt Stopper LP8F-8).....	2,127.77	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0161	EA		8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card (Watt Stopper LP8F-8-G).....	2,373.86	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0162	EA		8 Relays, Flush Mount, Lighting Control Panel With DIN Rail (Watt Stopper LP24F-8).....	2,915.84	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0163	EA		8 Relays, Flush Mount, Lighting Control Panel With Group Switching Card And DIN Rail (Watt Stopper LP24F-8-G).....	3,162.15	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0164			Accessories For Lighting Control Panels (Watt Stopper) ^(26 09 23 00-0152)		
26 09 23 00-0165	EA		Low Voltage Photocell For Watt Stopper Lighting Control Panels (Watt Stopper EM-24A2)	171.39	27.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.32	
26 09 23 00-0166	EA		Automatic Control Switch For Watt Stopper Lighting Control Panels (Watt Stopper AS-100-W).....	131.82	21.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0167	EA		Low Voltage Momentary Switch For Watt Stopper Lighting Control Panels (Watt Stopper DCC2).....	68.53	21.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0168			Lighting Control Panels (Synergy) ^(26 09 23 00-0151)		
26 09 23 00-0169			Lighting Control Panels (Synergy) ^(26 09 23 00-0168)		
26 09 23 00-0170	EA		8 Relays, Surface Mount, Lighting Control Panel (Synergy SwitchPak SPAK 8S)	2,681.05	163.24
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0171			Accessories For Lighting Control Panels (Synergy) ^(26 09 23 00-0168)		
26 09 23 00-0172	EA		Outdoor Photocell For Synergy SwitchPak Lighting Control Panels (Synergy LSA-APS-OL).....	660.23	27.21
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0173 EA Sweepswitch, Line Voltage Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy SSPL-20).....	255.65	10.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.53	
26 09 23 00-0174 EA Override Switch For Synergy SwitchPak Lighting Control Panels (Synergy LVPS-2BT).....	142.72	16.32
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.80	
26 09 23 00-0175 Lighting Switching Panels (Lutron) <small>(26 09 23 00-0151)</small>		
26 09 23 00-0176 Lighting Switching Panels (Lutron) <small>(26 09 23 00-0175)</small>		
26 09 23 00-0177 EA 8 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS8-FT).....	2,175.43	163.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	97.94	
26 09 23 00-0178 EA 12 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS12-FT).....	2,992.91	174.13
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	104.47	
26 09 23 00-0179 EA 16 Switch Legs, Surface Mount, Feed-Through, Lighting Switching Panels (Lutron Softswitch128® XPS16-FT).....	3,928.04	185.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	111.00	
26 09 23 00-0180 Wireless (ZigBee) LED Lighting Control Panels (PlanLED GigaTera) <small>(26 09 23 00-0151)</small>		
26 09 23 00-0181 EA 6 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC6Z).....	1,446.08	152.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.41	
26 09 23 00-0182 EA 12 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC12Z).....	1,653.60	152.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.41	
26 09 23 00-0183 EA 18 Zone, Surface Mount, 0 To 10 Volt Dimming, Wireless (ZigBee) LED Lighting Control Panel (PlanLED GigaTera IPC18Z).....	1,861.13	152.35
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	91.41	
26 09 23 00-0184 Power Filters <small>(26 09 23 00-0151)</small>		
26 09 23 00-0185 EA 600 Amperes, 480/277 Volt, 4 Conductor Power Filter With 80" X 60" X 17" Enclosure.....	40,340.00	905.20
26 09 23 00-0186 EA 200 Amperes, 480/277 Volt, 4 Conductor Power Filter With 25" X 40" X 17" Enclosure.....	23,904.87	393.56
26 09 23 00-0187 Signal Filters <small>(26 09 23 00-0151)</small>		
26 09 23 00-0188 EA 0.5 Amperes, 125 Volt, 500 Conductor Signal Filter With 19" X 36-3/4" X 19-1/8 Case.....	18,342.02	822.97
26 09 23 00-0189 EA 0.5 Amperes, 125 Volt, 200 Conductor Signal Filter With 29" X 40" X 11" Case.....	12,564.68	502.95
26 09 23 00-0190 EA 0.5 Amperes, 125 Volt, 3 Pair Conductor Signal Filter With 12" X 12" X 4" Case.....	7,005.61	291.99
26 09 23 00-0191 EA 5 Amperes, 24 Volt DC, 5 Volt, 2 - 1 Pair Conductor Signal Filter With Case.....	9,574.24	291.99
26 09 23 00-0192 Lighting Control Devices (Encelium) <small>(26 09 23)</small>		
26 09 23 00-0193 EA 8 Port, G4, Wired Energy Control Unit, GreenBus II™ (120V) With Polaris 3D™ (Encelium EN-ECU-G4-P3D).....	15,690.94	108.83
Note: Excludes GB II cable.		
26 09 23 00-0194 EA Server, System Support Unit (SSU) (Encelium EN-SSU-1U).....	7,159.06	108.83
Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0195 EA Server, System Support Unit (SSU), VIRTUAL (Encelium EN-SW-SSUVIRT).....	3,713.45	108.83
Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0196 EA Server, System Support Unit (SSU) With BACnet (Encelium EN-SSU-BIF-KIT).....	15,783.38	108.83
Note: Excludes GB II and Ethernet cable.		
26 09 23 00-0197 EA Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK).....	121.07	13.61
Note: Excludes GB II cable.		
26 09 23 00-0198 EA Damp Rated, Isolated, Wired Luminaire Control Module (Encelium EN-iLCM-1R10V-GB2-BK/DR).....	189.33	13.61
Note: Excludes GB II cable.		
26 09 23 00-0199 EA Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK).....	235.82	27.21
Note: Excludes GB II cable.		
26 09 23 00-0200 EA Damp Rated, Wired Area Lighting Controller, Heavy Duty Relay With 0-10V Dimming (Encelium EN-ALC-1R10V-GB2-BK-DR).....	286.00	27.21
Note: Excludes GB II cable.		
26 09 23 00-0201 EA Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK).....	148.27	27.21
Note: Excludes GB II cable.		
26 09 23 00-0202 EA Damp Rated, Wired Sensor Interface Module (Encelium EN-SIM-AI/SPS-GB2-BK/DR).....	216.53	27.21
Note: Excludes GB II cable.		
26 09 23 00-0203 EA 16 Port, Rack Mounted, Wired Ethernet Switch (Encelium ETH-700).....	548.86	54.41
Note: Excludes cable.		
26 09 23 00-0204 EA Rack Mounted, Wired Power Bar (Encelium PWR-700).....	408.61	54.41
26 09 23 00-0205 EA Rack Mounted, Wired Power Bar With Surge Protection (Encelium PWR-800).....	761.16	54.41
26 09 23 00-0206 EA Wall Mounted, 4U Mounting Rack (Encelium RCK-700).....	250.12	54.41
26 09 23 00-0207 EA 4 Port, 10/100 VPN, Dual WAN, Wired Router (Encelium RV042).....	855.08	54.41
Note: Excludes cable.		
26 09 23 00-0208 EA Wired BACnet Interface (Encelium BIF-600).....	9,059.62	217.65
Note: Excludes cable.		
26 09 23 00-0209 EA Wired AV Interface (Encelium EN-SW-AVINT).....	6,735.01	54.41
Note: Excludes cable.		
26 09 23 00-0210 EA Two Button, GB2, Wired Wall Station (Encelium EN-WS-2B-GB2-WH).....	249.16	13.61
Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0211 EA 3 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC3-GB2-WH).....	304.62	13.61
Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0212 EA 3 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WH).....	291.24	13.61
Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0213 EA 5 Scene, GB2, Wired Wall Station (Encelium EN-WS-SC5-GB2-WH).....	304.62	13.61
Note: Includes white finish. Excludes GB II cable.		
26 09 23 00-0214 EA 6 Zone, GB2, Wired Wall Station (Encelium EN-WS-ZC6-GB2-WH).....	291.24	13.61
Note: Includes white finish. Excludes GB II cable.		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0215	EA		Rocker Switch, GB2, Wired Wall Station (Encelium EN-WS-R-GB2-WT)..... Note: Includes white finish. Excludes GB II cable.	219.18	13.61
26 09 23 00-0216	EA		Scene Controller, GB2, Wired Wall Station (Encelium EN-WS-SC3D-GB2-WT)..... Note: Includes white finish. Excludes GB II cable.	304.62	13.61
26 09 23 00-0217	EA		3 Zone Controller, GB2, Wired Wall Station (Encelium EN-WS-ZC3-GB2-WT)..... Note: Includes white finish. Excludes GB II cable.	291.24	13.61
26 09 23 00-0218	EA		Wired Key Switch Controller (Encelium KSW-300)..... Note: Excludes GB II cable.	213.78	13.61
26 09 23 00-0219	EA		Wall Station Surface Mount Kit (Encelium EN-SMK-ZB-WH)..... Note: Includes white finish.	88.97	13.61
26 09 23 00-0220	EA		1/2' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-0.5FT-GB2).....	68.44	27.21
26 09 23 00-0221	EA		1' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-01FT-GB2).....	69.04	27.21
26 09 23 00-0222	EA		5' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-05FT-GB2).....	73.76	27.21
26 09 23 00-0223	EA		10' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-10FT-GB2).....	78.42	27.21
26 09 23 00-0224	EA		15' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-15FT-GB2).....	84.00	27.21
26 09 23 00-0225	EA		20' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-20FT-GB2).....	89.02	27.21
26 09 23 00-0226	EA		25' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-25FT-GB2).....	95.18	27.21
26 09 23 00-0227	EA		50' Length, Pre-Terminated, GreenBus II™ Cable (Encelium EN-PTC-50FT-GB2).....	123.07	27.21
26 09 23 00-0228	EA		1,000' Box, GreenBus II™ Cable (Encelium EN-BC-1000FT-GB2).....	827.97	27.21
26 09 23 00-0229	EA		Box Of 50, Greenbus II™ Connectors (Encelium EN-CON-50-GB2).....	195.94	27.21
26 09 23 00-0230	EA		1,000' Box, Category 5, Network Cable (Encelium NWC-400-B).....	1,070.85	27.21
26 09 23 00-0231	EA		Indoor Wired Photo Sensor (Encelium PHS-700)..... Note: Excludes GB II cable.	617.06	54.41
26 09 23 00-0232	EA		Outdoor Wired Photo Sensor (Encelium PHS-800)..... Note: Excludes GB II cable.	617.06	54.41
26 09 23 00-0233	EA		Skylight Wired Photo Sensor (Encelium PHS-900)..... Note: Excludes GB II cable.	617.06	54.41
26 09 23 00-0234	EA		450 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-0450)..... Note: Excludes GB II cable.	314.85	54.41
26 09 23 00-0235	EA		1,500 SF, 360 Degree, Passive Infrared, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCP-1500)..... Note: Excludes GB II cable.	304.71	54.41
26 09 23 00-0236	EA		2,500 SF, Wide View, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-WV00)..... Note: Excludes GB II cable.	311.47	54.41
26 09 23 00-0237	EA		High-Bay, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-HBAY)..... Note: Excludes GB II cable.	345.25	54.41
26 09 23 00-0238	EA		Long-Range, Passive Infrared, Wall Mounted, Wired Occupancy Sensor (Encelium SWP-LRNG)..... Note: Excludes GB II cable.	311.47	54.41
26 09 23 00-0239	EA		120-277 Volt AC, No Neutral, Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSP-LNV)..... Note: Excludes GB II cable.	243.94	54.41
26 09 23 00-0240	EA		High Bay, Passive Infrared, Fixture Mounted, Wired Occupancy Sensor (Encelium WSPERM24V)..... Note: Excludes GB II cable.	259.37	54.41
26 09 23 00-0241	EA		High Bay, Passive Infrared, Surface Mounted, Wired Occupancy Sensor (Encelium WSPSM24V)..... Note: Excludes GB II cable.	259.37	54.41
26 09 23 00-0242	EA		360 Degree Lens, Wired Occupancy Sensor (Encelium WSPLENS360)..... Note: Excludes GB II cable.	130.71	54.41
26 09 23 00-0243	EA		Passive Infrared, Wall Switch Mounted, Wired Occupancy Sensor (Encelium PW-100-24)..... Note: Excludes GB II cable.	319.83	54.41
26 09 23 00-0244	EA		Hallway, Wired Occupancy Sensor (Encelium HW-13)..... Note: Excludes GB II cable.	457.51	54.41
26 09 23 00-0245	EA		500 SF, 180 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-0500)..... Note: Excludes GB II cable.	399.28	54.41
26 09 23 00-0246	EA		1,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-1000)..... Note: Excludes GB II cable.	426.30	54.41
26 09 23 00-0247	EA		2,000 SF, 360 Degree, (Multi) Passive Infrared And Ultrasonic, Ceiling Mounted, Wired Occupancy Sensor (Encelium SCM-2000)..... Note: Excludes GB II cable.	439.82	54.41
26 09 23 00-0248	EA		1,200 SF, (Multi) Passive Infrared And Ultrasonic, Wall Mounted, Wired Occupancy Sensor (Encelium SWM-1200)..... Note: Excludes GB II cable.	395.90	54.41
26 09 23 00-0249	EA		120-277 Volt AC, No Neutral, Passive Infrared And Ultrasonic, Wall Switch Mounted, Wired Occupancy Sensor (Encelium SSM-LNV)..... Note: Excludes GB II cable.	328.37	54.41
26 09 23 00-0250	EA		500 SF, 180 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC05-M0W)..... Note: Excludes GB II cable.	413.81	54.41
26 09 23 00-0251	EA		1,200 SF, 360 Degree, Dual Technology, Wall Mounted, Wired Occupancy Sensor (Encelium OSW12-M0W)..... Note: Excludes GB II cable.	410.27	54.41
26 09 23 00-0252	EA		2,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC20-M0W)..... Note: Excludes GB II cable.	456.36	54.41
26 09 23 00-0253	EA		1,000 SF, 360 Degree, Dual Technology, Ceiling Mounted, Wired Occupancy Sensor (Encelium OSC10-M0W)..... Note: Excludes GB II cable.	442.19	54.41
26 09 23 00-0254	EA		Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium DW-100-24)..... Note: Excludes GB II cable.	476.82	54.41
26 09 23 00-0255	EA		Dual Technology, Wall Switch Mounted, Wired Occupancy Sensor (Encelium WSD-PDT-LV)..... Note: Excludes GB II cable.	442.33	54.41
26 09 23 00-0256	EA		Wide View, Dual Technology, Wired Occupancy Sensor (Encelium WV-PDT)..... Note: Excludes GB II cable.	442.33	54.41
26 09 23 00-0257	EA		10A, 120V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRU1C).....	286.69	54.41
26 09 23 00-0258	EA		10A, 277V, Single Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESRH1C).....	307.91	54.41
26 09 23 00-0259	EA		20A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR01P).....	548.38	54.41
26 09 23 00-0260	EA		20A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR02P).....	587.36	54.41
26 09 23 00-0261	EA		10A, 120V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2401D).....	430.11	54.41
26 09 23 00-0262	EA		10A, 277V, Dual Relay, UL924 Automatic Load Control Relay (ALCR) (Encelium ESR2402D).....	448.95	54.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0263 EA 24 Circuit, Relay Module (Encelium EN-RPM-24C-GB2) Note: Excludes GB II cable and enclosure.	1,298.42	108.83
26 09 23 00-0264 EA 24 Circuit, 120/277V, Relay Panel With Relay Module (Encelium EN-RP-24C-GB2-120/277V) Note: Excludes GB II cable.	4,035.75	435.30
26 09 23 00-0265 EA 12 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA12R120-347V) Note: Excludes GB II cable.	5,934.83	435.30
26 09 23 00-0266 EA 24 Relays, 24 Circuit, 120-347V, Emergency Relay Panel (Encelium EN-RPA24R120-347V) Note: Excludes GB II cable.	7,833.89	435.30
26 09 23 00-0267 EA Wired Phase Cut Dimming Module (Encelium EN-PCDM-GB2)..... Note: Excludes GB II cable.	649.22	54.41
26 09 23 00-0268 EA Wired DALI Bridge (Encelium EN-DB-1L-GB2) Note: Excludes GB II cable.	745.72	54.41
26 09 23 00-0269 EA Wireless Manager (Encelium EN-WM-ZB-P3D) Note: Includes white finish.	2,038.78	54.41
26 09 23 00-0270 EA Wireless Control Module (Encelium EN-WCM-ZB).....	273.14	27.21
26 09 23 00-0271 EA Damp Rated, Wireless Control Module (Encelium EN-WCM-ZB-DR)	324.60	27.21
26 09 23 00-0272 EA Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK).....	325.89	27.21
26 09 23 00-0273 EA Damp Rated, Wireless Area Lighting Controller (Encelium EN-ALC-ZB-BK-DR)	338.02	27.21
26 09 23 00-0274 EA 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)..... Note: Includes white finish.	245.94	13.61
26 09 23 00-0275 EA 3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0276 EA 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0277 EA 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0278 EA 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0279 EA Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	254.30	13.61
26 09 23 00-0280 EA 315 MHz, Wireless Photocell (Encelium TAP-17C).....	533.42	54.41
26 09 23 00-0281 EA 450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB).....	327.56	54.41
26 09 23 00-0282 EA 1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB).....	327.56	54.41
26 09 23 00-0283 EA 1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR).....	379.02	54.41
26 09 23 00-0284 EA 450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR).....	379.02	54.41
26 09 23 00-0285 EA 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)..... Note: Includes white finish.	245.94	13.61
26 09 23 00-0286 EA 3 Scene Control, Wireless Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0287 EA 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0288 EA 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0289 EA 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0290 EA Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW)..... Note: Includes white finish.	254.30	13.61
26 09 23 00-0291 EA 315 MHz, Wireless Photocell (Encelium TAP-17C).....	533.42	54.41
26 09 23 00-0292 EA 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0293 EA 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0294 EA 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0295 EA Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	254.30	13.61
26 09 23 00-0296 EA 315 MHz, Wireless Photocell (Encelium TAP-17C).....	533.42	54.41
26 09 23 00-0297 EA 450 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB).....	327.56	54.41
26 09 23 00-0298 EA 1,500 SF, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB).....	327.56	54.41
26 09 23 00-0299 EA 1,500 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-1500-ZB-DR).....	379.02	54.41
26 09 23 00-0300 EA 450 SF, Damp Rated, Ceiling Mounted, Wireless Sensor With Photocell (Encelium EN-SCPPH-0450-ZB-DR).....	379.02	54.41
26 09 23 00-0301 EA 2 Button Switch, Wireless Wall Station (Encelium EN-WS-2B-ZB-WH)..... Note: Includes white finish.	245.94	13.61
26 09 23 00-0302 EA 3 Scene Control, Wireless, Wall Station (Encelium EN-WS-SC3-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0303 EA 3 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC3-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0304 EA 5 Scene Control, Wireless Wall Station (Encelium EN-WS-SC5-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0305 EA 6 Zone Control, Wireless Wall Station (Encelium EN-WS-ZC6-ZB-WH) Note: Includes white finish.	245.94	13.61
26 09 23 00-0306 EA Single Zone On/Off, Wireless Rocker Switch (Encelium WSS0S-DOW).....	254.30	13.61
26 09 23 00-0307 EA 315 MHz, Wireless Photocell (Encelium TAP-17C).....	533.42	54.41
26 09 23 00-0308 EA Ceiling Mounted, Wireless Mounting Kit (Encelium EN-SCPPH-MK-ZB)	138.42	54.41
26 09 23 00-0309 EA Wireless Ethernet Transceiver Unit (cns-enocean Connectivity Kit).....	702.71	54.41
26 09 23 00-0310 Lighting Control Sensors <small>(26 09 23)</small>		
26 09 23 00-0311 EA DALIMulti Sensor, 600 SF (Fithlight FLT-MTS6-DALI).....	375.75	24.48
26 09 23 00-0312 EA DALIMulti Sensor, 1,200 SF (Fithlight FLT-MTS12-DALI)	375.75	24.48
26 09 23 00-0313 EA Smart Multi-sensor (LG 9SD131VVDA.ALWB000).....	328.32	24.48
26 09 23 00-0314 EA Zigbee Dongle (LG 9CM2315VD2.AWP01U).....	97.99	16.32
26 09 23 00-0315 EA Clip for Performance Troffer (LG BKTTR015122.BUAAWAA).....	7.42	
26 09 23 00-0316 EA Clip for Downlight (BKTCE015123.BUAAWAA).....	64.24	
26 09 23 00-0317 EA Clip for Tube (LG BKTTU015121.BUAAWAA).....	10.87	
26 09 23 00-0318 Radio Controlled Devices (Lutron) <small>(26 09 23)</small>		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 09 23 00-0319		Tabletop Transmitters For Radio Controlled Devices <small>(26 09 23 00-0318)</small>			
26 09 23 00-0320		Switched Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0319)</small>			
26 09 23 00-0321	EA	One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-SW-B-WH).....	500.49		16.32
26 09 23 00-0322	EA	Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2SW-B-WH).....	651.94		16.32
26 09 23 00-0323	EA	Three Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3SW-B-WH).....	822.32		16.32
26 09 23 00-0324		Dimmable Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0319)</small>			
26 09 23 00-0325	EA	One Zone Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-B-WH).....	500.49		16.32
26 09 23 00-0326	EA	Two Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-B-WH).....	595.15		16.32
26 09 23 00-0327	EA	Three Zones Of Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-B-WH).....	822.32		16.32
26 09 23 00-0328	EA	One Zone Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L-WH).....	500.49		16.32
26 09 23 00-0329	EA	Two Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2L-WH).....	651.94		16.32
26 09 23 00-0330	EA	Three Zones Of Four Pre Set Lighting Levels And Dimmable Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-3L-WH).....	822.32		16.32
26 09 23 00-0331		Dimmable And Switched Lighting Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0319)</small>			
26 09 23 00-0332	EA	One Zone Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LSW-B-WH).....	651.94		16.32
26 09 23 00-0333	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LSW-B-WH).....	822.32		16.32
26 09 23 00-0334	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of On/Off Switched Lighting Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2SW-B-WH).....	822.32		16.32
26 09 23 00-0335		Dimmable Lighting Controls And Shade Or Projection Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0319)</small>			
26 09 23 00-0336	EA	One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-C3-B-WH).....	500.49		16.32
26 09 23 00-0337	EA	Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2C3-B-WH).....	651.94		16.32
26 09 23 00-0338	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC2-B-WH).....	595.15		16.32
26 09 23 00-0339	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Output Switch Projection Screen Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC2-B-WH).....	727.67		16.32
26 09 23 00-0340	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LC3-B-WH).....	651.94		16.32
26 09 23 00-0341	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LC3-B-WH).....	784.46		16.32
26 09 23 00-0342	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Open/Stop/Close Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2C3-B-WH).....	651.94		16.32
26 09 23 00-0343		Dimmable Lighting Controls And Sivoia QED Shade Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0319)</small>			
26 09 23 00-0344	EA	One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-Q-B-WH).....	500.49		16.32
26 09 23 00-0345	EA	Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2Q-B-WH).....	651.94		16.32
26 09 23 00-0346	EA	One Zone Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQ-B-WH).....	651.94		16.32
26 09 23 00-0347	EA	Two Zones Of Dimmable Lighting Controls And One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-2LQ-B-WH).....	822.32		16.32
26 09 23 00-0348	EA	One Zone Of Dimmable Lighting Controls And Two Zones Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-L2Q-B-WH).....	651.94		16.32
26 09 23 00-0349	EA	One Zone Of Dimmable Lighting Controls, One Zone Of Sivoia QED Open/Stop/Preset Motorized Shade Controls, One Zone Of Output Controls, Tabletop Wireless Transmitter (Lutron RTA-TX-LQC2-B-WH).....	822.32		16.32
26 09 23 00-0350		Output Switch Closure Controls, Tabletop Wireless Transmitter <small>(26 09 23 00-0319)</small>			
26 09 23 00-0351	EA	Five Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5-WH).....	500.49		16.32
26 09 23 00-0352	EA	Nine Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C5C4-WH).....	651.94		16.32
26 09 23 00-0353	EA	Thirteen Buttons Of Output Switch Closures For Grafik Eye Systems, Tabletop Wireless Transmitter (Lutron RTA-TX-C52C4-WH).....	822.32		16.32
26 09 23 00-0354		Accessories For Tabletop Wireless Transmitter <small>(26 09 23 00-0319)</small>			
26 09 23 00-0355	EA	Security Mounting Brackets For Tabletop Wireless Transmitters (Lutron RTA-SEC-WH).....	102.94		16.32
26 09 23 00-0356		Wall Box Transmitters For Radio Controlled Devices <small>(26 09 23 00-0318)</small>			
26 09 23 00-0357	EA	On/Off Switched Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2BSW-WH).....	462.63		16.32
26 09 23 00-0358	EA	Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-2B-WH).....	500.49		16.32
26 09 23 00-0359	EA	Four Preset Lighting Level And Dimmable Lighting Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-5B-WH).....	500.49		16.32

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0360 EA Open/Stop/Close Motorized Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C3LB-WH)	500.49	16.32
26 09 23 00-0361 EA Up/Down Projection Screen Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-C2LB-WH).....	500.49	16.32
26 09 23 00-0362 EA Open/Stop/Close Sivoia QED Shade Controls, Wall Box Wireless Transmitter (Lutron RTA-WX-Q3LB-WH)	500.49	16.32
26 09 23 00-0363 Interfaces For Radio Controlled Devices <small>(26 09 23 00-0318)</small>		
26 09 23 00-0364 EA Incandescent And Magnetic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-INC-2000)	462.63	16.32
26 09 23 00-0365 EA Lutron Tu-Wire Ballast Interface For Radio Controlled Devices (Lutron FDI-INC-2000).....	462.63	16.32
26 09 23 00-0366 EA Electronic Low Voltage Lighting Interface For Radio Controlled Devices (Lutron FDI-ELV-1000).....	462.63	16.32
26 09 23 00-0367 EA Sivoia QED Controllable Window Treatments Contact Closure Interface For Radio Controlled Devices (Lutron SVQ-CCI-8)	943.48	16.32
26 09 23 00-0368 EA RS-232 Interface For Radio Controlled Devices (Lutron RTA-RS232)	1,352.40	16.32
26 09 23 00-0369 EA Switch Closure Input Interface For Radio Controlled (Lutron RTA-SCI)	1,352.40	16.32
26 09 23 00-0370 Fluorescent Controllers For Radio Controlled Devices <small>(26 09 23 00-0318)</small>		
26 09 23 00-0371 EA On/Off Switched Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-SW)	595.15	16.32
26 09 23 00-0372 EA Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F).....	670.87	16.32
26 09 23 00-0373 EA Switch Closures And Dimmable Fluorescent Controllers For Radio Controlled Devices (Lutron RTA-RX-F-SC).....	784.46	16.32
26 09 23 00-0374 AC Motor Group Controllers For Radio Controlled Devices <small>(26 09 23 00-0318)</small>		
26 09 23 00-0375 EA Up To Two Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-2M-GC)	879.12	16.32
26 09 23 00-0376 EA Up To Four Motors, AC Motor Group Controllers For Radio Controlled Devices (Lutron WC-4M-GC).....	1,210.41	16.32
26 09 23 00-0377 Radio Controlled Devices (Exergy Controls) <small>(26 09 23)</small>		
26 09 23 00-0378 Wireless Lighting Controllers (Exergy Controls) <small>(26 09 23 00-0377)</small>		
26 09 23 00-0379 EA Wireless Outdoor Lighting Controller, Pole/Fixture Mounted (Exergy Controls XRG-500/501)	1,163.17	124.09
Note: Includes commissioning. Controls up to four independent fixtures when pole mounted.		
<i>For > 3, Deduct</i>		-59.84
26 09 23 00-0380 Wireless Lighting Control Cabinets (Exergy Controls) <small>(26 09 23 00-0377)</small>		
26 09 23 00-0381 EA Combined Indoor And Outdoor Digital Lighting Control System Cabinet (Exergy Controls XRG-1000)	9,036.42	108.63
Note: Excludes commissioning and internet connection. Manages up to 150 wireless controllers.		
26 09 23 00-0382 EA Commissioning Of (1) Exergy XRG-1000 Digital Lighting Control Cabinet (Exergy Controls)	5,249.50	
26 09 23 00-0383 EA Commissioning Of Each Additional Exergy XRG-1000 Digital Lighting Control Cabinet (Exergy Controls).....	3,149.70	
26 09 23 00-0384 RF Wireless Technology, Switches And Dimmers (Lutron® Maestro Wireless®) <small>(26 09 23)</small>		
26 09 23 00-0385 RF Wireless Technology, Switches (Lutron® Maestro Wireless®) <small>(26 09 23 00-0384)</small>		
26 09 23 00-0386 EA 6 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Electronic Switch (Lutron® Maestro Wireless® MRF2-6ANS)	130.66	21.76
26 09 23 00-0387 EA 8 Amperes Lighting, 5.8 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8ANS-120)	154.76	21.76
26 09 23 00-0388 EA 8 Amperes Lighting, 3 Amperes Fan, RF Wireless Technology, Spec Grade Electronic Switch (Lutron® Maestro Wireless® MRF2-8S-DV)	244.60	21.76
26 09 23 00-0389 EA 120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS)	90.45	21.76
26 09 23 00-0390 EA 277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MA-AS-277)	111.51	21.76
26 09 23 00-0391 EA 120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS)	99.29	21.76
26 09 23 00-0392 EA 277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Switch (Lutron® Maestro Wireless® MSC-AS-277)	120.78	21.76
26 09 23 00-0393 RF Wireless Technology, Dimmers (Lutron® Maestro Wireless®) <small>(26 09 23 00-0384)</small>		
26 09 23 00-0394 EA 600 Watt, 120 Volt, RF Wireless Technology, Incandescent Dimmer (Lutron® Maestro Wireless® MRF2-600M)	125.10	21.76
26 09 23 00-0395 EA 600 Watt, 120 Volt, RF Wireless Technology, Magnetic Low Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6MLV)	136.23	21.76
26 09 23 00-0396 EA 600 Watt, 120 Volt, RF Wireless Technology, Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-6ND-120)	164.03	21.76
26 09 23 00-0397 EA 1,000 Watt, 120 Volt, RF Wireless Technology, Spec Grade Dimmer (Lutron® Maestro Wireless® MRF2-10D-120)	174.91	27.21
26 09 23 00-0398 EA 600 Watt, 120 Volt, RF Wireless Technology, Electronic Low-Voltage Dimmer (Lutron® Maestro Wireless® MRF2-6ELV-120)	218.72	21.76
26 09 23 00-0399 EA 120 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R)	69.02	21.76
26 09 23 00-0400 EA 277 Volt, Claro® Gloss Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MA-R-277)	84.32	21.76
26 09 23 00-0401 EA 120 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD)	74.59	21.76
26 09 23 00-0402 EA 277 Volt, Satin Colors® Satin Finish, RF Wireless Technology, Companion Dimmer (Lutron® Maestro Wireless® MSC-AD-277)	89.88	21.76
26 09 23 00-0403 EA 6 Amperes, 120/277 Volt, RF Wireless Technology, 3-Wire Fluorescent Spec Grade Neutral Wire Dimmer (Lutron® Maestro Wireless® MRF2-F6AN-DV)	243.03	38.09
26 09 23 00-0404 Removal And Reinstallation Of Occupancy Sensors <small>(26 09 23)</small>		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0405	EA		Removal And Reinstallation Of Ceiling Mounted Occupancy Sensor 73.45 Note: Includes storing and cleaning.	73.45	
26 09 23 00-0406	EA		Removal And Reinstallation Of Wall Mounted Occupancy Sensor 48.97 Note: Includes storing and cleaning.	48.97	
26 09 23 00-0407			Occupancy Sensors (Watt Stopper) (26 09 23) Note: Includes testing of new devices and certification.		
26 09 23 00-0408			Occupancy Sensors (26 09 23 00-0407) Note: Exclude boxes.		
26 09 23 00-0409			Wall Switch Mounted Occupancy Sensors (26 09 23 00-0408)		
26 09 23 00-0410			Ultrasonic, Wall Switch Mounted Occupancy Sensors (26 09 23 00-0409)		
26 09 23 00-0411	EA		Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-100) 125.42 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	125.42	10.89
26 09 23 00-0412	EA		Dual Relay, Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper UW-200) 148.37 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	148.37	10.89
26 09 23 00-0413			Passive Infrared, Wall Switch Mounted Occupancy Sensors (26 09 23 00-0409)		
26 09 23 00-0414	EA		Nightlight, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WN-100) 103.22 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	103.22	10.89
26 09 23 00-0415	EA		Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WS) 96.26 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	96.26	10.89
26 09 23 00-0416	EA		Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-100) 109.25 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	109.25	10.89
26 09 23 00-0417	EA		Dual Relay, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper PW-200) 126.80 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	126.80	10.89
26 09 23 00-0418	EA		Dimmable, Passive Infrared, Wall Switch Mounted Occupancy Sensor (Watt Stopper WD) 125.36 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	125.36	10.89
26 09 23 00-0419			Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensors (26 09 23 00-0409)		
26 09 23 00-0420	EA		Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-100) 183.33 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	183.33	10.89
26 09 23 00-0421	EA		Dual Relay, Passive Infrared And Ultrasonic, Wall Switch Mounted Occupancy Sensor (Watt Stopper DW-200) 197.85 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i> 6.53	197.85	10.89
26 09 23 00-0422			Wall Switch Mounted Occupancy Sensor Accessories (26 09 23 00-0409)		
26 09 23 00-0423	EA		Single Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) 6.83	6.83	2.72
26 09 23 00-0424	EA		One Side Blank, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) 7.98	7.98	2.72
26 09 23 00-0425	EA		Switch Option, Double Gang, Plastic Switch Plate Cover For Occupancy Sensors (Watt Stopper ASP) 7.98	7.98	2.72
26 09 23 00-0426			Ceiling Mounted Occupancy Sensors (26 09 23 00-0408)		
26 09 23 00-0427			Ultrasonic, Ceiling Mounted Occupancy Sensors (26 09 23 00-0426)		
26 09 23 00-0428			25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors (26 09 23 00-0427)		
26 09 23 00-0429	EA		500 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-500A) 163.87	163.87	24.48
26 09 23 00-0430	EA		1,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-1000A) 188.84	188.84	24.48
26 09 23 00-0431	EA		2,000 SF 360 Degree Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000A) 213.99	213.99	24.48
26 09 23 00-0432	EA		90 LF Hallway Coverage, 25 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper W-2000H) 211.72	211.72	24.48
26 09 23 00-0433			32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors (26 09 23 00-0427)		
26 09 23 00-0434	EA		600 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-605) 178.65	178.65	24.48
26 09 23 00-0435	EA		1,100 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1105) 203.98	203.98	24.48
26 09 23 00-0436	EA		2,205 SF 360 Degree Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2205) 227.96	227.96	24.48
26 09 23 00-0437	EA		90 LF Hallway Coverage, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2255) 232.02	232.02	24.48
26 09 23 00-0438	EA		600 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-600) 193.79	193.79	24.48
26 09 23 00-0439	EA		1,100 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-1100) 219.74	219.74	24.48
26 09 23 00-0440	EA		2,200 SF 360 Degree Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2200) 245.59	245.59	24.48
26 09 23 00-0441	EA		90 LF Hallway Coverage, Isolated Relay, 32 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper WT-2250) 253.04	253.04	24.48
26 09 23 00-0442			40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensors (26 09 23 00-0427)		
26 09 23 00-0443	EA		500 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-1) 185.97	185.97	24.48
26 09 23 00-0444	EA		1,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-2) 216.22	216.22	24.48
26 09 23 00-0445	EA		2,000 SF 360 Degree Coverage, Isolated Relay, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-300-3) 241.55	241.55	24.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0446 EA 500 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-1).....	174.82	24.48
26 09 23 00-0447 EA 1,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-2).....	212.95	24.48
26 09 23 00-0448 EA 2,000 SF 360 Degree Coverage, Panel Integrating, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-305-3).....	225.30	24.48
26 09 23 00-0449 EA 500 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-1).....	187.54	24.48
26 09 23 00-0450 EA 1,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-2).....	209.49	24.48
26 09 23 00-0451 EA 2,000 SF 360 Degree Coverage, Line Voltage, 40 KHZ Ultrasonic, Ceiling Mounted Occupancy Sensor (Watt Stopper UT-355-3).....	236.60	24.48
26 09 23 00-0452 Passive Infrared, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0426)</small>		
26 09 23 00-0453 EA 30 Segment, 5 Level Lens, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper WPIR).....	134.73	24.48
26 09 23 00-0454 EA HVAC/BAS, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-12/24).....	137.68	24.48
26 09 23 00-0455 EA Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-205).....	144.67	24.48
26 09 23 00-0456 EA Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-355).....	163.40	24.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0457 EA Low Profile, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-305).....	165.67	24.48
26 09 23 00-0458 EA Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-200).....	175.48	24.48
26 09 23 00-0459 EA Low Profile, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper CI-300).....	191.17	24.48
26 09 23 00-0460 Passive Infrared And Ultrasonic, Ceiling Mounted Occupancy Sensors <small>(26 09 23 00-0426)</small>		
26 09 23 00-0461 EA 1,000 SF 360 Degree Coverage, Line Voltage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-355).....	227.74	24.48
26 09 23 00-0462 EA 1,000 SF 360 Degree Coverage, Isolated Relay, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-300).....	260.94	24.48
26 09 23 00-0463 EA 1,000 SF 360 Degree Coverage, Passive Infrared, Ceiling Mounted Occupancy Sensor (Watt Stopper DT-305).....	220.70	24.48
26 09 23 00-0464 Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0408)</small>		
26 09 23 00-0465 Passive Infrared, Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0464)</small>		
26 09 23 00-0466 EA 120 LF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100-1/3).....	280.84	24.48
26 09 23 00-0467 EA 2,000 SF Coverage, Low Temperature, Passive Infrared, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper CB-100).....	280.84	24.48
26 09 23 00-0468 Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensors <small>(26 09 23 00-0464)</small>		
26 09 23 00-0469 EA 2,000 SF Coverage, Passive Infrared And Ultrasonic, Ceiling/Wall Mounted Occupancy Sensor (Watt Stopper DT-200).....	260.94	24.48
26 09 23 00-0470 Occupancy Sensor Power Packs <small>(26 09 23 00-0407)</small>		
26 09 23 00-0471 Single Voltage, Occupancy Sensor Power Packs <small>(26 09 23 00-0470)</small>		
26 09 23 00-0472 EA 220 To 240 Volt AC, 20 Amperes, Occupancy Sensor Power Pack (Watt Stopper B230E-P).....	89.95	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0473 EA 347 Volt AC, 15 Amperes, Occupancy Sensor Power Pack (Watt Stopper B347D-P).....	81.52	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0474 Auxiliary, Occupancy Sensor Power Packs <small>(26 09 23 00-0470)</small>		
26 09 23 00-0475 EA 120, 277 Or 347 Volt AC, 20 Amperes, Auxiliary Occupancy Sensor Power Pack (Watt Stopper S120/277/347E-P).....	74.57	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0476 Universal Voltage, Power Packs For Occupancy Sensors <small>(26 09 23 00-0470)</small>		
26 09 23 00-0477 EA 120/277 Volt AC, 20 Amperes, Dual Voltage, Occupancy Sensor Power Pack (Watt Stopper BZ-100).....	100.00	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0478 Form C, Occupancy Sensor Power Packs <small>(26 09 23 00-0470)</small>		
26 09 23 00-0479 EA 120 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A120C-P).....	90.33	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0480 EA 277 Volt AC, Form C, Occupancy Sensor Power Pack (Watt Stopper A277C-P).....	90.41	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0481 Two Relay, Occupancy Sensor Power Packs <small>(26 09 23 00-0470)</small>		
26 09 23 00-0482 EA 120 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C120E-P).....	114.77	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0483 EA 277 Volt AC, Two Relay, Occupancy Sensor Power Pack (Watt Stopper C277E-P).....	116.45	21.76
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.06	
26 09 23 00-0484 Occupancy Sensor Power Supplies <small>(26 09 23 00-0470)</small>		

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0485	EA		120 Volt AC, Occupancy Sensor Power Supply (Watt Stopper BZ-150)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	106.56 13.06	21.76
26 09 23 00-0486	EA		277 Volt AC, Occupancy Sensor Power Supply (Watt Stopper AT-277)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	238.34 13.06	21.76
26 09 23 00-0487			Intelligent, Occupancy Sensor Power Packs (26 09 23 00-0470)		
26 09 23 00-0488	EA		120/277 Volt AC, Two Relays, Two Dimming Channels, Intelligent Occupancy Sensor Power Pack (Watt Stopper LC-100).....	316.71	21.76
26 09 23 00-0489			DIN Rail Mounted, Occupancy Sensor Power Packs (26 09 23 00-0470)		
26 09 23 00-0490	EA		120/230/277 Volt AC, DIN Rail Mounted, Occupancy Sensor Power Pack (Watt Stopper BD-100).....	99.04	21.76
26 09 23 00-0491			Occupancy Sensor Accessories (26 09 23 00-0407)		
26 09 23 00-0492			Protective Cages For Occupancy Sensors (26 09 23 00-0491)		
26 09 23 00-0493	EA		Protective Cage For Occupancy Sensors (Watt Stopper WC).....	57.72	8.16
26 09 23 00-0494			Mounting Brackets For Occupancy Sensors (26 09 23 00-0491)		
26 09 23 00-0495	EA		Mounting Bracket For Occupancy Sensor (Watt Stopper MB)..... Note: Includes J-plate for mounting to HID fixtures or L-plate for mounting to fluorescent fixtures, walls, shelves and girders.	43.75	13.61
26 09 23 00-0496			Occupancy/Lighting Logger (26 09 23 00-0491) Note: Logs when a space is occupied/vacant and when lighting is on/off.		
26 09 23 00-0497	EA		Occupancy/Lighting Logger With Connector Cable (Watt Stopper IT-200).....	431.35	46.25
26 09 23 00-0498			Digital Time Light Switches (26 09 23 00-0407)		
26 09 23 00-0499	EA		Preset Time, Wall Switch Mounted, Digital Time Light Switch (Watt Stopper TS-400).....	92.97	10.89
26 09 23 00-0500			Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor (26 09 23 00-0407)		
26 09 23 00-0501	EA		Digital High/Low Passive Infrared Fixture Integrated Outdoor Sensor (Watt Stopper FSP-211).....	202.21	35.37
26 09 23 00-0502			Occupancy Sensors (Sensor Switch) (26 09 23) Note: Includes testing of new devices and certification.		
26 09 23 00-0503			Occupancy Sensors (Sensor Switch) (26 09 23 00-0502) Note: Exclude boxes		
26 09 23 00-0504			Wall Switch Mount Occupancy Sensors (Sensor Switch) (26 09 23 00-0503)		
26 09 23 00-0505			Passive Infrared, Wall Switch Mount Occupancy Sensors (Sensor Switch) (26 09 23 00-0504)		
26 09 23 00-0506	EA		Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD LV)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Low Voltage Relay Option, Add</i>	211.07 14.34 17.21	10.89
26 09 23 00-0507	EA		Nightlight, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD NL)..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	147.97 6.53	10.89
26 09 23 00-0508	EA		Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.03 14.34 17.21 6.53	10.89
26 09 23 00-0509	EA		Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD SA)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	141.03 14.34 17.21 6.53	10.89
26 09 23 00-0510	EA		2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD 2P)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i> <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	179.52 14.34 17.21 6.53	10.89
26 09 23 00-0511	EA		Single Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	179.52 14.34 17.21	10.89
26 09 23 00-0512	EA		2-Pole, Passive Infrared, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS 2P)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	218.97 14.34 17.21	10.89
26 09 23 00-0513	EA		Single Pole, Passive Infrared, Internally Powered, Wall Switch Mount Occupancy Sensor (Sensor Switch IPD)..... <i>For Low Temp/High Humidity Option, Add</i> <i>For Photocell (Inhibit Mode Only) Option, Add</i>	179.52 14.34 17.21	10.89
26 09 23 00-0514			Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch) (26 09 23 00-0504) Note: Includes passive infrared and microphonics detection		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0515 EA Single Pole, Low Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT LV).....	274.18	10.89
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0516 EA Nightlight, Line Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT NL)	211.07	10.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.53	
26 09 23 00-0517 EA Single Pole, Line Voltage, Fully Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT)	206.35	10.89
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.53	
26 09 23 00-0518 EA Single Pole, Line Voltage, Semi-Automatic, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT SA)	206.35	10.89
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.53	
26 09 23 00-0519 EA 2-Pole, Line Voltage, Passive Infrared, Wall Switch Mount Occupancy Sensor (Sensor Switch WSD PDT 2P).....	242.62	10.89
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.53	
26 09 23 00-0520 EA Single Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT)	242.62	10.89
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
26 09 23 00-0521 EA 2-Pole, Dual Technology, Large Area, Wall Switch Mount Occupancy Sensor (Sensor Switch LWS PDT 2P).....	261.56	10.89
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
26 09 23 00-0522 Wall Switch Mount Occupancy Sensor Accessories (Sensor Switch) <small>(26 09 23 00-0504)</small>		
26 09 23 00-0523 EA One Blank, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX).....	18.06	2.72
26 09 23 00-0524 EA One Switch, 2-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX)	18.06	2.72
26 09 23 00-0525 EA Two Blanks, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS BPX 3).....	36.99	2.72
26 09 23 00-0526 EA Two Switches, 3-Gang, Plastic Switch Plate Cover For Occupancy Sensors (Sensor Switch WS SPX 3).....	36.99	2.72
26 09 23 00-0527 360 Degree View Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0503)</small>		
26 09 23 00-0528 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0527)</small>		
Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0529 EA Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 9)	238.28	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0530 EA Low Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 9)	238.28	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0531 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 9)	238.28	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0532 EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9).....	254.06	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0533 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9).....	254.06	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0534 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9)	203.58	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0535 EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 9 2P).....	317.16	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0536	EA		2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 9 2P).....	317.16	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0537	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 9 2P).....	266.68	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0538	EA		Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM 10).....	238.28	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0539	EA		Low Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM 10).....	238.28	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0540	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB 10).....	238.28	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0541	EA		Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10).....	254.06	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0542	EA		Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10).....	254.06	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0543	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10).....	203.58	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0544	EA		2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR 10 2P).....	317.16	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0545	EA		2-Pole, Line Voltage, Passive Infrared, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR 10 2P).....	317.16	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0546	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB 10 2P).....	266.68	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0547			Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch)⁽²⁶⁾ <small>09 23 00-0527</small>		
			Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0548	EA		Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 9).....	301.39	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0549 EA Low Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 9).....	301.39	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0550 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 9).....	301.39	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0551 EA Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9).....	285.61	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0552 EA Single Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9).....	285.61	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0553 EA Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9).....	235.13	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0554 EA 2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 9 2P).....	348.72	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0555 EA 2-Pole, Line Voltage, Dual Technology, Recessed Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 9 2P).....	348.72	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0556 EA 2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 9 2P).....	298.23	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0557 EA Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CM PDT 10).....	301.39	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0558 EA Low Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RM PDT 10).....	301.39	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0559 EA Low Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMB PDT 10).....	301.39	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Low Voltage Relay Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
26 09 23 00-0560 EA Single Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10).....	285.61	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0561 EA Single Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10).....	285.61	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0562	EA		Single Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10)	235.13	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Photocell Option With Dimming Capability, Add</i>	43.03	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0563	EA		2-Pole, Line Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMR PDT 10 2P).....	348.72	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0564	EA		2-Pole, Line Voltage, Dual Technology, Recessed Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch RMR PDT 10 2P).....	348.72	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0565	EA		2-Pole, Line Voltage, Dual Technology, Fixture (Box) Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch CMRB PDT 10 2P).....	298.23	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option With Dual Zone On/Off, Add</i>	43.03	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0566			Wide View And Hallway Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0503)</small>		
26 09 23 00-0567			Passive Infrared, Wide View And Hallway Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0566)</small>		
26 09 23 00-0568	EA		Low Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV 16)	238.28	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0569	EA		Low Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HW 13).....	269.83	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0570	EA		Line Voltage, Passive Infrared, Wall Mount, Hallway Occupancy Sensor (Sensor Switch HWR 13).....	332.94	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
26 09 23 00-0571	EA		Single Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16).....	317.16	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0572	EA		2-Pole, Line Voltage, Passive Infrared, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR 16 2P).....	380.27	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0573			Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0566)</small>		
			Note: Includes passive infrared and microphonics detection		
26 09 23 00-0574	EA		Low Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WV PDT 16)	301.39	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0575	EA		Single Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16)	348.72	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0576	EA		2-Pole, Line Voltage, Dual Technology, Wall Mount, Wide View Occupancy Sensor (Sensor Switch WVR PDT 16 2P).....	411.82	24.48
			<i>For Ceiling Mount, Add</i>	28.68	
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell (Inhibit Mode Only) Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0577			High Bay Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0503)</small>		
26 09 23 00-0578			Passive Infrared, High Bay Occupancy Sensors (Sensor Switch) <small>(26 09 23 00-0577)</small>		
26 09 23 00-0579	EA		Low Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CM 6)	238.28	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell Option, Add</i>	28.68	
			<i>For Low Voltage Relay Option, Add</i>	17.21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0580 EA Low Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RM 6).....	238.28	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell Option, Add</i>	28.68	
<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0581 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMB 6).....	238.28	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Photocell Option, Add</i>	28.68	
<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0582 EA Single Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6).....	203.58	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Start To High, HID Option, Add</i>	17.21	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0583 EA Single Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6).....	203.58	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Start To High, HID Option, Add</i>	17.21	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0584 EA Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6).....	203.58	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Start To High, HID Option, Add</i>	17.21	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0585 EA 2-Pole, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 2P).....	266.68	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0586 EA 2-Pole, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 2P).....	266.68	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0587 EA 2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 2P).....	266.68	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0588 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 208).....	225.66	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0589 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 208).....	225.66	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0590 EA 208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 208).....	225.66	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0591 EA 480 Volt AC, Line Voltage, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMR 6 480).....	225.66	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0592 EA 480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch RMR 6 480).....	225.66	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0593 EA 480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch CMRB 6 480).....	225.66	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Photocell Option, Add</i>	28.68	
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0594 EA Low Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 50).....	269.83	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0595 EA Low Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RM 50).....	269.83	24.48
<i>For Low Temp/High Humidity Option, Add</i>	14.34	
<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
<i>For Low Voltage Relay Option, Add</i>	17.21	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0596	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMB 50)	269.83	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Photocell Option, Add</i>	28.68	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0597	EA		Single Pole, Line Voltage, Passive Infrared, Surface Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 50)	329.78	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Start To High, HID Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0598	EA		Single Pole, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50)	329.78	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Start To High, HID Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0599	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50)	329.78	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Start To High, HID Option, Add</i>	17.21	
			<i>For Photocell Option, Add</i>	28.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0600	EA		2-Pole, Line Voltage, Recessed Mount, Passive Infrared, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 2P)	288.77	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0601	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 2P)	288.77	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option, Add</i>	28.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0602	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 208)	241.44	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0603	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 208)	241.44	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option, Add</i>	28.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0604	EA		480 Volt AC, Line Voltage, Passive Infrared, Recessed Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch RMR 50 480)	241.44	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0605	EA		480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, Bi-Directional Aisle Way View, High Bay Occupancy Sensor (Sensor Switch CMRB 50 480)	241.44	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Photocell Option, Add</i>	28.68	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0606	EA		Low Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HM 10)	269.83	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0607	EA		Low Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMB 10)	269.83	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Low Voltage Relay Option, Add</i>	17.21	
26 09 23 00-0608	EA		Single Pole, Line Voltage, Passive Infrared, Surface Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMR 10)	329.78	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Start To High, HID Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0609	EA		Single Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10)	329.78	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Occupancy Controlled Dimming Option, Add</i>	28.68	
			<i>For Start To High, HID Option, Add</i>	17.21	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0610	EA		2-Pole, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 2P)	317.16	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0611	EA		480 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 480)	285.61	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	
26 09 23 00-0612	EA		208/240 Volt AC, Line Voltage, Passive Infrared, Fixture (Box) Mount, End Of Aisle Way View, High Bay Occupancy Sensor (Sensor Switch HMRB 10 208)	285.61	24.48
			<i>For Low Temp/High Humidity Option, Add</i>	14.34	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0613 Occupancy Sensor Power Packs (Sensor Switch) <small>(26 09 23 00-0502)</small>		
26 09 23 00-0614 EA Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20).....	131.88	21.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0615 EA 2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack With Relay Circuit Protection (Sensor Switch PP20 2P).....	194.98	21.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0616 EA Single Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Power Pack Without Relay Circuit Protection (Sensor Switch MP20).....	100.32	21.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0617 EA 2-Pole, 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack Without Relay Circuit Protection (Sensor Switch MSP20).....	90.86	21.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0618 EA 20 Amperes, 120/277 Volt AC, Occupancy Sensor Slave Pack (Sensor Switch SP20).....	122.41	21.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0619 EA 120/277 Volt AC, High Intensity Discharge (HID) Power Pack With 20 Minute Start To High Override (Sensor Switch PP20 SH).....	201.29	21.76
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0620 EA 120/277 Volt AC, 2-Pole, Power Pack With Alternating Relays (Sensor Switch PP 2PAR).....	201.29	21.76
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0621 EA 120/277 Volt AC, Power Pack With Momentary Contacts For Latching Contactors Or Relays (Sensor Switch PP 2PM).....	201.29	21.76
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.06	
26 09 23 00-0622 Daylighting Control (Sensor Switch) <small>(26 09 23 00-0502)</small>		
26 09 23 00-0623 EA Low Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CM PC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0624 EA Low Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RM PC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0625 EA Low Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMB PC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0626 EA Line Voltage, Ceiling Mount, On-Off Switching Photocell (Sensor Switch CMR PC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For 480 Volt AC Option, Add	20.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0627 EA Line Voltage, Recessed Mount, On-Off Switching Photocell (Sensor Switch RMR PC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For 480 Volt AC Option, Add	20.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0628 EA Line Voltage, Fixture (Box) Mount, On-Off Switching Photocell (Sensor Switch CMRB PC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For 480 Volt AC Option, Add	20.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0629 EA Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CM ADC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0630 EA Low Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RM ADC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0631 EA Low Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMB ADC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0632 EA Line Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch CMR ADC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0633 EA Line Voltage, Recessed Mount, Automatic Dimming Control Photocell (Sensor Switch RMR ADC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0634 EA Line Voltage, Fixture (Box) Mount, Automatic Dimming Control Photocell (Sensor Switch CMRB ADC).....	206.73	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0635 EA Low Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CM PC ADC).....	301.39	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0636 EA Low Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RM PC ADC).....	301.39	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
26 09 23 00-0637 EA Low Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMB PC ADC).....	301.39	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0638 EA Line Voltage, Ceiling Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMR PC ADC).....	301.39	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0639 EA Line Voltage, Recessed Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch RMR PC ADC).....	301.39	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0640 EA Line Voltage, Fixture (Box) Mount, Combination On/Off And Dimming Control Photocell (Sensor Switch CMRB PC ADC).....	301.39	24.48
For Dual Zone Option, Add	43.03	
For Low Temp/High Humidity Option, Add	14.34	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	14.69	
26 09 23 00-0641 Occupancy Sensors (Sensor Switch nLight®) (26 09 23)		
Note: Includes testing of new devices and certification.		
26 09 23 00-0642 Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0641)		
Note: Excludes boxes.		
26 09 23 00-0643 Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0642)		
26 09 23 00-0644 Dual Technology, Wall Switch Mount Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0643)		
Note: Includes passive infrared and microphonics detection		
26 09 23 00-0645 EA Low Voltage, Dual Technology, Wall Switch Mount Occupancy Sensor With Raise/Lower Dim Control (Sensor Switch nLight® nWSX PDT LV DX).....	329.79	10.89
26 09 23 00-0646 360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0642)		
26 09 23 00-0647 Passive Infrared, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0646)		
Note: One photocell or dimming option per occupancy sensor		
26 09 23 00-0648 EA Low Voltage, Passive Infrared, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 9).....	387.46	24.48
26 09 23 00-0649 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM 10).....	387.46	24.48
26 09 23 00-0650 EA Low Voltage, Passive Infrared, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor With Auto Dimming Control Photocell (Sensor Switch nLight® nCM 10 ADC).....	387.46	24.48
26 09 23 00-0651 Dual Technology, 360 Degree View Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0646)		
Note: One photocell or dimming option per occupancy sensor. Includes passive infrared and microphonics detection		
26 09 23 00-0652 EA Low Voltage, Dual Technology, Ceiling Mount, Standard Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 9).....	455.16	24.48
26 09 23 00-0653 EA Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10).....	455.16	24.48
26 09 23 00-0654 EA 2-Channel, Low Voltage, Dual Technology, Ceiling Mount, Extended Range, 360 Degree View Occupancy Sensor (Sensor Switch nLight® nCM PDT 10 2P).....	472.06	24.48
26 09 23 00-0655 Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0642)		
26 09 23 00-0656 Dual Technology, Wide View And Hallway Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0655)		
Note: Includes passive infrared and microphonics detection		
26 09 23 00-0657 EA Low Voltage, Dual Technology, Corner/Ceiling Mount, Wide View Occupancy Sensor (Sensor Switch nLight® nWV PDT 16).....	455.16	24.48
26 09 23 00-0658 High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0642)		
26 09 23 00-0659 Passive Infrared, High Bay Occupancy Sensors (Sensor Switch nLight®) (26 09 23 00-0658)		
26 09 23 00-0660 EA Low Voltage, Passive Infrared, Fixture (Box) Mount, 360 Degree View, High Bay Occupancy Sensor (Sensor Switch nLight® nCMB 6).....	387.46	24.48
26 09 23 00-0661 Occupancy Sensor Power Packs (Sensor Switch nLight®) (26 09 23 00-0641)		
26 09 23 00-0662 EA 150mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-150).....	128.15	21.76
26 09 23 00-0663 EA 250mA At 15 Volt DC Output, 120-277 Volt AC Input, Standard Power Supply (Sensor Switch nLight® PS-250).....	162.03	21.76
26 09 23 00-0664 EA 30mA/Port At 15 Volt DC Output, 120-277 Volt AC Input, Dimming Power Pack (Sensor Switch nLight® nEPP5 D KO).....	219.55	21.76
26 09 23 00-0665 EA System Power Pack and Relay, Switching Module (Sensor Switch nLight® nPP 16).....	219.55	21.76
26 09 23 00-0666 Occupancy Sensor Accessories (Sensor Switch nLight®) (26 09 23 00-0641)		
26 09 23 00-0667 EA RS232 AV Integrator (Sensor Switch nLight® nIO X).....	472.06	24.48
26 09 23 00-0668 EA 8 Port, Aggregation Bridge With Power Supply (Sensor Switch nLight® nBRG 8 KIT).....	378.81	24.48

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0669				Daylighting Controls (Sensor Switch nLight®) <small>(26 09 23 00-0641)</small>		
26 09 23 00-0670	EA			Low Voltage, Ceiling Mount, Automatic Dimming Control Photocell (Sensor Switch nLight® nCM ADC).....	319.77	24.48
26 09 23 00-0671				Controls (Sensor Switch nLight®) <small>(26 09 23 00-0641)</small>		
26 09 23 00-0672	EA			On/Off And Raise/Lower Control, Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM DX).....	208.07	24.48
26 09 23 00-0673	EA			1 Scene Controller (2 Buttons), Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM 1SB).....	302.87	24.48
26 09 23 00-0674	EA			On/Off Push Button Digital Wall Switch, WallPod® Station (Sensor Switch nLight® nPODM).....	709.04	24.48
26 09 23 00-0675	EA			3-1/2" Screen, High Resolution Touch Screen Controller, WallPod® Station (Sensor Switch nLight® nPOD GFX).....	709.04	24.48
26 09 23 00-0676	EA			3-1/2" Screen, Touch Screen Clock And Network Interface Controller, Gateway (Sensor Switch nLight® nGWY2).....	2,672.30	24.48
26 09 23 00-0677				Occupancy Sensors (Lutron) <small>(26 09 23)</small>		
				Note: Includes testing of new devices and certification.		
26 09 23 00-0678				Wireless Occupancy Sensors <small>(26 09 23 00-0677)</small>		
26 09 23 00-0679	EA			Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Occupancy/Vacancy Sensor (Lutron® LRF2-OCR2B-P-WH).....	153.13	24.48
26 09 23 00-0680	EA			Wireless, Passive Infrared, Ceiling Mount, 360 Degree View Vacancy Sensor (Lutron® LRF2-VCR2B-P-WH).....	160.12	24.48
26 09 23 00-0681	EA			Wireless, Passive Infrared, Hallway Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OHLB-P-WH).....	154.79	24.48
26 09 23 00-0682	EA			Wireless, Passive Infrared, Hallway Wall Mount, Vacancy Sensor (Lutron® LRF2-VHLB-P-WH).....	164.04	24.48
26 09 23 00-0683	EA			Wireless, Passive Infrared, 90 Degree Corner Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OKLB-P-WH).....	156.86	24.48
26 09 23 00-0684	EA			Wireless, Passive Infrared, 90 Degree Corner Mount, Vacancy Sensor (Lutron® LRF2-VKLB-P-WH).....	164.04	24.48
26 09 23 00-0685	EA			Wireless, Passive Infrared, 180 Degree Wall Mount, Occupancy/Vacancy Sensor (Lutron® LRF2-OWLB-P-WH).....	153.13	24.48
26 09 23 00-0686	EA			Wireless, Passive Infrared, 180 Degree Wall Mount, Vacancy Sensor (Lutron® LRF2-VWLB-P-WH).....	156.86	24.48
26 09 23 00-0687	EA			Wireless, Passive Infrared, Ceiling Mount, 360 Degree View, High Bay Occupancy Sensor (Lutron® FHB140NP24V).....	154.79	24.48
26 09 23 00-0688	EA			Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-500-WH).....	241.94	24.48
26 09 23 00-0689	EA			Wireless, Dual Technology, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-500R-WH).....	258.55	24.48
26 09 23 00-0690	EA			Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CDT-1000-WH).....	295.90	24.48
26 09 23 00-0691	EA			Wireless, Dual Technology, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-1000R-WH).....	312.50	24.48
26 09 23 00-0692	EA			Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CDT-2000-WH).....	320.80	24.48
26 09 23 00-0693	EA			Wireless, Dual Technology, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor With Relay (Lutron® LOS-CDT-2000R-WH).....	337.40	24.48
26 09 23 00-0694	EA			Wireless, Passive Infrared, Ceiling Mount, 450 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-450-WH).....	189.65	24.48
26 09 23 00-0695	EA			Wireless, Passive Infrared, Ceiling Mount, 1,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CIR-1500-WH).....	200.44	24.48
26 09 23 00-0696	EA			Wireless, Ultrasonic, Ceiling Mount, 500 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-500-WH).....	235.72	24.48
26 09 23 00-0697	EA			Wireless, Ultrasonic, Ceiling Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-CUS-1000-WH).....	262.70	24.48
26 09 23 00-0698	EA			Wireless, Ultrasonic, Ceiling Mount, 2,000 SF Coverage, 360 Degree View Occupancy Sensor (Lutron® LOS-CUS-2000-WH).....	283.45	24.48
26 09 23 00-0699	EA			Wireless, Passive Infrared, 1,600 SF Coverage, 110 Degree Wall Mount, Occupancy Sensor (Lutron® LOS-WIR-WH).....	244.02	24.48
26 09 23 00-0700	EA			Wireless, Passive Infrared, RF Daylight Sensor (Lutron® LRF2-DCRB-WH).....	223.86	24.48
26 09 23 00-0701	EA			Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor (Lutron® LOS-SIR-HD-WH).....	186.35	24.48
26 09 23 00-0702	EA			Wireless, Dual Technology, Wall Mount, 1,000 SF Coverage, 180 Degree View Occupancy Sensor, Dual Circuit (Lutron® LOS-S2IR-HD-WH).....	230.58	24.48
26 09 23 00-0703	EA			Wireless, Switch and Ceiling Retrofit Sensor (Lutron® MRF2-1S8A-10C).....	281.09	24.48
26 09 23 00-0704	EA			Wireless, Switch and Hallway Retrofit Sensor (Lutron® MRF2-1S8A-10H).....	298.66	24.48
26 09 23 00-0705	EA			Wireless, Switch and Corner Retrofit Sensor (Lutron® MRF2-1S8A-10K).....	298.66	24.48
26 09 23 00-0706	EA			Wireless, Switch and Wall Retrofit Sensor (Lutron® MRF2-1S8A-10W).....	298.66	24.48
26 09 23 00-0707	EA			Wireless, Switch and Vacancy Retrofit Sensor (Lutron® MRF2-1S8A-10V).....	314.77	24.48
26 09 23 00-0708	EA			Wireless, Two Switchs and Wall Retrofit Sensor (Lutron® MRF2-2S8A-10W).....	511.54	35.37
26 09 23 00-0709				Nodes And Modules <small>(26 09 23 00-0677)</small>		
26 09 23 00-0710	EA			0 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-C).....	252.32	24.48
26 09 23 00-0711	EA			0 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-XW-J).....	252.32	24.48
26 09 23 00-0712	EA			4 Wired Inputs, Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-C).....	320.80	24.48
26 09 23 00-0713	EA			4 Wired Inputs, Junction Box Ceiling Mount, QS Sensor Module (Lutron® QSM2-4W-J).....	320.80	24.48
26 09 23 00-0714	EA			120 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-120-WH).....	411.33	27.21
26 09 23 00-0715	EA			120 Volt, Gang Box Mount, Switching Power Module (Lutron® PHPM-SW-DV-WH).....	411.33	27.21
26 09 23 00-0716	EA			120 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-120-WH).....	500.56	27.21
26 09 23 00-0717	EA			120 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-120-WH).....	513.01	27.21
26 09 23 00-0718	EA			120/277 Volt, Gang Box Mount, 3-Wire Fluorescent Power Module (Lutron® PHPM-3F-DV-WH).....	635.45	27.21
26 09 23 00-0719	EA			120/277 Volt, Gang Box Mount, Phase Adaptive Power Module (Lutron® PHPM-PA-DV-WH).....	674.88	27.21
26 09 23 00-0720	EA			120/277 Volt, Gang Box Mount, Phase Adaptive Power Module With 3-Wire Fluorescent Input (Lutron® PHPM-WBX-DV-WH).....	714.31	27.21
26 09 23 00-0721	EA			1 Circuit, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-2).....	1,939.19	43.53
26 09 23 00-0722	EA			2 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-4).....	1,903.38	48.97

26 Electrical**26 09 Instrumentation and Control for Electrical Systems****26 09 23 Lighting Control Devices**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0723 EA 3 Circuits, Surface Mount, HP Hi-Power Dimming Module System (Lutron® HP-6)	2,796.24	54.41
26 09 23 00-0724 Other Accessories <small>(26 09 23 00-0677)</small>		
26 09 23 00-0725 EA Pico® Wireless Control Wallplate Adapter (Lutron® PJ)	37.75	
26 09 23 00-0726 EA Pico® Wireless Control (Lutron® PJ)	52.56	
26 09 23 00-0727 EA 4-Scene Wireless Remote Control (Lutron® GRX-IT-WH)	156.13	
26 09 23 00-0728 EA 8-Scene Wireless Remote Control (Lutron® GRX-8IT-WH)	299.32	
26 09 23 00-0729 EA 4 Button, EcoSystem® Wall Control With Raise/Lower (Lutron® CC-4BRL)	308.83	24.48
26 09 23 00-0730 EA seeTouch® QS Wallstation (Lutron® QSWS2)	392.94	24.48
26 09 23 00-0731 EA seeTouch® QS Wallstation With Infrared Receiver (Lutron® QSWS2)	392.94	24.48
26 09 23 00-0732 EA 120/277 Volt, Energi Savr Node™ With Softswitch®, Fixture Controller (Lutron® QSN-4S16-S)	647.90	27.21
26 09 23 00-0733 EA 120/277 Volt, Energi Savr Node™ For 0-10 V Models, Fixture Controller (Lutron® QSN-4T16-S)	890.70	27.21
26 09 23 00-0734 EA Control Interface (Lutron® QSE-CI-NWK-E)	1,074.11	24.48
26 09 23 00-0735 EA 1 EcoSystem® Digital Link, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-1ECO-S)	1,065.83	24.48
26 09 23 00-0736 EA 2 EcoSystem® Digital Links, Energi Savr Node™, Digital Fixture Controller (Lutron® QSN-2ECO-S)	1,428.99	24.48
26 09 23 00-0737 MLF 5 Conductor, Non-Plenum, Low Voltage Grafik Eye Cable (Lutron® GRX-CBL-346S)	2,143.35	760.40
26 09 23 00-0738 MLF 5 Conductor, Plenum Rated, Low Voltage Grafik Eye Cable (Lutron® GRX-PCBL-346S)	2,973.43	760.40
26 09 23 00-0739 Wired Occupancy Sensors <small>(26 09 23 00-0677)</small>		
26 09 23 00-0740 EA 120 Volt, Dimmer With Occupancy Sensor (Lutron® MS-OP600M)	120.87	27.21
26 09 23 00-0741 EA 120 Volt, Eco-dim Dimmer With Occupancy Sensor (Lutron® MS-OP600GHW)	127.31	27.21
26 09 23 00-0742 EA 120 Volt, Dimmer With Vacancy Sensor (Lutron® MS-VP600M)	120.87	27.21
26 09 23 00-0743 EA 120 Volt, Eco-dim Dimmer With Vacancy Sensor (Lutron® MS-VP600GHW)	127.31	27.21
26 09 23 00-0744 EA 120 Volt, Occupancy Sensor Switch (Lutron® MS-OPS2)	89.98	27.21
26 09 23 00-0745 EA 120 Volt, 3-Way Occupancy Sensor Switch (Lutron® MS-OPS5M)	108.16	27.21
26 09 23 00-0746 EA 120 Volt, 3-Way Occupancy Sensor With Dual Voltage Switch (Lutron® MS-OPS6M2-DV)	154.59	27.21
26 09 23 00-0747 EA 120 Volt, 3-Way Occupancy Sensor With Dual Voltage Switch (Lutron® MS-OPS6M2N-DV)	135.45	27.21
26 09 23 00-0748 EA 120 Volt, Vacancy Sensor Switch (Lutron® MS-VPS2)	87.53	27.21
26 09 23 00-0749 EA 120 Volt, 3-Way Vacancy Sensor Switch (Lutron® MS-VPS5M)	108.16	27.21
26 09 23 00-0750 EA 120 Volt, 3-Way Vacancy Sensor With Dual Voltage Switch (Lutron® MS-VPS6M2-DV)	147.45	27.21
26 09 23 00-0751 EA 120 Volt, 3-Way Vacancy Sensor With Dual Voltage Switch (Lutron® MS-VPS6M2N-DV)	123.14	27.21
26 09 23 00-0752 Occupancy Sensors (Cooper) <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.		
26 09 23 00-0753 EA Single & Dual Level Wall Switch Sensor (Cooper OSW-P)	284.84	24.48
26 09 23 00-0754 EA Single Level Wall Switch Sensor (Cooper OSW-P-1001)	151.65	24.48
26 09 23 00-0755 EA MicroSet Dual Tech Ceiling Sensor, Low Voltage (Cooper OAC-DT)	216.44	24.48
26 09 23 00-0756 EA Heavy Duty Switchpack (Cooper SP20-MV)	101.23	24.48
26 09 23 00-0757 Fixture Mounted Occupancy Sensors (Leviton) <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.		
26 09 23 00-0758 EA 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-ITW)	146.48	24.48
26 09 23 00-0759 EA 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, High Bay Occupancy Sensor (Leviton® OSFHU-14W)	127.39	24.48
26 09 23 00-0760 EA 120-347 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-CTW)	162.26	24.48
26 09 23 00-0761 EA 480 Volt, Passive Infrared, Fixture Mount, 360 Degree View, Cold Storage Occupancy Sensor (Leviton® OSFHU-C4W)	127.39	24.48
26 09 23 00-0762 EA 120-347 Volt, Dual Detection Occupancy Wall Sensor Switch (Lithonia WSX-PDT)	219.56	10.87
26 09 23 00-0763 Wireless Enabled Communication Devices For Streetlights <small>(26 09 23)</small>		
Note: Includes testing of new devices and certification.		
26 09 23 00-0764 Wireless Enabled Communication Nodes For Streetlights (Roam®) <small>(26 09 23 00-0763)</small>		
26 09 23 00-0765 EA 120/244/277 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN127 NM1)	335.54	
26 09 23 00-0766 EA 480 Voltage, Wireless Enabled Communication Node For Streetlights (Roam® REN480 NM1)	470.93	
26 09 23 00-0767 Wireless Enabled Communication Devices For Streetlights (Roam®) <small>(26 09 23 00-0763)</small>		
26 09 23 00-0768 EA Retrofit Receptacle Kit (Roam® DUR103)	54.60	
Note: For adapting light fixtures for use with a NEMA locking type photocontrol.		
26 09 23 00-0769 EA Wireless Enabled Backbone And Data Backhaul Device, Gateway (Roam® REG127)	13,663.27	61.76
26 09 23 00-0770 Counter Mounted Consoles <small>(26 09 23)</small>		
26 09 23 00-0771 EA 20" x 24" Type 12, Oil Tight Consoles, Counter Mounted (Schaefer's SPCL-20C24)	633.33	135.78
26 09 23 00-0772 Lighting Console And Stations <small>(26 09 23)</small>		
26 09 23 00-0773 EA 80 Channel, 40 Faders, Lighting Console (ETC ColorSource CS 40)	4,793.08	135.78
For Lighting Console Dust Cover (ETC ColorSource CS40DC), Add		104.55
For Lighting Console Case (ETC ColorSourcePart 11866), Add		1,114.83
26 09 23 00-0774 EA 10 Preset, Lighting Control Station (Doug Fleener PRE10-A2)	3,313.73	81.47

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 09 23 00-0775 Theatre Lighting Console <small>(26 09 23)</small>		
26 09 23 00-0776 EA Theatre Lighting Console (ETC Colorsources 20).....	3,425.28	162.94
26 09 23 00-0777 Outdoor Lighting Controls <small>(26 09 23)</small>		
26 09 23 00-0778 EA 1 Channel 365 Day Outdoor Lighting Control Tork #DZS-100.....	1,347.94	108.63
26 09 23 00-0779 EA 2 Channel 365 Day Outdoor Lighting Control Tork #DZS-200.....	1,637.30	108.63
26 09 23 00-0780 EA Astro 365 Day Outdoor Lighting Control Tork #DZS-400A.....	2,986.15	108.63
26 09 23 00-0781 EA 4 Circuit, 120 Volt, 10 Amperes, Timer Tork #K400Z.....	4,005.67	54.31
26 09 23 00-0782 EA 6 Circuit, 120 Volt, 10 Amperes, Timer (Tork #K600Z).....	5,500.79	54.31
26 09 23 00-0783 EA 8 Circuit, 120 Volt, 10 Amperes, Timer (Tork #K800Z).....	6,451.07	54.31
26 09 23 00-0784 EA SPST, 120 Volt Photoelectric Control Tork #2101.....	87.96	28.24
26 09 23 00-0785 EA SPST, 208/277 Volt Photoelectric Control Tork #2104.....	96.35	28.24
26 09 23 00-0786 EA SPST, 120 Volt Photoelectric Control Tork #2105.....	118.07	28.24
26 09 23 00-0787 EA 120-277 Volt, 2,000 Watt Photoelectric Control Tork #2107.....	110.55	28.24
26 09 23 00-0788 Emergency Lighting Controls <small>(26 09 23)</small>		
26 09 23 00-0789 Emergency Lighting Control Units (Watt Stopper ELCU) <small>(26 09 23 00-0788)</small>		
<small>Note: The ELCU monitors a single circuit and can be wired either as a control device, so that emergency lighting follows the control of normal lighting, or as a bypass device to shunt emergency power around a control device when normal power fails. Includes integral push-to-test button and LED indicator for emergency and normal power.</small>		
26 09 23 00-0790 EA DIN Rail Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-100).....	214.36	27.21
26 09 23 00-0791 EA 1/2" Knockout Mount, Emergency Lighting Control/Bypass Shunt Unit (Watt Stopper ELCU-200).....	214.36	27.21
26 09 23 00-0792 Emergency Shunt Relays (Lighting Control & Design GR 2001™) <small>(26 09 23 00-0788)</small>		
<small>Note: Normally-closed, electrically-held relay to be wired in parallel with a wall switch. Manually controlled emergency lighting will be automatically shunted on during a power outage. Includes two-gang NEMA 1 junction box, voltage-separating barrier and plaster ring separating normal and emergency power. Excludes wall plate and switch.</small>		
26 09 23 00-0793 EA 1 Emergency Shunt Relay And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	381.97	38.09
26 09 23 00-0794 EA 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™).....	523.76	43.53
26 09 23 00-0795 EA 2 Emergency Shunt Relays And NEMA 1 Enclosure (Lighting Control & Design GR 2001™ Dual).....	709.50	48.97
<small>Note: Controls normal and emergency lighting from single-pole wall switch.</small>		
26 09 23 00-0796 Photocells <small>(26 09 23)</small>		
26 09 23 00-0797 EA Plug-In Photocell For Lighting Fixtures (Intermac® LC2000).....	88.62	
26 09 23 00-0798 EA Wired Photocell For Lighting Fixtures (Intermac® K4021C).....	195.52	
26 09 23 00-0799 Outdoor Lighting Motion Sensors <small>(26 09 23)</small>		
26 09 23 00-0800 EA 70' Range, 180 Degree Detection Zone, 8 Amperes, Switching Capacity, Polycarbonate Housing, Outdoor Motion Sensor (Lithonia OMS 1000).....	120.10	27.21
26 09 23 00-0801 EA 70' Range, 200 Degree Detection Zone, 10 Amperes, Switching Capacity, Cast Aluminum Housing, Outdoor Motion Sensor (Lithonia OMS 2000).....	132.01	27.21
26 09 23 00-0802 EA 30' Range, 360 Degree Detection Zone, Line Voltage, Plastic Housing, IP66 Rated, Outdoor Motion Sensor With Photocell (SensorSwitch SBOR).....	574.23	27.21
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.32</i>	
26 09 23 00-0803 Street Light Controls <small>(26 09 23)</small>		
26 09 23 00-0804 Photo Controls <small>(26 09 23 00-0803)</small>		
26 09 23 00-0805 EA Photo Control, 120 Volt As Manufactured By Cooper Lighting #RA1014.....	93.61	
26 09 23 00-0806 EA Photo Control, Multi-Tap As Manufactured By Cooper Lighting #RA1016.....	108.46	
26 09 23 00-0807 Connector Node <small>(26 09 23 00-0803)</small>		
26 09 23 00-0808 EA Outdoor Lighting Connector Node (Philips City Touch LLC7260).....	521.38	3.07

26 10 Medium-Voltage Electrical Distribution (26)

26 11 Substations (26 10)

26 11 13 Primary Unit Substations (26 11)

26 11 13 00-0001 "Switchyard" Substation Primary Incoming Section (26 11 13)

26 11 13 00-0002 Outdoor Oil Circuit Breakers "Switchyard" (26 11 13 00-0001)

<small>Note: Type SP 14.4 thru 69 KV 1200 amp. Frame mounted. Standard equipment</small>		
26 11 13 00-0003 EA 14.4 KV, 500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	57,575.32	1,896.50
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	<i>1,157.42</i>	
26 11 13 00-0004 EA 23.0 KV, 750 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	70,626.22	2,398.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	<i>1,446.77</i>	
26 11 13 00-0005 EA 34.5 KV, 1,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	80,026.73	2,398.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	<i>1,446.77</i>	
26 11 13 00-0006 EA 46 KV, 2,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation.....	92,032.36	2,398.51
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		
	<i>1,543.23</i>	

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 11 Substations**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0007	EA		69 KV, 3,500 MVA, Outdoor Oil Circuit Breaker Type SP, 1,200 Amperes, "Switchyard" Substation..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	104,408.86 1,780.65	2,956.30
26 11 13 00-0008			Accessories For Outdoor Oil Circuit Breakers <small>(26 11 13 00-0001)</small>		
26 11 13 00-0009	EA		Reclosure Relay, Adjustable, 3 Shot, #179..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,567.85 117.52	198.47
26 11 13 00-0010	EA		Overcurrent Relay, 1 Phase, #51/51N..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	491.97 78.38	143.90
26 11 13 00-0011	EA		Directional Overcurrent Relay, Three-Phase, Device No. 67..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	739.45 97.67	143.90
26 11 13 00-0012	EA		Voltage Relay, Under Or Over- Voltage, Device No. 27 Or 59, Three-Phase..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	584.70 78.38	143.90
26 11 13 00-0013	EA		Differential Relay Package, Complete, Device No. 87..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,187.25 293.62	486.27
26 11 13 00-0014			"Switchyard", Substation Transformer Section <small>(26 11 13)</small> Note: Standard NEMA design two winding three phase, 60 Hz. oil filled load tap changer 10% Range		
26 11 13 00-0015			14.4 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0016	EA		1,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Forced Air Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For 50 Hz Operation, Add</i>	33,118.36 4,389.04 3,657.54 292.60 3,511.23 877.81 1,463.01 3,511.23	1,896.50
26 11 13 00-0017	EA		2,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For Forced Air Cooling, Add</i> <i>For External Control Panel, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For 50 Hz Operation, Add</i>	37,856.22 4,955.05 4,129.21 330.34 3,964.04 991.01 1,651.68 3,964.04	2,376.19
26 11 13 00-0018	EA		5,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For External Control Panel, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i>	58,260.74 7,710.29 6,425.24 514.02 1,542.06 2,570.10 6,168.23 6,168.23	3,346.76
26 11 13 00-0019	EA		7,500 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For External Control Panel, Add</i> <i>For Forced Air Cooling, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For 50 Hz Operation, Add</i>	84,575.07 11,369.45 9,474.54 757.96 2,273.89 9,095.56 3,789.82 9,095.56	4,070.13
26 11 13 00-0020	EA		10,000 KVA, 14.4 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For External Control Panel, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i>	104,194.27 13,983.13 11,652.61 932.21 2,796.63 4,661.04 11,186.50 11,186.50	5,267.23
26 11 13 00-0021			23 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0022	EA		1,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For External Control Panel, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i>	37,009.64 4,828.06 4,023.38 321.87 965.61 1,609.35 3,862.45 2,574.96	2,565.85
26 11 13 00-0023	EA		2,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled..... <i>For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add</i> <i>For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add</i> <i>For Internally Mounted Current Transformers And Linear Couplers, Add</i> <i>For External Control Panel, Add</i> <i>For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add</i> <i>For 50 Hz Operation, Add</i> <i>For Forced Air Cooling, Add</i>	42,245.68 5,463.33 4,552.77 364.22 1,092.67 1,821.11 4,370.66 2,913.77	2,565.85

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0024 EA 5,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	67,830.33	3,792.99
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	9,017.13	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	7,514.28	
For Internally Mounted Current Transformers And Linear Couplers, Add	601.14	
For Forced Air Cooling, Add	4,809.14	
For External Control Panel, Add	1,803.43	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,005.71	
For 50 Hz Operation, Add	7,213.70	
26 11 13 00-0025 EA 7,500 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	91,125.91	5,267.23
For Forced Air Cooling, Add	6,412.20	
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	12,022.88	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	10,019.06	
For Internally Mounted Current Transformers And Linear Couplers, Add	801.53	
For External Control Panel, Add	2,404.58	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,007.63	
For 50 Hz Operation, Add	9,618.30	
26 11 13 00-0026 EA 10,000 KVA, 23 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	112,906.53	5,267.23
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	15,289.97	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	12,741.64	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,019.33	
For External Control Panel, Add	3,057.99	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	5,096.66	
For 50 Hz Operation, Add	12,231.98	
For Forced Air Cooling, Add	8,154.65	
26 11 13 00-0027 34.5 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0028 EA 1,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	46,480.80	3,067.86
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	6,098.60	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	5,082.16	
For Internally Mounted Current Transformers And Linear Couplers, Add	406.57	
For External Control Panel, Add	1,219.72	
For Forced Air Cooling, Add	3,252.58	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,032.87	
For 50 Hz Operation, Add	4,878.88	
26 11 13 00-0029 EA 2,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	56,142.20	4,797.02
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	7,369.13	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	6,140.94	
For Internally Mounted Current Transformers And Linear Couplers, Add	491.28	
For External Control Panel, Add	1,473.83	
For Forced Air Cooling, Add	3,930.20	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	2,456.38	
For 50 Hz Operation, Add	5,895.30	
26 11 13 00-0030 EA 5,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	77,600.84	4,797.02
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	10,193.35	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	8,494.46	
For Internally Mounted Current Transformers And Linear Couplers, Add	679.56	
For External Control Panel, Add	2,038.67	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,397.78	
For 50 Hz Operation, Add	8,154.68	
For Forced Air Cooling, Add	5,436.45	
26 11 13 00-0031 EA 7,500 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	99,838.10	5,147.52
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	13,329.71	
For Forced Air Cooling, Add	7,109.18	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	11,108.09	
For Internally Mounted Current Transformers And Linear Couplers, Add	888.65	
For External Control Panel, Add	2,665.94	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,443.24	
For 50 Hz Operation, Add	10,663.76	
26 11 13 00-0032 EA 10,000 KVA, 34.5 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	172,608.67	6,584.04
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	23,784.41	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	19,820.34	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,585.63	
For Forced Air Cooling, Add	12,685.02	
For External Control Panel, Add	4,756.88	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	7,928.14	
For 50 Hz Operation, Add	19,027.53	
26 11 13 00-0033 46 KV Nominal Primary <small>(26 11 13 00-0014)</small>		
26 11 13 00-0034 EA 1,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	71,332.03	3,569.87
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	9,647.60	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	8,039.67	
For Internally Mounted Current Transformers And Linear Couplers, Add	643.17	
For Forced Air Cooling, Add	5,145.39	
For External Control Panel, Add	1,929.52	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,215.87	
For 50 Hz Operation, Add	7,718.08	
26 11 13 00-0035 EA 2,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	80,633.71	3,569.87
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	10,937.64	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	9,114.70	
For Internally Mounted Current Transformers And Linear Couplers, Add	729.18	
For Forced Air Cooling, Add	5,833.41	
For External Control Panel, Add	2,187.53	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	3,645.88	
For 50 Hz Operation, Add	8,750.11	

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 11 Substations**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 13 00-0036 EA 5,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	111,726.71	4,797.02
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	15,312.23	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	12,760.19	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,020.82	
For External Control Panel, Add	3,062.45	
For Forced Air Cooling, Add	8,166.52	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	5,104.08	
For 50 Hz Operation, Add	12,249.78	
26 11 13 00-0037 EA 7,500 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	136,708.89	6,584.04
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	18,399.44	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	15,332.87	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,226.63	
For External Control Panel, Add	3,679.89	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	6,133.15	
For 50 Hz Operation, Add	14,719.55	
For Forced Air Cooling, Add	9,813.04	
26 11 13 00-0038 EA 10,000 KVA, 46 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	194,443.24	6,584.04
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	27,059.59	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	22,549.66	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,803.97	
For External Control Panel, Add	5,411.92	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	9,019.86	
For 50 Hz Operation, Add	21,647.67	
For Forced Air Cooling, Add	14,431.78	
26 11 13 00-0039 69 KV Nominal Primary (26 11 13 00-0014)		
26 11 13 00-0040 EA 1,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	102,748.56	3,792.99
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	14,254.86	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	11,879.05	
For Internally Mounted Current Transformers And Linear Couplers, Add	950.32	
For Forced Air Cooling, Add	7,602.59	
For External Control Panel, Add	2,850.97	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	4,751.62	
For 50 Hz Operation, Add	11,403.89	
26 11 13 00-0041 EA 2,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	117,988.40	4,797.02
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	16,251.48	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	13,542.90	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,083.43	
For Forced Air Cooling, Add	8,667.46	
For External Control Panel, Add	3,250.30	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	5,417.16	
For 50 Hz Operation, Add	13,001.19	
26 11 13 00-0042 EA 5,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	162,252.16	4,797.02
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	22,891.05	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	19,075.87	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,526.07	
For External Control Panel, Add	4,578.21	
For Forced Air Cooling, Add	12,208.56	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	7,630.35	
For 50 Hz Operation, Add	18,312.84	
26 11 13 00-0043 EA 7,500 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	171,975.17	6,584.04
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	23,689.38	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	19,741.15	
For Internally Mounted Current Transformers And Linear Couplers, Add	1,579.29	
For External Control Panel, Add	4,737.88	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	7,896.46	
For 50 Hz Operation, Add	18,951.51	
For Forced Air Cooling, Add	12,634.34	
26 11 13 00-0044 EA 10,000 KVA, 69 KV Primary, Substation Switchyard, 2 Winding, 3 Phase, Oil Filled	225,288.85	6,584.04
For Lightning Arrester On 69 kV Transformer Station Type And Mounting, Add	31,686.44	
For Lightning Arrester On 34.5 kV Transformer Station Type And Mounting, Add	26,405.36	
For Internally Mounted Current Transformers And Linear Couplers, Add	2,112.43	
For External Control Panel, Add	6,337.29	
For Forced Air Cooling, Add	16,899.43	
For Lightning Arrester On 15 kV Transformer Station Type And Mounting, Add	10,562.15	
For 50 Hz Operation, Add	25,349.15	
26 11 13 00-0045 Circuit Breakers Fluarc SF6 13.8 KV (26 11 13)		
26 11 13 00-0046 EA 1,200 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	61,690.19	946.45
26 11 13 00-0047 EA 1,200 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	67,735.10	946.45
26 11 13 00-0048 EA 1,200 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	77,115.25	1,175.66
26 11 13 00-0049 EA 2,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	72,100.53	1,413.66
26 11 13 00-0050 EA 2,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	81,232.64	1,413.66
26 11 13 00-0051 EA 2,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	92,673.46	1,642.37
26 11 13 00-0052 EA 3,000 Amperes, 500 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	95,531.16	1,876.40
26 11 13 00-0053 EA 3,000 Amperes, 750 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	106,901.16	1,876.40
26 11 13 00-0054 EA 3,000 Amperes, 1,000 MVA, Fluarc Breaker, 13.8 KV Substation, Secondary Distribution Section	112,042.81	2,107.21
26 11 16 Secondary Unit Substations (26 11)		
26 11 16 11 Secondary Unit Substations with Switchgear Secondary (26 11 16)		
26 11 16 11-0001 Substation Primary Incoming Section (26 11 16 11)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0002 Manual Transferring Fused Load Break Switches <small>(26 11 16 11-0001)</small> Note: 15 KV 600 Amp 3 pole 2 position floor mounted. Type, metal compartment includes weatherproofing, fuses, transformer throat, pothead terminations thru 500 MCM, with surge protection. Manual transferring of one line to an alternate incoming line.		
26 11 16 11-0003 EA 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position.....	38,714.59	1,389.84
26 11 16 11-0004 EA 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position.....	44,724.42	1,389.84
26 11 16 11-0005 Automatic Transferring Fused Load Break Switches <small>(26 11 16 11-0001)</small> Note: Items are equipped with 3 pole - 2 position selector switch for automatic transferring one line to an alternate incoming line.		
26 11 16 11-0006 EA 112.5 Thru 1,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch.....	54,811.50	1,389.84
26 11 16 11-0007 EA 2,000 And 2,500 KVA Transformers Load Switch, 600 Amperes, 3 Pole, 2 Position Selector Switch.....	58,722.73	1,389.84
26 11 16 11-0008 Accessories For Substation Fused Load Break Switches <small>(26 11 16 11-0001)</small>		
26 11 16 11-0009 EA Primary Lightning Arrestors Accessories, Secondary Distribution Section.....	20,509.58	
26 11 16 11-0010 EA Key Interlock Accessories, Secondary Distribution Section.....	1,996.34	
26 11 16 11-0011 Oil Filled Substation Transformers <small>(26 11 16 11)</small> Note: 112-1/2 KVA thru 2500 KVA standard NEMA design 3 phase cover mounted manual tap changer, liquid level gauge with alarm contacts, thermometer with alarm contacts, pressure vacuum gauge, automatic control for auxiliary cooling equipment. Weatherproof.		
26 11 16 11-0012 Substation, Primary 13.8 KV Secondary 480Y/277 Or 480 Volt, 60 HZ <small>(26 11 16 11-0011)</small>		
26 11 16 11-0013 EA 75 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	35,582.42 2,373.63 339.09 1,017.27	836.69
26 11 16 11-0014 EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	52,655.71 3,545.34 506.48 1,519.43	1,004.02
26 11 16 11-0015 EA 150 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	59,634.35 4,018.22 574.03 1,722.10	1,115.58
26 11 16 11-0016 EA 225 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	70,432.18 4,735.02 676.43 2,029.30	1,394.48
26 11 16 11-0017 EA 300 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	78,214.92 5,232.96 747.57 2,242.70	1,729.16
26 11 16 11-0018 EA 500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	83,153.98 5,524.03 789.15 2,367.44	2,119.62
26 11 16 11-0019 EA 750 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	97,172.68 6,442.87 920.41 2,761.23	2,565.85
26 11 16 11-0020 EA 1,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	103,438.96 6,850.27 978.61 2,935.83	2,788.97
26 11 16 11-0021 EA 1,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	115,674.53 7,667.72 1,095.39 3,286.16	3,067.86
26 11 16 11-0022 EA 2,000 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	134,042.62 8,906.63 1,272.38 3,817.13	3,402.54
26 11 16 11-0023 EA 2,500 KVA, Substation, Secondary 480 Y / 277 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	147,238.06 9,787.36 1,398.19 4,194.58	3,709.32
26 11 16 11-0024 Substation, Primary 13.8 KV Secondary 208Y/120 Volt, 60 HZ <small>(26 11 16 11-0011)</small>		
26 11 16 11-0025 EA 75 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	33,890.75 2,255.22 322.17 966.52	836.69
26 11 16 11-0026 EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	51,772.49 3,506.94 500.99 1,502.97	836.69
26 11 16 11-0027 EA 150 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	59,596.92 4,015.60 573.66 1,720.97	1,115.58

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 11 Substations**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0028 EA 225 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	70,496.59 4,739.53 677.08 2,031.23	1,394.48
26 11 16 11-0029 EA 300 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	84,788.38 5,693.10 813.30 2,439.90	1,729.16
26 11 16 11-0030 EA 500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	91,339.12 6,096.99 871.00 2,613.00	2,119.62
26 11 16 11-0031 EA 750 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	100,952.26 6,707.44 958.21 2,874.62	2,565.85
26 11 16 11-0032 EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	109,949.64 7,306.02 1,043.72 3,131.15	2,788.97
26 11 16 11-0033 EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt, Primary 13.8 KV, Oil Transformer, Weatherproof..... <i>For Forced Air Cooling, 750 KVA And Above Rating 15% Thru 2,499 kV And 25% For 2,500 kV, Add</i> <i>For Internal Mounted Current Transformer And Linear Coupler, Add</i> <i>For Control Power Transformer On Fans And Auxiliary, Add</i>	124,093.83 8,257.07 1,179.58 3,538.74	3,067.86
26 11 16 11-0034 Accessories For Oil Filled Substation Transformers (26 11 16 11-0011)		
26 11 16 11-0035 EA Sudden Pressure Relay	10,277.70	
26 11 16 11-0036 EA Throats Or Flanges (HV Or LV)	20,404.72	
26 11 16 11-0037 EA Lightning Arrestors (3 - 1 Pole).....	13,435.72	
26 11 16 11-0038 EA Single Feeder Switch With Fuses 3 Pole, 2 Position, Open-Close Close) Fuse Type - CLE (80E To 125 X).....	74,561.52	
26 11 16 11-0039 EA Oil Fuse Cutout, 15 KV, 200 Amperes, Free Standing Air Filled Terminal Compartment, 15 KV - 200 Amp Cutout	69,759.72	
26 11 16 11-0040 Reinforced Concrete Curb With 6" Slab (26 11 16 11-0011)		
Note: For transformer liquid containment area.		
26 11 16 11-0041 EA 112.5 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	7,737.14	1,246.81
26 11 16 11-0042 EA 150 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	7,737.14	1,246.81
26 11 16 11-0043 EA 225 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	7,737.14	1,246.81
26 11 16 11-0044 EA 300 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	7,737.14	1,246.81
26 11 16 11-0045 EA 500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	7,737.14	1,246.81
26 11 16 11-0046 EA 750 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	7,737.14	1,246.81
26 11 16 11-0047 EA 1,000 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	7,737.14	1,246.81
26 11 16 11-0048 EA 1,500 KVA, Reinforced Curb With 6" Slab, Transformer Liquid Containment Area	9,501.04	1,437.60
26 11 16 11-0049 Dry Type Substation Transformer (26 11 16 11)		
Note: Standard NEMA design 3 phase - 150 C rise - 60 Hz self-cooled, ventilated.		
26 11 16 11-0050 Primary 4.16 Or 4.8 KV Secondary 208 Y/120 Or 240 Volt (26 11 16 11-0049)		
Note: Primary 4.160 or 4.8 KV (delta or wye).		
26 11 16 11-0051 EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	62,993.51	892.47
<i>For Single Phase Transformers, Deduct</i>	-1,530.21	
<i>For Dry Type Unit, Add</i>	13,644.38	
<i>For Gas Filled Transformers, Add</i>	36,725.14	
26 11 16 11-0052 EA 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	63,105.07	948.25
<i>For Single Phase Transformers, Deduct</i>	-1,530.21	
<i>For Dry Type Unit, Add</i>	13,655.54	
<i>For Gas Filled Transformers, Add</i>	36,725.14	
26 11 16 11-0053 EA 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	64,237.02	1,115.58
<i>For Single Phase Transformers, Deduct</i>	-1,550.15	
<i>For Dry Type Unit, Add</i>	13,864.40	
<i>For Gas Filled Transformers, Add</i>	37,203.51	
26 11 16 11-0054 EA 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	70,907.44	1,227.14
<i>For Single Phase Transformers, Deduct</i>	-1,711.33	
<i>For Dry Type Unit, Add</i>	15,305.12	
<i>For Gas Filled Transformers, Add</i>	41,071.89	
26 11 16 11-0055 EA 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	78,560.59	1,450.26
<i>For Single Phase Transformers, Deduct</i>	-1,891.50	
<i>For Dry Type Unit, Add</i>	16,935.27	
<i>For Gas Filled Transformers, Add</i>	45,396.04	
26 11 16 11-0056 EA 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	91,028.82	1,673.38
<i>For Single Phase Transformers, Deduct</i>	-2,192.05	
<i>For Dry Type Unit, Add</i>	19,624.73	
<i>For Gas Filled Transformers, Add</i>	52,609.24	
26 11 16 11-0057 EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	105,584.67	2,008.06
<i>For Single Phase Transformers, Deduct</i>	-2,539.21	
<i>For Dry Type Unit, Add</i>	22,746.69	
<i>For Gas Filled Transformers, Add</i>	60,941.14	
26 11 16 11-0058 EA 1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer	125,027.53	2,231.17
<i>For Single Phase Transformers, Deduct</i>	-3,014.13	
<i>For Dry Type Unit, Add</i>	26,970.58	
<i>For Gas Filled Transformers, Add</i>	72,339.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0059 EA 2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	162,886.08 -3,955.02 35,272.68 94,920.37	2,342.73
26 11 16 11-0060 Primary 4.16 Or 4.8 KV Secondary 480 Y/277 Or 480 Volt <small>(26 11 16 11-0049)</small> Note: Primary 4.16 or 4.8 KV (delta or wye).		
26 11 16 11-0061 EA 112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	60,821.39 -1,475.91 13,166.51 35,421.87	892.47
26 11 16 11-0062 EA 150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	63,105.07 -1,530.21 13,655.54 36,725.14	948.25
26 11 16 11-0063 EA 225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	64,237.02 -1,550.15 13,864.40 37,203.51	1,115.58
26 11 16 11-0064 EA 300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	70,907.44 -1,711.33 15,305.12 41,071.89	1,227.14
26 11 16 11-0065 EA 500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	78,560.59 -1,891.50 16,935.27 45,396.04	1,450.26
26 11 16 11-0066 EA 750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	91,028.82 -2,192.05 19,624.73 52,609.24	1,673.38
26 11 16 11-0067 EA 1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	105,584.67 -2,539.21 22,746.69 60,941.14	2,008.06
26 11 16 11-0068 EA 1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	125,027.53 -3,014.13 26,970.58 72,339.11	2,231.17
26 11 16 11-0069 EA 2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	162,886.08 -3,955.02 35,272.68 94,920.37	2,342.73
26 11 16 11-0070 EA 2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	178,966.92 -4,351.46 38,783.69 104,435.00	2,454.29
26 11 16 11-0071 EA 3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	200,013.51 -4,872.05 43,387.17 116,929.09	2,565.85
26 11 16 11-0072 EA 3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 4.16 Or 4.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	230,972.74 -5,640.45 50,171.43 135,370.76	2,677.41
26 11 16 11-0073 Primary 13.8 KV (Delta Or Wye) Secondary 208 Y/120 Or 240 Volt <small>(26 11 16 11-0049)</small>		
26 11 16 11-0074 EA 112.5 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	67,711.54 -1,642.59 14,655.57 39,422.09	1,004.02
26 11 16 11-0075 EA 150 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	69,982.66 -1,696.58 15,141.83 40,717.82	1,059.81
26 11 16 11-0076 EA 225 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	74,743.18 -1,807.22 16,148.98 43,373.33	1,227.14
26 11 16 11-0077 EA 300 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	78,858.54 -1,904.53 17,027.59 45,708.68	1,338.70
26 11 16 11-0078 EA 500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	89,876.59 -2,168.82 19,398.01 52,051.77	1,561.83
26 11 16 11-0079 EA 750 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	99,532.35 -2,399.06 21,468.73 57,577.49	1,784.94
26 11 16 11-0080 EA 1,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	116,178.71 -2,798.49 25,050.61 67,163.69	2,119.62

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 11 Substations**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 11 16 11-0081	EA		1,500 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	141,077.00 -3,409.79 30,474.68 81,834.92	2,342.73
26 11 16 11-0082	EA		2,000 KVA, Substation, Secondary 208 Y / 120 Volt Or 240 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	171,006.67 -4,152.45 37,032.44 99,658.85	2,454.29
26 11 16 11-0083			Primary 13.8 KV (Delta Or Wye) Secondary 480 Y/277 Or 480 Volt <small>(26 11 16 11-0049)</small>		
26 11 16 11-0084	EA		112.5 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	67,711.54 -1,642.59 14,655.57 39,422.09	1,004.02
26 11 16 11-0085	EA		150 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	69,982.66 -1,696.58 15,141.83 40,717.82	1,059.81
26 11 16 11-0086	EA		225 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	74,743.18 -1,807.22 16,148.98 43,373.33	1,227.14
26 11 16 11-0087	EA		300 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	78,858.54 -1,904.53 17,027.59 45,708.68	1,338.70
26 11 16 11-0088	EA		500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	89,876.59 -2,168.82 19,398.01 52,051.77	1,561.83
26 11 16 11-0089	EA		750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	86,976.75 -2,085.17 18,706.50 50,044.13	1,784.94
26 11 16 11-0090	EA		1,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	90,384.62 -2,153.64 19,375.91 51,687.24	2,119.62
26 11 16 11-0091	EA		1,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	111,524.36 -2,670.97 23,973.10 64,103.33	2,342.73
26 11 16 11-0092	EA		2,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	132,702.54 -3,194.85 28,605.53 76,676.38	2,454.29
26 11 16 11-0093	EA		2,500 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	148,591.10 -3,586.49 32,074.24 86,075.64	2,565.85
26 11 16 11-0094	EA		3,000 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformer, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	174,913.59 -4,238.97 37,838.41 101,735.27	2,677.41
26 11 16 11-0095	EA		3,750 KVA, Substation, Secondary 480 Y / 277 Volt Or 480 Volt, Primary 13.8 KV, Dry Transformer <i>For Single Phase Transformers, Deduct</i> <i>For Dry Type Unit, Add</i> <i>For Gas Filled Transformers, Add</i>	215,186.77 -5,240.22 46,671.74 125,765.30	2,788.97

26 12 Medium-Voltage Transformers (26 10)**26 12 13 Liquid-Filled, Medium-Voltage Transformers** (26 12)**26 12 13 00-0001 Removal And Relocation Of Transformers** (26 12 13)

26 12 13 00-0002	EA	Removal And Relocation Of Up To 37.5 KVA Oil Filled Transformer	1,170.69
26 12 13 00-0003	EA	Removal And Relocation Of >37.5 To 100 KVA Oil Filled Transformers	2,154.38

26 12 13 00-0004 Single Phase Oil Filled Distribution Transformers (26 12 13)

Note: Self-protected type, CSP, external secondary breaker handle, external tap changer.

26 12 13 00-0005 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 4-2.5 Percent

Taps FCBN, Class A, 95 KV BIL. Rated To 5 KVA (26 12 13 00-0004)

26 12 13 00-0006	EA	10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	7,356.43	465.81
26 12 13 00-0007	EA	15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	8,794.91	582.26
26 12 13 00-0008	EA	25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	10,194.30	698.72
26 12 13 00-0009	EA	37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	13,237.97	873.39
26 12 13 00-0010	EA	50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	15,697.38	1,048.07
26 12 13 00-0011	EA	75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	22,106.51	1,222.75
26 12 13 00-0012	EA	100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase	26,174.26	1,455.66

			MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0013			Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt, 2-2.5 Percent Taps FCAN And FCBN. Rated To 5 KVA <small>(26 12 13 00-0004)</small>		
26 12 13 00-0014	EA		10 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,356.43	465.81
26 12 13 00-0015	EA		15 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,971.33	582.26
26 12 13 00-0016	EA		25 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	10,194.30	698.72
26 12 13 00-0017	EA		37.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,237.97	873.39
26 12 13 00-0018	EA		50 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	15,697.38	1,048.07
26 12 13 00-0019	EA		75 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	20,293.07	1,222.75
26 12 13 00-0020	EA		100 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	25,253.38	1,455.66
26 12 13 00-0021			Primary 13.8/14.4 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCBN And FCAN <small>(26 12 13 00-0004)</small>		
26 12 13 00-0022	EA		10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,150.60	465.81
26 12 13 00-0023	EA		15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,236.23	582.26
26 12 13 00-0024	EA		25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,641.77	698.72
26 12 13 00-0025	EA		37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,110.46	873.39
26 12 13 00-0026	EA		50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	15,159.02	1,048.07
26 12 13 00-0027	EA		75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	20,633.09	1,222.75
26 12 13 00-0028	EA		100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	25,338.38	1,455.66
26 12 13 00-0029			Primary 13.8/14.4 KV Ground Y Secondary 240/480 Volt, 2-2.5 Percent Taps FCBN And FCAN <small>(26 12 13 00-0004)</small>		
26 12 13 00-0030	EA		10 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,106.23	465.81
26 12 13 00-0031	EA		15 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,221.27	582.26
26 12 13 00-0032	EA		25 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	12,222.39	698.72
26 12 13 00-0033	EA		37.5 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	15,407.73	873.39
26 12 13 00-0034	EA		50 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	17,734.28	1,048.07
26 12 13 00-0035	EA		75 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	24,441.73	1,222.75
26 12 13 00-0036	EA		100 KVA Transformer Primary 13.8 / 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	31,486.79	1,455.66
26 12 13 00-0037			Transformer Platforms <small>(26 12 13 00-0004)</small>		
26 12 13 00-0038	EA		Transformer Platforms, 75 - 167 KVA.....	5,219.69	786.64
26 12 13 00-0039			Primary 24.9 KV, Ground Y Secondary 240/480 Volt, 2-2.5 Percent Tops FCBN Auto FCAN <small>(26 12 13 00-0004)</small>		
26 12 13 00-0040	EA		10 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,977.67	465.81
26 12 13 00-0041	EA		15 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	10,012.51	582.26
26 12 13 00-0042	EA		25 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	12,223.51	698.72
26 12 13 00-0043	EA		37.5 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	15,406.36	873.39
26 12 13 00-0044	EA		50 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	17,850.26	1,106.30
26 12 13 00-0045	EA		75 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	24,445.15	1,222.75
26 12 13 00-0046	EA		100 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	31,486.79	1,455.66
26 12 13 00-0047	EA		167 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	42,192.45	1,863.24
26 12 13 00-0048	EA		250 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	53,898.54	2,503.73
26 12 13 00-0049	EA		333 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	63,160.72	2,911.30
26 12 13 00-0050	EA		500 KVA Transformer Primary 24.9 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	80,734.40	3,144.21
26 12 13 00-0051			Primary 4.8 KV Ground Y Secondary 120/240V 4-2.5 Percent Taps FCBN, Class A, 95 KV BIL <small>(26 12 13 00-0004)</small>		
26 12 13 00-0052	EA		10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	7,356.43	570.39
26 12 13 00-0053	EA		15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	8,794.91	712.92
26 12 13 00-0054	EA		25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	10,193.82	854.64
26 12 13 00-0055	EA		37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	13,239.09	1,071.01
26 12 13 00-0056	EA		50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	15,696.31	1,282.95
26 12 13 00-0057	EA		75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	22,105.05	1,494.20
26 12 13 00-0058	EA		100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 1 Phase.....	26,174.26	1,782.42
26 12 13 00-0059			Primary 4.8 KV Ground Y Secondary 120/240V 2-2.5 Percent Taps FCAN And FCBN <small>(26 12 13 00-0004)</small>		
26 12 13 00-0060	EA		10 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,356.43	570.39
26 12 13 00-0061	EA		15 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	8,971.33	712.92
26 12 13 00-0062	EA		25 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	10,193.82	854.64
26 12 13 00-0063	EA		37.5 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,239.09	1,071.01
26 12 13 00-0064	EA		50 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	15,696.31	1,282.95
26 12 13 00-0065	EA		75 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	20,291.61	1,494.20
26 12 13 00-0066	EA		100 KVA Transformer Primary 4.8 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	25,253.38	1,782.42
26 12 13 00-0067			Primary 7.2 To 14.4 KV Ground Y <small>(26 12 13 00-0004)</small>		
26 12 13 00-0068			Primary 7.2 To 14.4 KV Ground Y Secondary 120 / 240 V 2-2.5 Percent Taps FCBN And FCAN <small>(26 12 13 00-0067)</small>		
26 12 13 00-0069	EA		10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,810.04	465.81

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 13 00-0070 EA 15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,898.34	582.26
26 12 13 00-0071 EA 25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,944.94	698.72
26 12 13 00-0072 EA 37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	10,436.87	873.39
26 12 13 00-0073 EA 50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	13,122.11	1,048.07
26 12 13 00-0074 EA 75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	21,152.36	1,222.75
26 12 13 00-0075 EA 100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 120/240 Volt, 2 Taps, Oil Filled, 1 Phase.....	24,296.14	1,455.66
26 12 13 00-0076 Primary 7.2 To 14.4 KV Ground Y Secondary 240 / 480 V 2-2.5 Pct Taps FCBN And FCAN <small>(26 12 13 00-0067)</small>		
26 12 13 00-0077 EA 10 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	5,342.24	465.81
26 12 13 00-0078 EA 15 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	6,310.26	582.26
26 12 13 00-0079 EA 25 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	7,677.63	698.72
26 12 13 00-0080 EA 37.5 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	9,902.25	873.39
26 12 13 00-0081 EA 50 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	12,387.00	1,048.07
26 12 13 00-0082 EA 75 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	18,479.25	1,222.75
26 12 13 00-0083 EA 100 KVA Transformer Primary 7.2 - 14.4 KV Ground Y, Secondary 240/480 Volt, 2 Taps, Oil Filled, 1 Phase.....	21,623.04	1,455.66
26 12 13 00-0084 3 Phase Oil Filled Distribution Transformers <small>(26 12 13)</small>		
26 12 13 00-0085 Primary 4.16/4.8 KV Ground Y Secondary 120/240 Volt <small>(26 12 13 00-0084)</small>		
Note: 4-2.5 Percent taps FCBN, Class A, 95 KV BIL.		
26 12 13 00-0086 EA 112.5 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	26,814.65	1,630.34
26 12 13 00-0087 EA 150 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	33,802.02	1,746.79
26 12 13 00-0088 EA 225 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	44,951.91	2,212.60
26 12 13 00-0089 EA 300 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	58,759.39	2,794.85
26 12 13 00-0090 EA 500 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	87,341.88	3,144.21
26 12 13 00-0091 EA 750 KVA Transformer Primary 4.16 / 4.8 KV Ground Y, Secondary 120/240 Volt, 4 Taps, Oil Filled, 3 Phase	133,774.94	4,192.28
26 12 16 Dry-Type, Medium-Voltage Transformers <small>(26 12)</small>		
26 12 16 00-0001 Removal and Relocation of Transformers <small>(26 12 16)</small>		
26 12 16 00-0002 EA Removal And Relocation Of Up To 37.5 KVA "Dry Type" Transformer	462.97	
26 12 16 00-0003 EA Removal And Relocation Of >37.5 To 112.5 KVA "Dry Type" Transformer	2,057.64	
26 12 19 Pad-Mounted, Liquid-Filled, Medium-Voltage Transformers <small>(26 12)</small>		
26 12 19 00-0001 Single Phase Pad Mounted Distribution Transformers <small>(26 12 19)</small>		
Note: Designed for residential and multi-family buildings. UL listed.		
26 12 19 00-0002 Mini Pak - Single Phase KVA 25 Thru 167 - 95 KV BIL.- Oil Filled <small>(26 12 19 00-0001)</small>		
Note: Self actuating pressure relief device, taps, 4-1/2 % below or 2-1/2 % above and below. Designed for loop feed grounded wye distribution system.		
26 12 19 00-0003 Primary, 4.16/4.8 KV Ground Y Or Delta <small>(26 12 19 00-0002)</small>		
Note: 2.4 To 24.94 KV ground Y / 14.4 KV secondary - 240/120 Volt, 480/240 Volt, 277 V. Rated to 5 KVA.		
26 12 19 00-0004 EA 25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	17,754.88	557.79
26 12 19 00-0005 EA 37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	19,238.70	669.35
26 12 19 00-0006 EA 50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	22,955.22	780.91
26 12 19 00-0007 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	28,566.69	836.69
26 12 19 00-0008 EA 100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	32,503.66	892.47
26 12 19 00-0009 EA 167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	42,531.12	1,171.37
26 12 19 00-0010 Factory Modifications Material Cost Only <small>(26 12 19 00-0002)</small>		
26 12 19 00-0011 EA Loadbreaker Current Limiting Fuse Factory Modifications.....	3,984.20	
26 12 19 00-0012 EA Loadbreaker Oil Switch, 2 Position Factory Modifications	4,186.29	
26 12 19 00-0013 EA Loadbreaker Inserts, Factory Modifications	4,604.92	
26 12 19 00-0014 Distribution - Single Phase Multiple Building Transformer <small>(26 12 19 00-0001)</small>		
Note: KVA 25 to 250, KVA BIL-95, 125, 150 standard features. Oil filled, self-actuating pressure relief device, lighting arrester mounted. Pad HV/LV barrier, etc. with taps 4-1/2 % below or 2-1/2 % above and below.		
26 12 19 00-0015 Primary, 4.16/4.8 KVA Ground Y Or Delta <small>(26 12 19 00-0014)</small>		
Note: 2.4 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0016 EA 25 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	22,584.14	557.79
26 12 19 00-0017 EA 37.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	25,323.74	557.79
26 12 19 00-0018 EA 50 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	27,121.60	764.18
26 12 19 00-0019 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	34,060.92	764.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0020 EA 100 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	38,270.39	1,004.02
26 12 19 00-0021 EA 167 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	45,853.55	1,004.02
26 12 19 00-0022 EA 250 KVA, Primary 4.16 / 4.8 KV Ground Y / 2.4 - 24.94 KV Ground Y / 14.4 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	74,628.53	1,394.48
26 12 19 00-0023 Factory Modifications Material Cost Only (26 12 19 00-0014)		
26 12 19 00-0024 EA Loadbreaker Current Limiting Fuse Factory Modifications	5,312.26	
26 12 19 00-0025 EA Lightning Arrestors, Factory Modifications	1,345.98	
26 12 19 00-0026 EA Loadbreaker Oil Switch, 2 Position Factory Modifications	4,186.29	
26 12 19 00-0027 EA Loop Feed Air Switch, Factory Modifications	6,813.55	
26 12 19 00-0028 EA Loadbreaker Inserts (Two), Factory Modifications	1,818.87	
26 12 19 00-0029 EA Bay-O-Net Fuse 25 Thru 167 KVA Factory Modifications	1,573.47	
26 12 19 00-0030 Primary, 12.47 KV Ground Y Or Delta (26 12 19 00-0014)		
Note: 7.2 To 34.5 KV ground Y / 19.9 KV secondary - 240/120 V, 120/240 V, 240/480 V, 480/240 V, 277V. Rated to 5 KVA.		
26 12 19 00-0031 EA 25 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	24,542.02	557.79
26 12 19 00-0032 EA 37.5 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	25,985.52	557.79
26 12 19 00-0033 EA 50 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	26,865.50	764.18
26 12 19 00-0034 EA 75 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	32,511.83	764.18
26 12 19 00-0035 EA 100 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	41,506.05	1,004.02
26 12 19 00-0036 EA 167 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	51,579.62	1,004.14
26 12 19 00-0037 EA 250 KVA, Primary 12.47 KV Ground Y / 7.2 - 34.5 KV Ground Y / 19.9 KV, Secondary 240/120 Volt, 480/240 Volt, 277 Volt	65,510.41	1,394.48
26 12 19 00-0038 Oil Filled Distribution Transformer Single Phase Cluster Mounted (26 12 19 00-0001)		
Note: Conventional type.		
26 12 19 00-0039 13.8/14.4 KV Ground Y Or Delta Primary 120/240V (26 12 19 00-0038)		
Note: 2.5 Taps FCBN and FCAN.		
26 12 19 00-0040 EA 10 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	16,294.69	397.10
26 12 19 00-0041 EA 37.5 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,087.46	558.41
26 12 19 00-0042 EA 50 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,871.09	893.47
26 12 19 00-0043 EA 100 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	55,918.57	893.47
26 12 19 00-0044 EA 167 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	77,242.06	1,464.29
26 12 19 00-0045 EA 250 KVA, 13.8 - 14.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	104,271.03	1,464.29
26 12 19 00-0046 Oil Filled Distribution Transformer Single Phase (26 12 19 00-0001)		
26 12 19 00-0047 7.2 KV Primary, 120/240 Volt Secondary (26 12 19 00-0046)		
26 12 19 00-0048 EA 10 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,773.41	421.92
26 12 19 00-0049 EA 15 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,203.83	421.92
26 12 19 00-0050 EA 25 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,338.97	595.64
26 12 19 00-0051 EA 37.5 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,092.90	595.64
26 12 19 00-0052 EA 50 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,033.76	806.61
26 12 19 00-0053 EA 100 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	54,587.27	1,240.93
26 12 19 00-0054 EA 167 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	76,199.50	1,240.93
26 12 19 00-0055 EA 250 KVA, 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	102,661.73	1,551.16
26 12 19 00-0056 7.2 KV Primary, 240/480 Volt Secondary (26 12 19 00-0046)		
26 12 19 00-0057 EA 10 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,773.41	421.92
26 12 19 00-0058 EA 15 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,204.36	421.92
26 12 19 00-0059 EA 25 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,338.97	595.64
26 12 19 00-0060 EA 37.5 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,092.90	595.64
26 12 19 00-0061 EA 50 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,033.76	806.61
26 12 19 00-0062 EA 75 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	46,816.18	1,092.02
26 12 19 00-0063 EA 100 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	54,587.27	1,092.02
26 12 19 00-0064 EA 167 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	76,199.50	1,377.43
26 12 19 00-0065 EA 250 KVA, 7.2 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	102,661.73	1,551.16
26 12 19 00-0066 2.4 KV Primary, 277 Volt Secondary (26 12 19 00-0046)		
26 12 19 00-0067 EA 10 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,409.24	421.92
26 12 19 00-0068 EA 15 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	18,986.56	421.92
26 12 19 00-0069 EA 25 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	22,452.59	595.64
26 12 19 00-0070 EA 37.5 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	28,792.98	595.64
26 12 19 00-0071 EA 50 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	33,138.02	806.61
26 12 19 00-0072 EA 75 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	51,523.54	1,092.02
26 12 19 00-0073 EA 100 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	60,303.87	1,092.02
26 12 19 00-0074 EA 167 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	84,223.23	1,377.43

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 12 Medium-Voltage Transformers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 12 19 00-0075	EA	250 KVA, 2.4 KV Primary, 277 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	113,538.85	1,551.16
26 12 19 00-0076		2.4 KV Primary, 120/240 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0077	EA	10 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,773.41	421.92
26 12 19 00-0078	EA	15 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,203.83	421.92
26 12 19 00-0079	EA	25 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,338.97	810.45
26 12 19 00-0080	EA	37.5 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,092.90	1,092.02
26 12 19 00-0081	EA	50 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,033.76	806.61
26 12 19 00-0082	EA	75 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	46,644.11	1,092.02
26 12 19 00-0083	EA	100 KVA, 2.4 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	54,576.58	1,092.02
26 12 19 00-0084		2.4 KV Primary, 240/480 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0085	EA	10 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	15,773.41	421.92
26 12 19 00-0086	EA	15 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,203.83	421.92
26 12 19 00-0087	EA	25 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	20,338.97	595.64
26 12 19 00-0088	EA	37.5 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	26,092.90	595.64
26 12 19 00-0089	EA	50 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	30,033.76	806.61
26 12 19 00-0090	EA	75 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	46,644.11	1,092.02
26 12 19 00-0091	EA	100 KVA, 2.4 KV Primary, 240/480 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	54,576.58	1,092.02
26 12 19 00-0092		2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary <small>(26 12 19 00-0046)</small>		
26 12 19 00-0093	EA	10 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	13,230.95	434.32
26 12 19 00-0094	EA	15 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	14,332.38	483.96
26 12 19 00-0095	EA	25 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	17,566.82	533.60
26 12 19 00-0096	EA	37 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	22,176.60	744.56
26 12 19 00-0097	EA	50 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	24,617.36	868.65
26 12 19 00-0098	EA	75 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	34,526.15	1,017.56
26 12 19 00-0099	EA	100 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	41,718.31	1,166.47
26 12 19 00-0100	EA	167 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	66,247.02	1,489.11
26 12 19 00-0101	EA	250 KVA, 2.4 KV x 7.2 KV Primary, 120/240 Volt Secondary, Oil Filled Distribution Transformer, 1 Phase	92,613.02	1,675.25
26 13 Medium-Voltage Switchgear <small>(26 10)</small>				
26 13 16 Medium-Voltage Fusible Interrupter Switchgear <small>(26 13)</small>				
26 13 16 00-0001		"Switchyard", Substation Secondary Distribution Section <small>(26 13 16)</small>		
		Note: Medium voltage, metal clad switchgear, 3 phase, 3 wire with ground. Includes breaker element, housing, control switch two lamps - 3 cable terminals.		
26 13 16 00-0002		4.16 Or 4.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0003	EA	1,200 Amperes, 75 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	13,428.07	1,290.56
		<i>For Weatherproofing, Add</i>	2,773.21	
26 13 16 00-0004	EA	1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	14,090.76	1,290.56
		<i>For Weatherproofing, Add</i>	2,919.00	
26 13 16 00-0005	EA	1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,185.07	1,644.23
		<i>For Weatherproofing, Add</i>	4,003.01	
26 13 16 00-0006	EA	2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	26,124.41	1,644.23
		<i>For Weatherproofing, Add</i>	5,501.99	
26 13 16 00-0007	EA	2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	37,418.00	1,985.49
		<i>For Weatherproofing, Add</i>	7,953.55	
26 13 16 00-0008	EA	3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	34,161.70	1,985.49
		<i>For Weatherproofing, Add</i>	7,223.10	
26 13 16 00-0009		7.2 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0010	EA	1,200 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	20,011.81	1,489.11
		<i>For Weatherproofing, Add</i>	4,202.91	
26 13 16 00-0011	EA	2,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	24,579.81	1,861.40
		<i>For Weatherproofing, Add</i>	5,146.70	
26 13 16 00-0012	EA	3,000 Amperes, 500 MVA, 7.2 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	34,537.89	2,233.67
		<i>For Weatherproofing, Add</i>	7,293.55	
26 13 16 00-0013		13.8 KV Switchgear Sections, With Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0014	EA	1,200 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	19,308.13	1,489.11
		<i>For Weatherproofing, Add</i>	4,031.71	
26 13 16 00-0015	EA	1,200 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	26,564.93	1,489.11
		<i>For Weatherproofing, Add</i>	5,592.50	
26 13 16 00-0016	EA	1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	38,778.40	1,985.49
		<i>For Weatherproofing, Add</i>	8,238.77	
26 13 16 00-0017	EA	2,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	24,291.41	1,985.49
		<i>For Weatherproofing, Add</i>	5,068.35	
26 13 16 00-0018	EA	2,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	35,241.44	2,481.86
		<i>For Weatherproofing, Add</i>	7,441.77	
26 13 16 00-0019	EA	2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section	49,284.46	2,481.86
		<i>For Weatherproofing, Add</i>	10,493.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0020 EA 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	33,938.42 7,144.73	2,481.86
26 13 16 00-0021 EA 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	47,027.41 9,988.56	2,481.86
26 13 16 00-0022 EA 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, With Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	60,930.16 13,013.35	2,481.86
26 13 16 00-0023 4.16 Or 4.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0024 EA 1,200 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	6,040.43 1,214.90	812.80
26 13 16 00-0025 EA 1,200 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	7,837.01 1,610.15	812.80
26 13 16 00-0026 EA 2,000 Amperes, 250 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	8,511.39 1,721.70	1,079.61
26 13 16 00-0027 EA 2,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	10,547.08 2,133.55	1,334.00
26 13 16 00-0028 EA 3,000 Amperes, 350 MVA, 4.16 Or 4.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	14,183.21 2,933.50	1,334.00
26 13 16 00-0029 7.2 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0030 EA 1,200 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	7,635.92 1,550.06	1,240.93
26 13 16 00-0031 EA 2,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	9,989.54 2,031.29	1,240.93
26 13 16 00-0032 EA 3,000 Amperes, 500 MVA, 7.2 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	15,216.86 3,145.23	1,240.93
26 13 16 00-0033 13.8 KV Switchgear Section, Without Air Circuit Breaker, Secondary Distribution Section <small>(26 13 16 00-0001)</small>		
26 13 16 00-0034 EA 1,200 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	7,880.73 1,586.78	1,054.79
26 13 16 00-0035 EA 1,200 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	8,400.68 1,701.17	1,054.79
26 13 16 00-0036 EA 1,200 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	12,024.60 2,462.15	1,302.97
26 13 16 00-0037 EA 2,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	10,745.94 2,144.75	1,563.57
26 13 16 00-0038 EA 2,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	13,196.17 2,683.80	1,563.57
26 13 16 00-0039 EA 2,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	15,175.10 3,082.28	1,824.17
26 13 16 00-0040 EA 3,000 Amperes, 500 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	14,240.72 2,840.48	2,084.75
26 13 16 00-0041 EA 3,000 Amperes, 750 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	15,919.69 3,209.86	2,084.75
26 13 16 00-0042 EA 3,000 Amperes, 1,000 MVA, 13.8 KV Switchgear, Without Air Circuit Breaker, Secondary Distribution Section <i>For Weatherproofing, Add</i>	19,598.61 3,982.66	2,332.95
26 13 16 00-0043 Accessories For Substation Secondary Distribution Sections <small>(26 13 16 00-0001)</small>		
26 13 16 00-0044 EA 1,200 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,854.14 471.84	786.38
26 13 16 00-0045 EA 2,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,810.00 523.60	872.62
26 13 16 00-0046 EA 3,000 Amperes, Transformer Throat Connection Accessories, Secondary Distribution Section <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,271.88 629.91	1,049.82
26 13 16 00-0047 EA 3-Phase Pothead Termination Accessories, Secondary Distribution Section	4,033.62	1,578.83
26 13 16 00-0048 EA 5 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	4,728.75	99.24
26 13 16 00-0049 EA 5 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	6,315.74	99.24
26 13 16 00-0050 EA 5 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	11,564.50	99.24
26 13 16 00-0051 EA 15 KV, 15 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,088.64	99.24
26 13 16 00-0052 EA 15 KV, 30 KVA, Control Power Transformer Accessories, Secondary Distribution Section	9,921.72	99.24
26 13 16 00-0053 EA 15 KV, 75 KVA, Control Power Transformer Accessories, Secondary Distribution Section	13,505.08	99.24
26 13 16 00-0054 EA 6 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,142.82	99.24
26 13 16 00-0055 EA 9 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	2,421.77	99.24
26 13 16 00-0056 EA 15 KV, 3-Phase Lightning Arrester Accessories, Secondary Distribution Section	3,677.79	99.24
26 13 16 00-0057 EA Overcurrent Phase Protection, Time And Instantaneous Device 67	2,354.67	99.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.54	
26 13 16 00-0058 EA AC Ammeter With Switch	922.23	99.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.54	
26 13 16 00-0059 EA AC Voltmeter With Switch And Potential Transformer	922.23	99.24
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.54	

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 13 Medium-Voltage Switchgear**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 13 16 00-0060	EA	Indicating Wattmeter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,362.52 59.54	99.24
26 13 16 00-0061	EA	Indicating Varmeter..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,606.78 59.54	99.24
26 13 16 00-0062	EA	Indicating Watt-hour Meter, 2 Element..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,009.68 59.54	99.24
26 13 16 00-0063	EA	Ground Protection, Time Or Instantaneous Device 67N..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,727.14 59.54	99.24
26 13 16 00-0064	EA	Differential Generator Protection Single Phase NEMA Device 87.....	4,470.91	99.24
26 13 16 00-0065	EA	Current Transformers 5 And 15 KV Single Secondary.....	625.94	99.24
26 13 16 00-0066	EA	Potential Transformers 5 KV And 15 KV With Primary Fuses.....	2,984.19	99.24
26 13 19 Medium-Voltage Vacuum Interrupter Switchgear (26 13)				
26 13 19 00-0001		Vacuum Circuit Breakers 13.8 KV (26 13 19)		
26 13 19 00-0002	EA	1,200 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	48,313.90	1,551.16
26 13 19 00-0003	EA	1,200 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	53,362.20	1,960.66
26 13 19 00-0004	EA	1,200 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	60,588.29	1,960.66
26 13 19 00-0005	EA	2,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	55,354.45	1,551.16
26 13 19 00-0006	EA	2,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	62,252.89	1,551.16
26 13 19 00-0007	EA	2,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	70,958.98	1,824.17
26 13 19 00-0008	EA	3,000 Amperes, 500 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	73,233.83	2,084.75
26 13 19 00-0009	EA	3,000 Amperes, 750 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	80,167.31	2,084.75
26 13 19 00-0010	EA	3,000 Amperes, 1,000 MVA, Vacuum Circuit Breaker, 13.8 KV Substation, Secondary Distribution Section.....	87,601.76	2,345.35
26 13 29 Medium-Voltage Compartmentalized Switchgear (26 13)				
26 13 29 00-0001		Substation Secondary Distribution Section (26 13 29) Note: Low voltage drawout switchgear 277/480 volt, 3 phase 4 wire.		
26 13 29 00-0002		Switchgear Compartment Complete With Air Circuit Breaker (26 13 29 00-0001) Note: With solid state long - time and instantaneous trips.		
26 13 29 00-0003	EA	800 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-206.....	15,382.74	977.27
26 13 29 00-0004	EA	1,600 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-416.....	24,303.09	1,477.54
26 13 29 00-0005	EA	2,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-420.....	32,905.40	1,814.93
26 13 29 00-0006	EA	3,200 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-632.....	54,659.41	2,105.78
26 13 29 00-0007	EA	4,000 Amperes, 277/480 Volt Switchgear, With Air Circuit Breaker, Manual DS-840.....	70,255.08	2,396.63
26 13 29 00-0008		Switchgear Compartment Without Circuit Breaker (26 13 29 00-0001)		
26 13 29 00-0009	EA	800 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	6,809.53	296.67
26 13 29 00-0010	EA	1,600 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	7,868.48	296.67
26 13 29 00-0011	EA	2,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	10,294.36	436.29
26 13 29 00-0012	EA	3,200 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	14,714.77	436.29
26 13 29 00-0013	EA	4,000 Amperes, 277/480 Volt Switchgear, Without Air Circuit Breaker, Secondary Distribution Section.....	24,569.67	639.88
26 13 29 00-0014		Switchgear Compartment, Blank, Use As Filler Or Metering (26 13 29 00-0001) Note: No provisions for future breaker.		
26 13 29 00-0015	EA	600 To 2,000 Amperes, Blank Section Filler, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,744.73 189.59	331.57
26 13 29 00-0016	EA	3,000 Amperes, Blank Section Filler, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,744.26 222.57	331.57
26 13 29 00-0017	EA	4,000 Amperes, Blank Section Filler, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,611.35 319.94	511.90
26 13 29 00-0018		Accessories For Substation Secondary Distribution (26 13 29 00-0001)		
26 13 29 00-0019	EA	Short Time Delay Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,354.45 59.54	
26 13 29 00-0020	EA	Key Interlock Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,356.26 59.54	
26 13 29 00-0021	EA	Ammeter And Switch Complete Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,946.25 59.54	99.24
26 13 29 00-0022	EA	Voltmeter And Switch Complete Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,946.25 59.54	99.24
26 13 29 00-0023	EA	Wattmeter - Complete Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,524.66 59.54	99.24
26 13 29 00-0024	EA	Watt-hour Meter - Complete Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,856.42 59.54	99.24
26 13 29 00-0025	EA	Circuit Breaker Lifting Device Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,067.42 67.89	113.19
26 13 29 00-0026	EA	Weatherproofing, Per Vertical Section Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,651.03 1,005.82	1,676.35
26 13 29 00-0027	EA	Current Transformer, Single Section 5 To 800 Single Secondary 5 To 800.....	4,881.79	99.24
26 13 29 00-0028	EA	Potential Transformers Each With Fuses Accessories, Secondary Distribution Section.....	5,758.61	99.24
26 13 29 00-0029	EA	Shunt Trip And Auxiliary Switch Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,081.25 29.77	49.62
26 13 29 00-0030	EA	3 Current Limiting Fuses 15 KV Accessories, Secondary Distribution Section..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,721.80 59.54	99.24
26 13 29 00-0031	EA	3 Phase Surge Capacitors 15 KV Accessories, Secondary Distribution Section.....	2,930.58	49.62

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 18 Medium-Voltage Circuit Protection Devices (26 10)

26 18 36 Medium-Voltage Enclosed Fuses (26 18)

26 18 36 00-0001	Sectionalizing Switch <small>(26 18 36)</small>		
26 18 36 00-0002	Pad Mounted Metal Enclosed Oil Filled Switching Units <small>(26 18 36 00-0001)</small> Note: 15 KV - 25 KV.		
26 18 36 00-0003	Sectionalizing Tapping And Fusing Underground Feeders <small>(26 18 36 00-0002)</small> Note: 200 Amp replaceable bushing wells recessed locking assembly oil level and oil fill plugs.		
26 18 36 00-0004	EA 3 Phase, 1 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	72,053.09	836.69
26 18 36 00-0005	EA 3 Phase, 2 Switch Up And 2 Switch Downstream Tapping And Fusing Underground.....	81,072.21	836.69

26 19 High-Voltage Circuit Protection (26 10)

26 19 18 Protection Devices (26 19)

26 19 18 00-0001	Primary Fuse Cutouts <small>(26 19 18)</small> Note: Interrupting rating RMS, amperes - 25,000 symmetric and 40,000 asymmetric.		
26 19 18 00-0002	Non-Loadbreak Current Limiting Primary Fuse Cutouts <small>(26 19 18 00-0001)</small> Note: Includes the fuse and cut-out switch.		
26 19 18 00-0003	8.3 KV-95 KV-BIL Non-Loadbreak Current Limiting <small>(26 19 18 00-0002)</small>		
26 19 18 00-0004	EA 15 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	709.87 148.91	310.23
26 19 18 00-0005	EA 25 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	833.96 186.14	310.23
26 19 18 00-0006	EA 40 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	957.64 223.24	310.23
26 19 18 00-0007	EA 100 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	977.98 223.37	310.23
26 19 18 00-0008	EA 200 A Primary Fuse Cutout 8.3 KV - 95 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	977.98 223.37	310.23
26 19 18 00-0009	17.1 KV-95 KV-BIL Non-Loadbreak Current Limiting <small>(26 19 18 00-0002)</small>		
26 19 18 00-0010	EA 15 A Primary Fuse Cutout 17.1 KV - 95 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	709.87 148.91	248.18
26 19 18 00-0011	17.1 KV-125 KV-BIL Non-Loadbreak Current Limiting <small>(26 19 18 00-0002)</small>		
26 19 18 00-0012	EA 15 A Primary Fuse Cutout 17.1 KV - 125 KV Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	736.80 148.91	248.18
26 19 18 00-0013	Fuseholders <small>(26 19 18 00-0002)</small> Note: Including current limiting fuse.		
26 19 18 00-0014	EA 15 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	596.39 148.91	310.23
26 19 18 00-0015	EA 25 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	720.48 186.14	310.23
26 19 18 00-0016	EA 40 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	844.16 223.24	310.23
26 19 18 00-0017	EA 100 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	605.71 148.91	310.23
26 19 18 00-0018	EA 200 A 8.3 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	729.80 186.14	310.23
26 19 18 00-0019	EA 15 A 17.1 KV Primary Fuseholder With Fuse Non-Loadbreak Current Limiting <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	596.39 148.91	248.18
26 19 18 00-0020	Accessories <small>(26 19 18 00-0002)</small>		
26 19 18 00-0021	EA Hot Line Clamp..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.83 18.62	27.92
26 19 18 00-0022	EA Stirrup.....	98.38	27.92
26 19 18 00-0023	Loadbreak Current Limiting Primary Fuse Cutouts <small>(26 19 18 00-0001)</small> Note: Includes fuse, cutout switch, crossarm mounting bracket and fuse holder.		
26 19 18 00-0024	8.3 KV-95 KV BIL Loadbreak Current Limiting <small>(26 19 18 00-0023)</small>		
26 19 18 00-0025	EA 15 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	919.53 148.91	310.23
26 19 18 00-0026	EA 25 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,043.62 186.14	310.23
26 19 18 00-0027	EA 40 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,167.30 223.24	310.23
26 19 18 00-0028	EA 100 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,207.17 223.37	310.23
26 19 18 00-0029	EA 200 A Primary Fuse Cutout 8.3 KV - 95 KV Loadbreak Current Limiting..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,207.17 223.37	310.23

26 Electrical**26 10 Medium-Voltage Electrical Distribution****26 19 High-Voltage Circuit Protection**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 19 18 00-0030		17.1 KV-95 KV BIL Loadbreak Current Limiting (26 19 18 00-0023)			
26 19 18 00-0031	EA	15 A Primary Fuse Cutout 17.1 KV - 95 KV Loadbreak Current Limiting.....	919.53		248.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.91		
26 19 18 00-0032		17.1 KV-125 KV BIL Loadbreak Current Limiting (26 19 18 00-0023)			
26 19 18 00-0033	EA	15 A Primary Fuse Cutout 17.1 KV - 125 KV Loadbreak Current Limiting.....	919.53		248.18
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.91		
26 19 18 00-0034		Fuseholders (26 19 18 00-0023)			
		Note: Includes current limiting fuses.			
26 19 18 00-0035	EA	15 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	606.01		310.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.91		
26 19 18 00-0036	EA	25 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	730.10		310.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	186.14		
26 19 18 00-0037	EA	40 Amperes, 8.3 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	853.78		310.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	223.24		
26 19 18 00-0038	EA	15 Amperes, 17.1 KV Primary Fuseholder With Fuse Loadbreak Current Limiting	606.01		310.23
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.91		
26 19 18 00-0039		Pole Mounted Capacitors (26 19 18 00-0023)			
26 19 18 00-0040	EA	Capacitors - Pole Mounted 6 KVAR.....	1,695.31		250.17
26 19 80		Transmission and Distribution Accessories (26 19)			
26 19 80 60		Structure Assemblies (26 19 80)			
26 19 80 60-0001		Pole Structure Assemblies (26 19 80 60)			
26 19 80 60-0002		5 KV Pole Structure Assemblies (26 19 80 60-0001)			
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.			
26 19 80 60-0003	EA	Type OH-1, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	510.59		235.78
26 19 80 60-0004	EA	Type OH-2, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	852.79		397.10
26 19 80 60-0005	EA	Type OH-3, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	997.30		310.23
26 19 80 60-0006	EA	Type OH-4, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	573.82		161.32
26 19 80 60-0007	EA	Type OH-5, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	724.00		223.37
26 19 80 60-0008	EA	Type OH-6, Single Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,255.68		446.73
26 19 80 60-0009	EA	Type OH-7, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	988.47		335.05
26 19 80 60-0010	EA	Type OH-8, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,794.03		670.10
26 19 80 60-0011	EA	Type OH-9, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,040.90		756.96
26 19 80 60-0012	EA	Type OH-10, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,121.37		372.28
26 19 80 60-0013	EA	Type OH-11, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	937.42		397.10
26 19 80 60-0014	EA	Type OH-12, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,749.16		806.61
26 19 80 60-0015	EA	Type OH-13, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,357.21		483.96
26 19 80 60-0016	EA	Type OH-14, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	839.44		347.46
26 19 80 60-0017	EA	Type OH-15, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,566.61		707.33
26 19 80 60-0018	EA	Type OH-16, Three Phase, 5 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,254.90		359.87
26 19 80 60-0019		15 KV Pole Structure Assemblies (26 19 80 60-0001)			
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.			
26 19 80 60-0020	EA	Type OH-1, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	537.52		235.78
26 19 80 60-0021	EA	Type OH-2, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	891.26		397.10
26 19 80 60-0022	EA	Type OH-3, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,128.09		310.23
26 19 80 60-0023	EA	Type OH-4, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	619.98		161.32
26 19 80 60-0024	EA	Type OH-5, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	789.40		210.95
26 19 80 60-0025	EA	Type OH-6, Single Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,386.47		446.73
26 19 80 60-0026	EA	Type OH-7, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,084.64		335.05
26 19 80 60-0027	EA	Type OH-8, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,990.22		670.10
26 19 80 60-0028	EA	Type OH-9, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,306.34		756.96
26 19 80 60-0029	EA	Type OH-10, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,252.16		372.28
26 19 80 60-0030	EA	Type OH-11, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	987.43		397.10
26 19 80 60-0031	EA	Type OH-12, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,799.17		806.61
26 19 80 60-0032	EA	Type OH-13, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,457.23		483.96
26 19 80 60-0033	EA	Type OH-14, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	889.45		335.05
26 19 80 60-0034	EA	Type OH-15, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,616.62		707.33
26 19 80 60-0035	EA	Type OH-16, Three Phase, 15 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,354.92		434.32
26 19 80 60-0036		25 KV Pole Structure Assemblies (26 19 80 60-0001)			
		Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.			
26 19 80 60-0037	EA	Type OH-3, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,709.94		372.28
26 19 80 60-0038	EA	Type OH-4, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,055.03		186.14
26 19 80 60-0039	EA	Type OH-5, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,528.15		285.41
26 19 80 60-0040	EA	Type OH-6, Single Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,968.82		583.24
26 19 80 60-0041	EA	Type OH-7, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,902.17		434.32
26 19 80 60-0042	EA	Type OH-8, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	3,036.44		856.24
26 19 80 60-0043	EA	Type OH-9, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,866.98		967.93
26 19 80 60-0044	EA	Type OH-13, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	2,030.37		564.62
26 19 80 60-0045	EA	Type OH-16, Three Phase, 25 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer.....	1,759.96		564.62

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 19 80 60-0046 50 KV Pole Structure Assemblies <small>(26 19 80 60-0001)</small>		
<i>Note: Includes insulator with pin, bayonet, bolts, washers, and neutral wire brackets.</i>		
26 19 80 60-0047 EA Type OH-3, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,297.03	508.78
26 19 80 60-0048 EA Type OH-4, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,253.97	260.60
26 19 80 60-0049 EA Type OH-5, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	1,569.74	409.50
26 19 80 60-0050 EA Type OH-6, Single Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,939.43	831.42
26 19 80 60-0051 EA Type OH-7, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,256.51	620.46
26 19 80 60-0052 EA Type OH-8, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	4,324.52	1,240.93
26 19 80 60-0053 EA Type OH-9, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	5,134.99	1,377.43
26 19 80 60-0054 EA Type OH-10, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,624.96	670.10
26 19 80 60-0055 EA Type OH-13, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,624.44	775.58
26 19 80 60-0056 EA Type OH-16, Three Phase, 50 KV, Pole Assembly Insulation With Pin, Bayonet, Bolts, Washer	2,533.19	732.15
26 19 80 60-0057 Overhead To Underground Conversion Structures <small>(26 19 80 60)</small>		
<i>Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination and neutral wire brackets. Excludes pole.</i>		
26 19 80 60-0058 5 KV Structures <small>(26 19 80 60-0057)</small>		
<i>Note: Excludes pole.</i>		
26 19 80 60-0059 EA (3 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,351.07	2,481.86
26 19 80 60-0060 EA (3 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,351.07	2,481.86
26 19 80 60-0061 EA (4 Wire Tangent), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,351.07	2,481.86
26 19 80 60-0062 EA (4 Wire Dead End), 5 KV, Overhead To Underground Conversion Structures, Without Poles	5,351.07	2,481.86
26 19 80 60-0063 15 KV Structures <small>(26 19 80 60-0057)</small>		
<i>Note: Excludes pole.</i>		
26 19 80 60-0064 EA (3 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,532.08	2,481.86
26 19 80 60-0065 EA (3 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,532.08	2,481.86
26 19 80 60-0066 EA (4 Wire Tangent), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,532.08	2,481.86
26 19 80 60-0067 EA (4 Wire Dead End), 15 KV, Overhead To Underground Conversion Structures, Without Poles	5,532.08	2,481.86
26 19 80 60-0068 25 KV Structures <small>(26 19 80 60-0057)</small>		
<i>Note: Excludes pole.</i>		
26 19 80 60-0069 EA (3 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,729.54	2,481.86
26 19 80 60-0070 EA (3 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,729.54	2,481.86
26 19 80 60-0071 EA (4 Wire Tangent), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,729.54	2,481.86
26 19 80 60-0072 EA (4 Wire Dead End), 25 KV, Overhead To Underground Conversion Structures, Without Poles	5,729.54	2,481.86
26 19 80 60-0073 Transformer Stations <small>(26 19 80 60)</small>		
<i>Note: Includes insulator with pin, bolts, washers, crossarms, fused cut out, arrestors, ground rods, clamps, conduit, molding, cable termination, neutral wire brackets and transformer mounting bracket(s). Excludes pole and transformer.</i>		
26 19 80 60-0074 5 KV Station <small>(26 19 80 60-0073)</small>		
26 19 80 60-0075 EA (Single Transformer, 1 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	8,727.87	3,308.31
26 19 80 60-0076 EA (Double Transformer, 1 Phase, 3 Wire Tangent), 5 KV Transformer Station Without Pole	9,780.70	3,722.78
26 19 80 60-0077 EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 5 KV Transformer Station Without Pole	10,833.54	4,136.01
26 19 80 60-0078 EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 5 KV Transformer Station Without Pole	10,833.54	4,136.01
26 19 80 60-0079 EA (Single Transformer, 1 Phase, 2 Wire Tangent), 5 KV Transformer Station Without Pole	8,727.87	3,308.31
26 19 80 60-0080 15 KV Stations <small>(26 19 80 60-0073)</small>		
26 19 80 60-0081 EA (Single Transformer, 1 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	9,007.64	3,307.38
26 19 80 60-0082 EA (Double Transformer, 1 Phase, 3 Wire Tangent), 15 KV Transformer Station Without Pole	10,060.47	3,722.78
26 19 80 60-0083 EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 15 KV Transformer Station Without Pole	11,113.31	4,136.01
26 19 80 60-0084 EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 15 KV Transformer Station Without Pole	11,113.31	4,136.01
26 19 80 60-0085 EA (Single Transformer, 1 Phase, 2 Wire Tangent), 15 KV Transformer Station Without Pole	9,007.64	3,308.31
26 19 80 60-0086 25 KV Stations <small>(26 19 80 60-0073)</small>		
26 19 80 60-0087 EA (Single Transformer, 1 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	9,312.84	3,308.31
26 19 80 60-0088 EA (Double Transformer, 1 Phase, 3 Wire Tangent), 25 KV Transformer Station Without Pole	10,365.67	3,722.78
26 19 80 60-0089 EA (Triple Transformer, 3 Phase, 4 Wire Tangent), 25 KV Transformer Station Without Pole	11,418.51	4,136.01
26 19 80 60-0090 EA (Triple Transformer, 3 Phase, 4 Wire Dead End), 25 KV Transformer Station Without Pole	11,418.51	4,136.01
26 19 80 60-0091 EA (Single Transformer, 1 Phase, 2 Wire Tangent), 25 KV Transformer Station Without Pole	9,312.84	3,308.31

26 20 Low-Voltage Electrical Distribution (26)

26 21 Low-Voltage Electrical Service Entrance (26 20)

See CSI section 26 05 13 00-0000 for wire and cables.

26 21 13 Low-Voltage Overhead Electrical Service Entrance (26 21)

26 21 13 00-0001 Service Drop Cable And Weatherheads (26 21 13)

26 21 13 00-0002 600 Volt Insulated Stranded Conductors (26 21 13 00-0001)

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 21 Low-Voltage Electrical Service Entrance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 21 13 00-0003		Aluminum Duplex ACSR Neutral <small>(26 21 13 00-0002)</small>			
26 21 13 00-0004	LF	#6 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	8.82		2.95
26 21 13 00-0005	LF	#4 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	10.92		3.50
26 21 13 00-0006	LF	#2 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	13.66		3.94
26 21 13 00-0007	LF	1/0 AWG, 600 Volt, Aluminum Duplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	19.45		4.96
26 21 13 00-0008		Aluminum Triplex ACSR Neutral <small>(26 21 13 00-0002)</small>			
26 21 13 00-0009	LF	#6 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	11.26		3.50
26 21 13 00-0010	LF	#4 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	13.22		3.94
26 21 13 00-0011	LF	#2 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	16.95		4.96
26 21 13 00-0012	LF	1/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	22.03		6.05
26 21 13 00-0013	LF	2/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	28.26		8.00
26 21 13 00-0014	LF	4/0 AWG, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	37.30		9.93
26 21 13 00-0015	LF	336 MCM, 600 Volt, Aluminum Triplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	56.12		11.82
26 21 13 00-0016		Aluminum Quadruplex ACSR Neutral <small>(26 21 13 00-0002)</small>			
26 21 13 00-0017	LF	#6 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	13.30		3.94
26 21 13 00-0018	LF	#4 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	16.94		4.96
26 21 13 00-0019	LF	#2 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	22.08		6.36
26 21 13 00-0020	LF	1/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	30.23		8.00
26 21 13 00-0021	LF	2/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	33.88		8.86
26 21 13 00-0022	LF	3/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	40.59		9.93
26 21 13 00-0023	LF	4/0 AWG, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	47.12		11.82
26 21 13 00-0024	LF	336 MCM, 600 Volt, Aluminum Quadruplex ACSR With Neutral Cable Service Drop, Stranded Cable.....	66.32		13.06
26 21 13 00-0025		Weatherproof Conduit Hubs <small>(26 21 13 00-0002)</small>			
26 21 13 00-0026	EA	1/2" Weatherproof Conduit Hubs.....	50.62		19.12
26 21 13 00-0027	EA	3/4" Weatherproof Conduit Hubs.....	57.76		21.72
26 21 13 00-0028	EA	1" Weatherproof Conduit Hubs.....	67.32		24.33
26 21 13 00-0029	EA	1-1/4" Weatherproof Conduit Hubs.....	94.23		32.59
26 21 13 00-0030	EA	1-1/2" Weatherproof Conduit Hubs.....	103.78		35.20
26 21 13 00-0031	EA	2" Weatherproof Conduit Hubs.....	135.25		40.84
26 21 13 00-0032	EA	2-1/2" Weatherproof Conduit Hubs.....	179.50		46.05
26 21 13 00-0033	EA	3" Weatherproof Conduit Hubs.....	233.09		54.31
26 21 13 00-0034	EA	4" Weatherproof Conduit Hubs.....	409.76		108.63
26 21 13 00-0035		Service Entrance Cap, Threaded Weatherhead, Galvanized <small>(26 21 13 00-0002)</small>			
26 21 13 00-0036	EA	1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #14 Through #10 AWG Cable Service.....	57.11		19.12
26 21 13 00-0037	EA	3/4" Galvanized Threaded Service Entrance Weatherhead Cap For #12 Through #8 AWG Cable Service.....	65.54		21.72
26 21 13 00-0038	EA	1" Galvanized Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	75.17		24.33
26 21 13 00-0039	EA	1-1/4" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	101.03		32.59
26 21 13 00-0040	EA	1-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For #4 Through #2 AWG Cable Service.....	114.64		35.20
26 21 13 00-0041	EA	2" Galvanized Threaded Service Entrance Weatherhead Cap For 1/0 Through 2/0 AWG Cable Service.....	151.89		40.84
26 21 13 00-0042	EA	2-1/2" Galvanized Threaded Service Entrance Weatherhead Cap For 3/0 Through 4/0 Cable Service.....	260.82		46.05
26 21 13 00-0043	EA	3" Galvanized Threaded Service Entrance Weatherhead Cap For 250 Through 350 MCM Cable Service.....	296.47		54.31
26 21 13 00-0044	EA	4" Galvanized Threaded Service Entrance Weatherhead Cap For 600 Through 750 MCM Cable Service.....	482.95		108.63
26 21 13 00-0045		Service Entrance Cap, Clamp-On Weatherhead, Aluminum <small>(26 21 13 00-0002)</small>			
26 21 13 00-0046	EA	1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	55.08		19.12
26 21 13 00-0047	EA	3/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	62.12		21.72
26 21 13 00-0048	EA	1" Aluminum Clamp-On Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	70.54		24.22
26 21 13 00-0049	EA	1-1/4" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	93.72		32.59
26 21 13 00-0050	EA	1-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	104.77		35.20
26 21 13 00-0051	EA	2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	123.68		40.84
26 21 13 00-0052	EA	2-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	207.91		46.05
26 21 13 00-0053	EA	3" Aluminum Clamp-On Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	269.86		54.31
26 21 13 00-0054	EA	3-1/2" Aluminum Clamp-On Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service.....	378.77		81.47
26 21 13 00-0055	EA	4" Aluminum Clamp-On Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	451.28		108.63
26 21 13 00-0056		Service Entrance Cap, Threaded Weatherhead, Polyvinyl Chloride (PVC) <small>(26 21 13 00-0002)</small>			
26 21 13 00-0057	EA	1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #14 To #12 AWG Cable Service.....	53.13		19.12
26 21 13 00-0058	EA	3/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #10 To #8 AWG Cable Service.....	60.84		21.72
26 21 13 00-0059	EA	1" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #6 AWG Cable Service.....	69.23		24.22
26 21 13 00-0060	EA	1-1/4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	92.16		32.59
26 21 13 00-0061	EA	1-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For #4 To #2 AWG Cable Service.....	100.50		35.20
26 21 13 00-0062	EA	2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 1/0 To 2/0 AWG Cable Service.....	124.22		40.84
26 21 13 00-0063	EA	2-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 3/0 To 4/0 Cable Service.....	216.93		46.05
26 21 13 00-0064	EA	3" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 250 To 350 MCM Cable Service.....	241.97		54.31
26 21 13 00-0065	EA	3-1/2" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 400 To 500 MCM Cable Service.....	420.73		81.47
26 21 13 00-0066	EA	4" Polyvinyl Chloride (PVC) Threaded Service Entrance Weatherhead Cap For 600 To 750 MCM Cable Service.....	584.46		108.63
26 21 16		Low-Voltage Underground Electrical Service Entrance <small>(26 21)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 21 16 00-0001 Aluminum Triplex For Underground Service, Direct Burial <small>(26 21 16)</small>		
<i>Note: Excludes excavation and backfill.</i>		
26 21 16 00-0002 MLF #6 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	5,760.40	1,103.06
26 21 16 00-0003 MLF #4 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	6,910.90	1,167.97
26 21 16 00-0004 MLF #2 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	8,636.71	1,240.93
26 21 16 00-0005 MLF 1/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	11,008.26	1,240.93
26 21 16 00-0006 MLF 2/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	12,447.15	1,323.70
26 21 16 00-0007 MLF 3/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	14,940.00	1,527.34
26 21 16 00-0008 MLF 4/0 AWG, 600 Volt, Aluminum Triplex URD With Neutral Cable, Stranded Cable, Direct Burial	17,932.81	1,985.49
 26 22 Low-Voltage Transformers <small>(26 20)</small>		
26 22 13 Low-Voltage Distribution Transformers <small>(26 22)</small>		
26 22 13 00-0001 Single Phase General Purpose "Dry Type" Transformers <small>(26 22 13)</small>		
<i>Note: 60 Hz type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor Use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.</i>		
26 22 13 00-0002 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers <small>(26 22 13 00-0001)</small>		
<i>Note: 2-2.5 Percent taps above and 4-2.5 percent taps below.</i>		
26 22 13 00-0003 EA 1 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,181.69	279.70
26 22 13 00-0004 EA 3 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	1,618.65	335.65
26 22 13 00-0005 EA 5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	2,054.07	350.20
26 22 13 00-0006 EA 7.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	2,493.37	363.62
26 22 13 00-0007 EA 10 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	3,551.55	391.59
26 22 13 00-0008 EA 15 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	4,237.56	419.56
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0009 EA 25 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	4,646.07	447.53
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0010 EA 37.5 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	4,503.65	503.47
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0011 EA 50 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	5,373.66	559.41
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0012 EA 75 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	7,110.08	671.30
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0013 EA 100 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	9,025.74	783.18
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0014 EA 167 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	14,386.67	1,006.95
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0015 EA 250 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	25,933.78	1,230.71
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
26 22 13 00-0016 EA 333 KVA, 480 Volt - 120/240 Volt Transformer, Dry, 1 Phase, 60 Hertz, General Purpose.....	40,666.26	1,398.53
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>		
 26 22 13 00-0017 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers <small>(26 22 13 00-0001)</small>		
<i>Note: 1-10 Percent x 2-5 percent FCBN taps.</i>		
26 22 13 00-0018 EA 3 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,329.05	335.65
26 22 13 00-0019 EA 5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,590.01	349.64
26 22 13 00-0020 EA 7.5 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	1,974.63	363.62
26 22 13 00-0021 EA 10 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	2,331.70	391.59
 26 22 13 00-0022 240 x 480 Volt, 120/240 Volt, General Purpose Dry Type Transformers <small>(26 22 13 00-0001)</small>		
<i>Note: 2-5 Percent x 4 - 2.5 percent FCBN taps.</i>		
26 22 13 00-0023 EA 15 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,237.55	419.56
26 22 13 00-0024 EA 25 KVA, 240 x 480 Volt - 120/240 Volt Transformer, 1 Phase, 60 Hertz, General Purpose, Dry	4,646.07	447.53
 26 22 13 00-0025 1 Phase Mounting Brackets <small>(26 22 13 00-0001)</small>		
26 22 13 00-0026 EA 1 Phase Mounting Brackets (Set Of 2) For Transformers Up To 100 KVA.....	570.81	198.47
 26 22 13 00-0027 1 Phase Weathershields <small>(26 22 13 00-0001)</small>		
<i>Note: Use with types DT-3 and DS-3.</i>		
26 22 13 00-0028 EA 37.5 KVA 1 Phase Weathershields, Set Of 2.....	122.42	
26 22 13 00-0029 EA 50 KVA 1 Phase Weathershields, Set Of 2.....	156.05	
26 22 13 00-0030 EA 75 KVA 1 Phase Weathershields, Set Of 2.....	186.08	
26 22 13 00-0031 EA 100 KVA 1 Phase Weathershields, Set Of 2.....	221.99	
26 22 13 00-0032 EA 167 KVA 1 Phase Weathershields, Set Of 2.....	300.34	
26 22 13 00-0033 EA 250 KVA 1 Phase Weathershields, Set Of 2.....	359.10	
26 22 13 00-0034 EA 333 KVA 1 Phase Weathershields, Set Of 2.....	440.72	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0035			Packaged Power Supply (26 22 13 00-0001) Note: 2-5 Percent FCBN taps.		
26 22 13 00-0036	EA		5 KVA, 480 Volt - 120/240 Volt, Transformer With 6 - 1 Pole / 3 - 2 Pole Max 20 Amperes Breakers.....	2,499.07	349.64
26 22 13 00-0037	EA		7.5 KVA, 480 Volt - 120/240 Volt, Transformer With 8 - 1 Pole / 4 - 2 Pole Max 30 Amperes Breakers.....	2,831.71	363.62
26 22 13 00-0038	EA		10 KVA, 480 Volt - 120/240 Volt, Transformer With 10 - 1 Pole / 5 - 2 Pole Max 40 Amperes Breakers.....	3,069.14	391.59
26 22 13 00-0039	EA		15 KVA, 480 Volt - 120/240 Volt, Transformer With 16 - 1 Pole / 8 - 2 Pole Max 60 Amperes Breakers.....	3,806.04	419.56
26 22 13 00-0040	EA		25 KVA, 480 Volt - 120/240 Volt, Transformer With 24 - 1 Pole / 12 - 2 Pole Max 100 Amperes Breakers.....	5,320.47	447.53
26 22 13 00-0041			240 Volt, 120/240 Volt, Single Phase Isolation Transformer Computer Grade (26 22 13 00-0001)		
26 22 13 00-0042	EA		0.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	1,858.27	251.74
26 22 13 00-0043	EA		1 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	2,665.07	279.70
26 22 13 00-0044	EA		2.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	3,103.42	335.65
26 22 13 00-0045	EA		5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	3,441.52	349.64
26 22 13 00-0046	EA		7.5 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	3,893.88	363.62
26 22 13 00-0047	EA		10 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	5,059.79	391.59
26 22 13 00-0048	EA		15 KVA, 1 Phase, 240 Volt - 120/240 Volt, Isolation Transformer.....	6,610.91	419.56
26 22 13 00-0049			1 Phase, 208/600 Volt, Dry General Purpose Transformer (26 22 13 00-0001)		
26 22 13 00-0050	EA		15 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	8,185.56	419.56
26 22 13 00-0051	EA		25 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	8,484.99	447.53
26 22 13 00-0052	EA		30 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	8,810.34	475.50
26 22 13 00-0053	EA		37.5 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	11,683.99	503.47
26 22 13 00-0054	EA		45 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	12,137.70	531.44
26 22 13 00-0055	EA		50 KVA, 208/600 Volt, Transformer, 1 Phase, 60 Hertz, General Purpose, Dry.....	16,255.64	559.41
26 22 13 00-0056			3 Phase General Purpose "Dry Type" Transformer (26 22 13) Note: 60 HZ type EP and EPT 115 C rise, 185 C insulation, type DT-3 and DS-3 150 C rise, 220 C insulation. Indoor use. Wall mounted for up to 10 KVA, floor mounted for 15 KVA and larger. DT-3 and DS-3 use weathershields for outdoor placement. UL listed.		
26 22 13 00-0057			Packaged Power Supply (26 22 13 00-0056) Note: 2-5 Percent FCBN taps.		
26 22 13 00-0058	EA		15 KVA, 480 Volt - 208/120 Volt, Transformer With 12 - 1 Pole / 4 - 3 Pole Max, 40 Amperes Breakers.....	11,032.29	1,202.74
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	647.01	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	431.34	
26 22 13 00-0059	EA		22.5 KVA, 480 Volt - 208/120 Volt, Transformer With 18 - 1 Pole / 6 - 3 Pole Max, 60 Amperes Breakers.....	13,263.78	1,286.65
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	801.79	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	534.52	
26 22 13 00-0060	EA		30 KVA, 480 Volt - 208/120 Volt, Transformer With 24 - 1 Pole / 8 - 3 Pole Max, 80 Amperes Breakers.....	15,914.13	1,398.53
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	983.78	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	655.85	
26 22 13 00-0061			Drive Isolation Transformers (26 22 13 00-0056) Note: Only use in step-up applications.		
26 22 13 00-0062			230 Volt Drive Isolation Transformers (26 22 13 00-0061)		
26 22 13 00-0063	EA		7.5 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	8,530.37	447.53
26 22 13 00-0064	EA		11 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	10,014.36	475.50
26 22 13 00-0065	EA		15 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	10,355.92	503.47
26 22 13 00-0066	EA		20 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	12,266.42	531.44
26 22 13 00-0067	EA		27 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	12,671.53	587.39
26 22 13 00-0068	EA		34 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	13,933.47	643.32
26 22 13 00-0069	EA		40 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	15,774.24	699.27
26 22 13 00-0070	EA		51 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	18,375.47	783.18
26 22 13 00-0071	EA		63 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	19,912.78	811.15
26 22 13 00-0072	EA		75 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	23,057.12	839.12
26 22 13 00-0073	EA		93 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	29,141.33	867.09
26 22 13 00-0074	EA		118 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	32,651.80	1,062.88
26 22 13 00-0075	EA		145 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	36,468.99	1,118.83
26 22 13 00-0076	EA		175 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	41,855.14	1,174.77
26 22 13 00-0077	EA		220 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	51,080.43	1,398.53
26 22 13 00-0078	EA		275 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	67,821.79	1,650.27
26 22 13 00-0079	EA		330 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	71,531.45	1,818.10
26 22 13 00-0080	EA		440 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	87,258.41	2,013.89
26 22 13 00-0081	EA		550 KVA, 230 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	107,881.44	2,237.66
26 22 13 00-0082			208V Drive Isolation Transformers (26 22 13 00-0061)		
26 22 13 00-0083	EA		7.5 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	8,919.01	447.53
26 22 13 00-0084	EA		11 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	10,475.69	475.50
26 22 13 00-0085	EA		15 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	10,831.79	503.47
26 22 13 00-0086	EA		20 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	12,836.68	531.44
26 22 13 00-0087	EA		27 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	13,256.72	587.39
26 22 13 00-0088	EA		30 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	14,521.25	615.35
26 22 13 00-0089	EA		45 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	16,561.92	727.23
26 22 13 00-0090	EA		51 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	19,231.05	783.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0091 EA 63 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	20,843.77	811.15
26 22 13 00-0092 EA 75 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	24,145.30	839.12
26 22 13 00-0093 EA 93 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	30,536.36	867.09
26 22 13 00-0094 EA 118 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	34,205.57	1,062.88
26 22 13 00-0095 EA 145 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	38,211.37	1,118.83
26 22 13 00-0096 EA 175 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	43,865.98	1,174.77
26 22 13 00-0097 EA 220 KVA, 208 Volt, 3 Phase, Delta Primary: 460/266 Volt, 3 Phase, Secondary, Drive Isolation Transformers.....	53,538.05	1,398.53
26 22 13 00-0098 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22 13 00-0099 EA 9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	5,898.13	461.52
26 22 13 00-0100 EA 15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	7,833.38	503.47
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	511.98	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	341.32	
26 22 13 00-0101 480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 4-2.5 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22 13 00-0102 EA 30 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	8,729.36	615.35
<i>For K13 Factor Rating, Add</i>	7,498.65	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	374.93	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	562.40	
<i>For K20 Factor Rating, Add</i>	9,748.25	
<i>For K4 Factor Rating, Add</i>	5,249.06	
26 22 13 00-0103 EA 37.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	10,611.35	671.30
<i>For K13 Factor Rating, Add</i>	9,268.75	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	463.44	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	695.16	
<i>For K20 Factor Rating, Add</i>	12,049.38	
<i>For K4 Factor Rating, Add</i>	6,488.13	
26 22 13 00-0104 EA 45 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	11,068.53	727.23
<i>For K13 Factor Rating, Add</i>	9,614.05	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	480.70	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	721.05	
<i>For K20 Factor Rating, Add</i>	12,498.27	
<i>For K4 Factor Rating, Add</i>	6,729.84	
26 22 13 00-0105 EA 50 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	14,706.63	783.18
<i>For K13 Factor Rating, Add</i>	13,140.27	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	657.01	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	985.52	
<i>For K20 Factor Rating, Add</i>	17,082.35	
<i>For K4 Factor Rating, Add</i>	9,198.19	
26 22 13 00-0106 EA 75 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	14,435.46	839.12
<i>For K13 Factor Rating, Add</i>	12,757.22	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	637.86	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	956.79	
<i>For K20 Factor Rating, Add</i>	16,584.39	
<i>For K4 Factor Rating, Add</i>	8,930.05	
26 22 13 00-0107 EA 112.5 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	18,006.55	1,006.95
<i>For K13 Factor Rating, Add</i>	15,992.66	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	799.63	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,199.45	
<i>For K20 Factor Rating, Add</i>	20,790.46	
<i>For K4 Factor Rating, Add</i>	11,194.86	
26 22 13 00-0108 EA 150 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	23,566.33	1,118.83
<i>For K13 Factor Rating, Add</i>	21,328.67	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,066.43	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,599.65	
<i>For K20 Factor Rating, Add</i>	27,727.27	
<i>For K4 Factor Rating, Add</i>	14,930.07	
26 22 13 00-0109 EA 225 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	32,266.62	1,398.53
<i>For K13 Factor Rating, Add</i>	29,469.55	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,473.48	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,210.22	
<i>For K20 Factor Rating, Add</i>	38,310.42	
<i>For K4 Factor Rating, Add</i>	20,628.69	
26 22 13 00-0110 EA 300 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	39,301.15	1,734.18
<i>For K13 Factor Rating, Add</i>	35,832.78	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,791.64	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,687.46	
<i>For K20 Factor Rating, Add</i>	46,582.61	
<i>For K4 Factor Rating, Add</i>	25,082.95	
26 22 13 00-0111 EA 500 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	56,722.85	2,125.78
<i>For K13 Factor Rating, Add</i>	52,471.30	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,623.57	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	3,935.35	
<i>For K20 Factor Rating, Add</i>	68,212.69	
<i>For K4 Factor Rating, Add</i>	36,729.91	
26 22 13 00-0112 EA 750 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	133,136.11	2,565.85
<i>For K13 Factor Rating, Add</i>	127,989.51	
<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	6,399.48	
<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	9,599.21	
<i>For K20 Factor Rating, Add</i>	166,386.36	
<i>For K4 Factor Rating, Add</i>	89,592.66	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0113	EA		1,000 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	175,995.55	2,797.07
			<i>For K13 Factor Rating, Add</i>	170,401.41	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	8,520.07	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	12,780.11	
			<i>For K20 Factor Rating, Add</i>	221,521.83	
			<i>For K4 Factor Rating, Add</i>	119,280.99	
26 22 13 00-0114			480 Volt x 208Y/120 Volt, 2-2.5 Percent FCAN And 2-2.5 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22 13 00-0115	EA		6 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	4,744.65	433.55
			<i>For K13 Factor Rating, Add</i>	3,877.56	
			<i>For K20 Factor Rating, Add</i>	5,040.83	
			<i>For K4 Factor Rating, Add</i>	2,714.29	
26 22 13 00-0116	EA		9 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	5,898.13	461.52
			<i>For K13 Factor Rating, Add</i>	4,975.09	
			<i>For K20 Factor Rating, Add</i>	6,467.62	
			<i>For K4 Factor Rating, Add</i>	3,482.56	
26 22 13 00-0117	EA		15 KVA, 480 x 208 Y / 120 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	7,833.38	503.47
			<i>For K13 Factor Rating, Add</i>	6,826.43	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	511.98	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	341.32	
			<i>For K20 Factor Rating, Add</i>	8,874.36	
			<i>For K4 Factor Rating, Add</i>	4,778.50	
26 22 13 00-0118			480 Volt x 480Y/277 Volt, 2-2.5 Percent FCAN And 4 Percent FCBN Taps <small>(26 22 13 00-0056)</small>		
26 22 13 00-0119	EA		30 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	15,504.70	615.35
			<i>For K20 Factor Rating, Add</i>	18,556.19	
			<i>For K4 Factor Rating, Add</i>	9,991.79	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,070.55	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	713.70	
			<i>For K13 Factor Rating, Add</i>	14,273.99	
26 22 13 00-0120	EA		45 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	17,338.59	727.23
			<i>For K20 Factor Rating, Add</i>	20,649.34	
			<i>For K4 Factor Rating, Add</i>	11,118.88	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,191.31	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	794.21	
			<i>For K13 Factor Rating, Add</i>	15,884.11	
26 22 13 00-0121	EA		75 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	25,836.08	839.12
			<i>For K20 Factor Rating, Add</i>	31,405.19	
			<i>For K4 Factor Rating, Add</i>	16,910.49	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,811.84	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,207.89	
			<i>For K13 Factor Rating, Add</i>	24,157.84	
26 22 13 00-0122	EA		112.5 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	32,485.57	1,006.95
			<i>For K20 Factor Rating, Add</i>	39,613.18	
			<i>For K4 Factor Rating, Add</i>	21,330.18	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,285.38	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,523.58	
			<i>For K13 Factor Rating, Add</i>	30,471.68	
26 22 13 00-0123	EA		150 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	39,228.22	1,118.83
			<i>For K20 Factor Rating, Add</i>	48,087.73	
			<i>For K4 Factor Rating, Add</i>	25,893.39	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,774.29	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	1,849.53	
			<i>For K13 Factor Rating, Add</i>	36,990.56	
26 22 13 00-0124	EA		225 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	50,322.76	1,398.53
			<i>For K20 Factor Rating, Add</i>	61,783.40	
			<i>For K4 Factor Rating, Add</i>	33,267.98	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	3,564.43	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,376.28	
			<i>For K13 Factor Rating, Add</i>	47,525.69	
26 22 13 00-0125	EA		300 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	61,149.28	1,734.18
			<i>For K20 Factor Rating, Add</i>	74,985.18	
			<i>For K4 Factor Rating, Add</i>	40,376.64	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	4,326.07	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	2,884.05	
			<i>For K13 Factor Rating, Add</i>	57,680.91	
26 22 13 00-0126	EA		500 KVA, 480 x 480 Y / 277 Volt, Transformer, 3 Phase, 60 Hertz, General Purpose, Dry.....	98,989.35	2,125.78
			<i>For K20 Factor Rating, Add</i>	123,159.14	
			<i>For K4 Factor Rating, Add</i>	66,316.46	
			<i>For Silicon Steel Core With High Magnetic Permeability And Low Loss, Add</i>	7,105.34	
			<i>For Stainless Steel Core With High Magnetic Permeability And Low Loss, Add</i>	4,736.89	
			<i>For K13 Factor Rating, Add</i>	94,737.80	
26 22 13 00-0127			3 Phase 60 Hz K20 Dry Type Transformers <small>(26 22 13 00-0056)</small>		
26 22 13 00-0128			3 Phase 60 Hz K20 Dry Type Transformers, 115 C Rise <small>(26 22 13 00-0127)</small>		
			Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.		
26 22 13 00-0129	EA		15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	7,284.61	503.47
26 22 13 00-0130	EA		30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	11,174.86	615.35
26 22 13 00-0131	EA		45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	16,596.85	727.23
26 22 13 00-0132	EA		75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	21,307.24	839.12
26 22 13 00-0133	EA		112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20.....	32,292.60	1,006.95

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0134 EA 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	39,397.07	1,118.83
26 22 13 00-0135 EA 225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	45,709.50	1,398.53
26 22 13 00-0136 EA 300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	73,143.77	1,734.18
26 22 13 00-0137 3 Phase 60 Hz K20 Dry Type Transformers, 80 C Rise <small>(26 22 13 00-0127)</small>		
<small>Note: 220 C insulation 480 V-208 Y/120 V. 2-2.5 Percent above and 4-2.5 percent taps below.</small>		
26 22 13 00-0138 EA 15 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	8,544.97	503.47
26 22 13 00-0139 EA 30 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	13,164.90	615.35
26 22 13 00-0140 EA 45 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	19,624.12	727.23
26 22 13 00-0141 EA 75 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	25,227.01	839.12
26 22 13 00-0142 EA 112.5 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	38,347.14	1,006.95
26 22 13 00-0143 EA 150 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	46,832.57	1,118.83
26 22 13 00-0144 EA 225 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	54,290.77	1,398.53
26 22 13 00-0145 EA 300 KVA, 480 Volt - 208 Y / 120 Volt Transformer, 3 Phase, 60 Hertz, K20	87,080.06	1,734.18
26 22 13 00-0146 NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0056)</small>		
26 22 13 00-0147 Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0146)</small>		
<small>Note: Two taps at 2.5%, four at -2.5%.</small>		
26 22 13 00-0148 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0147)</small>		
26 22 13 00-0149 EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	3,423.66	502.02
26 22 13 00-0150 EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,176.36	613.58
26 22 13 00-0151 EA 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,033.91	725.13
26 22 13 00-0152 EA 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,751.24	836.69
26 22 13 00-0153 EA 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,025.94	1,004.02
26 22 13 00-0154 EA 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	11,220.92	1,115.58
26 22 13 00-0155 EA 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	14,872.47	1,394.48
26 22 13 00-0156 EA 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	20,923.41	1,729.16
26 22 13 00-0157 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0147)</small>		
26 22 13 00-0158 EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,151.66	502.02
26 22 13 00-0159 EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,058.19	613.58
26 22 13 00-0160 EA 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	6,109.25	725.13
26 22 13 00-0161 EA 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	8,274.84	836.69
26 22 13 00-0162 EA 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	10,598.54	1,004.02
26 22 13 00-0163 EA 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	13,917.85	1,115.58
26 22 13 00-0164 EA 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	18,497.76	1,394.48
26 22 13 00-0165 EA 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	26,162.94	1,729.16
26 22 13 00-0166 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0147)</small>		
26 22 13 00-0167 EA 15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	4,876.72	502.02
26 22 13 00-0168 EA 30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	5,942.47	613.58
26 22 13 00-0169 EA 45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	7,184.60	725.13
26 22 13 00-0170 EA 75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	9,796.00	836.69
26 22 13 00-0171 EA 112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	12,582.65	1,004.02
26 22 13 00-0172 EA 150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	16,614.77	1,115.58
26 22 13 00-0173 EA 225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	22,123.06	1,394.48
26 22 13 00-0174 EA 300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase, K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Aluminum Windings, NEMA Premium Efficient Dry Type Transformer.....	31,402.47	1,729.16

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 22 13 00-0175		Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0146)</small> Note: Two taps at 2.5%, four at -2.5%.			
26 22 13 00-0176		150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0175)</small>			
26 22 13 00-0177	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	4,634.21		502.02
26 22 13 00-0178	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,648.53		613.58
26 22 13 00-0179	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,824.51		725.13
26 22 13 00-0180	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	9,288.94		836.69
26 22 13 00-0181	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	12,612.04		1,004.02
26 22 13 00-0182	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	15,808.88		1,115.58
26 22 13 00-0183	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	21,037.92		1,394.48
26 22 13 00-0184	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 150 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	29,837.22		1,729.16
26 22 13 00-0185		115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0175)</small>			
26 22 13 00-0186	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	5,359.27		502.02
26 22 13 00-0187	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,532.81		613.58
26 22 13 00-0188	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,899.86		725.13
26 22 13 00-0189	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	10,812.56		836.69
26 22 13 00-0190	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	16,472.49		1,004.02
26 22 13 00-0191	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	20,771.61		1,115.58
26 22 13 00-0192	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	26,515.06		1,394.48
26 22 13 00-0193	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 115 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	39,510.39		1,729.16
26 22 13 00-0194		80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformers <small>(26 22 13 00-0175)</small>			
26 22 13 00-0195	EA	15 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	6,086.78		502.02
26 22 13 00-0196	EA	30 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	7,417.08		613.58
26 22 13 00-0197	EA	45 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	8,975.19		725.13
26 22 13 00-0198	EA	75 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	12,333.70		836.69
26 22 13 00-0199	EA	112.5 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	19,573.60		1,004.02
26 22 13 00-0200	EA	150 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	25,271.39		1,115.58
26 22 13 00-0201	EA	225 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	31,989.74		1,394.48
26 22 13 00-0202	EA	300 kVA, 480 Volt Delta 208Y/120 Volt, 3 Phase K-1, NEMA 2 Enclosure, 80 Degree C Temperature Rise, Copper Windings, NEMA Premium Efficient Dry Type Transformer.....	47,236.19		1,729.16
26 22 13 00-0203		3 Phase Weathershields <small>(26 22 13 00-0056)</small> Note: Use with type DT-3 and DS-3.			
26 22 13 00-0204	EA	45-112.5 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	1,658.36		
26 22 13 00-0205	EA	150-300 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,816.20		
26 22 13 00-0206	EA	500-1,000 KVA 3 Phase Weathershields With DT-3, DS-3, Set Of 2	2,816.20		
26 22 13 00-0207		Three Phase Mounting Brackets <small>(26 22 13 00-0056)</small>			
26 22 13 00-0208	EA	3 Phase Mounting Brackets (Set Of 2) For Transformers Up To 112.5 KVA.....	1,282.21		198.47
26 22 13 00-0209		Pad Mounted Commercial Type Distribution Transformers UL Listed <small>(26 22 13)</small>			
26 22 13 00-0210		Distribution 3 Phase Oil Filled Transformer <small>(26 22 13 00-0209)</small> Note: Designed for loads as shopping centers, institutions, and industrial plants with underground distribution. KVA-75 thru 1000, 3 phase 95 thru 150 KV BIL standard features. With taps 4-1/2 percent below - 2-1/2 percent above and below.			
26 22 13 00-0211		Factory Modifications <small>(26 22 13 00-0210)</small> Note: For use with series 4100 3 phase transformers.			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0212 EA Current Limiting Fuse 95 KV Series 4100, 3 Phase Transformer, Factory Modification	3,038.73	
26 22 13 00-0213 EA Lightning Arrestors 9-10 KV Series 4100, 3 Phase Transformer, Factory Modification	494.13	
26 22 13 00-0214 EA Loadbreaker Oil Switch, 2 Position Series 4100, 3 Phase Transformer, Factory Modification	1,976.53	
26 22 13 00-0215 EA Loop Feed Air Switch Series 4100, 3 Phase Transformer, Factory Modification	5,694.49	
26 22 13 00-0216 EA Loadbreaker Inserts Series 4100, 3 Phase Transformer, Factory Modification	697.60	
26 22 13 00-0217 EA Lightning Arrestors, 15 KV Series 4100, 3 Phase Transformer, Factory Modification	552.26	
26 22 13 00-0218 Accessories For Transformer Liquid Containment Area (26 22 13 00-0210)		
Note: Reinforced concrete curb with 6" slab.		
26 22 13 00-0219 EA Containment Area For 75 KVA	7,452.03	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,389.77	
26 22 13 00-0220 EA Containment Area For 112.5 KVA	7,452.03	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,389.77	
26 22 13 00-0221 EA Containment Area For 150 KVA	7,452.03	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,389.77	
26 22 13 00-0222 EA Containment Area For 225 KVA	7,452.03	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,389.77	
26 22 13 00-0223 EA Containment Area For 300 KVA	7,444.55	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,387.53	
26 22 13 00-0224 EA Containment Area For 500 KVA	7,444.55	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,387.53	
26 22 13 00-0225 EA Containment Area For 750 KVA	7,525.94	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,387.53	
26 22 13 00-0226 EA Containment Area For 1,000 KVA	8,706.04	2,084.62
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1,387.53	
26 22 13 00-0227 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 95 KV BIL (26 22 13 00-0210)		
Note: Rated to 5 KVA.		
26 22 13 00-0228 EA 45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,085.73	1,338.70
26 22 13 00-0229 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	19,829.72	1,338.70
26 22 13 00-0230 EA 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	20,992.38	1,338.70
26 22 13 00-0231 EA 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	24,480.37	1,338.70
26 22 13 00-0232 EA 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	25,960.66	2,008.06
26 22 13 00-0233 EA 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	27,123.32	2,008.06
26 22 13 00-0234 EA 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	41,075.27	2,008.06
26 22 13 00-0235 EA 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	52,448.75	2,677.41
26 22 13 00-0236 EA 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 480 Y / 277 Volt, 480 Volt, 3 Phase, Oil Transformer, Pad Mounted	67,563.36	2,677.41
26 22 13 00-0237 Primary 4.16 / 4.8 KV, Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 95 BIL (26 22 13 00-0210)		
Note: Rated to 5 KVA.		
26 22 13 00-0238 EA 45 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	18,667.06	1,338.70
26 22 13 00-0239 EA 75 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	20,992.38	1,338.70
26 22 13 00-0240 EA 112.5 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	21,573.71	1,338.70
26 22 13 00-0241 EA 150 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	22,155.04	1,338.70
26 22 13 00-0242 EA 225 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	25,960.66	2,008.06
26 22 13 00-0243 EA 300 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	28,285.99	2,008.06
26 22 13 00-0244 EA 500 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	41,075.27	2,008.06
26 22 13 00-0245 EA 750 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	53,030.08	2,677.41
26 22 13 00-0246 EA 1,000 KVA, Primary 4.16 / 4.8 KV Ground Y / 7.2 - 14.4 KV, Secondary 208 Y / 120 Volt, 3 Phase, Oil Transformer, Pad Mounted	67,563.36	2,677.41
26 22 13 00-0247 Primary 5 KV Or 15 KV, Secondary 277/480 Volt (26 22 13 00-0209)		
Note: 4-2.5 Percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0248 EA 150 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	64,423.62	1,793.37
26 22 13 00-0249 EA 225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	70,185.86	2,117.10
26 22 13 00-0250 EA 300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	78,560.83	2,587.57
26 22 13 00-0251 EA 500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	93,772.22	2,911.30
26 22 13 00-0252 EA 750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	115,900.76	3,064.44
26 22 13 00-0253 EA 1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	139,229.09	4,477.59
26 22 13 00-0254 EA 1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	164,140.91	5,065.68
26 22 13 00-0255 EA 2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	206,060.15	5,822.62

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 22 Low-Voltage Transformers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 22 13 00-0256	EA		2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	228,403.66	6,113.75
26 22 13 00-0257	EA		3,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	240,448.95	6,812.69
26 22 13 00-0258	EA		3,750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Oil Filled, 3 Phase	277,082.80	7,278.50
26 22 13 00-0259			Pad Mounted Transformer 15 KV - 480 Volt, Oil Filled <small>(26 22 13 00-0209)</small>		
26 22 13 00-0260	EA		1,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	118,597.29	4,971.60
26 22 13 00-0261	EA		2,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	146,383.30	5,717.38
26 22 13 00-0262	EA		2,500 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	166,985.34	6,018.25
26 22 13 00-0263	EA		3,000 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	176,987.05	6,726.31
26 22 13 00-0264	EA		3,750 KVA Pad Mounted Transformer, 15 KV - 480 Volt, Oil Filled	199,106.25	6,930.13
26 22 13 00-0265			Silicone Filled Distribution Transformers, 3 Phase <small>(26 22 13 00-0209)</small>		
			Note: Primary 5 KV or 15 KV, secondary 277/480 V, 4-2.5 percent taps FCAN and FCBN. Pad mounted.		
26 22 13 00-0266	EA		225 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	112,546.84	2,117.10
26 22 13 00-0267	EA		300 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	120,410.10	2,587.57
26 22 13 00-0268	EA		500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	141,226.59	2,911.30
26 22 13 00-0269	EA		750 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	171,762.77	3,064.44
26 22 13 00-0270	EA		1,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	204,821.29	4,477.59
26 22 13 00-0271	EA		1,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	261,348.36	5,065.68
26 22 13 00-0272	EA		2,000 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	318,350.98	5,822.62
26 22 13 00-0273	EA		2,500 KVA Transformer Primary 5 KV Or 15 KV, Secondary 277/480 Volt, 4 Taps, Silicon Filled, 3 Phase	364,901.50	6,113.75
26 22 13 00-0274			Foam Core Poly Transformer Pads <small>(26 22 13)</small>		
26 22 13 00-0275	EA		Single Phase Foam Core Poly Pads	429.70	37.97
			Note: Excludes site prep.		
26 24 Switchboards and Panelboards					
26 24 13 Switchboards					
			Note: Installation of free-standing building distribution switchboards. Switchboard sections to be mounted on 4" concrete pad. Includes material, handling, unloading at job site, assembly and installation, wiring connections, testing and cleanup. Exclude concrete pad and foundation.		
26 24 13 00-0001			Fusible Switch Type 240 Volt, 3 Phase, 3 Wire <small>(26 24 13)</small>		
26 24 13 00-0002			Incoming Service Section Main Device Only <small>(26 24 13 00-0001)</small>		
			Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0003	EA		400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,923.11	950.17
26 24 13 00-0004	EA		600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,347.70	1,005.03
26 24 13 00-0005	EA		800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,078.37	1,140.05
26 24 13 00-0006	EA		1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,625.57	1,222.18
26 24 13 00-0007	EA		1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	12,312.39	1,303.10
26 24 13 00-0008	EA		2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,737.70	1,385.56
26 24 13 00-0009	EA		400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,773.06	950.17
26 24 13 00-0010	EA		600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,138.97	1,005.03
26 24 13 00-0011	EA		800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,586.89	1,141.03
26 24 13 00-0012	EA		1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,785.66	1,222.18
26 24 13 00-0013	EA		1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,312.39	1,304.41
26 24 13 00-0014	EA		2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,737.70	1,385.56
26 24 13 00-0015	EA		2,500 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	16,536.06	1,448.56
26 24 13 00-0016	EA		3,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	18,754.69	1,551.87
26 24 13 00-0017	EA		4,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	22,157.40	1,672.88
26 24 13 00-0018	EA		400 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,640.17	841.87
26 24 13 00-0019	EA		600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,921.07	896.29
26 24 13 00-0020	EA		800 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,345.20	1,031.75
26 24 13 00-0021	EA		1,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,610.41	1,075.09
26 24 13 00-0022	EA		1,200 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,848.30	1,113.88
26 24 13 00-0023	EA		1,600 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,220.03	1,194.27
26 24 13 00-0024	EA		2,000 Amperes, 240 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,563.59	1,276.17
26 24 13 00-0025			Branch Breaker Units <small>(26 24 13 00-0001)</small>		
			Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0026	EA		15 To 60 Amperes, 240 Volt, MC Branch Breaker	342.10	33.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.88	
26 24 13 00-0027	EA		70 To 100 Amperes, 240 Volt, MC Branch Breaker	500.81	52.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.28	
26 24 13 00-0028	EA		125 To 225 Amperes, 240 Volt, MC Branch Breaker	1,350.37	95.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.03	
26 24 13 00-0029	EA		100 To 400 Amperes, 240 Volt, MC Branch Breaker	2,402.71	123.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.30	
26 24 13 00-0030	EA		300 To 600 Amperes, 240 Volt, MC Branch Breaker	4,270.06	304.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47	
26 24 13 00-0031	EA		400 To 800 Amperes, 240 Volt, MC Branch Breaker	6,857.83	304.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47	
26 24 13 00-0032	EA		600 To 1,200 Amperes, 240 Volt, MC Branch Breaker	11,112.80	542.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	325.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0033 Fusible Switch Type 480 Volt, 3 Phase, 3 Wire <small>(26 24 13)</small>		
26 24 13 00-0034 Incoming Service Section Main Device Only <small>(26 24 13 00-0033)</small> Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0035 EA 400 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	5,559.18	1,232.93
26 24 13 00-0036 EA 600 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,217.51	1,232.93
26 24 13 00-0037 EA 800 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	9,273.24	1,602.27
26 24 13 00-0038 EA 1,200 Amperes, 480 Volt, 3 Phase, 3 Wire, Distribution Switchboard With Main Switch	10,519.72	1,602.27
26 24 13 00-0039 Fusible Switch Type 120/240 Volt, 1 Phase, 3 Wire <small>(26 24 13)</small>		
26 24 13 00-0040 Incoming Service Section Main Device Only <small>(26 24 13 00-0039)</small> Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0041 EA 200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,531.80	841.87
26 24 13 00-0042 EA 600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	3,937.25	896.29
26 24 13 00-0043 EA 800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,071.98	1,031.75
26 24 13 00-0044 EA 1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Switch	6,598.13	1,113.01
26 24 13 00-0045 EA 200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	4,338.65	841.87
26 24 13 00-0046 EA 600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	5,499.22	896.29
26 24 13 00-0047 EA 800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	7,747.74	1,031.75
26 24 13 00-0048 EA 1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	11,168.54	1,113.01
26 24 13 00-0049 EA 2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With MC Main Breaker	13,118.39	1,249.23
26 24 13 00-0050 EA 200/400 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,455.96	733.14
26 24 13 00-0051 EA 600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	2,756.20	787.66
26 24 13 00-0052 EA 800 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,235.73	923.13
26 24 13 00-0053 EA 1,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,486.24	966.46
26 24 13 00-0054 EA 1,200 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	3,729.01	1,005.03
26 24 13 00-0055 EA 1,600 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,048.36	1,075.09
26 24 13 00-0056 EA 2,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	4,361.10	1,140.05
26 24 13 00-0057 EA 2,500 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	5,413.99	1,412.17
26 24 13 00-0058 EA 3,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	6,063.64	1,547.96
26 24 13 00-0059 EA 4,000 Amperes, 120/240 Volt, 1 Phase, 3 Wire, Distribution Switchboard With Main Lug	7,152.40	1,670.16
26 24 13 00-0060 Branch Breaker Units <small>(26 24 13 00-0039)</small> Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 240 V, 2 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0061 EA 15 To 60 Amperes, 120 / 240 Volt, MC Branch Breaker	182.73	28.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	17.27	
26 24 13 00-0062 EA 70 To 100 Amperes, 120 / 240 Volt, MC Branch Breaker	290.07	47.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	28.68	
26 24 13 00-0063 EA 125 To 225 Amperes, 120 / 240 Volt, MC Branch Breaker	892.18	66.80
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.08	
26 24 13 00-0064 EA 100 To 400 Amperes, 120 / 240 Volt, MC Branch Breaker	2,576.65	85.81
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	51.49	
26 24 13 00-0065 EA 300 To 600 Amperes, 120/240 Volt, MC Branch Breaker	4,050.72	209.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	125.46	
26 24 13 00-0066 EA 400 To 800 Amperes, 120/240 Volt, MC Branch Breaker	5,767.86	209.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	125.46	
26 24 13 00-0067 EA 600 To 1,200 Amperes, 120/240 Volt, MC Branch Breaker	9,504.86	399.21
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	239.55	
26 24 13 00-0068 Fusible Switch Type 120/208 Volt, 3 Phase, 4 Wire <small>(26 24 13)</small>		
26 24 13 00-0069 Incoming Service Section Main Device Only <small>(26 24 13 00-0068)</small> Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0070 EA 400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	3,924.44	950.17
26 24 13 00-0071 EA 600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	4,346.21	1,005.03
26 24 13 00-0072 EA 800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,076.45	1,140.05
26 24 13 00-0073 EA 1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	7,623.38	1,222.18
26 24 13 00-0074 EA 1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	12,307.38	1,303.10
26 24 13 00-0075 EA 2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch	13,737.70	1,385.56
26 24 13 00-0076 EA 400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	4,774.39	950.17
26 24 13 00-0077 EA 600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	6,137.48	1,005.03
26 24 13 00-0078 EA 800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	8,586.89	1,141.03
26 24 13 00-0079 EA 1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	11,783.47	1,222.18
26 24 13 00-0080 EA 1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	12,309.88	1,304.41
26 24 13 00-0081 EA 2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker	13,737.70	1,385.56
26 24 13 00-0082 EA 400 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	2,774.95	841.87
26 24 13 00-0083 EA 600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,107.99	896.29
26 24 13 00-0084 EA 800 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,625.58	1,031.75
26 24 13 00-0085 EA 1,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	3,905.26	1,075.09
26 24 13 00-0086 EA 1,200 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,175.98	1,113.88
26 24 13 00-0087 EA 1,600 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,534.91	1,194.27
26 24 13 00-0088 EA 2,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	4,898.78	1,276.17
26 24 13 00-0089 EA 2,500 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	5,823.02	1,450.19
26 24 13 00-0090 EA 3,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	6,449.24	1,551.76
26 24 13 00-0091 EA 4,000 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug	7,634.68	1,667.45

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0092			Branch Breaker Units <small>(26 24 13 00-0068)</small>		
			Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 120/208 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0093	EA		15 To 60 Amperes, 120/208 Volt, MC Branch Breaker.....	342.10	33.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.88	
26 24 13 00-0094	EA		70 To 100 Amperes, 120/208 Volt, MC Branch Breaker.....	500.81	52.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.28	
26 24 13 00-0095	EA		125 To 225 Amperes, 120/208 Volt, MC Branch Breaker.....	1,350.37	95.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.03	
26 24 13 00-0096	EA		100 To 400 Amperes, 120/208 Volt, MC Branch Breaker.....	2,402.71	123.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.30	
26 24 13 00-0097	EA		300 To 600 Amperes, 120/208 Volt, MC Branch Breaker.....	4,270.06	304.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47	
26 24 13 00-0098	EA		400 To 800 Amperes, 120/208 Volt, MC Branch Breaker.....	6,857.83	304.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47	
26 24 13 00-0099	EA		600 To 1,200 Amperes, 120/208 Volt, MC Branch Breaker.....	11,112.80	542.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	325.23	
26 24 13 00-0100			Fusible Switch Type 277/480 Volt, 3 Phase, 4 Wire <small>(26 24 13)</small>		
26 24 13 00-0101			Incoming Service Section Main Device Only <small>(26 24 13 00-0100)</small>		
			Note: Copper bus, non-metering type, with fuses.		
26 24 13 00-0102	EA		400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	5,078.51	1,303.10
26 24 13 00-0103	EA		600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	5,579.58	1,385.56
26 24 13 00-0104	EA		800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	7,987.60	1,546.54
26 24 13 00-0105	EA		1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Switch.....	8,735.65	1,655.93
26 24 13 00-0106	EA		400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	6,521.53	1,303.10
26 24 13 00-0107	EA		600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	8,813.86	1,385.56
26 24 13 00-0108	EA		800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	9,889.28	1,548.28
26 24 13 00-0109	EA		1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	12,650.93	1,655.93
26 24 13 00-0110	EA		1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	13,232.62	1,765.76
26 24 13 00-0111	EA		2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With MC Main Breaker.....	14,717.55	1,875.48
26 24 13 00-0112	EA		400 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	2,774.95	841.87
26 24 13 00-0113	EA		600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,107.99	896.29
26 24 13 00-0114	EA		800 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,625.58	1,031.75
26 24 13 00-0115	EA		1,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	3,905.26	1,075.09
26 24 13 00-0116	EA		1,200 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,175.98	1,113.88
26 24 13 00-0117	EA		1,600 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,534.91	1,194.27
26 24 13 00-0118	EA		2,000 Amperes, 480/277 Volt, 3 Phase, 4 Wire, Distribution Switchboard With Main Lug.....	4,898.78	1,276.17
26 24 13 00-0119			Branch Breaker Units <small>(26 24 13 00-0100)</small>		
			Note: Includes branch breaker(s) and portion of distribution section occupied by that breaker. 480 V, 3 pole. Use upper range to determine breaker unless designing for future expansion.		
26 24 13 00-0120	EA		15 To 60 Amperes, 480/277 Volt, MC Branch Breaker.....	712.77	33.13
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.88	
26 24 13 00-0121	EA		70 To 100 Amperes, 480/277 Volt, MC Branch Breaker.....	819.75	52.14
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	31.28	
26 24 13 00-0122	EA		125 To 225 Amperes, 480/277 Volt, MC Branch Breaker.....	1,486.57	95.05
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	57.03	
26 24 13 00-0123	EA		100 To 400 Amperes, 480/277 Volt, MC Branch Breaker.....	2,402.71	123.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74.30	
26 24 13 00-0124	EA		300 To 600 Amperes, 480/277 Volt, MC Branch Breaker.....	5,756.18	304.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47	
26 24 13 00-0125	EA		400 To 800 Amperes, 480/277 Volt, MC Branch Breaker.....	5,888.93	304.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	182.47	
26 24 13 00-0126	EA		600 To 1,200 Amperes, 480/277 Volt, MC Branch Breaker.....	9,442.22	542.06
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	325.23	
26 24 13 00-0127			Fusible Branch Circuit Switch <small>(26 24 13)</small>		
			Note: Includes switch fuses, and portion of distribution section occupied by that branch device.		
26 24 13 00-0128			240 Volt, 2 Pole Twin Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0129	EA		30/30 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	727.70	85.27
			<i>For Electrical Interlock Kit, Add</i>	301.39	
26 24 13 00-0130	EA		30/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	725.12	85.27
			<i>For Electrical Interlock Kit, Add</i>	301.39	
26 24 13 00-0131	EA		60/60 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	725.12	85.27
			<i>For Electrical Interlock Kit, Add</i>	301.39	
26 24 13 00-0132	EA		60/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,140.86	112.43
			<i>For Electrical Interlock Kit, Add</i>	301.39	
26 24 13 00-0133	EA		100/100 Amperes, 240 Volt, 2 Pole Twin Branch Switch Unit.....	1,140.86	112.43
			<i>For Electrical Interlock Kit, Add</i>	301.39	
26 24 13 00-0134			240 Volt, 2 Pole Single Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0135	EA		100 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit.....	834.23	83.65
			<i>For Electrical Interlock Kit, Add</i>	288.73	
26 24 13 00-0136	EA		200 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit.....	1,221.40	83.65
			<i>For Electrical Interlock Kit, Add</i>	288.73	
26 24 13 00-0137	EA		400 Amperes, 240 Volt, 2 Pole Single Branch Switch Unit.....	1,138.02	225.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0138 240 Volt, 3 Pole Twin Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0139 EA 30/30 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	934.24	96.14
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0140 EA 30/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	931.66	96.14
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0141 EA 60/60 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	931.66	96.14
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0142 EA 60/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,405.57	128.73
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0143 EA 100/100 Amperes, 240 Volt, 3 Pole Twin Branch Switch Unit	1,405.57	128.73
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0144 240 Volt, 3 Pole Single Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0145 EA 100 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,011.28	94.50
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0146 EA 200 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	1,642.43	94.50
For Electrical Interlock Kit, Add	288.73	
26 24 13 00-0147 EA 400 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	4,209.28	252.34
26 24 13 00-0148 EA 600 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	6,015.94	323.28
26 24 13 00-0149 EA 800 Amperes, 240 Volt, 3 Pole Single Branch Switch Unit	11,218.79	437.99
26 24 13 00-0150 600 Volt, 3 Pole Twin Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0151 EA 30/30 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,325.08	96.14
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0152 EA 30/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,322.46	96.14
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0153 EA 60/60 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,325.08	96.14
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0154 EA 60/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	1,995.28	128.73
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0155 EA 100/100 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	2,038.93	128.73
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0156 EA 200/200 Amperes, 600 Volt, 3 Pole Twin Branch Switch Unit	4,355.25	168.38
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0157 600 Volt, 3 Pole, Single Branch Switch Units <small>(26 24 13 00-0127)</small>		
26 24 13 00-0158 EA 100 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	1,432.22	94.50
For Electrical Interlock Kit, Add	301.39	
26 24 13 00-0159 EA 200 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	2,176.83	94.50
For Electrical Interlock Kit, Add	288.73	
26 24 13 00-0160 EA 400 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	5,293.28	252.34
For Electrical Interlock Kit, Add	288.73	
26 24 13 00-0161 EA 600 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	6,426.24	323.28
26 24 13 00-0162 EA 800 Amperes, 600 Volt, 3 Pole Single Branch Switch Unit	11,218.79	437.99
26 24 13 00-0163 Service And Distribution Structures <small>(26 24 13)</small>		
26 24 13 00-0164 Distribution Section 600 Volt, 250 Volt DC <small>(26 24 13 00-0163)</small>		
26 24 13 00-0165 600 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0166 EA 14 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,578.00	999.38
26 24 13 00-0167 EA 24 To 30 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,083.97	999.38
26 24 13 00-0168 EA 34 To 38 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,434.24	1,270.95
26 24 13 00-0169 EA 42 To 48 Watt Distribution Section, 600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,785.17	1,270.95
26 24 13 00-0170 800 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0171 EA 14 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	2,897.36	1,156.89
26 24 13 00-0172 EA 24 To 30 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,389.46	1,156.89
26 24 13 00-0173 EA 34 To 38 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,785.17	1,433.90
26 24 13 00-0174 EA 42 To 48 Watt Distribution Section, 800 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,100.43	1,433.90
26 24 13 00-0175 1,200 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0176 EA 14 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,391.66	1,412.17
26 24 13 00-0177 EA 24 To 30 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	3,895.62	1,412.17
26 24 13 00-0178 EA 34 To 38 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,315.96	1,738.06
26 24 13 00-0179 EA 42 To 48 Watt Distribution Section, 1,200 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,777.81	1,738.06
26 24 13 00-0180 1,600 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		
26 24 13 00-0181 EA 14 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,211.42	1,547.96
26 24 13 00-0182 EA 24 To 30 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	4,810.33	1,547.96
26 24 13 00-0183 EA 34 To 38 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,309.06	1,911.87
26 24 13 00-0184 EA 42 To 48 Watt Distribution Section, 1,600 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus	5,711.39	1,911.87
26 24 13 00-0185 2,000 Amperes, 4 Wire, Main Bus <small>(26 24 13 00-0164)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0186	EA	14 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	4,412.81	1,553.39
26 24 13 00-0187	EA	24 To 30 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,059.03	1,748.92
26 24 13 00-0188	EA	34 To 38 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,169.80	1,748.92
26 24 13 00-0189	EA	42 To 48 Watt Distribution Section, 2,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	5,382.95	1,846.68
26 24 13 00-0190		3,000 Amperes, 4 Wire, Main Bus (26 24 13 00-0164)		
26 24 13 00-0191	EA	24 To 30 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,112.24	1,748.92
26 24 13 00-0192	EA	34 To 38 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,221.36	1,748.92
26 24 13 00-0193	EA	42 To 48 Watt Distribution Section, 3,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,434.51	1,846.68
26 24 13 00-0194		4,000 Amperes, 4 Wire, Main Bus (26 24 13 00-0164)		
26 24 13 00-0195	EA	24 To 30 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,251.50	1,846.68
26 24 13 00-0196	EA	34 To 38 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,434.51	1,846.68
26 24 13 00-0197	EA	42 To 48 Watt Distribution Section, 4,000 Amperes, 4 Wire, 600 Volt AC, 250 Volt DC, Main Bus.....	6,511.49	1,846.68
26 24 13 00-0198		Pull Boy, Horizontal Mounted Across Top Of Switch Board (26 24 13 00-0164)		
26 24 13 00-0199	EA	18 - 24" Wide, 30" High, Open Bottom, Pull Boy Horizontal Mounted, Top Of Switchboard.....	556.19	130.35
26 24 13 00-0200	EA	Drilled Bottom For Pull Boy.....	626.93	130.35
26 24 13 00-0201	EA	Cable Supports In Pull Box.....	225.69	32.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18.11	
26 24 13 00-0202		Underground Pull Sections (26 24 13 00-0164)		
		Note: Excludes no bus or terminal.		
26 24 13 00-0203	EA	12 To 20" Wide, 15 - 20" Deep, Underground Pull Section Without Bus Or Terminal.....	537.65	152.08
26 24 13 00-0204	EA	24 To 28" Wide, 20" Deep, Underground Pull Section Without Bus Or Terminal.....	933.84	195.53
26 24 13 00-0205	EA	24 To 28" Wide, 30" Deep, Underground Pull Section Without Bus Or Terminal.....	933.84	195.53
26 24 13 00-0206	EA	14 To 20" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	698.12	152.08
26 24 13 00-0207	EA	28 To 30" Wide, 36" Deep, Underground Pull Section Without Bus Or Terminal.....	1,001.24	222.69
26 24 13 00-0208	EA	14 To 20" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,141.87	222.69
26 24 13 00-0209	EA	26 To 30" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,195.82	287.87
26 24 13 00-0210	EA	38" Wide, 42 - 60" Deep, Underground Pull Section Without Bus Or Terminal.....	1,261.54	287.87
26 24 13 00-0211		Switchboard Sections (26 24 13 00-0163)		
26 24 13 00-0212	EA	600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	4,342.06	905.20
26 24 13 00-0213	EA	800 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	4,756.31	983.96
26 24 13 00-0214	EA	1,200 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	5,963.37	1,257.27
26 24 13 00-0215	EA	1,600 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	6,522.18	1,371.54
26 24 13 00-0216	EA	2,000 Amperes, 480 Volt, 4 Wire, Switchboard Incoming No Switch Circuit.....	6,955.98	1,460.07
26 24 13 00-0217	EA	400 Amperes, 480 Volt, Switchboard Incoming For Switch Circuit Section.....	5,183.72	794.08
26 24 13 00-0218	EA	200 Amperes, Distribution Section Subfeeder Lug-Rated.....	2,932.28	754.32
26 24 13 00-0219	EA	400 Amperes, Distribution Section Subfeeder Lug-Rated.....	3,250.31	817.98
26 24 13 00-0220	EA	120/208 Or 277/480 Volt, 4 Wire, Distribution Section Aluminum Bus.....	7,624.70	905.20
26 24 13 00-0221	EA	800 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	8,176.34	907.59
26 24 13 00-0222	EA	1,000 Amperes, Switchboard Distribution Section Aluminum Bus Less Breaker.....	8,971.85	1,013.29
26 24 13 00-0223	EA	15 To 60 Amperes, 240 Volt, 1 Phase, Feed Section Circuit Breaker FA Frame.....	163.40	54.31
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.17	
26 24 13 00-0224	EA	70 To 100 Amperes, 240 Volt, 3 Phase, Feed Section Circuit Breaker FA Frame.....	199.59	55.30
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.19	
26 24 13 00-0225	EA	70 To 225 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker KA Frame.....	934.48	65.28
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.43	
26 24 13 00-0226	EA	125 To 400 Amperes, 480 Volt, 3 Phase, Feed Section Circuit Breaker LA Frame.....	1,551.27	140.68
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	117.56	
26 24 13 00-0227	EA	100 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	615.21	195.96
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	67.89	
26 24 13 00-0228	EA	225 Amperes, 240 Volt HIC, 3 Phase, Switchboard Feed Section Branch Circuit Breaker.....	1,749.01	113.19
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	84.43	
26 24 13 00-0229		Switchboard, Structure Per Section Copper, 480 Volt (26 24 13 00-0163)		
26 24 13 00-0230	EA	225 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	2,250.76	471.44
26 24 13 00-0231	EA	400 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,203.78	637.54
26 24 13 00-0232	EA	600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	3,590.31	775.93
26 24 13 00-0233	EA	800 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	4,520.85	1,086.29
26 24 13 00-0234	EA	1,200 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	5,601.38	1,357.86
26 24 13 00-0235	EA	1,600 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	6,182.62	1,357.86
26 24 13 00-0236	EA	2,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	7,623.86	1,810.52
26 24 13 00-0237	EA	2,500 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	8,738.37	1,810.52
26 24 13 00-0238	EA	3,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	10,273.89	2,155.30
26 24 13 00-0239	EA	4,000 Amperes, 480 Volt, Copper, Structure Per Section, Switchboard.....	12,324.69	2,155.30
26 24 13 00-0240		Main Devices (26 24 13)		
26 24 13 00-0241		Power Circuit Breakers (26 24 13 00-0240)		
26 24 13 00-0242		DSL Breaker With Current Limiters And Amptector (26 24 13 00-0241)		
		Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0243 EA 50 To 800 Amperes, DSL-206, Main Breaker With Current Limiter, Amptector Static Trip.....	7,934.28	1,140.60
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	682.91	
26 24 13 00-0244 EA 50 To 1,600 Amperes, DSL-416, Main Breaker With Current Limiter, Amptector Static Trip.....	14,490.69	1,901.00
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,139.46	
26 24 13 00-0245 EA 1,200 To 3,200 Amperes, DSL-632, Main Breaker With Current Limiter, Amptector Static Trip.....	32,715.18	3,193.68
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,899.10	
26 24 13 00-0246 EA 4,000 Amperes, DSL-840, Main Breaker With Current Limiter, Amptector Static Trip.....	52,690.85	5,170.71
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,157.81	
26 24 13 00-0247 EA Ground-Fault Trip All Power Breakers - Factory Installed.....	2,790.93	
26 24 13 00-0248 EA Key Interlock All Power Breakers - Factory Installed.....	360.44	
26 24 13 00-0249 EA Short Time Delay Selective Trip - Factory Installed.....	472.87	
26 24 13 00-0250 EA Shunt Trip Manually Open Breakers - Factory Installed.....	340.60	
26 24 13 00-0251 DSL Breaker Electrical Operated And Amptector <small>(26 24 13 00-0241)</small>		
Note: 11 Static trip not applicable to ground-fault or plug in test feature. Manually operated.		
26 24 13 00-0252 EA 50 To 800 Amperes, DSL-206, Main Breaker, Electrical Operated With Amptector Static Trip.....	9,305.73	1,194.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	720.35	
26 24 13 00-0253 EA 50 To 1,600 Amperes, DSL-416, Main Breaker, Electrical Operated With Amptector Static Trip.....	17,302.77	2,009.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,199.87	
26 24 13 00-0254 EA 1,200 To 3,200 Amperes, DSL-632, Main Breaker, Electrical Operated With Amptector Static Trip.....	36,769.41	3,313.17
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,996.85	
26 24 13 00-0255 EA 4,000 Amperes, DSL-840, Main Breaker, Electrical Operated With Amptector Static Trip.....	56,757.00	5,431.43
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,338.99	
26 24 13 00-0256 DS Breakers With Amptector Static Trip, Manually Operated <small>(26 24 13 00-0241)</small>		
Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted manually operated.		
26 24 13 00-0257 EA 50 To 800 Amperes, DS-206, Main Breaker With Groundfault, Amptector Static Trip.....	6,305.16	1,042.83
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	626.70	
26 24 13 00-0258 EA 50 To 1,600 Amperes, DS-416, Main Breaker With Groundfault, Amptector Static Trip.....	11,548.59	1,748.92
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,044.51	
26 24 13 00-0259 EA 2,000 Amperes, DS-420, Main Breaker With Groundfault, Amptector Static Trip.....	17,093.82	2,932.97
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,740.84	
26 24 13 00-0260 EA 1,200 To 3,200 Amperes, DS-632, Main Breaker With Groundfault, Amptector Static Trip.....	29,513.44	4,725.34
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,899.34	
26 24 13 00-0261 EA 4,000 Amperes, DS-840, Main Breaker With Groundfault, Amptector Static Trip.....	48,016.16	7,712.62
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,820.79	
26 24 13 00-0262 DS Breakers With Amptector Static Trip, Electrically Operated <small>(26 24 13 00-0241)</small>		
Note: Includes integral ground fault and plug-in test provision. Excludes system, add price from section drawout mounted electrical operated.		
26 24 13 00-0263 EA 50 To 800 Amperes, DS-206, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	7,455.26	999.38
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	597.74	
26 24 13 00-0264 EA 50 To 1,600 Amperes, DS-416, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	13,928.11	1,672.88
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	995.98	
26 24 13 00-0265 EA 2,000 Amperes, DS-420, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	19,804.44	2,780.89
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,662.68	
26 24 13 00-0266 EA 1,200 To 3,200 Amperes, DS-632, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	32,682.23	4,529.81
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,771.14	
26 24 13 00-0267 EA 4,000 Amperes, DS-840, Main Breaker, Electrical Operated With Groundfault, Amptector Static Trip.....	51,072.38	7,766.94
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,629.06	
26 24 13 00-0268 Molded Case Circuit Breakers Conventional <small>(26 24 13 00-0241)</small>		
26 24 13 00-0269 EA 70 To 225 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	2,646.56	912.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	525.62	
26 24 13 00-0270 EA 125 To 400 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	3,894.79	912.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	571.73	
26 24 13 00-0271 EA 300 To 600 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	4,321.09	1,086.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	626.70	
26 24 13 00-0272 EA 400 To 800 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	5,144.95	1,086.29
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	678.93	
26 24 13 00-0273 EA 600 To 1,200 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	7,668.46	1,303.55
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	744.03	
26 24 13 00-0274 EA 1,000 To 2,000 Amperes, 3 Pole, Conventional Molded Case Circuit Breaker.....	12,440.30	1,303.55
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	822.95	
26 24 13 00-0275 EA Shunt Trip, Factory Installed.....	357.13	
26 24 13 00-0276 EA Groundfault Trip Complete Interrupting Circuit, Factory Installed.....	82.67	
26 24 13 00-0277 Switchboard Branch Breaker 480 Volt <small>(26 24 13 00-0240)</small>		
26 24 13 00-0278 EA 60 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	559.09	78.75
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.23	
26 24 13 00-0279 EA 100 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	658.55	104.50
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.67	
26 24 13 00-0280 EA 225 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	1,915.85	157.30
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	94.41	
26 24 13 00-0281 EA 400 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	2,533.26	197.38
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	118.42	
26 24 13 00-0282 EA 600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	3,064.10	264.72
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.81	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0283	EA		800 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	3,698.92	339.47
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	203.68	
26 24 13 00-0284	EA		1,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	5,951.83	517.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	310.37	
26 24 13 00-0285	EA		1,200 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	5,951.83	517.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	310.37	
26 24 13 00-0286	EA		1,600 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	8,347.91	724.23
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	434.51	
26 24 13 00-0287	EA		2,000 Amperes, 3 Phase, 480 Volt Switchboard Branch Breaker.....	10,401.84	1,086.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	651.77	
26 24 13 00-0288			Switchboard 277/480 Volt Main Breaker <small>(26 24 13 00-0240)</small>		
26 24 13 00-0289	EA		400 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	6,769.11	471.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	282.89	
26 24 13 00-0290	EA		600 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	6,858.74	516.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	309.78	
26 24 13 00-0291	EA		800 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	7,377.99	775.93
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	465.55	
26 24 13 00-0292	EA		1,200 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	12,639.08	1,086.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	651.77	
26 24 13 00-0293	EA		1,600 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	12,869.80	1,201.64
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	720.99	
26 24 13 00-0294	EA		2,000 Amperes, 277/480 Volt, Main Breaker, Switchboard.....	16,944.49	2,155.30
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,293.20	
26 24 13 00-0295			Branch Or Distribution Devices <small>(26 24 13)</small>		
26 24 13 00-0296			3 Pole, Panel Mounted, Molded Case Circuit Breakers <small>(26 24 13 00-0295)</small>		
			Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0297	EA		15 To 60 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	623.09	39.11
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 24 13 00-0298	EA		70 To 100 Amperes, 600 Volt, Type EHB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	626.05	48.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 24 13 00-0299	EA		125 To 150 Amperes, 600 Volt, Type FB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,526.68	58.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.11	
26 24 13 00-0300	EA		70 To 225 Amperes, 600 Volt, Type JDB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,217.01	76.04
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.51	
26 24 13 00-0301	EA		125 To 400 Amperes, 600 Volt, Type LBB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	3,130.14	93.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.57	
26 24 13 00-0302	EA		300 To 600 Amperes, 600 Volt, Type LC, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	4,104.15	109.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	73.32	
26 24 13 00-0303	EA		900 To 1,000 Amperes, 600 Volt, Type NB, 3 Pole, Panel Mounted, Molded Case Circuit Breaker.....	6,280.14	123.84
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.78	
26 24 13 00-0304			2 Pole, Panel Mounted, Molded Case Circuit Breakers <small>(26 24 13 00-0295)</small>		
			Note: Includes certified refurbished circuit breakers.		
26 24 13 00-0305	EA		15 To 60 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	428.52	29.33
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 24 13 00-0306	EA		70 To 100 Amperes, 600 Volt, Type EHB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	550.08	39.11
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 24 13 00-0307	EA		125 To 150 Amperes, 600 Volt, Type FB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	1,524.56	48.88
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 24 13 00-0308	EA		70 To 225 Amperes, 600 Volt, Type JDB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,423.62	54.31
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.85	
26 24 13 00-0309	EA		125 To 400 Amperes, 600 Volt, Type LBB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	2,556.30	70.60
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	47.25	
26 24 13 00-0310	EA		900 To 1,000 Amperes, 600 Volt, Type NB, 2 Pole, Panel Mounted, Molded Case Circuit Breaker.....	5,813.42	102.65
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.44	
26 24 13 00-0311			Meter Devices And Instrumentation <small>(26 24 13)</small>		
			Note: Factory installed accessories.		
26 24 13 00-0312			Compartments For Instrument Transformers And Metering Devices <small>(26 24 13 00-0311)</small>		
26 24 13 00-0313	EA		Compartment For, Up To 800 Amperes, Primary Current Transformer.....	431.54	
26 24 13 00-0314	EA		Compartment For, 1,000 To 1,500 Amperes, Primary Current Transformer.....	623.33	
26 24 13 00-0315	EA		Compartment For, 2,000 To 6,000 Amperes, Primary Current Transformer.....	734.11	
26 24 13 00-0316			Instruments <small>(26 24 13 00-0311)</small>		
26 24 13 00-0317	EA		AC Voltmeter.....	588.61	
26 24 13 00-0318	EA		AC Ammeter.....	588.61	
26 24 13 00-0319	EA		AC Wattmeter.....	1,572.38	
26 24 13 00-0320	EA		Variometer.....	1,775.74	
26 24 13 00-0321	EA		Power Factor Meter.....	1,418.61	
26 24 13 00-0322	EA		Frequency Meter.....	1,565.76	
26 24 13 00-0323	EA		200 Volt-Amperes Max Potential Transformer.....	529.09	
26 24 13 00-0324	EA		AC Watt-hour Meter Indicating 1 Or 2 Element With Test Block And Plug Block.....	1,992.34	
26 24 13 00-0325	EA		AC Watt-hour Meter Recording 2 Element With Recording KW Demand Type R-2.....	3,333.24	
26 24 13 00-0326	EA		Weatherproof, Modify Meter.....	3,178.16	
26 24 13 00-0327	EA		Control Switch Resistor Type 130 V.....	73.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 13 00-0328 EA Metering Instrument: Voltage, Amperes And Watt Hour.....	4,020.73	
26 24 16 Panelboards <small>(26 24)</small>		
26 24 16 00-0001 Branch Circuit Panelboard <small>(26 24 16)</small> Note: Includes wiring connections, drilling hole (or removing knock-out on residential units), labeling and testing. All NEMA 3R panelboards include weatherproof hubs. Copper bussing. Panelboards with less than a 30 circuit capacity do not have the door in a door trim front option.		
26 24 16 00-0002 Assembled Lighting And Power Panelboards <small>(26 24 16 00-0001)</small> Note: Includes main lugs or breaker (as indicated). 20 Amp, 1 pole branch circuit plug-on breakers (the number of which is indicated). Panelboard box, trim and connection of main service cable from meter.		
26 24 16 00-0003 120/240 Volt, 3 Wire, 1 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0004 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,192.49	309.59
For NEMA 3R Panelboard, Add	1,499.28	
26 24 16 00-0005 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	1,354.49	309.59
For NEMA 3R Panelboard, Add	1,499.28	
26 24 16 00-0006 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	1,537.29	429.08
For NEMA 3R Panelboard, Add	1,499.28	
26 24 16 00-0007 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	1,722.77	429.08
For NEMA 3R Panelboard, Add	1,499.28	
26 24 16 00-0008 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	1,896.93	537.71
For NEMA 3R Panelboard, Add	1,499.28	
26 24 16 00-0009 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	2,075.63	537.71
For NEMA 3R Panelboard, Add	1,499.28	
26 24 16 00-0010 EA 100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	2,248.42	619.19
For NEMA 3R Panelboard, Add	1,499.28	
26 24 16 00-0011 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	2,698.96	792.99
For NEMA 3R Panelboard, Add	1,648.79	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0012 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	2,839.66	792.99
For NEMA 3R Panelboard, Add	1,648.79	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0013 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	2,978.67	907.05
For NEMA 3R Panelboard, Add	1,648.79	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0014 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	3,203.24	907.05
For NEMA 3R Panelboard, Add	1,947.62	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0015 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	3,342.00	1,021.11
For NEMA 3R Panelboard, Add	1,947.62	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0016 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	3,547.44	1,021.11
For NEMA 3R Panelboard, Add	1,947.62	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0017 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	3,672.24	1,129.74
For NEMA 3R Panelboard, Add	1,947.62	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0018 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	3,879.87	1,129.74
For NEMA 3R Panelboard, Add	1,947.62	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0019 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	4,069.60	1,249.23
For NEMA 3R Panelboard, Add	1,947.62	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0020 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	4,201.85	1,249.23
For NEMA 3R Panelboard, Add	2,027.07	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0021 EA 225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	4,391.95	1,249.23
For NEMA 3R Panelboard, Add	2,027.07	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0022 120/240 Volt, 3 Wire, 1 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0023 EA 50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,418.39	298.73
For NEMA 3R Panelboard, Add	1,499.28	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24	16 00-0024	EA	50 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	1,582.75	298.73
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0025	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	1,959.33	510.55
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0026	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	2,222.63	510.55
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0027	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	2,400.33	624.61
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0028	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	2,585.45	624.61
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0029	EA	100 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	2,750.21	749.54
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0030	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	3,328.94	749.54
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0031	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	3,475.40	917.91
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0032	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	3,634.16	917.91
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0033	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	3,807.73	1,031.98
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0034	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	3,949.12	1,031.98
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0035	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,099.66	1,129.74
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0036	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	4,260.71	1,129.74
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0037	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	4,434.01	1,336.14
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0038	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	4,621.65	1,336.14
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0039	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	4,826.25	1,336.14
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24	16 00-0040	EA	225 Ampere Rating, 120/240 Volt, 3 Wire, 1 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	4,953.73	1,412.17
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24	16 00-0041		120/208 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards ^(26 24 16 00-0002)		
26 24	16 00-0042	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,440.91	353.04
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0043	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	1,616.17	353.04
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0044	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	1,815.32	472.54
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0045	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	2,024.86	472.54
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0046	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	2,212.51	581.16
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0047	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	2,412.85	581.16
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0048	EA	100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	2,601.77	689.79
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0049 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,796.40 1,648.79 120.48	689.79
26 24 16 00-0050 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	2,978.09 1,648.79 120.48	809.29
26 24 16 00-0051 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,187.34 1,648.79 120.48	809.29
26 24 16 00-0052 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,399.92 1,648.79 120.48	934.20
26 24 16 00-0053 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,609.12 1,648.79 120.48	934.20
26 24 16 00-0054 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,025.12 1,947.62 205.76	1,129.74
26 24 16 00-0055 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,166.18 1,947.62 205.76	1,129.74
26 24 16 00-0056 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,410.60 1,947.62 205.76	1,254.65
26 24 16 00-0057 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,631.40 1,947.62 205.76	1,254.65
26 24 16 00-0058 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,788.47 2,027.07 262.98	1,368.72
26 24 16 00-0059 EA 225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,008.02 2,027.07 262.98	1,368.72
26 24 16 00-0060 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,882.00 1,947.62 205.76	1,214.47
26 24 16 00-0061 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,037.69 1,947.62 205.76	1,276.39
26 24 16 00-0062 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,292.94 1,947.62 205.76	1,344.28
26 24 16 00-0063 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,530.11 1,947.62 205.76	1,423.03
26 24 16 00-0064 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,696.65 2,027.07 262.98	1,466.49
26 24 16 00-0065 EA 400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,963.50 2,027.07 262.98	1,556.11
26 24 16 00-0066 120/208 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0067 EA 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,720.20 1,499.28	342.18
26 24 16 00-0068 EA 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	1,897.68 1,499.28	342.18
26 24 16 00-0069 EA 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,109.35 1,499.28	450.81
26 24 16 00-0070 EA 50 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, Up To 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,405.66 1,499.28	450.81
26 24 16 00-0071 EA 100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,835.57 1,499.28	678.92

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0072	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	3,019.06	678.92
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0073	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	3,217.38	792.99
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0074	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	3,382.12	792.99
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0075	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	3,604.86	917.91
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0076	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	3,756.28	917.91
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0077	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	4,003.50	1,031.98
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0078	EA		100 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	4,216.01	1,031.98
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0079	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	4,959.14	1,194.92
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0080	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	5,177.59	1,260.09
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0081	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	5,269.93	1,260.09
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0082	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	5,514.84	1,423.03
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0083	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	5,686.66	1,423.03
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0084	EA		225 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two- 20 Ampere Breakers.....	5,798.43	1,423.03
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0085	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	5,840.99	1,308.98
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0086	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	6,079.52	1,385.02
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0087	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	6,174.91	1,423.03
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0088	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	6,439.03	1,509.93
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0089	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	6,609.80	1,553.39
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0090	EA		400 Ampere Rating, 120/208 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	6,770.04	1,607.71
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0091			480 Volt, 3 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0092	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	1,629.62	347.61
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0093	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	1,861.79	347.61
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0094	EA		100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	2,084.63	477.97
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0095 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i>	2,316.76 1,499.28	477.97
26 24 16 00-0096 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,533.70 1,499.28	597.45
26 24 16 00-0097 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,761.92 1,499.28	597.45
26 24 16 00-0098 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,999.82 1,499.28	722.38
26 24 16 00-0099 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,218.39 1,648.79 120.48	722.38
26 24 16 00-0100 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,458.05 1,648.79 120.48	858.17
26 24 16 00-0101 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,689.64 1,648.79 120.48	858.17
26 24 16 00-0102 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,903.08 1,648.79 120.48	977.66
26 24 16 00-0103 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,131.31 1,648.79 120.48	977.66
26 24 16 00-0104 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,616.69 1,947.62 205.76	1,189.48
26 24 16 00-0105 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,844.65 1,947.62 205.76	1,189.48
26 24 16 00-0106 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,086.97 1,947.62 205.76	1,303.55
26 24 16 00-0107 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty- Eight 20 Ampere Breakers <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,265.55 1,947.62 205.76	1,303.55
26 24 16 00-0108 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,534.45 2,027.07 262.98	1,439.33
26 24 16 00-0109 EA 225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	5,728.21 2,027.07 262.98	1,439.33
26 24 16 00-0110 480 Volt, 3 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0111 EA 50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,075.52 1,499.28	369.34
26 24 16 00-0112 EA 50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,302.53 1,499.28	401.92
26 24 16 00-0113 EA 50 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, Up To 50 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	2,531.98 1,499.28	499.69
26 24 16 00-0114 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	3,041.76 1,499.28	608.32
26 24 16 00-0115 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	3,260.41 1,499.28	673.50
26 24 16 00-0116 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Amp Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	3,459.98 1,499.28	727.82
26 24 16 00-0117 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i>	3,679.61 1,499.28	792.99
26 24 16 00-0118 EA 100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers..... <i>For NEMA 3R Panelboard, Add</i> <i>For Door-In-Door (Hinged) Trim Front, Add</i>	3,891.06 1,648.79 120.48	858.17

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24	16 00-0119	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,084.79	912.48
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0120	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,292.39	966.79
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0121	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,516.82	1,031.98
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0122	EA	100 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,761.82	1,113.45
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0123	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers	6,003.97	1,238.36
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0124	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers	6,239.02	1,314.40
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0125	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers	6,407.01	1,346.99
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0126	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers	6,670.92	1,433.90
			<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24	16 00-0127	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers	6,855.39	1,488.21
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24	16 00-0128	EA	225 Ampere Rating, 480 Volt, 3 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers	7,046.57	1,534.93
			<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24	16 00-0129		277/480 Volt, 4 Wire, 3 Phase, Main Lugs Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24	16 00-0130	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 12 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers	1,986.11	380.20
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0131	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers	2,245.97	380.20
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0132	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers	2,499.24	505.13
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0133	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers	2,754.53	505.13
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0134	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers	3,013.89	624.61
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0135	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers	3,267.99	624.61
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0136	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers	3,526.18	749.54
			<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24	16 00-0137	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers	3,783.32	749.54
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0138	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers	4,063.79	879.89
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0139	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers	4,299.55	879.89
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0140	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers	4,548.35	885.32
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24	16 00-0141	EA	100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 32 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers	4,812.92	885.32
			<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0142 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	5,481.23	1,227.50
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0143 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	5,751.94	1,227.50
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0144 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	5,962.18	1,292.68
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0145 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	6,257.31	1,379.58
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0146 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	6,481.41	1,379.58
<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0147 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, Main Lugs, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	6,808.37	1,509.93
<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0148 277/480 Volt, 4 Wire, 3 Phase, Main Breaker Assembled Panelboards <small>(26 24 16 00-0002)</small>		
26 24 16 00-0149 EA 50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Eight 20 Ampere Breakers.....	2,579.63	467.10
<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0150 EA 50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Ten 20 Ampere Breakers.....	2,845.52	467.10
<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0151 EA 50 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, 50 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Twelve 20 Ampere Breakers.....	3,101.58	619.19
<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0152 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Fourteen 20 Ampere Breakers.....	3,693.33	619.19
<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0153 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 20 Circuit Capacity Assembled Panelboard With Sixteen 20 Ampere Breakers.....	3,939.50	782.13
<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0154 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Eighteen 20 Ampere Breakers.....	4,185.27	782.13
<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0155 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 24 Circuit Capacity Assembled Panelboard With Twenty 20 Ampere Breakers.....	4,422.87	896.19
<i>For NEMA 3R Panelboard, Add</i>	1,499.28	
26 24 16 00-0156 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Two 20 Ampere Breakers.....	4,642.73	896.19
<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0157 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Four 20 Ampere Breakers.....	4,876.47	1,021.11
<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0158 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Six 20 Ampere Breakers.....	5,127.03	1,021.11
<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0159 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Twenty-Eight 20 Ampere Breakers.....	5,343.00	1,129.74
<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0160 EA 100 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >50 To 100 Ampere Main Breaker, 30 Circuit Capacity Assembled Panelboard With Thirty 20 Ampere Breakers.....	5,569.49	1,129.74
<i>For NEMA 3R Panelboard, Add</i>	1,648.79	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0161 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Two 20 Ampere Breakers.....	7,297.11	1,336.14
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0162 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Four 20 Ampere Breakers.....	7,571.48	1,336.14
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0163 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main 42 Circuit Capacity Assembled Panelboard With Thirty-Six 20 Ampere Breakers.....	7,774.82	1,461.05
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0164 EA 225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 42 Circuit Capacity Assembled Panelboard With Thirty-Eight 20 Ampere Breakers.....	8,081.05	1,461.05
<i>For NEMA 3R Panelboard, Add</i>	1,947.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0165	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty 20 Ampere Breakers.....	8,302.72	1,596.84
		<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0166	EA	225 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >100 To 225 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	8,531.82	1,596.84
		<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0167	EA	400 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >225 To 400 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	10,136.77	1,778.25
		<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0168	EA	600 Ampere Rating, 277/480 Volt, 4 Wire, 3 Phase, >400 To 600 Ampere Main Breaker, 54 Circuit Capacity Assembled Panelboard With Forty-Two 20 Ampere Breakers.....	12,341.53	2,134.55
		<i>For NEMA 3R Panelboard, Add</i>	2,027.07	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0169		Unassembled Lighting And Power Panelboards <small>(26 24 16 00-0001)</small> Note: Includes the main device (lugs or breaker), connection of main service cable from meter and that portion of the panel box, trim and interior occupied by that device. Spaces include that portion of the panel box, trim and interior reserved by that space. The maximum single pole capacity of the panelboard main device (lugs, breakers) is indicated. Excludes branch breakers. A complete panelboard will be the sum of main device and the branch circuit breakers and spaces (within the capacity of the main device). See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0170		240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0169)</small> Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers.		
26 24 16 00-0171		Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0172	EA	100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	637.46	
26 24 16 00-0173	EA	100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	732.84	
26 24 16 00-0174	EA	225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	995.10	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0175	EA	225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,148.00	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0176	EA	225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,298.55	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0177	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,451.02	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0178	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,574.84	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0179	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,723.96	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0180	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,864.90	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0181	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,987.91	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0182	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,169.73	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0183		Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0184	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	947.51	
26 24 16 00-0185	EA	100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,072.51	
26 24 16 00-0186	EA	225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,716.29	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0187	EA	225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,904.40	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0188	EA	225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,080.66	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0189	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,628.46	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0190	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	3,837.00	
		<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0191 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard <i>For Door-In-Door (Hinged) Trim Front, Add</i>	4,026.10 262.98	
26 24 16 00-0192 Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0193 EA 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,296.74	
26 24 16 00-0194 EA 100 Ampere Rating, 20 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,384.59	
26 24 16 00-0195 EA 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,631.15	
26 24 16 00-0196 EA 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,780.91	
26 24 16 00-0197 EA 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,919.52	
26 24 16 00-0198 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,193.81	
26 24 16 00-0199 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,309.46	
26 24 16 00-0200 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,451.05	
26 24 16 00-0201 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,649.76	
26 24 16 00-0202 EA 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,768.25	
26 24 16 00-0203 EA 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,938.40	
26 24 16 00-0204 Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase Unassembled Panelboards <small>(26 24 16 00-0170)</small>		
26 24 16 00-0205 EA 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,599.26	
26 24 16 00-0206 EA 100 Ampere Rating, 20 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	1,716.09	
26 24 16 00-0207 EA 225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,474.14	
26 24 16 00-0208 EA 225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,647.19	
26 24 16 00-0209 EA 225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	2,812.14	
26 24 16 00-0210 EA 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,344.25	
26 24 16 00-0211 EA 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,545.25	
26 24 16 00-0212 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 3 Wire, 1 Phase, Unassembled Panelboard	4,732.47	
26 24 16 00-0213 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0169)</small>		
Note: As manufactured by Square D or equal. Accepts plug-on and bolt-on breakers		
26 24 16 00-0214 Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>		
26 24 16 00-0215 EA 100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	717.96	
26 24 16 00-0216 EA 100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	843.88	
26 24 16 00-0217 EA 100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	948.93	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0218 EA 225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,072.28	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0219 EA 225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,233.88	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0220 EA 225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,365.92	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0221 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,574.67	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0222 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,696.22	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0223 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,830.09	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0224 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,002.36	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0225	EA		600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,211.23	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0226	EA		600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,619.49	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0227			Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>		
26 24 16 00-0228	EA		100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,111.55	
26 24 16 00-0229	EA		100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,253.31	
26 24 16 00-0230	EA		100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,433.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0231	EA		225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,128.41	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0232	EA		225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,304.12	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0233	EA		225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,466.47	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0234	EA		400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,419.81	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	120.48	
26 24 16 00-0235	EA		400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,613.07	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	205.76	
26 24 16 00-0236	EA		400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,773.69	
			<i>For Door-In-Door (Hinged) Trim Front, Add</i>	262.98	
26 24 16 00-0237			Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>		
26 24 16 00-0238	EA		100 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,377.24	
26 24 16 00-0239	EA		100 Ampere Rating, 24 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,495.62	
26 24 16 00-0240	EA		100 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,592.51	
26 24 16 00-0241	EA		225 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,708.33	
26 24 16 00-0242	EA		225 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,866.79	
26 24 16 00-0243	EA		225 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,986.90	
26 24 16 00-0244	EA		400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,317.46	
26 24 16 00-0245	EA		400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,430.85	
26 24 16 00-0246	EA		400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,557.18	
26 24 16 00-0247	EA		600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,787.22	
26 24 16 00-0248	EA		600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,981.65	
26 24 16 00-0249	EA		600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,389.90	
26 24 16 00-0250			Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase Unassembled Panelboards <small>(26 24 16 00-0213)</small>		
26 24 16 00-0251	EA		100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,763.30	
26 24 16 00-0252	EA		100 Ampere Rating, 24 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	1,896.89	
26 24 16 00-0253	EA		100 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,072.30	
26 24 16 00-0254	EA		225 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	2,886.27	
26 24 16 00-0255	EA		225 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,046.91	
26 24 16 00-0256	EA		225 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	3,197.96	
26 24 16 00-0257	EA		400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,793.88	
26 24 16 00-0258	EA		400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	4,993.67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0259 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 240 Volt AC, 48 Volt DC, 4 Wire, 3 Phase, Unassembled Panelboard	5,165.33	
26 24 16 00-0260 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small> Note: As manufactured by Square D or equal.		
26 24 16 00-0261 Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>		
26 24 16 00-0262 EA 125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,033.19	
26 24 16 00-0263 EA 125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,132.74	
26 24 16 00-0264 EA 250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,561.99	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0265 EA 250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,740.63	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0266 EA 250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,895.04	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0267 EA 400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,886.55	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0268 EA 400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,986.93	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0269 EA 400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,157.81	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0270 EA 600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,268.38	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0271 EA 600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,431.32	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0272 EA 600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,654.17	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0273 Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>		
26 24 16 00-0274 EA 100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,124.21	
26 24 16 00-0275 EA 100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,191.33	
26 24 16 00-0276 EA 125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,378.55	
26 24 16 00-0277 EA 125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,505.05	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0278 EA 125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,754.25	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0279 EA 250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,580.42	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0280 EA 250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,736.72	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0281 EA 250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,937.61	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0282 EA 400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,058.28	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0283 EA 400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,265.64	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0284 EA 400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 1, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,454.41	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0285 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>		
26 24 16 00-0286 EA 125 Ampere Rating, 12 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,669.87	
26 24 16 00-0287 EA 125 Ampere Rating, 18 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	1,769.42	
26 24 16 00-0288 EA 250 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,183.60	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24	16 00-0289	EA	250 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,471.49	
26 24	16 00-0290	EA	250 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,613.34	
26 24	16 00-0291	EA	400 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,604.86	
26 24	16 00-0292	EA	400 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,686.40	
26 24	16 00-0293	EA	400 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,830.27	
26 24	16 00-0294	EA	600 Ampere Rating, 30 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,003.63	
26 24	16 00-0295	EA	600 Ampere Rating, 42 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,151.18	
26 24	16 00-0296	EA	600 Ampere Rating, 54 Circuit Capacity, Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,340.93	
26 24 16 00-0297 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboards <small>(26 24 16 00-0260)</small>					
26 24	16 00-0298	EA	100 Ampere Rating, 12 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,896.51	
26 24	16 00-0299	EA	100 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	2,963.63	
26 24	16 00-0300	EA	125 Ampere Rating, 18 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,005.81	
26 24	16 00-0301	EA	125 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,126.65	
26 24	16 00-0302	EA	125 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	3,485.11	
26 24	16 00-0303	EA	250 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,298.72	
26 24	16 00-0304	EA	250 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,436.18	
26 24	16 00-0305	EA	250 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,610.07	
26 24	16 00-0306	EA	400 Ampere Rating, 30 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,730.74	
26 24	16 00-0307	EA	400 Ampere Rating, 42 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	4,920.83	
26 24	16 00-0308	EA	400 Ampere Rating, 54 Circuit Capacity, Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 3 Wire, 1 Phase, Unassembled Panelboard	5,106.94	
26 24 16 00-0309 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small>					
Note: As manufactured by Square D or equal.					
26 24 16 00-0310 Main Lugs, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>					
26 24	16 00-0311	EA	125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,075.89	
26 24	16 00-0312	EA	125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,176.07	
26 24	16 00-0313	EA	125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,360.19	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				120.48	
26 24	16 00-0314	EA	250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,624.82	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				120.48	
26 24	16 00-0315	EA	250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,804.83	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				205.76	
26 24	16 00-0316	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,958.02	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				262.98	
26 24	16 00-0317	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	1,969.61	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				120.48	
26 24	16 00-0318	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,089.90	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				205.76	
26 24	16 00-0319	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,259.50	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				262.98	
26 24	16 00-0320	EA	600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,370.30	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				120.48	
26 24	16 00-0321	EA	600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,533.97	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				205.76	
26 24	16 00-0322	EA	600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Lugs, Unassembled Panelboard	2,757.62	
<i>For Door-In-Door (Hinged) Trim Front, Add</i>				262.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0323 Main Breaker, NEMA 1, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0324 EA 100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,343.97	
26 24 16 00-0325 EA 100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,411.72	
26 24 16 00-0326 EA 100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,612.83	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0327 EA 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,680.64	
26 24 16 00-0328 EA 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	2,807.66	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0329 EA 125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,056.20	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0330 EA 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	3,934.78	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0331 EA 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,092.97	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0332 EA 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,291.73	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0333 EA 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,482.90	
For Door-In-Door (Hinged) Trim Front, Add	120.48	
26 24 16 00-0334 EA 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,692.28	
For Door-In-Door (Hinged) Trim Front, Add	205.76	
26 24 16 00-0335 EA 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 1, Main Breaker, Unassembled Panelboard	4,880.90	
For Door-In-Door (Hinged) Trim Front, Add	262.98	
26 24 16 00-0336 Main Lugs, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0337 EA 125 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,712.56	
26 24 16 00-0338 EA 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,812.74	
26 24 16 00-0339 EA 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	1,987.45	
26 24 16 00-0340 EA 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,246.43	
26 24 16 00-0341 EA 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,535.69	
26 24 16 00-0342 EA 250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,676.32	
26 24 16 00-0343 EA 400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,689.80	
26 24 16 00-0344 EA 400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,789.37	
26 24 16 00-0345 EA 400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	2,931.97	
26 24 16 00-0346 EA 600 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,105.55	
26 24 16 00-0347 EA 600 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,253.52	
26 24 16 00-0348 EA 600 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Lugs, Unassembled Panelboard	3,443.27	
26 24 16 00-0349 Main Breaker, NEMA 3R, 5, Or 12, 480Y/277 Volt AC, 4 Wire, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0309)</small>		
26 24 16 00-0350 EA 100 Ampere Rating, 12 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	2,965.58	
26 24 16 00-0351 EA 100 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,033.33	
26 24 16 00-0352 EA 100 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,343.68	
26 24 16 00-0353 EA 125 Ampere Rating, 18 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,307.90	
26 24 16 00-0354 EA 125 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,429.26	
26 24 16 00-0355 EA 125 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	3,787.06	
26 24 16 00-0356 EA 250 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,653.08	
26 24 16 00-0357 EA 250 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard	4,792.43	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		DESCRIPTION		TOTAL DIRECT	DEMOLITION
CSI	UOM			UNIT COST	UNIT COST
26 24 16 00-0358	EA	250 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard		4,964.20	
26 24 16 00-0359	EA	400 Ampere Rating, 30 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard		5,155.36	
26 24 16 00-0360	EA	400 Ampere Rating, 42 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard		5,347.17	
26 24 16 00-0361	EA	400 Ampere Rating, 54 Circuit Capacity, 277/480 Volt, 4 Wire, 3 Phase, NEMA 3R, 5, 12, Main Breaker, Unassembled Panelboard		5,532.65	
26 24 16 00-0362		600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0169)</small>			
		Note: Square D I-Line or equal.			
26 24 16 00-0363		Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>			
26 24 16 00-0364	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		1,820.53	323.02
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		193.82	
26 24 16 00-0365	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		2,135.28	322.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		193.76	
26 24 16 00-0366	EA	400 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		2,372.29	322.92
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		193.76	
26 24 16 00-0367	EA	600 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		2,696.17	530.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		318.20	
26 24 16 00-0368	EA	600 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		2,879.61	530.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		318.20	
26 24 16 00-0369	EA	600 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		3,080.90	530.32
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		318.20	
26 24 16 00-0370	EA	800 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		3,320.56	704.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		422.97	
26 24 16 00-0371	EA	800 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		3,496.95	707.06
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		424.26	
26 24 16 00-0372	EA	800 Ampere Rating, 63" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		3,568.93	704.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		422.97	
26 24 16 00-0373	EA	800 Ampere Rating, 99" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		4,150.90	704.99
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		422.97	
26 24 16 00-0374	EA	1,200 Ampere Rating, 27" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		5,401.26	1,060.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		636.39	
26 24 16 00-0375	EA	1,200 Ampere Rating, 45" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		5,797.35	1,060.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		636.39	
26 24 16 00-0376	EA	1,200 Ampere Rating, 63" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		6,121.20	1,060.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		636.39	
26 24 16 00-0377	EA	1,200 Ampere Rating, 99" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Lugs, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		6,516.49	1,060.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		636.39	
26 24 16 00-0378		Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboards <small>(26 24 16 00-0362)</small>			
26 24 16 00-0379	EA	225 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		3,536.25	329.86
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		197.91	
26 24 16 00-0380	EA	400 Ampere Rating, 27" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		4,645.92	374.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		224.49	
26 24 16 00-0381	EA	400 Ampere Rating, 45" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		4,874.81	374.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		224.49	
26 24 16 00-0382	EA	400 Ampere Rating, 81" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		5,548.50	374.13
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		224.49	
26 24 16 00-0383	EA	600 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		7,228.93	613.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		368.00	
26 24 16 00-0384	EA	600 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		7,607.19	614.97
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		368.98	
26 24 16 00-0385	EA	600 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		7,918.84	613.29
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		368.00	
26 24 16 00-0386	EA	800 Ampere Rating, 36" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard		9,137.25	819.90
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>		491.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0387 EA 800 Ampere Rating, 72" Breaker Mounting Space, 250 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	9,585.18	817.03
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	490.23	
26 24 16 00-0388 EA 800 Ampere Rating, 72" Breaker Mounting Space, 600 Ampere Maximum Branch Breaker Size, Main Breaker, NEMA 1, 600 Volt AC, 250 Volt DC, 3 Phase, Unassembled Panelboard.....	10,031.60	817.03
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	490.23	
26 24 16 00-0389 Residential Lighting And Power Panelboards <small>(26 24 16 00-0001)</small> See CSI section 26 28 16 13-0001 for circuit breakers.		
26 24 16 00-0390 Residential Type Unassembled Load Center <small>(26 24 16 00-0389)</small> Note: Interior box and cover, includes ground bar kit.		
26 24 16 00-0391 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt <small>(26 24 16 00-0390)</small>		
26 24 16 00-0392 EA 30 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	148.33	54.31
26 24 16 00-0393 EA 70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	493.51	217.26
26 24 16 00-0394 EA 100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	747.96	310.13
26 24 16 00-0395 EA 125 Ampere Rating, 24 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,600.04	651.88
26 24 16 00-0396 EA 150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,750.58	706.08
26 24 16 00-0397 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta.		
26 24 16 00-0398 EA 60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	208.39	59.75
26 24 16 00-0399 EA 125 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	377.75	65.18
26 24 16 00-0400 Main Lug Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof <small>(26 24 16 00-0390)</small>		
26 24 16 00-0401 EA 40 Ampere Rating, 2 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	212.03	59.75
26 24 16 00-0402 EA 70 Ampere Rating, 4 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	236.65	65.18
26 24 16 00-0403 EA 100 Ampere Rating, 8 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	820.73	310.13
26 24 16 00-0404 EA 150 Ampere Rating, 30 Circuit, Main Lug Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	1,861.31	706.08
26 24 16 00-0405 Main Lug Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0406 EA 60 Ampere Rating, 3 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	263.75	59.75
26 24 16 00-0407 EA 125 Ampere Rating, 20 Circuit, Main Lug Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	1,802.67	651.88
26 24 16 00-0408 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt <small>(26 24 16 00-0390)</small>		
26 24 16 00-0409 EA 125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	1,944.88	651.88
26 24 16 00-0410 EA 150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	2,111.24	706.08
26 24 16 00-0411 EA 300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Wire, 120/240 Volt, Single Phase, Unassembled Panelboard	7,573.93	1,086.29
26 24 16 00-0412 Main Breaker Load Center, 3 Phase, 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 V Delta.		
26 24 16 00-0413 EA 125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	2,863.62	651.88
26 24 16 00-0414 EA 150 Ampere Rating, 40 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	3,124.09	706.08
26 24 16 00-0415 EA 300 Ampere Rating, 42 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Unassembled Panelboard	8,346.98	1,086.29
26 24 16 00-0416 Main Breaker Load Center, Single Phase, 3 Wire, 120/240 Volt, Rainproof <small>(26 24 16 00-0390)</small>		
26 24 16 00-0417 EA 125 Ampere Rating, 24 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,047.70	651.88
26 24 16 00-0418 EA 150 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Wire 120/240 Volt, 1 Phase, Rainproof, Unassembled Panelboard	2,286.82	706.08
26 24 16 00-0419 Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC <small>(26 24 16 00-0390)</small> Note: 3 Phase, 4 wire, 240/120 Volt AC Delta; 3 phase, 3 wire, 240 Volt AC Delta, Rainproof.		
26 24 16 00-0420 EA 125 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard	3,034.14	651.88

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0421 EA 155 Ampere Rating, 30 Circuit, Main Breaker Load Center, 3 Phase 4 Wire, 208 Y/120 Volt AC, 3 Phase 4 Wire 240/120 Volt AC Delta, 3 Phase 3 Wire 240 Volt AC Delta, Rainproof, Unassembled Panelboard.....	3,142.60	706.08
26 24 16 00-0422 Residential Type Assembled Load Center (26 24 16 00-0389)		
26 24 16 00-0423 Main Lug Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase (26 24 16 00-0422)		
Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0424 EA 100 Ampere Rating, Main Lugs, Indoor 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	748.44	310.13
26 24 16 00-0425 EA 100 Ampere Rating, Main Lugs, Indoor 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	912.82	362.27
26 24 16 00-0426 EA 100 Ampere Rating, Main Lugs, Rainproof, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	765.84	310.13
26 24 16 00-0427 EA 100 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	917.56	362.27
26 24 16 00-0428 EA 200 Ampere Rating, Main Lugs, Indoor, 8 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,335.91	482.85
26 24 16 00-0429 EA 200 Ampere Rating, Main Lugs, Indoor, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,575.10	579.53
26 24 16 00-0430 EA 200 Ampere Rating, Main Lugs, Indoor, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,800.61	668.61
26 24 16 00-0431 EA 200 Ampere Rating, Main Lugs, Indoor, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,985.44	723.80
26 24 16 00-0432 EA 200 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,971.40	1,086.29
26 24 16 00-0433 EA 200 Ampere Rating, Main Lugs, Rainproof, 16 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,397.60	482.85
26 24 16 00-0434 EA 200 Ampere Rating, Main Lugs, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,633.63	579.53
26 24 16 00-0435 EA 200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,859.14	668.61
26 24 16 00-0436 EA 200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,040.80	723.80
26 24 16 00-0437 EA 200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,153.31	1,086.29
26 24 16 00-0438 EA 400 Ampere Rating, Main Lugs, Indoor, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,671.53	1,206.97
26 24 16 00-0439 EA 400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,861.35	1,206.97
26 24 16 00-0440 Main Lug Load Center, 4 Wire, 20 Amperes, 120/208 Volt (26 24 16 00-0422)		
Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0441 EA 125 Ampere Rating, Main Lugs, Indoor, 12 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,001.40	362.27
26 24 16 00-0442 EA 125 Ampere Rating, Main Lugs, Indoor, 18 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,492.82	543.14
26 24 16 00-0443 EA 125 Ampere Rating, Main Lugs, Rainproof, 12 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,053.60	362.27
26 24 16 00-0444 EA 125 Ampere Rating, Main Lugs, Rainproof, 18 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,540.28	543.14
26 24 16 00-0445 EA 200 Ampere Rating, Main Lugs, Indoor, 24 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,890.77	668.61
26 24 16 00-0446 EA 200 Ampere Rating, Main Lugs, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,065.30	724.23
26 24 16 00-0447 EA 200 Ampere Rating, Main Lugs, Indoor, 36 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,529.53	869.35
26 24 16 00-0448 EA 200 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,034.67	1,086.29
26 24 16 00-0449 EA 200 Ampere Rating, Main Lugs, Rainproof, 24 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,946.14	668.61
26 24 16 00-0450 EA 200 Ampere Rating, Main Lugs, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,127.80	723.80
26 24 16 00-0451 EA 200 Ampere Rating, Main Lugs, Rainproof, 36 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,741.98	868.70
26 24 16 00-0452 EA 200 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,248.22	1,086.29
26 24 16 00-0453 EA 400 Ampere Rating, Main Lugs, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,718.98	1,206.97
26 24 16 00-0454 EA 400 Ampere Rating, Main Lugs, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,908.80	1,206.97
26 24 16 00-0455 Main Breaker Load Center, 3 Wire, 20 Amperes, 120/240 Volt, 1 Phase (26 24 16 00-0422)		
Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0456 EA 125 Ampere Rating, Main Breaker, Indoor, 12 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	995.08	362.27
26 24 16 00-0457 EA 125 Ampere Rating, Main Breaker, Indoor, 18 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,470.68	543.14
26 24 16 00-0458 EA 200 Ampere Rating, Main Breaker, Indoor, 20 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,704.82	579.53
26 24 16 00-0459 EA 200 Ampere Rating, Main Breaker, Indoor, 24 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,954.71	668.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 16 00-0460 EA 200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,152.30	724.23
26 24 16 00-0461 EA 200 Ampere Rating, Main Breaker, Indoor, 40 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,848.98	965.71
26 24 16 00-0462 EA 200 Ampere Rating, Main Breaker, Rainproof, 20 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,720.63	579.53
26 24 16 00-0463 EA 200 Ampere Rating, Main Breaker, Rainproof, 24 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	1,985.69	668.61
26 24 16 00-0464 EA 200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,159.44	723.80
26 24 16 00-0465 EA 200 Ampere Rating, Main Breaker, Rainproof, 40 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,761.98	965.71
26 24 16 00-0466 EA 400 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,300.82	1,206.97
26 24 16 00-0467 EA 400 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 3 Wire, 120/240 Volt, 1 Phase, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	5,617.19	1,206.97
26 24 16 00-0468 Main Breaker Load Center, 4 Wire, 20 Amperes, 120/208 Volt <small>(26 24 16 00-0422)</small> Note: Includes 1 pole plug-in breaker.		
26 24 16 00-0469 EA 200 Ampere Rating, Main Breaker, Indoor, 30 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,595.22	724.23
26 24 16 00-0470 EA 200 Ampere Rating, Main Breaker, Indoor, 42 Circuit, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,540.86	1,086.29
26 24 16 00-0471 EA 200 Ampere Rating, Main Breaker, Rainproof, 30 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	2,689.36	723.80
26 24 16 00-0472 EA 200 Ampere Rating, Main Breaker, Rainproof, 42 Circuits, 4 Wire, 120/208 Volt, Assembled Panelboard With 20 Ampere, 1 Pole Plug-In Breakers	3,635.77	1,086.29
26 24 16 00-0473 Panel Mounted Accessories And Fuseholders <small>(26 24 16 00-0001)</small>		
26 24 16 00-0474 Midget Finger-Safe Fuse Holders <small>(26 24 16 00-0473)</small> Note: 30 Amp capacity. Excludes fuse.		
26 24 16 00-0475 EA 1 Pole Midget Finger-Safe Fuse Holder	72.18	19.55
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 24 16 00-0476 EA 1 Pole With Indicator Midget Finger-Safe Fuse Holder	85.79	19.55
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 24 16 00-0477 EA 2 Pole Midget Finger-Safe Fuse Holder	116.93	29.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 24 16 00-0478 EA 2 Pole With Indicators Midget Finger-Safe Fuse Holder	152.45	29.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 24 16 00-0479 EA 3 Pole Midget Finger-Safe Fuse Holder	172.68	39.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 24 16 00-0480 EA 3 Pole With Indicators Midget Finger-Safe Fuse Holder	219.85	39.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 24 16 00-0481 EA 3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	259.32	39.11
Note: With indicators.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 24 16 00-0482 EA 3 Pole With 4th Neutral Pole Midget Finger-Safe Fuse Holder	207.00	39.11
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 24 16 00-0483 EA 4 Pole Midget Finger-Safe Fuse Holder	217.56	48.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 24 16 00-0484 EA 4 Pole With Indicator Midget Finger-Safe Fuse Holder	269.37	48.88
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 24 16 00-0485 EA 12 To 24 Volt DC Midget Finger-Safe Fuse Holder	85.83	19.55
Note: With indicator.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 24 16 00-0486 EA 20 To 24 Volt DC Midget Finger-Safe Fuse Holder	93.06	19.55
Note: With indicator.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 24 16 00-0487 EA 35 To 48 Volt DC Midget Finger-Safe Fuse Holder	87.16	19.55
Note: With indicator.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 24 16 00-0488 Removal And Reinstallation Of Panelboards <small>(26 24 16 00-0001)</small> Note: Includes storage, cleaning and supply materials.		
26 24 16 00-0489 EA Removal And Reinstallation Of Up To 42 Circuit Capacity Panelboards With Breakers	1,364.24	
Note: Includes removal and reinstallation of main wiring to panelboard.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	407.36	
26 24 16 00-0490 EA Removal And Reinstallation Of Breaker, 1-2-3 Pole, Any Amperage	72.45	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	21.18	
26 24 16 00-0491 EA Panelboard Filler Plate, Fits 1" Opening	5.24	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	1.02	
26 24 19 Motor-Control Centers <small>(26 24)</small>		
26 24 19 00-0001 Combination Starters With Molded Case Circuit Breakers <small>(26 24 19)</small> Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" o 20" Deep), fully factory assembled and wired internally.		
26 24 19 00-0002 230 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 1-Speed non-reversing.		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0003	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,383.46 59.54	99.24
26 24 19 00-0004	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,825.36 62.52	104.20
26 24 19 00-0005	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,213.47 65.50	109.16
26 24 19 00-0006	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,651.79 77.41	129.01
26 24 19 00-0007	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,432.66 89.32	148.85
26 24 19 00-0008	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,974.58 119.09	198.47
26 24 19 00-0009			480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0010	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,383.46 59.54	99.24
26 24 19 00-0011	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,825.36 62.52	104.20
26 24 19 00-0012	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,213.47 65.50	109.16
26 24 19 00-0013	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,651.79 77.41	129.01
26 24 19 00-0014	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,432.66 89.32	148.85
26 24 19 00-0015	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,974.58 119.09	198.47
26 24 19 00-0016			230 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 1-Speed reversing.		
26 24 19 00-0017	EA		230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,462.24 59.54	99.24
26 24 19 00-0018	EA		230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,619.52 62.52	104.20
26 24 19 00-0019	EA		230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,629.30 65.50	109.16
26 24 19 00-0020	EA		230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,610.37 77.41	129.01
26 24 19 00-0021	EA		230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,872.13 89.32	148.85
26 24 19 00-0022	EA		230 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39,427.35 119.09	198.47
26 24 19 00-0023			480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 1-Speed reversing.		
26 24 19 00-0024	EA		480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,462.24 59.54	99.24
26 24 19 00-0025	EA		480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,619.52 62.52	104.20
26 24 19 00-0026	EA		480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,629.30 65.50	109.16
26 24 19 00-0027	EA		480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,610.37 77.41	129.01
26 24 19 00-0028	EA		480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,872.13 89.32	148.85
26 24 19 00-0029	EA		480 Volt, Full Volt, 1 Speed, Reversing, 400 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39,427.35 119.09	198.47
26 24 19 00-0030			230 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0031	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,205.28 95.27	158.78
26 24 19 00-0032	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,793.03 101.22	168.71
26 24 19 00-0033	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,541.81 107.17	178.63
26 24 19 00-0034	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,285.83 122.06	203.44
26 24 19 00-0035	EA		230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,340.90 142.91	238.17
26 24 19 00-0036			480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0037	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,205.28 95.27	158.78
26 24 19 00-0038	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,793.03 101.22	168.71
26 24 19 00-0039	EA		480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,541.81 107.17	178.63

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0040 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,285.83 122.06	203.44
26 24 19 00-0041 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,340.90 142.91	238.17
26 24 19 00-0042 230 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 2 wind.		
26 24 19 00-0043 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,872.43 59.54	99.24
26 24 19 00-0044 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,259.33 62.52	104.20
26 24 19 00-0045 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,943.35 65.50	109.16
26 24 19 00-0046 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,693.30 77.41	129.01
26 24 19 00-0047 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,400.61 89.32	148.85
26 24 19 00-0048 480 Volt Combination With Molded Case Circuit, Full Volt <small>(26 24 19 00-0001)</small> Note: 2-Speed non-reversing, 1 wind.		
26 24 19 00-0049 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,872.43 59.54	99.24
26 24 19 00-0050 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,259.33 62.52	104.20
26 24 19 00-0051 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,943.35 65.50	109.16
26 24 19 00-0052 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,693.30 77.41	129.01
26 24 19 00-0053 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32,400.61 89.32	148.85
26 24 19 00-0054 230 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0055 EA 230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination With Molded Case Circuit.....	7,213.62	104.20
26 24 19 00-0056 EA 230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination With Molded Case Circuit.....	11,052.63	114.12
26 24 19 00-0057 EA 230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit.....	18,640.73	129.01
26 24 19 00-0058 EA 230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit.....	28,844.29	148.85
26 24 19 00-0059 EA 230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit.....	49,355.80	198.47
26 24 19 00-0060 480 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, auto-transformer.		
26 24 19 00-0061 EA 480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination With Molded Case Circuit.....	7,213.62	104.20
26 24 19 00-0062 EA 480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination With Molded Case Circuit.....	11,052.63	114.12
26 24 19 00-0063 EA 480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination With Molded Case Circuit.....	18,640.73	129.01
26 24 19 00-0064 EA 480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination With Molded Case Circuit.....	28,844.29	148.85
26 24 19 00-0065 EA 480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination With Molded Case Circuit.....	49,355.80	198.47
26 24 19 00-0066 230 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, part winding.		
26 24 19 00-0067 EA 230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,911.51 95.27	158.78
26 24 19 00-0068 EA 230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,348.46 110.15	183.59
26 24 19 00-0069 EA 230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,183.26 122.06	203.44
26 24 19 00-0070 EA 230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,077.74 148.86	248.09
26 24 19 00-0071 EA 230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,212.77 190.54	317.56
26 24 19 00-0072 480 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, part winding.		
26 24 19 00-0073 EA 480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,911.51 95.27	158.78
26 24 19 00-0074 EA 480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,348.46 110.15	183.59
26 24 19 00-0075 EA 480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,183.26 122.06	203.44
26 24 19 00-0076 EA 480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,077.74 148.86	248.09
26 24 19 00-0077 EA 480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination With Molded Case Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,212.77 190.54	317.56
26 24 19 00-0078 230 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, energy saver.		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0079	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7-1/2 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,384.61 77.41	129.01
26 24 19 00-0080	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,621.20 95.27	158.78
26 24 19 00-0081	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,874.09 110.15	183.59
26 24 19 00-0082	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,159.79 122.06	203.44
26 24 19 00-0083	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,320.19 148.86	248.09
26 24 19 00-0084	EA		230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66,934.48 190.54	317.56
26 24 19 00-0085			480 Volt Combination With Molded Case Circuit <small>(26 24 19 00-0001)</small> Note: Reducing volt, energy saver.		
26 24 19 00-0086	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,384.61 77.41	129.01
26 24 19 00-0087	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,621.20 95.27	158.78
26 24 19 00-0088	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,874.09 110.15	183.59
26 24 19 00-0089	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,159.79 122.06	203.44
26 24 19 00-0090	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,320.19 148.86	248.09
26 24 19 00-0091	EA		480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination With Molded Case Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66,934.48 190.54	317.56
26 24 19 00-0092			Combination Starters With Current Limiting Circuit Breakers <small>(26 24 19)</small> Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and wired internally.		
26 24 19 00-0093			230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0094	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,194.83 59.54	99.24
26 24 19 00-0095	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 15 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,636.73 62.52	104.20
26 24 19 00-0096	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 30 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,632.80 65.50	109.16
26 24 19 00-0097	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,392.17 77.41	129.01
26 24 19 00-0098	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,618.72 89.32	148.85
26 24 19 00-0099	EA		230 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,355.99 119.09	198.47
26 24 19 00-0100			480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed non-reversing.		
26 24 19 00-0101	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,194.83 59.54	99.24
26 24 19 00-0102	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,636.73 62.52	104.20
26 24 19 00-0103	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,632.80 65.50	109.16
26 24 19 00-0104	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,392.17 77.41	129.01
26 24 19 00-0105	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,618.72 89.32	148.85
26 24 19 00-0106	EA		480 Volt, Full Volt, 1 Speed, Non-Reversing, 400 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,355.99 119.09	198.47
26 24 19 00-0107			230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed reversing.		
26 24 19 00-0108	EA		230 Volt, Full Volt, 1 Speed, Reversing, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,266.76 59.54	99.24
26 24 19 00-0109	EA		230 Volt, Full Volt, 1 Speed, Reversing, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,414.89 62.52	104.20
26 24 19 00-0110	EA		230 Volt, Full Volt, 1 Speed, Reversing, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,016.63 65.50	109.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0111 EA 230 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,314.18 77.41	129.01
26 24 19 00-0112 EA 230 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,994.20 89.32	148.85
26 24 19 00-0113 480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 1-speed reversing.		
26 24 19 00-0114 EA 480 Volt, Full Volt, 1 Speed, Reversing, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,266.76 59.54	99.24
26 24 19 00-0115 EA 480 Volt, Full Volt, 1 Speed, Reversing, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,414.89 62.52	104.20
26 24 19 00-0116 EA 480 Volt, Full Volt, 1 Speed, Reversing, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,016.63 65.50	109.16
26 24 19 00-0117 EA 480 Volt, Full Volt, 1 Speed, Reversing, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,314.18 77.41	129.01
26 24 19 00-0118 EA 480 Volt, Full Volt, 1 Speed, Reversing, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,994.20 89.32	148.85
26 24 19 00-0119 230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0120 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,996.08 95.27	158.78
26 24 19 00-0121 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,572.40 101.22	168.71
26 24 19 00-0122 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,906.28 107.17	178.63
26 24 19 00-0123 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,957.64 122.06	203.44
26 24 19 00-0124 EA 230 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,437.82 142.91	238.17
26 24 19 00-0125 480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 2 wind.		
26 24 19 00-0126 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,996.08 95.27	158.78
26 24 19 00-0127 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,572.40 101.22	168.71
26 24 19 00-0128 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,906.28 107.17	178.63
26 24 19 00-0129 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	17,957.64 122.06	203.44
26 24 19 00-0130 EA 480 Volt, Full Volt, 2 Speed, 2 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,437.82 142.91	238.17
26 24 19 00-0131 230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0132 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 7-1/2 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,762.48 89.32	148.85
26 24 19 00-0133 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 15 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,134.14 95.27	158.78
26 24 19 00-0134 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 30 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,420.06 101.22	168.71
26 24 19 00-0135 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,462.11 116.11	193.51
26 24 19 00-0136 EA 230 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35,594.61 136.95	228.25
26 24 19 00-0137 480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Full volt, 2-speed non-reversing, 1 wind.		
26 24 19 00-0138 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 10 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,762.48 89.32	148.85
26 24 19 00-0139 EA 480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 25 HP Combination Starters With Current Limiting Circuit <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,134.14 95.27	158.78

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 24 19 00-0140	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 50 HP Combination Starters With Current Limiting Circuit	11,420.06		168.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.22		
26 24 19 00-0141	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 100 HP Combination Starters With Current Limiting Circuit	21,462.11		193.51
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	116.11		
26 24 19 00-0142	EA	480 Volt, Full Volt, 2 Speed, 1 Wind Starter, Non-Reverse, 200 HP Combination Starters With Current Limiting Circuit	35,594.61		228.25
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	136.95		
26 24 19 00-0143		230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, auto-transformer.			
26 24 19 00-0144	EA	230 Volt, Reduced Volt, Auto Transformer, 15 HP Combination Starters With Current Limiting Circuit	7,981.57		104.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.52		
26 24 19 00-0145	EA	230 Volt, Reduced Volt, Auto Transformer, 30 HP Combination Starters With Current Limiting Circuit	12,862.79		114.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.48		
26 24 19 00-0146	EA	230 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	21,751.37		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		
26 24 19 00-0147	EA	230 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	32,960.57		148.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.32		
26 24 19 00-0148	EA	230 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	54,240.03		198.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.09		
26 24 19 00-0149		480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, auto-transformer.			
26 24 19 00-0150	EA	480 Volt, Reduced Volt, Auto Transformer, 25 HP Combination Starters With Current Limiting Circuit	7,981.57		104.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.52		
26 24 19 00-0151	EA	480 Volt, Reduced Volt, Auto Transformer, 50 HP Combination Starters With Current Limiting Circuit	12,862.79		114.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.48		
26 24 19 00-0152	EA	480 Volt, Reduced Volt, Auto Transformer, 100 HP Combination Starters With Current Limiting Circuit	21,751.37		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		
26 24 19 00-0153	EA	480 Volt, Reduced Volt, Auto Transformer, 200 HP Combination Starters With Current Limiting Circuit	32,960.57		148.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.32		
26 24 19 00-0154	EA	480 Volt, Reduced Volt, Auto Transformer, 400 HP Combination Starters With Current Limiting Circuit	54,240.03		198.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.09		
26 24 19 00-0155		230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, part winding.			
26 24 19 00-0156	EA	230 Volt, Reduced Volt, Part Winding Starters, 10 HP Combination Starters With Current Limiting Circuit	5,702.31		158.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.27		
26 24 19 00-0157	EA	230 Volt, Reduced Volt, Part Winding Starters, 25 HP Combination Starters With Current Limiting Circuit	7,123.27		183.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.15		
26 24 19 00-0158	EA	230 Volt, Reduced Volt, Part Winding Starters, 50 HP Combination Starters With Current Limiting Circuit	12,538.59		203.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.06		
26 24 19 00-0159	EA	230 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	22,227.23		248.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.86		
26 24 19 00-0160	EA	230 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	32,799.74		317.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	190.54		
26 24 19 00-0161		480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, part winding.			
26 24 19 00-0162	EA	480 Volt, Reduced Volt, Part Winding Starters, 15 HP Combination Starters With Current Limiting Circuit	5,702.31		158.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.27		
26 24 19 00-0163	EA	480 Volt, Reduced Volt, Part Winding Starters, 40 HP Combination Starters With Current Limiting Circuit	7,123.27		183.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.15		
26 24 19 00-0164	EA	480 Volt, Reduced Volt, Part Winding Starters, 75 HP Combination Starters With Current Limiting Circuit	12,538.59		203.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.06		
26 24 19 00-0165	EA	480 Volt, Reduced Volt, Part Winding Starters, 150 HP Combination Starters With Current Limiting Circuit	22,227.23		248.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.86		
26 24 19 00-0166	EA	480 Volt, Reduced Volt, Part Winding Starters, 350 HP Combination Starters With Current Limiting Circuit	32,799.74		317.56
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	190.54		
26 24 19 00-0167		230 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small>			
		Note: Reduced volt, energy saving			
26 24 19 00-0168	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 7.5 HP Combination Starters With Current Limiting Circuit	21,040.56		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		
26 24 19 00-0169	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 15 HP Combination Starters With Current Limiting Circuit	22,270.29		158.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.27		
26 24 19 00-0170	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 30 HP Combination Starters With Current Limiting Circuit	24,500.33		183.59
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	110.15		
26 24 19 00-0171	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit	36,678.61		203.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.06		
26 24 19 00-0172	EA	230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit	49,722.45		248.09
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	148.86		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0173 EA 230 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69,693.15 190.54	317.56
26 24 19 00-0174 480 Volt Combination Starters With Current Limiting Circuit <small>(26 24 19 00-0092)</small> Note: Reduced volt, energy saving		
26 24 19 00-0175 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 10 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,040.60 77.42	129.01
26 24 19 00-0176 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 25 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,270.29 95.27	158.78
26 24 19 00-0177 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 50 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	24,500.33 110.15	183.59
26 24 19 00-0178 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 100 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,678.61 122.06	203.44
26 24 19 00-0179 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 200 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,722.45 148.86	248.09
26 24 19 00-0180 EA 480 Volt, Energy Saver Solid State Reduced Volt Starter With MCP, 400 HP Combination Starters With Current Limiting Circuit..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	69,693.15 190.54	317.56
26 24 19 00-0181 Combination Starters With Fusible Switch <small>(26 24 19)</small> Note: Includes NEMA I enclosure of indoor installation, vertical free standing floor mounted sections (90" high x 20" wide x 16" to 20" deep), fully factory assembled and Wired Internally.		
26 24 19 00-0182 230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0183 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,118.34 59.54	99.24
26 24 19 00-0184 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,928.21 62.52	104.20
26 24 19 00-0185 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,949.42 65.50	109.16
26 24 19 00-0186 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,742.00 77.41	129.01
26 24 19 00-0187 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,203.03 89.32	148.85
26 24 19 00-0188 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,346.05 119.09	198.47
26 24 19 00-0189 480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed non-reversing.		
26 24 19 00-0190 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,118.34 59.54	99.24
26 24 19 00-0191 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,928.21 62.52	104.20
26 24 19 00-0192 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,949.42 65.50	109.16
26 24 19 00-0193 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,742.00 77.41	129.01
26 24 19 00-0194 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,203.03 89.32	148.85
26 24 19 00-0195 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Non-Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,346.05 119.09	198.47
26 24 19 00-0196 230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed reversing.		
26 24 19 00-0197 EA 7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,432.53 59.54	99.24
26 24 19 00-0198 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,122.34 62.52	104.20
26 24 19 00-0199 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,206.33 65.50	109.16
26 24 19 00-0200 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13,383.96 77.41	129.01
26 24 19 00-0201 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,600.29 89.32	148.85
26 24 19 00-0202 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35,027.66 119.09	198.47
26 24 19 00-0203 480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small> Note: 1-Speed reversing.		
26 24 19 00-0204 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,432.53 59.54	99.24
26 24 19 00-0205 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,122.34 62.52	104.20

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 24 19 00-0206	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	8,206.33		109.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.50		
26 24 19 00-0207	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	13,383.96		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		
26 24 19 00-0208	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	20,600.29		148.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.32		
26 24 19 00-0209	EA	400 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 1 Speed Reversing.....	35,027.66		198.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.09		
26 24 19 00-0210		230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 2-Speed non-reversing, 2 wind.			
26 24 19 00-0211	EA	10 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,013.29		158.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.27		
26 24 19 00-0212	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,527.90		168.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.22		
26 24 19 00-0213	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,713.22		178.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	107.17		
26 24 19 00-0214	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,582.95		203.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.06		
26 24 19 00-0215	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,840.36		238.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.91		
26 24 19 00-0216		480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 2-Speed non-reversing, 2 wind.			
26 24 19 00-0217	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	4,013.29		158.78
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95.27		
26 24 19 00-0218	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	5,527.90		168.71
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	101.22		
26 24 19 00-0219	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	8,713.22		178.63
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	107.17		
26 24 19 00-0220	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	15,582.95		203.44
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.06		
26 24 19 00-0221	EA	200 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 2 Wind Starter	24,840.36		238.17
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142.91		
26 24 19 00-0222		230 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 2-Speed non-reversing, 1 wind.			
26 24 19 00-0223	EA	7-1/2 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,593.59		99.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.54		
26 24 19 00-0224	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,012.49		104.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.52		
26 24 19 00-0225	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,103.34		109.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.50		
26 24 19 00-0226	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	20,380.04		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		
26 24 19 00-0227		480 Volt Combination Starters With Fusible Switch, Full Volt <small>(26 24 19 00-0181)</small>			
		Note: 2-Speed non-reversing, 1 wind.			
26 24 19 00-0228	EA	10 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	4,593.59		99.24
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.54		
26 24 19 00-0229	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	7,012.49		104.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.52		
26 24 19 00-0230	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	10,103.34		109.16
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	65.50		
26 24 19 00-0231	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Full Volt, 2 Speed Non-Reversing, 1 Wind Starter	20,380.04		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		
26 24 19 00-0232		230 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Auto-transformer.			
26 24 19 00-0233	EA	15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	6,964.50		104.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.52		
26 24 19 00-0234	EA	30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	12,307.40		114.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.48		
26 24 19 00-0235	EA	50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	20,514.88		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		
26 24 19 00-0236	EA	100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	27,395.25		148.85
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	89.32		
26 24 19 00-0237	EA	200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	46,032.60		198.47
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	119.09		
26 24 19 00-0238		480 Volt Combination Starters With Fusible Switch, Reduced Volt <small>(26 24 19 00-0181)</small>			
		Note: Auto-transformer.			
26 24 19 00-0239	EA	25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	6,964.50		104.20
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	62.52		
26 24 19 00-0240	EA	50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	12,307.40		114.12
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	68.48		
26 24 19 00-0241	EA	100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer.....	20,514.88		129.01
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	77.41		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0242 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	27,395.25 89.32	148.85
26 24 19 00-0243 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Auto-Transformer <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46,032.60 119.09	198.47
26 24 19 00-0244 230 Volt Combination Starters With Fusible Switch, Reduced Volt (26 24 19 00-0181) Note: Part winding.		
26 24 19 00-0245 EA 10 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,941.23 95.27	158.78
26 24 19 00-0246 EA 25 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,545.02 110.15	183.59
26 24 19 00-0247 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,433.59 122.06	203.44
26 24 19 00-0248 EA 75 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,821.62 148.86	248.09
26 24 19 00-0249 480 Volt Combination Starters With Fusible Switch, Reduced Volt (26 24 19 00-0181) Note: Part winding.		
26 24 19 00-0250 EA 15 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,941.23 95.27	158.78
26 24 19 00-0251 EA 40 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,545.02 110.15	183.59
26 24 19 00-0252 EA 75 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,433.59 122.06	203.44
26 24 19 00-0253 EA 150 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Part Winding Starters..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,821.62 148.86	248.09
26 24 19 00-0254 230 Volt Combination Starters With Fusible Switch, Reduced Volt (26 24 19 00-0181) Note: Energy saver.		
26 24 19 00-0255 EA 7.5 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,382.32 77.41	129.01
26 24 19 00-0256 EA 15 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,621.20 95.27	158.78
26 24 19 00-0257 EA 30 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,874.09 110.15	183.59
26 24 19 00-0258 EA 50 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,159.79 122.06	203.44
26 24 19 00-0259 EA 100 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,320.19 148.86	248.09
26 24 19 00-0260 EA 200 HP, 230 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66,934.48 190.54	317.56
26 24 19 00-0261 480 Volt Combination Starters With Fusible Switch, Reduced Volt (26 24 19 00-0181) Note: Energy saver.		
26 24 19 00-0262 EA 10 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,382.32 77.41	129.01
26 24 19 00-0263 EA 25 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	21,621.20 95.27	158.78
26 24 19 00-0264 EA 50 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,874.09 110.15	183.59
26 24 19 00-0265 EA 100 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,159.79 122.06	203.44
26 24 19 00-0266 EA 200 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	49,320.19 148.86	248.09
26 24 19 00-0267 EA 400 HP, 480 Volt, Combination Starters With Fusible Switch, Reduced Volt, Energy Saver Solid State Starter With MCP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66,934.48 190.54	317.56
26 24 19 00-0268 Starter Accessories (26 24 19) Note: Additional options or accessories for the Combination Starters		
26 24 19 00-0269 Starter Modifications (26 24 19 00-0268)		
26 24 19 00-0270 EA Size 1, 2, 50 VA, 60 Hertz, Standard Control Circuit Transformer	184.28	
26 24 19 00-0271 EA Size 3, 4, 150 VA, 60 Hertz, Standard Control Circuit Transformer	356.55	
26 24 19 00-0272 EA Size 5, 6, 50 VA, 60 Hertz, Control Circuit Transformer	509.68	
26 24 19 00-0273 EA Extra 50 VA, 60 Hertz, Control Circuit Transformer, All Sizes	127.99	
26 24 19 00-0274 EA Extra 100 VA, 60 Hertz, Control Circuit Transformer, All Sizes	180.56	
26 24 19 00-0275 EA Extra 150 VA, 60 Hertz, Control Circuit Transformer, All Sizes	303.98	
26 24 19 00-0276 EA Overload Relay Heater Elements, 3 Per Starter	75.42	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0277 EA N.O. Overload Relay Alarm	64.00	
26 24 19 00-0278 EA Control Circuit Fuses, Primary/Secondary	202.20	
26 24 19 00-0279 EA Control Devices Type PB2 Mount On Device, 2 Unit Pushbutton	249.99	
26 24 19 00-0280 EA Control Devices Type PB2 Mount On Device, 3 Unit Pushbutton	488.95	
26 24 19 00-0281 EA Control Devices Type PB2 Mount On Device, 2 Or 3 Post Select	249.99	
26 24 19 00-0282 EA Control Devices Type PB2 Mount On Device, Individual Light Full V	286.75	
26 24 19 00-0283 EA Control Devices Type PB2 Mount On Device, Individual Light Transformer	345.58	
26 24 19 00-0284 EA Control Devices Type PB2 Mount On Device, Individual Light Push To	408.07	
26 24 19 00-0285 EA Blank Devices Panel	77.20	
26 24 19 00-0286 EA Oversize Or Special Color Starter	121.32	
26 24 19 00-0287 EA Mini Voltmeter/Ammeter With Current Transformer	1,040.76	
26 24 19 00-0288 EA Mini Elapsed Time Meters, Non-Resettable	941.50	
26 24 19 00-0289 EA Panel Elapsed Time Meter, Resettable	1,433.77	
26 24 19 00-0290 EA Terminal Blocks, Side Mounted, Press Connection, Plug-In Press	121.32	
26 24 19 00-0291 EA Terminal Blocks, Side Mounted, Press Connection, Plug-In Screw	172.79	
26 24 19 00-0292 EA Terminal Blocks, Front Mounted, Press Connection, Standard	121.32	
26 24 19 00-0293 EA Terminal Blocks, Front Mounted, Press Connection, Plug-In	172.79	
26 24 19 00-0294 EA Terminal Blocks, Front Mounted, Press Connection, Screw-Type Utility	172.79	
26 24 19 00-0295 EA Terminal Blocks, Front Mounted, Press Connection, Plug-In Screw Type	249.99	
26 24 19 00-0296 EA MOR - A Solid State Modular Overload Relay	621.30	
26 24 19 00-0297 EA Heater Module	77.96	
26 24 19 00-0298 EA LAM - Long Acceleration Module	484.32	
26 24 19 00-0299 EA JAM - Jam Protection Module	555.20	
26 24 19 00-0300 EA PUM - Phase Unbalance Module	1,053.69	
26 24 19 00-0301 EA ULM - Underload Module	505.58	
26 24 19 00-0302 EA Wiring To Common Control Circuit Transformer	111.04	
26 24 19 00-0303 EA Handle Operator Separable Source Control Circuit	207.90	
26 24 19 00-0304 EA Type SIS Control Wire	87.41	
26 24 19 00-0305 EA Ring Or Spade Terminals Control	111.04	
26 24 19 00-0306 EA Ring Terminals Power	111.04	
26 24 19 00-0307 EA 14 Gauge Control Wire	87.41	
26 24 19 00-0308 EA Wiremakers	111.04	
26 24 19 00-0309 EA Wiring Diagram On Door	66.15	
26 24 19 00-0310 EA Special Color Or Type Control Wire	80.33	
26 24 19 00-0311 EA Current Transformer 12.5 VA	630.80	
26 24 19 00-0312 EA Ground Fault Relay-Instant Non-Adjust, Size 1 Thru 4	2,015.24	
26 24 19 00-0313 EA Ground Fault Relay-Instant Non-Adjust, Size 5 Thru 6	2,268.03	
26 24 19 00-0314 Control Relays And Special Components (26 24 19 00-0268)		
26 24 19 00-0315 EA 600 Volt, 2 Pole, Control Relays	565.78	
26 24 19 00-0316 EA 600 Volt, 4 Pole, Control Relays	666.67	
26 24 19 00-0317 EA 600 Volt, 6 Pole, Control Relays	777.48	
26 24 19 00-0318 EA 600 Volt, 8 Pole, Control Relays	863.65	
26 24 19 00-0319 EA Pneumatic Timer, Control Relays	757.04	
26 24 19 00-0320 EA Motor Driven Timer, Control Relays	1,972.72	
26 24 19 00-0321 EA 7 Days Time Switch, Control Relays	2,482.94	
26 24 19 00-0322 EA 24 Hour Time Switch, Control Relays	696.26	
26 24 19 00-0323 EA Phase Voltage, Control Relays	1,184.37	
26 24 19 00-0324 EA Two Circuit Alternator, Control Relays	1,657.75	
26 24 19 00-0325 EA Manual 120 Volt, Control Relays	162.09	
26 24 19 00-0326 EA Over-Current Relay, Control Relays	4,507.71	
26 24 19 00-0327 EA UV-Relay, Control Relays	3,817.85	
26 24 19 00-0328 EA Over-Current Relay, Control Relays	3,817.85	
26 24 19 00-0329 EA Teleductor, Control Relays	1,221.21	
26 24 19 00-0330 EA Current Transducer, Control Relays	3,284.19	
26 24 19 00-0331 EA Watt Transducer, Control Relays	6,568.38	
26 24 19 00-0332 EA Control Relays, Blank, Add For Each 1x	222.88	
26 24 19 00-0333 EA Control Relays, Fixed Mounted Back Pan, 20" Structure With Wireway	333.39	
26 24 19 00-0334 EA Control Relays, Fixed Mounted Back Pan, 24" Structure With Wireway	375.76	
26 24 19 00-0335 EA Control Relays, Fixed Mounted Back Pan, 280" Structure With Wireway	418.12	
26 24 19 00-0336 EA Control Relays, Fixed Mounted Back Pan, 20" Structure Without Wireway	375.76	
26 24 19 00-0337 EA Control Relays, Fixed Mounted Back Pan, 24" Structure Without Wireway	418.12	
26 24 19 00-0338 EA Control Relays, Fixed Mounted Back Pan, 2820" Structure Without Wireway	440.22	
26 24 19 00-0339 Circuit Breaker Modifications/Accessories (26 24 19 00-0268)		
26 24 19 00-0340 EA Shunt Trip, Circuit Breaker	396.02	
26 24 19 00-0341 EA Auxiliary Switch, Circuit Breaker	136.79	
26 24 19 00-0342 EA Key Interlock, Circuit Breaker	491.99	
26 24 19 00-0343 EA GFR Ground Fault, Circuit Breaker	2,268.02	
26 24 19 00-0344 EA Seltronic Breaker, Circuit Breaker	1,313.82	
26 24 19 00-0345 Incoming Line And Feeder Circuit Breakers (26 24 19 00-0268)		
26 24 19 00-0346 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100	2,489.21	64.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.70	
26 24 19 00-0347 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150	4,334.35	99.24
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	59.54	
26 24 19 00-0348 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/100	4,235.46	64.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	38.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0349 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 100/150 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,076.93 59.54	99.24
26 24 19 00-0350 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 150/150 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,856.27 59.54	99.24
26 24 19 00-0351 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 250 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,732.16 77.42	129.01
26 24 19 00-0352 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 400 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,803.38 83.38	138.93
26 24 19 00-0353 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 600 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,301.58 107.13	178.63
26 24 19 00-0354 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 800 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	12,005.11 163.79	272.90
26 24 19 00-0355 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 1200 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,956.08 247.30	411.84
26 24 19 00-0356 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2000 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37,813.59 327.20	545.81
26 24 19 00-0357 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 2500 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	56,737.46 410.46	684.74
26 24 19 00-0358 EA Incoming Line And Feeder Circuit Breaker, Standard Mold, Type A, B, 3000 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	95,280.54 476.75	793.80
26 24 19 00-0359 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,014.92 38.70	64.50
26 24 19 00-0360 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,845.36 59.54	99.24
26 24 19 00-0361 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,014.92 38.70	64.50
26 24 19 00-0362 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/50 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,845.36 59.54	99.24
26 24 19 00-0363 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50/150 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5,209.70 38.70	64.50
26 24 19 00-0364 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 150/150 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,113.65 59.54	99.24
26 24 19 00-0365 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 50 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,870.94 59.54	99.24
26 24 19 00-0366 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 100 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,591.69 59.54	99.24
26 24 19 00-0367 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 400 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,593.37 163.79	272.90
26 24 19 00-0368 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-225 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,593.37 163.79	272.90
26 24 19 00-0369 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 125-400 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,741.67 178.55	297.71
26 24 19 00-0370 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-600 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,701.02 208.31	347.33
26 24 19 00-0371 EA Incoming Line And Feeder Circuit Breaker, Current Limiting Mold, Case Circuit Breakers, 300-800 <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,647.05 247.30	411.84
26 24 19 00-0372 Incoming Line And Feeder Fusible Switches <small>(26 24 19 00-0268)</small>		
26 24 19 00-0373 EA 30 To 60 Amperes, Incoming Line And Feeder Fusible Switches.....	1,866.42	99.24
26 24 19 00-0374 EA Incoming Line And Feeder Fusible Switches, 30 Dual / 60 Dual	2,903.57	99.24
26 24 19 00-0375 EA 100 Amperes, Incoming Line And Feeder Fusible Switches.....	4,284.70	124.05
26 24 19 00-0376 EA 200 Amperes, Incoming Line And Feeder Fusible Switches.....	7,058.55	148.85
26 24 19 00-0377 EA 400 Amperes, Incoming Line And Feeder Fusible Switches.....	14,093.61	188.55
26 24 19 00-0378 EA 600 Amperes, Incoming Line And Feeder Fusible Switches.....	19,796.95	248.09
26 24 19 00-0379 EA 800 Amperes, Incoming Line And Feeder Fusible Switches.....	48,614.86	332.44
26 24 19 00-0380 EA 1,200 Amperes, Incoming Line And Feeder Fusible Switches.....	54,700.47	461.46
26 24 19 00-0381 Dry Type Distribution Transformers <small>(26 24 19 00-0268)</small>		
26 24 19 00-0382 EA 500 VA, Phase 1, Dry Type Distribution Transformers	2,507.26	
26 24 19 00-0383 EA 750 VA, Phase 1, Dry Type Distribution Transformers	2,588.14	
26 24 19 00-0384 EA 1,000 VA, Phase 1, Dry Type Distribution Transformers	2,672.69	
26 24 19 00-0385 EA 1,500 VA, Phase 1, Dry Type Distribution Transformers	3,066.06	
26 24 19 00-0386 EA 2,000 VA, Phase 1, Dry Type Distribution Transformers	3,323.41	
26 24 19 00-0387 EA 3,000 VA, Phase 1, Dry Type Distribution Transformers	2,535.00	
26 24 19 00-0388 EA 5,000 VA, Phase 1, Dry Type Distribution Transformers	4,521.89	
26 24 19 00-0389 EA 7,500 VA, Phase 1, Dry Type Distribution Transformers	5,095.40	
26 24 19 00-0390 EA 9,000 VA, Phase 3, Dry Type Distribution Transformers	11,845.15	
26 24 19 00-0391 EA 10,000 VA, Phase 1, Dry Type Distribution Transformers	6,286.53	
26 24 19 00-0392 EA 15,000 VA, Phase 1, Dry Type Distribution Transformers	8,709.24	
26 24 19 00-0393 EA 15,000 VA, Phase 3, Dry Type Distribution Transformers	13,573.03	
26 24 19 00-0394 EA 20,000 VA, Phase 1, Dry Type Distribution Transformers	12,569.39	
26 24 19 00-0395 EA 30,000 VA, Phase 1, Dry Type Distribution Transformers	17,418.47	
26 24 19 00-0396 EA 30,000 VA, Phase 3, Dry Type Distribution Transformers	12,119.80	
26 24 19 00-0397 EA 45,000 VA, Phase 1, Dry Type Distribution Transformers	16,788.16	
26 24 19 00-0398 Metering Equipment <small>(26 24 19 00-0268)</small>		
26 24 19 00-0399 EA Metering Equipment, Voltmeter, Panel Type	1,183.78	
26 24 19 00-0400 EA Metering Equipment, Voltmeter, Switchboard Type	2,588.14	
26 24 19 00-0401 EA Metering Equipment, Ammeter, Panel	1,066.14	
26 24 19 00-0402 EA Metering Equipment, Ammeter, Switchboard Type.....	2,588.14	
26 24 19 00-0403 EA Metering Equipment, Voltmeter/Ammeter, Switch	1,437.45	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0404	EA	Metering Equipment, Control Switch, 4 Circuits.....	1,525.68	
26 24 19 00-0405	EA	Add For Additional Circuits	129.94	
26 24 19 00-0406	EA	Metering Equipment, Indicating Wattmeter.....	5,338.04	
26 24 19 00-0407	EA	Metering Equipment, Indicating Power Factor	5,591.70	
26 24 19 00-0408	EA	Metering Equipment, Integrating Watt-hour	4,929.96	
26 24 19 00-0409	EA	Add For Demand Attachment	850.51	
26 24 19 00-0410	EA	800 Amperes, Metering Equipment, Current Transformer	1,474.21	
26 24 19 00-0411	EA	1,000 Amperes, Metering Equipment, Current Transformer	2,544.02	
26 24 19 00-0412	EA	2,000 Amperes, Metering Equipment, Current Transformer	2,963.13	
26 24 19 00-0413	EA	Metering Equipment, Potential Transformer	2,470.50	
26 24 19 00-0414	EA	Metering Equipment, Surge Arrester	2,657.99	
26 24 19 00-0415	EA	Metering Equipment, Ground Detector System	2,033.01	
26 24 19 00-0416		Current Limiting Reactors (26 24 19 00-0268)		
26 24 19 00-0417	EA	600 Amperes, Current Limiting Reactors.....	45,376.99	
26 24 19 00-0418	EA	800 Amperes, Current Limiting Reactors.....	66,082.11	
26 24 19 00-0419	EA	1,000 Amperes, Current Limiting Reactors.....	86,835.02	
26 24 19 00-0420	EA	1,200 Amperes, Current Limiting Reactors.....	132,178.93	
26 24 19 00-0421		Incoming Line Cable Space Requirements, Main Lugs Only (26 24 19 00-0268)		
26 24 19 00-0422	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Screw.....	495.96	
26 24 19 00-0423	EA	Incoming Line Cable Space Requirement, 350 MCC, 2 Crimp.....	495.96	
26 24 19 00-0424	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Screw.....	685.67	
26 24 19 00-0425	EA	Incoming Line Cable Space Requirement, 350 MCC, 4 Crimp.....	1,254.77	
26 24 19 00-0426	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Screw.....	685.67	
26 24 19 00-0427	EA	Incoming Line Cable Space Requirement, 600 MCC, 2 Crimp.....	875.37	
26 24 19 00-0428	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Screw.....	875.37	
26 24 19 00-0429	EA	Incoming Line Cable Space Requirement, 600 MCC, 4 Crimp.....	1,252.48	
26 24 19 00-0430	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Screw.....	875.37	
26 24 19 00-0431	EA	Incoming Line Cable Space Requirement, 750 MCC, 2 Crimp.....	1,252.48	
26 24 19 00-0432	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Screw.....	1,065.07	
26 24 19 00-0433	EA	Incoming Line Cable Space Requirement, 750 MCC, 4 Crimp.....	3,453.47	
26 24 19 00-0434	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Screw.....	1,065.07	
26 24 19 00-0435	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 2 Crimp.....	1,252.48	
26 24 19 00-0436	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Screw.....	3,453.47	
26 24 19 00-0437	EA	Incoming Line Cable Space Requirement, 1,000 MCC, 4 Crimp.....	3,453.47	
26 24 19 00-0438	EA	Bus Duct Transition Pull Box	1,065.10	
26 24 19 00-0439	EA	Throat And Transition To Substation	2,056.17	
26 24 19 00-0440	EA	Service Entrance Label.....	445.29	
26 24 19 00-0441	EA	Type W To 5 Star - 10" Transition.....	930.78	
26 24 19 00-0442	EA	600 Amperes, Sub Feed Lugs On Main Bus.....	564.65	
26 24 19 00-0443		Standard Structures And Structure Options/Modifications (26 24 19 00-0268)		
26 24 19 00-0444	EA	Standard Structure Add For Each Additional 4" Of Structure Width.....	294.04	
26 24 19 00-0445	EA	Standard Structure Add For 8" Vertical Wireway In Lieu Of 4"	294.04	
26 24 19 00-0446	EA	Standard Structure Single Corner Section "L", 16" Depth.....	909.62	
26 24 19 00-0447	EA	Standard Structure Single Corner Section "L", 21" Depth.....	1,025.97	
26 24 19 00-0448	EA	Standard Structure Unused Space/Future Space.....	87.79	
26 24 19 00-0449	EA	Standard Structure NEMA 12 Dustproof.....	236.92	
26 24 19 00-0450	EA	Standard Structure Bottom Plate For NEMA 1 Gasket Enclosure	49.71	
26 24 19 00-0451	EA	Standard Structure 150 Watt Space	213.66	
26 24 19 00-0452	EA	Standard Structure Thermostat For Space Heater Control	687.50	
26 24 19 00-0453	EA	Standard Structure Rear Hinged Structure Door, 72" High.....	213.66	
26 24 19 00-0454	EA	Standard Structure NEMA 2 Drip Shield On Top Of MCC	444.16	
26 24 19 00-0455	EA	Standard Structure NEMA 3R N-Walk In Front Mounted.....	6,336.31	
26 24 19 00-0456	EA	Standard Structure NEMA 3R N-Walk In Back-to-back	7,323.85	
26 24 19 00-0457	EA	Standard Structure NEMA 3R Walk-In Aisle Front Mounted.....	7,330.94	
26 24 19 00-0458		Installation Hours For Vertical Sections (26 24 19 00-0268)		
26 24 19 00-0459	EA	Install Vertical Section, 230/480 Volt, 1 Section, 600 Amperes	595.40	297.71
26 24 19 00-0460	EA	Install Vertical Section, 230/480 Volt, 2 Section, 600 Amperes	893.10	446.57
26 24 19 00-0461	EA	Install Vertical Section, 230/480 Volt, 3 Section, 600 Amperes	992.37	496.19
26 24 19 00-0462	EA	Install Vertical Section, 230/480 Volt, 4 Section, 600 Amperes	1,190.96	595.43
26 24 19 00-0463	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 600 Amperes	99.24	49.62
26 24 19 00-0464	EA	Install Vertical Section, 230/480 Volt, 1 Section, 800 Amperes	595.40	297.71
26 24 19 00-0465	EA	Install Vertical Section, 230/480 Volt, 2 Section, 800 Amperes	893.10	446.57
26 24 19 00-0466	EA	Install Vertical Section, 230/480 Volt, 3 Section, 800 Amperes	992.37	496.19
26 24 19 00-0467	EA	Install Vertical Section, 230/480 Volt, 4 Section, 800 Amperes	1,190.96	595.43
26 24 19 00-0468	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 800 Amperes	99.24	49.62
26 24 19 00-0469	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,200 Amperes	694.68	347.33
26 24 19 00-0470	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,200 Amperes	893.10	446.57
26 24 19 00-0471	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,200 Amperes	1,190.96	595.43
26 24 19 00-0472	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,200 Amperes	1,389.15	694.56
26 24 19 00-0473	EA	Bolt To Floor, Vertical Section, 230/480 Volt, 1,200 Amperes	148.85	74.43
26 24 19 00-0474	EA	Install Vertical Section, 230/480 Volt, 1 Section, 1,600 Amperes	793.90	396.95
26 24 19 00-0475	EA	Install Vertical Section, 230/480 Volt, 2 Section, 1,600 Amperes	1,091.70	545.81
26 24 19 00-0476	EA	Install Vertical Section, 230/480 Volt, 3 Section, 1,600 Amperes	1,389.15	694.56
26 24 19 00-0477	EA	Install Vertical Section, 230/480 Volt, 4 Section, 1,600 Amperes	1,587.53	793.80

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0478 EA Bolt To Floor, Vertical Section, 230/480 Volt, 1,600 Amperes	198.47	99.24
26 24 19 00-0479 EA Install Vertical Section, 230/480 Volt, 1 Section, 2,000 Amperes	793.90	396.95
26 24 19 00-0480 EA Install Vertical Section, 230/480 Volt, 2 Section, 2,000 Amperes	1,190.96	595.43
26 24 19 00-0481 EA Install Vertical Section, 230/480 Volt, 3 Section, 2,000 Amperes	1,488.40	744.18
26 24 19 00-0482 EA Install Vertical Section, 230/480 Volt, 4 Section, 2,000 Amperes	1,687.14	843.62
26 24 19 00-0483 EA Bolt To Floor, Vertical Section, 230/480 Volt, 2,000 Amperes	198.47	99.24
26 24 19 00-0484 Motor Control Centers (26 24 19)		
26 24 19 00-0485 2.4 KV Motor Control Centers (26 24 19 00-0484)		
26 24 19 00-0486 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 100 To 300 Hp	17,196.14	198.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	119.09	
26 24 19 00-0487 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 400 Hp	17,196.14	198.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	119.09	
26 24 19 00-0488 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 600 Hp	17,196.14	198.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	119.09	
26 24 19 00-0489 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 700 Hp	17,245.79	223.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	133.98	
26 24 19 00-0490 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,000 Hp	18,312.58	248.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	148.86	
26 24 19 00-0491 EA 2,400 KV CL 11-202, Squirrel Cage Motor Control, 1,250 Hp	18,362.18	272.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	163.74	
26 24 19 00-0492 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,500 Hp	18,411.79	297.71
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	178.62	
26 24 19 00-0493 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 1,750 Hp	18,511.07	347.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	208.40	
26 24 19 00-0494 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,000 Hp	18,610.29	396.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	238.17	
26 24 19 00-0495 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,250 Hp	31,388.52	446.57
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	267.93	
26 24 19 00-0496 EA 2.4 KV CL 11-202, Squirrel Cage Motor Control, 2,500 Hp	33,686.58	496.19
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	297.71	
26 24 19 00-0497 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 100 Hp	25,535.12	198.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	119.09	
26 24 19 00-0498 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 150 Hp	26,600.59	213.36
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	128.02	
26 24 19 00-0499 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 200 Hp	30,222.05	233.21
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	139.92	
26 24 19 00-0500 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 300 Hp	33,642.49	248.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	148.86	
26 24 19 00-0501 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 400 Hp	36,598.84	287.79
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	172.68	
26 24 19 00-0502 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 600 Hp	40,101.09	307.63
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	184.58	
26 24 19 00-0503 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 700 Hp	43,601.27	327.49
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	196.48	
26 24 19 00-0504 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,000 Hp	47,752.27	357.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	214.36	
26 24 19 00-0505 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,250 Hp	55,572.63	396.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	238.17	
26 24 19 00-0506 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,500 Hp	60,211.00	421.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	253.07	
26 24 19 00-0507 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 1,750 Hp	91,985.43	496.19
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	297.71	
26 24 19 00-0508 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,000 Hp	98,003.01	545.81
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	327.51	
26 24 19 00-0509 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,250 Hp	103,239.64	595.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	357.29	
26 24 19 00-0510 EA 2.4 KV CL 13-202, Wound Rotor Motor Control, 2,500 Hp	112,417.75	645.14
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	387.09	
26 24 19 00-0511 EA 2.4 KV CL 14-202, Synchronous Motor Control, 100 To 300 Hp	24,090.49	198.47
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	119.09	
26 24 19 00-0512 EA 2.4 KV CL 14-202, Synchronous Motor Control, 400 Hp	24,140.14	223.28
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	133.98	
26 24 19 00-0513 EA 2.4 KV CL 14-202, Synchronous Motor Control, 600 Hp	24,189.73	248.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	148.86	
26 24 19 00-0514 EA 2.4 KV CL 14-202, Synchronous Motor Control, 700 Hp	24,239.33	272.90
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	163.74	
26 24 19 00-0515 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,000 Hp	24,293.05	297.71
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	178.62	
26 24 19 00-0516 EA 2,400 Volt CL 14-202, Synchronous Motor Control, 1,250 HP	24,342.72	322.52
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	193.52	
26 24 19 00-0517 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,500 Hp	24,392.33	347.33
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	208.40	
26 24 19 00-0518 EA 2.4 KV CL 14-202, Synchronous Motor Control, 1,750 Hp	24,590.75	446.57
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	267.93	
26 24 19 00-0519 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,000 Hp	41,957.74	496.19
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	297.71	
26 24 19 00-0520 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,250 Hp	42,057.07	545.81
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	327.51	
26 24 19 00-0521 EA 2.4 KV CL 14-202, Synchronous Motor Control, 2,500 Hp	44,342.80	595.43
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	357.29	
26 24 19 00-0522 EA Add For Reversing Starters, 100 To 700 HP	9,466.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	59.54	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
26 24 19 00-0523	EA	Add For Reversing Starters, 1,000 To 1,500 Hp <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,753.97 59.54	
26 24 19 00-0524	EA	Add For Reversing Starters, 1,750 To 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14,942.72 59.54	
26 24 19 00-0525		4.8 KV Motor Control Centers <small>(26 24 19 00-0484)</small>		
26 24 19 00-0526	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 100 To 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,699.49 178.62	297.71
26 24 19 00-0527	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,749.16 193.52	322.52
26 24 19 00-0528	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,798.77 208.40	347.33
26 24 19 00-0529	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	18,848.41 223.30	372.14
26 24 19 00-0530	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,904.91 238.17	396.95
26 24 19 00-0531	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,954.58 253.07	421.76
26 24 19 00-0532	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,004.11 267.93	446.57
26 24 19 00-0533	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,053.82 282.84	471.38
26 24 19 00-0534	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	20,103.38 297.71	496.19
26 24 19 00-0535	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34,097.54 387.09	645.14
26 24 19 00-0536	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34,196.38 416.75	694.56
26 24 19 00-0537	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,484.15 446.52	744.18
26 24 19 00-0538	EA	4.8 KV CL 11-202, Squirrel Cage Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36,583.28 476.26	793.80
26 24 19 00-0539	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 100 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,025.37 178.62	297.71
26 24 19 00-0540	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 150 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26,362.73 193.52	322.52
26 24 19 00-0541	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 200 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	30,748.28 208.40	347.33
26 24 19 00-0542	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 300 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	34,178.31 223.30	372.14
26 24 19 00-0543	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 400 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37,104.82 238.17	396.95
26 24 19 00-0544	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40,617.07 253.07	421.76
26 24 19 00-0545	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	43,913.42 267.93	446.57
26 24 19 00-0546	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48,268.25 282.84	471.38
26 24 19 00-0547	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	55,921.11 297.71	496.19
26 24 19 00-0548	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61,120.45 312.60	521.00
26 24 19 00-0549	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	66,369.42 342.38	570.62
26 24 19 00-0550	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	70,711.88 357.29	595.43
26 24 19 00-0551	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	74,807.58 372.14	620.24
26 24 19 00-0552	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	80,539.35 387.09	645.14
26 24 19 00-0553	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	127,709.92 476.26	793.80
26 24 19 00-0554	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	142,029.76 506.14	843.62
26 24 19 00-0555	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	170,743.96 535.86	893.14
26 24 19 00-0556	EA	4.8 KV CL 13-202, Wound Rotor Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	180,617.98 535.86	893.14
26 24 19 00-0557	EA	4.8 KV CL 14-202, Synchronous Motor Control, 100 To 600 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,689.00 208.40	347.33
26 24 19 00-0558	EA	4.8 KV CL 14-202, Synchronous Motor Control, 700 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,738.64 223.30	372.14
26 24 19 00-0559	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,788.22 238.17	396.95
26 24 19 00-0560	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	25,837.89 253.07	421.76
26 24 19 00-0561	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,053.34 267.93	446.57
26 24 19 00-0562	EA	4.8 KV CL 14-202, Synchronous Motor Control, 1,750 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,103.05 282.84	471.38
26 24 19 00-0563	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,152.61 297.71	496.19
26 24 19 00-0564	EA	4.8 KV CL 14-202, Synchronous Motor Control, 2,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,202.25 312.60	521.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0565 EA 4.8 KV CL 14-202, Synchronous Motor Control, 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,251.94 327.51	545.81
26 24 19 00-0566 EA 4.8 KV CL 14-202, Synchronous Motor Control, 3,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	28,549.39 416.75	694.56
26 24 19 00-0567 EA 4.8 KV CL 14-202, Synchronous Motor Control, 3,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46,204.05 446.52	744.18
26 24 19 00-0568 EA 4.8 KV CL 14-202, Synchronous Motor Control, 4,000 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48,481.43 476.26	793.80
26 24 19 00-0569 EA 4.8 KV CL 14-202, Synchronous Motor Control, 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48,481.43 476.26	793.80
26 24 19 00-0570 EA Add For Reversing Starters, 100 To 1,250 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,506.32 59.54	
26 24 19 00-0571 EA Add For Reversing Starters, 1,500 To 2,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	10,826.30 59.54	
26 24 19 00-0572 EA Add For Reversing Starters, 3,000 To 4,500 HP <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16,597.32 59.54	
26 24 19 00-0573 2.4/4.8 KV Motor Control Centers, Accessories <small>(26 24 19 00-0484)</small>		
26 24 19 00-0574 EA 2.4/4.8 KV Load Break Disconnect Switch 600 Amperes	13,653.16	198.47
26 24 19 00-0575 EA 2.4/4.8 KV Load Break Disconnect Switch 1,200 Amperes	16,390.86	297.71
26 24 19 00-0576 EA 2.4/4.8 KV NEMA 3 Weather Resistant	5,396.19	
26 24 19 00-0577 EA 2.4/4.8 KV Space Heaters	261.01	14.88
26 24 19 00-0578 EA 2.4/4.8 KV Potential Transformer Fused	1,563.32	
26 24 19 00-0579 EA 2.4/4.8 KV Current Transformer 600 Volt, 5 KVA	838.80	
26 24 19 00-0580 EA 2.4/4.8 KV Control Transformer 4 KVA Max	2,498.11	
26 24 19 00-0581 EA 2.4/4.8 KV Pushbuttons Each	159.99	
26 24 19 00-0582 EA 2.4/4.8 KV Selector Switch Each	530.25	
26 24 19 00-0583 EA 2.4/4.8 KV Indicating Light	159.99	
26 24 19 00-0584 EA 2.4/4.8 KV Push To Test Light	484.54	
26 24 19 00-0585 EA 2.4/4.8 KV AC Voltmeter, Switchboard Type	1,289.05	
26 24 19 00-0586 EA 2.4/4.8 KV AC Ammeter, Switchboard Type	1,289.05	
26 24 19 00-0587 EA 2.4/4.8 KV Power Factor Meter	3,855.73	
26 24 19 00-0588 EA 2.4/4.8 KV Watt Hr Meter, 2 Element Drawout	2,658.10	
26 24 19 00-0589 EA 2.4/4.8 KV Operation Counter	514.31	14.88
26 24 19 00-0590 EA 2.4/4.8 KV Phase Failure Protection	3,714.99	49.62
26 24 19 00-0591 EA 2.4/4.8 KV Ground Protection	7,116.55	24.81
26 24 19 00-0592 EA 2.4/4.8 KV Synchronous Motor DC Protection	2,852.57	24.81
26 24 19 00-0593 EA 2.4/4.8 KV Lightning Arresters	5,210.81	14.88
26 24 19 00-0594 EA 2.4/4.8 KV Portable Lifting Mechanism	7,552.22	
26 24 19 00-0595 EA 2.4/4.8 KV Auxiliary Timing Relay	589.54	49.62
26 24 19 00-0596 EA 2.4/4.8 KV Auxiliary Control Relay	423.47	49.62
26 24 19 00-0597 Incoming Section And Feeder Air Circuit Breakers <small>(26 24 19 00-0484)</small>		
Note: 3 Pole. Includes structure.		
26 24 19 00-0598 EA Incoming Section MCC, Air Circuit Breaker, 70 - 100 Amperes, 14,000 Ampere IC, 3-Pole, With Structure Included	1,222.51	297.64
26 24 19 00-0599 EA Incoming Section MCC, Air Circuit Breaker, 125 - 225 Amperes, 22,000 Ampere IC, 3-Pole, With Structure Included	2,117.89	526.85
26 24 19 00-0600 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	2,513.48	674.58
26 24 19 00-0601 EA Incoming Section MCC, Air Circuit Breaker, 125 - 600 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,047.13	1,086.29
26 24 19 00-0602 EA Incoming Section MCC, Air Circuit Breaker, 125 - 1,200 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	4,779.10	1,194.92
26 24 19 00-0603 EA Incoming Section MCC, Air Circuit Breaker, 125 - 2,000 Amperes, 30,000 Ampere IC, 3-Pole, With Structure Included	6,249.48	1,325.27
26 24 19 00-0604 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 45,000 Ampere IC, 3-Pole, With Structure Included	7,268.91	1,553.39
26 24 19 00-0605 EA Incoming Section MCC, Air Circuit Breaker, 125 - 400 Amperes, 100,000 Ampere IC, 3-Pole, With Structure Included	12,914.45	1,809.75
26 24 19 00-0606 Main Lugs Only <small>(26 24 19 00-0484)</small>		
26 24 19 00-0607 EA 600 Amperes Incoming Section, Main Lugs	924.60	380.20
26 24 19 00-0608 EA 800 Amperes Incoming Section, Main Lugs	1,001.51	380.20
26 24 19 00-0609 EA 1,200 Amperes Incoming Section, Main Lugs	1,391.51	597.45
26 24 19 00-0610 EA 2,000 Amperes Incoming Section, Main Lugs	3,561.84	1,086.29
26 24 19 00-0611 EA 3,000 Amperes Incoming Section, Main Lugs	5,438.46	1,575.11
26 24 19 00-0612 EA 4,000 Amperes Incoming Section, Main Lugs	7,804.06	2,172.57
26 24 19 00-0613 Incoming Main Circuit Breaker Structure <small>(26 24 19 00-0484)</small>		
Note: Includes structure, main breaker, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0614 EA 225 Amperes, Main Circuit Breaker Section	6,925.32	525.66
<i>For NEMA 1 With Gaskets, Add</i>	97.00	
<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
<i>For 20" Cabinet Depth, Add</i>	108.00	
<i>For NEMA 12, Add</i>	245.00	
<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0615	EA		400 Amperes, Main Circuit Breaker Section	14,858.50	675.24
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0616	EA		600 Amperes, Main Circuit Breaker Section	15,302.11	1,051.74
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0617	EA		800 Amperes, Main Circuit Breaker Section	21,900.42	1,051.74
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0618	EA		1,200 Amperes, Main Circuit Breaker Section	31,817.24	1,190.03
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0619			Incoming Fusible Main Disconnect Section <small>(26 24 19 00-0484)</small>		
			Note: Includes structure, fuses, 42 KA bus bracing, 600 A tin plated copper bus, NEMA 1 enclosure, 15" cabinet depth, and 1/4" x 2" tin plated copper horizontal ground bus.		
26 24 19 00-0620	EA		200 Amperes, Fusible Main Disconnect Section	5,988.34	526.31
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0621	EA		400 Amperes, Fusible Main Disconnect Section	8,286.55	675.56
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0622	EA		600 Amperes, Fusible Main Disconnect Section	16,284.34	1,052.61
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0623	EA		800 Amperes, Fusible Main Disconnect Section	18,991.09	1,052.61
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0624	EA		1,200 Amperes, Fusible Main Disconnect Section	26,850.85	1,191.11
			<i>For NEMA 1 With Gaskets, Add</i>	97.00	
			<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
			<i>For 20" Cabinet Depth, Add</i>	108.00	
			<i>For NEMA 12, Add</i>	245.00	
			<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
26 24 19 00-0625			Circuit Breaker Combination Starters <small>(26 24 19 00-0484)</small>		
26 24 19 00-0626			Class I, Type A <small>(26 24 19 00-0625)</small>		
26 24 19 00-0627	EA		Size 1, Class I, Type A Circuit Breaker Combination Starter	1,032.52	220.51
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	125.73	
26 24 19 00-0628	EA		Size 2, Class I, Type A Circuit Breaker Combination Starter	1,204.72	220.51
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	139.27	
26 24 19 00-0629	EA		Size 3, Class I, Type A Circuit Breaker Combination Starter	1,756.56	312.85
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	187.29	
26 24 19 00-0630	EA		Size 4, Class I, Type A Circuit Breaker Combination Starter	2,890.45	411.71
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	246.88	
26 24 19 00-0631	EA		Size 5, Class I, Type A Circuit Breaker Combination Starter	5,247.48	514.90
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	308.60	
26 24 19 00-0632			Class I, Type B <small>(26 24 19 00-0625)</small>		
26 24 19 00-0633	EA		Size 1, Class I, Type B Circuit Breaker Combination Starter	982.57	192.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	108.63	
26 24 19 00-0634	EA		Size 2, Class I, Type B Circuit Breaker Combination Starter	1,148.27	192.27
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	122.33	
26 24 19 00-0635	EA		Size 3, Class I, Type B Circuit Breaker Combination Starter	1,689.33	278.09
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	167.12	
26 24 19 00-0636	EA		Size 4, Class I, Type B Circuit Breaker Combination Starter	2,821.87	376.94
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	226.31	
26 24 19 00-0637	EA		Size 5, Class I, Type B Circuit Breaker Combination Starter	5,192.17	481.23
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	292.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0638 Class I, Type C <small>(26 24 19 00-0625)</small>		
26 24 19 00-0639 EA Size 1, Class I, Type C Circuit Breaker Combination Starter 1,043.49	1,043.49	178.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	98.40	
26 24 19 00-0640 EA Size 2, Class I, Type C Circuit Breaker Combination Starter 1,218.55	1,218.55	178.15
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	115.56	
26 24 19 00-0641 EA Size 3, Class I, Type C Circuit Breaker Combination Starter 1,816.47	1,816.47	266.14
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	159.75	
26 24 19 00-0642 EA Size 4, Class I, Type C Circuit Breaker Combination Starter 2,955.20	2,955.20	368.25
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	220.79	
26 24 19 00-0643 EA Size 5, Class I, Type C Circuit Breaker Combination Starter 5,318.01	5,318.01	472.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	282.89	
26 24 19 00-0644 Class II, Type B <small>(26 24 19 00-0625)</small>		
26 24 19 00-0645 EA Size 1, Class II, Type B Circuit Breaker Combination Starter 1,023.68	1,023.68	263.97
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	149.22	
26 24 19 00-0646 EA Size 2, Class II, Type B Circuit Breaker Combination Starter 1,431.73	1,431.73	263.97
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	166.61	
26 24 19 00-0647 EA Size 3, Class II, Type B Circuit Breaker Combination Starter 2,040.06	2,040.06	351.96
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	210.52	
26 24 19 00-0648 EA Size 4, Class II, Type B Circuit Breaker Combination Starter 3,362.23	3,362.23	450.81
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	271.57	
26 24 19 00-0649 EA Size 5, Class II, Type B Circuit Breaker Combination Starter 6,133.45	6,133.45	550.75
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	331.19	
26 24 19 00-0650 Class II, Type C <small>(26 24 19 00-0625)</small>		
26 24 19 00-0651 EA Size 1, Class II, Type C Circuit Breaker Combination Starter 1,296.21	1,296.21	249.85
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	142.94	
26 24 19 00-0652 EA Size 2, Class II, Type C Circuit Breaker Combination Starter 1,491.73	1,491.73	249.85
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	156.08	
26 24 19 00-0653 EA Size 3, Class II, Type C Circuit Breaker Combination Starter 2,172.95	2,172.95	341.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	204.19	
26 24 19 00-0654 EA Size 4, Class II, Type C Circuit Breaker Combination Starter 3,487.60	3,487.60	439.95
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	263.66	
26 24 19 00-0655 EA Size 5, Class II, Type C Circuit Breaker Combination Starter 6,274.13	6,274.13	543.14
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	327.20	
26 24 19 00-0656 Fused Disconnect Combination Starter <small>(26 24 19 00-0484)</small>		
26 24 19 00-0657 Class I, Type A <small>(26 24 19 00-0656)</small>		
26 24 19 00-0658 EA Size 1, Class I, Type A Fused Disconnect Combination Starter 939.41	939.41	203.13
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	122.33	
26 24 19 00-0659 EA Size 2, Class I, Type A Fused Disconnect Combination Starter 1,422.67	1,422.67	278.09
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	166.61	
26 24 19 00-0660 EA Size 3, Class I, Type A Fused Disconnect Combination Starter 2,277.65	2,277.65	361.73
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	217.26	
26 24 19 00-0661 EA Size 4, Class I, Type A Fused Disconnect Combination Starter 3,113.02	3,113.02	507.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	305.14	
26 24 19 00-0662 EA Size 5, Class I, Type A Fused Disconnect Combination Starter 5,504.47	5,504.47	646.34
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	387.96	
26 24 19 00-0663 Class I, Type B <small>(26 24 19 00-0656)</small>		
26 24 19 00-0664 EA Size 1, Class I, Type B Fused Disconnect Combination Starter 962.19	962.19	181.41
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	108.63	
26 24 19 00-0665 EA Size 2, Class I, Type B Fused Disconnect Combination Starter 1,294.86	1,294.86	248.76
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	149.22	
26 24 19 00-0666 EA Size 3, Class I, Type B Fused Disconnect Combination Starter 1,923.15	1,923.15	332.40
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	199.68	
26 24 19 00-0667 EA Size 4, Class I, Type B Fused Disconnect Combination Starter 3,232.72	3,232.72	480.13
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	288.91	
26 24 19 00-0668 EA Size 5, Class I, Type B Fused Disconnect Combination Starter 5,609.34	5,609.34	610.50
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	366.99	
26 24 19 00-0669 Class I, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0670 EA Size 1, Class I, Type C Fused Disconnect Combination Starter 1,022.92	1,022.92	169.46
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	101.71	
26 24 19 00-0671 EA Size 2, Class I, Type C Fused Disconnect Combination Starter 1,374.14	1,374.14	230.29
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	139.27	
26 24 19 00-0672 EA Size 3, Class I, Type C Fused Disconnect Combination Starter 2,098.38	2,098.38	320.45
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	193.98	
26 24 19 00-0673 EA Size 4, Class I, Type C Fused Disconnect Combination Starter 3,406.92	3,406.92	472.54
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	282.89	
26 24 19 00-0674 EA Size 5, Class I, Type C Fused Disconnect Combination Starter 5,301.24	5,301.24	603.97
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	362.10	
26 24 19 00-0675 Class II, Type B <small>(26 24 19 00-0656)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0676 EA Size 1, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,208.30 152.57	254.19
26 24 19 00-0677 EA Size 2, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,563.41 189.91	317.19
26 24 19 00-0678 EA Size 3, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,277.55 244.66	408.45
26 24 19 00-0679 EA Size 4, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,731.48 331.19	550.75
26 24 19 00-0680 EA Size 5, Class II, Type B Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,452.84 411.47	687.62
26 24 19 00-0681 Class II, Type C <small>(26 24 19 00-0656)</small>		
26 24 19 00-0682 EA Size 1, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,259.97 142.94	238.98
26 24 19 00-0683 EA Size 2, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,642.33 179.85	299.82
26 24 19 00-0684 EA Size 3, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,426.42 234.11	389.97
26 24 19 00-0685 EA Size 4, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,889.24 323.30	537.71
26 24 19 00-0686 EA Size 5, Class II, Type C Fused Disconnect Combination Starter <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,606.76 399.37	665.89
26 24 19 00-0687 Space Complete With Bus And Hardware <small>(26 24 19 00-0484)</small>		
26 24 19 00-0688 Circuit Breaker Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0689 EA Circuit Breaker Type, Size 1 Space Complete With Bus And Hardware.....	287.59	73.87
26 24 19 00-0690 EA Circuit Breaker Type, Size 2 Space Complete With Bus And Hardware.....	287.59	73.87
26 24 19 00-0691 EA Circuit Breaker Type, Size 3 Space Complete With Bus And Hardware.....	427.88	107.55
26 24 19 00-0692 EA Circuit Breaker Type, Size 4 Space Complete With Bus And Hardware.....	504.14	141.22
26 24 19 00-0693 EA Circuit Breaker Type, Size 5 Space Complete With Bus And Hardware.....	852.48	215.08
26 24 19 00-0694 Fused Disconnect Type <small>(26 24 19 00-0687)</small>		
26 24 19 00-0695 EA Fused Disconnect Type, Size 1 Space Complete With Bus And Hardware.....	287.59	73.87
26 24 19 00-0696 EA Fused Disconnect Type, Size 2 Space Complete With Bus And Hardware.....	378.61	107.55
26 24 19 00-0697 EA Fused Disconnect Type, Size 3 Space Complete With Bus And Hardware.....	528.25	141.22
26 24 19 00-0698 EA Fused Disconnect Type, Size 4 Space Complete With Bus And Hardware.....	919.77	215.08
26 24 19 00-0699 EA Fused Disconnect Type, Size 5 Space Complete With Bus And Hardware.....	1,278.62	312.85
26 24 19 00-0700 Blank Space For Future Expansion <small>(26 24 19 00-0687)</small>		
Note: Factory modified no labor costs.		
26 24 19 00-0701 EA Blank Space For Future Expansion, Size 1 Factory Modified, No Crew Costs	140.40	
26 24 19 00-0702 EA Blank Space For Future Expansion, Size 2 Factory Modified, No Crew Costs	140.40	
26 24 19 00-0703 EA Blank Space For Future Expansion, Size 3 Factory Modified, No Crew Costs	212.86	
26 24 19 00-0704 EA Blank Space For Future Expansion, Size 4 Factory Modified, No Crew Costs	212.86	
26 24 19 00-0705 EA Blank Space For Future Expansion, Size 5 Factory Modified, No Crew Costs	423.46	
26 24 19 00-0706 Structure Combination Of Starters To 72" High <small>(26 24 19 00-0687)</small>		
26 24 19 00-0707 EA Structure Combination Of Starters To 72" High	3,425.85	571.71
26 24 19 00-0708 Motor Control Center Basic Distribution Section <small>(26 24 19 00-0484)</small>		
26 24 19 00-0709 EA 20" Wide Basic Section With Vertical Wireway	5,596.10	1,488.86
<i>For 600 Amperes, Tin Plated Copper Vertical, Add</i>	210.00	
<i>For NEMA 12, Add</i>	245.00	
<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
<i>For NEMA 1 With Gasket, Add</i>	97.00	
<i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i>	402.00	
<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
<i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i>	506.00	
<i>For 20" Cabinet Depth, Add</i>	108.00	
26 24 19 00-0710 EA 25" To 35" Wide Basic Section (No Vertical Wireway).....	5,596.10	1,488.86
<i>For 600 Amperes, Tin Plated Copper Vertical, Add</i>	210.00	
<i>For NEMA 12, Add</i>	245.00	
<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
<i>For NEMA 1 With Gasket, Add</i>	97.00	
<i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i>	402.00	
<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
<i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i>	506.00	
<i>For 20" Cabinet Depth, Add</i>	108.00	
26 24 19 00-0711 EA 25" Wide Basic Section With 9" Wide Vertical Wireway.....	6,213.08	1,488.86
<i>For 600 Amperes, Tin Plated Copper Vertical, Add</i>	210.00	
<i>For NEMA 12, Add</i>	245.00	
<i>For 800 Amperes, Tin Plated Copper Bus, Add</i>	182.00	
<i>For NEMA 1 With Gasket, Add</i>	97.00	
<i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i>	402.00	
<i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i>	334.00	
<i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i>	506.00	
<i>For 20" Cabinet Depth, Add</i>	108.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0712 EA Corner Section..... <i>For 600 Amperes, Tin Plated Copper Vertical, Add</i> <i>For NEMA 12, Add</i> <i>For 800 Amperes, Tin Plated Copper Bus, Add</i> <i>For NEMA 1 With Gasket, Add</i> <i>For 1,600 Amperes, Tin Plated Copper Bus, Add</i> <i>For 1,200 Amperes, Tin Plated Copper Bus, Add</i> <i>For 2,000 Amperes, Tin Plated Copper Bus, Add</i> <i>For 20" Cabinet Depth, Add</i>	6,213.08 210.00 245.00 182.00 97.00 402.00 334.00 506.00 108.00	1,488.86
26 24 19 00-0713 Motor Control Center Starters With HMCP Circuit Breaker <small>(26 24 19 00-0484)</small> Note: Includes door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0714 FVNR Starters With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0715 EA Class 1, Type A, Size 1 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,491.74 125.46	209.11
26 24 19 00-0716 EA Class 1, Type A, Size 2 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,660.56 139.15	231.92
26 24 19 00-0717 EA Class 1, Type A, Size 3 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,899.12 187.08	311.76
26 24 19 00-0718 EA Class 1, Type A, Size 4 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,214.26 246.66	411.05
26 24 19 00-0719 EA Class 1, Type A, Size 5 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,701.87 308.25	513.71
26 24 19 00-0720 EA Class 1, Type A, Size 6 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22,845.62 308.25	513.71
26 24 19 00-0721 EA Class 1, Type B, Size 1 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,512.84 108.51	180.87
26 24 19 00-0722 EA Class 1, Type B, Size 2 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,706.28 122.20	203.68
26 24 19 00-0723 EA Class 1, Type B, Size 3 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,973.21 166.85	278.09
26 24 19 00-0724 EA Class 1, Type B, Size 4 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,224.64 226.19	376.94
26 24 19 00-0725 EA Class 1, Type B, Size 5 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,726.36 292.01	486.66
26 24 19 00-0726 EA Class 1, Type B, Size 6 FVNR Starters With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23,011.54 292.01	486.66
26 24 19 00-0727 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0728 EA Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,405.64 156.98	261.69
26 24 19 00-0729 EA Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,958.37 173.72	289.49
26 24 19 00-0730 EA Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,895.16 233.44	389.11
26 24 19 00-0731 EA Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,455.99 308.60	514.36
26 24 19 00-0732 EA Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,334.94 386.12	643.52
26 24 19 00-0733 EA Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,452.18 135.56	225.95
26 24 19 00-0734 EA Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,030.37 152.86	254.74
26 24 19 00-0735 EA Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,994.21 208.90	348.16
26 24 19 00-0736 EA Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8,488.21 282.89	471.44
26 24 19 00-0737 EA Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	15,383.62 365.34	608.86
26 24 19 00-0738 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <small>(26 24 19 00-0713)</small>		
26 24 19 00-0739 EA Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,641.53 156.98	261.69
26 24 19 00-0740 EA Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,777.68 173.72	289.49
26 24 19 00-0741 EA Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,164.40 233.44	389.11
26 24 19 00-0742 EA Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,759.66 308.60	514.36
26 24 19 00-0743 EA Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,651.68 386.12	643.52
26 24 19 00-0744 EA Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,688.07 135.56	225.95
26 24 19 00-0745 EA Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,849.69 152.86	254.74
26 24 19 00-0746 EA Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,263.44 208.90	348.16
26 24 19 00-0747 EA Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,791.88 282.89	471.44
26 24 19 00-0748 EA Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With HMCP Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19,700.36 365.34	608.86

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 24 19 00-0749			Motor Control Center Starters With Fusible Disconnect <small>(26 24 19 00-0484)</small>		
			Note: Includes fuses, door, unit support pan, heater elements, and NEMA 1 with gasket, or NEMA 12 enclosure. Line voltages of 208 V, 240 V, 480 V, and 600 V.		
26 24 19 00-0750			FVNR Starters With Fusible Disconnect <small>(26 24 19 00-0749)</small>		
26 24 19 00-0751	EA		Class 1, Type A, Size 1 FVNR Starters With Fusible Disconnect	1,195.63	203.89
26 24 19 00-0752	EA		Class 1, Type A, Size 2 FVNR Starters With Fusible Disconnect	1,555.96	277.11
26 24 19 00-0753	EA		Class 1, Type A, Size 3 FVNR Starters With Fusible Disconnect	2,617.22	361.08
26 24 19 00-0754	EA		Class 1, Type A, Size 4 FVNR Starters With Fusible Disconnect	4,435.91	508.59
26 24 19 00-0755	EA		Class 1, Type A, Size 5 FVNR Starters With Fusible Disconnect	8,997.28	646.55
26 24 19 00-0756	EA		Class 1, Type A, Size 6 FVNR Starters With Fusible Disconnect	23,031.01	646.55
26 24 19 00-0757	EA		Class 1, Type B, Size 1 FVNR Starters With Fusible Disconnect	1,226.01	180.76
26 24 19 00-0758	EA		Class 1, Type B, Size 2 FVNR Starters With Fusible Disconnect	1,600.42	248.21
26 24 19 00-0759	EA		Class 1, Type B, Size 3 FVNR Starters With Fusible Disconnect	2,702.10	332.84
26 24 19 00-0760	EA		Class 1, Type B, Size 4 FVNR Starters With Fusible Disconnect	4,460.44	481.55
26 24 19 00-0761	EA		Class 1, Type B, Size 5 FVNR Starters With Fusible Disconnect	9,006.01	611.69
26 24 19 00-0762	EA		Class 1, Type B, Size 6 FVNR Starters With Fusible Disconnect	23,181.27	611.69
26 24 19 00-0763			Two Speed 2-Winding (TS2W) With Fusible Disconnect <small>(26 24 19 00-0749)</small>		
26 24 19 00-0764	EA		Class 1, Type A, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,081.48	255.28
26 24 19 00-0765	EA		Class 1, Type A, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,902.27	346.41
26 24 19 00-0766	EA		Class 1, Type A, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,512.88	451.13
26 24 19 00-0767	EA		Class 1, Type A, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,529.47	637.54
26 24 19 00-0768	EA		Class 1, Type A, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,569.91	746.06
26 24 19 00-0769	EA		Class 1, Type B, Size 1 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,139.77	225.95
26 24 19 00-0770	EA		Class 1, Type B, Size 2 Two Speed 2-Winding (TS2W) With Fusible Disconnect	2,971.04	310.02
26 24 19 00-0771	EA		Class 1, Type B, Size 3 Two Speed 2-Winding (TS2W) With Fusible Disconnect	4,624.54	416.48
26 24 19 00-0772	EA		Class 1, Type B, Size 4 Two Speed 2-Winding (TS2W) With Fusible Disconnect	9,574.07	600.82
26 24 19 00-0773	EA		Class 1, Type B, Size 5 Two Speed 2-Winding (TS2W) With Fusible Disconnect	15,602.80	703.59
26 24 19 00-0774			Two Speed 1-Winding (TS1W) With Fusible Disconnect <small>(26 24 19 00-0749)</small>		
26 24 19 00-0775	EA		Class 1, Type A, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,436.88	255.28
26 24 19 00-0776	EA		Class 1, Type A, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,734.16	346.41
26 24 19 00-0777	EA		Class 1, Type A, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,805.70	451.13
26 24 19 00-0778	EA		Class 1, Type A, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,007.53	637.54
26 24 19 00-0779	EA		Class 1, Type A, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	19,009.15	746.06
26 24 19 00-0780	EA		Class 1, Type B, Size 1 Two Speed 1-Winding (TS1W) With Fusible Disconnect	2,496.22	225.95
26 24 19 00-0781	EA		Class 1, Type B, Size 2 Two Speed 1-Winding (TS1W) With Fusible Disconnect	3,802.94	310.02
26 24 19 00-0782	EA		Class 1, Type B, Size 3 Two Speed 1-Winding (TS1W) With Fusible Disconnect	6,917.36	416.48
26 24 19 00-0783	EA		Class 1, Type B, Size 4 Two Speed 1-Winding (TS1W) With Fusible Disconnect	10,052.13	600.82
26 24 19 00-0784	EA		Class 1, Type B, Size 5 Two Speed 1-Winding (TS1W) With Fusible Disconnect	19,042.04	703.59
26 24 19 00-0785			Tin Plated Copper Bus Bar And Ground Bus Bar Splice Kit <small>(26 24 19 00-0484)</small>		
			Note: Per section. Labor is included in basic distribution section.		
26 24 19 00-0786	EA		600 Amperes, Horizontal Tin Plated Copper Bus Kit	266.24	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.16	
26 24 19 00-0787	EA		800 Amperes, Horizontal Tin Plated Copper Bus Kit	327.05	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.16	
26 24 19 00-0788	EA		1,200 Amperes, Horizontal Tin Plated Copper Bus Kit	393.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.80	
26 24 19 00-0789	EA		1,600 Amperes, Horizontal Tin Plated Copper Bus Kit	512.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.80	
26 24 19 00-0790	EA		2,000 Amperes, Horizontal Tin Plated Copper Bus Kit	862.12	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.43	
26 24 19 00-0791	EA		1/4" x 2" Horizontal Tin Plated Copper Ground Bus Kit	151.76	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.53	
26 24 19 00-0792			Disconnect Switch For Motor Control Centers <small>(26 24 19 00-0484)</small>		
26 24 19 00-0793			3 Pole Circuit Breaker Disconnect For Motor Control Center <small>(26 24 19 00-0792)</small>		
			Note: Includes door, unit support pan, inverse time (Thermal Magnetic) circuit breaker, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0794	EA		150 Amperes Rating, 15 To 100 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	881.20	156.97
26 24 19 00-0795	EA		150 Amperes Rating, 125 To 150 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,543.85	173.81
26 24 19 00-0796	EA		225 Amperes Rating, 70 To 225 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	1,883.07	234.10
26 24 19 00-0797	EA		400 Amperes Rating, 125 To 400 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	3,125.99	308.50
26 24 19 00-0798	EA		600 Amperes Rating, 300 To 600 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	5,403.33	385.63
26 24 19 00-0799	EA		800 Amperes Rating, 400 To 800 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	6,164.78	385.63
26 24 19 00-0800	EA		1,200 Amperes Rating, 600 To 1,200 Amperes Trip Range, 3 Pole Circuit Breaker Disconnect	12,705.83	482.85
26 24 19 00-0801			Fusible Disconnect Switch For Motor Control Center <small>(26 24 19 00-0792)</small>		
			Note: Includes door, unit support pan, fuses and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Class 1 type A (no starters).		
26 24 19 00-0802	EA		30 Amperes Switch Rating, Fusible Disconnect Switch With 30 Amperes Fuse Clips	824.19	152.63
26 24 19 00-0803	EA		60 Amperes Switch Rating, Fusible Disconnect Switch With 60 Amperes Fuse Clips	966.48	208.02
26 24 19 00-0804	EA		100 Amperes Switch Rating, Fusible Disconnect Switch With 100 Amperes Fuse Clips	1,328.01	266.14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 24 19 00-0805 EA 200 Amperes Switch Rating, Fusible Disconnect Switch With 200 Amperes Fuse Clips.....	2,497.19	381.29
26 24 19 00-0806 EA 400 Amperes Switch Rating, Fusible Disconnect Switch With 400 Amperes Fuse Clips.....	4,472.04	484.92
26 24 19 00-0807 EA 600 Amperes Switch Rating, Fusible Disconnect Switch With 600 Amperes Fuse Clips.....	10,384.95	484.92
26 24 19 00-0808 EA 800 Amperes Switch Rating, Fusible Disconnect Switch With 800 Amperes Fuse Clips.....	12,836.90	606.15
26 24 19 00-0809 EA 1,200 Amperes Switch Rating, Fusible Disconnect Switch With 1,200 Amperes Fuse Clips.....	19,026.58	606.15
26 24 19 00-0810 Control Circuit Transformer <small>(26 24 19 00-0484)</small>		
26 24 19 00-0811 EA Control Circuit Transformer, Size 1 Factory Installed	74.90	
26 24 19 00-0812 EA Control Circuit Transformer, Size 2 Factory Installed	74.90	
26 24 19 00-0813 EA Control Circuit Transformer, Size 3 Factory Installed	144.26	
26 24 19 00-0814 EA Control Circuit Transformer, Size 4 Factory Installed	144.26	
26 24 19 00-0815 EA Control Circuit Transformer, Size 5 Factory Installed	200.41	
26 24 19 00-0816 EA Control Circuit Fuse And Holder Small Dim, Dual Element Time Delay	52.90	12.29
26 24 19 00-0817 Cover Mounted Control Devices <small>(26 24 19 00-0484)</small>		
26 24 19 00-0818 EA Control Device, 2 Unit Push Button Station Cover Mounted.....	120.16	21.72
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>13.58</i>	
26 24 19 00-0819 EA Control Device, 2-3 Unit Selector Switch Cover Mounted.....	134.26	21.72
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.97</i>	
26 24 19 00-0820 EA Control Device, Pilot Light Cover Mounted.....	114.35	21.72
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.17</i>	
26 24 19 00-0821 EA Control Device, Hand-Off-Auto Switch Cover Mounted With Pilot Light	303.75	73.87
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>44.52</i>	
26 24 19 00-0822 EA Auxiliary Contact Add Per Starter	378.73	28.14
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.89</i>	
26 24 19 00-0823 Extra Interlocks <small>(26 24 19 00-0484)</small>		
Note: Per contact.		
26 24 19 00-0824 EA Extra Interlocks, Class I, Type A Per Contact.....	77.75	14.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.17</i>	
26 24 19 00-0825 EA Extra Interlocks, Class I, Type B Per Contact.....	109.06	14.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>10.17</i>	
26 24 19 00-0826 EA Extra Interlocks, Class I, Type C Per Contact.....	122.23	14.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>8.49</i>	
26 24 19 00-0827 EA Extra Interlocks, Class II, Type B Per Contact.....	110.31	14.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>6.79</i>	
26 24 19 00-0828 EA Extra Interlocks, Class II, Type C Per Contact.....	117.28	14.12
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>5.12</i>	
26 24 19 00-0829 Special Cabinet Provisions <small>(26 24 19 00-0484)</small>		
26 24 19 00-0830 EA Provisions For Bus Duct Entrance Special Cabinet Provisions	937.67	
26 24 19 00-0831 Nameplate Requirements <small>(26 24 19 00-0484)</small>		
26 24 19 00-0832 EA Special Cabinet Nameplate Requirements	33.29	
26 24 19 00-0833 Auxiliary Relays <small>(26 24 19 00-0484)</small>		
26 24 19 00-0834 EA Industrial Control Relay, 10 Amperes, Class A600 With 2 Contacts.....	177.71	27.21
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.32</i>	
26 24 19 00-0835 EA Timing Relay, Solid State, DPDT 0.1-10 Sec Variable, Off-Delay	167.69	24.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.32</i>	
26 24 19 00-0836 EA General Purpose Control Relay, 240 Volt AC, 10 Amperes, With Base	92.94	24.48
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	<i>16.32</i>	
26 24 19 00-0837 Motor Control Center Accessories <small>(26 24 19 00-0484)</small>		
26 24 19 00-0838 Lighting Transformer With Circuit Breaker <small>(26 24 19 00-0837)</small>		
Note: For 240 V, 480 V, or 600 V primary. Includes door, unit support pan, and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure for MCC only.		
26 24 19 00-0839 EA 1 Phase, 5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,363.36	349.64
26 24 19 00-0840 EA 1 Phase, 7.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	5,576.26	363.62
26 24 19 00-0841 EA 1 Phase, 10 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	6,102.28	391.59
26 24 19 00-0842 EA 1 Phase, 15 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	7,684.66	419.56
26 24 19 00-0843 EA 1 Phase, 25 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	10,354.24	447.53
26 24 19 00-0844 EA 1 Phase, 37.5 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	12,727.86	503.47
26 24 19 00-0845 EA 1 Phase, 50 KVA, 120/240 Volt Secondary Lighting Transformer With Circuit Breaker.....	16,742.85	559.41
26 24 19 00-0846 EA 3 Phase, 10 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	9,754.18	461.52
26 24 19 00-0847 EA 3 Phase, 15 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	10,597.02	503.47
26 24 19 00-0848 EA 3 Phase, 25 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	12,123.07	559.41
26 24 19 00-0849 EA 3 Phase, 30 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	12,857.22	615.35
26 24 19 00-0850 EA 3 Phase, 37.5 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	15,525.59	671.30
26 24 19 00-0851 EA 3 Phase, 45 KVA, 120/208 Volt Secondary Lighting Transformer With Circuit Breaker.....	16,013.14	727.23
26 24 19 00-0852 Bolt-On Lighting Panel <small>(26 24 19 00-0837)</small>		
Note: Includes door, T-handle, unit support pan, neutral bar (10 KA IC RMS), and NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. For MCC only.		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 24 Switchboards and Panelboards**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 24 19 00-0853	EA	18 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	2,147.81	565.30
26 24 19 00-0854	EA	30 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	3,320.31	983.96
26 24 19 00-0855	EA	42 Circuit Bolt-On Lighting Panel, MLO, 1 Phase, 3 Wire, 120/240 Volt.....	4,405.96	1,331.24
26 24 19 00-0856	EA	18 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	2,240.50	611.69
26 24 19 00-0857	EA	30 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	3,278.45	963.00
26 24 19 00-0858	EA	42 Circuit Bolt-On Lighting Panel, MLO, 3 Phase, 4 Wire, 120/208 Volt.....	4,572.36	1,414.45
26 24 19 00-0859	EA	18 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	3,707.88	655.68
26 24 19 00-0860	EA	30 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	4,887.08	1,052.61
26 24 19 00-0861	EA	42 Circuit Bolt-On Lighting Panel, MCB, 1 Phase, 3 Wire, 120/240 Volt.....	6,078.90	1,414.45
26 24 19 00-0862	EA	18 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	3,811.02	707.17
26 24 19 00-0863	EA	30 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	4,887.08	1,052.61
26 24 19 00-0864	EA	42 Circuit Bolt-On Lighting Panel, MCB, 3 Phase, 4 Wire, 120/208 Volt.....	6,170.15	1,460.07

26 24 19 00-0865 Factory Installed Bolt-On Branch Circuit Breaker (26 24 19 00-0837)

Note: For MCC lighting panel only.

26 24 19 00-0866	EA	15 To 30 Amperes, 1 Pole, Bolt-On Branch Circuit Breaker.....	22.75	
26 24 19 00-0867	EA	15 To 30 Amperes, 1 Pole (GFI) Bolt-On Branch Circuit Breaker.....	288.98	
26 24 19 00-0868	EA	15 To 50 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker.....	44.47	
26 24 19 00-0869	EA	60 To 100 Amperes, 2 Pole, Bolt-On Branch Circuit Breaker.....	102.38	
26 24 19 00-0870	EA	15 To 50 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker.....	119.96	
26 24 19 00-0871	EA	60 To 100 Amperes, 3 Pole, Bolt-On Branch Circuit Breaker.....	182.02	

26 24 19 00-0872 Blank Unit Door (BUD) (26 24 19 00-0837)

Note: With NEMA 1, NEMA 1 with gasket, or NEMA 12 enclosure. Factory installed.

26 24 19 00-0873	EA	6" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	77.06	
26 24 19 00-0874	EA	12" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	92.47	
26 24 19 00-0875	EA	18" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	138.71	
26 24 19 00-0876	EA	24" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	184.95	
26 24 19 00-0877	EA	30" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	277.42	
26 24 19 00-0878	EA	48" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	323.65	
26 24 19 00-0879	EA	72" High Blank Unit Door (BUD) With NEMA 1, NEMA 1 With Gasket, Or NEMA 12 Enclosure.....	369.89	

26 25 Enclosed Bus Assemblies (26 20)**26 25 13 Low-Voltage Busways (26 25)****26 25 13 00-0001 Plug-In Bus Duct (26 25 13)**

Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.

26 25 13 00-0002 600 Volt, 3-Phase, 3-Wire, Copper Conductors (26 25 13 00-0001)

26 25 13 00-0003	LF	225 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	260.42	32.59
		For Up To 25, Add	65.11	
		For >25 To 50, Add	39.06	
		For >50 To 100, Add	19.53	
26 25 13 00-0004	LF	400 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	367.60	32.59
		For Up To 25, Add	91.90	
		For >25 To 50, Add	55.14	
		For >50 To 100, Add	27.57	
26 25 13 00-0005	LF	600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	465.28	43.45
		For Up To 25, Add	116.32	
		For >25 To 50, Add	69.79	
		For >50 To 100, Add	34.90	
26 25 13 00-0006	LF	800 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	640.89	43.45
		For Up To 25, Add	160.22	
		For >25 To 50, Add	96.13	
		For >50 To 100, Add	48.07	
26 25 13 00-0007	LF	1,000 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	676.20	54.31
		For Up To 25, Add	169.05	
		For >25 To 50, Add	101.43	
		For >50 To 100, Add	50.72	
26 25 13 00-0008	LF	1,350 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	940.11	54.31
		For Up To 25, Add	235.03	
		For >25 To 50, Add	141.02	
		For >50 To 100, Add	70.51	
26 25 13 00-0009	LF	1,600 Amperes, Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,099.26	57.03
		For Up To 25, Add	274.82	
		For >25 To 50, Add	164.89	
		For >50 To 100, Add	82.44	
26 25 13 00-0010	LF	2,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,336.93	58.65
		For Up To 25, Add	334.23	
		For >25 To 50, Add	200.54	
		For >50 To 100, Add	100.27	
26 25 13 00-0011	LF	2,500 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,648.51	61.92
		For Up To 25, Add	412.13	
		For >25 To 50, Add	247.28	
		For >50 To 100, Add	123.64	
26 25 13 00-0012	LF	3,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors.....	1,903.57	72.24
		For Up To 25, Add	475.89	
		For >25 To 50, Add	285.54	
		For >50 To 100, Add	142.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0013 LF 4,000 Amperes Bus Duct 600 Volt, 3 Phase, 3 Wire Copper Conductors	2,202.25	78.75
<i>For Up To 25, Add</i>	550.56	
<i>For >25 To 50, Add</i>	330.34	
<i>For >50 To 100, Add</i>	165.17	
26 25 13 00-0014 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors <small>(26 25 13 00-0001)</small>		
26 25 13 00-0015 LF 225 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	423.36	32.59
<i>For Up To 25, Add</i>	105.84	
<i>For >25 To 50, Add</i>	63.50	
<i>For >50 To 100, Add</i>	31.75	
26 25 13 00-0016 LF 400 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	610.00	32.59
<i>For Up To 25, Add</i>	152.50	
<i>For >25 To 50, Add</i>	91.50	
<i>For >50 To 100, Add</i>	45.75	
26 25 13 00-0017 LF 600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	689.73	43.45
<i>For Up To 25, Add</i>	172.43	
<i>For >25 To 50, Add</i>	103.46	
<i>For >50 To 100, Add</i>	51.73	
26 25 13 00-0018 LF 800 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	876.08	43.45
<i>For Up To 25, Add</i>	219.02	
<i>For >25 To 50, Add</i>	131.41	
<i>For >50 To 100, Add</i>	65.71	
26 25 13 00-0019 LF 1,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,068.05	54.31
<i>For Up To 25, Add</i>	267.01	
<i>For >25 To 50, Add</i>	160.21	
<i>For >50 To 100, Add</i>	80.10	
26 25 13 00-0020 LF 1,350 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,382.39	54.31
<i>For Up To 25, Add</i>	345.60	
<i>For >25 To 50, Add</i>	207.36	
<i>For >50 To 100, Add</i>	103.68	
26 25 13 00-0021 LF 1,600 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	1,786.17	56.27
<i>For Up To 25, Add</i>	446.54	
<i>For >25 To 50, Add</i>	267.93	
<i>For >50 To 100, Add</i>	133.96	
26 25 13 00-0022 LF 2,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,149.97	58.65
<i>For Up To 25, Add</i>	537.49	
<i>For >25 To 50, Add</i>	322.50	
<i>For >50 To 100, Add</i>	161.25	
26 25 13 00-0023 LF 2,500 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	2,664.90	61.37
<i>For Up To 25, Add</i>	666.23	
<i>For >25 To 50, Add</i>	399.74	
<i>For >50 To 100, Add</i>	199.87	
26 25 13 00-0024 LF 3,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,076.35	72.24
<i>For Up To 25, Add</i>	769.09	
<i>For >25 To 50, Add</i>	461.45	
<i>For >50 To 100, Add</i>	230.73	
26 25 13 00-0025 LF 4,000 Amperes Bus Duct 277/480 Volt, 3 Phase, 4 Wire Copper Conductors	3,565.40	78.75
<i>For Up To 25, Add</i>	891.35	
<i>For >25 To 50, Add</i>	534.81	
<i>For >50 To 100, Add</i>	267.41	
26 25 13 00-0026 Cable Tap Boxes <small>(26 25 13 00-0001)</small>		
26 25 13 00-0027 600 Volt, 3-Phase, 3-Wire, Copper Conductors <small>(26 25 13 00-0026)</small>		
26 25 13 00-0028 EA 225 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,127.12	152.08
26 25 13 00-0029 EA 400 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,199.26	152.08
26 25 13 00-0030 EA 600 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,378.12	206.40
26 25 13 00-0031 EA 800 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,531.37	206.40
26 25 13 00-0032 EA 1,000 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,715.24	271.57
26 25 13 00-0033 EA 1,350 Amperes Cable Tap Box, 600 Volt, 3 Phase, 3 Wire	2,975.00	271.57
26 25 13 00-0034 277/480 Volt, 3-Phase, 4-Wire, 100% Neutral, Copper Conductors <small>(26 25 13 00-0026)</small>		
26 25 13 00-0035 EA 225 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,199.26	298.73
26 25 13 00-0036 EA 400 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,390.58	298.73
26 25 13 00-0037 EA 600 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,555.20	407.35
26 25 13 00-0038 EA 800 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	2,871.33	407.35
26 25 13 00-0039 EA 1,000 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,020.87	543.14
26 25 13 00-0040 EA 1,350 Amperes Cable Tap Box 277/480 Volt, 3 Phase, 4 Wire	3,436.31	543.14
26 25 13 00-0041 Bus Duct Plug-In Circuit Breaker <small>(26 25 13 00-0001)</small>		
26 25 13 00-0042 240 Volt, 3-Phase <small>(26 25 13 00-0041)</small>		
26 25 13 00-0043 EA 60 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker.....	960.29	108.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.42	
26 25 13 00-0044 EA 100 Amperes, 240 Volt, 3 Phase, Bus Duct Plug-In Circuit Breaker.....	1,906.62	108.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	76.28	
26 25 13 00-0045 600 Volt, 3-Phase <small>(26 25 13 00-0041)</small>		
26 25 13 00-0046 EA 60 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker.....	1,850.42	108.63
<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	59.42	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 25 Enclosed Bus Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 13 00-0047	EA		100 Amperes, 600 Volt, 3 Phase, Bus Duct Plug-in Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,396.67 76.28	108.63
26 25 13 00-0048			120/208 Volt, 3-Phase, 4-Wire <small>(26 25 13 00-0041)</small>		
26 25 13 00-0049	EA		60 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,105.78 67.89	130.35
26 25 13 00-0050	EA		100 Amperes, 120/208 Volt, 3 Phase, 4 Wire, Bus Duct Plug-in Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,321.36 84.87	130.35
26 25 13 00-0051			277/480 Volt, 3-Phase, 4-Wire <small>(26 25 13 00-0041)</small>		
26 25 13 00-0052	EA		60 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,264.78 67.89	130.35
26 25 13 00-0053	EA		100 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,943.97 84.87	130.35
26 25 13 00-0054	EA		225 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,846.41 195.38	450.81
26 25 13 00-0055	EA		400 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,789.77 424.33	450.81
26 25 13 00-0056	EA		600 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,596.52 590.37	1,303.55
26 25 13 00-0057	EA		800 Amperes, 277/480 Volt, 3 Phase, 4 Wire, Bus Duct Plug-In Circuit Breaker <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9,532.46 1,044.51	1,303.55
26 25 13 00-0058			Bus Duct Plug-In Fusible Switch <small>(26 25 13 00-0001)</small>		
26 25 13 00-0059			240 Volt, 3-Pole, 3-Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0060	EA		30 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	958.10	108.63
26 25 13 00-0061	EA		60 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,052.47	108.63
26 25 13 00-0062	EA		100 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,454.15	130.35
26 25 13 00-0063	EA		200 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,454.25	260.71
26 25 13 00-0064	EA		400 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,198.65	586.60
26 25 13 00-0065	EA		600 Amperes, 240 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,271.04	1,021.11
26 25 13 00-0066			600 Volt, 3-Pole, 3-Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0067	EA		30 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	995.92	119.49
26 25 13 00-0068	EA		60 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,087.90	119.49
26 25 13 00-0069	EA		100 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,466.02	119.49
26 25 13 00-0070	EA		200 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,514.40	249.85
26 25 13 00-0071	EA		400 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,169.64	564.87
26 25 13 00-0072	EA		600 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,476.78	1,086.29
26 25 13 00-0073	EA		800 Amperes, 600 Volt, 3 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	15,540.87	1,412.17
26 25 13 00-0074			120/208 Volt, 4-pole, 3 Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0075	EA		30 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,108.79	141.22
26 25 13 00-0076	EA		60 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,190.81	141.22
26 25 13 00-0077	EA		100 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,610.04	141.22
26 25 13 00-0078	EA		200 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,729.36	293.29
26 25 13 00-0079	EA		400 Amperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,802.88	651.77
26 25 13 00-0080	EA		600 AAmperes, 120/208 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,901.78	999.38
26 25 13 00-0081			277/480 Volt, 4-pole, 3-Fuse <small>(26 25 13 00-0058)</small>		
26 25 13 00-0082	EA		30 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,145.35	141.22
26 25 13 00-0083	EA		60 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,227.38	119.82
26 25 13 00-0084	EA		100 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	1,717.60	162.94
26 25 13 00-0085	EA		200 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	2,844.38	293.29
26 25 13 00-0086	EA		400 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	6,802.88	651.77
26 25 13 00-0087	EA		600 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	9,901.78	999.38
26 25 13 00-0088	EA		800 Amperes, 277/480 Volt, 4 Phase, 3 Fuses, Bus Duct Plug-in Fusible Switch	15,674.28	1,325.27
26 25 16			Low-Voltage Cablebus Systems <small>(26 25)</small>		
26 25 16 00-0001			Feeder Bus Duct <small>(26 25 16)</small> Note: Based on an average of 100' horizontal run with a 15' maximum mounting height. Each 100' of bus duct includes 2 elbows, 1 end cap, and switchboard stub. Excludes hangers with anchors and hardware support.		
26 25 16 00-0002			600 Volt, 3 Phase, 3 Wire, Ventilated Low Impedance <small>(26 25 16 00-0001)</small> Note: Copper conductors.		
26 25 16 00-0003	LF		800 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	767.97	45.62
			<i>For Up To 25, Add</i>	191.99	
			<i>For >25 To 50, Add</i>	115.20	
			<i>For >50 To 100, Add</i>	57.60	
26 25 16 00-0004	LF		1,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	778.51	45.62
			<i>For Up To 25, Add</i>	194.63	
			<i>For >25 To 50, Add</i>	116.78	
			<i>For >50 To 100, Add</i>	58.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 25 16 00-0005 LF 1,350 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,018.60	45.62
<i>For Up To 25, Add</i>	254.65	
<i>For >25 To 50, Add</i>	152.79	
<i>For >50 To 100, Add</i>	76.40	
26 25 16 00-0006 LF 1,600 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,223.16	45.62
<i>For Up To 25, Add</i>	305.79	
<i>For >25 To 50, Add</i>	183.47	
<i>For >50 To 100, Add</i>	91.74	
26 25 16 00-0007 LF 2,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	1,494.93	45.62
<i>For Up To 25, Add</i>	373.73	
<i>For >25 To 50, Add</i>	224.24	
<i>For >50 To 100, Add</i>	112.12	
26 25 16 00-0008 LF 3,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,040.03	108.63
<i>For Up To 25, Add</i>	510.01	
<i>For >25 To 50, Add</i>	306.00	
<i>For >50 To 100, Add</i>	153.00	
26 25 16 00-0009 LF 4,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	2,819.48	108.63
<i>For Up To 25, Add</i>	704.87	
<i>For >25 To 50, Add</i>	422.92	
<i>For >50 To 100, Add</i>	211.46	
26 25 16 00-0010 LF 5,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	3,335.79	108.63
<i>For Up To 25, Add</i>	833.95	
<i>For >25 To 50, Add</i>	500.37	
<i>For >50 To 100, Add</i>	250.18	
26 25 16 00-0011 LF 6,000 Amperes, 600 Volt, 3 Phase, 3 Wire Copper Conductors, Bus Duct With Supports	4,108.65	108.63
<i>For Up To 25, Add</i>	1,027.16	
<i>For >25 To 50, Add</i>	616.30	
<i>For >50 To 100, Add</i>	308.15	
26 25 16 00-0012 277/480 Volt, 3 Phase, 4 Wire, Half Neutral, Ventilated <small>(26 25 16 00-0001)</small>		
Note: Low impedance, copper conductors.		
26 25 16 00-0013 LF 800 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	880.34	48.88
<i>For Up To 25, Add</i>	220.09	
<i>For >25 To 50, Add</i>	132.05	
<i>For >50 To 100, Add</i>	66.03	
26 25 16 00-0014 LF 1,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	894.20	48.88
<i>For Up To 25, Add</i>	223.55	
<i>For >25 To 50, Add</i>	134.13	
<i>For >50 To 100, Add</i>	67.07	
26 25 16 00-0015 LF 1,350 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,150.47	48.88
<i>For Up To 25, Add</i>	287.62	
<i>For >25 To 50, Add</i>	172.57	
<i>For >50 To 100, Add</i>	86.29	
26 25 16 00-0016 LF 1,600 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,363.81	48.88
<i>For Up To 25, Add</i>	340.95	
<i>For >25 To 50, Add</i>	204.57	
<i>For >50 To 100, Add</i>	102.29	
26 25 16 00-0017 LF 2,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	1,647.42	48.88
<i>For Up To 25, Add</i>	411.86	
<i>For >25 To 50, Add</i>	247.11	
<i>For >50 To 100, Add</i>	123.56	
26 25 16 00-0018 LF 3,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	2,531.27	83.65
<i>For Up To 25, Add</i>	632.82	
<i>For >25 To 50, Add</i>	379.69	
<i>For >50 To 100, Add</i>	189.85	
26 25 16 00-0019 LF 4,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,174.72	83.65
<i>For Up To 25, Add</i>	793.68	
<i>For >25 To 50, Add</i>	476.21	
<i>For >50 To 100, Add</i>	238.10	
26 25 16 00-0020 LF 5,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	3,756.44	155.34
<i>For Up To 25, Add</i>	939.11	
<i>For >25 To 50, Add</i>	563.47	
<i>For >50 To 100, Add</i>	281.73	
26 25 16 00-0021 LF 6,000 Amperes, 277/480 Volt, 3 Phase, 4 Wire Copper Conductors, Bus Duct With Supports	4,632.54	155.34
<i>For Up To 25, Add</i>	1,158.14	
<i>For >25 To 50, Add</i>	694.88	
<i>For >50 To 100, Add</i>	347.44	
26 27 Low-Voltage Distribution Equipment <small>(26 20)</small>		
26 27 13 Electricity Metering <small>(26 27)</small>		
26 27 13 00-0001 Revenue Metering <small>(26 27 13)</small>		
26 27 13 00-0002 Meter Socket Base <small>(26 27 13 00-0001)</small>		
Note: NEMA 3R.		
26 27 13 00-0003 EA 100 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	261.60	70.60
26 27 13 00-0004 EA 100 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	278.15	70.60
26 27 13 00-0005 EA 200 Amperes, 1 Phase, 3 Wire, 4 Terminal Meter Socket With Bypass	355.78	86.90
26 27 13 00-0006 EA 200 Amperes, 1 Phase, 3 Wire, 5 Terminal Meter Socket With Bypass	360.49	86.90
26 27 13 00-0007 EA 200 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	712.17	97.76
26 27 13 00-0008 EA 320 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	951.72	108.63
26 27 13 00-0009 EA 400 Amperes, 3 Phase, 4 Wire, 7 Terminal Meter Socket With Bypass And Jaw Release	2,383.95	119.49
26 27 13 00-0010 EA Combination Motor And Current Transformer Cabinet, 15 To 30 Amperes, 13 Terminal, Underground, With Test Switch And Transformer, Socket Base	2,649.18	543.14

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0011			Meter Device <small>(26 27 13 00-0001)</small> Note: Direct read, with 15 minute demand.		
26 27 13 00-0012	EA		100 To 200 Amperes, 120 Volt, Or 240 Volt, 1 Phase, KWH Meter.....	267.23	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.36	
26 27 13 00-0013	EA		200 Amperes, 120 Volt, Or 240 Volt, 3 Phase, KWH Meter.....	761.46	21.76
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.60	
26 27 13 00-0014			Current Transformer Enclosure <small>(26 27 13 00-0001)</small>		
26 27 13 00-0015	EA		18" x 24" x 9", NEMA 3R, Screwed Cover, Current Transformer Enclosure.....	536.60	141.22
26 27 13 00-0016			120/240 Volt Meter Center And Main Breaker, Indoor Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0017			800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max., 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0018	EA		3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,045.80	67.90
26 27 13 00-0019	EA		4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,378.08	81.47
26 27 13 00-0020	EA		5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,708.58	95.05
26 27 13 00-0021	EA		6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	1,980.20	108.63
26 27 13 00-0022	EA		7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,581.91	122.21
26 27 13 00-0023	EA		8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	2,787.50	135.78
26 27 13 00-0024	EA		10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 125 Amperes Max	3,252.22	162.94
26 27 13 00-0025			1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max., 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0026	EA		3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	1,937.98	67.90
26 27 13 00-0027	EA		4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	2,553.98	81.47
26 27 13 00-0028	EA		6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,518.33	108.63
26 27 13 00-0029	EA		7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	3,902.33	122.21
26 27 13 00-0030	EA		8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 200 Amperes Max	4,910.88	135.78
26 27 13 00-0031			800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0032	EA		3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,603.31	95.05
26 27 13 00-0033	EA		4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,108.67	108.63
26 27 13 00-0034	EA		5 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,581.91	122.21
26 27 13 00-0035	EA		6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,037.31	135.78
26 27 13 00-0036	EA		7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,831.74	149.37
26 27 13 00-0037	EA		8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,019.50	162.94
26 27 13 00-0038	EA		10 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,983.81	190.10
26 27 13 00-0039			1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0016)</small>		
26 27 13 00-0040	EA		3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,491.91	95.05
26 27 13 00-0041	EA		4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,268.50	108.63
26 27 13 00-0042	EA		6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,607.54	135.78
26 27 13 00-0043	EA		7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,938.04	149.37
26 27 13 00-0044	EA		8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,321.28	162.94
26 27 13 00-0045			120/208 Volt Meter Center And Main Breaker, Indoor Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0046			800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max., 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0047	EA		3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,137.20	81.47
26 27 13 00-0048	EA		4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,489.11	95.05
26 27 13 00-0049	EA		5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	1,839.23	108.63
26 27 13 00-0050	EA		6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,135.82	122.21
26 27 13 00-0051	EA		7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,626.91	135.78
26 27 13 00-0052	EA		8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	2,832.51	149.37
26 27 13 00-0053	EA		10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 125 Amperes Max	3,493.52	176.53
26 27 13 00-0054			1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0055	EA		3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,036.52	81.47
26 27 13 00-0056	EA		4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,688.20	95.05
26 27 13 00-0057	EA		6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,884.49	122.21
26 27 13 00-0058	EA		7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,268.52	135.78
26 27 13 00-0059	EA		8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,170.04	149.37
26 27 13 00-0060			800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0061	EA		3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,694.72	108.63
26 27 13 00-0062	EA		4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,207.23	122.21
26 27 13 00-0063	EA		5 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,734.00	135.78
26 27 13 00-0064	EA		6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,189.41	149.37

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0065 EA 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,019.54	162.94
26 27 13 00-0066 EA 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,207.26	176.53
26 27 13 00-0067 EA 10 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,242.98	203.68
26 27 13 00-0068 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0045)</small>		
26 27 13 00-0069 EA 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,608.31	108.63
26 27 13 00-0070 EA 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,438.43	122.21
26 27 13 00-0071 EA 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,938.07	149.37
26 27 13 00-0072 EA 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,161.48	162.94
26 27 13 00-0073 EA 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,562.60	176.53
26 27 13 00-0074 120/240 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0075 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0076 EA 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,045.80	67.90
26 27 13 00-0077 EA 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,378.08	81.47
26 27 13 00-0078 EA 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,980.20	108.63
26 27 13 00-0079 EA 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,581.91	122.21
26 27 13 00-0080 EA 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,197.90	135.78
26 27 13 00-0081 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0082 EA 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,937.97	67.90
26 27 13 00-0083 EA 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,553.97	81.47
26 27 13 00-0084 EA 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,696.74	108.63
26 27 13 00-0085 EA 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,080.76	122.21
26 27 13 00-0086 EA 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,910.88	135.78
26 27 13 00-0087 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0088 EA 3 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,603.31	95.05
26 27 13 00-0089 EA 4 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,108.67	108.63
26 27 13 00-0090 EA 6 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,037.31	135.78
26 27 13 00-0091 EA 7 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,831.74	149.37
26 27 13 00-0092 EA 8 Meters And Main, 120/240 Volt, 800 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,019.50	162.94
26 27 13 00-0093 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0074)</small>		
26 27 13 00-0094 EA 3 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,491.92	95.05
26 27 13 00-0095 EA 4 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,268.50	108.63
26 27 13 00-0096 EA 6 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,607.54	135.78
26 27 13 00-0097 EA 7 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,938.04	149.37
26 27 13 00-0098 EA 8 Meters And Main, 120/240 Volt, 1,200 Amperes Bus, 4 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,321.31	162.94
26 27 13 00-0099 120/208 Volt Meter Center And Main Breaker, NEMA 3R Housing <small>(26 27 13 00-0001)</small>		
26 27 13 00-0100 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0101 EA 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,137.20	81.47
26 27 13 00-0102 EA 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	1,489.11	95.05
26 27 13 00-0103 EA 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,135.82	122.21
26 27 13 00-0104 EA 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,805.35	135.78
26 27 13 00-0105 EA 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,189.38	149.37
26 27 13 00-0106 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0107 EA 3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,036.51	81.47
26 27 13 00-0108 EA 4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	2,688.19	95.05
26 27 13 00-0109 EA 6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	3,706.05	122.21
26 27 13 00-0110 EA 7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	4,090.08	135.78
26 27 13 00-0111 EA 8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 10,000 Amperes Interrupting Capacity	5,170.01	149.37
26 27 13 00-0112 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0113 EA 3 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	1,694.70	108.63
26 27 13 00-0114 EA 4 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,207.20	122.21
26 27 13 00-0115 EA 6 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,189.38	149.37
26 27 13 00-0116 EA 7 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,019.50	162.94
26 27 13 00-0117 EA 8 Meters And Main, 120/208 Volt, 800 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,207.26	176.53

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 13 00-0118			1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity, 2 Pole <small>(26 27 13 00-0099)</small>		
26 27 13 00-0119	EA		3 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	2,608.29	108.63
26 27 13 00-0120	EA		4 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	3,438.40	122.21
26 27 13 00-0121	EA		6 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	4,938.04	149.37
26 27 13 00-0122	EA		7 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	5,161.48	162.94
26 27 13 00-0123	EA		8 Meters And Main, 120/208 Volt, 1,200 Amperes Bus, 5 Jaw Sockets, 42,000 Amperes Interrupting Capacity	6,562.60	176.53
26 27 13 00-0124			Watt/Hour Meters <small>(26 27 13)</small>		
26 27 13 00-0125	EA		Single Phase M-90 Meter, Socket, NEMA 3R Enclosure	1,105.50	65.18
26 27 13 00-0126	EA		Three Phase M-90 Meter/Main Breaker Combination With Socket, NEMA 3R Enclosure	3,387.71	130.35
26 27 13 00-0127	EA		Three Phase M-90 Meter In Line Secondary With Socket, NEMA 3R Enclosure	1,787.52	97.76
26 27 13 00-0128	EA		Three Phase M-90 Meter, Primary Side Transformer Mount With Socket Totally Enclosed, NEMA 3R Enclosure	2,195.04	97.76
26 27 13 00-0129	EA		Three Phase M-90 Meter, Primary Side Pole Mount With Socket, NEMA 3R Enclosure	1,847.38	97.76
26 27 13 00-0130	EA		C.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	1,255.78	90.16
26 27 13 00-0131	EA		P.T. For M-90 Meter On Primary Side, NEMA 3R Enclosure	2,144.74	162.94
26 27 13 00-0132			Watt/Hour Meter Systems <small>(26 27 13)</small>		
			Note: Includes NEMA 3R enclosure with C.T. and NEMA 3R C.T. enclosure. systems with main breakers include an additional NEMA 3R enclosure.		
26 27 13 00-0133			Watt/Hour Meter System Without Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0134	EA		400 Amperes System; 200 Amperes M-90 Meter And Enclosure	5,440.45	651.88
26 27 13 00-0135	EA		600 To 800 Amperes System; 200 Amperes M-90 Meter And Enclosure	6,402.17	651.88
26 27 13 00-0136			Watt/Hour Meter System With Main Breaker <small>(26 27 13 00-0132)</small>		
26 27 13 00-0137	EA		400 Amperes System; 400 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	9,662.92	651.88
26 27 13 00-0138	EA		600 Amperes System; 600 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	11,760.01	651.88
26 27 13 00-0139	EA		800 Amperes System; 800 Amperes Main Breaker, 200 Amperes M-90 Meter And Enclosure	12,649.38	651.88
26 27 13 00-0140			Power Meter And Gateway <small>(26 27 13)</small>		
			Note: Schneider Electric.		
26 27 13 00-0141	EA		Power Meter	2,761.62	54.31
			Note: Schneider Electric Model #PM820		
26 27 13 00-0142	EA		PowerLogic Ethernet Gateway	1,910.31	27.16
			Note: Schneider Electric Model #EGX200		
26 27 13 00-0143	EA		PowerLogic Ethernet Gateway	3,219.36	27.16
			Note: Schneider Electric Model #EGX400		
26 27 13 00-0144	EA		PowerLogic Ethernet Communications Card	1,910.31	27.16
			Note: Schneider Electric		
26 27 16			Electrical Cabinets and Enclosures <small>(26 27)</small>		
			Note: Can be used as enclosure or pull/junction boxes.		
26 27 16 00-0001			NEMA 1 Enclosures, Lockable <small>(26 27 16)</small>		
26 27 16 00-0002			Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0001)</small>		
26 27 16 00-0003			4" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0002)</small>		
26 27 16 00-0004	EA		6" x 4" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	70.71	21.72
26 27 16 00-0005	EA		6" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	79.46	23.90
26 27 16 00-0006	EA		8" x 6" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	88.30	26.07
26 27 16 00-0007	EA		8" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	103.09	30.42
26 27 16 00-0008	EA		10" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	112.47	32.59
26 27 16 00-0009	EA		10" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	122.58	34.77
26 27 16 00-0010	EA		12" x 8" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	122.20	34.77
26 27 16 00-0011	EA		12" x 10" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	132.59	36.93
26 27 16 00-0012	EA		12" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	143.52	39.11
26 27 16 00-0013	EA		16" x 12" x 4", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	185.65	52.14
26 27 16 00-0014	EA		16" x 16" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	225.29	63.01
26 27 16 00-0015	EA		18" x 12" x 4" Hinged Cover, Galvanized Steel NEMA 1 Enclosure	213.70	60.83
26 27 16 00-0016			6" Depth, Hinged Cover, Galvanized Steel NEMA 1 Enclosures <small>(26 27 16 00-0002)</small>		
26 27 16 00-0017	EA		6" x 6" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	89.03	26.07
26 27 16 00-0018	EA		8" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	108.50	30.42
26 27 16 00-0019	EA		10" x 8" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	129.32	36.93
26 27 16 00-0020	EA		10" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	139.97	39.11
26 27 16 00-0021	EA		12" x 10" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	150.87	41.28
26 27 16 00-0022	EA		12" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	162.30	43.45
26 27 16 00-0023	EA		16" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	205.65	56.49
26 27 16 00-0024	EA		16" x 16" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	248.98	69.52
26 27 16 00-0025	EA		18" x 12" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	240.00	67.35
26 27 16 00-0026	EA		18" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	312.83	86.90
26 27 16 00-0027	EA		24" x 18" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	405.43	99.94
26 27 16 00-0028	EA		24" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	465.15	108.63

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0029 EA 30" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	519.78	115.14
26 27 16 00-0030 EA 36" x 24" x 6", Hinged Cover, Galvanized Steel NEMA 1 Enclosure	568.97	119.49
26 27 16 00-0031 EA 24-1/2" x 12-1/2" x 6-1/2", Hinged Cover, Galvanized Steel NEMA 1 Enclosure (Control Products MH3803L)	388.02	86.90
26 27 16 00-0032 Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0001)		
26 27 16 00-0033 3" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)		
26 27 16 00-0034 EA 4" x 4" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	48.38	15.21
26 27 16 00-0035 EA 6" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	69.15	21.72
26 27 16 00-0036 EA 8" x 6" x 3" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	77.22	23.90
26 27 16 00-0037 4" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)		
26 27 16 00-0038 EA 4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	54.00	17.38
26 27 16 00-0039 EA 6" x 4" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	66.90	21.72
26 27 16 00-0040 EA 6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	74.83	23.90
26 27 16 00-0041 EA 8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	82.89	26.07
26 27 16 00-0042 EA 8" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	96.71	30.42
26 27 16 00-0043 EA 10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	105.18	32.59
26 27 16 00-0044 EA 10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	114.11	34.77
26 27 16 00-0045 EA 12" x 8" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	113.76	34.77
26 27 16 00-0046 EA 12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	123.10	36.93
26 27 16 00-0047 EA 12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	132.72	39.11
26 27 16 00-0048 EA 16" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	173.37	52.14
26 27 16 00-0049 EA 16" x 16" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	214.70	65.18
26 27 16 00-0050 EA 18" x 12" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	199.14	60.83
26 27 16 00-0051 EA 18" x 18" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	258.09	78.21
26 27 16 00-0052 EA 24" x 24" x 4" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	376.30	97.76
26 27 16 00-0053 6" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)		
26 27 16 00-0054 EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	83.39	26.07
26 27 16 00-0055 EA 8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	92.10	28.24
26 27 16 00-0056 EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	106.16	32.59
26 27 16 00-0057 EA 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	120.54	36.93
26 27 16 00-0058 EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	130.01	39.11
26 27 16 00-0059 EA 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	139.61	41.28
26 27 16 00-0060 EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	149.61	43.45
26 27 16 00-0061 EA 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	191.35	56.49
26 27 16 00-0062 EA 16" x 16" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	235.08	69.52
26 27 16 00-0063 EA 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	223.11	67.35
26 27 16 00-0064 EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	290.26	86.90
26 27 16 00-0065 EA 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	364.60	99.94
26 27 16 00-0066 EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	419.29	108.63
26 27 16 00-0067 EA 30" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	453.23	115.14
26 27 16 00-0068 EA 36" x 24" x 6" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	497.32	119.49
26 27 16 00-0069 8" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)		
26 27 16 00-0070 EA 8" x 8" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	120.54	36.93
26 27 16 00-0071 EA 12" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	165.07	47.80
26 27 16 00-0072 EA 16" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	209.83	60.83
26 27 16 00-0073 EA 16" x 16" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	260.31	76.04
26 27 16 00-0074 EA 18" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	248.50	73.87
26 27 16 00-0075 EA 18" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	307.90	91.25
26 27 16 00-0076 EA 24" x 12" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	342.76	104.29
26 27 16 00-0077 EA 24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	400.03	110.80
26 27 16 00-0078 EA 24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	462.43	119.49
26 27 16 00-0079 EA 30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	492.32	126.01
26 27 16 00-0080 EA 30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	517.71	130.35
26 27 16 00-0081 EA 36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	532.26	130.35
26 27 16 00-0082 10" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)		
26 27 16 00-0083 EA 18" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	282.34	82.55
26 27 16 00-0084 EA 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	372.11	106.45
26 27 16 00-0085 EA 24" x 12" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	375.39	112.98
26 27 16 00-0086 EA 24" x 18" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	493.05	121.66
26 27 16 00-0087 EA 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	568.72	134.70
26 27 16 00-0088 EA 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	633.68	139.04
26 27 16 00-0089 EA 36" x 24" x 10" Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	676.66	145.56
26 27 16 00-0090 12" Depth, Screw Cover, Galvanized Steel NEMA 1 Enclosures (26 27 16 00-0032)		
26 27 16 00-0091 EA 18" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	410.86	117.32
26 27 16 00-0092 EA 24" x 12" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	407.51	123.84
26 27 16 00-0093 EA 24" x 18" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	541.87	134.70
26 27 16 00-0094 EA 24" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	620.62	147.73
26 27 16 00-0095 EA 30" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	699.21	154.25
26 27 16 00-0096 EA 36" x 24" x 12", Screw Cover, Galvanized Steel NEMA 1 Enclosure.....	737.94	160.77

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0097			NEMA 1 Enclosures For Up To 6 Boards, Lockable <small>(26 27 16)</small>		
26 27 16 00-0098			4.5" Depth, Hinged Cover, Powder Coated Steel, NEMA 1 Enclosures <small>(26 27 16 00-0097)</small>		
26 27 16 00-0099	EA		24" High x 18" Wide x 4.5" Deep, 18 Gauge, Powder Coated Steel, NEMA 1 Enclosure (RS2 Technologies NCL-12)	1,169.33	95.60
26 27 16 00-0100			NEMA 12 Enclosures, Lockable <small>(26 27 16)</small>		
			Note: Dust-tight enclosures.		
26 27 16 00-0101			Hinged Cover, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0100)</small>		
26 27 16 00-0102			4" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0101)</small>		
26 27 16 00-0103	EA		4" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	105.44	17.38
26 27 16 00-0104	EA		6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	136.86	23.90
26 27 16 00-0105	EA		8" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	169.01	30.42
26 27 16 00-0106	EA		10" x 8" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	183.10	32.59
26 27 16 00-0107	EA		12" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	206.20	34.77
26 27 16 00-0108	EA		12" x 10" x 4" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	222.32	36.93
26 27 16 00-0109			6" Depth, Hinged Cover, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0101)</small>		
26 27 16 00-0110	EA		6" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	152.11	26.07
26 27 16 00-0111	EA		8" x 6" x 6" Hinged Cover, Galvanized Steel NEMA 12 Enclosure	167.76	28.24
26 27 16 00-0112			Screw Cover, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0100)</small>		
26 27 16 00-0113			4" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0112)</small>		
26 27 16 00-0114	EA		4" x 4" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	220.47	17.38
26 27 16 00-0115	EA		6" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	263.17	23.90
26 27 16 00-0116	EA		8" x 6" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	298.01	26.07
26 27 16 00-0117	EA		10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	340.69	30.42
26 27 16 00-0118	EA		10" x 8" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	349.86	32.59
26 27 16 00-0119	EA		10" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	414.78	34.77
26 27 16 00-0120	EA		12" x 10" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	445.53	36.93
26 27 16 00-0121	EA		12" x 12" x 4" Screw Cover, Galvanized Steel NEMA 12 Enclosure	508.21	39.11
26 27 16 00-0122			6" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0112)</small>		
26 27 16 00-0123	EA		6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	321.70	26.07
26 27 16 00-0124	EA		8" x 6" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	364.18	28.24
26 27 16 00-0125	EA		8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	396.21	32.59
26 27 16 00-0126	EA		10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	468.37	39.11
26 27 16 00-0127	EA		12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	508.23	43.45
26 27 16 00-0128	EA		16" x 14" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	707.42	56.49
26 27 16 00-0129	EA		18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,096.51	86.90
26 27 16 00-0130	EA		24" x 16" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,442.21	99.94
26 27 16 00-0131	EA		24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,627.75	108.63
26 27 16 00-0132			8" Depth, Screw Cover, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0112)</small>		
26 27 16 00-0133	EA		24" x 18" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,501.00	110.80
26 27 16 00-0134	EA		24" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,733.32	119.49
26 27 16 00-0135	EA		30" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	1,907.60	126.01
26 27 16 00-0136	EA		30" x 30" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,106.86	130.35
26 27 16 00-0137	EA		36" x 24" x 8" Screw Cover, Galvanized Steel NEMA 12 Enclosure	2,077.08	130.35
26 27 16 00-0138			Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0100)</small>		
26 27 16 00-0139			8" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0138)</small>		
26 27 16 00-0140	EA		60" x 48" x 8" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,755.86	176.53
26 27 16 00-0141			10" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0138)</small>		
26 27 16 00-0142	EA		60" x 48" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	6,815.39	195.53
26 27 16 00-0143	EA		60" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,823.12	209.11
26 27 16 00-0144	EA		72" x 60" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,992.95	260.71
26 27 16 00-0145	EA		72" x 72" x 10" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	10,036.14	307.42
26 27 16 00-0146			12" Depth, Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosures <small>(26 27 16 00-0138)</small>		
26 27 16 00-0147	EA		60" x 48" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	7,235.90	307.42
26 27 16 00-0148	EA		60" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	8,072.04	325.88
26 27 16 00-0149	EA		72" x 60" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure	9,175.97	347.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0150 EA 72" x 72" x 12" Double Door, Floor Mounted, Galvanized Steel NEMA 12 Enclosure.....	10,138.03	347.61
26 27 16 00-0151 NEMA 3 Enclosures, Lockable <small>(26 27 16)</small> Note: Can be used underground or encased in concrete.		
26 27 16 00-0152 2" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0151)</small>		
26 27 16 00-0153 EA 4" x 4" x 2" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	286.64	76.04
26 27 16 00-0154 3" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0151)</small>		
26 27 16 00-0155 EA 4" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	307.93	76.04
26 27 16 00-0156 EA 5" x 5" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	393.98	78.75
26 27 16 00-0157 EA 6" x 4" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	408.47	78.75
26 27 16 00-0158 EA 6" x 6" x 3" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	513.64	81.47
26 27 16 00-0159 4" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0151)</small>		
26 27 16 00-0160 EA 4" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	390.06	78.75
26 27 16 00-0161 EA 5" x 5" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	427.95	78.75
26 27 16 00-0162 EA 6" x 4" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	446.11	81.47
26 27 16 00-0163 EA 6" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	562.49	81.47
26 27 16 00-0164 EA 8" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	618.42	86.90
26 27 16 00-0165 EA 8" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	665.70	92.34
26 27 16 00-0166 EA 10" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	693.38	92.34
26 27 16 00-0167 EA 10" x 8" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	824.98	95.05
26 27 16 00-0168 EA 12" x 6" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	895.16	97.76
26 27 16 00-0169 EA 12" x 12" x 4" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,226.34	108.63
26 27 16 00-0170 6" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0151)</small>		
26 27 16 00-0171 EA 6" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	594.14	84.19
26 27 16 00-0172 EA 8" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	749.08	95.05
26 27 16 00-0173 EA 8" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	878.13	97.76
26 27 16 00-0174 EA 10" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,012.42	100.48
26 27 16 00-0175 EA 10" x 10" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,077.71	100.48
26 27 16 00-0176 EA 12" x 8" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,225.99	108.63
26 27 16 00-0177 EA 12" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,418.24	122.21
26 27 16 00-0178 EA 16" x 6" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,336.34	116.78
26 27 16 00-0179 EA 18" x 12" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,598.48	217.26
26 27 16 00-0180 EA 18" x 18" x 6", Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	4,505.78	271.57
26 27 16 00-0181 8" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0151)</small>		
26 27 16 00-0182 EA 8" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,087.81	103.19
26 27 16 00-0183 EA 12" x 8" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,636.57	135.78
26 27 16 00-0184 EA 12" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	1,663.24	135.78
26 27 16 00-0185 EA 16" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,252.56	203.68
26 27 16 00-0186 EA 18" x 12" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	2,968.85	217.26
26 27 16 00-0187 EA 24" x 24" x 8" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	7,540.45	380.20
26 27 16 00-0188 10" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0151)</small>		
26 27 16 00-0189 EA 18" x 12" x 10" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	3,959.33	271.57
26 27 16 00-0190 12" Depth, Screw Cover, Galvanized Cast Iron NEMA 3 Enclosures <small>(26 27 16 00-0151)</small>		
26 27 16 00-0191 EA 18" x 18" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	6,093.04	325.88
26 27 16 00-0192 EA 24" x 12" x 12" Screw Cover, Galvanized Cast Iron NEMA 3 Enclosure	5,009.66	298.73
26 27 16 00-0193 NEMA 3R Enclosures, Lockable <small>(26 27 16)</small> Note: Rain-tight enclosures.		
26 27 16 00-0194 Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0194)</small>		
26 27 16 00-0195 4" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0194)</small>		
26 27 16 00-0196 EA 6" x 4" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	98.57	21.72
26 27 16 00-0197 EA 6" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	108.88	23.90
26 27 16 00-0198 EA 8" x 6" x 4" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	166.26	26.07
26 27 16 00-0199 6" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0194)</small>		
26 27 16 00-0200 EA 8" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	209.41	32.59
26 27 16 00-0201 EA 10" x 8" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	233.72	36.93
26 27 16 00-0202 EA 12" x 10" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	275.35	41.28
26 27 16 00-0203 EA 12" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	298.33	43.45
26 27 16 00-0204 EA 16" x 12" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	388.46	56.49
26 27 16 00-0205 EA 16" x 16" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	463.44	69.52
26 27 16 00-0206 EA 18" x 18" x 6" Hinged Cover, Galvanized Steel NEMA 3R Enclosure.....	525.24	86.90

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 27 16 00-0207	8" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0208	EA 24" x 20" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	809.36	110.80
26 27 16 00-0209	EA 24" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	899.49	119.49
26 27 16 00-0210	EA 30" x 24" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,017.23	126.01
26 27 16 00-0211	EA 30" x 30" x 8" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,071.09	130.35
26 27 16 00-0212	10" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0213	EA 12" x 48" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,005.06	134.70
26 27 16 00-0214	EA 12" x 54" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,135.39	152.08
26 27 16 00-0215	EA 12" x 60" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,256.86	168.38
26 27 16 00-0216	EA 12" x 66" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,385.02	185.76
26 27 16 00-0217	EA 12" x 72" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,507.59	202.05
26 27 16 00-0218	EA 18" x 18" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	644.00	106.45
26 27 16 00-0219	EA 24" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,005.06	134.70
26 27 16 00-0220	EA 30" x 24" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,201.26	139.04
26 27 16 00-0221	EA 36" x 36" x 10" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,533.82	152.08
26 27 16 00-0222	12" Depth, Hinged Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0194)		
26 27 16 00-0223	EA 12" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	987.69	107.55
26 27 16 00-0224	EA 12" x 54" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,107.26	120.58
26 27 16 00-0225	EA 12" x 60" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,225.76	133.61
26 27 16 00-0226	EA 12" x 66" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,356.06	147.73
26 27 16 00-0227	EA 12" x 72" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,475.63	160.77
26 27 16 00-0228	EA 18" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	737.82	80.39
26 27 16 00-0229	EA 18" x 32" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	987.69	107.55
26 27 16 00-0230	EA 18" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,107.26	120.58
26 27 16 00-0231	EA 18" x 42" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,304.25	141.22
26 27 16 00-0232	EA 18" x 48" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,475.63	160.77
26 27 16 00-0233	EA 30" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,399.32	158.60
26 27 16 00-0234	EA 36" x 24" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,475.63	160.77
26 27 16 00-0235	EA 36" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,556.73	165.12
26 27 16 00-0236	EA 36" x 36" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,739.62	173.81
26 27 16 00-0237	EA 42" x 30" x 12" Hinged Cover, Galvanized Steel NEMA 3R Enclosure	1,890.07	182.50
26 27 16 00-0238	Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0193)		
26 27 16 00-0239	4" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0240	EA 4" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	67.61	17.38
26 27 16 00-0241	EA 6" x 4" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	81.50	21.72
26 27 16 00-0242	EA 6" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	90.03	23.90
26 27 16 00-0243	EA 8" x 6" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	99.95	26.07
26 27 16 00-0244	EA 8" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	116.02	30.42
26 27 16 00-0245	EA 10" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	126.63	32.59
26 27 16 00-0246	EA 10" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	138.23	34.77
26 27 16 00-0247	EA 12" x 8" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	137.56	34.77
26 27 16 00-0248	EA 12" x 10" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	150.70	36.93
26 27 16 00-0249	EA 12" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	162.28	39.11
26 27 16 00-0250	EA 18" x 12" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	244.64	60.83
26 27 16 00-0251	EA 18" x 18" x 4", Screw Cover, Galvanized Steel NEMA 3R Enclosure	327.25	78.21
26 27 16 00-0252	6" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0253	EA 6" x 6" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	93.35	26.07
26 27 16 00-0254	EA 8" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	128.41	32.59
26 27 16 00-0255	EA 10" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	145.47	36.93
26 27 16 00-0256	EA 10" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	157.97	39.11
26 27 16 00-0257	EA 12" x 8" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	156.99	39.11
26 27 16 00-0258	EA 12" x 10" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	170.29	41.28
26 27 16 00-0259	EA 12" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	183.72	43.45
26 27 16 00-0260	EA 16" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	239.85	56.49
26 27 16 00-0261	EA 18" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	275.35	67.35
26 27 16 00-0262	EA 18" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	368.41	86.90
26 27 16 00-0263	EA 24" x 12" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	383.68	93.42
26 27 16 00-0264	EA 24" x 18" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	440.86	99.94
26 27 16 00-0265	EA 24" x 24" x 6" Screw Cover, Galvanized Steel NEMA 3R Enclosure	497.93	108.63
26 27 16 00-0266	8" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures (26 27 16 00-0238)		
26 27 16 00-0267	EA 12" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	205.93	47.80
26 27 16 00-0268	EA 18" x 12" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	296.66	73.87
26 27 16 00-0269	EA 18" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	407.80	95.60
26 27 16 00-0270	EA 24" x 18" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	487.74	110.80
26 27 16 00-0271	EA 24" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	553.85	119.49
26 27 16 00-0272	EA 30" x 24" x 8", Screw Cover, Galvanized Steel NEMA 3R Enclosure	617.62	126.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0273 10" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0238)</small>		
26 27 16 00-0274 EA 18" x 18" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	449.55	106.45
26 27 16 00-0275 EA 24" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	607.90	134.70
26 27 16 00-0276 EA 30" x 24" x 10" Screw Cover, Galvanized Steel NEMA 3R Enclosure	669.93	139.04
26 27 16 00-0277 12" Depth, Screw Cover, Galvanized Steel NEMA 3R Enclosures <small>(26 27 16 00-0238)</small>		
26 27 16 00-0278 EA 24" x 24" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	671.93	147.73
26 27 16 00-0279 EA 30" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	951.30	160.77
26 27 16 00-0280 EA 36" x 30" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	983.54	165.12
26 27 16 00-0281 EA 36" x 36" x 12" Screw Cover, Galvanized Steel NEMA 3R Enclosure	1,156.91	173.81
26 27 16 00-0282 NEMA 4 Enclosures, Lockable <small>(26 27 16)</small>		
Note: Water-tight enclosures.		
26 27 16 00-0283 Hinge Cover, Painted Steel NEMA 4 Enclosures <small>(26 27 16 00-0282)</small>		
26 27 16 00-0284 EA 4" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	113.62	15.21
26 27 16 00-0285 EA 6" x 4" x 3" Hinge Cover, Painted Steel NEMA 4 Enclosure	132.21	18.47
26 27 16 00-0286 EA 8" x 6" x 3.5" Hinge Cover, Painted Steel NEMA 4 Enclosure	165.07	23.90
26 27 16 00-0287 EA 6" x 6" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	156.48	23.90
26 27 16 00-0288 EA 10" x 8" x 4" Hinge Cover, Painted Steel NEMA 4 Enclosure	208.81	32.59
26 27 16 00-0289 EA 12" x 10" x 5" Hinge Cover, Painted Steel NEMA 4 Enclosure	260.89	39.11
26 27 16 00-0290 EA 10" x 8" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	240.61	36.93
26 27 16 00-0291 EA 12" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	280.31	43.45
26 27 16 00-0292 EA 14" x 12" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	330.41	49.97
26 27 16 00-0293 EA 16" x 14" x 6" Hinge Cover, Painted Steel NEMA 4 Enclosure	399.29	63.01
26 27 16 00-0294 Clamp Cover, Painted Steel NEMA 4 Enclosures <small>(26 27 16 00-0282)</small>		
26 27 16 00-0295 EA 4" x 4" x 3" Clamp Cover, Painted Steel NEMA 4 Enclosure	103.64	15.21
26 27 16 00-0296 EA 6" x 6" x 4" Clamp Cover, Painted Steel NEMA 4 Enclosure	146.53	23.90
26 27 16 00-0297 Screw Cover, Fiberglass NEMA 4 Or 4x Enclosures <small>(26 27 16 00-0282)</small>		
26 27 16 00-0298 EA 6" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	129.25	20.86
26 27 16 00-0299 EA 8" x 6" x 4", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	137.10	22.60
26 27 16 00-0300 EA 10" x 8" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	167.38	29.54
26 27 16 00-0301 EA 12" x 10" x 6", Screw Cover, Fiberglass NEMA 4 Or 4X Enclosure	196.46	32.59
26 27 16 00-0302 EA 14" x 12" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	254.79	41.28
26 27 16 00-0303 EA 16" x 14" x 8", Screw Cover, Fiberglass NEMA 4 Enclosure	297.63	48.88
26 27 16 00-0304 EA 18" x 16" x 10", Screw Cover, Fiberglass NEMA 4 Enclosure	414.24	78.21
26 27 16 00-0305 NEMA 4X Enclosures, Lockable <small>(26 27 16)</small>		
Note: Water-tight enclosures.		
26 27 16 00-0306 Clamp Cover, Aluminum NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
26 27 16 00-0307 EA 6" x 4" x 3" Clamp Cover, Aluminum NEMA 4X Enclosure	232.74	17.38
26 27 16 00-0308 EA 6" x 6" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	272.65	23.90
26 27 16 00-0309 EA 10" x 8" x 4" Clamp Cover, Aluminum NEMA 4X Enclosure	344.41	32.59
26 27 16 00-0310 EA 12" x 10" x 5" Clamp Cover, Aluminum NEMA 4X Enclosure	418.34	39.11
26 27 16 00-0311 EA 14" x 12" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	514.87	49.97
26 27 16 00-0312 EA 16" x 14" x 6" Clamp Cover, Aluminum NEMA 4X Enclosure	605.96	63.01
26 27 16 00-0313 Clamp Cover, 304 Stainless Steel NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
26 27 16 00-0314 EA 4" x 4" x 3", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	328.57	15.21
For 316 Stainless Steel, Add	46.49	
26 27 16 00-0315 EA 6" x 4" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	426.10	21.72
For 316 Stainless Steel, Add	59.49	
26 27 16 00-0316 EA 6" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	483.31	23.90
For 316 Stainless Steel, Add	67.77	
26 27 16 00-0317 EA 8" x 6" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	553.97	26.07
For 316 Stainless Steel, Add	78.21	
26 27 16 00-0318 EA 10" x 8" x 4", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	680.00	32.59
For 316 Stainless Steel, Add	95.76	
26 27 16 00-0319 EA 12" x 10" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	959.39	41.28
For 316 Stainless Steel, Add	136.99	
26 27 16 00-0320 EA 14" x 12" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,197.00	49.97
For 316 Stainless Steel, Add	171.53	
26 27 16 00-0321 EA 16" x 14" x 6", Clamp Cover, 304 Stainless Steel NEMA 4X Enclosure	1,441.26	63.01
For 316 Stainless Steel, Add	205.40	
26 27 16 00-0322 Screw Cover, Polycarbonate NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0323 EA 6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	140.54	23.90
26 27 16 00-0324 EA 8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	158.73	26.07
26 27 16 00-0325 EA 8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	181.29	30.42
26 27 16 00-0326 EA 10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	197.35	32.59
26 27 16 00-0327 EA 12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	228.41	36.93

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0328	EA		10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	213.52	36.93
26 27 16 00-0329	EA		12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	249.83	41.28
26 27 16 00-0330	EA		14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	314.14	49.97
26 27 16 00-0331	EA		16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	398.58	68.44
26 27 16 00-0332	EA		18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	507.04	98.52
26 27 16 00-0333	EA		6" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	152.24	23.90
26 27 16 00-0334	EA		8" x 6" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	172.56	26.07
26 27 16 00-0335	EA		8" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	196.17	30.42
26 27 16 00-0336	EA		10" x 8" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	215.41	32.59
26 27 16 00-0337	EA		12" x 10" x 4" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	247.54	36.93
26 27 16 00-0338	EA		10" x 8" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	231.61	36.93
26 27 16 00-0339	EA		12" x 10" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	274.35	41.28
26 27 16 00-0340	EA		14" x 12" x 6" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	326.89	49.97
26 27 16 00-0341	EA		16" x 14" x 8" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	425.16	68.44
26 27 16 00-0342	EA		18" x 16" x 10" Screw Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	535.73	98.52
26 27 16 00-0343			Hinged Cover, Polycarbonate NEMA 4X Enclosures <small>(26 27 16 00-0305)</small>		
			Note: NEMA 3R, 4, 4X and 12 rated.		
26 27 16 00-0344	EA		6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	173.50	23.90
26 27 16 00-0345	EA		8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	185.31	26.07
26 27 16 00-0346	EA		8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	209.98	30.42
26 27 16 00-0347	EA		10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	227.11	32.59
26 27 16 00-0348	EA		12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	269.87	36.93
26 27 16 00-0349	EA		10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	246.49	36.93
26 27 16 00-0350	EA		12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	305.16	41.28
26 27 16 00-0351	EA		14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	361.98	49.97
26 27 16 00-0352	EA		16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	440.04	68.44
26 27 16 00-0353	EA		18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Opaque Cover	561.24	98.52
26 27 16 00-0354	EA		6" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	182.01	23.90
26 27 16 00-0355	EA		8" x 6" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	201.25	26.07
26 27 16 00-0356	EA		8" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	224.86	30.42
26 27 16 00-0357	EA		10" x 8" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	243.05	32.59
26 27 16 00-0358	EA		12" x 10" x 4" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	291.13	36.93
26 27 16 00-0359	EA		10" x 8" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	264.55	36.93
26 27 16 00-0360	EA		12" x 10" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	327.50	41.28
26 27 16 00-0361	EA		14" x 12" x 6" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	372.61	49.97
26 27 16 00-0362	EA		16" x 14" x 8" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	475.11	68.44
26 27 16 00-0363	EA		18" x 16" x 10" Hinged Cover, Polycarbonate NEMA 4X Enclosure With Clear Cover	598.46	98.52
26 27 16 00-0364			NEMA 7/9 Enclosures, Lockable <small>(26 27 16)</small>		
			Note: Nominal inside dimensions.		
26 27 16 00-0365			4" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		
26 27 16 00-0366	EA		6" x 6" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,282.47	122.21
			<i>For Mounting Pan, Add</i>	54.95	
26 27 16 00-0367	EA		6" x 8" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,020.16	130.35
			<i>For Mounting Pan, Add</i>	102.39	
26 27 16 00-0368	EA		8" x 10" x 4" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,002.22	146.65
			<i>For Mounting Pan, Add</i>	141.19	
26 27 16 00-0369			6" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		
26 27 16 00-0370	EA		8" x 8" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	1,779.22	146.65
			<i>For Mounting Pan, Add</i>	71.79	
26 27 16 00-0371	EA		8" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,321.27	150.72
			<i>For Mounting Pan, Add</i>	141.19	
26 27 16 00-0372	EA		8" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,374.62	162.94
			<i>For Mounting Pan, Add</i>	108.00	
26 27 16 00-0373	EA		10" x 10" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	2,437.30	162.94
			<i>For Mounting Pan, Add</i>	126.36	
26 27 16 00-0374	EA		10" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,448.00	203.68
			<i>For Mounting Pan, Add</i>	165.78	
26 27 16 00-0375	EA		12" x 12" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,251.04	183.31
			<i>For Mounting Pan, Add</i>	103.51	
26 27 16 00-0376	EA		12" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	3,362.19	203.68
			<i>For Mounting Pan, Add</i>	154.88	
26 27 16 00-0377	EA		12" x 24" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,189.75	366.62
			<i>For Mounting Pan, Add</i>	208.37	
26 27 16 00-0378	EA		14" x 14" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	4,124.13	244.41
			<i>For Mounting Pan, Add</i>	202.88	
26 27 16 00-0379	EA		16" x 16" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	5,405.93	407.35
			<i>For Mounting Pan, Add</i>	186.26	
26 27 16 00-0380	EA		18" x 18" x 6" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure	6,485.14	407.35
			<i>For Mounting Pan, Add</i>	302.80	
26 27 16 00-0381			8" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0382 EA 8" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,771.97 108.00	183.31
26 27 16 00-0383 EA 10" x 10" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	2,791.45 126.36	183.31
26 27 16 00-0384 EA 10" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	3,162.43 165.78	183.31
26 27 16 00-0385 EA 12" x 12" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	3,504.35 103.51	203.68
26 27 16 00-0386 EA 12" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	5,089.26 154.88	366.62
26 27 16 00-0387 EA 12" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	6,192.84 208.37	448.10
26 27 16 00-0388 EA 12" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	9,738.43 313.37	529.57
26 27 16 00-0389 EA 14" x 14" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	5,573.24 202.88	448.10
26 27 16 00-0390 EA 16" x 16" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	5,725.91 186.26	448.10
26 27 16 00-0391 EA 16" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	8,543.66 279.20	488.83
26 27 16 00-0392 EA 18" x 18" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	7,053.52 302.80	448.10
26 27 16 00-0393 EA 18" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	9,429.75 442.78	488.83
26 27 16 00-0394 EA 18" x 30" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	9,364.94 590.29	488.83
26 27 16 00-0395 EA 18" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	14,547.10 737.75	651.77
26 27 16 00-0396 EA 24" x 24" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	11,069.20 685.98	529.57
26 27 16 00-0397 EA 24" x 36" x 8" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	20,065.14 939.10	814.71
26 27 16 00-0398 10" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		
26 27 16 00-0399 EA 12" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	10,131.16 313.37	529.57
26 27 16 00-0400 EA 16" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	9,325.90 279.20	488.83
26 27 16 00-0401 EA 18" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	10,160.39 442.78	529.57
26 27 16 00-0402 EA 18" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	12,841.76 737.75	570.30
26 27 16 00-0403 EA 24" x 24" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	11,358.41 685.98	570.30
26 27 16 00-0404 EA 24" x 36" x 10" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	21,864.31 939.10	814.71
26 27 16 00-0405 12" Depth, Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosures <small>(26 27 16 00-0364)</small>		
26 27 16 00-0406 EA 12" x 24" x 12" Hinged/Bolted Cover, Cast Aluminum Explosion Proof NEMA 7/9 Enclosure..... <i>For Mounting Pan, Add</i>	6,332.91 208.37	448.10
26 27 16 00-0407 Breaker Enclosures <small>(26 27 16)</small>		
See CSI section 26 24 16 00-0001 for lighting and power panel boards.		
26 27 16 00-0408 15 To 100 Amperes, F-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0409 EA NEMA 1, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	380.05	86.90
26 27 16 00-0410 EA NEMA 3R, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	719.41	86.90
26 27 16 00-0411 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	1,800.49	119.49
26 27 16 00-0412 EA NEMA 7, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	2,449.65	130.35
26 27 16 00-0413 EA NEMA 9, Cast Aluminum, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	1,776.38	130.35
26 27 16 00-0414 EA NEMA 12, Painted Steel, 15 To 100 Amperes, F-Frame Breaker Enclosure.....	604.55	119.49
26 27 16 00-0415 15 To 250 Amperes, H Or J-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0416 EA NEMA 1, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	612.17	119.49
26 27 16 00-0417 EA NEMA 3R, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	1,155.61	119.49
26 27 16 00-0418 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	4,019.69	152.08
26 27 16 00-0419 EA NEMA 12, Painted Steel, 15 To 250 Amperes, H Or J-Frame Breaker Enclosure.....	939.23	152.08
26 27 16 00-0420 125 To 400 Amperes, L-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		
26 27 16 00-0421 EA NEMA 1, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	943.89	238.98
26 27 16 00-0422 EA NEMA 3R, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	2,283.98	238.98
26 27 16 00-0423 EA NEMA 3/3R/4/4X/5/12, Stainless Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	6,798.74	304.16
26 27 16 00-0424 EA NEMA 12, Painted Steel, 125 To 400 Amperes, L-Frame Breaker Enclosure.....	1,593.57	304.16
26 27 16 00-0425 300 To 800 Amperes, M-Frame Breaker Enclosures <small>(26 27 16 00-0407)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 16 00-0426	EA		NEMA 1, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	1,852.06	456.24
26 27 16 00-0427	EA		NEMA 3R, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	3,268.44	456.24
26 27 16 00-0428	EA		NEMA 3/3R/4/4X/5/12, Stainless Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	12,221.49	586.60
26 27 16 00-0429	EA		NEMA 12, Painted Steel, 300 To 800 Amperes, M-Frame Breaker Enclosure.....	6,539.61	586.60
26 27 16 00-0430			250 To 1,200 Amperes, P-Frame Breaker Enclosures (26 27 16 00-0407)		
26 27 16 00-0431	EA		NEMA 1, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure.....	2,287.45	456.24
26 27 16 00-0432	EA		NEMA 3R, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure.....	3,956.99	456.24
26 27 16 00-0433	EA		NEMA 3R/5/12, Painted Steel, 250 To 1,200 Amperes, P-Frame Breaker Enclosure.....	8,263.71	586.60
26 27 16 00-0434			Legend Plates (26 27 16)		
26 27 16 00-0435	EA		3" Phenolic Plastic Cabinet Legend Plate Engraved With 1/2" Letters.....	19.63	5.43
26 27 16 00-0436	EA		3" Engraved Aluminum Cabinet Legend Plate Engraved With 1/2" Letters.....	27.50	5.43
26 27 19			Multi-Outlet Assemblies (26 27)		
26 27 19 00-0001			Surface Metal Raceway, Preassembled With Outlets (26 27 19) Note: Exposed installations on masonry, concrete block or drywall walls or ceilings. (Wiremold or approved equal).		
26 27 19 00-0002	LF		Single Circuit, Plugmold #2000, 3' With Outlets 6" On Center.....	28.05	7.93
			For Concrete Or Masonry Surface, Add	0.79	
26 27 19 00-0003	LF		Single Circuit, Plugmold #2000, 6' With Outlets 6" On Center.....	21.90	5.64
			For Concrete Or Masonry Surface, Add	0.57	
26 27 19 00-0004	LF		Single Circuit, Plugmold #2000, 6' With Outlets 9" On Center.....	20.42	5.97
			For Concrete Or Masonry Surface, Add	0.59	
26 27 19 00-0005	LF		Single Circuit, Plugmold #2000, 6' With Outlets 12" On Center.....	22.80	5.64
			For Concrete Or Masonry Surface, Add	0.57	
26 27 19 00-0006	LF		Single Circuit, Plugmold #2000, 6' With Outlets 18" On Center.....	18.12	5.75
			For Concrete Or Masonry Surface, Add	0.57	
26 27 19 00-0007	LF		Two Circuits, Plugmold #2000, 6' With Outlets 9" On Center.....	25.78	5.64
			For Concrete Or Masonry Surface, Add	0.57	
26 27 19 00-0008	LF		Two Circuits, Plugmold #2000, 6' With Outlets 12" On Center.....	22.53	5.64
			For Concrete Or Masonry Surface, Add	0.57	
26 27 19 00-0009	LF		Two Circuits, Plugmold #2000, 6' With Outlets 18" On Center.....	24.49	5.64
			For Concrete Or Masonry Surface, Add	0.57	
26 27 23			Indoor Service Poles (26 27)		
26 27 23 00-0001			Communication And Power Poles (26 27 23) Note: Includes separate compartments for power and communication cable. Includes removable cover plates with knock-outs for modular jacks and openings to accept modular furniture adapters for communication devices. Includes all necessary mounting plates and assemblies. Excludes electrical and communications wire, power outlets and communication devices. Wiremold Tele-Power Pole series.		
26 27 23 00-0002			Steel Communication And Power Poles (26 27 23 00-0001)		
26 27 23 00-0003			2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0002)		
26 27 23 00-0004			2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0003)		
26 27 23 00-0005	EA		2-1/4" x 2-5/16", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	313.98	48.13
26 27 23 00-0006	EA		2-1/4" x 2-5/16", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	342.27	48.13
26 27 23 00-0007	EA		2-1/4" x 2-5/16", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	374.98	48.13
26 27 23 00-0008			Additional Cover Plates For 2-1/4" Width, Steel Communication And Power Poles (26 27 23 00-0003) Note: Excludes receptacles, communication jacks and wiring.		
26 27 23 00-0009	EA		Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	64.27	9.93
26 27 23 00-0010	EA		Add-On 2-1/4" Width Steel Cover Plate For Three Duplex Receptacles.....	55.34	9.93
26 27 23 00-0011	EA		Add-On 2-1/4" Width Steel Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	63.03	9.93
26 27 23 00-0012	EA		Add-On 2-1/4" Width Steel Cover Plate For Data And A/V Modular Devices.....	45.97	9.93
26 27 23 00-0013	EA		Add-On 2-1/4" Width Steel Cover Plate Radius Control Entrance End Fitting.....	37.37	9.93
26 27 23 00-0014			2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0002)		
26 27 23 00-0015			2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0014)		
26 27 23 00-0016	EA		2-3/4" x 1-17/32", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	410.98	48.13
26 27 23 00-0017	EA		2-3/4" x 1-17/32", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	471.77	48.13
26 27 23 00-0018	EA		2-3/4" x 1-17/32", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	504.58	48.13
26 27 23 00-0019			Additional Cover Plates For 2-3/4" Width, Steel Communication And Power Poles (26 27 23 00-0014) Note: Excludes receptacles and communication jacks.		
26 27 23 00-0020	EA		Add-On 2-3/4" Width Steel Cover Plate For One Single Receptacle.....	42.17	9.93
26 27 23 00-0021	EA		Add-On 2-3/4" Width Steel Cover Plate For One Duplex Receptacle.....	37.63	9.93
26 27 23 00-0022	EA		Add-On 2-3/4" Width Steel Cover Plate For Data And A/V Modular Devices.....	40.88	9.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 23 00-0023		
26 27 23 00-0024		
26 27 23 00-0025	EA 3" x 2-3/4", 10'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	539.80
26 27 23 00-0026	EA 3" x 2-3/4", 12'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	612.98
26 27 23 00-0027	EA 3" x 2-3/4", 15'-5" Height, Enamel Finish, Steel Communication And Power Pole.....	661.21
26 27 23 00-0028		
	Additional Cover Plates For 3" Width, Steel Communication And Power Poles (26 27 23 00-0023)	
	Note: Excludes receptacles and communication jacks.	
26 27 23 00-0029	EA Add-On 3" Width Steel Steel Cover Plate For One Single Receptacle.....	42.17
26 27 23 00-0030	EA Add-On 3" Width Steel Cover Plate For One Duplex Receptacle.....	37.63
26 27 23 00-0031	EA Add-On 3" Width Steel Cover Plate For Data And A/V Modular Devices.....	40.88
26 27 23 00-0032		
26 27 23 00-0033		
26 27 23 00-0034		
26 27 23 00-0035	EA 2-1/8" x 2-3/8", 10'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	430.02
26 27 23 00-0036	EA 2-1/8" x 2-3/8", 12'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	481.18
26 27 23 00-0037	EA 2-1/8" x 2-3/8", 15'-5" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	538.53
26 27 23 00-0038		
	Additional Cover Plates For 2-1/8" Width, Aluminum Communication And Power Poles (26 27 23 00-0033)	
26 27 23 00-0039	EA Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One Single Receptacle.....	66.01
26 27 23 00-0040	EA Add-On 2-1/8" Width Aluminum Cover Plate For Three Duplex Receptacles.....	67.46
26 27 23 00-0041	EA Add-On 2-1/8" Width Aluminum Cover Plate For Two Duplex Receptacles And One GFCI Receptacle.....	72.26
26 27 23 00-0042	EA Add-On 2-1/8" Width Aluminum Cover Plate For Data And A/V Modular Devices.....	48.67
26 27 23 00-0043	EA Add-On 2-1/8" Width Aluminum Radius Control Entrance End Fitting.....	37.37
26 27 23 00-0044		
	2-1/4" Width, Aluminum Communication And Power Poles (26 27 23 00-0032)	
26 27 23 00-0045	EA 2-1/4" x 2-5/16", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	414.04
26 27 23 00-0046	EA 2-1/4" x 2-5/16", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	466.51
26 27 23 00-0047	EA 2-1/4" x 2-5/16", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	528.33
26 27 23 00-0048		
	5" Width, Aluminum Communication And Power Poles (26 27 23 00-0032)	
26 27 23 00-0049	EA 5" x 4-3/4", 10'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	881.41
26 27 23 00-0050	EA 5" x 4-3/4", 12'-8" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	1,010.09
26 27 23 00-0051	EA 5" x 4-3/4", 15'-2" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	1,154.22
26 27 23 00-0052		
	2" Diameter, Round Aluminum Communication And Power Pole (26 27 23 00-0032)	
26 27 23 00-0053	EA 2" Diameter, 10'-4" Height, Satin Anodized Finish, Aluminum Communication And Power Pole.....	472.69
26 27 23 00-0054	EA 2" Diameter, 10'-4" Height, Painted White Finish, Aluminum Communication And Power Pole.....	446.75
26 27 23 00-0055	EA 2" Diameter, 10'-4" Height, Polished Anodized Finish, Aluminum Communication And Power Pole.....	576.18
26 27 26	Wiring Devices (26 27)	
	Note: Includes device, installation, wire connections, support clips (where necessary) and testing. Assemblies include outlet device, cover plate, mounting and appropriate box.	
26 27 26 00-0001	Receptacles (26 27 26)	
26 27 26 00-0002	General Use Receptacles (26 27 26 00-0001)	
26 27 26 00-0003	Receptacle Assemblies (26 27 26 00-0002)	
	Note: Includes 4" square steel box, bracket, mud ring, receptacle and cover plate.	
26 27 26 00-0004	EA 15 Amperes, 1 Gang, NEMA 5-15, Duplex Receptacle Assembly.....	94.29
26 27 26 00-0005	EA 20 Amperes, 1 Gang, NEMA 5-20, Duplex Receptacle Assembly.....	100.72
26 27 26 00-0006	EA 15 Amperes, 2 Gang, NEMA 5-15, Duplex Receptacle Assembly.....	120.52
26 27 26 00-0007	EA 20 Amperes, 2 Gang, NEMA 5-20, Duplex Receptacle Assembly.....	133.39
26 27 26 00-0008	EA 15 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly.....	107.97
26 27 26 00-0009	EA 20 Amperes, 1 Gang, GFI, Duplex Receptacle Assembly.....	115.13
26 27 26 00-0010		
	Receptacle Components (26 27 26 00-0002)	
26 27 26 00-0011	EA 15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Single Receptacle.....	25.45
26 27 26 00-0012	EA 15 Amperes, 125 Volt, 1 Phase, NEMA 5-15, Duplex Receptacle.....	24.65
26 27 26 00-0013	EA 15 Amperes, 120/277 Volt, 3 Wire, Single Receptacle.....	29.36
26 27 26 00-0014	EA 15 Amperes, 120/277 Volt, 3 Wire, Duplex Receptacle.....	32.08
26 27 26 00-0015	EA 15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Single Receptacle.....	40.99
26 27 26 00-0016	EA 15 Amperes, 250 Volt, 1 Phase, NEMA 6-15, Duplex Receptacle.....	49.92
26 27 26 00-0017	EA 20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Single Receptacle.....	26.50
26 27 26 00-0018	EA 20 Amperes, 125 Volt, 1 Phase, NEMA 5-20, Duplex Receptacle.....	25.66
26 27 26 00-0019	EA 20 Amperes, 120/277 Volt, Single Receptacle.....	37.93
26 27 26 00-0020	EA 20 Amperes, 120/277 Volt, Duplex Receptacle.....	31.22

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0021	EA		20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Single Receptacle	40.99	13.58
26 27 26 00-0022	EA		20 Amperes, 250 Volt, 1 Phase, NEMA 6-20, Duplex Receptacle	49.92	13.58
26 27 26 00-0023	EA		20 Amperes, 125/250 Volt, 1 Phase, NEMA 14-20, Single Receptacle	78.58	13.58
26 27 26 00-0024	EA		20 Amperes, 250 Volt, 3 Phase, NEMA 15-20, Single Receptacle	78.58	13.58
26 27 26 00-0025	EA		25 Amperes, 120/277 Volt, Duplex Receptacle	65.62	16.29
26 27 26 00-0026			Specialty Receptacles (26 27 26 00-0001)		
26 27 26 00-0027			Specialty Receptacles (26 27 26 00-0026)		
26 27 26 00-0028	EA		30 Amperes, 125 Volt, 1 Phase, NEMA 5-30, Single Receptacle	58.30	19.01
26 27 26 00-0029	EA		30 Amperes, 250 Volt, 1 Phase, NEMA 6-30, Single Receptacle	58.30	19.01
26 27 26 00-0030	EA		30 Amperes, 125/250 Volt, NEMA 10-30, Single Receptacles	78.90	19.01
26 27 26 00-0031	EA		30 Amperes, 125/250 Volt, 1 Phase, NEMA 14-30, Single Receptacle	89.44	19.01
26 27 26 00-0032	EA		30 Amperes, 250 Volt, 3 Phase, NEMA 15-30, Single Receptacle	94.87	21.72
26 27 26 00-0033	EA		50 Amperes, 125 Volt, 1 Phase, NEMA 5-50, Single Receptacle	87.45	21.72
26 27 26 00-0034	EA		50 Amperes, 250 Volt, 1 Phase, NEMA 6-50, Single Receptacle	85.35	21.72
26 27 26 00-0035	EA		50 Amperes, 277 Volt, NEMA 7-50, Single Receptacle	74.55	21.72
26 27 26 00-0036	EA		50 Amperes, 125/250 Volt, NEMA 10-50, Single Receptacle	95.81	21.72
26 27 26 00-0037	EA		50 Amperes, 125/250 Volt, 1 Phase, NEMA 14-50, Single Receptacle	106.30	21.72
26 27 26 00-0038	EA		50 Amperes, 250 Volt, 3 Phase, NEMA 15-50, Single Receptacle	111.73	24.44
26 27 26 00-0039	EA		60 Amperes, 125/250 Volt, 1 Phase, NEMA 14-60, Single Receptacle	122.88	27.16
26 27 26 00-0040	EA		60 Amperes, 250 Volt, 3 Phase, NEMA 15-60, Single Receptacle	133.75	32.59
26 27 26 00-0041	EA		100 Amperes, 480 Volt, 3 Phase, Joy Receptacle With Box, Complete	1,273.61	255.28
26 27 26 00-0042	EA		400 Amperes, 4 Pole Weatherproof Generator Receptacle With Box, Complete	3,152.27	312.31
26 27 26 00-0043	EA		30 Amperes, 230 Volt, Dryer Receptacle	69.68	21.72
26 27 26 00-0044	EA		60 Amperes, 230 Volt, Range Receptacle	101.92	32.59
26 27 26 00-0045	EA		15 Or 20 Amperes, 120/277 Volt, Clock Hanger Receptacle	66.20	13.58
26 27 26 00-0046	EA		Cable Reel With 20 Amperes, 120 Volt Receptacle, Complete	1,329.35	330.76
26 27 26 00-0047	EA		Projector Receptacle Switchcraft #D4F	73.21	24.44
26 27 26 00-0048	EA		Electronic Receptacle Cannon XLR/SLR	94.75	24.44
26 27 26 00-0049			Isolated Ground Receptacles (26 27 26 00-0026)		
26 27 26 00-0050	EA		15 Amperes, 125 Volt, NEMA 5-15R Isolated Ground Receptacle, Simplex	90.11	10.87
			Note: 2 Pole, 3 wire.		
26 27 26 00-0051	EA		20 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	56.03	13.58
26 27 26 00-0052	EA		20 Amperes, 120 Volt Isolated Ground Receptacles, Duplex	55.82	13.58
26 27 26 00-0053	EA		30 Amperes, 120 Volt Isolated Ground Receptacles, Simplex	77.28	21.72
26 27 26 00-0054	EA		Locking 15 Amperes, 250 Volt Isolated Ground Receptacles	62.91	13.58
26 27 26 00-0055	EA		Locking 15 Amperes, 277 Volt Isolated Ground Receptacles	57.56	13.58
26 27 26 00-0056	EA		Locking 20 Amperes, 120/208 Volt Isolated Ground Receptacles	79.73	16.29
26 27 26 00-0057	EA		Locking 20 Amperes, 277/480 Volt Isolated Ground Receptacles	63.06	16.29
26 27 26 00-0058	EA		Locking 20 Amperes, 347/600 Volt Isolated Ground Receptacles	81.71	16.29
26 27 26 00-0059	EA		Locking 30 Amperes, 120/208 Volt Isolated Ground Receptacles	99.88	16.29
26 27 26 00-0060	EA		Locking 30 Amperes, 277 Volt Isolated Ground Receptacles	97.92	21.72
26 27 26 00-0061			Explosion Proof Receptacles (26 27 26 00-0026)		
26 27 26 00-0062	EA		1/2", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	930.16	27.16
26 27 26 00-0063	EA		3/4", 20 Amperes, 2 Watt, 3 Pole, Type CPS Explosion Proof Receptacle Assembly	855.47	29.87
26 27 26 00-0064	EA		3/4", 30 Amperes, 2 Watt, 3 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,420.79	54.31
26 27 26 00-0065	EA		3/4", 30 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	1,794.25	54.31
26 27 26 00-0066	EA		1-1/4", 60 Amperes, 2 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,266.30	81.47
26 27 26 00-0067	EA		1-1/4", 60 Amperes, 3 Watt, 4 Pole, Type CES/CESD Explosion Proof Receptacle Assembly	2,158.18	81.47
26 27 26 00-0068			Ground Fault Circuit Interrupter (GFCI) (26 27 26 00-0026)		
26 27 26 00-0069	EA		15 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	35.62	13.58
26 27 26 00-0070	EA		20 Amperes, Ground Fault Circuit Interrupter (GFCI), Duplex Receptacle	50.94	16.29
26 27 26 00-0071	EA		15 Amperes, 120 Volt, Ground Fault Circuit Interrupter (GFCI), Weatherproof Duplex Receptacle	38.00	18.50
26 27 26 00-0072	EA		20 Amperes, 120 Volt, Ground Fault Circuit Interrupter (GFCI), Weatherproof Duplex Receptacle	64.97	21.72
26 27 26 00-0073			Arc Fault Circuit Interrupter (AFCI) (26 27 26 00-0026)		
26 27 26 00-0074	EA		15 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	65.46	13.58
26 27 26 00-0075	EA		20 Amperes, 125 Volt Duplex Arc Fault Circuit Interrupter (AFCI), Tamper Resistant Receptacle	72.09	13.58
26 27 26 00-0076			Locking Receptacle (26 27 26 00-0026)		
26 27 26 00-0077	EA		NEMA L5-15, 125 Volt, 2 Pole, 15 Amperes, Locking Receptacle	52.84	13.58
26 27 26 00-0078	EA		NEMA L6-15, 250 Volt, 2 Pole, 15 Amperes, Locking Receptacle	66.16	13.58
26 27 26 00-0079	EA		NEMA L5-20, 125 Volt, 2 Pole, 20 Amperes, Locking Receptacle	58.11	16.29
26 27 26 00-0080	EA		NEMA L6-20, 250 Volt, 2 Pole, 20 Amperes, Locking Receptacle	57.52	16.29
26 27 26 00-0081	EA		NEMA L8-20, 480 Volt, 2 Pole, 20 Amperes, Locking Receptacle	69.25	16.29
26 27 26 00-0082	EA		NEMA L9-20, 600 Volt, 2 Pole, 20 Amperes, Locking Receptacle	84.40	16.29
26 27 26 00-0083	EA		NEMA L10-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	82.72	16.29
26 27 26 00-0084	EA		NEMA L14-20, 125/250 Volt, 3 Pole, 20 Amperes, Locking Receptacle	71.65	16.29
26 27 26 00-0085	EA		NEMA L5-30, 125 Volt, 2 Pole, 30 Amperes, Locking Receptacle	80.51	21.72
26 27 26 00-0086	EA		NEMA L6-30, 250 Volt, 2 Pole, 30 Amperes, Locking Receptacle	81.92	21.72
26 27 26 00-0087	EA		NEMA L15-30, 250 Volt, 3 Pole, 30 Amperes, Locking Receptacle	105.28	21.72

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0088				Hospital Grade Receptacle (26 27 26 00-0026)		
26 27 26 00-0089	EA			15 Amperes, Heavy Duty Hospital Grade, NEMA 5-15, Duplex Receptacle.....	54.15	10.87
26 27 26 00-0090	EA			20 Amperes, Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle.....	59.21	10.87
26 27 26 00-0091	EA			20 Amperes, Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground	68.78	10.87
26 27 26 00-0092	EA			20 Amperes, Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle	59.93	10.87
26 27 26 00-0093	EA			20 Amperes, Extra Heavy Duty Hospital Grade, NEMA 5-20, Duplex Receptacle, Isolated Ground.....	69.83	10.87
26 27 26 00-0094	EA			20 Amperes, Non-Magnetic MRI Hospital Grade, NEMA 5-20, Duplex Receptacle	77.51	10.87
26 27 26 00-0095	EA			120 Volt, Transient Voltage, Surge Suppressor Receptacle.....	151.28	32.59
				Note: Hospital grade receptacle.		
26 27 26 00-0096				Weathertight Pin And Sleeve Receptacle (26 27 26 00-0026)		
26 27 26 00-0097	EA			20 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R4W).....	260.26	54.31
26 27 26 00-0098	EA			20 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R6W).....	259.63	54.31
26 27 26 00-0099	EA			20 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 320R7W).....	271.45	54.31
26 27 26 00-0100	EA			20 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R12W).....	332.47	59.75
26 27 26 00-0101	EA			20 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R9W).....	333.45	59.75
26 27 26 00-0102	EA			20 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 420R7W).....	331.18	59.75
26 27 26 00-0103	EA			30 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R4W).....	397.89	66.80
26 27 26 00-0104	EA			30 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R6W).....	378.65	66.80
26 27 26 00-0105	EA			30 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 330R7W).....	408.76	66.80
26 27 26 00-0106	EA			30 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R12W).....	411.74	73.32
26 27 26 00-0107	EA			30 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R9W).....	411.36	73.32
26 27 26 00-0108	EA			30 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 430R7W).....	414.09	73.32
26 27 26 00-0109	EA			60 Amperes, 2 Pole, 3 Wire, 125 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R4W).....	582.45	86.90
26 27 26 00-0110	EA			60 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R6W).....	559.16	86.90
26 27 26 00-0111	EA			60 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 360R7W).....	574.32	86.90
26 27 26 00-0112	EA			60 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R12W).....	639.59	96.68
26 27 26 00-0113	EA			60 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R9W).....	640.04	96.68
26 27 26 00-0114	EA			60 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 460R7W).....	640.49	96.68
26 27 26 00-0115	EA			100 Amperes, 2 Pole, 3 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R6W).....	711.69	108.63
26 27 26 00-0116	EA			100 Amperes, 2 Pole, 3 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 3100R7W).....	741.55	108.63
26 27 26 00-0117	EA			100 Amperes, 3 Pole, 4 Wire, 125/250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R12W).....	797.27	119.49
26 27 26 00-0118	EA			100 Amperes, 3 Pole, 4 Wire, 250 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R9W).....	795.03	119.49
26 27 26 00-0119	EA			100 Amperes, 3 Pole, 4 Wire, 480 Volt, Watertight Pin And Sleeve Receptacle (Hubbell 4100R7W).....	799.25	119.49
26 27 26 00-0120				Corrosion Resistant Receptacle (26 27 26 00-0026)		
26 27 26 00-0121	EA			15/20 Amperes, 125 Volt Corrosion Resistant, Power Receptacles	69.41	10.87
26 27 26 00-0122	EA			15/20 Amperes, 250 Volt Corrosion Resistant, Power Receptacles	139.86	13.58
26 27 26 00-0123				Tamper Resistant Receptacle (26 27 26 00-0026)		
26 27 26 00-0124	EA			15 Amperes, 125 Volt Duplex Tamper Resistant Receptacle	27.44	10.87
				Note: Pass & Seymour 3232-TR.		
26 27 26 00-0125	EA			20 Amperes, 125 Volt Duplex Tamper Resistant Receptacle	30.39	10.87
				Note: Pass & Seymour TR20.		
26 27 26 00-0126	EA			15 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle	38.83	10.87
				Note: Pass & Seymour TR5251.		
26 27 26 00-0127	EA			20 Amperes, 125 Volt Single Specification Grade Tamper Resistant Receptacle	42.80	10.87
				Note: Pass & Seymour TR5351.		
26 27 26 00-0128	EA			15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Tamper Resistant Receptacle.....	66.61	10.87
				Note: Pass & Seymour S1595-TR*CC8.		
26 27 26 00-0129	EA			15 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle.....	72.28	10.87
				Note: Pass & Seymour 1595-TRS.		
26 27 26 00-0130	EA			20 Amperes, 125 Volt Duplex Ground Fault Circuit Interrupter (GFCI), Specification Grade Tamper Resistant Receptacle.....	77.70	10.87
				Note: Pass & Seymour 2095-TRS.		
26 27 26 00-0131				USB Charger/Duplex Tamper-Resistant Receptacles (26 27 26 00-0026)		
26 27 26 00-0132	EA			15 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	68.68	10.87
26 27 26 00-0133	EA			20 Amperes, 125 Volt Duplex USB Charger/Duplex Tamper-Resistant Receptacle.....	74.55	10.87
26 27 26 00-0134				Television Receptacle (26 27 26 00-0001)		
26 27 26 00-0135	EA			TV Receptacle With Cover (Type F), Complete	70.47	25.20
26 27 26 00-0136				Switches (26 27 26)		
26 27 26 00-0137				Switches (26 27 26 00-0136)		
26 27 26 00-0138				Switch Assemblies (26 27 26 00-0137)		
				Note: Includes 4" square steel box, bracket, mud ring, switch and cover plate.		
26 27 26 00-0139	EA			1 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	97.60	38.02
26 27 26 00-0140	EA			1 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	104.61	41.28
26 27 26 00-0141	EA			2 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	129.86	49.70
26 27 26 00-0142	EA			2 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	141.71	55.13
26 27 26 00-0143	EA			3 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	223.73	85.27

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0144	EA		3 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	241.50	93.42
26 27 26 00-0145	EA		4 Gang, 15 Amperes, 120/277 Volt, SPST, Switch Assembly	256.24	96.41
26 27 26 00-0146	EA		4 Gang, 20 Amperes, 120/277 Volt, SPST, Switch Assembly	279.94	107.27
26 27 26 00-0147 Switch Components <small>(26 27 26 00-0137)</small>					
26 27 26 00-0148	EA		15 Amperes, 120/277 Volt, SPST Switch.....	29.05	10.87
26 27 26 00-0149	EA		15 Amperes, 120/277 Volt, 3-Way Switch.....	36.80	13.58
26 27 26 00-0150	EA		15 Amperes, 120/277 Volt, 4-Way Switch.....	71.41	21.72
26 27 26 00-0151	EA		15 Amperes, 120/277 Volt, DPST Switch	33.32	10.87
26 27 26 00-0152	EA		15 Amperes, 120/277 Volt, Thermal Switch.....	63.61	13.58
26 27 26 00-0153	EA		20 Amperes, 120/277 Volt, SPST Switch.....	34.99	13.58
26 27 26 00-0154	EA		20 Amperes, 120/277 Volt, 3-Way Switch.....	43.29	16.29
26 27 26 00-0155	EA		20 Amperes, 120/277 Volt, 4-Way Switch.....	96.78	21.72
26 27 26 00-0156	EA		20 Amperes, 120/277 Volt, DPST Switch	41.83	13.58
26 27 26 00-0157	EA		20 Amperes, 120/277 Volt, DPDT Switch	44.85	13.58
26 27 26 00-0158	EA		15 Amperes, 120/277 Volt, Single Pole, Toggle, Three Position, Center Off, Momentary Contact Switch	83.85	13.61
26 27 26 00-0159	EA		15 Amperes, 120/277 Volt, Key Operated, Single Pole, Three Position, Center Off, Momentary Contact Switch	106.26	13.61
26 27 26 00-0160	EA		Momentary Contact Switch With Separate Neon Pilot.....	80.15	16.32
			Note: Neon Pilot is 125 V, 1 / 125W.		
26 27 26 00-0161	EA		20 Amperes, 125 Volt AC, Single Pole, Maintained Contact Switch With Center Off	53.21	19.01
			Note: Or 250 VAC 10 Amp, double throw BAT handle.		
26 27 26 00-0162	EA		20 Amperes, 125 Volt AC, Double Pole, Maintained Contact Switch.....	65.58	21.72
			Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.		
26 27 26 00-0163	EA		20 Amperes, 125 Volt AC, Three Pole, Maintained Contact Switch	96.84	21.72
			Note: Or 250 VAC 10 Amp, with center off double throw BAT handle.		
26 27 26 00-0164	EA		30 Amperes, 120/277 Volt, Single Pole, Local Switch	82.94	21.76
26 27 26 00-0165	EA		30 Amperes, 120/277 Volt, Double Pole, Local Switch.....	103.09	21.76
26 27 26 00-0166	EA		30 Amperes, 120/277 Volt, Three-Way Local Switch	107.07	27.21
26 27 26 00-0167	EA		30 Amperes, 120/277 Volt, Four-Way Local Switch.....	150.82	29.93
26 27 26 00-0168	EA		15 Amperes, 120/277 Volt, Local Switch With Neon Pilot.....	68.70	17.80
26 27 26 00-0169	EA		15 Amperes, 120/277 Volt, Local Switch With Separate Neon Pilot	99.41	17.80
			Note: Neon pilot is 125V, 1/25W. Requires 2 gang installation.		
26 27 26 00-0170	EA		15 Amperes, 120 Volt, Clear Toggle, Lighted In On Position, Single Pole, Lighted Toggle Switch.....	86.17	17.80
26 27 26 00-0171	EA		15 Amperes, 120 Volt, Ivory Toggle, Lighted In Off Position, Lighted Toggle Switch	81.61	17.80
26 27 26 00-0172	EA		6 Amperes, 125 Volt, Door Open-Light On, Automatic Door Switch	93.93	8.82
26 27 26 00-0173	EA		6 Amperes, 125 Volt, Door Closed-Light On, Automatic Door Switch.....	100.10	8.82
26 27 26 00-0174	EA		15 Amperes, 120/277 Volt, Three Position, Center Off, Toggle, Single Pole Momentary Contact Switch	104.20	33.96
26 27 26 00-0175	EA		Three Position, Center Off, Key Operated, Momentary Contact Switch	126.61	33.96
			Note: 15A, 120/277 V, Single Pole		
26 27 26 00-0176	EA		Single Pole, Slide Dimmer (Leviton IP710-LFZ)	153.97	10.89
26 27 26 00-0177	EA		8 Amperes, 120/277 Volt, 0 To 10 Volt Dimmer LED Control Switch, White (Lutron DVSTV-WH)	82.42	10.89
26 27 26 00-0178	EA		120/277 Volt, (8 Amperes Lighting/3 Amperes Fan), Wireless Dimming Switch (Lutron MRF2-8S-DV-WH).....	262.71	10.87
26 27 26 00-0179	EA		120 Volt, Companion Wireless Dimmer Switch (Lutron MA-AS-WH).....	50.18	10.87
26 27 26 00-0180	EA		1200VA 0-10V LED And Fluorescent, Sunrise Electronic Wall Dimmer (Philips SR1200ZTUNV).....	88.04	10.89
26 27 26 00-0181	EA		1 Zone, 2 Button Wireless Scheduling Switch (LG 9SSA2B1T520.ALWB000).....	101.46	10.89
26 27 26 00-0182	EA		2 Zone, 4 Button Wireless Scheduling Switch (LG 9SSA2B2T520.ALWB000).....	130.76	10.89
26 27 26 00-0183	EA		Wireless Single Rocker Remote Switch (Leviton WSS0S-S9).....	158.65	10.89
26 27 26 00-0184 Specialty Switches <small>(26 27 26 00-0136)</small>					
26 27 26 00-0185 Dimmers With SPST Switch <small>(26 27 26 00-0184)</small>					
26 27 26 00-0186	EA		600 Watt Dimmers With SPST Switch	64.73	24.44
26 27 26 00-0187	EA		1,000 Watt Dimmers With SPST Switch	114.20	24.44
26 27 26 00-0188	EA		1,500 Watt Dimmers With SPST Switch	206.41	39.33
26 27 26 00-0189	EA		2,000 Watt Dimmers With SPST Switch	269.53	39.33
26 27 26 00-0190	EA		600 Watt Fluorescent Dimmer Switch.....	148.95	29.00
26 27 26 00-0191	EA		1,000 Watt Fluorescent Dimmer Switch	203.26	29.00
26 27 26 00-0192	EA		1,500 Watt Fluorescent Dimmer Switch	369.30	43.78
26 27 26 00-0193	EA		Remote Speed Switch For Paddle Fan.....	107.30	36.17
26 27 26 00-0194	EA		600 Watt Combination Remote Speed Switch/Incandescent Dimmer	177.89	53.99
26 27 26 00-0195 Time Switches <small>(26 27 26 00-0184)</small>					
26 27 26 00-0196	EA		40 Amperes, 125 Volt, SPST, Standard Time Switch	122.32	32.59
26 27 26 00-0197	EA		40 Amperes, 277 Volt, SPST, Standard Time Switch	125.18	32.59
26 27 26 00-0198	EA		40 Amperes, 125 Volt, DPST, Standard Time Switch	122.32	32.59
26 27 26 00-0199	EA		40 Amperes, 277 Volt, DPST, Standard Time Switch	125.18	32.59
26 27 26 00-0200	EA		40 Amperes, 125 Volt, SPST, 7-Day Time Switch	141.36	32.59
26 27 26 00-0201	EA		40 Amperes, 277 Volt, SPST, 7-Day Time Switch	141.36	32.59
26 27 26 00-0202	EA		40 Amperes, 125 Volt, DPDT, 7-Day Time Switch.....	253.74	32.59
26 27 26 00-0203	EA		40 Amperes, 277 Volt, DPDT, 7-Day Time Switch.....	253.74	32.59
26 27 26 00-0204	EA		20 Amperes, 125 Volt, SPST, Programmable Time Switch	217.68	32.59
26 27 26 00-0205	EA		20 Amperes, 277 Volt, SPST, Programmable Time Switch	239.70	32.59
26 27 26 00-0206	EA		20 Amperes, 277 Volt, SPST, Weatherproof Programmable Time Switch.....	239.70	32.59
26 27 26 00-0207	EA		40 Amperes, 125 Volt, 4PST, Astro Dial Time Switch	291.73	32.59
26 27 26 00-0208	EA		40 Amperes, 277 Volt, 4PST, Astro Dial Time Switch	300.49	32.59
26 27 26 00-0209	EA		40 Amperes, 125 Volt, SPST, Weatherproof Standard Time Switch	122.32	32.59
26 27 26 00-0210	EA		40 Amperes, 277 Volt, SPST, Weatherproof Standard Time Switch	125.18	32.59
26 27 26 00-0211	EA		40 Amperes, 125 Volt, DPST, Weatherproof Standard Time Switch	122.32	32.59
26 27 26 00-0212	EA		40 Amperes, 277 Volt, DPST, Weatherproof Standard Time Switch	125.18	32.59
26 27 26 00-0213	EA		40 Amperes, 125 Volt, SPST, Weatherproof 7-Day Time Switch	141.36	32.59

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0214 EA 40 Amperes, 277 Volt, SPST, Weatherproof 7-Day Time Switch	141.36	32.59
26 27 26 00-0215 EA 40 Amperes, 125 Volt, DPDT, Weatherproof 7-Day Time Switch	253.74	32.59
26 27 26 00-0216 EA 40 Amperes, 277 Volt, DPDT, Weatherproof 7-Day Time Switch	253.74	32.59
26 27 26 00-0217 EA 40 Amperes, 125 Volt, 4PST, Weatherproof Astro Dial Time Switch	291.73	32.59
26 27 26 00-0218 EA 40 Amperes, 277 Volt, 4PST, Weatherproof Astro Dial Time Switch	300.49	32.59
26 27 26 00-0219 EA 30 Amperes, SPST, 120 Volt, 7-Day Time Switch EZ Controls #EZ-701-1	267.47	32.59
26 27 26 00-0220 EA 30 Amperes, DPST, 120 Volt, 7-Day Time Switch EZ Controls #EZ-701-2	299.12	32.59
26 27 26 00-0221 Low Voltage Switching <small>(26 27 26 00-0184)</small>		
26 27 26 00-0222 EA 36 Pin Male Or Female Connector	206.45	10.87
26 27 26 00-0223 Other Switches <small>(26 27 26 00-0184)</small>		
26 27 26 00-0224 EA Pull Chain Switch 120/277 Volt AC Installed In Light Fixture	36.12	16.29
26 27 26 00-0225 EA SPST Locking Switch For Concealed Devices	111.45	43.45
26 27 26 00-0226 EA 3-Way Locking Switch For Concealed Devices	112.99	43.45
26 27 26 00-0227 EA Emergency Off Switch, With 1 Non-Closing Contact, Circular, Red, With Guard	124.78	40.63
26 27 26 00-0228 EA 15 Amperes Momentary Contact Switch	118.54	40.63
26 27 26 00-0229 EA 20 Amperes Momentary Contact Switch	125.11	40.63
26 27 26 00-0230 EA 2-1/4" Handy Box Cover Units Fuseholder Switch	116.27	48.97
26 27 26 00-0231 EA 2-3/4" Handy Box Cover Units Fuseholder Switch	118.10	48.97
26 27 26 00-0232 EA 4" Square Box Cover Units With 2 Fuseholders And 2 Switches	145.36	59.86
26 27 26 00-0233 EA 4" Square Box Cover Units With 1 Fuseholder And 1 Switch	132.19	54.41
26 27 26 00-0234 EA 4" Octagon Box Cover Units With 1 Fuseholder And 1 Switch	132.65	54.41
26 27 26 00-0235 Plates And Covers <small>(26 27 26)</small>		
26 27 26 00-0236 Wall Plates <small>(26 27 26 00-0235)</small>		
26 27 26 00-0237 Nylon Wall Plates <small>(26 27 26 00-0236)</small>		
26 27 26 00-0238 EA 1 Gang Nylon Switch Wall Plates	1.81	0.54
26 27 26 00-0239 EA 2 Gang Nylon Switch Wall Plates	3.11	0.81
26 27 26 00-0240 EA 3 Gang Nylon Switch Wall Plates	4.43	1.08
26 27 26 00-0241 EA 4 Gang Nylon Switch Wall Plate	6.45	1.36
26 27 26 00-0242 EA 1 Gang Duplex Nylon Wall Plate	1.83	0.54
26 27 26 00-0243 EA 2 Gang Duplex Nylon Wall Plate	3.20	0.81
26 27 26 00-0244 Plastic Wall Plates <small>(26 27 26 00-0236)</small>		
26 27 26 00-0245 EA 1 Gang Plastic Switch Wall Plates	1.67	0.54
26 27 26 00-0246 EA 2 Gang Plastic Switch Wall Plates	2.82	0.81
26 27 26 00-0247 EA 3 Gang Plastic Switch Wall Plates	3.97	1.08
26 27 26 00-0248 EA 4 Gang Plastic Switch Wall Plates	6.45	1.36
26 27 26 00-0249 EA 1 Gang Duplex Plastic Wall Plate	1.67	0.54
26 27 26 00-0250 EA 2 Gang Duplex Plastic Wall Plate	2.83	0.81
26 27 26 00-0251 Brass Wall Plates <small>(26 27 26 00-0236)</small>		
26 27 26 00-0252 EA 1 Gang, 0.04" Brass Switch Wall Plates	18.72	2.45
26 27 26 00-0253 EA 2 Gang, 0.04" Brass Switch Wall Plates	35.65	2.83
26 27 26 00-0254 EA 3 Gang, 0.04" Brass Switch Wall Plates	52.49	3.15
26 27 26 00-0255 EA 4 Gang, 0.04" Brass Switch Wall Plates	82.16	3.42
26 27 26 00-0256 EA 5 Gang, 0.04" Brass Switch Wall Plates	100.24	3.65
26 27 26 00-0257 EA 6 Gang, 0.04" Brass Switch Wall Plates	116.15	3.81
26 27 26 00-0258 EA 1 Gang, 0.04" Brass Duplex Receptacle Wall Plate	18.72	2.45
26 27 26 00-0259 EA 2 Gang, 0.04" Brass Duplex Receptacle Wall Plate	41.95	2.83
26 27 26 00-0260 EA 3 Gang 0.04" Brass Duplex Receptacle Wall Plate	60.78	3.15
26 27 26 00-0261 Stainless Steel Wall Plates <small>(26 27 26 00-0236)</small>		
26 27 26 00-0262 EA 1 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	9.64	2.45
26 27 26 00-0263 EA 2 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	15.80	2.83
26 27 26 00-0264 EA 3 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	22.34	3.15
26 27 26 00-0265 EA 4 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	33.18	3.42
26 27 26 00-0266 EA 5 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	39.20	3.65
26 27 26 00-0267 EA 6 Gang, 302 Stainless Steel With Satin Finish Switch Wall Plates	47.62	3.81
26 27 26 00-0268 EA 1 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	10.64	2.45
26 27 26 00-0269 EA 2 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	18.15	2.83
26 27 26 00-0270 EA 3 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	30.13	3.15
26 27 26 00-0271 EA 4 Gang, 302 Stainless Steel With Satin Finish Duplex Receptacle Wall Plate	36.57	3.42
26 27 26 00-0272 Chrome Wall Plates <small>(26 27 26 00-0236)</small>		
26 27 26 00-0273 EA 1 Gang, 0.040" Chrome Switch Wall Plate	38.28	2.45
26 27 26 00-0274 EA 2 Gang 0.040" Chrome Switch Wall Plate	72.30	2.83
26 27 26 00-0275 EA 3 Gang 0.040" Chrome Switch Wall Plate	106.31	3.15
26 27 26 00-0276 EA 1 Gang 0.040" Chrome Duplex Receptacle Wall Plate	38.25	2.45

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 27 Low-Voltage Distribution Equipment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 27 26 00-0277		Weatherproof Covers (26 27 26 00-0235)		
26 27 26 00-0278		Stamped Metallic Weatherproof Covers (26 27 26 00-0277)		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0279	EA	Blank Cover, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FBC)	11.25	0.54
26 27 26 00-0280	EA	Duplex Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FAC)	12.20	0.54
26 27 26 00-0281	EA	Single Receptacle, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FRC)	12.20	0.54
26 27 26 00-0282	EA	Toggle Switch, Single Gang, Stamped Metallic Weatherproof Cover (Killark® 1FTC)	12.20	0.54
26 27 26 00-0283	EA	Blank Cover, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FBC)	14.97	0.81
26 27 26 00-0284	EA	Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FAC)	17.00	0.81
26 27 26 00-0285	EA	Single Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FRC)	17.20	0.81
26 27 26 00-0286	EA	Toggle Switch, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTC)	17.20	0.81
26 27 26 00-0287	EA	Toggle Switch And Duplex Receptacle, Two Gang, Stamped Metallic Weatherproof Cover (Killark® 2FTAC)	23.40	0.81
26 27 26 00-0288	EA	Blank Cover, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FB)	22.15	1.08
26 27 26 00-0289	EA	Toggle Switch, Three Gang, Stamped Metallic Weatherproof Cover (Killark® 3FT)	24.22	1.08
26 27 26 00-0290		Cast Metallic Weatherproof Covers (26 27 26 00-0277)		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0291	EA	Blank Cover, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSBC)	13.79	0.54
26 27 26 00-0292	EA	Duplex Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLA)	44.12	0.54
26 27 26 00-0293	EA	Single Receptacle, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLR)	49.48	0.54
26 27 26 00-0294	EA	Guarded Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSTG)	13.68	0.54
26 27 26 00-0295	EA	Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover With Self Closing Lid (Killark® FCLT)	37.39	0.54
26 27 26 00-0296	EA	Lever Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FSPT)	62.23	0.54
26 27 26 00-0297	EA	Plunger Operated Toggle Switch, Single Gang, Cast Metallic Weatherproof Cover (Killark® FST)	79.24	0.54
26 27 26 00-0298	EA	Blank Cover, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FSBC)	17.20	0.81
26 27 26 00-0299	EA	Plunger Operated Toggle Switch, Two Gang, Cast Metallic Weatherproof Cover (Killark® 2FST)	125.19	0.81
26 27 26 00-0300	EA	Blank Cover, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FSBC)	28.80	1.08
26 27 26 00-0301	EA	Plunger Operated Toggle Switch, Three Gang, Cast Metallic Weatherproof Cover (Killark® 3FST)	119.57	1.08
26 27 26 00-0302		Die Cast Aluminum Weatherproof Covers (26 27 26 00-0277)		
		Note: Includes electrostatically applied powder coating and neoprene gasket.		
26 27 26 00-0303	EA	Duplex Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5027)	5.39	0.54
26 27 26 00-0304	EA	Single Receptacle, Single Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5026)	6.97	0.54
26 27 26 00-0305	EA	Duplex Receptacles, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5032)	9.34	0.81
26 27 26 00-0306	EA	Toggle Switch, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5041)	10.16	0.81
26 27 26 00-0307	EA	Toggle Switch And Duplex Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5042)	10.16	0.81
26 27 26 00-0308	EA	Toggle Switch And Single Receptacle, Two Gang, Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Bell® 5043)	11.35	0.81
26 27 26 00-0309		Heavy Duty Die Cast Aluminum Weatherproof Covers (26 27 26 00-0277)		
		Note: Includes baked on lacquer finish and neoprene gasket.		
26 27 26 00-0310	EA	Duplex Receptacle, Single Gang, Heavy Duty Die Cast Aluminum Weatherproof Cover With Self Closing Lid (Pass & Seymour Legrand® 4510)	56.75	0.54
26 27 26 00-0311		Polycarbonate Weatherproof Covers (26 27 26 00-0277)		
		Note: Includes neoprene gasket.		
26 27 26 00-0312	EA	Toggle Switch, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.29	0.54
26 27 26 00-0313	EA	Duplex Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.29	0.54
26 27 26 00-0314	EA	Single Receptacle, Single Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5730)	11.29	0.54
26 27 26 00-0315	EA	Duplex Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.93	0.81
26 27 26 00-0316	EA	Toggle Switch And Single Receptacle, Two Gang, Polycarbonate Weatherproof Cover With Tinted Lid (Bell® 5775)	13.93	0.81
26 27 26 00-0317		High Impact Thermoplastic Weatherproof Covers (26 27 26 00-0277)		
		Note: Includes neoprene gasket.		
26 27 26 00-0318	EA	Duplex Receptacle, Single Gang, High Impact Thermoplastic Weatherproof Cover With Self Closing Lid (Hubbell® HBL522)	89.91	0.54
26 27 26 00-0319		Non-Metallic (PVC) Weatherproof Covers (26 27 26 00-0277)		
		Note: Includes neoprene gasket.		
26 27 26 00-0320	EA	Blank Cover, Single Gang, Non-Metallic (PVC) Weatherproof Cover	12.80	0.54
26 27 26 00-0321	EA	Blank Cover, Two Gang, Non-Metallic (PVC) Weatherproof Cover	13.70	0.54
26 27 26 00-0322	EA	Toggle Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	12.84	0.54
26 27 26 00-0323	EA	Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	28.47	0.54
26 27 26 00-0324	EA	Duplex Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	33.02	0.54
26 27 26 00-0325	EA	20 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	26.74	0.54
26 27 26 00-0326	EA	30 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	19.89	0.54
26 27 26 00-0327	EA	50 Amperes, Receptacle, Single Gang, Non-Metallic (PVC) Weatherproof Cover	23.30	0.54
26 27 26 00-0328	EA	Plunger Switch, Single Gang, Non-Metallic (PVC) Weatherproof Cover	20.82	0.54
26 27 26 00-0329	EA	Double Duplex Receptacle, Two Gang, Non-Metallic (PVC) Weatherproof Cover	29.98	0.81
26 27 26 00-0330		Removal And Reinstallation Of Wiring Devices (26 27 26)		
		Note: Includes storage and cleaning.		
26 27 26 00-0331	EA	Removal And Reinstallation Of Receptacle, Switch, Outlet Or Special System Device	71.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 27 26 00-0332 EA Removal And Reinstallation Of Receptacle Or Switch Outlet Cover Plate	9.05	
26 27 26 00-0333 Relay Systems <small>(26 27 26)</small>		
26 27 26 00-0334 EA 10 Amperes, 24 Volt Coil, 2 Position Relay	86.26	24.44
26 27 26 00-0335 EA 20 Amperes, 120 Volt Coil, Up To 4 Contacts, Industrial Control Relay	378.89	81.47
26 27 26 00-0336 EA 20 Amperes, 120 Volt Coil, 12 Contacts, Industrial Control Relay	649.47	108.63
26 27 26 00-0337 Limit Switches <small>(26 27 26)</small>		
26 27 26 00-0338 Heavy Duty Precision Oiltight <small>(26 27 26 00-0337)</small>		
26 27 26 00-0339 Lever Arm, Plunger, Wobble Stick Type <small>(26 27 26 00-0338)</small>		
26 27 26 00-0340 EA Limit Switch, Heavy Duty, Lever Arm Weatherproof, 10 Amperes Rated	431.69	68.44
26 27 26 00-0341 In Line Midget Fuseholders <small>(26 27 26)</small>		
<small>See CSI section 26 28 13 00-0078 for fuses.</small>		
26 27 26 00-0342 EA Single Pole Water Resistant In Line Midget Fuseholder	83.88	
26 27 26 00-0343 EA Double Pole Water Resistant In Line Midget Fuseholder	202.19	
26 27 33 Power Distribution Units <small>(26 27)</small>		
<small>Note: Includes wiring connections and testing.</small>		
26 27 33 00-0001 Liebert Precision Power Center <small>(26 27 33)</small>		
<small>Note: With K20 Trans Spike Suppression Modules Lighting/Surge Arrestors. Includes start-up.</small>		
26 27 33 00-0002 EA PDU 15 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC015C)	20,759.55	334.03
26 27 33 00-0003 EA PDU 30 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC030C)	25,079.27	362.06
26 27 33 00-0004 EA PDU 50 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC050C)	28,585.16	401.92
26 27 33 00-0005 EA PDU 75 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC075C)	32,898.45	434.51
26 27 33 00-0006 EA PDU 100 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC100C)	35,876.88	543.14
26 27 33 00-0007 EA PDU 125 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC125C)	40,235.88	651.77
26 27 33 00-0008 EA PDU 150 KVA, 208/480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC150C)	46,422.10	760.40
26 27 33 00-0009 EA PDU 200 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC200C)	48,791.44	869.02
26 27 33 00-0010 EA PDU 225 KVA, 480/600 Input Voltage, 120/208 Output Voltage (Liebert PPC225C)	51,526.21	977.66
26 27 33 00-0011 EA Ex Panelboard 10-30 KVA	1,817.11	108.63
26 27 33 00-0012 EA Ex Panelboard 50-125 KVA	2,724.13	135.78
26 27 33 00-0013 EA Ex Panelboard 150-220 KVA	6,189.28	162.94
26 27 33 00-0014 EA Removal And Reinstallation Of Power Distribution Unit	1,738.06	
<small>Note: Includes disconnection / reconnection of branch circuits, storage and cleaning.</small>		
26 27 33 00-0015 EA Start-Up Liebert Power Distribution Unit Line Item Applies To A Relocation Only	1,303.55	
26 27 73 Door Chimes <small>(26 27)</small>		
26 27 73 00-0001 Door Bell Chime And Door Button With Built-In Viewer <small>(26 27 73)</small>		
<small>Note: Non-electric chime, mounted on door</small>		
26 27 73 00-0002 EA Mechanical Door Bell Chime And Door Button With Built-In Viewer (Newhouse Hardware MCHBV)	81.81	17.15
26 27 73 00-0003 Wireless Door Bell System <small>(26 27 73)</small>		
26 27 73 00-0004 EA Wireless Doorbell Chime And Push Button (Broan LA542WH)	132.89	
<small>Note: Includes 2 push buttons</small>		
26 27 73 00-0005 EA Wireless Doorbell Chime And Push Button (STI-3350G)	124.78	
<small>Note: Includes 2 push buttons</small>		
26 27 73 00-0006 EA Wireless Doorbell Chime And Push Button (GE 19300)	91.62	
<small>Note: Includes 2 push buttons</small>		
26 27 73 00-0007 Door Bell Buzzer System, Wired <small>(26 27 73)</small>		
26 27 73 00-0008 EA Door Bell, Push-Button And Transformer, Complete	606.98	226.28
26 27 73 00-0009 EA Visual Flashing Doorbell Indicator, Wire To Existing System, Complete	253.56	54.31
26 27 73 00-0010 EA Removal And Replacement Of Bell/Buzzer, Complete	101.92	27.16
<small>Note: Includes removal of existing.</small>		
26 28 Low-Voltage Circuit Protective Devices <small>(26 20)</small>		
26 28 13 Fuses <small>(26 28)</small>		
26 28 13 00-0001 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuses <small>(26 28 13)</small>		
26 28 13 00-0002 EA 1 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	25.35	7.82
<small>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</small>		
	5.21	
26 28 13 00-0003 EA 2 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.72	7.82
<small>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</small>		
	5.21	
26 28 13 00-0004 EA 3 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.86	7.82
<small>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</small>		
	5.21	
26 28 13 00-0005 EA 5 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	23.73	7.82
<small>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</small>		
	5.21	
26 28 13 00-0006 EA 6 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse	24.54	7.82
<small>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</small>		
	5.21	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0007	EA		8 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.96 5.21	7.82
26 28 13 00-0008	EA		10 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	22.59 5.21	7.82
26 28 13 00-0009	EA		15 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.52 5.21	7.82
26 28 13 00-0010	EA		20 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.05 5.21	7.82
26 28 13 00-0011	EA		25 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.94 5.21	7.82
26 28 13 00-0012	EA		30 Amperes, 125 Volt AC, Type T Dual Element, Time Delay, Edison Base Plug Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.32 5.21	7.82
26 28 13 00-0013			Class RK1, Time Delay Fuses <small>(26 28 13)</small>		
26 28 13 00-0014			250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses <small>(26 28 13 00-0013)</small>		
26 28 13 00-0015	EA		1 Ampere, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.48 5.21	7.82
26 28 13 00-0016	EA		2 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.69 5.21	7.82
26 28 13 00-0017	EA		3 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.63 5.21	7.82
26 28 13 00-0018	EA		4 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.38 5.21	7.82
26 28 13 00-0019	EA		5 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	37.44 5.21	7.82
26 28 13 00-0020	EA		10 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	36.28 5.21	7.82
26 28 13 00-0021	EA		15 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.20 5.21	7.82
26 28 13 00-0022	EA		20 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.97 5.21	7.82
26 28 13 00-0023	EA		25 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	33.22 5.21	7.82
26 28 13 00-0024	EA		30 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.90 5.21	7.82
26 28 13 00-0025	EA		35 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	46.00 5.21	7.82
26 28 13 00-0026	EA		40 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.07 5.21	7.82
26 28 13 00-0027	EA		45 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.77 5.21	7.82
26 28 13 00-0028	EA		50 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.20 5.21	7.82
26 28 13 00-0029	EA		60 Amperes, 250 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	44.36 5.21	7.82
26 28 13 00-0030			250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuses <small>(26 28 13 00-0013)</small>		
26 28 13 00-0031	EA		70 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.48 6.52	9.77
26 28 13 00-0032	EA		80 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	83.01 6.52	9.77
26 28 13 00-0033	EA		90 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	92.42 6.52	9.77
26 28 13 00-0034	EA		100 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	82.28 6.52	9.77
26 28 13 00-0035	EA		110 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	237.09 6.52	9.77
26 28 13 00-0036	EA		125 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	172.99 6.52	9.77
26 28 13 00-0037	EA		150 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	158.64 7.17	10.76
26 28 13 00-0038	EA		200 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	167.18 7.17	10.76
26 28 13 00-0039	EA		250 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	314.67 7.17	10.76
26 28 13 00-0040	EA		300 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	338.31 8.80	13.25
26 28 13 00-0041	EA		350 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	363.85 8.80	13.25
26 28 13 00-0042	EA		400 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	280.05 8.80	13.25
26 28 13 00-0043	EA		450 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	625.75 8.80	13.25
26 28 13 00-0044	EA		500 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	591.71 10.76	16.19
26 28 13 00-0045	EA		600 Amperes, 250 Volt AC, 200 kAmp I.R., BladeType, Class RK1, Time Delay Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	461.06 10.76	16.19
26 28 13 00-0046			600 Volt AC, 200 kAmp I.R., Ferrule Type, Class RK1, Time Delay Fuses <small>(26 28 13 00-0013)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0088	EA		25 Amperes, 600 Volt AC, Class CC Midget Fuse.....	44.12	7.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.21	
26 28 13 00-0089	EA		30 Amperes, 600 Volt AC, Class CC Midget Fuse.....	45.90	7.82
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	5.21	
26 28 13 00-0090			200,000 Ampere Interrupting Capacity, 600 Volt AC, Class J Bolted Fuse^(26 13)		
26 28 13 00-0091	EA		1 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	61.34	5.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.26	
26 28 13 00-0092	EA		3 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	61.83	5.43
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.26	
26 28 13 00-0093	EA		6 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	53.00	6.52
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3.91	
26 28 13 00-0094	EA		10 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	52.39	8.15
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 28 13 00-0095	EA		15 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	53.55	8.15
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 28 13 00-0096	EA		20 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	52.52	8.15
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4.89	
26 28 13 00-0097	EA		25 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	66.79	10.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.52	
26 28 13 00-0098	EA		30 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	55.21	10.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.52	
26 28 13 00-0099	EA		35 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	98.43	10.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.52	
26 28 13 00-0100	EA		40 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	83.54	10.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.52	
26 28 13 00-0101	EA		45 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	96.15	10.87
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6.52	
26 28 13 00-0102	EA		50 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	84.47	13.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.15	
26 28 13 00-0103	EA		60 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	82.86	13.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.15	
26 28 13 00-0104	EA		70 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	129.76	16.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 28 13 00-0105	EA		80 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	138.60	16.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 28 13 00-0106	EA		90 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	136.34	16.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 28 13 00-0107	EA		100 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	118.34	19.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.41	
26 28 13 00-0108	EA		110 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	283.17	19.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.41	
26 28 13 00-0109	EA		125 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	239.98	19.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.41	
26 28 13 00-0110	EA		150 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	227.97	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 13 00-0111	EA		175 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	231.41	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 13 00-0112	EA		200 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	191.23	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 13 00-0113	EA		225 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	491.73	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 13 00-0114	EA		250 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	454.23	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 13 00-0115	EA		300 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	418.14	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 13 00-0116	EA		350 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	456.55	21.72
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 13 00-0117	EA		400 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	375.35	24.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 28 13 00-0118	EA		450 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	803.88	24.44
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	14.67	
26 28 13 00-0119	EA		500 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	680.76	27.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 13 00-0120	EA		600 Amperes, 600 Volt AC, 200 kAmp I.R., Class J Bolted Fuse.....	504.71	27.16
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 13 00-0121			600 Volt AC, 200 kAmp I.R., Class L Bolted Fuses^(26 28 13)		
26 28 13 00-0122	EA		100 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,545.99	13.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.15	
26 28 13 00-0123	EA		150 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,549.05	13.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.15	
26 28 13 00-0124	EA		200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,551.90	13.58
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	8.15	
26 28 13 00-0125	EA		250 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,546.38	16.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 28 13 00-0126	EA		300 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,423.94	16.29
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	9.78	
26 28 13 00-0127	EA		350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,523.34	19.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.41	
26 28 13 00-0128	EA		400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse.....	1,401.79	19.01
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 13 00-0129 EA 450 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,568.24 11.41	19.01
26 28 13 00-0130 EA 500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,537.58 11.41	19.01
26 28 13 00-0131 EA 600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,366.70 13.04	21.72
26 28 13 00-0132 EA 601 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,403.59 13.04	21.72
26 28 13 00-0133 EA 650 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,867.28 13.04	21.72
26 28 13 00-0134 EA 700 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,360.01 13.04	21.72
26 28 13 00-0135 EA 750 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,089.87 14.66	24.44
26 28 13 00-0136 EA 800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,202.04 14.66	24.44
26 28 13 00-0137 EA 900 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,757.16 14.66	24.44
26 28 13 00-0138 EA 1,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,181.75 14.66	24.44
26 28 13 00-0139 EA 1,200 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,217.04 14.66	24.44
26 28 13 00-0140 EA 1,350 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,710.35 14.66	24.44
26 28 13 00-0141 EA 1,400 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,672.22 14.66	24.44
26 28 13 00-0142 EA 1,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,410.57 14.66	24.44
26 28 13 00-0143 EA 1,600 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	1,504.17 16.29	27.16
26 28 13 00-0144 EA 1,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,192.61 16.29	27.16
26 28 13 00-0145 EA 2,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,042.36 16.29	27.16
26 28 13 00-0146 EA 2,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	2,762.44 16.29	27.16
26 28 13 00-0147 EA 2,501 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,708.87 16.29	27.16
26 28 13 00-0148 EA 3,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	3,079.60 17.93	29.87
26 28 13 00-0149 EA 3,500 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,373.39 17.93	29.87
26 28 13 00-0150 EA 3,800 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	7,396.05 17.93	29.87
26 28 13 00-0151 EA 4,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	4,274.80 17.93	29.87
26 28 13 00-0152 EA 5,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	6,748.89 17.93	29.87
26 28 13 00-0153 EA 6,000 Amperes, 600 Volt AC, 200 kAmp I.R., Class L Bolted Fuse..... <i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	11,175.02 17.93	29.87

26 28 16 Enclosed Switches and Circuit Breakers (26 28)

26 28 16 13 Enclosed Circuit Breakers (26 28 16 13)

26 28 16 13-0001 Branch Circuit Breakers (26 28 16 13)

Note: For installation in existing and new panelboards. Use task modifier for installation in new panelboards.

26 28 16 13-0002 Branch Circuit Breakers 10,000 Amperes Interrupting Capacity, Plug-On (26 28 16 13-0001)

Note: Includes connection of electrical wire.

26 28 16 13-0003 EA 1 Pole, 120/240 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Bolt-On, Add</i> <i>For Installation In New Panelboard, Deduct</i> Note: Also for use with new interiors in panelboards.	53.61 14.31 -10.86	19.55
26 28 16 13-0004 EA 1 Pole, 120/240 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Bolt-On, Add</i> <i>For Installation In New Panelboard, Deduct</i> Note: Also for use with new interiors in panelboards.	53.61 14.31 -10.86	19.55
26 28 16 13-0005 EA 1 Pole, 120/240 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Bolt-On, Add</i> <i>For Installation In New Panelboard, Deduct</i> Note: Also for use with new interiors in panelboards.	77.76 19.22 -13.58	24.44
26 28 16 13-0006 EA 1 Pole GFI, 15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Bolt-On, Add</i> <i>For Installation In New Panelboard, Deduct</i> Note: Also for use with new interiors in panelboards.	118.07 24.26 -13.58	24.44
26 28 16 13-0007 EA 1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Bolt-On, Add</i> <i>For Installation In New Panelboard, Deduct</i> Note: Also for use with new interiors in panelboards.	164.17 30.03 -13.58	24.44
26 28 16 13-0007 EA 1 Pole GFI, 35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity..... <i>For Bolt-On, Add</i> <i>For Installation In New Panelboard, Deduct</i> Note: Also for use with new interiors in panelboards.	164.17 30.03 -13.58	24.44

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0008	EA	1 Pole	GFI, 15 To 30 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	190.45	24.44
			<i>For Bolt-On, Add</i>	33.31	
			<i>For Installation In New Panelboard, Deduct</i>	-13.58	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 16 13-0009	EA	1 Pole	GFI, 15 To 20 Amperes, 120/240 Volt, "Arc Fault" Circuit Breaker, 10,000 Amperes Interrupting Capacity	92.67	24.44
			<i>For Bolt-On, Add</i>	21.09	
			<i>For Installation In New Panelboard, Deduct</i>	-13.58	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 16 13-0010	EA	2 Pole	15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	88.63	29.33
			<i>For Bolt-On, Add</i>	22.49	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0011	EA	2 Pole	35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	88.63	29.33
			<i>For Bolt-On, Add</i>	22.49	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0012	EA	2 Pole	70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	133.80	39.11
			<i>For Bolt-On, Add</i>	31.93	
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0013	EA	2 Pole	110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	221.98	48.88
			<i>For Bolt-On, Add</i>	46.76	
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0014	EA	2 Pole	150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	261.75	54.31
			<i>For Bolt-On, Add</i>	53.63	
			<i>For Installation In New Panelboard, Deduct</i>	-29.87	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.85	
26 28 16 13-0015	EA	2 Pole	GFI, 15 To 50 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	222.21	34.77
			<i>For Bolt-On, Add</i>	41.46	
			<i>For Installation In New Panelboard, Deduct</i>	-19.55	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.46	
26 28 16 13-0016	EA	2 Pole	GFI, 15 To 50 Amperes, 120/240 Volt, UL Listed 30mA Equipment Protection Circuit Breaker, 10,000 Amperes Interrupting Capacity	297.61	34.77
			<i>For Bolt-On, Add</i>	50.89	
			<i>For Installation In New Panelboard, Deduct</i>	-19.55	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	23.46	
26 28 16 13-0017	EA	3 Pole	15 To 30 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	168.97	39.11
			<i>For Bolt-On, Add</i>	36.33	
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0018	EA	3 Pole	35 To 60 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	168.97	39.11
			<i>For Bolt-On, Add</i>	36.33	
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0019	EA	3 Pole	70 To 100 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	221.54	48.88
			<i>For Bolt-On, Add</i>	46.70	
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0020	EA	3 Pole	110 To 125 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	335.47	58.65
			<i>For Bolt-On, Add</i>	64.75	
			<i>For Installation In New Panelboard, Deduct</i>	-32.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.11	
26 28 16 13-0021	EA	3 Pole	150 Amperes, 120/240 Volt, Branch Circuit Breaker, 10,000 Amperes Interrupting Capacity	428.15	68.44
			<i>For Bolt-On, Add</i>	80.13	
			<i>For Installation In New Panelboard, Deduct</i>	-38.02	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	45.62	
26 28 16 13-0022			Branch Circuit Breakers 14,000 Amperes Interrupting Capacity, Plug-On ^(26 28 16 13-0001)		
			<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0023	EA	1 Pole	277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	77.50	19.55
			<i>For Bolt-On, Add</i>	17.29	
			<i>For Installation In New Panelboard, Deduct</i>	-10.86	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 16 13-0024	EA	1 Pole	277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	77.50	19.55
			<i>For Bolt-On, Add</i>	17.29	
			<i>For Installation In New Panelboard, Deduct</i>	-10.86	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0025 EA 1 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	138.82	24.44
For Bolt-On, Add	26.86	
For Installation In New Panelboard, Deduct	-13.58	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.29	
26 28 16 13-0026 EA 1 Pole GFI, 277/480 Volt, 15 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	216.32	24.44
For Bolt-On, Add	36.54	
For Installation In New Panelboard, Deduct	-13.58	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.29	
26 28 16 13-0027 EA 2 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	151.51	29.33
For Bolt-On, Add	30.35	
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0028 EA 2 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	151.51	29.33
For Bolt-On, Add	30.35	
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0029 EA 2 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	299.01	39.11
For Bolt-On, Add	52.58	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0030 EA 2 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	407.52	48.88
For Bolt-On, Add	69.95	
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 28 16 13-0031 EA 2 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	599.45	54.31
For Bolt-On, Add	95.84	
For Installation In New Panelboard, Deduct	-29.87	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.85	
26 28 16 13-0032 EA 3 Pole, 277/480 Volt, 15 To 30 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	241.93	39.11
For Bolt-On, Add	45.45	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0033 EA 3 Pole, 277/480 Volt, 35 To 60 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	241.93	39.11
For Bolt-On, Add	45.45	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0034 EA 3 Pole, 277/480 Volt, 70 To 100 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	362.15	48.88
For Bolt-On, Add	64.28	
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 28 16 13-0035 EA 3 Pole, 277/480 Volt, 110 To 125 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	515.59	58.65
For Bolt-On, Add	87.26	
For Installation In New Panelboard, Deduct	-32.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.11	
26 28 16 13-0036 EA 3 Pole, 277/480 Volt, 150 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	799.13	68.44
For Bolt-On, Add	126.51	
For Installation In New Panelboard, Deduct	-38.02	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	45.62	
26 28 16 13-0037 EA 3 Pole, 277/480 Volt, 175 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	922.39	73.32
For Bolt-On, Add	143.81	
For Installation In New Panelboard, Deduct	-40.74	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	48.88	
26 28 16 13-0038 EA 3 Pole, 277/480 Volt, 200 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	990.97	78.21
For Bolt-On, Add	154.29	
For Installation In New Panelboard, Deduct	-43.45	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	52.14	
26 28 16 13-0039 EA 3 Pole, 277/480 Volt, 225 Amperes, Branch Circuit Breaker, 14,000 Amperes Interrupting Capacity	1,172.96	83.10
For Bolt-On, Add	178.94	
For Installation In New Panelboard, Deduct	-46.17	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	55.40	
26 28 16 13-0040 Branch Circuit Breakers 18,000 Amperes Interrupting Capacity, Plug-On <small>(26 28 16 13-0001)</small>		
Note: Includes connection of electrical wire.		
26 28 16 13-0041 EA 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	93.19	19.55
For Bolt-On, Add	19.25	
For Installation In New Panelboard, Deduct	-10.86	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0042	EA		35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	93.19	19.55
			<i>For Bolt-On, Add</i>	19.25	
			<i>For Installation In New Panelboard, Deduct</i>	-10.86	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 16 13-0043	EA		70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	154.32	24.44
			<i>For Bolt-On, Add</i>	28.79	
			<i>For Installation In New Panelboard, Deduct</i>	-13.58	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 16 13-0044	EA		15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	192.42	29.33
			<i>For Bolt-On, Add</i>	35.46	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0045	EA		35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	192.42	29.33
			<i>For Bolt-On, Add</i>	35.46	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0046	EA		70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	338.24	39.11
			<i>For Bolt-On, Add</i>	57.49	
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0047	EA		110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	869.98	48.88
			<i>For Bolt-On, Add</i>	127.76	
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0048	EA		15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	309.44	39.11
			<i>For Bolt-On, Add</i>	53.89	
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0049	EA		35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	309.44	39.11
			<i>For Bolt-On, Add</i>	53.89	
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0050	EA		70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	411.29	48.88
			<i>For Bolt-On, Add</i>	70.42	
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0051	EA		110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 18,000 Amperes Interrupting Capacity	1,077.07	58.65
			<i>For Bolt-On, Add</i>	157.45	
			<i>For Installation In New Panelboard, Deduct</i>	-32.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.11	
26 28 16 13-0052			Branch Circuit Breakers 22,000 Amperes Interrupting Capacity, Plug-On ^(26 28 16 13-0001)		
			<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0053	EA		15 To 30 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	106.52	19.55
			<i>For Bolt-On, Add</i>	20.92	
			<i>For Installation In New Panelboard, Deduct</i>	-10.86	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 16 13-0054	EA		35 To 60 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	106.52	19.55
			<i>For Bolt-On, Add</i>	20.92	
			<i>For Installation In New Panelboard, Deduct</i>	-10.86	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 16 13-0055	EA		70 To 100 Amperes, 1 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	125.48	24.44
			<i>For Bolt-On, Add</i>	25.19	
			<i>For Installation In New Panelboard, Deduct</i>	-13.58	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 16 13-0056	EA		15 To 30 Amperes, 1 Pole GFI, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	214.54	24.44
			<i>For Bolt-On, Add</i>	36.32	
			<i>For Installation In New Panelboard, Deduct</i>	-13.58	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 16 13-0057	EA		15 To 30 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	227.19	29.33
			<i>For Bolt-On, Add</i>	39.81	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0058	EA		35 To 60 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	227.19	29.33
			<i>For Bolt-On, Add</i>	39.81	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0059 EA 70 To 100 Amperes, 2 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	275.24	39.11
For Bolt-On, Add	49.61	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0060 EA 110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	397.36	48.88
For Bolt-On, Add	68.68	
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 28 16 13-0061 EA 150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	514.69	54.31
For Bolt-On, Add	85.25	
For Installation In New Panelboard, Deduct	-29.87	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	35.85	
26 28 16 13-0062 EA 250 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	642.89	63.55
For Bolt-On, Add	105.07	
For Installation In New Panelboard, Deduct	-35.31	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	42.37	
26 28 16 13-0063 EA 300 To 400 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	693.25	73.32
For Bolt-On, Add	115.17	
For Installation In New Panelboard, Deduct	-40.74	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	48.88	
26 28 16 13-0064 EA 15 To 30 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	275.82	39.11
For Bolt-On, Add	49.69	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0065 EA 35 To 60 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	275.82	39.11
For Bolt-On, Add	49.69	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0066 EA 70 To 100 Amperes, 3 Pole, 120/240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	323.30	48.88
For Bolt-On, Add	59.42	
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 28 16 13-0067 EA 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	492.57	58.65
For Bolt-On, Add	84.38	
For Installation In New Panelboard, Deduct	-32.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.11	
26 28 16 13-0068 EA 150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	646.60	76.04
For Bolt-On, Add	110.29	
For Installation In New Panelboard, Deduct	-42.10	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.51	
26 28 16 13-0069 EA 250 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity	799.32	87.99
For Bolt-On, Add	134.13	
For Installation In New Panelboard, Deduct	-48.88	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	58.66	
26 28 16 13-0070 EA 300 To 400 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 22,000 Amperes Interrupting Capacity.....	850.12	93.42
For Bolt-On, Add	142.39	
For Installation In New Panelboard, Deduct	-51.60	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	61.92	
26 28 16 13-0071 Branch Circuit Breakers 25,000 Amperes Interrupting Capacity, Plug-On ^{(26 28}		
^{16 13-0001)}		
Note: Includes connection of electrical wire.		
26 28 16 13-0072 EA 15 To 30 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	235.88	29.33
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	40.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0073 EA 35 To 60 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	235.88	29.33
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	40.89	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0074 EA 70 To 100 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity.....	359.22	39.11
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	60.11	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0075 EA 110 To 125 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity.....	585.04	48.88
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	92.14	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0076	EA		150 To 225 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	912.89	60.83
			<i>For Installation In New Panelboard, Deduct</i>	-33.95	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	137.87	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.73	
26 28 16 13-0077	EA		250 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,035.39	63.55
			<i>For Installation In New Panelboard, Deduct</i>	-35.31	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	154.14	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.37	
26 28 16 13-0078	EA		300 To 400 Amperes, 2 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,130.94	73.32
			<i>For Installation In New Panelboard, Deduct</i>	-40.74	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	169.88	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	48.88	
26 28 16 13-0079	EA		15 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	339.30	39.11
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	57.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0080	EA		35 To 60 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	339.30	39.11
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	57.62	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0081	EA		70 To 100 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	427.45	48.88
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	72.44	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0082	EA		110 To 125 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	728.01	58.65
			<i>For Installation In New Panelboard, Deduct</i>	-32.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	113.81	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.11	
26 28 16 13-0083	EA		150 To 225 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,065.05	76.04
			<i>For Installation In New Panelboard, Deduct</i>	-42.10	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	162.60	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.51	
26 28 16 13-0084	EA		250 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,258.21	87.99
			<i>For Installation In New Panelboard, Deduct</i>	-48.88	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	191.49	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	58.66	
26 28 16 13-0085	EA		300 To 400 Amperes, 3 Pole, 240/480 Volt, Branch Circuit Breaker, 25,000 Amperes Interrupting Capacity	1,361.52	93.42
			<i>For Installation In New Panelboard, Deduct</i>	-51.60	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	206.31	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	61.92	
26 28 16 13-0086			Branch Circuit Breakers 30,000 Amperes Interrupting Capacity, Plug-On ^(26 28 16 13-0001)		
			<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0087	EA		2 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	244.51	29.33
			<i>For Bolt-On, Add</i>	41.97	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0088	EA		2 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	244.51	29.33
			<i>For Bolt-On, Add</i>	41.97	
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0089	EA		2 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	438.93	39.11
			<i>For Bolt-On, Add</i>	70.07	
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0090	EA		2 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	806.04	48.88
			<i>For Bolt-On, Add</i>	119.77	
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0091	EA		2 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,278.20	60.83
			<i>For Bolt-On, Add</i>	183.54	
			<i>For Installation In New Panelboard, Deduct</i>	-33.95	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	40.73	
26 28 16 13-0092	EA		2 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,455.54	63.55
			<i>For Bolt-On, Add</i>	206.66	
			<i>For Installation In New Panelboard, Deduct</i>	-35.31	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	42.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0093 EA 2 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,584.33	73.32
For Bolt-On, Add	226.56	
For Installation In New Panelboard, Deduct	-40.74	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	48.88	
26 28 16 13-0094 EA 3 Pole, 240/480 Volt, 15-30 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	399.07	39.11
For Bolt-On, Add	65.09	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0095 EA 3 Pole, 240/480 Volt, 35-60 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	399.07	39.11
For Bolt-On, Add	65.09	
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0096 EA 3 Pole, 240/480 Volt, 70-100 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	531.06	48.88
For Bolt-On, Add	85.39	
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 28 16 13-0097 EA 3 Pole, 240/480 Volt, 110-125 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	980.53	58.65
For Bolt-On, Add	145.38	
For Installation In New Panelboard, Deduct	-32.59	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.11	
26 28 16 13-0098 EA 3 Pole, 240/480 Volt, 150-225 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,238.64	76.04
For Bolt-On, Add	184.30	
For Installation In New Panelboard, Deduct	-42.10	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.51	
26 28 16 13-0099 EA 3 Pole, 240/480 Volt, 250 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	1,979.58	87.99
For Bolt-On, Add	281.67	
For Installation In New Panelboard, Deduct	-48.88	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	58.66	
26 28 16 13-0100 EA 3 Pole, 240/480 Volt, 300-400 Amperes, Branch Circuit Breaker, 30,000 Amperes Interrupting Capacity	2,108.42	93.42
For Bolt-On, Add	299.67	
For Installation In New Panelboard, Deduct	-51.60	
Note: Also for use with new interiors in panelboards.		
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	61.92	
26 28 16 13-0101 Branch Circuit Breakers 35,000 Amperes Interrupting Capacity, Plug-On (26 28		
<small>16 13-0001)</small>		
Note: Includes connection of electrical wire.		
26 28 16 13-0102 EA 1 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	128.28	19.55
For Installation In New Panelboard, Deduct	-10.86	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	23.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 28 16 13-0103 EA 1 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	128.28	19.55
For Installation In New Panelboard, Deduct	-10.86	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	23.64	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 28 16 13-0104 EA 1 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	222.92	24.44
For Installation In New Panelboard, Deduct	-13.58	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	37.37	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	16.29	
26 28 16 13-0105 EA 2 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	279.87	29.33
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	46.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0106 EA 2 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	279.87	29.33
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	46.39	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0107 EA 2 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	512.08	39.11
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	79.22	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0108 EA 2 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	952.16	48.88
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	138.03	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 28 16 13-0109 EA 2 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,855.37	60.83
For Installation In New Panelboard, Deduct	-33.95	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	255.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.73	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0110	EA		3 Pole, 480 Volt, 15-30 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	462.86	39.11
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	73.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0111	EA		3 Pole, 480 Volt, 35-60 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	462.86	39.11
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	73.07	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0112	EA		3 Pole, 480 Volt, 70-100 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	619.69	48.88
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	96.47	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0113	EA		3 Pole, 480 Volt, 110-125 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	1,173.14	58.65
			<i>For Installation In New Panelboard, Deduct</i>	-32.59	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	169.45	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.11	
26 28 16 13-0114	EA		3 Pole, 480 Volt, 150-225 Amperes, Branch Circuit Breaker, 35,000 Amperes Interrupting Capacity	2,306.87	76.04
			<i>For Installation In New Panelboard, Deduct</i>	-42.10	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	317.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.51	
26 28 16 13-0115			Branch Circuit Breakers 42,000 Amperes Interrupting Capacity, Plug-On ^{(26 28}		
			^{16 13-0001)}		
			<i>Note: Includes connection of electrical wire.</i>		
26 28 16 13-0116	EA		15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	189.57	19.55
			<i>For Installation In New Panelboard, Deduct</i>	-10.86	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	31.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 16 13-0117	EA		35 To 60 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	189.57	19.55
			<i>For Installation In New Panelboard, Deduct</i>	-10.86	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	31.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	13.04	
26 28 16 13-0118	EA		70 To 100 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	288.11	24.44
			<i>For Installation In New Panelboard, Deduct</i>	-13.58	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	45.52	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	16.29	
26 28 16 13-0119	EA		15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	350.79	29.33
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	55.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0120	EA		35 To 60 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	350.79	29.33
			<i>For Installation In New Panelboard, Deduct</i>	-16.30	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	55.26	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	19.55	
26 28 16 13-0121	EA		70 To 100 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	664.75	39.11
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	98.30	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0122	EA		110 To 125 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	1,211.20	48.88
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	170.41	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	
26 28 16 13-0123	EA		150 To 225 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	2,424.26	54.31
			<i>For Installation In New Panelboard, Deduct</i>	-29.87	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	323.94	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	35.85	
26 28 16 13-0124	EA		15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	604.98	39.11
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	90.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0125	EA		35 To 60 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	604.98	39.11
			<i>For Installation In New Panelboard, Deduct</i>	-21.73	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	90.83	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	26.07	
26 28 16 13-0126	EA		70 To 100 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity	839.25	48.88
			<i>For Installation In New Panelboard, Deduct</i>	-27.16	
			<i>Note: Also for use with new interiors in panelboards.</i>		
			<i>For Bolt-On, Add</i>	123.92	
			<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	32.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0127 EA 110 To 125 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	1,365.76	58.65
For Installation In New Panelboard, Deduct	-32.59	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	193.53	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	39.11	
26 28 16 13-0128 EA 150 To 225 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 42,000 Amperes Interrupting Capacity.....	3,057.65	76.04
For Installation In New Panelboard, Deduct	-42.10	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	411.67	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	50.51	
26 28 16 13-0129 Branch Circuit Breakers 65,000 Amperes Interrupting Capacity, Plug-On <small>(26 28)</small>		
<small>16 13-0001</small>		
Note: Includes connection of electrical wire.		
26 28 16 13-0130 EA 15 To 30 Amperes, 1 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	83.77	19.55
For Installation In New Panelboard, Deduct	-10.86	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	18.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 28 16 13-0131 EA 15 To 30 Amperes, 2 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	178.81	29.33
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	33.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0132 EA 15 To 30 Amperes, 3 Pole, 240 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	284.83	39.11
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	50.81	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0133 EA 15 To 30 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	179.07	19.55
For Installation In New Panelboard, Deduct	-10.86	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	29.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 28 16 13-0134 EA 35 To 60 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	179.07	19.55
For Installation In New Panelboard, Deduct	-10.86	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	29.99	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	13.04	
26 28 16 13-0135 EA 70 To 100 Amperes, 1 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	356.57	39.11
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	59.78	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0136 EA 15 To 30 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	409.20	29.33
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	62.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0137 EA 35 To 60 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	409.20	29.33
For Installation In New Panelboard, Deduct	-16.30	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	62.56	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	19.55	
26 28 16 13-0138 EA 70 To 100 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	796.41	39.11
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	114.76	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0139 EA 110 To 125 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	1,357.33	48.88
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	188.68	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	
26 28 16 13-0140 EA 150 To 225 Amperes, 2 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	3,002.63	60.83
For Installation In New Panelboard, Deduct	-33.95	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	399.09	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	40.73	
26 28 16 13-0141 EA 15 To 30 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	688.55	39.11
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	101.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0142 EA 35 To 60 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	688.55	39.11
For Installation In New Panelboard, Deduct	-21.73	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	101.28	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	26.07	
26 28 16 13-0143 EA 70 To 100 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity.....	960.57	48.88
For Installation In New Panelboard, Deduct	-27.16	
Note: Also for use with new interiors in panelboards.		
For Bolt-On, Add	139.08	
For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add	32.59	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 13-0144	EA	110 To 125 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity <i>For Installation In New Panelboard, Deduct</i> <i>Note: Also for use with new interiors in panelboards.</i> <i>For Bolt-On, Add</i>	1,472.03 -32.59 206.82	58.65
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	39.11	
26 28 16 13-0145	EA	150 To 225 Amperes, 3 Pole, 480 Volt, Branch Circuit Breaker, 65,000 Amperes Interrupting Capacity <i>For Installation In New Panelboard, Deduct</i> <i>Note: Also for use with new interiors in panelboards.</i> <i>For Bolt-On, Add</i>	3,733.75 -42.10 496.19	76.04
		<i>For Personal Protective Equipment (Arc Flash) When Working On Energized Equipment, Add</i>	50.51	
26 28 16 16 Enclosed Switches (26 28 16)				
26 28 16 16-0001		Motor And Circuit Disconnects (26 28 16 16) <i>Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the disconnect.</i>		
26 28 16 16-0002		NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0001)		
26 28 16 16-0003		Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0002) <i>Note: Includes fuses and neutral bar.</i>		
26 28 16 16-0004		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0003)		
26 28 16 16-0005	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	562.53	108.63
26 28 16 16-0006	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	952.39	130.89
26 28 16 16-0007	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,355.08	153.17
26 28 16 16-0008	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,372.05	241.15
26 28 16 16-0009	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,282.07	374.76
26 28 16 16-0010	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,943.56	554.01
26 28 16 16-0011	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,378.88	651.77
26 28 16 16-0012	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	16,816.32	760.40
26 28 16 16-0013		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0003)		
26 28 16 16-0014	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	932.59	120.69
26 28 16 16-0015	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,125.60	145.45
26 28 16 16-0016	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,895.07	170.00
26 28 16 16-0017	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,772.67	268.31
26 28 16 16-0018	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,339.68	416.27
26 28 16 16-0019	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,941.19	615.27
26 28 16 16-0020	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	15,019.56	723.80
26 28 16 16-0021	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	20,766.44	844.91
26 28 16 16-0022		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0003)		
26 28 16 16-0023	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	772.40	170.55
26 28 16 16-0024	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,181.63	226.49
26 28 16 16-0025	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,682.20	251.47
26 28 16 16-0026	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,668.19	393.78
26 28 16 16-0027	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,834.96	646.34
26 28 16 16-0028	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,741.28	905.42
26 28 16 16-0029		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches (26 28 16 16-0003)		
26 28 16 16-0030	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,068.37	188.47

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0031	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,337.75	251.47
26 28 16 16-0032	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,120.96	282.98
26 28 16 16-0033	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,098.10	431.25
26 28 16 16-0034	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	7,351.09	696.31
26 28 16 16-0035	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	12,025.61	1,005.90
26 28 16 16-0036	EA		800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	19,828.65	1,194.92
26 28 16 16-0037	EA		1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	25,637.51	1,357.86
26 28 16 16-0038			240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0039	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	739.24	170.55
26 28 16 16-0040	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,138.78	226.49
26 28 16 16-0041	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,604.24	251.47
26 28 16 16-0042	EA		200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,775.41	393.78
26 28 16 16-0043	EA		400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	6,439.22	646.34
26 28 16 16-0044	EA		600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	10,650.34	905.42
26 28 16 16-0045	EA		800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	18,240.11	1,140.60
26 28 16 16-0046	EA		1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	22,662.08	1,303.55
26 28 16 16-0047			600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0003)</small>		
26 28 16 16-0048	EA		30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,190.04	188.47
26 28 16 16-0049	EA		60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,487.28	251.47
26 28 16 16-0050	EA		100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,339.59	282.98
26 28 16 16-0051	EA		200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	3,425.38	431.25
26 28 16 16-0052	EA		400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,049.35	696.31
26 28 16 16-0053	EA		600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	13,258.82	1,005.90
26 28 16 16-0054	EA		800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	21,876.08	1,194.92
26 28 16 16-0055	EA		1,200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	27,849.16	1,357.86
26 28 16 16-0056			Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		
26 28 16 16-0057			240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0058	EA		30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	541.55	157.19
26 28 16 16-0059	EA		60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	871.19	218.67
26 28 16 16-0060	EA		100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,259.37	251.47
26 28 16 16-0061	EA		200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,963.72	402.36
26 28 16 16-0062	EA		400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,128.67	670.56
26 28 16 16-0063	EA		600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,965.32	914.44
26 28 16 16-0064	EA		800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	10,204.24	1,086.29
26 28 16 16-0065	EA		1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	13,670.53	1,267.81
26 28 16 16-0066			600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0067	EA		30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	598.37	173.48

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0068	EA		60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	989.57	245.40
26 28 16 16-0069	EA		100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,429.10	279.39
26 28 16 16-0070	EA		200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,214.56	437.34
26 28 16 16-0071	EA		400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,443.48	718.47
26 28 16 16-0072	EA		600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,706.10	1,005.79
26 28 16 16-0073	EA		800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	11,455.81	1,086.29
26 28 16 16-0074	EA		1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	15,384.51	1,267.81
26 28 16 16-0075			240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0076	EA		30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	607.18	141.22
26 28 16 16-0077	EA		60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	962.48	196.61
26 28 16 16-0078	EA		100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,364.35	226.49
26 28 16 16-0079	EA		200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,132.55	362.27
26 28 16 16-0080	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,474.02	603.43
26 28 16 16-0081	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,464.64	822.86
26 28 16 16-0082	EA		800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	13,583.39	977.66
26 28 16 16-0083	EA		1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	17,924.18	1,140.60
26 28 16 16-0084			480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0085	EA		30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	659.47	155.88
26 28 16 16-0086	EA		60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,051.09	221.06
26 28 16 16-0087	EA		100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,479.76	251.47
26 28 16 16-0088	EA		200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,296.12	393.78
26 28 16 16-0089	EA		400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,793.56	646.34
26 28 16 16-0090	EA		600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	8,044.86	905.42
26 28 16 16-0091	EA		800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	14,412.56	977.66
26 28 16 16-0092			600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0093	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	721.21	156.09
26 28 16 16-0094	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,156.38	220.84
26 28 16 16-0095	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,650.99	251.47
26 28 16 16-0096	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,559.86	393.56
26 28 16 16-0097	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	5,162.49	646.55
26 28 16 16-0098	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	9,136.71	905.20
26 28 16 16-0099	EA		800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	15,657.87	977.66
26 28 16 16-0100	EA		1,200 Amperes, 600 Volt Class, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	20,716.78	1,140.60
26 28 16 16-0101			240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0102	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,200.18	141.44
26 28 16 16-0103	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,407.23	196.84
26 28 16 16-0104	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,281.64	226.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0105 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,387.10	362.06
26 28 16 16-0106 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0107 EA 30 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,294.99	155.88
26 28 16 16-0108 EA 60 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,527.66	221.06
26 28 16 16-0109 EA 100 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,462.60	251.47
26 28 16 16-0110 EA 200 Amperes, 480 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,640.31	393.78
26 28 16 16-0111 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0056)</small>		
26 28 16 16-0112 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,466.83	156.09
26 28 16 16-0113 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,717.20	220.84
26 28 16 16-0114 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	2,803.45	251.47
26 28 16 16-0115 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,136.84	393.56
26 28 16 16-0116 General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		
<small>Note: Includes fuses and neutral bar.</small>		
26 28 16 16-0117 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
26 28 16 16-0118 EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	358.92	94.50
26 28 16 16-0119 EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	513.94	113.73
26 28 16 16-0120 EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	859.78	132.96
26 28 16 16-0121 EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,651.40	209.76
26 28 16 16-0122 EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,213.65	325.34
26 28 16 16-0123 EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,089.08	481.55
26 28 16 16-0124 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
26 28 16 16-0125 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	466.36	148.50
26 28 16 16-0126 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	679.48	196.84
26 28 16 16-0127 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,031.16	218.67
26 28 16 16-0128 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,918.41	342.28
26 28 16 16-0129 EA 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	4,691.92	562.26
26 28 16 16-0130 EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	8,709.12	787.12
26 28 16 16-0131 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0116)</small>		
26 28 16 16-0132 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	546.53	148.50
26 28 16 16-0133 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	808.75	196.84
26 28 16 16-0134 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	1,148.79	218.67
26 28 16 16-0135 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	2,214.76	342.28
26 28 16 16-0136 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	5,198.47	562.26
26 28 16 16-0137 EA 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch	9,030.22	787.12
26 28 16 16-0138 General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0002)</small>		

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 28 16 16-0139		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0138)</small>			
26 28 16 16-0140	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	486.54		131.44
26 28 16 16-0141	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	686.76		151.10
26 28 16 16-0142	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,715.61		241.49
26 28 16 16-0143	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	3,870.41		401.92
26 28 16 16-0144	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	6,944.16		547.70
26 28 16 16-0145		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0138)</small>			
26 28 16 16-0146	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	461.55		122.96
26 28 16 16-0147	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	628.14		171.09
26 28 16 16-0148	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,059.99		196.84
26 28 16 16-0149	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	1,863.63		314.92
26 28 16 16-0150	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	4,117.91		524.89
26 28 16 16-0151	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Safety Switch.....	7,283.37		715.42
26 28 16 16-0152		NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0001)</small>			
26 28 16 16-0153		Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>			
		Note: With fuses, neutral bar, and hub if required.			
26 28 16 16-0154		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>			
26 28 16 16-0155	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	878.64		127.63
26 28 16 16-0156	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,479.86		153.17
26 28 16 16-0157	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,871.44		178.15
26 28 16 16-0158	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,721.56		271.57
26 28 16 16-0159	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,286.24		434.51
26 28 16 16-0160	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	11,316.92		579.53
26 28 16 16-0161	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	17,324.71		651.77
26 28 16 16-0162	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	23,127.33		760.40
26 28 16 16-0163		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>			
26 28 16 16-0164	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,593.69		170.11
26 28 16 16-0165	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,887.93		208.56
26 28 16 16-0166	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,772.74		239.53
26 28 16 16-0167	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,870.72		359.24
26 28 16 16-0168	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	8,742.44		587.79
26 28 16 16-0169	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	16,526.06		808.30
26 28 16 16-0170	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	24,721.49		930.73
26 28 16 16-0171	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	27,196.14		1,047.72
26 28 16 16-0172		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0153)</small>			
26 28 16 16-0173	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,057.76		200.97

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0174	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,766.32	266.14
26 28 16 16-0175	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,176.40	292.21
26 28 16 16-0176	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,194.79	452.44
26 28 16 16-0177	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,278.53	754.42
26 28 16 16-0178	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,557.08	1,005.90
26 28 16 16-0179		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ⁽²⁶⁾		
		<small>28 16 16-0153</small>		
26 28 16 16-0180	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,733.70	238.22
26 28 16 16-0181	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,055.72	291.99
26 28 16 16-0182	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,843.94	335.23
26 28 16 16-0183	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,105.14	502.95
26 28 16 16-0184	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,033.57	822.97
26 28 16 16-0185	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	16,901.96	1,131.58
26 28 16 16-0186	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	24,417.95	1,303.55
26 28 16 16-0187	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	29,383.37	1,466.49
26 28 16 16-0188		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ⁽²⁶⁾		
		<small>28 16 16-0153</small>		
26 28 16 16-0189	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,193.72	200.97
26 28 16 16-0190	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,770.26	266.14
26 28 16 16-0191	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,367.57	292.21
26 28 16 16-0192	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,322.29	452.44
26 28 16 16-0193	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	7,395.49	754.42
26 28 16 16-0194	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	13,843.60	1,005.90
26 28 16 16-0195	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	23,993.43	1,140.60
26 28 16 16-0196	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	30,102.75	1,303.55
26 28 16 16-0197		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ⁽²⁶⁾		
		<small>28 16 16-0153</small>		
26 28 16 16-0198	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,811.71	238.44
26 28 16 16-0199	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,143.42	292.21
26 28 16 16-0200	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	3,038.86	335.12
26 28 16 16-0201	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	4,231.85	502.95
26 28 16 16-0202	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	9,491.64	822.86
26 28 16 16-0203	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	17,428.25	1,131.37
26 28 16 16-0204	EA	800 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	26,075.19	1,303.55
26 28 16 16-0205	EA	1,200 Amperes, 600 Volt Class, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	31,567.83	1,466.49
26 28 16 16-0206		Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 16-0152)		
26 28 16 16-0207		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches ^(26 28 16 16-0206)		
26 28 16 16-0208	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	849.73	111.78
26 28 16 16-0209	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,433.41	154.79

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0210	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,927.69	177.50
26 28 16 16-0211	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,479.93	287.43
26 28 16 16-0212	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	5,787.15	479.48
26 28 16 16-0213	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	10,943.15	639.28
26 28 16 16-0214	EA	800 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	18,049.91	760.73
26 28 16 16-0215	EA	1,200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	24,051.98	869.35
26 28 16 16-0216		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0217	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	961.13	123.18
26 28 16 16-0218	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,629.28	172.40
26 28 16 16-0219	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,186.22	194.66
26 28 16 16-0220	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,780.87	301.77
26 28 16 16-0221	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,636.25	502.95
26 28 16 16-0222	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,847.58	670.56
26 28 16 16-0223	EA	800 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,273.62	796.90
26 28 16 16-0224	EA	1,200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	25,677.33	905.20
26 28 16 16-0225		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0226	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	961.50	167.61
26 28 16 16-0227	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,588.15	232.14
26 28 16 16-0228	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,105.18	266.25
26 28 16 16-0229	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,767.30	431.14
26 28 16 16-0230	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,364.53	719.12
26 28 16 16-0231	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	11,774.19	958.64
26 28 16 16-0232	EA	800 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	19,024.79	1,140.60
26 28 16 16-0233	EA	1,200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	25,529.99	1,303.55
26 28 16 16-0234		480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0235	EA	30 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,040.43	184.67
26 28 16 16-0236	EA	60 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,721.49	258.65
26 28 16 16-0237	EA	100 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,269.04	291.99
26 28 16 16-0238	EA	200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,946.49	452.66
26 28 16 16-0239	EA	400 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	6,786.71	754.32
26 28 16 16-0240	EA	600 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,571.98	1,005.79
26 28 16 16-0241	EA	800 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,329.19	1,194.92
26 28 16 16-0242	EA	1,200 Amperes, 480 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	27,274.19	1,357.86
26 28 16 16-0243		600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0206)</small>		
26 28 16 16-0244	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	420.21	184.67
26 28 16 16-0245	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	1,801.71	258.65
26 28 16 16-0246	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	2,380.89	291.99

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0247	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	3,082.61	452.66
26 28 16 16-0248	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	7,139.16	754.32
26 28 16 16-0249	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	12,518.12	1,005.79
26 28 16 16-0250	EA	800 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	20,299.02	1,194.92
26 28 16 16-0251	EA	1,200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	27,233.13	1,357.86
26 28 16 16-0252		General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
		Note: With fuses, neutral bar, and hub if required.		
26 28 16 16-0253		240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0254	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	482.86	111.01
26 28 16 16-0255	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	720.32	133.18
26 28 16 16-0256	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	980.64	154.90
26 28 16 16-0257	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,146.53	236.16
26 28 16 16-0258	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,581.26	377.81
26 28 16 16-0259	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 1 Blade And Fuseholder, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,168.64	504.03
26 28 16 16-0260		240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0261	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	611.69	175.00
26 28 16 16-0262	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	917.88	231.49
26 28 16 16-0263	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,178.40	253.98
26 28 16 16-0264	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,463.08	393.56
26 28 16 16-0265	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,141.77	655.90
26 28 16 16-0266	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 2 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,923.52	874.90
26 28 16 16-0267		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0252)</small>		
26 28 16 16-0268	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	724.14	174.89
26 28 16 16-0269	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,030.28	231.49
26 28 16 16-0270	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,541.00	253.98
26 28 16 16-0271	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,697.41	393.56
26 28 16 16-0272	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	6,292.29	656.01
26 28 16 16-0273	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	12,100.34	874.90
26 28 16 16-0274	EA	800 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, General Duty Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	17,721.67	991.12
26 28 16 16-0275		General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0152)</small>		
26 28 16 16-0276		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0275)</small>		
26 28 16 16-0277	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	440.69	97.22
26 28 16 16-0278	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch	761.81	134.59
26 28 16 16-0279	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	779.35	154.36
26 28 16 16-0280	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,174.98	249.85
26 28 16 16-0281	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	5,661.44	416.92

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0282	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	10,277.60	555.85
26 28 16 16-0283		240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switches <small>(26 28 16 16-0275)</small>		
26 28 16 16-0284	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	700.45	145.78
26 28 16 16-0285	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,021.55	201.83
26 28 16 16-0286	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	1,602.00	231.49
26 28 16 16-0287	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, General Duty Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Bolt-On Hubs, Safety Switch.....	2,791.23	374.87
26 28 16 16-0288		NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0289		Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small> Note: With fuses and neutral bar (stainless steel).		
26 28 16 16-0290		240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0291	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,715.58	108.63
26 28 16 16-0292	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	3,261.45	130.89
26 28 16 16-0293	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	6,843.18	152.95
26 28 16 16-0294	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	9,415.45	241.38
26 28 16 16-0295	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	19,334.41	374.55
26 28 16 16-0296	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	27,766.26	553.79
26 28 16 16-0297		600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0298	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	3,474.64	120.69
26 28 16 16-0299	EA	60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	3,845.40	145.35
26 28 16 16-0300	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	7,391.32	169.90
26 28 16 16-0301	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	10,399.27	268.31
26 28 16 16-0302	EA	400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	20,033.23	416.48
26 28 16 16-0303	EA	600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	28,694.84	615.27
26 28 16 16-0304		240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0305	EA	30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	2,970.62	170.76
26 28 16 16-0306	EA	60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	3,703.00	226.28
26 28 16 16-0307	EA	100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	7,363.64	251.47
26 28 16 16-0308	EA	200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	10,407.61	393.56
26 28 16 16-0309	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	20,493.39	646.55
26 28 16 16-0310	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	29,274.83	905.20
26 28 16 16-0311		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0312	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	3,620.50	188.58
26 28 16 16-0313	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	4,068.63	251.47
26 28 16 16-0314	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	7,639.19	282.87
26 28 16 16-0315	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	10,755.45	431.03
26 28 16 16-0316	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	21,116.97	696.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0317 EA 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	30,023.71	1,005.79
26 28 16 16-0318 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0319 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,606.33	170.76
26 28 16 16-0320 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,497.71	226.28
26 28 16 16-0321 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,953.84	251.47
26 28 16 16-0322 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,582.14	393.56
26 28 16 16-0323 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	24,773.13	646.55
26 28 16 16-0324 EA 600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	35,156.23	905.20
26 28 16 16-0325 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0289)</small>		
26 28 16 16-0326 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,371.67	188.58
26 28 16 16-0327 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,920.43	251.47
26 28 16 16-0328 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,262.38	282.87
26 28 16 16-0329 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	12,948.15	431.03
26 28 16 16-0330 EA 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	25,454.46	696.31
26 28 16 16-0331 EA 600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	35,985.30	1,005.79
26 28 16 16-0332 Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0288)</small>		
26 28 16 16-0333 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0334 EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,598.27	108.63
26 28 16 16-0335 EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,131.38	151.10
26 28 16 16-0336 EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,077.06	173.81
26 28 16 16-0337 EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	8,371.44	277.65
26 28 16 16-0338 EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,311.94	462.32
26 28 16 16-0339 EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	21,983.75	629.82
26 28 16 16-0340 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0341 EA 30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,960.88	119.82
26 28 16 16-0342 EA 60 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,572.07	169.46
26 28 16 16-0343 EA 100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,934.15	193.15
26 28 16 16-0344 EA 200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,536.29	301.77
26 28 16 16-0345 EA 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	17,435.92	496.64
26 28 16 16-0346 EA 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	25,075.26	695.22
26 28 16 16-0347 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0332)</small>		
26 28 16 16-0348 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	2,663.90	141.44
26 28 16 16-0349 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,177.67	196.84
26 28 16 16-0350 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,281.71	226.28
26 28 16 16-0351 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	6,453.61	362.06

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0352	EA		400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,023.07	603.54
26 28 16 16-0353	EA		600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	23,052.46	822.97
26 28 16 16-0354			600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0332)		
26 28 16 16-0355	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,033.30	156.09
26 28 16 16-0356	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,674.82	220.84
26 28 16 16-0357	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	7,050.81	251.47
26 28 16 16-0358	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,719.82	393.56
26 28 16 16-0359	EA		400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	19,636.33	646.55
26 28 16 16-0360	EA		600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	26,275.13	905.20
26 28 16 16-0361			240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0332)		
26 28 16 16-0362	EA		30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	3,750.70	141.44
26 28 16 16-0363	EA		60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,452.42	196.84
26 28 16 16-0364	EA		100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,376.97	226.28
26 28 16 16-0365	EA		200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	15,802.12	362.06
26 28 16 16-0366			600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0332)		
26 28 16 16-0367	EA		30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,275.36	156.09
26 28 16 16-0368	EA		60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,080.25	220.84
26 28 16 16-0369	EA		100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	11,845.02	251.47
26 28 16 16-0370	EA		200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Stainless Steel Non-Fusible, NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	18,019.08	393.56
26 28 16 16-0371			Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0288)		
26 28 16 16-0372			600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0371)		
26 28 16 16-0373	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,960.28	188.47
26 28 16 16-0374	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,593.82	251.47
26 28 16 16-0375	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	10,334.07	282.98
26 28 16 16-0376	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,347.29	431.25
26 28 16 16-0377			600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0371)		
26 28 16 16-0378	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	4,678.85	155.88
26 28 16 16-0379	EA		60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,294.66	221.06
26 28 16 16-0380	EA		100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	9,795.54	251.47
26 28 16 16-0381	EA		200 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Fiberglass Reinforced Polyester NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	13,229.46	393.78
26 28 16 16-0382			Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0288)		
26 28 16 16-0383			600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches ^(26 28 16 16-0382)		
26 28 16 16-0384	EA		30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch	5,716.64	188.47

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0385 EA 60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	6,440.16	251.47
26 28 16 16-0386 EA 100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	11,934.62	282.98
26 28 16 16-0387 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0382)</small>		
26 28 16 16-0388 EA 30 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	5,394.49	155.88
26 28 16 16-0389 EA 60 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	6,096.00	221.06
26 28 16 16-0390 EA 100 Amperes, 600 Volt Class, 3 Phase, 3 Pole, Non-Fusible, Krydon NEMA 4, 4X Or 5 Enclosure, Neutral Kit, Safety Switch.....	11,331.81	251.47
26 28 16 16-0391 NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>		
<small>Note: Class 1, groups C and D, division 1 or 2, NEMA 7; Class 2, groups E, F and G, division 1 or 2, NEMA 9; or Class 3, division 1 Or 2, NEMA 9, hazardous locations as defined in NEC article 500.</small>		
26 28 16 16-0392 Heavy Duty Fusible, NEMA 7 Or 9 Enclosures, Neutral Kit, Safety Switches <small>(26 28 16 16-0391)</small>		
<small>Note: With fuses and neutral bar.</small>		
26 28 16 16-0393 EA 30 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	4,408.70	217.26
26 28 16 16-0394 EA 60 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	4,956.29	258.65
26 28 16 16-0395 EA 100 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	5,487.85	291.99
26 28 16 16-0396 EA 200 Amperes, 240 Volt, 3 Phase, Heavy Duty Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	11,921.41	452.66
26 28 16 16-0397 Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0391)</small>		
26 28 16 16-0398 EA 60 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	3,275.74	258.65
26 28 16 16-0399 EA 100 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	3,851.18	291.99
26 28 16 16-0400 EA 200 Amperes, 240 Volt, 3 Phase, Heavy Duty Non-Fusible, NEMA 7 Or 9 Enclosure, Neutral Kit, Safety Switch.....	7,219.23	452.66
26 28 16 16-0401 NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0402 Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0401)</small>		
<small>Note: With fuses and neutral bar.</small>		
26 28 16 16-0403 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0404 EA 30 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	877.08	108.63
26 28 16 16-0405 EA 60 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,163.52	130.89
26 28 16 16-0406 EA 100 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,630.00	153.17
26 28 16 16-0407 EA 200 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,776.78	241.15
26 28 16 16-0408 EA 400 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,158.32	374.76
26 28 16 16-0409 EA 600 Amperes, 240 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	11,321.62	554.01
26 28 16 16-0410 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0411 EA 30 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,459.69	120.58
26 28 16 16-0412 EA 60 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,470.41	145.56
26 28 16 16-0413 EA 100 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,183.33	170.00
26 28 16 16-0414 EA 200 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,411.84	268.31
26 28 16 16-0415 EA 400 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	7,723.64	416.05
26 28 16 16-0416 EA 600 Amperes, 600 Volt Class, 1 Phase, 2 Pole, 2 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	15,625.54	615.38
26 28 16 16-0417 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0418 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,186.16	170.55
26 28 16 16-0419 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,660.11	226.49
26 28 16 16-0420 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,361.41	251.47
26 28 16 16-0421 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	3,477.02	393.78

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0422	EA	400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,033.73	646.34
26 28 16 16-0423	EA	600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	11,511.98	905.42
26 28 16 16-0424		600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0425	EA	30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,644.22	188.47
26 28 16 16-0426	EA	60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,799.16	251.47
26 28 16 16-0427	EA	100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,797.66	282.98
26 28 16 16-0428	EA	200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,039.42	431.25
26 28 16 16-0429	EA	400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,809.57	696.31
26 28 16 16-0430	EA	600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	17,079.36	1,005.90
26 28 16 16-0431		240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0432	EA	30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,287.01	170.55
26 28 16 16-0433	EA	60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,729.40	226.49
26 28 16 16-0434	EA	100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,578.87	251.47
26 28 16 16-0435	EA	200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,750.04	393.78
26 28 16 16-0436	EA	400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	7,764.73	646.34
26 28 16 16-0437	EA	600 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	12,005.83	905.42
26 28 16 16-0438		600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0402)</small>		
26 28 16 16-0439	EA	30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,761.14	188.47
26 28 16 16-0440	EA	60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,111.05	251.47
26 28 16 16-0441	EA	100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	3,012.11	282.98
26 28 16 16-0442	EA	200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	4,448.75	431.25
26 28 16 16-0443	EA	400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	9,472.30	696.31
26 28 16 16-0444	EA	600 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 3 Blades And Fuseholders, Heavy Duty Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	17,625.14	1,005.90
26 28 16 16-0445		Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0401)</small>		
26 28 16 16-0446		240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0447	EA	30 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	926.16	156.97
26 28 16 16-0448	EA	60 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,216.34	218.89
26 28 16 16-0449	EA	100 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,657.36	251.47
26 28 16 16-0450	EA	200 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,313.86	402.47
26 28 16 16-0451	EA	400 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	5,337.38	670.78
26 28 16 16-0452	EA	600 Amperes, 240 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	8,623.33	914.66
26 28 16 16-0453		600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0454	EA	30 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,034.36	173.27
26 28 16 16-0455	EA	60 Amperes, Non-Fused, NEMA 12, Heavy Duty Disconnect Switch, 600 Volt, 1 Phase	1,349.47	245.51
26 28 16 16-0456	EA	100 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	1,848.21	279.18
26 28 16 16-0457	EA	200 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch	2,513.88	437.23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0458 EA 400 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	5,639.55	718.58
26 28 16 16-0459 EA 600 Amperes, 600 Volt Class, 1 Phase, 2 Wire, 2 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	9,528.65	1,005.90
26 28 16 16-0460 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0461 EA 30 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,190.17	141.22
26 28 16 16-0462 EA 60 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,547.50	196.61
26 28 16 16-0463 EA 100 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,121.83	226.49
26 28 16 16-0464 EA 200 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,961.55	362.27
26 28 16 16-0465 EA 400 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,511.92	603.43
26 28 16 16-0466 EA 600 Amperes, 240 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	10,498.44	822.86
26 28 16 16-0467 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0468 EA 30 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,134.75	155.88
26 28 16 16-0469 EA 60 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,659.87	221.06
26 28 16 16-0470 EA 100 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,257.24	251.47
26 28 16 16-0471 EA 200 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,863.12	393.78
26 28 16 16-0472 EA 400 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	6,468.48	646.34
26 28 16 16-0473 EA 600 Amperes, 600 Volt Class, 3 Phase, 3 Wire, 3 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	12,628.85	905.42
26 28 16 16-0474 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0475 EA 30 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,478.69	141.22
26 28 16 16-0476 EA 60 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,711.57	196.61
26 28 16 16-0477 EA 100 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,794.02	226.49
26 28 16 16-0478 EA 200 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,425.05	362.27
26 28 16 16-0479 EA 400 Amperes, 240 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	8,336.02	461.67
26 28 16 16-0480 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switches <small>(26 28 16 16-0445)</small>		
26 28 16 16-0481 EA 30 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,520.70	155.88
26 28 16 16-0482 EA 60 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	1,854.80	221.06
26 28 16 16-0483 EA 100 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	2,968.72	251.47
26 28 16 16-0484 EA 200 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	4,510.22	393.78
26 28 16 16-0485 EA 400 Amperes, 600 Volt Class, 3 Phase, 4 Wire, 4 Blades, Heavy Duty Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Safety Switch.....	8,667.69	608.32
26 28 16 16-0486 Double Throw Safety Switches <small>(26 28 16 16-0001)</small>		
26 28 16 16-0487 NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0486)</small>		
26 28 16 16-0488 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>		
26 28 16 16-0489 EA 30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,095.38	139.58
26 28 16 16-0490 EA 60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,658.06	182.50
26 28 16 16-0491 EA 100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,354.90	238.44
26 28 16 16-0492 EA 200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,153.41	310.13
26 28 16 16-0493 EA 400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	8,207.64	387.81
26 28 16 16-0494 EA 600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,072.13	621.89
26 28 16 16-0495 EA 800 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	17,030.78	869.02
26 28 16 16-0496 EA 1,000 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,602.98	977.66
26 28 16 16-0497 EA 1,200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	30,277.04	1,086.29

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 28 16 16-0498		240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>			
26 28 16 16-0499	EA	30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,350.11		195.53
26 28 16 16-0500	EA	60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,913.97		255.28
26 28 16 16-0501	EA	100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,965.63		334.03
26 28 16 16-0502	EA	200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,448.23		434.51
26 28 16 16-0503	EA	400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,295.80		543.14
26 28 16 16-0504	EA	600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,574.95		869.02
26 28 16 16-0505	EA	800 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,301.18		977.66
26 28 16 16-0506	EA	1,000 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	26,695.17		1,086.29
26 28 16 16-0507	EA	1,200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	31,804.64		1,194.92
26 28 16 16-0508		240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>			
26 28 16 16-0509	EA	30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,819.58		244.41
26 28 16 16-0510	EA	60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,708.01		319.37
26 28 16 16-0511	EA	100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,054.69		417.13
26 28 16 16-0512	EA	200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	6,972.28		542.06
26 28 16 16-0513	EA	400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	14,741.12		678.92
26 28 16 16-0514	EA	600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,268.92		1,087.91
26 28 16 16-0515	EA	800 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	23,425.01		1,194.92
26 28 16 16-0516	EA	1,000 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	31,728.35		1,249.23
26 28 16 16-0517	EA	1,200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	35,751.59		1,303.55
26 28 16 16-0518		600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>			
26 28 16 16-0519	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	1,961.88		182.50
26 28 16 16-0520	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,010.46		238.44
26 28 16 16-0521	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,506.14		310.13
26 28 16 16-0522	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,198.71		387.81
26 28 16 16-0523	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,470.81		621.89
26 28 16 16-0524	EA	800 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	18,560.12		869.02
26 28 16 16-0525	EA	1,000 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	27,967.74		977.66
26 28 16 16-0526	EA	1,200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	33,087.49		1,086.29
26 28 16 16-0527		600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>			
26 28 16 16-0528	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,107.24		255.28
26 28 16 16-0529	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	3,200.93		334.03
26 28 16 16-0530	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	4,753.93		434.51
26 28 16 16-0531	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	11,509.19		543.14
26 28 16 16-0532	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	16,967.19		869.02
26 28 16 16-0533	EA	800 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,935.77		977.66
26 28 16 16-0534	EA	1,000 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	27,862.90		1,086.29
26 28 16 16-0535	EA	1,200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	34,746.13		1,194.92
26 28 16 16-0536		600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0487)</small>			
26 28 16 16-0537	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	2,897.75		319.37
26 28 16 16-0538	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	5,330.80		417.13
26 28 16 16-0539	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	7,539.28		542.06
26 28 16 16-0540	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	15,952.95		678.92
26 28 16 16-0541	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	19,629.07		1,087.91
26 28 16 16-0542	EA	800 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	25,528.53		1,194.92
26 28 16 16-0543	EA	1,000 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	34,651.35		1,249.23
26 28 16 16-0544	EA	1,200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 1 Enclosure, Neutral Kit, Double Throw Safety Switch	39,066.03		1,303.55
26 28 16 16-0545		NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0486)</small>			
26 28 16 16-0546		240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0545)</small>			
26 28 16 16-0547	EA	100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	3,044.02		238.44
26 28 16 16-0548	EA	200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	7,383.18		310.13
26 28 16 16-0549	EA	400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch	25,246.70		387.81

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 28 16 16-0550	EA		600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...43,561.64	43,561.64	621.89
26 28 16 16-0551			240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0545)</small>		
26 28 16 16-0552	EA		100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,953.83	333.49
26 28 16 16-0553	EA		200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,561.41	433.97
26 28 16 16-0554	EA		400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...25,787.76	25,787.76	543.14
26 28 16 16-0555	EA		600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...27,549.43	27,549.43	870.66
26 28 16 16-0556			240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0545)</small>		
26 28 16 16-0557	EA		30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	3,941.34	244.52
26 28 16 16-0558	EA		60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,860.13	319.15
26 28 16 16-0559	EA		100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,868.62	417.03
26 28 16 16-0560	EA		200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...10,033.33	10,033.33	542.28
26 28 16 16-0561	EA		400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...17,449.42	17,449.42	678.92
26 28 16 16-0562	EA		600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...19,855.99	19,855.99	1,088.02
26 28 16 16-0563			600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0545)</small>		
26 28 16 16-0564	EA		60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,615.27	182.50
26 28 16 16-0565	EA		100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,047.33	238.44
26 28 16 16-0566	EA		200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	7,577.70	310.13
26 28 16 16-0567	EA		400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...14,934.72	14,934.72	387.81
26 28 16 16-0568	EA		600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...19,781.05	19,781.05	621.89
26 28 16 16-0569			600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0545)</small>		
26 28 16 16-0570	EA		60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	2,879.84	255.28
26 28 16 16-0571	EA		100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,426.12	333.49
26 28 16 16-0572	EA		200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	8,191.59	433.97
26 28 16 16-0573	EA		400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...15,990.47	15,990.47	543.14
26 28 16 16-0574	EA		600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...21,251.92	21,251.92	870.66
26 28 16 16-0575			600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0545)</small>		
26 28 16 16-0576	EA		60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	4,904.19	319.15
26 28 16 16-0577	EA		100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch.....	6,888.82	417.03
26 28 16 16-0578	EA		200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...10,313.96	10,313.96	542.28
26 28 16 16-0579	EA		400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...17,416.29	17,416.29	678.92
26 28 16 16-0580	EA		600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 3R Enclosure, Neutral Kit, Double Throw Safety Switch...20,038.63	20,038.63	1,088.02
26 28 16 16-0581			NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0486)</small>		
26 28 16 16-0582			240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0581)</small>		
26 28 16 16-0583	EA		30 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,249.41	139.69
26 28 16 16-0584	EA		60 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,639.93	182.39
26 28 16 16-0585	EA		100 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,064.39	238.33
26 28 16 16-0586	EA		200 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,617.07	309.91
26 28 16 16-0587	EA		400 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	10,819.99	387.92
26 28 16 16-0588	EA		600 Amperes, 240 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	15,776.09	621.68
26 28 16 16-0589			240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0581)</small>		
26 28 16 16-0590	EA		30 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	3,674.42	195.53
26 28 16 16-0591	EA		60 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,305.77	255.28
26 28 16 16-0592	EA		100 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,057.56	333.49
26 28 16 16-0593	EA		200 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	7,104.57	433.97
26 28 16 16-0594	EA		400 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	13,369.51	543.14
26 28 16 16-0595	EA		600 Amperes, 240 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...17,407.29	17,407.29	870.66
26 28 16 16-0596			240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0581)</small>		
26 28 16 16-0597	EA		30 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,571.43	244.52
26 28 16 16-0598	EA		60 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,462.55	319.15
26 28 16 16-0599	EA		100 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	8,895.16	417.03
26 28 16 16-0600	EA		200 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,122.10	542.28
26 28 16 16-0601	EA		400 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...22,994.57	22,994.57	678.92
26 28 16 16-0602	EA		600 Amperes, 240 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...28,158.37	28,158.37	1,088.02

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 28 Low-Voltage Circuit Protective Devices**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 28 16 16-0603		600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0581)</small>			
26 28 16 16-0604	EA	60 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	4,900.84		182.39
26 28 16 16-0605	EA	100 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,074.45		238.33
26 28 16 16-0606	EA	200 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,861.27		309.91
26 28 16 16-0607	EA	400 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	14,331.38		387.92
26 28 16 16-0608	EA	600 Amperes, 600 Volt Class, 2 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	19,070.20		621.68
26 28 16 16-0609		600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0581)</small>			
26 28 16 16-0610	EA	60 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,285.40		255.28
26 28 16 16-0611	EA	100 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	5,507.13		333.49
26 28 16 16-0612	EA	200 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	10,594.99		433.97
26 28 16 16-0613	EA	400 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	15,354.80		543.14
26 28 16 16-0614	EA	600 Amperes, 600 Volt Class, 3 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	20,502.89		870.66
26 28 16 16-0615		600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switches <small>(26 28 16 16-0581)</small>			
26 28 16 16-0616	EA	60 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	6,534.38		319.15
26 28 16 16-0617	EA	100 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	9,425.05		417.03
26 28 16 16-0618	EA	200 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch	12,434.42		542.28
26 28 16 16-0619	EA	400 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	23,666.84		678.92
26 28 16 16-0620	EA	600 Amperes, 600 Volt Class, 4 Pole, Non-Fusible, NEMA 12 Enclosure, Neutral Kit, Double Throw Safety Switch ...	29,049.45		1,088.02
26 28 16 16-0621		Removal And Reinstallation Of Disconnect Switches <small>(26 28 16 16-0001)</small>			
		Note: Includes storage and cleaning.			
26 28 16 16-0622	EA	Removal And Reinstallation Of Up To 100 Amperes Safety Disconnect Switch	543.14		
26 28 16 16-0623	EA	Removal And Reinstallation Of >100 To 200 Amperes Safety Disconnect Switch	706.11		
26 28 16 16-0624	EA	Removal And Reinstallation Of >200 To 300 Amperes Safety Disconnect Switch	787.62		
26 28 16 16-0625	EA	Removal And Reinstallation Of >300 To 400 Amperes Safety Disconnect Switch	923.40		
26 28 16 16-0626		Bolted Contact Switches <small>(26 28 16 16)</small>			
		Note: Work includes mounting, material handling, uploading at job site and termination of all conductors entering and leaving the switch.			
26 28 16 16-0627		Electrical Trip, Bolted Contact Switches <small>(26 28 16 16-0626)</small>			
26 28 16 16-0628		Top Feed, Electrical Trip, Bolted Contact Switches <small>(26 28 16 16-0627)</small>			
26 28 16 16-0629	EA	800 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833T120480)	9,662.33		1,086.29
26 28 16 16-0630	EA	1,200 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233T120480)	10,418.18		1,303.55
26 28 16 16-0631	EA	1,600 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633T120480)	11,303.82		1,520.80
26 28 16 16-0632	EA	2,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033T120480)	11,892.82		1,738.06
26 28 16 16-0633	EA	2,500 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533T120480)	13,433.50		1,955.31
26 28 16 16-0634	EA	3,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033T120480)	16,939.31		2,172.57
26 28 16 16-0635	EA	4,000 Amperes, Top Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033T120480)	22,937.46		2,607.08
26 28 16 16-0636		Bottom Feed, Electrical Trip, Bolted Contact Switches <small>(26 28 16 16-0627)</small>			
26 28 16 16-0637	EA	800 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB0833B120480)	10,261.76		1,086.29
26 28 16 16-0638	EA	1,200 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1233B120480)	11,135.02		1,303.55
26 28 16 16-0639	EA	1,600 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB1633B120480)	12,014.48		1,520.80
26 28 16 16-0640	EA	2,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2033B120480)	12,912.47		1,738.06
26 28 16 16-0641	EA	2,500 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB2533B120480)	14,533.48		1,955.31
26 28 16 16-0642	EA	3,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB3033B120480)	19,003.32		2,172.57
26 28 16 16-0643	EA	4,000 Amperes, Bottom Feed, Electrical Trip, Bolted Contact Switch (Eaton CB4033B120480)	25,087.99		2,607.08
26 28 16 16-0644		Manually Operated, Bolted Contact Switches <small>(26 28 16 16-0626)</small>			
26 28 16 16-0645		Top Feed, Manually Operated, Bolted Contact Switches <small>(26 28 16 16-0644)</small>			
26 28 16 16-0646	EA	800 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833T480)	6,967.99		1,086.29
26 28 16 16-0647	EA	1,200 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233T480)	7,755.98		1,303.55
26 28 16 16-0648	EA	1,600 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633T480)	8,594.65		1,520.80
26 28 16 16-0649	EA	2,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033T480)	9,425.90		1,738.06
26 28 16 16-0650	EA	2,500 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533T480)	10,318.95		1,955.31
26 28 16 16-0651	EA	3,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033T480)	13,824.75		2,172.57
26 28 16 16-0652	EA	4,000 Amperes, Top Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033T480)	19,748.75		2,607.08
26 28 16 16-0653		Bottom Feed, Manually Operated, Bolted Contact Switches <small>(26 28 16 16-0644)</small>			
26 28 16 16-0654	EA	800 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA0833B480)	7,364.73		1,086.29
26 28 16 16-0655	EA	1,200 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1233B480)	8,355.41		1,303.55
26 28 16 16-0656	EA	1,600 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA1633B480)	9,175.54		1,520.80
26 28 16 16-0657	EA	2,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2033B480)	10,193.41		1,738.06
26 28 16 16-0658	EA	2,500 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA2533B480)	11,282.98		1,955.31
26 28 16 16-0659	EA	3,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA3033B480)	15,734.27		2,172.57
26 28 16 16-0660	EA	4,000 Amperes, Bottom Feed, Manually Operated, Bolted Contact Switch (Eaton QA4033B480)	21,750.97		2,607.08

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 29 Low-Voltage Controllers (26 20)

26 29 13 Enclosed Controllers (26 29)

26 29 13 13 Across-The-Line Motor Controllers (26 29 13)

26 29 13 13-0001 Manual Motor Starters (26 29 13 13)

26 29 13 13-0002 Fractional HP Manual Motor Starters (26 29 13 13-0001)

26 29 13 13-0003	EA	NEMA 1, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG1).....	218.50	
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.06	
		<i>For Oversized Enclosure, Add</i>	30.60	
		<i>For Pilot Light, Add</i>	44.88	
26 29 13 13-0004	EA	NEMA 1, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG2).....	286.35	
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.06	
		<i>For Oversized Enclosure, Add</i>	30.60	
		<i>For Pilot Light, Add</i>	44.88	
26 29 13 13-0005	EA	NEMA 1, 1 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG3).....	249.10	
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.06	
		<i>For Oversized Enclosure, Add</i>	30.60	
		<i>For Pilot Light, Add</i>	44.88	
26 29 13 13-0006	EA	NEMA 1, 2 Pole, Key Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG4).....	316.95	
		<i>For Flush Cover Plate In Lieu Of NEMA 1, Deduct</i>	-3.06	
		<i>For Oversized Enclosure, Add</i>	30.60	
		<i>For Pilot Light, Add</i>	44.88	
26 29 13 13-0007	EA	NEMA 1, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG5).....	231.76	
		<i>For Oversized Enclosure, Add</i>	30.60	
26 29 13 13-0008	EA	NEMA 1, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FG6).....	303.69	
		<i>For Oversized Enclosure, Add</i>	30.60	
26 29 13 13-0009	EA	NEMA 4, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW1).....	478.95	
		<i>For Pilot Light, Add</i>	117.31	
26 29 13 13-0010	EA	NEMA 4, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FW2).....	549.87	
		<i>For Pilot Light, Add</i>	117.31	
26 29 13 13-0011	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 1 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR1).....	509.56	
26 29 13 13-0012	EA	NEMA 3R, 7 And 9, Handle Guard/Lockoff, 2 Pole, Toggle Operator, Up To 1 HP, Manual Motor Starter With Thermal Overload Protection (Square D 2510FR2).....	577.41	

26 29 13 13-0013 Non-Reversing Manual Motor Starters (26 29 13 13-0001)

26 29 13 13-0014	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG1).....	173.79	
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.76	
		<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0015	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG2).....	288.14	
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.76	
		<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0016	EA	NEMA 1, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG5).....	196.48	
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.76	
		<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0017	EA	NEMA 1, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG6).....	311.80	
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.76	
		<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0018	EA	NEMA 1, Non-Reversing, 2 Pole, Key Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG3).....	202.34	
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.76	
		<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0019	EA	NEMA 1, Non-Reversing, 3 Pole, Key Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KG4).....	317.67	
		<i>Note: NEMA 1 or flush cover plate installation.</i>		
		<i>For Oversize Enclosure, Add</i>	14.76	
		<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0020	EA	NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW1).....	439.65	
		<i>For Pilot Light, Add</i>	112.21	
26 29 13 13-0021	EA	NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW2).....	543.17	
		<i>For Pilot Light, Add</i>	112.21	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0022	EA		NEMA 4, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW5).....	463.34	70.73
			<i>For Pilot Light, Add</i>	112.21	
26 29 13 13-0023	EA		NEMA 4, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KW6).....	563.90	87.06
			<i>For Pilot Light, Add</i>	112.21	
26 29 13 13-0024	EA		NEMA 3R, 7 And 9, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR1).....	467.21	65.30
26 29 13 13-0025	EA		NEMA 3R, 7 And 9, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KR2).....	578.61	81.62
26 29 13 13-0026	EA		Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO1).....	127.36	38.09
			<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0027	EA		Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO2).....	241.71	54.41
			<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0028	EA		Open Type, Non-Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 3 HP At 230 Volt, 7-1/2 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO5).....	150.05	43.53
			<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0029	EA		Open Type, Non-Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 15 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2510KO6).....	264.40	59.86
			<i>For Pilot Light, Add</i>	70.87	
26 29 13 13-0030			Reversing Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0031	EA		NEMA 1, Reversing, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG11).....	478.38	97.94
			<i>For Pilot Light, Add</i>	114.18	
26 29 13 13-0032	EA		NEMA 1, Reversing, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2511KG22).....	695.26	130.59
			<i>For Pilot Light, Add</i>	114.18	
26 29 13 13-0033			Two Speed Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0034	EA		NEMA 1, Two Speed, 2 Pole, Toggle Operator, 2 HP At 115 Volt, 2 HP At 230 Volt, 3 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG11).....	478.38	97.94
26 29 13 13-0035	EA		NEMA 1, Two Speed, 3 Pole, Toggle Operator, 2 HP At 115 Volt, 7-1/2 HP At 230 Volt, 10 HP At 460 Volt, Manual Motor Starting Switch Without Thermal Overload Protection (Square D 2512KG22).....	695.26	130.59
26 29 13 13-0036			Non-Reversing Integral HP Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0037	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG1).....	443.77	65.30
26 29 13 13-0038	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG1).....	443.77	65.30
26 29 13 13-0039	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW11).....	930.68	76.18
26 29 13 13-0040	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW1).....	930.68	76.18
26 29 13 13-0041	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR1).....	1,220.38	76.18
26 29 13 13-0042	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA1).....	566.52	76.18
26 29 13 13-0043	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO1).....	380.52	48.97
26 29 13 13-0044	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG1).....	528.11	70.73
26 29 13 13-0045	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG1).....	528.11	70.73
26 29 13 13-0046	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW11).....	1,116.01	81.62
26 29 13 13-0047	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW1).....	1,116.01	81.62
26 29 13 13-0048	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR1).....	1,428.15	81.62
26 29 13 13-0049	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA1).....	650.85	81.62
26 29 13 13-0050	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO1).....	464.85	54.41
26 29 13 13-0051	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG2).....	697.09	76.18
26 29 13 13-0052	EA		NEMA 1, Non-Reversing Integral HP, 2 Pole, Toggle Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG2).....	697.09	76.18
26 29 13 13-0053	EA		NEMA 4, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW12).....	1,328.87	87.06
26 29 13 13-0054	EA		NEMA 4X, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW2).....	1,328.87	87.06
26 29 13 13-0055	EA		NEMA 7 And 9, Non-Reversing Integral HP, 2 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR2).....	1,627.75	87.06
26 29 13 13-0056	EA		Type 12, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA2).....	822.91	87.06
26 29 13 13-0057	EA		Open, Non-Reversing Integral HP, 2 Pole, Push Button Operator, NEMA Size M-1P, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO2).....	636.90	59.86
26 29 13 13-0058	EA		NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBG2).....	549.36	81.62

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0059 EA NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510TBG2).....	549.36	81.62
26 29 13 13-0060 EA NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW12).....	1,036.28	92.51
26 29 13 13-0061 EA NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBW2).....	1,036.28	92.51
26 29 13 13-0062 EA NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBR2).....	1,334.14	92.51
26 29 13 13-0063 EA Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBA2).....	673.13	92.51
26 29 13 13-0064 EA Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2510MBO2).....	489.17	65.30
26 29 13 13-0065 EA NEMA 1, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCG3).....	633.70	87.06
26 29 13 13-0066 EA NEMA 1, Non-Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510TCG3).....	633.70	87.06
26 29 13 13-0067 EA NEMA 4, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW13).....	1,221.60	97.94
26 29 13 13-0068 EA NEMA 4X, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCW3).....	1,221.60	97.94
26 29 13 13-0069 EA NEMA 7 And 9, Non-Reversing Integral HP, 3 Pole, External Toggle Operator To Actuate A Push Button Operator Inside, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCR3).....	1,540.88	97.94
26 29 13 13-0070 EA Type 12, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCA3).....	756.45	97.94
26 29 13 13-0071 EA Open, Non-Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2510MCO3).....	570.45	70.73
26 29 13 13-0072 Reversing Integral HP Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0073 EA NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBG1).....	1,298.11	114.27
26 29 13 13-0074 EA NEMA 1, Reversing Integral HP, 3 Pole, Toggle Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511TBG1).....	1,298.11	114.27
26 29 13 13-0075 EA Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2511MBO1).....	1,146.11	81.62
26 29 13 13-0076 EA NEMA 1, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCG1).....	1,537.15	125.15
26 29 13 13-0077 EA Open, Reversing Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2511MCO1).....	1,385.14	92.51
26 29 13 13-0078 Two Speed Integral HP Manual Motor Starters (26 29 13 13-0001)		
26 29 13 13-0079 EA NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBG1).....	1,298.11	114.27
26 29 13 13-0080 EA Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-0, Manual Motor Starter With Thermal Overload Protection (Square D 2512MBO1).....	1,146.11	81.62
26 29 13 13-0081 EA NEMA 1, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCG1).....	1,537.15	125.15
26 29 13 13-0082 EA Open, Two Speed Integral HP, 3 Pole, Push Button Operator, NEMA Size M-1, Manual Motor Starter With Thermal Overload Protection (Square D 2512MCO1).....	1,385.14	92.51
26 29 13 13-0083 Magnetic Motor Starters (26 29 13 13)		
26 29 13 13-0084 Non-Reversing, Magnetic Contactors (26 29 13 13-0083)		
26 29 13 13-0085 Open Enclosure, Non-Reversing, Magnetic Contactors (26 29 13 13-0084)		
26 29 13 13-0086 EA Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO11).....	510.41	108.83
<i>For Factory Installed Accessory, Deduct</i>	-217.65	
26 29 13 13-0087 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAO12).....	575.02	119.71
<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0088 EA Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO5).....	553.25	108.83
<i>For Factory Installed Accessory, Deduct</i>	-217.65	
26 29 13 13-0089 EA Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO1).....	618.89	119.71
<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0090 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO2).....	683.50	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0091 EA Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO3).....	864.06	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0092 EA Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBO4).....	1,089.51	195.89
<i>For Factory Installed Accessory, Deduct</i>	-391.78	
26 29 13 13-0093 EA Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO5).....	646.43	119.71
<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0094 EA Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO1).....	711.04	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0095	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO2).....	777.68	141.48
			<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0096	EA		Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO3).....	991.91	190.45
			<i>For Factory Installed Accessory, Deduct</i>	-380.89	
26 29 13 13-0097	EA		Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCO4).....	1,216.34	223.10
			<i>For Factory Installed Accessory, Deduct</i>	-446.19	
26 29 13 13-0098	EA		Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO1).....	1,104.79	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0099	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO2).....	1,226.18	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0100	EA		Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDO3).....	1,597.16	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0101	EA		Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO1).....	1,662.77	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0102	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO2).....	1,888.90	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0103	EA		Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO3).....	2,403.72	272.06
			<i>For Factory Installed Accessory, Deduct</i>	-544.13	
26 29 13 13-0104	EA		Size 3, 3 Phase, 5 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEO4).....	3,442.86	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0105	EA		Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO1).....	3,769.60	272.06
			<i>For Factory Installed Accessory, Deduct</i>	-544.13	
26 29 13 13-0106	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO2).....	4,140.59	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0107	EA		Size 4, 3 Phase, 4 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFO3).....	5,614.26	380.89
			<i>For Factory Installed Accessory, Deduct</i>	-761.78	
26 29 13 13-0108	EA		Size 5, 1 Phase, 2 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO1).....	7,642.49	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0109	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGO2).....	8,471.18	435.30
			<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13 13-0110	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHO2).....	22,053.16	652.96
			<i>For Factory Installed Accessory, Deduct</i>	-1,305.92	
26 29 13 13-0111	EA		Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJO2).....	31,569.53	979.44
			<i>For Factory Installed Accessory, Deduct</i>	-1,958.88	
26 29 13 13-0112			NEMA 1, Non-Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
26 29 13 13-0113	EA		Size 00, 1 Phase, 2 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG11).....	542.03	108.83
			<i>For Factory Installed Accessory, Deduct</i>	-217.65	
26 29 13 13-0114	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SAG12).....	606.65	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0115	EA		Size 0, 1 Phase, 1 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG5).....	584.88	108.83
			<i>For Factory Installed Accessory, Deduct</i>	-217.65	
26 29 13 13-0116	EA		Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG1).....	651.53	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0117	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG2).....	716.14	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0118	EA		Size 0, 3 Phase, 4 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG3).....	898.74	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0119	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBG4).....	1,125.21	195.89
			<i>For Factory Installed Accessory, Deduct</i>	-391.78	
26 29 13 13-0120	EA		Size 1, 1 Phase, 1 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG5).....	680.09	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0121	EA		Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG1).....	746.74	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0122	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG2).....	811.35	141.48
			<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0123	EA		Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG3).....	1,026.60	190.45
			<i>For Factory Installed Accessory, Deduct</i>	-380.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0124 EA Size 1, 3 Phase, 5 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCG4).....	1,250.01	223.10
<i>For Factory Installed Accessory, Deduct</i>	-446.19	
26 29 13 13-0125 EA Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG1).....	1,255.76	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0126 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG2).....	1,378.17	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0127 EA Size 2, 3 Phase, 4 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDG3).....	1,748.13	217.65
<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0128 EA Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG1).....	1,959.62	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0129 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG2).....	2,184.72	217.65
<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0130 EA Size 3, 3 Phase, 4 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEG3).....	2,700.56	272.06
<i>For Factory Installed Accessory, Deduct</i>	-544.13	
26 29 13 13-0131 EA Size 4, 1 Phase, 2 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG1).....	4,384.70	272.06
<i>For Factory Installed Accessory, Deduct</i>	-544.13	
26 29 13 13-0132 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFG2).....	4,755.69	326.48
<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0133 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGG2).....	9,592.24	435.30
<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13 13-0134 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHG2).....	26,983.17	652.96
<i>For Factory Installed Accessory, Deduct</i>	-1,305.92	
26 29 13 13-0135 EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, NEMA 1 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SJJ2).....	36,513.82	979.44
<i>For Factory Installed Accessory, Deduct</i>	-1,958.88	
26 29 13 13-0136 NEMA 12, Non-Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
26 29 13 13-0137 EA Size 0, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA1).....	825.96	119.71
<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0138 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBA2).....	890.57	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0139 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCA2).....	985.78	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0140 EA Size 2, 1 Phase, 2 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA1).....	1,574.02	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0141 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDA2).....	1,697.46	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0142 EA Size 3, 1 Phase, 2 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA1).....	2,337.04	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0143 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEA2).....	2,561.13	217.65
<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0144 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFA2).....	6,005.28	326.48
<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0145 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGA2).....	12,790.16	435.30
<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13 13-0146 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHA2).....	30,904.33	652.96
<i>For Factory Installed Accessory, Deduct</i>	-1,305.92	
26 29 13 13-0147 NEMA 4/4X, Non-Reversing, Magnetic Contactors <small>(26 29 13 13-0084)</small>		
<i>Note: Brushed stainless steel enclosure.</i>		
26 29 13 13-0148 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBW12).....	1,225.16	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0149 EA Size 1, 1 Phase, 2 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW11).....	1,270.04	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0150 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW12).....	1,334.64	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0151 EA Size 1, 3 Phase, 4 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SCW13).....	1,549.89	190.45
<i>For Factory Installed Accessory, Deduct</i>	-380.89	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0152	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SDW12)	2,424.77	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0153	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SEW12).....	3,665.87	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0154	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SFW12)	7,284.45	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0155	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SGW12).....	12,790.16	435.30
			<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13 13-0156	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 4/4X Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SHW2).....	34,246.08	652.96
			<i>For Factory Installed Accessory, Deduct</i>	-1,305.92	
26 29 13 13-0157			NEMA 7/9, Non-Reversing, Magnetic Contactors (26 29 13 13-0084) Note: Bolted cast iron enclosure.		
26 29 13 13-0158	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Non-Reversing, Magnetic Contactors (Square D 8502SBT2)	2,459.79	174.13
			<i>For Factory Installed Accessory, Deduct</i>	-348.24	
26 29 13 13-0159			Non-Reversing, Magnetic Starters (26 29 13 13-0083)		
26 29 13 13-0160			Open Enclosure, Non-Reversing, Magnetic Starters (26 29 13 13-0159)		
26 29 13 13-0161	EA		Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO11)	611.40	108.83
			<i>For Factory Installed Accessory, Deduct</i>	-217.65	
26 29 13 13-0162	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAO12)	633.17	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0163	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO1)	683.15	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0164	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO2).....	755.92	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0165	EA		Size 0, 3 Phase, 5 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBO4).....	1,217.02	195.89
			<i>For Factory Installed Accessory, Deduct</i>	-391.78	
26 29 13 13-0166	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO1)	778.37	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0167	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO3)	915.39	141.48
			<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0168	EA		Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCO2)	958.24	141.48
			<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0169	EA		Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO6)	1,197.62	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0170	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDO1).....	1,357.77	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0171	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEO1).....	2,106.18	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0172	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFO1).....	4,475.17	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0173	EA		Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGO1)	10,206.32	435.30
			<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13 13-0174	EA		Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHO2).....	23,498.61	652.96
			<i>For Factory Installed Accessory, Deduct</i>	-1,305.92	
26 29 13 13-0175	EA		Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SJO2).....	33,846.33	979.44
			<i>For Factory Installed Accessory, Deduct</i>	-1,958.88	
26 29 13 13-0176			NEMA 1, Non-Reversing, Magnetic Starters (26 29 13 13-0159)		
26 29 13 13-0177	EA		Size 00, 1 Phase, 2 Pole, .34 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG11).....	645.06	108.83
			<i>For Factory Installed Accessory, Deduct</i>	-217.65	
26 29 13 13-0178	EA		Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SAG12)	666.83	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0179	EA		Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG1)	716.81	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0180 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBG2).....	789.59	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0181 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG1).....	811.01	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0182 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG3).....	884.79	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0183 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCG2).....	992.92	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0184 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG6).....	1,349.61	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0185 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDG1).....	1,509.76	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0186 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEG1).....	2,403.02	217.65
<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0187 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFG1).....	5,090.27	326.48
<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0188 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 1 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGG1).....	11,330.44	435.30
<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13 13-0189 NEMA 12, Non-Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0190 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA1).....	891.25	119.71
<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0191 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBA2).....	964.02	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0192 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA1).....	985.44	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0193 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA3).....	1,059.22	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0194 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCA2).....	1,167.35	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0195 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA6).....	1,668.89	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0196 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDA1).....	1,828.03	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0197 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEA1).....	2,779.43	217.65
<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0198 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFA1).....	6,338.84	326.48
<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0199 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGA1).....	14,525.30	435.30
<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13 13-0200 EA Size 6, 3 Phase, 3 Pole, 150 HP At 200 Volt, 200 HP At 230 Volt, 400 HP At 460/575 Volt, 540 Amperes, NEMA 12 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SHA2).....	34,689.82	652.96
<i>For Factory Installed Accessory, Deduct</i>	-1,305.92	
26 29 13 13-0201 NEMA 3R, Non-Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small>		
26 29 13 13-0202 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH1).....	891.25	119.71
<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13 13-0203 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBH2).....	964.02	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0204 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH1).....	985.44	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0205 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH3).....	1,059.22	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0206 EA Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 36 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCH2).....	1,167.35	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0207 EA Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH6).....	1,668.89	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13	13-0208	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDH1).....	1,828.03	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13	13-0209	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEH1).....	2,779.43	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13	13-0210	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFH1).....	6,338.84	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13	13-0211		NEMA 3R/4/4X/7/9, Non-Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Bolted cast aluminum enclosure.		
26 29 13	13-0212	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 115 Volt, 5 HP At 230 Volt, 18 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT4).....	2,563.16	185.00
			<i>For Factory Installed Accessory, Deduct</i>	-370.01	
26 29 13	13-0213	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR1).....	3,156.85	185.00
			<i>For Factory Installed Accessory, Deduct</i>	-370.01	
26 29 13	13-0214	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCR3).....	3,252.06	195.89
			<i>For Factory Installed Accessory, Deduct</i>	-391.78	
26 29 13	13-0215	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDR1).....	5,053.17	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13	13-0216	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SET43).....	6,092.30	272.06
			<i>For Factory Installed Accessory, Deduct</i>	-544.13	
26 29 13	13-0217	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 3R/4/4X/7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFT41).....	9,715.97	380.89
			<i>For Factory Installed Accessory, Deduct</i>	-761.78	
26 29 13	13-0218		NEMA 4/4X, Non-Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Brushed stainless steel enclosure.		
26 29 13	13-0219	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW11).....	1,224.81	119.71
			<i>For Factory Installed Accessory, Deduct</i>	-239.42	
26 29 13	13-0220	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBW12).....	1,298.60	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13	13-0221	EA	Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW11).....	1,334.31	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13	13-0222	EA	Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW13).....	1,408.09	141.48
			<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13	13-0223	EA	Size 1, 1 Phase, 2 Pole, 3 HP At 200/230 Volt, 7-1/2 HP At 460/575 Volt, 36 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCW12).....	1,516.22	141.48
			<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13	13-0224	EA	Size 2, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 45 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW16).....	2,394.16	130.59
			<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13	13-0225	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW11).....	3,883.14	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13	13-0226	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW11).....	7,616.99	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13	13-0227	EA	Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, NEMA 4/4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SGW11).....	16,982.66	435.30
			<i>For Factory Installed Accessory, Deduct</i>	-870.62	
26 29 13	13-0228		NEMA 4X, Non-Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Glass polyester enclosure.		
26 29 13	13-0229	EA	Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDW21).....	2,556.36	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13	13-0230	EA	Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SEW21).....	4,746.12	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13	13-0231	EA	Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 4X Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SFW21).....	9,359.27	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13	13-0232		NEMA 7/9, Non-Reversing, Magnetic Starters <small>(26 29 13 13-0159)</small> Note: Bolted cast iron enclosure.		
26 29 13	13-0233	EA	Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT1).....	2,481.21	174.13
			<i>For Factory Installed Accessory, Deduct</i>	-348.24	
26 29 13	13-0234	EA	Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SBT2).....	2,563.16	185.00
			<i>For Factory Installed Accessory, Deduct</i>	-370.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0235 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT1).....	2,599.89	185.00
<i>For Factory Installed Accessory, Deduct</i>	-370.01	
26 29 13 13-0236 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT3).....	2,677.76	195.89
<i>For Factory Installed Accessory, Deduct</i>	-391.78	
26 29 13 13-0237 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 36 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SCT2).....	2,802.21	195.89
<i>For Factory Installed Accessory, Deduct</i>	-391.78	
26 29 13 13-0238 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 7/9 Enclosure, Full Voltage, Non-Reversing Magnetic Starter (Square D 8536SDT1).....	4,131.02	217.65
<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0239 Reversing, Magnetic Starters (26 29 13 13-0083)		
26 29 13 13-0240 Open Enclosure, Reversing, Magnetic Starters (26 29 13 13-0239)		
26 29 13 13-0241 EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO13).....	1,163.27	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0242 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAO16).....	1,227.54	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0243 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO1).....	1,359.46	152.35
<i>For Factory Installed Accessory, Deduct</i>	-304.71	
26 29 13 13-0244 EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO2).....	1,409.80	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0245 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBO10).....	1,445.50	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0246 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO2).....	1,546.82	174.13
<i>For Factory Installed Accessory, Deduct</i>	-348.24	
26 29 13 13-0247 EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO3).....	1,610.08	190.45
<i>For Factory Installed Accessory, Deduct</i>	-380.89	
26 29 13 13-0248 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCO7).....	1,646.80	190.45
<i>For Factory Installed Accessory, Deduct</i>	-380.89	
26 29 13 13-0249 EA Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDO1).....	2,831.45	217.65
<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0250 EA Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEO1).....	4,633.28	326.48
<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0251 EA Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230, 100 HP At 460/575 Volt, 135 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFO1).....	10,700.73	489.72
<i>For Factory Installed Accessory, Deduct</i>	-979.44	
26 29 13 13-0252 EA Size 5, 3 Phase, 3 Pole, 75 HP At 200 Volt, 100 HP At 230 Volt, 200 HP At 460/575 Volt, 270 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SGO1).....	19,982.42	652.96
<i>For Factory Installed Accessory, Deduct</i>	-1,305.92	
26 29 13 13-0253 EA Size 7, 3 Phase, 3 Pole, 300 HP At 230 Volt, 600 HP At 460/575 Volt, 810 Amperes, Open Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SJO1).....	64,873.59	1,197.10
<i>For Factory Installed Accessory, Deduct</i>	-2,394.18	
26 29 13 13-0254 NEMA 1, Reversing, Magnetic Starters (26 29 13 13-0239)		
26 29 13 13-0255 EA Size 00, 1 Phase, 2 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG13).....	1,202.72	130.59
<i>For Factory Installed Accessory, Deduct</i>	-261.19	
26 29 13 13-0256 EA Size 00, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG15).....	1,255.08	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0257 EA Size 00, 3 Phase, 3 Pole, 1-1/2 HP At 200/230 Volt, 2 HP At 460/575 Volt, 9 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SAG16).....	1,291.80	141.48
<i>For Factory Installed Accessory, Deduct</i>	-282.95	
26 29 13 13-0258 EA Size 0, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG1).....	1,420.67	152.35
<i>For Factory Installed Accessory, Deduct</i>	-304.71	
26 29 13 13-0259 EA Size 0, 1 Phase, 3 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG2).....	1,473.04	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0260 EA Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBG4).....	1,509.76	163.24
<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0261 EA Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG2).....	1,638.63	174.13
<i>For Factory Installed Accessory, Deduct</i>	-348.24	
26 29 13 13-0262 EA Size 1, 1 Phase, 3 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG6).....	1,701.88	190.45
<i>For Factory Installed Accessory, Deduct</i>	-380.89	
26 29 13 13-0263 EA Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCG8).....	1,738.61	190.45
<i>For Factory Installed Accessory, Deduct</i>	-380.89	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0264	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDG2).....	3,070.15	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0265	EA		Size 3, 3 Phase, 3 Pole, 25 HP At 200 Volt, 30 HP At 230 Volt, 50 HP At 460/575 Volt, 90 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SEG2).....	5,046.41	326.48
			<i>For Factory Installed Accessory, Deduct</i>	-652.96	
26 29 13 13-0266	EA		Size 4, 3 Phase, 3 Pole, 40 HP At 200 Volt, 50 HP At 230 Volt, 100 HP At 460/575 Volt, 135 Amperes, NEMA 1 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SFG3).....	11,459.66	489.72
			<i>For Factory Installed Accessory, Deduct</i>	-979.44	
26 29 13 13-0267			NEMA 12, Reversing, Magnetic Starters (26 29 13 13-0239)		
26 29 13 13-0268	EA		Size 0, 1 Phase, 3 Pole, 3/4 HP At 115 Volt, 1 HP At 230 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA2).....	1,734.18	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0269	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBA4).....	1,770.90	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0270	EA		Size 1, 3 Phase, 3 Pole, 7-1/2 HP At 200/230 Volt, 10 HP At 460/575 Volt, 27 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCA4).....	1,999.74	190.45
			<i>For Factory Installed Accessory, Deduct</i>	-380.89	
26 29 13 13-0271	EA		Size 2, 3 Phase, 3 Pole, 10 HP At 200 Volt, 15 HP At 230 Volt, 25 HP At 460/575 Volt, 45 Amperes, NEMA 12 Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SDA1).....	3,506.74	217.65
			<i>For Factory Installed Accessory, Deduct</i>	-435.30	
26 29 13 13-0272			NEMA 4X, Reversing, Magnetic Starters (26 29 13 13-0239)		
			Note: Brushed stainless steel enclosure.		
26 29 13 13-0273	EA		Size 0, 3 Phase, 3 Pole, 3 HP At 200/230 Volt, 5 HP At 460/575 Volt, 18 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SBW14).....	2,176.89	163.24
			<i>For Factory Installed Accessory, Deduct</i>	-326.48	
26 29 13 13-0274	EA		Size 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 27 Amperes, NEMA 4/4X Enclosure, Full Voltage, Reversing Magnetic Starter (Square D 8736SCW11).....	2,568.94	174.13
			<i>For Factory Installed Accessory, Deduct</i>	-348.24	
26 29 13 13-0275			Magnetic Contactor/Starters Accessories (26 29 13 13-0083)		
26 29 13 13-0276	EA		NEMA 1 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA2).....	162.15	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0277	EA		NEMA 12 Enclosure Start/Stop Push Button Kit, Contactor/Starter Accessory (Square D 9999SA3).....	277.31	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0278	EA		NEMA 1 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC2).....	162.15	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0279	EA		NEMA 12 Enclosure Selector Switch Kit, Contactor/Starter Accessory (Square D 9999SC8).....	277.31	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0280	EA		NEMA 1 And 12 Enclosure Red Pilot Light Kit, Contactor/Starter Accessory (Square D 9999SP2R).....	277.31	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0281	EA		Internal Non-Convertible Contact Block Kit, 1 Contact, Contactor/Starter Accessory (Square D 9999SX11).....	136.92	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	
26 29 13 13-0282	EA		External Convertible Field Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX6).....	121.80	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	
26 29 13 13-0283	EA		External Convertible Field Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX8).....	162.15	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0284	EA		External Field Non-Convertible Contact, 1 Contact, Contactor/Starter Accessory (Square D 9999SX13).....	136.92	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	
26 29 13 13-0285	EA		External Field Non-Convertible Contacts, 2 Contacts Or 1 Overlapping Contact, Contactor/Starter Accessory (Square D 9999SX15).....	183.08	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0286	EA		30 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB6).....	205.55	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	
26 29 13 13-0287	EA		45 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB11).....	355.61	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	
26 29 13 13-0288	EA		60 Amperes, 1 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB21).....	377.71	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	
26 29 13 13-0289	EA		30 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB8).....	451.79	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0290	EA		45 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB13).....	790.30	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0291	EA		60 Amperes, 2 Contact Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SB23).....	790.30	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0292	EA		Adapter Bracket For Power Pole Adder Kit, Contactor/Starter Accessory (Square D 9999SBT1).....	46.69	8.17
			<i>For Factory Installed Accessory, Deduct</i>	-16.32	
26 29 13 13-0293	EA		1 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF3).....	96.21	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	
26 29 13 13-0294	EA		2 Pole Control Circuit Fuse Holder, Contactor/Starter Accessory (Square D 9999SF4).....	127.25	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0295	EA		Transient Suppression Module, Contactor/Starter Accessory (Square D 9999ST1).....	99.33	13.61
			<i>For Factory Installed Accessory, Deduct</i>	-27.21	
26 29 13 13-0296	EA		Terminal Block, Contactor/Starter Accessory (Square D 9999T7).....	55.06	8.17
			<i>For Factory Installed Accessory, Deduct</i>	-16.32	
26 29 13 13-0297	EA		Closing Plate For NEMA 1 Enclosures, Contactor/Starter Accessory (Square D 9999SG1).....	32.96	8.17
			<i>For Factory Installed Accessory, Deduct</i>	-16.32	
26 29 13 13-0298	EA		1 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R39).....	178.80	10.89
			<i>For Factory Installed Accessory, Deduct</i>	-21.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0299 EA 2 Pole Disconnect Switch And Breaker Interlock, Contactor/Starter Accessory (Square D 9999R40) <i>For Factory Installed Accessory, Deduct</i>	309.88 -27.21	13.61
26 29 13 13-0300 Definite Purpose Starters <small>(26 29 13 13)</small>		
26 29 13 13-0301 Open Enclosure, Definite Purpose Starter <small>(26 29 13 13-0300)</small>		
26 29 13 13-0302 EA Open Enclosure, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO13) <i>For Factory Installed Accessory, Deduct</i>	564.15 -261.19	130.59
26 29 13 13-0303 EA Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO22) <i>For Factory Installed Accessory, Deduct</i>	563.13 -261.19	130.59
26 29 13 13-0304 EA Open Enclosure, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO23) <i>For Factory Installed Accessory, Deduct</i>	609.37 -282.95	141.48
26 29 13 13-0305 EA Open Enclosure, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO32) <i>For Factory Installed Accessory, Deduct</i>	600.87 -261.19	130.59
26 29 13 13-0306 EA Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO33) <i>For Factory Installed Accessory, Deduct</i>	653.24 -282.95	141.48
26 29 13 13-0307 EA Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO42) <i>For Factory Installed Accessory, Deduct</i>	633.52 -261.19	130.59
26 29 13 13-0308 EA Open Enclosure, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO43) <i>For Factory Installed Accessory, Deduct</i>	733.49 -326.48	163.24
26 29 13 13-0309 EA Open Enclosure, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO52) <i>For Factory Installed Accessory, Deduct</i>	818.15 -326.48	163.24
26 29 13 13-0310 EA Open Enclosure, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSO53) <i>For Factory Installed Accessory, Deduct</i>	1,031.70 -380.89	190.45
26 29 13 13-0311 NEMA 1, Definite Purpose Starter <small>(26 29 13 13-0300)</small>		
26 29 13 13-0312 EA NEMA 1, 1 Phase, 2 Pole, 1 HP At 115 Volt, 2 HP At 230 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG12) <i>For Factory Installed Accessory, Deduct</i>	578.08 -239.42	119.71
26 29 13 13-0313 EA NEMA 1, 3 Phase, 3 Pole, 3 HP At 230 Volt, 5 HP At 460/575 Volt, 20 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG13) <i>For Factory Installed Accessory, Deduct</i>	624.34 -261.19	130.59
26 29 13 13-0314 EA NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 3 HP At 230 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG22) <i>For Factory Installed Accessory, Deduct</i>	622.30 -261.19	130.59
26 29 13 13-0315 EA NEMA 1, 3 Phase, 3 Pole, 7.5 HP At 230 Volt, 10 HP At 460/575 Volt, 25 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG23) <i>For Factory Installed Accessory, Deduct</i>	671.60 -282.95	141.48
26 29 13 13-0316 EA NEMA 1, 1 Phase, 2 Pole, 2 HP At 115 Volt, 5 HP At 230 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG32) <i>For Factory Installed Accessory, Deduct</i>	661.06 -261.19	130.59
26 29 13 13-0317 EA NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 15 HP At 460/575 Volt, 30 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG33) <i>For Factory Installed Accessory, Deduct</i>	714.44 -282.95	141.48
26 29 13 13-0318 EA NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 7-1/2 HP At 230 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG42) <i>For Factory Installed Accessory, Deduct</i>	695.74 -261.19	130.59
26 29 13 13-0319 EA NEMA 1, 3 Phase, 3 Pole, 10 HP At 230 Volt, 20 HP At 460/575 Volt, 40 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG43) <i>For Factory Installed Accessory, Deduct</i>	794.69 -326.48	163.24
26 29 13 13-0320 EA NEMA 1, 1 Phase, 2 Pole, 3 HP At 115 Volt, 10 HP At 230 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG52) <i>For Factory Installed Accessory, Deduct</i>	876.30 -326.48	163.24
26 29 13 13-0321 EA NEMA 1, 3 Phase, 3 Pole, 15 HP At 230 Volt, 30 HP At 460/575 Volt, 50 Amperes, Definite Purpose Starter With Thermal Overload Protection (Square D 8911DPSG53) <i>For Factory Installed Accessory, Deduct</i>	1,090.86 -380.89	190.45
26 29 13 13-0322 Definite Purpose Starter Accessory <small>(26 29 13 13-0300)</small>		
26 29 13 13-0323 EA Start-Stop Push Button Kit, Definite Purpose Starter Accessory Note: Or Hand-Off-Auto Selector Switch Kit <i>For Factory Installed Accessory, Deduct</i>	183.08 -27.21	13.61
26 29 13 13-0324 Panel Mounted Miniature Contactor <small>(26 29 13 13)</small>		
26 29 13 13-0325 Non-Reversing, Panel Mounted Miniature Contactor <small>(26 29 13 13-0324)</small>		
26 29 13 13-0326 EA 3 Phase (1-1/2 HP At 200/230 Volt, 3 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 6 Amperes, 15 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K) <i>For Factory Installed Accessory, Deduct</i>	166.97 -326.48	54.41
26 29 13 13-0327 EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 4 Pole, Without Auxiliary Contacts, 9 Amperes, 20 Amperes, AC Coil, Non-Reversing, Panel Mounted Miniature Contactor (Square D LC1K) <i>For Factory Installed Accessory, Deduct</i>	196.22 -326.48	59.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0357 EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	314.54	59.86
26 29 13 13-0358 EA 3 Phase (2 HP At 200 Volt, 3 HP At 230 Volt, 5 HP At 460/575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 9 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	362.49	59.86
26 29 13 13-0359 EA 3 Phase (3 HP At 200/230 Volt, 7-1/2 HP At 460 Volt, 10 HP At 575 Volt), 1 Phase (1/2 HP At 115 Volt, 1-1/2 HP At 230 Volt), 3 Pole, Auxiliary Contacts, 12 Amperes, 20 Amperes, DC Low Consumption Coil With Integral Suppression, Reversing, Panel Mounted Miniature Contactor (Square D LP5K).....	410.09	65.30
26 29 13 13-0360 Panel Mounted Miniature Contactor Accessories <small>(26 29 13 13-0324)</small>		
26 29 13 13-0361 EA 2 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN02)	70.43	27.21
26 29 13 13-0362 EA 4 Auxiliary Contacts, 10 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA1KN40)	78.30	27.21
26 29 13 13-0363 EA Electronic Time Delay Contact, 2 Amperes, Panel Mounted Miniature Contactor Accessory (Square D LA2KT2U).....	92.56	27.21
26 29 13 13-0364 EA Overload Relay, Panel Mounted Miniature Contactor Accessory (Square D LR2K0301).....	120.93	27.21
26 29 13 13-0365 Reduced Voltage Auto Transformer Type 240-600 Volt, 3 Pole <small>(26 29 13 13)</small>		
26 29 13 13-0366 NEMA 1 Enclosure <small>(26 29 13 13-0365)</small>		
26 29 13 13-0367 EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	7,221.31	521.42
<i>For NEMA 4, Add</i>	<i>769.54</i>	
26 29 13 13-0368 EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	12,637.62	695.22
<i>For NEMA 4, Add</i>	<i>1,405.62</i>	
26 29 13 13-0369 EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	22,169.63	825.58
<i>For NEMA 4, Add</i>	<i>2,565.47</i>	
26 29 13 13-0370 EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	54,180.74	1,010.24
<i>For NEMA 4, Add</i>	<i>6,521.14</i>	
26 29 13 13-0371 EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 1, 240 - 600 Volt, 3 Pole, Non-Reversing	86,478.29	1,292.68
<i>For NEMA 4, Add</i>	<i>10,486.49</i>	
26 29 13 13-0372 NEMA 12 Enclosure <small>(26 29 13 13-0365)</small>		
26 29 13 13-0373 EA Reduced Voltage Auto Transformer Starter, Size 3, 50 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	7,170.03	532.49
26 29 13 13-0374 EA Reduced Voltage Auto Transformer Starter, Size 4, 100 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	12,543.95	696.31
26 29 13 13-0375 EA Reduced Voltage Auto Transformer Starter, Size 5, 200 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	21,998.68	822.97
26 29 13 13-0376 EA Reduced Voltage Auto Transformer Starter, Size 6, 300 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	53,746.20	1,005.79
26 29 13 13-0377 EA Reduced Voltage Auto Transformer Starter, Size 7, 600 HP, NEMA 12, 240 - 600 Volt, 3 Pole, Non-Reversing	85,779.52	1,293.22
26 29 13 13-0378 Factory Modifications Pilot Devices <small>(26 29 13 13-0365)</small>		
26 29 13 13-0379 EA Start-Stop Push-button, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	181.31	
26 29 13 13-0380 EA H-O-A Select Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	199.96	
26 29 13 13-0381 EA Forward-Reverse-Stop, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	340.37	
26 29 13 13-0382 EA Pilot Light, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	184.93	
26 29 13 13-0383 EA Fused Control Circuit, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device.....	265.91	
26 29 13 13-0384 EA Auxiliary Interlock, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	132.96	
26 29 13 13-0385 EA Auxiliary Relay, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Pilot Device	433.96	
26 29 13 13-0386 Factory Modifications Meters <small>(26 29 13 13-0365)</small>		
26 29 13 13-0387 EA Ammeter And Switch, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,744.40	
26 29 13 13-0388 EA Voltmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	1,684.85	
26 29 13 13-0389 EA Wattmeter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	595.65	
26 29 13 13-0390 EA Elapsed-time Meter, Factory Modification Reduced Voltage Auto Transformer Starter, 240 - 600 Volt, 3 Phase, Meter	493.55	
26 29 13 13-0391 Factory Modifications Main Circuit Breakers <small>(26 29 13 13-0365)</small>		
26 29 13 13-0392 EA Reduced Voltage Auto Transformer Starter, Size 3, Circuit Breaker, Factory Modification Main Circuit Breaker	2,305.48	
26 29 13 13-0393 EA Reduced Voltage Auto Transformer Starter, Size 4, Circuit Breaker, Factory Modification Main Circuit Breaker	4,216.43	
26 29 13 13-0394 EA Reduced Voltage Auto Transformer Starter, Size 5-7, Circuit Breaker, Factory Modification Main Circuit Breaker.....	8,968.76	
26 29 13 13-0395 Factory Modifications Addition <small>(26 29 13 13-0365)</small>		
<i>Note: For reversing service auto transformer type.</i>		
26 29 13 13-0396 EA Reduced Voltage Auto Transformer Starter, Size 3, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	
26 29 13 13-0397 EA Reduced Voltage Auto Transformer Starter, Size 4, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	
26 29 13 13-0398 EA Reduced Voltage Auto Transformer Starter, Size 5, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	
26 29 13 13-0399 EA Reduced Voltage Auto Transformer Starter, Size 6, 7, Factory Modification For Reversing Type 240 - 600 Volt, 3 Phase	387.19	

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0400			Combination Starters Non-Reversing (26 29 13 13)		
26 29 13 13-0401			240-600 Volt, 3-Pole (26 29 13 13-0400)		
26 29 13 13-0402			NEMA 1 With Disconnect Switch (26 29 13 13-0401)		
26 29 13 13-0403	EA		Combination Starter, Size 0, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,734.14	249.85
			<i>For Electronic Overloads, Add</i>	233.93	
26 29 13 13-0404	EA		Combination Starter, Size 1, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,086.04	391.06
			<i>For Electronic Overloads, Add</i>	246.79	
26 29 13 13-0405	EA		Combination Starter, Size 2, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,961.79	456.24
			<i>For Electronic Overloads, Add</i>	390.75	
26 29 13 13-0406	EA		Combination Starter, Size 3, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	4,554.64	564.87
			<i>For Electronic Overloads, Add</i>	650.39	
26 29 13 13-0407	EA		Combination Starter, Size 4, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,413.13	901.61
			<i>For Electronic Overloads, Add</i>	1,254.50	
26 29 13 13-0408	EA		Combination Starter, Size 5, NEMA 1 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	17,087.48	1,129.74
			<i>For Electronic Overloads, Add</i>	2,816.63	
26 29 13 13-0409			NEMA 1 With Circuit Breaker (26 29 13 13-0401)		
26 29 13 13-0410	EA		Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,221.22	249.85
			<i>For Electronic Overloads, Add</i>	326.48	
26 29 13 13-0411	EA		Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	2,573.12	391.06
			<i>For Electronic Overloads, Add</i>	339.33	
26 29 13 13-0412	EA		Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,435.34	456.24
			<i>For Electronic Overloads, Add</i>	480.72	
26 29 13 13-0413	EA		Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	4,811.71	564.87
			<i>For Electronic Overloads, Add</i>	699.23	
26 29 13 13-0414	EA		Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	9,887.90	901.61
			<i>For Electronic Overloads, Add</i>	1,534.71	
26 29 13 13-0415	EA		Combination Starter, Size 5, NEMA 1 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	20,997.65	1,129.74
			<i>For Electronic Overloads, Add</i>	3,559.57	
26 29 13 13-0416			Factory Modifications For NEMA 1 Enclosure (26 29 13 13-0401)		
26 29 13 13-0417	EA		Start-Stop Push-button, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	221.81	
26 29 13 13-0418	EA		H-O-A Select Switch, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	520.99	
26 29 13 13-0419	EA		Pilot Light, Factory Modifications - NEMA 1 Combination Motor Starter, 240 - 600 Volt	359.57	
26 29 13 13-0420			NEMA 4 With Disconnect Switch (26 29 13 13-0401)		
26 29 13 13-0421	EA		Combination Starter, Size 0, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,200.65	325.88
			<i>For Electronic Overloads, Add</i>	480.72	
26 29 13 13-0422	EA		Combination Starter, Size 1, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,502.99	456.24
			<i>For Electronic Overloads, Add</i>	493.57	
26 29 13 13-0423	EA		Combination Starter, Size 2, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	5,064.83	499.69
			<i>For Electronic Overloads, Add</i>	771.21	
26 29 13 13-0424	EA		Combination Starter, Size 3, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	8,120.83	608.32
			<i>For Electronic Overloads, Add</i>	1,313.63	
26 29 13 13-0425	EA		Combination Starter, Size 4, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	12,878.03	901.61
			<i>For Electronic Overloads, Add</i>	2,102.83	
26 29 13 13-0426	EA		Combination Starter, Size 5, NEMA 4 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	28,479.75	1,129.74
			<i>For Electronic Overloads, Add</i>	4,981.17	
26 29 13 13-0427			NEMA 4 With Circuit Breaker (26 29 13 13-0401)		
26 29 13 13-0428	EA		Combination Starter, Size 0, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,687.73	325.88
			<i>For Electronic Overloads, Add</i>	573.27	
26 29 13 13-0429	EA		Combination Starter, Size 1, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	3,990.07	456.24
			<i>For Electronic Overloads, Add</i>	586.12	
26 29 13 13-0430	EA		Combination Starter, Size 2, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	5,538.38	499.69
			<i>For Electronic Overloads, Add</i>	861.19	
26 29 13 13-0431	EA		Combination Starter, Size 3, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	8,377.90	608.32
			<i>For Electronic Overloads, Add</i>	1,362.47	
26 29 13 13-0432	EA		Combination Starter, Size 4, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	14,352.80	901.61
			<i>For Electronic Overloads, Add</i>	2,383.04	
26 29 13 13-0433	EA		Combination Starter, Size 5, NEMA 4 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase	26,950.86	1,129.74
			<i>For Electronic Overloads, Add</i>	4,690.68	
26 29 13 13-0434			Factory Modifications For NEMA 4 Enclosure (26 29 13 13-0401)		
26 29 13 13-0435	EA		Start-Stop Push-button, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	221.84	
26 29 13 13-0436	EA		H-O-A Select Switch, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	520.99	
26 29 13 13-0437	EA		Pilot Light, Factory Modifications - NEMA 4 Combination Motor Starter, 240 - 600 Volt	359.57	
26 29 13 13-0438			NEMA 12 With Disconnect Switch (26 29 13 13-0401)		
26 29 13 13-0439	EA		Combination Starter, Size 0, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	1,795.70	251.47
			<i>For Electronic Overloads, Add</i>	245.63	
26 29 13 13-0440	EA		Combination Starter, Size 1, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	2,150.98	393.56
			<i>For Electronic Overloads, Add</i>	259.13	
26 29 13 13-0441	EA		Combination Starter, Size 2, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase	3,064.62	452.66
			<i>For Electronic Overloads, Add</i>	410.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0442 EA Combination Starter, Size 3, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase <i>For Electronic Overloads, Add</i>	4,725.79 682.91	565.74
26 29 13 13-0443 EA Combination Starter, Size 4, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase <i>For Electronic Overloads, Add</i>	8,743.25 1,317.23	905.31
26 29 13 13-0444 EA Combination Starter, Size 5, NEMA 12 With Disconnect Switch Non-Reversing, 240 - 600 Volt, 3 Phase <i>For Electronic Overloads, Add</i>	17,828.68 2,957.46	1,131.47
26 29 13 13-0445 NEMA 12 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0446 EA Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase..... <i>For Electronic Overloads, Add</i>	2,377.31 356.14	251.47
26 29 13 13-0447 EA Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase..... <i>For Electronic Overloads, Add</i>	2,735.35 370.16	393.56
26 29 13 13-0448 EA Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase..... <i>For Electronic Overloads, Add</i>	3,665.17 524.39	452.66
26 29 13 13-0449 EA Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase..... <i>For Electronic Overloads, Add</i>	5,146.01 762.75	565.74
26 29 13 13-0450 EA Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase..... <i>For Electronic Overloads, Add</i>	10,621.64 1,674.12	905.31
26 29 13 13-0451 EA Combination Starter, Size 5, NEMA 12 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase..... <i>For Electronic Overloads, Add</i>	22,699.46 3,882.91	1,131.47
26 29 13 13-0452 Factory Modifications For NEMA 12 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0453 EA Start-Stop Push-button, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	219.99	
26 29 13 13-0454 EA H-O-A Select Switch, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	516.65	
26 29 13 13-0455 EA Pilot Light, Factory Modifications - NEMA 12 Combination Motor Starter, 240 - 600 Volt.....	356.57	
26 29 13 13-0456 NEMA 7 Or 9 With Circuit Breaker <small>(26 29 13 13-0401)</small>		
26 29 13 13-0457 EA Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	4,217.10	521.42
26 29 13 13-0458 EA Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	5,714.15	695.22
26 29 13 13-0459 EA Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	6,197.89	955.93
26 29 13 13-0460 EA Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	9,218.05	1,303.55
26 29 13 13-0461 EA Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Non-Reversing, 240 - 600 Volt, 3 Phase.....	13,899.88	1,824.96
26 29 13 13-0462 Factory Modifications For NEMA 7 Or 9 Enclosure <small>(26 29 13 13-0401)</small>		
26 29 13 13-0463 EA Start-Stop Push-button, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	1,319.15	
26 29 13 13-0464 EA H-O-A Select Switch, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	1,319.15	
26 29 13 13-0465 EA Pilot Light, Factory Modifications - NEMA 7 Or 9 Combination Motor Starter, 240 - 600 Volt.....	1,319.15	
26 29 13 13-0466 Combination Starters Reversing <small>(26 29 13 13)</small>		
26 29 13 13-0467 240-600 Volt, 3 Pole <small>(26 29 13 13-0466)</small>		
26 29 13 13-0468 NEMA 1 With Disconnect Switch <small>(26 29 13 13-0467)</small>		
26 29 13 13-0469 EA Combination Starter, Size 0, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,137.77	325.88
26 29 13 13-0470 EA Combination Starter, Size 1, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,470.71	456.24
26 29 13 13-0471 EA Combination Starter, Size 2, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,622.60	499.69
26 29 13 13-0472 EA Combination Starter, Size 3, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	5,543.19	608.32
26 29 13 13-0473 EA Combination Starter, Size 4, NEMA 1 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	10,892.26	901.61
26 29 13 13-0474 NEMA 1 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0475 EA Combination Starter, Size 0, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,394.77	325.88
26 29 13 13-0476 EA Combination Starter, Size 1, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,745.05	456.24
26 29 13 13-0477 EA Combination Starter, Size 2, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	3,943.75	499.69
26 29 13 13-0478 EA Combination Starter, Size 3, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	5,101.05	608.32
26 29 13 13-0479 EA Combination Starter, Size 4, NEMA 1 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	11,760.92	901.61
26 29 13 13-0480 NEMA 12 With Disconnect Switch <small>(26 29 13 13-0467)</small>		
26 29 13 13-0481 EA Combination Starter, Size 0, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,287.22	335.34
26 29 13 13-0482 EA Combination Starter, Size 1, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	2,630.17	452.66
26 29 13 13-0483 EA Combination Starter, Size 2, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	3,889.14	502.95
26 29 13 13-0484 EA Combination Starter, Size 3, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	5,984.85	603.54
26 29 13 13-0485 EA Combination Starter, Size 4, NEMA 12 With Disconnect Switch, Reversing, 240 - 600 Volt, 3 Phase.....	11,817.29	905.31
26 29 13 13-0486 NEMA 12 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0487 EA Combination Starter, Size 0, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,570.39	335.34
26 29 13 13-0488 EA Combination Starter, Size 1, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	2,932.45	452.66
26 29 13 13-0489 EA Combination Starter, Size 2, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	4,243.00	502.95
26 29 13 13-0490 EA Combination Starter, Size 3, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	5,497.68	603.54
26 29 13 13-0491 EA Combination Starter, Size 4, NEMA 12 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	12,774.43	905.31
26 29 13 13-0492 NEMA 7 Or 9 With Circuit Breaker <small>(26 29 13 13-0467)</small>		
26 29 13 13-0493 EA Combination Starter, Size 0, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	5,108.01	695.22
26 29 13 13-0494 EA Combination Starter, Size 1, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	5,476.23	869.02

26 Electrical**26 20 Low-Voltage Electrical Distribution****26 29 Low-Voltage Controllers**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 13 13-0495 EA Combination Starter, Size 2, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	7,885.77	1,129.74
26 29 13 13-0496 EA Combination Starter, Size 3, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	12,578.50	1,477.34
26 29 13 13-0497 EA Combination Starter, Size 4, NEMA 7 Or 9 With Circuit Breaker, Reversing, 240 - 600 Volt, 3 Phase.....	23,030.11	1,998.77
26 29 13 13-0498 Solid State Motor Controllers (26 29 13 13)		
26 29 13 13-0499 Adjustable Voltage Drives, DC Motors (26 29 13 13-0498)		
26 29 13 13-0500 EA 0.5-1.5 HP DC Solid State Motor Controller, Reversing With Dynamic Braking	1,706.01	195.53
26 29 13 13-0501 EA 0.5-2.0 HP DC Solid State Motor Controller, Non-Reversing With Dynamic Braking.....	2,065.62	195.53
26 29 13 13-0502 Removal And Reinstallation Of Motor Starters (26 29 13 13)		
Note: Includes storage and cleaning.		
26 29 13 13-0503 EA Removal And Reinstallation Of Up To 25 HP Motor Starter With Disconnect.....	775.91	
26 29 13 13-0504 Auxiliary Devices (26 29 13 13)		
26 29 13 13-0505 EA Normally Open, Auxiliary Contact	497.25	108.63
26 29 13 13-0506 EA Normally Closed, Auxiliary Contact.....	497.25	108.63
26 29 13 13-0507 EA Pilot Light Kit.....	525.50	108.63
26 29 23 Variable-Frequency Motor Controllers (26 29)		
26 29 23 00-0001 208/230 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives (26 29 23)		
Note: 1 or 3 phase. Wall mounted. ABB ACH580 Series. Includes full voltage bypass with main input circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0002 EA 3/4 HP, 208/230 Volt Variable Frequency Drive	2,191.71	397.85
For 6-Pulse Drive Package, Deduct	-767.75	
26 29 23 00-0003 EA 1 HP, 208/230 Volt Variable Frequency Drive	2,472.66	434.84
For 6-Pulse Drive Package, Deduct	-883.86	
26 29 23 00-0004 EA 1-1/2 HP, 208/230 Volt Variable Frequency Drive	2,881.20	478.13
For 6-Pulse Drive Package, Deduct	-1,058.72	
26 29 23 00-0005 EA 2 HP, 208/230 Volt Variable Frequency Drive	3,051.52	459.59
For 6-Pulse Drive Package, Deduct	-1,172.79	
26 29 23 00-0006 EA 3 HP, 208/230 Volt Variable Frequency Drive	3,268.62	501.08
For 6-Pulse Drive Package, Deduct	-1,246.56	
26 29 23 00-0007 EA 5 HP, 208/230 Volt Variable Frequency Drive	3,548.05	501.08
For 6-Pulse Drive Package, Deduct	-1,400.25	
26 29 23 00-0008 EA 7.5 HP, 208/230 Volt Variable Frequency Drive	4,239.23	598.29
For 6-Pulse Drive Package, Deduct	-1,673.46	
26 29 23 00-0009 EA 10 HP, 208/230 Volt Variable Frequency Drive	4,642.84	598.29
For 6-Pulse Drive Package, Deduct	-1,895.45	
26 29 23 00-0010 EA 15 HP, 208/230 Volt Variable Frequency Drive	6,086.23	900.84
For 6-Pulse Drive Package, Deduct	-2,356.51	
26 29 23 00-0011 EA 20 HP, 208/230 Volt Variable Frequency Drive	7,203.93	900.84
For 6-Pulse Drive Package, Deduct	-2,971.24	
26 29 23 00-0012 EA 25 HP, 208/230 Volt Variable Frequency Drive	8,757.99	1,196.67
For 6-Pulse Drive Package, Deduct	-3,500.61	
26 29 23 00-0013 EA 30 HP, 208/230 Volt Variable Frequency Drive	10,155.13	1,196.67
For 6-Pulse Drive Package, Deduct	-4,269.03	
26 29 23 00-0014 EA 40 HP, 208/230 Volt Variable Frequency Drive	11,365.98	1,196.67
For 6-Pulse Drive Package, Deduct	-4,935.00	
26 29 23 00-0015 EA 50 HP, 208/230 Volt Variable Frequency Drive	15,009.74	1,512.75
For 6-Pulse Drive Package, Deduct	-6,591.39	
26 29 23 00-0016 EA 60 HP, 208/230 Volt Variable Frequency Drive	18,109.33	1,789.55
For 6-Pulse Drive Package, Deduct	-7,991.63	
26 29 23 00-0017 EA 75 HP, 208/230 Volt Variable Frequency Drive	20,593.13	1,789.55
For 6-Pulse Drive Package, Deduct	-9,357.72	
26 29 23 00-0018 460/480 Volt, Ultra Low Harmonic (ULH) Variable Frequency Drives (26 29 23)		
Note: 3 Phase. ABB ACH580 Series. Includes full voltage bypass with main circuit breaker. NEMA 1 enclosure.		
26 29 23 00-0019 EA 3 HP, 480 Volt Variable Frequency Drive	5,281.57	715.84
Note: Wall mounted.		
For 6-Pulse Drive Package, Deduct	-2,117.44	
26 29 23 00-0020 EA 5 HP, 480 Volt Variable Frequency Drive	5,467.86	715.84
Note: Wall mounted.		
For 6-Pulse Drive Package, Deduct	-2,219.90	
26 29 23 00-0021 EA 7.5 HP, 480 Volt Variable Frequency Drive	5,959.28	852.93
Note: Wall mounted.		
For 6-Pulse Drive Package, Deduct	-2,339.43	
26 29 23 00-0022 EA 10 HP, 480 Volt Variable Frequency Drive	5,990.33	852.93
Note: Wall mounted.		
For 6-Pulse Drive Package, Deduct	-2,356.51	
26 29 23 00-0023 EA 15 HP, 480 Volt Variable Frequency Drive	7,988.42	1,293.08
Note: Wall mounted.		
For 6-Pulse Drive Package, Deduct	-2,971.24	
26 29 23 00-0024 EA 20 HP, 480 Volt Variable Frequency Drive	8,423.09	1,293.08
Note: Wall mounted.		
For 6-Pulse Drive Package, Deduct	-3,210.31	
26 29 23 00-0025 EA 25 HP, 480 Volt Variable Frequency Drive	10,086.85	1,705.87
Note: Wall mounted.		
For 6-Pulse Drive Package, Deduct	-3,671.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 23 00-0026 EA 30 HP, 480 Volt Variable Frequency Drive Note: Wall mounted. For 6-Pulse Drive Package, Deduct	11,639.23 -4,525.17	1,705.87
26 29 23 00-0027 EA 40 HP, 480 Volt Variable Frequency Drive Note: Wall mounted. For 6-Pulse Drive Package, Deduct	13,253.70 -5,413.13	1,705.87
26 29 23 00-0028 EA 50 HP, 480 Volt Variable Frequency Drive Note: Wall mounted. For 6-Pulse Drive Package, Deduct	17,373.57 -7,171.97	2,166.86
26 29 23 00-0029 EA 60 HP, 480 Volt Variable Frequency Drive Note: Wall mounted. For 6-Pulse Drive Package, Deduct	23,270.99 -9,972.46	2,569.63
26 29 23 00-0030 EA 75 HP, 480 Volt Variable Frequency Drive Note: Wall mounted. For 6-Pulse Drive Package, Deduct	24,761.27 -10,792.11	2,569.63
26 29 23 00-0031 EA 100 HP, 480 Volt Variable Frequency Drive Note: Wall mounted. For 6-Pulse Drive Package, Deduct	28,701.76 -12,636.33	2,863.36
26 29 23 00-0032 EA 125 HP, 480 Volt Variable Frequency Drive Note: Wall mounted. For 6-Pulse Drive Package, Deduct	30,316.23 -13,524.29	2,863.36
26 29 23 00-0033 EA 150 HP, 480 Volt Variable Frequency Drive Note: Floor mounted. For 6-Pulse Drive Package, Deduct	33,669.36 -15,368.51	2,863.36
26 29 23 00-0034 EA 200 HP, 480 Volt Variable Frequency Drive Note: Floor mounted. For 6-Pulse Drive Package, Deduct	38,828.30 -17,554.26	3,455.73
26 29 23 00-0035 EA 250 HP, 480 Volt Variable Frequency Drive Note: Floor mounted. For 6-Pulse Drive Package, Deduct	48,803.71 -22,871.08	3,609.96
26 29 23 00-0036 EA 300 HP, 480 Volt Variable Frequency Drive Note: Floor mounted. For 6-Pulse Drive Package, Deduct	57,265.15 -26,939.30	4,142.31
26 29 23 00-0037 EA 350 HP, 480 Volt Variable Frequency Drive Note: Floor mounted. For 6-Pulse Drive Package, Deduct	65,962.15 -31,337.42	4,492.46
26 29 23 00-0038 EA 400 HP, 480 Volt Variable Frequency Drive Note: Floor mounted. For 6-Pulse Drive Package, Deduct	76,556.96 -36,770.36	4,850.93
26 29 23 00-0039 EA 450 HP, 480 Volt Variable Frequency Drive Note: Floor mounted. For 6-Pulse Drive Package, Deduct	82,499.90 -39,588.60	5,260.32

26 29 33 Controllers for Fire Pump Drivers (26 29)

26 29 33 13 Full-Service Controllers for Fire Pump Electric-Motor Drivers (26 29 33)

26 29 33 13-0001 Electric Controllers For Fire Pumps (26 29 33 13)

26 29 33 13-0002 Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller (26 29

CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 29 33 13-0003 EA 30 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch <small>33 13-0001</small>	33,249.22	204.40
26 29 33 13-0004 EA 40 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	37,648.43	227.12
26 29 33 13-0005 EA 50 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	39,459.13	249.82
26 29 33 13-0006 EA 75 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	45,007.30	272.54
26 29 33 13-0007 EA 150 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	47,519.36	317.96
26 29 33 13-0008 EA 175 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	50,562.48	408.81
26 29 33 13-0009 EA 200 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	54,791.40	454.24
26 29 33 13-0010 EA 250 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	62,666.45	517.82
26 29 33 13-0011 EA 300 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	75,602.63	558.71
26 29 33 13-0012 EA 350 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	88,875.63	635.93
26 29 33 13-0013 EA 400 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	106,135.05	681.35
26 29 33 13-0014 EA 500 HP Wye-Delta (Star-Delta), Closed Transition Electric Fire Pump Controller With Automatic Transfer Switch	119,872.73	726.77

26 29 33 19 Controllers for Fire Pump Diesel Engine Drivers (26 29 33)

See CSI section 26 29 33 13-0000 for controllers for fire pump diesel engine drivers.

26 30 Facility Electrical Power Generating and Storing Equipment

26 31 Photovoltaic Collectors (26 30)

26 31 00 00-0001 Rigid Photovoltaic Modules (26 31)

26 31 00 00-0002 Sanyo Rigid Photovoltaic Modules (26 31 00 00-0001)

26 31 00 00-0003 EA 205 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.3% Module Efficiency (Sanyo HIP-205NHKA6).....	2,121.90	103.19
For >25 To 50, Deduct	-153.98	
For >50 To 100, Deduct	-207.03	
For >100, Deduct	-307.97	
26 31 00 00-0004 EA 210 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 16.7% Module Efficiency (Sanyo HIP-210NHKA6).....	2,225.74	103.19
For >25 To 50, Deduct	-161.77	
For >50 To 100, Deduct	-217.41	
For >100, Deduct	-323.54	

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 31 Photovoltaic Collectors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0005	EA		215 Watt Hybrid Monocrystalline With Thin Amorphous Layers Photovoltaic Module, 62.2" x 31.4", 17.1% Module Efficiency (Sanyo HIP-215HNKA6).....	2,081.17	103.19
			<i>For >25 To 50, Deduct</i>	-150.93	
			<i>For >50 To 100, Deduct</i>	-202.96	
			<i>For >100, Deduct</i>	-301.86	
26 31 00 00-0006			Sharp Rigid Photovoltaic Modules (26 31 00 00-0001)		
26 31 00 00-0007	EA		224 Watt Polycrystalline Photovoltaic Module, 64.6" x 39.1", 13.74% Module Efficiency (Sharp ND-224UC1).....	1,654.36	103.19
			<i>For >25 To 50, Deduct</i>	-118.92	
			<i>For >50 To 100, Deduct</i>	-160.28	
			<i>For >100, Deduct</i>	-237.83	
26 31 00 00-0008	EA		230 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.1% Module Efficiency (Sharp NU-U230F3).....	1,886.12	103.19
			<i>For >25 To 50, Deduct</i>	-136.30	
			<i>For >50 To 100, Deduct</i>	-183.45	
			<i>For >100, Deduct</i>	-272.60	
26 31 00 00-0009	EA		235 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.4% Module Efficiency (Sharp NU-U235F1).....	1,922.84	103.19
			<i>For >25 To 50, Deduct</i>	-139.05	
			<i>For >50 To 100, Deduct</i>	-187.12	
			<i>For >100, Deduct</i>	-278.11	
26 31 00 00-0010	EA		240 Watt Monocrystalline Photovoltaic Module, 64.6" x 39.1", 14.7% Module Efficiency (Sharp NU-U240F1).....	1,808.10	103.19
			<i>For >25 To 50, Deduct</i>	-130.45	
			<i>For >50 To 100, Deduct</i>	-175.65	
			<i>For >100, Deduct</i>	-260.90	
26 31 00 00-0011			BP Solar Rigid Photovoltaic Modules (26 31 00 00-0001)		
			Note: Approved for applications in NEC Class 1, Division 2, Groups C and D hazardous locations.		
26 31 00 00-0012	EA		50 Watt Polycrystalline Photovoltaic Module, 33" x 21.1" (BP SX350J).....	800.61	103.19
			<i>For >25 To 50, Deduct</i>	-54.89	
			<i>For >50 To 100, Deduct</i>	-74.90	
			<i>For >100, Deduct</i>	-109.77	
26 31 00 00-0013	EA		75 Watt Polycrystalline Photovoltaic Module, 47.6" x 21.14" (BP SX375J).....	995.66	103.19
			<i>For >25 To 50, Deduct</i>	-69.51	
			<i>For >50 To 100, Deduct</i>	-94.41	
			<i>For >100, Deduct</i>	-139.03	
26 31 00 00-0014	EA		80 Watt Polycrystalline Photovoltaic Module, 47.6" x 20.9" (BP SX380J).....	1,073.68	103.19
			<i>For >25 To 50, Deduct</i>	-75.37	
			<i>For >50 To 100, Deduct</i>	-102.21	
			<i>For >100, Deduct</i>	-150.73	
26 31 00 00-0015			Photovoltaic Inverters (26 31)		
26 31 00 00-0016			Fronius Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0017	EA		3 KW Photovoltaic Inverter (Fronius IG Plus 3.0-1).....	5,096.00	108.63
26 31 00 00-0018	EA		5 KW Photovoltaic Inverter (Fronius IG Plus 5.0-1).....	6,732.01	108.63
26 31 00 00-0019	EA		6 KW Photovoltaic Inverter (Fronius IG Plus 6.0-1).....	7,107.88	108.63
26 31 00 00-0020	EA		7.5 KW Photovoltaic Inverter (Fronius IG Plus 7.5-1).....	7,951.18	108.63
26 31 00 00-0021	EA		10 KW Photovoltaic Inverter (Fronius IG Plus 10.0-1).....	12,609.13	108.63
26 31 00 00-0022	EA		12 KW Photovoltaic Inverter (Fronius IG Plus 12.0-3-1).....	14,662.40	108.63
26 31 00 00-0023	EA		11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3 Delta).....	11,903.06	217.26
26 31 00 00-0024	EA		11.4 KW Photovoltaic Inverter (Fronius IG Plus 11.4-3).....	15,081.47	217.26
26 31 00 00-0025	EA		Inverter Display Stand (Fronius 4,045,894).....	433.79	54.31
26 31 00 00-0026			SMA Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0027	EA		4 KW AC Photovoltaic Inverter (SMA Sunny Boy 4000TL-US-22).....	3,776.39	108.63
26 31 00 00-0028	EA		5 KW AC Photovoltaic Inverter (SMA Sunny Boy 5000TL-US-22).....	4,539.26	108.63
26 31 00 00-0029	EA		6 KW AC Photovoltaic Inverter (SMA Sunny Boy 6000TL-US-22).....	5,250.21	108.63
26 31 00 00-0030	EA		7 KW AC Photovoltaic Inverter (SMA Sunny Boy 7000TL-US-22).....	5,792.96	108.63
26 31 00 00-0031	EA		8 KW AC Photovoltaic Inverter (SMA Sunny Boy 8000TL-US-12).....	5,610.13	108.63
26 31 00 00-0032			PVPowered Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0033	EA		120 Volt, 1.1 KW Photovoltaic Inverter (PVPowered PVP1100).....	4,680.75	108.63
26 31 00 00-0034	EA		240 Volt, 2 KW Photovoltaic Inverter (PVPowered PVP2000).....	4,896.86	108.63
26 31 00 00-0035	EA		240 Volt, 2.5 KW Photovoltaic Inverter (PVPowered PVP2500).....	5,413.70	108.63
26 31 00 00-0036	EA		240 Volt, 3.5 KW Photovoltaic Inverter (PVPowered PVP3500).....	6,417.07	135.78
26 31 00 00-0037	EA		208 Volt, 4.6 KW Photovoltaic Inverter (PVPowered PVP4600).....	7,824.52	162.94
26 31 00 00-0038	EA		240 Volt, 4.8 KW Photovoltaic Inverter (PVPowered PVP4800).....	7,890.31	162.94
26 31 00 00-0039	EA		240 Volt, 5.2 KW Photovoltaic Inverter (PVPowered PVP5200).....	8,328.19	162.94
26 31 00 00-0040	EA		208 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	99,601.48	869.02
26 31 00 00-0041	EA		480 Volt, 75 KW Photovoltaic Inverter (PVPowered PVP75kW).....	99,733.64	869.02
26 31 00 00-0042	EA		208 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	107,941.62	869.02
26 31 00 00-0043	EA		480 Volt, 100 KW Photovoltaic Inverter (PVPowered PVP100kW).....	100,049.03	869.02
26 31 00 00-0044			Solectria Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0045	EA		208 Or 480 Volt, 10 KW Photovoltaic Inverter (Solectria PVI).....	15,639.95	217.26
26 31 00 00-0046	EA		208 Or 480 Volt, 13 KW Photovoltaic Inverter (Solectria PVI).....	15,639.95	217.26
26 31 00 00-0047	EA		208 Volt, 15 KW, Photovoltaic Inverter (Solectria PVI).....	16,099.17	217.26
26 31 00 00-0048	EA		480 Volt, 15 KW Photovoltaic Inverter (Solectria PVI).....	16,099.17	217.26
26 31 00 00-0049	EA		208 Volt, 50 KW Photovoltaic Inverter (Solectria PVI).....	49,011.89	651.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0050 EA 480 Volt, 50 KW Photovoltaic Inverter (Solectria PVI)	46,715.76	651.77
26 31 00 00-0051 EA 208 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	53,604.13	651.77
26 31 00 00-0052 EA 480 Volt, 60 KW Photovoltaic Inverter (Solectria PVI)	52,328.51	651.77
26 31 00 00-0053 EA 208 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	56,920.76	651.77
26 31 00 00-0054 EA 480 Volt, 75 KW Photovoltaic Inverter (Solectria PVI)	54,369.51	651.77
26 31 00 00-0055 EA 208 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	59,906.51	869.02
26 31 00 00-0056 EA 480 Volt, 85 KW Photovoltaic Inverter (Solectria PVI)	57,100.14	869.02
26 31 00 00-0057 EA 208 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	62,202.64	869.02
26 31 00 00-0058 EA 480 Volt, 100 KW Photovoltaic Inverter (Solectria PVI)	58,886.02	869.02
26 31 00 00-0059 Xantrex Photovoltaic Inverters (26 31 00 00-0015)		
26 31 00 00-0060 EA 0.6 KW Photovoltaic Inverter (Xantrex 806-1206)	649.21	27.16
26 31 00 00-0061 EA 1 KW Photovoltaic Inverter (Xantrex 806-1210)	708.30	27.16
26 31 00 00-0062 EA 2 KW Photovoltaic Inverter (Xantrex 806-1220)	1,142.55	27.16
26 31 00 00-0063 Photovoltaic DC-DC Converters (26 31)		
26 31 00 00-0064 EA 15 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-20)	375.19	40.74
Note: Hazardous locations.		
26 31 00 00-0065 EA 20 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-23)	246.69	40.74
26 31 00 00-0066 EA 60 Amperes, 20 To 35 Volt Input, 13.8 Volt Output DC Voltage Converter (Samlex SDC-60)	705.63	40.74
26 31 00 00-0067 Photovoltaic Combiner Boxes (26 31)		
26 31 00 00-0068 Midnight Solar Photovoltaic Combiner Boxes (26 31 00 00-0067)		
26 31 00 00-0069 EA 3 - 150 Volt DC Breaker Or 3 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV3)	433.94	108.63
26 31 00 00-0070 EA 6 - 150 Volt DC Breaker Or 4 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV6)	422.04	108.63
26 31 00 00-0071 EA 12 - 150 Volt DC Breaker Or 10 - 600 Volt DC Fuse Holder, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12)	674.09	162.94
26 31 00 00-0072 EA 6 - 300 Volt DC Breaker, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV12-250)	678.26	162.94
26 31 00 00-0073 EA 16, 600 Volt DC Breakers, NEMA 3R, Aluminum Photovoltaic Combiner Box (Midnite Solar MNPV16)	1,064.28	162.94
26 31 00 00-0074 SMA Photovoltaic Combiner Boxes (26 31 00 00-0067)		
26 31 00 00-0075 EA 6 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SBCB-6)	995.60	108.63
26 31 00 00-0076 EA 12 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-12)	1,198.41	108.63
26 31 00 00-0077 EA 28 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-28)	2,319.29	217.26
26 31 00 00-0078 EA 52 Input NEMA 3R, Steel Photovoltaic Combiner Box (SMA SCCB-52)	5,406.98	217.26
26 31 00 00-0079 EA 4 Input NEMA 3R, Steel Combination DC Disconnect And Photovoltaic Combiner Box (SMA Combi-Switch)	885.85	108.63
26 31 00 00-0080 Photovoltaic Charge Controller (26 31)		
26 31 00 00-0081 EA 35 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-35)	297.17	40.74
26 31 00 00-0082 EA 40 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-40)	400.43	40.74
26 31 00 00-0083 EA 60 Amperes, 12 Or 24 Volt, Charge Controller (Xantrex C-60)	469.27	40.74
26 31 00 00-0084 EA Remote Digital Meter For Xantrex C-35, 40 And 60	356.83	40.74
26 31 00 00-0085 EA MPPT Charge Controller (Xantrex XW SCC)	1,260.45	54.31
26 31 00 00-0086 Photovoltaic Batteries (26 31)		
26 31 00 00-0087 Concorde Photovoltaic Batteries (26 31 00 00-0086)		
26 31 00 00-0088 EA 34 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-340T)	280.17	16.29
26 31 00 00-0089 EA 45 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-420T)	352.93	21.72
26 31 00 00-0090 EA 49 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-490T)	382.95	21.72
26 31 00 00-0091 EA 56 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-560T)	436.56	32.59
26 31 00 00-0092 EA 69 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-690T)	498.45	32.59
26 31 00 00-0093 EA 89 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-890T)	591.84	38.02
26 31 00 00-0094 EA 104 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1040T)	678.82	43.45
26 31 00 00-0095 EA 108 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-1080T)	670.79	43.45
26 31 00 00-0096 EA 210 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2120T)	1,237.95	51.60
26 31 00 00-0097 EA 255 Ampere Hours, 12 Volt, Sealed Absorbed Glass Mat (AGM) Battery (Concorde PVX-2580T)	1,433.20	54.31
26 31 00 00-0098 Deka Photovoltaic Batteries (26 31 00 00-0086)		
26 31 00 00-0099 EA 31 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8GU1)	290.76	27.21
26 31 00 00-0100 EA 50 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G22NF)	403.20	27.21
26 31 00 00-0101 EA 74 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G24)	598.25	27.21
26 31 00 00-0102 EA 86 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G27)	685.45	27.21
26 31 00 00-0103 EA 98 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G31)	687.75	27.21
26 31 00 00-0104 EA 183 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G4D)	1,339.44	27.21
26 31 00 00-0105 EA 225 Amperes Hours Capacity At 20 Hour Lead Acid Battery (Deka BYDK8G8D)	1,550.55	27.21
26 31 00 00-0106 Battery Enclosures (26 31 00 00-0086)		
26 31 00 00-0107 EA 14" x 12" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge 55-2501-010)	329.67	27.16
26 31 00 00-0108 EA 22" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS1GC)	1,644.64	27.21
26 31 00 00-0109 EA 37" x 16" x 8" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS2GCL)	1,545.97	27.21

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 31 Photovoltaic Collectors**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0110	EA		37" x 16" x 14.5" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETS4GC)	2,062.27	27.21
26 31 00 00-0111	EA		15" x 17.1" x 8.4" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSLCF1)	914.92	27.21
26 31 00 00-0112	EA		31" x 36" x 14" NEMA 3R Aluminum Photovoltaic Battery Enclosure (IronRidge BETSBR827BP)	2,160.94	27.21
26 31 00 00-0113 Photovoltaic System Monitoring (26 31)					
26 31 00 00-0114	EA		Solar Inverter Monitor (Xantrex 864-0203).....	696.53	54.31
26 31 00 00-0115	EA		Photovoltaic System Monitoring, Remote Diagnosis, Data Storage Communication Hub (SMA Sunny WebBox)	1,463.83	27.16
26 31 00 00-0116	EA		Sun Radiation And Temperature Monitor (SMA Sunny SensorBox)	1,221.80	27.16
26 31 00 00-0117	EA		PT100 Ambient Temperature Sensor For Sunny SensorBox (SMA)	219.12	27.16
26 31 00 00-0118	EA		Wind Sensor Accessory For Sunny SensorBox (SMA).....	545.27	54.31
26 31 00 00-0119	EA		Sunny Boy Control with RS485 (SMA).....	1,439.74	27.16
26 31 00 00-0120	EA		RS 485 Module (SMA).....	321.40	27.16
26 31 00 00-0121	EA		RS 232 Module (SMA).....	329.67	27.16
26 31 00 00-0122	EA		Wireless Monitor with Bluetooth (SMA Sunny Beam)	617.38	
26 31 00 00-0123	EA		Bluetooth Piggy-Back Computer Card (SMA).....	334.14	27.16
26 31 00 00-0124	EA		RS485-N Communication Computer Card (SMA).....	331.83	27.16
26 31 00 00-0125	EA		Bluetooth Repeater (SMA).....	633.63	27.16
26 31 00 00-0126	EA		Sunny Boy PC Service Cable (SMA).....	302.41	8.15
26 31 00 00-0127	EA		Integrated Revenue Grade Meter, Option (PVPowered).....	5,885.91	
26 31 00 00-0128	EA		Data Monitoring Module (PVPowered PVM1010).....	632.29	27.16
26 31 00 00-0129	EA		Wireless IG Personal Display (Fronius 4,240,108)	627.45	
26 31 00 00-0130	EA		DatCom Power Supply (Fronius 43,0001,2311)	205.89	
26 31 00 00-0131	EA		Wireless Card For IG Personal Display (Fronius 4,240,008,Z)	373.22	27.16
26 31 00 00-0132	EA		Retrofit Solar Inverter Interface And Power Supply Option Communication Card (Fronius 4,240,001,Z)	314.48	27.16
26 31 00 00-0133	EA		Datalogger Pro Box (Fronius 4,240,102)	1,259.68	27.16
26 31 00 00-0134	EA		Datalogger Easy Box (Fronius 4,240,103).....	816.46	27.16
26 31 00 00-0135	EA		Datalogger Interface Box (Fronius 4,240,105).....	1,423.23	27.16
26 31 00 00-0136	EA		Datalogger Web (Fronius 4,240,122).....	2,451.70	27.16
26 31 00 00-0137	EA		Interface Box (Fronius 4,240,109)	652.55	27.16
26 31 00 00-0138	EA		Interface Card (Fronius 4,240,009,Z).....	463.19	27.16
26 31 00 00-0139	EA		Interface Card Easy (Fronius 4,240,013,Z).....	302.55	27.16
26 31 00 00-0140	EA		Sensor Box (Fronius 4,240,104)	1,315.99	27.16
26 31 00 00-0141	EA		Ambient Temperature Sensor (Fronius 43,0001,1188).....	138.42	27.16
26 31 00 00-0142	EA		Irradiance Sensor (Fronius 43,0001,1188).....	451.53	27.16
26 31 00 00-0143	EA		Module Temperature Sensor (Fronius 43,0001,1190)	503.84	27.16
26 31 00 00-0144	EA		Wind Speed Sensor (Fronius 42,0411,0027).....	254.18	54.31
26 31 00 00-0145 Photovoltaic System Accessories (26 31)					
26 31 00 00-0146	EA		Four Inverter Bypass Switch (OutBack AC-IOB-100Q).....	960.49	54.31
26 31 00 00-0147	EA		Line Communication Filter (Enphase LCF).....	2,096.62	108.63
26 31 00 00-0148	EA		15 Meter RS 485 Communication Cable (SMA)	160.86	8.15
26 31 00 00-0149	EA		15 Meter RS 232 Communication Cable (SMA)	243.47	8.15
26 31 00 00-0150	EA		24" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	36.34	2.69
26 31 00 00-0151	EA		36" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	39.11	2.69
26 31 00 00-0152	EA		48" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	40.68	2.69
26 31 00 00-0153	EA		72" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	45.01	2.69
26 31 00 00-0154	EA		120" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	51.52	2.69
26 31 00 00-0155	EA		240" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	81.34	5.37
26 31 00 00-0156	EA		360" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	101.54	5.37
26 31 00 00-0157	EA		420" #10 AWG Male Or Female Photovoltaic Multi-Contact Module Interconnect.....	132.86	8.07
26 31 00 00-0158	EA		36" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	46.10	2.69
26 31 00 00-0159	EA		120" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	64.53	2.69
26 31 00 00-0160	EA		240" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	94.36	5.37
26 31 00 00-0161	EA		360" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	126.88	5.37
26 31 00 00-0162	EA		600" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	204.99	10.76
26 31 00 00-0163	EA		1200" #10 AWG Male And Female Photovoltaic Multi-Contact Module Interconnect.....	214.17	10.76
26 31 00 00-0164	EA		Lighting Kit, 9 Watt Fluorescent, 12 Volt, 4.5 Ampere Hours Battery.....	3,815.75	293.29
Note: Tamper proof enclosure.					
26 31 00 00-0165 Photovoltaic Mounting Systems (26 31)					
26 31 00 00-0166	LF		Anodized Aluminum Photovoltaic Module Mounting Rail (UNIRAC SolarMount Standard).....	12.56	2.72
26 31 00 00-0167	EA		Splice Bar For Photovoltaic Module Mounting Rail (UNIRAC 310229)	34.36	13.58
26 31 00 00-0168	EA		Splice Plate For Photovoltaic Module Mounting Rail (UNIRAC 310216)	44.57	13.58
26 31 00 00-0169	EA		8" x 3/8" Hanger Bolt (UNIRAC 310046).....	24.04	5.43
Note: Supports mounting rail above tile or metal roof.					
26 31 00 00-0170	EA		Mounting Rail Grounding Clip (UNIRAC 980006).....	11.00	4.07
Note: One grounding clip for every two top mounting clamps (end clamps + mid clamps) in your installation. Only one of the two rails in each row requires grounding clips.					
26 31 00 00-0171	EA		Mounting Rail Grounding Lugs (UNIRAC 980012)	24.51	5.43
Note: Two grounding lugs for each rail splice and one additional lug for each rail.					
26 31 00 00-0172	EA		Anodized Aluminum Photovoltaic Module Mounting End Clamp (UNIRAC 320002)	6.47	1.81
Note: Four for each row of modules you plan to mount.					
26 31 00 00-0173	EA		Anodized Aluminum Photovoltaic Module Mounting Mid Clamp (UNIRAC 320008).....	6.81	1.81
Note: For each row, take one less than the number of modules in the row and multiply that figure by 2.					
26 31 00 00-0174	EA		Photovoltaic Module Mount L-Feet (UNIRAC 310065).....	16.59	5.43
26 31 00 00-0175	EA		12" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310121).....	100.25	27.16
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.					

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 31 00 00-0176 EA 30" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310122).....	111.82	27.16
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0177 EA 44" Leg Extension, Photovoltaic Module One Leg Tilt Kit (UNIRAC 310123).....	121.13	27.16
Note: Includes one square tube, one strut insert, two L-feet, and stainless steel hardware for use with mounting rail. Excludes standoffs.		
26 31 00 00-0178 EA 12" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310107).....	147.01	40.74
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0179 EA 44" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310108).....	181.70	40.74
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0180 EA 72" Leg Extension, Photovoltaic Module Two Leg Tilt Kit (UNIRAC 310109).....	213.19	40.74
Note: Includes two square tubes, two strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0181 EA 18" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310111).....	231.99	54.31
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0182 EA 64" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310112).....	314.88	54.31
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0183 EA 104" Leg Extension, Photovoltaic Module Four Leg Tilt Kit (UNIRAC 310110).....	441.15	81.47
Note: Includes four square tubes, four strut inserts, and fasteners for use with mounting rail. Excludes standoffs and L-feet.		
26 31 00 00-0184 EA Ballasted Photovoltaic Module Frame (UNIRAC 310351).....	215.11	
Note: Excludes ballast.		
26 31 00 00-0185 EA Ballasted Photovoltaic Module Frame With Module Mount (UNIRAC 310355).....	403.07	
Note: Excludes ballast.		
26 31 00 00-0186 EA 3" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310051).....	77.15	27.16
26 31 00 00-0187 EA 4" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310052).....	78.21	27.16
26 31 00 00-0188 EA 6" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310053).....	79.19	27.16
26 31 00 00-0189 EA 7" High Galvanized Steel Photovoltaic Module Standoff (UNIRAC 310054).....	81.62	27.16
26 31 00 00-0190 EA 3" High Aluminum Photovoltaic Module Standoff (UNIRAC 310553).....	70.69	27.16
26 31 00 00-0191 EA 4" High Aluminum Photovoltaic Module Standoff (UNIRAC 310554).....	71.93	27.16
26 31 00 00-0192 EA 6" High Aluminum Photovoltaic Module Standoff (UNIRAC 310555).....	75.51	27.16
26 31 00 00-0193 EA 7" High Aluminum Photovoltaic Module Standoff (UNIRAC 310556).....	74.50	27.16
26 31 00 00-0194 EA 3" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310390).....	151.50	40.74
26 31 00 00-0195 EA 4" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310391).....	152.24	40.74
26 31 00 00-0196 EA 7" Photovoltaic Module FastFoot Standoff Assembly (UNIRAC 310394).....	154.43	40.74
26 31 00 00-0197 EA Photovoltaic Module Rapidfoot Standoff Assembly (UNIRAC 310370).....	152.15	40.74
26 31 00 00-0198 EA Photovoltaic Module Standoff Flashing (UNIRAC 310054).....	31.06	5.43
26 31 00 00-0199 EA Photovoltaic Module Standoff Ethylene Propylene Diene Monomer (EPDM) Patch (UNIRAC 990161).....	19.89	5.43
26 31 00 00-0200 EA 1/4" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004030M-0100).....	38.39	8.15
26 31 00 00-0201 EA 3/8" Photovoltaic Module Standing Seam Metal Roof Mounting Block (UNIRAC 004031M-0100).....	40.06	8.15
26 31 00 00-0202 EA Photovoltaic Module Standing Seam Metal Roof Mounting Clamp (UNIRAC 004032M-0100).....	11.33	1.81
Note: Mid or end clamp.		
26 31 00 00-0203 EA Photovoltaic Module Tile Roof Mounting Hook (UNIRAC 905011C-0024).....	52.53	5.43
26 31 00 00-0204 EA Photovoltaic Module Wire Clip (UNIRAC 908002S-0100).....	2.52	

26 32 Packaged Generator Assemblies (26 30)

26 32 13 Engine Generators (26 32)

See CSI section 23 13 23 13-0001 for fuel storage tanks.

26 32 13 13 Diesel-Engine-Driven Generator Sets (26 32 13)

See CSI section 01 22 23 00-0775 for fuel reimbursement for commissioning.

26 32 13 13-0001 Diesel Generator Sets (Cummins) (26 32 13 13)

Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank enclosure, active diesel particulate filter, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0754 for loadbank rental, 01 22 23 00-0775 for fuel reimbursement, 23 13 23 13-0001 for fuel day tank, 26 36 23 00-0000 for automatic transfer switch.

26 32 13 13-0002 EA 25 KW Diesel Generator Set, 3 Phase (Cummins DSKCA).....	31,083.41	957.68
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,867.00	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	11,452.99	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	15,270.65	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	12,392.23	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	17,975.43	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	23,967.23	
26 32 13 13-0003 EA 35 KW Diesel Generator Set, 3 Phase (Cummins DSFAB).....	32,957.04	1,179.14
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,867.00	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	11,452.99	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	15,270.65	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	12,392.23	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	17,975.43	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	23,967.23	
26 32 13 13-0004 EA 40 KW Diesel Generator Set, 3 Phase (Cummins DSFAB).....	33,982.44	1,292.87
For Weather Resistant Steel Diesel Generator Enclosure, Add	4,867.00	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	11,452.99	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	15,270.65	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	12,392.23	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	17,975.43	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	23,967.23	

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0005	EA		50 KW Diesel Generator Set, 3 Phase (Cummins DSFAC).....	39,861.40	1,484.40
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,867.00	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,452.99	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,270.65	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,392.23	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,975.43	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,967.23	
26 32 13 13-0006	EA		60 KW Diesel Generator Set, 3 Phase (Cummins DSFAD).....	42,946.07	1,705.86
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,867.00	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,452.99	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,270.65	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,392.23	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,975.43	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,967.23	
26 32 13 13-0007	EA		80 KW Diesel Generator Set, 3 Phase (Cummins DSFAE).....	50,443.25	1,999.15
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	4,867.00	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	11,452.99	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	15,270.65	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	12,392.23	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	17,975.43	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	23,967.23	
26 32 13 13-0008	EA		100 KW Diesel Generator Set, 3 Phase (Cummins DSGAA).....	54,217.96	2,322.37
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	7,382.21	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	17,510.63	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	23,347.51	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	15,899.45	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	19,114.42	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	25,485.89	
26 32 13 13-0009	EA		125 KW Diesel Generator Set, 3 Phase (Cummins DSGAB).....	55,481.38	2,753.33
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	7,382.21	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	17,510.63	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	23,347.51	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	15,899.45	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	19,114.42	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	25,485.89	
26 32 13 13-0010	EA		150 KW Diesel Generator Set, 3 Phase (Cummins DSGAC).....	61,327.24	3,034.65
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	7,382.21	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	17,510.63	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	23,347.51	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	15,899.45	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	19,114.42	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	25,485.89	
26 32 13 13-0011	EA		175 KW Diesel Generator Set, 3 Phase (Cummins DSHAB).....	64,429.51	3,387.79
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	7,382.21	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	17,510.63	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	23,347.51	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	15,899.45	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	19,114.42	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	25,485.89	
26 32 13 13-0012	EA		200 KW Diesel Generator Set, 3 Phase (Cummins DSHAC).....	68,467.00	3,711.00
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	7,382.21	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	17,510.63	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	23,347.51	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	15,899.45	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	19,114.42	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	25,485.89	
26 32 13 13-0013	EA		230 KW Diesel Generator Set, 3 Phase (Cummins DSHAD).....	73,796.97	3,920.50
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	7,382.21	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	17,510.63	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	23,347.51	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	15,899.45	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	19,114.42	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	25,485.89	
26 32 13 13-0014	EA		250 KW Diesel Generator Set, 3 Phase (Cummins DQDAA).....	76,910.61	4,082.11
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	47,875.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	53,012.01	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	70,682.68	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	58,065.72	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	64,800.39	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	86,400.52	
26 32 13 13-0015	EA		275 KW Diesel Generator Set, 3 Phase (Cummins DQHAA).....	83,683.34	4,303.57
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	47,875.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	53,012.01	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	70,682.68	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	58,065.72	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	64,800.39	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	86,400.52	
26 32 13 13-0016	EA		300 KW Diesel Generator Set, 3 Phase (Cummins DQHAB).....	85,509.06	4,495.11
			<i>For Weather Resistant Steel Diesel Generator Enclosure, Add</i>	47,875.44	
			<i>For Quietsite Level 1 Steel Diesel Generator Enclosure, Add</i>	53,012.01	
			<i>For Quietsite Level 2 Steel Diesel Generator Enclosure, Add</i>	70,682.68	
			<i>For Weather Resistant Aluminum Diesel Generator Enclosure, Add</i>	58,065.72	
			<i>For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add</i>	64,800.39	
			<i>For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add</i>	86,400.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 13-0017 EA 350 KW Diesel Generator Set, 3 Phase (Cummins DFEG).....	96,369.17	5,027.81
For Weather Resistant Steel Diesel Generator Enclosure, Add	47,875.44	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	53,012.01	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	70,682.68	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	58,065.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	64,800.39	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	86,400.52	
26 32 13 13-0018 EA 400 KW Diesel Generator Set, 3 Phase (Cummins DFEH).....	103,736.34	5,506.65
For Weather Resistant Steel Diesel Generator Enclosure, Add	47,875.44	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	53,012.01	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	70,682.68	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	58,065.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	64,800.39	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	86,400.52	
26 32 13 13-0019 EA 450 KW Diesel Generator Set, 3 Phase (Cummins DFEJ).....	117,085.82	5,931.62
For Weather Resistant Steel Diesel Generator Enclosure, Add	47,875.44	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	53,012.01	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	70,682.68	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	58,065.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	64,800.39	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	86,400.52	
26 32 13 13-0020 EA 500 KW Diesel Generator Set, 3 Phase (Cummins DF EK).....	123,137.24	6,320.67
For Weather Resistant Steel Diesel Generator Enclosure, Add	47,875.44	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	53,012.01	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	70,682.68	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	58,065.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	64,800.39	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	86,400.52	
26 32 13 13-0021 EA 600 KW Diesel Generator Set, 3 Phase (Cummins DQCA).....	178,814.98	6,961.12
For Weather Resistant Steel Diesel Generator Enclosure, Add	97,800.74	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	117,774.94	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	157,033.26	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	115,032.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	137,206.03	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	182,941.38	
26 32 13 13-0022 EA 750 KW Diesel Generator Set, 3 Phase (Cummins DQCB).....	204,755.20	7,655.44
For Weather Resistant Steel Diesel Generator Enclosure, Add	97,800.74	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	117,774.94	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	157,033.26	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	115,032.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	137,206.03	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	182,941.38	
26 32 13 13-0023 EA 800 KW Diesel Generator Set, 3 Phase (Cummins DQCC).....	213,805.26	7,823.04
For Weather Resistant Steel Diesel Generator Enclosure, Add	97,800.74	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	117,774.94	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	157,033.26	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	115,032.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	137,206.03	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	182,941.38	
26 32 13 13-0024 EA 900 KW Diesel Generator Set, 3 Phase (Cummins DQFAC).....	260,746.25	8,433.56
For Weather Resistant Steel Diesel Generator Enclosure, Add	97,800.74	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	117,774.94	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	157,033.26	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	115,032.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	137,206.03	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	182,941.38	
26 32 13 13-0025 EA 1,000 KW Diesel Generator Set, 3 Phase (Cummins DQFAD).....	291,301.79	8,978.24
For Weather Resistant Steel Diesel Generator Enclosure, Add	97,800.74	
For Quietsite Level 1 Steel Diesel Generator Enclosure, Add	117,774.94	
For Quietsite Level 2 Steel Diesel Generator Enclosure, Add	157,033.26	
For Weather Resistant Aluminum Diesel Generator Enclosure, Add	115,032.72	
For Quietsite Level 1 Aluminum Diesel Generator Enclosure, Add	137,206.03	
For Quietsite Level 2 Aluminum Diesel Generator Enclosure, Add	182,941.38	

26 32 13 19 Natural Gas-Engine-Driven Generator Sets (26 32 13)

26 32 13 19-0001 Natural Gas Or Propane Generator Sets (Cummins) <small>(26 32 13 19)</small>		
<p>Note: 3 Phase, 4-Wire 480/277 or 208/120 Volt complete with radiator, fuel pump, battery charger, silencer, exhaust flex, indicating and operating controls, electronic governor. Pricing based on installation above grade on concrete pad without enclosure. Includes manufacturer's representative at startup. Excludes fuel, fuel tank, enclosure, utility piping, wiring, automatic transfer switch, loadbank testing and concrete pad. See CSI section 01 22 23 00-0754 for loadbank rental, 01 22 23 00-0775 for fuel reimbursement, 26 36 23 00-0000 for automatic transfer switches.</p>		
26 32 13 19-0002 EA 20 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMA).....	13,229.04	802.06
For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	4,426.61	
For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	11,452.99	
For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	15,270.65	
For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	4,794.35	
For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	7,954.28	
26 32 13 19-0003 EA 25 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMB).....	14,941.38	957.68
For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add	4,426.61	
For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add	11,452.99	
For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add	15,270.65	
For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add	4,794.35	
For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add	7,954.28	

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 32 Packaged Generator Assemblies**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

26 32 13 19-0004	EA	29 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGMC)	17,234.50	1,065.41
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,426.61	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,452.99	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,270.65	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	4,794.35	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	7,954.28	
26 32 13 19-0005	EA	35 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPA)	19,541.09	1,179.14
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,426.61	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,452.99	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,270.65	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,561.30	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0006	EA	40 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPB)	21,921.18	1,292.87
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,426.61	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,452.99	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,270.65	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,561.30	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0007	EA	45 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGPC)	23,752.29	1,394.62
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,426.61	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,452.99	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,270.65	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,561.30	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0008	EA	60 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHE)	26,002.40	1,705.86
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,426.61	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,452.99	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,270.65	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,561.30	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0009	EA	70 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHF)	27,906.51	1,909.38
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	4,426.61	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	11,452.99	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	15,270.65	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	13,561.30	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0010	EA	85 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHG)	36,558.43	2,041.05
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,067.77	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	17,510.63	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	23,347.51	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	15,899.45	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0011	EA	100 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGHH)	44,021.65	2,298.42
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,067.77	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	17,510.63	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	23,347.51	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	15,899.45	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0012	EA	125 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLA)	50,438.47	2,753.33
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,067.77	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	17,510.63	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	23,347.51	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	15,899.45	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0013	EA	150 KW Natural Gas Or Propane Generator Set, 3 Phase (Cummins GGLB)	59,907.20	3,034.65
		<i>For Weather Resistant Steel Natural Gas Or Propane Generator Enclosure, Add</i>	8,067.77	
		<i>For Quietsite Level 1 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	17,510.63	
		<i>For Quietsite Level 2 Steel Natural Gas Or Propane Generator Enclosure, Add</i>	23,347.51	
		<i>For Weather Resistant Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	15,899.45	
		<i>For Quietsite Level 2 Aluminum Natural Gas Or Propane Generator Enclosure, Add</i>	22,761.83	
26 32 13 19-0014	EA	175 KW Natural Gas Generator Set, 3 Phase (Cummins GFBA)	96,681.53	8,071.91
		<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	43,053.85	
		<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	47,659.22	
		<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	63,545.63	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	47,074.11	
		<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	70,639.54	
26 32 13 19-0015	EA	205 KW Natural Gas Generator Set, 3 Phase (Cummins GFBB)	109,723.54	3,645.17
		<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	43,053.85	
		<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	47,659.22	
		<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	63,545.63	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	47,074.11	
		<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	70,639.54	
26 32 13 19-0016	EA	250 KW Natural Gas Generator Set, 3 Phase (Cummins GFBC)	118,002.92	4,082.11
		<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	43,053.85	
		<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	47,659.22	
		<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	63,545.63	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	47,074.11	
		<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	70,639.54	
26 32 13 19-0017	EA	300 KW Natural Gas Generator Set, 3 Phase (Cummins GFEA)	152,497.49	4,495.11
		<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	43,053.85	
		<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	47,659.22	
		<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	63,545.63	
		<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	47,074.11	
		<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	70,639.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 13 19-0018 EA 350 KW Natural Gas Generator Set, 3 Phase (Cummins GFEB).....	163,706.02	5,027.81
<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	43,053.85	
<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	47,659.22	
<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	63,545.63	
<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	47,074.11	
<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	70,639.54	
26 32 13 19-0019 EA 450 KW Natural Gas Generator Set, 3 Phase (Cummins GFGB).....	229,834.68	5,931.62
<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	94,009.74	
<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	99,884.65	
<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	133,179.53	
<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	106,778.79	
<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	150,915.46	
26 32 13 19-0020 EA 500 KW Natural Gas Generator Set, 3 Phase (Cummins GFJB).....	293,826.56	6,320.67
<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	94,009.74	
<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	99,884.65	
<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	133,179.53	
<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	106,778.79	
<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	150,915.46	
26 32 13 19-0021 EA 550 KW Natural Gas Generator Set, 3 Phase (Cummins GFJC).....	328,722.19	6,661.85
<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	94,009.74	
<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	99,884.65	
<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	133,179.53	
<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	106,778.79	
<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	150,915.46	
26 32 13 19-0022 EA 600 KW Natural Gas Generator Set, 3 Phase (Cummins GFLA).....	374,337.68	6,961.12
<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	94,009.74	
<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	99,884.65	
<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	133,179.53	
<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	106,778.79	
<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	150,915.46	
26 32 13 19-0023 EA 650 KW Natural Gas Generator Set, 3 Phase (Cummins GFLB).....	391,397.28	7,224.48
<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	94,009.74	
<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	99,884.65	
<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	133,179.53	
<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	106,778.79	
<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	150,915.46	
26 32 13 19-0024 EA 725 KW Natural Gas Generator Set, 3 Phase (Cummins GFLC).....	413,988.75	7,721.28
<i>For Weather Resistant Steel Natural Gas Generator Enclosure, Add</i>	94,009.74	
<i>For Quietsite Level 1 Steel Natural Gas Generator Enclosure, Add</i>	99,884.65	
<i>For Quietsite Level 2 Steel Natural Gas Generator Enclosure, Add</i>	133,179.53	
<i>For Weather Resistant Aluminum Natural Gas Generator Enclosure, Add</i>	106,778.79	
<i>For Quietsite Level 2 Aluminum Natural Gas Generator Enclosure, Add</i>	150,915.46	
26 32 13 19-0025 Small Natural Gas Or Propane Air Cooled Generator Sets <small>(26 32 13 19)</small>		
26 32 13 19-0026 EA 7.5 KW Natural Gas Or Propane Air Cooled Generator Set.....	4,455.68	503.47
Note: Includes weatherproof composite enclosure and 100 A automatic transfer switch.		
26 32 13 19-0027 EA 10 KW Natural Gas Or Propane Air Cooled Generator Set.....	5,619.11	559.41
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 13 19-0028 EA 14 KW Natural Gas Or Propane Air Cooled Generator Set.....	6,481.05	615.35
Note: Includes weatherproof composite enclosure and 200 A automatic transfer switch.		
26 32 29 Rotary Converters <small>(26 32)</small>		
26 32 29 00-0001 60 Hz AC Input 230 Or 460 Volt, 125 Volt DC Output <small>(26 32 29)</small>		
26 32 29 00-0002 EA 3 KW, 24 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	9,563.97	217.26
26 32 29 00-0003 EA 5 KW, 40 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	11,663.98	217.26
26 32 29 00-0004 EA 7.5 KW, 60 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	15,473.02	217.26
26 32 29 00-0005 EA 10 KW, 80 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	15,595.26	217.26
26 32 29 00-0006 EA 15 KW, 120 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	17,302.35	271.57
26 32 29 00-0007 EA 20 KW, 160 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	18,745.25	271.57
26 32 29 00-0008 EA 25 KW, 200 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	19,632.55	271.57
26 32 29 00-0009 EA 40 KW, 320 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	23,897.67	358.47
26 32 29 00-0010 EA 50 KW, 400 Amperes, 125 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	26,572.68	358.47
26 32 29 00-0011 60 Hz AC Input, 230 Or 460 Volt, 250 Volts DC Output <small>(26 32 29)</small>		
26 32 29 00-0012 EA 3 KW, 12 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	11,084.27	217.26
26 32 29 00-0013 EA 5 KW, 20 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	13,230.35	217.26
26 32 29 00-0014 EA 7.5 KW, 30 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	15,142.24	217.26
26 32 29 00-0015 EA 10 KW, 40 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	15,564.24	217.26
26 32 29 00-0016 EA 15 KW, 60 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	17,621.61	271.57
26 32 29 00-0017 EA 20 KW, 80 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	19,387.92	271.57
26 32 29 00-0018 EA 25 KW, 100 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	20,030.59	271.57
26 32 29 00-0019 EA 40 KW, 160 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	23,802.31	358.47
26 32 29 00-0020 EA 50 KW, 200 Amperes, 250 Volt DC, Rectifier 230 Or 460 AC To DC Conversion.....	25,257.65	358.47
26 32 29 00-0021 460 Volt 3 Phase AC Motor Drive 250 Volt DC <small>(26 32 29)</small>		
26 32 29 00-0022 EA 33 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	26,896.61	4,189.85
26 32 29 00-0023 EA 40 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	29,720.39	4,189.85
26 32 29 00-0024 EA 50 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	33,747.71	5,985.48
26 32 29 00-0025 EA 65 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	39,505.89	5,985.48
26 32 29 00-0026 EA 85 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion.....	44,942.66	5,985.48

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 32 Packaged Generator Assemblies**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 32 29 00-0027	EA		100 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	52,599.36	8,978.24
26 32 29 00-0028	EA		125 KW, 460 Volt AC Drive Motor To 250 Volt DC, AC To DC Electrical Conversion	63,556.97	8,978.24
26 32 29 00-0029			4,160 Volt 3 Phase AC Motor Drive 250 Or 500 Volt DC <small>(26 32 29)</small>		
26 32 29 00-0030	EA		170 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	93,942.79	11,970.98
26 32 29 00-0031	EA		200 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	102,320.32	11,970.98
26 32 29 00-0032	EA		240 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	123,155.83	15,562.27
26 32 29 00-0033	EA		320 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	139,918.42	18,914.15
26 32 29 00-0034	EA		400 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	165,976.85	18,914.15
26 32 29 00-0035	EA		560 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	235,683.55	28,251.51
26 32 29 00-0036	EA		640 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	243,428.60	28,251.51
26 32 29 00-0037	EA		800 KW, 4,160 Volt AC Drive Motor - 250 Volt DC, AC To DC Electrical Conversion	280,599.03	32,920.20

26 33 Battery Equipment (26 30)**26 33 13 Batteries** (26 33)**26 33 13 00-0001 Standby Batteries** (26 33 13)

26 33 13 00-0002	EA		12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery	1,171.36	27.21
26 33 13 00-0003	EA		12 Volt, 100 Ampere Hours To 10.5 Volt Capacity, 6-Cell, Valve Regulated Lead-Calcium, Standby Battery With Steel Jacket	1,266.01	27.21
26 33 13 00-0004	EA		725CCA, Group 31, 12 Volt Lead Calcium Standby Battery	361.54	27.21
26 33 13 00-0005	EA		810CCA, Group 24, 12 Volt Lead Calcium Standby Battery	327.76	27.21
26 33 13 00-0006	EA		1080CCA, Group 4D, 12 Volt Lead Calcium Standby Battery	568.62	27.21
26 33 13 00-0007	EA		1400CCA, Group 8D, 12 Volt Lead Calcium Standby Battery	661.95	27.21

26 33 43 Battery Chargers (26 33)**26 33 43 00-0001 Solid State Chargers, Single Phase** (26 33 43)

Note: Includes wall bracket, 10' of DC charging cable and standard connector, 208/240/480 V.

26 33 43 00-0002	EA		Solid State Battery Charger, 6 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,207.01	620.24
26 33 43 00-0003	EA		Solid State Battery Charger, 9 Cell Single Phase With Wall Bracket, 208/240/480 Volt	3,758.05	620.24
26 33 43 00-0004	EA		Solid State Battery Charger, 12 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,139.48	620.24
26 33 43 00-0005	EA		Solid State Battery Charger, 18 Cell Single Phase With Wall Bracket, 208/240/480 Volt	4,372.64	734.36

26 33 53 Static Uninterruptible Power Supply (26 33)**26 33 53 00-0001 Single Phase, Uninterruptible Power Supply Systems (UPS)** (26 33 53)**26 33 53 00-0002 Single Phase, Uninterruptible Power Supply Systems (UPS)** (26 33 53 00-0001)**26 33 53 00-0003 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS)** (26 33 53 00-0002)

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0004	EA		0.5 kVA, 450 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-500RT120)	1,106.50	107.55
			Note: Includes 12 minutes of battery backup at full load.		
26 33 53 00-0005	EA		0.7 kVA, 630 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT120)	1,322.60	125.47
			Note: Includes 6 minutes of battery backup at full load.		
26 33 53 00-0006	EA		1 kVA, 900 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT120)	1,633.49	143.39
			Note: Includes 5 minutes of battery backup at full load.		
26 33 53 00-0007	EA		1.5 kVA, 1,350 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT120)	1,999.51	161.32
			Note: Includes 5 minutes of battery backup at full load.		
26 33 53 00-0008	EA		2 kVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT120)	2,573.85	179.24
			Note: Includes 4 minutes of battery backup at full load.		
26 33 53 00-0009	EA		3 kVA, 2,700 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT120)	4,166.81	215.08
			Note: Includes 4 minutes of battery backup at full load.		

26 33 53 00-0010 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002)

Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

26 33 53 00-0011	EA		3 kVA, 2,700 Watt, 208 Volt AC Output, 208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT208)	4,088.94	215.08
			Note: Includes 4 minutes of battery backup at full load.		

26 33 53 00-0012 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (26 33 53 00-0002)

Note: Rack mount or tower configuration. Includes 50 or 60 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0013 EA 5 KVA, 4,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT208) Note: Includes 5 minutes of battery backup at full load.	6,320.73	286.78
26 33 53 00-0014 EA 6 KVA, 4,800 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT208) Note: Includes 4 minutes of battery backup at full load.	6,909.58	322.63
26 33 53 00-0015 EA 8 KVA, 7,200 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-8000RT208) Note: Includes 7 minutes of battery backup at full load.	10,357.51	394.32
26 33 53 00-0016 EA 10 KVA, 9,000 Watt, 120/208 Volt AC Output, 120/208 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT208) Note: Includes 4-1/2 minutes of battery backup at full load.	11,912.83	430.17
26 33 53 00-0017 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) <small>(26 33 53 00-0002)</small> Note: Rack mount or tower configuration. Includes 40 or 70 Hertz automatic frequency detection, internal automatic and manual bypass switch and self diagnostics.		
26 33 53 00-0018 EA 0.7 KVA, 630 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-700RT230) Note: Includes 11 minutes of battery backup at full load.	1,322.60	125.47
26 33 53 00-0019 EA 1 KVA, 900 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1000RT230) Note: Includes 6 minutes of battery backup at full load.	1,633.49	143.39
26 33 53 00-0020 EA 1.5 KVA, 1,350 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-1500RT230) Note: Includes 4 minutes of battery backup at full load.	2,022.51	161.32
26 33 53 00-0021 EA 2 KVA, 1,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-2000RT230) Note: Includes 4 minutes of battery backup at full load.	2,579.40	179.24
26 33 53 00-0022 EA 3 KVA, 2,700 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-3000RT230) Note: Includes 4 minutes of battery backup at full load.	4,184.09	215.08
26 33 53 00-0023 EA 5 KVA, 4,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-5000RT230) Note: Includes 9 minutes of battery backup at full load.	6,060.68	286.78
26 33 53 00-0024 EA 6 KVA, 4,800 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-6000RT230) Note: Includes 6 minutes of battery backup at full load.	7,450.24	322.63
26 33 53 00-0025 EA 10 KVA, 9,000 Watt, 230 Volt AC Output, 230 Volt AC Input, Single Phase, On-Line, Uninterruptible Power Supply (UPS) (Liebert® GXT3-10000RT230) Note: Includes 3 minutes of battery backup at full load.	11,541.08	430.17
26 33 53 00-0026 Optional Accessories For Single Phase, Uninterruptible Power Supply Systems <small>(26 33 53 00-0001)</small>		
26 33 53 00-0027 EA External Battery Cabinet For 0.5 To 2 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-48VBATT) Note: Rack mount or tower configuration.	748.47	32.59
26 33 53 00-0028 EA External Battery Cabinet For 3 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-72VBATT) Note: Rack mount or tower configuration.	982.39	32.59
26 33 53 00-0029 EA External Battery Cabinet For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATT) Note: Rack mount or tower configuration.	956.35	32.59
26 33 53 00-0030 EA External Battery Cabinet For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTVBATT) Note: Rack mount or tower configuration.	647.70	32.59
26 33 53 00-0031 EA Internal Replacement Battery For 5 To 6 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-144VBATKIT) Note: Rack mount or tower configuration.	935.40	107.55
26 33 53 00-0032 EA Internal Replacement Battery For 8 To 10 KVA Single Phase, Uninterruptible Power Supply Systems (Liebert® GXT3-288RTBKIT) Note: Rack mount or tower configuration.	1,044.03	143.39
26 33 53 00-0033 Three Phase, Uninterruptible Power Supply Systems (UPS) <small>(26 33 53)</small>		
26 33 53 00-0034 208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) With Internal Battery <small>(26 33 53 00-0033)</small> Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.		
26 33 53 00-0035 EA 10 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.	40,761.89	430.17
26 33 53 00-0036 EA 15 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.	45,104.11	573.55
26 33 53 00-0037 EA 20 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.	50,399.43	716.95
26 33 53 00-0038 EA 30 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.	54,646.34	860.34
26 33 53 00-0039 EA 40 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System With Internal Battery (Emerson eXM UPS) Note: Includes start-up, 60 Hz frequency, bypass switch and diagnostics.	65,755.58	1,003.73
26 33 53 00-0040 208 Volt AC Output, 120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery <small>(26 33 53 00-0033)</small> Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 33 Battery Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 33 53 00-0041 EA 60 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	89,142.33	1,710.90
26 33 53 00-0042 EA 80 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	96,844.44	2,118.25
26 33 53 00-0043 EA 100 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	107,080.48	2,471.30
26 33 53 00-0044 EA 120 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	132,308.91	2,797.19
26 33 53 00-0045 EA 140 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	137,302.91	3,123.07
26 33 53 00-0046 EA 160 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	142,748.89	3,448.96
26 33 53 00-0047 EA 180 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	149,338.60	3,774.84
26 33 53 00-0048 EA 200 kVA, 208/120 Volt AC Output, 208-120 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	155,928.31	4,100.72
26 33 53 00-0049 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply (UPS) Without Internal Battery (26 33 53 00-0033) Note: Excludes Internal Battery See CSI section 26 33 53 00-0055 for batteries.		
26 33 53 00-0050 EA 50 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	83,234.66	1,412.17
26 33 53 00-0051 EA 100 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	107,652.34	2,482.16
26 33 53 00-0052 EA 150 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	147,271.02	2,867.79
26 33 53 00-0053 EA 200 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	173,547.86	3,150.23
26 33 53 00-0054 EA 250 kVA, 480 Volt AC Output, 480 Volt AC Input, Three Phase, On-Line, Uninterruptible Power Supply System Without Internal Battery (Emerson eXM UPS).....	203,065.24	3,476.11
26 33 53 00-0055 Optional Accessories For Three Phase, Uninterruptible Power Supply Systems (26 33 53 00-0033)		
26 33 53 00-0056 EA Programmable Relay Board For Three Phase Uninterruptible Power Supply Systems.....	662.65	54.31
26 33 53 00-0057 EA Network Interface Card For Three Phase Uninterruptible Power Supply Systems.....	1,073.06	54.31
26 33 53 00-0058 EA Remote Status Panel With 100' Of Cable For Three Phase Uninterruptible Power Supply Systems.....	2,037.67	108.63
26 33 53 00-0059 EA Slim Line Distribution Panel With Two 42 Pole Panels For Three Phase Uninterruptible Power Supply Systems.....	6,303.60	434.51
26 33 53 00-0060 EA 12 Volt, 491 Watt, 3 Phase, 134 Ampere Hours, Battery For Uninterruptible Power Supply Systems (C&D UPS12-490MR).....	619.30	54.31
26 33 53 00-0061 EA 12 Volt, 204 Watt, 3 Phase, 55 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX200).....	336.52	54.31
26 33 53 00-0062 EA 12 Volt, 257 Watt, 3 Phase, 65 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX250).....	377.78	54.31
26 33 53 00-0063 EA 12 Volt, 311 Watt, 3 Phase, 75 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX300).....	419.04	54.31
26 33 53 00-0064 EA 12 Volt, 374 Watt, 3 Phase, 90 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX350).....	493.32	54.31
26 33 53 00-0065 EA 12 Volt, 415 Watt, 3 Phase, 100 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX400).....	518.08	54.31
26 33 53 00-0066 EA 12 Volt, 493 Watt, 3 Phase, 135 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX500).....	646.00	54.31
26 33 53 00-0067 EA 12 Volt, 540 Watt, 3 Phase, 150 Ampere Hours, Battery For Uninterruptible Power Supply Systems (Fiamm 12FLX540).....	676.94	54.31
26 33 53 00-0068 Other Uninterruptable Power Supply Equipment (26 33 53)		
26 33 53 00-0069 EA Uninterrupted Power Supply Slim-Line Distribution Panel 42 Pole GE Plug-In.....	6,073.99	99.24
26 33 53 00-0070 EA Uninterrupted Power Supply Slim-Line Distribution Panel 84 Pole GE Plug-In.....	7,285.49	198.47
26 33 53 00-0071 EA 1 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	30.13	5.96
26 33 53 00-0072 EA 2 Pole, 15 To 40 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	55.40	7.44
26 33 53 00-0073 EA 2 Pole, 50 To 80 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	106.05	7.44
26 33 53 00-0074 EA 3 Pole, 15 To 60 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	155.59	9.93
26 33 53 00-0075 EA 3 Pole, 70 To 100 Amperes, GE Plug-In Breakers For UPS Distribution Panel.....	222.45	9.93
26 33 53 00-0076 EA Uninterrupted Power Supply Remote Status Panel.....	4,149.25	99.24
26 33 53 00-0077 EA Uninterrupted Power Supply Remote Contact Board.....	1,364.46	74.43
26 35 Power Filters and Conditioners (26 30)		
26 35 33 Power Factor Correction Equipment (26 35)		
26 35 33 16 Low-Voltage Power Factor Correction Equipment (26 35 33)		
26 35 33 16-0001 Power Factor Correction Capacitors (26 35 33 16)		
26 35 33 16-0002 EA Power Factor Correction Capacitors, 2.0 KVAC.....	735.45	
26 35 33 16-0003 EA Power Factor Correction Capacitors, 3.0 KVAC.....	814.53	
26 35 33 16-0004 EA Power Factor Correction Capacitors, 4.0 KVAC.....	893.61	
26 35 33 16-0005 EA Power Factor Correction Capacitors, 5.0 KVAC.....	969.53	
26 35 33 16-0006 EA Power Factor Correction Capacitors, 7.5 KVAC.....	1,190.95	
26 35 33 16-0007 EA Power Factor Correction Capacitors, 10.0 KVAC.....	1,455.08	
26 35 33 16-0008 EA Power Factor Correction Capacitors, 15.0 KVAC.....	2,247.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 35 33 16-0009 EA Power Factor Correction Capacitors, 20.0 KVAC	2,729.86	
26 35 33 16-0010 EA Power Factor Correction Capacitors, 25.0 KVAC	3,526.99	
26 35 33 16-0011 EA Power Factor Correction Capacitors, 30.0 KVAC	4,010.96	
26 35 33 16-0012 EA Power Factor Correction Capacitors, 50.0 KVAC	7,038.17	
26 35 33 16-0013 EA Power Factor Correction Capacitors, 75.0 KVAC	10,582.55	
26 35 33 16-0014 EA Power Factor Correction Capacitors, 100.0 KVAC	14,111.13	
26 35 33 16-0015 EA Power Factor Correction Capacitors, Fuse Kit.....	654.79	
26 35 43 Static-Frequency Converters (26 35)		
26 35 43 00-0001 Rotary Phase Converter With NEMA 1 Indoor Enclosure (26 35 43)		
26 35 43 00-0002 EA 750 Watt Output Rotary Phase Converter With NEMA 1 Enclosure.....	679.82	108.63
26 35 43 00-0003 EA 2 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,192.86	130.35
26 35 43 00-0004 EA 3 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,366.40	173.81
26 35 43 00-0005 EA 5 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	1,879.05	217.26
26 35 43 00-0006 EA 7 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	2,592.08	282.44
26 35 43 00-0007 EA 11 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	3,353.66	347.61
26 35 43 00-0008 EA 15 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	4,212.36	412.79
26 35 43 00-0009 EA 21 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	5,146.43	467.10
26 35 43 00-0010 EA 29 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	5,973.20	564.87
26 35 43 00-0011 EA 36 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	6,842.75	635.48
26 35 43 00-0012 EA 44 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	7,712.31	706.08
26 35 43 00-0013 EA 55 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	9,583.68	852.73
26 35 43 00-0014 EA 74 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	12,480.48	1,026.54
26 35 43 00-0015 EA 87 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	15,839.21	1,249.23
26 35 43 00-0016 EA 110 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	18,107.99	1,461.05
26 35 43 00-0017 EA 125 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	23,397.47	1,629.43
26 35 43 00-0018 EA 165 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	35,970.99	1,846.68
26 35 43 00-0019 EA 220 KW Output Rotary Phase Converter With NEMA 1 Enclosure.....	53,885.67	2,063.94
26 35 53 Voltage Regulators (26 35)		
26 35 53 00-0001 Voltage Regulators, 480/277 Or 208/120 Volt, 3 Phase (26 35 53)		
Note: For diesel motor generator sets mounted in switchgear cabinet.		
26 35 53 00-0002 EA 50 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear.....	6,757.44	1,727.19
26 35 53 00-0003 EA 75 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear.....	7,656.24	2,172.57
26 35 53 00-0004 EA 100 KVA Volt Regulator For Diesel M-G 480/277 Or 208/120 Volt, 3 Phase In Switchgear.....	8,483.89	2,585.36
26 36 Transfer Switches (26 30)		
26 36 13 Manual Transfer Switches (26 36)		
26 36 13 00-0001 Fused Manual Transfer Switches (26 36 13)		
26 36 13 00-0002 EA 30 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,327.56	190.10
26 36 13 00-0003 EA 60 Amperes, Manual Transfer Switch, Fused, 3 Pole, 480 Volt.....	1,542.74	236.16
26 36 13 00-0004 Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 13)		
26 36 13 00-0005 EA 40 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT40).....	3,593.17	279.70
For NEMA 3R Enclosure, Add	1,193.86	
For NEMA 12 Enclosure, Add	1,123.62	
26 36 13 00-0006 EA 70 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT70).....	3,967.74	335.65
For NEMA 3R Enclosure, Add	1,193.86	
For NEMA 12 Enclosure, Add	1,123.62	
26 36 13 00-0007 EA 125 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT125).....	4,498.11	391.59
For NEMA 3R Enclosure, Add	1,193.86	
For NEMA 12 Enclosure, Add	1,123.62	
26 36 13 00-0008 EA 150 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT150).....	5,604.98	447.53
For NEMA 3R Enclosure, Add	1,404.54	
For NEMA 12 Enclosure, Add	1,123.62	
26 36 13 00-0009 EA 225 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT225).....	6,963.71	503.47
For NEMA 3R Enclosure, Add	1,404.54	
For NEMA 12 Enclosure, Add	1,123.62	
26 36 13 00-0010 EA 260 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT260).....	7,832.74	559.41
For NEMA 3R Enclosure, Add	1,404.54	
For NEMA 12 Enclosure, Add	1,123.62	
26 36 13 00-0011 EA 300 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT300).....	8,715.94	615.35
For NEMA 3R Enclosure, Add	1,657.35	
For NEMA 12 Enclosure, Add	1,404.54	
26 36 13 00-0012 EA 400 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT400).....	10,259.72	671.30
For NEMA 3R Enclosure, Add	1,657.35	
For NEMA 12 Enclosure, Add	1,404.54	
26 36 13 00-0013 EA 600 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT600).....	13,594.35	839.12
For NEMA 3R Enclosure, Add	1,657.35	
For NEMA 12 Enclosure, Add	1,404.54	
26 36 13 00-0014 EA 800 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT800).....	15,261.45	1,006.95
For NEMA 3R Enclosure, Add	2,036.56	
For NEMA 12 Enclosure, Add	1,966.35	
26 36 13 00-0015 EA 1,000 Amperes, Non-Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OT1000).....	20,342.87	1,436.52
For NEMA 3R Enclosure, Add	2,036.56	
For NEMA 12 Enclosure, Add	1,966.35	

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 36 Transfer Switches**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
26 36 23 Automatic Transfer Switches (26 36)

26 36 23 00-0001	EA	Automatic Transfer Switch (26 36 23)		
26 36 23 00-0002	EA	Automatic Transfer Switch, 2 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23 00-0001) Note: Programmable, 120/240 volt single phase, 3 wire.		
26 36 23 00-0003	EA	100 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	3,173.66	391.59
26 36 23 00-0004	EA	225 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	4,332.85	503.47
26 36 23 00-0005	EA	400 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	6,955.07	671.30
26 36 23 00-0006	EA	600 Amperes, Automatic Transfer Switch, 120/240 Volt, NEMA 1, 2 Pole Circuit Breaker, Programmable, 3 Wire	11,443.97	839.12
26 36 23 00-0007	EA	Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23 00-0001)		
26 36 23 00-0008	EA	40 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC40)	5,429.39	279.70
		For NEMA 3R Enclosure, Add	1,193.86	
		For NEMA 4 Enclosure, Add	1,264.08	
		For NEMA 12 Enclosure, Add	1,264.08	
26 36 23 00-0009	EA	70 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC70)	6,261.07	335.65
		For NEMA 3R Enclosure, Add	1,193.86	
		For NEMA 4 Enclosure, Add	1,264.08	
		For NEMA 12 Enclosure, Add	1,264.08	
26 36 23 00-0010	EA	125 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC125)	6,869.99	391.59
		For NEMA 3R Enclosure, Add	1,193.86	
		For NEMA 4 Enclosure, Add	1,264.08	
		For NEMA 12 Enclosure, Add	1,264.08	
26 36 23 00-0011	EA	150 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC150)	8,183.27	447.53
		For NEMA 3R Enclosure, Add	1,404.54	
		For NEMA 4 Enclosure, Add	1,825.89	
		For NEMA 12 Enclosure, Add	1,264.08	
26 36 23 00-0012	EA	225 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC225)	9,348.48	503.47
		For NEMA 3R Enclosure, Add	1,404.54	
		For NEMA 4 Enclosure, Add	1,825.89	
		For NEMA 12 Enclosure, Add	1,264.08	
26 36 23 00-0013	EA	260 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC260)	10,314.08	559.41
		For NEMA 3R Enclosure, Add	1,404.54	
		For NEMA 4 Enclosure, Add	1,825.89	
		For NEMA 12 Enclosure, Add	1,264.08	
26 36 23 00-0014	EA	300 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC300)	10,759.47	615.35
		For NEMA 3R Enclosure, Add	1,657.35	
		For NEMA 4 Enclosure, Add	1,966.35	
		For NEMA 12 Enclosure, Add	1,404.54	
26 36 23 00-0015	EA	400 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC400)	12,182.21	671.30
		For NEMA 3R Enclosure, Add	1,657.35	
		For NEMA 4 Enclosure, Add	1,966.35	
		For NEMA 12 Enclosure, Add	1,404.54	
26 36 23 00-0016	EA	600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC600)	16,741.41	839.12
		For NEMA 3R Enclosure, Add	1,657.35	
		For NEMA 4 Enclosure, Add	1,966.35	
		For NEMA 12 Enclosure, Add	1,404.54	
26 36 23 00-0017	EA	800 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC800)	18,736.87	1,006.95
		For NEMA 3R Enclosure, Add	2,036.56	
		For NEMA 4 Enclosure, Add	2,247.26	
		For NEMA 12 Enclosure, Add	1,966.35	
26 36 23 00-0018	EA	1,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1000)	24,405.46	1,436.52
		For NEMA 3R Enclosure, Add	2,036.56	
		For NEMA 4 Enclosure, Add	2,247.26	
		For NEMA 12 Enclosure, Add	1,966.35	
26 36 23 00-0019	EA	1,200 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1200)	31,845.37	1,556.22
		For NEMA 3R Enclosure, Add	4,494.50	
		For NEMA 4 Enclosure, Add	2,528.16	
		For NEMA 12 Enclosure, Add	2,106.80	
26 36 23 00-0020	EA	1,600 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC1600)	33,875.87	1,795.65
		For NEMA 3R Enclosure, Add	7,303.55	
		For NEMA 4 Enclosure, Add	8,988.98	
		For NEMA 12 Enclosure, Add	7,303.55	
26 36 23 00-0021	EA	2,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC2000)	38,742.85	2,035.07
		For NEMA 3R Enclosure, Add	7,303.55	
		For NEMA 4 Enclosure, Add	8,988.98	
		For NEMA 12 Enclosure, Add	7,303.55	
26 36 23 00-0022	EA	3,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC3000)	46,760.46	2,513.91
		For NEMA 3R Enclosure, Add	7,303.55	
26 36 23 00-0023	EA	4,000 Amperes, Automatic Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPC4000)	81,922.47	2,992.74
		For NEMA 3R Enclosure, Add	13,539.65	
26 36 23 00-0024	EA	Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23 00-0001)		
26 36 23 00-0025	EA	150 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC150)	26,574.38	2,125.78
		For NEMA 3R Enclosure, Add	2,457.94	
		For NEMA 4 Enclosure, Add	2,528.16	
		For NEMA 12 Enclosure, Add	1,334.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0026 EA 225 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC225).....	27,728.09	2,237.66
<i>For NEMA 3R Enclosure, Add</i>	2,457.94	
<i>For NEMA 4 Enclosure, Add</i>	2,528.16	
<i>For NEMA 12 Enclosure, Add</i>	1,334.32	
26 36 23 00-0027 EA 260 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC260).....	29,064.47	2,349.54
<i>For NEMA 3R Enclosure, Add</i>	2,457.94	
<i>For NEMA 4 Enclosure, Add</i>	2,528.16	
<i>For NEMA 12 Enclosure, Add</i>	1,334.32	
26 36 23 00-0028 EA 300 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC300).....	32,587.09	2,405.48
<i>For NEMA 3R Enclosure, Add</i>	2,457.94	
<i>For NEMA 4 Enclosure, Add</i>	2,528.16	
<i>For NEMA 12 Enclosure, Add</i>	1,334.32	
26 36 23 00-0029 EA 400 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC400).....	37,825.34	2,461.42
<i>For NEMA 3R Enclosure, Add</i>	2,457.94	
<i>For NEMA 4 Enclosure, Add</i>	2,528.16	
<i>For NEMA 12 Enclosure, Add</i>	1,334.32	
26 36 23 00-0030 EA 600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC600).....	45,678.22	2,573.31
<i>For NEMA 3R Enclosure, Add</i>	2,457.94	
<i>For NEMA 4 Enclosure, Add</i>	2,528.16	
<i>For NEMA 12 Enclosure, Add</i>	1,404.54	
26 36 23 00-0031 EA 800 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC800).....	50,459.68	2,685.19
<i>For NEMA 3R Enclosure, Add</i>	2,528.16	
<i>For NEMA 4 Enclosure, Add</i>	2,528.16	
<i>For NEMA 12 Enclosure, Add</i>	1,544.99	
26 36 23 00-0032 EA 1,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1000).....	63,567.66	3,132.72
<i>For NEMA 3R Enclosure, Add</i>	2,528.16	
<i>For NEMA 4 Enclosure, Add</i>	2,528.16	
<i>For NEMA 12 Enclosure, Add</i>	1,544.99	
26 36 23 00-0033 EA 1,200 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1200).....	83,894.93	3,591.29
<i>For NEMA 3R Enclosure, Add</i>	11,236.23	
<i>For NEMA 4 Enclosure, Add</i>	14,045.28	
<i>For NEMA 12 Enclosure, Add</i>	11,236.23	
26 36 23 00-0034 EA 1,600 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC1600).....	109,989.26	3,830.72
<i>For NEMA 3R Enclosure, Add</i>	23,876.97	
<i>For NEMA 4 Enclosure, Add</i>	23,876.97	
<i>For NEMA 12 Enclosure, Add</i>	22,247.72	
26 36 23 00-0035 EA 2,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC2000).....	124,989.02	4,189.85
<i>For NEMA 3R Enclosure, Add</i>	23,876.97	
<i>For NEMA 4 Enclosure, Add</i>	23,876.97	
<i>For NEMA 12 Enclosure, Add</i>	22,247.72	
26 36 23 00-0036 EA 3,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC3000).....	201,100.74	4,788.39
<i>For NEMA 3R Enclosure, Add</i>	29,495.07	
26 36 23 00-0037 EA 4,000 Amperes, Bypass Isolation Transfer Switch, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins BTPC4000).....	216,929.74	5,386.94
<i>For NEMA 3R Enclosure, Add</i>	29,495.07	
26 36 23 00-0038 Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (26 36 23 00-0001)		
26 36 23 00-0039 EA 40 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE40).....	8,973.05	279.70
<i>For NEMA 3R Enclosure, Add</i>	702.27	
<i>For NEMA 12 Enclosure, Add</i>	1,264.08	
26 36 23 00-0040 EA 70 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE70).....	9,682.42	335.65
<i>For NEMA 3R Enclosure, Add</i>	702.27	
<i>For NEMA 12 Enclosure, Add</i>	1,264.08	
26 36 23 00-0041 EA 125 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE125).....	10,390.49	391.59
<i>For NEMA 3R Enclosure, Add</i>	702.27	
<i>For NEMA 12 Enclosure, Add</i>	1,264.08	
26 36 23 00-0042 EA 150 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE150).....	12,493.10	447.53
<i>For Four Pole Circuit Breaker, Add</i>	3,511.32	
<i>For NEMA 3R Enclosure, Add</i>	702.27	
<i>For NEMA 12 Enclosure, Add</i>	1,264.08	
26 36 23 00-0043 EA 225 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE225).....	16,318.63	503.47
<i>For Four Pole Circuit Breaker, Add</i>	3,511.32	
<i>For NEMA 3R Enclosure, Add</i>	702.27	
<i>For NEMA 12 Enclosure, Add</i>	1,264.08	
26 36 23 00-0044 EA 250 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE250).....	17,358.92	559.41
<i>For Four Pole Circuit Breaker, Add</i>	3,511.32	
<i>For NEMA 3R Enclosure, Add</i>	702.27	
<i>For NEMA 12 Enclosure, Add</i>	1,264.08	
26 36 23 00-0045 EA 300 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE300).....	18,030.95	615.35
<i>For Four Pole Circuit Breaker, Add</i>	4,775.40	
<i>For NEMA 3R Enclosure, Add</i>	1,825.89	
<i>For NEMA 12 Enclosure, Add</i>	1,404.54	

26 Electrical**26 30 Facility Electrical Power Generating and Storing Equipment****26 36 Transfer Switches**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 36 23 00-0046	EA		400 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE400).....	20,420.72	671.30
			For Four Pole Circuit Breaker, Add	4,775.40	
			For NEMA 3R Enclosure, Add	1,825.89	
			For NEMA 12 Enclosure, Add	1,404.54	
26 36 23 00-0047	EA		600 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE600).....	24,762.31	839.12
			For Four Pole Circuit Breaker, Add	4,775.40	
			For NEMA 3R Enclosure, Add	1,825.89	
			For NEMA 12 Enclosure, Add	1,404.54	
26 36 23 00-0048	EA		800 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE800).....	25,710.88	1,006.95
			For Four Pole Circuit Breaker, Add	6,811.96	
			For NEMA 3R Enclosure, Add	3,146.15	
			For NEMA 12 Enclosure, Add	1,966.35	
26 36 23 00-0049	EA		1,000 Amperes, Automatic Transfer Switch/Service Entrance, 3 Pole Circuit Breaker, NEMA 1 Enclosure (Cummins OTPCSE1000).....	30,431.76	1,436.52
			For Four Pole Circuit Breaker, Add	6,811.96	
			For NEMA 3R Enclosure, Add	3,146.15	
			For NEMA 12 Enclosure, Add	1,966.35	
26 36 23 00-0050			Accessories <small>(26 36 23)</small>		
26 36 23 00-0051	EA		Auxiliary Contacts For Automatic Transfer Switch.....	325.86	
26 36 23 00-0052	EA		Battery Charger For Automatic Transfer Switch.....	2,668.61	
26 36 23 00-0053	EA		Elevator Relay Signal For Automatic Transfer Switch.....	969.13	

26 40 Electrical And Cathodic Protection (26)**26 43 Surge Protective Devices** (26 40)**26 43 13 Surge Protective Devices for Low-Voltage Electrical Power Circuits** (26 43)

26 43 13 00-0001			25 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0002	EA		120/240 Volt AC Single Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	226.91	27.16
26 43 13 00-0003	EA		208 Volt AC Three Phase, 3 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	244.42	27.16
26 43 13 00-0004	EA		240/120 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	255.29	32.59
26 43 13 00-0005	EA		277 Volt AC Single Phase, 2 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	211.04	21.72
26 43 13 00-0006	EA		480/277 Volt AC Three Phase, 4 Wire 25 kA Low Exposure Transient Voltage Surge Suppressor.....	255.29	32.59
26 43 13 00-0007			50 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0008	EA		120/240 Volt AC Single Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	313.20	27.16
26 43 13 00-0009	EA		208/120 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	334.08	32.59
26 43 13 00-0010	EA		208 Volt AC Three Phase, 3 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	323.21	27.16
26 43 13 00-0011	EA		480/277 Volt AC Three Phase, 4 Wire 50 kA Low Exposure Transient Voltage Surge Suppressor.....	334.08	32.59
26 43 13 00-0012			100 kA Low Exposure (14 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPL		
26 43 13 00-0013	EA		120/240 Volt AC Single Phase, 3 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	378.24	27.16
26 43 13 00-0014	EA		208/120 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	399.12	32.59
26 43 13 00-0015	EA		208 Volt AC Single Phase, 2 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	352.37	21.72
26 43 13 00-0016	EA		480/277 Volt AC Three Phase, 4 Wire 100 kA Low Exposure Transient Voltage Surge Suppressor.....	399.12	32.59
26 43 13 00-0017			100 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPM		
26 43 13 00-0018	EA		120/240 Volt AC Single Phase, 3 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	445.78	27.16
26 43 13 00-0019	EA		208/120 Volt AC Three Phase, 4 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	502.92	32.59
26 43 13 00-0020	EA		277 Volt AC Three Phase, 2 Wire 100 kA Medium Exposure Transient Voltage Surge Suppressor.....	421.16	21.72
26 43 13 00-0021			160 kA Low Exposure (65 kAIC) Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert LPM		
26 43 13 00-0022	EA		208/120 Volt AC Single Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	784.33	32.59
26 43 13 00-0023	EA		208 Volt AC Three Phase, 3 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	773.46	27.16
26 43 13 00-0024	EA		480/277 Volt AC Three Phase, 4 Wire 160 kA Medium Exposure Transient Voltage Surge Suppressor.....	784.33	32.59
26 43 13 00-0025			250 kA, 500 Joule Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Liebert Interceptor Hybrid.		
26 43 13 00-0026	EA		LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	7,752.03	54.31
26 43 13 00-0027	EA		Audible Alarm/LED Display, 120/208 Volt AC Three Phase, 250 kA Transient Voltage Surge Suppressor.....	9,485.07	54.31
26 43 13 00-0028			Class 1310 Transient Voltage Surge Suppression <small>(26 43 13)</small>		
			Note: Supplied with audible alarm, alarm enable/disable switch and dry contacts. Square D.		
26 43 13 00-0029			NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor <small>(26 43 13 00-0028)</small>		
			Note: Square D. EMA series.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0030 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	3,663.91 265.68 203.04	141.22
26 43 13 00-0031 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,042.03 265.68 203.04	162.94
26 43 13 00-0032 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	5,899.24 265.68 203.04	190.10
26 43 13 00-0033 EA 320 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	7,843.37 265.68 203.04	217.26
26 43 13 00-0034 EA 480 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	11,603.14 265.68 203.04	298.73
26 43 13 00-0035 EA 120 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	3,822.33 265.68 203.04	141.22
26 43 13 00-0036 EA 160 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,216.07 265.68 203.04	162.94
26 43 13 00-0037 EA 240 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,168.11 265.68 203.04	190.10
26 43 13 00-0038 EA 320 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	8,192.56 265.68 203.04	217.26
26 43 13 00-0039 EA 480 kA, 120/208 Volt, 1 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	12,142.00 265.68 203.04	298.73
26 43 13 00-0040 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	3,822.33 265.68 203.04	141.22
26 43 13 00-0041 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,216.07 265.68 203.04	162.94
26 43 13 00-0042 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,168.05 265.68 203.04	190.10
26 43 13 00-0043 EA 320 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	8,192.56 265.68 203.04	217.26
26 43 13 00-0044 EA 480 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	12,142.00 265.68 203.04	298.73
26 43 13 00-0045 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	3,980.77 265.68 203.04	141.22
26 43 13 00-0046 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,392.34 265.68 203.04	162.94
26 43 13 00-0047 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,439.20 265.68 203.04	190.10
26 43 13 00-0048 EA 320 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	8,544.06 265.68 203.04	217.26
26 43 13 00-0049 EA 480 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	12,683.04 265.68 203.04	298.73
26 43 13 00-0050 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,164.85 265.68 203.04	141.22
26 43 13 00-0051 EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	4,575.35 265.68 203.04	162.94
26 43 13 00-0052 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	6,722.57 265.68 203.04	190.10
26 43 13 00-0053 EA 320 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	8,912.21 265.68 203.04	217.26
26 43 13 00-0054 EA 480 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	12,483.86 265.68 203.04	298.73
26 43 13 00-0055 NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor ₍₂₆ <small>43 13 00-0028)</small> Note: Square D EBA series.		
26 43 13 00-0056 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	2,860.69 265.68 203.04	141.22
26 43 13 00-0057 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor..... <i>For Integral Disconnect, Add For Surge Counter, Add</i>	3,455.26 265.68 203.04	162.94

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0058	EA		240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,058.07	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0059	EA		120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,951.05	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0060	EA		160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,589.13	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0061	EA		240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,233.22	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0062	EA		120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	2,951.05	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0063	EA		160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,589.13	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0064	EA		240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,233.22	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0065	EA		120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,065.96	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0066	EA		160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,733.05	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0067	EA		240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,457.45	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0068	EA		120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,186.46	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0069	EA		160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	3,885.89	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0070	EA		240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 1/3R/12 Non-Modular Device Transient Voltage Surge Suppressor.....	5,692.85	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0071			NEMA 4X Modular Device Transient Voltage Surge Suppressor <small>(26 43 13 00-0028)</small>		
			Note: Square D EMA series. Stainless steel.		
26 43 13 00-0072	EA		120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,718.17	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0073	EA		160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,096.30	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0074	EA		240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	6,953.50	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0075	EA		120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,876.60	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0076	EA		160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,270.33	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0077	EA		240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	7,222.38	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0078	EA		120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	4,876.60	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0079	EA		160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,270.33	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0080	EA		240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	7,222.32	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0081	EA		120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,035.04	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0082	EA		160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,446.61	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0083	EA		240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	7,493.47	190.10
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0084	EA		120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,219.12	141.22
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0085	EA		160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	5,629.61	162.94
			<i>For Integral Disconnect, Add</i>	265.68	
			<i>For Surge Counter, Add</i>	203.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 13 00-0086 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Modular Device Transient Voltage Surge Suppressor.....	7,776.84	190.10
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0087 NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor (26 43 13 00-0028)		
Note: Square D EBA series. Stainless steel.		
26 43 13 00-0088 EA 120 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	3,914.95	141.22
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0089 EA 160 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,509.52	162.94
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0090 EA 240 kA, 120/240 Volt, 1 Phase, 3 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,112.33	190.10
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0091 EA 120 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,005.31	141.22
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0092 EA 160 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,643.40	162.94
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0093 EA 240 kA, 120/208 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,287.48	190.10
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0094 EA 120 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,005.31	141.22
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0095 EA 160 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,643.40	162.94
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0096 EA 240 kA, 120/240 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,287.48	190.10
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0097 EA 120 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,120.23	141.22
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0098 EA 160 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,787.31	162.94
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0099 EA 240 kA, 277/480 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,511.72	190.10
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0100 EA 120 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,240.72	141.22
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0101 EA 160 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	4,940.15	162.94
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 13 00-0102 EA 240 kA, 347/600 Volt, 3 Phase, 4 Wire NEMA 4X Non-Modular Device Transient Voltage Surge Suppressor	6,747.11	190.10
<i>For Integral Disconnect, Add</i>	265.68	
<i>For Surge Counter, Add</i>	203.04	
26 43 23 Surge Protective Devices for Lightning Protection (26 43)		
26 43 23 00-0001 Surge And Lightning Arrestors (26 43 23)		
26 43 23 00-0002 Metal Top Intermediate Type IMX (26 43 23 00-0001)		
Note: For outdoor construction, single phase.		
26 43 23 00-0003 EA 3 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,181.19	248.18
26 43 23 00-0004 EA 4.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,287.72	248.18
26 43 23 00-0005 EA 6 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,287.72	248.18
26 43 23 00-0006 EA 7.5 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,485.56	248.18
26 43 23 00-0007 EA 9 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,485.56	248.18
26 43 23 00-0008 EA 10 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,649.92	248.18
26 43 23 00-0009 EA 12 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	1,649.92	248.18
26 43 23 00-0010 EA 15 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,260.99	310.23
26 43 23 00-0011 EA 18 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,346.22	310.23
26 43 23 00-0012 EA 21 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,567.29	372.28
26 43 23 00-0013 EA 24 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	2,786.44	372.28
26 43 23 00-0014 EA 27 KV, Lightning Arrestors, IMX, Metal Top For Outdoor Use, 1 Phase	3,337.34	372.28
26 43 23 00-0015 Porcelain Top Intermediate Type IMX (26 43 23 00-0001)		
Note: For cubicle mounting, single phase.		
26 43 23 00-0016 EA 3 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,181.19	248.18
26 43 23 00-0017 EA 4.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,287.72	248.18
26 43 23 00-0018 EA 6 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,287.72	248.18
26 43 23 00-0019 EA 7.5 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,485.56	248.18
26 43 23 00-0020 EA 9 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,485.56	248.18
26 43 23 00-0021 EA 10 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,649.92	248.18
26 43 23 00-0022 EA 12 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	1,649.92	248.18
26 43 23 00-0023 EA 15 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,260.99	310.23
26 43 23 00-0024 EA 18 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase	2,346.22	310.23

26	Electrical
26 40	Electrical And Cathodic Protection
26 43	Surge Protective Devices

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 43 23 00-0025	EA		21 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,567.29	372.28
26 43 23 00-0026	EA		24 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	2,786.44	372.28
26 43 23 00-0027	EA		27 KV, Lightning Arrestors, IMX, Porcelain Top For Cubicle Mounting, 1 Phase.....	3,337.34	372.28
26 43 23 00-0028			IMX Accessories (26 43 23 00-0001)		
26 43 23 00-0029	EA		1 Crossarm Bracket Reversible 3-27 KV IMX.....	962.05	248.18
26 43 23 00-0030	EA		Single Unit Horizontal Pole Mounted Bracket (IMX).....	949.88	248.18
26 43 23 00-0031	EA		3 Unit Horizontal Pole Mounted Bracket (IMX).....	858.69	248.18
26 43 23 00-0032			Lightning Arrestor And Cutouts (26 43 23 00-0001)		
26 43 23 00-0033	EA		3 KV La Distribution Class, Lightning Arrestor.....	621.16	248.18
26 43 23 00-0034	EA		3 KV La Interior Class, Lightning Arrestor.....	1,262.28	248.18
26 43 23 00-0035	EA		3 KV La Station Class, Lightning Arrestor.....	1,181.19	248.18
26 43 23 00-0036	EA		9 KV La Distribution Class, Lightning Arrestor.....	688.12	248.18
26 43 23 00-0037	EA		9 KV La Interior Class, Lightning Arrestor.....	1,439.78	248.18
26 43 23 00-0038	EA		9 KV La Station Class, Lightning Arrestor.....	1,485.56	248.18
26 43 23 00-0039	EA		5 KV Enclosed Fused Cutout.....	792.21	248.18
26 43 23 00-0040	EA		15 KV Open Fused Cutout.....	842.65	310.23
26 43 23 00-0041	EA		18 KV La Distribution Class, Lightning Arrestor.....	652.90	248.18
26 43 23 00-0042	EA		18 KV La Interior Class, Lightning Arrestor.....	1,534.66	248.18
26 50 Lighting (26)			Note: Includes testing of fixture, a set of lamps (light bulbs), wire nuts, ground wire connector, fixture whip, ballast(s), mounting brackets where necessary and cable connectors. Lay-in fixtures include support wire, clips and seismic supports.		
26 51 Interior Lighting (26 50)					
26 51 13 Incandescent Interior Lighting (26 51)					
26 51 13 00-0001 Recessed Fixtures (26 51 13)			Note: Housing and trim priced separately.		
26 51 13 00-0002 Incandescent, Recessed Fixture Housings (26 51 13 00-0001)					
26 51 13 00-0003	EA		4" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	79.98	31.07
			For ICAT Housing, Add.....	4.29	
26 51 13 00-0004	EA		5" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	79.98	31.07
			For ICAT Housing, Add.....	4.29	
26 51 13 00-0005	EA		6" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	85.02	32.59
			For ICAT Housing, Add.....	4.66	
26 51 13 00-0006	EA		7" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	90.24	34.00
			For ICAT Housing, Add.....	5.05	
26 51 13 00-0007	EA		8" Round, Incandescent, T Or ICT Recessed Fixture Housing.....	95.49	35.42
			For ICAT Housing, Add.....	5.45	
26 51 13 00-0008	EA		10" To 12" Square, Incandescent, T Or ICT Recessed Fixture Housing.....	96.98	37.58
			For ICAT Housing, Add.....	5.22	
26 51 13 00-0009 Recessed Fixture Trim (26 51 13 00-0001)					
26 51 13 00-0010	EA		Circular, Recessed Fixture Trim.....	63.98	15.21
26 51 13 00-0011	EA		Circular Clear Lens, Recessed Fixture Trim.....	71.52	15.21
26 51 13 00-0012	EA		Open/Baffle, Recessed Fixture Trim.....	84.58	15.21
26 51 13 00-0013	EA		Specular Reflector, Recessed Fixture Trim.....	91.51	15.21
26 51 13 00-0014	EA		Eyeball, Recessed Fixture Trim.....	71.63	15.21
26 51 13 00-0015	EA		10" To 12" Square, Clear Lens, Recessed Fixture Trim.....	67.58	15.21
26 51 13 00-0016	EA		10" To 12" Square, Drop Dish, Recessed Fixture Trim.....	72.22	15.21
26 51 13 00-0017 Wall Mounted Fixtures (26 51 13)					
26 51 13 00-0018 Wall Mounted Vanity Light Fixtures (26 51 13 00-0017)					
26 51 13 00-0019	EA		1 Lamp Vanity Light, Wall Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture (Progressive P2706).....	139.06	43.45
26 51 13 00-0020	EA		2 Lamp Vanity Light, Wall Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture (Progressive P2707).....	178.14	43.45
26 51 13 00-0021	EA		3 Lamp Vanity Light, Wall Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture (Progressive P2708).....	248.19	43.45
26 51 13 00-0022	EA		4 Lamp Vanity Light, Wall Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture (Progressive P2709).....	306.58	43.45
26 51 13 00-0023	EA		5 Lamp Vanity Light, Wall Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture (Progressive P2713).....	372.81	43.45
26 51 13 00-0024	EA		6 Lamp Vanity Light, Wall Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture (Progressive P2714).....	454.35	43.45
26 51 13 00-0025 Track Lighting (26 51 13)					
26 51 13 00-0026 Track Lighting Tracks (26 51 13 00-0025)					
26 51 13 00-0027	LF		1 Circuit Track Lighting Track.....	22.91	7.17
26 51 13 00-0028	LF		2 Circuit Track Lighting Track.....	29.77	7.17
26 51 13 00-0029	LF		3 Circuit Track Lighting Track.....	35.61	7.17

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 13 00-0030 LF 4 Circuit Track Lighting Track.....	41.46	8.69
26 51 13 00-0031 Incandescent Track Lighting Fixtures (26 51 13 00-0025)		
26 51 13 00-0032 EA Incandescent Track Lighting Fixture, 120 Volt.....	83.11	18.14
26 51 13 00-0033 EA Par 20 Track Fixture, White Or Black Finish, 120 Volt.....	55.76	18.14
26 51 13 00-0034 EA Par 30 Track Fixture, White Or Black Finish, 120 Volt.....	77.85	18.14
26 51 13 00-0035 EA Par 38 Track Fixture, White Or Black Finish, 120 Volt.....	80.04	18.14
26 51 13 00-0036 EA PAR 16, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	65.76	18.14
26 51 13 00-0037 EA PAR 20, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	55.76	18.14
26 51 13 00-0038 EA PAR 30, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	64.71	18.14
Note: 120V.		
26 51 13 00-0039 EA PAR 38, Baffled Cylinder Track Fixture, White or Black Finish, 120 Volt.....	82.23	18.14
26 51 13 00-0040 Track Lighting Accessories (26 51 13 00-0025)		
26 51 13 00-0041 Pendant Mounting (26 51 13 00-0040)		
26 51 13 00-0042 EA Track Lighting Pendant Mounting, Up to 12".....	24.94	
26 51 13 00-0043 EA Track Lighting Pendant Mounting, >12" To 24".....	32.03	
26 51 13 00-0044 EA Track Lighting Pendant Mounting, >24" To 36".....	39.03	
26 51 13 00-0045 Wet Location, Dust Resistant, Vapor Tight Fixtures (26 51 13)		
26 51 13 00-0046 Incandescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 13 00-0045)		
26 51 13 00-0047 EA 100 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	123.04	43.45
For Wall Mounted, Add	5.10	
26 51 13 00-0048 EA 200 Watt Incandescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture.....	141.30	43.45
For Wall Mounted, Add	5.10	
26 51 16 Fluorescent Interior Lighting (26 51)		
26 51 16 00-0001 Fluorescent Fixtures (26 51 16)		
26 51 16 00-0002 Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0003 6" x 2', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0004 EA 1 T8 Lamp, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	185.40	31.06
26 51 16 00-0005 EA 2 T8 Lamps, 6" x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	209.30	31.06
26 51 16 00-0006 6" x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0007 EA 1 T8 Lamp, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	210.30	32.35
26 51 16 00-0008 EA 2 T8 Lamps, 6" x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	236.55	32.35
26 51 16 00-0009 1' x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0010 EA 2 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	251.61	36.32
26 51 16 00-0011 EA 3 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	300.52	36.32
26 51 16 00-0012 EA 4 T8 Lamps, 1' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	354.36	36.32
26 51 16 00-0013 2' x 2', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0014 EA 2 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	201.85	39.69
26 51 16 00-0015 EA 3 T8 Lamps, 2' x 2', Surface Mounted, Wraparound Fluorescent Fixture.....	235.17	39.69
26 51 16 00-0016 2' x 4', Surface Mounted, Wraparound Fluorescent Fixtures (26 51 16 00-0002)		
26 51 16 00-0017 EA 2 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	322.11	46.24
26 51 16 00-0018 EA 3 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	347.69	46.24
26 51 16 00-0019 EA 4 T8 Lamps, 2' x 4', Surface Mounted, Wraparound Fluorescent Fixture.....	396.53	46.24
26 51 16 00-0020 Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0001)		
Note: Includes prismatic lens.		
26 51 16 00-0021 1' x 4', Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0020)		
26 51 16 00-0022 EA 2 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	250.14	36.02
26 51 16 00-0023 EA 3 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	413.66	36.02
26 51 16 00-0024 EA 4 T8 Lamps, 1' x 4', Surface Mounted, Box Type Fluorescent Fixture.....	473.36	36.02
26 51 16 00-0025 2' x 2', Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0020)		
26 51 16 00-0026 EA 2 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	396.45	39.69
26 51 16 00-0027 EA 3 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	434.01	39.69
26 51 16 00-0028 EA 4 T8 Lamps, 2' x 2', Surface Mounted, Box Type Fluorescent Fixture.....	461.05	39.69
26 51 16 00-0029 2' x 4', Surface Mounted, Box Type Fluorescent Fixtures (26 51 16 00-0020)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0030	EA		2 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	400.42	46.24
26 51 16 00-0031	EA		3 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	440.53	46.24
26 51 16 00-0032	EA		4 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	462.55	46.24
26 51 16 00-0033	EA		6 T8 Lamps, 2' x 4', Surface Mounted, Box Type Fluorescent Fixture	496.01	46.24
26 51 16 00-0034			4' x 4', Surface Mounted, Box Type Fluorescent Fixtures <small>(26 51 16 00-0020)</small>		
26 51 16 00-0035	EA		4 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	804.24	59.54
26 51 16 00-0036	EA		6 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	817.51	59.54
26 51 16 00-0037	EA		8 T8 Lamps, 4' x 4', Surface Mounted, Box Type Fluorescent Fixture	599.33	59.54
26 51 16 00-0038			Recessed Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0039			Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0040			1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>		
26 51 16 00-0041	EA		2 T8 Lamps, 1' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	357.60	31.06
			<i>For Drywall Or Plaster Ceilings, Add</i>	20.99	
26 51 16 00-0042			1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>		
26 51 16 00-0043	EA		2 T8 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	474.20	36.02
			<i>For Drywall Or Plaster Ceilings, Add</i>	24.56	
26 51 16 00-0044	EA		2 T5 Lamps, 1' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	894.72	36.02
			<i>For Drywall Or Plaster Ceilings, Add</i>	24.56	
26 51 16 00-0045			2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>		
26 51 16 00-0046	EA		2 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	478.87	39.69
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.79	
26 51 16 00-0047	EA		3 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	553.22	39.69
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.79	
26 51 16 00-0048	EA		4 T8 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	558.82	39.69
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.80	
26 51 16 00-0049	EA		2 T5 Lamps, 2' x 2', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	603.92	39.69
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.79	
26 51 16 00-0050			2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture <small>(26 51 16 00-0039)</small>		
26 51 16 00-0051	EA		2 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	456.01	46.24
			<i>For Drywall Or Plaster Ceilings, Add</i>	31.26	
26 51 16 00-0052	EA		3 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	653.74	46.24
			<i>For Drywall Or Plaster Ceilings, Add</i>	31.26	
26 51 16 00-0053	EA		4 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	660.37	46.24
			<i>For Drywall Or Plaster Ceilings, Add</i>	31.26	
26 51 16 00-0054	EA		6 T8 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	739.78	46.24
			<i>For Drywall Or Plaster Ceilings, Add</i>	31.26	
26 51 16 00-0055	EA		2 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	627.88	46.24
			<i>For Drywall Or Plaster Ceilings, Add</i>	31.26	
26 51 16 00-0056	EA		3 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	876.32	46.24
			<i>For Drywall Or Plaster Ceilings, Add</i>	31.26	
26 51 16 00-0057	EA		4 T5 Lamps, 2' x 4', Prismatic Lensed, Lay-In/Troffer Fluorescent Fixture	891.89	46.24
			<i>For Drywall Or Plaster Ceilings, Add</i>	31.26	
26 51 16 00-0058			Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0059			1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>		
26 51 16 00-0060	EA		1 T8 Lamp, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	425.51	31.06
			<i>For Drywall Or Plaster Ceilings, Add</i>	20.99	
26 51 16 00-0061	EA		2 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	431.10	31.06
			<i>For Drywall Or Plaster Ceilings, Add</i>	20.99	
26 51 16 00-0062	EA		3 T8 Lamps, 1' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	510.19	31.06
			<i>For Drywall Or Plaster Ceilings, Add</i>	20.99	
26 51 16 00-0063			1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>		
26 51 16 00-0064	EA		1 T8 Lamp, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	484.36	36.02
			<i>For Drywall Or Plaster Ceilings, Add</i>	24.56	
26 51 16 00-0065	EA		2 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	490.99	36.02
			<i>For Drywall Or Plaster Ceilings, Add</i>	24.56	
26 51 16 00-0066	EA		3 T8 Lamps, 1' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	558.00	36.02
			<i>For Drywall Or Plaster Ceilings, Add</i>	24.56	
26 51 16 00-0067			2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>		
26 51 16 00-0068	EA		2 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	494.83	39.69
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.80	
26 51 16 00-0069	EA		3 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	500.42	39.69
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.80	
26 51 16 00-0070	EA		4 T8 Lamps, 2' x 2', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture	578.30	39.69
			<i>For Drywall Or Plaster Ceilings, Add</i>	26.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0071 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0058)</small>		
26 51 16 00-0072 EA 2 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	456.01 31.26	46.24
26 51 16 00-0073 EA 3 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	540.11 31.26	46.24
26 51 16 00-0074 EA 4 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	619.95 31.26	46.24
26 51 16 00-0075 EA 6 T8 Lamps, 2' x 4', Parabolic, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	706.71 31.26	46.24
26 51 16 00-0076 Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0077 1' x 4', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>		
26 51 16 00-0078 EA 1 T8 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	945.30 24.56	36.02
26 51 16 00-0079 EA 2 T8 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	951.93 24.56	36.02
26 51 16 00-0080 EA 1 T5 Lamp, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,128.05 24.56	36.02
26 51 16 00-0081 EA 2 T5 Lamps, 1' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,143.61 24.56	36.02
26 51 16 00-0082 2' x 2', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>		
26 51 16 00-0083 EA 2 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	737.99 26.79	39.69
26 51 16 00-0084 EA 3 T8 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	827.11 26.79	39.69
26 51 16 00-0085 EA 2 T5 Lamps, 2' x 2', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,020.15 26.79	39.69
26 51 16 00-0086 2' x 4', Direct-Indirect, Recessed Fluorescent Fixtures <small>(26 51 16 00-0076)</small>		
26 51 16 00-0087 EA 2 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	827.18 31.26	46.24
26 51 16 00-0088 EA 3 T8 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,032.25 31.26	46.24
26 51 16 00-0089 EA 1 T5 Lamp, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,101.41 31.26	46.24
26 51 16 00-0090 EA 2 T5 Lamps, 2' x 4', Direct-Indirect, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	1,211.97 31.26	46.24
26 51 16 00-0091 Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0092 1' x 4', Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0091)</small>		
26 51 16 00-0093 EA 2 T8 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	730.42 24.56	36.02
26 51 16 00-0094 EA 2 T5 Lamps, 1' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	980.12 24.56	36.02
26 51 16 00-0095 2' x 2', Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0091)</small>		
26 51 16 00-0096 EA 2 T8 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	725.41 26.79	39.69
26 51 16 00-0097 EA 2 T5 Lamps, 2' x 2', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	837.05 26.79	39.69
26 51 16 00-0098 2' x 4', Volumetric, Recessed Fluorescent Fixtures <small>(26 51 16 00-0091)</small>		
26 51 16 00-0099 EA 2 T8 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	804.33 31.26	46.24
26 51 16 00-0100 EA 2 T5 Lamps, 2' x 4', Volumetric, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	806.19 31.26	46.24
26 51 16 00-0101 Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0102 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0101)</small>		
26 51 16 00-0103 EA 2 T8 Lamps, 1' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	674.55 24.56	36.02
26 51 16 00-0104 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0101)</small>		
26 51 16 00-0105 EA 2 T8 Lamps, 2' x 2', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	642.26 26.79	39.69

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0106			2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0101)</small>		
26 51 16 00-0107	EA		2 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	779.95 31.26	46.24
26 51 16 00-0108	EA		3 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	594.55 31.26	46.24
26 51 16 00-0109	EA		4 T8 Lamps, 2' x 4', Wet Location, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	899.50 31.26	46.24
26 51 16 00-0110			Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0038)</small>		
26 51 16 00-0111			1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0110)</small>		
26 51 16 00-0112	EA		2 T8 Lamps, 1' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	640.63 24.56	36.02
26 51 16 00-0113			2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0110)</small>		
26 51 16 00-0114	EA		2 T8 Lamps, 2' x 2', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	641.45 26.79	39.69
26 51 16 00-0115			2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixtures <small>(26 51 16 00-0110)</small>		
26 51 16 00-0116	EA		2 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	798.99 31.26	46.24
26 51 16 00-0117	EA		3 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	812.24 31.26	46.24
26 51 16 00-0118	EA		4 T8 Lamps, 2' x 4', Vandal Resistant, Lensed, Lay-In/Troffer, Recessed Fluorescent Fixture <i>For Drywall Or Plaster Ceilings, Add</i>	832.91 31.26	46.24
26 51 16 00-0119			Striplight Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0120			1 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0121	EA		1-1/2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture	259.24	29.77
26 51 16 00-0122	EA		2' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	324.31	29.77
26 51 16 00-0123	EA		3' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	315.63	33.04
26 51 16 00-0124	EA		4' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	320.57	36.32
26 51 16 00-0125	EA		8' Length, 1 T8 Lamp, Striplight Fluorescent Fixture.....	392.87	43.02
26 51 16 00-0126			2 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0127	EA		2' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	320.16	33.04
26 51 16 00-0128	EA		3' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	327.24	36.32
26 51 16 00-0129	EA		4' Length, 2 T8 Lamps, Striplight Fluorescent Fixture.....	332.16	39.69
26 51 16 00-0130			3 Lamp Cross Section, Striplight Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0131	EA		2' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	483.77	33.04
26 51 16 00-0132	EA		3' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	462.52	36.32
26 51 16 00-0133	EA		4' Length, 3 T8 Lamps, Striplight Fluorescent Fixture.....	467.42	39.69
26 51 16 00-0134			Display Case Fluorescent Fixtures <small>(26 51 16 00-0119)</small>		
26 51 16 00-0135	EA		1 T8 Lamp, 1-1/2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU15W).....	170.54	32.59
26 51 16 00-0136	EA		1 T8 Lamp, 2' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU20W).....	233.90	32.59
26 51 16 00-0137	EA		1 T8 Lamp, 3' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU30W).....	252.22	38.02
26 51 16 00-0138	EA		1 T8 Lamp, 4' Length, Undercabinet/Display Case Fluorescent Fixture (Lightolier TCU40W).....	261.24	38.02
26 51 16 00-0139			Industrial Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0140			1 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0139)</small>		
26 51 16 00-0141	EA		2' Length, 1 T8 Lamp, Industrial Fluorescent Fixture.....	386.78	29.77
26 51 16 00-0142	EA		4' Length, 1 T8 Lamp, Industrial Fluorescent Fixture.....	404.91	36.32
26 51 16 00-0143	EA		8' Length, 1 T8 Lamp, Industrial Fluorescent Fixture.....	764.70	46.24
26 51 16 00-0144			2 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0139)</small>		
26 51 16 00-0145	EA		2' Length, 2 T8 Lamps, Industrial Fluorescent Fixture.....	397.33	33.04
26 51 16 00-0146	EA		4' Length, 2 T8 Lamps, Industrial Fluorescent Fixture.....	416.51	39.69
26 51 16 00-0147	EA		8' Length, 2 T8 Lamps, Industrial Fluorescent Fixture.....	777.97	46.24
26 51 16 00-0148			3 Lamp Cross Section, Industrial Fluorescent Fixtures <small>(26 51 16 00-0139)</small>		
26 51 16 00-0149	EA		2' Length, 3 T8 Lamps, Industrial Fluorescent Fixture.....	413.95	33.04
26 51 16 00-0150	EA		4' Length, 3 T8 Lamps, Industrial Fluorescent Fixture.....	431.41	39.69

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0151 EA 8' Length, 3 T8 Lamps, Industrial Fluorescent Fixture	666.29	46.24
26 51 16 00-0152 4 Lamp Cross Section, Industrial Fluorescent Fixtures (26 51 16 00-0139)		
26 51 16 00-0153 EA 4' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	606.72	39.69
26 51 16 00-0154 EA 8' Length, 4 T8 Lamps, Industrial Fluorescent Fixture	900.05	46.24
26 51 16 00-0155 Flanged Fluorescent Fixture (26 51 16 00-0001)		
Note: For plaster or drywall application. With electronic ballast.		
26 51 16 00-0156 EA 2 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	556.70	59.54
26 51 16 00-0157 EA 3 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	673.58	59.54
26 51 16 00-0158 EA 4 T8 Lamps, 2' x 4', Prismatic Lensed, Flanged Fluorescent Fixture	680.21	59.54
26 51 16 00-0159 Undercabinet Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0160 EA 1 T5 Lamp, 12-3/16" Length, Slimline Undercabinet Fluorescent Fixture	197.54	26.80
26 51 16 00-0161 EA 1 T5 Lamp, 21-3/16" Length, Slimline Undercabinet Fluorescent Fixture	228.62	32.74
26 51 16 00-0162 EA 2 T5 Lamps, 24-7/16" Length, Slimline Undercabinet Fluorescent Fixture	224.43	32.74
26 51 16 00-0163 EA 1 T5 Lamp, 33-7/16" Length, Slimline Undercabinet Fluorescent Fixture	274.59	35.72
26 51 16 00-0164 EA 2 T5 Lamps, 42-7/16" Length, Slimline Undercabinet Fluorescent Fixture	319.11	41.68
26 51 16 00-0165 Surface Mounted, T5HO Fluorescent Fixture (26 51 16 00-0001)		
Note: For 8' fixture, use two (2) 4' fixtures		
26 51 16 00-0166 EA 1 T5HO Lamp, 60 W, 4' Length, Surface Mounted, Fluorescent Fixture	520.99	46.24
<i>For Instant Quartz Restrike, Add</i>		
<i>For Wire Guard, Add</i>		
<i>For Polycarbonate Lens, Add</i>		
<i>For Acrylic Lens, Add</i>		
<i>For Gasketed/Wet Location, Add</i>		
26 51 16 00-0167 EA 2 T5HO Lamps, 120 W, 4' Length, Surface Mounted, Fluorescent Fixture.....	418.50	46.24
<i>For Instant Quartz Restrike, Add</i>		
<i>For Wire Guard, Add</i>		
<i>For Polycarbonate Lens, Add</i>		
<i>For Acrylic Lens, Add</i>		
<i>For Gasketed/Wet Location, Add</i>		
26 51 16 00-0168 EA 3 T5HO Lamps, 182 W, 4' Length, Surface Mounted, Fluorescent Fixture.....	434.16	46.24
<i>For Instant Quartz Restrike, Add</i>		
<i>For Wire Guard, Add</i>		
<i>For Polycarbonate Lens, Add</i>		
<i>For Acrylic Lens, Add</i>		
<i>For Gasketed/Wet Location, Add</i>		
26 51 16 00-0169 EA 4 T5HO Lamps, 240 W, 4' Length, Surface Mounted, Fluorescent Fixture.....	500.25	46.24
<i>For Instant Quartz Restrike, Add</i>		
<i>For Wire Guard, Add</i>		
<i>For Polycarbonate Lens, Add</i>		
<i>For Acrylic Lens, Add</i>		
<i>For Gasketed/Wet Location, Add</i>		
26 51 16 00-0170 EA 6 T5HO Lamps, 358 W, 4' Length, Surface Mounted, Fluorescent Fixture.....	641.37	46.24
<i>For Instant Quartz Restrike, Add</i>		
<i>For Wire Guard, Add</i>		
<i>For Polycarbonate Lens, Add</i>		
<i>For Acrylic Lens, Add</i>		
<i>For Gasketed/Wet Location, Add</i>		
26 51 16 00-0171 Corner Mounted, Fluorescent Fixtures (26 51 16 00-0001)		
Note: Includes acrylic drop dish diffuser.		
26 51 16 00-0172 2' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0171)		
26 51 16 00-0173 EA 1 T8 Lamp, 2' Length, Corner Mounted, Fluorescent Fixture.....	252.14	29.77
26 51 16 00-0174 EA 2 T8 Lamps, 2' Length, Corner Mounted, Fluorescent Fixture.....	282.03	29.77
26 51 16 00-0175 3' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0171)		
26 51 16 00-0176 EA 1 T8 Lamp, 3' Length, Corner Mounted, Fluorescent Fixture.....	288.63	31.26
26 51 16 00-0177 EA 2 T8 Lamps, 3' Length, Corner Mounted, Fluorescent Fixture.....	317.13	31.26
26 51 16 00-0178 4' Length, Corner Mounted, Fluorescent Fixtures (26 51 16 00-0171)		
26 51 16 00-0179 EA 1 T8 Lamp, 4' Length, Corner Mounted, Fluorescent Fixture.....	284.11	32.75
26 51 16 00-0180 EA 2 T8 Lamps, 4' Length, Corner Mounted, Fluorescent Fixture.....	313.71	32.75
26 51 16 00-0181 Wall Bracket, Fluorescent Fixtures (26 51 16 00-0001)		
26 51 16 00-0182 Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 16 00-0181)		
Note: Includes extruded aluminum housing with brushed finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0183 2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) (26 51 16 00-0182)		
26 51 16 00-0184 EA 1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	234.71	49.97
26 51 16 00-0185 EA 2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	239.48	49.97

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0186			3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0182)</small>		
26 51 16 00-0187	EA		1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	309.00	49.97
26 51 16 00-0188	EA		2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	315.65	49.97
26 51 16 00-0189			4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia W) <small>(26 51 16 00-0182)</small>		
26 51 16 00-0190	EA		1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	320.53	49.97
26 51 16 00-0191	EA		2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia W)	325.30	49.97
26 51 16 00-0192			Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0181)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0193			2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0192)</small>		
26 51 16 00-0194	EA		1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	647.41	49.97
26 51 16 00-0195	EA		2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	652.17	49.97
26 51 16 00-0196			3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0192)</small>		
26 51 16 00-0197	EA		1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	504.26	49.97
26 51 16 00-0198	EA		2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	510.91	49.97
26 51 16 00-0199			4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WP) <small>(26 51 16 00-0192)</small>		
26 51 16 00-0200	EA		1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	585.38	49.97
26 51 16 00-0201	EA		2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WP)	590.15	49.97
26 51 16 00-0202			Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0181)</small> Note: Includes 20 gauge steel housing with baked finish, acrylic diffuser and solid-state electronic ballast.		
26 51 16 00-0203			2' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0202)</small>		
26 51 16 00-0204	EA		1 T8 Lamp, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	224.05	49.97
26 51 16 00-0205	EA		2 T8 Lamps, 2' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	228.82	49.97
26 51 16 00-0206			3' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0202)</small>		
26 51 16 00-0207	EA		1 T8 Lamp, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	225.94	49.97
26 51 16 00-0208	EA		2 T8 Lamps, 3' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	232.60	49.97
26 51 16 00-0209			4' Length, Wall Bracket, Fluorescent Fixtures (Lithonia WC) <small>(26 51 16 00-0202)</small>		
26 51 16 00-0210	EA		1 T8 Lamp, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	215.88	49.97
26 51 16 00-0211	EA		2 T8 Lamps, 4' Length, Wall Bracket, Fluorescent Fixture (Lithonia WC)	220.65	49.97
26 51 16 00-0212			Low Occupancy, Industrial Fluorescent Fixtures <small>(26 51 16 00-0001)</small>		
26 51 16 00-0213	EA		1 T8 Lamp, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	276.70	36.32
26 51 16 00-0214	EA		2 T8 Lamps, 4' Length, Bi-Level Illumination, Industrial Fluorescent Fixture With Integral Occupancy Sensor (Deco SMART™ DSBL-CP)	281.66	39.69
26 51 16 00-0215			Ceiling Mounted Fluorescent Fixtures <small>(26 51 16)</small>		
26 51 16 00-0216			Ceiling Mounted, Compact Fluorescent/Incandescent Fixtures <small>(26 51 16 00-0215)</small>		
26 51 16 00-0217			Glass Globe, Compact Fluorescent/Incandescent Fixtures <small>(26 51 16 00-0216)</small>		
26 51 16 00-0218	EA		6" Diameter, Ceiling Mounted, Glass Globe, Compact Fluorescent/Incandescent Fixture	202.18	43.45
26 51 16 00-0219	EA		9" Diameter, Ceiling Mounted, Mushroom Style Glass Globe, Compact Fluorescent/Incandescent Fixture	249.04	43.45
26 51 16 00-0220			Ceiling Mounted, Circline Fluorescent Fixtures <small>(26 51 16 00-0215)</small>		
26 51 16 00-0221			Exposed Lamps, Circline Fluorescent Fixtures <small>(26 51 16 00-0220)</small>		
26 51 16 00-0222	EA		8-1/2" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	160.70	43.45
26 51 16 00-0223	EA		12" Diameter, Ceiling Mounted, Exposed Lamps, Circline Fluorescent Fixture	178.22	43.45
26 51 16 00-0224			Low Profile Acrylic Diffuser, Circline Fluorescent Fixtures <small>(26 51 16 00-0220)</small>		
26 51 16 00-0225	EA		11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	264.29	43.45
26 51 16 00-0226	EA		14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	393.27	43.45
26 51 16 00-0227	EA		19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	482.65	43.45
26 51 16 00-0228	EA		12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	306.07	43.45
26 51 16 00-0229	EA		15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	395.92	43.45
26 51 16 00-0230	EA		19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Circline Fluorescent Fixture	482.65	43.45
26 51 16 00-0231			Ceiling Mounted, Double Twin Tube Compact Fluorescent Fixtures <small>(26 51 16 00-0215)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0232 Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixtures <small>(26 51 16 00-0231)</small>		
26 51 16 00-0233 EA 11" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	268.45	43.45
26 51 16 00-0234 EA 14" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	362.59	43.45
26 51 16 00-0235 EA 19" Diameter, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	442.89	43.45
26 51 16 00-0236 EA 12" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	208.10	43.45
26 51 16 00-0237 EA 15" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	257.30	43.45
26 51 16 00-0238 EA 19" Square, Ceiling Mounted, Low Profile Acrylic Diffuser, Double Twin Tube Compact Fluorescent Fixture.....	350.54	43.45
26 51 16 00-0239 Pendant Mounted, Compact Fluorescent/Incandescent Downlights <small>(26 51 16 00-0215)</small>		
26 51 16 00-0240 Pendant Mounted, Compact Fluorescent/Incandescent Open Reflector Downlights <small>(26 51 16 00-0239)</small>		
26 51 16 00-0241 EA 6" Diameter, Pendant Mounted, Open Reflector Compact Fluorescent/Incandescent Downlight.....	453.66	35.70
26 51 16 00-0242 Pendant Mounted, Compact Fluorescent/Incandescent Downlights With Baffle <small>(26 51 16 00-0239)</small>		
26 51 16 00-0243 EA 6" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	524.99	35.70
26 51 16 00-0244 EA 8" Diameter, Pendant Mounted, Compact Fluorescent/Incandescent Downlight With Baffle.....	755.11	35.70
26 51 16 00-0245 Pendant Mounted, Horizontal Indirect Fluorescent Fixtures <small>(26 51 16 00-0215)</small>		
26 51 16 00-0246 EA 1 T5HO Lamp, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	290.61	35.70
26 51 16 00-0247 EA 2 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	308.37	35.70
26 51 16 00-0248 EA 3 T5HO Lamps, 4' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	370.24	35.70
26 51 16 00-0249 EA 2 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	386.56	35.70
26 51 16 00-0250 EA 4 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	462.19	35.70
26 51 16 00-0251 EA 6 T5HO Lamps, 8' Length, Pendant Mounted, Horizontal Indirect Fluorescent Fixture.....	551.85	35.70
26 51 16 00-0252 Finelite Fluorescent Fixtures <small>(26 51 16 00-0215)</small>		
26 51 16 00-0253 Pendant Mounted, Fluorescent Downlight Fixtures (Finelite Series 10) <small>(26 51 16 00-0252)</small>		
26 51 16 00-0254 EA 1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	497.74	50.62
For Dual Circuit, Add	126.51	
26 51 16 00-0255 EA 2 T8 Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	495.69	50.62
For Dual Circuit, Add	125.90	
26 51 16 00-0256 EA 3 T8 Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	537.07	50.62
For Dual Circuit, Add	138.31	
26 51 16 00-0257 EA 1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	601.09	50.62
For Dual Circuit, Add	157.52	
26 51 16 00-0258 EA 2 T5HO Lamps, 2 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	658.94	50.62
For Dual Circuit, Add	174.87	
26 51 16 00-0259 EA 3 T5HO Lamps, 3 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	812.35	50.62
For Dual Circuit, Add	220.89	
26 51 16 00-0260 EA 2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	715.03	52.79
For Dual Circuit, Add	143.28	
26 51 16 00-0261 EA 4 T8 Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	736.98	52.79
For Dual Circuit, Add	148.22	
26 51 16 00-0262 EA 6 T8 Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	819.74	52.79
For Dual Circuit, Add	166.84	
26 51 16 00-0263 EA 2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	782.73	52.79
For Dual Circuit, Add	158.52	
26 51 16 00-0264 EA 4 T5HO Lamps, 2 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	985.30	52.79
For Dual Circuit, Add	204.10	
26 51 16 00-0265 EA 6 T5HO Lamps, 3 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,161.82	52.79
For Dual Circuit, Add	243.81	
26 51 16 00-0266 EA 3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	949.70	54.97
For Dual Circuit, Add	130.40	
26 51 16 00-0267 EA 6 T8 Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	986.97	54.97
For Dual Circuit, Add	135.99	
26 51 16 00-0268 EA 9 T8 Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,093.74	54.97
For Dual Circuit, Add	152.00	
26 51 16 00-0269 EA 3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,094.68	54.97
For Dual Circuit, Add	152.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	16 00-0270	EA	6 T5HO Lamps, 2 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,355.11	54.97
			<i>For Dual Circuit, Add</i>	191.21	
26 51	16 00-0271	EA	9 T5HO Lamps, 3 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Downlight Fixture (Finelite Series 10).....	1,624.23	54.97
			<i>For Dual Circuit, Add</i>	231.58	
26 51	16 00-0272		Pendant Mounted, Fluorescent Wallwash Fixtures (Finelite Series X2-O) <small>(26 51 16 00-0252)</small>		
26 51	16 00-0273	EA	1 T8 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	511.46	50.62
			<i>For Dual Circuit, Add</i>	130.63	
26 51	16 00-0274	EA	1 T5 Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	558.54	50.62
			<i>For Dual Circuit, Add</i>	144.75	
26 51	16 00-0275	EA	1 T5HO Lamp, 1 Lamp Wide Cross Section, 4' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	557.00	50.62
			<i>For Dual Circuit, Add</i>	144.29	
26 51	16 00-0276	EA	2 T8 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	759.07	52.79
			<i>For Dual Circuit, Add</i>	153.19	
26 51	16 00-0277	EA	2 T5 Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	813.41	52.79
			<i>For Dual Circuit, Add</i>	165.42	
26 51	16 00-0278	EA	2 T5HO Lamps, 1 Lamp Wide Cross Section, 8' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	810.33	52.79
			<i>For Dual Circuit, Add</i>	164.73	
26 51	16 00-0279	EA	3 T8 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	1,006.68	54.97
			<i>For Dual Circuit, Add</i>	138.94	
26 51	16 00-0280	EA	3 T5 Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	1,147.89	54.97
			<i>For Dual Circuit, Add</i>	160.13	
26 51	16 00-0281	EA	3 T5HO Lamps, 1 Lamp Wide Cross Section, 12' Length, Pendant Mounted, Fluorescent Wallwash Fixture (Finelite Series X2-O).....	1,143.28	54.97
			<i>For Dual Circuit, Add</i>	159.43	
26 51	16 00-0282		Fluorescent, Recessed Fixture Housings <small>(26 51 16)</small>		
26 51	16 00-0283	EA	4" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	132.80	31.07
			<i>For ICAT Housing, Add</i>	11.10	
26 51	16 00-0284	EA	5" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	137.49	31.07
			<i>For ICAT Housing, Add</i>	11.71	
26 51	16 00-0285	EA	6" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	143.21	32.48
			<i>For ICAT Housing, Add</i>	12.17	
26 51	16 00-0286	EA	7" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	150.54	33.67
			<i>For ICAT Housing, Add</i>	12.83	
26 51	16 00-0287	EA	8" Round, Fluorescent, T Or ICT Recessed Fixture Housing.....	156.91	35.42
			<i>For ICAT Housing, Add</i>	13.37	
26 51	16 00-0288	EA	10" To 12" Square, Fluorescent, T Or ICT Recessed Fixture Housing.....	162.30	37.58
			<i>For ICAT Housing, Add</i>	13.65	
26 51	16 00-0289		Compact Fluorescent, Recessed Fixture Housings <small>(26 51 16)</small>		
26 51	16 00-0290	EA	4" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	152.97	31.07
			<i>For ICAT Housing, Add</i>	13.71	
26 51	16 00-0291	EA	5" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	157.59	31.07
			<i>For ICAT Housing, Add</i>	14.30	
26 51	16 00-0292	EA	6" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	163.46	32.59
			<i>For ICAT Housing, Add</i>	14.78	
26 51	16 00-0293	EA	7" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	168.14	34.00
			<i>For ICAT Housing, Add</i>	15.10	
26 51	16 00-0294	EA	8" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	173.56	35.42
			<i>For ICAT Housing, Add</i>	15.52	
26 51	16 00-0295	EA	10" To 12" Round, Compact Fluorescent, T Or ICT Recessed Fixture Housing.....	178.60	37.58
			<i>For ICAT Housing, Add</i>	15.75	
26 51	16 00-0296		Fluorescent Track Lighting Fixtures <small>(26 51 16)</small>		
26 51	16 00-0297	EA	2L 18W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	290.62	18.14
26 51	16 00-0298	EA	2L 39W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	299.38	18.14
26 51	16 00-0299	EA	2L 40W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	304.85	18.14
26 51	16 00-0300	EA	2L 50W BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	191.42	18.14
26 51	16 00-0301	EA	2L, 55 Watt BX Track Fixture, Electronic Ballast Note: White or Black Finish, 120V.	326.72	18.14
26 51	16 00-0302		Compact Fluorescent Track Lighting Fixtures <small>(26 51 16)</small>		
26 51	16 00-0303	EA	Compact Fluorescent Track Lighting Fixture.....	98.32	18.14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 16 00-0304 Compact Fluorescent, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures <small>(26 51 16)</small>		
26 51 16 00-0305 EA 13 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	132.46 6.02	43.45
26 51 16 00-0306 EA 22 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	136.05 6.02	43.45
26 51 16 00-0307 EA 28 Watt Compact Fluorescent, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	144.94 6.02	43.45
26 51 16 00-0308 Wet Location, Dust Resistant, Vapor Tight, Enclosed And Gasketed, Industrial Fluorescent Fixtures <small>(26 51 16)</small>		
26 51 16 00-0309 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures <small>(26 51 16 00-0308)</small>		
26 51 16 00-0310 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia DMW) <small>(26 51 16 00-0309)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0311 EA 1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	308.61 27.38	46.24
26 51 16 00-0312 EA 2 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	324.17 29.16	46.24
26 51 16 00-0313 EA 3 T8 Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	515.93 51.12	46.24
26 51 16 00-0314 EA 1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	442.49	46.24
26 51 16 00-0315 EA 2 T8HO Lamps, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia DMW).....	720.82	46.24
26 51 16 00-0316 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Day-Brite V2W) <small>(26 51 16 00-0309)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0317 EA 1 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	351.46	46.24
26 51 16 00-0318 EA 2 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	356.12	46.24
26 51 16 00-0319 EA 3 T8 Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	523.77	46.24
26 51 16 00-0320 EA 1 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	430.94	46.24
26 51 16 00-0321 EA 2 T8HO Lamp, 4' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Day-Brite V2W).....	450.94	46.24
26 51 16 00-0322 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures <small>(26 51 16 00-0308)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0323 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixtures (Lithonia TDMW) <small>(26 51 16 00-0322)</small> Note: Includes high impact acrylic molded lens.		
26 51 16 00-0324 EA 2 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	590.32 56.80	62.82
26 51 16 00-0325 EA 4 T8 Lamps, 8' Length, Enclosed And Gasketed, Industrial Fluorescent Fixture (Lithonia TDMW)..... <i>For T5 Fixture Instead Of T8, Add</i>	614.81 59.60	62.82
26 51 16 00-0326 High Bay Fluorescent Fixtures <small>(26 51 16)</small>		
26 51 16 00-0327 (T8) Fluorescent, High Bay Fixtures <small>(26 51 16 00-0326)</small>		
26 51 16 00-0328 (T8) Fluorescent, High Bay Fixtures (Lithonia) <small>(26 51 16 00-0327)</small> Note: For 8' fixture, use two (2) 4' fixtures.		
26 51 16 00-0329 EA 2 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	483.24 40.50 47.75 54.00	101.22
26 51 16 00-0330 EA 3 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	505.23 40.50 47.75 54.00	112.14
26 51 16 00-0331 EA 4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	572.51 40.50 47.75 54.00	128.01
26 51 16 00-0332 EA 6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	691.00 40.50 47.75 54.00	134.86
26 51 16 00-0333 EA 8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	753.19 40.50 47.75 54.00	141.12
26 51 16 00-0334 EA 4 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	422.52 40.50 47.75 54.00	128.01

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	16 00-0335	EA	6 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	445.70 40.50 47.75 54.00	134.86
26 51	16 00-0336	EA	8 T8 Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	512.47 40.50 47.75 54.00	141.12
26 51 16 00-0337 (T5HO) Fluorescent, High Bay Fixtures <small>(26 51 16 00-0326)</small>					
26 51 16 00-0338 (T5HO) Fluorescent, High Bay Fixtures (Lithonia) <small>(26 51 16 00-0337)</small> Note: For 8' fixture, use two (2) 4' fixtures.					
26 51	16 00-0339	EA	2 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	486.86 40.50 47.75 54.00	101.22
26 51	16 00-0340	EA	3 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	507.94 40.50 47.75 54.00	112.14
26 51	16 00-0341	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	578.01 40.50 47.75 54.00	128.01
26 51	16 00-0342	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia FGB)..... <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	704.23 40.50 47.75 54.00	134.86
26 51	16 00-0343	EA	4 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	442.99 40.50 47.75 54.00	128.01
26 51	16 00-0344	EA	6 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	488.52 40.50 47.75 54.00	134.86
26 51	16 00-0345	EA	8 T5HO Lamps, 4' Length, Fluorescent High Bay Fixture (Lithonia IBZ) <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i> <i>For Acrylic Lens, Add</i>	572.25 40.50 47.75 54.00	141.12
26 51 19 LED Interior Lighting <small>(26 51)</small>					
26 51 19 00-0001 LED Fixtures <small>(26 51 19)</small>					
26 51 19 00-0002 Undercabinet LED Fixtures <small>(26 51 19 00-0001)</small>					
26 51	19 00-0003	EA	12" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ12-M6) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	132.48 -4.43 -7.74 -13.25 -18.76	26.80
26 51	19 00-0004	EA	18" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ18-M6) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	164.18 -5.47 -9.57 -16.42 -23.26	32.74
26 51	19 00-0005	EA	24" Length, Undercabinet/Modular General Purpose LED Fixture (Lithonia RAZ24-M6) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	165.92 -5.51 -9.66 -16.59 -23.52	32.74
26 51	19 00-0006	EA	9" Length x 3-1/2 Width x 1" Depth, Undercabinet/Modular General Purpose LED Fixture (Progressive P7002) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	121.55 -4.16 -7.19 -12.16 -17.12	26.80
26 51	19 00-0007	EA	12" Length x 3-1/2 Width x 1" Depth, Undercabinet/Modular General Purpose LED Fixture (Progressive P7012) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	133.24 -4.45 -7.78 -13.32 -18.87	26.80
26 51	19 00-0008	EA	18" Length x 3-1/2 Width x 1" Depth, Undercabinet/Modular General Purpose LED Fixture (Progressive P7005) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	151.02 -4.89 -8.67 -15.10 -21.54	26.80
26 51	19 00-0009	EA	24" Length x 3-1/2 Width x 1" Depth, Undercabinet/Modular General Purpose LED Fixture (Progressive P7013) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	168.24 -5.32 -9.53 -16.82 -24.12	26.80

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0010 EA 24" HIDE-A-LITE V Series LED Undercabinet Fixture (Progress Lighting P700003-028-30).....	155.35	26.80
<i>For >50 To 100, Deduct</i>	-5.00	
<i>For >100 To 250, Deduct</i>	-8.88	
<i>For >250 To 500, Deduct</i>	-15.54	
<i>For >500, Deduct</i>	-22.19	
26 51 19 00-0011 Surface Mount Linear/Striplight LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0012 Striplight LED Fixtures (Lithonia ZL) (26 51 19 00-0011)		
26 51 19 00-0013 EA 3,000 Lumens, 2' Length, LED Striplight Fixture (Lithonia ZL1).....	200.97	29.77
<i>For >50 To 100, Deduct</i>	-6.14	
<i>For >100 To 250, Deduct</i>	-11.17	
<i>For >250 To 500, Deduct</i>	-20.10	
<i>For >500, Deduct</i>	-29.03	
26 51 19 00-0014 EA 2,800 Lumens, 4' Length, LED Striplight Fixture (Lithonia ZL1).....	210.89	36.32
<i>For >50 To 100, Deduct</i>	-6.64	
<i>For >100 To 250, Deduct</i>	-11.91	
<i>For >250 To 500, Deduct</i>	-21.09	
<i>For >500, Deduct</i>	-30.27	
26 51 19 00-0015 EA 1,400 Lumens, 2' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	230.78	29.77
<i>For >50 To 100, Deduct</i>	-6.89	
<i>For >100 To 250, Deduct</i>	-12.66	
<i>For >250 To 500, Deduct</i>	-23.08	
<i>For >500, Deduct</i>	-33.50	
26 51 19 00-0016 EA 2,300 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	240.70	36.32
<i>For >50 To 100, Deduct</i>	-7.38	
<i>For >100 To 250, Deduct</i>	-13.40	
<i>For >250 To 500, Deduct</i>	-24.07	
<i>For >500, Deduct</i>	-34.74	
26 51 19 00-0017 EA 4,600 Lumens, 4' Length, Lensed LED Striplight Fixture (Lithonia ZL2).....	301.17	36.32
<i>For >50 To 100, Deduct</i>	-8.89	
<i>For >100 To 250, Deduct</i>	-16.42	
<i>For >250 To 500, Deduct</i>	-30.12	
<i>For >500, Deduct</i>	-43.81	
26 51 19 00-0018 Striplight LED Fixtures (Lithonia ZL1D) (26 51 19 00-0011)		
26 51 19 00-0019 EA 1,985 Lumens, 17 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 30K 80CRI).....	162.98	29.77
<i>For >50 To 100, Deduct</i>	-5.19	
<i>For >100 To 250, Deduct</i>	-9.27	
<i>For >250 To 500, Deduct</i>	-16.30	
<i>For >500, Deduct</i>	-23.33	
26 51 19 00-0020 EA 2,030 Lumens, 17 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 35K 80CRI).....	162.98	29.77
<i>For >50 To 100, Deduct</i>	-5.19	
<i>For >100 To 250, Deduct</i>	-9.27	
<i>For >250 To 500, Deduct</i>	-16.30	
<i>For >500, Deduct</i>	-23.33	
26 51 19 00-0021 EA 2,061 Lumens, 17 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 40K 80CRI).....	162.98	29.77
<i>For >50 To 100, Deduct</i>	-5.19	
<i>For >100 To 250, Deduct</i>	-9.27	
<i>For >250 To 500, Deduct</i>	-16.30	
<i>For >500, Deduct</i>	-23.33	
26 51 19 00-0022 EA 2,137 Lumens, 17 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 1500LM MVOLT 50K 80CRI).....	162.98	29.77
<i>For >50 To 100, Deduct</i>	-5.19	
<i>For >100 To 250, Deduct</i>	-9.27	
<i>For >250 To 500, Deduct</i>	-16.30	
<i>For >500, Deduct</i>	-23.33	
26 51 19 00-0023 EA 2,682 Lumens, 22 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 30K 80CRI).....	184.55	29.77
<i>For >50 To 100, Deduct</i>	-5.73	
<i>For >100 To 250, Deduct</i>	-10.34	
<i>For >250 To 500, Deduct</i>	-18.46	
<i>For >500, Deduct</i>	-26.57	
26 51 19 00-0024 EA 2,742 Lumens, 22 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 35K 80CRI).....	184.55	29.77
<i>For >50 To 100, Deduct</i>	-5.73	
<i>For >100 To 250, Deduct</i>	-10.34	
<i>For >250 To 500, Deduct</i>	-18.46	
<i>For >500, Deduct</i>	-26.57	
26 51 19 00-0025 EA 2,785 Lumens, 22 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 40K 80CRI).....	184.55	29.77
<i>For >50 To 100, Deduct</i>	-5.73	
<i>For >100 To 250, Deduct</i>	-10.34	
<i>For >250 To 500, Deduct</i>	-18.46	
<i>For >500, Deduct</i>	-26.57	
26 51 19 00-0026 EA 2,887 Lumens, 22 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 2500LM MVOLT 50K 80CRI).....	184.55	29.77
<i>For >50 To 100, Deduct</i>	-5.73	
<i>For >100 To 250, Deduct</i>	-10.34	
<i>For >250 To 500, Deduct</i>	-18.46	
<i>For >500, Deduct</i>	-26.57	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0027	EA	4,099 Lumens, 36 Watt, 2' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 30K 80CRI)	195.27	29.77
			<i>For >50 To 100, Deduct</i>	-6.00	
			<i>For >100 To 250, Deduct</i>	-10.88	
			<i>For >250 To 500, Deduct</i>	-19.53	
			<i>For >500, Deduct</i>	-28.17	
26 51	19 00-0028	EA	4,190 Lumens, 36 Watt, 2' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 35K 80CRI)	195.27	29.77
			<i>For >50 To 100, Deduct</i>	-6.00	
			<i>For >100 To 250, Deduct</i>	-10.88	
			<i>For >250 To 500, Deduct</i>	-19.53	
			<i>For >500, Deduct</i>	-28.17	
26 51	19 00-0029	EA	4,255 Lumens, 36 Watt, 2' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 40K 80CRI)	195.27	29.77
			<i>For >50 To 100, Deduct</i>	-6.00	
			<i>For >100 To 250, Deduct</i>	-10.88	
			<i>For >250 To 500, Deduct</i>	-19.53	
			<i>For >500, Deduct</i>	-28.17	
26 51	19 00-0030	EA	4,412 Lumens, 36 Watt, 2' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L24 3500LM MVOLT 50K 80CRI)	195.27	29.77
			<i>For >50 To 100, Deduct</i>	-6.00	
			<i>For >100 To 250, Deduct</i>	-10.88	
			<i>For >250 To 500, Deduct</i>	-19.53	
			<i>For >500, Deduct</i>	-28.17	
26 51	19 00-0031	EA	3,880 Lumens, 30 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 30K 80CRI)	222.38	36.32
			<i>For >50 To 100, Deduct</i>	-6.92	
			<i>For >100 To 250, Deduct</i>	-12.48	
			<i>For >250 To 500, Deduct</i>	-22.24	
			<i>For >500, Deduct</i>	-31.99	
26 51	19 00-0032	EA	3,966 Lumens, 30 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 35K 80CRI)	222.38	36.32
			<i>For >50 To 100, Deduct</i>	-6.92	
			<i>For >100 To 250, Deduct</i>	-12.48	
			<i>For >250 To 500, Deduct</i>	-22.24	
			<i>For >500, Deduct</i>	-31.99	
26 51	19 00-0033	EA	4,028 Lumens, 30 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 40K 80CRI)	222.38	36.32
			<i>For >50 To 100, Deduct</i>	-6.92	
			<i>For >100 To 250, Deduct</i>	-12.48	
			<i>For >250 To 500, Deduct</i>	-22.24	
			<i>For >500, Deduct</i>	-31.99	
26 51	19 00-0034	EA	4,176 Lumens, 30 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 3000LM MVOLT 50K 80CRI)	222.38	36.32
			<i>For >50 To 100, Deduct</i>	-6.92	
			<i>For >100 To 250, Deduct</i>	-12.48	
			<i>For >250 To 500, Deduct</i>	-22.24	
			<i>For >500, Deduct</i>	-31.99	
26 51	19 00-0035	EA	5,337 Lumens, 41 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 30K 80CRI)	233.10	36.32
			<i>For >50 To 100, Deduct</i>	-7.19	
			<i>For >100 To 250, Deduct</i>	-13.02	
			<i>For >250 To 500, Deduct</i>	-23.31	
			<i>For >500, Deduct</i>	-33.60	
26 51	19 00-0036	EA	5,456 Lumens, 41 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 35K 80CRI)	233.10	36.32
			<i>For >50 To 100, Deduct</i>	-7.19	
			<i>For >100 To 250, Deduct</i>	-13.02	
			<i>For >250 To 500, Deduct</i>	-23.31	
			<i>For >500, Deduct</i>	-33.60	
26 51	19 00-0037	EA	5,541 Lumens, 41 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 40K 80CRI)	233.10	36.32
			<i>For >50 To 100, Deduct</i>	-7.19	
			<i>For >100 To 250, Deduct</i>	-13.02	
			<i>For >250 To 500, Deduct</i>	-23.31	
			<i>For >500, Deduct</i>	-33.60	
26 51	19 00-0038	EA	5,745 Lumens, 41 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 5000LM MVOLT 50K 80CRI)	233.10	36.32
			<i>For >50 To 100, Deduct</i>	-7.19	
			<i>For >100 To 250, Deduct</i>	-13.02	
			<i>For >250 To 500, Deduct</i>	-23.31	
			<i>For >500, Deduct</i>	-33.60	
26 51	19 00-0039	EA	7,317 Lumens, 59 Watt, 4' Length, 3000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 30K 80CRI)	243.83	36.32
			<i>For >50 To 100, Deduct</i>	-7.46	
			<i>For >100 To 250, Deduct</i>	-13.56	
			<i>For >250 To 500, Deduct</i>	-24.38	
			<i>For >500, Deduct</i>	-35.21	
26 51	19 00-0040	EA	7,480 Lumens, 59 Watt, 4' Length, 3500K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 35K 80CRI)	243.83	36.32
			<i>For >50 To 100, Deduct</i>	-7.46	
			<i>For >100 To 250, Deduct</i>	-13.56	
			<i>For >250 To 500, Deduct</i>	-24.38	
			<i>For >500, Deduct</i>	-35.21	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0041 EA 7,596 Lumens, 59 Watt, 4' Length, 4000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 40K 80CRI).....	243.83	36.32
<i>For >50 To 100, Deduct</i>	-7.46	
<i>For >100 To 250, Deduct</i>	-13.56	
<i>For >250 To 500, Deduct</i>	-24.38	
<i>For >500, Deduct</i>	-35.21	
26 51 19 00-0042 EA 7,876 Lumens, 59 Watt, 4' Length, 5000K CCT, LED Striplight (Lithonia Lighting ZL1D L48 7000LM MVOLT 50K 80CRI).....	243.83	36.32
<i>For >50 To 100, Deduct</i>	-7.46	
<i>For >100 To 250, Deduct</i>	-13.56	
<i>For >250 To 500, Deduct</i>	-24.38	
<i>For >500, Deduct</i>	-35.21	
26 51 19 00-0043 Striplight LED Fixtures (Lithonia TZL1D) <small>(26 51 19 00-0011)</small>		
26 51 19 00-0044 EA 8,077 Lumens, 60 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 30K 80CRI).....	400.08	42.97
<i>For >50 To 100, Deduct</i>	-11.61	
<i>For >100 To 250, Deduct</i>	-21.62	
<i>For >250 To 500, Deduct</i>	-40.01	
<i>For >500, Deduct</i>	-58.40	
26 51 19 00-0045 EA 8,257 Lumens, 60 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 35K 80CRI).....	400.08	42.97
<i>For >50 To 100, Deduct</i>	-11.61	
<i>For >100 To 250, Deduct</i>	-21.62	
<i>For >250 To 500, Deduct</i>	-40.01	
<i>For >500, Deduct</i>	-58.40	
26 51 19 00-0046 EA 8,386 Lumens, 60 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 40K 80CRI).....	400.08	42.97
<i>For >50 To 100, Deduct</i>	-11.61	
<i>For >100 To 250, Deduct</i>	-21.62	
<i>For >250 To 500, Deduct</i>	-40.01	
<i>For >500, Deduct</i>	-58.40	
26 51 19 00-0047 EA 8,694 Lumens, 60 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 6000LM MVOLT 50K 80CRI).....	400.08	42.97
<i>For >50 To 100, Deduct</i>	-11.61	
<i>For >100 To 250, Deduct</i>	-21.62	
<i>For >250 To 500, Deduct</i>	-40.01	
<i>For >500, Deduct</i>	-58.40	
26 51 19 00-0048 EA 11,021 Lumens, 81 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 30K 80CRI).....	421.53	42.97
<i>For >50 To 100, Deduct</i>	-12.15	
<i>For >100 To 250, Deduct</i>	-22.69	
<i>For >250 To 500, Deduct</i>	-42.15	
<i>For >500, Deduct</i>	-61.62	
26 51 19 00-0049 EA 11,267 Lumens, 81 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 35K 80CRI).....	421.53	42.97
<i>For >50 To 100, Deduct</i>	-12.15	
<i>For >100 To 250, Deduct</i>	-22.69	
<i>For >250 To 500, Deduct</i>	-42.15	
<i>For >500, Deduct</i>	-61.62	
26 51 19 00-0050 EA 11,442 Lumens, 81 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 40K 80CRI).....	421.53	42.97
<i>For >50 To 100, Deduct</i>	-12.15	
<i>For >100 To 250, Deduct</i>	-22.69	
<i>For >250 To 500, Deduct</i>	-42.15	
<i>For >500, Deduct</i>	-61.62	
26 51 19 00-0051 EA 11,864 Lumens, 81 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 10000LM MVOLT 50K 80CRI).....	421.53	42.97
<i>For >50 To 100, Deduct</i>	-12.15	
<i>For >100 To 250, Deduct</i>	-22.69	
<i>For >250 To 500, Deduct</i>	-42.15	
<i>For >500, Deduct</i>	-61.62	
26 51 19 00-0052 EA 15,397 Lumens, 121 Watt, 8' Length, 3000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 30K 80CRI).....	443.10	42.97
<i>For >50 To 100, Deduct</i>	-12.69	
<i>For >100 To 250, Deduct</i>	-23.77	
<i>For >250 To 500, Deduct</i>	-44.31	
<i>For >500, Deduct</i>	-64.85	
26 51 19 00-0053 EA 15,741 Lumens, 121 Watt, 8' Length, 3500K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 35K 80CRI).....	443.10	42.97
<i>For >50 To 100, Deduct</i>	-12.69	
<i>For >100 To 250, Deduct</i>	-23.77	
<i>For >250 To 500, Deduct</i>	-44.31	
<i>For >500, Deduct</i>	-64.85	
26 51 19 00-0054 EA 15,986 Lumens, 121 Watt, 8' Length, 4000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 40K 80CRI).....	443.10	42.97
<i>For >50 To 100, Deduct</i>	-12.69	
<i>For >100 To 250, Deduct</i>	-23.77	
<i>For >250 To 500, Deduct</i>	-44.31	
<i>For >500, Deduct</i>	-64.85	
26 51 19 00-0055 EA 16,574 Lumens, 121 Watt, 8' Length, 5000K CCT, LED Striplight (Lithonia Lighting TZL1D L96 14000LM MVOLT 50K 80CRI).....	443.10	42.97
<i>For >50 To 100, Deduct</i>	-12.69	
<i>For >100 To 250, Deduct</i>	-23.77	
<i>For >250 To 500, Deduct</i>	-44.31	
<i>For >500, Deduct</i>	-64.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0056			Striplight LED Fixtures (Mobern) <small>(26 51 19 00-0011)</small>		
26 51 19 00-0057	EA		1,100 Lumens, 12 Watt, 2' Length, Chrome, LED Bracket Fixture (Mobern 7924LED12DMV30)	211.24	29.77
			<i>For >50 To 100, Deduct</i>	-6.40	
			<i>For >100 To 250, Deduct</i>	-11.68	
			<i>For >250 To 500, Deduct</i>	-21.12	
			<i>For >500, Deduct</i>	-30.57	
26 51 19 00-0058			Striplight LED Fixtures (Eaton) <small>(26 51 19 00-0011)</small>		
26 51 19 00-0059	EA		2,301 Lumens, 18 Watt, 4' Length, LED Strip Lighting (Eaton Lighting 4SNLED-LD4-22SL-LC-UNV-L840-CD1-U)	268.88	36.32
			<i>For >50 To 100, Deduct</i>	-8.09	
			<i>For >100 To 250, Deduct</i>	-14.81	
			<i>For >250 To 500, Deduct</i>	-26.89	
			<i>For >500, Deduct</i>	-38.97	
26 51 19 00-0060	EA		2,382 Lumens, 16 Watt, 4' Length, LED Clear Lensed Striplight (Cooper Industries 4SNLED-LD5-22SL-LC-UNV-L840-CD1-U)	253.25	36.32
			<i>For >50 To 100, Deduct</i>	-7.70	
			<i>For >100 To 250, Deduct</i>	-14.03	
			<i>For >250 To 500, Deduct</i>	-25.33	
			<i>For >500, Deduct</i>	-36.62	
26 51 19 00-0061	EA		2,382 Lumens, 16 Watt, 4' Length, Clear Lens, LED Striplight (Cooper Industries Metalux Series 4SNLED-LD5-22SL-LC-UNV-830-CD1-U)	268.88	36.32
			<i>For >50 To 100, Deduct</i>	-8.09	
			<i>For >100 To 250, Deduct</i>	-14.81	
			<i>For >250 To 500, Deduct</i>	-26.89	
			<i>For >500, Deduct</i>	-38.97	
26 51 19 00-0062			Suspended Linear LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0063			Suspended, Pendant Mounted, Linear LED Fixtures (Lithonia GRD) <small>(26 51 19 00-0062)</small>		
26 51 19 00-0064	EA		3,303 Lumens, 25 Watt, 4' Length, 3000K CCT, 4' Length, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID800LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0065	EA		3,401 Lumens, 25 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID800LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0066	EA		3,456 Lumens, 25 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID800LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0067	EA		4,033 Lumens, 32 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1000LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0068	EA		4,153 Lumens, 32 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1000LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0069	EA		4,220 Lumens, 32 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1000LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0070	EA		4,843 Lumens, 40 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1300LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0071	EA		4,987 Lumens, 40 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1300LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0072	EA		5,067 Lumens, 40 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1300LMF)	692.36	36.32
			<i>For >50 To 100, Deduct</i>	-18.67	
			<i>For >100 To 250, Deduct</i>	-35.98	
			<i>For >250 To 500, Deduct</i>	-69.24	
			<i>For >500, Deduct</i>	-102.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0073 EA 5,841 Lumens, 51 Watt, 4' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 30K ID1500LMF).....	692.36	36.32
<i>For >50 To 100, Deduct</i>	-18.67	
<i>For >100 To 250, Deduct</i>	-35.98	
<i>For >250 To 500, Deduct</i>	-69.24	
<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0074 EA 6,015 Lumens, 51 Watt, 4' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 35K ID1500LMF).....	692.36	36.32
<i>For >50 To 100, Deduct</i>	-18.67	
<i>For >100 To 250, Deduct</i>	-35.98	
<i>For >250 To 500, Deduct</i>	-69.24	
<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0075 EA 6,111 Lumens, 51 Watt, 4' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL4 40K ID1500LMF).....	692.36	36.32
<i>For >50 To 100, Deduct</i>	-18.67	
<i>For >100 To 250, Deduct</i>	-35.98	
<i>For >250 To 500, Deduct</i>	-69.24	
<i>For >500, Deduct</i>	-102.49	
26 51 19 00-0076 EA 6,606 Lumens, 50 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID800LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0077 EA 6,802 Lumens, 50 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID800LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0078 EA 6,912 Lumens, 50 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID800LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0079 EA 8,066 Lumens, 64 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1000LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0080 EA 8,303 Lumens, 64 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1000LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0081 EA 8,440 Lumens, 64 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1000LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0082 EA 9,686 Lumens, 80 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1300LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0083 EA 9,974 Lumens, 80 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1300LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0084 EA 10,134 Lumens, 80 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1300LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0085 EA 11,682 Lumens, 102 Watt, 8' Length, 3000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 30K ID1500LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	
26 51 19 00-0086 EA 12,030 Lumens, 102 Watt, 8' Length, 3500K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 35K ID1500LMF).....	1,034.15	42.97
<i>For >50 To 100, Deduct</i>	-27.47	
<i>For >100 To 250, Deduct</i>	-53.32	
<i>For >250 To 500, Deduct</i>	-103.42	
<i>For >500, Deduct</i>	-153.51	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 51 19 00-0087	EA	12,222 Lumens, 102 Watt, 8' Length, 4000K CCT, Grad Linear, Suspended LED Light (Lithonia Lighting GRD LSL MSL8 40K ID1500LMF).....	1,034.15		42.97
		<i>For >50 To 100, Deduct</i>	-27.47		
		<i>For >100 To 250, Deduct</i>	-53.32		
		<i>For >250 To 500, Deduct</i>	-103.42		
		<i>For >500, Deduct</i>	-153.51		
26 51 19 00-0088		Lay-In/Troffer LED Fixtures (26 51 19 00-0001)			
26 51 19 00-0089		Prismatic Lensed, Lay-In/Troffer LED Fixtures (26 51 19 00-0088)			
26 51 19 00-0090		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0089)			
26 51 19 00-0091	EA	1' x 4', 4,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia TL4)	575.42		36.02
		<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	42.42		
		<i>For >50 To 100, Deduct</i>	-15.75		
		<i>For >100 To 250, Deduct</i>	-30.14		
		<i>For >250 To 500, Deduct</i>	-57.54		
		<i>For >500, Deduct</i>	-84.95		
26 51 19 00-0092	EA	2' x 2', 3,300 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL2)	317.67		39.69
		<i>For Drywall Or Plaster Ceilings, Add</i>	26.79		
		<i>For >50 To 100, Deduct</i>	-9.43		
		<i>For >100 To 250, Deduct</i>	-17.37		
		<i>For >250 To 500, Deduct</i>	-31.77		
		<i>For >500, Deduct</i>	-46.16		
26 51 19 00-0093	EA	2' x 4', 4,600 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lithonia 2TL4)	579.11		46.24
		<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	46.32		
		<i>For >50 To 100, Deduct</i>	-16.21		
		<i>For >100 To 250, Deduct</i>	-30.69		
		<i>For >250 To 500, Deduct</i>	-57.91		
		<i>For >500, Deduct</i>	-85.13		
26 51 19 00-0094		Prismatic Lensed, Lay-In/Troffer LED Fixtures (Lunera) (26 51 19 00-0089)			
26 51 19 00-0095	EA	1' x 4', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 14G4)	832.41		36.02
		<i>For >50 To 100, Deduct</i>	-22.17		
		<i>For >100 To 250, Deduct</i>	-42.99		
		<i>For >250 To 500, Deduct</i>	-83.24		
		<i>For >500, Deduct</i>	-123.50		
26 51 19 00-0096	EA	2' x 2', 3,200 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 22G5)	582.71		39.69
		<i>For >50 To 100, Deduct</i>	-16.06		
		<i>For >100 To 250, Deduct</i>	-30.62		
		<i>For >250 To 500, Deduct</i>	-58.27		
		<i>For >500, Deduct</i>	-85.92		
26 51 19 00-0097	EA	2' x 4', 4,175 Lumens, Prismatic Lensed, Lay-In/Troffer LED Fixture (Lunera® 24G4)	760.19		46.24
		<i>For >50 To 100, Deduct</i>	-20.74		
		<i>For >100 To 250, Deduct</i>	-39.75		
		<i>For >250 To 500, Deduct</i>	-76.02		
		<i>For >500, Deduct</i>	-112.29		
26 51 19 00-0098		Prismatic Lensed, Lay-In/Troffer LED Fixtures (PlanLED) (26 51 19 00-0089)			
26 51 19 00-0099	EA	2,591 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E).....	381.20		39.69
		<i>For >50 To 100, Deduct</i>	-11.02		
		<i>For >100 To 250, Deduct</i>	-20.55		
		<i>For >250 To 500, Deduct</i>	-38.12		
		<i>For >500, Deduct</i>	-55.69		
26 51 19 00-0100	EA	3,883 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED FTB4E).....	422.70		39.69
		<i>For >50 To 100, Deduct</i>	-12.06		
		<i>For >100 To 250, Deduct</i>	-22.62		
		<i>For >250 To 500, Deduct</i>	-42.27		
		<i>For >500, Deduct</i>	-61.92		
26 51 19 00-0101	EA	3,700 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-40)	358.37		39.69
		<i>For >50 To 100, Deduct</i>	-10.45		
		<i>For >100 To 250, Deduct</i>	-19.41		
		<i>For >250 To 500, Deduct</i>	-35.84		
		<i>For >500, Deduct</i>	-52.27		
26 51 19 00-0102	EA	4,200 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-45)	358.37		39.69
		<i>For >50 To 100, Deduct</i>	-10.45		
		<i>For >100 To 250, Deduct</i>	-19.41		
		<i>For >250 To 500, Deduct</i>	-35.84		
		<i>For >500, Deduct</i>	-52.27		
26 51 19 00-0103	EA	4,600 Lumens, 2' x 2', Prismatic Lensed, Lay-In/Troffer LED Fixture (PlanLED BL220-50)	385.35		39.69
		<i>For >50 To 100, Deduct</i>	-11.12		
		<i>For >100 To 250, Deduct</i>	-20.76		
		<i>For >250 To 500, Deduct</i>	-38.54		
		<i>For >500, Deduct</i>	-56.31		
26 51 19 00-0104		Volumetric, Lay-In/Troffer LED Fixtures (26 51 19 00-0088)			
26 51 19 00-0105		Volumetric, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0104)			

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0106	EA	1' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4) <i>For Drywall Or Plaster Ceilings, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	450.87 24.56 -12.64 -23.91 -45.09 -66.27	36.02
26 51	19 00-0107	EA	1' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia RTL4) <i>For Drywall Or Plaster Ceilings, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	683.56 24.56 -18.45 -35.54 -68.36 -101.17	36.02
26 51	19 00-0108	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	528.50 41.31 -14.70 -27.91 -52.85 -77.79	39.69
26 51	19 00-0109	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	608.50 45.31 -16.70 -31.91 -60.85 -89.79	39.69
26 51	19 00-0110	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	672.51 -18.30 -35.11 -67.25 -99.39	39.69
26 51	19 00-0111	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	682.44 51.49 -18.80 -35.86 -68.24 -100.63	46.24
26 51	19 00-0112	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	746.44 54.69 -20.40 -39.06 -74.64 -110.23	46.24
26 51	19 00-0113	EA	2' x 4', 6,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture (Lithonia 2RTL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	810.45 57.89 -22.00 -42.26 -81.05 -119.83	46.24
26 51	19 00-0114	EA	2' x 2', 2,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	464.51 38.11 -13.10 -24.71 -46.45 -68.19	39.69
26 51	19 00-0115	EA	2' x 2', 3,300 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	544.50 42.11 -15.10 -28.71 -54.45 -80.19	39.69
26 51	19 00-0116	EA	2' x 2', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL2) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	592.49 44.51 -16.30 -31.11 -59.25 -87.39	39.69
26 51	19 00-0117	EA	2' x 4', 3,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	586.44 46.69 -16.40 -31.06 -58.64 -86.23	46.24
26 51	19 00-0118	EA	2' x 4', 4,000 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4) <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	618.43 48.29 -17.20 -32.66 -61.84 -91.03	46.24

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0119	EA	2' x 4', 4,800 Lumens, Volumetric, Lay-In/Troffer LED Fixture With Acrylic Linear Prismatic Diffuser (Lithonia 2VTL4).....	682.44	46.24
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	51.49	
			<i>For >50 To 100, Deduct</i>	-18.80	
			<i>For >100 To 250, Deduct</i>	-35.86	
			<i>For >250 To 500, Deduct</i>	-68.24	
			<i>For >500, Deduct</i>	-100.63	
26 51	19 00-0120		Architectural, Lay-In/Troffer LED Fixtures (26 51 19 00-0088)		
26 51	19 00-0121		Architectural, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0120)		
			Note: Includes 4,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51	19 00-0122	EA	2,100 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	358.94	46.24
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	35.31	
			<i>For >50 To 100, Deduct</i>	-10.71	
			<i>For >100 To 250, Deduct</i>	-19.68	
			<i>For >250 To 500, Deduct</i>	-35.89	
			<i>For >500, Deduct</i>	-52.10	
26 51	19 00-0123	EA	4,300 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	420.64	46.24
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	38.40	
			<i>For >50 To 100, Deduct</i>	-12.25	
			<i>For >100 To 250, Deduct</i>	-22.77	
			<i>For >250 To 500, Deduct</i>	-42.06	
			<i>For >500, Deduct</i>	-61.36	
26 51	19 00-0124	EA	6,400 Lumens, 1' x 4', Architectural, Lay-In/Troffer LED Fixture (Lithonia ALL4).....	476.17	46.24
			<i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i>	41.18	
			<i>For >50 To 100, Deduct</i>	-13.64	
			<i>For >100 To 250, Deduct</i>	-25.55	
			<i>For >250 To 500, Deduct</i>	-47.62	
			<i>For >500, Deduct</i>	-69.69	
26 51	19 00-0125		Architectural, Lay-In/Troffer LED Fixtures (CREE® CR Series) (26 51 19 00-0120)		
			Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51	19 00-0126	EA	1' x 4', 2,200 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™).....	486.54	46.24
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	141.95	
			<i>For Surface Mount, Add</i>	269.47	
			<i>For >50 To 100, Deduct</i>	-13.90	
			<i>For >100 To 250, Deduct</i>	-26.06	
			<i>For >250 To 500, Deduct</i>	-48.65	
			<i>For >500, Deduct</i>	-71.24	
26 51	19 00-0127	EA	1' x 4', 3,100 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™).....	526.59	46.24
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	141.95	
			<i>For Surface Mount, Add</i>	269.47	
			<i>For >50 To 100, Deduct</i>	-14.90	
			<i>For >100 To 250, Deduct</i>	-28.07	
			<i>For >250 To 500, Deduct</i>	-52.66	
			<i>For >500, Deduct</i>	-77.25	
26 51	19 00-0128	EA	1' x 4', 4,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™).....	526.59	46.24
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	141.95	
			<i>For Surface Mount, Add</i>	269.47	
			<i>For >50 To 100, Deduct</i>	-14.90	
			<i>For >100 To 250, Deduct</i>	-28.07	
			<i>For >250 To 500, Deduct</i>	-52.66	
			<i>For >500, Deduct</i>	-77.25	
26 51	19 00-0129	EA	1' x 4', 5,000 Lumens, Architectural, Lay-In/Troffer LED Fixture (Cree® CR14™).....	585.72	46.24
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	141.95	
			<i>For Surface Mount, Add</i>	269.47	
			<i>For >50 To 100, Deduct</i>	-16.38	
			<i>For >100 To 250, Deduct</i>	-31.02	
			<i>For >250 To 500, Deduct</i>	-58.57	
			<i>For >500, Deduct</i>	-86.12	
26 51	19 00-0130	EA	2' x 2', 2,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™).....	453.95	39.69
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	124.39	
			<i>For Surface Mount, Add</i>	254.14	
			<i>For >50 To 100, Deduct</i>	-12.84	
			<i>For >100 To 250, Deduct</i>	-24.19	
			<i>For >250 To 500, Deduct</i>	-45.40	
			<i>For >500, Deduct</i>	-66.60	
26 51	19 00-0131	EA	2' x 2', 3,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR22™).....	427.02	39.69
			Note: CCT 30K to 50K		
			<i>For Expanded Size Junction Box For Through Wiring, Add</i>	5.34	
			<i>For Drywall Or Plaster Ceilings, Add</i>	124.39	
			<i>For Surface Mount, Add</i>	254.14	
			<i>For >50 To 100, Deduct</i>	-12.16	
			<i>For >100 To 250, Deduct</i>	-22.84	
			<i>For >250 To 500, Deduct</i>	-42.70	
			<i>For >500, Deduct</i>	-62.56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0132	EA		2' x 4', 2,200 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™).....	508.76	46.24
			Note: CCT 30K to 50K		
			For Expanded Size Junction Box For Through Wiring, Add	5.34	
			For Drywall Or Plaster Ceilings, Add	145.76	
			For Surface Mount, Add	294.27	
			For >50 To 100, Deduct	-14.46	
			For >100 To 250, Deduct	-27.17	
			For >250 To 500, Deduct	-50.88	
			For >500, Deduct	-74.58	
26 51 19 00-0133	EA		2' x 4', 3,100 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™).....	526.59	46.24
			Note: CCT 30K to 50K		
			For Expanded Size Junction Box For Through Wiring, Add	5.34	
			For Drywall Or Plaster Ceilings, Add	145.76	
			For Surface Mount, Add	294.27	
			For >50 To 100, Deduct	-14.90	
			For >100 To 250, Deduct	-28.07	
			For >250 To 500, Deduct	-52.66	
			For >500, Deduct	-77.25	
26 51 19 00-0134	EA		2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™).....	526.59	46.24
			Note: CCT 30K to 50K		
			For Expanded Size Junction Box For Through Wiring, Add	5.34	
			For Drywall Or Plaster Ceilings, Add	145.76	
			For Surface Mount, Add	294.27	
			For >50 To 100, Deduct	-14.90	
			For >100 To 250, Deduct	-28.07	
			For >250 To 500, Deduct	-52.66	
			For >500, Deduct	-77.25	
26 51 19 00-0135	EA		2' x 4', 4,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24 LHE™).....	677.27	46.24
			Note: CCT 30K to 50K		
			For Expanded Size Junction Box For Through Wiring, Add	5.34	
			For Drywall Or Plaster Ceilings, Add	145.76	
			For Surface Mount, Add	294.27	
			For >50 To 100, Deduct	-18.67	
			For >100 To 250, Deduct	-35.60	
			For >250 To 500, Deduct	-67.73	
			For >500, Deduct	-99.85	
26 51 19 00-0136	EA		2' x 4', 5,000 Lumens, Architectural, 120-277 Volt, Lay-In/Troffer LED Fixture (Cree® CR24™).....	585.72	46.24
			Note: CCT 30K to 50K		
			For Expanded Size Junction Box For Through Wiring, Add	5.34	
			For Drywall Or Plaster Ceilings, Add	145.76	
			For Surface Mount, Add	294.27	
			For >50 To 100, Deduct	-16.38	
			For >100 To 250, Deduct	-31.02	
			For >250 To 500, Deduct	-58.57	
			For >500, Deduct	-86.12	
26 51 19 00-0137			Architectural, Lay-In/Troffer LED Fixtures (Metalux®) <small>(26 51 19 00-0120)</small>		
			Note: Includes 3,000K, 3,500 or 4,000K color temperature, 120/277 voltage and code gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0138	EA		2' x 2', 2,500 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	257.22	39.69
			For >50 To 100, Deduct	-7.92	
			For >100 To 250, Deduct	-14.35	
			For >250 To 500, Deduct	-25.72	
			For >500, Deduct	-37.09	
26 51 19 00-0139	EA		2' x 4', 4,700 Lumens, Architectural, Lay-In/Troffer LED Fixture (Metalux® Accord™ 2AC).....	341.74	46.24
			For >50 To 100, Deduct	-10.28	
			For >100 To 250, Deduct	-18.82	
			For >250 To 500, Deduct	-34.17	
			For >500, Deduct	-49.52	
26 51 19 00-0140			Architectural, Lay-In/Troffer LED Fixtures (Finelite) <small>(26 51 19 00-0120)</small>		
			Note: Includes 3,000K color temperature, 120/277 voltage and 20 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0141	EA		2' x 2', 4,301 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2).....	381.75	39.69
			For >50 To 100, Deduct	-11.03	
			For >100 To 250, Deduct	-20.58	
			For >250 To 500, Deduct	-38.18	
			For >500, Deduct	-55.77	
26 51 19 00-0142	EA		2' x 4', 4,671 Lumens, Architectural, Lay-In/Troffer LED Fixture (Finelite HPR LED A 2x2).....	519.01	46.64
			For >50 To 100, Deduct	-14.71	
			For >100 To 250, Deduct	-27.69	
			For >250 To 500, Deduct	-51.90	
			For >500, Deduct	-76.11	
26 51 19 00-0143			Shadow Box Style, Lay-In/Troffer LED Fixtures <small>(26 51 19 00-0088)</small>		
26 51 19 00-0144			Shadow Box Style, Lay-In/Troffer LED Fixtures (Lithonia SBSL) <small>(26 51 19 00-0143)</small>		
26 51 19 00-0145	EA		2' x 2', 3,300 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL2).....	611.03	39.69
			For Drywall Or Plaster Ceilings, Add	26.79	
			For >50 To 100, Deduct	-16.76	
			For >100 To 250, Deduct	-32.04	
			For >250 To 500, Deduct	-61.10	
			For >500, Deduct	-90.17	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0146	EA	2' x 4', 4,600 Lumens, Shadow Box Style, Lay-In/Troffer LED Fixture (Lithonia 2SBSL4)..... <i>For Drywall Or Plaster Ceilings With Frame Kit, Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	835.19 59.13 -22.62 -43.50 -83.52 -123.54	46.24
26 51	19 00-0147		Panel Type, Lay-In/Troffer LED Fixtures (26 51 19 00-0088)		
26 51	19 00-0148		Panel Type, Lay-In/Troffer LED Fixtures (PlanLED Galaxy) (26 51 19 00-0147)		
26 51	19 00-0149	EA	1' x 4', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL140-34) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	413.47 -12.07 -22.41 -41.35 -60.28	46.24
26 51	19 00-0150	EA	2' x 2', 3,100 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL220-34) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	429.95 -12.49 -23.23 -43.00 -62.76	46.24
26 51	19 00-0151	EA	2' x 4', 4,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-40) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	539.12 -15.21 -28.69 -53.91 -79.13	46.24
26 51	19 00-0152	EA	2' x 4', 5,000 Lumens, Panel Type, Lay-In/Troffer LED Fixture (PlanLED Galaxy GL240-52) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	539.12 -15.21 -28.69 -53.91 -79.13	46.24
26 51	19 00-0153		Panel Type, Lay-In/Troffer LED Fixtures (Sylvania) (26 51 19 00-0147)		
26 51	19 00-0154	EA	1' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/14G/WH)..... <i>For Surface Mounting Kit (Sylvania SMKIT1A/14A/WH), Add</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	214.25 54.08 -7.09 -12.45 -21.43 -30.40	46.24
26 51	19 00-0155	EA	2' x 2', 3,500 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/22G/WH)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	221.30 -7.27 -12.80 -22.13 -31.46	46.24
26 51	19 00-0156	EA	2' x 4', 3,300 Lumens, 32 Watt, LED Edge Lite Panel (Sylvania PANELF1A/032UNVD840/24G/WH)..... <i>For Surface Mounting Kit (Sylvania SMKIT1A/24A/WH)</i> <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	224.53 67.61 -7.35 -12.96 -22.45 -31.94	46.24
26 51	19 00-0157	EA	2' x 2', 3,300 Lumens, 32 Watt, 3500K CCT, LED Edge Lite Panel With Kit (Sylvania PANELF1A/032UNVD835/24G/WH_SMKIT1A/24A/WH)..... <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	529.21 -14.97 -28.20 -52.92 -77.64	46.24
26 51	19 00-0158		Panel Type, Lay-In/Troffer LED Fixtures (Lithonia) (26 51 19 00-0147)		
26 51	19 00-0159	EA	2' x 4', 4000/5000/6000 Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X4 40/50/60LM 35K M2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	253.68 -8.08 -14.42 -25.37 -36.32	46.24
26 51	19 00-0160	EA	2' x 4', 4000/5000/6000 Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X4 40/50/60LM 40K M2) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	253.68 -8.08 -14.42 -25.37 -36.32	46.24
26 51	19 00-0161	EA	2' x 2', 2400/3300/4000/Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X2 24/33/44LM 35K M4) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	203.37 -6.82 -11.91 -20.34 -28.77	46.24
26 51	19 00-0162	EA	2' x 2', 2400/3300/4000/Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 2X2 24/33/44LM 40K M4) <i>For >50 To 100, Deduct</i> <i>For >100 To 250, Deduct</i> <i>For >250 To 500, Deduct</i> <i>For >500, Deduct</i>	203.37 -6.82 -11.91 -20.34 -28.77	46.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0163	EA		1' x 4', 2400/3300/4000/Lumens, 3500K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 1X4 24/33/44LM 35K M4)	225.41	46.24
			<i>For >50 To 100, Deduct</i>	-7.37	
			<i>For >100 To 250, Deduct</i>	-13.01	
			<i>For >250 To 500, Deduct</i>	-22.54	
			<i>For >500, Deduct</i>	-32.07	
26 51 19 00-0164	EA		1' x 4', 2400/3300/4000/Lumens, 4000K CCT, LED Switchable Flat Panel Troffer (Lithonia Lighting CPANL 1X4 24/33/44LM 40K M4)	225.41	46.24
			<i>For >50 To 100, Deduct</i>	-7.37	
			<i>For >100 To 250, Deduct</i>	-13.01	
			<i>For >250 To 500, Deduct</i>	-22.54	
			<i>For >500, Deduct</i>	-32.07	
26 51 19 00-0165			Surface Mount LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0166			Surface Mount, Volumetric LED Fixtures (Lithonia STL) <small>(26 51 19 00-0165)</small>		
26 51 19 00-0167	EA		2' Length, 2,200 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL2)	315.62	29.77
			<i>For >50 To 100, Deduct</i>	-9.01	
			<i>For >100 To 250, Deduct</i>	-16.90	
			<i>For >250 To 500, Deduct</i>	-31.56	
			<i>For >500, Deduct</i>	-46.23	
26 51 19 00-0168	EA		4' Length, 3,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	282.58	36.32
			<i>For >50 To 100, Deduct</i>	-8.43	
			<i>For >100 To 250, Deduct</i>	-15.49	
			<i>For >250 To 500, Deduct</i>	-28.26	
			<i>For >500, Deduct</i>	-41.02	
26 51 19 00-0169	EA		4' Length, 4,000 Lumens, Surface Mount, Volumetric LED Fixture (Lithonia STL4)	319.06	36.32
			<i>For >50 To 100, Deduct</i>	-9.34	
			<i>For >100 To 250, Deduct</i>	-17.32	
			<i>For >250 To 500, Deduct</i>	-31.91	
			<i>For >500, Deduct</i>	-46.49	
26 51 19 00-0170			Surface Mount, Wraparound LED Fixtures (Lithonia LBL) <small>(26 51 19 00-0165)</small>		
26 51 19 00-0171	EA		2' Length, 2,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL2)	262.33	29.77
			<i>For >50 To 100, Deduct</i>	-7.67	
			<i>For >100 To 250, Deduct</i>	-14.23	
			<i>For >250 To 500, Deduct</i>	-26.23	
			<i>For >500, Deduct</i>	-38.23	
26 51 19 00-0172	EA		4' Length, 4,000 Lumens, Surface Mount, Wraparound LED Fixture (Lithonia LBL4)	345.20	36.32
			<i>For >50 To 100, Deduct</i>	-9.99	
			<i>For >100 To 250, Deduct</i>	-18.62	
			<i>For >250 To 500, Deduct</i>	-34.52	
			<i>For >500, Deduct</i>	-50.42	
26 51 19 00-0173			Surface Mount, Shadow Box Style LED Fixtures <small>(26 51 19 00-0165)</small>		
26 51 19 00-0174			Surface Mount, Shadow Box Style LED Fixtures (Lithonia SBSLX) <small>(26 51 19 00-0173)</small>		
26 51 19 00-0175	EA		2' x 2', 3,300 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX2)	786.12	39.69
			<i>For >50 To 100, Deduct</i>	-21.14	
			<i>For >100 To 250, Deduct</i>	-40.79	
			<i>For >250 To 500, Deduct</i>	-78.61	
			<i>For >500, Deduct</i>	-116.43	
26 51 19 00-0176	EA		2' x 4', 4,600 Lumens, Surface Mount, Shadow Box Style LED Fixture (Lithonia 2SBSLX4)	1,010.28	46.24
			<i>For >50 To 100, Deduct</i>	-26.99	
			<i>For >100 To 250, Deduct</i>	-52.25	
			<i>For >250 To 500, Deduct</i>	-101.03	
			<i>For >500, Deduct</i>	-149.81	
26 51 19 00-0177			Surface Mount, Low Profile Fixtures <small>(26 51 19 00-0165)</small>		
26 51 19 00-0178	EA		6" Diameter, 993 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8538-90)	99.06	27.21
			<i>For >50 To 100, Deduct</i>	-3.84	
			<i>For >100 To 250, Deduct</i>	-6.31	
			<i>For >250 To 500, Deduct</i>	-9.91	
			<i>For >500, Deduct</i>	-13.50	
26 51 19 00-0179	EA		6" Diameter, 1,215 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 8569)	79.68	27.21
			<i>For >50 To 100, Deduct</i>	-3.35	
			<i>For >100 To 250, Deduct</i>	-5.34	
			<i>For >250 To 500, Deduct</i>	-7.97	
			<i>For >500, Deduct</i>	-10.59	
26 51 19 00-0180	EA		13" Diameter, 1,400 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting - 4329)	139.76	27.21
			<i>For >50 To 100, Deduct</i>	-4.85	
			<i>For >100 To 250, Deduct</i>	-8.35	
			<i>For >250 To 500, Deduct</i>	-13.98	
			<i>For >500, Deduct</i>	-19.60	
26 51 19 00-0181	EA		15" Diameter, 2,100 Lumens, Low Profile Surface Mount, LED Fixture (RP Lighting 4330)	170.78	27.21
			<i>For >50 To 100, Deduct</i>	-5.63	
			<i>For >100 To 250, Deduct</i>	-9.90	
			<i>For >250 To 500, Deduct</i>	-17.08	
			<i>For >500, Deduct</i>	-24.26	
26 51 19 00-0182			Surface Mount, Wall Bracket Fixtures (Lithonia WL2) <small>(26 51 19 00-0165)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0183	EA	2', 771 Lumens, 7.5 Watt, 3000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 08L LP830).....	320.10	32.59
			<i>For >50 To 100, Deduct</i>	-9.22	
			<i>For >100 To 250, Deduct</i>	-17.23	
			<i>For >250 To 500, Deduct</i>	-32.01	
			<i>For >500, Deduct</i>	-46.79	
26 51	19 00-0184	EA	2', 809 Lumens, 7.5 Watt, 3500K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 08L LP835).....	315.88	29.77
			<i>For >50 To 100, Deduct</i>	-9.01	
			<i>For >100 To 250, Deduct</i>	-16.91	
			<i>For >250 To 500, Deduct</i>	-31.59	
			<i>For >500, Deduct</i>	-46.27	
26 51	19 00-0185	EA	2', 848 Lumens, 7.5 Watt, 4000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 08L LP840).....	315.88	29.77
			<i>For >50 To 100, Deduct</i>	-9.01	
			<i>For >100 To 250, Deduct</i>	-16.91	
			<i>For >250 To 500, Deduct</i>	-31.59	
			<i>For >500, Deduct</i>	-46.27	
26 51	19 00-0186	EA	2', 877 Lumens, 7.5 Watt, 5000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 08L LP850).....	315.88	29.77
			<i>For >50 To 100, Deduct</i>	-9.01	
			<i>For >100 To 250, Deduct</i>	-16.91	
			<i>For >250 To 500, Deduct</i>	-31.59	
			<i>For >500, Deduct</i>	-46.27	
26 51	19 00-0187	EA	2', 1,190 Lumens, 12.2 Watt, 3000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 12L LP830).....	368.09	29.77
			<i>For >50 To 100, Deduct</i>	-10.32	
			<i>For >100 To 250, Deduct</i>	-19.52	
			<i>For >250 To 500, Deduct</i>	-36.81	
			<i>For >500, Deduct</i>	-54.10	
26 51	19 00-0188	EA	2', 1,249 Lumens, 12.2 Watt, 3500K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 12L LP835).....	368.09	29.77
			<i>For >50 To 100, Deduct</i>	-10.32	
			<i>For >100 To 250, Deduct</i>	-19.52	
			<i>For >250 To 500, Deduct</i>	-36.81	
			<i>For >500, Deduct</i>	-54.10	
26 51	19 00-0189	EA	2', 1,311 Lumens, 12.2 Watt, 4000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 12L LP840).....	368.09	29.77
			<i>For >50 To 100, Deduct</i>	-10.32	
			<i>For >100 To 250, Deduct</i>	-19.52	
			<i>For >250 To 500, Deduct</i>	-36.81	
			<i>For >500, Deduct</i>	-54.10	
26 51	19 00-0190	EA	2', 1,364 Lumens, 12.2 Watt, 5000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 12L LP850).....	368.09	29.77
			<i>For >50 To 100, Deduct</i>	-10.32	
			<i>For >100 To 250, Deduct</i>	-19.52	
			<i>For >250 To 500, Deduct</i>	-36.81	
			<i>For >500, Deduct</i>	-54.10	
26 51	19 00-0191	EA	2', 1,711 Lumens, 17.5 Watt, 3000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 18L LP830).....	394.14	29.77
			<i>For >50 To 100, Deduct</i>	-10.97	
			<i>For >100 To 250, Deduct</i>	-20.82	
			<i>For >250 To 500, Deduct</i>	-39.41	
			<i>For >500, Deduct</i>	-58.00	
26 51	19 00-0192	EA	2', 1,796 Lumens, 17.5 Watt, 3500K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 18L LP835).....	394.14	29.77
			<i>For >50 To 100, Deduct</i>	-10.97	
			<i>For >100 To 250, Deduct</i>	-20.82	
			<i>For >250 To 500, Deduct</i>	-39.41	
			<i>For >500, Deduct</i>	-58.00	
26 51	19 00-0193	EA	2', 1,889 Lumens, 17.5 Watt, 4000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 18L LP840).....	394.14	29.77
			<i>For >50 To 100, Deduct</i>	-10.97	
			<i>For >100 To 250, Deduct</i>	-20.82	
			<i>For >250 To 500, Deduct</i>	-39.41	
			<i>For >500, Deduct</i>	-58.00	
26 51	19 00-0194	EA	2', 1,966 Lumens, 17.5 Watt, 5000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 18L LP850).....	394.14	29.77
			<i>For >50 To 100, Deduct</i>	-10.97	
			<i>For >100 To 250, Deduct</i>	-20.82	
			<i>For >250 To 500, Deduct</i>	-39.41	
			<i>For >500, Deduct</i>	-58.00	
26 51	19 00-0195	EA	2', 2,086 Lumens, 21 Watt, 3000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 22L LP830).....	394.14	29.77
			<i>For >50 To 100, Deduct</i>	-10.97	
			<i>For >100 To 250, Deduct</i>	-20.82	
			<i>For >250 To 500, Deduct</i>	-39.41	
			<i>For >500, Deduct</i>	-58.00	
26 51	19 00-0196	EA	2', 2,120.5 Lumens, 21 Watt, 3500K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 22L LP835).....	394.14	29.77
			<i>For >50 To 100, Deduct</i>	-10.97	
			<i>For >100 To 250, Deduct</i>	-20.82	
			<i>For >250 To 500, Deduct</i>	-39.41	
			<i>For >500, Deduct</i>	-58.00	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 51 19 00-0197	EA		2', 2,189.4 Lumens, 21 Watt, 4000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 22L LP840).....	394.14	29.77
				<i>For >50 To 100, Deduct</i>	-10.97	
				<i>For >100 To 250, Deduct</i>	-20.82	
				<i>For >250 To 500, Deduct</i>	-39.41	
				<i>For >500, Deduct</i>	-58.00	
	26 51 19 00-0198	EA		2', 2,258.4 Lumens, 21 Watt, 5000K CCT, Wall Bracket And Surface Mount LED Light Fixture (Lithonia Lighting WL2 22L LP850).....	394.14	29.77
				<i>For >50 To 100, Deduct</i>	-10.97	
				<i>For >100 To 250, Deduct</i>	-20.82	
				<i>For >250 To 500, Deduct</i>	-39.41	
				<i>For >500, Deduct</i>	-58.00	
	26 51 19 00-0199			Recessed LED Downlights (26 51 19 00-0001)		
	26 51 19 00-0200			Recessed LED Downlights (26 51 19 00-0199)		
	26 51 19 00-0201			Recessed LED Downlights (Lithonia) (26 51 19 00-0200) Note: Includes housing and trim.		
	26 51 19 00-0202	EA		8" Diameter, 1,200 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	358.71	47.80
				<i>For Dimming Driver And Sensor Switch nLight Dimming Relay, Add</i>	75.02	
				<i>For >50 To 100, Deduct</i>	-10.76	
				<i>For >100 To 250, Deduct</i>	-19.73	
				<i>For >250 To 500, Deduct</i>	-35.87	
				<i>For >500, Deduct</i>	-52.01	
	26 51 19 00-0203	EA		8" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lithonia DOM8 LED).....	389.56	47.80
				<i>For Dimming Driver And Sensor Switch nLight Dimming Relay, Add</i>	75.02	
				<i>For >50 To 100, Deduct</i>	-11.53	
				<i>For >100 To 250, Deduct</i>	-21.27	
				<i>For >250 To 500, Deduct</i>	-38.96	
				<i>For >500, Deduct</i>	-56.64	
	26 51 19 00-0204	EA		6" Round, 1,000 Lumens, 12.8 Watt, Open And Wall Wash LED Non-IC Downlight (Lithonia Lighting LDN6 35/10 MVOLT EZ10 HSG).....	330.34	47.80
				<i>For >50 To 100, Deduct</i>	-10.05	
				<i>For >100 To 250, Deduct</i>	-18.31	
				<i>For >250 To 500, Deduct</i>	-33.03	
				<i>For >500, Deduct</i>	-47.76	
	26 51 19 00-0205	EA		6" Round, 1,500 Lumens, 20.5 Watt, Open And Wall Wash LED Non-IC Downlight (Lithonia Lighting LDN6 35/15 MVOLT EZ10 HSG).....	339.64	47.80
				<i>For >50 To 100, Deduct</i>	-10.28	
				<i>For >100 To 250, Deduct</i>	-18.77	
				<i>For >250 To 500, Deduct</i>	-33.96	
				<i>For >500, Deduct</i>	-49.15	
	26 51 19 00-0206	EA		6" Round, 2,000 Lumens, 22.6 Watt, Open And Wall Wash LED Non-IC Downlight (Lithonia Lighting LDN6 35/20 MVOLT EZ10 HSG).....	348.94	47.80
				<i>For >50 To 100, Deduct</i>	-10.52	
				<i>For >100 To 250, Deduct</i>	-19.24	
				<i>For >250 To 500, Deduct</i>	-34.89	
				<i>For >500, Deduct</i>	-50.55	
	26 51 19 00-0207	EA		6" Round, 2,500 Lumens, 27.1 Watt, Open And Wall Wash LED Non-IC Downlight (Lithonia Lighting LDN6 35/25 MVOLT EZ10 HSG).....	386.16	47.80
				<i>For >50 To 100, Deduct</i>	-11.45	
				<i>For >100 To 250, Deduct</i>	-21.10	
				<i>For >250 To 500, Deduct</i>	-38.62	
				<i>For >500, Deduct</i>	-56.13	
	26 51 19 00-0208	EA		6" Round, 3,000 Lumens, 34.7 Watt, Open And Wall Wash LED Non-IC Downlight (Lithonia Lighting LDN6 35/25 MVOLT EZ10 HSG).....	404.77	47.80
				<i>For >50 To 100, Deduct</i>	-11.91	
				<i>For >100 To 250, Deduct</i>	-22.03	
				<i>For >250 To 500, Deduct</i>	-40.48	
				<i>For >500, Deduct</i>	-58.92	
	26 51 19 00-0209			Recessed LED Downlights (Portfolio®) (26 51 19 00-0200) Note: Includes housing and trim.		
	26 51 19 00-0210	EA		4" Diameter, 1,300 Lumens, Recessed LED Downlight With Open Trim (Portfolio® LD413).....	227.49	47.80
				<i>For >50 To 100, Deduct</i>	-7.48	
				<i>For >100 To 250, Deduct</i>	-13.17	
				<i>For >250 To 500, Deduct</i>	-22.75	
				<i>For >500, Deduct</i>	-32.33	
	26 51 19 00-0211			Recessed LED Downlights (Gotham® EVO®) (26 51 19 00-0200) Note: Includes housing and trim.		
	26 51 19 00-0212	EA		6" Diameter, 1,800 Lumens, Recessed LED Downlight With Open Trim (Gotham® EVO® ALED).....	276.29	47.80
				<i>For >50 To 100, Deduct</i>	-8.70	
				<i>For >100 To 250, Deduct</i>	-15.61	
				<i>For >250 To 500, Deduct</i>	-27.63	
				<i>For >500, Deduct</i>	-39.65	
	26 51 19 00-0213	EA		6" Diameter, 1,800 Lumens, Recessed LED Shower Downlight With Non-Conductive Regressed Lens (Gotham® EVO® ALED).....	284.96	47.80
				<i>For >50 To 100, Deduct</i>	-8.92	
				<i>For >100 To 250, Deduct</i>	-16.04	
				<i>For >250 To 500, Deduct</i>	-28.50	
				<i>For >500, Deduct</i>	-40.95	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0214	EA	6" Diameter, 1,800 Lumens, Recessed LED Wallwash Downlight With Specular Reflector Trim (Gotham® EVO® DLWLED).....	320.52	47.80
			<i>For >50 To 100, Deduct</i>	-9.81	
			<i>For >100 To 250, Deduct</i>	-17.82	
			<i>For >250 To 500, Deduct</i>	-32.05	
			<i>For >500, Deduct</i>	-46.29	
26 51	19 00-0215	EA	6" Diameter, 1,800 Lumens, Decorative Recessed LED Downlight With Glass Drop Luminous Ring (Gotham® EVO® ALED).....	324.00	47.80
			<i>For >50 To 100, Deduct</i>	-9.89	
			<i>For >100 To 250, Deduct</i>	-17.99	
			<i>For >250 To 500, Deduct</i>	-32.40	
			<i>For >500, Deduct</i>	-46.81	
26 51	19 00-0216	EA	6" Diameter, 1,800 Lumens, Vandal Resistant, Recessed LED Downlight With Tempered Prismatic Lens (Gotham® EVO® VRALED).....	354.35	47.80
			<i>For >50 To 100, Deduct</i>	-10.65	
			<i>For >100 To 250, Deduct</i>	-19.51	
			<i>For >250 To 500, Deduct</i>	-35.44	
			<i>For >500, Deduct</i>	-51.36	
26 51	19 00-0217		Recessed LED Downlights (Lightolier) <small>(26 51 19 00-0200)</small>		
			Note: Includes housing and trim.		
26 51	19 00-0218	EA	4" Diameter, 500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L05DL).....	584.63	47.80
			<i>For >50 To 100, Deduct</i>	-16.41	
			<i>For >100 To 250, Deduct</i>	-31.02	
			<i>For >250 To 500, Deduct</i>	-58.46	
			<i>For >500, Deduct</i>	-85.90	
26 51	19 00-0219	EA	4" Diameter, 1,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C4L10DL).....	687.48	47.80
			<i>For >50 To 100, Deduct</i>	-18.98	
			<i>For >100 To 250, Deduct</i>	-36.17	
			<i>For >250 To 500, Deduct</i>	-68.75	
			<i>For >500, Deduct</i>	-101.33	
26 51	19 00-0220	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	738.80	47.80
			<i>For >50 To 100, Deduct</i>	-20.26	
			<i>For >100 To 250, Deduct</i>	-38.73	
			<i>For >250 To 500, Deduct</i>	-73.88	
			<i>For >500, Deduct</i>	-109.03	
26 51	19 00-0221	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C6L1520DL).....	738.80	47.80
			<i>For >50 To 100, Deduct</i>	-20.26	
			<i>For >100 To 250, Deduct</i>	-38.73	
			<i>For >250 To 500, Deduct</i>	-73.88	
			<i>For >500, Deduct</i>	-109.03	
26 51	19 00-0222	EA	7" Diameter, 1,500 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	764.56	47.80
			<i>For >50 To 100, Deduct</i>	-20.91	
			<i>For >100 To 250, Deduct</i>	-40.02	
			<i>For >250 To 500, Deduct</i>	-76.46	
			<i>For >500, Deduct</i>	-112.89	
26 51	19 00-0223	EA	7" Diameter, 2,000 Lumens, Recessed LED Downlight With Open Trim (Lightolier C7L1520DL).....	790.35	47.80
			<i>For >50 To 100, Deduct</i>	-21.55	
			<i>For >100 To 250, Deduct</i>	-41.31	
			<i>For >250 To 500, Deduct</i>	-79.04	
			<i>For >500, Deduct</i>	-116.76	
26 51	19 00-0224		Recessed LED Downlights (Cooper) <small>(26 51 19 00-0200)</small>		
26 51	19 00-0225	EA	600 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5606827).....	141.93	47.80
			<i>For >50 To 100, Deduct</i>	-5.34	
			<i>For >100 To 250, Deduct</i>	-8.89	
			<i>For >250 To 500, Deduct</i>	-14.19	
			<i>For >500, Deduct</i>	-19.50	
26 51	19 00-0226	EA	600 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5606830).....	141.93	47.80
			<i>For >50 To 100, Deduct</i>	-5.34	
			<i>For >100 To 250, Deduct</i>	-8.89	
			<i>For >250 To 500, Deduct</i>	-14.19	
			<i>For >500, Deduct</i>	-19.50	
26 51	19 00-0227	EA	600 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5606835).....	141.93	47.80
			<i>For >50 To 100, Deduct</i>	-5.34	
			<i>For >100 To 250, Deduct</i>	-8.89	
			<i>For >250 To 500, Deduct</i>	-14.19	
			<i>For >500, Deduct</i>	-19.50	
26 51	19 00-0228	EA	600 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5606840).....	141.93	47.80
			<i>For >50 To 100, Deduct</i>	-5.34	
			<i>For >100 To 250, Deduct</i>	-8.89	
			<i>For >250 To 500, Deduct</i>	-14.19	
			<i>For >500, Deduct</i>	-19.50	
26 51	19 00-0229	EA	900 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5609827).....	144.54	47.80
			<i>For >50 To 100, Deduct</i>	-5.41	
			<i>For >100 To 250, Deduct</i>	-9.02	
			<i>For >250 To 500, Deduct</i>	-14.45	
			<i>For >500, Deduct</i>	-19.89	
26 51	19 00-0230	EA	900 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5609830).....	144.54	47.80
			<i>For >50 To 100, Deduct</i>	-5.41	
			<i>For >100 To 250, Deduct</i>	-9.02	
			<i>For >250 To 500, Deduct</i>	-14.45	
			<i>For >500, Deduct</i>	-19.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0231 EA 900 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5609835)	144.54	47.80
<i>For >50 To 100, Deduct</i>	-5.41	
<i>For >100 To 250, Deduct</i>	-9.02	
<i>For >250 To 500, Deduct</i>	-14.45	
<i>For >500, Deduct</i>	-19.89	
26 51 19 00-0232 EA 900 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5609840)	144.54	47.80
<i>For >50 To 100, Deduct</i>	-5.41	
<i>For >100 To 250, Deduct</i>	-9.02	
<i>For >250 To 500, Deduct</i>	-14.45	
<i>For >500, Deduct</i>	-19.89	
26 51 19 00-0233 EA 1,200 Lumens, 2700K CCT, LED Downlight (Cooper Halo ML5612827)	180.01	47.80
<i>For >50 To 100, Deduct</i>	-6.29	
<i>For >100 To 250, Deduct</i>	-10.79	
<i>For >250 To 500, Deduct</i>	-18.00	
<i>For >500, Deduct</i>	-25.21	
26 51 19 00-0234 EA 1,200 Lumens, 3000K CCT, LED Downlight (Cooper Halo ML5612830)	178.21	47.80
<i>For >50 To 100, Deduct</i>	-6.25	
<i>For >100 To 250, Deduct</i>	-10.70	
<i>For >250 To 500, Deduct</i>	-17.82	
<i>For >500, Deduct</i>	-24.94	
26 51 19 00-0235 EA 1,200 Lumens, 3500K CCT, LED Downlight (Cooper Halo ML5612835)	178.21	47.80
<i>For >50 To 100, Deduct</i>	-6.25	
<i>For >100 To 250, Deduct</i>	-10.70	
<i>For >250 To 500, Deduct</i>	-17.82	
<i>For >500, Deduct</i>	-24.94	
26 51 19 00-0236 EA 1,200 Lumens, 4000K CCT, LED Downlight (Cooper Halo ML5612840)	178.21	47.80
<i>For >50 To 100, Deduct</i>	-6.25	
<i>For >100 To 250, Deduct</i>	-10.70	
<i>For >250 To 500, Deduct</i>	-17.82	
<i>For >500, Deduct</i>	-24.94	
26 51 19 00-0237 EA 5" LED Trim, Polymer Dead-Front, Shallow White Baffle And Flange (Cooper Halo 591WB)	85.92	15.21
<i>For >50 To 100, Deduct</i>	-2.72	
<i>For >100 To 250, Deduct</i>	-4.87	
<i>For >250 To 500, Deduct</i>	-8.59	
<i>For >500, Deduct</i>	-12.32	
26 51 19 00-0238 EA 5" LED Trim, Specular Reflector And White Flange (Cooper Halo 592SC)	53.46	15.21
<i>For >50 To 100, Deduct</i>	-1.91	
<i>For >100 To 250, Deduct</i>	-3.24	
<i>For >250 To 500, Deduct</i>	-5.35	
<i>For >500, Deduct</i>	-7.45	
26 51 19 00-0239 EA 5" LED Trim, Haze Reflector And White Flange (Cooper Halo 592H)	67.43	15.21
<i>For >50 To 100, Deduct</i>	-2.26	
<i>For >100 To 250, Deduct</i>	-3.94	
<i>For >250 To 500, Deduct</i>	-6.74	
<i>For >500, Deduct</i>	-9.54	
26 51 19 00-0240 EA 5" LED Trim, White Reflector And Flange (Cooper Halo 592W)	56.27	15.21
<i>For >50 To 100, Deduct</i>	-1.98	
<i>For >100 To 250, Deduct</i>	-3.38	
<i>For >250 To 500, Deduct</i>	-5.63	
<i>For >500, Deduct</i>	-7.87	
26 51 19 00-0241 EA 5" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 593WB)	44.86	15.21
<i>For >50 To 100, Deduct</i>	-1.69	
<i>For >100 To 250, Deduct</i>	-2.81	
<i>For >250 To 500, Deduct</i>	-4.49	
<i>For >500, Deduct</i>	-6.16	
26 51 19 00-0242 EA 5" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 593BB)	55.77	15.21
<i>For >50 To 100, Deduct</i>	-1.96	
<i>For >100 To 250, Deduct</i>	-3.36	
<i>For >250 To 500, Deduct</i>	-5.58	
<i>For >500, Deduct</i>	-7.80	
26 51 19 00-0243 EA 5" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 593SNB)	62.42	15.21
<i>For >50 To 100, Deduct</i>	-2.13	
<i>For >100 To 250, Deduct</i>	-3.69	
<i>For >250 To 500, Deduct</i>	-6.24	
<i>For >500, Deduct</i>	-8.79	
26 51 19 00-0244 EA 5" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 593TBZB)	68.34	15.21
<i>For >50 To 100, Deduct</i>	-2.28	
<i>For >100 To 250, Deduct</i>	-3.99	
<i>For >250 To 500, Deduct</i>	-6.83	
<i>For >500, Deduct</i>	-9.68	
26 51 19 00-0245 EA 5" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 594WB)	79.90	15.21
<i>For >50 To 100, Deduct</i>	-2.57	
<i>For >100 To 250, Deduct</i>	-4.57	
<i>For >250 To 500, Deduct</i>	-7.99	
<i>For >500, Deduct</i>	-11.41	
26 51 19 00-0246 EA 5" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 594SNB)	80.28	15.21
<i>For >50 To 100, Deduct</i>	-2.58	
<i>For >100 To 250, Deduct</i>	-4.58	
<i>For >250 To 500, Deduct</i>	-8.03	
<i>For >500, Deduct</i>	-11.47	
26 51 19 00-0247 EA 5" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 594TBZB)	78.62	15.21
<i>For >50 To 100, Deduct</i>	-2.54	
<i>For >100 To 250, Deduct</i>	-4.50	
<i>For >250 To 500, Deduct</i>	-7.86	
<i>For >500, Deduct</i>	-11.22	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0248	EA	5" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 595WW).....	97.59	15.21
			<i>For >50 To 100, Deduct</i>	-3.01	
			<i>For >100 To 250, Deduct</i>	-5.45	
			<i>For >250 To 500, Deduct</i>	-9.76	
			<i>For >500, Deduct</i>	-14.07	
26 51	19 00-0249	EA	5" LED Trim, White Shallow Baffle And Flange (Cooper Halo 596WB).....	45.27	15.21
			<i>For >50 To 100, Deduct</i>	-1.70	
			<i>For >100 To 250, Deduct</i>	-2.83	
			<i>For >250 To 500, Deduct</i>	-4.53	
			<i>For >500, Deduct</i>	-6.22	
26 51	19 00-0250	EA	6" LED Trim, Polymer Dead-Front, White Shallow Baffle And Flange (Cooper Halo 691WB).....	83.14	15.21
			<i>For >50 To 100, Deduct</i>	-2.65	
			<i>For >100 To 250, Deduct</i>	-4.73	
			<i>For >250 To 500, Deduct</i>	-8.31	
			<i>For >500, Deduct</i>	-11.90	
26 51	19 00-0251	EA	6" LED Trim, Specular Reflector And White Flange (Cooper Halo 692SC).....	70.37	15.21
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100 To 250, Deduct</i>	-4.09	
			<i>For >250 To 500, Deduct</i>	-7.04	
			<i>For >500, Deduct</i>	-9.99	
26 51	19 00-0252	EA	6" LED Trim, Haze Reflector And White Flange (Cooper Halo 692H).....	65.89	15.21
			<i>For >50 To 100, Deduct</i>	-2.22	
			<i>For >100 To 250, Deduct</i>	-3.87	
			<i>For >250 To 500, Deduct</i>	-6.59	
			<i>For >500, Deduct</i>	-9.31	
26 51	19 00-0253	EA	6" LED Trim, White Reflector And Flange (Cooper Halo 692W).....	58.50	15.21
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 250, Deduct</i>	-3.50	
			<i>For >250 To 500, Deduct</i>	-5.85	
			<i>For >500, Deduct</i>	-8.20	
26 51	19 00-0254	EA	6" LED Trim, White Micro-Step Baffle And Flange (Cooper Halo 693WB).....	59.04	15.21
			<i>For >50 To 100, Deduct</i>	-2.05	
			<i>For >100 To 250, Deduct</i>	-3.52	
			<i>For >250 To 500, Deduct</i>	-5.90	
			<i>For >500, Deduct</i>	-8.29	
26 51	19 00-0255	EA	6" LED Trim, Black Micro-Step Baffle And White Flange (Cooper Halo 693BB).....	63.78	15.21
			<i>For >50 To 100, Deduct</i>	-2.17	
			<i>For >100 To 250, Deduct</i>	-3.76	
			<i>For >250 To 500, Deduct</i>	-6.38	
			<i>For >500, Deduct</i>	-9.00	
26 51	19 00-0256	EA	6" LED Trim, Satin Nickel Micro-Step Baffle And Flange (Cooper Halo 693SNB).....	58.21	15.21
			<i>For >50 To 100, Deduct</i>	-2.03	
			<i>For >100 To 250, Deduct</i>	-3.48	
			<i>For >250 To 500, Deduct</i>	-5.82	
			<i>For >500, Deduct</i>	-8.16	
26 51	19 00-0257	EA	6" LED Trim, Tuscan Bronze Micro-Step Baffle And Flange (Cooper Halo 693TBZB).....	73.33	15.21
			<i>For >50 To 100, Deduct</i>	-2.40	
			<i>For >100 To 250, Deduct</i>	-4.24	
			<i>For >250 To 500, Deduct</i>	-7.33	
			<i>For >500, Deduct</i>	-10.43	
26 51	19 00-0258	EA	6" LED Directional Trim, White eyeball, Baffle And Flange (Cooper Halo 694WB).....	79.71	15.21
			<i>For >50 To 100, Deduct</i>	-2.56	
			<i>For >100 To 250, Deduct</i>	-4.56	
			<i>For >250 To 500, Deduct</i>	-7.97	
			<i>For >500, Deduct</i>	-11.39	
26 51	19 00-0259	EA	6" LED Directional Trim, Satin Nickel eyeball, Baffle And Flange (Cooper Halo 694SNB).....	100.91	15.21
			<i>For >50 To 100, Deduct</i>	-3.09	
			<i>For >100 To 250, Deduct</i>	-5.62	
			<i>For >250 To 500, Deduct</i>	-10.09	
			<i>For >500, Deduct</i>	-14.57	
26 51	19 00-0260	EA	6" LED Directional Trim, Tuscan Bronze eyeball, Baffle And Flange (Cooper Halo 694TBZB).....	98.25	15.21
			<i>For >50 To 100, Deduct</i>	-3.03	
			<i>For >100 To 250, Deduct</i>	-5.48	
			<i>For >250 To 500, Deduct</i>	-9.83	
			<i>For >500, Deduct</i>	-14.17	
26 51	19 00-0261	EA	6" LED Trim, Wall Wash - Specular reflector, repositionable Specular kick reflector, White Flange (Cooper Halo 695WW).....	99.42	15.21
			<i>For >50 To 100, Deduct</i>	-3.06	
			<i>For >100 To 250, Deduct</i>	-5.54	
			<i>For >250 To 500, Deduct</i>	-9.94	
			<i>For >500, Deduct</i>	-14.34	
26 51	19 00-0262	EA	6" LED Trim, White Shallow Baffle And Flange (Cooper Halo 696WB).....	59.68	15.21
			<i>For >50 To 100, Deduct</i>	-2.06	
			<i>For >100 To 250, Deduct</i>	-3.55	
			<i>For >250 To 500, Deduct</i>	-5.97	
			<i>For >500, Deduct</i>	-8.38	
26 51	19 00-0263	EA	6" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H750ICAT).....	54.58	32.59
			<i>For >50 To 100, Deduct</i>	-2.59	
			<i>For >100 To 250, Deduct</i>	-3.95	
			<i>For >250 To 500, Deduct</i>	-5.46	
			<i>For >500, Deduct</i>	-6.97	
26 51	19 00-0264	EA	6" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H750RICAT).....	59.77	32.59
			<i>For >50 To 100, Deduct</i>	-2.72	
			<i>For >100 To 250, Deduct</i>	-4.21	
			<i>For >250 To 500, Deduct</i>	-5.98	
			<i>For >500, Deduct</i>	-7.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0265	EA		6" LED, Non-IC, Air-Tite, New Construction Housing (Cooper Halo H750T).....	57.69	32.59
			<i>For >50 To 100, Deduct</i>	-2.66	
			<i>For >100 To 250, Deduct</i>	-4.11	
			<i>For >250 To 500, Deduct</i>	-5.77	
			<i>For >500, Deduct</i>	-7.43	
26 51 19 00-0266	EA		6" LED, Non-IC, New Construction/Remodel Chicago Plenum Housing (Cooper Halo H750TCP).....	78.15	32.59
			<i>For >50 To 100, Deduct</i>	-3.18	
			<i>For >100 To 250, Deduct</i>	-5.13	
			<i>For >250 To 500, Deduct</i>	-7.82	
			<i>For >500, Deduct</i>	-10.50	
26 51 19 00-0267	EA		6" LED, Shallow, Insulated Ceiling, Air-Tite, New Constr. (Cooper Halo H2750ICAT).....	75.75	32.59
			<i>For >50 To 100, Deduct</i>	-3.12	
			<i>For >100 To 250, Deduct</i>	-5.01	
			<i>For >250 To 500, Deduct</i>	-7.58	
			<i>For >500, Deduct</i>	-10.14	
26 51 19 00-0268	EA		6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H7ICAT).....	60.48	32.59
			<i>For >50 To 100, Deduct</i>	-2.73	
			<i>For >100 To 250, Deduct</i>	-4.25	
			<i>For >250 To 500, Deduct</i>	-6.05	
			<i>For >500, Deduct</i>	-7.85	
26 51 19 00-0269	EA		6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H7RICAT).....	63.98	32.59
			<i>For >50 To 100, Deduct</i>	-2.82	
			<i>For >100 To 250, Deduct</i>	-4.42	
			<i>For >250 To 500, Deduct</i>	-6.40	
			<i>For >500, Deduct</i>	-8.38	
26 51 19 00-0270	EA		6" Insulated Ceiling, New Construction Housing (Cooper Halo H7ICT).....	59.75	32.59
			<i>For >50 To 100, Deduct</i>	-2.72	
			<i>For >100 To 250, Deduct</i>	-4.21	
			<i>For >250 To 500, Deduct</i>	-5.98	
			<i>For >500, Deduct</i>	-7.74	
26 51 19 00-0271	EA		6" Insulated Ceiling, Remodel Housing (Cooper Halo H7RICT).....	63.58	32.59
			<i>For >50 To 100, Deduct</i>	-2.81	
			<i>For >100 To 250, Deduct</i>	-4.40	
			<i>For >250 To 500, Deduct</i>	-6.36	
			<i>For >500, Deduct</i>	-8.32	
26 51 19 00-0272	EA		6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo H7ICATNB).....	60.39	32.59
			<i>For >50 To 100, Deduct</i>	-2.73	
			<i>For >100 To 250, Deduct</i>	-4.24	
			<i>For >250 To 500, Deduct</i>	-6.04	
			<i>For >500, Deduct</i>	-7.84	
26 51 19 00-0273	EA		6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo H7ICTNB).....	60.03	32.59
			<i>For >50 To 100, Deduct</i>	-2.72	
			<i>For >100 To 250, Deduct</i>	-4.22	
			<i>For >250 To 500, Deduct</i>	-6.00	
			<i>For >500, Deduct</i>	-7.78	
26 51 19 00-0274	EA		6" Non-IC, New Construction Housing (Cooper Halo H7T).....	62.79	32.59
			<i>For >50 To 100, Deduct</i>	-2.79	
			<i>For >100 To 250, Deduct</i>	-4.36	
			<i>For >250 To 500, Deduct</i>	-6.28	
			<i>For >500, Deduct</i>	-8.20	
26 51 19 00-0275	EA		6" Non-IC, Remodel Housing (Cooper Halo H7RT).....	64.29	32.59
			<i>For >50 To 100, Deduct</i>	-2.83	
			<i>For >100 To 250, Deduct</i>	-4.44	
			<i>For >250 To 500, Deduct</i>	-6.43	
			<i>For >500, Deduct</i>	-8.42	
26 51 19 00-0276	EA		6" Non-IC, New Construction Housing, No Socket Bracket (Cooper Halo H7TNB).....	64.77	32.59
			<i>For >50 To 100, Deduct</i>	-2.84	
			<i>For >100 To 250, Deduct</i>	-4.46	
			<i>For >250 To 500, Deduct</i>	-6.48	
			<i>For >500, Deduct</i>	-8.49	
26 51 19 00-0277	EA		6" Non-IC, Chicago Plenum, New Construction/Remodel Housing (Cooper Halo H7TCP).....	87.94	32.59
			<i>For >50 To 100, Deduct</i>	-3.42	
			<i>For >100 To 250, Deduct</i>	-5.62	
			<i>For >250 To 500, Deduct</i>	-8.79	
			<i>For >500, Deduct</i>	-11.97	
26 51 19 00-0278	EA		6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo H7UICAT).....	82.13	32.59
			<i>For >50 To 100, Deduct</i>	-3.28	
			<i>For >100 To 250, Deduct</i>	-5.33	
			<i>For >250 To 500, Deduct</i>	-8.21	
			<i>For >500, Deduct</i>	-11.10	
26 51 19 00-0279	EA		6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo H7UICAT).....	82.80	32.59
			<i>For >50 To 100, Deduct</i>	-3.29	
			<i>For >100 To 250, Deduct</i>	-5.36	
			<i>For >250 To 500, Deduct</i>	-8.28	
			<i>For >500, Deduct</i>	-11.20	
26 51 19 00-0280	EA		6" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI700AT).....	86.69	32.59
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.56	
			<i>For >250 To 500, Deduct</i>	-8.67	
			<i>For >500, Deduct</i>	-11.78	
26 51 19 00-0281	EA		6" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI700RAT).....	86.69	32.59
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.56	
			<i>For >250 To 500, Deduct</i>	-8.67	
			<i>For >500, Deduct</i>	-11.78	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0282	EA	6" Insulated Ceiling, New Construction Housing (Cooper Halo EI700).....	86.69	32.59
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.56	
			<i>For >250 To 500, Deduct</i>	-8.67	
			<i>For >500, Deduct</i>	-11.78	
26 51	19 00-0283	EA	6" Insulated Ceiling, Remodel Housing (Cooper Halo EI700R).....	86.69	32.59
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.56	
			<i>For >250 To 500, Deduct</i>	-8.67	
			<i>For >500, Deduct</i>	-11.78	
26 51	19 00-0284	EA	6" Insulated Ceiling, Air-Tite New Construction Housing, No Socket Bracket (Cooper Halo EI700ATNB).....	86.69	32.59
			<i>For >50 To 100, Deduct</i>	-3.39	
			<i>For >100 To 250, Deduct</i>	-5.56	
			<i>For >250 To 500, Deduct</i>	-8.67	
			<i>For >500, Deduct</i>	-11.78	
26 51	19 00-0285	EA	6" Insulated Ceiling, New Construction Housing, No Socket Bracket (Cooper Halo EI700NB).....	76.52	32.59
			<i>For >50 To 100, Deduct</i>	-3.14	
			<i>For >100 To 250, Deduct</i>	-5.05	
			<i>For >250 To 500, Deduct</i>	-7.65	
			<i>For >500, Deduct</i>	-10.26	
26 51	19 00-0286	EA	6" Insulated Ceiling, Universal New Construction Housing (Cooper Halo EI700U).....	76.52	32.59
			<i>For >50 To 100, Deduct</i>	-3.14	
			<i>For >100 To 250, Deduct</i>	-5.05	
			<i>For >250 To 500, Deduct</i>	-7.65	
			<i>For >500, Deduct</i>	-10.26	
26 51	19 00-0287	EA	6" Insulated Ceiling, Universal, Air-Tite, New Construction Housing (Cooper Halo EI700UAT).....	76.52	32.59
			<i>For >50 To 100, Deduct</i>	-3.14	
			<i>For >100 To 250, Deduct</i>	-5.05	
			<i>For >250 To 500, Deduct</i>	-7.65	
			<i>For >500, Deduct</i>	-10.26	
26 51	19 00-0288	EA	6" Non-IC, New Construction Housing (Cooper Halo ET700).....	76.52	32.59
			<i>For >50 To 100, Deduct</i>	-3.14	
			<i>For >100 To 250, Deduct</i>	-5.05	
			<i>For >250 To 500, Deduct</i>	-7.65	
			<i>For >500, Deduct</i>	-10.26	
26 51	19 00-0289	EA	6" Non-IC, Remodel Housing (Cooper Halo ET700R).....	76.52	32.59
			<i>For >50 To 100, Deduct</i>	-3.14	
			<i>For >100 To 250, Deduct</i>	-5.05	
			<i>For >250 To 500, Deduct</i>	-7.65	
			<i>For >500, Deduct</i>	-10.26	
26 51	19 00-0290	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H27ICAT).....	77.26	32.59
			<i>For >50 To 100, Deduct</i>	-3.15	
			<i>For >100 To 250, Deduct</i>	-5.09	
			<i>For >250 To 500, Deduct</i>	-7.73	
			<i>For >500, Deduct</i>	-10.37	
26 51	19 00-0291	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H27RICAT).....	88.69	32.59
			<i>For >50 To 100, Deduct</i>	-3.44	
			<i>For >100 To 250, Deduct</i>	-5.66	
			<i>For >250 To 500, Deduct</i>	-8.87	
			<i>For >500, Deduct</i>	-12.08	
26 51	19 00-0292	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo H27ICT).....	77.26	32.59
			<i>For >50 To 100, Deduct</i>	-3.15	
			<i>For >100 To 250, Deduct</i>	-5.09	
			<i>For >250 To 500, Deduct</i>	-7.73	
			<i>For >500, Deduct</i>	-10.37	
26 51	19 00-0293	EA	6" Shallow, Insulated Ceiling, Remodel Housing (Cooper Halo H27RICT).....	85.46	32.59
			<i>For >50 To 100, Deduct</i>	-3.36	
			<i>For >100 To 250, Deduct</i>	-5.50	
			<i>For >250 To 500, Deduct</i>	-8.55	
			<i>For >500, Deduct</i>	-11.60	
26 51	19 00-0294	EA	6" Shallow, Non-IC, New Construction Housing (Cooper Halo H27T).....	72.63	32.59
			<i>For >50 To 100, Deduct</i>	-3.04	
			<i>For >100 To 250, Deduct</i>	-4.85	
			<i>For >250 To 500, Deduct</i>	-7.26	
			<i>For >500, Deduct</i>	-9.67	
26 51	19 00-0295	EA	6" Shallow, Non-IC, Remodel Housing (Cooper Halo H27RT).....	73.75	32.59
			<i>For >50 To 100, Deduct</i>	-3.07	
			<i>For >100 To 250, Deduct</i>	-4.91	
			<i>For >250 To 500, Deduct</i>	-7.38	
			<i>For >500, Deduct</i>	-9.84	
26 51	19 00-0296	EA	6" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo EI2700AT).....	81.74	32.59
			<i>For >50 To 100, Deduct</i>	-3.27	
			<i>For >100 To 250, Deduct</i>	-5.31	
			<i>For >250 To 500, Deduct</i>	-8.17	
			<i>For >500, Deduct</i>	-11.04	
26 51	19 00-0297	EA	6" Shallow, Insulated Ceiling, New Construction Housing (Cooper Halo EI2700).....	81.74	32.59
			<i>For >50 To 100, Deduct</i>	-3.27	
			<i>For >100 To 250, Deduct</i>	-5.31	
			<i>For >250 To 500, Deduct</i>	-8.17	
			<i>For >500, Deduct</i>	-11.04	
26 51	19 00-0298	EA	6" Shallow, Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI2700R).....	81.74	32.59
			<i>For >50 To 100, Deduct</i>	-3.27	
			<i>For >100 To 250, Deduct</i>	-5.31	
			<i>For >250 To 500, Deduct</i>	-8.17	
			<i>For >500, Deduct</i>	-11.04	

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0299	EA		6" Shallow, Non-IC, New Construction Housing (Cooper Halo ET2700)	81.74	32.59
			<i>For >50 To 100, Deduct</i>	-3.27	
			<i>For >100 To 250, Deduct</i>	-5.31	
			<i>For >250 To 500, Deduct</i>	-8.17	
			<i>For >500, Deduct</i>	-11.04	
26 51 19 00-0300	EA		6" Shallow, Non-IC, Remodel Housing (Cooper Halo ET2700R).....	81.74	32.59
			<i>For >50 To 100, Deduct</i>	-3.27	
			<i>For >100 To 250, Deduct</i>	-5.31	
			<i>For >250 To 500, Deduct</i>	-8.17	
			<i>For >500, Deduct</i>	-11.04	
26 51 19 00-0301	EA		6" Retrofit Enclosure, Non-IC, BX Whip (Cooper Halo ML7BXRFK)	68.11	15.21
			<i>For >50 To 100, Deduct</i>	-2.27	
			<i>For >100 To 250, Deduct</i>	-3.98	
			<i>For >250 To 500, Deduct</i>	-6.81	
			<i>For >500, Deduct</i>	-9.65	
26 51 19 00-0302	EA		6" Retrofit Enclosure, Non-IC, E26 Screw base Interface (Cooper Halo ML7E26RFK).....	70.43	15.21
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100 To 250, Deduct</i>	-4.09	
			<i>For >250 To 500, Deduct</i>	-7.04	
			<i>For >500, Deduct</i>	-9.99	
26 51 19 00-0303	EA		5" LED, Insulated Ceiling, Air-Tite, New Construction Housing (Cooper Halo H550ICAT)	67.58	32.59
			<i>For >50 To 100, Deduct</i>	-2.91	
			<i>For >100 To 250, Deduct</i>	-4.60	
			<i>For >250 To 500, Deduct</i>	-6.76	
			<i>For >500, Deduct</i>	-8.92	
26 51 19 00-0304	EA		5" LED, Insulated Ceiling, Air-Tite, Remodel Housing (Cooper Halo H550RICAT)	67.85	32.59
			<i>For >50 To 100, Deduct</i>	-2.92	
			<i>For >100 To 250, Deduct</i>	-4.61	
			<i>For >250 To 500, Deduct</i>	-6.79	
			<i>For >500, Deduct</i>	-8.96	
26 51 19 00-0305	EA		5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo H5ICAT).....	63.04	32.59
			<i>For >50 To 100, Deduct</i>	-2.80	
			<i>For >100 To 250, Deduct</i>	-4.37	
			<i>For >250 To 500, Deduct</i>	-6.30	
			<i>For >500, Deduct</i>	-8.23	
26 51 19 00-0306	EA		5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo H5RICAT)	65.40	32.59
			<i>For >50 To 100, Deduct</i>	-2.86	
			<i>For >100 To 250, Deduct</i>	-4.49	
			<i>For >250 To 500, Deduct</i>	-6.54	
			<i>For >500, Deduct</i>	-8.59	
26 51 19 00-0307	EA		5" Non-IC, New Construction Housing (Cooper Halo H5T).....	64.63	32.59
			<i>For >50 To 100, Deduct</i>	-2.84	
			<i>For >100 To 250, Deduct</i>	-4.45	
			<i>For >250 To 500, Deduct</i>	-6.46	
			<i>For >500, Deduct</i>	-8.47	
26 51 19 00-0308	EA		5" Non-IC, Remodel Housing (Cooper Halo H5RT).....	65.35	32.59
			<i>For >50 To 100, Deduct</i>	-2.86	
			<i>For >100 To 250, Deduct</i>	-4.49	
			<i>For >250 To 500, Deduct</i>	-6.54	
			<i>For >500, Deduct</i>	-8.58	
26 51 19 00-0309	EA		5" Insulated Ceiling, Air-Tite New Construction Housing (Cooper Halo EI500AT).....	75.51	32.59
			<i>For >50 To 100, Deduct</i>	-3.11	
			<i>For >100 To 250, Deduct</i>	-5.00	
			<i>For >250 To 500, Deduct</i>	-7.55	
			<i>For >500, Deduct</i>	-10.10	
26 51 19 00-0310	EA		5" Insulated Ceiling, Air-Tite Remodel Housing (Cooper Halo EI500RAT)	76.05	32.59
			<i>For >50 To 100, Deduct</i>	-3.12	
			<i>For >100 To 250, Deduct</i>	-5.02	
			<i>For >250 To 500, Deduct</i>	-7.61	
			<i>For >500, Deduct</i>	-10.19	
26 51 19 00-0311	EA		5" Non-IC, New Construction Housing (Cooper Halo ET500).....	78.78	32.59
			<i>For >50 To 100, Deduct</i>	-3.19	
			<i>For >100 To 250, Deduct</i>	-5.16	
			<i>For >250 To 500, Deduct</i>	-7.88	
			<i>For >500, Deduct</i>	-10.60	
26 51 19 00-0312	EA		5" Non-IC, Remodel Housing (Cooper Halo ET500R)	80.70	32.59
			<i>For >50 To 100, Deduct</i>	-3.24	
			<i>For >100 To 250, Deduct</i>	-5.26	
			<i>For >250 To 500, Deduct</i>	-8.07	
			<i>For >500, Deduct</i>	-10.88	
26 51 19 00-0313	EA		5" Shallow, Insulated Ceiling, Air-Tite New Construction (Cooper Halo H25ICAT).....	89.10	32.59
			<i>For >50 To 100, Deduct</i>	-3.45	
			<i>For >100 To 250, Deduct</i>	-5.68	
			<i>For >250 To 500, Deduct</i>	-8.91	
			<i>For >500, Deduct</i>	-12.14	
26 51 19 00-0314			Recessed LED Downlights (Maxlite DLR) <small>(26 51 19 00-0200)</small>		
26 51 19 00-0315	EA		4" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR410)	165.16	47.80
			<i>For >50 To 100, Deduct</i>	-5.92	
			<i>For >100 To 250, Deduct</i>	-10.05	
			<i>For >250 To 500, Deduct</i>	-16.52	
			<i>For >500, Deduct</i>	-22.98	
26 51 19 00-0316	EA		4" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR415)	167.55	47.80
			<i>For >50 To 100, Deduct</i>	-5.98	
			<i>For >100 To 250, Deduct</i>	-10.17	
			<i>For >250 To 500, Deduct</i>	-16.76	
			<i>For >500, Deduct</i>	-23.34	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0317	EA	4" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR420)	174.75	47.80
			<i>For >50 To 100, Deduct</i>	-6.16	
			<i>For >100 To 250, Deduct</i>	-10.53	
			<i>For >250 To 500, Deduct</i>	-17.48	
			<i>For >500, Deduct</i>	-24.42	
26 51	19 00-0318	EA	6" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR615)	160.35	47.80
			<i>For >50 To 100, Deduct</i>	-5.80	
			<i>For >100 To 250, Deduct</i>	-9.81	
			<i>For >250 To 500, Deduct</i>	-16.04	
			<i>For >500, Deduct</i>	-22.26	
26 51	19 00-0319	EA	6" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR620)	160.35	47.80
			<i>For >50 To 100, Deduct</i>	-5.80	
			<i>For >100 To 250, Deduct</i>	-9.81	
			<i>For >250 To 500, Deduct</i>	-16.04	
			<i>For >500, Deduct</i>	-22.26	
26 51	19 00-0320	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR630)	160.35	47.80
			<i>For >50 To 100, Deduct</i>	-5.80	
			<i>For >100 To 250, Deduct</i>	-9.81	
			<i>For >250 To 500, Deduct</i>	-16.04	
			<i>For >500, Deduct</i>	-22.26	
26 51	19 00-0321	EA	8" Diameter, 1,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR810)	174.75	47.80
			<i>For >50 To 100, Deduct</i>	-6.16	
			<i>For >100 To 250, Deduct</i>	-10.53	
			<i>For >250 To 500, Deduct</i>	-17.48	
			<i>For >500, Deduct</i>	-24.42	
26 51	19 00-0322	EA	8" Diameter, 1,500 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR815)	177.14	47.80
			<i>For >50 To 100, Deduct</i>	-6.22	
			<i>For >100 To 250, Deduct</i>	-10.65	
			<i>For >250 To 500, Deduct</i>	-17.71	
			<i>For >500, Deduct</i>	-24.78	
26 51	19 00-0323	EA	8" Diameter, 2,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR820)	181.93	47.80
			<i>For >50 To 100, Deduct</i>	-6.34	
			<i>For >100 To 250, Deduct</i>	-10.89	
			<i>For >250 To 500, Deduct</i>	-18.19	
			<i>For >500, Deduct</i>	-25.50	
26 51	19 00-0324	EA	8" Diameter, 3,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR830)	196.30	47.80
			<i>For >50 To 100, Deduct</i>	-6.70	
			<i>For >100 To 250, Deduct</i>	-11.61	
			<i>For >250 To 500, Deduct</i>	-19.63	
			<i>For >500, Deduct</i>	-27.65	
26 51	19 00-0325	EA	8" Diameter, 5,000 Lumens, Recessed LED Downlight Retrofit (MaxLite DLR850)	215.48	47.80
			<i>For >50 To 100, Deduct</i>	-7.18	
			<i>For >100 To 250, Deduct</i>	-12.57	
			<i>For >250 To 500, Deduct</i>	-21.55	
			<i>For >500, Deduct</i>	-30.53	
26 51	19 00-0326		Recessed LED Downlight Retrofits And Trim (CREE®) <small>(26 51 19 00-0199)</small>		
26 51	19 00-0327		Recessed LED Downlight Retrofits (CREE®) <small>(26 51 19 00-0326)</small>		
			Note: Dimmable to 5%. For installation in standard recessed IC or non-IC housings. Includes removal of existing lamp from fixture. Excludes housing and disposal of hazardous lamps.		
26 51	19 00-0328	EA	4" Diameter, 575 Lumens, Recessed LED Downlight Retrofit (Cree® CR4-575L)	110.19	
			<i>For >50 To 100, Deduct</i>	-3.43	
			<i>For >100 To 250, Deduct</i>	-6.19	
			<i>For >250 To 500, Deduct</i>	-11.02	
			<i>For >500, Deduct</i>	-15.85	
26 51	19 00-0329	EA	6" Diameter, 625 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-625L)	96.72	
			<i>For >50 To 100, Deduct</i>	-3.10	
			<i>For >100 To 250, Deduct</i>	-5.52	
			<i>For >250 To 500, Deduct</i>	-9.67	
			<i>For >500, Deduct</i>	-13.83	
26 51	19 00-0330	EA	6" Diameter, 800 Lumens, Recessed LED Downlight Retrofit (Cree® CR6-800L)	123.65	
			<i>For >50 To 100, Deduct</i>	-3.77	
			<i>For >100 To 250, Deduct</i>	-6.86	
			<i>For >250 To 500, Deduct</i>	-12.37	
			<i>For >500, Deduct</i>	-17.87	
26 51	19 00-0331	EA	6" Diameter, 650 Lumens, Recessed LED Downlight Retrofit (Cree® LR6C-277)	139.35	
			<i>For >50 To 100, Deduct</i>	-4.16	
			<i>For >100 To 250, Deduct</i>	-7.65	
			<i>For >250 To 500, Deduct</i>	-13.94	
			<i>For >500, Deduct</i>	-20.22	
26 51	19 00-0332	EA	6" Diameter, 1,000 Lumens, Deep Recessed LED Downlight Retrofit (Cree® LR6-10L-XXX-120V-A-DR)	152.81	
			<i>For >50 To 100, Deduct</i>	-4.50	
			<i>For >100 To 250, Deduct</i>	-8.32	
			<i>For >250 To 500, Deduct</i>	-15.28	
			<i>For >500, Deduct</i>	-22.24	
26 51	19 00-0333		Recessed LED Downlight Retrofits Trim (CREE®) <small>(26 51 19 00-0326)</small>		
			Note: For installation in standard recessed IC or non-IC housings. Excludes housing and lamp.		
26 51	19 00-0334	EA	6" Diameter, Diffuse Anodized Finish Reflector For LED Downlight Retrofits (Cree® CT6AX)	38.72	7.61
			<i>For >50 To 100, Deduct</i>	-1.38	
			<i>For >100 To 250, Deduct</i>	-2.34	
			<i>For >250 To 500, Deduct</i>	-3.87	
			<i>For >500, Deduct</i>	-5.40	

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0335 EA 6" Diameter, Diffuse Anodized Finish Reflector With Painted Flange For LED Downlight Retrofits (Cree® LT6AP).....	47.70	7.61
For >50 To 100, Deduct	-1.60	
For >100 To 250, Deduct	-2.79	
For >250 To 500, Deduct	-4.77	
For >500, Deduct	-6.75	
26 51 19 00-0336 EA 6" Diameter, Flat Black Finish Trim And Reflector For LED Downlight Retrofits (Cree® CT6BB)	40.97	7.61
For >50 To 100, Deduct	-1.43	
For >100 To 250, Deduct	-2.46	
For >250 To 500, Deduct	-4.10	
For >500, Deduct	-5.74	
26 51 19 00-0337 Recessed LED Downlight Fixture Housings (CREE®) (26 51 19 00-0326)		
Note: Excludes lamp and trim.		
26 51 19 00-0338 EA 6" Diameter, IC Rated, Architectural Recessed LED Downlight Fixture Housing (Cree® H6).....	102.74	32.59
For >50 To 100, Deduct	-3.79	
For >100 To 250, Deduct	-6.36	
For >250 To 500, Deduct	-10.27	
For >500, Deduct	-14.19	
26 51 19 00-0339 EA 6" Diameter, IC Rated, Retrofit Recessed LED Downlight Fixture Housing (Cree® RR6).....	71.31	32.59
For >50 To 100, Deduct	-3.00	
For >100 To 250, Deduct	-4.79	
For >250 To 500, Deduct	-7.13	
For >500, Deduct	-9.47	
26 51 19 00-0340 Can Retrofit Or Surface Mount, LED Downlights (26 51 19 00-0199)		
26 51 19 00-0341 EA 6" Diameter, 15 Watt, Can Retrofit Or Surface Mount, LED Downlight (Lighting Science® GLP6)	91.05	29.77
For >50 To 100, Deduct	-3.39	
For >100 To 250, Deduct	-5.67	
For >250 To 500, Deduct	-9.11	
For >500, Deduct	-12.54	
26 51 19 00-0342 EA 4" Diameter, 7 Watt, Can Retrofit, LED Downlight (Green Creative0 1-811-D)	73.02	29.77
For >50 To 100, Deduct	-2.94	
For >100 To 250, Deduct	-4.77	
For >250 To 500, Deduct	-7.30	
For >500, Deduct	-9.84	
26 51 19 00-0343 EA 6" Diameter, 9.5 Watt, Can Retrofit, LED Downlight (Green Creative0 1-808-D)	73.02	29.77
For >50 To 100, Deduct	-2.94	
For >100 To 250, Deduct	-4.77	
For >250 To 500, Deduct	-7.30	
For >500, Deduct	-9.84	
26 51 19 00-0344 EA 6" Diameter, 8.9 Watt, Can Retrofit, LED Downlight (Lithonia 6BP)	130.21	29.77
For Recessed IC/Non-IC Rated Housing For New Construction, Add	46.77	
For >50 To 100, Deduct	-4.37	
For >100 To 250, Deduct	-7.63	
For >250 To 500, Deduct	-13.02	
For >500, Deduct	-18.42	
26 51 19 00-0345 EA 4" Diameter, 8 Watt, 600 Lumens, Retrofit LED Downlight (Sylvania LED/RT4/550/840)	62.66	29.77
For >50 To 100, Deduct	-2.68	
For >100 To 250, Deduct	-4.25	
For >250 To 500, Deduct	-6.27	
For >500, Deduct	-8.28	
26 51 19 00-0346 EA 5" Diameter, 10 Watt, 700 Lumens, Retrofit LED Downlight (Sylvania LED/RT5/6/625/840)	69.89	29.77
For >50 To 100, Deduct	-2.86	
For >100 To 250, Deduct	-4.61	
For >250 To 500, Deduct	-6.99	
For >500, Deduct	-9.37	
26 51 19 00-0347 EA 6" Diameter, 800 Lumens, 10 Watt, Retrofit LED Wallwash Downlight (Indy Lighting LRT6-08LM).....	892.77	29.77
For >50 To 100, Deduct	-23.44	
For >100 To 250, Deduct	-45.76	
For >250 To 500, Deduct	-89.28	
For >500, Deduct	-132.80	
26 51 19 00-0348 Recessed LED Downlights (Lithonia) (26 51 19 00-0199)		
26 51 19 00-0349 EA 23.5 Watt, 120 - 277 Volt, 2000 lumens, Square Recessed Downlight, Solid State LED Lamp (Lithonia EVO-SQ-35/20-4AR-LSS-MVOLT-EZ1).....	474.02	47.80
26 51 19 00-0350 EA 23.5 Watt, 120 - 277 Volt, 1500 lumens, Square Recessed Downlight, Solid State LED Lamp (Lithonia EVO-SQ-40/15-4AR-LSS-MVOLT-EZ10).....	500.35	47.80
26 51 19 00-0351 Wall Mount LED Cylinder Downlight (26 51 19 00-0001)		
26 51 19 00-0352 EA 9" Diameter, 2,200 Lumens, Wall Mount LED Cylinder Downlight With Semi-Specular Trim (Gotham® EVO® CLED9).....	362.54	46.24
For >50 To 100, Deduct	-10.80	
For >100 To 250, Deduct	-19.86	
For >250 To 500, Deduct	-36.25	
For >500, Deduct	-52.64	
26 51 19 00-0353 Wall Sconce And Wall Wash LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0354 LED Wall Sconce Fixtures (Hudson Valley Lighting) (26 51 19 00-0353)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0355	EA		2-1/2" Diameter x 15-1/2" High, Polished Nickel, LED Wall Sconce (Hudson Valley Lighting SHAW 1200-PN)	508.20	43.45
			<i>For >50 To 100, Deduct</i>	-14.33	
			<i>For >100 To 250, Deduct</i>	-27.04	
			<i>For >250 To 500, Deduct</i>	-50.82	
			<i>For >500, Deduct</i>	-74.60	
26 51 19 00-0356			LED Wall Sconce Fixtures (Kichler) <small>(26 51 19 00-0353)</small>		
26 51 19 00-0357	EA		6" High x 11.75" Wide x 3.5" Deep, 900 Lumens, 15 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Kichler 10790NILED).....	279.69	43.45
			<i>For >50 To 100, Deduct</i>	-8.62	
			<i>For >100 To 250, Deduct</i>	-15.61	
			<i>For >250 To 500, Deduct</i>	-27.97	
			<i>For >500, Deduct</i>	-40.32	
26 51 19 00-0358			LED Wall Sconce Fixtures (Metalux) <small>(26 51 19 00-0353)</small>		
26 51 19 00-0359	EA		9.875" High x 7.125" Wide x 3.5" Deep, 9 Watt, White Acrylic Diffuser, Brushed Nickel, LED Wall Sconce (Metalux AFX VN7S071009L30ENBN)	150.24	43.45
			<i>For >50 To 100, Deduct</i>	-5.39	
			<i>For >100 To 250, Deduct</i>	-9.14	
			<i>For >250 To 500, Deduct</i>	-15.02	
			<i>For >500, Deduct</i>	-20.91	
26 51 19 00-0360	EA		5" LED, Cape Sconce Wall Light, White (AFX CAPW050804L30ENWH)	139.61	43.45
			<i>For >50 To 100, Deduct</i>	-5.12	
			<i>For >100 To 250, Deduct</i>	-8.61	
			<i>For >250 To 500, Deduct</i>	-13.96	
			<i>For >500, Deduct</i>	-19.31	
26 51 19 00-0361			Concealed Continuous LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0362			Concealed Continuous LED Fixtures (Fraqtir™ S301) <small>(26 51 19 00-0361)</small>		
26 51 19 00-0363	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Driver (Fraqtir™ S301).....	700.81	4.96
			<i>For >50 To 100, Deduct</i>	-17.77	
			<i>For >100 To 250, Deduct</i>	-35.29	
			<i>For >250 To 500, Deduct</i>	-70.08	
			<i>For >500, Deduct</i>	-104.87	
26 51 19 00-0364	LF		Fixed Surface Mount, Concealed Continuous LED Fixture With Remote Dimming Driver (Fraqtir™ S301).....	799.18	4.96
			<i>For >50 To 100, Deduct</i>	-20.23	
			<i>For >100 To 250, Deduct</i>	-40.21	
			<i>For >250 To 500, Deduct</i>	-79.92	
			<i>For >500, Deduct</i>	-119.63	
26 51 19 00-0365			Low Bay LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0366			LED Linear Low Bay Fixtures (PlanLED) <small>(26 51 19 00-0365)</small>		
26 51 19 00-0367	EA		4' Length, 23 Watt, LED Linear Low Bay Fixture (PlanLED A1W4).....	348.27	59.54
			<i>For >50 To 100, Deduct</i>	-11.19	
			<i>For >100 To 250, Deduct</i>	-19.89	
			<i>For >250 To 500, Deduct</i>	-34.83	
			<i>For >500, Deduct</i>	-49.76	
26 51 19 00-0368	EA		4' Length, 42 Watt, LED Linear Low Bay Fixture (PlanLED A2W4A).....	476.93	59.54
			<i>For >50 To 100, Deduct</i>	-14.40	
			<i>For >100 To 250, Deduct</i>	-26.33	
			<i>For >250 To 500, Deduct</i>	-47.69	
			<i>For >500, Deduct</i>	-69.06	
26 51 19 00-0369	EA		8' Length, 84 Watt, LED Linear Low Bay Fixture (PlanLED A2W5A).....	798.50	74.43
			<i>For >50 To 100, Deduct</i>	-23.06	
			<i>For >100 To 250, Deduct</i>	-43.03	
			<i>For >250 To 500, Deduct</i>	-79.85	
			<i>For >500, Deduct</i>	-116.67	
26 51 19 00-0370			LED Low Bay Fixtures (CREE®) <small>(26 51 19 00-0365)</small>		
26 51 19 00-0371			LED Low Bay Fixtures (CREE® LS) <small>(26 51 19 00-0370)</small>		
			Note: Includes 120/277 voltage and 22 gauge steel housing assembly. Excludes sensors.		
26 51 19 00-0372	EA		2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-35K-10V).....	322.40	59.54
			<i>For >50 To 100, Deduct</i>	-10.54	
			<i>For >100 To 250, Deduct</i>	-18.60	
			<i>For >250 To 500, Deduct</i>	-32.24	
			<i>For >500, Deduct</i>	-45.88	
26 51 19 00-0373	EA		2,500 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-25L-50K-10V).....	345.28	59.54
			<i>For >50 To 100, Deduct</i>	-11.11	
			<i>For >100 To 250, Deduct</i>	-19.75	
			<i>For >250 To 500, Deduct</i>	-34.53	
			<i>For >500, Deduct</i>	-49.31	
26 51 19 00-0374	EA		4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-35K-10V).....	331.93	59.54
			<i>For >50 To 100, Deduct</i>	-10.78	
			<i>For >100 To 250, Deduct</i>	-19.08	
			<i>For >250 To 500, Deduct</i>	-33.19	
			<i>For >500, Deduct</i>	-47.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0375 EA 4,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-40L-50K-10V)	354.82	59.54
<i>For >50 To 100, Deduct</i>	-11.35	
<i>For >100 To 250, Deduct</i>	-20.22	
<i>For >250 To 500, Deduct</i>	-35.48	
<i>For >500, Deduct</i>	-50.74	
26 51 19 00-0376 EA 5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-35K-10V)	371.99	59.54
<i>For >50 To 100, Deduct</i>	-11.78	
<i>For >100 To 250, Deduct</i>	-21.08	
<i>For >250 To 500, Deduct</i>	-37.20	
<i>For >500, Deduct</i>	-53.32	
26 51 19 00-0377 EA 5,000 Lumens, 4' Length, LED Low Bay Fixture (Cree® LS4-50L-50K-10V)	394.88	59.54
<i>For >50 To 100, Deduct</i>	-12.35	
<i>For >100 To 250, Deduct</i>	-22.23	
<i>For >250 To 500, Deduct</i>	-39.49	
<i>For >500, Deduct</i>	-56.75	
26 51 19 00-0378 EA 8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-35K-10V)	524.59	74.43
<i>For >50 To 100, Deduct</i>	-16.22	
<i>For >100 To 250, Deduct</i>	-29.33	
<i>For >250 To 500, Deduct</i>	-52.46	
<i>For >500, Deduct</i>	-75.59	
26 51 19 00-0379 EA 8,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-80L-50K-10V)	566.55	74.43
<i>For >50 To 100, Deduct</i>	-17.27	
<i>For >100 To 250, Deduct</i>	-31.43	
<i>For >250 To 500, Deduct</i>	-56.66	
<i>For >500, Deduct</i>	-81.88	
26 51 19 00-0380 EA 10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-35K-10V)	654.29	74.43
<i>For >50 To 100, Deduct</i>	-19.46	
<i>For >100 To 250, Deduct</i>	-35.82	
<i>For >250 To 500, Deduct</i>	-65.43	
<i>For >500, Deduct</i>	-95.04	
26 51 19 00-0381 EA 10,000 Lumens, 8' Length, LED Low Bay Fixture (Cree® LS8-100L-50K-10V)	677.17	74.43
<i>For >50 To 100, Deduct</i>	-20.03	
<i>For >100 To 250, Deduct</i>	-36.96	
<i>For >250 To 500, Deduct</i>	-67.72	
<i>For >500, Deduct</i>	-98.47	
26 51 19 00-0382 LED Low Bay Fixtures (CREE® LN) <small>(26 51 19 00-0370)</small>		
<i>Note: Includes 120/277 voltage and aluminum housing assembly. Excludes sensors.</i>		
26 51 19 00-0383 EA 3,400 Lumens, 4' Length, LED Low Bay Fixture (Cree® LN4-34L-35K-10V)	745.82	59.54
<i>For >50 To 100, Deduct</i>	-21.13	
<i>For >100 To 250, Deduct</i>	-39.77	
<i>For >250 To 500, Deduct</i>	-74.58	
<i>For >500, Deduct</i>	-109.39	
26 51 19 00-0384 EA 3,400 Lumens, 4' Length, LED Low Bay Fixture, Smartcast Technology (Cree® LN4-34L-35K-CMA)	841.19	59.54
<i>For >50 To 100, Deduct</i>	-23.51	
<i>For >100 To 250, Deduct</i>	-44.54	
<i>For >250 To 500, Deduct</i>	-84.12	
<i>For >500, Deduct</i>	-123.70	
26 51 19 00-0385 LED Linear Low Bay Fixtures (CREE® CS) <small>(26 51 19 00-0370)</small>		
<i>Note: Includes 3,500 or 4,000K color temperature, 120/277 voltage and lightweight polymer housing assembly. Excludes sensors.</i>		
26 51 19 00-0386 EA 2,200 Lumens, 4' Length, LED Low Bay Fixture, 0-10V Dimming (Cree® CS14™)	543.53	59.54
<i>For >50 To 100, Deduct</i>	-16.07	
<i>For >100 To 250, Deduct</i>	-29.66	
<i>For >250 To 500, Deduct</i>	-54.35	
<i>For >500, Deduct</i>	-79.05	
26 51 19 00-0387 EA 3,800 Lumens, 4' Length, LED Low Bay Fixture, 0-10V Dimming (Cree® CS14™)	649.01	59.54
<i>For >50 To 100, Deduct</i>	-18.71	
<i>For >100 To 250, Deduct</i>	-34.93	
<i>For >250 To 500, Deduct</i>	-64.90	
<i>For >500, Deduct</i>	-94.87	
26 51 19 00-0388 EA 4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Cree® CS14™)	720.28	59.54
<i>For >50 To 100, Deduct</i>	-20.49	
<i>For >100 To 250, Deduct</i>	-38.50	
<i>For >250 To 500, Deduct</i>	-72.03	
<i>For >500, Deduct</i>	-105.56	
26 51 19 00-0389 EA 7,500 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	895.42	74.43
<i>For >50 To 100, Deduct</i>	-25.49	
<i>For >100 To 250, Deduct</i>	-47.87	
<i>For >250 To 500, Deduct</i>	-89.54	
<i>For >500, Deduct</i>	-131.21	
26 51 19 00-0390 EA 8,000 Lumens, 8' Length, LED Linear Low Bay Fixture (Cree® CS18™)	1,144.50	74.43
<i>For >50 To 100, Deduct</i>	-31.71	
<i>For >100 To 250, Deduct</i>	-60.33	
<i>For >250 To 500, Deduct</i>	-114.45	
<i>For >500, Deduct</i>	-168.57	
26 51 19 00-0391 EA 4,000 Lumens, 4' Length, High Efficacy, LED Low Bay Fixture, Smartcast Technology (Cree® CS14-40LHE™)	680.97	59.54
<i>For >50 To 100, Deduct</i>	-19.51	
<i>For >100 To 250, Deduct</i>	-36.53	
<i>For >250 To 500, Deduct</i>	-68.10	
<i>For >500, Deduct</i>	-99.66	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0392	EA	3,800 Lumens, 4' Length, High Efficacy, LED Low Bay Fixture, Smartcast Technology (Cree® CS14-38L™)	738.75	59.54
			<i>For >50 To 100, Deduct</i>	-20.95	
			<i>For >100 To 250, Deduct</i>	-39.42	
			<i>For >250 To 500, Deduct</i>	-73.88	
			<i>For >500, Deduct</i>	-108.33	
26 51	19 00-0393	EA	8,000 Lumens, 8' Length, High Efficacy, LED Low Bay Fixture, Smartcast Technology (Cree® CS18-80LHE™)	1,092.97	74.43
			<i>For >50 To 100, Deduct</i>	-30.43	
			<i>For >100 To 250, Deduct</i>	-57.75	
			<i>For >250 To 500, Deduct</i>	-109.30	
			<i>For >500, Deduct</i>	-160.84	
26 51	19 00-0394	EA	7,500 Lumens, 8' Length, High Efficacy, LED Low Bay Fixture, Smartcast Technology (Cree® CS18-75L™)	852.65	74.43
			<i>For >50 To 100, Deduct</i>	-24.42	
			<i>For >100 To 250, Deduct</i>	-45.73	
			<i>For >250 To 500, Deduct</i>	-85.27	
			<i>For >500, Deduct</i>	-124.80	
26 51	19 00-0395		Accessories For LED Low Bay Fixtures (CREE®) <small>(26 51 19 00-0370)</small>		
26 51	19 00-0396	EA	Continuous Row Through Wiring Kit For 4' Fixtures (Cree® LS4TWK)	60.87	16.32
			<i>For >50 To 100, Deduct</i>	-2.20	
			<i>For >100 To 250, Deduct</i>	-3.72	
			<i>For >250 To 500, Deduct</i>	-6.09	
			<i>For >500, Deduct</i>	-8.45	
26 51	19 00-0397	EA	Continuous Row Through Wiring Kit For 8' Fixtures (Cree® LS8TWK)	67.61	16.32
			<i>For >50 To 100, Deduct</i>	-2.37	
			<i>For >100 To 250, Deduct</i>	-4.06	
			<i>For >250 To 500, Deduct</i>	-6.76	
			<i>For >500, Deduct</i>	-9.46	
26 51	19 00-0398	EA	Top Housing Aligner For Continuous Row Installations (Cree® LS-RJ)	49.64	16.32
			<i>For >50 To 100, Deduct</i>	-1.92	
			<i>For >100 To 250, Deduct</i>	-3.16	
			<i>For >250 To 500, Deduct</i>	-4.96	
			<i>For >500, Deduct</i>	-6.77	
26 51	19 00-0399	EA	Reflector Joint Aligner For Continuous Row Installations (Cree® LS-RFLJ)	38.43	16.32
			<i>For >50 To 100, Deduct</i>	-1.64	
			<i>For >100 To 250, Deduct</i>	-2.60	
			<i>For >250 To 500, Deduct</i>	-3.84	
			<i>For >500, Deduct</i>	-5.08	
26 51	19 00-0400	EA	Solid Reflector, Pair (Cree® LS4-SR)	139.40	16.32
			<i>For >50 To 100, Deduct</i>	-4.17	
			<i>For >100 To 250, Deduct</i>	-7.65	
			<i>For >250 To 500, Deduct</i>	-13.94	
			<i>For >500, Deduct</i>	-20.23	
26 51	19 00-0401	EA	Solid Reflector, Pair (Cree® LS8-SR)	195.51	16.32
			<i>For >50 To 100, Deduct</i>	-5.57	
			<i>For >100 To 250, Deduct</i>	-10.46	
			<i>For >250 To 500, Deduct</i>	-19.55	
			<i>For >500, Deduct</i>	-28.65	
26 51	19 00-0402	EA	5" Cable Canopy With #18/2 SJT Cord, 48" (Cree® AC5-18/2-48-Q14B-JB)	67.61	16.32
			<i>For >50 To 100, Deduct</i>	-2.37	
			<i>For >100 To 250, Deduct</i>	-4.06	
			<i>For >250 To 500, Deduct</i>	-6.76	
			<i>For >500, Deduct</i>	-9.46	
26 51	19 00-0403	EA	5" Cable Canopy With #18/2 SJT Cord, 72" (Cree® AC5-18/2-72-Q14B-JB)	99.02	16.32
			<i>For >50 To 100, Deduct</i>	-3.16	
			<i>For >100 To 250, Deduct</i>	-5.63	
			<i>For >250 To 500, Deduct</i>	-9.90	
			<i>For >500, Deduct</i>	-14.17	
26 51	19 00-0404	EA	5" Cable Canopy With #18/5 SJT Cord, 48" (Cree® AC5-18/5-48-Q14B-JB)	76.57	16.32
			<i>For >50 To 100, Deduct</i>	-2.59	
			<i>For >100 To 250, Deduct</i>	-4.51	
			<i>For >250 To 500, Deduct</i>	-7.66	
			<i>For >500, Deduct</i>	-10.81	
26 51	19 00-0405	EA	5" Cable Canopy With #18/5 SJT Cord, 72" (Cree® AC5-18/5-72-Q14B-JB)	105.75	16.32
			<i>For >50 To 100, Deduct</i>	-3.32	
			<i>For >100 To 250, Deduct</i>	-5.97	
			<i>For >250 To 500, Deduct</i>	-10.58	
			<i>For >500, Deduct</i>	-15.18	
26 51	19 00-0406	EA	5" Cable Canopy With #18/5 SJT Cord, 96" (Cree® AC5-18/5-96-Q14B-JB)	112.49	16.32
			<i>For >50 To 100, Deduct</i>	-3.49	
			<i>For >100 To 250, Deduct</i>	-6.30	
			<i>For >250 To 500, Deduct</i>	-11.25	
			<i>For >500, Deduct</i>	-16.19	
26 51	19 00-0407	EA	5" Cable Canopy With #12/3 SJT Cord, 48" (Cree® AC5-12/3-48-Q14B-JB)	94.52	16.32
			<i>For >50 To 100, Deduct</i>	-3.04	
			<i>For >100 To 250, Deduct</i>	-5.41	
			<i>For >250 To 500, Deduct</i>	-9.45	
			<i>For >500, Deduct</i>	-13.50	
26 51	19 00-0408	EA	5" Cable Canopy With #12/3 SJT Cord, 72" (Cree® AC5-12/3-72-Q14B-JB)	146.13	16.32
			<i>For >50 To 100, Deduct</i>	-4.33	
			<i>For >100 To 250, Deduct</i>	-7.99	
			<i>For >250 To 500, Deduct</i>	-14.61	
			<i>For >500, Deduct</i>	-21.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0409 EA Set Of End Caps, One With Power Feed, One Without (Cree® LN-EC)	72.09	16.32
<i>For >50 To 100, Deduct</i>	-2.48	
<i>For >100 To 250, Deduct</i>	-4.28	
<i>For >250 To 500, Deduct</i>	-7.21	
<i>For >500, Deduct</i>	-10.13	
26 51 19 00-0410 EA Canopy Kit With Aircraft Cable And Opening For Power Feed (Cree® LN-CK-5-AC)	90.04	16.32
<i>For >50 To 100, Deduct</i>	-2.93	
<i>For >100 To 250, Deduct</i>	-5.18	
<i>For >250 To 500, Deduct</i>	-9.00	
<i>For >500, Deduct</i>	-12.83	
26 51 19 00-0411 EA Canopy Kit With Aircraft Cable No Opening For Power Feed (Cree® LN-CK-0-AC)	67.61	16.32
<i>For >50 To 100, Deduct</i>	-2.37	
<i>For >100 To 250, Deduct</i>	-4.06	
<i>For >250 To 500, Deduct</i>	-6.76	
<i>For >500, Deduct</i>	-9.46	
26 51 19 00-0412 EA Emergency 125W Inverter, Ceiling Installed (Cree® ELI-125W)	1,461.98	39.69
<i>For >50 To 100, Deduct</i>	-38.04	
<i>For >100 To 250, Deduct</i>	-74.59	
<i>For >250 To 500, Deduct</i>	-146.20	
<i>For >500, Deduct</i>	-217.81	
26 51 19 00-0413 EA 120 Volt, Emergency Relay For Use With Generator Power (Cree® EL-SR-120)	508.31	39.69
<i>For >50 To 100, Deduct</i>	-14.20	
<i>For >100 To 250, Deduct</i>	-26.90	
<i>For >250 To 500, Deduct</i>	-50.83	
<i>For >500, Deduct</i>	-74.76	
26 51 19 00-0414 LED Linear Low Bay Fixtures (Lithonia MSL) <small>(26 51 19 00-0365)</small>		
Note: Includes 3,500K, 4,000K or 5,000K color temperature, 120/277 voltage and steel housing assembly. Excludes sensors.		
26 51 19 00-0415 EA 4,000 Lumens, 4' Length, LED Linear Low Bay Fixture (Lithonia MSL)	944.41	59.54
<i>For >50 To 100, Deduct</i>	-26.09	
<i>For >100 To 250, Deduct</i>	-49.70	
<i>For >250 To 500, Deduct</i>	-94.44	
<i>For >500, Deduct</i>	-139.18	
26 51 19 00-0416 High Bay LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0417 LED High Bay Fixtures (Columbia Lighting LWS) <small>(26 51 19 00-0416)</small>		
26 51 19 00-0418 EA 16" x 24", 7,909 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-LW-W-EU)	465.12	109.16
<i>For >50 To 100, Deduct</i>	-17.09	
<i>For >100 To 250, Deduct</i>	-28.71	
<i>For >250 To 500, Deduct</i>	-46.51	
<i>For >500, Deduct</i>	-64.31	
26 51 19 00-0419 EA 16" x 24", 8,526 Lumens, 58.8 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-LW-W-EU)	465.12	109.16
<i>For >50 To 100, Deduct</i>	-17.09	
<i>For >100 To 250, Deduct</i>	-28.71	
<i>For >250 To 500, Deduct</i>	-46.51	
<i>For >500, Deduct</i>	-64.31	
26 51 19 00-0420 EA 16" x 24", 11,812 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-ML-W-EU)	524.36	109.16
<i>For >50 To 100, Deduct</i>	-18.57	
<i>For >100 To 250, Deduct</i>	-31.68	
<i>For >250 To 500, Deduct</i>	-52.44	
<i>For >500, Deduct</i>	-73.20	
26 51 19 00-0421 EA 16" x 24", 12,734 Lumens, 82.9 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-ML-W-EU)	524.36	109.16
<i>For >50 To 100, Deduct</i>	-18.57	
<i>For >100 To 250, Deduct</i>	-31.68	
<i>For >250 To 500, Deduct</i>	-52.44	
<i>For >500, Deduct</i>	-73.20	
26 51 19 00-0422 EA 16" x 24", 14,813 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-HL-W-EU)	623.08	109.16
<i>For >50 To 100, Deduct</i>	-21.04	
<i>For >100 To 250, Deduct</i>	-36.61	
<i>For >250 To 500, Deduct</i>	-62.31	
<i>For >500, Deduct</i>	-88.00	
26 51 19 00-0423 EA 16" x 24", 15,968 Lumens, 112.5 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-HL-W-EU)	623.08	109.16
<i>For >50 To 100, Deduct</i>	-21.04	
<i>For >100 To 250, Deduct</i>	-36.61	
<i>For >250 To 500, Deduct</i>	-62.31	
<i>For >500, Deduct</i>	-88.00	
26 51 19 00-0424 EA 16" x 24", 18,714 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-VL-W-EU)	662.56	109.16
<i>For >50 To 100, Deduct</i>	-22.02	
<i>For >100 To 250, Deduct</i>	-38.59	
<i>For >250 To 500, Deduct</i>	-66.26	
<i>For >500, Deduct</i>	-93.93	
26 51 19 00-0425 EA 16" x 24", 19,511 Lumens, 137.1 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-VL-W-EU)	662.56	109.16
<i>For >50 To 100, Deduct</i>	-22.02	
<i>For >100 To 250, Deduct</i>	-38.59	
<i>For >250 To 500, Deduct</i>	-66.26	
<i>For >500, Deduct</i>	-93.93	
26 51 19 00-0426 EA 16" x 24", 22,994 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-30-XL-W-EU)	692.18	109.16
<i>For >50 To 100, Deduct</i>	-22.76	
<i>For >100 To 250, Deduct</i>	-40.07	
<i>For >250 To 500, Deduct</i>	-69.22	
<i>For >500, Deduct</i>	-98.37	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0427	EA	16" x 24", 24,787 Lumens, 174 Watt, LED Suspended High Bay/Low Bay Fixture (Columbia LWS-50-XL-W-EU).....	692.18	109.16
			<i>For >50 To 100, Deduct</i>	-22.76	
			<i>For >100 To 250, Deduct</i>	-40.07	
			<i>For >250 To 500, Deduct</i>	-69.22	
			<i>For >500, Deduct</i>	-98.37	
26 51	19 00-0428		LED High Bay Fixtures (Cree) <small>(26 51 19 00-0416)</small>		
26 51	19 00-0429		LED High Bay Fixtures (CREE®) <small>(26 51 19 00-0428)</small>		
26 51	19 00-0430	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-10V).....	864.90	109.16
			<i>For >50 To 100, Deduct</i>	-27.08	
			<i>For >100 To 250, Deduct</i>	-48.70	
			<i>For >250 To 500, Deduct</i>	-86.49	
			<i>For >500, Deduct</i>	-124.28	
26 51	19 00-0431	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UL-ML).....	1,048.56	109.16
			<i>For >50 To 100, Deduct</i>	-31.67	
			<i>For >100 To 250, Deduct</i>	-57.89	
			<i>For >250 To 500, Deduct</i>	-104.86	
			<i>For >500, Deduct</i>	-151.83	
26 51	19 00-0432	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-10V).....	958.82	109.16
			<i>For >50 To 100, Deduct</i>	-29.43	
			<i>For >100 To 250, Deduct</i>	-53.40	
			<i>For >250 To 500, Deduct</i>	-95.88	
			<i>For >500, Deduct</i>	-138.37	
26 51	19 00-0433	EA	18,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-M-40K-8-UH-ML).....	1,104.67	109.16
			<i>For >50 To 100, Deduct</i>	-33.07	
			<i>For >100 To 250, Deduct</i>	-60.69	
			<i>For >250 To 500, Deduct</i>	-110.47	
			<i>For >500, Deduct</i>	-160.24	
26 51	19 00-0434	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-10V).....	897.33	109.16
			<i>For >50 To 100, Deduct</i>	-27.89	
			<i>For >100 To 250, Deduct</i>	-50.32	
			<i>For >250 To 500, Deduct</i>	-89.73	
			<i>For >500, Deduct</i>	-129.14	
26 51	19 00-0435	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UL-ML).....	1,082.22	109.16
			<i>For >50 To 100, Deduct</i>	-32.51	
			<i>For >100 To 250, Deduct</i>	-59.57	
			<i>For >250 To 500, Deduct</i>	-108.22	
			<i>For >500, Deduct</i>	-156.88	
26 51	19 00-0436	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-10V).....	992.47	109.16
			<i>For >50 To 100, Deduct</i>	-30.27	
			<i>For >100 To 250, Deduct</i>	-55.08	
			<i>For >250 To 500, Deduct</i>	-99.25	
			<i>For >500, Deduct</i>	-143.41	
26 51	19 00-0437	EA	24,000 Median Lumens, Universal Mount, LED High Bay Fixture (Cree® CXB-A-UV-H-40K-8-UH-ML).....	1,138.32	109.16
			<i>For >50 To 100, Deduct</i>	-33.92	
			<i>For >100 To 250, Deduct</i>	-62.37	
			<i>For >250 To 500, Deduct</i>	-113.83	
			<i>For >500, Deduct</i>	-165.29	
26 51	19 00-0438		Accessories For LED High Bay Fixtures (CREE®) <small>(26 51 19 00-0428)</small>		
26 51	19 00-0439	EA	15 Amperes, 120 Volt, Straight Blade Plug For LED High Bay Fixtures (Cree® AP-515P).....	60.87	16.32
			<i>For >50 To 100, Deduct</i>	-2.20	
			<i>For >100 To 250, Deduct</i>	-3.72	
			<i>For >250 To 500, Deduct</i>	-6.09	
			<i>For >500, Deduct</i>	-8.45	
26 51	19 00-0440	EA	15 Amperes, 120 Volt, Twist Lock Plug For LED High Bay Fixtures (Cree® AP-L515P).....	60.87	16.32
			<i>For >50 To 100, Deduct</i>	-2.20	
			<i>For >100 To 250, Deduct</i>	-3.72	
			<i>For >250 To 500, Deduct</i>	-6.09	
			<i>For >500, Deduct</i>	-8.45	
26 51	19 00-0441	EA	16" Matte Spun Aluminum Reflector For LED High Bay Fixture (Cree® CXBA16N).....	83.30	16.32
			<i>For >50 To 100, Deduct</i>	-2.76	
			<i>For >100 To 250, Deduct</i>	-4.85	
			<i>For >250 To 500, Deduct</i>	-8.33	
			<i>For >500, Deduct</i>	-11.81	
26 51	19 00-0442	EA	16" Clear Acrylic Reflector For LED High Bay Fixture (Cree® CXBP16).....	128.18	16.32
			<i>For >50 To 100, Deduct</i>	-3.88	
			<i>For >100 To 250, Deduct</i>	-7.09	
			<i>For >250 To 500, Deduct</i>	-12.82	
			<i>For >500, Deduct</i>	-18.55	
26 51	19 00-0443	EA	16" White Acrylic Reflector For LED High Bay Fixture (Cree® CXBW16).....	150.63	16.32
			<i>For >50 To 100, Deduct</i>	-4.45	
			<i>For >100 To 250, Deduct</i>	-8.21	
			<i>For >250 To 500, Deduct</i>	-15.06	
			<i>For >500, Deduct</i>	-21.91	
26 51	19 00-0444	EA	16" Clear Prismatic Conical Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® CL16).....	83.30	16.32
			<i>For >50 To 100, Deduct</i>	-2.76	
			<i>For >100 To 250, Deduct</i>	-4.85	
			<i>For >250 To 500, Deduct</i>	-8.33	
			<i>For >500, Deduct</i>	-11.81	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0445	EA		16" Clear Prismatic Drop Lens For Prismatic And Acrylic Reflectors For LED High Bay Fixtures (Cree® DL16).....	85.56	16.32
			<i>For >50 To 100, Deduct</i>	-2.82	
			<i>For >100 To 250, Deduct</i>	-4.96	
			<i>For >250 To 500, Deduct</i>	-8.56	
			<i>For >500, Deduct</i>	-12.15	
26 51 19 00-0446	EA		16" Wire Guard For Aluminum Reflector For LED High Bay Fixtures (Cree® WG-A).....	60.87	16.32
			<i>For >50 To 100, Deduct</i>	-2.20	
			<i>For >100 To 250, Deduct</i>	-3.72	
			<i>For >250 To 500, Deduct</i>	-6.09	
			<i>For >500, Deduct</i>	-8.45	
26 51 19 00-0447	EA		16" Wire Guard For Prismatic And Acrylic Reflector For LED High Bay Fixtures (Cree® WG-AP).....	65.36	16.32
			<i>For >50 To 100, Deduct</i>	-2.31	
			<i>For >100 To 250, Deduct</i>	-3.95	
			<i>For >250 To 500, Deduct</i>	-6.54	
			<i>For >500, Deduct</i>	-9.12	
26 51 19 00-0448	EA		5' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-5).....	40.68	16.32
			<i>For >50 To 100, Deduct</i>	-1.70	
			<i>For >100 To 250, Deduct</i>	-2.71	
			<i>For >250 To 500, Deduct</i>	-4.07	
			<i>For >500, Deduct</i>	-5.42	
26 51 19 00-0449	EA		10' Galvanized Safety Cable For LED High Bay Fixtures (Cree® SC-10).....	42.93	16.32
			<i>For >50 To 100, Deduct</i>	-1.75	
			<i>For >100 To 250, Deduct</i>	-2.83	
			<i>For >250 To 500, Deduct</i>	-4.29	
			<i>For >500, Deduct</i>	-5.76	
26 51 19 00-0450			LED High Bay Fixtures (DLE) <small>(26 51 19 00-0416)</small>		
26 51 19 00-0451	EA		12,000 Lumens, 120 Watt, LED High Bay Fixture (DLE-12-ST/HV).....	1,378.37	109.16
			<i>For >50 To 100, Deduct</i>	-39.92	
			<i>For >100 To 250, Deduct</i>	-74.38	
			<i>For >250 To 500, Deduct</i>	-137.84	
			<i>For >500, Deduct</i>	-201.30	
26 51 19 00-0452	EA		18,000 Lumens, 180 Watt, LED High Bay Fixture (DLE-18-ST/HV).....	1,697.95	109.16
			<i>For >50 To 100, Deduct</i>	-47.91	
			<i>For >100 To 250, Deduct</i>	-90.36	
			<i>For >250 To 500, Deduct</i>	-169.80	
			<i>For >500, Deduct</i>	-249.23	
26 51 19 00-0453	EA		24,000 Lumens, 230 Watt, LED High Bay Fixture (DLE-24-ST/HV).....	1,994.71	109.16
			<i>For >50 To 100, Deduct</i>	-55.33	
			<i>For >100 To 250, Deduct</i>	-105.19	
			<i>For >250 To 500, Deduct</i>	-199.47	
			<i>For >500, Deduct</i>	-293.75	
26 51 19 00-0454			LED High Bay Fixtures (Everlast) <small>(26 51 19 00-0416)</small>		
26 51 19 00-0455			LED High Bay Fixtures (Everlast EL-LED-LG) <small>(26 51 19 00-0454)</small>		
26 51 19 00-0456	EA		13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC).....	923.89	109.16
			<i>For >50 To 100, Deduct</i>	-28.56	
			<i>For >100 To 250, Deduct</i>	-51.65	
			<i>For >250 To 500, Deduct</i>	-92.39	
			<i>For >500, Deduct</i>	-133.13	
26 51 19 00-0457	EA		13,500 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO).....	977.85	109.16
			<i>For >50 To 100, Deduct</i>	-29.90	
			<i>For >100 To 250, Deduct</i>	-54.35	
			<i>For >250 To 500, Deduct</i>	-97.79	
			<i>For >500, Deduct</i>	-141.22	
26 51 19 00-0458	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16).....	869.94	109.16
			<i>For >50 To 100, Deduct</i>	-27.21	
			<i>For >100 To 250, Deduct</i>	-48.96	
			<i>For >250 To 500, Deduct</i>	-86.99	
			<i>For >500, Deduct</i>	-125.03	
26 51 19 00-0459	EA		15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22).....	892.77	109.16
			<i>For >50 To 100, Deduct</i>	-27.78	
			<i>For >100 To 250, Deduct</i>	-50.10	
			<i>For >250 To 500, Deduct</i>	-89.28	
			<i>For >500, Deduct</i>	-128.46	
26 51 19 00-0460	EA		17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AC).....	1,017.28	109.16
			<i>For >50 To 100, Deduct</i>	-30.89	
			<i>For >100 To 250, Deduct</i>	-56.32	
			<i>For >250 To 500, Deduct</i>	-101.73	
			<i>For >500, Deduct</i>	-147.13	
26 51 19 00-0461	EA		17,500 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AO).....	1,110.66	109.16
			<i>For >50 To 100, Deduct</i>	-33.22	
			<i>For >100 To 250, Deduct</i>	-60.99	
			<i>For >250 To 500, Deduct</i>	-111.07	
			<i>For >500, Deduct</i>	-161.14	
26 51 19 00-0462	EA		20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL16).....	967.47	109.16
			<i>For >50 To 100, Deduct</i>	-29.64	
			<i>For >100 To 250, Deduct</i>	-53.83	
			<i>For >250 To 500, Deduct</i>	-96.75	
			<i>For >500, Deduct</i>	-139.66	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0463	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LG, AL22)	1,048.41	109.16
			<i>For >50 To 100, Deduct</i>	-31.67	
			<i>For >100 To 250, Deduct</i>	-57.88	
			<i>For >250 To 500, Deduct</i>	-104.84	
			<i>For >500, Deduct</i>	-151.80	
26 51	19 00-0464	EA	34,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,536.08	109.16
			<i>For >50 To 100, Deduct</i>	-43.86	
			<i>For >100 To 250, Deduct</i>	-82.26	
			<i>For >250 To 500, Deduct</i>	-153.61	
			<i>For >500, Deduct</i>	-224.95	
26 51	19 00-0465	EA	43,000 Lumens, 400 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	1,681.35	109.16
			<i>For >50 To 100, Deduct</i>	-47.49	
			<i>For >100 To 250, Deduct</i>	-89.53	
			<i>For >250 To 500, Deduct</i>	-168.14	
			<i>For >500, Deduct</i>	-246.74	
26 51	19 00-0466	EA	66,000 Lumens, 600 Watt, LED High Bay Fixture (Everlast EL-LED-LG-HW, AL30)	2,096.39	109.16
			<i>For >50 To 100, Deduct</i>	-57.87	
			<i>For >100 To 250, Deduct</i>	-110.28	
			<i>For >250 To 500, Deduct</i>	-209.64	
			<i>For >500, Deduct</i>	-309.00	
26 51	19 00-0467		LED High Bay Fixtures (Everlast EL-LED-CS) <small>(26 51 19 00-0454)</small>		
26 51	19 00-0468	EA	5,000 Lumens, 50 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	571.11	109.16
			<i>For >50 To 100, Deduct</i>	-19.74	
			<i>For >100 To 250, Deduct</i>	-34.01	
			<i>For >250 To 500, Deduct</i>	-57.11	
			<i>For >500, Deduct</i>	-80.21	
26 51	19 00-0469	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	851.26	109.16
			<i>For >50 To 100, Deduct</i>	-26.74	
			<i>For >100 To 250, Deduct</i>	-48.02	
			<i>For >250 To 500, Deduct</i>	-85.13	
			<i>For >500, Deduct</i>	-122.23	
26 51	19 00-0470	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	975.78	109.16
			<i>For >50 To 100, Deduct</i>	-29.85	
			<i>For >100 To 250, Deduct</i>	-54.25	
			<i>For >250 To 500, Deduct</i>	-97.58	
			<i>For >500, Deduct</i>	-140.91	
26 51	19 00-0471	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,121.04	109.16
			<i>For >50 To 100, Deduct</i>	-33.48	
			<i>For >100 To 250, Deduct</i>	-61.51	
			<i>For >250 To 500, Deduct</i>	-112.10	
			<i>For >500, Deduct</i>	-162.70	
26 51	19 00-0472	EA	30,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-CS)	1,214.43	109.16
			<i>For >50 To 100, Deduct</i>	-35.82	
			<i>For >100 To 250, Deduct</i>	-66.18	
			<i>For >250 To 500, Deduct</i>	-121.44	
			<i>For >500, Deduct</i>	-176.71	
26 51	19 00-0473		LED High Bay Fixtures (Everlast EL-LED-HB-LG) <small>(26 51 19 00-0454)</small>		
26 51	19 00-0474	EA	10,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	757.88	109.16
			<i>For >50 To 100, Deduct</i>	-24.41	
			<i>For >100 To 250, Deduct</i>	-43.35	
			<i>For >250 To 500, Deduct</i>	-75.79	
			<i>For >500, Deduct</i>	-108.22	
26 51	19 00-0475	EA	15,000 Lumens, 150 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	809.76	109.16
			<i>For >50 To 100, Deduct</i>	-25.70	
			<i>For >100 To 250, Deduct</i>	-45.95	
			<i>For >250 To 500, Deduct</i>	-80.98	
			<i>For >500, Deduct</i>	-116.01	
26 51	19 00-0476	EA	20,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-HB-LG)	882.39	109.16
			<i>For >50 To 100, Deduct</i>	-27.52	
			<i>For >100 To 250, Deduct</i>	-49.58	
			<i>For >250 To 500, Deduct</i>	-88.24	
			<i>For >500, Deduct</i>	-126.90	
26 51	19 00-0477		LED High Bay Fixtures (Everlast EL-LED-LHB) <small>(26 51 19 00-0454)</small>		
26 51	19 00-0478	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	770.33	109.16
			<i>For >50 To 100, Deduct</i>	-24.72	
			<i>For >100 To 250, Deduct</i>	-43.97	
			<i>For >250 To 500, Deduct</i>	-77.03	
			<i>For >500, Deduct</i>	-110.09	
26 51	19 00-0479	EA	26,000 Lumens, 200 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	955.02	109.16
			<i>For >50 To 100, Deduct</i>	-29.33	
			<i>For >100 To 250, Deduct</i>	-53.21	
			<i>For >250 To 500, Deduct</i>	-95.50	
			<i>For >500, Deduct</i>	-137.80	
26 51	19 00-0480	EA	39,000 Lumens, 300 Watt, LED High Bay Fixture (Everlast EL-LED-LHB)	1,193.67	109.16
			<i>For >50 To 100, Deduct</i>	-35.30	
			<i>For >100 To 250, Deduct</i>	-65.14	
			<i>For >250 To 500, Deduct</i>	-119.37	
			<i>For >500, Deduct</i>	-173.59	

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0481 LED High Bay Fixtures (Lithonia IBG) <small>(26 51 19 00-0416)</small>		
26 51 19 00-0482 EA 8,000 Lumens, 48 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 8000LM SEF ACL GND MVOLT)	387.40	107.17
For >50 To 100, Deduct	-13.76	
For >100 To 250, Deduct	-23.45	
For >250 To 500, Deduct	-38.74	
For >500, Deduct	-54.03	
26 51 19 00-0483 EA 12,000 Lumens, 76 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 12000LM SEF ACL GND MVOLT)	402.39	107.17
For >50 To 100, Deduct	-14.14	
For >100 To 250, Deduct	-24.20	
For >250 To 500, Deduct	-40.24	
For >500, Deduct	-56.28	
26 51 19 00-0484 EA 15,000 Lumens, 93 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 15000LM SEF ACL GND MVOLT)	436.11	107.17
For >50 To 100, Deduct	-14.98	
For >100 To 250, Deduct	-25.88	
For >250 To 500, Deduct	-43.61	
For >500, Deduct	-61.34	
26 51 19 00-0485 EA 18,000 Lumens, 105 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 18000LM SEF ACL GND MVOLT)	489.36	107.17
For >50 To 100, Deduct	-16.31	
For >100 To 250, Deduct	-28.54	
For >250 To 500, Deduct	-48.94	
For >500, Deduct	-69.33	
26 51 19 00-0486 EA 24,000 Lumens, 144 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 24000LM SEF ACL GND MVOLT)	532.71	107.17
For >50 To 100, Deduct	-17.39	
For >100 To 250, Deduct	-30.71	
For >250 To 500, Deduct	-53.27	
For >500, Deduct	-75.83	
26 51 19 00-0487 EA 30,000 Lumens, 178 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 30000LM SEF ACL GND MVOLT)	634.62	107.17
For >50 To 100, Deduct	-19.94	
For >100 To 250, Deduct	-35.81	
For >250 To 500, Deduct	-63.46	
For >500, Deduct	-91.12	
26 51 19 00-0488 EA 36,000 Lumens, 218 Watt, 25.6" Length, LED High Bay Fixture (Lithonia IBG 36000LM SEF ACL GND MVOLT)	764.71	107.17
For >50 To 100, Deduct	-23.19	
For >100 To 250, Deduct	-42.31	
For >250 To 500, Deduct	-76.47	
For >500, Deduct	-110.63	
26 51 19 00-0489 EA 48,000 Lumens, 284 Watt, 47.29" Length, LED High Bay Fixture (Lithonia IBG 48000LM SEF ACL GND MVOLT)	1,100.44	109.16
For >50 To 100, Deduct	-32.97	
For >100 To 250, Deduct	-60.48	
For >250 To 500, Deduct	-110.04	
For >500, Deduct	-159.61	
26 51 19 00-0490 LED High Bay Fixtures (Lithonia IBL) <small>(26 51 19 00-0416)</small>		
26 51 19 00-0491 EA 9,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 9L)	595.85	109.16
For >50 To 100, Deduct	-20.35	
For >100 To 250, Deduct	-35.25	
For >250 To 500, Deduct	-59.59	
For >500, Deduct	-83.92	
26 51 19 00-0492 EA 12,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 12L)	645.21	109.16
For >50 To 100, Deduct	-21.59	
For >100 To 250, Deduct	-37.72	
For >250 To 500, Deduct	-64.52	
For >500, Deduct	-91.32	
26 51 19 00-0493 EA 18,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 18L)	778.48	109.16
For >50 To 100, Deduct	-24.92	
For >100 To 250, Deduct	-44.38	
For >250 To 500, Deduct	-77.85	
For >500, Deduct	-111.31	
26 51 19 00-0494 EA 24,000 Lumens, 45" Length, LED High Bay Fixture (Lithonia IBL 24L)	831.79	109.16
For >50 To 100, Deduct	-26.25	
For >100 To 250, Deduct	-47.05	
For >250 To 500, Deduct	-83.18	
For >500, Deduct	-119.31	
26 51 19 00-0495 LED High Bay Fixtures (Metalux SSLED) <small>(26 51 19 00-0416)</small>		
26 51 19 00-0496 EA 12,000 Lumens, 80 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-12-M-UNV-L840-CD1U)	702.13	109.16
For >50 To 100, Deduct	-23.01	
For >100 To 250, Deduct	-40.56	
For >250 To 500, Deduct	-70.21	
For >500, Deduct	-99.86	
26 51 19 00-0497 EA 15,000 Lumens, 100 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-15-M-UNV-L840-CD1U)	721.14	109.16
For >50 To 100, Deduct	-23.49	
For >100 To 250, Deduct	-41.52	
For >250 To 500, Deduct	-72.11	
For >500, Deduct	-102.71	
26 51 19 00-0498 EA 18,000 Lumens, 120 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-18-M-UNV-L840-CD1U)	728.80	109.16
For >50 To 100, Deduct	-23.68	
For >100 To 250, Deduct	-41.90	
For >250 To 500, Deduct	-72.88	
For >500, Deduct	-103.86	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0499	EA	24,000 Lumens, 160 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-24-M-UNV-L840-CD1U).....	801.68	109.16
			<i>For >50 To 100, Deduct</i>	-25.50	
			<i>For >100 To 250, Deduct</i>	-45.54	
			<i>For >250 To 500, Deduct</i>	-80.17	
			<i>For >500, Deduct</i>	-114.79	
26 51	19 00-0500	EA	30,000 Lumens, 200 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-30-M-UNV-L840-CD1U).....	886.57	109.16
			<i>For >50 To 100, Deduct</i>	-27.62	
			<i>For >100 To 250, Deduct</i>	-49.79	
			<i>For >250 To 500, Deduct</i>	-88.66	
			<i>For >500, Deduct</i>	-127.53	
26 51	19 00-0501	EA	36,000 Lumens, 240 Watt, 5000K, LED Round High Bay Fixture (Metalux SSLED-LD5-36-M-UNV-L840-CD1U).....	918.42	109.16
			<i>For >50 To 100, Deduct</i>	-28.42	
			<i>For >100 To 250, Deduct</i>	-51.38	
			<i>For >250 To 500, Deduct</i>	-91.84	
			<i>For >500, Deduct</i>	-132.31	
26 51	19 00-0502		LED High Bay Fixtures (Neptun LED) <small>(26 51 19 00-0416)</small>		
26 51	19 00-0503	EA	2" Diameter, 13,100 Lumens, Bi-Level Dimming, LED High Bay Fixture With Motion Sensor (Neptun LED-19150).....	856.74	109.16
			<i>For >50 To 100, Deduct</i>	-26.88	
			<i>For >100 To 250, Deduct</i>	-48.30	
			<i>For >250 To 500, Deduct</i>	-85.67	
			<i>For >500, Deduct</i>	-123.05	
26 51	19 00-0504		LED High Bay Fixtures (PlanLED) <small>(26 51 19 00-0416)</small>		
26 51	19 00-0505		LED High Bay Fixtures (PlanLED LUNA) <small>(26 51 19 00-0504)</small>		
			Note: Includes aluminum alloy chassis.		
26 51	19 00-0506	EA	7,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN70).....	898.99	109.16
			<i>For >50 To 100, Deduct</i>	-27.93	
			<i>For >100 To 250, Deduct</i>	-50.41	
			<i>For >250 To 500, Deduct</i>	-89.90	
			<i>For >500, Deduct</i>	-129.39	
26 51	19 00-0507	EA	9,800 Lumens, LED High Bay Fixture (PlanLED LUNA LN98).....	1,015.20	109.16
			<i>For >50 To 100, Deduct</i>	-30.84	
			<i>For >100 To 250, Deduct</i>	-56.22	
			<i>For >250 To 500, Deduct</i>	-101.52	
			<i>For >500, Deduct</i>	-146.82	
26 51	19 00-0508	EA	13,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN130).....	1,183.30	109.16
			<i>For >50 To 100, Deduct</i>	-35.04	
			<i>For >100 To 250, Deduct</i>	-64.62	
			<i>For >250 To 500, Deduct</i>	-118.33	
			<i>For >500, Deduct</i>	-172.04	
26 51	19 00-0509	EA	16,000 Lumens, LED High Bay Fixture (PlanLED LUNA LN160).....	1,347.24	109.16
			<i>For >50 To 100, Deduct</i>	-39.14	
			<i>For >100 To 250, Deduct</i>	-72.82	
			<i>For >250 To 500, Deduct</i>	-134.72	
			<i>For >500, Deduct</i>	-196.63	
26 51	19 00-0510		LED High Bay Fixtures (PlanLED IBL) <small>(26 51 19 00-0504)</small>		
			Note: Includes aluminum alloy chassis.		
26 51	19 00-0511	EA	13,650 Lumens, 130 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 130W).....	982.00	109.16
			<i>For 480 Volt, Add</i>	58.22	
			<i>For >50 To 100, Deduct</i>	-30.01	
			<i>For >100 To 250, Deduct</i>	-54.56	
			<i>For >250 To 500, Deduct</i>	-98.20	
			<i>For >500, Deduct</i>	-141.84	
26 51	19 00-0512	EA	21,000 Lumens, 200 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 200W).....	1,386.67	109.16
			<i>For 480 Volt, Add</i>	73.76	
			<i>For >50 To 100, Deduct</i>	-40.12	
			<i>For >100 To 250, Deduct</i>	-74.79	
			<i>For >250 To 500, Deduct</i>	-138.67	
			<i>For >500, Deduct</i>	-202.54	
26 51	19 00-0513	EA	42,000 Lumens, 400 Watt, 46.5" Length, LED Indirect High Bay Fixture (PlanLED IBL 400W).....	2,501.06	109.16
			<i>For 480 Volt, Add</i>	117.03	
			<i>For >50 To 100, Deduct</i>	-67.98	
			<i>For >100 To 250, Deduct</i>	-130.51	
			<i>For >250 To 500, Deduct</i>	-250.11	
			<i>For >500, Deduct</i>	-369.70	
26 51	19 00-0514		LED High Bay Fixtures (PlanLED SEGA) <small>(26 51 19 00-0504)</small>		
			Note: Includes aluminum alloy chassis.		
26 51	19 00-0515	EA	10,400 Lumens, 80 Watt, LED High Bay Fixture (PlanLED SEGA SE080).....	764.10	109.16
			<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
			<i>For >50 To 100, Deduct</i>	-24.56	
			<i>For >100 To 250, Deduct</i>	-43.66	
			<i>For >250 To 500, Deduct</i>	-76.41	
			<i>For >500, Deduct</i>	-109.16	
26 51	19 00-0516	EA	13,000 Lumens, 100 Watt, LED High Bay Fixture (PlanLED SEGA SE100).....	820.13	109.16
			<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
			<i>For >50 To 100, Deduct</i>	-25.96	
			<i>For >100 To 250, Deduct</i>	-46.46	
			<i>For >250 To 500, Deduct</i>	-82.01	
			<i>For >500, Deduct</i>	-117.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0517 EA 16,900 Lumens, 130 Watt, LED High Bay Fixture (PlanLED SEGA SE130).....	1,013.13	109.16
For 0 To 10 Volt Dimming, Add	89.67	
For >50 To 100, Deduct	-30.79	
For >100 To 250, Deduct	-56.11	
For >250 To 500, Deduct	-101.31	
For >500, Deduct	-146.51	
26 51 19 00-0518 EA 20,800 Lumens, 160 Watt, LED High Bay Fixture (PlanLED SEGA SE160).....	1,152.17	109.16
For 0 To 10 Volt Dimming, Add	89.67	
For >50 To 100, Deduct	-34.26	
For >100 To 250, Deduct	-63.07	
For >250 To 500, Deduct	-115.22	
For >500, Deduct	-167.37	
26 51 19 00-0519 EA 50,000 Lumens, 400 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE400).....	2,177.33	109.16
For >50 To 100, Deduct	-59.89	
For >100 To 250, Deduct	-114.32	
For >250 To 500, Deduct	-217.73	
For >500, Deduct	-321.14	
26 51 19 00-0520 EA 57,040 Lumens, 500 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE500).....	2,359.95	109.16
For >50 To 100, Deduct	-64.46	
For >100 To 250, Deduct	-123.46	
For >250 To 500, Deduct	-236.00	
For >500, Deduct	-348.53	
26 51 19 00-0521 EA 80,000 Lumens, 640 Watt, Array, LED High Bay Fixture (PlanLED SEGA SE640).....	3,617.14	109.16
For >50 To 100, Deduct	-95.89	
For >100 To 250, Deduct	-186.32	
For >250 To 500, Deduct	-361.71	
For >500, Deduct	-537.11	
 26 51 19 00-0522 Wet/Hazardous Location, LED Fixtures (26 51 19 00-0001)		
26 51 19 00-0523 Wet Location, LED Fixtures (26 51 19 00-0522)		
26 51 19 00-0524 Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM) (26 51 19 00-0523)		
Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0525 EA 3,531 Lumens, 29 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM3L).....	2,268.09	83.36
For Ceiling Mount, Add	19.83	
For Quick Clip Mounting Option, Add	29.15	
For Frosted Lens, Add	62.70	
For Warm White Color Rendering, Add	80.71	
For Stanchion Mount, Add	135.26	
For Wall Mount, Add	149.73	
For Polycarbonate Lens, Add	116.20	
For Teflon Coated Lens, Add	133.07	
For 480 Volt, Add	190.09	
For >50 To 100, Deduct	-60.18	
For >100 To 250, Deduct	-116.88	
For >250 To 500, Deduct	-226.81	
For >500, Deduct	-336.74	
26 51 19 00-0526 EA 5,335 Lumens, 43 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM5L).....	2,311.51	89.31
For Ceiling Mount, Add	19.83	
For Quick Clip Mounting Option, Add	29.15	
For Frosted Lens, Add	62.70	
For Warm White Color Rendering, Add	80.71	
For Stanchion Mount, Add	135.26	
For Wall Mount, Add	149.73	
For Polycarbonate Lens, Add	116.20	
For Teflon Coated Lens, Add	133.07	
For 480 Volt, Add	190.09	
For >50 To 100, Deduct	-61.51	
For >100 To 250, Deduct	-119.30	
For >250 To 500, Deduct	-231.15	
For >500, Deduct	-343.01	
26 51 19 00-0527 EA 7,195 Lumens, 62 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM7L).....	2,609.93	95.27
For Ceiling Mount, Add	19.83	
For Quick Clip Mounting Option, Add	29.15	
For Frosted Lens, Add	62.70	
For Warm White Color Rendering, Add	80.71	
For Stanchion Mount, Add	135.26	
For Wall Mount, Add	149.73	
For Polycarbonate Lens, Add	116.20	
For Teflon Coated Lens, Add	133.07	
For 480 Volt, Add	190.09	
For >50 To 100, Deduct	-69.22	
For >100 To 250, Deduct	-134.47	
For >250 To 500, Deduct	-260.99	
For >500, Deduct	-387.52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0528	EA	9,266 Lumens, 85 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM9L).....	3,142.35	101.23
			<i>For Ceiling Mount, Add</i>	19.83	
			<i>For Quick Clip Mounting Option, Add</i>	29.15	
			<i>For Frosted Lens, Add</i>	62.70	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For Stanchion Mount, Add</i>	135.26	
			<i>For Wall Mount, Add</i>	149.73	
			<i>For Polycarbonate Lens, Add</i>	116.20	
			<i>For Teflon Coated Lens, Add</i>	133.07	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For >50 To 100, Deduct</i>	-82.78	
			<i>For >100 To 250, Deduct</i>	-161.34	
			<i>For >250 To 500, Deduct</i>	-314.24	
			<i>For >500, Deduct</i>	-467.13	
26 51	19 00-0529	EA	11,440 Lumens, 113 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	4,009.02	107.17
			<i>For Ceiling Mount, Add</i>	19.83	
			<i>For Quick Clip Mounting Option, Add</i>	29.15	
			<i>For Frosted Lens, Add</i>	62.70	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For Stanchion Mount, Add</i>	135.26	
			<i>For Wall Mount, Add</i>	149.73	
			<i>For Polycarbonate Lens, Add</i>	116.20	
			<i>For Teflon Coated Lens, Add</i>	133.07	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For >50 To 100, Deduct</i>	-104.69	
			<i>For >100 To 250, Deduct</i>	-204.92	
			<i>For >250 To 500, Deduct</i>	-400.90	
			<i>For >500, Deduct</i>	-596.89	
26 51	19 00-0530	EA	13,226 Lumens, 131 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM11L).....	5,277.39	110.15
			<i>For Ceiling Mount, Add</i>	19.83	
			<i>For Quick Clip Mounting Option, Add</i>	29.15	
			<i>For Frosted Lens, Add</i>	62.70	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For Stanchion Mount, Add</i>	135.26	
			<i>For Wall Mount, Add</i>	149.73	
			<i>For Polycarbonate Lens, Add</i>	116.20	
			<i>For Teflon Coated Lens, Add</i>	133.07	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For >50 To 100, Deduct</i>	-136.52	
			<i>For >100 To 250, Deduct</i>	-268.46	
			<i>For >250 To 500, Deduct</i>	-527.74	
			<i>For >500, Deduct</i>	-787.02	
26 51	19 00-0531	EA	18,793 Lumens, 168 Watt, Pendant Mount, Wet Location, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Champ® Pro PVM17L).....	6,113.18	113.13
			<i>For Ceiling Mount, Add</i>	19.83	
			<i>For Quick Clip Mounting Option, Add</i>	29.15	
			<i>For Frosted Lens, Add</i>	62.70	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For Stanchion Mount, Add</i>	135.26	
			<i>For Wall Mount, Add</i>	149.73	
			<i>For Polycarbonate Lens, Add</i>	116.20	
			<i>For Teflon Coated Lens, Add</i>	133.07	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For >50 To 100, Deduct</i>	-157.54	
			<i>For >100 To 250, Deduct</i>	-310.37	
			<i>For >250 To 500, Deduct</i>	-611.32	
			<i>For >500, Deduct</i>	-912.26	
26 51	19 00-0532		Wet Location, NEMA 4X, LED Floodlight (Cooper Champ® Pro PFM) ^(26 51 19 00-0523) Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51	19 00-0533	EA	5,183 Lumens, 45 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM5L).....	2,042.87	89.31
			<i>For Bolt-On Visor, Add</i>	107.94	
			<i>For Bolt-On Wire Guard, Add</i>	222.02	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For >50 To 100, Deduct</i>	-54.79	
			<i>For >100 To 250, Deduct</i>	-105.86	
			<i>For >250 To 500, Deduct</i>	-204.29	
			<i>For >500, Deduct</i>	-302.71	
26 51	19 00-0534	EA	7,095 Lumens, 62 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM7L).....	3,016.97	95.27
			<i>For Bolt-On Visor, Add</i>	107.94	
			<i>For Bolt-On Wire Guard, Add</i>	222.02	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For >50 To 100, Deduct</i>	-79.39	
			<i>For >100 To 250, Deduct</i>	-154.82	
			<i>For >250 To 500, Deduct</i>	-301.70	
			<i>For >500, Deduct</i>	-448.58	

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0535	EA		9,132 Lumens, 79 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM9L).....	3,326.56	101.23
			<i>For Bolt-On Visor, Add</i>	107.94	
			<i>For Bolt-On Wire Guard, Add</i>	222.02	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For >50 To 100, Deduct</i>	-87.38	
			<i>For >100 To 250, Deduct</i>	-170.55	
			<i>For >250 To 500, Deduct</i>	-332.66	
			<i>For >500, Deduct</i>	-494.77	
26 51 19 00-0536	EA		11,107 Lumens, 99 Watt, Yoke Mount, Wet Location, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® Pro PFM11L).....	3,819.77	107.17
			<i>For Bolt-On Visor, Add</i>	107.94	
			<i>For Bolt-On Wire Guard, Add</i>	222.02	
			<i>For 480 Volt, Add</i>	190.09	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For >50 To 100, Deduct</i>	-99.96	
			<i>For >100 To 250, Deduct</i>	-195.45	
			<i>For >250 To 500, Deduct</i>	-381.98	
			<i>For >500, Deduct</i>	-568.50	
26 51 19 00-0537			Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2L) <small>(26 51 19 00-0523)</small>		
			Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 51 19 00-0538	EA		1,400 Lumens, 25 Watt, Pendant Mount, Wet Location, NEMA 4X, Low Bay, LED Fixture (Cooper Vaporgard™ Pro P2LC).....	1,415.62	83.36
			<i>For 12/24 Volt DC Driver, Add</i>	30.68	
			<i>For Frosted Lens, Add</i>	62.70	
			<i>For 55 Degree Ambient Suitability (AC Only), Add</i>	41.77	
			<i>For Warm White Color Rendering, Add</i>	80.71	
			<i>For Ceiling Mount, Add</i>	95.31	
			<i>For Wall Mount, Add</i>	138.23	
			<i>For Teflon Coated Lens, Add</i>	133.07	
			<i>For Wall Mount With Junction Box, Add</i>	200.80	
			<i>For >50 To 100, Deduct</i>	-38.86	
			<i>For >100 To 250, Deduct</i>	-74.25	
			<i>For >250 To 500, Deduct</i>	-141.56	
			<i>For >500, Deduct</i>	-208.87	
26 51 19 00-0539			Vaportight, LED Fixtures <small>(26 51 19 00-0522)</small>		
26 51 19 00-0540			General Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0539)</small>		
26 51 19 00-0541	EA		2', 2,000 Lumens, 16 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-G-UNV-L850-CD1-U).....	333.84	47.64
			<i>For >50 To 100, Deduct</i>	-10.33	
			<i>For >100 To 250, Deduct</i>	-18.68	
			<i>For >250 To 500, Deduct</i>	-33.38	
			<i>For >500, Deduct</i>	-48.09	
26 51 19 00-0542	EA		2', 3,000 Lumens, 24 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-G-UNV-L850-CD1-U).....	349.18	47.64
			<i>For >50 To 100, Deduct</i>	-10.71	
			<i>For >100 To 250, Deduct</i>	-19.44	
			<i>For >250 To 500, Deduct</i>	-34.92	
			<i>For >500, Deduct</i>	-50.39	
26 51 19 00-0543	EA		2', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-G-UNV-L850-CD1-U).....	379.89	47.64
			<i>For >50 To 100, Deduct</i>	-11.48	
			<i>For >100 To 250, Deduct</i>	-20.98	
			<i>For >250 To 500, Deduct</i>	-37.99	
			<i>For >500, Deduct</i>	-55.00	
26 51 19 00-0544	EA		4', 4,000 Lumens, 32 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-G-UNV-L850-CD1-U).....	332.56	59.54
			<i>For >50 To 100, Deduct</i>	-10.80	
			<i>For >100 To 250, Deduct</i>	-19.11	
			<i>For >250 To 500, Deduct</i>	-33.26	
			<i>For >500, Deduct</i>	-47.40	
26 51 19 00-0545	EA		4', 6,000 Lumens, 51 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-G-UNV-L850-CD1-U).....	376.60	59.54
			<i>For >50 To 100, Deduct</i>	-11.90	
			<i>For >100 To 250, Deduct</i>	-21.31	
			<i>For >250 To 500, Deduct</i>	-37.66	
			<i>For >500, Deduct</i>	-54.01	
26 51 19 00-0546	EA		4', 8,000 Lumens, 67 Watt, 120-277 Volt, Dimming, General Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-G-UNV-L850-CD1-U).....	537.92	59.54
			<i>For >50 To 100, Deduct</i>	-15.93	
			<i>For >100 To 250, Deduct</i>	-29.38	
			<i>For >250 To 500, Deduct</i>	-53.79	
			<i>For >500, Deduct</i>	-78.21	
26 51 19 00-0547			Wide Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0539)</small>		

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0548	EA	2'	2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-W-UNV-L850-CD1-U)	364.54	47.64
			For >50 To 100, Deduct	-11.10	
			For >100 To 250, Deduct	-20.21	
			For >250 To 500, Deduct	-36.45	
			For >500, Deduct	-52.70	
26 51 19 00-0549	EA	2'	3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-W-UNV-L850-CD1-U)	379.89	47.64
			For >50 To 100, Deduct	-11.48	
			For >100 To 250, Deduct	-20.98	
			For >250 To 500, Deduct	-37.99	
			For >500, Deduct	-55.00	
26 51 19 00-0550	EA	2'	4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-W-UNV-L850-CD1-U)	410.60	47.64
			For >50 To 100, Deduct	-12.25	
			For >100 To 250, Deduct	-22.51	
			For >250 To 500, Deduct	-41.06	
			For >500, Deduct	-59.61	
26 51 19 00-0551	EA	4'	4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-W-UNV-L850-CD1-U)	476.51	59.54
			For >50 To 100, Deduct	-14.39	
			For >100 To 250, Deduct	-26.31	
			For >250 To 500, Deduct	-47.65	
			For >500, Deduct	-69.00	
26 51 19 00-0552	EA	4'	6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-W-UNV-L850-CD1-U)	537.92	59.54
			For >50 To 100, Deduct	-15.93	
			For >100 To 250, Deduct	-29.38	
			For >250 To 500, Deduct	-53.79	
			For >500, Deduct	-78.21	
26 51 19 00-0553	EA	4'	8,000 Lumens, 70 Watt, 120-277 Volt, Dimming, Wide Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-W-UNV-L850-CD1-U)	599.33	59.54
			For >50 To 100, Deduct	-17.46	
			For >100 To 250, Deduct	-32.45	
			For >250 To 500, Deduct	-59.93	
			For >500, Deduct	-87.42	
26 51 19 00-0554			Parking Garage Distribution, Vaportight, LED Fixtures (Metalux) <small>(26 51 19 00-0539)</small>		
26 51 19 00-0555	EA	2'	2,000 Lumens, 17 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-2-P-UNV-L850-CD1-U)	364.54	47.64
			For >50 To 100, Deduct	-11.10	
			For >100 To 250, Deduct	-20.21	
			For >250 To 500, Deduct	-36.45	
			For >500, Deduct	-52.70	
26 51 19 00-0556	EA	2'	3,000 Lumens, 25 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-3-P-UNV-L850-CD1-U)	381.06	47.64
			For >50 To 100, Deduct	-11.51	
			For >100 To 250, Deduct	-21.04	
			For >250 To 500, Deduct	-38.11	
			For >500, Deduct	-55.17	
26 51 19 00-0557	EA	2'	4,000 Lumens, 34 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 2VT3-LD5-4-P-UNV-L850-CD1-U)	410.60	47.64
			For >50 To 100, Deduct	-12.25	
			For >100 To 250, Deduct	-22.51	
			For >250 To 500, Deduct	-41.06	
			For >500, Deduct	-59.61	
26 51 19 00-0558	EA	4'	4,000 Lumens, 31 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-4-P-UNV-L850-CD1-U)	476.51	59.54
			For >50 To 100, Deduct	-14.39	
			For >100 To 250, Deduct	-26.31	
			For >250 To 500, Deduct	-47.65	
			For >500, Deduct	-69.00	
26 51 19 00-0559	EA	4'	6,000 Lumens, 49 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-6-P-UNV-L850-CD1-U)	537.92	59.54
			For >50 To 100, Deduct	-15.93	
			For >100 To 250, Deduct	-29.38	
			For >250 To 500, Deduct	-53.79	
			For >500, Deduct	-78.21	
26 51 19 00-0560	EA	4'	8,000 Lumens, 69 Watt, 120-277 Volt, Dimming, Parking Garage Distribution, Vaportight Industrial LED Fixture (Metalux 4VT3-LD5-8-P-UNV-L850-CD1-U)	599.33	59.54
			For >50 To 100, Deduct	-17.46	
			For >100 To 250, Deduct	-32.45	
			For >250 To 500, Deduct	-59.93	
			For >500, Deduct	-87.42	
26 51 19 00-0561			Ceiling Mounted LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0562			Ceiling Mounted, LED Drum Fixtures (Enertron) <small>(26 51 19 00-0561)</small>		
26 51 19 00-0563	EA	11"	Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X611-30)	117.23	39.69
			For >50 To 100, Deduct	-4.42	
			For >100 To 250, Deduct	-7.35	
			For >250 To 500, Deduct	-11.72	
			For >500, Deduct	-16.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0564 EA 11" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X611-30)	122.95	39.69
<i>For >50 To 100, Deduct</i>	-4.56	
<i>For >100 To 250, Deduct</i>	-7.64	
<i>For >250 To 500, Deduct</i>	-12.30	
<i>For >500, Deduct</i>	-16.95	
26 51 19 00-0565 EA 11" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X611-30)	128.68	39.69
<i>For >50 To 100, Deduct</i>	-4.71	
<i>For >100 To 250, Deduct</i>	-7.92	
<i>For >250 To 500, Deduct</i>	-12.87	
<i>For >500, Deduct</i>	-17.81	
26 51 19 00-0566 EA 11" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X611-30)	134.41	39.69
<i>For >50 To 100, Deduct</i>	-4.85	
<i>For >100 To 250, Deduct</i>	-8.21	
<i>For >250 To 500, Deduct</i>	-13.44	
<i>For >500, Deduct</i>	-18.67	
26 51 19 00-0567 EA 14" Diameter, 530 Lumens, 7 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X614-30)	129.12	43.66
<i>For >50 To 100, Deduct</i>	-4.87	
<i>For >100 To 250, Deduct</i>	-8.09	
<i>For >250 To 500, Deduct</i>	-12.91	
<i>For >500, Deduct</i>	-17.73	
26 51 19 00-0568 EA 14" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X614-30)	134.85	43.66
<i>For >50 To 100, Deduct</i>	-5.01	
<i>For >100 To 250, Deduct</i>	-8.38	
<i>For >250 To 500, Deduct</i>	-13.49	
<i>For >500, Deduct</i>	-18.59	
26 51 19 00-0569 EA 14" Diameter, 1,590 Lumens, 14 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X614-30)	140.58	43.66
<i>For >50 To 100, Deduct</i>	-5.15	
<i>For >100 To 250, Deduct</i>	-8.67	
<i>For >250 To 500, Deduct</i>	-14.06	
<i>For >500, Deduct</i>	-19.45	
26 51 19 00-0570 EA 14" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X614-30)	146.30	43.66
<i>For >50 To 100, Deduct</i>	-5.30	
<i>For >100 To 250, Deduct</i>	-8.95	
<i>For >250 To 500, Deduct</i>	-14.63	
<i>For >500, Deduct</i>	-20.31	
26 51 19 00-0571 EA 14" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	157.76	43.66
<i>For >50 To 100, Deduct</i>	-5.58	
<i>For >100 To 250, Deduct</i>	-9.53	
<i>For >250 To 500, Deduct</i>	-15.78	
<i>For >500, Deduct</i>	-22.03	
26 51 19 00-0572 EA 11" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X611-35)	117.23	39.69
<i>For >50 To 100, Deduct</i>	-4.42	
<i>For >100 To 250, Deduct</i>	-7.35	
<i>For >250 To 500, Deduct</i>	-11.72	
<i>For >500, Deduct</i>	-16.10	
26 51 19 00-0573 EA 11" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X611-35)	122.95	39.69
<i>For >50 To 100, Deduct</i>	-4.56	
<i>For >100 To 250, Deduct</i>	-7.64	
<i>For >250 To 500, Deduct</i>	-12.30	
<i>For >500, Deduct</i>	-16.95	
26 51 19 00-0574 EA 11" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X611-35)	128.68	39.69
<i>For >50 To 100, Deduct</i>	-4.71	
<i>For >100 To 250, Deduct</i>	-7.92	
<i>For >250 To 500, Deduct</i>	-12.87	
<i>For >500, Deduct</i>	-17.81	
26 51 19 00-0575 EA 11" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X611-35)	134.41	39.69
<i>For >50 To 100, Deduct</i>	-4.85	
<i>For >100 To 250, Deduct</i>	-8.21	
<i>For >250 To 500, Deduct</i>	-13.44	
<i>For >500, Deduct</i>	-18.67	
26 51 19 00-0576 EA 14" Diameter, 530 Lumens, 7 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X614-35)	129.12	43.66
<i>For >50 To 100, Deduct</i>	-4.87	
<i>For >100 To 250, Deduct</i>	-8.09	
<i>For >250 To 500, Deduct</i>	-12.91	
<i>For >500, Deduct</i>	-17.73	
26 51 19 00-0577 EA 14" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X614-35)	134.85	43.66
<i>For >50 To 100, Deduct</i>	-5.01	
<i>For >100 To 250, Deduct</i>	-8.38	
<i>For >250 To 500, Deduct</i>	-13.49	
<i>For >500, Deduct</i>	-18.59	
26 51 19 00-0578 EA 14" Diameter, 1,590 Lumens, 14 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED3X614-35)	140.58	43.66
<i>For >50 To 100, Deduct</i>	-5.15	
<i>For >100 To 250, Deduct</i>	-8.67	
<i>For >250 To 500, Deduct</i>	-14.06	
<i>For >500, Deduct</i>	-19.45	
26 51 19 00-0579 EA 14" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X614-35)	146.30	43.66
<i>For >50 To 100, Deduct</i>	-5.30	
<i>For >100 To 250, Deduct</i>	-8.95	
<i>For >250 To 500, Deduct</i>	-14.63	
<i>For >500, Deduct</i>	-20.31	
26 51 19 00-0580 EA 14" Diameter, 3,180 Lumens, 24 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED6X614-30)	157.76	43.66
<i>For >50 To 100, Deduct</i>	-5.58	
<i>For >100 To 250, Deduct</i>	-9.53	
<i>For >250 To 500, Deduct</i>	-15.78	
<i>For >500, Deduct</i>	-22.03	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0581	EA	11" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X611-40)	117.23	39.69
			<i>For >50 To 100, Deduct</i>	-4.42	
			<i>For >100 To 250, Deduct</i>	-7.35	
			<i>For >250 To 500, Deduct</i>	-11.72	
			<i>For >500, Deduct</i>	-16.10	
26 51	19 00-0582	EA	11" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X611-40)	122.95	39.69
			<i>For >50 To 100, Deduct</i>	-4.56	
			<i>For >100 To 250, Deduct</i>	-7.64	
			<i>For >250 To 500, Deduct</i>	-12.30	
			<i>For >500, Deduct</i>	-16.95	
26 51	19 00-0583	EA	11" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X611-40)	128.68	39.69
			<i>For >50 To 100, Deduct</i>	-4.71	
			<i>For >100 To 250, Deduct</i>	-7.92	
			<i>For >250 To 500, Deduct</i>	-12.87	
			<i>For >500, Deduct</i>	-17.81	
26 51	19 00-0584	EA	11" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X611-40)	134.41	39.69
			<i>For >50 To 100, Deduct</i>	-4.85	
			<i>For >100 To 250, Deduct</i>	-8.21	
			<i>For >250 To 500, Deduct</i>	-13.44	
			<i>For >500, Deduct</i>	-18.67	
26 51	19 00-0585	EA	14" Diameter, 550 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	129.12	43.66
			<i>For >50 To 100, Deduct</i>	-4.87	
			<i>For >100 To 250, Deduct</i>	-8.09	
			<i>For >250 To 500, Deduct</i>	-12.91	
			<i>For >500, Deduct</i>	-17.73	
26 51	19 00-0586	EA	14" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	134.85	43.66
			<i>For >50 To 100, Deduct</i>	-5.01	
			<i>For >100 To 250, Deduct</i>	-8.38	
			<i>For >250 To 500, Deduct</i>	-13.49	
			<i>For >500, Deduct</i>	-18.59	
26 51	19 00-0587	EA	14" Diameter, 1,650 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	140.58	43.66
			<i>For >50 To 100, Deduct</i>	-5.15	
			<i>For >100 To 250, Deduct</i>	-8.67	
			<i>For >250 To 500, Deduct</i>	-14.06	
			<i>For >500, Deduct</i>	-19.45	
26 51	19 00-0588	EA	14" Diameter, 2,200 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	146.30	43.66
			<i>For >50 To 100, Deduct</i>	-5.30	
			<i>For >100 To 250, Deduct</i>	-8.95	
			<i>For >250 To 500, Deduct</i>	-14.63	
			<i>For >500, Deduct</i>	-20.31	
26 51	19 00-0589	EA	14" Diameter, 3,300 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	157.76	43.66
			<i>For >50 To 100, Deduct</i>	-5.58	
			<i>For >100 To 250, Deduct</i>	-9.53	
			<i>For >250 To 500, Deduct</i>	-15.78	
			<i>For >500, Deduct</i>	-22.03	
26 51	19 00-0590	EA	11" Diameter, 560 Lumens, 7 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED1X611-50)	117.23	39.69
			<i>For >50 To 100, Deduct</i>	-4.42	
			<i>For >100 To 250, Deduct</i>	-7.35	
			<i>For >250 To 500, Deduct</i>	-11.72	
			<i>For >500, Deduct</i>	-16.10	
26 51	19 00-0591	EA	11" Diameter, 1,120 Lumens, 10 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED2X611-50)	122.95	39.69
			<i>For >50 To 100, Deduct</i>	-4.56	
			<i>For >100 To 250, Deduct</i>	-7.64	
			<i>For >250 To 500, Deduct</i>	-12.30	
			<i>For >500, Deduct</i>	-16.95	
26 51	19 00-0592	EA	11" Diameter, 1,680 Lumens, 14 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED3X611-50)	128.68	39.69
			<i>For >50 To 100, Deduct</i>	-4.71	
			<i>For >100 To 250, Deduct</i>	-7.92	
			<i>For >250 To 500, Deduct</i>	-12.87	
			<i>For >500, Deduct</i>	-17.81	
26 51	19 00-0593	EA	11" Diameter, 2,240 Lumens, 17 Watt, 5000K CCT, LED Drum Fixture (Enertron 10LED4X611-50)	134.41	39.69
			<i>For >50 To 100, Deduct</i>	-4.85	
			<i>For >100 To 250, Deduct</i>	-8.21	
			<i>For >250 To 500, Deduct</i>	-13.44	
			<i>For >500, Deduct</i>	-18.67	
26 51	19 00-0594	EA	14" Diameter, 560 Lumens, 7 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X614-40)	129.12	43.66
			<i>For >50 To 100, Deduct</i>	-4.87	
			<i>For >100 To 250, Deduct</i>	-8.09	
			<i>For >250 To 500, Deduct</i>	-12.91	
			<i>For >500, Deduct</i>	-17.73	
26 51	19 00-0595	EA	14" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X614-40)	134.85	43.66
			<i>For >50 To 100, Deduct</i>	-5.01	
			<i>For >100 To 250, Deduct</i>	-8.38	
			<i>For >250 To 500, Deduct</i>	-13.49	
			<i>For >500, Deduct</i>	-18.59	
26 51	19 00-0596	EA	14" Diameter, 1,680 Lumens, 14 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED3X614-40)	140.58	43.66
			<i>For >50 To 100, Deduct</i>	-5.15	
			<i>For >100 To 250, Deduct</i>	-8.67	
			<i>For >250 To 500, Deduct</i>	-14.06	
			<i>For >500, Deduct</i>	-19.45	
26 51	19 00-0597	EA	14" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X614-40)	146.30	43.66
			<i>For >50 To 100, Deduct</i>	-5.30	
			<i>For >100 To 250, Deduct</i>	-8.95	
			<i>For >250 To 500, Deduct</i>	-14.63	
			<i>For >500, Deduct</i>	-20.31	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0598	EA		14" Diameter, 3,360 Lumens, 24 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED6X614-40)	157.76	43.66
			<i>For >50 To 100, Deduct</i>	-5.58	
			<i>For >100 To 250, Deduct</i>	-9.53	
			<i>For >250 To 500, Deduct</i>	-15.78	
			<i>For >500, Deduct</i>	-22.03	
26 51 19 00-0599	EA		19" Diameter, 1,060 Lumens, 10 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-30).....	162.61	47.13
			<i>For >50 To 100, Deduct</i>	-5.85	
			<i>For >100 To 250, Deduct</i>	-9.92	
			<i>For >250 To 500, Deduct</i>	-16.26	
			<i>For >500, Deduct</i>	-22.61	
26 51 19 00-0600	EA		19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X619-30)	175.63	47.13
			<i>For >50 To 100, Deduct</i>	-6.18	
			<i>For >100 To 250, Deduct</i>	-10.57	
			<i>For >250 To 500, Deduct</i>	-17.56	
			<i>For >500, Deduct</i>	-24.56	
26 51 19 00-0601	EA		19" Diameter, 2,120 Lumens, 17 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-30).....	172.45	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.25	
			<i>For >500, Deduct</i>	-24.08	
26 51 19 00-0602	EA		19" Diameter, 1,910 Lumens, 18 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-30).....	172.40	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.24	
			<i>For >500, Deduct</i>	-24.07	
26 51 19 00-0603	EA		19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	187.08	47.13
			<i>For >50 To 100, Deduct</i>	-6.46	
			<i>For >100 To 250, Deduct</i>	-11.14	
			<i>For >250 To 500, Deduct</i>	-18.71	
			<i>For >500, Deduct</i>	-26.28	
26 51 19 00-0604	EA		19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.34	47.13
			<i>For >50 To 100, Deduct</i>	-6.34	
			<i>For >100 To 250, Deduct</i>	-10.90	
			<i>For >250 To 500, Deduct</i>	-18.23	
			<i>For >500, Deduct</i>	-25.56	
26 51 19 00-0605	EA		19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	202.18	47.13
			<i>For >50 To 100, Deduct</i>	-6.84	
			<i>For >100 To 250, Deduct</i>	-11.90	
			<i>For >250 To 500, Deduct</i>	-20.22	
			<i>For >500, Deduct</i>	-28.54	
26 51 19 00-0606	EA		19" Diameter, 3,820 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-30).....	195.72	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.57	
			<i>For >250 To 500, Deduct</i>	-19.57	
			<i>For >500, Deduct</i>	-27.57	
26 51 19 00-0607	EA		19" Diameter, 4,240 Lumens, 32 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-30).....	195.78	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.58	
			<i>For >250 To 500, Deduct</i>	-19.58	
			<i>For >500, Deduct</i>	-27.58	
26 51 19 00-0608	EA		19" Diameter, 1,060 Lumens, 10 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12S19-35).....	162.61	47.13
			<i>For >50 To 100, Deduct</i>	-5.85	
			<i>For >100 To 250, Deduct</i>	-9.92	
			<i>For >250 To 500, Deduct</i>	-16.26	
			<i>For >500, Deduct</i>	-22.61	
26 51 19 00-0609	EA		19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X619-35)	175.63	47.13
			<i>For >50 To 100, Deduct</i>	-6.18	
			<i>For >100 To 250, Deduct</i>	-10.57	
			<i>For >250 To 500, Deduct</i>	-17.56	
			<i>For >500, Deduct</i>	-24.56	
26 51 19 00-0610	EA		19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	172.45	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.25	
			<i>For >500, Deduct</i>	-24.08	
26 51 19 00-0611	EA		19" Diameter, 1,910 Lumens, 18 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED1X12H19-35).....	172.40	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.24	
			<i>For >500, Deduct</i>	-24.07	
26 51 19 00-0612	EA		19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30)	187.08	47.13
			<i>For >50 To 100, Deduct</i>	-6.46	
			<i>For >100 To 250, Deduct</i>	-11.14	
			<i>For >250 To 500, Deduct</i>	-18.71	
			<i>For >500, Deduct</i>	-26.28	
26 51 19 00-0613	EA		19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.34	47.13
			<i>For >50 To 100, Deduct</i>	-6.34	
			<i>For >100 To 250, Deduct</i>	-10.90	
			<i>For >250 To 500, Deduct</i>	-18.23	
			<i>For >500, Deduct</i>	-25.56	
26 51 19 00-0614	EA		19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	202.18	47.13
			<i>For >50 To 100, Deduct</i>	-6.84	
			<i>For >100 To 250, Deduct</i>	-11.90	
			<i>For >250 To 500, Deduct</i>	-20.22	
			<i>For >500, Deduct</i>	-28.54	

26 Electrical

26 50 Lighting

26 51 Interior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0615	EA	19" Diameter, 3,820 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12H19-35).....	195.72	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.57	
			<i>For >250 To 500, Deduct</i>	-19.57	
			<i>For >500, Deduct</i>	-27.57	
26 51	19 00-0616	EA	19" Diameter, 4,240 Lumens, 32 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED4X12S19-35).....	195.78	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.58	
			<i>For >250 To 500, Deduct</i>	-19.58	
			<i>For >500, Deduct</i>	-27.58	
26 51	19 00-0617	EA	19" Diameter, 1,100 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-40).....	162.61	47.13
			<i>For >50 To 100, Deduct</i>	-5.85	
			<i>For >100 To 250, Deduct</i>	-9.92	
			<i>For >250 To 500, Deduct</i>	-16.26	
			<i>For >500, Deduct</i>	-22.61	
26 51	19 00-0618	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	172.63	47.13
			<i>For >50 To 100, Deduct</i>	-6.18	
			<i>For >100 To 250, Deduct</i>	-10.57	
			<i>For >250 To 500, Deduct</i>	-17.56	
			<i>For >500, Deduct</i>	-24.56	
26 51	19 00-0619	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	172.45	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.25	
			<i>For >500, Deduct</i>	-24.08	
26 51	19 00-0620	EA	19" Diameter, 2,000 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-40).....	172.40	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.24	
			<i>For >500, Deduct</i>	-24.07	
26 51	19 00-0621	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30).....	187.08	47.13
			<i>For >50 To 100, Deduct</i>	-6.46	
			<i>For >100 To 250, Deduct</i>	-11.14	
			<i>For >250 To 500, Deduct</i>	-18.71	
			<i>For >500, Deduct</i>	-26.28	
26 51	19 00-0622	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.34	47.13
			<i>For >50 To 100, Deduct</i>	-6.34	
			<i>For >100 To 250, Deduct</i>	-10.90	
			<i>For >250 To 500, Deduct</i>	-18.23	
			<i>For >500, Deduct</i>	-25.56	
26 51	19 00-0623	EA	19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30).....	202.18	47.13
			<i>For >50 To 100, Deduct</i>	-6.84	
			<i>For >100 To 250, Deduct</i>	-11.90	
			<i>For >250 To 500, Deduct</i>	-20.22	
			<i>For >500, Deduct</i>	-28.54	
26 51	19 00-0624	EA	19" Diameter, 4,000 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-40).....	195.72	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.57	
			<i>For >250 To 500, Deduct</i>	-19.57	
			<i>For >500, Deduct</i>	-27.57	
26 51	19 00-0625	EA	19" Diameter, 4,400 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-40).....	195.78	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.58	
			<i>For >250 To 500, Deduct</i>	-19.58	
			<i>For >500, Deduct</i>	-27.58	
26 51	19 00-0626	EA	19" Diameter, 1,120 Lumens, 10 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12S19-50).....	162.61	47.13
			<i>For >50 To 100, Deduct</i>	-5.85	
			<i>For >100 To 250, Deduct</i>	-9.92	
			<i>For >250 To 500, Deduct</i>	-16.26	
			<i>For >500, Deduct</i>	-22.61	
26 51	19 00-0627	EA	19" Diameter, 2,120 Lumens, 17 Watt, 3500K CCT, LED Drum Fixture (Enertron 10LED2X12S19-35).....	175.63	47.13
			<i>For >50 To 100, Deduct</i>	-6.18	
			<i>For >100 To 250, Deduct</i>	-10.57	
			<i>For >250 To 500, Deduct</i>	-17.56	
			<i>For >500, Deduct</i>	-24.56	
26 51	19 00-0628	EA	19" Diameter, 2,240 Lumens, 17 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12S19-50).....	172.45	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.25	
			<i>For >500, Deduct</i>	-24.08	
26 51	19 00-0629	EA	19" Diameter, 2,010 Lumens, 18 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED1X12H19-50).....	172.40	47.13
			<i>For >50 To 100, Deduct</i>	-6.10	
			<i>For >100 To 250, Deduct</i>	-10.41	
			<i>For >250 To 500, Deduct</i>	-17.24	
			<i>For >500, Deduct</i>	-24.07	
26 51	19 00-0630	EA	19" Diameter, 3,180 Lumens, 24 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED6X619-30).....	187.08	47.13
			<i>For >50 To 100, Deduct</i>	-6.46	
			<i>For >100 To 250, Deduct</i>	-11.14	
			<i>For >250 To 500, Deduct</i>	-18.71	
			<i>For >500, Deduct</i>	-26.28	
26 51	19 00-0631	EA	19" Diameter, 3,160 Lumens, 25 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED3X12S19-30).....	182.34	47.13
			<i>For >50 To 100, Deduct</i>	-6.34	
			<i>For >100 To 250, Deduct</i>	-10.90	
			<i>For >250 To 500, Deduct</i>	-18.23	
			<i>For >500, Deduct</i>	-25.56	

Electrical	26	26
Lighting	26 50	
Interior Lighting	26 51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 19 00-0632	EA		19" Diameter, 4,240 Lumens, 31 Watt, 3000K CCT, LED Drum Fixture (Enertron 10LED8X619-30)	202.18	47.13
			<i>For >50 To 100, Deduct</i>	-6.84	
			<i>For >100 To 250, Deduct</i>	-11.90	
			<i>For >250 To 500, Deduct</i>	-20.22	
			<i>For >500, Deduct</i>	-28.54	
26 51 19 00-0633	EA		19" Diameter, 4,020 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED2X12H19-50).....	195.72	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.57	
			<i>For >250 To 500, Deduct</i>	-19.57	
			<i>For >500, Deduct</i>	-27.57	
26 51 19 00-0634	EA		19" Diameter, 4,480 Lumens, 32 Watt, 4000K CCT, LED Drum Fixture (Enertron 10LED4X12S19-50).....	195.78	47.13
			<i>For >50 To 100, Deduct</i>	-6.68	
			<i>For >100 To 250, Deduct</i>	-11.58	
			<i>For >250 To 500, Deduct</i>	-19.58	
			<i>For >500, Deduct</i>	-27.58	
26 51 19 00-0635			Ceiling Mounted, LED Mushroom Fixtures (Mobern) <small>(26 51 19 00-0561)</small>		
26 51 19 00-0636	EA		14" Diameter, 800 Lumens, 12 Watt, LED Ceiling Fixture (Mobern 6814LED12MV30)	178.91	43.66
			<i>For >50 To 100, Deduct</i>	-6.11	
			<i>For >100 To 250, Deduct</i>	-10.58	
			<i>For >250 To 500, Deduct</i>	-17.89	
			<i>For >500, Deduct</i>	-25.20	
26 51 19 00-0637			Ceiling Mounted, LED Fixtures (Sylvania) <small>(26 51 19 00-0561)</small>		
26 51 19 00-0638	EA		12.5" x 12.5" x 2.32" Deep, 4,200 Lumens, 35 Watt, LED Garage Light Fixture (Sylvania GARAG1/035UNVD740/G5/SV/D)	682.82	47.13
			<i>For >50 To 100, Deduct</i>	-18.86	
			<i>For >100 To 250, Deduct</i>	-35.93	
			<i>For >250 To 500, Deduct</i>	-68.28	
			<i>For >500, Deduct</i>	-100.64	
26 51 19 00-0639	EA		2' x 2', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/22G/WH + SMK1A/24A/WH)	259.63	39.69
			<i>For >50 To 100, Deduct</i>	-7.98	
			<i>For >100 To 250, Deduct</i>	-14.47	
			<i>For >250 To 500, Deduct</i>	-25.96	
			<i>For >500, Deduct</i>	-37.46	
26 51 19 00-0640	EA		2' x 4', 32 Watt, 120-277 Volt, 3500K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD835/24G/WH + SMK1A/24A/WH).....	323.66	46.24
			<i>For >50 To 100, Deduct</i>	-9.83	
			<i>For >100 To 250, Deduct</i>	-17.92	
			<i>For >250 To 500, Deduct</i>	-32.37	
			<i>For >500, Deduct</i>	-46.81	
26 51 19 00-0641	EA		2' x 4', 32 Watt, 120-277 Volt, 4000K CCT, LED, Grid Mount Edge-Lit Panel With Surface Mount Kit, White (Sylvania PANELF1A/032UNVD840/24G/WH + SMK1A/24A/WH).....	327.54	46.24
			<i>For >50 To 100, Deduct</i>	-9.93	
			<i>For >100 To 250, Deduct</i>	-18.11	
			<i>For >250 To 500, Deduct</i>	-32.75	
			<i>For >500, Deduct</i>	-47.39	
26 51 19 00-0642			Refrigeration/Display LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0643			Refrigeration/Display LED Fixtures (Lithonia) <small>(26 51 19 00-0642)</small>		
			Note: Fixtures exclude driver.		
26 51 19 00-0644	EA		5' Length, Center Mount, Refrigeration/Display, Vertical LED Fixture (Lithonia FSV5 CM)	270.34	46.24
			<i>For >50 To 100, Deduct</i>	-8.50	
			<i>For >100 To 250, Deduct</i>	-15.25	
			<i>For >250 To 500, Deduct</i>	-27.03	
			<i>For >500, Deduct</i>	-38.81	
26 51 19 00-0645	EA		5' Length, Left And Right Mount (Pair), Refrigeration/Display, Vertical LED Fixture (Lithonia FSVDRVL RLEM DLC)	350.59	81.87
			<i>For >50 To 100, Deduct</i>	-11.87	
			<i>For >100 To 250, Deduct</i>	-20.63	
			<i>For >250 To 500, Deduct</i>	-35.06	
			<i>For >500, Deduct</i>	-49.49	
26 51 19 00-0646	EA		Up To 5 Door Configuration, LED Driver For Refrigeration/Display, Vertical LED Fixtures (Lithonia FSVDRVL)	322.35	65.50
			<i>For >50 To 100, Deduct</i>	-10.54	
			<i>For >100 To 250, Deduct</i>	-18.60	
			<i>For >250 To 500, Deduct</i>	-32.24	
			<i>For >500, Deduct</i>	-45.87	
26 51 19 00-0647			Recessed T-Bar LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51 19 00-0648			Recessed T-Bar LED Fixtures (Axis) <small>(26 51 19 00-0647)</small>		
26 51 19 00-0649	EA		2' x 4' Recessed, T-Bar LED Light Fixture (Axis AULED-24-4500-80-40-SO-W-UNV-DP-1-TB15-EN).....	703.09	51.06
26 51 19 00-0650	EA		2' x 2' Recessed, T-Bar LED Light Fixture (Axis AULED-22-4500-80-40-SO-W-UNV-DP-1-TB15-EN).....	557.17	43.45
26 51 19 00-0651	EA		Single Face, Edge-Lit LED Exit Light With Battery (Lithonia LRP-W-1-RW-120/277-ELN)	318.32	51.06
26 51 19 00-0652	EA		7' SU-3E Sensor Cable (LumaWatt Pro LWP-CBL-3-7F)	42.58	4.34
26 51 19 00-0653	EA		50' SU-3E Sensor Cable (LumaWatt Pro LWP-CBL-3-50F)	207.85	5.43
26 51 19 00-0654	EA		Control Unit (LumaWatt Pro LWP-CU-3E-1R)	211.57	27.16
			Note: Interface with sensors to a ballast or driver		
26 51 19 00-0655	EA		Gateway (LumaWatt Pro LWP-GW-2-01).....	282.59	27.16
			Note: Intermediary device between the energy manager and the control network		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	19 00-0656	EA	Compact Sensor, Flush Mount (LumaWatt Pro LWP-SU-4E-01).....	191.06	21.72
26 51	19 00-0657	EA	Wireless Wall Station (LumaWatt Pro LWP-WS-2-00).....	289.79	32.59
26 51	19 00-0658		Pendant Mount, LED Fixtures <small>(26 51 19 00-0001)</small>		
26 51	19 00-0659		Pendant Mount, Circular Architectural LED Fixtures (Delray Lighting) <small>(26 51 19 00-0658)</small>		
26 51	19 00-0660	EA	2,166 Lumens, 2' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 W W35 S).....	2,522.55	101.23
			<i>For >50 To 100, Deduct</i>	-67.28	
			<i>For >100 To 250, Deduct</i>	-130.35	
			<i>For >250 To 500, Deduct</i>	-252.26	
			<i>For >500, Deduct</i>	-374.16	
26 51	19 00-0661	EA	3,250 Lumens, 3' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 W W35 S).....	3,819.36	107.17
			<i>For >50 To 100, Deduct</i>	-99.95	
			<i>For >100 To 250, Deduct</i>	-195.43	
			<i>For >250 To 500, Deduct</i>	-381.94	
			<i>For >500, Deduct</i>	-568.44	
26 51	19 00-0662	EA	4,333 Lumens, 4' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 W W35 S).....	4,882.72	113.13
			<i>For >50 To 100, Deduct</i>	-126.78	
			<i>For >100 To 250, Deduct</i>	-248.85	
			<i>For >250 To 500, Deduct</i>	-488.27	
			<i>For >500, Deduct</i>	-727.69	
26 51	19 00-0663	EA	5,416 Lumens, 5' Diameter, White Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 W W35 S).....	6,179.53	119.09
			<i>For >50 To 100, Deduct</i>	-159.45	
			<i>For >100 To 250, Deduct</i>	-313.94	
			<i>For >250 To 500, Deduct</i>	-617.95	
			<i>For >500, Deduct</i>	-921.97	
26 51	19 00-0664	EA	2,166 Lumens, 2' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC2 S W35 S).....	2,676.90	101.23
			<i>For >50 To 100, Deduct</i>	-71.14	
			<i>For >100 To 250, Deduct</i>	-138.06	
			<i>For >250 To 500, Deduct</i>	-267.69	
			<i>For >500, Deduct</i>	-397.32	
26 51	19 00-0665	EA	3,250 Lumens, 3' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC3 S W35 S).....	4,023.87	107.17
			<i>For >50 To 100, Deduct</i>	-105.06	
			<i>For >100 To 250, Deduct</i>	-205.66	
			<i>For >250 To 500, Deduct</i>	-402.39	
			<i>For >500, Deduct</i>	-599.11	
26 51	19 00-0666	EA	4,333 Lumens, 4' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC4 S W35 S).....	5,089.16	113.13
			<i>For >50 To 100, Deduct</i>	-131.94	
			<i>For >100 To 250, Deduct</i>	-259.17	
			<i>For >250 To 500, Deduct</i>	-508.92	
			<i>For >500, Deduct</i>	-758.66	
26 51	19 00-0667	EA	5,416 Lumens, 5' Diameter, Silver Finish, Pendant Mount, Circular Architectural LED Fixture (Delray Lighting UC5 S W35 S).....	6,411.06	119.09
			<i>For >50 To 100, Deduct</i>	-165.24	
			<i>For >100 To 250, Deduct</i>	-325.51	
			<i>For >250 To 500, Deduct</i>	-641.11	
			<i>For >500, Deduct</i>	-956.70	
26 51	19 00-0668		Pendant Mount, LED Commercial Fixtures (DMF) <small>(26 51 19 00-0658)</small>		
26 51	19 00-0669	EA	3,000 Lumens, 18-1/4" Diameter, Pendant Mount, LED Commercial Fixture (DMF DP610LED).....	973.25	59.54
			<i>For >50 To 100, Deduct</i>	-26.81	
			<i>For >100 To 250, Deduct</i>	-51.14	
			<i>For >250 To 500, Deduct</i>	-97.33	
			<i>For >500, Deduct</i>	-143.51	
26 51	19 00-0670		LED Track Lighting Fixtures <small>(26 51 19)</small>		
26 51	19 00-0671	EA	19 Watt, Dimmable, LED Track Lighting Fixture (Juno® TRAC-MASTER® Cylindra™).....	193.43	18.14
			<i>For >50 To 100, Deduct</i>	-5.51	
			<i>For >100 To 250, Deduct</i>	-10.35	
			<i>For >250 To 500, Deduct</i>	-19.34	
			<i>For >500, Deduct</i>	-28.34	
26 51	19 00-0672	EA	18 Watt, Dimmable, LED Track Lighting Fixture (HALO® Stasis L805MED).....	338.23	18.14
			<i>For >50 To 100, Deduct</i>	-9.13	
			<i>For >100 To 250, Deduct</i>	-17.59	
			<i>For >250 To 500, Deduct</i>	-33.82	
			<i>For >500, Deduct</i>	-50.06	
26 51	19 00-0673	EA	24 Watt, Dimmable, LED Track Lighting Fixture (Amerlux CNTRV33).....	198.93	18.14
			<i>For >50 To 100, Deduct</i>	-5.65	
			<i>For >100 To 250, Deduct</i>	-10.63	
			<i>For >250 To 500, Deduct</i>	-19.89	
			<i>For >500, Deduct</i>	-29.16	

26 51 23 HID Interior Lighting (26 51)26 51 23 00-0001 Large Interior Area Fixtures (26 51 23)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51	23 00-0023	EA	400 Watt High Pressure Sodium, High Bay Fixture	401.58	128.21
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Ballast Safety Chain, Add</i>	12.13	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Optical Safety Chain, Add</i>	7.47	
26 51	23 00-0024	EA	1,000 Watt High Pressure Sodium, High Bay Fixture	587.08	134.86
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Ballast Safety Chain, Add</i>	12.13	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Optical Safety Chain, Add</i>	7.47	
26 51	23 00-0025		Metal Halide, High Bay Fixtures (26 51 23 00-0020)		
			Note: Includes heavy duty steel housing and aluminum reflector. Excludes lens.		
26 51	23 00-0026	EA	250 Watt Metal Halide, High Bay Fixture	344.93	112.34
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Ballast Safety Chain, Add</i>	12.13	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Optical Safety Chain, Add</i>	7.47	
26 51	23 00-0027	EA	400 Watt Metal Halide, High Bay Fixture	380.46	128.21
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Ballast Safety Chain, Add</i>	12.13	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Optical Safety Chain, Add</i>	7.47	
26 51	23 00-0028	EA	1,000 Watt Metal Halide, High Bay Fixture	492.86	134.86
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Ballast Safety Chain, Add</i>	12.13	
			<i>For Security Chain, Add</i>	19.34	
			<i>For Tempered Glass Or Acrylic Lens, Add</i>	60.50	
			<i>For Glass Or Acrylic Reflector, Add</i>	90.00	
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	
			<i>For Optical Safety Chain, Add</i>	7.47	
26 51	23 00-0029		Induction, High Bay Fixtures (26 51 23 00-0020)		
26 51	23 00-0030		Induction, High Bay Fixtures (Everlast®) (26 51 23 00-0029)		
			Note: Includes die cast aluminum ballast casing and acrylic lens.		
26 51	23 00-0031	EA	100 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	460.29	98.25
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0032	EA	120 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	493.89	101.52
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0033	EA	150 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	502.80	104.80
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0034	EA	200 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	548.23	108.07
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0035	EA	250 Watt Induction, High Bay Fixture (Everlast® Huron EHBUS-AC)	562.09	111.35
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0036	EA	100 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	494.84	98.25
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0037	EA	120 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	528.44	101.52
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0038	EA	150 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	537.35	104.80
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0039	EA	200 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	582.78	108.07
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0040	EA	250 Watt Induction, Variable Dimming, High Bay Fixture (Everlast® Huron EHBUS-AC)	596.64	111.35
			<i>For Impact Resistant Silicon Lens, Add</i>	20.00	
26 51	23 00-0041		Ceiling Mounted, Large Interior Area Fixtures (26 51 23 00-0001)		
			Note: Heavy duty aluminum housing, aluminum reflector, acrylic drop dish lens, fully gasketed.		
26 51	23 00-0042		High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixtures (26 51 23 00-0041)		
26 51	23 00-0043	EA	100 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture	311.66	75.28
			<i>For Instant Quartz Restrike, Add</i>	60.00	
			<i>For Wire Guard, Add</i>	40.50	
			<i>For Polycarbonate Lens, Add</i>	47.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 23 00-0044 EA 150 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture <i>For Instant Quartz Restrike, Add</i> <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i>	645.28 60.00 40.50 47.75	75.28
26 51 23 00-0045 EA 250 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture <i>For Instant Quartz Restrike, Add</i> <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i>	742.51 60.00 40.50 47.75	75.28
26 51 23 00-0046 EA 400 Watt High Pressure Sodium, Ceiling Mounted, Large Interior Area Fixture <i>For Instant Quartz Restrike, Add</i> <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i>	995.72 60.00 40.50 47.75	75.28
26 51 23 00-0047 Metal Halide, Ceiling Mounted, Large Interior Area Fixtures (26 51 23 00-0041)		
26 51 23 00-0048 EA 100 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture <i>For Instant Quartz Restrike, Add</i> <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i>	297.05 60.00 40.50 47.75	75.28
26 51 23 00-0049 EA 175 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture <i>For Instant Quartz Restrike, Add</i> <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i>	312.03 60.00 40.50 47.75	83.54
26 51 23 00-0050 EA 250 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture <i>For Instant Quartz Restrike, Add</i> <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i>	331.58 60.00 40.50 47.75	90.48
26 51 23 00-0051 EA 400 Watt Metal Halide, Ceiling Mounted, Large Interior Area Fixture <i>For Instant Quartz Restrike, Add</i> <i>For Wire Guard, Add</i> <i>For Polycarbonate Lens, Add</i>	370.72 60.00 40.50 47.75	107.76
26 51 23 00-0052 High Pressure Sodium, Recessed Fixture Housings (26 51 23)		
26 51 23 00-0053 EA 4" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing <i>For ICAT Housing, Add</i>	159.62 14.56	31.29
26 51 23 00-0054 EA 5" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing <i>For ICAT Housing, Add</i>	167.16 15.54	31.29
26 51 23 00-0055 EA 6" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing <i>For ICAT Housing, Add</i>	175.60 16.35	32.59
26 51 23 00-0056 EA 7" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing <i>For ICAT Housing, Add</i>	181.89 16.88	34.00
26 51 23 00-0057 EA 8" Round, High Pressure Sodium, T Or ICT Recessed Fixture Housing <i>For ICAT Housing, Add</i>	188.11 17.40	35.42
26 51 23 00-0058 EA 10" To 12" Square, High Pressure Sodium, T Or ICT Recessed Fixture Housing <i>For ICAT Housing, Add</i>	193.37 17.66	37.58
26 51 23 00-0059 Metal Halide Track Lighting Fixtures (26 51 23)		
26 51 23 00-0060 EA Metal Halide Track Lighting Fixture	104.44	18.14
26 51 23 00-0061 Metal Halide, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 23)		
26 51 23 00-0062 EA 75 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	163.71 6.30	43.45
26 51 23 00-0063 EA 100 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	168.75 6.30	43.45
26 51 23 00-0064 EA 150 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	178.99 6.30	43.45
26 51 23 00-0065 EA 175 Watt Metal Halide, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	194.38 6.30	43.45
26 51 23 00-0066 High Pressure Sodium, Wet Location, Dust Resistant, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixtures (26 51 23)		
26 51 23 00-0067 EA 70 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	151.72 6.67	43.45
26 51 23 00-0068 EA 100 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	157.97 6.67	43.45
26 51 23 00-0069 EA 150 Watt High Pressure Sodium, Ceiling Mounted, Cast Metal Guard, Enclosed And Gasketed, Vapor Tight Fixture <i>For Wall Mounted, Add</i>	182.18 6.67	43.45
26 51 33 Interior Lighting Accessories (26 51)		
26 51 33 00-0001 Accessories And Modifiers For Fixtures (26 51 33)		
26 51 33 00-0002 Lens Modifications (26 51 33 00-0001)		
26 51 33 00-0003 EA For 1' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	36.83	
26 51 33 00-0004 EA For 1' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	45.49	
26 51 33 00-0005 EA For 2' x 2' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	47.66	

26 Electrical**26 50 Lighting****26 51 Interior Lighting**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 51 33 00-0006	EA	For 2' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	51.99	
26 51 33 00-0007	EA	For 4' x 4' Drop Dish Diffuser Instead Of Prismatic Lens, Add.....	62.82	
26 51 33 00-0008	EA	For 1' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	15.16	
26 51 33 00-0009	EA	For 1' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	21.66	
26 51 33 00-0010	EA	For 2' x 2' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	23.83	
26 51 33 00-0011	EA	For 2' x 4' Egg Crate/Cube Louvers Instead Of Prismatic Lens, Add.....	28.16	
26 51 33 00-0012		Pendant Mounting Modifications <small>(26 51 33 00-0001)</small>		
		Note: Per pendant. Use demolition cost for associated light fixture for demolition of pendant mounted light fixture assembly.		
26 51 33 00-0013	EA	For Pendant Mounting Up to 1'-6" Long Section.....	16.46	
		Note: Per pendant.		
26 51 33 00-0014	EA	For Pendant Mounting 2' Long Section.....	19.06	
		Note: Per pendant.		
26 51 33 00-0015	EA	For Pendant Mounting 3' Long Section.....	24.39	
		Note: Per pendant.		
26 51 33 00-0016	EA	For Pendant Mounting 4' Long Section.....	28.81	
		Note: Per pendant.		
26 51 33 00-0017	EA	For Pendant Mounting 6' Long Section.....	36.39	
		Note: Per pendant.		
26 51 33 00-0018	EA	For Pendant Mounting 8' Long Section.....	49.39	
		Note: Per pendant.		
26 51 33 00-0019		Fluorescent Light Accessories <small>(26 51 33 00-0001)</small>		
26 51 33 00-0020	EA	Blank Metal Light Box Plate.....	30.98	
26 51 33 00-0021	EA	Factory Installed Fixture Mounted Occupancy Sensor.....	166.79	
26 51 33 00-0022		Wire Guards <small>(26 51 33 00-0001)</small>		
26 51 33 00-0023	EA	Wire Guard for 6" x 2' Fixture.....	68.80	5.44
26 51 33 00-0024	EA	Wire Guard for 6" x 4' Fixture.....	96.17	8.71
26 51 33 00-0025	EA	Wire Guard for 1" x 2' Fixture.....	76.83	5.99
26 51 33 00-0026	EA	Wire Guard for 1" x 4' Fixture.....	108.84	9.25
26 51 33 00-0027	EA	Wire Guard for 2" x 2' Fixture.....	94.14	6.53
26 51 33 00-0028	EA	Wire Guard for 2" x 4' Fixture.....	128.46	9.79
26 51 33 00-0029		Lighting Accessories <small>(26 51 33)</small>		
26 51 33 00-0030		Modular Flexible Wiring Systems <small>(26 51 33 00-0029)</small>		
26 51 33 00-0031	EA	10' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-10).....	98.41	5.86
26 51 33 00-0032	EA	15' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-15).....	117.76	5.86
26 51 33 00-0033	EA	20' Length, 2-Circuit, Modular Power Cable (Day-Brite PC-12-2E-20).....	142.96	5.86
26 51 33 00-0034	EA	15' Length, 2-Circuit, Modular Lighting Cable (Day-Brite LC-27-2E-15).....	117.76	5.86
26 51 33 00-0035	EA	3 Out, 3-Circuit, Modular Lighting Interface (Day-Brite LI-27-3E).....	95.04	5.86
26 51 33 00-0036	EA	13' Length, 2-Circuit, Modular Reddy-Connect Cable (Day-Brite RC-27-2D-13).....	145.78	5.86
26 51 33 00-0037	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-7M).....	77.90	5.86
26 51 33 00-0038	EA	3" Length, 2-Circuit, Modular Lighting Tap (Day-Brite LT-27-2E).....	89.12	5.86
26 51 33 00-0039	EA	7' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-07).....	118.24	5.86
26 51 33 00-0040	EA	7' Length, 1-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-ML-07).....	118.24	5.86
26 51 33 00-0041	EA	7' Length, 2-Circuit Multi-Level, Modular Lighting Switch Unit (Day-Brite LS-27-2C-07).....	120.35	5.86
26 51 33 00-0042	EA	7' Length, 1st 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3A-07).....	119.57	5.86
26 51 33 00-0043	EA	7' Length, 2nd 3-Way, Modular Lighting Switch Unit (Day-Brite LS-27-3B-07).....	119.57	5.86
26 51 33 00-0044	EA	15' Length, Single Level, Modular Lighting Switch Unit (Day-Brite LS-27-SL-15).....	138.45	5.86
26 51 33 00-0045	EA	3" Length, 2-Circuit, Modular Lighting Adapter (Day-Brite LA-27-4D).....	59.88	5.86
26 51 33 00-0046	EA	3" Length, 1-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-1E).....	55.48	5.86
26 51 33 00-0047	EA	3" Length, 2-Circuit, Modular Lighting Distribution Cable (Day-Brite LD-27-2E).....	57.01	5.86
26 51 33 00-0048	EA	3" Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E).....	73.35	5.86
26 51 33 00-0049	EA	15' Length, 1-Circuit, Modular Lighting Tap (Day-Brite LT-27-1E-15).....	98.41	5.86
26 51 33 00-0050	EA	15' Length, 1-Circuit, Modular Lighting Cable (Day-Brite LC-27-1E-15).....	101.07	5.86
26 51 33 00-0051	EA	Modular Lighting Junction Or Circuit Splitter (Day-Brite LJ-27-3E).....	77.41	5.86
26 51 33 00-0052	EA	3" Length, 1-Circuit, Modular Power Distribution Cable (Day-Brite PD-12-1E).....	55.48	5.86
26 51 33 00-0053	EA	Removal And Reinstallation Of Modular Wiring Complete Including Storage And Cleaning.....	48.88	
26 51 33 00-0054		Additional Lighting Wire Whips <small>(26 51 33)</small>		
26 51 33 00-0055	LF	For Each Additional LF Of Interior Lighting Wire Whip, Add.....	1.81	
		Note: Wire whips are included with interior lighting fixtures, where necessary, up to six feet in length. Use this task for additional required whip length. For example, if the fixture requires a 15' wire whip then use 9 LF of this task to reach required length.		
26 51 33 00-0056		Removal And Reinstallation Of Light Fixtures <small>(26 51 33)</small>		
		Note: Includes disconnection of wire, on-site storage, general cleaning, installation and electrical wire hook-up.		
26 51 33 00-0057	EA	Removal And Reinstallation Of Lay-In Fluorescent Light Fixture.....	115.61	
26 51 33 00-0058	EA	Removal And Reinstallation Of Surface Mounted Or Pendant Light Fixture.....	132.12	

26 52 Safety Lighting (26 50)**26 52 13 Emergency and Exit Lighting** (26 52)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0031	EA		12 Watt, 25 Volt, Thermoplastic Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA N2512).....	126.25	16.29
			<i>For Wireguard, Add</i>	180.50	
26 52 13 13-0032	EA		12 Watt, 25 Volt, Aluminum Housing, Incandescent Lamp, Emergency Light Remote Head (Lithonia ELA MT N2512).....	148.76	16.29
			<i>For Wireguard, Add</i>	180.50	
26 52 13 13-0033			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0017)</small>		
26 52 13 13-0034			Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0033)</small>		
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
26 52 13 13-0035	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND618).....	420.37	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0036	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1236).....	458.06	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0037	EA		54 Max Wattage At 90 Minutes, 6 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND654).....	447.74	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0038	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND1254).....	474.07	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0039	EA		100 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Light (Lithonia IND12100).....	807.60	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	105.50	
26 52 13 13-0040	EA		18 Max Wattage At 90 Minutes, 6 Volt, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX618).....	631.54	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0041	EA		36 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1236).....	708.99	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0042	EA		54 Max Wattage At 90 Minutes, 12 Volt, Remote Capability, Krypton Lamps, NEMA 4X, Rugged Injection-Molded Thermoplastic Housing, Harsh Environment Industrial Emergency Light (Lithonia INDX1254).....	748.23	27.16
			<i>For Wireguard, Add</i>	217.47	
			<i>For Self-Diagnostics, Add</i>	61.50	
26 52 13 13-0043			Remote Heads For Rugged Injection-Molded Thermoplastic Housing, Industrial Emergency Lights <small>(26 52 13 13-0033)</small>		
			Note: For use with fixtures that have remote capability.		
26 52 13 13-0044	EA		9 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0906).....	104.77	16.29
26 52 13 13-0045	EA		12 Watt, 6 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1206).....	113.75	16.29
26 52 13 13-0046	EA		9 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Krypton Lamp, Emergency Light Remote Head (Lithonia ELA IND K0912).....	104.87	16.29
26 52 13 13-0047	EA		12 Watt, 12 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H1212).....	111.48	16.29
26 52 13 13-0048	EA		12 Watt, 20 Volt, Heavyweight Polycarbonate Housing, Halogen Lamp, Emergency Light Remote Head (Lithonia ELA IND H2012).....	94.51	16.29
26 52 13 13-0049			Outdoor Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-0050			Gasketed Die-Cast Aluminum Housing, Outdoor Emergency Lights <small>(26 52 13 13-0049)</small>		
			Note: Includes nickel-cadmium batteries.		
26 52 13 13-0051	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light (Dual-Lite PG Series).....	669.23	27.16
26 52 13 13-0052	EA		10 Max Wattage At 90 Minutes, LED Lamps, Gasketed Aluminum Die-Cast Housing, Outdoor Emergency Light With Heater (Dual-Lite PG Series).....	800.89	27.16
26 52 13 13-0053			Recessed Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-0054	EA		10 Watt At 90 Minutes, 6 Volt, Halogen Lamp, 8" Round, Recessed High-Hat Emergency Light (Lithonia ELRG).....	730.98	27.16
			<i>For Wire Guard, Add</i>	60.00	
26 52 13 13-0055	EA		16 Max Wattage At 90 Minutes, 6 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR2).....	563.21	54.31
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i>	238.22	
26 52 13 13-0056	EA		50 Max Wattage At 90 Minutes, 12 Volt, 12" x 12" Polycarbonate Housing, Glass Sealed-Beam Lamps, Recessed Emergency Light (Lithonia ELR4).....	818.38	54.31
			Note: Includes lead-calcium batteries and two adjustable lamp heads.		
			<i>For Wireguard, Add</i>	238.22	

Electrical	26	26
Lighting	26 50	
Safety Lighting	26 52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 13-0057 Square Wraparound Emergency Lights <small>(26 52 13 13)</small>		
26 52 13 13-0058 EA 10 Max Wattage At 90 Minutes, 6 Volt, Halogen Lamp, 10-5/16" x 10-5/16" Lexan Frame, Square Wraparound Emergency Light (Lithonia ELSQ)	328.52	27.16
26 52 13 13-0059 Emergency Lights (Lithonia) <small>(26 52 13 13)</small>		
26 52 13 13-0060 EA LED Emergency Light, White Thermoplastic Housing, 2 Adjustable Lamp Heads, 90 Minutes Battery Backup (Lithonia Lighting EU2L M12)	90.04	27.16
26 52 13 13-0061 EA LED Emergency Light, White Thermoplastic Housing, 2 Adjustable Lamp Heads, 90 Minutes Battery Backup, Remote Capable (Lithonia Lighting EU2L REM M12)	124.27	27.16
26 52 13 16 Exit Signs <small>(26 52 13)</small>		
Note: Excludes pendants.		
26 52 13 16-0001 LED Exit Signs <small>(26 52 13 16)</small>		
Note: Includes red LED lamps.		
26 52 13 16-0002 EA Single Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	183.84	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For >50 To 100, Deduct</i>		-6.58
<i>For >100 To 250, Deduct</i>		-11.18
<i>For >250 To 500, Deduct</i>		-18.38
<i>For >500, Deduct</i>		-25.59
26 52 13 16-0003 EA Double Face, Thermoplastic Housing, LED Exit Sign (Lithonia LQM-S-W-3-R-120/277-M6)	183.84	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For >50 To 100, Deduct</i>		-6.58
<i>For >100 To 250, Deduct</i>		-11.18
<i>For >250 To 500, Deduct</i>		-18.38
<i>For >500, Deduct</i>		-25.59
26 52 13 16-0004 EA Single Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM-S-W-3-R-120/277-EL-N- M6)	261.95	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For Self-Diagnostics, Add</i>		50.00
<i>For >50 To 100, Deduct</i>		-8.53
<i>For >100 To 250, Deduct</i>		-15.08
<i>For >250 To 500, Deduct</i>		-26.20
<i>For >500, Deduct</i>		-37.31
26 52 13 16-0005 EA Double Face, Thermoplastic Housing, LED Exit Sign With Battery Back-Up (Lithonia LQM ELN)	261.95	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For Self-Diagnostics, Add</i>		50.00
<i>For >50 To 100, Deduct</i>		-8.53
<i>For >100 To 250, Deduct</i>		-15.08
<i>For >250 To 500, Deduct</i>		-26.20
<i>For >500, Deduct</i>		-37.31
26 52 13 16-0006 EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-1-R)	289.86	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For >50 To 100, Deduct</i>		-9.23
<i>For >100 To 250, Deduct</i>		-16.48
<i>For >250 To 500, Deduct</i>		-28.99
<i>For >500, Deduct</i>		-41.49
26 52 13 16-0007 EA Double Face, Die-Cast Aluminum Housing, LED Exit Sign (Lithonia LQC-W-2-R)	330.57	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For >50 To 100, Deduct</i>		-10.25
<i>For >100 To 250, Deduct</i>		-18.51
<i>For >250 To 500, Deduct</i>		-33.06
<i>For >500, Deduct</i>		-47.60
26 52 13 16-0008 EA Single Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-1-R-EL-N)	272.84	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For Self-Diagnostics, Add</i>		50.00
<i>For >50 To 100, Deduct</i>		-8.81
<i>For >100 To 250, Deduct</i>		-15.63
<i>For >250 To 500, Deduct</i>		-27.28
<i>For >500, Deduct</i>		-38.94
26 52 13 16-0009 EA Double Face, Die-Cast Aluminum Housing, LED Exit Sign With Battery Back-Up (Lithonia LQC-W-2-R-EL-N)	302.39	39.71
<i>For Green LED Lamps, Add</i>		15.00
<i>For Self-Diagnostics, Add</i>		50.00
<i>For >50 To 100, Deduct</i>		-9.55
<i>For >100 To 250, Deduct</i>		-17.10
<i>For >250 To 500, Deduct</i>		-30.24
<i>For >500, Deduct</i>		-43.37
26 52 13 16-0010 EA Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-S-W-3-R-M4)	346.08	39.71
Note: Includes two circular side mounted krypton emergency lights.		
<i>For Green LED Lamps, Add</i>		15.00
<i>For >50 To 100, Deduct</i>		-11.37
<i>For >100 To 250, Deduct</i>		-20.02
<i>For >250 To 500, Deduct</i>		-34.61
<i>For >500, Deduct</i>		-49.20

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0011	EA		Single Face, Thermoplastic Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Lithonia LHQM-LED-R-M6).....	295.82	39.71
			Note: Includes two circular side mounted LED emergency lights.		
			For Green LED Lamps, Add	15.00	
			For >50 To 100, Deduct	-10.11	
			For >100 To 250, Deduct	-17.51	
			For >250 To 500, Deduct	-29.58	
			For >500, Deduct	-41.66	
26 52 13 16-0012	EA		Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM-PH).....	438.30	39.71
			Note: Includes two rectangular front mounted high intensity tungsten emergency lights.		
			For Green LED Lamps, Add	15.00	
			For >50 To 100, Deduct	-13.67	
			For >100 To 250, Deduct	-24.63	
			For >250 To 500, Deduct	-43.83	
			For >500, Deduct	-63.03	
26 52 13 16-0013	EA		Single Face, Powder Coated Steel Housing, LED Exit Sign/Emergency Light Combo With Battery Back-Up (Big Beam COM).....	459.76	39.71
			Note: Includes two circular side mounted PAR 36 emergency lights.		
			For Green LED Lamps, Add	15.00	
			For >50 To 100, Deduct	-14.21	
			For >100 To 250, Deduct	-25.70	
			For >250 To 500, Deduct	-45.98	
			For >500, Deduct	-66.25	
26 52 13 16-0014	EA		Single Or Double Face, Polycarbonate Housing, LED Emergency Exit Sign (Eaton Lighting APX6R).....	118.04	39.71
			For >50 To 100, Deduct	-4.94	
			For >100 To 250, Deduct	-7.89	
			For >250 To 500, Deduct	-11.80	
			For >500, Deduct	-15.72	
26 52 13 16-0015	EA		120-277 Volt, LED Emergency Exit Sign With Nickel Cadmium Battery, Red (Cooper Industries APX7R).....	118.54	39.71
			For >50 To 100, Deduct	-4.95	
			For >100 To 250, Deduct	-7.91	
			For >250 To 500, Deduct	-11.85	
			For >500, Deduct	-15.80	
26 52 13 16-0016	EA		Single Face, LED Exit Sign (Lithonia EXG LED M6).....	116.44	39.76
			For >50 To 100, Deduct	-4.90	
			For >100 To 250, Deduct	-7.81	
			For >250 To 500, Deduct	-11.64	
			For >500, Deduct	-15.48	
26 52 13 16-0017	EA		Single Face, LED Exit Sign Emergency Light Combo With 2 Lamp Heads (Lithonia ECC G).....	152.53	39.76
			For >50 To 100, Deduct	-5.80	
			For >100 To 250, Deduct	-9.61	
			For >250 To 500, Deduct	-15.25	
			For >500, Deduct	-20.89	
26 52 13 16-0018			Edge-Lit LED Exit Signs <small>(26 52 13 16)</small>		
			Note: Includes red LED lamps.		
26 52 13 16-0019	EA		Single Face, Edge-Lit LED Exit Sign (Lithonia EDG-1- R-M6).....	256.97	39.71
			For Green LED Lamps, Add	40.00	
			For >50 To 100, Deduct	-8.41	
			For >100 To 250, Deduct	-14.83	
			For >250 To 500, Deduct	-25.70	
			For >500, Deduct	-36.56	
26 52 13 16-0020	EA		Double Face, Edge-Lit LED Exit Sign (Lithonia EDG-2-R-M6).....	259.79	39.71
			For Green LED Lamps, Add	40.00	
			For >50 To 100, Deduct	-8.48	
			For >100 To 250, Deduct	-14.97	
			For >250 To 500, Deduct	-25.98	
			For >500, Deduct	-36.98	
26 52 13 16-0021	EA		Single Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-1-R-EL-M6).....	278.86	39.71
			For Green LED Lamps, Add	40.00	
			For Self-Diagnostics, Add	50.00	
			For >50 To 100, Deduct	-8.96	
			For >100 To 250, Deduct	-15.93	
			For >250 To 500, Deduct	-27.89	
			For >500, Deduct	-39.84	
26 52 13 16-0022	EA		Double Face, Edge-Lit LED Exit Sign With Battery Back-Up (Lithonia EDG-2-R-EL-M6).....	335.87	39.71
			For Green LED Lamps, Add	40.00	
			For Self-Diagnostics, Add	50.00	
			For >50 To 100, Deduct	-10.38	
			For >100 To 250, Deduct	-18.78	
			For >250 To 500, Deduct	-33.59	
			For >500, Deduct	-48.40	
26 52 13 16-0023			Self-Luminous Tritium Exit Signs <small>(26 52 13 16)</small>		
			Note: Includes red or green tritium filled pyrex glass light tubes with phosphor coating.		
26 52 13 16-0024	EA		10 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-10-R).....	562.67	39.71
			For >50 To 100, Deduct	-16.05	
			For >100 To 250, Deduct	-30.12	
			For >250 To 500, Deduct	-56.27	
			For >500, Deduct	-82.42	

Electrical	26	26
Lighting	26 50	
Safety Lighting	26 52	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 52 13 16-0025	EA		10 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-10-R).....	1,045.42	39.71
			<i>For >50 To 100, Deduct</i>	-28.12	
			<i>For >100 To 250, Deduct</i>	-54.26	
			<i>For >250 To 500, Deduct</i>	-104.54	
			<i>For >500, Deduct</i>	-154.83	
26 52 13 16-0026	EA		20 Year, Single Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-S-20-R).....	672.65	39.71
			<i>For >50 To 100, Deduct</i>	-18.80	
			<i>For >100 To 250, Deduct</i>	-35.62	
			<i>For >250 To 500, Deduct</i>	-67.27	
			<i>For >500, Deduct</i>	-98.91	
26 52 13 16-0027	EA		20 Year, Double Face, Acrylonitrile Butadiene Styrene (ABS) Housing, Self-Luminous Tritium Exit Sign (Isolite SLX-60-D-20-R).....	1,133.71	39.71
			<i>For >50 To 100, Deduct</i>	-30.33	
			<i>For >100 To 250, Deduct</i>	-58.67	
			<i>For >250 To 500, Deduct</i>	-113.37	
			<i>For >500, Deduct</i>	-168.07	
26 52 13 16-0028	EA		10 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-10-R).....	617.40	39.71
			<i>For >50 To 100, Deduct</i>	-17.42	
			<i>For >100 To 250, Deduct</i>	-32.86	
			<i>For >250 To 500, Deduct</i>	-61.74	
			<i>For >500, Deduct</i>	-90.62	
26 52 13 16-0029	EA		10 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-10-R).....	1,133.71	39.71
			<i>For >50 To 100, Deduct</i>	-30.33	
			<i>For >100 To 250, Deduct</i>	-58.67	
			<i>For >250 To 500, Deduct</i>	-113.37	
			<i>For >500, Deduct</i>	-168.07	
26 52 13 16-0030	EA		20 Year, Single Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-01-20-R).....	760.42	39.71
			<i>For >50 To 100, Deduct</i>	-21.00	
			<i>For >100 To 250, Deduct</i>	-40.01	
			<i>For >250 To 500, Deduct</i>	-76.04	
			<i>For >500, Deduct</i>	-112.08	
26 52 13 16-0031	EA		20 Year, Double Face, Aluminum Housing, Self-Luminous Tritium Exit Sign (Isolite 2040-07-20-R).....	1,410.45	39.71
			<i>For >50 To 100, Deduct</i>	-37.25	
			<i>For >100 To 250, Deduct</i>	-72.51	
			<i>For >250 To 500, Deduct</i>	-141.05	
			<i>For >500, Deduct</i>	-209.58	
26 52 13 16-0032			Vandal-Resistant LED Exit Signs <small>(26 52 13 16)</small>		
			Note: Includes red LED lamps.		
26 52 13 16-0033	EA		Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign (Lithonia LV-S-W-1-R-120/277).....	530.15	39.71
			<i>For >50 To 100, Deduct</i>	-15.24	
			<i>For >100 To 250, Deduct</i>	-28.49	
			<i>For >250 To 500, Deduct</i>	-53.02	
			<i>For >500, Deduct</i>	-77.54	
26 52 13 16-0034	EA		Single Face, Aluminum Housing, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-W-1-R-120/277-EL-N).....	829.09	39.71
			<i>For >50 To 100, Deduct</i>	-22.71	
			<i>For >100 To 250, Deduct</i>	-43.44	
			<i>For >250 To 500, Deduct</i>	-82.91	
			<i>For >500, Deduct</i>	-122.38	
26 52 13 16-0035	EA		Single Face, Aluminum Housing, NEMA 4X, Vandal-Resistant/Wet Location, LED Exit Sign With Battery Backup (Lithonia LV-S-1-R-120/277-EL-N-UM-4X).....	1,012.38	39.71
			<i>For >50 To 100, Deduct</i>	-27.29	
			<i>For >100 To 250, Deduct</i>	-52.60	
			<i>For >250 To 500, Deduct</i>	-101.24	
			<i>For >500, Deduct</i>	-149.87	
26 52 13 16-0036			Removal And Reinstallation Of Exit Light Fixture <small>(26 52 13 16)</small>		
26 52 13 16-0037	EA		Removal And Reinstall Of Exit Light Fixtures.....	81.47	
			Note: Includes storage and cleaning.		
			<i>For >50 To 100, Deduct</i>	-4.07	
			<i>For >100 To 250, Deduct</i>	-6.11	
			<i>For >250 To 500, Deduct</i>	-8.15	
			<i>For >500, Deduct</i>	-10.18	
26 52 13 16-0038			Exit Sign Accessories <small>(26 52 13 16)</small>		
26 52 13 16-0039	EA		Polycarbonate Vandal Shield For Exit Signs (Radiant-Lite BG-1).....	125.00	10.89
			<i>For >50 To 100, Deduct</i>	-3.67	
			<i>For >100 To 250, Deduct</i>	-6.79	
			<i>For >250 To 500, Deduct</i>	-12.50	
			<i>For >500, Deduct</i>	-18.21	
26 52 13 16-0040	EA		Wire Guard For Exit Signs Or Emergency Lights (Best Lighting Products WG-1).....	71.57	10.89
			<i>For >50 To 100, Deduct</i>	-2.33	
			<i>For >100 To 250, Deduct</i>	-4.12	
			<i>For >250 To 500, Deduct</i>	-7.16	
			<i>For >500, Deduct</i>	-10.19	
26 52 13 16-0041	EA		Wire Guard For Combination Exit Sign And Emergency Light (Best Lighting Products WG-3).....	117.02	8.71
			<i>For >50 To 100, Deduct</i>	-3.36	
			<i>For >100 To 250, Deduct</i>	-6.29	
			<i>For >250 To 500, Deduct</i>	-11.70	
			<i>For >500, Deduct</i>	-17.12	

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 52 13 16-0042	EA	Removal And Replacement Of Battery For Exit Signs.....	124.16	
		Note: Battery: nickel cadmium, 1.2 volt, 1 Ah battery capacity		
		For >50 To 100, Deduct	-3.78	
		For >100 To 250, Deduct	-6.89	
		For >250 To 500, Deduct	-12.42	
		For >500, Deduct	-17.94	

26 52 13 16-0043 LED Exit Signs (Lithonia) (26 52 13 16)

26 52 13 16-0044	EA	Exit Sign Emergency Light Combo - White Thermoplastic - Adjustable LED- Single Face - Red Letters - Battery Backup (Lithonia ECBR-LED-M6).....	252.72	39.76
		For >50 To 100, Deduct	-8.30	
		For >100 To 250, Deduct	-14.62	
		For >250 To 500, Deduct	-25.27	
		For >500, Deduct	-35.92	
26 52 13 16-0045	EA	Exit Sign Emergency Light Combo - White Thermoplastic - Adjustable LED- Single Face - Green Letters - Battery Backup (Lithonia ECBG-LED-M6).....	200.36	39.76
		For >50 To 100, Deduct	-6.99	
		For >100 To 250, Deduct	-12.00	
		For >250 To 500, Deduct	-20.04	
		For >500, Deduct	-28.07	

26 54 Classified Location Lighting (26 50)

26 54 19 LED Classified Location Lighting (26 54)

26 54 19 00-0001 Class I Division 2, Hazardous Location, LED Fixtures (26 54 19)

26 54 19 00-0002 Class I Division 2, Hazardous Location, NEMA 4X, LED Floodlight (Cooper Champ® FMV) (26 54 19 00-0001)

Note: Includes 5,600K CRI LED arrays, shatter resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

26 54 19 00-0003	EA	5,183 Lumens, 45 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV5L).....	2,453.81	89.31
		For Bolt-On Visor, Add	94.27	
		For Bolt-On Wire Guard, Add	193.89	
		For 480 Volt, Add	166.01	
		For Warm White Color Rendering, Add	70.48	
		For >50 To 100, Deduct	-65.07	
		For >100 To 250, Deduct	-126.41	
		For >250 To 500, Deduct	-245.38	
		For >500, Deduct	-364.35	
26 54 19 00-0004	EA	7,095 Lumens, 62 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV7L).....	3,006.76	95.27
		For Bolt-On Visor, Add	94.27	
		For Bolt-On Wire Guard, Add	193.89	
		For 480 Volt, Add	166.01	
		For Warm White Color Rendering, Add	70.48	
		For >50 To 100, Deduct	-79.14	
		For >100 To 250, Deduct	-154.31	
		For >250 To 500, Deduct	-300.68	
		For >500, Deduct	-447.04	
26 54 19 00-0005	EA	9,132 Lumens, 79 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV9L).....	3,396.84	101.23
		For Bolt-On Visor, Add	94.27	
		For Bolt-On Wire Guard, Add	193.89	
		For 480 Volt, Add	166.01	
		For Warm White Color Rendering, Add	70.48	
		For >50 To 100, Deduct	-89.14	
		For >100 To 250, Deduct	-174.06	
		For >250 To 500, Deduct	-339.68	
		For >500, Deduct	-505.31	
26 54 19 00-0006	EA	11,107 Lumens, 99 Watt, Yoke Mount, Class I Division 2, NEMA 4X, 7 x 6 Optic, Glass Lens, LED Floodlight (Cooper Champ® FMV11L).....	3,797.75	107.17
		For Bolt-On Visor, Add	94.27	
		For Bolt-On Wire Guard, Add	193.89	
		For 480 Volt, Add	166.01	
		For Warm White Color Rendering, Add	70.48	
		For >50 To 100, Deduct	-99.41	
		For >100 To 250, Deduct	-194.35	
		For >250 To 500, Deduct	-379.78	
		For >500, Deduct	-565.20	

26 54 19 00-0007 Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC) (26 54 19 00-0001)

Note: Includes 5,600K CRI LED arrays, heat resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 54 19 00-0008	EA		1,600 Lumens, 25 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Vaporgard™ V2LC).....	1,447.52	83.36
			For 12/24 Volt DC Driver, Add	26.79	
			For Frosted Lens, Add	54.75	
			For Warm White Color Temperature LEDs, Add	70.48	
			For 55 Degree Ambient Suitability (AC Only) Option, Add	36.48	
			For Stanchion Mount, Add	225.86	
			For Ceiling Mount, Add	90.57	
			For Wall Mount, Add	132.21	
			For Teflon Coated Lens, Add	116.21	
			For Wall Mount With Junction Box, Add	193.04	
			For >50 To 100, Deduct	-39.66	
			For >100 To 250, Deduct	-75.85	
			For >250 To 500, Deduct	-144.75	
			For >500, Deduct	-213.65	
26 54 19 00-0009			Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV) (26 54 19 00-0001)		
			Note: Includes 5,600K CRI LED arrays, heat and impact resistant glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0010	EA		3,240 Lumens, 47 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV3L).....	2,306.41	83.36
			For Ceiling Mount, Add	17.33	
			For Quick Clip Mounting Option, Add	25.46	
			For Frosted Lens, Add	54.75	
			For Warm White Color Rendering, Add	70.48	
			For Polycarbonate Lens, Add	101.48	
			For 480 Volt, Add	166.01	
			For >50 To 100, Deduct	-61.13	
			For >100 To 250, Deduct	-118.79	
			For >250 To 500, Deduct	-230.64	
			For >500, Deduct	-342.49	
26 54 19 00-0011	EA		3,778 Lumens, 63 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV5L).....	2,554.87	89.31
			For Ceiling Mount, Add	17.33	
			For Quick Clip Mounting Option, Add	25.46	
			For Frosted Lens, Add	54.75	
			For Warm White Color Rendering, Add	70.48	
			For Polycarbonate Lens, Add	101.48	
			For 480 Volt, Add	166.01	
			For >50 To 100, Deduct	-67.59	
			For >100 To 250, Deduct	-131.46	
			For >250 To 500, Deduct	-255.49	
			For >500, Deduct	-379.51	
26 54 19 00-0012	EA		6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV7L).....	2,863.20	95.27
			For Ceiling Mount, Add	17.33	
			For Quick Clip Mounting Option, Add	25.46	
			For Frosted Lens, Add	54.75	
			For Warm White Color Rendering, Add	70.48	
			For Polycarbonate Lens, Add	101.48	
			For 480 Volt, Add	166.01	
			For >50 To 100, Deduct	-75.55	
			For >100 To 250, Deduct	-147.13	
			For >250 To 500, Deduct	-286.32	
			For >500, Deduct	-425.51	
26 54 19 00-0013	EA		6,340 Lumens, 98 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV9L).....	3,732.97	101.23
			For Ceiling Mount, Add	17.33	
			For Quick Clip Mounting Option, Add	25.46	
			For Frosted Lens, Add	54.75	
			For Warm White Color Rendering, Add	70.48	
			For Polycarbonate Lens, Add	101.48	
			For 480 Volt, Add	166.01	
			For >50 To 100, Deduct	-97.54	
			For >100 To 250, Deduct	-190.87	
			For >250 To 500, Deduct	-373.30	
			For >500, Deduct	-555.73	
26 54 19 00-0014	EA		9,720 Lumens, 137 Watt, Pendant Mount, Class I Division 2, Hazardous Location, NEMA 4X, LED Fixture (Cooper Champ® VMV11L).....	4,283.91	107.17
			For Ceiling Mount, Add	17.33	
			For Quick Clip Mounting Option, Add	25.46	
			For Frosted Lens, Add	54.75	
			For Warm White Color Rendering, Add	70.48	
			For Polycarbonate Lens, Add	101.48	
			For 480 Volt, Add	166.01	
			For >50 To 100, Deduct	-111.56	
			For >100 To 250, Deduct	-218.66	
			For >250 To 500, Deduct	-428.39	
			For >500, Deduct	-638.12	

26 54 19 00-0015 Class I Division 1, Explosion Proof, LED Fixtures (26 54 19)

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 54 19 00-0016			Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL) <small>(26 54 19 00-0015)</small>		
			Note: Includes 5,600K CRI LED arrays, shatter resistant and explosion proof glass lens, silicone gaskets, stainless steel external hardware and powder coated aluminum housing.		
26 54 19 00-0017	EA		5,625 Lumens, 80 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL5L).....	3,723.69	89.31
			<i>For Wall Mount, Deduct</i>	-14.26	
			<i>For Warm Color Temperature LEDs, Add</i>	76.86	
			<i>For Stainless Steel Guard, Add</i>	137.97	
			<i>For Ceiling Mount, Add</i>	166.44	
			<i>For Stanchion Mount, Add</i>	193.71	
			<i>For Yoke Mount, Add</i>	484.27	
			<i>For >50 To 100, Deduct</i>	-96.81	
			<i>For >100 To 250, Deduct</i>	-189.91	
			<i>For >250 To 500, Deduct</i>	-372.37	
			<i>For >500, Deduct</i>	-554.83	
26 54 19 00-0018	EA		6,750 Lumens, 100 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL7L).....	4,529.26	95.27
			<i>For Wall Mount, Deduct</i>	-14.26	
			<i>For Warm Color Temperature LEDs, Add</i>	76.86	
			<i>For Stainless Steel Guard, Add</i>	137.97	
			<i>For Ceiling Mount, Add</i>	166.44	
			<i>For Stanchion Mount, Add</i>	193.71	
			<i>For Yoke Mount, Add</i>	484.27	
			<i>For >50 To 100, Deduct</i>	-117.20	
			<i>For >100 To 250, Deduct</i>	-230.43	
			<i>For >250 To 500, Deduct</i>	-452.93	
			<i>For >500, Deduct</i>	-675.42	
26 54 19 00-0019	EA		9,000 Lumens, 130 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL9L).....	5,262.60	101.23
			<i>For Wall Mount, Deduct</i>	-14.26	
			<i>For Warm Color Temperature LEDs, Add</i>	76.86	
			<i>For Stainless Steel Guard, Add</i>	137.97	
			<i>For Ceiling Mount, Add</i>	166.44	
			<i>For Stanchion Mount, Add</i>	193.71	
			<i>For Yoke Mount, Add</i>	484.27	
			<i>For >50 To 100, Deduct</i>	-135.78	
			<i>For >100 To 250, Deduct</i>	-267.35	
			<i>For >250 To 500, Deduct</i>	-526.26	
			<i>For >500, Deduct</i>	-785.17	
26 54 19 00-0020	EA		10,500 Lumens, 151 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL11L).....	6,009.41	107.17
			<i>For Wall Mount, Deduct</i>	-14.26	
			<i>For Warm Color Temperature LEDs, Add</i>	76.86	
			<i>For Stainless Steel Guard, Add</i>	137.97	
			<i>For Ceiling Mount, Add</i>	166.44	
			<i>For Stanchion Mount, Add</i>	193.71	
			<i>For Yoke Mount, Add</i>	484.27	
			<i>For >50 To 100, Deduct</i>	-154.70	
			<i>For >100 To 250, Deduct</i>	-304.94	
			<i>For >250 To 500, Deduct</i>	-600.94	
			<i>For >500, Deduct</i>	-896.95	
26 54 19 00-0021	EA		13,500 Lumens, 175 Watt, Pendant Mount, Class I Division 1, Explosion Proof, NEMA 4X, High Bay/Low Bay, LED Fixture (Cooper Hazard Gard® EVLL13L).....	6,964.51	103.20
			<i>For Wall Mount, Deduct</i>	-14.26	
			<i>For Warm Color Temperature LEDs, Add</i>	76.86	
			<i>For Stainless Steel Guard, Add</i>	137.97	
			<i>For Ceiling Mount, Add</i>	166.44	
			<i>For Stanchion Mount, Add</i>	193.71	
			<i>For Yoke Mount, Add</i>	484.27	
			<i>For >50 To 100, Deduct</i>	-178.83	
			<i>For >100 To 250, Deduct</i>	-352.94	
			<i>For >250 To 500, Deduct</i>	-696.45	
			<i>For >500, Deduct</i>	-1,039.96	

26 55 Special Purpose Lighting (26 50)

26 55 13 Landscape Lighting (26 55)

26 55 13 00-0001			Bollards <small>(26 55 13)</small>		
			Note: Excludes concrete base.		
26 55 13 00-0002			Aluminum Architectural Bollards <small>(26 55 13 00-0001)</small>		
26 55 13 00-0003			High Pressure Sodium, Aluminum Architectural Bollards <small>(26 55 13 00-0002)</small>		
26 55 13 00-0004			Square, High Pressure Sodium, Aluminum Architectural Bollards <small>(26 55 13 00-0003)</small>		
26 55 13 00-0005	EA		24" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,532.76	92.34
26 55 13 00-0006	EA		30" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,543.62	97.76
26 55 13 00-0007	EA		36" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,554.49	103.19
26 55 13 00-0008	EA		42" Overall Height, 6-3/4" Square, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,435.18	108.63
26 55 13 00-0009	EA		24" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,532.76	92.34
26 55 13 00-0010	EA		30" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,543.62	97.76
26 55 13 00-0011	EA		36" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,554.49	103.19
26 55 13 00-0012	EA		42" Overall Height, 6-3/4" Square, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,435.18	108.63
26 55 13 00-0013	EA		24" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard	1,532.76	92.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0014	EA		30" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,543.62	97.76
26 55 13 00-0015	EA		36" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,554.49	103.19
26 55 13 00-0016	EA		42" Overall Height, 6-3/4" Square, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,435.18	108.63
26 55 13 00-0017	EA		24" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,532.76	92.34
26 55 13 00-0018	EA		30" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,543.62	97.76
26 55 13 00-0019	EA		36" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,554.49	103.19
26 55 13 00-0020	EA		42" Overall Height, 6-3/4" Square, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,435.18	108.63
26 55 13 00-0021			Round, High Pressure Sodium, Aluminum Architectural Bollards (26 55 13 00-0003)		
26 55 13 00-0022	EA		24" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,472.99	92.34
26 55 13 00-0023	EA		30" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,483.85	97.76
26 55 13 00-0024	EA		36" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,494.72	103.19
26 55 13 00-0025	EA		42" Overall Height, 7" Diameter, 35 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,374.85	108.63
26 55 13 00-0026	EA		24" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,472.99	92.34
26 55 13 00-0027	EA		30" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,483.85	97.76
26 55 13 00-0028	EA		36" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,494.72	103.19
26 55 13 00-0029	EA		42" Overall Height, 7" Diameter, 50 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,374.85	108.63
26 55 13 00-0030	EA		24" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,472.99	92.34
26 55 13 00-0031	EA		30" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,483.85	97.76
26 55 13 00-0032	EA		36" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,494.72	103.19
26 55 13 00-0033	EA		42" Overall Height, 7" Diameter, 70 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,374.85	108.63
26 55 13 00-0034	EA		24" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,472.99	92.34
26 55 13 00-0035	EA		30" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,483.85	97.76
26 55 13 00-0036	EA		36" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,494.72	103.19
26 55 13 00-0037	EA		42" Overall Height, 7" Diameter, 100 Watt High Pressure Sodium, Aluminum Architectural Bollard.....	1,374.85	108.63
26 55 13 00-0038			Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0002)		
26 55 13 00-0039			Square, Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0003)		
26 55 13 00-0040	EA		24" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,610.38	92.34
26 55 13 00-0041	EA		30" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,621.24	97.76
26 55 13 00-0042	EA		36" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,632.11	103.19
26 55 13 00-0043	EA		42" Overall Height, 6-3/4" Square, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,512.25	108.63
26 55 13 00-0044	EA		24" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,610.38	92.34
26 55 13 00-0045	EA		30" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,621.24	97.76
26 55 13 00-0046	EA		36" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,632.11	103.19
26 55 13 00-0047	EA		42" Overall Height, 6-3/4" Square, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,512.25	108.63
26 55 13 00-0048	EA		24" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,610.38	92.34
26 55 13 00-0049	EA		30" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,621.24	97.76
26 55 13 00-0050	EA		36" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,632.11	103.19
26 55 13 00-0051	EA		42" Overall Height, 6-3/4" Square, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,577.20	108.63
26 55 13 00-0052			Round, Metal Halide, Aluminum Architectural Bollards (26 55 13 00-0038)		
26 55 13 00-0053	EA		24" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,550.06	92.34
26 55 13 00-0054	EA		30" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,560.92	97.76
26 55 13 00-0055	EA		36" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,571.79	103.19
26 55 13 00-0056	EA		42" Overall Height, 7" Diameter, 50 Watt Metal Halide, Aluminum Architectural Bollard.....	1,451.92	108.63
26 55 13 00-0057	EA		24" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,550.06	92.34
26 55 13 00-0058	EA		30" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,560.92	97.76
26 55 13 00-0059	EA		36" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,571.79	103.19
26 55 13 00-0060	EA		42" Overall Height, 7" Diameter, 70 Watt Metal Halide, Aluminum Architectural Bollard.....	1,451.92	108.63
26 55 13 00-0061	EA		24" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,550.06	92.34
26 55 13 00-0062	EA		30" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,560.92	97.76
26 55 13 00-0063	EA		36" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,571.79	103.19
26 55 13 00-0064	EA		42" Overall Height, 7" Diameter, 100 Watt Metal Halide, Aluminum Architectural Bollard.....	1,451.92	108.63
26 55 13 00-0065			Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0002)		
26 55 13 00-0066			Square, Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0065)		
26 55 13 00-0067	EA		24" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,525.96	92.34
26 55 13 00-0068	EA		30" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,536.82	97.76
26 55 13 00-0069	EA		36" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,547.69	103.19
26 55 13 00-0070	EA		42" Overall Height, 6-3/4" Square, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,429.59	108.63
26 55 13 00-0071	EA		24" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,525.96	92.34
26 55 13 00-0072	EA		30" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,536.82	97.76
26 55 13 00-0073	EA		36" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,547.69	103.19
26 55 13 00-0074	EA		42" Overall Height, 6-3/4" Square, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,429.59	108.63
26 55 13 00-0075	EA		24" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,525.96	92.34
26 55 13 00-0076	EA		30" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,536.82	97.76
26 55 13 00-0077	EA		36" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,547.69	103.19
26 55 13 00-0078	EA		42" Overall Height, 6-3/4" Square, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,429.59	108.63
26 55 13 00-0079			Round, Compact Fluorescent, Aluminum Architectural Bollards (26 55 13 00-0065)		
26 55 13 00-0080	EA		24" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,466.95	92.34
26 55 13 00-0081	EA		30" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,477.81	97.76
26 55 13 00-0082	EA		36" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,488.68	103.19
26 55 13 00-0083	EA		42" Overall Height, 7" Diameter, 26 Watt Compact Fluorescent, Aluminum Architectural Bollard.....	1,371.72	108.63

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 13 00-0084	EA		24" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,466.95	92.34
26 55 13 00-0085	EA		30" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,477.81	97.76
26 55 13 00-0086	EA		36" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,488.68	103.19
26 55 13 00-0087	EA		42" Overall Height, 7" Diameter, 32 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,371.72	108.63
26 55 13 00-0088	EA		24" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,466.95	92.34
26 55 13 00-0089	EA		30" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,477.81	97.76
26 55 13 00-0090	EA		36" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,488.68	103.19
26 55 13 00-0091	EA		42" Overall Height, 7" Diameter, 42 Watt Compact Fluorescent, Aluminum Architectural Bollard	1,371.72	108.63
26 55 13 00-0092			LED, Aluminum Architectural Bollards (26 55 13 00-0092)		
26 55 13 00-0093			Square, LED, Aluminum Architectural Bollards (26 55 13 00-0093)		
26 55 13 00-0094	EA		24" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,832.34	92.34
26 55 13 00-0095	EA		30" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,843.20	97.76
26 55 13 00-0096	EA		36" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,854.07	103.19
26 55 13 00-0097	EA		42" Overall Height, 6-3/4" Square, 12 LEDs, Aluminum Architectural Bollard	1,737.61	108.63
26 55 13 00-0098	EA		24" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,243.12	92.34
26 55 13 00-0099	EA		30" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,253.98	97.76
26 55 13 00-0100	EA		36" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,264.85	103.19
26 55 13 00-0101	EA		42" Overall Height, 6-3/4" Square, 24 LEDs, Aluminum Architectural Bollard	2,146.35	108.63
26 55 13 00-0102			Round, LED, Aluminum Architectural Bollards (26 55 13 00-0092)		
26 55 13 00-0103	EA		24" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,771.06	92.34
26 55 13 00-0104	EA		30" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,781.92	97.76
26 55 13 00-0105	EA		36" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,792.79	103.19
26 55 13 00-0106	EA		42" Overall Height, 7" Diameter, 12 LEDs, Aluminum Architectural Bollard	1,674.29	108.63
26 55 13 00-0107	EA		24" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,181.85	92.34
26 55 13 00-0108	EA		30" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,192.71	97.76
26 55 13 00-0109	EA		36" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,203.58	103.19
26 55 13 00-0110	EA		42" Overall Height, 7" Diameter, 24 LEDs, Aluminum Architectural Bollard	2,085.80	108.63
26 55 13 00-0111			Reinforced Concrete Bollards (26 55 13 00-0001)		
26 55 13 00-0112	EA		48" Overall Height, 12" Diameter, LED Light, Reinforced Concrete Bollard	1,468.01	271.57
26 55 13 00-0113	EA		58" Overall Height, 18" Diameter, High Intensity Discharge (HID) Light, Reinforced Concrete Bollard	2,611.15	362.06
26 55 13 00-0114			Low Voltage (26 55 13)		
26 55 13 00-0115	EA		Low Voltage Recessed Uplight	674.18	197.71
26 55 13 00-0116	EA		Low Voltage Walkway	468.60	108.63
26 55 13 00-0117	EA		Low Voltage Malibu - 5 Light Set	472.84	145.02
26 55 13 00-0118	EA		Low Voltage Mushroom 24" Pier	404.62	108.63
26 55 13 00-0119			Recessed, Adjustable (26 55 13)		
26 55 13 00-0120	EA		150 Watt Incandescent Recessed, Adjustable	772.58	173.81
26 55 13 00-0121	EA		300 Watt Incandescent Recessed, Adjustable	841.13	173.81
26 55 13 00-0122			Recessed, Uplight (26 55 13)		
26 55 13 00-0123	EA		50 Watt Incandescent Recessed Uplight	694.90	173.81
26 55 13 00-0124	EA		150 Watt Incandescent Recessed Uplight	708.61	173.81
26 55 13 00-0125	EA		300 Watt Incandescent Recessed Uplight	749.73	173.81
26 55 13 00-0126	EA		500 Watt Quartz Recessed Uplight	745.16	173.81
26 55 13 00-0127	EA		5 Watt, LED Recessed Uplight	1,097.50	173.81
26 55 13 00-0128	EA		15 Watt, LED Recessed Uplight	1,211.95	173.81
26 55 13 00-0129			Recessed Wall Light (26 55 13)		
26 55 13 00-0130	EA		100 Watt Incandescent Recessed Wall Light	363.49	108.63
26 55 13 00-0131	EA		100 Watt Fluorescent Recessed Wall Light	349.78	108.63
26 55 13 00-0132	EA		100 Watt High Intensity Discharge (HID) Recessed Wall Light	559.67	145.02
26 55 13 00-0133			Step Lights (26 55 13)		
26 55 13 00-0134	EA		Incandescent Step Light	297.14	86.90
26 55 13 00-0135	EA		Fluorescent Step Light	342.89	86.90
26 55 13 00-0136	EA		5 Watt, LED Step Light	604.90	86.90
26 55 13 00-0137	EA		15 Watt, LED Step Light	726.98	86.90
26 55 13 00-0138			Tree Lights, Surface Adjustable (26 55 13)		
26 55 13 00-0139	EA		50 Watt Incandescent Tree Lights	619.08	145.02
26 55 13 00-0140	EA		100 Watt Incandescent Tree Lights	632.79	145.02
26 55 13 00-0141	EA		150 Watt Incandescent Tree Lights	800.10	217.26

26 55 16 Walkway Lighting (26 55)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 16 00-0001 Incandescent Walkway <small>(26 55 16)</small>		
26 55 16 00-0002 EA Post Top 300 Watt Incandescent Walkway Fixture.....	377.25	101.03
26 55 16 00-0003 Metal Halide Walkway <small>(26 55 16)</small>		
26 55 16 00-0004 EA Post Top 100 Watt Metal Halide Walkway Fixture	580.11	158.81
26 55 16 00-0005 EA Post Top 150-175 Watt Metal Halide Walkway Fixture	614.51	164.58
26 55 16 00-0006 EA Post Top 250 Watt Metal Halide Walkway Fixture	662.97	170.87
26 55 16 00-0007 EA Post Top 400 Watt Metal Halide Walkway Fixture	709.88	184.67
26 55 16 00-0008 EA Round Luminaries 100 Watt Metal Halide Walkway Fixture	632.37	170.87
26 55 16 00-0009 EA Round Luminaries 150-175 Watt Metal Halide Walkway Fixture	638.99	158.81
26 55 16 00-0010 EA Round Luminaries 250 Watt Metal Halide Walkway Fixture	651.26	164.58
26 55 16 00-0011 EA Spherical 100 Watt Metal Halide Walkway Fixture	517.08	113.19
26 55 16 00-0012 EA Spherical 150-175 Watt Metal Halide Walkway Fixture	547.69	113.19
26 55 16 00-0013 EA Spherical 250 Watt Metal Halide Walkway Fixture	578.29	113.19
26 55 16 00-0014 EA Spherical 400 Watt Metal Halide Walkway Fixture	652.89	127.42
26 55 16 00-0015 EA Low Walkway 100 Watt Metal Halide Walkway Fixture	494.19	101.68
26 55 16 00-0016 High Pressure Sodium Walkway <small>(26 55 16)</small>		
26 55 16 00-0017 EA Post Top 100 Watt High Pressure Sodium Walkway Fixture	522.69	158.81
26 55 16 00-0018 EA Post Top 150-175 Watt High Pressure Sodium Walkway Fixture	552.09	164.58
26 55 16 00-0019 EA Post Top 250 Watt High Pressure Sodium Walkway Fixture	592.67	170.87
26 55 16 00-0020 EA Post Top 400 Watt High Pressure Sodium Walkway Fixture	635.42	184.67
26 55 16 00-0021 EA Round Luminaries 100 Watt High Pressure Sodium Walkway Fixture	568.76	170.87
26 55 16 00-0022 EA Round Luminaries 150-175 Watt High Pressure Sodium Walkway Fixture	568.69	158.81
26 55 16 00-0023 EA Round Luminaries 250 Watt High Pressure Sodium Walkway Fixture	580.80	164.58
26 55 16 00-0024 EA Spherical 100 Watt High Pressure Sodium Walkway Fixture	453.47	113.19
26 55 16 00-0025 EA Spherical 175-150-Watt High Pressure Sodium Walkway Fixture	477.39	113.19
26 55 16 00-0026 EA Spherical 250 Watt High Pressure Sodium Walkway Fixture	501.30	113.19
26 55 16 00-0027 EA Spherical 400 Watt High Pressure Sodium Walkway Fixture	565.86	127.42
26 55 16 00-0028 EA Low Walkway 100 Watt High Pressure Sodium Walkway Fixture.....	417.59	101.68
26 55 16 00-0029 Walkway, Adjustable <small>(26 55 16)</small>		
26 55 16 00-0030 EA 2' Fluorescent Adjustable Walkway Fixture	546.77	145.02
26 55 16 00-0031 EA 4' Fluorescent Adjustable Walkway Fixture	561.87	145.02
26 55 16 00-0032 EA 8' Fluorescent Adjustable Walkway Fixture	968.08	217.26
26 55 16 00-0033 EA 50 Watt Incandescent Adjustable Walkway Fixture	458.88	108.63
26 55 16 00-0034 EA 150 Watt Incandescent Adjustable Walkway Fixture	479.01	108.63
26 55 16 00-0035 LED Walkway <small>(26 55 16)</small>		
26 55 16 00-0036 LED Pathway Fixtures (CREE® BetaLED® Edge® PWY-EDG) <small>(26 55 16 00-0035)</small>		
Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 16 00-0037 EA 13" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	981.97	83.36
<i>For Multi-Level Drive Currents, Add</i>		
	267.03	
26 55 16 00-0038 EA 18" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,014.39	83.36
<i>For Multi-Level Drive Currents, Add</i>		
	267.03	
26 55 16 00-0039 EA 36" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,071.61	83.36
<i>For Multi-Level Drive Currents, Add</i>		
	267.03	
26 55 16 00-0040 EA 42" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,115.48	83.36
<i>For Multi-Level Drive Currents, Add</i>		
	267.03	
26 55 16 00-0041 EA 96" Height, 1,248 Lumens, 22 Watt, LED Pathway Fixture (CREE® BetaLED® Edge® PWY-EDG)	1,279.16	107.17
<i>For Multi-Level Drive Currents, Add</i>		
	267.03	
26 55 16 00-0042 Wall Mounted Walkway Lighting <small>(26 55 16 00-0035)</small>		
26 55 16 00-0043 EA Wall Mounted Lantern With LED Kit, No. PDEX-Bracket (Herwig P-492).....	4,341.23	
Note: Type Fixture 17 as Post		
26 55 16 00-0044 Pole Mounted Walkway Lighting <small>(26 55 16 00-0035)</small>		
26 55 16 00-0045 EA 43-1/2" Height x 19" Diameter, LED Post Lantern (Herwig AP-27).....	4,004.83	
26 55 16 00-0046 EA 12" Tapered and Fluted Post (Herwig BRA Series, BRAJ-12)	3,931.33	
Note: Washers and nuts included		
26 55 29 Underwater Lighting <small>(26 55)</small>		
26 55 29 00-0001 Underwater Lights <small>(26 55 29)</small>		
26 55 29 00-0002 EA 150 Watt, 120 Volt Underwater Lights	496.37	72.24
26 55 29 00-0003 EA 300 Watt, 120 Volt Underwater Lights	551.20	72.24
26 55 29 00-0004 EA 1,000 Watt, 120 Volt Underwater Lights	1,336.87	108.63
26 55 29 00-0005 EA 50 Watt, 12 Volt Underwater Lights	519.22	72.24
26 55 29 00-0006 EA 300 Watt, 12 Volt Underwater Lights	583.19	72.24
26 55 29 00-0007 SET Under Water Fountain Fixture, Set Of 6, 300 Watt, Incandescent.....	1,490.89	162.94
26 55 53 Security Lighting <small>(26 55)</small>		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

26 55 53 11	Security Flood Lighting <small>(26 55 53)</small>		
26 55 53 11-0001	General Electric Powerflood® Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0002	MPF (Small Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For perimeters, entrances, building facades and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. 1/2" threaded mounting knuckle.		
26 55 53 11-0003	High Pressure Sodium MPF Series GE Flood Lights <small>(26 55 53 11-0002)</small>		
26 55 53 11-0004	EA 70 Watt High Pressure Sodium MPF Series GE Flood Light	355.54	93.07
26 55 53 11-0005	EA 100 Watt High Pressure Sodium MPF Series GE Flood Light	358.92	93.07
26 55 53 11-0006	EA 150 Watt High Pressure Sodium MPF Series GE Flood Light	364.57	93.07
26 55 53 11-0007	Metal Halide MPF Series GE Flood Lights <small>(26 55 53 11-0002)</small>		
26 55 53 11-0008	EA 70 Watt Metal Halide MPF Series GE Flood Light	489.92	93.07
26 55 53 11-0009	P-154 (Small Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, building security, building facades, recreation areas and sign lighting. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0010	High Pressure Sodium P-154 Series GE Flood Lights <small>(26 55 53 11-0009)</small>		
26 55 53 11-0011	EA 70 Watt High Pressure Sodium P-154 Series GE Flood Light	734.91	124.09
26 55 53 11-0012	EA 100 Watt High Pressure Sodium P-154 Series GE Flood Light	739.43	124.09
26 55 53 11-0013	EA 150 Watt High Pressure Sodium P-154 Series GE Flood Light	747.33	124.09
26 55 53 11-0014	EA 250 Watt High Pressure Sodium P-154 Series GE Flood Light	836.55	124.09
26 55 53 11-0015	EA 400 Watt High Pressure Sodium P-154 Series GE Flood Light	862.52	124.09
26 55 53 11-0016	Metal Halide P-154 Series GE Flood Lights <small>(26 55 53 11-0009)</small>		
26 55 53 11-0017	EA 175 Watt Metal Halide P-154 Series GE Flood Light	727.00	124.09
26 55 53 11-0018	EA 250 Watt Metal Halide P-154 Series GE Flood Light	766.53	124.09
26 55 53 11-0019	EA 400 Watt Metal Halide P-154 Series GE Flood Light	786.86	124.09
26 55 53 11-0020	PF-154 (Medium Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, building security and building facades. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0021	High Pressure Sodium PF-154 Series GE Flood Lights <small>(26 55 53 11-0020)</small>		
26 55 53 11-0022	EA 70 Watt High Pressure Sodium PF-154 Series GE Flood Light	746.74	139.61
26 55 53 11-0023	EA 100 Watt High Pressure Sodium PF-154 Series GE Flood Light	752.39	139.61
26 55 53 11-0024	EA 150 Watt High Pressure Sodium PF-154 Series GE Flood Light	761.42	139.61
26 55 53 11-0025	EA 250 Watt High Pressure Sodium PF-154 Series GE Flood Light	849.51	139.61
26 55 53 11-0026	EA 400 Watt High Pressure Sodium PF-154 Series GE Flood Light	874.35	139.61
26 55 53 11-0027	Metal Halide PF-154 GE Flood Lights <small>(26 55 53 11-0020)</small>		
26 55 53 11-0028	EA 175 Watt Metal Halide PF-154 Series GE Flood Light	739.96	139.61
26 55 53 11-0029	EA 250 Watt Metal Halide PF-154 Series GE Flood Light	778.36	139.61
26 55 53 11-0030	EA 400 Watt Metal Halide PF-154 Series GE Flood Light	798.69	139.61
26 55 53 11-0031	PF-400 (Medium Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, building security, building facades, shipping yards and rail yards. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0032	High Pressure Sodium PF-400 Series GE Flood Lights <small>(26 55 53 11-0031)</small>		
26 55 53 11-0033	EA 150 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,013.25	139.61
26 55 53 11-0034	EA 200 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,092.31	139.61
26 55 53 11-0035	EA 250 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,086.66	139.61
26 55 53 11-0036	EA 400 Watt High Pressure Sodium PF-400 Series GE Flood Light	1,114.89	139.61
26 55 53 11-0037	Metal Halide PF-400 GE Flood Lights <small>(26 55 53 11-0031)</small>		
26 55 53 11-0038	EA 175 Watt Metal Halide PF-400 Series GE Flood Light	1,042.62	139.61
26 55 53 11-0039	EA 250 Watt Metal Halide PF-400 Series GE Flood Light	1,066.33	139.61
26 55 53 11-0040	EA 400 Watt Metal Halide PF-400 Series GE Flood Light	1,091.18	139.61
26 55 53 11-0041	PF-1000 (Large Size) Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, industrial yards and sports stadiums. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Formed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0042	High Pressure Sodium PF-154 Series GE Flood Lights <small>(26 55 53 11-0041)</small>		
26 55 53 11-0043	EA 750 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,381.94	155.11
26 55 53 11-0044	EA 1,000 Watt High Pressure Sodium PF-1000 Series GE Flood Light	1,381.94	155.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0045 Metal Halide PF-1000 Series GE Flood Lights <small>(26 55 53 11-0041)</small>		
26 55 53 11-0046 EA 1,000 Watt Metal Halide PF-1000 Series GE Flood Light.....	1,316.44	155.11
26 55 53 11-0047 HLU/VLU (Medium Size) FRP Series GE Flood Lights <small>(26 55 53 11-0001)</small> Note: For parking lots, industrial yards, construction sites, recreation areas and facades. Includes corrosion resistant reinforced polyester housing and thermal shock resistant lens. Hydroformed aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0048 High Pressure Sodium HLU/VLU FRP Series GE Flood Lights <small>(26 55 53 11-0047)</small>		
26 55 53 11-0049 EA 250 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,121.67	139.61
26 55 53 11-0050 EA 400 Watt High Pressure Sodium HLU/VLU FRP Series GE Flood Light	1,143.12	139.61
26 55 53 11-0051 Metal Halide HLU/VLU Series GE Flood Lights <small>(26 55 53 11-0047)</small>		
26 55 53 11-0052 EA 400 Watt Metal Halide HLU/VLU FRP Series GE Flood Light	1,134.09	139.61
26 55 53 11-0053 Accessories For Powerflood GE Flood Lights <small>(26 55 53 11-0001)</small>		
26 55 53 11-0054 EA Wireguard For Powerflood GE Flood Light	191.92	31.02
26 55 53 11-0055 EA Polycarbonate Vandal Shield For Powerflood GE Flood Light.....	108.35	31.02
26 55 53 11-0056 EA Top Visor For Powerflood Flood Light	160.30	31.02
26 55 53 11-0057 EA Top And Two Side Visors For Powerflood GE Flood Light	120.77	31.02
26 55 53 11-0058 EA Pipe Wall Mounting Bracket For Powerflood GE Flood Light.....	301.33	93.07
26 55 53 11-0059 EA Multiple Mounting Channel For Powerflood GE Flood Light	133.20	31.02
26 55 53 11-0060 EA Wall Or Flat Surface Bracket For Powerflood GE Flood Light	216.63	93.07
26 55 53 11-0061 EA Steel Angle Bracket For Powerflood GE Flood Light	226.79	93.07
26 55 53 11-0062 EA Cross Arm Adaptor For Powerflood GE Flood Light	98.19	31.02
26 55 53 11-0063 EA 120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Powerflood GE Flood Light	94.80	31.02
26 55 53 11-0064 Lithonia Contour Series Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0065 TFM (Small Size) Series Lithonia Flood Lights <small>(26 55 53 11-0064)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Faceted parabolic optics. 1/2" threaded mounting knuckle.		
26 55 53 11-0066 High Pressure Sodium TFM Series Lithonia Flood Lights <small>(26 55 53 11-0065)</small>		
26 55 53 11-0067 EA 70 Watt High Pressure Sodium TFM Series Lithonia Flood Light	674.78	124.09
26 55 53 11-0068 EA 100 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	739.99	124.09
26 55 53 11-0069 EA 150 Watt High Pressure Sodium TFM Series Lithonia Flood Light.....	803.84	124.09
26 55 53 11-0070 Metal Halide TFM Series Lithonia Flood Lights <small>(26 55 53 11-0065)</small>		
26 55 53 11-0071 EA 50 Watt Metal Halide TFM Series Lithonia Flood Light.....	883.52	124.09
26 55 53 11-0072 EA 70 Watt Metal Halide TFM Series Lithonia Flood Light.....	867.83	124.09
26 55 53 11-0073 EA 100 Watt Metal Halide TFM Series Lithonia Flood Light.....	842.53	124.09
26 55 53 11-0074 EA 175 Watt Metal Halide TFM Series Lithonia Flood Light.....	840.66	124.09
26 55 53 11-0075 Compact Fluorescent TFM Series Lithonia Flood Lights <small>(26 55 53 11-0065)</small>		
26 55 53 11-0076 EA 42 Watt Compact Fluorescent TFM Series Lithonia Flood Light.....	877.02	124.09
26 55 53 11-0077 TFL (Medium Size) Series Lithonia Flood Lights <small>(26 55 53 11-0064)</small> Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0078 High Pressure Sodium TFL Series Lithonia Flood Lights <small>(26 55 53 11-0077)</small>		
26 55 53 11-0079 EA 250 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,045.60	139.61
26 55 53 11-0080 EA 400 Watt High Pressure Sodium TFL Series Lithonia Flood Light	1,067.35	139.61
26 55 53 11-0081 Metal Halide TFL Series Lithonia Flood Lights <small>(26 55 53 11-0077)</small>		
26 55 53 11-0082 EA 175 Watt Metal Halide TFL Series Lithonia Flood Light.....	996.72	139.61
26 55 53 11-0083 EA 250 Watt Metal Halide TFL Series Lithonia Flood Light.....	996.72	139.61
26 55 53 11-0084 EA 400 Watt Metal Halide TFL Series Lithonia Flood Light.....	1,030.83	139.61
26 55 53 11-0085 TFR (Low Profile) Series Lithonia Flood Lights <small>(26 55 53 11-0064)</small> Note: For recreation areas, parking lots, building facades and car lots. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0086 High Pressure Sodium TFR Lithonia Flood Lights <small>(26 55 53 11-0085)</small>		
26 55 53 11-0087 EA 150 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,003.73	124.09
26 55 53 11-0088 EA 250 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,036.27	124.09
26 55 53 11-0089 EA 400 Watt High Pressure Sodium Horizontal TFR Series Lithonia Flood Light	1,063.47	124.09

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0090		Metal Halide TFR Lithonia Flood Lights (26 55 53 11-0085)		
26 55 53 11-0091	EA	250 Watt Metal Halide TFR Series Lithonia Flood Light	992.84	124.09
26 55 53 11-0092	EA	400 Watt Metal Halide TFR Series Lithonia Flood Light	1,025.43	124.09
26 55 53 11-0093		TFA (Large Size) Series Lithonia Flood Lights (26 55 53 11-0064) Note: For industrial yards, parking lots, construction sites, streets and recreational areas. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Anodized aluminum reflector. Yoke or slip fitter mounting.		
26 55 53 11-0094		High Pressure Sodium TFA Series Lithonia Flood Lights (26 55 53 11-0093)		
26 55 53 11-0095	EA	1,000 Watt High Pressure Sodium TFA Series Lithonia Flood Light.....	1,967.77	155.11
26 55 53 11-0096		Metal Halide TFA Series Lithonia Flood Lights (26 55 53 11-0093)		
26 55 53 11-0097	EA	400 Watt Metal Halide TFA Series Lithonia Flood Light.....	1,505.82	155.11
26 55 53 11-0098	EA	1,000 Watt Metal Halide TFA Series Lithonia Flood Light.....	1,668.85	155.11
26 55 53 11-0099		Accessories For Contour Series Lithonia Flood Lights (26 55 53 11-0064)		
26 55 53 11-0100	EA	Wireguard For Contour Series Lithonia Flood Light	164.52	31.02
26 55 53 11-0101	EA	Vandal Guard For Contour Series Lithonia Flood Light	324.54	31.02
26 55 53 11-0102	EA	Upper Visor For Contour Series Lithonia Flood Light.....	134.33	31.02
26 55 53 11-0103	EA	Full Visor For Contour Series Lithonia Flood Light	183.22	31.02
26 55 53 11-0104	EA	Pipe Wall Mounting Bracket For Contour Series Lithonia Flood Light	403.49	93.07
26 55 53 11-0105	EA	Radius Wall Bracket For Contour Series Lithonia Flood Light	316.96	93.07
26 55 53 11-0106	EA	Steel Angle Bracket For Contour Series Lithonia Flood Light.....	316.96	93.07
26 55 53 11-0107	EA	U Bolt Wall Bracket For Contour Series Lithonia Flood Light, Mounts To 2" Pipe	351.47	93.07
26 55 53 11-0108	EA	Crossarm Adapter For Horizontal Mounted Contour Lithonia Series Flood Light	157.09	31.02
26 55 53 11-0109	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Contour Lithonia Series Flood Light	123.94	31.02
26 55 53 11-0110		Eaton Flood Lights (26 55 53 11)		
26 55 53 11-0111	EA	6" x 6", 16,932 Lumens, 128 Watt, LED Flood Light (Eaton NFFLD-C40-D-UNV-66-T-CB).....	1,076.64	124.09
		For NEMA Photocontrol Option (Eaton OA/RA1016), Add	58.46	
		For >50 To 100, Deduct	-33.12	
		For >100 To 250, Deduct	-60.04	
		For >250 To 500, Deduct	-107.66	
		For >500, Deduct	-155.29	
26 55 53 11-0112	EA	16,900 Lumens, 128 Watt, NEMA 6H x 6V Wide, Trunnion Mount, 4000K CCT, Night Falcon LED Flood Light With Multi-Tap (Cooper Industries NFFLD-C40-D-UNV-66-T-CB-PER7+OA/RA1016).....	1,340.88	135.87
		For >50 To 100, Deduct	-40.32	
		For >100 To 250, Deduct	-73.84	
		For >250 To 500, Deduct	-134.09	
		For >500, Deduct	-194.34	
26 55 53 11-0113		Ruud Flood Lights (26 55 53 11)		
26 55 53 11-0114		NS (Micro) Series Ruud Flood Lights (26 55 53 11-0113) Note: Provides conventional floodlighting. 1/2" threaded mounting knuckle.		
26 55 53 11-0115		High Pressure Sodium NS Series Ruud Flood Lights (26 55 53 11-0114)		
26 55 53 11-0116	EA	35 Watt High Pressure Sodium NS Series Ruud Flood Light	441.36	93.07
26 55 53 11-0117	EA	50 Watt High Pressure Sodium NS Series Ruud Flood Light	441.36	93.07
26 55 53 11-0118	EA	70 Watt High Pressure Sodium NS Series Ruud Flood Light	441.36	93.07
26 55 53 11-0119	EA	100 Watt High Pressure Sodium NS Series Ruud Flood Light	441.36	93.07
26 55 53 11-0120	EA	150 Watt High Pressure Sodium NS Series Ruud Flood Light	441.36	93.07
26 55 53 11-0121		Metal Halide NS Series Ruud Flood Lights (26 55 53 11-0114)		
26 55 53 11-0122	EA	50 Watt Metal Halide NS Series Ruud Flood Light	504.60	93.07
26 55 53 11-0123	EA	70 Watt Metal Halide NS Series Ruud Flood Light	504.60	93.07
26 55 53 11-0124	EA	100 Watt Metal Halide NS Series Ruud Flood Light	504.60	93.07
26 55 53 11-0125		Compact Fluorescent NS Series Ruud Flood Lights (26 55 53 11-0114)		
26 55 53 11-0126	EA	13 Watt Compact Fluorescent NS Series Ruud Flood Light	375.86	93.07
26 55 53 11-0127	EA	26 Watt Compact Fluorescent NS Series Ruud Flood Light	391.67	93.07
26 55 53 11-0128	EA	32 Watt Compact Fluorescent NS Series Ruud Flood Light	396.19	93.07
26 55 53 11-0129	EA	42 Watt Compact Fluorescent NS Series Ruud Flood Light	400.71	93.07
26 55 53 11-0130		NSF/NSW/NSC (Standard, Wide And Cutoff Micro) Series Ruud Flood Lights (26 55 53 11-0113) Note: The NSF is suited for large open areas and façade applications. The NSW is suited for roadway applications, parking areas or security. The NSC is designed for parking lot and outdoor sports areas. Yoke or slip fitter mounting.		
26 55 53 11-0131		High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Lights (26 55 53 11-0130)		
26 55 53 11-0132	EA	150 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	681.24	139.61
26 55 53 11-0133	EA	250 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	721.90	139.61
26 55 53 11-0134	EA	400 Watt High Pressure Sodium NSF/NSW/NSC Series Ruud Flood Light	744.48	139.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0135 Metal Halide NSF/NSW/NSC Series Ruud Flood Lights <small>(26 55 53 11-0130)</small>		
26 55 53 11-0136 EA 175 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light.....	672.21	139.61
26 55 53 11-0137 EA 250 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light.....	676.72	139.61
26 55 53 11-0138 EA 400 Watt Metal Halide NSF/NSW/NSC Series Ruud Flood Light.....	690.28	139.61
26 55 53 11-0139 Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Lights <small>(26 55 53 11-0130)</small>		
26 55 53 11-0140 EA 70 Watt Compact Fluorescent NSF/NSW/NSC Series Ruud Flood Light.....	656.40	139.61
26 55 53 11-0141 FS (Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>		
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0142 High Pressure Sodium FS Series Ruud Flood Lights <small>(26 55 53 11-0141)</small>		
26 55 53 11-0143 EA 250 Watt High Pressure Sodium FS Series Ruud Flood Light.....	800.95	139.61
26 55 53 11-0144 EA 400 Watt High Pressure Sodium FS Series Ruud Flood Light.....	805.46	139.61
26 55 53 11-0145 EA 1,000 Watt High Pressure Sodium FS Series Ruud Flood Light.....	1,383.07	155.11
26 55 53 11-0146 Metal Halide FS Series Ruud Flood Lights <small>(26 55 53 11-0141)</small>		
26 55 53 11-0147 EA 175 Watt Metal Halide FS Series Ruud Flood Light.....	800.95	139.61
26 55 53 11-0148 EA 250 Watt Metal Halide FS Series Ruud Flood Light.....	805.46	139.61
26 55 53 11-0149 EA 400 Watt Metal Halide FS Series Ruud Flood Light.....	819.02	139.61
26 55 53 11-0150 EA 1,000 Watt Metal Halide FS Series Ruud Flood Light.....	1,234.00	155.11
26 55 53 11-0151 MFS (Mini Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>		
Note: For signs, large open areas and façade applications. Yoke or slip fitter mounting.		
26 55 53 11-0152 High Pressure Sodium MFS Series Ruud Flood Lights <small>(26 55 53 11-0151)</small>		
26 55 53 11-0153 EA 35 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	625.37	124.09
26 55 53 11-0154 EA 50 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	672.80	124.09
26 55 53 11-0155 EA 70 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	672.80	124.09
26 55 53 11-0156 EA 100 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	672.80	124.09
26 55 53 11-0157 EA 150 Watt High Pressure Sodium MFS Series Ruud Flood Light.....	672.80	124.09
26 55 53 11-0158 Metal Halide MFS Series Ruud Flood Lights <small>(26 55 53 11-0151)</small>		
26 55 53 11-0159 EA 50 Watt Metal Halide MFS Series Ruud Flood Light.....	688.61	124.09
26 55 53 11-0160 EA 70 Watt Metal Halide MFS Series Ruud Flood Light.....	688.61	124.09
26 55 53 11-0161 EA 100 Watt Metal Halide MFS Series Ruud Flood Light.....	688.61	124.09
26 55 53 11-0162 EA 175 Watt Metal Halide MFS Series Ruud Flood Light.....	663.76	124.09
26 55 53 11-0163 MCF/MPM/MPN (Mini Cutoff. Parabolic Medium And Narrow Mini Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>		
Note: The MCF is suited for parking lots, volleyball courts and tennis courts. The MPM and MPN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0164 High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Lights <small>(26 55 53 11-0163)</small>		
26 55 53 11-0165 EA 35 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	681.83	124.09
26 55 53 11-0166 EA 50 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	729.26	124.09
26 55 53 11-0167 EA 70 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	729.26	124.09
26 55 53 11-0168 EA 100 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	729.26	124.09
26 55 53 11-0169 EA 150 Watt High Pressure Sodium MCF/MPM/MPN Series Ruud Flood Light.....	729.26	124.09
26 55 53 11-0170 Metal Halide MCF/MPM/MPN Series Ruud Flood Lights <small>(26 55 53 11-0163)</small>		
26 55 53 11-0171 EA 50 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	745.07	124.09
26 55 53 11-0172 EA 70 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	745.07	124.09
26 55 53 11-0173 EA 100 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	745.07	124.09
26 55 53 11-0174 EA 175 Watt Metal Halide MCF/MPM/MPN Series Ruud Flood Light.....	720.23	124.09
26 55 53 11-0175 CF (Cutoff Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small>		
Note: The CF is suited for parking lots, volleyball courts and tennis courts. Yoke or slip fitter mounting.		
26 55 53 11-0176 High Pressure Sodium CF Series Ruud Flood Lights <small>(26 55 53 11-0175)</small>		
26 55 53 11-0177 EA 250 Watt High Pressure Sodium CF Series Ruud Flood Light.....	907.10	139.61
26 55 53 11-0178 EA 400 Watt High Pressure Sodium CF Series Ruud Flood Light.....	929.69	139.61
26 55 53 11-0179 EA 1,000 Watt High Pressure Sodium CF Series Ruud Flood Light.....	1,439.53	155.11
26 55 53 11-0180 Metal Halide CF Series Ruud Flood Lights <small>(26 55 53 11-0175)</small>		
26 55 53 11-0181 EA 175 Watt Metal Halide CF Series Ruud Flood Light.....	857.41	139.61
26 55 53 11-0182 EA 250 Watt Metal Halide CF Series Ruud Flood Light.....	861.93	139.61
26 55 53 11-0183 EA 400 Watt Metal Halide CF Series Ruud Flood Light.....	875.48	139.61
26 55 53 11-0184 EA 1,000 Watt Metal Halide CF Series Ruud Flood Light.....	1,290.46	155.11

26	Electrical
26 50	Lighting
26 55	Special Purpose Lighting

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0185		CN (Narrow Beam Cutoff Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small> Note: The CN is suited for large sports fields, building facades and signs. Yoke or slip fitter mounting.		
26 55 53 11-0186		High Pressure Sodium CN Series Ruud Flood Lights <small>(26 55 53 11-0185)</small>		
26 55 53 11-0187	EA	400 High Pressure Sodium CN Series Ruud Flood Light.....	1,177.53	155.11
26 55 53 11-0188	EA	1,000 High Pressure Sodium CN Series Ruud Flood Light.....	1,412.43	155.11
26 55 53 11-0189		Metal Halide CN Series Ruud Flood Lights <small>(26 55 53 11-0185)</small>		
26 55 53 11-0190	EA	400 Watt Metal Halide CN Series Ruud Flood Light.....	1,123.33	155.11
26 55 53 11-0191	EA	1,000 Watt Metal Halide CN Series Ruud Flood Light.....	1,263.36	155.11
26 55 53 11-0192		PM/PN (Parabolic Medium And Narrow Square) Series Ruud Flood Lights <small>(26 55 53 11-0113)</small> Note: The PM and PN are suited for flagpoles, columns and narrow signs. Yoke or slip fitter mounting.		
26 55 53 11-0193		High Pressure Sodium PM/PN Series Ruud Flood Lights <small>(26 55 53 11-0192)</small>		
26 55 53 11-0194	EA	250 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	938.72	139.61
26 55 53 11-0195	EA	400 Watt High Pressure Sodium PM/PN Series Ruud Flood Light.....	961.31	139.61
26 55 53 11-0196		Metal Halide PM/PN Series Ruud Flood Lights <small>(26 55 53 11-0192)</small>		
26 55 53 11-0197	EA	175 Watt Metal Halide PM/PN Series Ruud Flood Light.....	889.03	139.61
26 55 53 11-0198	EA	250 Watt Metal Halide PM/PN Series Ruud Flood Light.....	893.55	139.61
26 55 53 11-0199	EA	400 Watt Metal Halide PM/PN Series Ruud Flood Light.....	907.10	139.61
26 55 53 11-0200	EA	1,000 Watt Metal Halide PM/PN Series Ruud Flood Light.....	1,322.08	155.11
26 55 53 11-0201		Accessories For Ruud Flood Lighting <small>(26 55 53 11-0113)</small>		
26 55 53 11-0202	EA	Wireguard For Rudd Flood Light.....	95.93	31.02
26 55 53 11-0203	EA	Deep Baffle (Full Visor) For Rudd Flood Light.....	156.91	31.02
26 55 53 11-0204	EA	Glare Guard (Upper Visor) For Rudd Flood Light.....	111.74	31.02
26 55 53 11-0205	EA	Vandal Shield For Rudd Flood Light.....	134.33	31.02
26 55 53 11-0206	EA	Pipe Mounting Bracket For Ruud Flood Light.....	262.93	93.07
26 55 53 11-0207	EA	120/240 Volt, 277 Volt, NEMA Twistlock Photocontrol For Ruud Flood Light.....	82.38	31.02
26 55 53 11-0208		Lumark Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0209		QZ Wedge Series Quartz Lumark Flood Lights <small>(26 55 53 11-0208)</small> Note: For small outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0210	EA	500 Watt QZ Wedge Series Quartz Lumark Flood Light.....	232.33	93.07
26 55 53 11-0211		LQL Series Quartz Lumark Flood Lights <small>(26 55 53 11-0208)</small> Note: For medium size outdoor areas. Die-cast aluminum housing heat and weather resistant gaskets.		
26 55 53 11-0212	EA	1,500 Watt LQL Series Quartz Lumark Flood Light.....	298.96	93.07
26 55 53 11-0213		Kim Lighting <small>(26 55 53 11)</small>		
26 55 53 11-0214		MicroFlood® Series Kim Lighting Flood Lights <small>(26 55 53 11-0213)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0215		LED MicroFlood® Series Kim Lighting Flood Lights <small>(26 55 53 11-0214)</small>		
26 55 53 11-0216	EA	5 Watt, LED MicroFlood® Series Kim Lighting Flood Light.....	520.89	38.09
		For >50 To 100, Deduct	-14.93	
		For >100 To 250, Deduct	-27.95	
		For >250 To 500, Deduct	-52.09	
		For >500, Deduct	-76.23	
26 55 53 11-0217	EA	15 Watt, LED MicroFlood® Series Kim Lighting Flood Light.....	646.24	38.09
		For >50 To 100, Deduct	-18.06	
		For >100 To 250, Deduct	-34.22	
		For >250 To 500, Deduct	-64.62	
		For >500, Deduct	-95.03	
26 55 53 11-0218		Scarab® Series Kim Lighting Flood Lights <small>(26 55 53 11-0213)</small> Note: For signs, flags, facades and landscaping. Includes die-cast aluminum housing, corrosion resistant polyester powder finish and gasketed and tempered lens. 1/2" threaded mounting knuckle.		
26 55 53 11-0219		LED Scarab® Series Kim Lighting Accent Flood Lights <small>(26 55 53 11-0218)</small> Note: Spot or narrow style accent flood lights.		
26 55 53 11-0220	EA	6 Watt, LED Scarab® Series Kim Lighting Accent Flood Light.....	800.23	38.09
		For >50 To 100, Deduct	-21.91	
		For >100 To 250, Deduct	-41.92	
		For >250 To 500, Deduct	-80.02	
		For >500, Deduct	-118.13	
26 55 53 11-0221		CREE® BetaLED® Flood Lights <small>(26 55 53 11)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0222 Yoke Mount, Square, LED Flood Lights (CREE® BetaLED® FLD-304) <small>(26 55 53 11-0221)</small> Note: UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0223 EA 40 LEDs, 47 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	1,267.55	111.17
<i>For >50 To 100, Deduct</i>	-37.25	
<i>For >100 To 250, Deduct</i>	-68.94	
<i>For >250 To 500, Deduct</i>	-126.76	
<i>For >500, Deduct</i>	-184.57	
26 55 53 11-0224 EA 60 LEDs, 68 Watt, Yoke Mount, Square, LED Flood Light (CREE® BetaLED® FLD-304).....	1,390.54	117.35
<i>For >50 To 100, Deduct</i>	-40.63	
<i>For >100 To 250, Deduct</i>	-75.39	
<i>For >250 To 500, Deduct</i>	-139.05	
<i>For >500, Deduct</i>	-202.71	
26 55 53 11-0225 Adjustable Arm Mount, Rectangular, LED Flood Lights (CREE® BetaLED® Edge® FLD-EDG) <small>(26 55 53 11-0221)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0226 EA 20 LEDs, 26 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,096.90	104.99
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-32.67	
<i>For >100 To 250, Deduct</i>	-60.09	
<i>For >250 To 500, Deduct</i>	-109.69	
<i>For >500, Deduct</i>	-159.29	
26 55 53 11-0227 EA 40 LEDs, 47 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,389.62	111.17
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-40.30	
<i>For >100 To 250, Deduct</i>	-75.04	
<i>For >250 To 500, Deduct</i>	-138.96	
<i>For >500, Deduct</i>	-202.88	
26 55 53 11-0228 EA 60 LEDs, 68 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	1,682.36	117.35
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-47.93	
<i>For >100 To 250, Deduct</i>	-89.99	
<i>For >250 To 500, Deduct</i>	-168.24	
<i>For >500, Deduct</i>	-246.49	
26 55 53 11-0229 EA 80 LEDs, 90 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,087.62	123.52
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-58.37	
<i>For >100 To 250, Deduct</i>	-110.56	
<i>For >250 To 500, Deduct</i>	-208.76	
<i>For >500, Deduct</i>	-306.97	
26 55 53 11-0230 EA 100 LEDs, 111 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,380.35	129.70
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-65.99	
<i>For >100 To 250, Deduct</i>	-125.50	
<i>For >250 To 500, Deduct</i>	-238.04	
<i>For >500, Deduct</i>	-350.57	
26 55 53 11-0231 EA 120 LEDs, 132 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	2,673.06	135.87
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-73.62	
<i>For >100 To 250, Deduct</i>	-140.45	
<i>For >250 To 500, Deduct</i>	-267.31	
<i>For >500, Deduct</i>	-394.17	
26 55 53 11-0232 EA 140 LEDs, 157 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	3,055.44	142.05
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-83.49	
<i>For >100 To 250, Deduct</i>	-159.87	
<i>For >250 To 500, Deduct</i>	-305.54	
<i>For >500, Deduct</i>	-451.21	
26 55 53 11-0233 EA 160 LEDs, 179 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (CREE® BetaLED® Edge® FLD-EDG).....	3,348.17	148.22
<i>For 480 Volt, Add</i>	105.34	
<i>For >50 To 100, Deduct</i>	-91.12	
<i>For >100 To 250, Deduct</i>	-174.82	
<i>For >250 To 500, Deduct</i>	-334.82	
<i>For >500, Deduct</i>	-494.81	
26 55 53 11-0234 Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® Edge® FLD-EHO) <small>(26 55 53 11-0221)</small> Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0235	EA		120 LEDs, 267 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	2,560.53	135.87
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	49.03	
			<i>For 5,000K Color Temperature, Add</i>	56.24	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For 1,000mA Driver, Add</i>	188.96	
			<i>For >50 To 100, Deduct</i>	-70.81	
			<i>For >100 To 250, Deduct</i>	-134.82	
			<i>For >250 To 500, Deduct</i>	-256.05	
			<i>For >500, Deduct</i>	-377.29	
26 55 53 11-0236	EA		240 LEDs, 533 Watt, Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® Edge® FLD-EHO).....	4,370.19	166.76
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For 5,000K Color Temperature, Add</i>	56.24	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	73.38	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For 1,000mA Driver, Add</i>	188.96	
			<i>For 480 Volt, Add</i>	202.45	
			<i>For >50 To 100, Deduct</i>	-117.59	
			<i>For >100 To 250, Deduct</i>	-226.85	
			<i>For >250 To 500, Deduct</i>	-437.02	
			<i>For >500, Deduct</i>	-647.19	
26 55 53 11-0237			Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Lights (CREE® BetaLED® OSQ™) <small>(26 55 53 11-0221)</small>		
			Note: UL wet listed. Includes 3,000K or 4,000K or 5,700K color temperature, 120/277 voltage, Class 1 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 55 53 11-0238	EA		112 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-A-XXX-US-UL).....	1,476.37	135.87
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	37.20	
			<i>For Rotated Optics, Back Light Shield, Add</i>	37.20	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For >50 To 100, Deduct</i>	-43.70	
			<i>For >100 To 250, Deduct</i>	-80.61	
			<i>For >250 To 500, Deduct</i>	-147.64	
			<i>For >500, Deduct</i>	-214.66	
26 55 53 11-0239	EA		168 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-J-XXX-US-UL).....	1,582.66	135.87
			Note: Type III, IV or V medium optics only.		
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	37.20	
			<i>For Rotated Optics, Back Light Shield, Add</i>	37.20	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Type II Medium Or Type V Short Optics, Add</i>	245.16	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For >50 To 100, Deduct</i>	-46.36	
			<i>For >100 To 250, Deduct</i>	-85.93	
			<i>For >250 To 500, Deduct</i>	-158.27	
			<i>For >500, Deduct</i>	-230.61	
26 55 53 11-0240	EA		223 Watt, Direct Or Adjustable Arm Mount, Rectangular, High Output, LED Flood Light (CREE® BetaLED® OSQ™ OSQ-A-NM-XXX-S-XXX-US-UL).....	2,034.16	166.76
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Front Facing Optics, Back Light Shield, Add</i>	45.02	
			<i>For Rotated Optics, Back Light Shield, Add</i>	45.02	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For >50 To 100, Deduct</i>	-59.19	
			<i>For >100 To 250, Deduct</i>	-110.05	
			<i>For >250 To 500, Deduct</i>	-203.42	
			<i>For >500, Deduct</i>	-296.79	
26 55 53 11-0241			PlanLED Flood Lights <small>(26 55 53 11)</small>		
26 55 53 11-0242			Adjustable Arm Mount, LED Flood Lights (PlanLED WAPA) <small>(26 55 53 11-0241)</small>		
26 55 53 11-0243	EA		6,250 Lumens, 50 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP050).....	627.01	111.17
			<i>For >50 To 100, Deduct</i>	-21.23	
			<i>For >100 To 250, Deduct</i>	-36.91	
			<i>For >250 To 500, Deduct</i>	-62.70	
			<i>For >500, Deduct</i>	-88.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53 11-0244 EA 9,375 Lumens, 75 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP075).....	753.50	117.35
<i>For >50 To 100, Deduct</i>	-24.71	
<i>For >100 To 250, Deduct</i>	-43.54	
<i>For >250 To 500, Deduct</i>	-75.35	
<i>For >500, Deduct</i>	-107.16	
26 55 53 11-0245 EA 12,500 Lumens, 100 Watt, Adjustable Arm Mount, Rectangular, LED Flood Light (PlanLED WAPA WP100).....	871.64	126.61
<i>For >50 To 100, Deduct</i>	-28.12	
<i>For >100 To 250, Deduct</i>	-49.91	
<i>For >250 To 500, Deduct</i>	-87.16	
<i>For >500, Deduct</i>	-124.42	
26 55 53 11-0246 Adjustable Arm Mount, LED Sports Flood Lights (PlanLED SUFA) <small>(26 55 53 11-0241)</small>		
26 55 53 11-0247 EA 21,000 Lumens, 200 Watt, LED Sports Flood Light (PlanLED SUFA SF200).....	1,770.35	247.05
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For >50 To 100, Deduct</i>	-56.61	
<i>For >100 To 250, Deduct</i>	-100.87	
<i>For >250 To 500, Deduct</i>	-177.04	
<i>For >500, Deduct</i>	-253.20	
26 55 53 11-0248 EA 42,000 Lumens, 400 Watt, LED Sports Flood Light (PlanLED SUFA SF400).....	2,776.83	247.05
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For >50 To 100, Deduct</i>	-81.77	
<i>For >100 To 250, Deduct</i>	-151.19	
<i>For >250 To 500, Deduct</i>	-277.68	
<i>For >500, Deduct</i>	-404.17	
26 55 53 11-0249 EA 84,000 Lumens, 800 Watt, LED Sports Flood Light (PlanLED SUFA SF800).....	4,943.36	247.05
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For >50 To 100, Deduct</i>	-135.94	
<i>For >100 To 250, Deduct</i>	-259.52	
<i>For >250 To 500, Deduct</i>	-494.34	
<i>For >500, Deduct</i>	-729.15	
26 55 53 11-0250 Adjustable Arm Mount, LED High Mast Flood Lights (PlanLED MAHA) <small>(26 55 53 11-0241)</small>		
26 55 53 11-0251 EA 26,000 Lumens, 200 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA200).....	1,580.82	160.58
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For 480 Volt, Add</i>	134.89	
<i>For >50 To 100, Deduct</i>	-47.55	
<i>For >100 To 250, Deduct</i>	-87.07	
<i>For >250 To 500, Deduct</i>	-158.08	
<i>For >500, Deduct</i>	-229.09	
26 55 53 11-0252 EA 39,000 Lumens, 300 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA300).....	2,033.12	166.76
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For 480 Volt, Add</i>	108.98	
<i>For >50 To 100, Deduct</i>	-59.17	
<i>For >100 To 250, Deduct</i>	-109.99	
<i>For >250 To 500, Deduct</i>	-203.31	
<i>For >500, Deduct</i>	-296.63	
26 55 53 11-0253 EA 52,000 Lumens, 400 Watt, Adjustable Arm Mount, Rectangular, LED High Mast Flood Light (PlanLED MAHA MA400).....	2,603.70	172.93
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For 480 Volt, Add</i>	88.38	
<i>For >50 To 100, Deduct</i>	-73.74	
<i>For >100 To 250, Deduct</i>	-138.83	
<i>For >250 To 500, Deduct</i>	-260.37	
<i>For >500, Deduct</i>	-381.91	
26 55 53 12 Security Hazardous Location Flood Lights <small>(26 55 53)</small>		
<i>Note: For general to heavy industrial applications in marine and corrosive environments. Class 1 Division 2.</i>		
26 55 53 12-0001 Lithonia Hazardous Location Flood Lights <small>(26 55 53 12)</small>		
26 55 53 12-0002 HFR (Horizontally Oriented Mogul Base) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small>		
<i>Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.</i>		
26 55 53 12-0003 High Pressure Sodium HFR Series Hazardous Location Flood Lights <small>(26 55 53 12-0002)</small>		
26 55 53 12-0004 EA 150 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	994.22	124.09
26 55 53 12-0005 EA 250 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,064.23	124.09
26 55 53 12-0006 EA 400 Watt High Pressure Sodium HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	996.48	124.09
26 55 53 12-0007 Metal Halide HFR Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0002)</small>		
26 55 53 12-0008 EA 250 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,056.76	124.09
26 55 53 12-0009 EA 400 Watt Metal Halide HFR Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,023.58	124.09
26 55 53 12-0010 HFM (Medium Base) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small>		
<i>Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.</i>		

26	Electrical
26 50	Lighting
26 55	Special Purpose Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 53	12-0011		High Pressure Sodium HFM Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0010)</small>		
	26 55 53 12-0012	EA	100 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	946.09	124.09
	26 55 53 12-0013	EA	150 Watt High Pressure Sodium HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	987.87	124.09
26 55 53	12-0014		Metal Halide HFM Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0010)</small>		
	26 55 53 12-0015	EA	175 Watt Metal Halide HFM Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	833.16	124.09
26 55 53	12-0016		HFA (Large) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small>		
			Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53	12-0017		High Pressure Sodium HFA Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0016)</small>		
	26 55 53 12-0018	EA	250 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,342.41	155.11
	26 55 53 12-0019	EA	400 Watt High Pressure Sodium HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,362.74	155.11
26 55 53	12-0020		Metal Halide HFA Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0016)</small>		
	26 55 53 12-0021	EA	250 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,335.63	155.11
	26 55 53 12-0022	EA	400 Watt Metal Halide HFA Series Lithonia Class 1 Div 2 Hazardous Location Flood Light	1,362.74	155.11
26 55 53	12-0023		HFL (Medium) Series Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small>		
			Note: Includes die-cast aluminum housing, corrosion resistant polyester powder finish and thermal shock resistant lens. Precision-formed reflector. Yoke mounting.		
26 55 53	12-0024		High Pressure Sodium HFL Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0023)</small>		
	26 55 53 12-0025	EA	400 Watt High Pressure Sodium HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	990.67	139.61
26 55 53	12-0026		Metal Halide HFL Series Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0023)</small>		
	26 55 53 12-0027	EA	400 Watt Metal Halide HFL Series Lithonia Class 1 Div 2 Hazardous Location Flood Light.....	1,069.72	139.61
26 55 53	12-0028		Accessories For Lithonia Hazardous Location Flood Lights <small>(26 55 53 12-0001)</small>		
			See CSI section 26 55 53 11-0099 for accessories.		
26 55 53 13			Security High Performance Flood Lights <small>(26 55 53)</small>		
			Note: For airport aprons and parking areas.		
26 55 53	13-0001		Lithonia High Performance Flood Lights <small>(26 55 53 13)</small>		
26 55 53	13-0002		170S Series Lithonia High Performance Flood Lights <small>(26 55 53 13-0001)</small>		
			Note: Die-cast aluminum housing welded seams, stainless steel hardware, corrosion resistant polyester powder finish, and thermal and shock resistant flat lens.		
26 55 53	13-0003		High Pressure Sodium 170S Series Lithonia High Performance Flood Lights <small>(26 55 53 13-0002)</small>		
	26 55 53 13-0004	EA	250 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,335.00	186.14
	26 55 53 13-0005	EA	400 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,520.21	186.14
	26 55 53 13-0006	EA	750 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,529.24	186.14
	26 55 53 13-0007	EA	1,000 Watt High Pressure Sodium 170S Series Lithonia High Performance Flood Light	2,811.57	186.14
26 55 53	13-0008		Metal Halide 170S Series Lithonia High Performance Flood Lights <small>(26 55 53 13-0002)</small>		
	26 55 53 13-0009	EA	320 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,694.12	186.14
	26 55 53 13-0010	EA	350 Watt Metal Halide 170S Series Lithonia High Performance Flood Light.....	2,568.88	186.14
	26 55 53 13-0011	EA	400 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,450.19	186.14
	26 55 53 13-0012	EA	1,000 Watt Metal Halide 170S Series Lithonia High Performance Flood Light	2,567.64	186.14
26 55 53	13-0013		Accessories For Lithonia High Performance Flood Lights <small>(26 55 53 13-0002)</small>		
			See CSI section 26 55 53 11-0099 for accessories.		
26 55 61			Theatrical Lighting <small>(26 55)</small>		
26 55 61	00-0001		Stage Lighting <small>(26 55 61)</small>		
	26 55 61 00-0002	EA	Ellipsoidal Spotlight, Two 6" x 9" Lenses	611.44	131.98
			Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
	26 55 61 00-0003	EA	Ellipsoidal Spotlight, Two 6" x 12" Lenses	611.44	131.98
			Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
	26 55 61 00-0004	EA	Ellipsoidal Spotlight, Two 6" x 16" Lenses	611.44	131.98
			Note: Stainless steel shutter blades, complete with color frame, c-clamp, safety cable, 20 amperes, 3 watts ground, male pin connector and high performance lamp.		
	26 55 61 00-0005	EA	Ellipsoidal Spotlight, 15-30 Degree Zoom (Strand #11411).....	1,251.48	131.98
	26 55 61 00-0006	EA	14" Scoop Floodlight Altman #SC14.....	631.74	131.98

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 61 00-0007 EA 6" Diameter Fresnel Spotlight, Spherical Specular Alzak1 Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, c-clamp, safety cable, color frame, male pin connector and lamp.	494.27	131.98
26 55 61 00-0008 EA 8" Diameter Fresnel Spotlight, Spherical Specular Alzak Note: Reflector, heat resistant fresnel lens, slidefocus flood to spot, complete with yoke, C-clamp, safety cable, color frame, male pin connector and lamp.	822.29	131.98
26 55 61 00-0009 EA 6" Diameter, 1000 Watt Fresnel Spotlight (Strand #12081).....	1,112.22	131.98
26 55 61 00-0010 EA Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,188.61	131.98
26 55 61 00-0011 EA Follow Spotlight With Steel Chassis And Lightweight Note: Aluminum housing, includes lamp adjustment plate, ballast, electronic power supply, stepdown transformer, silent lamp fan, dowser, iris and clipper, rear lens control, coated lenses, six color boomerang, color fan, 34" x 34" castered stand.	2,641.00	131.98
26 55 61 00-0012 EA 1000 Watt Follow Spotlight With Stand Altman 1000Q.....	3,536.67	131.98
26 55 61 00-0013 EA 300 To 1000 Watt, PAR 64 Can Lighting With 20 Gauge Sheet Steel..... Note: Formed lamp housing, hinged and latched rear housing secured by retention ring, safety cable, safety screen, PAR 64 lamp, male pin connector.	448.75	131.98
26 55 61 00-0014 LF 300 Watt Borderlight Sections Note: With continuous 5-3/4" x 6-3/4" housing, supported by wired on 3 or 4 circuits. Altman R40.	230.18	22.03
26 55 61 00-0015 EA Dimmer Rack, Strand # CD80 SV.....	14,228.40	198.47
26 55 61 00-0016 EA Control Modules, 12x2.4W Twist Lock Out Strand # CD-80, 73210.....	8,034.22	99.24
26 55 61 00-0017 EA Control Modules, 12x2.4W Stage Pin Out Strand # CD-80, 73211.....	7,529.35	99.24
26 55 61 00-0018 EA Control Modules, 12x2.4W Terminal Strip Out Strand # CD-80, 73214.....	8,161.78	99.24
26 55 61 00-0019 EA Control Modules, 6x6 W Terminal Strip Out Strand # CD-80, 73224.....	8,134.44	99.24
26 55 61 00-0020 EA Dimmer Modules, 2x2.4 W Dimmer Module Strand # CD-80, 3-081060010 Or 73214.....	1,010.87	49.62
26 55 61 00-0021 EA Entrance Station Strand # 63021.....	871.61	49.62
26 55 61 00-0022 EA Stage Manager Panel Strand # 63030.....	1,794.18	99.24
26 55 61 00-0023 EA Control Console, Mantrix MX 24 Strand # 64125.....	6,462.85	198.47
26 55 61 00-0024 EA 6' Length, Multi-Lamp Compartmented Striplighting Luminaire Note: With continuous sheet steel housing, supported by 1-1/2" x 3/16" steel yoke with C-clamp, includes 30 lights per section wired on 3 circuits, alzak aluminum reflector with matte finish.	1,662.30	131.98
26 55 61 00-0025 EA 1,000 Watt, 25 To 125' Throw, Follow Spotlight (Times Square Lighting QF1000S).....	2,847.76	131.98
26 55 68 Athletic Field Lighting (26 55)		
26 55 68 00-0001 Sports Lighting System (26 55 68) Note: Musco.		
26 55 68 00-0002 Round Steel Tapered Poles (26 55 68 00-0001) Note: With Internal wiring harness.		
26 55 68 00-0003 EA 20' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	3,901.82	595.64
26 55 68 00-0004 EA 25' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	4,694.20	719.73
26 55 68 00-0005 EA 30' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	5,299.31	781.78
26 55 68 00-0006 EA 35' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	5,807.26	812.80
26 55 68 00-0007 EA 40' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	7,336.91	843.83
26 55 68 00-0008 EA 45' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	8,402.12	1,029.97
26 55 68 00-0009 EA 50' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	9,033.58	1,092.02
26 55 68 00-0010 EA 55' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	10,261.60	1,240.93
26 55 68 00-0011 EA 60' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	11,654.23	1,396.04
26 55 68 00-0012 EA 65' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	12,861.84	1,526.30
26 55 68 00-0013 EA 70' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	14,015.85	1,705.86
26 55 68 00-0014 EA 75' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	15,263.55	1,915.35
26 55 68 00-0015 EA 80' Steel Tapered Pole With Precast Concrete Foundation Sleeve.....	17,073.30	2,304.41
26 55 68 00-0016 Steel Pole Brackets (26 55 68 00-0001)		
26 55 68 00-0017 EA Two Light Bracket.....	664.71	62.05
26 55 68 00-0018 EA Three Light Bracket.....	834.47	86.86
26 55 68 00-0019 EA Four Light Bracket.....	1,209.58	105.48
26 55 68 00-0020 EA Five Light Bracket.....	1,375.40	124.09
26 55 68 00-0021 EA Six Light Bracket.....	1,670.69	142.71
26 55 68 00-0022 EA Seven Light Bracket.....	1,913.14	161.32
26 55 68 00-0023 EA Eight Light Bracket.....	2,188.74	186.14
26 55 68 00-0024 EA Nine Light Bracket.....	2,474.36	204.76
26 55 68 00-0025 Light Fixtures (26 55 68 00-0001)		
26 55 68 00-0026 EA 120 or 270 Volt, Sportlite Fixtures Complete with 1,000 Watt Metal Halide Lamp, Hook Cord And Plug For 1,500 Watt Metal Halide Lamp, Add	1,342.59 14.82	
26 55 68 00-0027 Electrical Component Enclosure (26 55 68 00-0001)		
Note: Pole mounted NEMA 3R enclosure with thermal magnetic breaker and multiple ballasts to match total light fixtures. For light structures with more than 6 lights, use multiple enclosures.		
26 55 68 00-0028 EA Electrical Component Enclosure For 2 Lights, Pole Mounted.....	978.81	70.60
26 55 68 00-0029 EA Electrical Component Enclosure For 3 Lights, Pole Mounted.....	1,468.06	108.63
26 55 68 00-0030 EA Electrical Component Enclosure For 4 Lights, Pole Mounted.....	1,685.07	135.78
26 55 68 00-0031 EA Electrical Component Enclosure For 5 Lights, Pole Mounted.....	2,180.36	152.08
26 55 68 00-0032 EA Electrical Component Enclosure For 6 Lights, Pole Mounted.....	2,453.22	162.94
26 55 68 00-0033 Accessories (26 55 68 00-0001)		

26	Electrical
26 50	Lighting
26 55	Special Purpose Lighting

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 55 68 00-0034	EA		Time Delay Kit (Musco®).....	958.06	217.65
26 55 68 00-0035	EA		Remote Switch Box Push Button (Musco®).....	2,003.58	217.65
26 55 68 00-0036	EA		Push Button Strobe Kit (Musco®).....	2,421.79	217.65
26 55 68 00-0037	EA		Additional Control-Link Unit (Musco®).....	11,761.14	652.96
26 55 68 00-0038	EA		Auxiliary Brackets For Speakers Or Egress Fixtures, For New Installations (Musco®).....	1,262.78	108.63
26 55 68 00-0039	EA		Auxiliary Brackets For Speakers Or Egress Fixtures, For Retrofit Applications (Musco®).....	1,480.03	217.26
26 55 70 Healthcare Lighting (26 55)					
26 55 70 00-0001 Surgical Lighting Fixtures (26 55 70)					
26 55 70 00-0002	EA		Surgical Lighting Fixture, 120 Volt, Max Va 126, 100 Volt Halogen.....	5,717.99	
26 55 70 00-0003	EA		Install Owner Furnished Surgical Lights.....	637.07	
26 55 70 00-0004 Patient Care Fluorescent Fixtures (26 55 70)					
26 55 70 00-0005 Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) (26 55 70 00-0004)					
Note: Includes ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.					
26 55 70 00-0006	EA		2' x 2', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE).....	1,423.90	49.97
26 55 70 00-0007	EA		2' x 4', 3 T8 Ambient Lamps, 2 T8 Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MAE).....	1,572.83	49.97
26 55 70 00-0008	EA		2' x 4', 2 Biax Ambient Lamps, 4 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR2).....	1,277.26	49.97
26 55 70 00-0009 Reading, Ambient And Exam Combination, Patient Care Fluorescent Fixtures (Cooper Fail-Safe) (26 55 70 00-0004)					
Note: Includes reading, ambient and exam lights, 20 gauge steel housing with powder coated finish, acrylic diffuser and electronic ballast.					
26 55 70 00-0010	EA		2' x 4', 1 Biax Reading Lamp, 2 Biax Ambient Lamps, 3 Biax Exam Lamps, Multi-Function Patient Care Fluorescent Troffer (Cooper MPR).....	1,412.65	49.97
26 55 70 00-0011 Multi-Function Patient Care Fluorescent Fixtures (Day-Brite MPC) (26 55 70 00-0004)					
Note: Includes reading, ambient, exam and nurses light, steel housing with baked enamel finish, acrylic diffuser and electronic ballasts.					
26 55 70 00-0012	EA		2' x 4', 6 40W T5 Lamps, Multi-Function Patient Care Fluorescent Fixture (Day-Brite MPC).....	2,148.67	49.97
26 56 Exterior Lighting (26 50)					
26 56 13 Lighting Poles and Standards (26 56)					
26 56 13 00-0001 Poles And Standards (26 56 13)					
See CSI section 26 05 46 00-0001 for additional pole.					
26 56 13 00-0002 Roadway Light Poles (26 56 13 00-0001)					
Note: Excludes lighting fixtures.					
26 56 13 00-0003 Steel Roadway Light Poles (26 56 13 00-0002)					
Note: Includes prime painted finish, anchor bolts, steel base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).					
26 56 13 00-0004 Round Tapered, Steel Roadway Light Poles (26 56 13 00-0003)					
26 56 13 00-0005 Round Tapered, Steel Roadway Light Poles With Upsweep Style Arms (26 56 13 00-0004)					
26 56 13 00-0006 Round Tapered, Steel Roadway Light Poles With Single Upsweep Style Arm (26 56 13 00-0005)					
26 56 13 00-0007	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,348.24	372.28
			For Galvanized Finish, Add.....	78.11	
			For >10 To 20, Deduct.....	-83.71	
			For >20 To 40, Deduct.....	-167.41	
			For >40, Deduct.....	-269.73	
26 56 13 00-0008	EA		20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,354.67	372.28
			For Galvanized Finish, Add.....	78.30	
			For >10 To 20, Deduct.....	-83.87	
			For >20 To 40, Deduct.....	-167.73	
			For >40, Deduct.....	-270.21	
26 56 13 00-0009	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,640.98	496.37
			For Galvanized Finish, Add.....	79.45	
			For >10 To 20, Deduct.....	-91.02	
			For >20 To 40, Deduct.....	-182.05	
			For >40, Deduct.....	-297.89	
26 56 13 00-0010	EA		25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,718.36	496.37
			For Galvanized Finish, Add.....	81.77	
			For >10 To 20, Deduct.....	-92.96	
			For >20 To 40, Deduct.....	-185.92	
			For >40, Deduct.....	-303.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0011 EA 25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,795.74	496.37
For Galvanized Finish, Add	84.09	
For >10 To 20, Deduct	-94.89	
For >20 To 40, Deduct	-189.79	
For >40, Deduct	-309.50	
26 56 13 00-0012 EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	3,936.14	558.41
For Galvanized Finish, Add	84.58	
For >10 To 20, Deduct	-98.40	
For >20 To 40, Deduct	-196.81	
For >40, Deduct	-323.13	
26 56 13 00-0013 EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	3,972.84	558.41
For Galvanized Finish, Add	85.68	
For >10 To 20, Deduct	-99.32	
For >20 To 40, Deduct	-198.64	
For >40, Deduct	-325.88	
26 56 13 00-0014 EA 30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,979.82	558.41
For Galvanized Finish, Add	85.89	
For >10 To 20, Deduct	-99.50	
For >20 To 40, Deduct	-198.99	
For >40, Deduct	-326.41	
26 56 13 00-0015 EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	4,172.12	589.44
For Galvanized Finish, Add	89.80	
For >10 To 20, Deduct	-104.30	
For >20 To 40, Deduct	-208.61	
For >40, Deduct	-342.38	
26 56 13 00-0016 EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	4,199.84	589.44
For Galvanized Finish, Add	90.63	
For >10 To 20, Deduct	-105.00	
For >20 To 40, Deduct	-209.99	
For >40, Deduct	-344.46	
26 56 13 00-0017 EA 35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,230.10	589.44
For Galvanized Finish, Add	91.54	
For >10 To 20, Deduct	-105.75	
For >20 To 40, Deduct	-211.51	
For >40, Deduct	-346.73	
26 56 13 00-0018 EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	4,834.26	620.46
For Galvanized Finish, Add	107.80	
For >10 To 20, Deduct	-120.86	
For >20 To 40, Deduct	-241.71	
For >40, Deduct	-393.59	
26 56 13 00-0019 EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	4,844.13	620.46
For Galvanized Finish, Add	108.10	
For >10 To 20, Deduct	-121.10	
For >20 To 40, Deduct	-242.21	
For >40, Deduct	-394.33	
26 56 13 00-0020 EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,853.88	620.46
For Galvanized Finish, Add	108.39	
For >10 To 20, Deduct	-121.35	
For >20 To 40, Deduct	-242.69	
For >40, Deduct	-395.06	
26 56 13 00-0021 Round Tapered, Steel Roadway Light Poles With Two Upsweep Style Arms <small>(26 56 13 00-0005)</small>		
26 56 13 00-0022 EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,174.63	434.32
For Galvanized Finish, Add	99.18	
For >10 To 20, Deduct	-104.37	
For >20 To 40, Deduct	-208.73	
For >40, Deduct	-334.81	
26 56 13 00-0023 EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,247.01	449.84
For Galvanized Finish, Add	100.42	
For >10 To 20, Deduct	-106.18	
For >20 To 40, Deduct	-212.35	
For >40, Deduct	-341.02	
26 56 13 00-0024 EA 20' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,309.18	465.34
For Galvanized Finish, Add	101.35	
For >10 To 20, Deduct	-107.73	
For >20 To 40, Deduct	-215.46	
For >40, Deduct	-346.46	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0025	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,154.76	558.41
			<i>For Galvanized Finish, Add</i>	91.14	
			<i>For >10 To 20, Deduct</i>	-103.87	
			<i>For >20 To 40, Deduct</i>	-207.74	
			<i>For >40, Deduct</i>	-339.53	
26 56	13 00-0026	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,202.19	573.93
			<i>For Galvanized Finish, Add</i>	91.63	
			<i>For >10 To 20, Deduct</i>	-105.05	
			<i>For >20 To 40, Deduct</i>	-210.11	
			<i>For >40, Deduct</i>	-343.86	
26 56	13 00-0027	EA	25' High, 5.9" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,239.86	589.44
			<i>For Galvanized Finish, Add</i>	91.83	
			<i>For >10 To 20, Deduct</i>	-106.00	
			<i>For >20 To 40, Deduct</i>	-211.99	
			<i>For >40, Deduct</i>	-347.46	
26 56	13 00-0028	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,481.50	620.46
			<i>For Galvanized Finish, Add</i>	97.22	
			<i>For >10 To 20, Deduct</i>	-112.04	
			<i>For >20 To 40, Deduct</i>	-224.08	
			<i>For >40, Deduct</i>	-367.14	
26 56	13 00-0029	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,522.50	635.98
			<i>For Galvanized Finish, Add</i>	97.52	
			<i>For >10 To 20, Deduct</i>	-113.06	
			<i>For >20 To 40, Deduct</i>	-226.13	
			<i>For >40, Deduct</i>	-370.99	
26 56	13 00-0030	EA	30' High, 6.6" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,559.84	651.49
			<i>For Galvanized Finish, Add</i>	97.71	
			<i>For >10 To 20, Deduct</i>	-114.00	
			<i>For >20 To 40, Deduct</i>	-227.99	
			<i>For >40, Deduct</i>	-374.56	
26 56	13 00-0031	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	4,755.84	651.49
			<i>For Galvanized Finish, Add</i>	103.59	
			<i>For >10 To 20, Deduct</i>	-118.90	
			<i>For >20 To 40, Deduct</i>	-237.79	
			<i>For >40, Deduct</i>	-389.26	
26 56	13 00-0032	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	4,829.77	667.00
			<i>For Galvanized Finish, Add</i>	104.87	
			<i>For >10 To 20, Deduct</i>	-120.74	
			<i>For >20 To 40, Deduct</i>	-241.49	
			<i>For >40, Deduct</i>	-395.58	
26 56	13 00-0033	EA	35' High, 7.3" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	4,901.48	682.51
			<i>For Galvanized Finish, Add</i>	106.09	
			<i>For >10 To 20, Deduct</i>	-122.54	
			<i>For >20 To 40, Deduct</i>	-245.07	
			<i>For >40, Deduct</i>	-401.74	
26 56	13 00-0034	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base	5,379.84	682.51
			<i>For Galvanized Finish, Add</i>	120.44	
			<i>For >10 To 20, Deduct</i>	-134.50	
			<i>For >20 To 40, Deduct</i>	-268.99	
			<i>For >40, Deduct</i>	-437.61	
26 56	13 00-0035	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base	5,417.29	698.02
			<i>For Galvanized Finish, Add</i>	120.64	
			<i>For >10 To 20, Deduct</i>	-135.43	
			<i>For >20 To 40, Deduct</i>	-270.86	
			<i>For >40, Deduct</i>	-441.20	
26 56	13 00-0036	EA	40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base	5,454.98	713.54
			<i>For Galvanized Finish, Add</i>	120.84	
			<i>For >10 To 20, Deduct</i>	-136.37	
			<i>For >20 To 40, Deduct</i>	-272.75	
			<i>For >40, Deduct</i>	-444.80	
26 56	13 00-0037		Round Tapered, Steel Roadway Light Poles With Three Upsweep Style Arms <i>(26 56 13 00-0005)</i>		
26 56	13 00-0038	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base	4,886.59	620.46
			<i>For Galvanized Finish, Add</i>	109.37	
			<i>For >10 To 20, Deduct</i>	-122.16	
			<i>For >20 To 40, Deduct</i>	-244.33	
			<i>For >40, Deduct</i>	-397.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0039 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,955.17	651.49
For Galvanized Finish, Add	109.57	
For >10 To 20, Deduct	-123.88	
For >20 To 40, Deduct	-247.76	
For >40, Deduct	-404.21	
26 56 13 00-0040 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,033.51	682.51
For Galvanized Finish, Add	110.05	
For >10 To 20, Deduct	-125.84	
For >20 To 40, Deduct	-251.68	
For >40, Deduct	-411.64	
26 56 13 00-0041 EA 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	5,174.09	682.51
For Galvanized Finish, Add	114.27	
For >10 To 20, Deduct	-129.35	
For >20 To 40, Deduct	-258.70	
For >40, Deduct	-422.18	
26 56 13 00-0042 EA 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,245.78	713.54
For Galvanized Finish, Add	114.56	
For >10 To 20, Deduct	-131.14	
For >20 To 40, Deduct	-262.29	
For >40, Deduct	-429.11	
26 56 13 00-0043 EA 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,314.36	744.56
For Galvanized Finish, Add	114.76	
For >10 To 20, Deduct	-132.86	
For >20 To 40, Deduct	-265.72	
For >40, Deduct	-435.80	
26 56 13 00-0044 EA 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	5,503.75	713.54
For Galvanized Finish, Add	122.30	
For >10 To 20, Deduct	-137.59	
For >20 To 40, Deduct	-275.19	
For >40, Deduct	-448.46	
26 56 13 00-0045 EA 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,572.33	744.56
For Galvanized Finish, Add	122.50	
For >10 To 20, Deduct	-139.31	
For >20 To 40, Deduct	-278.62	
For >40, Deduct	-455.15	
26 56 13 00-0046 EA 35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	5,640.93	775.58
For Galvanized Finish, Add	122.69	
For >10 To 20, Deduct	-141.02	
For >20 To 40, Deduct	-282.05	
For >40, Deduct	-461.85	
26 56 13 00-0047 EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	5,925.43	744.56
For Galvanized Finish, Add	133.09	
For >10 To 20, Deduct	-148.14	
For >20 To 40, Deduct	-296.27	
For >40, Deduct	-481.64	
26 56 13 00-0048 EA 40' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,993.68	775.58
For Galvanized Finish, Add	133.28	
For >10 To 20, Deduct	-149.84	
For >20 To 40, Deduct	-299.68	
For >40, Deduct	-488.31	
26 56 13 00-0049 EA 40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	6,068.81	806.61
For Galvanized Finish, Add	133.67	
For >10 To 20, Deduct	-151.72	
For >20 To 40, Deduct	-303.44	
For >40, Deduct	-495.49	
26 56 13 00-0050 Round Tapered, Steel Roadway Light Poles With Four Upsweep Style Arms <small>(26 56 13 00-0005)</small>		
26 56 13 00-0051 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,435.39	682.51
For Galvanized Finish, Add	122.11	
For >10 To 20, Deduct	-135.88	
For >20 To 40, Deduct	-271.77	
For >40, Deduct	-441.78	
26 56 13 00-0052 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,538.21	729.04
For Galvanized Finish, Add	122.40	
For >10 To 20, Deduct	-138.46	
For >20 To 40, Deduct	-276.91	
For >40, Deduct	-451.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0053	EA	25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,637.71	775.58
			<i>For Galvanized Finish, Add</i>	122.60	
			<i>For >10 To 20, Deduct</i>	-140.94	
			<i>For >20 To 40, Deduct</i>	-281.89	
			<i>For >40, Deduct</i>	-461.61	
26 56	13 00-0054	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	5,762.90	744.56
			<i>For Galvanized Finish, Add</i>	128.21	
			<i>For >10 To 20, Deduct</i>	-144.07	
			<i>For >20 To 40, Deduct</i>	-288.15	
			<i>For >40, Deduct</i>	-469.45	
26 56	13 00-0055	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	5,862.85	791.09
			<i>For Galvanized Finish, Add</i>	128.42	
			<i>For >10 To 20, Deduct</i>	-146.57	
			<i>For >20 To 40, Deduct</i>	-293.14	
			<i>For >40, Deduct</i>	-479.27	
26 56	13 00-0056	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	5,925.10	837.63
			<i>For Galvanized Finish, Add</i>	127.50	
			<i>For >10 To 20, Deduct</i>	-148.13	
			<i>For >20 To 40, Deduct</i>	-296.26	
			<i>For >40, Deduct</i>	-486.26	
26 56	13 00-0057	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,196.23	775.58
			<i>For Galvanized Finish, Add</i>	139.35	
			<i>For >10 To 20, Deduct</i>	-154.91	
			<i>For >20 To 40, Deduct</i>	-309.81	
			<i>For >40, Deduct</i>	-503.50	
26 56	13 00-0058	EA	35' High, 9.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,340.29	822.11
			<i>For Galvanized Finish, Add</i>	140.88	
			<i>For >10 To 20, Deduct</i>	-158.51	
			<i>For >20 To 40, Deduct</i>	-317.01	
			<i>For >40, Deduct</i>	-516.63	
26 56	13 00-0059	EA	35' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,398.88	868.65
			<i>For Galvanized Finish, Add</i>	139.85	
			<i>For >10 To 20, Deduct</i>	-159.97	
			<i>For >20 To 40, Deduct</i>	-319.94	
			<i>For >40, Deduct</i>	-523.35	
26 56	13 00-0060	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base	6,470.68	806.61
			<i>For Galvanized Finish, Add</i>	145.72	
			<i>For >10 To 20, Deduct</i>	-161.77	
			<i>For >20 To 40, Deduct</i>	-323.53	
			<i>For >40, Deduct</i>	-525.63	
26 56	13 00-0061	EA	40' High, 10.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base	6,570.18	853.14
			<i>For Galvanized Finish, Add</i>	145.92	
			<i>For >10 To 20, Deduct</i>	-164.25	
			<i>For >20 To 40, Deduct</i>	-328.51	
			<i>For >40, Deduct</i>	-535.42	
26 56	13 00-0062	EA	40' High, 10.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base	6,673.00	899.68
			<i>For Galvanized Finish, Add</i>	146.21	
			<i>For >10 To 20, Deduct</i>	-166.83	
			<i>For >20 To 40, Deduct</i>	-333.65	
			<i>For >40, Deduct</i>	-545.46	
26 56	13 00-0063		Round Tapered, Steel Roadway Light Poles With Davit Style Arm <small>(26 56 13 00-0004)</small>		
26 56	13 00-0064		Round Tapered, Steel Roadway Light Poles With Single Davit Style Arm <small>(26 56 13 00-0063)</small>		
26 56	13 00-0065	EA	25' High, 6.4" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	3,880.44	496.37
			<i>For Galvanized Finish, Add</i>	86.63	
			<i>For >10 To 20, Deduct</i>	-97.01	
			<i>For >20 To 40, Deduct</i>	-194.02	
			<i>For >40, Deduct</i>	-315.85	
26 56	13 00-0066	EA	30' High, 7.1" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,391.56	558.41
			<i>For Galvanized Finish, Add</i>	98.24	
			<i>For >10 To 20, Deduct</i>	-109.79	
			<i>For >20 To 40, Deduct</i>	-219.58	
			<i>For >40, Deduct</i>	-357.29	
26 56	13 00-0067	EA	35' High, 7.8" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base	4,507.48	589.44
			<i>For Galvanized Finish, Add</i>	99.86	
			<i>For >10 To 20, Deduct</i>	-112.69	
			<i>For >20 To 40, Deduct</i>	-225.37	
			<i>For >40, Deduct</i>	-367.53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0068 EA 40' High, 9.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 6.5' Davit Style Arm, Anchor Base.....	5,396.10	620.46
For Galvanized Finish, Add	124.66	
For >10 To 20, Deduct	-134.90	
For >20 To 40, Deduct	-269.81	
For >40, Deduct	-435.73	
26 56 13 00-0069 Round Tapered, Steel Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0004)</small>		
26 56 13 00-0070 Round Tapered, Steel Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0069)</small>		
26 56 13 00-0071 EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	5,036.39	496.37
For Galvanized Finish, Add	121.31	
For >10 To 20, Deduct	-125.91	
For >20 To 40, Deduct	-251.82	
For >40, Deduct	-402.55	
26 56 13 00-0072 EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,085.94	496.37
For Galvanized Finish, Add	122.80	
For >10 To 20, Deduct	-127.15	
For >20 To 40, Deduct	-254.30	
For >40, Deduct	-406.26	
26 56 13 00-0073 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,108.56	496.37
For Galvanized Finish, Add	123.47	
For >10 To 20, Deduct	-127.71	
For >20 To 40, Deduct	-255.43	
For >40, Deduct	-407.96	
26 56 13 00-0074 EA 30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	5,210.04	558.41
For Galvanized Finish, Add	122.80	
For >10 To 20, Deduct	-130.25	
For >20 To 40, Deduct	-260.50	
For >40, Deduct	-418.67	
26 56 13 00-0075 EA 30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,218.69	558.41
For Galvanized Finish, Add	123.06	
For >10 To 20, Deduct	-130.47	
For >20 To 40, Deduct	-260.93	
For >40, Deduct	-419.32	
26 56 13 00-0076 EA 30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,308.04	558.41
For Galvanized Finish, Add	125.74	
For >10 To 20, Deduct	-132.70	
For >20 To 40, Deduct	-265.40	
For >40, Deduct	-426.02	
26 56 13 00-0077 EA 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	5,301.46	589.44
For Galvanized Finish, Add	123.68	
For >10 To 20, Deduct	-132.54	
For >20 To 40, Deduct	-265.07	
For >40, Deduct	-427.08	
26 56 13 00-0078 EA 35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,353.79	589.44
For Galvanized Finish, Add	125.25	
For >10 To 20, Deduct	-133.84	
For >20 To 40, Deduct	-267.69	
For >40, Deduct	-431.01	
26 56 13 00-0079 EA 35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,628.17	589.44
For Galvanized Finish, Add	133.48	
For >10 To 20, Deduct	-140.70	
For >20 To 40, Deduct	-281.41	
For >40, Deduct	-451.58	
26 56 13 00-0080 Round Tapered, Steel Roadway Light Poles With Two Truss Style Arms <small>(26 56 13 00-0069)</small>		
26 56 13 00-0081 EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,602.93	620.46
For Galvanized Finish, Add	160.86	
For >10 To 20, Deduct	-165.07	
For >20 To 40, Deduct	-330.15	
For >40, Deduct	-526.24	
26 56 13 00-0082 EA 25' High, 6.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,712.42	651.49
For Galvanized Finish, Add	162.28	
For >10 To 20, Deduct	-167.81	
For >20 To 40, Deduct	-335.62	
For >40, Deduct	-536.01	
26 56 13 00-0083 EA 25' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	6,960.72	682.51
For Galvanized Finish, Add	167.87	
For >10 To 20, Deduct	-174.02	
For >20 To 40, Deduct	-348.04	
For >40, Deduct	-556.18	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0084	EA	30' High, 7.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,699.53	682.51
			<i>For Galvanized Finish, Add</i>	160.04	
			<i>For >10 To 20, Deduct</i>	-167.49	
			<i>For >20 To 40, Deduct</i>	-334.98	
			<i>For >40, Deduct</i>	-536.59	
26 56	13 00-0085	EA	30' High, 7.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	7,006.69	713.54
			<i>For Galvanized Finish, Add</i>	167.39	
			<i>For >10 To 20, Deduct</i>	-175.17	
			<i>For >20 To 40, Deduct</i>	-350.33	
			<i>For >40, Deduct</i>	-561.18	
26 56	13 00-0086	EA	30' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,189.35	744.56
			<i>For Galvanized Finish, Add</i>	171.01	
			<i>For >10 To 20, Deduct</i>	-179.73	
			<i>For >20 To 40, Deduct</i>	-359.47	
			<i>For >40, Deduct</i>	-576.43	
26 56	13 00-0087	EA	35' High, 8.0" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base	6,898.49	713.54
			<i>For Galvanized Finish, Add</i>	164.14	
			<i>For >10 To 20, Deduct</i>	-172.46	
			<i>For >20 To 40, Deduct</i>	-344.92	
			<i>For >40, Deduct</i>	-553.06	
26 56	13 00-0088	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base	7,310.19	744.56
			<i>For Galvanized Finish, Add</i>	174.63	
			<i>For >10 To 20, Deduct</i>	-182.75	
			<i>For >20 To 40, Deduct</i>	-365.51	
			<i>For >40, Deduct</i>	-585.49	
26 56	13 00-0089	EA	35' High, 8.5" Base OD, 7 Gauge, Round Tapered, Steel Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base	7,551.83	775.58
			<i>For Galvanized Finish, Add</i>	180.02	
			<i>For >10 To 20, Deduct</i>	-188.80	
			<i>For >20 To 40, Deduct</i>	-377.59	
			<i>For >40, Deduct</i>	-605.17	
26 56	13 00-0090		Aluminum Roadway Light Poles <small>(26 56 13 00-0090)</small> Note: Includes satin finish, anchor bolts, cast aluminum base with nut covers, reinforced handhole with cover and grounding provisions, and fixture arm(s).		
26 56	13 00-0091		Round Tapered, Aluminum Roadway Light Poles <small>(26 56 13 00-0091)</small>		
26 56	13 00-0092		Round Tapered, Aluminum Roadway Light Poles With Upsweep Style Arms <small>(26 56 13 00-0092)</small>		
26 56	13 00-0093		Round Tapered, Aluminum Roadway Light Poles With Single Upsweep Style Arm <small>(26 56 13 00-0093)</small>		
26 56	13 00-0094	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	2,755.19	372.28
			<i>For >10 To 20, Deduct</i>	-68.88	
			<i>For >20 To 40, Deduct</i>	-137.76	
			<i>For >40, Deduct</i>	-225.25	
26 56	13 00-0095	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	2,779.53	372.28
			<i>For >10 To 20, Deduct</i>	-69.49	
			<i>For >20 To 40, Deduct</i>	-138.98	
			<i>For >40, Deduct</i>	-227.08	
26 56	13 00-0096	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,370.77	496.37
			<i>For >10 To 20, Deduct</i>	-84.27	
			<i>For >20 To 40, Deduct</i>	-168.54	
			<i>For >40, Deduct</i>	-277.63	
26 56	13 00-0097	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,416.75	496.37
			<i>For >10 To 20, Deduct</i>	-85.42	
			<i>For >20 To 40, Deduct</i>	-170.84	
			<i>For >40, Deduct</i>	-281.07	
26 56	13 00-0098	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base	3,459.05	496.37
			<i>For >10 To 20, Deduct</i>	-86.48	
			<i>For >20 To 40, Deduct</i>	-172.95	
			<i>For >40, Deduct</i>	-284.25	
26 56	13 00-0099	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base	3,871.14	558.41
			<i>For >10 To 20, Deduct</i>	-96.78	
			<i>For >20 To 40, Deduct</i>	-193.56	
			<i>For >40, Deduct</i>	-318.26	
26 56	13 00-0100	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base	3,909.94	558.41
			<i>For >10 To 20, Deduct</i>	-97.75	
			<i>For >20 To 40, Deduct</i>	-195.50	
			<i>For >40, Deduct</i>	-321.17	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0101 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	3,953.33	558.41
<i>For >10 To 20, Deduct</i>	-98.83	
<i>For >20 To 40, Deduct</i>	-197.67	
<i>For >40, Deduct</i>	-324.42	
26 56 13 00-0102 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Upsweep Style Arm, Anchor Base.....	4,547.06	589.44
<i>For >10 To 20, Deduct</i>	-113.68	
<i>For >20 To 40, Deduct</i>	-227.35	
<i>For >40, Deduct</i>	-370.50	
26 56 13 00-0103 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Upsweep Style Arm, Anchor Base.....	4,585.76	589.44
<i>For >10 To 20, Deduct</i>	-114.64	
<i>For >20 To 40, Deduct</i>	-229.29	
<i>For >40, Deduct</i>	-373.40	
26 56 13 00-0104 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Upsweep Style Arm, Anchor Base.....	4,618.18	589.44
<i>For >10 To 20, Deduct</i>	-115.45	
<i>For >20 To 40, Deduct</i>	-230.91	
<i>For >40, Deduct</i>	-375.84	
26 56 13 00-0105 Round Tapered, Aluminum Roadway Light Poles With Two Upsweep Style Arms <small>(26 56 13 00-0092)</small>		
26 56 13 00-0106 EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,155.60	434.32
<i>For >10 To 20, Deduct</i>	-78.89	
<i>For >20 To 40, Deduct</i>	-157.78	
<i>For >40, Deduct</i>	-258.39	
26 56 13 00-0107 EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,394.11	434.32
<i>For >10 To 20, Deduct</i>	-84.85	
<i>For >20 To 40, Deduct</i>	-169.71	
<i>For >40, Deduct</i>	-276.27	
26 56 13 00-0108 EA 20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	3,502.65	465.34
<i>For >10 To 20, Deduct</i>	-87.57	
<i>For >20 To 40, Deduct</i>	-175.13	
<i>For >40, Deduct</i>	-285.97	
26 56 13 00-0109 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	3,758.12	558.41
<i>For >10 To 20, Deduct</i>	-93.95	
<i>For >20 To 40, Deduct</i>	-187.91	
<i>For >40, Deduct</i>	-309.78	
26 56 13 00-0110 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	3,940.96	573.93
<i>For >10 To 20, Deduct</i>	-98.52	
<i>For >20 To 40, Deduct</i>	-197.05	
<i>For >40, Deduct</i>	-324.27	
26 56 13 00-0111 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,205.90	589.44
<i>For >10 To 20, Deduct</i>	-105.15	
<i>For >20 To 40, Deduct</i>	-210.30	
<i>For >40, Deduct</i>	-344.91	
26 56 13 00-0112 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,342.07	620.46
<i>For >10 To 20, Deduct</i>	-108.55	
<i>For >20 To 40, Deduct</i>	-217.10	
<i>For >40, Deduct</i>	-356.68	
26 56 13 00-0113 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	4,513.94	635.98
<i>For >10 To 20, Deduct</i>	-112.85	
<i>For >20 To 40, Deduct</i>	-225.70	
<i>For >40, Deduct</i>	-370.34	
26 56 13 00-0114 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	4,724.32	651.49
<i>For >10 To 20, Deduct</i>	-118.11	
<i>For >20 To 40, Deduct</i>	-236.22	
<i>For >40, Deduct</i>	-386.90	
26 56 13 00-0115 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 4' Upsweep Style Arms, Anchor Base.....	4,935.30	651.49
<i>For >10 To 20, Deduct</i>	-123.38	
<i>For >20 To 40, Deduct</i>	-246.77	
<i>For >40, Deduct</i>	-402.72	
26 56 13 00-0116 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 6' Upsweep Style Arms, Anchor Base.....	5,405.44	667.00
<i>For >10 To 20, Deduct</i>	-135.14	
<i>For >20 To 40, Deduct</i>	-270.27	
<i>For >40, Deduct</i>	-438.76	
26 56 13 00-0117 EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 8' Upsweep Style Arms, Anchor Base.....	5,952.69	682.51
<i>For >10 To 20, Deduct</i>	-148.82	
<i>For >20 To 40, Deduct</i>	-297.63	
<i>For >40, Deduct</i>	-480.58	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0118		Round Tapered, Aluminum Roadway Light Poles With Three Upsweep Style Arms <small>(26 56 13 00-0092)</small>		
	26 56 13 00-0119	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	3,663.64	496.37
			<i>For >10 To 20, Deduct</i>	-91.59	
			<i>For >20 To 40, Deduct</i>	-183.18	
			<i>For >40, Deduct</i>	-299.59	
	26 56 13 00-0120	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	3,918.62	527.39
			<i>For >10 To 20, Deduct</i>	-97.97	
			<i>For >20 To 40, Deduct</i>	-195.93	
			<i>For >40, Deduct</i>	-320.27	
	26 56 13 00-0121	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,451.90	620.46
			<i>For >10 To 20, Deduct</i>	-111.30	
			<i>For >20 To 40, Deduct</i>	-222.60	
			<i>For >40, Deduct</i>	-364.92	
	26 56 13 00-0122	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	4,641.52	651.49
			<i>For >10 To 20, Deduct</i>	-116.04	
			<i>For >20 To 40, Deduct</i>	-232.08	
			<i>For >40, Deduct</i>	-380.69	
	26 56 13 00-0123	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	4,860.88	682.51
			<i>For >10 To 20, Deduct</i>	-121.52	
			<i>For >20 To 40, Deduct</i>	-243.04	
			<i>For >40, Deduct</i>	-398.69	
	26 56 13 00-0124	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,032.76	713.54
			<i>For >10 To 20, Deduct</i>	-125.82	
			<i>For >20 To 40, Deduct</i>	-251.64	
			<i>For >40, Deduct</i>	-413.13	
	26 56 13 00-0125	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 4' Upsweep Style Arms, Anchor Base.....	5,261.20	713.54
			<i>For >10 To 20, Deduct</i>	-131.53	
			<i>For >20 To 40, Deduct</i>	-263.06	
			<i>For >40, Deduct</i>	-430.27	
	26 56 13 00-0126	EA	35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 6' Upsweep Style Arms, Anchor Base.....	5,728.64	744.56
			<i>For >10 To 20, Deduct</i>	-143.22	
			<i>For >20 To 40, Deduct</i>	-286.43	
			<i>For >40, Deduct</i>	-466.88	
	26 56 13 00-0127	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Three 8' Upsweep Style Arms, Anchor Base.....	11,034.61	775.58
			<i>For >10 To 20, Deduct</i>	-275.87	
			<i>For >20 To 40, Deduct</i>	-551.73	
			<i>For >40, Deduct</i>	-866.37	
26 56	13 00-0128		Round Tapered, Aluminum Roadway Light Poles With Four Upsweep Style Arms <small>(26 56 13 00-0092)</small>		
	26 56 13 00-0129	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	3,787.14	558.41
			<i>For >10 To 20, Deduct</i>	-94.68	
			<i>For >20 To 40, Deduct</i>	-189.36	
			<i>For >40, Deduct</i>	-311.96	
	26 56 13 00-0130	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	3,933.18	558.41
			<i>For >10 To 20, Deduct</i>	-98.33	
			<i>For >20 To 40, Deduct</i>	-196.66	
			<i>For >40, Deduct</i>	-322.91	
	26 56 13 00-0131	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	4,869.96	682.51
			<i>For >10 To 20, Deduct</i>	-121.75	
			<i>For >20 To 40, Deduct</i>	-243.50	
			<i>For >40, Deduct</i>	-399.37	
	26 56 13 00-0132	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,274.36	729.04
			<i>For >10 To 20, Deduct</i>	-131.86	
			<i>For >20 To 40, Deduct</i>	-263.72	
			<i>For >40, Deduct</i>	-432.03	
	26 56 13 00-0133	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,504.29	744.56
			<i>For >10 To 20, Deduct</i>	-137.61	
			<i>For >20 To 40, Deduct</i>	-275.21	
			<i>For >40, Deduct</i>	-450.05	
	26 56 13 00-0134	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	5,876.37	791.09
			<i>For >10 To 20, Deduct</i>	-146.91	
			<i>For >20 To 40, Deduct</i>	-293.82	
			<i>For >40, Deduct</i>	-480.28	
	26 56 13 00-0135	EA	35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 4' Upsweep Style Arms, Anchor Base.....	5,797.87	775.58
			<i>For >10 To 20, Deduct</i>	-144.95	
			<i>For >20 To 40, Deduct</i>	-289.89	
			<i>For >40, Deduct</i>	-473.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0136 EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 6' Upsweep Style Arms, Anchor Base.....	6,605.87	822.11
<i>For >10 To 20, Deduct</i>	-165.15	
<i>For >20 To 40, Deduct</i>	-330.29	
<i>For >40, Deduct</i>	-536.55	
26 56 13 00-0137 EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Four 8' Upsweep Style Arms, Anchor Base.....	7,319.20	868.65
<i>For >10 To 20, Deduct</i>	-182.98	
<i>For >20 To 40, Deduct</i>	-365.96	
<i>For >40, Deduct</i>	-592.37	
26 56 13 00-0138 Round Tapered, Aluminum Roadway Light Poles With Truss Style Arms <small>(26 56 13 00-0091)</small>		
26 56 13 00-0139 Round Tapered, Aluminum Roadway Light Poles With Single Truss Style Arm <small>(26 56 13 00-0138)</small>		
26 56 13 00-0140 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,046.50	496.37
<i>For >10 To 20, Deduct</i>	-101.16	
<i>For >20 To 40, Deduct</i>	-202.33	
<i>For >40, Deduct</i>	-328.31	
26 56 13 00-0141 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,079.02	496.37
<i>For >10 To 20, Deduct</i>	-101.98	
<i>For >20 To 40, Deduct</i>	-203.95	
<i>For >40, Deduct</i>	-330.75	
26 56 13 00-0142 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	4,162.11	496.37
<i>For >10 To 20, Deduct</i>	-104.05	
<i>For >20 To 40, Deduct</i>	-208.11	
<i>For >40, Deduct</i>	-336.98	
26 56 13 00-0143 EA 25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	4,286.80	496.37
<i>For >10 To 20, Deduct</i>	-107.17	
<i>For >20 To 40, Deduct</i>	-214.34	
<i>For >40, Deduct</i>	-346.33	
26 56 13 00-0144 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,556.14	558.41
<i>For >10 To 20, Deduct</i>	-113.90	
<i>For >20 To 40, Deduct</i>	-227.81	
<i>For >40, Deduct</i>	-369.63	
26 56 13 00-0145 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	4,629.46	558.41
<i>For >10 To 20, Deduct</i>	-115.74	
<i>For >20 To 40, Deduct</i>	-231.47	
<i>For >40, Deduct</i>	-375.13	
26 56 13 00-0146 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	4,707.67	558.41
<i>For >10 To 20, Deduct</i>	-117.69	
<i>For >20 To 40, Deduct</i>	-235.38	
<i>For >40, Deduct</i>	-381.00	
26 56 13 00-0147 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,179.41	558.41
<i>For >10 To 20, Deduct</i>	-129.49	
<i>For >20 To 40, Deduct</i>	-258.97	
<i>For >40, Deduct</i>	-416.38	
26 56 13 00-0148 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Truss Style Arm, Anchor Base.....	4,953.66	589.44
<i>For >10 To 20, Deduct</i>	-123.84	
<i>For >20 To 40, Deduct</i>	-247.68	
<i>For >40, Deduct</i>	-401.00	
26 56 13 00-0149 EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 10' Truss Style Arm, Anchor Base.....	5,558.96	589.44
<i>For >10 To 20, Deduct</i>	-138.97	
<i>For >20 To 40, Deduct</i>	-277.95	
<i>For >40, Deduct</i>	-446.39	
26 56 13 00-0150 EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 12' Truss Style Arm, Anchor Base.....	5,617.92	589.44
<i>For >10 To 20, Deduct</i>	-140.45	
<i>For >20 To 40, Deduct</i>	-280.90	
<i>For >40, Deduct</i>	-450.82	
26 56 13 00-0151 EA 35' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	5,992.19	589.44
<i>For >10 To 20, Deduct</i>	-149.80	
<i>For >20 To 40, Deduct</i>	-299.61	
<i>For >40, Deduct</i>	-478.89	
26 56 13 00-0152 EA 35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 15' Truss Style Arm, Anchor Base.....	6,333.55	589.44
<i>For >10 To 20, Deduct</i>	-158.34	
<i>For >20 To 40, Deduct</i>	-316.68	
<i>For >40, Deduct</i>	-504.49	
26 56 13 00-0153 Round Tapered, Aluminum Roadway Light Poles With Two Truss Style Arms <small>(26 56 13 00-0138)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0154	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,256.11	620.46
			<i>For >10 To 20, Deduct</i>	-131.40	
			<i>For >20 To 40, Deduct</i>	-262.81	
			<i>For >40, Deduct</i>	-425.23	
26 56	13 00-0155	EA	25' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	5,401.25	651.49
			<i>For >10 To 20, Deduct</i>	-135.03	
			<i>For >20 To 40, Deduct</i>	-270.06	
			<i>For >40, Deduct</i>	-437.67	
26 56	13 00-0156	EA	25' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	5,516.76	682.51
			<i>For >10 To 20, Deduct</i>	-137.92	
			<i>For >20 To 40, Deduct</i>	-275.84	
			<i>For >40, Deduct</i>	-447.88	
26 56	13 00-0157	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	5,659.21	682.51
			<i>For >10 To 20, Deduct</i>	-141.48	
			<i>For >20 To 40, Deduct</i>	-282.96	
			<i>For >40, Deduct</i>	-458.57	
26 56	13 00-0158	EA	30' High, 8" Base OD, 0.219" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,154.39	713.54
			<i>For >10 To 20, Deduct</i>	-153.86	
			<i>For >20 To 40, Deduct</i>	-307.72	
			<i>For >40, Deduct</i>	-497.26	
26 56	13 00-0159	EA	30' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	7,071.02	744.56
			<i>For >10 To 20, Deduct</i>	-176.78	
			<i>For >20 To 40, Deduct</i>	-353.55	
			<i>For >40, Deduct</i>	-567.55	
26 56	13 00-0160	EA	35' High, 8" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 10' Truss Style Arms, Anchor Base.....	6,839.80	713.54
			<i>For >10 To 20, Deduct</i>	-171.00	
			<i>For >20 To 40, Deduct</i>	-341.99	
			<i>For >40, Deduct</i>	-548.66	
26 56	13 00-0161	EA	35' High, 10" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 12' Truss Style Arms, Anchor Base.....	6,971.47	744.56
			<i>For >10 To 20, Deduct</i>	-174.29	
			<i>For >20 To 40, Deduct</i>	-348.57	
			<i>For >40, Deduct</i>	-560.09	
26 56	13 00-0162	EA	35' High, 10" Base OD, 0.250" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Two 15' Truss Style Arms, Anchor Base.....	8,494.91	775.58
			<i>For >10 To 20, Deduct</i>	-212.37	
			<i>For >20 To 40, Deduct</i>	-424.75	
			<i>For >40, Deduct</i>	-675.90	
26 56	13 00-0163		Round Tapered, Aluminum Roadway Light Poles With Davit Style Arm <small>(26 56 13 00-0091)</small>		
26 56	13 00-0164		Round Tapered, Aluminum Roadway Light Poles With Single Davit Style Arm <small>(26 56 13 00-0163)</small>		
26 56	13 00-0165	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,323.59	372.28
			<i>For >10 To 20, Deduct</i>	-83.09	
			<i>For >20 To 40, Deduct</i>	-166.18	
			<i>For >40, Deduct</i>	-267.88	
26 56	13 00-0166	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	3,415.46	372.28
			<i>For >10 To 20, Deduct</i>	-85.39	
			<i>For >20 To 40, Deduct</i>	-170.77	
			<i>For >40, Deduct</i>	-274.77	
26 56	13 00-0167	EA	20' High, 6" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	3,507.54	372.28
			<i>For >10 To 20, Deduct</i>	-87.69	
			<i>For >20 To 40, Deduct</i>	-175.38	
			<i>For >40, Deduct</i>	-281.68	
26 56	13 00-0168	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	3,947.44	496.37
			<i>For >10 To 20, Deduct</i>	-98.69	
			<i>For >20 To 40, Deduct</i>	-197.37	
			<i>For >40, Deduct</i>	-320.88	
26 56	13 00-0169	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base.....	4,017.47	496.37
			<i>For >10 To 20, Deduct</i>	-100.44	
			<i>For >20 To 40, Deduct</i>	-200.87	
			<i>For >40, Deduct</i>	-326.13	
26 56	13 00-0170	EA	25' High, 7" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base.....	4,093.98	496.37
			<i>For >10 To 20, Deduct</i>	-102.35	
			<i>For >20 To 40, Deduct</i>	-204.70	
			<i>For >40, Deduct</i>	-331.87	
26 56	13 00-0171	EA	30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base.....	4,455.39	558.41
			<i>For >10 To 20, Deduct</i>	-111.38	
			<i>For >20 To 40, Deduct</i>	-222.77	
			<i>For >40, Deduct</i>	-362.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0172 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,550.46	558.41
<i>For >10 To 20, Deduct</i>	-113.76	
<i>For >20 To 40, Deduct</i>	-227.52	
<i>For >40, Deduct</i>	-369.21	
26 56 13 00-0173 EA 30' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,564.72	558.41
<i>For >10 To 20, Deduct</i>	-114.12	
<i>For >20 To 40, Deduct</i>	-228.24	
<i>For >40, Deduct</i>	-370.28	
26 56 13 00-0174 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 4' Davit Style Arm, Anchor Base	4,855.70	589.44
<i>For >10 To 20, Deduct</i>	-121.39	
<i>For >20 To 40, Deduct</i>	-242.79	
<i>For >40, Deduct</i>	-393.65	
26 56 13 00-0175 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 6' Davit Style Arm, Anchor Base	4,897.39	589.44
<i>For >10 To 20, Deduct</i>	-122.43	
<i>For >20 To 40, Deduct</i>	-244.87	
<i>For >40, Deduct</i>	-396.78	
26 56 13 00-0176 EA 35' High, 8" Base OD, 0.188" Wall Thickness, Round Tapered, Aluminum Roadway Light Pole With Single 8' Davit Style Arm, Anchor Base	4,995.15	589.44
<i>For >10 To 20, Deduct</i>	-124.88	
<i>For >20 To 40, Deduct</i>	-249.76	
<i>For >40, Deduct</i>	-404.11	
26 56 13 00-0177 Area Light Poles <small>(26 56 13 00-0001)</small> Note: Excludes lighting fixtures.		
26 56 13 00-0178 Steel Area Light Poles <small>(26 56 13 00-0177)</small> Note: Includes powdercoat finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0179 Round Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0180 Round Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0179)</small>		
26 56 13 00-0181 EA 10' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,363.41	217.16
<i>For Galvanized Finish, Add</i>	27.87	
<i>For >10 To 20, Deduct</i>	-48.02	
<i>For >20 To 40, Deduct</i>	-86.75	
<i>For >40, Deduct</i>	-182.80	
26 56 13 00-0182 EA 12' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,476.94	248.18
<i>For Galvanized Finish, Add</i>	29.42	
<i>For >10 To 20, Deduct</i>	-51.63	
<i>For >20 To 40, Deduct</i>	-93.46	
<i>For >40, Deduct</i>	-196.72	
26 56 13 00-0183 EA 14' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,649.65	279.21
<i>For Galvanized Finish, Add</i>	32.74	
<i>For >10 To 20, Deduct</i>	-57.61	
<i>For >20 To 40, Deduct</i>	-104.31	
<i>For >40, Deduct</i>	-219.53	
26 56 13 00-0184 EA 16' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,827.51	310.23
<i>For Galvanized Finish, Add</i>	36.21	
<i>For >10 To 20, Deduct</i>	-63.79	
<i>For >20 To 40, Deduct</i>	-115.52	
<i>For >40, Deduct</i>	-243.10	
26 56 13 00-0185 EA 18' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,941.03	341.25
<i>For Galvanized Finish, Add</i>	37.76	
<i>For >10 To 20, Deduct</i>	-67.40	
<i>For >20 To 40, Deduct</i>	-122.22	
<i>For >40, Deduct</i>	-257.03	
26 56 13 00-0186 EA 20' High, 3" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	2,041.69	372.28
<i>For Galvanized Finish, Add</i>	38.91	
<i>For >10 To 20, Deduct</i>	-70.50	
<i>For >20 To 40, Deduct</i>	-128.03	
<i>For >40, Deduct</i>	-269.03	
26 56 13 00-0187 EA 10' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,430.33	217.16
<i>For Galvanized Finish, Add</i>	29.88	
<i>For >10 To 20, Deduct</i>	-50.70	
<i>For >20 To 40, Deduct</i>	-91.44	
<i>For >40, Deduct</i>	-192.83	
26 56 13 00-0188 EA 12' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,546.43	248.18
<i>For Galvanized Finish, Add</i>	31.50	
<i>For >10 To 20, Deduct</i>	-54.41	
<i>For >20 To 40, Deduct</i>	-98.32	
<i>For >40, Deduct</i>	-207.15	
26 56 13 00-0189 EA 14' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,788.62	279.21
<i>For Galvanized Finish, Add</i>	36.91	
<i>For >10 To 20, Deduct</i>	-63.17	
<i>For >20 To 40, Deduct</i>	-114.04	
<i>For >40, Deduct</i>	-240.37	
26 56 13 00-0190 EA 16' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base.....	1,917.59	310.23
<i>For Galvanized Finish, Add</i>	38.91	
<i>For >10 To 20, Deduct</i>	-67.40	
<i>For >20 To 40, Deduct</i>	-121.82	
<i>For >40, Deduct</i>	-256.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0191	EA	18' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,038.83 40.69 -71.32 -129.07 -271.70	341.25
26 56	13 00-0192	EA	20' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,134.34 41.69 -74.21 -134.51 -282.92	372.28
26 56	13 00-0193	EA	25' High, 4" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,477.75 44.55 -84.22 -153.59 -322.03	496.37
26 56	13 00-0194	EA	10' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,430.33 29.88 -50.70 -91.44 -192.83	217.16
26 56	13 00-0195	EA	12' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,554.15 31.73 -54.72 -98.86 -208.30	248.18
26 56	13 00-0196	EA	14' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,829.80 38.14 -64.82 -116.92 -246.55	279.21
26 56	13 00-0197	EA	16' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,925.31 39.15 -67.71 -122.36 -257.77	310.23
26 56	13 00-0198	EA	18' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,038.83 40.69 -71.32 -129.07 -271.70	341.25
26 56	13 00-0199	EA	20' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,134.34 41.69 -74.21 -134.51 -282.92	372.28
26 56	13 00-0200	EA	25' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,549.81 46.71 -87.10 -158.63 -332.83	496.37
26 56	13 00-0201	EA	30' High, 4-1/2" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,807.74 50.73 -95.56 -174.21 -365.32	558.41
26 56	13 00-0202	EA	20' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,299.06 46.64 -80.79 -146.04 -307.63	372.28
26 56	13 00-0203	EA	25' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,583.27 47.72 -88.44 -160.97 -337.85	496.37
26 56	13 00-0204	EA	30' High, 5" OD, 11 Gauge, Round Straight, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,872.08 52.66 -98.13 -178.71 -374.97	558.41
26 56	13 00-0205		Round Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0206		Round Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0205)</small>		
26 56	13 00-0207	EA	20' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,880.71 64.08 -104.06 -186.76 -394.88	372.28
26 56	13 00-0208	EA	20' High, 6.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base..... <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,960.49 66.48 -107.25 -192.34 -406.85	372.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0209 EA 25' High, 5.90" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,383.68	496.37
For Galvanized Finish, Add	71.73	
For >10 To 20, Deduct	-120.46	
For >20 To 40, Deduct	-217.00	
For >40, Deduct	-457.92	
26 56 13 00-0210 EA 25' High, 7.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,548.39	496.37
For Galvanized Finish, Add	76.67	
For >10 To 20, Deduct	-127.04	
For >20 To 40, Deduct	-228.53	
For >40, Deduct	-482.62	
26 56 13 00-0211 EA 30' High, 6.60" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	3,765.15	558.41
For Galvanized Finish, Add	79.45	
For >10 To 20, Deduct	-133.85	
For >20 To 40, Deduct	-241.22	
For >40, Deduct	-508.93	
26 56 13 00-0212 EA 30' High, 8.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,040.53	558.41
For Galvanized Finish, Add	87.71	
For >10 To 20, Deduct	-144.87	
For >20 To 40, Deduct	-260.50	
For >40, Deduct	-550.24	
26 56 13 00-0213 EA 35' High, 7.30" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,159.19	589.44
For Galvanized Finish, Add	89.41	
For >10 To 20, Deduct	-148.68	
For >20 To 40, Deduct	-267.57	
For >40, Deduct	-564.93	
26 56 13 00-0214 EA 35' High, 8.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,329.05	589.44
For Galvanized Finish, Add	94.51	
For >10 To 20, Deduct	-155.48	
For >20 To 40, Deduct	-279.46	
For >40, Deduct	-590.41	
26 56 13 00-0215 EA 35' High, 9.50" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,735.69	589.44
For Galvanized Finish, Add	106.70	
For >10 To 20, Deduct	-171.74	
For >20 To 40, Deduct	-307.92	
For >40, Deduct	-651.41	
26 56 13 00-0216 EA 39' High, 7.82" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,766.86	620.46
For Galvanized Finish, Add	105.78	
For >10 To 20, Deduct	-172.06	
For >20 To 40, Deduct	-308.86	
For >40, Deduct	-652.98	
26 56 13 00-0217 EA 39' High, 9.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,838.92	620.46
For Galvanized Finish, Add	107.94	
For >10 To 20, Deduct	-174.94	
For >20 To 40, Deduct	-313.91	
For >40, Deduct	-663.79	
26 56 13 00-0218 EA 45' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,598.40	806.61
For Galvanized Finish, Add	149.56	
For >10 To 20, Deduct	-239.74	
For >20 To 40, Deduct	-429.62	
For >40, Deduct	-909.10	
26 56 13 00-0219 EA 50' High, 10.00" Base OD, 11 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,831.16	930.70
For Galvanized Finish, Add	149.09	
For >10 To 20, Deduct	-245.33	
For >20 To 40, Deduct	-440.95	
For >40, Deduct	-931.60	
26 56 13 00-0220 EA 25' High, 7.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	4,665.37	496.37
For Galvanized Finish, Add	110.18	
For >10 To 20, Deduct	-171.72	
For >20 To 40, Deduct	-306.72	
For >40, Deduct	-650.17	
26 56 13 00-0221 EA 30' High, 8.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	5,299.05	558.41
For Galvanized Finish, Add	125.47	
For >10 To 20, Deduct	-195.21	
For >20 To 40, Deduct	-348.60	
For >40, Deduct	-739.02	
26 56 13 00-0222 EA 39' High, 9.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	6,154.07	620.46
For Galvanized Finish, Add	147.39	
For >10 To 20, Deduct	-227.55	
For >20 To 40, Deduct	-405.97	
For >40, Deduct	-861.06	
26 56 13 00-0223 EA 45' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	7,401.38	806.61
For Galvanized Finish, Add	173.65	
For >10 To 20, Deduct	-271.86	
For >20 To 40, Deduct	-485.83	
For >40, Deduct	-1,029.55	
26 56 13 00-0224 EA 50' High, 10.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	8,643.02	930.70
For Galvanized Finish, Add	203.45	
For >10 To 20, Deduct	-317.80	
For >20 To 40, Deduct	-567.78	
For >40, Deduct	-1,203.38	
26 56 13 00-0225 EA 50' High, 11.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base	9,690.50	930.70
For Galvanized Finish, Add	234.87	
For >10 To 20, Deduct	-359.70	
For >20 To 40, Deduct	-641.11	
For >40, Deduct	-1,360.51	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0226	EA	50' High, 13.00" Base OD, 7 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	13,190.70	930.70
			<i>For Galvanized Finish, Add</i>	339.88	
			<i>For >10 To 20, Deduct</i>	-499.71	
			<i>For >20 To 40, Deduct</i>	-886.12	
			<i>For >40, Deduct</i>	-1,885.54	
26 56	13 00-0227	EA	50' High, 13.00" Base OD, 3 Gauge, Round Tapered, Steel Area Light Pole, Anchor Base.....	14,889.32	930.70
			<i>For Galvanized Finish, Add</i>	390.84	
			<i>For >10 To 20, Deduct</i>	-567.65	
			<i>For >20 To 40, Deduct</i>	-1,005.02	
			<i>For >40, Deduct</i>	-2,140.33	
26 56	13 00-0228		Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0229		Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0228)</small>		
26 56	13 00-0230	EA	10' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,342.83	217.16
			<i>For Galvanized Finish, Add</i>	27.26	
			<i>For >10 To 20, Deduct</i>	-47.20	
			<i>For >20 To 40, Deduct</i>	-85.31	
			<i>For >40, Deduct</i>	-179.71	
26 56	13 00-0231	EA	12' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,404.88	248.18
			<i>For Galvanized Finish, Add</i>	27.26	
			<i>For >10 To 20, Deduct</i>	-48.75	
			<i>For >20 To 40, Deduct</i>	-88.41	
			<i>For >40, Deduct</i>	-185.91	
26 56	13 00-0232	EA	14' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,510.67	279.21
			<i>For Galvanized Finish, Add</i>	28.57	
			<i>For >10 To 20, Deduct</i>	-52.05	
			<i>For >20 To 40, Deduct</i>	-94.58	
			<i>For >40, Deduct</i>	-198.68	
26 56	13 00-0233	EA	15' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,603.47	294.72
			<i>For Galvanized Finish, Add</i>	30.42	
			<i>For >10 To 20, Deduct</i>	-55.30	
			<i>For >20 To 40, Deduct</i>	-100.45	
			<i>For >40, Deduct</i>	-211.05	
26 56	13 00-0234	EA	16' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,634.49	310.23
			<i>For Galvanized Finish, Add</i>	30.42	
			<i>For >10 To 20, Deduct</i>	-56.07	
			<i>For >20 To 40, Deduct</i>	-102.01	
			<i>For >40, Deduct</i>	-214.15	
26 56	13 00-0235	EA	18' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,724.85	341.25
			<i>For Galvanized Finish, Add</i>	31.27	
			<i>For >10 To 20, Deduct</i>	-58.76	
			<i>For >20 To 40, Deduct</i>	-107.09	
			<i>For >40, Deduct</i>	-224.60	
26 56	13 00-0236	EA	20' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	1,810.06	372.28
			<i>For Galvanized Finish, Add</i>	31.97	
			<i>For >10 To 20, Deduct</i>	-61.23	
			<i>For >20 To 40, Deduct</i>	-111.81	
			<i>For >40, Deduct</i>	-234.28	
26 56	13 00-0237	EA	25' High, 4" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,212.66	496.37
			<i>For Galvanized Finish, Add</i>	36.60	
			<i>For >10 To 20, Deduct</i>	-73.62	
			<i>For >20 To 40, Deduct</i>	-135.03	
			<i>For >40, Deduct</i>	-282.26	
26 56	13 00-0238	EA	20' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,157.50	372.28
			<i>For Galvanized Finish, Add</i>	42.39	
			<i>For >10 To 20, Deduct</i>	-75.13	
			<i>For >20 To 40, Deduct</i>	-136.13	
			<i>For >40, Deduct</i>	-286.40	
26 56	13 00-0239	EA	25' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,691.36	496.37
			<i>For Galvanized Finish, Add</i>	50.96	
			<i>For >10 To 20, Deduct</i>	-92.76	
			<i>For >20 To 40, Deduct</i>	-168.54	
			<i>For >40, Deduct</i>	-354.07	
26 56	13 00-0240	EA	30' High, 5" OD, 11 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,095.99	558.41
			<i>For Galvanized Finish, Add</i>	59.37	
			<i>For >10 To 20, Deduct</i>	-107.09	
			<i>For >20 To 40, Deduct</i>	-194.38	
			<i>For >40, Deduct</i>	-408.56	
26 56	13 00-0241	EA	20' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,062.28	372.28
			<i>For Galvanized Finish, Add</i>	39.53	
			<i>For >10 To 20, Deduct</i>	-71.32	
			<i>For >20 To 40, Deduct</i>	-129.47	
			<i>For >40, Deduct</i>	-272.11	
26 56	13 00-0242	EA	25' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,506.06	496.37
			<i>For Galvanized Finish, Add</i>	45.40	
			<i>For >10 To 20, Deduct</i>	-85.35	
			<i>For >20 To 40, Deduct</i>	-155.57	
			<i>For >40, Deduct</i>	-326.27	
26 56	13 00-0243	EA	30' High, 4" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,936.42	558.41
			<i>For Galvanized Finish, Add</i>	54.59	
			<i>For >10 To 20, Deduct</i>	-100.70	
			<i>For >20 To 40, Deduct</i>	-183.21	
			<i>For >40, Deduct</i>	-384.62	

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0244	EA		20' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,389.14	372.28
			<i>For Galvanized Finish, Add</i>	49.34	
			<i>For >10 To 20, Deduct</i>	-84.40	
			<i>For >20 To 40, Deduct</i>	-152.35	
			<i>For >40, Deduct</i>	-321.14	
26 56 13 00-0245	EA		25' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	2,922.99	496.37
			<i>For Galvanized Finish, Add</i>	57.91	
			<i>For >10 To 20, Deduct</i>	-102.03	
			<i>For >20 To 40, Deduct</i>	-184.75	
			<i>For >40, Deduct</i>	-388.81	
26 56 13 00-0246	EA		30' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,314.75	558.41
			<i>For Galvanized Finish, Add</i>	65.94	
			<i>For >10 To 20, Deduct</i>	-115.84	
			<i>For >20 To 40, Deduct</i>	-209.70	
			<i>For >40, Deduct</i>	-441.37	
26 56 13 00-0247	EA		35' High, 5" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,695.93	589.44
			<i>For Galvanized Finish, Add</i>	75.51	
			<i>For >10 To 20, Deduct</i>	-130.15	
			<i>For >20 To 40, Deduct</i>	-235.14	
			<i>For >40, Deduct</i>	-495.45	
26 56 13 00-0248	EA		30' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	3,821.77	558.41
			<i>For Galvanized Finish, Add</i>	81.15	
			<i>For >10 To 20, Deduct</i>	-136.12	
			<i>For >20 To 40, Deduct</i>	-245.19	
			<i>For >40, Deduct</i>	-517.42	
26 56 13 00-0249	EA		35' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	4,205.52	589.44
			<i>For Galvanized Finish, Add</i>	90.80	
			<i>For >10 To 20, Deduct</i>	-150.54	
			<i>For >20 To 40, Deduct</i>	-270.81	
			<i>For >40, Deduct</i>	-571.88	
26 56 13 00-0250	EA		40' High, 6" OD, 7 Gauge, Square Straight, Steel Area Light Pole, Anchor Base.....	4,450.30	620.46
			<i>For Galvanized Finish, Add</i>	96.28	
			<i>For >10 To 20, Deduct</i>	-159.40	
			<i>For >20 To 40, Deduct</i>	-286.70	
			<i>For >40, Deduct</i>	-605.50	
26 56 13 00-0251			Hinged, Square Straight, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0252			Hinged, Square Straight, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0251)</small>		
26 56 13 00-0253	EA		20' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,012.24	372.28
			<i>For Galvanized Finish, Add</i>	128.03	
			<i>For >10 To 20, Deduct</i>	-189.32	
			<i>For >20 To 40, Deduct</i>	-335.97	
			<i>For >40, Deduct</i>	-714.61	
26 56 13 00-0254	EA		25' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,550.59	496.37
			<i>For Galvanized Finish, Add</i>	136.74	
			<i>For >10 To 20, Deduct</i>	-207.13	
			<i>For >20 To 40, Deduct</i>	-368.69	
			<i>For >40, Deduct</i>	-782.95	
26 56 13 00-0255	EA		30' High, 6.44" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,842.75	558.41
			<i>For Galvanized Finish, Add</i>	201.78	
			<i>For >10 To 20, Deduct</i>	-296.96	
			<i>For >20 To 40, Deduct</i>	-526.66	
			<i>For >40, Deduct</i>	-1,120.57	
26 56 13 00-0256	EA		20' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,116.27	372.28
			<i>For Galvanized Finish, Add</i>	131.15	
			<i>For >10 To 20, Deduct</i>	-193.48	
			<i>For >20 To 40, Deduct</i>	-343.25	
			<i>For >40, Deduct</i>	-730.21	
26 56 13 00-0257	EA		25' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,155.57	496.37
			<i>For Galvanized Finish, Add</i>	154.88	
			<i>For >10 To 20, Deduct</i>	-231.33	
			<i>For >20 To 40, Deduct</i>	-411.04	
			<i>For >40, Deduct</i>	-873.70	
26 56 13 00-0258	EA		30' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	8,743.37	558.41
			<i>For Galvanized Finish, Add</i>	228.80	
			<i>For >10 To 20, Deduct</i>	-332.98	
			<i>For >20 To 40, Deduct</i>	-589.70	
			<i>For >40, Deduct</i>	-1,255.66	
26 56 13 00-0259	EA		35' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,061.90	589.44
			<i>For Galvanized Finish, Add</i>	266.49	
			<i>For >10 To 20, Deduct</i>	-384.79	
			<i>For >20 To 40, Deduct</i>	-680.76	
			<i>For >40, Deduct</i>	-1,450.34	
26 56 13 00-0260	EA		39' High, 7.32" OD, 11 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	11,867.71	620.46
			<i>For Galvanized Finish, Add</i>	318.80	
			<i>For >10 To 20, Deduct</i>	-456.09	
			<i>For >20 To 40, Deduct</i>	-805.92	
			<i>For >40, Deduct</i>	-1,718.11	
26 56 13 00-0261	EA		20' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	4,848.00	372.28
			<i>For Galvanized Finish, Add</i>	123.10	
			<i>For >10 To 20, Deduct</i>	-182.75	
			<i>For >20 To 40, Deduct</i>	-324.47	
			<i>For >40, Deduct</i>	-689.97	

26 Electrical
26 50 Lighting
 26 56 Exterior Lighting



MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0262	EA	25' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,287.80	496.37
			<i>For Galvanized Finish, Add</i>	128.85	
			<i>For >10 To 20, Deduct</i>	-196.62	
			<i>For >20 To 40, Deduct</i>	-350.29	
			<i>For >40, Deduct</i>	-743.53	
26 56	13 00-0263	EA	30' High, 4" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	7,380.12	558.41
			<i>For Galvanized Finish, Add</i>	187.90	
			<i>For >10 To 20, Deduct</i>	-278.45	
			<i>For >20 To 40, Deduct</i>	-494.27	
			<i>For >40, Deduct</i>	-1,051.18	
26 56	13 00-0264	EA	20' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,036.88	372.28
			<i>For Galvanized Finish, Add</i>	128.77	
			<i>For >10 To 20, Deduct</i>	-190.31	
			<i>For >20 To 40, Deduct</i>	-337.69	
			<i>For >40, Deduct</i>	-718.30	
26 56	13 00-0265	EA	25' High, 6.44" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,909.20	496.37
			<i>For Galvanized Finish, Add</i>	147.49	
			<i>For >10 To 20, Deduct</i>	-221.48	
			<i>For >20 To 40, Deduct</i>	-393.79	
			<i>For >40, Deduct</i>	-836.74	
26 56	13 00-0266	EA	20' High, 6.44" OD, 7 Gauge, Hinged Square Straight, Steel Area Light Pole, Anchor Base	8,401.19	558.41
			<i>For Galvanized Finish, Add</i>	218.53	
			<i>For >10 To 20, Deduct</i>	-319.30	
			<i>For >20 To 40, Deduct</i>	-565.75	
			<i>For >40, Deduct</i>	-1,204.34	
26 56	13 00-0267	EA	20' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	5,327.05	372.28
			<i>For Galvanized Finish, Add</i>	137.47	
			<i>For >10 To 20, Deduct</i>	-201.91	
			<i>For >20 To 40, Deduct</i>	-358.00	
			<i>For >40, Deduct</i>	-761.83	
26 56	13 00-0268	EA	25' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	6,432.05	496.37
			<i>For Galvanized Finish, Add</i>	163.18	
			<i>For >10 To 20, Deduct</i>	-242.39	
			<i>For >20 To 40, Deduct</i>	-430.39	
			<i>For >40, Deduct</i>	-915.17	
26 56	13 00-0269	EA	30' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	9,017.12	558.41
			<i>For Galvanized Finish, Add</i>	237.01	
			<i>For >10 To 20, Deduct</i>	-343.93	
			<i>For >20 To 40, Deduct</i>	-608.86	
			<i>For >40, Deduct</i>	-1,296.73	
26 56	13 00-0270	EA	35' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	10,395.87	589.44
			<i>For Galvanized Finish, Add</i>	276.51	
			<i>For >10 To 20, Deduct</i>	-398.15	
			<i>For >20 To 40, Deduct</i>	-704.13	
			<i>For >40, Deduct</i>	-1,500.44	
26 56	13 00-0271	EA	39' High, 7.32" OD, 7 Gauge, Hinged, Square Straight, Steel Area Light Pole, Anchor Base	12,045.64	620.46
			<i>For Galvanized Finish, Add</i>	324.14	
			<i>For >10 To 20, Deduct</i>	-463.21	
			<i>For >20 To 40, Deduct</i>	-818.38	
			<i>For >40, Deduct</i>	-1,744.80	
26 56	13 00-0272		Square Tapered, Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56	13 00-0273		Square Tapered, Steel Area Light Poles, Anchor Base <small>(26 56 13 00-0272)</small>		
26 56	13 00-0274	EA	20' High, 5.25" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	3,748.03	372.28
			<i>For Galvanized Finish, Add</i>	90.10	
			<i>For >10 To 20, Deduct</i>	-138.75	
			<i>For >20 To 40, Deduct</i>	-247.47	
			<i>For >40, Deduct</i>	-524.98	
26 56	13 00-0275	EA	25' High, 6.00" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,526.39	496.37
			<i>For Galvanized Finish, Add</i>	106.01	
			<i>For >10 To 20, Deduct</i>	-166.16	
			<i>For >20 To 40, Deduct</i>	-296.99	
			<i>For >40, Deduct</i>	-629.32	
26 56	13 00-0276	EA	30' High, 6.41" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,033.97	558.41
			<i>For Galvanized Finish, Add</i>	117.51	
			<i>For >10 To 20, Deduct</i>	-184.61	
			<i>For >20 To 40, Deduct</i>	-330.04	
			<i>For >40, Deduct</i>	-699.25	
26 56	13 00-0277	EA	35' High, 6.81" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,603.02	589.44
			<i>For Galvanized Finish, Add</i>	132.72	
			<i>For >10 To 20, Deduct</i>	-206.44	
			<i>For >20 To 40, Deduct</i>	-368.63	
			<i>For >40, Deduct</i>	-781.51	
26 56	13 00-0278	EA	39' High, 7.18" Base OD, 11 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	5,906.99	620.46
			<i>For Galvanized Finish, Add</i>	139.98	
			<i>For >10 To 20, Deduct</i>	-217.67	
			<i>For >20 To 40, Deduct</i>	-388.67	
			<i>For >40, Deduct</i>	-824.00	
26 56	13 00-0279	EA	20' High, 5.50" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base	4,903.61	372.28
			<i>For Galvanized Finish, Add</i>	124.77	
			<i>For >10 To 20, Deduct</i>	-184.98	
			<i>For >20 To 40, Deduct</i>	-328.36	
			<i>For >40, Deduct</i>	-698.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0280 EA 25' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,432.32 133.19 -202.40 -360.41 -765.21	496.37
26 56 13 00-0281 EA 30' High, 6.41" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	5,775.18 139.75 -214.25 -381.93 -810.44	558.41
26 56 13 00-0282 EA 30' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	6,454.63 160.13 -241.43 -429.49 -912.35	558.41
26 56 13 00-0283 EA 35' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	7,005.67 174.80 -262.54 -466.82 -991.91	589.44
26 56 13 00-0284 EA 35' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	7,847.26 200.05 -296.21 -525.73 -1,118.15	589.44
26 56 13 00-0285 EA 39' High, 7.13" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	7,106.32 175.96 -265.64 -472.62 -1,003.90	620.46
26 56 13 00-0286 EA 39' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	9,178.13 238.12 -348.51 -617.65 -1,314.67	620.46
26 56 13 00-0287 EA 45' High, 7.88" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	8,351.07 202.14 -309.84 -552.31 -1,172.00	806.61
26 56 13 00-0288 EA 45' High, 8.75" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	9,764.01 244.52 -366.36 -651.22 -1,383.94	806.61
26 56 13 00-0289 EA 50' High, 8.81" Base OD, 7 Gauge, Square Tapered, Steel Area Light Pole, Anchor Base <i>For Galvanized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	10,084.28 246.69 -375.45 -668.67 -1,419.57	930.70
26 56 13 00-0290 Factory Accessories For Steel Area Light Poles <small>(26 56 13 00-0178)</small>		
26 56 13 00-0291 EA 1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Steel Area Light Poles.....	91.25	
26 56 13 00-0292 EA Extra Handhole For Steel Area Light Poles	135.70	
26 56 13 00-0293 EA Vibration Dampener For Steel Area Light Poles	138.04	
26 56 13 00-0294 Aluminum Area Light Poles <small>(26 56 13 00-0177)</small>		
Note: Includes satin brushed or painted finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions, factory drilled fixture mounting holes and tenon, open or capped top.		
26 56 13 00-0295 Round Straight, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0296 Round Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0295)</small>		
26 56 13 00-0297 EA 8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	818.05 44.58 89.15 -27.14 -49.82 -104.09	186.14
26 56 13 00-0298 EA 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	902.95 46.86 93.73 -29.60 -54.52 -113.73	217.16
26 56 13 00-0299 EA 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	993.58 49.72 99.44 -32.30 -59.62 -124.22	248.18

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0300	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,085.34 52.69 105.39 -35.04 -64.81 -134.88	279.21
26 56	13 00-0301	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,135.80 54.64 109.27 -36.59 -67.72 -140.90	294.72
26 56	13 00-0302	EA	16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,185.11 56.47 112.93 -38.10 -70.55 -146.74	310.23
26 56	13 00-0303	EA	16' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,253.69 63.32 126.65 -40.84 -75.35 -157.03	310.23
26 56	13 00-0304	EA	18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,359.17 67.67 135.33 -44.13 -81.49 -169.75	341.25
26 56	13 00-0305	EA	20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,457.80 71.32 142.65 -47.14 -87.15 -181.44	372.28
26 56	13 00-0306	EA	15' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,388.40 79.90 159.79 -46.69 -85.40 -178.79	294.72
26 56	13 00-0307	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,710.40 96.58 193.17 -57.25 -104.84 -219.33	372.28
26 56	13 00-0308	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,838.42 109.39 218.77 -62.37 -113.80 -238.54	372.28
26 56	13 00-0309	EA	25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,206.62 121.39 242.78 -73.37 -134.61 -281.36	496.37
26 56	13 00-0310	EA	30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,558.18 144.13 288.27 -85.57 -156.74 -327.89	558.41
26 56	13 00-0311	EA	20' High, 4" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,536.67 79.21 158.42 -50.30 -92.68 -193.27	372.28
26 56	13 00-0312	EA	20' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,828.13 108.36 216.71 -61.96 -113.08 -236.99	372.28
26 56	13 00-0313	EA	25' High, 5" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,188.33 119.56 239.12 -72.64 -133.33 -278.61	496.37

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0314 EA 25' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,354.06	496.37
For Bronze Or Satin Anodized Finish, Add	136.13	
For Black Anodized Finish, Add	272.26	
For >10 To 20, Deduct	-79.27	
For >20 To 40, Deduct	-144.93	
For >40, Deduct	-303.47	
26 56 13 00-0315 EA 30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Anchor Base	2,745.63	558.41
For Bronze Or Satin Anodized Finish, Add	162.88	
For Black Anodized Finish, Add	325.76	
For >10 To 20, Deduct	-93.07	
For >20 To 40, Deduct	-169.86	
For >40, Deduct	-356.00	
26 56 13 00-0316 Round Straight, Aluminum Area Light Poles, Hinged Anchor Base (26 56 13 00-0295)		
26 56 13 00-0317 EA 8' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	934.64	186.14
For Bronze, Satin Or Black Anodized Finish, Add	84.35	
For >10 To 20, Deduct	-31.80	
For >20 To 40, Deduct	-57.98	
For >40, Deduct	-121.58	
26 56 13 00-0318 EA 10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,042.40	217.16
For Bronze, Satin Or Black Anodized Finish, Add	91.21	
For >10 To 20, Deduct	-35.18	
For >20 To 40, Deduct	-64.28	
For >40, Deduct	-134.64	
26 56 13 00-0319 EA 12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,145.60	248.18
For Bronze, Satin Or Black Anodized Finish, Add	97.38	
For >10 To 20, Deduct	-38.38	
For >20 To 40, Deduct	-70.26	
For >40, Deduct	-147.02	
26 56 13 00-0320 EA 14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,227.07	279.21
For Bronze, Satin Or Black Anodized Finish, Add	100.30	
For >10 To 20, Deduct	-40.71	
For >20 To 40, Deduct	-74.73	
For >40, Deduct	-156.14	
26 56 13 00-0321 EA 16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,322.27	310.23
For Bronze, Satin Or Black Anodized Finish, Add	105.27	
For >10 To 20, Deduct	-43.58	
For >20 To 40, Deduct	-80.15	
For >40, Deduct	-167.32	
26 56 13 00-0322 EA 10' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,066.40	217.16
For Bronze, Satin Or Black Anodized Finish, Add	94.81	
For >10 To 20, Deduct	-36.14	
For >20 To 40, Deduct	-65.96	
For >40, Deduct	-138.24	
26 56 13 00-0323 EA 12' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,167.32	248.18
For Bronze, Satin Or Black Anodized Finish, Add	100.64	
For >10 To 20, Deduct	-39.25	
For >20 To 40, Deduct	-71.79	
For >40, Deduct	-150.28	
26 56 13 00-0324 EA 14' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,271.65	279.21
For Bronze, Satin Or Black Anodized Finish, Add	106.99	
For >10 To 20, Deduct	-42.49	
For >20 To 40, Deduct	-77.85	
For >40, Deduct	-162.83	
26 56 13 00-0325 EA 16' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,374.85	310.23
For Bronze, Satin Or Black Anodized Finish, Add	113.16	
For >10 To 20, Deduct	-45.69	
For >20 To 40, Deduct	-83.83	
For >40, Deduct	-175.20	
26 56 13 00-0326 EA 18' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,483.76	341.25
For Bronze, Satin Or Black Anodized Finish, Add	120.19	
For >10 To 20, Deduct	-49.11	
For >20 To 40, Deduct	-90.21	
For >40, Deduct	-188.44	
26 56 13 00-0327 EA 20' High, 5" OD, 0.125", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,585.82	372.28
For Bronze, Satin Or Black Anodized Finish, Add	126.19	
For >10 To 20, Deduct	-52.26	
For >20 To 40, Deduct	-96.12	
For >40, Deduct	-200.65	
26 56 13 00-0328 EA 12' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,211.89	248.18
For Bronze, Satin Or Black Anodized Finish, Add	107.33	
For >10 To 20, Deduct	-41.03	
For >20 To 40, Deduct	-74.90	
For >40, Deduct	-156.97	
26 56 13 00-0329 EA 14' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,324.23	279.21
For Bronze, Satin Or Black Anodized Finish, Add	114.87	
For >10 To 20, Deduct	-44.59	
For >20 To 40, Deduct	-81.53	
For >40, Deduct	-170.71	
26 56 13 00-0330 EA 16' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base	1,435.43	310.23
For Bronze, Satin Or Black Anodized Finish, Add	122.25	
For >10 To 20, Deduct	-48.11	
For >20 To 40, Deduct	-88.07	
For >40, Deduct	-184.29	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0331	EA	18' High, 5" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,548.91 129.96 -51.72 -94.77 -198.21	341.25
26 56	13 00-0332	EA	16' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,499.43 131.85 -50.67 -92.55 -193.89	310.23
26 56	13 00-0333	EA	20' High, 6" OD, 0.156", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,735.55 148.65 -58.25 -106.60 -223.10	372.28
26 56	13 00-0334	EA	12' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,254.19 113.67 -42.72 -77.87 -163.31	248.18
26 56	13 00-0335	EA	14' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,379.09 123.10 -46.79 -85.37 -178.94	279.21
26 56	13 00-0336	EA	16' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,492.58 130.82 -50.40 -92.07 -192.86	310.23
26 56	13 00-0337	EA	18' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,612.92 139.56 -54.28 -99.25 -207.81	341.25
26 56	13 00-0338	EA	20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,729.83 147.79 -58.02 -106.20 -222.25	372.28
26 56	13 00-0339	EA	16' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,576.02 143.33 -53.73 -97.91 -205.38	310.23
26 56	13 00-0340	EA	18' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,706.65 153.62 -58.03 -105.82 -221.87	341.25
26 56	13 00-0341	EA	20' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Hinged Anchor Base <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,765.27 153.11 -59.44 -108.68 -227.56	372.28
26 56	13 00-0342		Round Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0295) Note: Includes rubberized undercoating on embedded portion.		
26 56	13 00-0343	EA	10' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	730.86 42.06 84.13 -24.58 -44.96 -94.12	155.11
26 56	13 00-0344	EA	12' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	783.59 44.23 88.47 -26.22 -48.03 -100.48	170.63
26 56	13 00-0345	EA	14' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	866.06 49.38 98.76 -29.06 -53.18 -111.30	186.14
26 56	13 00-0346	EA	15' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial <i>For Bronze Or Satin Anodized Finish, Add</i> <i>For Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	892.35 52.01 104.01 -30.11 -55.02 -115.24	186.14

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0347 EA 16' High, 4" OD, 0.125", Round Straight, Aluminum Area Light Pole, Direct Burial	925.50	186.14
For Bronze Or Satin Anodized Finish, Add	55.32	
For Black Anodized Finish, Add	110.64	
For >10 To 20, Deduct	-31.44	
For >20 To 40, Deduct	-57.34	
For >40, Deduct	-120.21	
26 56 13 00-0348 EA 18' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,057.10	201.65
For Bronze Or Satin Anodized Finish, Add	65.38	
For Black Anodized Finish, Add	130.76	
For >10 To 20, Deduct	-36.23	
For >20 To 40, Deduct	-65.93	
For >40, Deduct	-138.40	
26 56 13 00-0349 EA 20' High, 4" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,130.41	217.16
For Bronze Or Satin Anodized Finish, Add	69.61	
For Black Anodized Finish, Add	139.22	
For >10 To 20, Deduct	-38.70	
For >20 To 40, Deduct	-70.44	
For >40, Deduct	-147.85	
26 56 13 00-0350 EA 20' High, 5" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,307.58	217.16
For Bronze Or Satin Anodized Finish, Add	87.33	
For Black Anodized Finish, Add	174.65	
For >10 To 20, Deduct	-45.79	
For >20 To 40, Deduct	-82.84	
For >40, Deduct	-174.42	
26 56 13 00-0351 EA 25' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,597.09	248.18
For Bronze Or Satin Anodized Finish, Add	110.07	
For Black Anodized Finish, Add	220.14	
For >10 To 20, Deduct	-56.44	
For >20 To 40, Deduct	-101.87	
For >40, Deduct	-214.75	
26 56 13 00-0352 EA 30' High, 6" OD, 0.188", Round Straight, Aluminum Area Light Pole, Direct Burial	1,812.29	279.21
For Bronze Or Satin Anodized Finish, Add	125.39	
For Black Anodized Finish, Add	250.78	
For >10 To 20, Deduct	-64.12	
For >20 To 40, Deduct	-115.69	
For >40, Deduct	-243.92	
26 56 13 00-0353 EA 30' High, 6" OD, 0.250", Round Straight, Aluminum Area Light Pole, Direct Burial	2,021.46	279.21
For Bronze Or Satin Anodized Finish, Add	146.31	
For Black Anodized Finish, Add	292.61	
For >10 To 20, Deduct	-72.48	
For >20 To 40, Deduct	-130.33	
For >40, Deduct	-275.30	
26 56 13 00-0354 Round Tapered, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0355 Round Tapered, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0354)</small>		
26 56 13 00-0356 EA 8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	695.75	186.14
For Bronze Or Satin Anodized Finish, Add	32.35	
For Black Anodized Finish, Add	64.69	
For >10 To 20, Deduct	-22.25	
For >20 To 40, Deduct	-41.26	
For >40, Deduct	-85.75	
26 56 13 00-0357 EA 10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	784.08	217.16
For Bronze Or Satin Anodized Finish, Add	34.98	
For Black Anodized Finish, Add	69.95	
For >10 To 20, Deduct	-24.85	
For >20 To 40, Deduct	-46.20	
For >40, Deduct	-95.90	
26 56 13 00-0358 EA 12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	872.42	248.18
For Bronze Or Satin Anodized Finish, Add	37.61	
For Black Anodized Finish, Add	75.21	
For >10 To 20, Deduct	-27.45	
For >20 To 40, Deduct	-51.14	
For >40, Deduct	-106.04	
26 56 13 00-0359 EA 14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	971.04	279.21
For Bronze Or Satin Anodized Finish, Add	41.26	
For Black Anodized Finish, Add	82.53	
For >10 To 20, Deduct	-30.47	
For >20 To 40, Deduct	-56.80	
For >40, Deduct	-117.74	
26 56 13 00-0360 EA 16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,068.52	310.23
For Bronze Or Satin Anodized Finish, Add	44.81	
For Black Anodized Finish, Add	89.61	
For >10 To 20, Deduct	-33.43	
For >20 To 40, Deduct	-62.39	
For >40, Deduct	-129.26	
26 56 13 00-0361 EA 10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	813.80	217.16
For Bronze Or Satin Anodized Finish, Add	37.95	
For Black Anodized Finish, Add	75.90	
For >10 To 20, Deduct	-26.04	
For >20 To 40, Deduct	-48.28	
For >40, Deduct	-100.35	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0362	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	919.28	248.18
			<i>For Bronze Or Satin Anodized Finish, Add</i>	42.29	
			<i>For Black Anodized Finish, Add</i>	84.58	
			<i>For >10 To 20, Deduct</i>	-29.33	
			<i>For >20 To 40, Deduct</i>	-54.42	
			<i>For >40, Deduct</i>	-113.07	
26 56	13 00-0363	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,021.33	279.21
			<i>For Bronze Or Satin Anodized Finish, Add</i>	46.29	
			<i>For Black Anodized Finish, Add</i>	92.58	
			<i>For >10 To 20, Deduct</i>	-32.48	
			<i>For >20 To 40, Deduct</i>	-60.32	
			<i>For >40, Deduct</i>	-125.28	
26 56	13 00-0364	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,217.44	341.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	53.49	
			<i>For Black Anodized Finish, Add</i>	106.99	
			<i>For >10 To 20, Deduct</i>	-38.46	
			<i>For >20 To 40, Deduct</i>	-71.57	
			<i>For >40, Deduct</i>	-148.49	
26 56	13 00-0365	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,308.06	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	56.35	
			<i>For Black Anodized Finish, Add</i>	112.70	
			<i>For >10 To 20, Deduct</i>	-41.15	
			<i>For >20 To 40, Deduct</i>	-76.67	
			<i>For >40, Deduct</i>	-158.98	
26 56	13 00-0366	EA	12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	961.58	248.18
			<i>For Bronze Or Satin Anodized Finish, Add</i>	46.52	
			<i>For Black Anodized Finish, Add</i>	93.04	
			<i>For >10 To 20, Deduct</i>	-31.02	
			<i>For >20 To 40, Deduct</i>	-57.38	
			<i>For >40, Deduct</i>	-119.42	
26 56	13 00-0367	EA	14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,070.48	279.21
			<i>For Bronze Or Satin Anodized Finish, Add</i>	51.21	
			<i>For Black Anodized Finish, Add</i>	102.41	
			<i>For >10 To 20, Deduct</i>	-34.44	
			<i>For >20 To 40, Deduct</i>	-63.77	
			<i>For >40, Deduct</i>	-132.65	
26 56	13 00-0368	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,187.39	310.23
			<i>For Bronze Or Satin Anodized Finish, Add</i>	56.69	
			<i>For Black Anodized Finish, Add</i>	113.39	
			<i>For >10 To 20, Deduct</i>	-38.19	
			<i>For >20 To 40, Deduct</i>	-70.71	
			<i>For >40, Deduct</i>	-147.09	
26 56	13 00-0369	EA	18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,283.73	341.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	60.12	
			<i>For Black Anodized Finish, Add</i>	120.24	
			<i>For >10 To 20, Deduct</i>	-41.11	
			<i>For >20 To 40, Deduct</i>	-76.21	
			<i>For >40, Deduct</i>	-158.43	
26 56	13 00-0370	EA	20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,396.08	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	65.15	
			<i>For Black Anodized Finish, Add</i>	130.30	
			<i>For >10 To 20, Deduct</i>	-44.67	
			<i>For >20 To 40, Deduct</i>	-82.83	
			<i>For >40, Deduct</i>	-172.18	
26 56	13 00-0371	EA	16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,299.41	310.23
			<i>For Bronze Or Satin Anodized Finish, Add</i>	67.90	
			<i>For Black Anodized Finish, Add</i>	135.79	
			<i>For >10 To 20, Deduct</i>	-42.67	
			<i>For >20 To 40, Deduct</i>	-78.55	
			<i>For >40, Deduct</i>	-163.89	
26 56	13 00-0372	EA	18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,426.61	341.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	74.41	
			<i>For Black Anodized Finish, Add</i>	148.82	
			<i>For >10 To 20, Deduct</i>	-46.83	
			<i>For >20 To 40, Deduct</i>	-86.21	
			<i>For >40, Deduct</i>	-179.87	
26 56	13 00-0373	EA	20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,506.95	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	76.24	
			<i>For Black Anodized Finish, Add</i>	152.48	
			<i>For >10 To 20, Deduct</i>	-49.11	
			<i>For >20 To 40, Deduct</i>	-90.60	
			<i>For >40, Deduct</i>	-188.81	
26 56	13 00-0374	EA	23' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,732.77	434.32
			<i>For Bronze Or Satin Anodized Finish, Add</i>	86.41	
			<i>For Black Anodized Finish, Add</i>	172.82	
			<i>For >10 To 20, Deduct</i>	-56.28	
			<i>For >20 To 40, Deduct</i>	-103.92	
			<i>For >40, Deduct</i>	-216.48	
26 56	13 00-0375	EA	25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,965.44	496.37
			<i>For Bronze Or Satin Anodized Finish, Add</i>	97.27	
			<i>For Black Anodized Finish, Add</i>	194.54	
			<i>For >10 To 20, Deduct</i>	-63.73	
			<i>For >20 To 40, Deduct</i>	-117.73	
			<i>For >40, Deduct</i>	-245.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0376 EA 18' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,538.62	341.25
For Bronze Or Satin Anodized Finish, Add	85.61	
For Black Anodized Finish, Add	171.22	
For >10 To 20, Deduct	-51.31	
For >20 To 40, Deduct	-94.05	
For >40, Deduct	-196.67	
26 56 13 00-0377 EA 20' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,642.97	372.28
For Bronze Or Satin Anodized Finish, Add	89.84	
For Black Anodized Finish, Add	179.68	
For >10 To 20, Deduct	-54.55	
For >20 To 40, Deduct	-100.12	
For >40, Deduct	-209.22	
26 56 13 00-0378 EA 23' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,840.21	434.32
For Bronze Or Satin Anodized Finish, Add	97.16	
For Black Anodized Finish, Add	194.31	
For >10 To 20, Deduct	-60.58	
For >20 To 40, Deduct	-111.44	
For >40, Deduct	-232.60	
26 56 13 00-0379 EA 25' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,047.74	496.37
For Bronze Or Satin Anodized Finish, Add	105.50	
For Black Anodized Finish, Add	211.00	
For >10 To 20, Deduct	-67.02	
For >20 To 40, Deduct	-123.49	
For >40, Deduct	-257.52	
26 56 13 00-0380 EA 28' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,202.37	527.39
For Bronze Or Satin Anodized Finish, Add	114.76	
For Black Anodized Finish, Add	229.52	
For >10 To 20, Deduct	-72.27	
For >20 To 40, Deduct	-133.07	
For >40, Deduct	-277.62	
26 56 13 00-0381 EA 30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,359.29	558.41
For Bronze Or Satin Anodized Finish, Add	124.25	
For Black Anodized Finish, Add	248.49	
For >10 To 20, Deduct	-77.62	
For >20 To 40, Deduct	-142.81	
For >40, Deduct	-298.05	
26 56 13 00-0382 EA 23' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,946.51	434.32
For Bronze Or Satin Anodized Finish, Add	107.79	
For Black Anodized Finish, Add	215.57	
For >10 To 20, Deduct	-64.83	
For >20 To 40, Deduct	-118.88	
For >40, Deduct	-248.54	
26 56 13 00-0383 EA 25' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,118.60	496.37
For Bronze Or Satin Anodized Finish, Add	112.59	
For Black Anodized Finish, Add	225.17	
For >10 To 20, Deduct	-69.85	
For >20 To 40, Deduct	-128.45	
For >40, Deduct	-268.15	
26 56 13 00-0384 EA 28' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,278.95	527.39
For Bronze Or Satin Anodized Finish, Add	122.42	
For Black Anodized Finish, Add	244.83	
For >10 To 20, Deduct	-75.34	
For >20 To 40, Deduct	-138.43	
For >40, Deduct	-289.10	
26 56 13 00-0385 EA 30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,478.16	558.41
For Bronze Or Satin Anodized Finish, Add	136.13	
For Black Anodized Finish, Add	272.26	
For >10 To 20, Deduct	-82.37	
For >20 To 40, Deduct	-151.13	
For >40, Deduct	-315.88	
26 56 13 00-0386 EA 33' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,560.62	573.93
For Bronze Or Satin Anodized Finish, Add	141.28	
For Black Anodized Finish, Add	282.55	
For >10 To 20, Deduct	-85.21	
For >20 To 40, Deduct	-156.29	
For >40, Deduct	-326.70	
26 56 13 00-0387 EA 35' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,729.94	589.44
For Bronze Or Satin Anodized Finish, Add	155.11	
For Black Anodized Finish, Add	310.21	
For >10 To 20, Deduct	-91.51	
For >20 To 40, Deduct	-167.52	
For >40, Deduct	-350.55	
26 56 13 00-0388 EA 12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,008.44	248.18
For Bronze Or Satin Anodized Finish, Add	51.21	
For Black Anodized Finish, Add	102.41	
For >10 To 20, Deduct	-32.89	
For >20 To 40, Deduct	-60.66	
For >40, Deduct	-126.45	
26 56 13 00-0389 EA 14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,125.34	279.21
For Bronze Or Satin Anodized Finish, Add	56.69	
For Black Anodized Finish, Add	113.39	
For >10 To 20, Deduct	-36.64	
For >20 To 40, Deduct	-67.61	
For >40, Deduct	-140.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0390	EA	16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,246.83	310.23
			<i>For Bronze Or Satin Anodized Finish, Add</i>	62.64	
			<i>For Black Anodized Finish, Add</i>	125.27	
			<i>For >10 To 20, Deduct</i>	-40.57	
			<i>For >20 To 40, Deduct</i>	-74.87	
			<i>For >40, Deduct</i>	-156.00	
26 56	13 00-0391	EA	18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,355.74	341.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	67.32	
			<i>For Black Anodized Finish, Add</i>	134.65	
			<i>For >10 To 20, Deduct</i>	-43.99	
			<i>For >20 To 40, Deduct</i>	-81.25	
			<i>For >40, Deduct</i>	-169.24	
26 56	13 00-0392	EA	20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,463.51	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	71.90	
			<i>For Black Anodized Finish, Add</i>	143.79	
			<i>For >10 To 20, Deduct</i>	-47.37	
			<i>For >20 To 40, Deduct</i>	-87.55	
			<i>For >40, Deduct</i>	-182.30	
26 56	13 00-0393	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,371.42	310.23
			<i>For Bronze Or Satin Anodized Finish, Add</i>	75.10	
			<i>For Black Anodized Finish, Add</i>	150.19	
			<i>For >10 To 20, Deduct</i>	-45.55	
			<i>For >20 To 40, Deduct</i>	-83.59	
			<i>For >40, Deduct</i>	-174.69	
26 56	13 00-0394	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,502.05	341.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	81.95	
			<i>For Black Anodized Finish, Add</i>	163.91	
			<i>For >10 To 20, Deduct</i>	-49.84	
			<i>For >20 To 40, Deduct</i>	-91.49	
			<i>For >40, Deduct</i>	-191.18	
26 56	13 00-0395	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,597.25	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	85.27	
			<i>For Black Anodized Finish, Add</i>	170.54	
			<i>For >10 To 20, Deduct</i>	-52.72	
			<i>For >20 To 40, Deduct</i>	-96.92	
			<i>For >40, Deduct</i>	-202.36	
26 56	13 00-0396	EA	23' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	1,817.35	434.32
			<i>For Bronze Or Satin Anodized Finish, Add</i>	94.87	
			<i>For Black Anodized Finish, Add</i>	189.74	
			<i>For >10 To 20, Deduct</i>	-59.66	
			<i>For >20 To 40, Deduct</i>	-109.84	
			<i>For >40, Deduct</i>	-229.17	
26 56	13 00-0397	EA	25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,044.31	496.37
			<i>For Bronze Or Satin Anodized Finish, Add</i>	105.16	
			<i>For Black Anodized Finish, Add</i>	210.31	
			<i>For >10 To 20, Deduct</i>	-66.88	
			<i>For >20 To 40, Deduct</i>	-123.25	
			<i>For >40, Deduct</i>	-257.01	
26 56	13 00-0398	EA	23' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,075.67	434.32
			<i>For Bronze Or Satin Anodized Finish, Add</i>	120.70	
			<i>For Black Anodized Finish, Add</i>	241.40	
			<i>For >10 To 20, Deduct</i>	-70.00	
			<i>For >20 To 40, Deduct</i>	-127.92	
			<i>For >40, Deduct</i>	-267.92	
26 56	13 00-0399	EA	25' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,290.06	496.37
			<i>For Bronze Or Satin Anodized Finish, Add</i>	129.73	
			<i>For Black Anodized Finish, Add</i>	259.46	
			<i>For >10 To 20, Deduct</i>	-76.71	
			<i>For >20 To 40, Deduct</i>	-140.45	
			<i>For >40, Deduct</i>	-293.87	
26 56	13 00-0400	EA	28' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,464.12	527.39
			<i>For Bronze Or Satin Anodized Finish, Add</i>	140.93	
			<i>For Black Anodized Finish, Add</i>	281.87	
			<i>For >10 To 20, Deduct</i>	-82.74	
			<i>For >20 To 40, Deduct</i>	-151.39	
			<i>For >40, Deduct</i>	-316.88	
26 56	13 00-0401	EA	30' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,618.76	558.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	150.19	
			<i>For Black Anodized Finish, Add</i>	300.38	
			<i>For >10 To 20, Deduct</i>	-88.00	
			<i>For >20 To 40, Deduct</i>	-160.98	
			<i>For >40, Deduct</i>	-336.97	
26 56	13 00-0402	EA	33' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,760.65	573.93
			<i>For Bronze Or Satin Anodized Finish, Add</i>	161.28	
			<i>For Black Anodized Finish, Add</i>	322.56	
			<i>For >10 To 20, Deduct</i>	-93.21	
			<i>For >20 To 40, Deduct</i>	-170.29	
			<i>For >40, Deduct</i>	-356.70	
26 56	13 00-0403	EA	35' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,884.25	589.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	170.54	
			<i>For Black Anodized Finish, Add</i>	341.07	
			<i>For >10 To 20, Deduct</i>	-97.69	
			<i>For >20 To 40, Deduct</i>	-178.32	
			<i>For >40, Deduct</i>	-373.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0404 EA 37' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,989.57	604.95
For Bronze Or Satin Anodized Finish, Add	177.97	
For Black Anodized Finish, Add	355.93	
For >10 To 20, Deduct	-101.43	
For >20 To 40, Deduct	-185.07	
For >40, Deduct	-387.94	
26 56 13 00-0405 EA 39' High, 8" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,180.62	620.46
For Bronze Or Satin Anodized Finish, Add	193.97	
For Black Anodized Finish, Add	387.94	
For >10 To 20, Deduct	-108.61	
For >20 To 40, Deduct	-197.82	
For >40, Deduct	-415.05	
26 56 13 00-0406 EA 28' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,957.90	527.39
For Bronze Or Satin Anodized Finish, Add	190.31	
For Black Anodized Finish, Add	380.62	
For >10 To 20, Deduct	-102.49	
For >20 To 40, Deduct	-185.96	
For >40, Deduct	-390.95	
26 56 13 00-0407 EA 30' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,190.26	558.41
For Bronze Or Satin Anodized Finish, Add	207.34	
For Black Anodized Finish, Add	414.68	
For >10 To 20, Deduct	-110.86	
For >20 To 40, Deduct	-200.98	
For >40, Deduct	-422.70	
26 56 13 00-0408 EA 33' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,355.01	573.93
For Bronze Or Satin Anodized Finish, Add	220.72	
For Black Anodized Finish, Add	441.43	
For >10 To 20, Deduct	-116.98	
For >20 To 40, Deduct	-211.89	
For >40, Deduct	-445.86	
26 56 13 00-0409 EA 35' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,479.76	589.44
For Bronze Or Satin Anodized Finish, Add	230.09	
For Black Anodized Finish, Add	460.18	
For >10 To 20, Deduct	-121.51	
For >20 To 40, Deduct	-220.01	
For >40, Deduct	-463.02	
26 56 13 00-0410 EA 37' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,548.50	604.95
For Bronze Or Satin Anodized Finish, Add	233.86	
For Black Anodized Finish, Add	467.72	
For >10 To 20, Deduct	-123.79	
For >20 To 40, Deduct	-224.20	
For >40, Deduct	-471.78	
26 56 13 00-0411 EA 39' High, 10" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,758.98	620.46
For Bronze Or Satin Anodized Finish, Add	251.81	
For Black Anodized Finish, Add	503.61	
For >10 To 20, Deduct	-131.75	
For >20 To 40, Deduct	-238.31	
For >40, Deduct	-501.80	
26 56 13 00-0412 EA 28' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	2,801.31	527.39
For Bronze Or Satin Anodized Finish, Add	174.65	
For Black Anodized Finish, Add	349.30	
For >10 To 20, Deduct	-96.23	
For >20 To 40, Deduct	-175.00	
For >40, Deduct	-367.46	
26 56 13 00-0413 EA 30' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,013.09	558.41
For Bronze Or Satin Anodized Finish, Add	189.63	
For Black Anodized Finish, Add	379.25	
For >10 To 20, Deduct	-103.77	
For >20 To 40, Deduct	-188.58	
For >40, Deduct	-396.12	
26 56 13 00-0414 EA 33' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,095.55	573.93
For Bronze Or Satin Anodized Finish, Add	194.77	
For Black Anodized Finish, Add	389.54	
For >10 To 20, Deduct	-106.60	
For >20 To 40, Deduct	-193.73	
For >40, Deduct	-406.94	
26 56 13 00-0415 EA 35' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,309.45	589.44
For Bronze Or Satin Anodized Finish, Add	213.06	
For Black Anodized Finish, Add	426.11	
For >10 To 20, Deduct	-114.69	
For >20 To 40, Deduct	-208.08	
For >40, Deduct	-437.47	
26 56 13 00-0416 EA 37' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,413.62	604.95
For Bronze Or Satin Anodized Finish, Add	220.37	
For Black Anodized Finish, Add	440.74	
For >10 To 20, Deduct	-118.40	
For >20 To 40, Deduct	-214.76	
For >40, Deduct	-451.55	
26 56 13 00-0417 EA 39' High, 8" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,625.25	620.46
For Bronze Or Satin Anodized Finish, Add	238.43	
For Black Anodized Finish, Add	476.86	
For >10 To 20, Deduct	-126.40	
For >20 To 40, Deduct	-228.95	
For >40, Deduct	-481.74	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0418	EA	28' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,516.83	527.39
			<i>For Bronze Or Satin Anodized Finish, Add</i>	246.20	
			<i>For Black Anodized Finish, Add</i>	492.41	
			<i>For >10 To 20, Deduct</i>	-124.85	
			<i>For >20 To 40, Deduct</i>	-225.08	
			<i>For >40, Deduct</i>	-474.79	
26 56	13 00-0419	EA	30' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,718.33	558.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	260.15	
			<i>For Black Anodized Finish, Add</i>	520.30	
			<i>For >10 To 20, Deduct</i>	-131.98	
			<i>For >20 To 40, Deduct</i>	-237.95	
			<i>For >40, Deduct</i>	-501.91	
26 56	13 00-0420	EA	33' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	3,885.37	573.93
			<i>For Bronze Or Satin Anodized Finish, Add</i>	273.75	
			<i>For Black Anodized Finish, Add</i>	547.50	
			<i>For >10 To 20, Deduct</i>	-138.20	
			<i>For >20 To 40, Deduct</i>	-249.02	
			<i>For >40, Deduct</i>	-525.41	
26 56	13 00-0421	EA	35' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,144.99	589.44
			<i>For Bronze Or Satin Anodized Finish, Add</i>	296.61	
			<i>For Black Anodized Finish, Add</i>	593.22	
			<i>For >10 To 20, Deduct</i>	-148.12	
			<i>For >20 To 40, Deduct</i>	-266.57	
			<i>For >40, Deduct</i>	-562.80	
26 56	13 00-0422	EA	37' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,201.16	604.95
			<i>For Bronze Or Satin Anodized Finish, Add</i>	299.13	
			<i>For Black Anodized Finish, Add</i>	598.25	
			<i>For >10 To 20, Deduct</i>	-149.90	
			<i>For >20 To 40, Deduct</i>	-269.88	
			<i>For >40, Deduct</i>	-569.68	
26 56	13 00-0423	EA	39' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	4,459.65	620.46
			<i>For Bronze Or Satin Anodized Finish, Add</i>	321.87	
			<i>For Black Anodized Finish, Add</i>	643.74	
			<i>For >10 To 20, Deduct</i>	-159.77	
			<i>For >20 To 40, Deduct</i>	-287.36	
			<i>For >40, Deduct</i>	-606.90	
26 56	13 00-0424	EA	48' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,609.33	930.70
			<i>For Bronze Or Satin Anodized Finish, Add</i>	374.79	
			<i>For Black Anodized Finish, Add</i>	749.59	
			<i>For >10 To 20, Deduct</i>	-196.45	
			<i>For >20 To 40, Deduct</i>	-355.43	
			<i>For >40, Deduct</i>	-748.33	
26 56	13 00-0425	EA	50' High, 10" OD, 0.250", Round Tapered, Aluminum Area Light Pole, Anchor Base	5,751.06	930.70
			<i>For Bronze Or Satin Anodized Finish, Add</i>	388.97	
			<i>For Black Anodized Finish, Add</i>	777.93	
			<i>For >10 To 20, Deduct</i>	-202.12	
			<i>For >20 To 40, Deduct</i>	-365.35	
			<i>For >40, Deduct</i>	-769.59	
26 56	13 00-0426		Round Tapered, Aluminum Area Light Poles, Hinged Anchor Base <small>(26 56 13 00-0354)</small>		
26 56	13 00-0427	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	941.50	186.14
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	85.38	
			<i>For >10 To 20, Deduct</i>	-32.08	
			<i>For >20 To 40, Deduct</i>	-58.46	
			<i>For >40, Deduct</i>	-122.61	
26 56	13 00-0428	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,027.54	217.16
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	88.98	
			<i>For >10 To 20, Deduct</i>	-34.59	
			<i>For >20 To 40, Deduct</i>	-63.24	
			<i>For >40, Deduct</i>	-132.42	
26 56	13 00-0429	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,114.74	248.18
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	92.76	
			<i>For >10 To 20, Deduct</i>	-37.14	
			<i>For >20 To 40, Deduct</i>	-68.10	
			<i>For >40, Deduct</i>	-142.39	
26 56	13 00-0430	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,204.21	279.21
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	96.87	
			<i>For >10 To 20, Deduct</i>	-39.79	
			<i>For >20 To 40, Deduct</i>	-73.13	
			<i>For >40, Deduct</i>	-152.71	
26 56	13 00-0431	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,292.55	310.23
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	100.81	
			<i>For >10 To 20, Deduct</i>	-42.40	
			<i>For >20 To 40, Deduct</i>	-78.07	
			<i>For >40, Deduct</i>	-162.86	
26 56	13 00-0432	EA	10' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,041.26	217.16
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	91.04	
			<i>For >10 To 20, Deduct</i>	-35.14	
			<i>For >20 To 40, Deduct</i>	-64.20	
			<i>For >40, Deduct</i>	-134.47	
26 56	13 00-0433	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,130.74	248.18
			<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	95.16	
			<i>For >10 To 20, Deduct</i>	-37.78	
			<i>For >20 To 40, Deduct</i>	-69.22	
			<i>For >40, Deduct</i>	-144.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0434 EA 14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,222.50 99.61 -40.52 -74.41 -155.45	279.21
26 56 13 00-0435 EA 16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,313.12 103.90 -43.22 -79.51 -165.95	310.23
26 56 13 00-0436 EA 18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,418.61 110.42 -46.51 -85.65 -178.67	341.25
26 56 13 00-0437 EA 20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,175.81 115.39 -49.38 -91.08 -189.84	372.28
26 56 13 00-0438 EA 12' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,173.32 101.84 -39.57 -72.35 -151.48	248.18
26 56 13 00-0439 EA 14' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,272.79 107.16 -42.54 -77.93 -163.00	279.21
26 56 13 00-0440 EA 16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,383.99 114.53 -46.05 -84.47 -176.58	310.23
26 56 13 00-0441 EA 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,483.76 120.19 -49.11 -90.21 -188.44	341.25
26 56 13 00-0442 EA 20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,598.39 128.07 -52.77 -97.00 -202.53	372.28
26 56 13 00-0443 EA 16' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,449.14 124.30 -48.66 -89.03 -186.35	310.23
26 56 13 00-0444 EA 18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,571.77 133.39 -52.63 -96.37 -201.64	341.25
26 56 13 00-0445 EA 20' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,669.26 138.71 -55.60 -101.96 -213.16	372.28
26 56 13 00-0446 EA 12' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,210.75 107.16 -40.98 -74.83 -156.79	248.18
26 56 13 00-0447 EA 14' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,326.51 115.22 -44.68 -81.69 -171.06	279.21
26 56 13 00-0448 EA 16' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,449.14 124.30 -48.66 -89.03 -186.35	310.23
26 56 13 00-0449 EA 18' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,558.06 131.33 -52.08 -95.41 -199.58	341.25
26 56 13 00-0450 EA 20' High, 5" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base..... <i>For Bronze, Satin Or Black Anodized Finish, Add</i> <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,674.97 139.56 -55.83 -102.36 -214.02	372.28

26 Electrical
26 50 Lighting
26 56 Exterior Lighting



MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
26 56 13 00-0451	EA	16' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,523.44		310.23
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	135.45		
		<i>For >10 To 20, Deduct</i>	-51.63		
		<i>For >20 To 40, Deduct</i>	-94.23		
		<i>For >40, Deduct</i>	-197.49		
26 56 13 00-0452	EA	18' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,655.21		341.25
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	145.91		
		<i>For >10 To 20, Deduct</i>	-55.97		
		<i>For >20 To 40, Deduct</i>	-102.21		
		<i>For >40, Deduct</i>	-214.16		
26 56 13 00-0453	EA	20' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Hinged Anchor Base	1,758.41		372.28
		<i>For Bronze, Satin Or Black Anodized Finish, Add</i>	152.08		
		<i>For >10 To 20, Deduct</i>	-59.17		
		<i>For >20 To 40, Deduct</i>	-108.20		
		<i>For >40, Deduct</i>	-226.53		
26 56 13 00-0454		Round Tapered, Aluminum Area Light Poles, Direct Burial <small>(26 56 13 00-0354)</small>			
		Note: Includes rubberized undercoating on embedded portion.			
26 56 13 00-0455	EA	8' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	648.56		155.11
		<i>For Bronze Or Satin Anodized Finish, Add</i>	33.83		
		<i>For Black Anodized Finish, Add</i>	67.67		
		<i>For >10 To 20, Deduct</i>	-21.29		
		<i>For >20 To 40, Deduct</i>	-39.19		
		<i>For >40, Deduct</i>	-81.77		
26 56 13 00-0456	EA	10' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	680.57		155.11
		<i>For Bronze Or Satin Anodized Finish, Add</i>	37.03		
		<i>For Black Anodized Finish, Add</i>	74.07		
		<i>For >10 To 20, Deduct</i>	-22.57		
		<i>For >20 To 40, Deduct</i>	-41.44		
		<i>For >40, Deduct</i>	-86.57		
26 56 13 00-0457	EA	12' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	737.87		170.63
		<i>For Bronze Or Satin Anodized Finish, Add</i>	39.66		
		<i>For Black Anodized Finish, Add</i>	79.32		
		<i>For >10 To 20, Deduct</i>	-24.40		
		<i>For >20 To 40, Deduct</i>	-44.83		
		<i>For >40, Deduct</i>	-93.62		
26 56 13 00-0458	EA	14' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	787.19		186.14
		<i>For Bronze Or Satin Anodized Finish, Add</i>	41.49		
		<i>For Black Anodized Finish, Add</i>	82.98		
		<i>For >10 To 20, Deduct</i>	-25.90		
		<i>For >20 To 40, Deduct</i>	-47.66		
		<i>For >40, Deduct</i>	-99.46		
26 56 13 00-0459	EA	16' High, 4" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	828.34		186.14
		<i>For Bronze Or Satin Anodized Finish, Add</i>	45.61		
		<i>For Black Anodized Finish, Add</i>	91.21		
		<i>For >10 To 20, Deduct</i>	-27.55		
		<i>For >20 To 40, Deduct</i>	-50.54		
		<i>For >40, Deduct</i>	-105.64		
26 56 13 00-0460	EA	12' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	768.74		170.63
		<i>For Bronze Or Satin Anodized Finish, Add</i>	42.75		
		<i>For Black Anodized Finish, Add</i>	85.50		
		<i>For >10 To 20, Deduct</i>	-25.63		
		<i>For >20 To 40, Deduct</i>	-46.99		
		<i>For >40, Deduct</i>	-98.25		
26 56 13 00-0461	EA	14' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	831.77		186.14
		<i>For Bronze Or Satin Anodized Finish, Add</i>	45.95		
		<i>For Black Anodized Finish, Add</i>	91.90		
		<i>For >10 To 20, Deduct</i>	-27.69		
		<i>For >20 To 40, Deduct</i>	-50.78		
		<i>For >40, Deduct</i>	-106.15		
26 56 13 00-0462	EA	16' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	854.63		186.14
		<i>For Bronze Or Satin Anodized Finish, Add</i>	48.24		
		<i>For Black Anodized Finish, Add</i>	96.47		
		<i>For >10 To 20, Deduct</i>	-28.60		
		<i>For >20 To 40, Deduct</i>	-52.38		
		<i>For >40, Deduct</i>	-109.58		
26 56 13 00-0463	EA	18' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	922.23		201.65
		<i>For Bronze Or Satin Anodized Finish, Add</i>	51.89		
		<i>For Black Anodized Finish, Add</i>	103.79		
		<i>For >10 To 20, Deduct</i>	-30.84		
		<i>For >20 To 40, Deduct</i>	-56.49		
		<i>For >40, Deduct</i>	-118.17		
26 56 13 00-0464	EA	20' High, 5" OD, 0.125", Round Tapered, Aluminum Area Light Pole, Direct Burial	985.25		217.16
		<i>For Bronze Or Satin Anodized Finish, Add</i>	55.09		
		<i>For Black Anodized Finish, Add</i>	110.19		
		<i>For >10 To 20, Deduct</i>	-32.90		
		<i>For >20 To 40, Deduct</i>	-60.28		
		<i>For >40, Deduct</i>	-126.07		
26 56 13 00-0465	EA	16' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	920.92		186.14
		<i>For Bronze Or Satin Anodized Finish, Add</i>	54.86		
		<i>For Black Anodized Finish, Add</i>	109.73		
		<i>For >10 To 20, Deduct</i>	-31.25		
		<i>For >20 To 40, Deduct</i>	-57.02		
		<i>For >40, Deduct</i>	-119.52		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0466 EA 18' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	995.38	201.65
For Bronze Or Satin Anodized Finish, Add	59.21	
For Black Anodized Finish, Add	118.42	
For >10 To 20, Deduct	-33.77	
For >20 To 40, Deduct	-61.61	
For >40, Deduct	-129.14	
26 56 13 00-0467 EA 20' High, 5" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,064.12	217.16
For Bronze Or Satin Anodized Finish, Add	62.98	
For Black Anodized Finish, Add	125.96	
For >10 To 20, Deduct	-36.05	
For >20 To 40, Deduct	-65.80	
For >40, Deduct	-137.90	
26 56 13 00-0468 EA 18' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,089.11	201.65
For Bronze Or Satin Anodized Finish, Add	68.58	
For Black Anodized Finish, Add	137.16	
For >10 To 20, Deduct	-37.51	
For >20 To 40, Deduct	-68.17	
For >40, Deduct	-143.20	
26 56 13 00-0469 EA 25' High, 6" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,395.92	248.18
For Bronze Or Satin Anodized Finish, Add	89.96	
For Black Anodized Finish, Add	179.91	
For >10 To 20, Deduct	-48.39	
For >20 To 40, Deduct	-87.79	
For >40, Deduct	-184.57	
26 56 13 00-0470 EA 25' High, 6" OD, 0.188", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,525.08	248.18
For Bronze Or Satin Anodized Finish, Add	102.87	
For Black Anodized Finish, Add	205.74	
For >10 To 20, Deduct	-53.56	
For >20 To 40, Deduct	-96.83	
For >40, Deduct	-203.94	
26 56 13 00-0471 EA 30' High, 7" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,697.99	279.21
For Bronze Or Satin Anodized Finish, Add	113.96	
For Black Anodized Finish, Add	227.92	
For >10 To 20, Deduct	-59.54	
For >20 To 40, Deduct	-107.69	
For >40, Deduct	-226.78	
26 56 13 00-0472 EA 30' High, 8" OD, 0.156", Round Tapered, Aluminum Area Light Pole, Direct Burial	1,838.58	279.21
For Bronze Or Satin Anodized Finish, Add	128.02	
For Black Anodized Finish, Add	256.03	
For >10 To 20, Deduct	-65.17	
For >20 To 40, Deduct	-117.53	
For >40, Deduct	-247.87	
26 56 13 00-0473 Square Straight, Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0474 Square Straight, Aluminum Area Light Poles, Anchor Base <small>(26 56 13 00-0473)</small>		
26 56 13 00-0475 EA 8' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	844.34	186.14
For Bronze Or Satin Anodized Finish, Add	47.21	
For Black Anodized Finish, Add	94.41	
For >10 To 20, Deduct	-28.19	
For >20 To 40, Deduct	-51.66	
For >40, Deduct	-108.04	
26 56 13 00-0476 EA 10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	930.39	217.16
For Bronze Or Satin Anodized Finish, Add	49.61	
For Black Anodized Finish, Add	99.21	
For >10 To 20, Deduct	-30.70	
For >20 To 40, Deduct	-56.44	
For >40, Deduct	-117.84	
26 56 13 00-0477 EA 12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,025.58	248.18
For Bronze Or Satin Anodized Finish, Add	52.92	
For Black Anodized Finish, Add	105.84	
For >10 To 20, Deduct	-33.58	
For >20 To 40, Deduct	-61.86	
For >40, Deduct	-129.02	
26 56 13 00-0478 EA 14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,119.63	279.21
For Bronze Or Satin Anodized Finish, Add	56.12	
For Black Anodized Finish, Add	112.24	
For >10 To 20, Deduct	-36.41	
For >20 To 40, Deduct	-67.21	
For >40, Deduct	-140.02	
26 56 13 00-0479 EA 15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,171.23	294.72
For Bronze Or Satin Anodized Finish, Add	58.18	
For Black Anodized Finish, Add	116.36	
For >10 To 20, Deduct	-38.01	
For >20 To 40, Deduct	-70.20	
For >40, Deduct	-146.21	
26 56 13 00-0480 EA 16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,222.83	310.23
For Bronze Or Satin Anodized Finish, Add	60.24	
For Black Anodized Finish, Add	120.47	
For >10 To 20, Deduct	-39.61	
For >20 To 40, Deduct	-73.19	
For >40, Deduct	-152.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0481	EA	18' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,323.74	341.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	64.12	
			<i>For Black Anodized Finish, Add</i>	128.25	
			<i>For >10 To 20, Deduct</i>	-42.71	
			<i>For >20 To 40, Deduct</i>	-79.01	
			<i>For >40, Deduct</i>	-164.44	
26 56	13 00-0482	EA	20' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Anchor Base	1,434.94	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	69.04	
			<i>For Black Anodized Finish, Add</i>	138.08	
			<i>For >10 To 20, Deduct</i>	-46.23	
			<i>For >20 To 40, Deduct</i>	-85.55	
			<i>For >40, Deduct</i>	-178.01	
26 56	13 00-0483	EA	16' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,301.69	310.23
			<i>For Bronze Or Satin Anodized Finish, Add</i>	68.12	
			<i>For Black Anodized Finish, Add</i>	136.25	
			<i>For >10 To 20, Deduct</i>	-42.76	
			<i>For >20 To 40, Deduct</i>	-78.71	
			<i>For >40, Deduct</i>	-164.23	
26 56	13 00-0484	EA	18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,404.89	341.25
			<i>For Bronze Or Satin Anodized Finish, Add</i>	72.24	
			<i>For Black Anodized Finish, Add</i>	144.48	
			<i>For >10 To 20, Deduct</i>	-45.96	
			<i>For >20 To 40, Deduct</i>	-84.69	
			<i>For >40, Deduct</i>	-176.61	
26 56	13 00-0485	EA	20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,522.95	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	77.84	
			<i>For Black Anodized Finish, Add</i>	155.68	
			<i>For >10 To 20, Deduct</i>	-49.75	
			<i>For >20 To 40, Deduct</i>	-91.72	
			<i>For >40, Deduct</i>	-191.21	
26 56	13 00-0486	EA	15' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,514.14	294.72
			<i>For Bronze Or Satin Anodized Finish, Add</i>	92.47	
			<i>For Black Anodized Finish, Add</i>	184.94	
			<i>For >10 To 20, Deduct</i>	-51.72	
			<i>For >20 To 40, Deduct</i>	-94.20	
			<i>For >40, Deduct</i>	-197.65	
26 56	13 00-0487	EA	20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	1,850.99	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	110.64	
			<i>For Black Anodized Finish, Add</i>	221.29	
			<i>For >10 To 20, Deduct</i>	-62.87	
			<i>For >20 To 40, Deduct</i>	-114.68	
			<i>For >40, Deduct</i>	-240.42	
26 56	13 00-0488	EA	25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Anchor Base	2,242.05	496.37
			<i>For Bronze Or Satin Anodized Finish, Add</i>	124.93	
			<i>For Black Anodized Finish, Add</i>	249.86	
			<i>For >10 To 20, Deduct</i>	-74.79	
			<i>For >20 To 40, Deduct</i>	-137.09	
			<i>For >40, Deduct</i>	-286.67	
26 56	13 00-0489	EA	20' High, 4" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,593.82	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	84.93	
			<i>For Black Anodized Finish, Add</i>	169.85	
			<i>For >10 To 20, Deduct</i>	-52.58	
			<i>For >20 To 40, Deduct</i>	-96.68	
			<i>For >40, Deduct</i>	-201.85	
26 56	13 00-0490	EA	20' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	1,989.30	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	124.47	
			<i>For Black Anodized Finish, Add</i>	248.95	
			<i>For >10 To 20, Deduct</i>	-68.40	
			<i>For >20 To 40, Deduct</i>	-124.36	
			<i>For >40, Deduct</i>	-261.17	
26 56	13 00-0491	EA	25' High, 5" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,367.78	496.37
			<i>For Bronze Or Satin Anodized Finish, Add</i>	137.50	
			<i>For Black Anodized Finish, Add</i>	275.01	
			<i>For >10 To 20, Deduct</i>	-79.82	
			<i>For >20 To 40, Deduct</i>	-145.89	
			<i>For >40, Deduct</i>	-305.53	
26 56	13 00-0492	EA	20' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,206.47	372.28
			<i>For Bronze Or Satin Anodized Finish, Add</i>	146.19	
			<i>For Black Anodized Finish, Add</i>	292.38	
			<i>For >10 To 20, Deduct</i>	-77.09	
			<i>For >20 To 40, Deduct</i>	-139.56	
			<i>For >40, Deduct</i>	-293.74	
26 56	13 00-0493	EA	25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	2,651.25	496.37
			<i>For Bronze Or Satin Anodized Finish, Add</i>	165.85	
			<i>For Black Anodized Finish, Add</i>	331.70	
			<i>For >10 To 20, Deduct</i>	-91.16	
			<i>For >20 To 40, Deduct</i>	-165.73	
			<i>For >40, Deduct</i>	-348.05	
26 56	13 00-0494	EA	30' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Anchor Base	3,070.24	558.41
			<i>For Bronze Or Satin Anodized Finish, Add</i>	195.34	
			<i>For Black Anodized Finish, Add</i>	390.68	
			<i>For >10 To 20, Deduct</i>	-106.06	
			<i>For >20 To 40, Deduct</i>	-192.58	
			<i>For >40, Deduct</i>	-404.69	

26 56 13 00-0495 Square Straight, Aluminum Area Light Poles, Direct Burial (26 56 13 00-0473)

Note: Includes rubberized undercoating on embedded portion.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0496 EA 10' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	760.58	155.11
For Bronze Or Satin Anodized Finish, Add	45.04	
For Black Anodized Finish, Add	90.07	
For >10 To 20, Deduct	-25.77	
For >20 To 40, Deduct	-47.04	
For >40, Deduct	-98.58	
26 56 13 00-0497 EA 12' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	849.89	170.63
For Bronze Or Satin Anodized Finish, Add	50.86	
For Black Anodized Finish, Add	101.73	
For >10 To 20, Deduct	-28.88	
For >20 To 40, Deduct	-52.67	
For >40, Deduct	-110.42	
26 56 13 00-0498 EA 14' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	904.92	186.14
For Bronze Or Satin Anodized Finish, Add	53.26	
For Black Anodized Finish, Add	106.53	
For >10 To 20, Deduct	-30.61	
For >20 To 40, Deduct	-55.90	
For >40, Deduct	-117.12	
26 56 13 00-0499 EA 15' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	933.50	186.14
For Bronze Or Satin Anodized Finish, Add	56.12	
For Black Anodized Finish, Add	112.24	
For >10 To 20, Deduct	-31.76	
For >20 To 40, Deduct	-57.90	
For >40, Deduct	-121.41	
26 56 13 00-0500 EA 16' High, 4" OD, 0.125", Square Straight, Aluminum Area Light Pole, Direct Burial	968.93	186.14
For Bronze Or Satin Anodized Finish, Add	59.67	
For Black Anodized Finish, Add	119.33	
For >10 To 20, Deduct	-33.17	
For >20 To 40, Deduct	-60.38	
For >40, Deduct	-126.73	
26 56 13 00-0501 EA 18' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,121.11	201.65
For Bronze Or Satin Anodized Finish, Add	71.78	
For Black Anodized Finish, Add	143.56	
For >10 To 20, Deduct	-38.79	
For >20 To 40, Deduct	-70.41	
For >40, Deduct	-148.00	
26 56 13 00-0502 EA 20' High, 4" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,201.28	217.16
For Bronze Or Satin Anodized Finish, Add	76.70	
For Black Anodized Finish, Add	153.39	
For >10 To 20, Deduct	-41.54	
For >20 To 40, Deduct	-75.40	
For >40, Deduct	-158.48	
26 56 13 00-0503 EA 20' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,380.73	217.16
For Bronze Or Satin Anodized Finish, Add	94.64	
For Black Anodized Finish, Add	189.28	
For >10 To 20, Deduct	-48.71	
For >20 To 40, Deduct	-87.96	
For >40, Deduct	-185.39	
26 56 13 00-0504 EA 25' High, 5" OD, 0.188", Square Straight, Aluminum Area Light Pole, Direct Burial	1,586.80	248.18
For Bronze Or Satin Anodized Finish, Add	109.04	
For Black Anodized Finish, Add	218.09	
For >10 To 20, Deduct	-56.03	
For >20 To 40, Deduct	-101.15	
For >40, Deduct	-213.20	
26 56 13 00-0505 EA 25' High, 6" OD, 0.250", Square Straight, Aluminum Area Light Pole, Direct Burial	1,988.00	248.18
For Bronze Or Satin Anodized Finish, Add	149.16	
For Black Anodized Finish, Add	298.33	
For >10 To 20, Deduct	-72.07	
For >20 To 40, Deduct	-129.23	
For >40, Deduct	-273.38	
26 56 13 00-0506 Factory Accessories For Aluminum Area Light Poles <small>(26 56 13 00-0294)</small>		
26 56 13 00-0507 EA 1/2", 3/4" Or 1" Factory Threaded Pipe Coupling Or Nipple For Aluminum Area Light Poles	91.25	
26 56 13 00-0508 EA Extra Handhole For Aluminum Area Light Poles	42.60	
26 56 13 00-0509 EA Vibration Dampener For Aluminum Area Light Poles	138.04	
26 56 13 00-0510 Fiberglass Area Light Poles <small>(26 56 13 00-0177)</small>		
Note: Includes UV resistant textured weave finish, anchor bolts, base cover, reinforced handhole with cover and grounding provisions and tenon top.		
26 56 13 00-0511 Round Tapered, Fiberglass Area Light Poles <small>(26 56 13 00-0510)</small>		
26 56 13 00-0512 Round Tapered, Fiberglass Area Light Poles, Anchor Base <small>(26 56 13 00-0511)</small>		
26 56 13 00-0513 EA 10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,284.02	217.16
For >10 To 20, Deduct	-44.85	
For >20 To 40, Deduct	-81.20	
For >40, Deduct	-170.89	
26 56 13 00-0514 EA 12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,396.65	248.18
For >10 To 20, Deduct	-48.42	
For >20 To 40, Deduct	-87.84	
For >40, Deduct	-184.68	
26 56 13 00-0515 EA 14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base	1,510.71	279.21
For >10 To 20, Deduct	-52.05	
For >20 To 40, Deduct	-94.58	
For >40, Deduct	-198.69	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0516	EA	16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,623.34	310.23
			<i>For >10 To 20, Deduct</i>	-55.63	
			<i>For >20 To 40, Deduct</i>	-101.22	
			<i>For >40, Deduct</i>	-212.48	
26 56	13 00-0517	EA	18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,761.98	341.25
			<i>For >10 To 20, Deduct</i>	-60.24	
			<i>For >20 To 40, Deduct</i>	-109.69	
			<i>For >40, Deduct</i>	-230.17	
26 56	13 00-0518	EA	20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,877.49	372.28
			<i>For >10 To 20, Deduct</i>	-63.93	
			<i>For >20 To 40, Deduct</i>	-116.53	
			<i>For >40, Deduct</i>	-244.40	
26 56	13 00-0519	EA	22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,053.61	434.32
			<i>For >10 To 20, Deduct</i>	-69.11	
			<i>For >20 To 40, Deduct</i>	-126.38	
			<i>For >40, Deduct</i>	-264.61	
26 56	13 00-0520	EA	24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,228.27	496.37
			<i>For >10 To 20, Deduct</i>	-74.24	
			<i>For >20 To 40, Deduct</i>	-136.12	
			<i>For >40, Deduct</i>	-284.60	
26 56	13 00-0521	EA	26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,345.33	496.37
			<i>For >10 To 20, Deduct</i>	-78.92	
			<i>For >20 To 40, Deduct</i>	-144.32	
			<i>For >40, Deduct</i>	-302.16	
26 56	13 00-0522	EA	28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,509.98	527.39
			<i>For >10 To 20, Deduct</i>	-84.58	
			<i>For >20 To 40, Deduct</i>	-154.60	
			<i>For >40, Deduct</i>	-323.76	
26 56	13 00-0523	EA	30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,674.63	558.41
			<i>For >10 To 20, Deduct</i>	-90.23	
			<i>For >20 To 40, Deduct</i>	-164.89	
			<i>For >40, Deduct</i>	-345.35	
26 56	13 00-0524	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,416.97	217.16
			<i>For >10 To 20, Deduct</i>	-50.16	
			<i>For >20 To 40, Deduct</i>	-90.50	
			<i>For >40, Deduct</i>	-190.83	
26 56	13 00-0525	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,503.58	248.18
			<i>For >10 To 20, Deduct</i>	-52.70	
			<i>For >20 To 40, Deduct</i>	-95.32	
			<i>For >40, Deduct</i>	-200.72	
26 56	13 00-0526	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,591.64	279.21
			<i>For >10 To 20, Deduct</i>	-55.29	
			<i>For >20 To 40, Deduct</i>	-100.25	
			<i>For >40, Deduct</i>	-210.83	
26 56	13 00-0527	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,682.59	310.23
			<i>For >10 To 20, Deduct</i>	-58.00	
			<i>For >20 To 40, Deduct</i>	-105.37	
			<i>For >40, Deduct</i>	-221.37	
26 56	13 00-0528	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,780.76	341.25
			<i>For >10 To 20, Deduct</i>	-60.99	
			<i>For >20 To 40, Deduct</i>	-111.00	
			<i>For >40, Deduct</i>	-232.99	
26 56	13 00-0529	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,877.49	372.28
			<i>For >10 To 20, Deduct</i>	-63.93	
			<i>For >20 To 40, Deduct</i>	-116.53	
			<i>For >40, Deduct</i>	-244.40	
26 56	13 00-0530	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,036.27	434.32
			<i>For >10 To 20, Deduct</i>	-68.42	
			<i>For >20 To 40, Deduct</i>	-125.17	
			<i>For >40, Deduct</i>	-262.01	
26 56	13 00-0531	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,228.27	496.37
			<i>For >10 To 20, Deduct</i>	-74.24	
			<i>For >20 To 40, Deduct</i>	-136.12	
			<i>For >40, Deduct</i>	-284.60	
26 56	13 00-0532	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,277.41	496.37
			<i>For >10 To 20, Deduct</i>	-76.21	
			<i>For >20 To 40, Deduct</i>	-139.56	
			<i>For >40, Deduct</i>	-291.97	
26 56	13 00-0533	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,390.03	527.39
			<i>For >10 To 20, Deduct</i>	-79.78	
			<i>For >20 To 40, Deduct</i>	-146.21	
			<i>For >40, Deduct</i>	-305.77	
26 56	13 00-0534	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	2,502.66	558.41
			<i>For >10 To 20, Deduct</i>	-83.35	
			<i>For >20 To 40, Deduct</i>	-152.85	
			<i>For >40, Deduct</i>	-319.56	
26 56	13 00-0535	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,612.05	217.16
			<i>For >10 To 20, Deduct</i>	-57.97	
			<i>For >20 To 40, Deduct</i>	-104.16	
			<i>For >40, Deduct</i>	-220.09	
26 56	13 00-0536	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,718.90	248.18
			<i>For >10 To 20, Deduct</i>	-61.31	
			<i>For >20 To 40, Deduct</i>	-110.40	
			<i>For >40, Deduct</i>	-233.02	
26 56	13 00-0537	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base.....	1,825.74	279.21
			<i>For >10 To 20, Deduct</i>	-64.65	
			<i>For >20 To 40, Deduct</i>	-116.63	
			<i>For >40, Deduct</i>	-245.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0538 EA 16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,934.03 -68.05 -122.97 -259.08	310.23
26 56 13 00-0539 EA 18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,048.10 -71.69 -129.72 -273.09	341.25
26 56 13 00-0540 EA 20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,170.84 -75.67 -137.07 -288.40	372.28
26 56 13 00-0541 EA 22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,368.63 -81.72 -148.43 -311.86	434.32
26 56 13 00-0542 EA 24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,567.87 -87.82 -159.90 -335.54	496.37
26 56 13 00-0543 EA 26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,643.01 -90.83 -165.16 -346.81	496.37
26 56 13 00-0544 EA 28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,823.56 -97.12 -176.55 -370.79	527.39
26 56 13 00-0545 EA 30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	2,970.86 -102.08 -185.62 -389.79	558.41
26 56 13 00-0546 EA 32' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,087.14 -106.27 -193.14 -405.68	573.93
26 56 13 00-0547 EA 34' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Anchor Base..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	3,203.42 -110.45 -200.66 -421.57	589.44
26 56 13 00-0548 Round Tapered, Fiberglass Area Light Poles, Direct Burial <small>(26 56 13 00-0511)</small>		
26 56 13 00-0549 EA 10' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	795.77 -27.18 -49.50 -103.85	155.11
26 56 13 00-0550 EA 12' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	854.25 -29.05 -52.97 -111.08	170.63
26 56 13 00-0551 EA 14' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	911.29 -30.87 -56.34 -118.08	186.14
26 56 13 00-0552 EA 16' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	935.86 -31.85 -58.06 -121.77	186.14
26 56 13 00-0553 EA 18' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,007.34 -34.24 -62.45 -130.94	201.65
26 56 13 00-0554 EA 20' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,067.26 -36.18 -66.02 -138.37	217.16
26 56 13 00-0555 EA 22' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,131.52 -38.28 -69.90 -146.46	232.68
26 56 13 00-0556 EA 24' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,203.01 -40.67 -74.28 -155.63	248.18
26 56 13 00-0557 EA 26' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,341.74 -46.22 -83.99 -176.44	248.18
26 56 13 00-0558 EA 28' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,511.48 -52.55 -95.26 -200.35	263.70
26 56 13 00-0559 EA 30' High, 3.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial..... <i>For >10 To 20, Deduct</i> <i>For >20 To 40, Deduct</i> <i>For >40, Deduct</i>	1,681.23 -58.87 -106.52 -224.26	279.21

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0560	EA	10' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	928.72	155.11
			<i>For >10 To 20, Deduct</i>	-32.50	
			<i>For >20 To 40, Deduct</i>	-58.81	
			<i>For >40, Deduct</i>	-123.80	
26 56	13 00-0561	EA	12' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	994.42	170.63
			<i>For >10 To 20, Deduct</i>	-34.66	
			<i>For >20 To 40, Deduct</i>	-62.78	
			<i>For >40, Deduct</i>	-132.10	
26 56	13 00-0562	EA	14' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,060.13	186.14
			<i>For >10 To 20, Deduct</i>	-36.82	
			<i>For >20 To 40, Deduct</i>	-66.76	
			<i>For >40, Deduct</i>	-140.41	
26 56	13 00-0563	EA	16' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,096.26	186.14
			<i>For >10 To 20, Deduct</i>	-38.27	
			<i>For >20 To 40, Deduct</i>	-69.29	
			<i>For >40, Deduct</i>	-145.83	
26 56	13 00-0564	EA	18' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,161.96	201.65
			<i>For >10 To 20, Deduct</i>	-40.43	
			<i>For >20 To 40, Deduct</i>	-73.27	
			<i>For >40, Deduct</i>	-154.13	
26 56	13 00-0565	EA	20' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,227.66	217.16
			<i>For >10 To 20, Deduct</i>	-42.59	
			<i>For >20 To 40, Deduct</i>	-77.25	
			<i>For >40, Deduct</i>	-162.43	
26 56	13 00-0566	EA	22' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,293.37	232.68
			<i>For >10 To 20, Deduct</i>	-44.75	
			<i>For >20 To 40, Deduct</i>	-81.23	
			<i>For >40, Deduct</i>	-170.74	
26 56	13 00-0567	EA	24' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,392.31	248.18
			<i>For >10 To 20, Deduct</i>	-48.25	
			<i>For >20 To 40, Deduct</i>	-87.53	
			<i>For >40, Deduct</i>	-184.03	
26 56	13 00-0568	EA	26' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,526.70	248.18
			<i>For >10 To 20, Deduct</i>	-53.62	
			<i>For >20 To 40, Deduct</i>	-96.94	
			<i>For >40, Deduct</i>	-204.19	
26 56	13 00-0569	EA	28' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,693.56	263.70
			<i>For >10 To 20, Deduct</i>	-59.83	
			<i>For >20 To 40, Deduct</i>	-108.00	
			<i>For >40, Deduct</i>	-227.66	
26 56	13 00-0570	EA	30' High, 4.5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,858.97	279.21
			<i>For >10 To 20, Deduct</i>	-65.98	
			<i>For >20 To 40, Deduct</i>	-118.96	
			<i>For >40, Deduct</i>	-250.93	
26 56	13 00-0571	EA	10' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,045.77	155.11
			<i>For >10 To 20, Deduct</i>	-37.18	
			<i>For >20 To 40, Deduct</i>	-67.00	
			<i>For >40, Deduct</i>	-141.35	
26 56	13 00-0572	EA	12' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,102.80	170.63
			<i>For >10 To 20, Deduct</i>	-38.99	
			<i>For >20 To 40, Deduct</i>	-70.37	
			<i>For >40, Deduct</i>	-148.36	
26 56	13 00-0573	EA	14' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,158.40	186.14
			<i>For >10 To 20, Deduct</i>	-40.75	
			<i>For >20 To 40, Deduct</i>	-73.64	
			<i>For >40, Deduct</i>	-155.15	
26 56	13 00-0574	EA	16' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,182.96	186.14
			<i>For >10 To 20, Deduct</i>	-41.73	
			<i>For >20 To 40, Deduct</i>	-75.36	
			<i>For >40, Deduct</i>	-158.83	
26 56	13 00-0575	EA	18' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,238.55	201.65
			<i>For >10 To 20, Deduct</i>	-43.49	
			<i>For >20 To 40, Deduct</i>	-78.63	
			<i>For >40, Deduct</i>	-165.62	
26 56	13 00-0576	EA	20' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,295.58	217.16
			<i>For >10 To 20, Deduct</i>	-45.31	
			<i>For >20 To 40, Deduct</i>	-82.00	
			<i>For >40, Deduct</i>	-172.62	
26 56	13 00-0577	EA	22' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,401.75	232.68
			<i>For >10 To 20, Deduct</i>	-49.09	
			<i>For >20 To 40, Deduct</i>	-88.82	
			<i>For >40, Deduct</i>	-187.00	
26 56	13 00-0578	EA	24' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,525.26	248.18
			<i>For >10 To 20, Deduct</i>	-53.56	
			<i>For >20 To 40, Deduct</i>	-96.84	
			<i>For >40, Deduct</i>	-203.97	
26 56	13 00-0579	EA	26' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,609.07	248.18
			<i>For >10 To 20, Deduct</i>	-56.92	
			<i>For >20 To 40, Deduct</i>	-102.71	
			<i>For >40, Deduct</i>	-216.54	
26 56	13 00-0580	EA	28' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,725.35	263.70
			<i>For >10 To 20, Deduct</i>	-61.10	
			<i>For >20 To 40, Deduct</i>	-110.23	
			<i>For >40, Deduct</i>	-232.43	
26 56	13 00-0581	EA	30' High, 5" Top OD, Round Tapered, Fiberglass Area Light Pole, Direct Burial.....	1,841.63	279.21
			<i>For >10 To 20, Deduct</i>	-65.29	
			<i>For >20 To 40, Deduct</i>	-117.75	
			<i>For >40, Deduct</i>	-248.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0582 Factory Accessories For Fiberglass Area Light Poles <small>(26 56 13 00-0510)</small>		
26 56 13 00-0583 EA Open Or Capped Top For Fiberglass Area Light Poles	51.23	
26 56 13 00-0584 EA Factory Side Drilling Up To Four Fixtures On Fiberglass Area Light Poles	51.23	
26 56 13 00-0585 EA Smooth Shaft Finish For Fiberglass Area Light Poles	97.21	
26 56 13 00-0586 EA Vibration Dampener For Fiberglass Area Light Poles	128.74	
26 56 13 00-0587 Concrete Area Light Poles <small>(26 56 13 00-0177)</small>		
26 56 13 00-0588 Octagonal Tapered, Spun Concrete Area Light Poles, Anchor Base <small>(26 56 13 00-0587)</small>		
26 56 13 00-0589 EA 28' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	1,993.77	527.39
26 56 13 00-0590 EA 30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,102.77	558.41
26 56 13 00-0591 EA 33' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,179.65	573.93
26 56 13 00-0592 EA 36' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,673.38	589.44
26 56 13 00-0593 EA 38' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	2,959.60	620.46
26 56 13 00-0594 EA 43' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	3,674.61	806.61
26 56 13 00-0595 EA 47' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,410.01	992.74
26 56 13 00-0596 EA 27' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,146.24	527.39
26 56 13 00-0597 EA 30' High, Octagonal Tapered, Spun Concrete Area Light Pole, Anchor Base	4,770.38	558.41
26 56 13 00-0598 EA Pole Adapter Base Plate, Galvanized Steel, 1" Thick For Adapting Up To 40'	656.77	186.14
26 56 13 00-0599 EA 13' High Concrete Octagonal Area Light Pole, Pink With Acrylic Coating, Finish Design	2,481.55	372.16
26 56 13 00-0600 EA Pole Base Cover For All Octagon Poles	254.03	75.95
26 56 13 00-0601 EA Pole Arms 24" Long, Square, 250 Watt Fixture, Dark, Architectural Bronze	521.91	151.89
26 56 13 00-0602 Tapered, Spun Concrete Area Light Poles, Direct Burial <small>(26 56 13 00-0587)</small>		
26 56 13 00-0603 EA 13' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,047.45	248.18
26 56 13 00-0604 EA 16' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,322.39	310.23
26 56 13 00-0605 EA 18' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	2,573.26	372.28
26 56 13 00-0606 EA 30' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	3,597.26	558.41
26 56 13 00-0607 EA 35' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,132.04	589.44
26 56 13 00-0608 EA 40' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	4,709.54	620.46
26 56 13 00-0609 EA 45' High, Tapered, Spun Concrete Area Light Pole, Direct Burial	5,485.34	806.61
26 56 13 00-0610 Round Tapered, Spun Concrete Area Light Poles, Direct Burial <small>(26 56 13 00-0587)</small>		
26 56 13 00-0611 EA 60' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 60 9-22)	17,999.62	1,396.04
26 56 13 00-0612 EA 70' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C2 70 9-24)	21,443.72	1,705.86
26 56 13 00-0613 EA 80' High, Round Tapered, Spun Concrete Area Light Pole, Direct Burial (Lithonia SPRTC C1 80 9-26)	25,424.00	2,304.41
26 56 13 00-0614 Treated Wood Area Light Poles <small>(26 56 13 00-0177)</small>		
See CSI section 26 05 46 00-0001 for wood poles.		
26 56 13 00-0615 Cast Iron Decorative Light Posts <small>(26 56 13 00-0177)</small>		
26 56 13 00-0616 Round Tapered, Cast Iron Decorative Light Post, Anchor Base <small>(26 56 13 00-0615)</small>		
Note: As manufactured by Hadco and King Luminaries or an approved equal.		
26 56 13 00-0617 EA 10' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,517.87	155.11
26 56 13 00-0618 EA 12' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,597.10	178.69
26 56 13 00-0619 EA 14' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	1,733.72	186.14
26 56 13 00-0620 EA 16' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,132.91	217.16
26 56 13 00-0621 EA 18' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,495.45	235.78
26 56 13 00-0622 EA 20' High, Round Tapered, Cast Iron Decorative Light Post, Anchor Base	2,875.74	254.39
26 56 13 00-0623 Landscape Light Poles <small>(26 56 13 00-0001)</small>		
Note: Excludes lighting fixtures.		
26 56 13 00-0624 Aluminum Landscape Light Poles <small>(26 56 13 00-0623)</small>		
Note: Includes painted finish.		
26 56 13 00-0625 Round Straight, Aluminum Landscape Light Poles <small>(26 56 13 00-0624)</small>		
26 56 13 00-0626 Round Straight, Aluminum Landscape Light Poles, Anchor Base <small>(26 56 13 00-0625)</small>		
26 56 13 00-0627 EA 7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	474.00	186.14
26 56 13 00-0628 EA 12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Anchor Base	818.29	248.18
26 56 13 00-0629 Round Straight, Aluminum Landscape Light Poles, Direct Burial <small>(26 56 13 00-0625)</small>		
26 56 13 00-0630 EA 7' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	426.13	186.14
26 56 13 00-0631 EA 12' High, 3" OD, Round Straight, Aluminum Landscape Light Pole, Direct Burial	770.42	248.18
26 56 13 00-0632 Steel Landscape Light Poles <small>(26 56 13 00-0623)</small>		
Note: Includes painted finish.		
26 56 13 00-0633 Round Straight, Steel Landscape Light Poles <small>(26 56 13 00-0632)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0634			Round Straight, Steel Landscape Light Poles, Anchor Base (26 56 13 00-0633)		
26 56 13 00-0635	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Anchor Base.....	528.06	186.14
26 56 13 00-0636			Round Straight, Steel Landscape Light Poles, Direct Burial (26 56 13 00-0633)		
26 56 13 00-0637	EA		6'-8" High, 3" OD, Round Straight, Steel Landscape Light Pole, Direct Burial.....	493.17	186.14
26 56 13 00-0638			Light Pole Brackets And Arms (26 56 13 00-0001)		
26 56 13 00-0639			Light Pole Brackets (26 56 13 00-0638)		
26 56 13 00-0640			Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0639)		
26 56 13 00-0641			Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0640)		
26 56 13 00-0642			Steel, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0641) Note: Includes powdercoat finish.		
26 56 13 00-0643	EA		Two Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	699.19	37.23
			For Galvanized Finish, Add	62.47	
26 56 13 00-0644	EA		Three Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	887.68	37.23
			For Galvanized Finish, Add	81.32	
26 56 13 00-0645	EA		Three Tenons At 120 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	945.22	37.23
			For Galvanized Finish, Add	87.08	
26 56 13 00-0646	EA		Four Tenons At 90 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	1,300.36	37.23
			For Galvanized Finish, Add	122.59	
26 56 13 00-0647	EA		Four Tenons At 180 Degrees, Steel, Round Bullhorn Style, Pole Top Area Light Bracket.....	1,355.67	37.23
			For Galvanized Finish, Add	128.12	
26 56 13 00-0648			Aluminum, Round Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0641) Note: Includes satin brushed or painted finish.		
26 56 13 00-0649	EA		Two Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	260.77	37.23
			For Bronze Or Satin Anodized Finish, Add	18.63	
			For Black Anodized Finish, Add	37.26	
26 56 13 00-0650	EA		Three Tenons At 120 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	320.21	37.23
			For Bronze Or Satin Anodized Finish, Add	24.58	
			For Black Anodized Finish, Add	49.15	
26 56 13 00-0651	EA		Three Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	336.21	37.23
			For Bronze Or Satin Anodized Finish, Add	26.18	
			For Black Anodized Finish, Add	52.35	
26 56 13 00-0652	EA		Four Tenons At 90 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	392.22	37.23
			For Bronze Or Satin Anodized Finish, Add	31.78	
			For Black Anodized Finish, Add	63.55	
26 56 13 00-0653	EA		Four Tenons At 180 Degrees, Aluminum, Round Bullhorn Style, Pole Top Area Light Bracket.....	403.65	37.23
			For Bronze Or Satin Anodized Finish, Add	32.92	
			For Black Anodized Finish, Add	65.84	
26 56 13 00-0654			Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0640)		
26 56 13 00-0655			Steel, Square Bullhorn Style, Pole Top Area Light Brackets (26 56 13 00-0654) Note: Includes powdercoat finish.		
26 56 13 00-0656	EA		Two Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	753.01	37.23
			For Galvanized Finish, Add	67.86	
26 56 13 00-0657	EA		Three Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	933.56	37.23
			For Galvanized Finish, Add	85.91	
26 56 13 00-0658	EA		Four Tenons At 180 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	1,145.61	37.23
			For Galvanized Finish, Add	107.12	
26 56 13 00-0659	EA		Four Tenons At 90 Degrees, Steel, Square Bullhorn Style, Pole Top Area Light Bracket.....	1,358.72	37.23
			For Galvanized Finish, Add	128.42	
26 56 13 00-0660			Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0639)		
26 56 13 00-0661			Steel, Wood Pole Clamp On Style, Pole Top Area Light Brackets (26 56 13 00-0660) Note: Includes powdercoat finish.		
26 56 13 00-0662	EA		One Tenon, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	701.95	62.05
26 56 13 00-0663	EA		Two Tenons At 90, 120 Or 180 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	1,071.48	62.05
26 56 13 00-0664	EA		Three Tenons At 120 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	1,508.72	62.05
26 56 13 00-0665	EA		Four Tenons At 90 Degrees, Steel, Wood Pole Clamp On Style, Pole Top Area Light Bracket.....	1,652.56	62.05
26 56 13 00-0666			Light Pole Arms (26 56 13 00-0638)		
26 56 13 00-0667			Wood Pole Streetlight Arms (26 56 13 00-0666)		
26 56 13 00-0668			Steel, Wood Pole Streetlight Arms (26 56 13 00-0667)		
26 56 13 00-0669	EA		1-1/4" Arm Diameter, 2-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	399.87	55.84
26 56 13 00-0670	EA		1-1/4" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	421.95	62.05
26 56 13 00-0671	EA		1-1/4" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	486.95	77.56
26 56 13 00-0672	EA		2" Arm Diameter, 3-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	599.03	62.05
26 56 13 00-0673	EA		2" Arm Diameter, 5-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	663.53	77.56
26 56 13 00-0674	EA		2" Arm Diameter, 7-1/2' Arm Length, Galvanized Steel, Wood Pole Streetlight Arm, Bolt Mount.....	805.91	93.07

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 13 00-0675			Aluminum, Wood Pole Streetlight Arms (26 56 13 00-0667)		
26 56 13 00-0676	EA		1-1/4" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	252.08	62.05
26 56 13 00-0677	EA		2" Arm Diameter, 42" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	317.72	62.05
26 56 13 00-0678	EA		2" Arm Diameter, 66" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	426.73	77.56
26 56 13 00-0679	EA		2" Arm Diameter, 90" Arm Length, Aluminum Arm, Wood Pole Streetlight Arm, Bolt Mount.....	562.94	93.07
26 56 13 00-0680			Area Light Arms (26 56 13 00-0666)		
26 56 13 00-0681			Steel Area Light Arms (26 56 13 00-0680)		
26 56 13 00-0682	EA		Single, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....	782.95	62.05
26 56 13 00-0683	EA		Two, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,240.60	68.25
26 56 13 00-0684	EA		Three, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,379.12	74.46
26 56 13 00-0685	EA		Four, 2.38" Arm Diameter, 4' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,641.18	80.66
26 56 13 00-0686	EA		Single, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arm, Hub Mount.....	932.36	77.56
26 56 13 00-0687	EA		Two, 2.38" Arm Diameter, 6' Arm Length, Upsweep Style, Steel Area Light Arms, Hub Mount.....	1,343.70	83.76
26 56 13 00-0688			Aluminum Area Light Arms (26 56 13 00-0680)		
26 56 13 00-0689	EA		Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	310.40	62.05
26 56 13 00-0690	EA		Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	382.57	77.56
26 56 13 00-0691	EA		Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Bolt Mount.....	457.03	93.07
26 56 13 00-0692	EA		Single, 4' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	308.11	62.05
26 56 13 00-0693	EA		Two, 4' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	443.97	68.25
26 56 13 00-0694	EA		Single, 6' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	378.00	77.56
26 56 13 00-0695	EA		Two, 6' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	541.29	83.76
26 56 13 00-0696	EA		Single, 8' Arm Length, Mast Style, Aluminum Area Light Arm, Hub Mount.....	459.32	93.07
26 56 13 00-0697	EA		Two, 8' Arm Length, Mast Style, Aluminum Area Light Arms, Hub Mount.....	658.04	99.28
26 56 13 00-0698			Removal And Reinstallation Of Lighting Pole (26 56 13 00-0001)		
26 56 13 00-0699	EA		Removal And Relocation Of Up To 45' Lighting Pole And Standards With One Or Two Arms.....	2,047.74	
26 56 13 00-0700			High Mast Lighting (26 56 13 00-0001)		
26 56 13 00-0701			High Mast Lighting Assemblies (26 56 13 00-0700)		
Note: Includes non-latching system, ring assembly with internal bumper, acrylic top cover, pulley supports, cast arm filter for pipe tension, transition assembly, standard head frame assembly, standard hoist, and powder coated pole.					
26 56 13 00-0702	EA		60' High Mast Lighting Assembly.....	55,580.04	1,893.57
26 56 13 00-0703	EA		70' High Mast Lighting Assembly.....	58,713.16	1,983.24
26 56 13 00-0704	EA		80' High Mast Lighting Assembly.....	61,873.74	2,112.76
26 56 13 00-0705	EA		90' High Mast Lighting Assembly.....	65,059.85	2,282.15
26 56 13 00-0706	EA		100' High Mast Lighting Assembly.....	68,258.46	2,491.32
26 56 13 00-0707	EA		110' High Mast Lighting Assembly.....	72,374.14	2,740.64
26 56 13 00-0708	EA		120' High Mast Lighting Assembly.....	75,691.41	2,989.75
26 56 13 00-0709	EA		130' High Mast Lighting Assembly.....	78,751.33	3,238.87
26 56 13 00-0710	EA		140' High Mast Lighting Assembly.....	82,068.61	3,488.10
26 56 13 00-0711	EA		150' High Mast Lighting Assembly.....	86,114.04	3,737.22
26 56 13 00-0712			High Mast Light Poles (26 56 13 00-0700)		
26 56 13 00-0713	EA		60' High Mast Light Poles.....	20,978.11	1,137.25
26 56 13 00-0714	EA		70' High Mast Light Poles.....	24,084.31	1,191.12
26 56 13 00-0715	EA		80' High Mast Light Poles.....	27,205.98	1,268.92
26 56 13 00-0716	EA		90' High Mast Light Poles.....	30,341.22	1,370.68
26 56 13 00-0717	EA		100' High Mast Light Poles.....	33,491.94	1,496.38
26 56 13 00-0718	EA		110' High Mast Light Poles.....	36,658.14	1,646.01
26 56 13 00-0719	EA		120' High Mast Light Poles.....	39,042.80	1,795.65
26 56 13 00-0720	EA		130' High Mast Light Poles.....	39,222.93	3,327.93
26 56 13 00-0721	EA		140' High Mast Light Poles.....	43,552.88	2,094.92
26 56 13 00-0722	EA		150' High Mast Light Poles.....	46,196.78	2,244.55
26 56 13 00-0723			High Mast Lighting Accessories (26 56 13 00-0700)		
26 56 13 00-0724	EA		Bottom Latching System For High Mast Lighting.....	970.01	
26 56 13 00-0725	EA		Top Latching System For High Mast Lighting.....	2,762.30	
26 56 13 00-0726	EA		Centering Springs For High Mast Lighting.....	2,092.21	
26 56 13 00-0727	EA		Electric Power Cord For High Mast Lighting.....	875.05	
26 56 13 00-0728	EA		Aircraft Warning Lights For High Mast Lighting.....	1,622.81	
26 56 13 00-0729	EA		Internal Motorized Hoist For High Mast Lighting.....	18,031.60	
26 56 13 00-0730	EA		Portable Hoist Motor With Step Down Transformer For High Mast Lighting.....	18,124.26	
26 56 13 00-0731			Concrete Bases (26 56 13 00-0001)		
26 56 13 00-0732			Concrete Bases, Cast In Place (26 56 13 00-0731)		
Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill. Excludes conduit.					

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	13 00-0733	EA	Cast In Place Concrete Base For Poles Minimum Charge	339.69	
			Note: For projects where the cast in place concrete base for poles charge is less than the minimum charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
26 56	13 00-0734	VLF	1-1/2' Diameter Concrete Base For Poles	61.83	
26 56	13 00-0735	VLF	2' Diameter Concrete Base For Poles.....	84.89	
26 56	13 00-0736	VLF	2-1/2' Diameter Concrete Base For Poles	112.92	
26 56	13 00-0737	VLF	3' Diameter Concrete Base For Poles.....	146.83	
26 56	13 00-0738	VLF	3-1/2' Diameter Concrete Base For Poles	194.48	
26 56	13 00-0739	VLF	4' Diameter Concrete Base For Poles.....	243.24	
26 56	13 00-0740	VLF	5' Diameter Concrete Base For Poles.....	350.84	
26 56	13 00-0741	VLF	6' Diameter Concrete Base For Poles.....	480.56	
26 56 17			Fluorescent Exterior Lighting (26 56)		
26 56 17 00-0001			High Abuse Fixtures (26 56 17)		
26 56 17 00-0002	EA		2 Lamp, 32 Watt, 4', Fluorescent Fixture Ceiling/Wall Mount Kenall #SH8-48-2-32-EB.....	346.70	74.43
26 56 18			Incandescent Exterior Lighting (26 56)		
26 56 18 00-0001			Exterior Globe (26 56 18)		
26 56 18 00-0002			Incandescent, Exterior Globe (26 56 18 00-0001)		
26 56 18 00-0003	EA		100 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture.....	54.45	19.85
26 56 18 00-0004	EA		150 To 200 Watt Incandescent, Enclosed And Gasketed, Exterior Wall Fixture.....	84.08	19.85
26 56 18 00-0005	EA		100 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture.....	64.11	19.85
26 56 18 00-0006	EA		150 To 200 Watt Incandescent, Enclosed And Gasketed With Guard, Exterior Wall Fixture.....	87.80	19.85
26 56 18 00-0007			Compact Fluorescent And Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (26 56 18)		
			Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.		
26 56 18 00-0008	EA		7 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	245.49	79.38
26 56 18 00-0009	EA		9 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	255.46	84.35
26 56 18 00-0010	EA		13 Or 14 Watt Fluorescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	282.38	89.31
26 56 18 00-0011	EA		75 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	269.50	99.24
26 56 18 00-0012	EA		100 Watt Incandescent, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	302.89	114.12
26 56 18 00-0013	EA		1 - 13 Watt Lamp, Fluorescent, Vandal Resistant, Surface Mounted, Exterior Area Fixture (Fail-Safe FSP Series).....	267.70	89.31
26 56 18 00-0014	EA		2 - 13 Watt Lamps, Fluorescent, Vandal Resistant, Surface Mounted, Exterior Area Fixture (Fail-Safe FSP Series)	272.80	89.31
26 56 18 00-0015	EA		1 - 26 Watt Lamp, Fluorescent, Vandal Resistant, Surface Mounted, Exterior Area Fixture (Fail-Safe FSP Series).....	268.89	89.31
26 56 18 00-0016	EA		2 - 26 Watt Lamps, Fluorescent, Vandal Resistant, Surface Mounted, Exterior Area Fixture (Fail-Safe FSP Series)	275.18	89.31
26 56 19			LED Exterior Lighting (26 56)		
26 56 19 00-0001			LED, Roadway Lighting (26 56 19)		
26 56 19 00-0002			LED Roadway Lighting (Philips Lumec) (26 56 19 00-0001)		
26 56 19 00-0003			Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec GPL Series) (26 56 19 00-0002)		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 570mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0004	EA		49 LEDs, 102 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLS Series).....	1,551.58	148.54
			For >50 To 100, Deduct	-77.58	
			For >100 To 250, Deduct	-116.37	
			For >250 To 500, Deduct	-186.52	
			For >500 To 1000, Deduct	-256.67	
			For >1000, Deduct	-326.83	
26 56 19 00-0005	EA		98 LEDs, 204 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec GPLM Series).....	2,445.60	152.55
			For >50 To 100, Deduct	-122.28	
			For >100 To 250, Deduct	-183.42	
			For >250 To 500, Deduct	-298.07	
			For >500 To 1000, Deduct	-412.73	
			For >1000, Deduct	-527.38	
26 56 19 00-0006			Horizontal Tenon Mount, LED Cobra Head Street Lights (Philips Lumec RFM Series) (26 56 19 00-0002)		
			Note: UL wet listed. Includes 3,000 to 4,000K color temperature, 120-277 voltage, up to 1050mA driver, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0007	EA		48 LEDs, 55 Watt, Type III Medium, 120-277 Volt, Horizontal Tenon Mount, LED Cobra Head Street Light (Philips Lumec RFM Series).....	1,116.06	148.54
			For >50 To 100, Deduct	-55.80	
			For >100 To 250, Deduct	-83.70	
			For >250 To 500, Deduct	-132.08	
			For >500 To 1000, Deduct	-180.46	
			For >1000, Deduct	-228.83	

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0008	EA		48 LEDs, 80 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	1,116.06	148.54
			<i>For >50 To 100, Deduct</i>	-55.80	
			<i>For >100 To 250, Deduct</i>	-83.70	
			<i>For >250 To 500, Deduct</i>	-132.08	
			<i>For >500 To 1000, Deduct</i>	-180.46	
			<i>For >1000, Deduct</i>	-228.83	
26 56 19 00-0009	EA		48 LEDs, 108 Watt, Type III Medium, 120-277 Volt, RoadFocus Roadway, LED Cobra Head Luminaire (Philips Lumec RFM Series).....	1,116.06	148.54
			<i>For >50 To 100, Deduct</i>	-55.80	
			<i>For >100 To 250, Deduct</i>	-83.70	
			<i>For >250 To 500, Deduct</i>	-132.08	
			<i>For >500 To 1000, Deduct</i>	-180.46	
			<i>For >1000, Deduct</i>	-228.83	
26 56 19 00-0010			LED Roadway Lighting (Lithonia) (26 56 19 00-0001)		
26 56 19 00-0011			Horizontal Tenon Mount, LED Cobra Head Street Lights (Lithonia CSX1 Series) (26 56 19 00-0010)		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 700mA driver, die-cast extruded aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 19 00-0012	EA		30 LEDs, 74 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	2,275.95	140.51
			<i>For >50 To 100, Deduct</i>	-113.80	
			<i>For >100 To 250, Deduct</i>	-170.70	
			<i>For >250 To 500, Deduct</i>	-277.47	
			<i>For >500 To 1000, Deduct</i>	-384.24	
			<i>For >1000, Deduct</i>	-491.01	
26 56 19 00-0013	EA		60 LEDs, 146 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (Lithonia CSX1 Series).....	3,788.89	144.52
			<i>For >50 To 100, Deduct</i>	-189.44	
			<i>For >100 To 250, Deduct</i>	-284.17	
			<i>For >250 To 500, Deduct</i>	-466.39	
			<i>For >500 To 1000, Deduct</i>	-648.60	
			<i>For >1000, Deduct</i>	-830.82	
26 56 19 00-0014			LED Roadway Lighting (CREE® BetaLED®) (26 56 19 00-0001)		
26 56 19 00-0015			Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® LEDway® STR-LWY) (26 56 19 00-0014)		
			Note: UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type II Medium, Type II Short or Type III Medium optic. Excludes sensors.		
26 56 19 00-0016	EA		20 LEDs, 25 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	925.29	136.49
			<i>For >50 To 100, Deduct</i>	-46.26	
			<i>For >100 To 250, Deduct</i>	-69.40	
			<i>For >250 To 500, Deduct</i>	-108.84	
			<i>For >500 To 1000, Deduct</i>	-148.28	
			<i>For >1000, Deduct</i>	-187.72	
26 56 19 00-0017	EA		30 LEDs, 35 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,043.95	140.51
			<i>For >50 To 100, Deduct</i>	-52.20	
			<i>For >100 To 250, Deduct</i>	-78.30	
			<i>For >250 To 500, Deduct</i>	-123.47	
			<i>For >500 To 1000, Deduct</i>	-168.64	
			<i>For >1000, Deduct</i>	-213.81	
26 56 19 00-0018	EA		40 LEDs, 45 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,187.39	144.52
			<i>For >50 To 100, Deduct</i>	-59.37	
			<i>For >100 To 250, Deduct</i>	-89.05	
			<i>For >250 To 500, Deduct</i>	-141.20	
			<i>For >500 To 1000, Deduct</i>	-193.34	
			<i>For >1000, Deduct</i>	-245.48	
26 56 19 00-0019	EA		50 LEDs, 55 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,307.95	148.54
			<i>For >50 To 100, Deduct</i>	-65.40	
			<i>For >100 To 250, Deduct</i>	-98.10	
			<i>For >250 To 500, Deduct</i>	-156.07	
			<i>For >500 To 1000, Deduct</i>	-214.04	
			<i>For >1000, Deduct</i>	-272.01	
26 56 19 00-0020	EA		60 LEDs, 65 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,428.51	152.55
			<i>For >50 To 100, Deduct</i>	-71.43	
			<i>For >100 To 250, Deduct</i>	-107.14	
			<i>For >250 To 500, Deduct</i>	-170.94	
			<i>For >500 To 1000, Deduct</i>	-234.73	
			<i>For >1000, Deduct</i>	-298.53	
26 56 19 00-0021	EA		70 LEDs, 75 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,716.92	156.56
			<i>For >50 To 100, Deduct</i>	-85.85	
			<i>For >100 To 250, Deduct</i>	-128.77	
			<i>For >250 To 500, Deduct</i>	-206.79	
			<i>For >500 To 1000, Deduct</i>	-284.80	
			<i>For >1000, Deduct</i>	-362.82	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0022	EA		80 LEDs, 86 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,837.48	160.58
			<i>For >50 To 100, Deduct</i>	-91.87	
			<i>For >100 To 250, Deduct</i>	-137.81	
			<i>For >250 To 500, Deduct</i>	-221.66	
			<i>For >500 To 1000, Deduct</i>	-305.50	
			<i>For >1000, Deduct</i>	-389.35	
26 56 19 00-0023	EA		90 LEDs, 96 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	1,956.14	164.59
			<i>For >50 To 100, Deduct</i>	-97.81	
			<i>For >100 To 250, Deduct</i>	-146.71	
			<i>For >250 To 500, Deduct</i>	-236.29	
			<i>For >500 To 1000, Deduct</i>	-325.87	
			<i>For >1000, Deduct</i>	-415.44	
26 56 19 00-0024	EA		100 LEDs, 111 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	2,189.23	168.61
			<i>For >50 To 100, Deduct</i>	-109.46	
			<i>For >100 To 250, Deduct</i>	-164.19	
			<i>For >250 To 500, Deduct</i>	-265.22	
			<i>For >500 To 1000, Deduct</i>	-366.25	
			<i>For >1000, Deduct</i>	-467.29	
26 56 19 00-0025	EA		110 LEDs, 122 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	2,309.78	172.63
			<i>For >50 To 100, Deduct</i>	-115.49	
			<i>For >100 To 250, Deduct</i>	-173.23	
			<i>For >250 To 500, Deduct</i>	-280.09	
			<i>For >500 To 1000, Deduct</i>	-386.95	
			<i>For >1000, Deduct</i>	-493.81	
26 56 19 00-0026	EA		120 LEDs, 133 Watt, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® BetaLED® LEDway® STR-LWY).....	2,430.35	176.64
			<i>For >50 To 100, Deduct</i>	-121.52	
			<i>For >100 To 250, Deduct</i>	-182.28	
			<i>For >250 To 500, Deduct</i>	-294.96	
			<i>For >500 To 1000, Deduct</i>	-407.65	
			<i>For >1000, Deduct</i>	-520.33	
26 56 19 00-0027			Surface Mount, LED Transportation Fixtures (CREE® BetaLED® Edge® TSP-EDG) <small>(26 56 19 00-0014)</small> Note: Direct, cantenary or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0028	EA		40 LEDs, 47 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	1,883.56	144.52
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-94.18	
			<i>For >100 To 250, Deduct</i>	-141.27	
			<i>For >250 To 500, Deduct</i>	-228.22	
			<i>For >500 To 1000, Deduct</i>	-315.17	
			<i>For >1000, Deduct</i>	-402.12	
26 56 19 00-0029	EA		60 LEDs, 68 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,180.00	152.55
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-109.00	
			<i>For >100 To 250, Deduct</i>	-163.50	
			<i>For >250 To 500, Deduct</i>	-264.87	
			<i>For >500 To 1000, Deduct</i>	-366.25	
			<i>For >1000, Deduct</i>	-467.62	
26 56 19 00-0030	EA		80 LEDs, 90 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,476.44	160.58
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-123.82	
			<i>For >100 To 250, Deduct</i>	-185.73	
			<i>For >250 To 500, Deduct</i>	-301.53	
			<i>For >500 To 1000, Deduct</i>	-417.32	
			<i>For >1000, Deduct</i>	-533.11	
26 56 19 00-0031	EA		100 LEDs, 111 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	2,772.87	168.61
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-138.64	
			<i>For >100 To 250, Deduct</i>	-207.97	
			<i>For >250 To 500, Deduct</i>	-338.18	
			<i>For >500 To 1000, Deduct</i>	-468.39	
			<i>For >1000, Deduct</i>	-598.60	
26 56 19 00-0032	EA		120 LEDs, 132 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	3,664.39	176.64
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-183.22	
			<i>For >100 To 250, Deduct</i>	-274.83	
			<i>For >250 To 500, Deduct</i>	-449.22	
			<i>For >500 To 1000, Deduct</i>	-623.60	
			<i>For >1000, Deduct</i>	-797.99	
26 56 19 00-0033	EA		140 LEDs, 157 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	3,960.82	184.66
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-198.04	
			<i>For >100 To 250, Deduct</i>	-297.06	
			<i>For >250 To 500, Deduct</i>	-485.87	
			<i>For >500 To 1000, Deduct</i>	-674.68	
			<i>For >1000, Deduct</i>	-863.48	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 56 19 00-0034	EA		160 LEDs, 179 Watt, Surface Mount, LED Transportation Fixture (CREE® BetaLED® Edge® TSP-EDG).....	4,257.26	192.70
				<i>For Multi-Level Drive Currents, Add</i>	267.03	
				<i>For >50 To 100, Deduct</i>	-212.86	
				<i>For >100 To 250, Deduct</i>	-319.29	
				<i>For >250 To 500, Deduct</i>	-522.52	
				<i>For >500 To 1000, Deduct</i>	-725.75	
				<i>For >1000, Deduct</i>	-928.98	
	26 56 19 00-0035			Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® BetaLED® XSP) <small>(26 56 19 00-0014)</small>		
				Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
	26 56 19 00-0036	EA		4,806 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	759.08	144.52
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Backlight Control Shield, Add</i>	35.72	
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Bird Spikes, Add</i>	56.96	
				<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
				<i>For Fuse, Add</i>	67.48	
				<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
				<i>For 480 Volt, Add</i>	101.23	
				<i>For Multi-Level, Add</i>	146.21	
				<i>For >50 To 100, Deduct</i>	-37.95	
				<i>For >100 To 250, Deduct</i>	-56.93	
				<i>For >250 To 500, Deduct</i>	-87.66	
				<i>For >500 To 1000, Deduct</i>	-118.39	
				<i>For >1000, Deduct</i>	-149.12	
	26 56 19 00-0037	EA		5,340 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-B-HT-XXX-A).....	759.08	144.52
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Backlight Control Shield, Add</i>	35.72	
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Bird Spikes, Add</i>	56.96	
				<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
				<i>For Fuse, Add</i>	67.48	
				<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
				<i>For 480 Volt, Add</i>	101.23	
				<i>For Multi-Level, Add</i>	146.21	
				<i>For >50 To 100, Deduct</i>	-37.95	
				<i>For >100 To 250, Deduct</i>	-56.93	
				<i>For >250 To 500, Deduct</i>	-87.66	
				<i>For >500 To 1000, Deduct</i>	-118.39	
				<i>For >1000, Deduct</i>	-149.12	
	26 56 19 00-0038	EA		8,407 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	844.11	144.52
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Backlight Control Shield, Add</i>	35.72	
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Bird Spikes, Add</i>	56.96	
				<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
				<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
				<i>For 480 Volt, Add</i>	101.23	
				<i>For >50 To 100, Deduct</i>	-42.21	
				<i>For >100 To 250, Deduct</i>	-63.31	
				<i>For >250 To 500, Deduct</i>	-98.29	
				<i>For >500 To 1000, Deduct</i>	-133.27	
				<i>For >1000, Deduct</i>	-168.25	
	26 56 19 00-0039	EA		8,820 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP1™ BXSP-C-HT-XXX-E).....	844.11	144.52
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Backlight Control Shield, Add</i>	35.72	
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Bird Spikes, Add</i>	56.96	
				<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
				<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
				<i>For 480 Volt, Add</i>	101.23	
				<i>For >50 To 100, Deduct</i>	-42.21	
				<i>For >100 To 250, Deduct</i>	-63.31	
				<i>For >250 To 500, Deduct</i>	-98.29	
				<i>For >500 To 1000, Deduct</i>	-133.27	
				<i>For >1000, Deduct</i>	-168.25	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0040	EA		9,612 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	995.27	144.52
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	52.23	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Fuse, Add</i>	67.48	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	94.77	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For >50 To 100, Deduct</i>	-49.76	
			<i>For >100 To 250, Deduct</i>	-74.65	
			<i>For >250 To 500, Deduct</i>	-117.18	
			<i>For >500 To 1000, Deduct</i>	-159.72	
			<i>For >1000, Deduct</i>	-202.26	
26 56 19 00-0041	EA		10,680 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-B-HT-XXX-B).....	995.27	144.52
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	52.23	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Fuse, Add</i>	67.48	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	94.77	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For >50 To 100, Deduct</i>	-49.76	
			<i>For >100 To 250, Deduct</i>	-74.65	
			<i>For >250 To 500, Deduct</i>	-117.18	
			<i>For >500 To 1000, Deduct</i>	-159.72	
			<i>For >1000, Deduct</i>	-202.26	
26 56 19 00-0042	EA		13,732 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	1,137.00	144.52
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	52.23	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	94.77	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For >50 To 100, Deduct</i>	-56.85	
			<i>For >100 To 250, Deduct</i>	-85.28	
			<i>For >250 To 500, Deduct</i>	-134.90	
			<i>For >500 To 1000, Deduct</i>	-184.52	
			<i>For >1000, Deduct</i>	-234.15	
26 56 19 00-0043	EA		14,408 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSP2™ BXSP-C-HT-XXX-F).....	1,137.00	144.52
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	52.23	
			<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
			<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	94.77	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For >50 To 100, Deduct</i>	-56.85	
			<i>For >100 To 250, Deduct</i>	-85.28	
			<i>For >250 To 500, Deduct</i>	-134.90	
			<i>For >500 To 1000, Deduct</i>	-184.52	
			<i>For >1000, Deduct</i>	-234.15	
26 56 19 00-0044	EA		2,529 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-O-X-X-G).....	607.91	144.52
			<i>For Utility Label, Add</i>	11.24	
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	33.75	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For >50 To 100, Deduct</i>	-30.40	
			<i>For >100 To 250, Deduct</i>	-45.59	
			<i>For >250 To 500, Deduct</i>	-68.76	
			<i>For >500 To 1000, Deduct</i>	-91.93	
			<i>For >1000, Deduct</i>	-115.10	
26 56 19 00-0045	EA		2,722 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-A-O-X-X-G).....	607.91	144.52
			<i>For Utility Label, Add</i>	11.24	
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	33.75	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For >50 To 100, Deduct</i>	-30.40	
			<i>For >100 To 250, Deduct</i>	-45.59	
			<i>For >250 To 500, Deduct</i>	-68.76	
			<i>For >500 To 1000, Deduct</i>	-91.93	
			<i>For >1000, Deduct</i>	-115.10	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	26 56 19 00-0046	EA		3,819 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	643.34	144.52
				<i>For Utility Label, Add</i>	11.24	
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	33.75	
				<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
				<i>For >50 To 100, Deduct</i>	-32.17	
				<i>For >100 To 250, Deduct</i>	-48.25	
				<i>For >250 To 500, Deduct</i>	-73.19	
				<i>For >500 To 1000, Deduct</i>	-98.13	
				<i>For >1000, Deduct</i>	-123.07	
	26 56 19 00-0047	EA		4,109 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™BXSPR-A-O-X-X-C)	643.34	144.52
				<i>For Utility Label, Add</i>	11.24	
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	33.75	
				<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
				<i>For >50 To 100, Deduct</i>	-32.17	
				<i>For >100 To 250, Deduct</i>	-48.25	
				<i>For >250 To 500, Deduct</i>	-73.19	
				<i>For >500 To 1000, Deduct</i>	-98.13	
				<i>For >1000, Deduct</i>	-123.07	
	26 56 19 00-0048	EA		4,548 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	655.15	144.52
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
				<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
				<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
				<i>For >50 To 100, Deduct</i>	-32.76	
				<i>For >100 To 250, Deduct</i>	-49.14	
				<i>For >250 To 500, Deduct</i>	-74.67	
				<i>For >500 To 1000, Deduct</i>	-100.20	
				<i>For >1000, Deduct</i>	-125.73	
	26 56 19 00-0049	EA		4,627 Lumens, 5700K, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® XSPR™ BXSPR-B-HT-XXX-A)	655.15	144.52
				<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Field Adjustable Output And Utility Label, Add</i>	44.99	
				<i>For Field Adjustable Output, Utility Label And 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	67.48	
				<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
				<i>For >50 To 100, Deduct</i>	-32.76	
				<i>For >100 To 250, Deduct</i>	-49.14	
				<i>For >250 To 500, Deduct</i>	-74.67	
				<i>For >500 To 1000, Deduct</i>	-100.20	
				<i>For >1000, Deduct</i>	-125.73	
	26 56 19 00-0050			Horizontal Tenon Mount, LED Cobra Head Street Lights (CREE® RSW™) <small>(26 56 19 00-0014)</small> Note: UL wet listed. Includes 120-277 voltage, die-cast extruded aluminum housing assembly and gray powder coat finish. Includes utility label and NEMA® photocell receptacle. Excludes sensors.		
	26 56 19 00-0051	EA		3,300 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-30K-UL-GY-N)	631.54	144.52
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Backlight Control Shield, Add</i>	70.69	
				<i>For Bird Spikes, Add</i>	95.43	
				<i>For >50 To 100, Deduct</i>	-31.58	
				<i>For >100 To 250, Deduct</i>	-47.37	
				<i>For >250 To 500, Deduct</i>	-71.72	
				<i>For >500 To 1000, Deduct</i>	-96.07	
				<i>For >1000, Deduct</i>	-120.42	
	26 56 19 00-0052	EA		3,300 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-XXX-30W-40K-UL-GY-N)	631.54	144.52
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Backlight Control Shield, Add</i>	70.69	
				<i>For Bird Spikes, Add</i>	95.43	
				<i>For >50 To 100, Deduct</i>	-31.58	
				<i>For >100 To 250, Deduct</i>	-47.37	
				<i>For >250 To 500, Deduct</i>	-71.72	
				<i>For >500 To 1000, Deduct</i>	-96.07	
				<i>For >1000, Deduct</i>	-120.42	
	26 56 19 00-0053	EA		5,000 Lumens, 3000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-30K-UL-GY-N)	655.15	144.52
				<i>For Field Adjustable Output, Add</i>	33.75	
				<i>For Backlight Control Shield, Add</i>	70.69	
				<i>For Bird Spikes, Add</i>	95.43	
				<i>For >50 To 100, Deduct</i>	-32.76	
				<i>For >100 To 250, Deduct</i>	-49.14	
				<i>For >250 To 500, Deduct</i>	-74.67	
				<i>For >500 To 1000, Deduct</i>	-100.20	
				<i>For >1000, Deduct</i>	-125.73	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0054	EA		5,000 Lumens, 4000K CCT, Horizontal Tenon Mount, LED Cobra Head Street Light (CREE® RSW-HT-2ME-50W-40K-UL-GY-N).....	655.15	144.52
			<i>For Field Adjustable Output, Add</i>	33.75	
			<i>For Backlight Control Shield, Add</i>	70.69	
			<i>For Bird Spikes, Add</i>	95.43	
			<i>For >50 To 100, Deduct</i>	-32.76	
			<i>For >100 To 250, Deduct</i>	-49.14	
			<i>For >250 To 500, Deduct</i>	-74.67	
			<i>For >500 To 1000, Deduct</i>	-100.20	
			<i>For >1000, Deduct</i>	-125.73	
26 56 19 00-0055			LED Roadway Lighting (Cooper Lighting) <small>(26 56 19 00-0001)</small>		
26 56 19 00-0056			Horizontal Tenon Mount, LED Roadway Fixtures (Cooper Lighting Streetworks NVN™) <small>(26 56 19 00-0055)</small>		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0057	EA		1 LED Light Square, 51 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	975.05	144.52
			<i>For >50 To 100, Deduct</i>	-48.75	
			<i>For >100 To 250, Deduct</i>	-73.13	
			<i>For >250 To 500, Deduct</i>	-114.66	
			<i>For >500 To 1000, Deduct</i>	-156.18	
			<i>For >1000, Deduct</i>	-197.71	
26 56 19 00-0058	EA		2 LED Light Squares, 103 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,331.98	160.58
			<i>For >50 To 100, Deduct</i>	-66.60	
			<i>For >100 To 250, Deduct</i>	-99.90	
			<i>For >250 To 500, Deduct</i>	-158.47	
			<i>For >500 To 1000, Deduct</i>	-217.04	
			<i>For >1000, Deduct</i>	-275.61	
26 56 19 00-0059	EA		3 LED Light Squares, 154 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	1,425.09	184.66
			<i>For >50 To 100, Deduct</i>	-71.25	
			<i>For >100 To 250, Deduct</i>	-106.88	
			<i>For >250 To 500, Deduct</i>	-168.90	
			<i>For >500 To 1000, Deduct</i>	-230.92	
			<i>For >1000, Deduct</i>	-292.95	
26 56 19 00-0060	EA		4 LED Light Squares, 206 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	2,142.16	200.73
			<i>For >50 To 100, Deduct</i>	-107.11	
			<i>For >100 To 250, Deduct</i>	-160.66	
			<i>For >250 To 500, Deduct</i>	-257.73	
			<i>For >500 To 1000, Deduct</i>	-354.81	
			<i>For >1000, Deduct</i>	-451.88	
26 56 19 00-0061	EA		6 LED Light Squares, 309 Watt, Horizontal Tenon Mount, LED Roadway Fixture (Cooper Lighting Streetworks™ NVN-AA).....	2,819.79	228.51
			<i>For >50 To 100, Deduct</i>	-140.99	
			<i>For >100 To 250, Deduct</i>	-211.48	
			<i>For >250 To 500, Deduct</i>	-341.05	
			<i>For >500 To 1000, Deduct</i>	-470.61	
			<i>For >1000, Deduct</i>	-600.18	
26 56 19 00-0062			LED Roadway Lighting (PlanLED) <small>(26 56 19 00-0001)</small>		
26 56 19 00-0063			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera HERA) <small>(26 56 19 00-0062)</small>		
			Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		
26 56 19 00-0064	EA		8,500 Lumens, 85 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 85W).....	1,181.67	140.51
			<i>For >50 To 100, Deduct</i>	-59.08	
			<i>For >100 To 250, Deduct</i>	-88.63	
			<i>For >250 To 500, Deduct</i>	-140.68	
			<i>For >500 To 1000, Deduct</i>	-192.74	
			<i>For >1000, Deduct</i>	-244.80	
26 56 19 00-0065	EA		11,000 Lumens, 110 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 110W).....	1,288.51	142.05
			<i>For >50 To 100, Deduct</i>	-64.43	
			<i>For >100 To 250, Deduct</i>	-96.64	
			<i>For >250 To 500, Deduct</i>	-153.96	
			<i>For >500 To 1000, Deduct</i>	-211.28	
			<i>For >1000, Deduct</i>	-268.61	
26 56 19 00-0066	EA		15,000 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera HERA 150W).....	1,372.30	144.52
			<i>For >50 To 100, Deduct</i>	-68.62	
			<i>For >100 To 250, Deduct</i>	-102.92	
			<i>For >250 To 500, Deduct</i>	-164.31	
			<i>For >500 To 1000, Deduct</i>	-225.70	
			<i>For >1000, Deduct</i>	-287.09	
26 56 19 00-0067			Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera SETA) <small>(26 56 19 00-0062)</small>		
			Note: UL wet listed. Includes 3,000K, 3,500K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0068 EA 7,200 Lumens, 60 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET060)	766.04	137.11
<i>For >50 To 100, Deduct</i>	-38.30	
<i>For >100 To 250, Deduct</i>	-57.45	
<i>For >250 To 500, Deduct</i>	-88.90	
<i>For >500 To 1000, Deduct</i>	-120.35	
<i>For >1000, Deduct</i>	-151.79	
26 56 19 00-0069 EA 10,000 Lumens, 80 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET080)	822.87	139.58
<i>For >50 To 100, Deduct</i>	-41.14	
<i>For >100 To 250, Deduct</i>	-61.72	
<i>For >250 To 500, Deduct</i>	-95.88	
<i>For >500 To 1000, Deduct</i>	-130.04	
<i>For >1000, Deduct</i>	-164.21	
26 56 19 00-0070 EA 12,500 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera SETA SET100)	912.89	142.05
<i>For >50 To 100, Deduct</i>	-45.64	
<i>For >100 To 250, Deduct</i>	-68.47	
<i>For >250 To 500, Deduct</i>	-107.01	
<i>For >500 To 1000, Deduct</i>	-145.55	
<i>For >1000, Deduct</i>	-184.09	
26 56 19 00-0071 Horizontal Tenon Mount, LED Roadway Fixtures (PlanLED GigaTera META) <small>(26 56 19 00-0062)</small>		
<i>Note: UL wet listed. Includes 3,000K, 4,000K or 5,000K color temperature, 120-277 voltage, integral 20kV surge suppression, die-cast extruded aluminum housing assembly and powder coat finish. Excludes sensors.</i>		
26 56 19 00-0072 EA 13,000 Lumens, 100 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT100)	973.07	142.05
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For 480 Volt, Add</i>	89.67	
<i>For >50 To 100, Deduct</i>	-48.65	
<i>For >100 To 250, Deduct</i>	-72.98	
<i>For >250 To 500, Deduct</i>	-114.53	
<i>For >500 To 1000, Deduct</i>	-156.08	
<i>For >1000, Deduct</i>	-197.63	
26 56 19 00-0073 EA 16,900 Lumens, 130 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT130)	1,083.45	143.28
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For 480 Volt, Add</i>	27.07	
<i>For >50 To 100, Deduct</i>	-54.17	
<i>For >100 To 250, Deduct</i>	-81.26	
<i>For >250 To 500, Deduct</i>	-128.27	
<i>For >500 To 1000, Deduct</i>	-175.28	
<i>For >1000, Deduct</i>	-222.28	
26 56 19 00-0074 EA 19,500 Lumens, 150 Watt, Horizontal Tenon Mount, LED Roadway Fixture (PlanLED GigaTera META MT150)	1,168.93	144.52
<i>For 0 To 10 Volt Dimming, Add</i>	89.67	
<i>For 480 Volt, Add</i>	112.04	
<i>For >50 To 100, Deduct</i>	-58.45	
<i>For >100 To 250, Deduct</i>	-87.67	
<i>For >250 To 500, Deduct</i>	-138.89	
<i>For >500 To 1000, Deduct</i>	-190.11	
<i>For >1000, Deduct</i>	-241.33	
26 56 19 00-0075 LED Roadway Lighting (General Electric) <small>(26 56 19 00-0001)</small>		
26 56 19 00-0076 Horizontal Tenon Mount, LED Cobra Head Street Lights (General Electric) <small>(26 56 19 00-0075)</small>		
<i>Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or gray powder coat finish. Excludes sensors.</i>		
26 56 19 00-0077 EA 2,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 02XX 40 A GRAY)	576.07	136.49
<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
<i>For >50 To 100, Deduct</i>	-28.80	
<i>For >100 To 250, Deduct</i>	-43.21	
<i>For >250 To 500, Deduct</i>	-65.18	
<i>For >500 To 1000, Deduct</i>	-87.16	
<i>For >1000, Deduct</i>	-109.14	
26 56 19 00-0078 EA 3,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 03XX 40 A GRAY)	579.77	138.34
<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
<i>For >50 To 100, Deduct</i>	-28.99	
<i>For >100 To 250, Deduct</i>	-43.48	
<i>For >250 To 500, Deduct</i>	-65.55	
<i>For >500 To 1000, Deduct</i>	-87.63	
<i>For >1000, Deduct</i>	-109.70	
26 56 19 00-0079 EA 4,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 04XX 40 A GRAY)	605.07	140.51
<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
<i>For >50 To 100, Deduct</i>	-30.25	
<i>For >100 To 250, Deduct</i>	-45.38	
<i>For >250 To 500, Deduct</i>	-68.61	
<i>For >500 To 1000, Deduct</i>	-91.84	
<i>For >1000, Deduct</i>	-115.06	
26 56 19 00-0080 EA 5,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 05XX 40 A GRAY)	631.03	142.05
<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
<i>For >50 To 100, Deduct</i>	-31.55	
<i>For >100 To 250, Deduct</i>	-47.33	
<i>For >250 To 500, Deduct</i>	-71.78	
<i>For >500 To 1000, Deduct</i>	-96.23	
<i>For >1000, Deduct</i>	-120.67	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0081	EA		7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 07XX 40 A GRAY).....	700.11	145.13
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For >50 To 100, Deduct</i>	-35.01	
			<i>For >100 To 250, Deduct</i>	-52.51	
			<i>For >250 To 500, Deduct</i>	-80.26	
			<i>For >500 To 1000, Deduct</i>	-108.01	
			<i>For >1000, Deduct</i>	-135.75	
26 56 19 00-0082	EA		8,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 08XX 40 A GRAY).....	736.89	146.37
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For >50 To 100, Deduct</i>	-36.84	
			<i>For >100 To 250, Deduct</i>	-55.27	
			<i>For >250 To 500, Deduct</i>	-84.79	
			<i>For >500 To 1000, Deduct</i>	-114.32	
			<i>For >1000, Deduct</i>	-143.84	
26 56 19 00-0083	EA		9,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL1 0 10XX 40 A GRAY).....	806.03	148.54
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For >50 To 100, Deduct</i>	-40.30	
			<i>For >100 To 250, Deduct</i>	-60.45	
			<i>For >250 To 500, Deduct</i>	-93.33	
			<i>For >500 To 1000, Deduct</i>	-126.20	
			<i>For >1000, Deduct</i>	-159.08	
26 56 19 00-0084	EA		13,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERLH 0 13XX 40 A GRAY).....	953.21	152.55
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For >50 To 100, Deduct</i>	-47.66	
			<i>For >100 To 250, Deduct</i>	-71.49	
			<i>For >250 To 500, Deduct</i>	-111.52	
			<i>For >500 To 1000, Deduct</i>	-151.56	
			<i>For >1000, Deduct</i>	-191.59	
26 56 19 00-0085	EA		19,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (General Electric ERL2 0 19XX 40 A GRAY).....	1,121.76	160.58
			<i>For LightGrid™ Wireless Outdoor Controller, Add</i>	20.00	
			<i>For >50 To 100, Deduct</i>	-56.09	
			<i>For >100 To 250, Deduct</i>	-84.13	
			<i>For >250 To 500, Deduct</i>	-132.19	
			<i>For >500 To 1000, Deduct</i>	-180.25	
			<i>For >1000, Deduct</i>	-228.31	
26 56 19 00-0086			LED Roadway Lighting (Acuity AEL Autobahn) (26 56 19 00-0001)		
26 56 19 00-0087			Horizontal Tenon Mount, LED Cobra Head Street Lights (Acuity AEL Autobahn) (26 56 19 00-0086)		
			Note: UL wet listed. Includes 4,000K or 5,000K color temperature, 120-480 voltage, integral 10kV surge suppression, 0-10V dimming, die-cast extruded aluminum housing assembly and white, black, gray, graphite or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0088	EA		4,200 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 20ALEDE70).....	1,144.31	140.51
			<i>For >50 To 100, Deduct</i>	-57.22	
			<i>For >100 To 250, Deduct</i>	-85.82	
			<i>For >250 To 500, Deduct</i>	-136.01	
			<i>For >500 To 1000, Deduct</i>	-186.20	
			<i>For >1000, Deduct</i>	-236.39	
26 56 19 00-0089	EA		6,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB0 30BLEDE70).....	1,429.17	144.52
			<i>For >50 To 100, Deduct</i>	-71.46	
			<i>For >100 To 250, Deduct</i>	-107.19	
			<i>For >250 To 500, Deduct</i>	-171.42	
			<i>For >500 To 1000, Deduct</i>	-235.65	
			<i>For >1000, Deduct</i>	-299.89	
26 56 19 00-0090	EA		9,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 40BLEDE70).....	2,007.41	148.54
			<i>For >50 To 100, Deduct</i>	-100.37	
			<i>For >100 To 250, Deduct</i>	-150.56	
			<i>For >250 To 500, Deduct</i>	-243.50	
			<i>For >500 To 1000, Deduct</i>	-336.44	
			<i>For >1000, Deduct</i>	-429.39	
26 56 19 00-0091	EA		13,500 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 60BLEDE70).....	2,589.20	154.41
			<i>For >50 To 100, Deduct</i>	-129.46	
			<i>For >100 To 250, Deduct</i>	-194.19	
			<i>For >250 To 500, Deduct</i>	-315.93	
			<i>For >500 To 1000, Deduct</i>	-437.67	
			<i>For >1000, Deduct</i>	-559.41	
26 56 19 00-0092	EA		17,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Acuity AEL Autobahn ATB2 80BLEDE70).....	3,158.18	158.73
			<i>For >50 To 100, Deduct</i>	-157.91	
			<i>For >100 To 250, Deduct</i>	-236.86	
			<i>For >250 To 500, Deduct</i>	-386.84	
			<i>For >500 To 1000, Deduct</i>	-536.81	
			<i>For >1000, Deduct</i>	-686.78	

26 56 19 00-0093 **LED Roadway Lighting (Leotek)** (26 56 19 00-0001)

26 56 19 00-0094 **Horizontal Tenon Mount, LED Cobra Head Street Lights (Leotek)** (26 56 19 00-0093)

Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, integral surge protector, die-cast and extruded aluminum housing assembly and gray powder coat finish. Excludes sensors.

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0095	EA		Up To 3,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-XXX-WL)	589.25	140.51
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-29.46	
			For >100 To 250, Deduct	-44.19	
			For >250 To 500, Deduct	-66.63	
			For >500 To 1000, Deduct	-89.07	
			For >1000, Deduct	-111.50	
26 56 19 00-0096	EA		Up To 5,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-4M2-MV-NW-X-GY-1AMP-WL)	602.34	142.05
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-30.12	
			For >100 To 250, Deduct	-45.18	
			For >250 To 500, Deduct	-68.19	
			For >500 To 1000, Deduct	-91.20	
			For >1000, Deduct	-114.22	
26 56 19 00-0097	EA		Up To 5,950 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC1-6M2-MV-NW-X-GY-XXX-WL)	644.23	142.98
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-32.21	
			For >100 To 250, Deduct	-48.32	
			For >250 To 500, Deduct	-73.38	
			For >500 To 1000, Deduct	-98.44	
			For >1000, Deduct	-123.50	
26 56 19 00-0098	EA		Up To 9,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC3-10M2-MV-NW-X-GY-XXX-WL)	751.41	148.54
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-37.57	
			For >100 To 250, Deduct	-56.36	
			For >250 To 500, Deduct	-86.50	
			For >500 To 1000, Deduct	-116.64	
			For >1000, Deduct	-146.79	
26 56 19 00-0099	EA		Up To 11,450 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-12M2-MV-NW-X-GY-XXX-WL)	883.54	152.55
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-44.18	
			For >100 To 250, Deduct	-66.27	
			For >250 To 500, Deduct	-102.82	
			For >500 To 1000, Deduct	-139.36	
			For >1000, Deduct	-175.91	
26 56 19 00-0100	EA		Up To 14,550 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC4-15M2-MV-NW-X-GY-XXX-WL)	888.48	155.02
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-44.42	
			For >100 To 250, Deduct	-66.64	
			For >250 To 500, Deduct	-103.31	
			For >500 To 1000, Deduct	-139.98	
			For >1000, Deduct	-176.66	
26 56 19 00-0101	EA		Up To 16,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-18M2-MV-NW-X-GY-XXX-WL)	1,095.57	157.49
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-54.78	
			For >100 To 250, Deduct	-82.17	
			For >250 To 500, Deduct	-129.07	
			For >500 To 1000, Deduct	-175.98	
			For >1000, Deduct	-222.88	
26 56 19 00-0102	EA		Up To 18,750 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-20M2-MV-NW-X-GY-XXX-WL)	1,149.79	160.58
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-57.49	
			For >100 To 250, Deduct	-86.23	
			For >250 To 500, Deduct	-135.69	
			For >500 To 1000, Deduct	-185.16	
			For >1000, Deduct	-234.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56	19 00-0103	EA	Up To 22,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC7-24M2-MV-NW-X-GY-XXX-WL)	1,286.82	163.05
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-64.34	
			For >100 To 250, Deduct	-96.51	
			For >250 To 500, Deduct	-152.70	
			For >500 To 1000, Deduct	-208.89	
			For >1000, Deduct	-265.08	
26 56	19 00-0104	EA	Up To 29,150 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® EC9-30M2-MV-NW-X-GY-XXX-WL)	1,381.83	165.52
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-69.09	
			For >100 To 250, Deduct	-103.64	
			For >250 To 500, Deduct	-164.45	
			For >500 To 1000, Deduct	-225.27	
			For >1000, Deduct	-286.08	
26 56	19 00-0105	EA	Up To 4,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-20F-MV-NW-X-GY-XXX-WL)	686.40	142.05
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-34.32	
			For >100 To 250, Deduct	-51.48	
			For >250 To 500, Deduct	-78.70	
			For >500 To 1000, Deduct	-105.92	
			For >1000, Deduct	-133.13	
26 56	19 00-0106	EA	Up To 7,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-30F-MV-NW-X-GY-XXX-WL)	755.86	145.75
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-37.79	
			For >100 To 250, Deduct	-56.69	
			For >250 To 500, Deduct	-87.19	
			For >500 To 1000, Deduct	-117.70	
			For >1000, Deduct	-148.21	
26 56	19 00-0107	EA	Up To 9,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-XXX-WL)	817.46	148.54
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-40.87	
			For >100 To 250, Deduct	-61.31	
			For >250 To 500, Deduct	-94.76	
			For >500 To 1000, Deduct	-128.20	
			For >1000, Deduct	-161.65	
26 56	19 00-0108	EA	Up To 12,300 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-40F-MV-NW-X-GY-1AMP-WL)	870.29	151.94
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-43.51	
			For >100 To 250, Deduct	-65.27	
			For >250 To 500, Deduct	-101.19	
			For >500 To 1000, Deduct	-137.11	
			For >1000, Deduct	-173.03	
26 56	19 00-0109	EA	Up To 13,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-60F-MV-NW-X-GY-XXX-WL)	924.80	153.17
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-46.24	
			For >100 To 250, Deduct	-69.36	
			For >250 To 500, Deduct	-107.94	
			For >500 To 1000, Deduct	-146.52	
			For >1000, Deduct	-185.11	
26 56	19 00-0110	EA	Up To 17,700 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC1-80F-MV-NW-X-GY-XXX-WL)	1,106.04	158.73
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-55.30	
			For >100 To 250, Deduct	-82.95	
			For >250 To 500, Deduct	-130.32	
			For >500 To 1000, Deduct	-177.68	
			For >1000, Deduct	-225.05	

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0111	EA		Up To 19,800 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-90F-MV-NW-X-GY-XXX-WL)	1,254.33	161.82
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-62.72	
			For >100 To 250, Deduct	-94.07	
			For >250 To 500, Deduct	-148.70	
			For >500 To 1000, Deduct	-203.33	
			For >1000, Deduct	-257.95	
26 56 19 00-0112	EA		Up To 22,000 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-100F-MV-NW-X-GY-XXX-WL)	1,335.63	162.43
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-66.78	
			For >100 To 250, Deduct	-100.17	
			For >250 To 500, Deduct	-158.83	
			For >500 To 1000, Deduct	-217.49	
			For >1000, Deduct	-276.15	
26 56 19 00-0113	EA		Up To 26,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek GC2-120F-MV-NW-X-GY-XXX-WL)	1,413.39	164.29
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-70.67	
			For >100 To 250, Deduct	-106.00	
			For >250 To 500, Deduct	-168.46	
			For >500 To 1000, Deduct	-230.91	
			For >1000, Deduct	-293.37	
26 56 19 00-0114	EA		Up To 11,720 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-30H-MV-NW-X-GY-1AMP)	736.36	155.02
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-36.82	
			For >100 To 250, Deduct	-55.23	
			For >250 To 500, Deduct	-84.29	
			For >500 To 1000, Deduct	-113.36	
			For >1000, Deduct	-142.43	
26 56 19 00-0115	EA		Up To 15,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCM2-40H-MV-NW-X-GY-1AMP)	799.50	156.56
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-39.98	
			For >100 To 250, Deduct	-59.96	
			For >250 To 500, Deduct	-92.11	
			For >500 To 1000, Deduct	-124.26	
			For >1000, Deduct	-156.40	
26 56 19 00-0116	EA		Up To 4,180 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ0-15H-MV-NW-X-GY-XXX-WL)	561.70	141.74
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-28.09	
			For >100 To 250, Deduct	-42.13	
			For >250 To 500, Deduct	-63.13	
			For >500 To 1000, Deduct	-84.12	
			For >1000, Deduct	-105.12	
26 56 19 00-0117	EA		Up To 5,510 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ1-20H-MV-NW-X-GY-XXX-WL)	572.18	142.98
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-28.61	
			For >100 To 250, Deduct	-42.91	
			For >250 To 500, Deduct	-64.37	
			For >500 To 1000, Deduct	-85.83	
			For >1000, Deduct	-107.29	
26 56 19 00-0118	EA		Up To 7,430 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCJ2-20H-MV-NW-X-GY-1AMP-WL)	623.76	145.75
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-31.19	
			For >100 To 250, Deduct	-46.78	
			For >250 To 500, Deduct	-70.68	
			For >500 To 1000, Deduct	-94.58	
			For >1000, Deduct	-118.48	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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26 56 19 00-0119	EA		Up To 16,400 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-60G-MV-NW-X-GY-XXX-WL)	973.48	157.49
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-48.67	
			For >100 To 250, Deduct	-73.01	
			For >250 To 500, Deduct	-113.81	
			For >500 To 1000, Deduct	-154.61	
			For >1000, Deduct	-195.41	
26 56 19 00-0120	EA		Up To 22,100 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL1-80G-MV-NW-X-GY-XXX-WL)	1,279.59	162.43
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-63.98	
			For >100 To 250, Deduct	-95.97	
			For >250 To 500, Deduct	-151.83	
			For >500 To 1000, Deduct	-207.68	
			For >1000, Deduct	-263.54	
26 56 19 00-0121	EA		Up To 22,900 Lumens, Horizontal Tenon Mount, LED Cobra Head Street Light (Leotek® GCL2-60G-MV-NW-X-GY-1AMP-WL)	1,136.71	163.05
			For LightGrid™ Wireless Outdoor Controller, Add	20.00	
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-56.84	
			For >100 To 250, Deduct	-85.25	
			For >250 To 500, Deduct	-133.94	
			For >500 To 1000, Deduct	-182.62	
			For >1000, Deduct	-231.30	
26 56 19 00-0122	EA		Up To 5,484 Lumens, Horizontal Tenon Mount, LED Security Light (Leotek® SafeGuard™ SG1-01-MV-NW-5-GY)	538.29	142.05
			For Twist Lock Shorting Cap, Add	9.53	
			For ANSI 7-wire Photocontrol Receptacle, Add	28.59	
			For Ripley Long-Life Twist Lock Photocontrol, Add	51.16	
			For >50 To 100, Deduct	-26.91	
			For >100 To 250, Deduct	-40.37	
			For >250 To 500, Deduct	-60.18	
			For >500 To 1000, Deduct	-80.00	
			For >1000, Deduct	-99.81	
26 56 19 00-0123			LED, Area Fixtures ^(26 56 19)		
26 56 19 00-0124			Pole Mount, LED Area Fixtures ^(26 56 19 00-0123)		
26 56 19 00-0125			Pole Mount, Rectangular, LED Architectural Area Fixtures (Lithonia DSX) ^(26 56 19 00-0124)		
			Note: UL wet listed. Includes 4,000K color temperature, 480 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0126	EA		20 LEDs, 49 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,469.29	104.99
			For >50 To 100, Deduct	-123.46	
			For >100 To 250, Deduct	-185.20	
			For >250 To 500, Deduct	-303.41	
			For >500 To 1000, Deduct	-421.63	
			For >1000, Deduct	-539.84	
26 56 19 00-0127	EA		40 LEDs, 89 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSXO LED)	2,662.39	111.17
			For >50 To 100, Deduct	-133.12	
			For >100 To 250, Deduct	-199.68	
			For >250 To 500, Deduct	-327.24	
			For >500 To 1000, Deduct	-454.80	
			For >1000, Deduct	-582.36	
26 56 19 00-0128	EA		80 LEDs, 188 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,867.84	123.52
			For >50 To 100, Deduct	-143.39	
			For >100 To 250, Deduct	-215.09	
			For >250 To 500, Deduct	-352.30	
			For >500 To 1000, Deduct	-489.52	
			For >1000, Deduct	-626.74	
26 56 19 00-0129	EA		100 LEDs, 218 Watt, Pole Mount, LED Architectural Area Fixture (Lithonia DSX2 LED)	2,880.19	129.70
			For >50 To 100, Deduct	-144.01	
			For >100 To 250, Deduct	-216.01	
			For >250 To 500, Deduct	-353.54	
			For >500 To 1000, Deduct	-491.06	
			For >1000, Deduct	-628.59	

26 56 19 00-0130 Arm Mount, Rectangular, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDG) ^(26 56 19 00-0124)

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type III Medium optic. Excludes sensors. All fixtures without the backlight control shield are DLC qualified

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0131	EA		40 LEDs, 47 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	1,389.62	111.17
			<i>For Backlight Shielding, Add</i>	26.70	
			<i>For Type II Medium Optic, Add</i>	43.18	
			<i>For 480 Volt, Add</i>	105.34	
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-69.48	
			<i>For >100 To 250, Deduct</i>	-104.22	
			<i>For >250 To 500, Deduct</i>	-168.14	
			<i>For >500 To 1000, Deduct</i>	-232.07	
			<i>For >1000, Deduct</i>	-295.99	
26 56 19 00-0132	EA		60 LEDs, 68 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	1,682.36	117.35
			<i>For Backlight Shielding, Add</i>	26.70	
			<i>For Type II Medium Optic, Add</i>	43.80	
			<i>For 480 Volt, Add</i>	105.34	
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-84.12	
			<i>For >100 To 250, Deduct</i>	-126.18	
			<i>For >250 To 500, Deduct</i>	-204.43	
			<i>For >500 To 1000, Deduct</i>	-282.68	
			<i>For >1000, Deduct</i>	-360.93	
26 56 19 00-0133	EA		80 LEDs, 90 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	2,087.62	123.52
			<i>For Backlight Shielding, Add</i>	26.70	
			<i>For Type II Medium Optic, Add</i>	44.41	
			<i>For 480 Volt, Add</i>	105.34	
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-104.38	
			<i>For >100 To 250, Deduct</i>	-156.57	
			<i>For >250 To 500, Deduct</i>	-254.78	
			<i>For >500 To 1000, Deduct</i>	-352.98	
			<i>For >1000, Deduct</i>	-451.19	
26 56 19 00-0134	EA		100 LEDs, 111 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	2,380.35	129.70
			<i>For Backlight Shielding, Add</i>	26.70	
			<i>For Type II Medium Optic, Add</i>	45.03	
			<i>For 480 Volt, Add</i>	105.34	
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-119.02	
			<i>For >100 To 250, Deduct</i>	-178.53	
			<i>For >250 To 500, Deduct</i>	-291.06	
			<i>For >500 To 1000, Deduct</i>	-403.59	
			<i>For >1000, Deduct</i>	-516.12	
26 56 19 00-0135	EA		120 LEDs, 132 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	2,673.06	135.87
			<i>For Backlight Shielding, Add</i>	26.70	
			<i>For Type II Medium Optic, Add</i>	45.65	
			<i>For 480 Volt, Add</i>	105.34	
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-133.65	
			<i>For >100 To 250, Deduct</i>	-200.48	
			<i>For >250 To 500, Deduct</i>	-327.34	
			<i>For >500 To 1000, Deduct</i>	-454.20	
			<i>For >1000, Deduct</i>	-581.06	
26 56 19 00-0136	EA		140 LEDs, 157 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	3,055.44	142.05
			<i>For Backlight Shielding, Add</i>	26.70	
			<i>For Type II Medium Optic, Add</i>	46.27	
			<i>For 480 Volt, Add</i>	105.34	
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-152.77	
			<i>For >100 To 250, Deduct</i>	-229.16	
			<i>For >250 To 500, Deduct</i>	-374.83	
			<i>For >500 To 1000, Deduct</i>	-520.50	
			<i>For >1000, Deduct</i>	-666.17	
26 56 19 00-0137	EA		160 LEDs, 179 Watt, Arm Mount, Rectangular, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDG).....	3,348.17	148.22
			<i>For Backlight Shielding, Add</i>	26.70	
			<i>For Type II Medium Optic, Add</i>	46.88	
			<i>For 480 Volt, Add</i>	105.34	
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-167.41	
			<i>For >100 To 250, Deduct</i>	-251.11	
			<i>For >250 To 500, Deduct</i>	-411.11	
			<i>For >500 To 1000, Deduct</i>	-571.11	
			<i>For >1000, Deduct</i>	-731.10	

26 56 19 00-0138 Direct Or Arm Mount, Rectangular, High Output, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EHO) (26 56 19 00-0124)

Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 700mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0139	EA		120 LEDs, 267 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	2,466.04	135.87
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For Bird Spikes, Add</i>	49.03	
			<i>For 5,000K Color Temperature, Add</i>	56.24	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For 480 Volt, Add</i>	101.23	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For 1,000mA Driver, Add</i>	188.98	
			<i>For >50 To 100, Deduct</i>	-123.30	
			<i>For >100 To 250, Deduct</i>	-184.95	
			<i>For >250 To 500, Deduct</i>	-301.46	
			<i>For >500 To 1000, Deduct</i>	-417.97	
			<i>For >1000, Deduct</i>	-534.48	
26 56 19 00-0140	EA		240 LEDs, 533 System Watts, Direct Or Arm Mount, Rectangular, High Output, LED Area Fixture (CREE® BetaLED® Edge® ARE-EHO).....	4,181.23	166.76
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For 5,000K Color Temperature, Add</i>	56.24	
			<i>For Fuse, Add</i>	67.48	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Bird Spikes, Add</i>	73.38	
			<i>For Multi-Level, Add</i>	146.21	
			<i>For 1,000mA Driver, Add</i>	188.96	
			<i>For 480 Volt, Add</i>	202.45	
			<i>For >50 To 100, Deduct</i>	-209.06	
			<i>For >100 To 250, Deduct</i>	-313.59	
			<i>For >250 To 500, Deduct</i>	-514.32	
			<i>For >500 To 1000, Deduct</i>	-715.04	
			<i>For >1000, Deduct</i>	-915.76	
26 56 19 00-0141			Wall Mount, LED Area Fixtures <small>(26 56 19 00-0123)</small>		
26 56 19 00-0142			Wall Mount, LED Architectural Area Fixtures (Lithonia DSXW) <small>(26 56 19 00-0141)</small> Note: UL wet listed. Includes 277 voltage, 700mA remote driver, die-cast extruded aluminum housing assembly and white, black, aluminum or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0143	EA		20 LEDs, 47 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED).....	1,079.37	104.99
			<i>For >50 To 100, Deduct</i>	-53.97	
			<i>For >100 To 250, Deduct</i>	-80.95	
			<i>For >250 To 500, Deduct</i>	-129.67	
			<i>For >500 To 1000, Deduct</i>	-178.39	
			<i>For >1000, Deduct</i>	-227.11	
26 56 19 00-0144	EA		30 LEDs, 71 Watt, 4000K CCT, Wall Mount, LED Architectural Area Fixture (Lithonia DSXW2 LED).....	1,104.08	117.35
			<i>For >50 To 100, Deduct</i>	-55.20	
			<i>For >100 To 250, Deduct</i>	-82.81	
			<i>For >250 To 500, Deduct</i>	-132.14	
			<i>For >500 To 1000, Deduct</i>	-181.48	
			<i>For >1000, Deduct</i>	-230.82	
26 56 19 00-0145			Surface Mount, LED Parking Structure Fixtures <small>(26 56 19 00-0123)</small>		
26 56 19 00-0146			Surface Mount, Rectangular, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-EDG) <small>(26 56 19 00-0145)</small> Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0147	EA		40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,221.78	111.17
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-61.09	
			<i>For >100 To 250, Deduct</i>	-91.63	
			<i>For >250 To 500, Deduct</i>	-147.16	
			<i>For >500 To 1000, Deduct</i>	-202.69	
			<i>For >1000, Deduct</i>	-258.23	
26 56 19 00-0148	EA		60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,514.52	117.35
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-75.73	
			<i>For >100 To 250, Deduct</i>	-113.59	
			<i>For >250 To 500, Deduct</i>	-183.45	
			<i>For >500 To 1000, Deduct</i>	-253.31	
			<i>For >1000, Deduct</i>	-323.16	
26 56 19 00-0149	EA		80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	1,807.24	123.52
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-90.36	
			<i>For >100 To 250, Deduct</i>	-135.54	
			<i>For >250 To 500, Deduct</i>	-219.73	
			<i>For >500 To 1000, Deduct</i>	-303.91	
			<i>For >1000, Deduct</i>	-388.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0150 EA 100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-EDG).....	2,099.97	129.70
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-105.00	
For >100 To 250, Deduct	-157.50	
For >250 To 500, Deduct	-256.01	
For >500 To 1000, Deduct	-354.52	
For >1000, Deduct	-453.04	
26 56 19 00-0151 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® Edge® PKG-304) <small>(26 56 19 00-0145)</small>		
Note: Direct or pendant mount. UL wet listed. Includes 5,700K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0152 EA 40 LEDs, 47 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	1,176.00	111.17
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-58.80	
For >100 To 250, Deduct	-88.20	
For >250 To 500, Deduct	-141.44	
For >500 To 1000, Deduct	-194.68	
For >1000, Deduct	-247.92	
26 56 19 00-0153 EA 60 LEDs, 68 Watt, Surface Mount, Square, LED Parking Structure Fixture (CREE® BetaLED® Edge® PKG-304).....	1,300.89	117.35
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-65.04	
For >100 To 250, Deduct	-97.57	
For >250 To 500, Deduct	-156.74	
For >500 To 1000, Deduct	-215.92	
For >1000, Deduct	-275.10	
26 56 19 00-0154 Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VG) <small>(26 56 19 00-0145)</small>		
Note: UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0155 EA 3,700 Lumens, 50 Watt, Surface Mount, Square, LED Parking Structure Fixtures (CREE® BetaLED® VGADM5MA40KUL).....	963.19	111.17
For >50 To 100, Deduct	-48.16	
For >100 To 250, Deduct	-72.24	
For >250 To 500, Deduct	-114.84	
For >500 To 1000, Deduct	-157.44	
For >1000, Deduct	-200.04	
26 56 19 00-0156 Surface Mount, Rectangular, LED Parking Structure Fixtures (Philips Gardco ELG) <small>(26 56 19 00-0145)</small>		
Note: Direct or pendant mount. UL wet listed. Includes 4,000K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and aluminum finish. Excludes sensors.		
26 56 19 00-0157 EA 70 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,933.75	117.35
For >50 To 100, Deduct	-96.69	
For >100 To 250, Deduct	-145.03	
For >250 To 500, Deduct	-235.85	
For >500 To 1000, Deduct	-326.67	
For >1000, Deduct	-417.49	
26 56 19 00-0158 EA 110 Watt, Surface Mount, Rectangular, LED Parking Structure Fixture (Philips Gardco ELG).....	1,958.45	129.70
For >50 To 100, Deduct	-97.92	
For >100 To 250, Deduct	-146.88	
For >250 To 500, Deduct	-238.32	
For >500 To 1000, Deduct	-329.76	
For >1000, Deduct	-421.20	
26 56 19 00-0159 Surface Mount, LED Canopy Fixtures <small>(26 56 19 00-0123)</small>		
26 56 19 00-0160 Surface Mount, Rectangular, LED Canopy Fixtures (CREE® BetaLED® Edge® CAN-EDG) <small>(26 56 19 00-0159)</small>		
Note: Direct or pendant mount. UL wet listed. Includes 6,000K color temperature, 120-480 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0161 EA 40 LEDs, 47 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,423.95	111.17
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-71.20	
For >100 To 250, Deduct	-106.80	
For >250 To 500, Deduct	-172.44	
For >500 To 1000, Deduct	-238.07	
For >1000, Deduct	-303.71	
26 56 19 00-0162 EA 60 LEDs, 68 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	1,716.69	117.35
For Multi-Level Drive Currents, Add	267.03	
For >50 To 100, Deduct	-85.83	
For >100 To 250, Deduct	-128.75	
For >250 To 500, Deduct	-208.72	
For >500 To 1000, Deduct	-288.69	
For >1000, Deduct	-368.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0163	EA		80 LEDs, 90 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,009.42	123.52
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-100.47	
			<i>For >100 To 250, Deduct</i>	-150.71	
			<i>For >250 To 500, Deduct</i>	-245.00	
			<i>For >500 To 1000, Deduct</i>	-339.30	
			<i>For >1000, Deduct</i>	-433.59	
26 56 19 00-0164	EA		100 LEDs, 111 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,302.15	129.70
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-115.11	
			<i>For >100 To 250, Deduct</i>	-172.66	
			<i>For >250 To 500, Deduct</i>	-281.28	
			<i>For >500 To 1000, Deduct</i>	-369.91	
			<i>For >1000, Deduct</i>	-498.53	
26 56 19 00-0165	EA		120 LEDs, 132 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	2,594.86	135.87
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-129.74	
			<i>For >100 To 250, Deduct</i>	-194.61	
			<i>For >250 To 500, Deduct</i>	-317.56	
			<i>For >500 To 1000, Deduct</i>	-440.51	
			<i>For >1000, Deduct</i>	-563.46	
26 56 19 00-0166	EA		140 LEDs, 157 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,000.13	142.05
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-150.01	
			<i>For >100 To 250, Deduct</i>	-225.01	
			<i>For >250 To 500, Deduct</i>	-367.91	
			<i>For >500 To 1000, Deduct</i>	-510.82	
			<i>For >1000, Deduct</i>	-653.72	
26 56 19 00-0167	EA		160 LEDs, 179 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,292.86	148.22
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-164.64	
			<i>For >100 To 250, Deduct</i>	-246.96	
			<i>For >250 To 500, Deduct</i>	-404.20	
			<i>For >500 To 1000, Deduct</i>	-561.43	
			<i>For >1000, Deduct</i>	-718.66	
26 56 19 00-0168	EA		200 LEDs, 221 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	3,878.32	160.58
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-193.92	
			<i>For >100 To 250, Deduct</i>	-290.87	
			<i>For >250 To 500, Deduct</i>	-476.76	
			<i>For >500 To 1000, Deduct</i>	-662.65	
			<i>For >1000, Deduct</i>	-848.54	
26 56 19 00-0169	EA		240 LEDs, 264 Watt, Surface Mount, Rectangular, LED Canopy Fixture (CREE® BetaLED® Edge® CAN-EDG).....	4,451.42	166.76
			<i>For Multi-Level Drive Currents, Add</i>	267.03	
			<i>For >50 To 100, Deduct</i>	-222.57	
			<i>For >100 To 250, Deduct</i>	-333.86	
			<i>For >250 To 500, Deduct</i>	-548.09	
			<i>For >500 To 1000, Deduct</i>	-762.32	
			<i>For >1000, Deduct</i>	-976.56	
26 56 19 00-0170			Surface Mount, Square, LED Canopy/Soffit Fixtures (CREE® BetaLED® CPY250) <small>(26 56 19 00-0159)</small>		
			Note: UL wet listed. Includes 5,700K color temperature, 120-277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0171	EA		8,000 Lumens, 82 Watt, Surface Mount, Square, LED Canopy/Soffit Fixture (CREE® BetaLED® CPY250)	966.11	123.52
			<i>For >50 To 100, Deduct</i>	-48.31	
			<i>For >100 To 250, Deduct</i>	-72.46	
			<i>For >250 To 500, Deduct</i>	-114.59	
			<i>For >500 To 1000, Deduct</i>	-156.72	
			<i>For >1000, Deduct</i>	-198.85	
26 56 19 00-0172			Recessed Mount, LED Soffit Fixtures <small>(26 56 19 00-0123)</small>		
26 56 19 00-0173			Recessed Mount, Square, LED Soffit Fixtures (CREE® BetaLED® SFT-304) <small>(26 56 19 00-0172)</small>		
			Note: UL wet listed. Includes 5,700K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0174	EA		40 LEDs, 47 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304).....	1,198.89	111.17
			<i>For >50 To 100, Deduct</i>	-59.94	
			<i>For >100 To 250, Deduct</i>	-89.92	
			<i>For >250 To 500, Deduct</i>	-144.30	
			<i>For >500 To 1000, Deduct</i>	-198.69	
			<i>For >1000, Deduct</i>	-253.07	
26 56 19 00-0175	EA		60 LEDs, 68 Watt, Recessed Mount, Square, LED Soffit Fixture (CREE® BetaLED® SFT-304).....	1,323.78	117.35
			<i>For >50 To 100, Deduct</i>	-66.19	
			<i>For >100 To 250, Deduct</i>	-99.28	
			<i>For >250 To 500, Deduct</i>	-159.61	
			<i>For >500 To 1000, Deduct</i>	-219.93	
			<i>For >1000, Deduct</i>	-280.25	
26 56 19 00-0176			Surface Mount, LED Area Fixtures <small>(26 56 19 00-0123)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0177 Surface Mount, Square, LED Multi-Purpose Area Fixtures (LSI Industries® Crossover® XPG) <small>(26 56 19 00-0176)</small> Note: UL wet listed. Includes 5,300K color temperature, 120/277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black or silver powder coat finish. Excludes sensors.		
26 56 19 00-0178 EA 50 LEDs, 59 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	626.81	111.17
For >50 To 100, Deduct	-31.34	
For >100 To 250, Deduct	-47.01	
For >250 To 500, Deduct	-72.79	
For >500 To 1000, Deduct	-98.57	
For >1000, Deduct	-124.36	
26 56 19 00-0179 EA 50 LEDs, 59 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,404.37	111.17
For >50 To 100, Deduct	-70.22	
For >100 To 250, Deduct	-105.33	
For >250 To 500, Deduct	-169.99	
For >500 To 1000, Deduct	-234.65	
For >1000, Deduct	-299.31	
26 56 19 00-0180 EA 68 LEDs, 79 Watt, Surface Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,161.69	123.52
For >50 To 100, Deduct	-58.08	
For >100 To 250, Deduct	-87.13	
For >250 To 500, Deduct	-139.04	
For >500 To 1000, Deduct	-190.94	
For >1000, Deduct	-242.85	
26 56 19 00-0181 EA 68 LEDs, 79 Watt, Pendant Mount, Square, LED Multi-Purpose Area Fixture (LSI Industries® Crossover® XPG).....	1,443.94	123.52
For >50 To 100, Deduct	-72.20	
For >100 To 250, Deduct	-108.30	
For >250 To 500, Deduct	-174.32	
For >500 To 1000, Deduct	-240.34	
For >1000, Deduct	-306.36	
26 56 19 00-0182 Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour®) <small>(26 56 19 00-0176)</small> Note: Wall, inverted, post, bollard, floodlight trunnion, or floodlight knuckle mount. UL wet listed. Includes 5,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0183 EA 13 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR1A).....	201.61	39.11
For Knuckle Mount Or Trunnion Mount Base, Add	45.00	
For >50 To 100, Deduct	-10.08	
For >100 To 250, Deduct	-15.12	
For >250 To 500, Deduct	-23.57	
For >500 To 1000, Deduct	-32.02	
For >1000, Deduct	-40.47	
26 56 19 00-0184 EA 20 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR2A).....	230.55	39.11
For Knuckle Mount Or Trunnion Mount Base, Add	45.00	
For >50 To 100, Deduct	-11.53	
For >100 To 250, Deduct	-17.29	
For >250 To 500, Deduct	-27.19	
For >500 To 1000, Deduct	-37.09	
For >1000, Deduct	-46.99	
26 56 19 00-0185 EA 30 Watt, Surface Mount, LED Multi-Purpose Area Fixture (Lumark Crosstour® XTOR3A).....	285.67	39.11
For Knuckle Mount Or Trunnion Mount Base, Add	45.00	
For >50 To 100, Deduct	-14.28	
For >100 To 250, Deduct	-21.43	
For >250 To 500, Deduct	-34.08	
For >500 To 1000, Deduct	-46.73	
For >1000, Deduct	-59.39	
26 56 19 00-0186 Surface Mount, LED Multi-Purpose Area Fixture (Designplan LED VIM) <small>(26 56 19 00-0176)</small> Note: Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and black, white or silver powder coat finish. Excludes sensors.		
26 56 19 00-0187 EA 20 Watt, Surface Mount, LED Multi-Purpose Area Fixture With Integral Battery Backup (Designplan LED VIM).....	2,795.46	39.11
For >50 To 100, Deduct	-139.77	
For >100 To 250, Deduct	-209.66	
For >250 To 500, Deduct	-347.80	
For >500 To 1000, Deduct	-485.95	
For >1000, Deduct	-624.09	
26 56 19 00-0188 Surface Mount, LED Facade Fixtures <small>(26 56 19 00-0123)</small>		
26 56 19 00-0189 Surface Mount, LED Facade Fixtures (lumenpulse™ lumenfacade™) <small>(26 56 19 00-0188)</small>		
26 56 19 00-0190 EA 12" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	735.59	45.65
For >50 To 100, Deduct	-36.78	
For >100 To 250, Deduct	-55.17	
For >250 To 500, Deduct	-90.21	
For >500 To 1000, Deduct	-125.25	
For >1000, Deduct	-160.30	
26 56 19 00-0191 EA 24" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,206.08	41.68
For >50 To 100, Deduct	-60.30	
For >100 To 250, Deduct	-90.46	
For >250 To 500, Deduct	-149.27	
For >500 To 1000, Deduct	-208.09	
For >1000, Deduct	-266.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0192	EA		36" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,543.98	34.73
			<i>For >50 To 100, Deduct</i>	-77.20	
			<i>For >100 To 250, Deduct</i>	-115.80	
			<i>For >250 To 500, Deduct</i>	-191.76	
			<i>For >500 To 1000, Deduct</i>	-267.72	
			<i>For >1000, Deduct</i>	-343.67	
26 56 19 00-0193	EA		48" Length, Fixed Surface Mount, LED Façade Fixture (lumenpulse™ lumenfacade™).....	1,881.84	27.79
			<i>For >50 To 100, Deduct</i>	-94.09	
			<i>For >100 To 250, Deduct</i>	-141.14	
			<i>For >250 To 500, Deduct</i>	-234.24	
			<i>For >500 To 1000, Deduct</i>	-327.34	
			<i>For >1000, Deduct</i>	-420.44	
26 56 19 00-0194			Post Top, LED Area Fixtures <small>(26 56 19 00-0123)</small>		
26 56 19 00-0195			Post Top, LED Area Fixtures (Cooper Lighting Invue® MSA) <small>(26 56 19 00-0194)</small>		
			Note: UL wet listed. Includes 4,000K color temperature, 120-480 voltage, 350mA remote driver, die-cast extruded aluminum housing assembly and white, black, grey, dark platinum, graphite metallic or bronze powder coat finish. Excludes sensors.		
26 56 19 00-0196	EA		1,800 Lumens, 27 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO1).....	2,049.20	169.84
			<i>For >50 To 100, Deduct</i>	-102.46	
			<i>For >100 To 250, Deduct</i>	-153.69	
			<i>For >250 To 500, Deduct</i>	-247.66	
			<i>For >500 To 1000, Deduct</i>	-341.63	
			<i>For >1000, Deduct</i>	-435.59	
26 56 19 00-0197	EA		3,400 Lumens, 54 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO2).....	2,267.32	169.84
			<i>For >50 To 100, Deduct</i>	-113.37	
			<i>For >100 To 250, Deduct</i>	-170.05	
			<i>For >250 To 500, Deduct</i>	-274.92	
			<i>For >500 To 1000, Deduct</i>	-379.80	
			<i>For >1000, Deduct</i>	-484.67	
26 56 19 00-0198	EA		77 Watt, Post Top Mount, Acorn Style LED Area Fixture (Cooper Lighting Invue® MSA-CO3).....	2,439.74	169.84
			<i>For >50 To 100, Deduct</i>	-121.99	
			<i>For >100 To 250, Deduct</i>	-182.98	
			<i>For >250 To 500, Deduct</i>	-296.48	
			<i>For >500 To 1000, Deduct</i>	-409.97	
			<i>For >1000, Deduct</i>	-523.46	
26 56 19 00-0199			Post Top, LED Area Fixtures (General Electric EPAS) <small>(26 56 19 00-0194)</small>		
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, green or bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0200	EA		3,200 Lumens, 45 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 E5/E3).....	2,423.26	169.84
			<i>For >50 To 100, Deduct</i>	-121.16	
			<i>For >100 To 250, Deduct</i>	-181.74	
			<i>For >250 To 500, Deduct</i>	-294.42	
			<i>For >500 To 1000, Deduct</i>	-407.09	
			<i>For >1000, Deduct</i>	-519.76	
26 56 19 00-0201	EA		6,515 Lumens, 80 Watt, Post Top Mount, Acorn Style LED Area Fixture (General Electric EPAS 0 C5/C3).....	2,479.30	169.84
			<i>For >50 To 100, Deduct</i>	-123.97	
			<i>For >100 To 250, Deduct</i>	-185.95	
			<i>For >250 To 500, Deduct</i>	-301.42	
			<i>For >500 To 1000, Deduct</i>	-416.89	
			<i>For >1000, Deduct</i>	-532.37	
26 56 19 00-0202			Post Top, LED Area Fixtures (General Electric EPTC) <small>(26 56 19 00-0194)</small>		
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black, gray or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0203	EA		3,200 Lumens, 45 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 E5/E3).....	1,664.50	169.84
			<i>For >50 To 100, Deduct</i>	-83.23	
			<i>For >100 To 250, Deduct</i>	-124.84	
			<i>For >250 To 500, Deduct</i>	-199.57	
			<i>For >500 To 1000, Deduct</i>	-274.30	
			<i>For >1000, Deduct</i>	-349.04	
26 56 19 00-0204	EA		6,150 Lumens, 80 Watt, Post Top Mount, Contemporary Twin Support Style LED Area Fixture (General Electric EPTC 0 C5/C3).....	1,748.37	169.84
			<i>For >50 To 100, Deduct</i>	-87.42	
			<i>For >100 To 250, Deduct</i>	-131.13	
			<i>For >250 To 500, Deduct</i>	-210.05	
			<i>For >500 To 1000, Deduct</i>	-288.98	
			<i>For >1000, Deduct</i>	-367.91	
26 56 19 00-0205			Post Top, LED Area Fixtures (General Electric EPST) <small>(26 56 19 00-0194)</small>		
			Note: UL wet listed. Includes 4,100K color temperature, 120-480 voltage, die-cast extruded aluminum housing assembly and black or dark bronze powder coat finish. Includes photocontrol sensor.		
26 56 19 00-0206	EA		3,135 Lumens, 45 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 E5/E3).....	1,283.26	169.84
			<i>For >50 To 100, Deduct</i>	-64.16	
			<i>For >100 To 250, Deduct</i>	-96.24	
			<i>For >250 To 500, Deduct</i>	-151.92	
			<i>For >500 To 1000, Deduct</i>	-207.59	
			<i>For >1000, Deduct</i>	-263.26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0207 EA 6,115 Lumens, 80 Watt, Post Top Mount, Utility Carriage Style LED Area Fixture (General Electric EPST 0 C5/C3).....	1,367.13	169.84
For >50 To 100, Deduct	-68.36	
For >100 To 250, Deduct	-102.53	
For >250 To 500, Deduct	-162.40	
For >500 To 1000, Deduct	-222.26	
For >1000, Deduct	-282.13	
26 56 19 00-0208 Post Top, LED Area Fixtures (CREE® BetaLED® Edge® ARE-EDR) (26 56 19 00-0194)		
Note: UL wet listed. Includes 4,000K color temperature, 120/277 voltage, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Includes Type V Medium optic. Excludes sensors.		
26 56 19 00-0209 EA 13,800 Lumens, 130 Watt, Post Top Mount, LED Area Fixture (CREE® BetaLED® Edge® ARE-EDR).....	3,246.45	169.84
For >50 To 100, Deduct	-162.32	
For >100 To 250, Deduct	-243.48	
For >250 To 500, Deduct	-397.31	
For >500 To 1000, Deduct	-551.14	
For >1000, Deduct	-704.97	
26 56 19 00-0210 LED Retrofit For Post Top, Traditional Area Fixtures (CREE® BetaLED® BXRA) (26 56 19 00-0194)		
Note: Includes 2,700K or 4,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0211 EA LED Retrofit For Post Top, Holophane® Utility Granville Acorn Area Fixtures (CREE® BetaLED® BXRAAH53).....	882.08	92.64
For 0 To 10 Volt Dimming, Add	67.48	
For >50 To 100, Deduct	-44.10	
For >100 To 250, Deduct	-66.16	
For >250 To 500, Deduct	-105.63	
For >500 To 1000, Deduct	-145.10	
For >1000, Deduct	-184.57	
26 56 19 00-0212 LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT) (26 56 19 00-0194)		
Note: Includes 3,000K color temperature and 120/277 voltage retrofit assembly. Excludes recycling or disposal of lamps and ballasts. See CSI section 02 84 16 00-0003 for ballast recycling.		
26 56 19 00-0213 EA LED Retrofit For Post Top, Decorative Area Fixtures (CREE® DPT).....	560.91	19.76
For Backlight Control Shield, Add	44.10	
For >50 To 100, Deduct	-28.05	
For >100 To 250, Deduct	-42.07	
For >250 To 500, Deduct	-68.14	
For >500 To 1000, Deduct	-94.21	
For >1000, Deduct	-120.28	
26 56 19 00-0214 Surface Mount, LED Strip Fixtures (Sylvania) (26 56 19 00-0123)		
26 56 19 00-0215 EA 4' Long, 5,200 Lumens, 40 Watt, Vapor Tight Dimmable LED Fixture (Sylvania VAPOR1B/040UNVD840/48EC/GR/D).....	507.40	36.32
For >50 To 100, Deduct	-25.37	
For >100 To 250, Deduct	-38.06	
For >250 To 500, Deduct	-62.06	
For >500 To 1000, Deduct	-86.07	
For >1000, Deduct	-110.07	
26 56 19 00-0216 LED, Wall Packs (26 56 19)		
26 56 19 00-0217 Full Cutoff, LED Wall Packs (26 56 19 00-0216)		
26 56 19 00-0218 Full Cutoff, LED Wall Packs (Lithonia) (26 56 19 00-0217)		
26 56 19 00-0219 EA 30 LEDs, 57 Watt, 530 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	943.73	108.09
For >50 To 100, Deduct	-47.19	
For >100 To 250, Deduct	-70.78	
For >250 To 500, Deduct	-112.56	
For >500 To 1000, Deduct	-154.34	
For >1000, Deduct	-196.13	
26 56 19 00-0220 EA 30 LEDs, 35 Watt, 350 mA Drive Current, Full Cutoff, LED Wall Pack (Lithonia CSXW LED).....	1,022.71	108.09
For >50 To 100, Deduct	-51.14	
For >100 To 250, Deduct	-76.70	
For >250 To 500, Deduct	-122.43	
For >500 To 1000, Deduct	-168.17	
For >1000, Deduct	-213.90	
26 56 19 00-0221 Full Cutoff, LED Wall Packs (CREE® BetaLED®) (26 56 19 00-0217)		
26 56 19 00-0222 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® Edge® SEC-EDG) (26 56 19 00-0221)		
Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, 350mA driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0223	EA		20 LEDs, 26 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,024.88	104.99
			Note: Includes 350mA or 525mA driver.		
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Bird Spikes, Add	53.01	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For 480 Volt, Add	101.23	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-51.24	
			For >100 To 250, Deduct	-76.87	
			For >250 To 500, Deduct	-122.86	
			For >500 To 1000, Deduct	-168.85	
			For >1000, Deduct	-214.85	
26 56 19 00-0224	EA		40 LEDs, 47 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,332.48	111.17
			Note: Includes 350mA or 525mA driver.		
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Bird Spikes, Add	53.63	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For 480 Volt, Add	101.23	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-66.62	
			For >100 To 250, Deduct	-99.94	
			For >250 To 500, Deduct	-161.00	
			For >500 To 1000, Deduct	-222.07	
			For >1000, Deduct	-283.13	
26 56 19 00-0225	EA		60 LEDs, 68 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,497.35	117.35
			Note: Includes 350mA or 525mA driver.		
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Bird Spikes, Add	54.25	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For 480 Volt, Add	101.23	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-74.87	
			For >100 To 250, Deduct	-112.30	
			For >250 To 500, Deduct	-181.30	
			For >500 To 1000, Deduct	-250.30	
			For >1000, Deduct	-319.30	
26 56 19 00-0226	EA		80 LEDs, 90 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	1,947.70	123.52
			Note: Includes 350mA or 525mA driver.		
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Bird Spikes, Add	54.86	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For 480 Volt, Add	101.23	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-97.39	
			For >100 To 250, Deduct	-146.08	
			For >250 To 500, Deduct	-237.29	
			For >500 To 1000, Deduct	-328.50	
			For >1000, Deduct	-419.70	
26 56 19 00-0227	EA		100 LEDs, 111 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,255.30	129.70
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Bird Spikes, Add	55.48	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For 480 Volt, Add	101.23	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-112.77	
			For >100 To 250, Deduct	-169.15	
			For >250 To 500, Deduct	-275.43	
			For >500 To 1000, Deduct	-381.71	
			For >1000, Deduct	-487.99	
26 56 19 00-0228	EA		120 LEDs, 132 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® Edge® SEC-EDG)	2,562.90	135.87
			For 3 Or 7-Pin NEMA Photocell Receptacle, Add	22.49	
			For Bird Spikes, Add	56.10	
			For Fuse, Add	67.48	
			For 0 To 10 Volt Dimming, Add	67.48	
			For 480 Volt, Add	101.23	
			For Multi-Level, Add	146.21	
			For >50 To 100, Deduct	-128.15	
			For >100 To 250, Deduct	-192.22	
			For >250 To 500, Deduct	-313.57	
			For >500 To 1000, Deduct	-434.92	
			For >1000, Deduct	-556.27	

26 56 19 00-0229 Wall Mount, Full Cutoff, LED Wall Packs (CREE® BetaLED® XSPW™)^{(26 56}

^{19 00-0221)}

Note: UL wet listed. Includes 4,000K or 5,700K color temperature, 120-277 voltage, Class 2 driver, die-cast extruded aluminum housing assembly and white, black, silver or bronze powder coat finish. Excludes sensors.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0230	EA		25 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	586.44	104.99
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Multi-Level, Add</i>	67.48	
			<i>For >50 To 100, Deduct</i>	-29.32	
			<i>For >100 To 250, Deduct</i>	-43.98	
			<i>For >250 To 500, Deduct</i>	-68.06	
			<i>For >500 To 1000, Deduct</i>	-92.13	
			<i>For >1000, Deduct</i>	-116.20	
26 56 19 00-0231	EA		42 Watt, Wall Mount, Full Cutoff, LED Wall Pack (CREE® BetaLED® XSPW™)	686.62	111.17
			<i>For 3 Or 7-Pin NEMA Photocell Receptacle, Add</i>	22.49	
			<i>For 0 To 10 Volt Dimming, Add</i>	67.48	
			<i>For Multi-Level, Add</i>	67.48	
			<i>For >50 To 100, Deduct</i>	-34.33	
			<i>For >100 To 250, Deduct</i>	-51.50	
			<i>For >250 To 500, Deduct</i>	-80.27	
			<i>For >500 To 1000, Deduct</i>	-109.04	
			<i>For >1000, Deduct</i>	-137.81	
26 56 19 00-0232			Full Cutoff, LED Wall Packs (McGraw-Edison) <small>(26 56 19 00-0217)</small>		
26 56 19 00-0233	EA		One 7 LED Light Bar, 27 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,247.68	104.99
26 56 19 00-0234	EA		Two 7 LED Light Bars, 54 System Watts, 1 A Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,554.65	111.17
26 56 19 00-0235	EA		One 21 LED Light Bar, 27 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,262.84	104.99
26 56 19 00-0236	EA		Two 21 LED Light Bars, 51 System Watts, 350 mA Drive Current, Full Cutoff, LED Wall Pack (McGraw-Edison IST).....	1,693.30	111.17
26 56 19 00-0237			Open Face LED Wall Pack <small>(26 56 19 00-0216)</small>		
			Note: Heavy-duty cast aluminum housing is polyester powder coated to be rust and corrosion proof, High-quality shatter-resistant glass		
26 56 19 00-0238	EA		3,640 Lumens, 28 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP28U-50B-MS).....	700.93	108.63
			<i>For >50 To 100, Deduct</i>	-35.05	
			<i>For >100 To 250, Deduct</i>	-52.57	
			<i>For >250 To 500, Deduct</i>	-79.47	
			<i>For >500 To 1000, Deduct</i>	-106.37	
			<i>For >1000, Deduct</i>	-133.27	
26 56 19 00-0239	EA		5,540 Lumens, 40 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP40U-50B-MS).....	756.41	108.63
			<i>For >50 To 100, Deduct</i>	-37.82	
			<i>For >100 To 250, Deduct</i>	-56.73	
			<i>For >250 To 500, Deduct</i>	-86.40	
			<i>For >500 To 1000, Deduct</i>	-116.08	
			<i>For >1000, Deduct</i>	-145.75	
26 56 19 00-0240	EA		7,065 Lumens, 50 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP50U-50B-MS).....	785.47	108.63
			<i>For >50 To 100, Deduct</i>	-39.27	
			<i>For >100 To 250, Deduct</i>	-58.91	
			<i>For >250 To 500, Deduct</i>	-90.04	
			<i>For >500 To 1000, Deduct</i>	-121.16	
			<i>For >1000, Deduct</i>	-152.29	
26 56 19 00-0241	EA		11,375 Lumens, 80 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP80U-50B-MS).....	809.04	108.63
			<i>For >50 To 100, Deduct</i>	-40.45	
			<i>For >100 To 250, Deduct</i>	-60.68	
			<i>For >250 To 500, Deduct</i>	-92.98	
			<i>For >500 To 1000, Deduct</i>	-125.29	
			<i>For >1000, Deduct</i>	-157.59	
26 56 19 00-0242	EA		16,945 Lumens, 120 Watt, Open Face LED Wall Pack, With Motion Sensor (Maxlite WP-OP120U-50B-MS).....	985.81	108.63
			<i>For >50 To 100, Deduct</i>	-49.29	
			<i>For >100 To 250, Deduct</i>	-73.94	
			<i>For >250 To 500, Deduct</i>	-115.08	
			<i>For >500 To 1000, Deduct</i>	-156.22	
			<i>For >1000, Deduct</i>	-197.37	
26 56 19 00-0243			Wall Pack Accessories <small>(26 56 19 00-0216)</small>		
26 56 19 00-0244	EA		Photocell For Wall Pack.....	130.66	27.16
26 56 19 00-0245	EA		Wire Guard For Mini And Small Wall Pack.....	146.62	27.16
26 56 19 00-0246	EA		Wire Guard For Medium And Large Wall Pack.....	213.36	27.16
26 56 19 00-0247	EA		Clear Polycarbonate Vandal Guard For Wall Packs.....	309.68	27.16
26 56 19 00-0248	EA		Full Cutoff Visor For Wall Pack.....	142.27	27.16
26 56 19 00-0249			LED Wall Packs (Lithonia Lighting) <small>(26 56 19 00-0216)</small>		
26 56 19 00-0250	EA		28 Watt, 4000K CCT, Adjustable Lumen Output, LED Wall Packs (Lithonia Lighting TWR1 LED ALO 40K MVOLT DDBTXD M2).....	420.83	95.05
			<i>For >50 To 100, Deduct</i>	-21.04	
			<i>For >100 To 250, Deduct</i>	-31.56	
			<i>For >250 To 500, Deduct</i>	-47.85	
			<i>For >500 To 1000, Deduct</i>	-64.14	
			<i>For >1000, Deduct</i>	-80.43	
26 56 19 00-0251	EA		28 Watt, 5000K CCT, Adjustable Lumen Output, LED Wall Packs (Lithonia Lighting TWR1 LED ALO 50K MVOLT DDBTXD M2).....	420.83	95.05
			<i>For >50 To 100, Deduct</i>	-21.04	
			<i>For >100 To 250, Deduct</i>	-31.56	
			<i>For >250 To 500, Deduct</i>	-47.85	
			<i>For >500 To 1000, Deduct</i>	-64.14	
			<i>For >1000, Deduct</i>	-80.43	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0252	EA		3,442 Lumens, 28 Watt, 4000K CCT, LED Wall Packs (Lithonia Lighting TWR1 LED P2 40K MVOLT DDBTXD M2)	420.83	95.05
			<i>For >50 To 100, Deduct</i>	-21.04	
			<i>For >100 To 250, Deduct</i>	-31.56	
			<i>For >250 To 500, Deduct</i>	-47.85	
			<i>For >500 To 1000, Deduct</i>	-64.14	
			<i>For >1000, Deduct</i>	-80.43	
26 56 19 00-0253	EA		3,519 Lumens, 28 Watt, 5000K CCT, LED Wall Packs (Lithonia Lighting TWR1 LED P2 50K MVOLT DDBTXD M2)	420.83	95.05
			<i>For >50 To 100, Deduct</i>	-21.04	
			<i>For >100 To 250, Deduct</i>	-31.56	
			<i>For >250 To 500, Deduct</i>	-47.85	
			<i>For >500 To 1000, Deduct</i>	-64.14	
			<i>For >1000, Deduct</i>	-80.43	
26 56 19 00-0254	EA		4,466 Lumens, 40 Watt, 4000K CCT, LED Wall Packs (Lithonia Lighting TWR1 LED P3 40K MVOLT DDBTXD M2)	458.04	95.05
			<i>For >50 To 100, Deduct</i>	-22.90	
			<i>For >100 To 250, Deduct</i>	-34.35	
			<i>For >250 To 500, Deduct</i>	-52.50	
			<i>For >500 To 1000, Deduct</i>	-70.65	
			<i>For >1000, Deduct</i>	-88.80	
26 56 19 00-0255	EA		4,554 Lumens, 40 Watt, 5000K CCT, LED Wall Packs (Lithonia Lighting TWR1 LED P3 50K MVOLT DDBTXD M2)	458.04	95.05
			<i>For >50 To 100, Deduct</i>	-22.90	
			<i>For >100 To 250, Deduct</i>	-34.35	
			<i>For >250 To 500, Deduct</i>	-52.50	
			<i>For >500 To 1000, Deduct</i>	-70.65	
			<i>For >1000, Deduct</i>	-88.80	
26 56 19 00-0256	EA		5,551 Lumens, 49 Watt, 4000K CCT, LED Wall Packs (Lithonia Lighting TWR1 LED P4 40K MVOLT DDBTXD M2)	495.26	95.05
			<i>For >50 To 100, Deduct</i>	-24.76	
			<i>For >100 To 250, Deduct</i>	-37.14	
			<i>For >250 To 500, Deduct</i>	-57.16	
			<i>For >500 To 1000, Deduct</i>	-77.17	
			<i>For >1000, Deduct</i>	-97.18	
26 56 19 00-0257	EA		5,695 Lumens, 49 Watt, 5000K CCT, LED Wall Packs (Lithonia Lighting TWR1 LED P4 50K MVOLT DDBTXD M2)	495.26	95.05
			<i>For >50 To 100, Deduct</i>	-24.76	
			<i>For >100 To 250, Deduct</i>	-37.14	
			<i>For >250 To 500, Deduct</i>	-57.16	
			<i>For >500 To 1000, Deduct</i>	-77.17	
			<i>For >1000, Deduct</i>	-97.18	
26 56 19 00-0258	EA		8,150 Lumens, 64 Watt, 4000K CCT, LED Wall Packs (Lithonia Lighting TWR2 LED P1 40K MVOLT DDBTXD M2)	532.47	95.05
			<i>For >50 To 100, Deduct</i>	-26.62	
			<i>For >100 To 250, Deduct</i>	-39.94	
			<i>For >250 To 500, Deduct</i>	-61.81	
			<i>For >500 To 1000, Deduct</i>	-83.68	
			<i>For >1000, Deduct</i>	-105.55	
26 56 19 00-0259	EA		8,150 Lumens, 64 Watt, 4000K CCT, LED Wall Packs (Lithonia Lighting TWR2 LED P1 50K MVOLT DDBTXD M2)	532.47	95.05
			<i>For >50 To 100, Deduct</i>	-26.62	
			<i>For >100 To 250, Deduct</i>	-39.94	
			<i>For >250 To 500, Deduct</i>	-61.81	
			<i>For >500 To 1000, Deduct</i>	-83.68	
			<i>For >1000, Deduct</i>	-105.55	
26 56 19 00-0260	EA		9,700 Lumens, 73 Watt, 4000K CCT, LED Wall Packs (Lithonia Lighting TWR2 LED P2 40K MVOLT DDBTXD M2)	616.20	95.05
			<i>For >50 To 100, Deduct</i>	-30.81	
			<i>For >100 To 250, Deduct</i>	-46.22	
			<i>For >250 To 500, Deduct</i>	-72.27	
			<i>For >500 To 1000, Deduct</i>	-98.33	
			<i>For >1000, Deduct</i>	-124.39	
26 56 19 00-0261	EA		9,700 Lumens, 73 Watt, 5000K CCT, LED Wall Packs (Lithonia Lighting TWR2 LED P2 50K MVOLT DDBTXD M2)	616.20	95.05
			<i>For >50 To 100, Deduct</i>	-30.81	
			<i>For >100 To 250, Deduct</i>	-46.22	
			<i>For >250 To 500, Deduct</i>	-72.27	
			<i>For >500 To 1000, Deduct</i>	-98.33	
			<i>For >1000, Deduct</i>	-124.39	
26 56 19 00-0262			Wall Pack LED Fixtures (Jarvis WMFT) <small>(26 56 19 00-0216)</small>		
26 56 19 00-0263	EA		3,200 Lumens, 25 Watt, 1 LED, Wall Mounted Security Fixture (Jarvis Corp WMFT-100)	300.95	79.38
			<i>For >50 To 100, Deduct</i>	-15.05	
			<i>For >100 To 250, Deduct</i>	-22.57	
			<i>For >250 To 500, Deduct</i>	-33.65	
			<i>For >500 To 1000, Deduct</i>	-44.73	
			<i>For >1000, Deduct</i>	-55.81	
26 56 19 00-0264	EA		6,451 Lumens, 52 Watt, 2 LEDs, Wall Mounted Security Fixture (Jarvis Corp WMFT-250)	332.56	79.38
			<i>For >50 To 100, Deduct</i>	-16.63	
			<i>For >100 To 250, Deduct</i>	-24.94	
			<i>For >250 To 500, Deduct</i>	-37.60	
			<i>For >500 To 1000, Deduct</i>	-50.26	
			<i>For >1000, Deduct</i>	-62.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 19 00-0265 EA 9,503 Lumens, 77 Watt, 3 LEDs, Wall Mounted Security Fixture (Jarvis Corp WMFT-350).....	379.97	79.38
<i>For >50 To 100, Deduct</i>	-19.00	
<i>For >100 To 250, Deduct</i>	-28.50	
<i>For >250 To 500, Deduct</i>	-43.53	
<i>For >500 To 1000, Deduct</i>	-58.56	
<i>For >1000, Deduct</i>	-73.58	
26 56 19 00-0266 EA 5,235 Lumens, 54 Watt, 2 LEDs, Wall Mounted Security Fixture (Jarvis Corp WMFT-250-HV).....	356.27	79.38
<i>For >50 To 100, Deduct</i>	-17.81	
<i>For >100 To 250, Deduct</i>	-26.72	
<i>For >250 To 500, Deduct</i>	-40.56	
<i>For >500 To 1000, Deduct</i>	-54.41	
<i>For >1000, Deduct</i>	-68.25	
26 56 19 00-0267 LED, Wall Sconce (26 56 19)		
26 56 19 00-0268 EA 25", 2000 Lumens, 20 Watt, 4000K CCT, Aluminum, LED Luminous Wall Sconce.....	1,541.53	43.53
<i>For >50 To 100, Deduct</i>	-77.08	
<i>For >100 To 250, Deduct</i>	-115.61	
<i>For >250 To 500, Deduct</i>	-191.06	
<i>For >500 To 1000, Deduct</i>	-266.50	
<i>For >1000, Deduct</i>	-341.95	
26 56 19 00-0269 EA 37", 3000 Lumens, 29 Watt, 4000K CCT, Aluminum, LED Luminous Wall Sconce.....	1,824.95	43.53
<i>For >50 To 100, Deduct</i>	-91.25	
<i>For >100 To 250, Deduct</i>	-136.87	
<i>For >250 To 500, Deduct</i>	-226.49	
<i>For >500 To 1000, Deduct</i>	-316.10	
<i>For >1000, Deduct</i>	-405.72	
26 56 19 00-0270 EA 9 Watt, LED Mini Wall Sconce (Lithonia WSTM LED)	1,205.19	108.09
<i>For >50 To 100, Deduct</i>	-60.26	
<i>For >100 To 250, Deduct</i>	-90.39	
<i>For >250 To 500, Deduct</i>	-145.24	
<i>For >500 To 1000, Deduct</i>	-200.10	
<i>For >1000, Deduct</i>	-254.96	
26 56 19 00-0271 EA 17 Watt, LED Mini Wall Sconce (Lithonia WSTM LED)	1,334.17	108.09
<i>For >50 To 100, Deduct</i>	-66.71	
<i>For >100 To 250, Deduct</i>	-100.06	
<i>For >250 To 500, Deduct</i>	-161.37	
<i>For >500 To 1000, Deduct</i>	-222.67	
<i>For >1000, Deduct</i>	-283.98	
26 56 19 00-0272 EA LED Exterior Sconce (EATON TRE15LD420W350 PLBKUNVED)	807.71	79.38
<i>For >50 To 100, Deduct</i>	-40.39	
<i>For >100 To 250, Deduct</i>	-60.58	
<i>For >250 To 500, Deduct</i>	-96.99	
<i>For >500 To 1000, Deduct</i>	-133.41	
<i>For >1000, Deduct</i>	-169.83	
26 56 19 00-0273 EA Half Face Surface Mount, 10-1/2" Round, Outdoor LED Sconce (Hubbell WF21 S 9L4KUV WH).....	491.26	43.53
<i>For >50 To 100, Deduct</i>	-24.56	
<i>For >100 To 250, Deduct</i>	-36.84	
<i>For >250 To 500, Deduct</i>	-59.78	
<i>For >500 To 1000, Deduct</i>	-82.71	
<i>For >1000, Deduct</i>	-105.64	
26 56 21 HID Exterior Lighting (26 56)		
26 56 21 00-0001 High Mast Fixtures (26 56 21)		
26 56 21 00-0002 Metal Halide, High Mast Fixtures (26 56 21 00-0001)		
26 56 21 00-0003 EA 400 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	1,926.88	152.90
26 56 21 00-0004 EA 400 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,060.96	152.90
26 56 21 00-0005 EA 750 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,039.83	174.68
26 56 21 00-0006 EA 750 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,120.28	174.68
26 56 21 00-0007 EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type V) As Manufactured By Metrolux	2,138.27	218.34
26 56 21 00-0008 EA 1,000 W High Mast Metal Halide Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,218.72	218.34
26 56 21 00-0009 High Pressure Sodium, High Mast Fixtures (26 56 21 00-0001)		
26 56 21 00-0010 EA 400 W High Mast HPS Fixture (VA 25 Type V) As Manufactured By Metrolux.....	1,991.76	152.90
26 56 21 00-0011 EA 400 W High Mast HPS Fixture (VA 25 Type VS, VF 1 And 3) As Manufactured By Metrolux	2,072.21	152.90
26 56 21 00-0012 EA 600 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,413.30	161.63
26 56 21 00-0013 EA 750 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,471.00	174.68
26 56 21 00-0014 EA 1,000 Watt High Mast HPS Fixture (VA 25 Type V, VS, VF 1 And 3) As Manufactured By Metrolux	2,609.67	218.34
26 56 21 00-0015 Metal Halide, Area Fixtures (26 56 21)		
26 56 21 00-0016 Metal Halide, Pole Mount, Area Fixtures (26 56 21 00-0015)		
Note: Includes pulse start ballast.		
26 56 21 00-0017 EA 150 Watt, Metal Halide Area Fixture, Pole Mount	1,100.40	155.11
26 56 21 00-0018 EA 175 Watt, Metal Halide Area Fixture, Pole Mount	1,207.47	170.63
26 56 21 00-0019 EA 250 Watt, Metal Halide Area Fixture, Pole Mount	1,336.02	186.14
26 56 21 00-0020 EA 400 Watt, Metal Halide Area Fixture, Pole Mount	1,407.71	217.16
26 56 21 00-0021 HID, Pole Mounted (26 56 21)		

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
26 56 21 00-0022		Metal Halide, Pole Mounted (26 56 21 00-0021)			
26 56 21 00-0023	EA	175 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	619.40		249.32
26 56 21 00-0024	EA	250 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	695.55		270.63
26 56 21 00-0025	EA	400 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	809.46		291.13
26 56 21 00-0026	EA	1,000 Watt Metal Halide, Enclosed And Gasketed, Exterior Roadway Fixture	1,030.25		341.21
26 56 21 00-0027		High Pressure Sodium, Pole Mounted (26 56 21 00-0021)			
26 56 21 00-0028	EA	100 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	796.13		291.13
26 56 21 00-0029	EA	150 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	821.20		291.13
26 56 21 00-0030	EA	175 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	859.57		291.13
26 56 21 00-0031	EA	250 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	963.72		291.13
26 56 21 00-0032	EA	400 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	1,112.00		291.13
26 56 21 00-0033	EA	1,000 Watt High Pressure Sodium, Enclosed And Gasketed, Exterior Roadway Fixture	996.37		291.13
26 56 21 00-0034		Low Pressure Sodium, Pole Mounted (26 56 21 00-0021)			
26 56 21 00-0035	EA	135 Watt Low Pressure Sodium Exterior Roadway Fixture, Enclosed And Gasketed	640.39		158.37
26 56 21 00-0036	EA	135 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	700.57		232.91
26 56 21 00-0037	EA	180 Watt Low Pressure Sodium Fixture, Enclosed And Gasketed	825.50		232.91
26 56 21 00-0038		High Pressure Sodium, Area Fixtures (26 56 21)			
26 56 21 00-0039		Pole Mount, High Pressure Sodium Area Fixtures (26 56 21 00-0038)			
26 56 21 00-0040	EA	100 Watt, High Pressure Sodium Area Fixture, Pole Mount	915.42		124.09
26 56 21 00-0041	EA	150 Watt, High Pressure Sodium Area Fixture, Pole Mount	991.08		155.11
26 56 21 00-0042	EA	250 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,070.37		186.14
26 56 21 00-0043	EA	400 Watt, High Pressure Sodium Area Fixture, Pole Mount	1,123.03		217.16
26 56 21 00-0044		Surface Mounted, Rectangular Exterior Area Fixture (26 56 21)			
26 56 21 00-0045		Metal Halide, Surface Mounted, Rectangular Exterior Area Fixture (26 56 21 00-0044)			
26 56 21 00-0046	EA	175 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	584.07		232.91
26 56 21 00-0047	EA	250 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	662.92		262.02
26 56 21 00-0048	EA	400 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	791.47		291.13
26 56 21 00-0049	EA	1,000 Watt Metal Halide, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,013.52		341.21
26 56 21 00-0050		High Pressure Sodium, Surface Mounted, Rectangular Exterior Area Fixture (26 56 21 00-0044)			
26 56 21 00-0051	EA	70 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	557.84		199.13
26 56 21 00-0052	EA	100 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	605.34		211.94
26 56 21 00-0053	EA	150 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture (LumaPro).....	651.34		223.59
26 56 21 00-0054	EA	175 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	673.22		232.91
26 56 21 00-0055	EA	250 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	746.26		262.02
26 56 21 00-0056	EA	400 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	804.34		291.13
26 56 21 00-0057	EA	1,000 Watt High Pressure Sodium, Surface Mounted, Enclosed And Gasketed, Rectangular Exterior Area Fixture	1,115.66		341.21
26 56 21 00-0058		Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (26 56 21)			
26 56 21 00-0059		High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (26 56 21 00-0058)			
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.			
26 56 21 00-0060	EA	35 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	797.78		157.21
26 56 21 00-0061	EA	50 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	824.55		174.68
26 56 21 00-0062	EA	70 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	877.88		199.13
26 56 21 00-0063	EA	100 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	900.53		211.94
26 56 21 00-0064	EA	150 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	923.87		223.59
26 56 21 00-0065	EA	175 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	968.41		232.91
26 56 21 00-0066	EA	250 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	1,062.30		262.02
26 56 21 00-0067	EA	400 Watt High Pressure Sodium, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture.....	1,299.23		291.13
26 56 21 00-0068		Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixtures (26 56 21 00-0058)			
		Note: Includes cast aluminum powder coated housing, polycarbonate lens and tamperproof screws.			
26 56 21 00-0069	EA	50 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	877.64		174.68
26 56 21 00-0070	EA	70 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	922.96		199.13
26 56 21 00-0071	EA	100 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	953.02		211.94
26 56 21 00-0072	EA	150 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	992.61		223.59
26 56 21 00-0073	EA	175 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,013.59		232.91
26 56 21 00-0074	EA	250 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,109.84		262.02
26 56 21 00-0075	EA	400 Watt Metal Halide, Vandal Resistant, Surface Mounted, Rectangular Exterior Area Fixture	1,425.35		291.13

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0076 Wall Packs <small>(26 56 21)</small>		
26 56 21 00-0077 Non-Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Polycarbonate body and aluminum reflector. 11" x 6-1/2" x 5-1/4". Lithonia TWS.</small>		
26 56 21 00-0078 EA 13 Watt Compact Fluorescent, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	342.38	54.31
26 56 21 00-0079 EA 50 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	368.75	54.31
26 56 21 00-0080 EA 35 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	368.75	54.31
26 56 21 00-0081 EA 70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Mini Wall Pack	496.56	54.31
26 56 21 00-0082 Semi Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWA.</small>		
26 56 21 00-0083 EA 42 Watt Compact Fluorescent, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	702.87	54.31
26 56 21 00-0084 EA 50 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	712.35	54.31
26 56 21 00-0085 EA 70 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	720.55	54.31
26 56 21 00-0086 EA 100 Watt Metal Halide, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	705.59	54.31
26 56 21 00-0087 EA 70 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	644.08	54.31
26 56 21 00-0088 EA 100 Watt High Pressure Sodium, Semi Cutoff, Polycarbonate Lens, Mini Wall Pack	610.30	54.31
26 56 21 00-0089 Cutoff, Polycarbonate Lens, Mini Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Polycarbonate body and diffused aluminum reflector. 10" x 11-1/2" x 8-15/16". Lithonia TWAC.</small>		
26 56 21 00-0090 EA 50 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	741.78	54.31
26 56 21 00-0091 EA 70 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	750.42	54.31
26 56 21 00-0092 EA 100 Watt Metal Halide, Cutoff, Polycarbonate Lens, Mini Wall Pack	735.49	54.31
26 56 21 00-0093 EA 70 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	747.52	54.31
26 56 21 00-0094 EA 100 Watt High Pressure Sodium, Cutoff, Polycarbonate Lens, Mini Wall Pack	747.52	54.31
26 56 21 00-0095 Non-Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Aluminum body and reflector. 9" x 13" x 7-3/8". Lithonia TWR1.</small>		
26 56 21 00-0096 EA 70 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	696.72	72.35
26 56 21 00-0097 EA 100 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	696.72	72.35
26 56 21 00-0098 EA 175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	650.43	72.35
26 56 21 00-0099 EA 70 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	668.17	72.35
26 56 21 00-0100 EA 100 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	668.17	72.35
26 56 21 00-0101 EA 150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Small Wall Pack	616.84	72.35
26 56 21 00-0102 Cutoff, Borosilicate Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Aluminum body and reflector. 10-1/4" x 13" x 8-15/32". Lithonia TWR1C.</small>		
26 56 21 00-0103 EA 70 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	724.15	72.35
26 56 21 00-0104 EA 100 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	724.15	72.35
26 56 21 00-0105 EA 175 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Small Wall Pack	724.15	72.35
26 56 21 00-0106 EA 70 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	696.92	72.35
26 56 21 00-0107 EA 100 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	696.92	72.35
26 56 21 00-0108 EA 150 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Small Wall Pack	696.92	72.35
26 56 21 00-0109 Full Cutoff, Tempered Glass Lens, Small Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Aluminum body and reflector. 9-3/8" x 14-3/8" x 8-3/4". Meets Nighttime Friendly criteria. Lithonia TWR1S.</small>		
26 56 21 00-0110 EA 175 Watt Metal Halide, Full Cutoff, Tempered Glass Lens, Small Wall Pack	945.72	72.35
26 56 21 00-0111 Full Cutoff, Tempered Glass Lens, Half Cylinder Sconce/Wall Packs (Philips Gardco) <small>(26 56 21 00-0076)</small>		
26 56 21 00-0112 EA 100 Watt Ceramic Metal Halide, Full Cutoff, Tempered Glass Lens, Half Cylinder Sconce/Wall Pack (Philips Gardco 104FT)	1,562.82	72.35
26 56 21 00-0113 EA 42 Watt Compact Fluorescent, Full Cutoff, Tempered Glass Lens, Emergency Half Cylinder Sconce/Wall Pack (Philips Gardco 104EMMT)	1,475.63	72.35
26 56 21 00-0114 Cutoff, Borosilicate Glass Lens, Medium Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Aluminum body and reflector. Lithonia TWR2.</small>		
26 56 21 00-0115 EA 250 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	878.40	89.62
<small>Note: 9-1/4" x 17-7/8" x 9-3/8".</small>		
26 56 21 00-0116 EA 400 Watt Metal Halide, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	941.16	89.62
<small>Note: 9-1/4" x 17-7/8" x 12-1/2".</small>		
26 56 21 00-0117 EA 250 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	1,015.98	89.62
<small>Note: 9-1/4" x 17-7/8" x 9-3/8".</small>		
26 56 21 00-0118 EA 400 Watt High Pressure Sodium, Cutoff, Borosilicate Glass Lens, Medium Wall Pack	1,036.57	89.62
<small>Note: 9-1/4" x 17-7/8" x 12-1/2".</small>		
26 56 21 00-0119 Cutoff, Tempered Glass Lens, Medium Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Aluminum body and reflector. 10" x 17-1/8" x 14-1/2". Lithonia TWR2C.</small>		
26 56 21 00-0120 EA 250 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	959.12	89.62
26 56 21 00-0121 EA 400 Watt Metal Halide, Cutoff, Tempered Glass Lens, Medium Wall Pack	1,029.63	89.62
26 56 21 00-0122 Non-Cutoff, Polycarbonate Lens, Large Wall Packs <small>(26 56 21 00-0076)</small>		
<small>Note: Polycarbonate body and powder coated reflector. 15-7/16" x 16-1/8" x 7-3/4". Lithonia TWP.</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0123 EA 100 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack.....	873.53	108.63
26 56 21 00-0124 EA 175 Watt Metal Halide, Non-Cutoff, Polycarbonate Lens, Large Wall Pack.....	798.84	108.63
26 56 21 00-0125 EA 70 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack.....	856.24	108.63
26 56 21 00-0126 EA 100 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack.....	861.96	108.63
26 56 21 00-0127 EA 150 Watt High Pressure Sodium, Non-Cutoff, Polycarbonate Lens, Large Wall Pack.....	867.95	108.63
26 56 21 00-0128 Non-Cutoff, Borosilicate Glass Lens, Large Wall Packs (26 56 21 00-0076) Note: Aluminum body and reflector. 15-3/4" x 16-1/4" x 8". Lithonia TWH.		
26 56 21 00-0129 EA 175 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	873.55	108.63
26 56 21 00-0130 EA 250 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	898.47	108.63
26 56 21 00-0131 EA 400 Watt Metal Halide, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	973.15	108.63
26 56 21 00-0132 EA 150 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	923.37	108.63
26 56 21 00-0133 EA 250 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	948.29	108.63
26 56 21 00-0134 EA 400 Watt High Pressure Sodium, Non-Cutoff, Borosilicate Glass Lens, Large Wall Pack.....	998.03	108.63
26 56 21 00-0135 Semi Cutoff, Induction Wall Packs (26 56 21 00-0076)		
26 56 21 00-0136 Semi Cutoff, Induction Wall Packs (Everlast®) (26 56 21 00-0135) Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		
26 56 21 00-0137 EA 70 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-70).....	1,164.05	104.99
26 56 21 00-0138 EA 80 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-80).....	1,187.03	111.17
26 56 21 00-0139 EA 100 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-100).....	1,210.02	117.35
26 56 21 00-0140 EA 120 Watt, Wall Mount, Semi Cutoff, Bi-Level Induction Wall Pack (Everlast® EOF-ED-120).....	1,349.93	123.52
26 56 21 00-0141 Non-Cutoff, Polycarbonate Lens, Small Wall Packs (26 56 21 00-0076)		
26 56 21 00-0142 EA 15 Watt, Exterior, Non-Cutoff Small Wall Pack (Sylvania 60066-SMWLPK1N/015UNV740/NC/BZ/P).....	353.99	54.31
26 56 21 00-0143 Induction, Roadway Lighting (26 56 21)		
26 56 21 00-0144 Induction Roadway Lighting (US Lighting Tech) (26 56 21 00-0143) Note: Includes gray powder coat finish heavy duty die cast aluminum body and flat glass lens.		
26 56 21 00-0145 EA 40 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	622.31	185.28
26 56 21 00-0146 EA 70 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	684.02	191.45
26 56 21 00-0147 EA 100 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	708.73	203.81
26 56 21 00-0148 EA 150 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	733.43	216.16
26 56 21 00-0149 EA 200 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	859.31	222.34
26 56 21 00-0150 EA 250 Watt Induction, Horizontal Tenon Mount, Street Light (US Lighting Tech Jersey HR, 511).....	875.61	228.51
26 56 21 00-0151 EA 40 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	580.85	185.28
26 56 21 00-0152 EA 70 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	648.48	191.45
26 56 21 00-0153 EA 100 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	673.19	203.81
26 56 21 00-0154 EA 150 Watt Induction, Horizontal Tenon Mount, Cobra Head Street Light (US Lighting Tech Cobra 100, 512).....	697.89	216.16
26 56 21 00-0155 Induction, Area Fixtures (26 56 21)		
26 56 21 00-0156 Post Top, Induction Area Fixtures (26 56 21 00-0155)		
26 56 21 00-0157 Post Top, Induction Area Fixtures (US Lighting Tech) (26 56 21 00-0156) Note: Includes black powder coat finish heavy duty die cast aluminum body and no-lite lid acrylic lens.		
26 56 21 00-0158 EA 40 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	696.07	169.84
26 56 21 00-0159 EA 70 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	753.33	169.84
26 56 21 00-0160 EA 100 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	753.33	169.84
26 56 21 00-0161 EA 150 Watt Induction, Post Top Mount, Acorn Style Area Fixture (US Lighting Tech Acorn, 571).....	753.33	169.84
26 56 21 00-0162 Surface Mount, Induction Parking Structure Fixtures (26 56 21 00-0155)		
26 56 21 00-0163 Surface Mount, Induction Parking Structure Fixtures (Everlast®) (26 56 21 00-0162)		
26 56 21 00-0164 EA 40 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	632.09	154.41
26 56 21 00-0165 EA 55 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	671.83	157.49
26 56 21 00-0166 EA 70 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	681.96	160.58
26 56 21 00-0167 EA 80 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	692.09	163.67
26 56 21 00-0168 EA 100 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	702.21	166.76
26 56 21 00-0169 EA 120 Watt Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	716.28	169.84
26 56 21 00-0170 EA 70/28 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	739.22	160.58
26 56 21 00-0171 EA 80/32 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	749.35	163.67
26 56 21 00-0172 EA 100/40 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	759.47	166.76
26 56 21 00-0173 EA 120/48 Watt Bi-Level Induction, Surface Mount, Round, Parking Structure Fixture (Everlast® Davenport EGFUS-EC).....	790.33	169.84
26 56 21 00-0174 Pole Mount, Induction Area Fixtures (26 56 21 00-0155)		
26 56 21 00-0175 Pole Mount, Bi-Level Induction Area Fixtures (Everlast® ESB-ED) (26 56 21 00-0174) Note: UL wet listed. Includes bi-level ballast, die-cast aluminum housing assembly and bronze powder coat finish. Excludes sensors.		

Electrical	26	26
Lighting	26 50	
Exterior Lighting	26 56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
26 56 21 00-0176 EA 70 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-70).....	1,217.20	104.99
26 56 21 00-0177 EA 80 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-80).....	1,250.81	111.17
26 56 21 00-0178 EA 100 Watt, Pole Mount, Bi-Level Induction Area Fixture (Everlast® ESB-ED-100).....	1,284.43	117.35

END OF SECTION 26

26	26	Electrical
	26 50	Lighting
	26 56	Exterior Lighting



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 Communications

Note: Termination costs are included with all communication equipment, panel boards, and devices. Terminations are not included with patch panels.

27 01 Operation and Maintenance of Communications Systems ⁽²⁷⁾

27 01 10 Operation and Maintenance of Structured Cabling and Enclosures ^(27 01)

27 01 10 00-0001 HR Testing Of Existing Data Communication Cabling 107.86

27 05 Common Work Results for Communications ⁽²⁷⁾

27 05 26 Grounding and Bonding for Communications Systems ^(27 05)

See CSI section 26 05 26 00-0000 for grounding.

27 05 26 00-0001	EA	25 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 720-00).....	1,000.85	111.22
		Note: Excludes terminations.		
27 05 26 00-0002	EA	50 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 820-00).....	1,275.35	148.34
		Note: Excludes terminations.		
27 05 26 00-0003	EA	100 Pair Outdoor, Enclosed Building Entrance Terminal (ADC 6649 1 630-00).....	2,025.10	222.44
		Note: Excludes terminations.		
27 05 26 00-0004	EA	Lucent 3B1-EW, Gas Tube Protector Unit.....	12.08	1.64
27 05 26 00-0005	EA	44 Terminal Copper Ground Bus Bar (Siemens ECGK).....	74.45	29.39
27 05 26 00-0006	EA	2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar.....	189.99	29.39
27 05 26 00-0007	EA	4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar.....	366.67	29.39
27 05 26 00-0008	EA	#6 AWG, Cable Runway Ground Strap.....	73.14	5.44
27 05 26 00-0009	EA	1/4" Screw Size, #6 AWG Compression Lug.....	24.72	5.44
27 05 26 00-0010	EA	3/8" Screw Size, #6 AWG Compression Lug.....	26.43	5.44
27 05 26 00-0011	EA	Two Mounting Hole, Ground Terminal Block.....	29.59	5.44

27 05 29 Hangers and Supports for Communications Systems ^(27 05)

See CSI section 26 05 29 00-0000 for hangers and supports.

27 05 29 00-0001 Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29)

27 05 29 00-0002 Screw On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 05 29 00-0003	EA	3/4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12).....	8.88	2.72
		For >50 To 100, Deduct	-0.36	
		For >100 To 250, Deduct	-0.72	
		For >250 To 500, Deduct	-1.35	
		For >500, Deduct	-1.98	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.46	
		For Work In Restricted Working Space, Add	1.63	
		For Painted Powder Coated Finish, Add	0.70	
27 05 29 00-0004	EA	1-5/16" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21).....	9.42	2.72
		For >50 To 100, Deduct	-0.37	
		For >100 To 250, Deduct	-0.74	
		For >250 To 500, Deduct	-1.39	
		For >500, Deduct	-2.03	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.46	
		For Work In Restricted Working Space, Add	1.63	
		For Painted Powder Coated Finish, Add	2.45	
		For Low Friction Xylan® Coated Finish, Add	8.73	
27 05 29 00-0005	EA	2" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32).....	10.24	2.72
		For >50 To 100, Deduct	-0.39	
		For >100 To 250, Deduct	-0.78	
		For >250 To 500, Deduct	-1.45	
		For >500, Deduct	-2.11	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.46	
		For Work In Restricted Working Space, Add	1.63	
		For Painted Powder Coated Finish, Add	3.01	
		For Low Friction Xylan® Coated Finish, Add	10.86	
27 05 29 00-0006	EA	4" Hook Size, Pre-Galvanized Finish, Screw On, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64).....	17.39	2.72
		For >50 To 100, Deduct	-0.57	
		For >100 To 250, Deduct	-1.14	
		For >250 To 500, Deduct	-1.98	
		For >500, Deduct	-2.83	
		For Installation On Concrete (Includes Drilling And Fastener), Add	1.46	
		For Work In Restricted Working Space, Add	1.63	
		For Painted Powder Coated Finish, Add	1.61	
		For Low Friction Xylan® Coated Finish, Add	9.62	

27 05 29 00-0007 Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) ^(27 05 29 00-0001)

Note: Includes screw.

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers and Supports for Communications Systems**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0008	EA		3/4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-RB)	10.14	2.72
			<i>For >50 To 100, Deduct</i>	-0.39	
			<i>For >100 To 250, Deduct</i>	-0.78	
			<i>For >250 To 500, Deduct</i>	-1.44	
			<i>For >500, Deduct</i>	-2.10	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.46	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0009	EA		1-5/16" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-RB)	13.35	2.72
			<i>For >50 To 100, Deduct</i>	-0.47	
			<i>For >100 To 250, Deduct</i>	-0.94	
			<i>For >250 To 500, Deduct</i>	-1.68	
			<i>For >500, Deduct</i>	-2.42	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.46	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0010	EA		2" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-RB)	14.92	2.72
			<i>For >50 To 100, Deduct</i>	-0.51	
			<i>For >100 To 250, Deduct</i>	-1.02	
			<i>For >250 To 500, Deduct</i>	-1.80	
			<i>For >500, Deduct</i>	-2.58	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.46	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0011	EA		4" Hook Size, Pre-Galvanized Finish, Screw On Angle Bracket Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-RB)	20.52	2.72
			<i>For >50 To 100, Deduct</i>	-0.65	
			<i>For >100 To 250, Deduct</i>	-1.30	
			<i>For >250 To 500, Deduct</i>	-2.22	
			<i>For >500, Deduct</i>	-3.14	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	1.46	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0012			Strut Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001) Note: Excludes strut.		
27 05 29 00-0013	EA		3/4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-SC4)	10.73	2.72
			<i>For >50 To 100, Deduct</i>	-0.40	
			<i>For >100 To 250, Deduct</i>	-0.81	
			<i>For >250 To 500, Deduct</i>	-1.48	
			<i>For >500, Deduct</i>	-2.16	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0014	EA		1-5/16" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-SC4)	12.88	2.72
			<i>For >50 To 100, Deduct</i>	-0.46	
			<i>For >100 To 250, Deduct</i>	-0.92	
			<i>For >250 To 500, Deduct</i>	-1.65	
			<i>For >500, Deduct</i>	-2.38	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0015	EA		2" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-SC4)	13.99	2.72
			<i>For >50 To 100, Deduct</i>	-0.49	
			<i>For >100 To 250, Deduct</i>	-0.97	
			<i>For >250 To 500, Deduct</i>	-1.73	
			<i>For >500, Deduct</i>	-2.49	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0016	EA		4" Hook Size, Pre-Galvanized Finish, Strut Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-SC4)	19.28	2.72
			<i>For >50 To 100, Deduct</i>	-0.62	
			<i>For >100 To 250, Deduct</i>	-1.24	
			<i>For >250 To 500, Deduct</i>	-2.13	
			<i>For >500, Deduct</i>	-3.02	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0017			T-Bar Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) (27 05 29 00-0001) Note: Excludes T-Bar.		
27 05 29 00-0018	EA		3/4" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-A28)	13.08	2.72
			<i>For >50 To 100, Deduct</i>	-0.46	
			<i>For >100 To 250, Deduct</i>	-0.93	
			<i>For >250 To 500, Deduct</i>	-1.66	
			<i>For >500, Deduct</i>	-2.40	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0019	EA		1-5/16" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-A28)	16.71	2.72
			<i>For >50 To 100, Deduct</i>	-0.55	
			<i>For >100 To 250, Deduct</i>	-1.11	
			<i>For >250 To 500, Deduct</i>	-1.93	
			<i>For >500, Deduct</i>	-2.76	
			<i>For Work In Restricted Working Space, Add</i>	1.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0020 EA 2" Hook Size, Pre-Galvanized Finish, T-Bar Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-A28)	17.66	2.72
<i>For >50 To 100, Deduct</i>	-0.58	
<i>For >100 To 250, Deduct</i>	-1.16	
<i>For >250 To 500, Deduct</i>	-2.00	
<i>For >500, Deduct</i>	-2.85	
<i>For Work In Restricted Working Space, Add</i>	1.63	
 27 05 29 00-0021 Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) <small>(27 05 29 00-0001)</small>		
<small>Note: Excludes threaded rod. See CSI section 26 05 29 00-0372 for threaded rod.</small>		
27 05 29 00-0022 EA 3/4" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-W6)	10.45	2.72
<i>For >50 To 100, Deduct</i>	-0.40	
<i>For >100 To 250, Deduct</i>	-0.79	
<i>For >250 To 500, Deduct</i>	-1.46	
<i>For >500, Deduct</i>	-2.13	
<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0023 EA 1-5/16" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-W6)	10.94	2.72
<i>For >50 To 100, Deduct</i>	-0.41	
<i>For >100 To 250, Deduct</i>	-0.82	
<i>For >250 To 500, Deduct</i>	-1.50	
<i>For >500, Deduct</i>	-2.18	
<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0024 EA 2" Hook Size, Pre-Galvanized Finish, Plain Or Threaded Rod Clip-On Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-W6)	13.45	2.72
<i>For >50 To 100, Deduct</i>	-0.47	
<i>For >100 To 250, Deduct</i>	-0.94	
<i>For >250 To 500, Deduct</i>	-1.69	
<i>For >500, Deduct</i>	-2.43	
<i>For Work In Restricted Working Space, Add</i>	1.63	
 27 05 29 00-0025 Threaded Rod Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) <small>(27 05 29 00-0001)</small>		
<small>Note: Excludes threaded rod, nuts and washers. See CSI section 26 05 29 00-0372 for threaded rod, nuts and washers.</small>		
27 05 29 00-0026 EA 1-5/16" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-AB)	13.16	2.72
<i>For >50 To 100, Deduct</i>	-0.47	
<i>For >100 To 250, Deduct</i>	-0.93	
<i>For >250 To 500, Deduct</i>	-1.67	
<i>For >500, Deduct</i>	-2.40	
<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0027 EA 2" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-AB)	14.34	2.72
<i>For >50 To 100, Deduct</i>	-0.49	
<i>For >100 To 250, Deduct</i>	-0.99	
<i>For >250 To 500, Deduct</i>	-1.76	
<i>For >500, Deduct</i>	-2.52	
<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0028 EA 4" Hook Size, Pre-Galvanized Finish, Threaded Rod Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-AB)	20.19	2.72
<i>For >50 To 100, Deduct</i>	-0.64	
<i>For >100 To 250, Deduct</i>	-1.28	
<i>For >250 To 500, Deduct</i>	-2.19	
<i>For >500, Deduct</i>	-3.11	
<i>For Work In Restricted Working Space, Add</i>	1.63	
 27 05 29 00-0029 Beam Clamp Attachment, Communications And Low Voltage Cable Hooks (J-Hooks) <small>(27 05 29 00-0001)</small>		
27 05 29 00-0030 EA 3/4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH12-C442A)	13.00	2.72
<i>For >50 To 100, Deduct</i>	-0.46	
<i>For >100 To 250, Deduct</i>	-0.92	
<i>For >250 To 500, Deduct</i>	-1.66	
<i>For >500, Deduct</i>	-2.39	
<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0031 EA 1-5/16" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH21-C442A)	15.10	2.72
<i>For >50 To 100, Deduct</i>	-0.51	
<i>For >100 To 250, Deduct</i>	-1.03	
<i>For >250 To 500, Deduct</i>	-1.81	
<i>For >500, Deduct</i>	-2.60	
<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0032 EA 2" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH32-C442A)	16.21	2.72
<i>For >50 To 100, Deduct</i>	-0.54	
<i>For >100 To 250, Deduct</i>	-1.08	
<i>For >250 To 500, Deduct</i>	-1.90	
<i>For >500, Deduct</i>	-2.71	
<i>For Work In Restricted Working Space, Add</i>	1.63	

27 Communications**27 05 Common Work Results for Communications****27 05 29 Hangers and Supports for Communications Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 05 29 00-0033	EA		4" Hook Size, Pre-Galvanized Finish, Beam Clamp Attachment, Communications And Low Voltage Cable Hook (J-Hook) (Cooper B-line BCH64-C442A).....	22.31	2.72
			<i>For >50 To 100, Deduct</i>	-0.69	
			<i>For >100 To 250, Deduct</i>	-1.39	
			<i>For >250 To 500, Deduct</i>	-2.35	
			<i>For >500, Deduct</i>	-3.32	
			<i>For Work In Restricted Working Space, Add</i>	1.63	
27 05 29 00-0034			Adjustable Cable Supports (Caddy® CableCat CAT425) ^(27 05 29)		
27 05 29 00-0035	EA		Wall Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425).....	37.70	3.59
			<i>For >50 To 100, Deduct</i>	-1.21	
			<i>For >100 To 250, Deduct</i>	-2.43	
			<i>For >250 To 500, Deduct</i>	-4.19	
			<i>For >500, Deduct</i>	-5.94	
			<i>For Installation On Concrete (Includes Drilling And Fastener), Add</i>	2.82	
			<i>For Work In Restricted Working Space, Add</i>	3.26	
27 05 29 00-0036	EA		Threaded Rod Or Horizontal Surface Mount, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.49	3.59
			<i>For >50 To 100, Deduct</i>	-1.23	
			<i>For >100 To 250, Deduct</i>	-2.47	
			<i>For >250 To 500, Deduct</i>	-4.25	
			<i>For >500, Deduct</i>	-6.02	
			<i>For Work In Restricted Working Space, Add</i>	3.26	
27 05 29 00-0037	EA		Up To 1/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	42.57	3.59
			<i>For >50 To 100, Deduct</i>	-1.34	
			<i>For >100 To 250, Deduct</i>	-2.67	
			<i>For >250 To 500, Deduct</i>	-4.55	
			<i>For >500, Deduct</i>	-6.43	
			<i>For Work In Restricted Working Space, Add</i>	3.26	
27 05 29 00-0038	EA		>1/4" To 3/4" Flange, Hammer On Flange Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	37.57	3.59
			<i>For >50 To 100, Deduct</i>	-1.21	
			<i>For >100 To 250, Deduct</i>	-2.42	
			<i>For >250 To 500, Deduct</i>	-4.18	
			<i>For >500, Deduct</i>	-5.93	
			<i>For Work In Restricted Working Space, Add</i>	3.26	
27 05 29 00-0039	EA		Up To 1/2" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	39.47	3.59
			<i>For >50 To 100, Deduct</i>	-1.26	
			<i>For >100 To 250, Deduct</i>	-2.52	
			<i>For >250 To 500, Deduct</i>	-4.32	
			<i>For >500, Deduct</i>	-6.12	
			<i>For Work In Restricted Working Space, Add</i>	3.26	
27 05 29 00-0040	EA		>1/2" To 5/8" Flange, Beam Clamp, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	41.34	3.59
			<i>For >50 To 100, Deduct</i>	-1.31	
			<i>For >100 To 250, Deduct</i>	-2.61	
			<i>For >250 To 500, Deduct</i>	-4.46	
			<i>For >500, Deduct</i>	-6.31	
			<i>For Work In Restricted Working Space, Add</i>	3.26	
27 05 29 00-0041	EA		Up To 1/4" Flange, Hammer On Purlin Clip, 4" To 6" Diameter Loop, Adjustable Cable Support (Caddy® CableCat CAT425)	38.83	3.59
			<i>For >50 To 100, Deduct</i>	-1.24	
			<i>For >100 To 250, Deduct</i>	-2.49	
			<i>For >250 To 500, Deduct</i>	-4.27	
			<i>For >500, Deduct</i>	-6.06	
			<i>For Work In Restricted Working Space, Add</i>	3.26	

27 05 33 Conduits and Backboxes for Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for conduit and boxes.

27 05 36 Cable Trays for Communications Systems ^(27 05)

See CSI section 26 05 36 00-0000 for cable trays.

27 05 39 Surface Raceways for Communications Systems ^(27 05)

See CSI section 26 05 33 00-0000 for surface raceways.

27 05 43 Underground Ducts and Raceways for Communications Systems ^(27 05)

See CSI section 26 05 43 00-0000 for underground ducts and raceways.

27 05 46 Utility Poles for Communications Systems ^(27 05)

See CSI section 26 05 46 00-0000 for utility poles.

27 05 53 Identification for Communications Systems ^(27 05)

See CSI section 26 05 53 00-0000 for identification.

27 10 Structured Cabling ⁽²⁷⁾

Note: Includes identifying, tagging and testing.

27 11 Communications Equipment Room Fittings ^(27 10)**27 11 16 Communications Cabinets, Racks, Frames, and Enclosures ^(27 11)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0001 3/4" Fire Retardant Plywood Backboards (27 11 16)		
27 11 16 00-0002 EA 4' x 4' x 3/4" Fire Retardant Plywood Backboard.....	80.81	28.24
<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>		
	46.05	
27 11 16 00-0003 EA 4' x 8' x 3/4" Fire Retardant Plywood Backboard.....	161.63	56.49
<i>For Two Coats Of Non-Conductive, Fire Retardant Paint, Add</i>		
	92.09	
27 11 16 00-0004 Terminal Cabinets (27 11 16)		
27 11 16 00-0005 EA 12" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	362.08	81.47
27 11 16 00-0006 EA 18" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	463.72	89.62
27 11 16 00-0007 EA 24" x 12" x 4" Phone Terminal Cabinet With Wood Backboard.....	533.56	103.19
27 11 16 00-0008 EA 18" x 18" x 4" Phone Terminal Cabinet With Wood Backboard.....	554.13	105.91
27 11 16 00-0009 EA 24" x 18" x 4" Phone Terminal Cabinet With Wood Backboard.....	687.60	108.63
27 11 16 00-0010 EA 26" x 36" x 4" Phone Terminal Cabinet With Wood Backboard.....	857.14	122.21
27 11 16 00-0011 EA 24" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	880.13	119.49
27 11 16 00-0012 EA 30" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,123.22	170.22
27 11 16 00-0013 EA 36" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,199.20	187.06
27 11 16 00-0014 EA 42" x 24" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,462.19	197.60
27 11 16 00-0015 EA 30" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,207.81	162.94
27 11 16 00-0016 EA 36" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,306.09	176.53
27 11 16 00-0017 EA 48" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,625.35	226.28
27 11 16 00-0018 EA 54" x 30" x 6" Phone Terminal Cabinet With Wood Backboard.....	1,946.42	282.87
27 11 16 00-0019 EA 48" x 36" x 6" Phone Terminal Cabinet With Wood Backboard.....	2,226.65	279.72
27 11 16 00-0020 EA 60" x 36" x 6" Phone Terminal Cabinet With Wood Backboard.....	2,548.55	340.33
27 11 16 00-0021 Equipment Racks And Cable Managers (27 11 16)		
27 11 16 00-0022 Equipment Racks (27 11 16 00-0021)		
Note: Electronics Industries Association EIA-310-D compliant. Includes aluminum construction with clear grained aluminum or black epoxy-polyester hybrid powder coat finish.		
27 11 16 00-0023 Standard Equipment Racks (27 11 16 00-0022)		
27 11 16 00-0024 19" Width, Standard Equipment Racks (27 11 16 00-0023)		
27 11 16 00-0025 EA 84" Height, 19" Width, 3" Depth, 45U, Standard Equipment Rack (Chatsworth 55053-X03).....	574.69	173.81
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	11.35	
27 11 16 00-0026 EA 96" Height, 19" Width, 3" Depth, 51U, Standard Equipment Rack (Chatsworth 55053-X15).....	817.44	184.67
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	22.41	
27 11 16 00-0027 EA 108" Height, 19" Width, 3" Depth, 58U, Standard Equipment Rack (Chatsworth 55053-X08).....	884.43	195.53
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	24.67	
27 11 16 00-0028 Universal Equipment Racks (27 11 16 00-0022)		
27 11 16 00-0029 Universal Equipment Racks (27 11 16 00-0028)		
27 11 16 00-0030 19" Width, EIA Universal Equipment Racks (27 11 16 00-0029)		
27 11 16 00-0031 EA 36" Height, 19" Width, 3" Depth, 17U, EIA Universal Equipment Rack (Chatsworth 46353-X31).....	773.74	152.08
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	23.48	
27 11 16 00-0032 EA 48" Height, 19" Width, 3" Depth, 24U, EIA Universal Equipment Rack (Chatsworth 46353-X20).....	849.53	154.79
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	27.00	
27 11 16 00-0033 EA 60" Height, 19" Width, 3" Depth, 31U, EIA Universal Equipment Rack (Chatsworth 46353-X19).....	847.40	157.51
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	26.62	
27 11 16 00-0034 EA 66" Height, 19" Width, 3" Depth, 34U, EIA Universal Equipment Rack (Chatsworth 46353-X00).....	869.63	160.23
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	27.46	
27 11 16 00-0035 EA 72" Height, 19" Width, 3" Depth, 38U, EIA Universal Equipment Rack (Chatsworth 46353-X01).....	891.61	162.94
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	28.29	
27 11 16 00-0036 EA 78" Height, 19" Width, 3" Depth, 41U, EIA Universal Equipment Rack (Chatsworth 46353-X02).....	915.49	165.66
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	29.21	
27 11 16 00-0037 EA 84" Height, 19" Width, 3" Depth, 45U, EIA Universal Equipment Rack (Chatsworth 46353-X03).....	770.42	168.38
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	21.68	
27 11 16 00-0038 EA 90" Height, 19" Width, 3" Depth, 48U, EIA Universal Equipment Rack (Chatsworth 46353-X05).....	961.84	171.09
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	30.98	
27 11 16 00-0039 EA 96" Height, 19" Width, 3" Depth, 51U, EIA Universal Equipment Rack (Chatsworth 46353-X15).....	997.06	173.81
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	32.47	
27 11 16 00-0040 EA 102" Height, 19" Width, 3" Depth, 55U, EIA Universal Equipment Rack (Chatsworth 46353-X17).....	1,027.69	176.53
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	33.73	
27 11 16 00-0041 EA 108" Height, 19" Width, 3" Depth, 58U, EIA Universal Equipment Rack (Chatsworth 46353-X08).....	1,034.40	179.24
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	33.80	
27 11 16 00-0042 23" Width, Universal Equipment Racks (27 11 16 00-0029)		
27 11 16 00-0043 EA 36" Height, 23" Width, 3" Depth, 17U, Universal Equipment Rack (Chatsworth 46383-X31).....	821.93	152.08
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	25.89	
27 11 16 00-0044 EA 48" Height, 23" Width, 3" Depth, 24U, Universal Equipment Rack (Chatsworth 46383-X20).....	851.32	154.79
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	27.09	
27 11 16 00-0045 EA 60" Height, 23" Width, 3" Depth, 31U, Universal Equipment Rack (Chatsworth 46383-X19).....	877.07	157.51
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	28.10	
27 11 16 00-0046 EA 66" Height, 23" Width, 3" Depth, 34U, Universal Equipment Rack (Chatsworth 46383-X00).....	926.06	160.23
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	30.28	
27 11 16 00-0047 EA 72" Height, 23" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46383-X01).....	949.71	162.94
<i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>		
	31.19	

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0048	EA		78" Height, 23" Width, 3" Depth, 41U, Universal Equipment Rack (Chatsworth 46383-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	975.52 32.21	165.66
27 11 16 00-0049	EA		84" Height, 23" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46383-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	831.13 24.72	168.38
27 11 16 00-0050	EA		90" Height, 23" Width, 3" Depth, 48U, Universal Equipment Rack (Chatsworth 46383-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,025.54 34.17	171.09
27 11 16 00-0051	EA		96" Height, 23" Width, 3" Depth, 51U, Universal Equipment Rack (Chatsworth 46383-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,063.77 35.81	173.81
27 11 16 00-0052	EA		102" Height, 23" Width, 3" Depth, 55U, Universal Equipment Rack (Chatsworth 46383-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,097.05 37.20	176.53
27 11 16 00-0053	EA		108" Height, 23" Width, 3" Depth, 58U, Universal Equipment Rack (Chatsworth 46383-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,103.86 37.27	179.24
27 11 16 00-0054			35" Width, Universal Equipment Racks (27 11 16 00-0029)		
27 11 16 00-0055	EA		72" Height, 35" Width, 3" Depth, 38U, Universal Equipment Rack (Chatsworth 46363-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,031.39 35.28	162.94
27 11 16 00-0056	EA		84" Height, 35" Width, 3" Depth, 45U, Universal Equipment Rack (Chatsworth 46363-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,087.27 37.53	168.38
27 11 16 00-0057			UL Listed Universal Equipment Racks (27 11 16 00-0028) Note: UL listed as a communications circuit accessory.		
27 11 16 00-0058			19" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)		
27 11 16 00-0059	EA		36" Height, 19" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48353-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	820.71 25.83	152.08
27 11 16 00-0060	EA		48" Height, 19" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48353-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	890.63 29.05	154.79
27 11 16 00-0061	EA		60" Height, 19" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48353-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	904.16 29.46	157.51
27 11 16 00-0062	EA		66" Height, 19" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48353-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	924.59 30.21	160.23
27 11 16 00-0063	EA		72" Height, 19" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48353-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	948.16 31.11	162.94
27 11 16 00-0064	EA		78" Height, 19" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48353-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	973.90 32.13	165.66
27 11 16 00-0065	EA		84" Height, 19" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48353-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	998.58 33.09	168.38
27 11 16 00-0066	EA		90" Height, 19" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48353-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,023.84 34.08	171.09
27 11 16 00-0067	EA		96" Height, 19" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48353-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,062.03 35.72	173.81
27 11 16 00-0068	EA		102" Height, 19" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48353-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,095.21 37.11	176.53
27 11 16 00-0069	EA		108" Height, 19" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48353-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,101.94 37.17	179.24
27 11 16 00-0070			23" Width, UL Listed Universal Equipment Racks (27 11 16 00-0057)		
27 11 16 00-0071	EA		36" Height, 23" Width, 3" Depth, 17U, UL Listed Universal Equipment Rack (Chatsworth 48383-X31) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	873.76 28.48	152.08
27 11 16 00-0072	EA		48" Height, 23" Width, 3" Depth, 24U, UL Listed Universal Equipment Rack (Chatsworth 48383-X20) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	962.58 32.65	154.79
27 11 16 00-0073	EA		60" Height, 23" Width, 3" Depth, 31U, UL Listed Universal Equipment Rack (Chatsworth 48383-X19) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	974.58 32.98	157.51
27 11 16 00-0074	EA		66" Height, 23" Width, 3" Depth, 34U, UL Listed Universal Equipment Rack (Chatsworth 48383-X00) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	986.61 33.31	160.23
27 11 16 00-0075	EA		72" Height, 23" Width, 3" Depth, 38U, UL Listed Universal Equipment Rack (Chatsworth 48383-X01) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,012.07 34.31	162.94
27 11 16 00-0076	EA		78" Height, 23" Width, 3" Depth, 41U, UL Listed Universal Equipment Rack (Chatsworth 48383-X02) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,039.94 35.43	165.66
27 11 16 00-0077	EA		84" Height, 23" Width, 3" Depth, 45U, UL Listed Universal Equipment Rack (Chatsworth 48383-X03) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,066.57 36.49	168.38
27 11 16 00-0078	EA		90" Height, 23" Width, 3" Depth, 48U, UL Listed Universal Equipment Rack (Chatsworth 48383-X05) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,093.85 37.58	171.09
27 11 16 00-0079	EA		96" Height, 23" Width, 3" Depth, 51U, UL Listed Universal Equipment Rack (Chatsworth 48383-X15) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,135.38 39.39	173.81
27 11 16 00-0080	EA		102" Height, 23" Width, 3" Depth, 55U, UL Listed Universal Equipment Rack (Chatsworth 48383-X17) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,171.46 40.92	176.53
27 11 16 00-0081	EA		108" Height, 23" Width, 3" Depth, 58U, UL Listed Universal Equipment Rack (Chatsworth 48383-X08) <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,178.51 41.00	179.24
27 11 16 00-0082			4-Post Equipment Racks And Server Frames (27 11 16 00-0022)		
27 11 16 00-0083			4-Post Equipment Racks (27 11 16 00-0082)		
27 11 16 00-0084	EA		19" Width, 29" Depth, 84" Height, 4-Post Equipment Rack (Chatsworth 50120-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,671.64 56.43	271.57
27 11 16 00-0085	EA		19" Width, 29" Depth, 96" Height, 4-Post Equipment Rack (Chatsworth 50120-X15)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,830.33 63.27	282.44
27 11 16 00-0086	EA		19" Width, 29" Depth, 108" Height, 4-Post Equipment Rack (Chatsworth 50120-X08)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,979.79 69.66	293.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0087 4-Post Server Frame <small>(27 11 16 00-0082)</small>		
27 11 16 00-0088 EA 19" Width, 29" Depth, 84" Height, Server Frame (Chatsworth 15053-X03)..... <i>For Gray Or Computer Beige Epoxy-Polyester Hybrid Powder Coat Finish, Add</i>	1,721.28 58.91	271.57
27 11 16 00-0089 Cable Managers <small>(27 11 16 00-0021)</small>		
27 11 16 00-0090 Horizontal Cable Managers <small>(27 11 16 00-0089)</small>		
27 11 16 00-0091 Single-Sided, Horizontal Cable Managers <small>(27 11 16 00-0090)</small>		
27 11 16 00-0092 EA 1U Height, 19" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-719)	98.52	10.87
27 11 16 00-0093 EA 1U Height, 23" Width, 4.96" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30139-723)	110.17	10.87
27 11 16 00-0094 EA 1U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-701)	81.58	10.87
27 11 16 00-0095 EA 2U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-719)	100.27	10.87
27 11 16 00-0096 EA 2U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30130-723)	118.31	10.87
27 11 16 00-0097 EA 2U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-702)	90.79	10.87
27 11 16 00-0098 EA 3U Height, 19" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-719)	136.61	10.87
27 11 16 00-0099 EA 3U Height, 23" Width, 5.14" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 30131-723)	156.07	10.87
27 11 16 00-0100 EA 3U Height, 19" Width, 5.9" Depth, Single-Sided, Horizontal Cable Manager (Chatsworth 13930-703)	109.21	10.87
27 11 16 00-0101 Double-Sided, Horizontal Cable Managers <small>(27 11 16 00-0090)</small>		
27 11 16 00-0102 EA 1U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-719)	123.35	10.87
27 11 16 00-0103 EA 1U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30529-723)	138.71	10.87
27 11 16 00-0104 EA 2U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-719)	130.00	10.87
27 11 16 00-0105 EA 2U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30530-723)	151.99	10.87
27 11 16 00-0106 EA 3U Height, 19" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-719)	169.42	10.87
27 11 16 00-0107 EA 3U Height, 23" Width, 11.73" Depth, Double-Sided, Horizontal Cable Manager (Chatsworth 30531-723)	190.21	10.87
27 11 16 00-0108 Vertical Cable Managers <small>(27 11 16 00-0089)</small>		
27 11 16 00-0109 Single-Sided, Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0110 EA 3.6" Width, 9.7" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-701)	223.68	16.29
27 11 16 00-0111 EA 6" Width, 9.8" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-701)	318.08	16.29
27 11 16 00-0112 EA 10" Width, 10.3" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-701)	516.08	16.29
27 11 16 00-0113 EA 12" Width, 10.4" Depth, 70" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-701)	585.15	16.29
27 11 16 00-0114 EA 3.6" Width, 9.7" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-703)	239.80	16.29
27 11 16 00-0115 EA 6" Width, 9.8" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-703)	343.41	16.29
27 11 16 00-0116 EA 10" Width, 10.3" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-703)	562.13	16.29
27 11 16 00-0117 EA 12" Width, 10.4" Depth, 80.5" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-703)	631.20	16.29
27 11 16 00-0118 EA 3.6" Width, 9.7" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13901-715)	272.03	16.29
27 11 16 00-0119 EA 6" Width, 9.8" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13902-715)	377.94	16.29
27 11 16 00-0120 EA 10" Width, 10.3" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13904-715)	631.20	16.29
27 11 16 00-0121 EA 12" Width, 10.4" Depth, 91" Height, Single-Sided, Vertical Cable Manager (Chatsworth 13905-715)	700.27	16.29
27 11 16 00-0122 Double-Sided, Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0123 EA 3.6" Width, 16.4" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-701)	327.29	16.29
27 11 16 00-0124 EA 6" Width, 16.6" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-701)	387.15	16.29
27 11 16 00-0125 EA 10" Width, 17.5" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-701)	631.20	16.29
27 11 16 00-0126 EA 12" Width, 17.8" Depth, 70" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-701)	746.32	16.29
27 11 16 00-0127 EA 3.6" Width, 16.4" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-703)	354.92	16.29
27 11 16 00-0128 EA 6" Width, 16.6" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-703)	414.78	16.29
27 11 16 00-0129 EA 10" Width, 17.5" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-703)	677.25	16.29
27 11 16 00-0130 EA 12" Width, 17.8" Depth, 80.5" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-703)	792.36	16.29
27 11 16 00-0131 EA 3.6" Width, 16.4" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13911-715)	391.76	16.29
27 11 16 00-0132 EA 6" Width, 16.6" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13912-715)	451.62	16.29
27 11 16 00-0133 EA 10" Width, 17.5" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13914-715)	746.32	16.29
27 11 16 00-0134 EA 12" Width, 17.8" Depth, 91" Height, Double-Sided, Vertical Cable Manager (Chatsworth 13915-715)	861.43	16.29
27 11 16 00-0135 Accessories For Vertical Cable Managers <small>(27 11 16 00-0108)</small>		
27 11 16 00-0136 EA Cable Ring Kit For 3.6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-716)	136.84	10.87
27 11 16 00-0137 EA Cable Ring Kit For 3.6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-717)	146.05	10.87
27 11 16 00-0138 EA Cable Ring Kit For 3.6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-718)	155.26	10.87
27 11 16 00-0139 EA Cable Ring Kit For 6" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-726)	141.44	10.87
27 11 16 00-0140 EA Cable Ring Kit For 6" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-727)	155.26	10.87
27 11 16 00-0141 EA Cable Ring Kit For 6" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-728)	169.07	10.87
27 11 16 00-0142 EA Cable Ring Kit For 10" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-746)	159.86	10.87
27 11 16 00-0143 EA Cable Ring Kit For 10" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-747)	173.67	10.87
27 11 16 00-0144 EA Cable Ring Kit For 10" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-748)	187.49	10.87
27 11 16 00-0145 EA Cable Ring Kit For 12" Width x 70" Height, Vertical Cable Managers (Chatsworth 13934-756)	169.07	10.87
27 11 16 00-0146 EA Cable Ring Kit For 12" Width x 80.5" Height, Vertical Cable Managers (Chatsworth 13934-757)	187.49	10.87
27 11 16 00-0147 EA Cable Ring Kit For 12" Width x 91" Height, Vertical Cable Managers (Chatsworth 13934-758)	201.30	10.87
27 11 16 00-0148 EA Cable Lashing Bar Kit For Vertical Cable Managers (Chatsworth 13928-001)	113.81	10.87
27 11 16 00-0149 EA Cable Spool Kit For Vertical Cable Managers (Chatsworth 13935-701)	132.23	10.87
27 11 16 00-0150 EA Cable Distribution Spools For Vertical Cable Managers (Chatsworth 15008-001)	138.45	10.87
27 11 16 00-0151 EA Cable Distribution Spool Spacer Kit For Vertical Cable Managers (Chatsworth 35505-001)	86.19	10.87
27 11 16 00-0152 Surface Mount Wall Racks <small>(27 11 16)</small>		

27	Communications
27 10	Structured Cabling
27 11	Communications Equipment Room Fittings

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 16 00-0153	EA		4-3/8" Depth x 24-1/2" Wide x 30-1/5" High, Tilt Out, Surface Mount Wall Rack (Middle Atlantic TOR-2-20SP).....	991.82	106.45
27 11 16 00-0154	EA		6-1/8" Depth x 24-1/2" Wide x 30-1/5" High, Tilt Out, Surface Mount Wall Rack (Middle Atlantic TOR-3-20SP).....	1,057.40	115.14
27 11 16 00-0155	EA		7-8/9" Depth x 24-1/2" Wide x 30-1/5" High, Tilt Out, Surface Mount Wall Rack (Middle Atlantic TOR-4-20SP).....	1,125.77	126.01
27 11 19			Communications Termination Blocks and Patch Panels (27 11)		
			Note: The terminating, testing, and labeling of the cables in question should be done according to the task description as well as the current contract specifications. See CSI section 26 05 53 00-0020 for labeling.		
27 11 19 00-0001			Computer Network Components (27 11 19)		
27 11 19 00-0002			Ethernet Patch Panels (27 11 19 00-0001)		
27 11 19 00-0003	EA		12 Port, Category 5E Patch Panel.....	285.73	54.31
27 11 19 00-0004	EA		24 Port, Category 5E Patch Panel.....	436.82	54.31
27 11 19 00-0005	EA		32 Port, Category 5E Patch Panel.....	579.80	54.31
27 11 19 00-0006	EA		48 Port, Category 5E Patch Panel.....	713.03	54.31
27 11 19 00-0007	EA		64 Port, Category 5E Patch Panel.....	835.02	67.90
27 11 19 00-0008	EA		96 Port, Category 5E Patch Panel.....	1,326.24	81.47
27 11 19 00-0009	EA		12 Port, Category 6 Patch Panel.....	358.35	54.31
27 11 19 00-0010	EA		24 Port, Category 6 Patch Panel.....	446.57	54.31
27 11 19 00-0011	EA		48 Port, Category 6 Patch Panel.....	784.52	54.31
27 11 19 00-0012	EA		96 Port, Category 6 Patch Panel.....	1,462.72	81.47
27 11 19 00-0013	EA		16" x 12" x 8" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161208LP).....	741.92	81.47
27 11 19 00-0014	EA		16" x 16" x 6" Steel Enclosure, Type 12, Hinged, Lockable (Hoffman A161606LP).....	778.35	81.47
27 11 19 00-0015	EA		12 Port, Category 6 Modular to 110 Mini Patch Panel (Ortronics-Legrand OR-PMP61289).....	299.93	54.31
27 11 19 00-0016	EA		12 Port, Category 6 Patch Panel With Rear Cable Management Bar.....	408.74	54.31
27 11 19 00-0017	EA		24 Port, Category 6 Patch Panel With Rear Cable Management Bar.....	496.96	54.31
27 11 19 00-0018	EA		48 Port, Category 6 Patch Panel With Rear Cable Management Bar.....	834.91	54.31
27 11 19 00-0019	EA		96 Port, Category 6 Patch Panel With Rear Cable Management Bar.....	1,513.11	81.47
27 11 19 00-0020	EA		Terminate One End Of A 4 Pair Cable To Category "X" Specifications.....	38.48	
			For >5 To 10 Cables, Deduct	-6.93	
			For >10 Cables, Deduct	-15.39	
27 11 19 00-0021	EA		Terminate One End Of A Twisted Pair Of Wires.....	10.58	
			Note: Per each pair		
			For >20 To 40 Pairs, Deduct	-1.69	
			For >40 Pairs, Deduct	-4.02	
27 11 19 00-0022			Fiber Optic Cable Patch Panels And Enclosures (27 11 19 00-0001)		
27 11 19 00-0023			Fiber Optic Cable Connector Housings (27 11 19 00-0022)		
27 11 19 00-0024			Wall Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0023)		
			Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0052 for connector panels.		
27 11 19 00-0025	EA		1-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	157.37	24.44
27 11 19 00-0026	EA		2-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	241.81	24.44
27 11 19 00-0027	EA		4-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	366.74	24.44
27 11 19 00-0028	EA		6-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	538.44	40.74
27 11 19 00-0029	EA		12-Panel Capacity, Wall Mount, Fiber Optic Cable Connector Housing.....	760.86	40.74
27 11 19 00-0030			Rack Mount, Fiber Optic Cable Connector Housings (27 11 19 00-0023)		
			Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0052 for connector panels.		
27 11 19 00-0031	EA		2-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	561.25	40.74
27 11 19 00-0032	EA		4-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	646.04	40.74
27 11 19 00-0033	EA		6-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	697.91	40.74
27 11 19 00-0034	EA		12-Panel Capacity, Rack Mount, Fiber Optic Cable Connector Housing.....	823.24	40.74
27 11 19 00-0035			Rack Mount, Fiber Optic Cable Pretium® Connector Housings (27 11 19 00-0023)		
			Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0052 for connector panels.		
27 11 19 00-0036	EA		2-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing.....	706.58	40.74
			For Splice Tray Bracket, Add	78.51	
27 11 19 00-0037	EA		4-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing.....	832.72	40.74
			For Splice Tray Bracket, Add	85.85	
27 11 19 00-0038	EA		12-Panel Capacity, Rack Mount, Fiber Optic Cable Pretium® Connector Housing.....	1,045.30	40.74
			For Splice Tray Bracket, Add	312.77	
27 11 19 00-0039			Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housings (27 11 19 00-0023)		
			Note: Includes mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0052 for connector panels.		
27 11 19 00-0040	EA		8 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	905.08	40.74
27 11 19 00-0041	EA		12 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	1,165.36	40.74
27 11 19 00-0042	EA		24 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	1,323.15	40.74
27 11 19 00-0043	EA		48 Pretium Edge® Module Or Panel Capacity, Rack Mount, Fiber Optic Cable Pretium Edge® Connector Housing.....	1,725.55	40.74
27 11 19 00-0044			Wall Mount, Fiber Optic Cable Industrial Connector Housings (27 11 19 00-0023)		
			Note: Includes powder-coat finish, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0052 for connector panels.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0045 EA 2-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	816.07	24.44
27 11 19 00-0046 EA 6-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	1,123.90	40.74
27 11 19 00-0047 EA 12-Panel Capacity, Wall Mount, Fiber Optic Cable Industrial Connector Housing.....	1,180.86	40.74
27 11 19 00-0048 Wall Mount, Fiber Optic Cable Environmental Connector Housings (27 11 19 00-0023)		
Note: Includes NEMA 4X enclosure, pad lockable outer door and mounting hardware. Excludes connector panels. See CSI section 27 11 19 00-0052 for connector panels.		
27 11 19 00-0049 EA 2-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	855.42	24.44
27 11 19 00-0050 EA 6-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,123.21	40.74
27 11 19 00-0051 EA 12-Panel Capacity, Wall Mount, Fiber Optic Cable Environmental Connector Housing	1,324.69	40.74
27 11 19 00-0052 Fiber Optic Cable Connector Panels (27 11 19 00-0022)		
27 11 19 00-0053 SC Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0052)		
27 11 19 00-0054 EA 6-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel.....	110.85	5.43
27 11 19 00-0055 EA 6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	120.63	5.43
27 11 19 00-0056 EA 8-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel.....	135.80	5.43
27 11 19 00-0057 EA 8-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	148.83	5.43
27 11 19 00-0058 EA 12-Fiber, Multimode, SC Simplex, Fiber Optic Cable Connector Panel.....	185.73	5.43
27 11 19 00-0059 EA 12-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel	205.22	5.43
27 11 19 00-0060 SC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0052)		
27 11 19 00-0061 EA 6-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	106.53	5.43
27 11 19 00-0062 EA 6-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	108.83	5.43
27 11 19 00-0063 EA 8-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	130.07	5.43
27 11 19 00-0064 EA 8-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel	133.13	5.43
27 11 19 00-0065 EA 12-Fiber, Multimode, SC Duplex, Fiber Optic Cable Connector Panel	177.14	5.43
27 11 19 00-0066 EA 12-Fiber, Singlemode, SC Duplex, Fiber Optic Cable Connector Panel.....	181.68	5.43
27 11 19 00-0067 LC Duplex, Fiber Optic Cable Connector Panels (27 11 19 00-0052)		
27 11 19 00-0068 EA 6-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	115.35	5.43
27 11 19 00-0069 EA 6-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	126.87	5.43
27 11 19 00-0070 EA 8-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	141.79	5.43
27 11 19 00-0071 EA 8-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	157.16	5.43
27 11 19 00-0072 EA 12-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	194.73	5.43
27 11 19 00-0073 EA 12-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	217.74	5.43
27 11 19 00-0074 EA 16-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	247.65	5.43
27 11 19 00-0075 EA 16-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	278.32	5.43
27 11 19 00-0076 EA 24-Fiber, Multimode, LC Duplex, Fiber Optic Cable Connector Panel.....	353.47	5.43
27 11 19 00-0077 EA 24-Fiber, Singlemode, LC Duplex, Fiber Optic Cable Connector Panel	364.16	5.43
27 11 19 00-0078 ST Simplex, Fiber Optic Cable Connector Panels (27 11 19 00-0052)		
27 11 19 00-0079 EA 6-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	91.50	5.43
27 11 19 00-0080 EA 6-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	98.89	5.43
27 11 19 00-0081 EA 8-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	110.01	5.43
27 11 19 00-0082 EA 8-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	119.87	5.43
27 11 19 00-0083 EA 12-Fiber, Multimode, ST Simplex, Fiber Optic Cable Connector Panel	147.00	5.43
27 11 19 00-0084 EA 12-Fiber, Singlemode, ST Simplex, Fiber Optic Cable Connector Panel.....	161.81	5.43
27 11 19 00-0085 MT-RJ, Fiber Optic Cable Connector Panels (27 11 19 00-0052)		
27 11 19 00-0086 EA 12-Fiber, Multimode, MT-RJ, Fiber Optic Cable Connector Panel.....	114.66	5.43
27 11 19 00-0087 EA 12-Fiber, Singlemode, MT-RJ, Fiber Optic Cable Connector Panel	173.46	5.43
27 11 19 00-0088 Fiber Optic Cable Pretium Edge® Modules (27 11 19 00-0052)		
27 11 19 00-0089 EA 12-Fiber, Singlemode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module	1,017.08	5.43
27 11 19 00-0090 EA 12-Fiber, Multimode, LC Duplex To MTP, Fiber Optic Cable Pretium Edge® Module.....	1,020.62	5.43
27 11 19 00-0091 Fiber Optic Cable Splice Housings (27 11 19 00-0022)		
27 11 19 00-0092 Wall Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0091)		
Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0093 EA 12 Splice Tray Capacity, Wall Mount, Fiber Optic Splice Housing With Locking Door.....	370.75	54.31
27 11 19 00-0094 Rack Mount, Fiber Optic Cable Splice Housings (27 11 19 00-0091)		
Note: Includes mounting hardware. Excludes splice trays.		
27 11 19 00-0095 EA 12 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	583.58	40.74
27 11 19 00-0096 EA 22 Splice Tray Capacity, Rack Mount, Fiber Optic Cable Splice Housing	592.80	40.74
27 11 19 00-0097 Fiber Optic Cable Splice Trays (27 11 19 00-0091)		
27 11 19 00-0098 EA Fiber Optic Cable Splice Tray.....	107.37	13.58

27 Communications**27 10 Structured Cabling****27 11 Communications Equipment Room Fittings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
27 11 19 00-0099		Fiber Optic Cable Jumper Management Panels (27 11 19 00-0022)			
		Note: Includes mounting hardware.			
27 11 19 00-0100	EA	Rack Mount, Fiber Optic Cable Jumper Management Panel	198.66		40.74
27 11 19 00-0101		Jumpers (27 11 19 00-0001)			
27 11 19 00-0102	EA	1M SC/SC MM ceramic ferrule duplex fiber jumper (BD-DB-SC/SC-01C).....	36.81		1.08
		For >5, Deduct	-5.19		
27 11 19 00-0103	EA	3M SC/SC SM duplex fiber jumper	53.88		1.63
		For >5, Deduct	-7.59		
27 11 19 00-0104	EA	16M SC/SC MM duplex ceramic ferrule fiber jumper	103.70		2.72
		For >5, Deduct	-14.74		
27 11 19 00-0105	EA	18M SC/SC SM ceramic ferrule duplex fiber jumper (AD-DB-SC/SC-18C)	106.13		2.72
		For >5, Deduct	-15.11		
27 11 19 00-0106	EA	20M SC/SC MM ceramic ferrule duplex fiber jumper	117.59		2.72
		For >5, Deduct	-16.82		
27 11 19 00-0107	EA	10M SC/LC duplex fiber jumper (BD-DB-SC/LC-10C).....	51.43		2.18
		For >5, Deduct	-7.06		
27 11 19 00-0108	EA	3M ST/SC MM duplex fiber jumper	48.55		1.63
		For >5, Deduct	-6.79		
27 11 19 00-0109	EA	5M ST/SC MM mode conditioning ceramic ferrule duplex fiber jumper	285.84		2.18
		For >5, Deduct	-42.23		
27 11 19 00-0110	EA	10M ST/SC MM ceramic ferrule duplex fiber jumper (BD-DB-ST/SC-10C)	58.82		2.18
		For >5, Deduct	-8.17		
27 11 19 00-0111	EA	3M ST/SC mode conditioning duplex fiber jumper	211.05		1.63
		For >5, Deduct	-31.17		
27 11 19 00-0112	EA	30' ST/SC MM mode conditioning ceramic ferrule duplex fiber jumper (17JMC75MDF30)	228.42		2.18
		For >5, Deduct	-33.61		
27 11 19 00-0113	EA	50' ST/SC MM mode conditioning ceramic ferrule duplex fiber jumper (BD-MC-ST/SC-50F)	245.19		2.72
		For >5, Deduct	-35.96		
27 11 19 00-0114	EA	10M ST/ST MM ceramic ferrule duplex fiber jumper (BD-DB-ST/ST-10C)	58.82		2.18
		For >5, Deduct	-8.17		
27 11 19 00-0115	EA	50' ST/ST MM ceramic ferrule duplex fiber jumper	99.73		2.72
		For >5, Deduct	-14.15		
27 11 19 00-0116	EA	3M APC/APC SC/SC SM ceramic ferrule duplex fiber jumper	78.25		1.63
		For >5, Deduct	-11.25		
27 11 19 00-0117	EA	10M APC/APC SC/SC SM ceramic ferrule duplex fiber jumper	94.34		2.18
		For >5, Deduct	-13.50		
27 11 19 00-0118	EA	3M APC/Normal SC/SC SM ceramic ferrule duplex fiber jumper	71.81		1.63
		For >5, Deduct	-10.28		
27 11 19 00-0119	EA	10M APC/Normal SC/SC SM ceramic ferrule duplex fiber jumper	79.49		2.18
		For >5, Deduct	-11.27		
27 11 19 00-0120	EA	25' APC SC/LC SM ceramic ferrule duplex fiber jumper (ADDB-SC/LC-25F)	101.59		2.18
		For >5, Deduct	-14.59		
27 11 19 00-0121	EA	50' APC / Normal SC/SC SM ceramic ferrule duplex fiber jumper (ADDB-SCA/SCU-50F)	120.31		2.72
		For >5, Deduct	-17.23		
27 11 19 00-0122	EA	10M ST/MTRJ MM ceramic ferrule duplex fiber jumper (BD-DB-ST/MT-10C).....	48.31		2.18
		For >5, Deduct	-6.60		
27 11 19 00-0123	EA	20M LC/LC MM 50/125 ceramic ferrule duplex fiber jumper (BD-DB-LC/LC-20C)	171.66		2.72
		For >5, Deduct	-24.93		
27 11 19 00-0124	EA	10M LC/LC MM 50/125 ceramic ferrule duplex fiber jumper (CD-DB-LC/LC-10C)	71.96		2.18
		For >5, Deduct	-10.14		
27 11 19 00-0125	EA	20M LC/LC MM 50/125 ceramic ferrule duplex fiber jumper (CD-DB-LC/LC-20C)	88.55		2.72
		For >5, Deduct	-12.47		
27 11 19 00-0126	EA	30M LC/LC MM 50/125 ceramic ferrule duplex fiber jumper (CD-DB-LC/LC-30C)	150.37		3.26
		For >5, Deduct	-21.58		
27 11 19 00-0127		Miscellaneous Accessories (27 11 19 00-0001)			
27 11 19 00-0128	EA	Wall Mount Bracket For 12 Or 24 Port Patch Panel.....	74.70		
27 11 19 00-0129	EA	Wall Mount Bracket For 32 Or 48 Port Patch Panel.....	100.74		
27 11 19 00-0130	EA	Wall Mount Bracket For 64 Or 72 Port Patch Panel.....	109.15		
27 11 19 00-0131	EA	Wall Mount Bracket For 96 Port Patch Panel.....	121.25		
27 11 19 00-0132	EA	Lightning Protection Plus Stainless Steel Modules, Siemon	507.03		54.31
27 11 19 00-0133	EA	12 position, thin, Universal fusion splicing tray	136.11		21.72
27 11 19 00-0134	EA	Holds and secures up to (4) splice trays (order (1) for every (4) splice trays).....	41.54		5.43
27 11 19 00-0135	EA	Fiber break-out kit (6-count, 25" long).....	45.34		5.43
27 11 19 00-0136	EA	Fusion splice protector sleeve	4.13		1.08
27 11 19 00-0137	EA	905 style fiber mating sleeve(style 2) for use on 906 style SMA.....	38.67		8.15
27 11 19 00-0138	EA	2.5mm mini foam swabs (50 swabs per pkg.).....	28.09		
27 11 19 00-0139	EA	Cleotop woven film replacement reel, blue tape (14meters).....	93.65		10.87
27 11 19 00-0140	EA	6' 900um tight buffered multimode ST pigtail	252.30		19.01
		Note: 62.5/125um fiber and ceramic ST connector (bundle of 12 different colors-white, red, black, yellow, violet, blue, orange, green, brown, slate, pink, aqua). (17*851001B00F)			
27 11 19 00-0141	EA	6' 900um tight buffered single mode SC pigtail.....	207.26		19.01
		Note: 08.3/125um fiber and ceramic SC connector (bundle of 12 different colors-white, red, black, yellow, violet, blue, orange, green, brown, slate, pink, aqua). (AD-SC12-06FT)			
27 11 19 00-0142	EA	12 count fiber wall mount termination panel CC106-896-947	203.60		29.87
27 11 19 00-0143	EA	Ceramic, multimode ST II connector CC-105-143-911	19.75		2.72
27 11 19 00-0144		Telephone Components (27 11 19)			
27 11 19 00-0145		Terminal Blocks With Wide Range Of 22-8 AWG (27 11 19 00-0144)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 11 19 00-0146 EA Terminal Block, Circuit Isolation Switch With Wire Range 22-8 AWG	33.19	10.89
27 11 19 00-0147 EA Terminal Block, Fuse Holder 600 Volt, 6.3 Amperes With Wire Range 22-8 AWG	65.88	10.89
27 11 19 00-0148 EA Terminal Block, Fuse Holder 600 Volt, 10 Amperes With Wire Range 22-8 AWG	52.51	10.89
27 11 19 00-0149 EA Terminal Block, Solderless Box With Lugs And Wire Range 22-8 AWG	25.15	10.89
27 11 19 00-0150 EA Flat Terminal Block Connection With Wire Range 22-8 AWG	17.80	7.62
27 11 19 00-0151 EA Ground Terminal Block With Wire Range 22-8 AWG	34.61	10.89
27 11 19 00-0152 EA Terminal Block, Solderless Box With Lug 600 Volt, 60 Amperes With Wire Range 22-8 AWG	25.15	10.89
27 11 19 00-0153 EA Terminal Block, Mini Box Lug 300 Volt, 30 Amperes With Wire Range 22-8 AWG	17.59	7.62
27 11 19 00-0154 EA Flat Terminal Block Connection 300 Volt, 20 Amperes With Wire Range 22-8 AWG	17.44	7.62
27 11 19 00-0155 EA Self Lifting Terminal Block, 300 Volt, 40 Amperes, Wire Connection With Wire Range 22-12 AWG	18.09	7.62
27 11 19 00-0156 Terminal Block Mounting Channel <small>(27 11 19 00-0144)</small>		
27 11 19 00-0157 EA Terminal Block Mounting Channel, .5 M Galvanized Steel	17.63	5.44
27 11 19 00-0158 EA Terminal Block Mounting Channel, 1 M Galvanized Steel	23.08	5.44
27 11 19 00-0159 EA Terminal Block Mounting Channel, 2 M Galvanized Steel	32.71	5.44
27 11 19 00-0160 EA Terminal Block Mounting Channel, .5 M Bi-Chrome Zinc	22.76	6.53
27 11 19 00-0161 EA Terminal Block Mounting Channel, 1 M Bi-Chrome Zinc	31.86	6.53
27 11 19 00-0162 EA Terminal Block Mounting Channel, 2 M Bi-Chrome Zinc	46.94	6.53
27 11 19 00-0163 Outlet Termination Hardware <small>(27 11 19 00-0144)</small>		
27 11 19 00-0164 EA Telephone Outlet Blocks	35.35	5.44
27 11 19 00-0165 EA Phone Outlet Block For Floor Box	92.27	41.28
Note: Excludes box.		
27 11 19 00-0166 EA Fiber Optic "SC" Type Modular Bulkhead	84.32	24.44
27 11 19 00-0167 EA Fiber Optic "ST" Type Modular Bulkhead	84.32	24.44
27 11 19 00-0168 EA Type "F" Coaxial Connector Male	48.83	16.29
27 11 19 00-0169 EA Modular Plate For 3-RJ-45, 4 - "SC" And 1 -"F" Connector	129.61	27.16
27 11 19 00-0170 EA Modular Plate For 3-RJ-45, 4 - "ST" And 1 -"F" Connector	129.61	27.16
27 11 19 00-0171 EA Access Floor Box With 3-RJ-45, 4 - "SC" And 1 -"F" Connector	157.67	27.16
27 11 19 00-0172 EA Access Floor Box With 3-RJ-45, 4 - "ST" And 1 -"F" Connector	157.67	27.16
27 11 19 00-0173 EA Access Floor Box With 2-RJ-45, 4 - "SC" And 1 -25 Pin Connector	142.90	27.16
27 11 19 00-0174 EA Terminal Type - Punch Down Block 110 Type - 300 Pair Category 5	1,263.81	135.78
27 11 19 00-0175 EA Wiring (Punch Down) Block with Stand-Off Legs, 100 Pair, Category V	60.23	10.87
Note: Excludes cable terminations.		
27 11 19 00-0176 EA 5-Pair, Connecting Block	3.55	1.08
27 11 19 00-0177 EA 4-Pair, Connecting Block	3.86	1.08
27 11 19 00-0178 EA Plastic Label Holder, Transparent	14.31	2.72
27 11 19 00-0179 EA Marked Label, White, 5-Pair	3.81	
27 11 19 00-0180 EA Marked Label, Blue, 4-Pair	3.81	
27 11 19 00-0181 Terminations in Manhole or Junction Box <small>(27 11 19 00-0144)</small>		
27 11 19 00-0182 EA 25 Pair Cable Termination In Manhole Or Junction Box	173.81	
27 11 19 00-0183 EA 50 Pair Cable Termination In Manhole Or Junction Box	347.61	
27 11 19 00-0184 EA 100 Pair Cable Termination In Manhole Or Junction Box	695.22	
27 11 19 00-0185 EA 150 Pair Cable Termination In Manhole Or Junction Box	1,042.83	
27 11 19 00-0186 EA 200 Pair Cable Termination In Manhole Or Junction Box	1,219.90	
27 11 19 00-0187 EA 300 Pair Cable Termination In Manhole Or Junction Box	1,829.30	
27 11 19 00-0188 EA 400 Pair Cable Termination In Manhole Or Junction Box	2,300.75	
27 11 19 00-0189 EA 500 Pair Cable Termination In Manhole Or Junction Box	2,876.47	
27 11 19 00-0190 EA 750 Pair Cable Termination In Manhole Or Junction Box	4,314.69	
27 11 19 00-0191 EA 1,000 Pair Cable Termination In Manhole Or Junction Box	5,232.59	
27 11 19 00-0192 EA 1,200 Pair Cable Termination In Manhole Or Junction Box	5,963.75	
27 11 23 Communications Cable Management and Ladder Rack <small>(27 11)</small>		
27 11 23 00-0001 Equipment Supports <small>(27 11 23)</small>		
27 11 23 00-0002 EA 110 Jumper Trough (Commscope 107831133)	33.13	5.43
27 11 23 00-0003 LF Velcro CMP	2.71	1.08
27 11 23 00-0004 EA 12" x 5'-11" Tubular Runway	116.49	26.07
27 11 23 00-0005 EA 12" x 9'-11" Tubular Runway	200.70	43.45
27 11 23 00-0006 EA Shelf Bracket Support For Tubular Runway	36.80	8.15
27 11 23 00-0007 EA Straight Clamp Hardware For Tubular Runway	15.11	5.43
27 11 23 00-0008 EA Corner Clamp Hardware For Tubular Runway	16.16	5.43
27 11 23 00-0009 EA 90 Degree Edge Clamp Hardware For Tubular Runway	37.96	9.77
27 11 23 00-0010 EA Wall Angle Assembly Hardware For 12" Wide Tubular Runway	82.32	16.29
27 11 23 00-0011 EA J-Bolt Hardware For Tubular Runway	7.23	2.39
27 11 23 00-0012 EA T Bracket Hardware For Tubular Runway	41.44	13.58
27 13 Communications Backbone Cabling <small>(27 10)</small>		
27 13 13 Communications Copper Backbone Cabling <small>(27 13)</small>		
27 13 13 13 Communications Copper Cable Splicing and Terminations <small>(27 13 13)</small>		
27 13 13 13-0001 Building Entrance Terminals <small>(27 13 13 13)</small>		
27 13 13 13-0002 EA 25 Pair Gas Protective Unit Assembly Complete With Gas Protector	2,757.39	238.17
27 13 13 13-0003 EA 50 Pair Gas Protective Unit Assembly Complete With Gas Protector	3,624.90	396.95

27 Communications**27 10 Structured Cabling****27 13 Communications Backbone Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 13 13-0004 EA 100 Pair Gas Protective Unit Assembly Complete With Gas Protector.....	5,077.26	635.61
27 13 13 13-0005 Modular Plugs For Copper Communications Cable (27 13 13 13)		
27 13 13 13-0006 EA Modular Plug For Non-Shielded Copper Communications Cable.....	27.31	
Note: Up to 8-position/8-contact non-shielded modular plug for solid or stranded wire. Includes termination.		
For >5 To 10, Deduct	-3.25	
For >10, Deduct	-6.50	
27 13 13 13-0007 EA Modular Plug For Shielded Copper Communications Cable.....	31.22	
Note: Up to 8-position/8-contact shielded modular plug for solid or stranded wire. Includes termination.		
For >5 To 10, Deduct	-3.66	
For >10, Deduct	-7.31	
27 13 13 13-0008 Testing And Certification Of Copper Communications Cable (27 13 13 13)		
Note: Use for existing systems.		
27 13 13 13-0009 EA Test 1-Pair Of A Copper Communications Cable For Continuity.....	5.43	
For >25-Pair, Deduct	-2.17	
27 13 13 13-0010 EA Certify 1-Pair Of A Copper Communications Cable.....	8.15	
For >25-Pair, Deduct	-3.25	
27 13 13 13-0011 EA Certify And Document 1-Pair Of A Copper Communications Cable.....	13.03	
For >25-Pair, Deduct	-5.20	
27 13 13 13-0012 EA Test 4-Pair Category 5-7 Telecommunications Cable For Continuity.....	21.72	
For >25-Pair, Deduct	-8.67	
27 13 13 13-0013 EA Certify 4-Pair Category 5-7 Telecommunications Cable.....	32.59	
For >25-Pair, Deduct	-13.00	
27 13 13 13-0014 EA Certify And Document 4-Pair Category 5-7 Telecommunications Cable.....	52.14	
For >25-Pair, Deduct	-20.80	
27 13 13 13-0015 Communications Termination Blocks (27 13 13 13)		
27 13 13 13-0016 EA 100-Pair, 110 Block With Legs.....	57.60	13.58
27 13 13 13-0017 EA 300-Pair, 110 Block With Legs.....	101.88	13.58
27 13 13 13-0018 EA Clear Label Holder For 110 Wiring Block.....	11.73	5.43
27 13 13 13-0019 EA 4-Pair, 110C Connecting Block.....	6.77	2.72
27 13 13 13-0020 EA 5-Pair, 110C Connecting Block.....	6.93	2.72
27 13 13 13-0021 EA 100-Pair, 110 Jack Panel System.....	337.66	16.29
Note: Includes twelve 8-pin modular jacks and mounting legs.		
27 13 13 13-0022 EA 300-Pair, 110 Jack Panel System.....	653.18	16.29
Note: Includes twelve 8-pin modular jacks and mounting legs.		
27 13 23 Communications Optical Fiber Backbone Cabling (27 13)		
27 13 23 13 Communications Optical Fiber Splicing and Terminations (27 13 23)		
27 13 23 13-0001 Fiber Optic Cable Connectors (27 13 23 13)		
27 13 23 13-0002 EA ST Connector For Multimode Fiber Optic Cable.....	32.98	
27 13 23 13-0003 EA ST Connector For Singlemode Fiber Optic Cable.....	38.58	
27 13 23 13-0004 EA SC Connector For Multimode Fiber Optic Cable.....	37.13	
27 13 23 13-0005 EA SC Connector For Singlemode Fiber Optic Cable.....	44.27	
27 13 23 13-0006 EA LC Connector For Multimode Fiber Optic Cable.....	51.16	
27 13 23 13-0007 EA LC Connector For Singlemode Fiber Optic Cable.....	52.83	
27 13 23 13-0008 EA Duplex LC Connector For Multimode Fiber Optic Cable.....	75.16	
27 13 23 13-0009 EA Duplex LC Connector For Singlemode Fiber Optic Cable.....	78.49	
27 13 23 13-0010 EA MT-RJ Connector For Multimode Fiber Optic Cable.....	78.62	
27 13 23 13-0011 Fiber Optic Cable Fan Out Kits (27 13 23 13)		
27 13 23 13-0012 Buffer Tube Fan Out Kits For Fiber Optic Cable (27 13 23 13-0011)		
27 13 23 13-0013 EA 6-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	236.97	
27 13 23 13-0014 EA 12-Fiber, Indoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	240.74	
27 13 23 13-0015 EA 6-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	272.54	
27 13 23 13-0016 EA 12-Fiber, Outdoor Buffer Tube Fan Out Kit For Fiber Optic Cable.....	296.39	
27 13 23 13-0017 Spider Fan Out Kits For Fiber Optic Cable (27 13 23 13-0011)		
Note: For tight buffered or loose tube non-armored cables. Includes aramid yarn strength member, outer protective PVDF jacket and one meter fan out lengths.		
27 13 23 13-0018 EA 6-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	283.36	
27 13 23 13-0019 EA 12-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	308.63	
27 13 23 13-0020 EA 18-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	450.29	
27 13 23 13-0021 EA 24-Fiber, Spider Fan Out Kit For Fiber Optic Cable.....	584.19	
27 13 23 13-0022 Fiber Optic Cable Splice Closures (27 13 23 13)		
Note: Includes mounting hardware. Excludes splicing and splice trays.		
27 13 23 13-0023 EA Up To 144-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	939.14	108.63
27 13 23 13-0024 EA Up To 144-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	1,156.39	217.26
27 13 23 13-0025 EA Up To 144-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,156.39	217.26
27 13 23 13-0026 EA Up To 288-Fiber Capacity, Pedestal Fiber Optic Cable Splice Closure.....	1,592.33	108.63
27 13 23 13-0027 EA Up To 288-Fiber Capacity, Underground Fiber Optic Cable Splice Closure.....	1,809.58	217.26
27 13 23 13-0028 EA Up To 288-Fiber Capacity, Aerial Fiber Optic Cable Splice Closure.....	1,809.58	217.26

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 13 23 13-0029 EA Splice Tray For Fiber Optic Cable Splice Closure..... Note: Up to 12-fiber, mechanical or fusion splice tray. Excludes splice.	63.55	13.58
27 13 23 13-0030 Fiber Optic Cable Testing (27 13 23 13) Note: Price based on testing one wavelength.		
27 13 23 13-0031 Fiber Optic Cable Testing Using An OTDR (27 13 23 13-0030) Note: Testing using an optical time domain reflectometer.		
27 13 23 13-0032 EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test..... For >12 To 48 Strands, Deduct For >48 Strands, Deduct	21.72 -1.63 -2.17	
27 13 23 13-0033 EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test..... For >12 To 48 Strands, Deduct For >48 Strands, Deduct	32.59 -2.44 -3.26	
27 13 23 13-0034 EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional OTDR Test With Documentation..... For >12 To 48 Strands, Deduct For >48 Strands, Deduct	54.31 -4.07 -5.43	
27 13 23 13-0035 EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional OTDR Test With Documentation..... For >12 To 48 Strands, Deduct For >48 Strands, Deduct	81.47 -6.11 -8.15	
27 13 23 13-0036 Fiber Optic Cable Testing Using A Power Meter (27 13 23 13-0030)		
27 13 23 13-0037 EA Test 1-Strand Of Fiber Optic Cable Using A Single Directional Power Meter Test..... For >12 To 48 Strands, Deduct For >48 Strands, Deduct	21.72 -1.63 -2.17	
27 13 23 13-0038 EA Test 1-Strand Of Fiber Optic Cable Using A Multi-Directional Power Meter Test..... For >12 To 48 Strands, Deduct For >48 Strands, Deduct	32.59 -2.44 -3.26	
27 13 23 13-0039 Fiber Optic Cable Light Source/Continuity Testing (27 13 23 13-0030)		
27 13 23 13-0040 EA Test 1-Strand Of Fiber Optic Cable Using A Light Source/Continuity Test..... For >12 To 48 Strands, Deduct For >48 Strands, Deduct	21.72 -1.63 -2.17	
27 13 23 13-0041 Fiber Optic Cable Splicing (27 13 23 13)		
27 13 23 13-0042 EA Single Strand, Fusion Splice Of Fiber Optic Cable.....	32.59	
27 13 23 13-0043 EA 12-Strand Ribbon, Fusion Splice Of Fiber Optic Cable.....	108.63	
27 13 23 13-0044 Other Fiber Optic Cable Splicing (27 13 23 13)		
27 13 23 13-0045 EA Fiber Optic Finger Splice.....	37.46	20.42
27 13 23 13-0046 EA Fiber Optic Splice Box - Manholes.....	5,805.34	

27 15 Communications Horizontal Cabling (27 10)

27 15 01 Communications Horizontal Cabling Applications (27 15)

27 15 01 13 Video Surveillance Communications Conductors and Cables (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 15 Access Control Communications Conductors and Cables (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 16 Voice Communications Horizontal Cabling (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables.

27 15 01 17 Intrusion Detection Communications Conductors and Cables (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc. See CSI section 26 05 19 00-0000 for low-voltage electrical power cable, 26 05 23 00-0000 for control-voltage electrical power cable, 27 13 00 00-0000 for conductors and cables, 27 15 01 19-0000 for Type FPLP Cable.

27 15 01 19 Fire Alarm Communications Conductors and Cables (27 15 01)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 01 19-0001 Fire Alarm/Life Safety Cable (27 15 01 19)

27 15 01 19-0002 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable (27 15 01 19-0001)

27 15 01 19-0003 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit (27 15 01 19-0002)

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01	19-0004	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,821.58	739.11
27 15 01	19-0005	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,257.16	765.83
27 15 01	19-0006	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,077.50	840.13
27 15 01	19-0007	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,773.65	870.12
27 15 01	19-0008	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,390.34	940.51
27 15 01	19-0009	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,383.12	974.39
27 15 01	19-0010	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,080.52	1,075.42
27 15 01	19-0011	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	4,625.03	1,113.77
27 15 01 19-0012 Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0002)</small>					
27 15 01	19-0013	MLF	1-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,053.43	1,478.44
27 15 01	19-0014	MLF	2-Pair, 18 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,533.54	1,531.66
27 15 01	19-0015	MLF	1-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,477.73	1,680.48
27 15 01	19-0016	MLF	2-Pair, 16 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,223.84	1,740.23
27 15 01	19-0017	MLF	1-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,957.85	1,881.45
27 15 01	19-0018	MLF	2-Pair, 14 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	5,007.11	1,948.80
27 15 01	19-0019	MLF	1-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,872.89	2,150.84
27 15 01	19-0020	MLF	2-Pair, 12 AWG, Twisted Pair, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	6,481.50	2,227.98
27 15 01 19-0021 Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0001)</small>					
27 15 01	19-0022	MLF	2 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,136.36	604.84
27 15 01	19-0023	MLF	4 Conductors, #22 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,232.81	626.35
27 15 01	19-0024	MLF	2 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,381.97	739.11
27 15 01	19-0025	MLF	3 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,478.96	752.47
27 15 01	19-0026	MLF	4 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,537.14	765.83
27 15 01	19-0027	MLF	6 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,727.03	792.55
27 15 01	19-0028	MLF	8 Conductors, #18 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,001.16	819.28
27 15 01	19-0029	MLF	2 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,615.47	840.13
27 15 01	19-0030	MLF	4 Conductors, #16 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,827.45	870.12
27 15 01	19-0031	MLF	2 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,876.00	940.51
27 15 01	19-0032	MLF	4 Conductors, #14 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,208.98	974.39
27 15 01	19-0033	MLF	2 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,299.83	1,075.42
27 15 01	19-0034	MLF	4 Conductors, #12 AWG, Shielded, Non-Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,839.13	1,113.77
27 15 01 19-0035 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>					
27 15 01 19-0036 Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0035)</small>					
27 15 01	19-0037	MLF	2 Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,126.26	604.84
27 15 01	19-0038	MLF	2 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,375.41	739.11
27 15 01	19-0039	MLF	3 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,542.35	752.47
27 15 01	19-0040	MLF	4 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,554.69	765.83
27 15 01	19-0041	MLF	6 Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,818.63	792.55

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0042	MLF	2	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,605.56	840.13
27 15 01 19-0043	MLF	4	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,849.69	870.12
27 15 01 19-0044	MLF	2	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,831.39	940.51
27 15 01 19-0045	MLF	4	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,386.27	974.39
27 15 01 19-0046	MLF	2	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,285.25	1,075.42
27 15 01 19-0047	MLF	4	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	3,108.28	1,113.77
27 15 01 19-0048			Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0035)</small>		
27 15 01 19-0049	MLF	2	Conductors, #22 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,134.32	1,210.12
27 15 01 19-0050	MLF	2	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,607.26	1,478.44
27 15 01 19-0051	MLF	3	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,795.94	1,504.50
27 15 01 19-0052	MLF	4	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,831.07	1,531.66
27 15 01 19-0053	MLF	6	Conductors, #18 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,139.56	1,584.89
27 15 01 19-0054	MLF	2	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,005.79	1,680.48
27 15 01 19-0055	MLF	4	Conductors, #16 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,299.88	1,740.23
27 15 01 19-0056	MLF	2	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,398.90	1,881.45
27 15 01 19-0057	MLF	4	Conductors, #14 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,010.26	1,948.80
27 15 01 19-0058	MLF	2	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,077.62	2,150.84
27 15 01 19-0059	MLF	4	Conductors, #12 AWG, Non-Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	4,964.75	2,227.98
27 15 01 19-0060			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0001)</small>		
27 15 01 19-0061			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0060)</small>		
27 15 01 19-0062	MLF	2	Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,167.82	604.84
27 15 01 19-0063	MLF	2	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,405.08	739.11
27 15 01 19-0064	MLF	3	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,652.52	752.47
27 15 01 19-0065	MLF	4	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,585.07	765.83
27 15 01 19-0066	MLF	6	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,849.69	792.55
27 15 01 19-0067	MLF	2	Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,673.77	840.13
27 15 01 19-0068	MLF	4	Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,881.24	870.12
27 15 01 19-0069	MLF	2	Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,978.50	940.51
27 15 01 19-0070	MLF	4	Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,312.51	974.39
27 15 01 19-0071	MLF	2	Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,394.11	1,075.42
27 15 01 19-0072	MLF	4	Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,884.32	1,113.77
27 15 01 19-0073			Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0060)</small>		
27 15 01 19-0074	MLF	2	Conductors, #22 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,175.88	1,210.12
27 15 01 19-0075	MLF	2	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,636.93	1,478.44
27 15 01 19-0076	MLF	3	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,906.11	1,504.50
27 15 01 19-0077	MLF	4	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	2,861.45	1,531.66
27 15 01 19-0078	MLF	6	Conductors, #18 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,170.62	1,584.89
27 15 01 19-0079	MLF	2	Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed	3,074.00	1,680.48

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 01 19-0080 MLF 4 Conductors, #16 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,331.43	1,740.23
27 15 01 19-0081 MLF 2 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,546.01	1,881.45
27 15 01 19-0082 MLF 4 Conductors, #14 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,936.50	1,948.80
27 15 01 19-0083 MLF 2 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,186.48	2,150.84
27 15 01 19-0084 MLF 4 Conductors, #12 AWG, Shielded, Plenum Rated, Solid Type FPLP (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,740.79	2,227.98
27 15 01 19-0085 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable <small>(27 15 01 19-0085)</small>		
27 15 01 19-0086 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit <small>(27 15 01 19-0085)</small>		
27 15 01 19-0087 MLF 2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,136.20	604.84
27 15 01 19-0088 MLF 2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,434.46	739.11
27 15 01 19-0089 MLF 3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,556.95	752.47
27 15 01 19-0090 MLF 4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,659.66	765.83
27 15 01 19-0091 MLF 6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,884.85	792.55
27 15 01 19-0092 MLF 2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,657.17	840.13
27 15 01 19-0093 MLF 4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,966.26	870.12
27 15 01 19-0094 MLF 2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	1,948.80	940.51
27 15 01 19-0095 MLF 4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,508.05	974.39
27 15 01 19-0096 MLF 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed In Conduit.....	2,354.32	1,075.42
27 15 01 19-0097 Non-Shielded, Riser Rated, FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed <small>(27 15 01 19-0085)</small>		
27 15 01 19-0098 MLF 2 Conductors, #22 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,144.26	1,210.12
27 15 01 19-0099 MLF 2 Conductors, #18 AWG, Non-Shielded, Riser Rated, Solid Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,666.31	1,478.44
27 15 01 19-0100 MLF 3 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,810.54	1,504.50
27 15 01 19-0101 MLF 4 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	2,936.04	1,531.66
27 15 01 19-0102 MLF 6 Conductors, #18 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,205.78	1,584.89
27 15 01 19-0103 MLF 2 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,057.40	1,680.48
27 15 01 19-0104 MLF 4 Conductors, #16 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,416.45	1,740.23
27 15 01 19-0105 MLF 2 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	3,516.31	1,881.45
27 15 01 19-0106 MLF 4 Conductors, #14 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,132.04	1,948.80
27 15 01 19-0107 MLF 2 Conductors, #12 AWG, Non-Shielded, Riser Rated, Stranded Type FPLR (Red), Fire Alarm/Life Safety Cable, Installed Exposed.....	4,146.69	2,150.84
27 15 13 Communications Copper Horizontal Cabling <small>(27 15)</small>		
<small>Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.</small>		
27 15 13 00-0001 Solid Conductor Low Voltage Cable <small>(27 15 13)</small>		
27 15 13 00-0002 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0001)</small>		
27 15 13 00-0003 #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0002)</small>		
27 15 13 00-0004 MLF 1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,011.80	982.45
<i>For #10 AWG, Add</i>	451.01	
<i>For Work In Restricted Working Space, Add</i>	491.27	
27 15 13 00-0005 MLF 2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,386.40	1,017.18
<i>For #10 AWG, Add</i>	567.06	
<i>For Work In Restricted Working Space, Add</i>	508.74	
27 15 13 00-0006 MLF 3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,716.49	1,052.91
<i>For #10 AWG, Add</i>	668.38	
<i>For Work In Restricted Working Space, Add</i>	526.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0007 MLF 4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,065.71	1,088.63
For #10 AWG, Add	775.74	
For Work In Restricted Working Space, Add	544.48	
27 15 13 00-0008 MLF 5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,459.66	1,162.07
For #10 AWG, Add	889.83	
For Work In Restricted Working Space, Add	581.21	
27 15 13 00-0009 MLF 6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,821.15	1,234.52
For #10 AWG, Add	993.43	
For Work In Restricted Working Space, Add	617.42	
27 15 13 00-0010 MLF 8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,158.51	1,381.38
For #10 AWG, Add	1,073.07	
For Work In Restricted Working Space, Add	690.56	
27 15 13 00-0011 MLF 12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,509.95	1,821.01
For #10 AWG, Add	1,423.81	
For Work In Restricted Working Space, Add	910.33	
27 15 13 00-0012 MLF 24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,194.35	2,689.33
For #10 AWG, Add	2,121.60	
For Work In Restricted Working Space, Add	1,344.32	
27 15 13 00-0013 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0002)		
27 15 13 00-0014 MLF 1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,789.57	859.40
For Work In Restricted Working Space, Add	429.60	
27 15 13 00-0015 MLF 2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,143.43	890.16
For Work In Restricted Working Space, Add	445.08	
27 15 13 00-0016 MLF 3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,454.49	920.92
For Work In Restricted Working Space, Add	460.56	
27 15 13 00-0017 MLF 4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,782.87	952.68
For Work In Restricted Working Space, Add	476.34	
27 15 13 00-0018 MLF 5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,149.48	1,017.18
For Work In Restricted Working Space, Add	508.49	
27 15 13 00-0019 MLF 6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,484.75	1,080.69
For Work In Restricted Working Space, Add	540.05	
27 15 13 00-0020 MLF 8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,788.48	1,208.72
For Work In Restricted Working Space, Add	604.36	
27 15 13 00-0021 MLF 12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,019.87	1,592.76
For Work In Restricted Working Space, Add	796.38	
27 15 13 00-0022 MLF 24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,469.77	2,352.92
For Work In Restricted Working Space, Add	1,176.56	
27 15 13 00-0023 #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0002)		
27 15 13 00-0024 MLF 1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,594.03	767.10
For Work In Restricted Working Space, Add	383.75	
27 15 13 00-0025 MLF 2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,830.07	794.89
For Work In Restricted Working Space, Add	397.44	
27 15 13 00-0026 MLF 3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,179.99	822.68
For Work In Restricted Working Space, Add	411.14	
27 15 13 00-0027 MLF 4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,470.49	850.47
For Work In Restricted Working Space, Add	425.43	
27 15 13 00-0028 MLF 5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,794.21	908.02
For Work In Restricted Working Space, Add	454.01	
27 15 13 00-0029 MLF 6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,091.09	964.58
For Work In Restricted Working Space, Add	482.30	
27 15 13 00-0030 MLF 7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,225.71	1,022.15
For Work In Restricted Working Space, Add	510.88	
27 15 13 00-0031 MLF 8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,361.32	1,079.70
For Work In Restricted Working Space, Add	539.75	
27 15 13 00-0032 MLF 9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,735.80	1,148.17
For Work In Restricted Working Space, Add	573.99	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0033	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,453.15	1,422.07	
		<i>For Work In Restricted Working Space, Add</i>	711.09		
27 15 13 00-0034	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,625.88	2,100.85	
		<i>For Work In Restricted Working Space, Add</i>	1,050.48		
27 15 13 00-0035		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0002)</small>			
27 15 13 00-0036	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,347.68	675.81	
		<i>For Work In Restricted Working Space, Add</i>	337.61		
27 15 13 00-0037	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,576.32	699.62	
		<i>For Work In Restricted Working Space, Add</i>	349.81		
27 15 13 00-0038	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,778.33	723.44	
		<i>For Work In Restricted Working Space, Add</i>	362.02		
27 15 13 00-0039	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,990.50	748.25	
		<i>For Work In Restricted Working Space, Add</i>	374.23		
27 15 13 00-0040	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,236.15	798.86	
		<i>For Work In Restricted Working Space, Add</i>	399.53		
27 15 13 00-0041	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,462.58	848.48	
		<i>For Work In Restricted Working Space, Add</i>	424.54		
27 15 13 00-0042	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,685.86	949.70	
		<i>For Work In Restricted Working Space, Add</i>	474.85		
27 15 13 00-0043	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,556.66	1,251.39	
		<i>For Work In Restricted Working Space, Add</i>	625.79		
27 15 13 00-0044	MLF	24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,287.35	1,848.80	
		<i>For Work In Restricted Working Space, Add</i>	924.39		
27 15 13 00-0045		#20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0002)</small>			
27 15 13 00-0046	MLF	1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,194.00	614.28	
		<i>For Work In Restricted Working Space, Add</i>	306.94		
27 15 13 00-0047	MLF	2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,376.08	636.11	
		<i>For Work In Restricted Working Space, Add</i>	317.96		
27 15 13 00-0048	MLF	3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,535.85	658.44	
		<i>For Work In Restricted Working Space, Add</i>	328.97		
27 15 13 00-0049	MLF	4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,703.75	680.77	
		<i>For Work In Restricted Working Space, Add</i>	340.28		
27 15 13 00-0050	MLF	5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,905.21	726.42	
		<i>For Work In Restricted Working Space, Add</i>	363.06		
27 15 13 00-0051	MLF	6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,091.05	772.07	
		<i>For Work In Restricted Working Space, Add</i>	385.83		
27 15 13 00-0052	MLF	8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,298.93	863.37	
		<i>For Work In Restricted Working Space, Add</i>	431.69		
27 15 13 00-0053	MLF	12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,026.63	1,138.26	
		<i>For Work In Restricted Working Space, Add</i>	568.93		
27 15 13 00-0054	MLF	24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,496.77	1,681.08	
		<i>For Work In Restricted Working Space, Add</i>	840.44		
27 15 13 00-0055	MLF	25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,754.58	1,720.78	
		<i>For Work In Restricted Working Space, Add</i>	860.39		
27 15 13 00-0056	MLF	36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,651.12	2,003.61	
		<i>For Work In Restricted Working Space, Add</i>	1,001.81		
27 15 13 00-0057	MLF	40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,061.67	2,144.52	
		<i>For Work In Restricted Working Space, Add</i>	1,072.36		
27 15 13 00-0058	MLF	50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,283.30	2,680.41	
		<i>For Work In Restricted Working Space, Add</i>	1,340.00		
27 15 13 00-0059	MLF	100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	9,866.60	3,528.88	
		<i>For Work In Restricted Working Space, Add</i>	1,764.23		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0060 #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0002)</small>		
27 15 13 00-0061 MLF 1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,010.30	552.76
<i>For Work In Restricted Working Space, Add</i>	<i>276.28</i>	
27 15 13 00-0062 MLF 2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,075.98	572.60
<i>For Work In Restricted Working Space, Add</i>	<i>286.10</i>	
27 15 13 00-0063 MLF 3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,155.20	592.45
<i>For Work In Restricted Working Space, Add</i>	<i>296.22</i>	
27 15 13 00-0064 MLF 4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,240.68	612.30
<i>For Work In Restricted Working Space, Add</i>	<i>306.35</i>	
27 15 13 00-0065 MLF 5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,371.25	653.97
<i>For Work In Restricted Working Space, Add</i>	<i>326.89</i>	
27 15 13 00-0066 MLF 6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,502.53	692.67
<i>For Work In Restricted Working Space, Add</i>	<i>346.54</i>	
27 15 13 00-0067 Triad <small>(27 15 13 00-0002)</small>		
27 15 13 00-0068 MLF 1 Triad #16 AWG, Stranded, Low Voltage, Installed In Conduit.....	2,917.49	822.68
27 15 13 00-0069 MLF 4 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	3,756.78	1,138.26
27 15 13 00-0070 MLF 8 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	5,934.69	1,681.08
27 15 13 00-0071 MLF 12 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	7,451.70	2,003.61
27 15 13 00-0072 MLF 24 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	12,320.89	3,104.15
27 15 13 00-0073 MLF 36 Triad #20 AWG, Stranded, Low Voltage, Installed In Conduit.....	14,203.39	3,528.88
27 15 13 00-0074 Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0001)</small>		
27 15 13 00-0075 #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0074)</small>		
27 15 13 00-0076 MLF 1 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,649.35	1,964.90
<i>For #10 AWG, Add</i>	<i>778.52</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>982.53</i>	
27 15 13 00-0077 MLF 2 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,082.21	2,034.37
<i>For #10 AWG, Add</i>	<i>906.22</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,017.49</i>	
27 15 13 00-0078 MLF 3 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,470.84	2,105.82
<i>For #10 AWG, Add</i>	<i>1,019.25</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,052.61</i>	
27 15 13 00-0079 MLF 4 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	4,880.66	2,177.27
<i>For #10 AWG, Add</i>	<i>1,138.73</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,088.97</i>	
27 15 13 00-0080 MLF 5 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,397.01	2,324.15
<i>For #10 AWG, Add</i>	<i>1,277.30</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,162.41</i>	
27 15 13 00-0081 MLF 6 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	5,879.22	2,469.03
<i>For #10 AWG, Add</i>	<i>1,405.05</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,234.84</i>	
27 15 13 00-0082 MLF 8 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	6,460.39	2,762.77
<i>For #10 AWG, Add</i>	<i>1,533.44</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,381.13</i>	
27 15 13 00-0083 MLF 12 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	8,544.37	3,642.01
<i>For #10 AWG, Add</i>	<i>2,030.69</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>1,820.66</i>	
27 15 13 00-0084 MLF 24 Pair #12 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	12,675.42	5,378.67
<i>For #10 AWG, Add</i>	<i>3,017.81</i>	
<i>For Work In Restricted Working Space, Add</i>	<i>2,688.64</i>	
27 15 13 00-0085 #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0074)</small>		
27 15 13 00-0086 MLF 1 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,221.57	1,718.79
<i>For Work In Restricted Working Space, Add</i>	<i>859.20</i>	
27 15 13 00-0087 MLF 2 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed.....	3,627.04	1,780.33
<i>For Work In Restricted Working Space, Add</i>	<i>890.16</i>	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0088	MLF	3 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	3,989.70	1,841.85
		<i>For Work In Restricted Working Space, Add</i>		921.12	
27 15 13 00-0089	MLF	4 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	4,370.67	1,905.36
		<i>For Work In Restricted Working Space, Add</i>		952.68	
27 15 13 00-0090	MLF	5 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	4,844.47	2,034.37
		<i>For Work In Restricted Working Space, Add</i>		1,016.99	
27 15 13 00-0091	MLF	6 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	5,284.91	2,161.39
		<i>For Work In Restricted Working Space, Add</i>		1,080.10	
27 15 13 00-0092	MLF	8 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	5,803.00	2,417.42
		<i>For Work In Restricted Working Space, Add</i>		1,208.71	
27 15 13 00-0093	MLF	12 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	7,674.47	3,185.53
		<i>For Work In Restricted Working Space, Add</i>		1,592.76	
27 15 13 00-0094	MLF	24 Pair #14 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	11,391.64	4,705.85
		<i>For Work In Restricted Working Space, Add</i>		2,353.12	
27 15 13 00-0095		#16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0074)</small>			
27 15 13 00-0096	MLF	1 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	2,873.21	1,534.21
		<i>For Work In Restricted Working Space, Add</i>		767.50	
27 15 13 00-0097	MLF	2 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	3,154.90	1,589.79
		<i>For Work In Restricted Working Space, Add</i>		794.89	
27 15 13 00-0098	MLF	3 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	3,550.47	1,645.35
		<i>For Work In Restricted Working Space, Add</i>		822.28	
27 15 13 00-0099	MLF	4 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	3,888.59	1,700.93
		<i>For Work In Restricted Working Space, Add</i>		850.86	
27 15 13 00-0100	MLF	5 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	4,307.59	1,816.05
		<i>For Work In Restricted Working Space, Add</i>		908.03	
27 15 13 00-0101	MLF	6 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	4,698.73	1,929.18
		<i>For Work In Restricted Working Space, Add</i>		964.59	
27 15 13 00-0102	MLF	7 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	4,928.62	2,044.29
		<i>For Work In Restricted Working Space, Add</i>		1,021.75	
27 15 13 00-0103	MLF	8 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	5,160.50	2,159.41
		<i>For Work In Restricted Working Space, Add</i>		1,079.51	
27 15 13 00-0104	MLF	9 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	5,649.09	2,296.36
		<i>For Work In Restricted Working Space, Add</i>		1,147.98	
27 15 13 00-0105	MLF	12 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	6,823.43	2,844.15
		<i>For Work In Restricted Working Space, Add</i>		1,422.17	
27 15 13 00-0106	MLF	24 Pair #16 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	10,127.48	4,201.72
		<i>For Work In Restricted Working Space, Add</i>		2,100.96	
27 15 13 00-0107		#18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0074)</small>			
27 15 13 00-0108	MLF	1 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	2,473.04	1,351.61
		<i>For Work In Restricted Working Space, Add</i>		675.21	
27 15 13 00-0109	MLF	2 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	2,742.36	1,399.25
		<i>For Work In Restricted Working Space, Add</i>		699.62	
27 15 13 00-0110	MLF	3 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	2,985.06	1,446.88
		<i>For Work In Restricted Working Space, Add</i>		724.04	
27 15 13 00-0111	MLF	4 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	3,237.91	1,496.50
		<i>For Work In Restricted Working Space, Add</i>		748.45	
27 15 13 00-0112	MLF	5 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	3,567.93	1,597.73
		<i>For Work In Restricted Working Space, Add</i>		799.06	
27 15 13 00-0113	MLF	6 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	3,877.70	1,696.96
		<i>For Work In Restricted Working Space, Add</i>		849.08	
27 15 13 00-0114	MLF	8 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	4,268.69	1,899.40
		<i>For Work In Restricted Working Space, Add</i>		949.70	
27 15 13 00-0115	MLF	12 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed	Exposed.....	5,642.63	2,502.77
		<i>For Work In Restricted Working Space, Add</i>		1,251.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0116 MLF 24 Pair #18 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,368.66 1,848.79	3,697.59
27 15 13 00-0117 #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed (27 15 13 00-0074)		
27 15 13 00-0118 MLF 1 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,217.14 613.88	1,228.56
27 15 13 00-0119 MLF 2 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,435.95 635.92	1,272.23
27 15 13 00-0120 MLF 3 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,632.42 657.95	1,316.88
27 15 13 00-0121 MLF 4 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,838.04 680.57	1,361.54
27 15 13 00-0122 MLF 5 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,115.41 726.12	1,452.84
27 15 13 00-0123 MLF 6 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,377.18 771.67	1,544.14
27 15 13 00-0124 MLF 8 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,737.87 863.37	1,726.73
27 15 13 00-0125 MLF 12 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,923.06 1,137.86	2,276.51
27 15 13 00-0126 MLF 24 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,298.23 1,680.88	3,362.17
27 15 13 00-0127 MLF 25 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,622.52 1,720.77	3,441.55
27 15 13 00-0128 MLF 36 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,990.48 2,003.61	4,007.21
27 15 13 00-0129 MLF 40 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,636.20 2,144.72	4,289.04
27 15 13 00-0130 MLF 50 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,749.96 2,680.00	5,360.81
27 15 13 00-0131 MLF 100 Pair #20 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	15,747.37 3,528.47	7,057.77
27 15 13 00-0132 #22 AWG, Shielded, Low Voltage Cable, Installed Exposed (27 15 13 00-0074)		
27 15 13 00-0133 MLF 1 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,931.23 552.56	1,105.50
27 15 13 00-0134 MLF 2 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,029.66 572.21	1,145.21
27 15 13 00-0135 MLF 3 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,142.62 592.45	1,184.90
27 15 13 00-0136 MLF 4 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,261.84 612.69	1,224.59
27 15 13 00-0137 MLF 5 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,460.88 653.78	1,307.95
27 15 13 00-0138 MLF 6 Pair #22 AWG, Solid, Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,657.66 693.08	1,385.36
27 15 13 00-0139 Triad, Installed Exposed (27 15 13 00-0074)		
27 15 13 00-0140 MLF 1 Triad, #16 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed.....	2,917.49	822.68
27 15 13 00-0141 MLF 4 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed.....	3,756.78	1,138.26
27 15 13 00-0142 MLF 8 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed.....	5,934.69	1,681.08
27 15 13 00-0143 MLF 12 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed.....	7,451.70	2,003.61
27 15 13 00-0144 MLF 24 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed.....	12,320.89	3,104.15
27 15 13 00-0145 MLF 36 Triad, #20 AWG, Stranded, Low Voltage Copper Communication Cable, Installed Exposed.....	14,203.39	3,528.88
27 15 13 00-0146 Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit (27 15 13 00-0001)		

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0147			#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0146)</small>		
27 15 13 00-0148	MLF	1	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,646.13	859.40
			<i>For Work In Restricted Working Space, Add</i>	429.60	
27 15 13 00-0149	MLF	2	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,878.74	890.16
			<i>For Work In Restricted Working Space, Add</i>	445.08	
27 15 13 00-0150	MLF	3	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,085.72	920.92
			<i>For Work In Restricted Working Space, Add</i>	460.56	
27 15 13 00-0151	MLF	4	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,303.46	952.68
			<i>For Work In Restricted Working Space, Add</i>	476.34	
27 15 13 00-0152	MLF	5	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,564.02	1,016.19
			<i>For Work In Restricted Working Space, Add</i>	507.90	
27 15 13 00-0153	MLF	6	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,807.98	1,079.70
			<i>For Work In Restricted Working Space, Add</i>	539.75	
27 15 13 00-0154	MLF	8	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,076.84	1,208.72
			<i>For Work In Restricted Working Space, Add</i>	604.36	
27 15 13 00-0155	MLF	12	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,071.02	1,592.76
			<i>For Work In Restricted Working Space, Add</i>	796.38	
27 15 13 00-0156	MLF	24	Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,046.51	2,352.92
			<i>For Work In Restricted Working Space, Add</i>	1,176.56	
27 15 13 00-0157			#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0146)</small>		
27 15 13 00-0158	MLF	1	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,467.72	767.10
			<i>For Work In Restricted Working Space, Add</i>	383.75	
27 15 13 00-0159	MLF	2	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,672.77	794.89
			<i>For Work In Restricted Working Space, Add</i>	397.44	
27 15 13 00-0160	MLF	3	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,855.24	822.68
			<i>For Work In Restricted Working Space, Add</i>	411.14	
27 15 13 00-0161	MLF	4	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,048.32	850.47
			<i>For Work In Restricted Working Space, Add</i>	425.43	
27 15 13 00-0162	MLF	5	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,279.41	907.03
			<i>For Work In Restricted Working Space, Add</i>	453.71	
27 15 13 00-0163	MLF	6	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,496.00	964.58
			<i>For Work In Restricted Working Space, Add</i>	482.30	
27 15 13 00-0164	MLF	7	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,614.84	1,022.15
			<i>For Work In Restricted Working Space, Add</i>	510.88	
27 15 13 00-0165	MLF	8	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,795.12	1,079.70
			<i>For Work In Restricted Working Space, Add</i>	539.75	
27 15 13 00-0166	MLF	9	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,075.14	1,148.17
			<i>For Work In Restricted Working Space, Add</i>	573.96	
27 15 13 00-0167	MLF	12	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,617.60	1,422.07
			<i>For Work In Restricted Working Space, Add</i>	711.09	
27 15 13 00-0168	MLF	24	Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,373.04	2,100.85
			<i>For Work In Restricted Working Space, Add</i>	1,050.62	
27 15 13 00-0169			#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0146)</small>		
27 15 13 00-0170	MLF	1	Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,282.72	674.81
			<i>For Work In Restricted Working Space, Add</i>	337.61	
27 15 13 00-0171	MLF	2	Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,448.23	699.62
			<i>For Work In Restricted Working Space, Add</i>	349.81	
27 15 13 00-0172	MLF	3	Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,554.03	724.43
			<i>For Work In Restricted Working Space, Add</i>	362.02	
27 15 13 00-0173	MLF	4	Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,692.41	748.25
			<i>For Work In Restricted Working Space, Add</i>	374.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0174 MLF 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,863.57	798.86
<i>For Work In Restricted Working Space, Add</i>	399.53	
27 15 13 00-0175 MLF 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,033.77	849.48
<i>For Work In Restricted Working Space, Add</i>	424.54	
27 15 13 00-0176 MLF 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,429.40	949.70
<i>For Work In Restricted Working Space, Add</i>	474.85	
27 15 13 00-0177 MLF 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,159.81	1,251.39
<i>For Work In Restricted Working Space, Add</i>	625.79	
27 15 13 00-0178 MLF 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,254.17	1,848.80
<i>For Work In Restricted Working Space, Add</i>	924.39	
27 15 13 00-0179 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0146)</small>		
27 15 13 00-0180 MLF 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,134.23	614.28
<i>For Work In Restricted Working Space, Add</i>	306.94	
27 15 13 00-0181 MLF 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,249.22	636.11
<i>For Work In Restricted Working Space, Add</i>	317.96	
27 15 13 00-0182 MLF 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,469.78	724.43
<i>For Work In Restricted Working Space, Add</i>	362.02	
27 15 13 00-0183 MLF 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,610.27	761.55
<i>For Work In Restricted Working Space, Add</i>	380.78	
27 15 13 00-0184 MLF 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,747.96	798.86
<i>For Work In Restricted Working Space, Add</i>	399.53	
27 15 13 00-0185 MLF 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,897.16	849.48
<i>For Work In Restricted Working Space, Add</i>	424.54	
27 15 13 00-0186 MLF 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,090.89	945.34
<i>For Work In Restricted Working Space, Add</i>	472.77	
27 15 13 00-0187 MLF 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,573.24	1,138.26
<i>For Work In Restricted Working Space, Add</i>	568.93	
27 15 13 00-0188 MLF 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,816.69	1,681.08
<i>For Work In Restricted Working Space, Add</i>	840.44	
27 15 13 00-0189 MLF 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,997.75	1,720.78
<i>For Work In Restricted Working Space, Add</i>	860.39	
27 15 13 00-0190 MLF 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,723.74	2,003.61
<i>For Work In Restricted Working Space, Add</i>	1,001.81	
27 15 13 00-0191 MLF 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,063.93	2,144.52
<i>For Work In Restricted Working Space, Add</i>	1,072.36	
27 15 13 00-0192 MLF 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,153.39	2,680.41
<i>For Work In Restricted Working Space, Add</i>	1,340.00	
27 15 13 00-0193 MLF 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,267.66	3,528.88
<i>For Work In Restricted Working Space, Add</i>	1,764.23	
27 15 13 00-0194 #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0146)</small>		
27 15 13 00-0195 MLF 1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	994.57	552.76
<i>For Work In Restricted Working Space, Add</i>	276.28	
27 15 13 00-0196 MLF 2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,054.45	572.60
<i>For Work In Restricted Working Space, Add</i>	286.10	
27 15 13 00-0197 MLF 3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,130.71	592.45
<i>For Work In Restricted Working Space, Add</i>	296.22	
27 15 13 00-0198 MLF 4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,213.26	612.30
<i>For Work In Restricted Working Space, Add</i>	306.35	
27 15 13 00-0199 MLF 5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,327.41	653.97
<i>For Work In Restricted Working Space, Add</i>	326.89	
27 15 13 00-0200 MLF 6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,448.44	692.67
<i>For Work In Restricted Working Space, Add</i>	346.54	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
27 15 13 00-0201		Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0001)</small>			
27 15 13 00-0202		#14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0201)</small>			
27 15 13 00-0203	MLF	1 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,078.13 859.20		1,718.79
27 15 13 00-0204	MLF	2 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,362.34 890.16		1,780.33
27 15 13 00-0205	MLF	3 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,620.93 921.12		1,841.85
27 15 13 00-0206	MLF	4 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,891.26 952.68		1,905.36
27 15 13 00-0207	MLF	5 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,257.02 1,015.80		2,032.38
27 15 13 00-0208	MLF	6 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,607.15 1,079.51		2,159.41
27 15 13 00-0209	MLF	8 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,091.36 1,208.71		2,417.42
27 15 13 00-0210	MLF	12 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,725.62 1,592.76		3,185.53
27 15 13 00-0211	MLF	24 Pair #14 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,968.38 2,353.12		4,705.85
27 15 13 00-0212		#16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0201)</small>			
27 15 13 00-0213	MLF	1 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,746.90 767.50		1,534.21
27 15 13 00-0214	MLF	2 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,997.60 794.89		1,589.79
27 15 13 00-0215	MLF	3 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,225.72 822.28		1,645.35
27 15 13 00-0216	MLF	4 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,466.42 850.86		1,700.93
27 15 13 00-0217	MLF	5 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,791.79 907.43		1,814.06
27 15 13 00-0218	MLF	6 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,103.64 964.59		1,929.18
27 15 13 00-0219	MLF	7 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,317.75 1,021.75		2,044.29
27 15 13 00-0220	MLF	8 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,594.30 1,079.51		2,159.41
27 15 13 00-0221	MLF	9 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,988.34 1,147.92		2,296.36
27 15 13 00-0222	MLF	12 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,987.88 1,422.17		2,844.15
27 15 13 00-0223	MLF	24 Pair #16 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	8,875.12 2,101.25		4,201.72
27 15 13 00-0224		#18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0201)</small>			
27 15 13 00-0225	MLF	1 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,408.08 675.21		1,349.63
27 15 13 00-0226	MLF	2 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,614.27 699.62		1,399.25
27 15 13 00-0227	MLF	3 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,760.76 724.04		1,448.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0228 MLF 4 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,939.82	1,496.50
<i>For Work In Restricted Working Space, Add</i>	748.45	
27 15 13 00-0229 MLF 5 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,195.35	1,597.73
<i>For Work In Restricted Working Space, Add</i>	799.06	
27 15 13 00-0230 MLF 6 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,448.89	1,698.94
<i>For Work In Restricted Working Space, Add</i>	849.08	
27 15 13 00-0231 MLF 8 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,012.23	1,899.40
<i>For Work In Restricted Working Space, Add</i>	949.70	
27 15 13 00-0232 MLF 12 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	5,245.78	2,502.77
<i>For Work In Restricted Working Space, Add</i>	1,251.58	
27 15 13 00-0233 MLF 24 Pair #18 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	7,335.48	3,697.59
<i>For Work In Restricted Working Space, Add</i>	1,848.79	
27 15 13 00-0234 #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0201)</small>		
27 15 13 00-0235 MLF 1 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,157.37	1,228.56
<i>For Work In Restricted Working Space, Add</i>	613.88	
27 15 13 00-0236 MLF 2 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,309.09	1,272.23
<i>For Work In Restricted Working Space, Add</i>	635.92	
27 15 13 00-0237 MLF 3 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,676.51	1,448.87
<i>For Work In Restricted Working Space, Add</i>	724.04	
27 15 13 00-0238 MLF 4 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,879.51	1,523.10
<i>For Work In Restricted Working Space, Add</i>	761.55	
27 15 13 00-0239 MLF 5 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,079.74	1,597.73
<i>For Work In Restricted Working Space, Add</i>	799.06	
27 15 13 00-0240 MLF 6 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,312.28	1,698.94
<i>For Work In Restricted Working Space, Add</i>	849.08	
27 15 13 00-0241 MLF 8 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	3,666.77	1,890.67
<i>For Work In Restricted Working Space, Add</i>	945.53	
27 15 13 00-0242 MLF 12 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	4,469.67	2,276.51
<i>For Work In Restricted Working Space, Add</i>	1,137.86	
27 15 13 00-0243 MLF 24 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,618.15	3,362.17
<i>For Work In Restricted Working Space, Add</i>	1,680.88	
27 15 13 00-0244 MLF 25 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	6,865.69	3,441.55
<i>For Work In Restricted Working Space, Add</i>	1,720.77	
27 15 13 00-0245 MLF 36 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,063.10	4,007.21
<i>For Work In Restricted Working Space, Add</i>	2,003.61	
27 15 13 00-0246 MLF 40 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	8,638.46	4,289.04
<i>For Work In Restricted Working Space, Add</i>	2,144.72	
27 15 13 00-0247 MLF 50 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	10,620.05	5,360.81
<i>For Work In Restricted Working Space, Add</i>	2,680.00	
27 15 13 00-0248 MLF 100 Pair #20 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	14,148.43	7,057.77
<i>For Work In Restricted Working Space, Add</i>	3,528.47	
27 15 13 00-0249 #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed <small>(27 15 13 00-0201)</small>		
27 15 13 00-0250 MLF 1 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	1,915.50	1,105.50
<i>For Work In Restricted Working Space, Add</i>	552.56	
27 15 13 00-0251 MLF 2 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,008.13	1,145.21
<i>For Work In Restricted Working Space, Add</i>	572.21	
27 15 13 00-0252 MLF 3 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,118.13	1,184.90
<i>For Work In Restricted Working Space, Add</i>	592.45	
27 15 13 00-0253 MLF 4 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,234.42	1,224.59
<i>For Work In Restricted Working Space, Add</i>	612.69	
27 15 13 00-0254 MLF 5 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,417.04	1,307.95
<i>For Work In Restricted Working Space, Add</i>	653.78	
27 15 13 00-0255 MLF 6 Pair #22 AWG, Solid, Non-Shielded, Non-Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed Exposed	2,603.57	1,385.36
<i>For Work In Restricted Working Space, Add</i>	693.08	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0256			Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench <small>(27 15 13 00-0001)</small> Note: Excludes excavation.		
27 15 13 00-0257	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	1,701.49		
27 15 13 00-0258	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,050.92		
27 15 13 00-0259	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,358.77		
27 15 13 00-0260	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	2,684.50		
27 15 13 00-0261	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,044.13		
27 15 13 00-0262	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Buried In Trench	3,373.48		
27 15 13 00-0263			Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial) <small>(27 15 13 00-0001)</small>		
27 15 13 00-0264	MLF	1 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	1,796.08	543.48	
27 15 13 00-0265	MLF	2 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,201.10	582.26	
27 15 13 00-0266	MLF	3 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	2,867.61	736.10	
27 15 13 00-0267	MLF	4 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	3,448.61	851.38	
27 15 13 00-0268	MLF	5 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	10,015.48	970.40	
27 15 13 00-0269	MLF	6 Pair, #14 AWG, Solid, Shielded, Low Voltage, Alarm And Communications Cable, Installed On Poles (Aerial)	11,906.37	1,239.75	
27 15 13 00-0270			Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0001)</small>		
27 15 13 00-0271	MLF	1 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,542.40	767.10	
27 15 13 00-0272	MLF	2 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,945.05	794.89	
27 15 13 00-0273	MLF	3 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,223.90	822.68	
27 15 13 00-0274	MLF	4 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,364.59	850.47	
27 15 13 00-0275	MLF	5 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,908.90	907.03	
27 15 13 00-0276	MLF	6 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,158.24	964.58	
27 15 13 00-0277	MLF	8 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,032.02	1,079.70	
27 15 13 00-0278	MLF	12 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,958.66	1,422.07	
27 15 13 00-0279	MLF	24 Pair #16 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	7,564.62	2,100.85	
27 15 13 00-0280	MLF	1 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,324.71	674.81	
27 15 13 00-0281	MLF	2 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,654.43	699.62	
27 15 13 00-0282	MLF	3 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,924.61	724.43	
27 15 13 00-0283	MLF	4 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,050.88	748.25	
27 15 13 00-0284	MLF	5 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,514.75	798.86	
27 15 13 00-0285	MLF	6 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,853.97	849.48	
27 15 13 00-0286	MLF	8 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,229.46	949.70	
27 15 13 00-0287	MLF	12 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,157.65	1,251.39	
27 15 13 00-0288	MLF	24 Pair #18 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,735.89	1,848.80	
27 15 13 00-0289	MLF	1 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,159.59	614.28	
27 15 13 00-0290	MLF	2 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,365.01	636.11	
27 15 13 00-0291	MLF	3 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,563.68	657.94	
27 15 13 00-0292	MLF	4 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,683.81	680.77	
27 15 13 00-0293	MLF	5 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	1,842.66	726.42	
27 15 13 00-0294	MLF	6 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,025.27	772.07	
27 15 13 00-0295	MLF	8 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	2,268.82	863.37	
27 15 13 00-0296	MLF	12 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	3,161.71	1,138.26	
27 15 13 00-0297	MLF	24 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	4,833.95	1,681.08	
27 15 13 00-0298	MLF	25 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	5,129.66	1,720.78	
27 15 13 00-0299	MLF	36 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit	6,082.16	2,003.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0300 MLF 40 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,556.37	2,144.52
27 15 13 00-0301 MLF 50 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,843.53	2,680.41
27 15 13 00-0302 MLF 100 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	10,659.38	3,528.88
27 15 13 00-0303 MLF 250 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	20,837.70	6,500.06
27 15 13 00-0304 MLF 500 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	32,155.41	8,601.91
27 15 13 00-0305 MLF 750 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	43,468.31	10,839.71
27 15 13 00-0306 MLF 1200 Pair #20 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	61,458.19	14,868.76
27 15 13 00-0307 MLF 1 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,110.43	614.28
27 15 13 00-0308 MLF 2 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,255.05	636.11
27 15 13 00-0309 MLF 3 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,395.38	657.94
27 15 13 00-0310 MLF 4 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,485.80	680.77
27 15 13 00-0311 MLF 5 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,614.95	726.42
27 15 13 00-0312 MLF 6 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,758.93	772.07
27 15 13 00-0313 MLF 8 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,969.80	863.37
27 15 13 00-0314 MLF 12 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,705.80	1,138.26
27 15 13 00-0315 MLF 24 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,101.61	1,681.08
27 15 13 00-0316 MLF 25 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,314.72	1,720.78
27 15 13 00-0317 MLF 36 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,112.27	2,003.61
27 15 13 00-0318 MLF 40 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,481.94	2,144.52
27 15 13 00-0319 MLF 50 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,626.76	2,680.41
27 15 13 00-0320 MLF 100 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,937.54	3,528.88
27 15 13 00-0321 MLF 250 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	17,193.85	6,500.06
27 15 13 00-0322 MLF 500 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	25,722.13	8,601.91
27 15 13 00-0323 MLF 750 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	34,298.38	10,839.71
27 15 13 00-0324 MLF 1200 Pair #22 AWG, Solid, Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	48,219.71	14,868.76
27 15 13 00-0325 Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit <small>(27 15 13 00-0001)</small>		
27 15 13 00-0326 MLF 1 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,514.80	767.10
27 15 13 00-0327 MLF 2 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,747.34	794.89
27 15 13 00-0328 MLF 3 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,890.49	822.68
27 15 13 00-0329 MLF 4 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,083.40	850.47
27 15 13 00-0330 MLF 5 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,309.67	907.03
27 15 13 00-0331 MLF 6 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,533.96	964.58
27 15 13 00-0332 MLF 8 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,066.75	1,079.70
27 15 13 00-0333 MLF 12 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,979.63	1,422.07
27 15 13 00-0334 MLF 24 Pair #16 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,939.73	2,100.85
27 15 13 00-0335 MLF 1 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,325.65	674.81
27 15 13 00-0336 MLF 2 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,525.19	699.62
27 15 13 00-0337 MLF 3 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,648.76	724.43
27 15 13 00-0338 MLF 4 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,813.77	748.25
27 15 13 00-0339 MLF 5 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,008.62	798.86
27 15 13 00-0340 MLF 6 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,202.50	849.48

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0341	MLF		8 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,660.28	949.70
27 15 13 00-0342	MLF		12 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,453.50	1,251.39
27 15 13 00-0343	MLF		24 Pair #18 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,153.31	1,848.80
27 15 13 00-0344	MLF		1 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,164.52	614.28
27 15 13 00-0345	MLF		2 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,336.12	636.11
27 15 13 00-0346	MLF		3 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,455.73	657.94
27 15 13 00-0347	MLF		4 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,674.45	680.77
27 15 13 00-0348	MLF		5 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,863.99	726.42
27 15 13 00-0349	MLF		6 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,232.57	772.07
27 15 13 00-0350	MLF		8 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,495.27	863.37
27 15 13 00-0351	MLF		12 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	3,147.76	1,138.26
27 15 13 00-0352	MLF		24 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,751.59	1,681.08
27 15 13 00-0353	MLF		25 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,036.86	1,720.78
27 15 13 00-0354	MLF		36 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,997.23	2,003.61
27 15 13 00-0355	MLF		40 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,434.03	2,144.52
27 15 13 00-0356	MLF		50 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	7,704.97	2,680.41
27 15 13 00-0357	MLF		100 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	10,463.31	3,528.88
27 15 13 00-0358	MLF		250 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	20,423.82	6,500.06
27 15 13 00-0359	MLF		500 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	31,424.15	8,601.91
27 15 13 00-0360	MLF		750 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	42,425.98	10,839.71
27 15 13 00-0361	MLF		1200 Pair #20 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	59,952.99	14,867.76
27 15 13 00-0362	MLF		1 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,113.58	614.28
27 15 13 00-0363	MLF		2 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,236.58	636.11
27 15 13 00-0364	MLF		3 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,326.33	657.94
27 15 13 00-0365	MLF		4 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,479.81	680.77
27 15 13 00-0366	MLF		5 Pair #22 AWG, Solid, Low Voltage, Plenum Rated, Non-Shielded, Installed In Conduit.....	1,628.60	726.42
27 15 13 00-0367	MLF		6 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	1,891.55	772.07
27 15 13 00-0368	MLF		8 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,114.66	863.37
27 15 13 00-0369	MLF		12 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	2,696.88	1,138.26
27 15 13 00-0370	MLF		24 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,048.92	1,681.08
27 15 13 00-0371	MLF		25 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	4,255.36	1,720.78
27 15 13 00-0372	MLF		36 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,039.52	2,003.61
27 15 13 00-0373	MLF		40 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	5,403.68	2,144.52
27 15 13 00-0374	MLF		50 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	6,538.13	2,680.41
27 15 13 00-0375	MLF		100 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	8,812.12	3,528.88
27 15 13 00-0376	MLF		250 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	16,929.14	6,500.06
27 15 13 00-0377	MLF		500 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	25,254.56	8,601.91
27 15 13 00-0378	MLF		750 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	33,632.51	10,839.71
27 15 13 00-0379	MLF		1200 Pair #22 AWG, Solid, Non-Shielded, Plenum Rated, Low Voltage, Alarm And Communications Cable, Installed In Conduit.....	47,258.27	14,868.76

27 15 13 00-0380 Copper Telecommunications Cable (27 15 13)

27 15 13 00-0381 Indoor Telecommunications Cable (27 15 13 00-0380)

Note: Shielded twisted pair cables (STP) includes a metallic foil wrap. Un-shielded twisted pair cables (UTP) excludes any shielding.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0382 Category 3, Indoor Telecommunications Cable <small>(27 15 13 00-0381)</small> Note: Un-shielded twisted pair cables (UTP).		
27 15 13 00-0383 Category 3, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0382)</small>		
27 15 13 00-0384 24 AWG, Category 3, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0383)</small>		
27 15 13 00-0385 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0384)</small>		
27 15 13 00-0386 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	865.54	456.24
27 15 13 00-0387 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	910.41	456.24
27 15 13 00-0388 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	926.27	456.24
27 15 13 00-0389 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,124.18	521.42
27 15 13 00-0390 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,454.48	521.42
27 15 13 00-0391 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	1,978.96	521.42
27 15 13 00-0392 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,187.86	651.77
27 15 13 00-0393 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	5,789.97	1,042.83
27 15 13 00-0394 MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	7,883.16	1,173.18
27 15 13 00-0395 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	10,520.33	1,303.55
27 15 13 00-0396 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	15,402.24	1,824.96
27 15 13 00-0397 MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	20,212.57	2,255.13
27 15 13 00-0398 MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	32,109.73	3,128.51
27 15 13 00-0399 MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	51,941.01	6,257.00
27 15 13 00-0400 MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	70,456.72	9,385.50
27 15 13 00-0401 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0384)</small>		
27 15 13 00-0402 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,625.94	912.48
For Work In Restricted Working Space, Add	456.24	
27 15 13 00-0403 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,670.81	912.48
For Work In Restricted Working Space, Add	456.24	
27 15 13 00-0404 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,686.67	912.48
For Work In Restricted Working Space, Add	456.24	
27 15 13 00-0405 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	1,775.96	912.48
For Work In Restricted Working Space, Add	456.24	
27 15 13 00-0406 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,106.26	912.48
For Work In Restricted Working Space, Add	456.24	
27 15 13 00-0407 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	2,848.00	1,042.83
For Work In Restricted Working Space, Add	521.42	
27 15 13 00-0408 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,274.14	1,303.55
For Work In Restricted Working Space, Add	651.77	
27 15 13 00-0409 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,658.99	1,564.25
For Work In Restricted Working Space, Add	782.12	
27 15 13 00-0410 MLF 150-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	8,860.82	1,759.78
For Work In Restricted Working Space, Add	879.89	
27 15 13 00-0411 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	11,606.62	1,955.31
For Work In Restricted Working Space, Add	977.66	
27 15 13 00-0412 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	16,923.04	2,737.44
For Work In Restricted Working Space, Add	1,368.72	
27 15 13 00-0413 MLF 400-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	22,102.70	3,389.21
For Work In Restricted Working Space, Add	1,694.60	
27 15 13 00-0414 MLF 600-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	34,716.81	4,692.75
For Work In Restricted Working Space, Add	2,346.38	
27 15 13 00-0415 MLF 900-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	57,155.18	9,385.50
For Work In Restricted Working Space, Add	4,692.75	
27 15 13 00-0416 MLF 1,200-Pair 24 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	78,277.98	14,078.26
For Work In Restricted Working Space, Add	7,039.13	
27 15 13 00-0417 22 AWG, Category 3, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0383)</small>		
27 15 13 00-0418 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0417)</small>		
27 15 13 00-0419 MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	3,285.30	521.42
27 15 13 00-0420 MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	4,921.81	651.77
27 15 13 00-0421 MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	9,022.24	1,042.83
27 15 13 00-0422 MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	16,150.32	1,303.55
27 15 13 00-0423 MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	23,774.88	1,824.96
27 15 13 00-0424 MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	30,996.35	2,255.13
27 15 13 00-0425 MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed In Conduit	46,006.23	3,128.51
27 15 13 00-0426 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0417)</small>		
27 15 13 00-0427 MLF 25-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	4,154.34	1,042.83
For Work In Restricted Working Space, Add	521.42	
27 15 13 00-0428 MLF 50-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	6,008.09	1,303.55
For Work In Restricted Working Space, Add	651.77	
27 15 13 00-0429 MLF 100-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	9,891.26	1,564.25
For Work In Restricted Working Space, Add	782.12	
27 15 13 00-0430 MLF 200-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed	17,236.61	1,955.31
For Work In Restricted Working Space, Add	977.66	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0431 MLF 300-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	25,295.68 1,368.72	2,737.44
27 15 13 00-0432 MLF 400-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	32,886.48 1,694.60	3,389.21
27 15 13 00-0433 MLF 600-Pair 22 AWG, Category 3, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	48,613.31 2,346.38	4,692.75
27 15 13 00-0434 Category 3, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0382)</small>		
27 15 13 00-0435 24 AWG, Category 3, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0434)</small>		
27 15 13 00-0436 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0435)</small>		
27 15 13 00-0437 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	901.83	456.24
27 15 13 00-0438 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	946.52	456.24
27 15 13 00-0439 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	979.94	456.24
27 15 13 00-0440 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,184.45	521.42
27 15 13 00-0441 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,544.50	521.42
27 15 13 00-0442 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	2,520.51	521.42
27 15 13 00-0443 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,290.41	651.77
27 15 13 00-0444 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	8,100.11	1,042.83
27 15 13 00-0445 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	14,140.46	1,303.55
27 15 13 00-0446 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed In Conduit	21,220.32	1,824.96
27 15 13 00-0447 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0435)</small>		
27 15 13 00-0448 MLF 2-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,662.23 456.24	912.48
27 15 13 00-0449 MLF 3-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,706.92 456.24	912.48
27 15 13 00-0450 MLF 4-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,740.34 456.24	912.48
27 15 13 00-0451 MLF 6-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,836.23 456.24	912.48
27 15 13 00-0452 MLF 12-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,196.28 456.24	912.48
27 15 13 00-0453 MLF 25-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,389.55 521.42	1,042.83
27 15 13 00-0454 MLF 50-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	5,376.69 651.77	1,303.55
27 15 13 00-0455 MLF 100-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	8,969.13 782.12	1,564.25
27 15 13 00-0456 MLF 200-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	15,226.75 977.66	1,955.31
27 15 13 00-0457 MLF 300-Pair 24 AWG, Category 3, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	22,741.12 1,368.72	2,737.44
27 15 13 00-0458 Category 5E, Indoor Telecommunications Cable <small>(27 15 13 00-0381)</small>		
27 15 13 00-0459 Category 5E, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0458)</small>		
27 15 13 00-0460 Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0459)</small>		
27 15 13 00-0461 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	908.53	456.24
27 15 13 00-0462 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	943.23	456.24
27 15 13 00-0463 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,052.51	521.42
27 15 13 00-0464 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed In Conduit	1,087.20	521.42
27 15 13 00-0465 Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0459)</small>		
27 15 13 00-0466 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,668.93 456.24	912.48
27 15 13 00-0467 MLF 4-Pair Stranded UTP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,703.63 456.24	912.48
27 15 13 00-0468 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,921.55 521.42	1,042.83
27 15 13 00-0469 MLF 4-Pair Stranded STP, 24 AWG, Category 5E, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,956.24 521.42	1,042.83
27 15 13 00-0470 Category 5E, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0458)</small>		
27 15 13 00-0471 Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0470)</small>		
27 15 13 00-0472 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,036.12	456.24
27 15 13 00-0473 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,415.85	521.42
27 15 13 00-0474 Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0470)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0475 MLF 4-Pair Solid UTP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,796.52 456.24	912.48
27 15 13 00-0476 MLF 4-Pair Solid STP, 24 AWG, Category 5E, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,284.89 521.42	1,042.83
27 15 13 00-0477 Category 6, Indoor Telecommunications Cable <small>(27 15 13 00-0381)</small>		
27 15 13 00-0478 Category 6, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0477)</small>		
27 15 13 00-0479 Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0478)</small>		
27 15 13 00-0480 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,207.39	456.24
27 15 13 00-0481 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed In Conduit	1,257.37	456.24
27 15 13 00-0482 Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0478)</small>		
27 15 13 00-0483 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,967.79 456.24	912.48
27 15 13 00-0484 MLF 4-Pair Stranded UTP, 23 AWG, Category 6, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,017.77 456.24	912.48
27 15 13 00-0485 Category 6, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0477)</small>		
27 15 13 00-0486 Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0485)</small>		
27 15 13 00-0487 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed In Conduit	1,458.88	456.24
27 15 13 00-0488 Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0485)</small>		
27 15 13 00-0489 MLF 4-Pair Solid UTP, 23 AWG, Category 6, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,219.28 456.24	912.48
27 15 13 00-0490 Category 6a, Indoor Telecommunications Cable <small>(27 15 13 00-0381)</small>		
27 15 13 00-0491 Category 6a, Indoor Telecommunications Riser Cable <small>(27 15 13 00-0490)</small>		
27 15 13 00-0492 Category 6a Indoor Telecommunications Riser Cable, Installed In Conduit <small>(27 15 13 00-0491)</small>		
27 15 13 00-0493 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed In Conduit.....	1,287.25	456.24
27 15 13 00-0494 Category 6a, Indoor Telecommunications Riser Cable, Installed Exposed <small>(27 15 13 00-0491)</small>		
27 15 13 00-0495 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Riser Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,047.65 456.24	912.48
27 15 13 00-0496 Category 6a, Indoor Telecommunications Plenum Cable <small>(27 15 13 00-0490)</small>		
27 15 13 00-0497 Category 6a, Indoor Telecommunications Plenum Cable, Installed In Conduit <small>(27 15 13 00-0496)</small>		
27 15 13 00-0498 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed In Conduit.....	1,640.42	456.24
27 15 13 00-0499 Category 6a, Indoor Telecommunications Plenum Cable, Installed Exposed <small>(27 15 13 00-0496)</small>		
27 15 13 00-0500 MLF 4-Pair Solid UTP, 23 AWG, Category 6A, Indoor Telecommunications Plenum Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,400.82 456.24	912.48
27 15 13 00-0501 Category 7, Indoor Telecommunications Cable <small>(27 15 13 00-0381)</small>		
27 15 13 00-0502 Category 7, Indoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0501)</small>		
27 15 13 00-0503 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed In Conduit	2,900.05	521.42
27 15 13 00-0504 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed In Conduit	4,676.95	521.42
27 15 13 00-0505 Category 7, Indoor Telecommunications Cable, Installed Exposed <small>(27 15 13 00-0501)</small>		
27 15 13 00-0506 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Riser Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,769.09 521.42	1,042.83
27 15 13 00-0507 MLF 4-Pair Solid STP, 22 AWG, Category 7, Indoor Telecommunications Plenum Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	5,545.99 521.42	1,042.83
27 15 13 00-0508 Outdoor Telecommunications Cable <small>(27 15 13 00-0380)</small> Note: Cable buried in trench excludes excavation.		
27 15 13 00-0509 PE-89 Outdoor Telecommunications Cable <small>(27 15 13 00-0508)</small> Note: Includes foam-skin polyolefin insulated conductors.		
27 15 13 00-0510 24 AWG, PE-89 Outdoor Telecommunications Cable <small>(27 15 13 00-0509)</small>		

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0511			24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit ⁽²⁷⁾		
			^{15 13 00-0510}		
27 15 13 00-0512	MLF		6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,738.00	521.42
27 15 13 00-0513	MLF		12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,105.55	912.48
27 15 13 00-0514	MLF		25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,005.97	586.60
27 15 13 00-0515	MLF		50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	4,622.99	651.77
27 15 13 00-0516	MLF		75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,556.74	912.48
27 15 13 00-0517	MLF		100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	8,276.74	1,042.83
27 15 13 00-0518	MLF		200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	14,362.88	1,173.18
27 15 13 00-0519	MLF		300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	21,121.30	1,694.61
27 15 13 00-0520	MLF		400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	27,993.93	2,216.03
27 15 13 00-0521	MLF		600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	38,021.31	2,998.14
27 15 13 00-0522	MLF		900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	59,736.18	5,996.29
27 15 13 00-0523	MLF		1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	81,485.11	8,864.08
27 15 13 00-0524			24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench ^(27 15 13)		
			⁰⁰⁻⁰⁵¹⁰		
27 15 13 00-0525	MLF		6-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,575.06	
27 15 13 00-0526	MLF		12-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,942.61	
27 15 13 00-0527	MLF		25-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,788.71	
27 15 13 00-0528	MLF		50-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	4,405.72	
27 15 13 00-0529	MLF		75-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,230.86	
27 15 13 00-0530	MLF		100-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	7,733.60	
27 15 13 00-0531	MLF		200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	14,145.63	
27 15 13 00-0532	MLF		300-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	20,469.52	
27 15 13 00-0533	MLF		400-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	26,636.07	
27 15 13 00-0534	MLF		600-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	35,631.48	
27 15 13 00-0535	MLF		900-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	53,218.46	
27 15 13 00-0536	MLF		1,200-Pair 24 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	71,925.80	
27 15 13 00-0537			22 AWG, PE-89 Outdoor Telecommunications Cable ^(27 15 13 00-0509)		
27 15 13 00-0538			22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit ⁽²⁷⁾		
			^{15 13 00-0537}		
27 15 13 00-0539	MLF		6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	1,971.67	521.42
27 15 13 00-0540	MLF		12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	2,542.11	521.42
27 15 13 00-0541	MLF		25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	3,899.57	586.60
27 15 13 00-0542	MLF		50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,213.49	651.77
27 15 13 00-0543	MLF		75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	9,042.25	912.48
27 15 13 00-0544	MLF		100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,655.73	1,042.83
27 15 13 00-0545	MLF		200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	20,881.42	1,173.18
27 15 13 00-0546	MLF		300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	30,418.05	1,694.61
27 15 13 00-0547	MLF		400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	40,526.75	2,216.03
27 15 13 00-0548	MLF		600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	59,907.56	2,998.14
27 15 13 00-0549	MLF		900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	87,376.71	5,996.29
27 15 13 00-0550	MLF		1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	122,837.88	8,864.08
27 15 13 00-0551			22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench ^(27 15 13)		
			⁰⁰⁻⁰⁵³⁷		
27 15 13 00-0552	MLF		6-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	1,808.73	
27 15 13 00-0553	MLF		12-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	2,379.17	
27 15 13 00-0554	MLF		25-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	3,682.31	
27 15 13 00-0555	MLF		50-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	5,996.22	
27 15 13 00-0556	MLF		75-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	8,716.37	
27 15 13 00-0557	MLF		100-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,329.84	
27 15 13 00-0558	MLF		200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	20,664.17	
27 15 13 00-0559	MLF		300-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	29,766.27	
27 15 13 00-0560	MLF		400-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	39,168.89	
27 15 13 00-0561	MLF		600-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	57,517.73	
27 15 13 00-0562	MLF		900-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	80,858.99	
27 15 13 00-0563	MLF		1,200-Pair 22 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	113,278.57	
27 15 13 00-0564			19 AWG, PE-89 Outdoor Telecommunications Cable ^(27 15 13 00-0509)		
27 15 13 00-0565			19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit ⁽²⁷⁾		
			^{15 13 00-0564}		
27 15 13 00-0566	MLF		25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	6,654.34	586.60
27 15 13 00-0567	MLF		50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	11,598.18	651.77
27 15 13 00-0568	MLF		75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	18,620.63	912.48
27 15 13 00-0569	MLF		100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Installed In Conduit	22,321.25	1,042.83
27 15 13 00-0570			19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench ^(27 15 13)		
			⁰⁰⁻⁰⁵⁶⁴		
27 15 13 00-0571	MLF		25-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	6,437.08	
27 15 13 00-0572	MLF		50-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	11,380.91	
27 15 13 00-0573	MLF		75-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	18,294.75	
27 15 13 00-0574	MLF		100-Pair 19 AWG, PE-89 Outdoor Telecommunications Cable, Buried In Trench	21,995.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0575	PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0508)</small>	
	Note: Includes solid polyolefin insulated conductors.	
27 15 13 00-0576	24 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0575)</small>	
27 15 13 00-0577	24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0576)</small>	
27 15 13 00-0578	MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,422.64 912.48
27 15 13 00-0579	MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,872.30 912.48
27 15 13 00-0580	MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,779.48 912.48
27 15 13 00-0581	MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	5,413.12 912.48
27 15 13 00-0582	MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	8,726.40 912.48
27 15 13 00-0583	MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	15,888.11 1,173.18
27 15 13 00-0584	MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	23,201.78 1,694.61
27 15 13 00-0585	MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	30,528.97 2,216.03
27 15 13 00-0586	MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	41,722.66 2,998.14
27 15 13 00-0587	MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	64,522.95 5,996.29
27 15 13 00-0588	MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	93,900.06 8,864.08
27 15 13 00-0589	24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0576)</small>	
27 15 13 00-0590	MLF 6-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,096.76
27 15 13 00-0591	MLF 12-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,546.42
27 15 13 00-0592	MLF 25-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,453.60
27 15 13 00-0593	MLF 50-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	5,087.24
27 15 13 00-0594	MLF 100-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	8,400.52
27 15 13 00-0595	MLF 200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	15,670.86
27 15 13 00-0596	MLF 300-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	22,550.00
27 15 13 00-0597	MLF 400-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	29,171.11
27 15 13 00-0598	MLF 600-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	39,332.83
27 15 13 00-0599	MLF 900-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	58,005.23
27 15 13 00-0600	MLF 1,200-Pair 24 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	84,340.75
27 15 13 00-0601	22 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0575)</small>	
27 15 13 00-0602	22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0601)</small>	
27 15 13 00-0603	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	2,682.60 912.48
27 15 13 00-0604	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	3,343.36 912.48
27 15 13 00-0605	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	4,749.49 912.48
27 15 13 00-0606	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,336.27 912.48
27 15 13 00-0607	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	12,734.54 912.48
27 15 13 00-0608	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	23,601.70 1,173.18
27 15 13 00-0609	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	34,587.99 1,694.61
27 15 13 00-0610	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	44,300.37 2,216.03
27 15 13 00-0611	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	61,900.93 2,998.14
27 15 13 00-0612	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	97,196.25 5,996.29
27 15 13 00-0613	22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0601)</small>	
27 15 13 00-0614	MLF 6-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	2,356.72
27 15 13 00-0615	MLF 12-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	3,017.48
27 15 13 00-0616	MLF 25-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	4,423.61
27 15 13 00-0617	MLF 50-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,010.39
27 15 13 00-0618	MLF 100-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,408.66
27 15 13 00-0619	MLF 200-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	23,384.45
27 15 13 00-0620	MLF 300-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	33,936.21
27 15 13 00-0621	MLF 400-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	42,942.51
27 15 13 00-0622	MLF 600-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	59,511.10
27 15 13 00-0623	MLF 900-Pair 22 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	90,678.53
27 15 13 00-0624	19 AWG, PE-39 Outdoor Telecommunications Cable <small>(27 15 13 00-0575)</small>	
27 15 13 00-0625	19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit <small>(27 15 13 00-0624)</small>	
27 15 13 00-0626	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	7,864.40 912.48
27 15 13 00-0627	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	13,110.73 912.48
27 15 13 00-0628	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Installed In Conduit	23,989.77 912.48
27 15 13 00-0629	19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench <small>(27 15 13 00-0624)</small>	
27 15 13 00-0630	MLF 25-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	7,538.52
27 15 13 00-0631	MLF 50-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	12,784.85
27 15 13 00-0632	MLF 100-Pair 19 AWG, PE-39 Outdoor Telecommunications Cable, Buried In Trench	23,663.89
27 15 13 00-0633	(Aerial) Outdoor Telecommunications Cable <small>(27 15 13 00-0508)</small>	
	Note: Includes support wire.	
27 15 13 00-0634	24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles <small>(27 15 13 00-0633)</small>	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0635 MLF 6-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,108.98	1,863.24
27 15 13 00-0636 MLF 12-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,483.12	1,863.24
27 15 13 00-0637 MLF 25-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,412.04	1,863.24
27 15 13 00-0638 MLF 50-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	10,131.91	1,863.24
27 15 13 00-0639 MLF 100-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	13,453.83	1,863.24
27 15 13 00-0640 MLF 200-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	20,486.10	2,049.56
27 15 13 00-0641 MLF 300-Pair 24 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	27,559.48	2,235.88
27 15 13 00-0642 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles ⁽²⁷⁾		
^{15 13 00-0633)}		
27 15 13 00-0643 MLF 6-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	7,556.60	1,863.24
27 15 13 00-0644 MLF 12-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,109.37	1,863.24
27 15 13 00-0645 MLF 25-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,440.78	1,863.24
27 15 13 00-0646 MLF 50-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	12,071.09	1,863.24
27 15 13 00-0647 MLF 100-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	17,900.15	1,863.24
27 15 13 00-0648 MLF 200-Pair 22 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	28,447.77	2,049.56
27 15 13 00-0649 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles ⁽²⁷⁾		
^{15 13 00-0633)}		
27 15 13 00-0650 MLF 6-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	8,148.39	1,863.24
27 15 13 00-0651 MLF 12-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	9,398.46	1,863.24
27 15 13 00-0652 MLF 25-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	11,856.30	1,863.24
27 15 13 00-0653 MLF 50-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	16,772.02	1,863.24
27 15 13 00-0654 MLF 100-Pair 19 AWG, (Aerial) Outdoor Telecommunications Cable, Installed On Poles	26,689.69	1,863.24
27 15 13 00-0655 Category 5E, Outdoor Telecommunications Cable ^(27 15 13 00-0508)		
27 15 13 00-0656 Category 5E, Outdoor Telecommunications Cable ^(27 15 13 00-0655)		
27 15 13 00-0657 Category 5E, Outdoor Telecommunications Cable, Installed In Conduit ^(27 15 13 00-0656)		
27 15 13 00-0658 MLF 4-Pair 24 AWG, Ultra II Enhanced Category 5E, Flooded Outdoor Telecommunications Cable, Installed In Conduit.....	2,288.20	1,042.83
27 15 13 00-0659 Category 5E, Outdoor Telecommunications Cable, Buried In Trench ^(27 15 13 00-0656)		
27 15 13 00-0660 MLF 4-Pair 24 AWG, Ultra II Enhanced Category 5E, Flooded Outdoor Telecommunications Cable, Buried In Trench	1,962.32	
27 15 13 00-0661 Category 6, Outdoor Telecommunications Cable ^(27 15 13 00-0508)		
27 15 13 00-0662 Category 6, Outdoor Telecommunications Cable ^(27 15 13 00-0661)		
27 15 13 00-0663 Category 6, Outdoor Telecommunications Cable, Installed In Conduit ^(27 15 13 00-0662)		
27 15 13 00-0664 MLF 4-Pair 24 AWG, UltraMedia Category 6, Flooded Outdoor Telecommunications Cable, Installed In Conduit.....	2,676.08	1,042.83
27 15 13 00-0665 Category 6, Outdoor Telecommunications Cable, Buried In Trench ^(27 15 13 00-0662)		
27 15 13 00-0666 MLF 4-Pair 24 AWG, UltraMedia Category 6, Flooded Outdoor Telecommunications Cable, Buried In Trench.....	2,350.20	
27 15 13 00-0667 Sound System Cables ^(27 15 13)		
Note: Cables shall be type CL2 or CM and as manufactured by West Penn Wire, Belden or approved equal.		
27 15 13 00-0668 Speaker/Communications And Control Cable, Installed Exposed ^(27 15 13 00-0667)		
27 15 13 00-0669 Non-Plenum Rated Speaker/Communications And Control Cable, Installed Exposed ^(27 15 13 00-0668)		
27 15 13 00-0670 MLF 2 Conductor, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,706.95	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	
27 15 13 00-0671 MLF 2 Conductor, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,599.82	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	
27 15 13 00-0672 MLF 2 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,517.19	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	
27 15 13 00-0673 MLF 4 Conductor, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,607.55	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	
27 15 13 00-0674 MLF 4 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,897.99	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	
27 15 13 00-0675 MLF 6 Conductor, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,187.46	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	
27 15 13 00-0676 MLF 4 Conductor, #20 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,899.21	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	
27 15 13 00-0677 MLF 4 Conductor, #22 AWG, Stranded, 2 Shielded, 2 Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,759.75	694.66
<i>For Work In Restricted Working Space, Add</i>	416.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 13 00-0678 Plenum Rated Speaker/Communications And Control Cable, Installed Exposed <small>(27 15 13 00-0668)</small>		
27 15 13 00-0679 MLF 2 Conductor, #16 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,751.21	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0680 MLF 2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,627.97	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0681 MLF 2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,558.21	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0682 MLF 4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,674.61	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0683 MLF 8 Conductors, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,920.52	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0684 MLF 2 Conductors, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,893.39	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0685 MLF 2 Conductors, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,722.93	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0686 MLF 4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,012.68	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0687 MLF 6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	2,301.64	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0688 MLF 2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,593.19	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0689 MLF 2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed Exposed	1,650.77	694.66
<i>For Work In Restricted Working Space, Add</i>	<i>416.80</i>	
27 15 13 00-0690 Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0667)</small>		
27 15 13 00-0691 Non-Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0690)</small>		
27 15 13 00-0692 MLF 2 Conductors, #16 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,012.28	347.33
27 15 13 00-0693 MLF 2 Conductors, #18 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	905.15	347.33
27 15 13 00-0694 MLF 2 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	822.52	347.33
27 15 13 00-0695 MLF 4 Conductors, #22 AWG, Stranded, Unshielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	912.88	347.33
27 15 13 00-0696 MLF 4 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,203.32	347.33
27 15 13 00-0697 MLF 6 Conductors, #18 AWG, Stranded, Shielded, Non-Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,492.79	347.33
27 15 13 00-0698 MLF 4 Conductors (2 Shielded, 2 Unshielded), #20 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,204.54	347.33
27 15 13 00-0699 MLF 4 Conductors (2 Shielded, 2 Unshielded), #22 AWG, Stranded, Non-Plenum Rated, Microphone/Communications Cable, Installed In Conduit	1,065.08	347.33
27 15 13 00-0700 Plenum Rated Speaker/Communications And Control Cable, Installed In Conduit <small>(27 15 13 00-0690)</small>		
27 15 13 00-0701 MLF 2 Conductor, #6 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,056.54	347.33
27 15 13 00-0702 MLF 2 Conductor, #18 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	933.30	347.33
27 15 13 00-0703 MLF 2 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	863.54	347.33
27 15 13 00-0704 MLF 4 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	979.94	347.33
27 15 13 00-0705 MLF 8 Conductor, #22 AWG, Stranded, Unshielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,225.85	347.33
27 15 13 00-0706 MLF 2 Conductor, #16 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,198.72	347.33
27 15 13 00-0707 MLF 2 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,028.26	347.33
27 15 13 00-0708 MLF 4 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,318.01	347.33
27 15 13 00-0709 MLF 6 Conductor, #18 AWG, Stranded, Shielded, Plenum Rated, Speaker/Communications And Control Cable, Installed In Conduit	1,606.97	347.33
27 15 13 00-0710 MLF 2 Conductor, #20 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	956.10	347.33
27 15 13 00-0711 MLF 2 Conductor, #22 AWG, Stranded, Shielded, Plenum Rated, Microphone/Communications And Control Cable, Installed In Conduit	898.52	347.33

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
27 15 23 Communications Optical Fiber Horizontal Cabling (27 15)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 23 00-0001	Indoor Fiber Optic Cable (27 15 23)		
	Note: Distribution cables contain multiple tight-buffered fibers bundled under the same jacket with Kevlar strength members. Break-out cables contain multiple individually reinforced and jacketed simplex cables bundled together.		
27 15 23 00-0002	Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0001)		
	Note: Excludes conduit or innerduct.		
27 15 23 00-0003	Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0002)		
27 15 23 00-0004	Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0003)		
27 15 23 00-0005	Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0004)		
27 15 23 00-0006	MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	943.92	391.06
27 15 23 00-0007	MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,031.97	391.06
27 15 23 00-0008	MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,061.37	391.06
27 15 23 00-0009	MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,166.06	391.06
	For Aluminum Armored Cable, Add	1,338.06	
	For Steel Armored Cable, Add	1,520.56	
27 15 23 00-0010	MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,196.08	391.06
27 15 23 00-0011	MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,377.53	391.06
	For Aluminum Armored Cable, Add	1,489.57	
	For Steel Armored Cable, Add	1,595.17	
27 15 23 00-0012	MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,364.38	456.24
27 15 23 00-0013	MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,333.62	456.24
	For Aluminum Armored Cable With Sub-Units, Add	1,663.40	
	For Steel Armored Cable, Add	2,151.49	
27 15 23 00-0014	MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,070.25	456.24
	For Aluminum Armored Cable With Sub-Units, Add	1,753.53	
	For Steel Armored Cable, Add	1,961.57	
27 15 23 00-0015	MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,213.12	456.24
	For Aluminum Armored Cable With Sub-Units, Add	1,839.80	
	For Steel Armored Cable, Add	2,054.38	
27 15 23 00-0016	MLF 60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,114.06	456.24
27 15 23 00-0017	MLF 72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,353.65	456.24
27 15 23 00-0018	MLF 96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,613.90	456.24
27 15 23 00-0019	MLF 120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,888.92	521.42
27 15 23 00-0020	MLF 144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,607.47	521.42
27 15 23 00-0021	50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit (27 15 23 00-0004)		
27 15 23 00-0022	MLF 1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	969.28	391.06
27 15 23 00-0023	MLF 2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,125.79	391.06
27 15 23 00-0024	MLF 4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,407.23	391.06
27 15 23 00-0025	MLF 6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,703.49	391.06
	For Aluminum Armored Cable, Add	747.03	
	For Steel Armored Cable, Add	1,022.31	
27 15 23 00-0026	MLF 8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,984.94	391.06
27 15 23 00-0027	MLF 12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,562.65	391.06
	For Aluminum Armored Cable, Add	632.58	
	For Steel Armored Cable, Add	991.27	
27 15 23 00-0028	MLF 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,819.41	456.24
27 15 23 00-0029	MLF 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,908.04	456.24
	For Aluminum Armored Cable With Sub-Units, Add	952.11	
	For Steel Armored Cable, Add	952.11	
27 15 23 00-0030	MLF 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,981.86	456.24
27 15 23 00-0031	MLF 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,055.68	456.24
	For Aluminum Armored Cable With Sub-Units, Add	1,699.05	
27 15 23 00-0032	MLF 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,129.50	456.24
27 15 23 00-0033	MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,203.32	456.24
27 15 23 00-0034	MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,365.77	456.24
	For Aluminum Armored Cable With Sub-Units, Add	7,317.62	
27 15 23 00-0035	MLF 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	21,622.03	521.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0036 MLF 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	25,769.67	521.42
27 15 23 00-0037 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0004)		
27 15 23 00-0038 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	985.15	391.06
27 15 23 00-0039 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,149.49	391.06
27 15 23 00-0040 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,445.01	391.06
27 15 23 00-0041 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,756.08	391.06
27 15 23 00-0042 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,051.60	391.06
27 15 23 00-0043 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,658.19	391.06
27 15 23 00-0044 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,922.36	456.24
27 15 23 00-0045 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,115.42	456.24
27 15 23 00-0046 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,292.93	456.24
27 15 23 00-0047 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,470.44	456.24
27 15 23 00-0048 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,647.96	456.24
27 15 23 00-0049 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,825.47	456.24
27 15 23 00-0050 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,196.04	456.24
27 15 23 00-0051 MLF 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	22,659.68	521.42
27 15 23 00-0052 MLF 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	27,014.71	521.42
27 15 23 00-0053 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0003)		
27 15 23 00-0054 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0053)		
27 15 23 00-0055 MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,759.97	391.06
27 15 23 00-0056 MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,088.34	391.06
27 15 23 00-0057 MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,810.74	391.06
27 15 23 00-0058 MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,155.49	391.06
27 15 23 00-0059 MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,504.19	391.06
27 15 23 00-0060 MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,808.93	456.24
27 15 23 00-0061 MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,322.12	456.24
27 15 23 00-0062 MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,323.86	456.24
27 15 23 00-0063 MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,663.43	456.24
27 15 23 00-0064 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0053)		
27 15 23 00-0065 MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,256.45	391.06
27 15 23 00-0066 MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,762.40	391.06
27 15 23 00-0067 MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,596.59	391.06
27 15 23 00-0068 MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,836.44	391.06
27 15 23 00-0069 MLF 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,351.31	391.06
27 15 23 00-0070 MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,168.50	456.24
27 15 23 00-0071 MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,026.62	456.24
27 15 23 00-0072 MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,297.01	456.24
27 15 23 00-0073 MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	15,751.16	456.24
27 15 23 00-0074 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit ^(27 15 23 00-0053)		
27 15 23 00-0075 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,336.68	391.06
27 15 23 00-0076 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,867.93	391.06
27 15 23 00-0077 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,743.84	391.06
27 15 23 00-0078 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,045.68	391.06

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0079	MLF		12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,586.29	391.06
27 15 23 00-0080	MLF		18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,488.91	456.24
27 15 23 00-0081	MLF		24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,439.93	456.24
27 15 23 00-0082	MLF		36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,773.84	456.24
27 15 23 00-0083	MLF		48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	16,500.69	456.24
27 15 23 00-0084			Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 15 23 00-0002)</i>		
27 15 23 00-0085			Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 15 23 00-0084)</i>		
27 15 23 00-0086			Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 15 23 00-0085)</i>		
27 15 23 00-0087	MLF		1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,014.15	391.06
27 15 23 00-0088	MLF		2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,019.62	391.06
27 15 23 00-0089	MLF		4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,306.70	391.06
27 15 23 00-0090	MLF		6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,340.29	391.06
			<i>For Aluminum Armored Cable, Add</i>	1,256.02	
			<i>For Steel Armored Cable, Add</i>	5,330.15	
27 15 23 00-0091	MLF		8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,509.40	391.06
27 15 23 00-0092	MLF		12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,541.03	391.06
			<i>For Aluminum Armored Cable, Add</i>	1,326.10	
			<i>For Steel Armored Cable, Add</i>	5,700.76	
27 15 23 00-0093	MLF		18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,659.44	456.24
27 15 23 00-0094	MLF		24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,746.58	456.24
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,084.57	
			<i>For Steel Armored Cable, Add</i>	5,568.60	
27 15 23 00-0095	MLF		36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,624.11	456.24
27 15 23 00-0096	MLF		48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,826.81	456.24
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,662.87	
			<i>For Steel Armored Cable, Add</i>	6,680.57	
27 15 23 00-0097	MLF		60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,476.36	456.24
27 15 23 00-0098	MLF		72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,237.57	456.24
27 15 23 00-0099	MLF		96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,897.70	456.24
27 15 23 00-0100			50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 15 23 00-0085)</i>		
27 15 23 00-0101	MLF		1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	967.57	391.06
27 15 23 00-0102	MLF		2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,624.64	391.06
27 15 23 00-0103	MLF		4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,220.62	391.06
27 15 23 00-0104	MLF		6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,828.56	391.06
			<i>For Aluminum Armored Cable, Add</i>	-375.41	
			<i>For Steel Armored Cable, Add</i>	-39.23	
27 15 23 00-0105	MLF		8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,411.08	391.06
27 15 23 00-0106	MLF		12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,917.20	391.06
			<i>For Aluminum Armored Cable, Add</i>	-744.87	
			<i>For Steel Armored Cable, Add</i>	-363.26	
27 15 23 00-0107	MLF		18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,022.00	456.24
27 15 23 00-0108	MLF		24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,344.92	456.24
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	2,550.22	
			<i>For Steel Armored Cable, Add</i>	5,947.85	
27 15 23 00-0109	MLF		36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,637.18	456.24
27 15 23 00-0110	MLF		48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	17,929.44	456.24
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	7,572.77	
27 15 23 00-0111	MLF		60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	22,221.70	456.24
27 15 23 00-0112	MLF		72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	26,513.96	456.24
27 15 23 00-0113	MLF		96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	35,129.14	456.24
			<i>For Aluminum Armored Cable With Sub-Units, Add</i>	15,145.55	
27 15 23 00-0114			62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <i>(27 15 23 00-0085)</i>		
27 15 23 00-0115	MLF		1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	983.36	391.06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0116 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	1,673.29	391.06
27 15 23 00-0117 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,299.06	391.06
27 15 23 00-0118 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,937.40	391.06
27 15 23 00-0119 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,549.05	391.06
27 15 23 00-0120 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,080.47	391.06
27 15 23 00-0121 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,235.08	456.24
27 15 23 00-0122 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,774.15	456.24
27 15 23 00-0123 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,281.02	456.24
27 15 23 00-0124 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	18,787.89	456.24
27 15 23 00-0125 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	23,294.76	456.24
27 15 23 00-0126 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	27,801.64	456.24
27 15 23 00-0127 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	36,847.58	456.24
27 15 23 00-0128 Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0084)</small>		
27 15 23 00-0129 Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0130 MLF 2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	2,764.20	391.06
27 15 23 00-0131 MLF 4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	3,163.72	391.06
27 15 23 00-0132 MLF 6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	4,124.17	391.06
27 15 23 00-0133 MLF 8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	5,065.44	391.06
27 15 23 00-0134 MLF 12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,567.70	391.06
27 15 23 00-0135 MLF 18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	9,363.40	456.24
27 15 23 00-0136 MLF 24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	13,500.22	456.24
27 15 23 00-0137 MLF 36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	16,330.12	456.24
27 15 23 00-0138 MLF 48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	20,374.42	456.24
27 15 23 00-0139 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0140 MLF 2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,151.04	391.06
27 15 23 00-0141 MLF 4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	7,756.99	391.06
27 15 23 00-0142 MLF 6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	10,623.55	391.06
27 15 23 00-0143 MLF 8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,084.51	391.06
27 15 23 00-0144 MLF 12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	14,350.92	391.06
27 15 23 00-0145 MLF 18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	19,707.66	456.24
27 15 23 00-0146 MLF 24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	23,213.24	456.24
27 15 23 00-0147 MLF 36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	25,647.20	456.24
27 15 23 00-0148 MLF 48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	41,230.28	456.24
27 15 23 00-0149 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0128)</small>		
27 15 23 00-0150 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	6,426.01	391.06
27 15 23 00-0151 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	8,112.25	391.06
27 15 23 00-0152 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	11,122.14	391.06
27 15 23 00-0153 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	12,656.15	391.06
27 15 23 00-0154 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	15,035.87	391.06
27 15 23 00-0155 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	20,655.03	456.24
27 15 23 00-0156 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	24,335.88	456.24
27 15 23 00-0157 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	26,891.54	456.24
27 15 23 00-0158 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed In Conduit.....	43,253.77	456.24

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
27 15 23 00-0159		Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0001)</small> Note: For non-conduit installations such as cable trays, surface runways, etc.			
27 15 23 00-0160		Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0159)</small>			
27 15 23 00-0161		Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0160)</small>			
27 15 23 00-0162		Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>			
27 15 23 00-0163	MLF	1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,161.17 260.71		521.42
27 15 23 00-0164	MLF	2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,249.22 260.71		521.42
27 15 23 00-0165	MLF	4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,278.62 260.71		521.42
27 15 23 00-0166	MLF	6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,383.31 1,338.06 1,520.56 260.71		521.42
27 15 23 00-0167	MLF	8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,413.33 260.71		521.42
27 15 23 00-0168	MLF	12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,594.78 1,489.57 1,595.17 260.71		521.42
27 15 23 00-0169	MLF	18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,581.64 293.30		586.60
27 15 23 00-0170	MLF	24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,550.88 1,663.40 2,151.49 293.30		586.60
27 15 23 00-0171	MLF	36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,287.51 1,753.53 1,961.57 293.30		586.60
27 15 23 00-0172	MLF	48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,430.38 1,839.80 2,054.38 293.30		586.60
27 15 23 00-0173	MLF	60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,331.32 293.30		586.60
27 15 23 00-0174	MLF	72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,570.91 293.30		586.60
27 15 23 00-0175	MLF	96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	6,831.16 293.30		586.60
27 15 23 00-0176	MLF	120-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,106.19 325.89		651.77
27 15 23 00-0177	MLF	144-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	10,824.74 325.89		651.77
27 15 23 00-0178		50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>			
27 15 23 00-0179	MLF	1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,186.53 260.71		521.42
27 15 23 00-0180	MLF	2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,343.04 260.71		521.42
27 15 23 00-0181	MLF	4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,624.48 260.71		521.42
27 15 23 00-0182	MLF	6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	1,920.74 747.03 1,022.31 260.71		521.42
27 15 23 00-0183	MLF	8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,202.19 260.71		521.42
27 15 23 00-0184	MLF	12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	2,779.90 632.58 991.27 260.71		521.42
27 15 23 00-0185	MLF	18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,036.67 293.30		586.60
27 15 23 00-0186	MLF	24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	5,125.30 952.11 952.11 293.30		586.60
27 15 23 00-0187	MLF	36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,199.12 293.30		586.60
27 15 23 00-0188	MLF	48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,272.94 1,699.05 293.30		586.60
27 15 23 00-0189	MLF	60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,346.76 293.30		586.60

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0190 MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed... <i>For Work In Restricted Working Space, Add</i>	13,420.58 293.30	586.60
27 15 23 00-0191 MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed... <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	17,583.03 7,317.62 293.30	586.60
27 15 23 00-0192 MLF 120-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	21,839.30 325.89	651.77
27 15 23 00-0193 MLF 144-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	25,986.94 325.89	651.77
27 15 23 00-0194 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0161)</small>		
27 15 23 00-0195 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,202.40 260.71	521.42
27 15 23 00-0196 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,366.74 260.71	521.42
27 15 23 00-0197 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,662.26 260.71	521.42
27 15 23 00-0198 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,973.33 260.71	521.42
27 15 23 00-0199 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,268.85 260.71	521.42
27 15 23 00-0200 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,875.44 260.71	521.42
27 15 23 00-0201 MLF 18-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,139.62 293.30	586.60
27 15 23 00-0202 MLF 24-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,332.68 293.30	586.60
27 15 23 00-0203 MLF 36-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	7,510.19 293.30	586.60
27 15 23 00-0204 MLF 48-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,687.70 293.30	586.60
27 15 23 00-0205 MLF 60-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,865.22 293.30	586.60
27 15 23 00-0206 MLF 72-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	14,042.73 293.30	586.60
27 15 23 00-0207 MLF 96-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	18,413.30 293.30	586.60
27 15 23 00-0208 MLF 120-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	22,876.95 325.89	651.77
27 15 23 00-0209 MLF 144-Fiber, 62.5 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	27,231.98 325.89	651.77
27 15 23 00-0210 Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0160)</small>		
27 15 23 00-0211 Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0210)</small>		
27 15 23 00-0212 MLF 2-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	1,977.22 260.71	521.42
27 15 23 00-0213 MLF 4-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	2,305.59 260.71	521.42
27 15 23 00-0214 MLF 6-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,027.99 260.71	521.42
27 15 23 00-0215 MLF 8-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	3,372.74 260.71	521.42
27 15 23 00-0216 MLF 12-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	5,721.44 260.71	521.42
27 15 23 00-0217 MLF 18-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	6,026.19 293.30	586.60
27 15 23 00-0218 MLF 24-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	7,539.38 293.30	586.60
27 15 23 00-0219 MLF 36-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	10,541.12 293.30	586.60
27 15 23 00-0220 MLF 48-Fiber, Singlemode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed..... <i>For Work In Restricted Working Space, Add</i>	12,880.69 293.30	586.60

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0221 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0210)		
27 15 23 00-0222 MLF 2-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,473.70	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0223 MLF 4-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,979.65	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0224 MLF 6-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,813.84	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0225 MLF 8-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,053.69	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0226 MLF 12-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,568.56	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0227 MLF 18-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,385.76	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0228 MLF 24-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,243.88	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0229 MLF 36-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,514.27	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0230 MLF 48-Fiber, 50 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	15,968.42	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0231 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0210)		
27 15 23 00-0232 MLF 2-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,553.93	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0233 MLF 4-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,085.18	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0234 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,961.09	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0235 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,262.93	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0236 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,803.54	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0237 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,706.17	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0238 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,657.19	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0239 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,991.10	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0240 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Riser Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	16,717.95	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0241 Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0159)		
27 15 23 00-0242 Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0241)		
27 15 23 00-0243 Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0242)		
27 15 23 00-0244 MLF 1-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,231.40	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0245 MLF 2-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,236.87	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0246 MLF 4-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,523.95	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0247 MLF 6-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,557.54	521.42
<i>For Aluminum Armored Cable, Add</i>	1,256.02	
<i>For Steel Armored Cable, Add</i>	5,330.15	
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0248 MLF 8-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,726.65	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0249 MLF 12-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	1,758.28	521.42
<i>For Aluminum Armored Cable, Add</i>	1,326.10	
<i>For Steel Armored Cable, Add</i>	5,700.76	
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0250 MLF 18-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,876.70	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0251 MLF 24-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,963.84	586.60
<i>For Aluminum Armored Cable With Sub-Units, Add</i>	1,084.57	
<i>For Steel Armored Cable, Add</i>	5,568.60	
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0252 MLF 36-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,841.37	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0253 MLF 48-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	8,044.07 1,662.87 6,680.57 293.30	586.60
27 15 23 00-0254 MLF 60-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	9,693.62 293.30	586.60
27 15 23 00-0255 MLF 72-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	11,454.83 293.30	586.60
27 15 23 00-0256 MLF 96-Fiber, Singlemode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	15,114.96 293.30	586.60
27 15 23 00-0257 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0242)</small>		
27 15 23 00-0258 MLF 1-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,184.82 260.71	521.42
27 15 23 00-0259 MLF 2-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,841.89 260.71	521.42
27 15 23 00-0260 MLF 4-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,437.87 260.71	521.42
27 15 23 00-0261 MLF 6-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	3,045.81 -375.41 -39.23 260.71	521.42
27 15 23 00-0262 MLF 8-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,628.33 260.71	521.42
27 15 23 00-0263 MLF 12-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	4,134.45 -744.87 -363.26 260.71	521.42
27 15 23 00-0264 MLF 18-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	5,239.26 293.30	586.60
27 15 23 00-0265 MLF 24-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Steel Armored Cable, Add</i> <i>For Work In Restricted Working Space, Add</i>	9,562.18 2,550.22 5,947.85 293.30	586.60
27 15 23 00-0266 MLF 36-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	13,854.44 293.30	586.60
27 15 23 00-0267 MLF 48-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	18,146.70 7,572.77 293.30	586.60
27 15 23 00-0268 MLF 60-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	22,438.96 293.30	586.60
27 15 23 00-0269 MLF 72-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i> <i>For Work In Restricted Working Space, Add</i>	26,731.22 293.30 293.30	586.60
27 15 23 00-0270 MLF 96-Fiber, 50 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i> <i>For Aluminum Armored Cable With Sub-Units, Add</i> <i>For Work In Restricted Working Space, Add</i>	35,346.40 293.30 15,145.55 293.30	586.60
27 15 23 00-0271 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0242)</small>		
27 15 23 00-0272 MLF 1-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,200.61 260.71	521.42
27 15 23 00-0273 MLF 2-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	1,890.54 260.71	521.42
27 15 23 00-0274 MLF 4-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	2,516.31 260.71	521.42
27 15 23 00-0275 MLF 6-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,154.65 260.71	521.42
27 15 23 00-0276 MLF 8-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	3,766.30 260.71	521.42
27 15 23 00-0277 MLF 12-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed <i>For Work In Restricted Working Space, Add</i>	4,297.72 260.71	521.42

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0278	MLF		18-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,452.34	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0279	MLF		24-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,991.41	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0280	MLF		36-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	14,498.28	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0281	MLF		48-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	19,005.15	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0282	MLF		60-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	23,512.02	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0283	MLF		72-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	28,018.90	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0284	MLF		96-Fiber, 62.5 Micron Multimode, Distribution Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	37,064.84	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0285			Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0241)		
27 15 23 00-0286			Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0285)		
27 15 23 00-0287	MLF		2-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	2,981.45	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0288	MLF		4-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	3,380.97	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0289	MLF		6-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	4,341.42	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0290	MLF		8-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	5,282.69	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0291	MLF		12-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,784.95	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0292	MLF		18-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	9,580.66	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0293	MLF		24-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	13,717.48	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0294	MLF		36-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	16,547.38	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0295	MLF		48-Fiber, Singlemode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	20,591.68	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0296			50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0285)		
27 15 23 00-0297	MLF		2-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,368.29	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0298	MLF		4-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	7,974.24	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0299	MLF		6-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	10,840.80	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0300	MLF		8-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	12,301.76	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0301	MLF		12-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	14,568.17	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0302	MLF		18-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	19,924.92	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0303	MLF		24-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	23,430.50	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0304	MLF		36-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	25,864.46	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0305	MLF		48-Fiber, 50 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	41,447.54	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0306			62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0285)		
27 15 23 00-0307	MLF		2-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	6,643.26	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0308	MLF		4-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed.....	8,329.50	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0309 MLF 6-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	11,339.39	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0310 MLF 8-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	12,873.40	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0311 MLF 12-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	15,253.12	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0312 MLF 18-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	20,872.29	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0313 MLF 24-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	24,553.14	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0314 MLF 36-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	27,108.80	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0315 MLF 48-Fiber, 62.5 Micron Multimode, Break-Out Plenum Rated, Tight Buffer, Indoor Fiber Optic Cable, Installed Exposed	43,471.03	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0316 Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0001)</small>		
<small>Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.</small>		
27 15 23 00-0317 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0316)</small>		
27 15 23 00-0318 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,367.33	391.06
27 15 23 00-0319 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,335.09	391.06
27 15 23 00-0320 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	5,423.58	456.24
27 15 23 00-0321 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	8,568.59	456.24
27 15 23 00-0322 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0316)</small>		
27 15 23 00-0323 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	1,635.06	391.06
27 15 23 00-0324 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	2,372.76	391.06
27 15 23 00-0325 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	6,443.44	456.24
27 15 23 00-0326 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed In Conduit	11,138.48	456.24
27 15 23 00-0327 Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0001)</small>		
<small>Note: Singlemode and multimode combination cable. For non-conduit installations such as cable trays, surface runways, etc.</small>		
27 15 23 00-0328 Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0327)</small>		
27 15 23 00-0329 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,584.58	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0330 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,552.34	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0331 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	5,640.84	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0332 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Riser Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	8,785.85	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0333 Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed <small>(27 15 23 00-0327)</small>		
27 15 23 00-0334 MLF 6-Fiber, 2 Singlemode/4 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	1,852.31	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0335 MLF 12-Fiber, 6 Singlemode/6 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	2,590.01	521.42
<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0336 MLF 24-Fiber, 12 Singlemode/12 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	6,660.70	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0337 MLF 48-Fiber, 24 Singlemode/24 Multimode, Distribution Plenum Rated, Hybrid, Indoor Fiber Optic Cable, Installed Exposed	11,355.74	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 15 23 00-0338	Outdoor Fiber Optic Cable <small>(27 15 23)</small> Note: Cable buried in trench excludes excavation.		
27 15 23 00-0339	Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0338)</small> Note: Excludes conduit or innerduct.		
27 15 23 00-0340	Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0339)</small>		
27 15 23 00-0341	Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0340)</small>		
27 15 23 00-0342	MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,827.89	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	256.12	
27 15 23 00-0343	MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,859.78	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	258.24	
27 15 23 00-0344	MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,891.71	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	260.29	
27 15 23 00-0345	MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,923.61	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	262.79	
27 15 23 00-0346	MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,987.02	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	237.79	
27 15 23 00-0347	MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,116.71	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	264.93	
27 15 23 00-0348	MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,183.38	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	208.56	
27 15 23 00-0349	MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,203.94	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	243.78	
27 15 23 00-0350	MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,585.49	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	268.20	
27 15 23 00-0351	MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,795.84	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	268.17	
27 15 23 00-0352	MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,068.75	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	316.96	
27 15 23 00-0353	MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,549.21	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	304.31	
27 15 23 00-0354	MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,074.18	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	369.52	
27 15 23 00-0355	MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,623.62	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	247.36	
27 15 23 00-0356	50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0340)</small>		
27 15 23 00-0357	MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,702.15	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-4.10	
27 15 23 00-0358	MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,781.53	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	41.65	
27 15 23 00-0359	MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,947.85	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	107.74	
27 15 23 00-0360	MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,174.65	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-65.42	
27 15 23 00-0361	MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,269.15	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-34.76	
27 15 23 00-0362	MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	3,590.45	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-16.39	
27 15 23 00-0363	MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	4,270.85	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-88.94	
27 15 23 00-0364	MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	5,272.55	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-0.08	
27 15 23 00-0365	MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	6,387.65	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-203.39	
27 15 23 00-0366	MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	7,162.55	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-102.28	
27 15 23 00-0367	MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	8,164.25	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	469.28	
27 15 23 00-0368	MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	10,488.95	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-210.64	
27 15 23 00-0369	MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	12,794.75	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-281.69	
27 15 23 00-0370	MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	15,100.55	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-334.85	
27 15 23 00-0371	62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0340)</small>		
27 15 23 00-0372	MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,606.64	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	109.53	
27 15 23 00-0373	MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,711.95	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	117.46	
27 15 23 00-0374	MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,817.09	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	125.19	
27 15 23 00-0375	MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	1,946.98	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	142.53	
27 15 23 00-0376	MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit	2,132.99	782.13
	<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	148.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0377 MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,461.86 158.40	782.13
27 15 23 00-0378 MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,773.39 182.15	782.13
27 15 23 00-0379 MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,369.62 202.42	782.13
27 15 23 00-0380 MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,066.99 232.74	782.13
27 15 23 00-0381 MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,711.10 250.44	782.13
27 15 23 00-0382 MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,390.94 283.46	782.13
27 15 23 00-0383 MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,765.92 318.71	782.13
27 15 23 00-0384 MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,162.97 361.70	782.13
27 15 23 00-0385 MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,581.59 332.24	782.13
27 15 23 00-0386 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit		
<small>(27 15 23 00-0389)</small>		
27 15 23 00-0387 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit		
<small>(27 15 23 00-0386)</small>		
27 15 23 00-0388 MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,010.49 202.40	782.13
27 15 23 00-0389 MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,072.67 290.50	782.13
27 15 23 00-0390 MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,091.33 278.41	782.13
27 15 23 00-0391 MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,165.82 231.76	782.13
27 15 23 00-0392 MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,189.06 277.00	782.13
27 15 23 00-0393 MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,293.45 262.71	782.13
27 15 23 00-0394 MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,387.04 265.83	782.13
27 15 23 00-0395 MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,536.35 337.10	782.13
27 15 23 00-0396 MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,746.70 341.50	782.13
27 15 23 00-0397 MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,956.23 353.79	782.13
27 15 23 00-0398 MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,240.31 304.32	782.13
27 15 23 00-0399 MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,699.82 396.88	782.13
27 15 23 00-0400 MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,300.98 390.80	782.13
27 15 23 00-0401 MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,792.92 312.17	782.13
27 15 23 00-0402 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit		
<small>(27 15 23 00-0386)</small>		
27 15 23 00-0403 MLF 2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,220.11 286.42	782.13
27 15 23 00-0404 MLF 4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,437.79 160.40	782.13
27 15 23 00-0405 MLF 6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,724.22 34.37	782.13
27 15 23 00-0406 MLF 8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,861.70 57.28	782.13
27 15 23 00-0407 MLF 12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,999.19 57.28	782.13
27 15 23 00-0408 MLF 18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,319.98 68.74	782.13
27 15 23 00-0409 MLF 24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,606.41 263.51	782.13
27 15 23 00-0410 MLF 36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,225.09 515.56	782.13
27 15 23 00-0411 MLF 48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,843.76 859.28	782.13
27 15 23 00-0412 MLF 60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,359.33 945.20	782.13
27 15 23 00-0413 MLF 72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,035.29 1,202.98	782.13
27 15 23 00-0414 MLF 96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,444.50 1,775.84	782.13
27 15 23 00-0415 MLF 120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,154.84 1,340.47	782.13
27 15 23 00-0416 MLF 144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,976.50 3,265.24	782.13

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0417 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0386)</small>		
27 15 23 00-0418 MLF 2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	1,677.75	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	137.48	
27 15 23 00-0419 MLF 4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	1,780.86	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	148.62	
27 15 23 00-0420 MLF 6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	1,883.80	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	159.74	
27 15 23 00-0421 MLF 8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	1,986.92	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	170.86	
27 15 23 00-0422 MLF 10-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,254.02	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	183.77	
27 15 23 00-0423 MLF 18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,515.94	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	215.35	
27 15 23 00-0424 MLF 24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	2,836.89	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	233.91	
27 15 23 00-0425 MLF 36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	3,458.10	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	289.00	
27 15 23 00-0426 MLF 48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,090.92	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	331.12	
27 15 23 00-0427 MLF 60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	4,725.93	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	368.72	
27 15 23 00-0428 MLF 72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	5,393.63	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	411.18	
27 15 23 00-0429 MLF 96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	6,748.56	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	484.83	
27 15 23 00-0430 MLF 120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	8,497.40	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	501.20	
27 15 23 00-0431 MLF 144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Installed In Conduit.....	9,522.29	782.13
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	517.40	
27 15 23 00-0432 Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0338)</small>		
Note: Excludes trenching.		
27 15 23 00-0433 Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0432)</small>		
27 15 23 00-0434 Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0433)</small>		
27 15 23 00-0435 MLF 2-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,719.26	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	256.12	
27 15 23 00-0436 MLF 4-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,751.15	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	258.24	
27 15 23 00-0437 MLF 6-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,783.08	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	260.29	
27 15 23 00-0438 MLF 8-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,814.98	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	262.79	
27 15 23 00-0439 MLF 12-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	1,878.39	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	237.79	
27 15 23 00-0440 MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,008.08	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	264.93	
27 15 23 00-0441 MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,074.75	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	208.56	
27 15 23 00-0442 MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,095.31	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	243.78	
27 15 23 00-0443 MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,476.86	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	268.20	
27 15 23 00-0444 MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,955.38	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	268.17	
27 15 23 00-0445 MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,277.08	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	316.96	
27 15 23 00-0446 MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,440.58	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	304.31	
27 15 23 00-0447 MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,965.55	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	369.52	
27 15 23 00-0448 MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	4,514.99	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	247.36	
27 15 23 00-0449 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0433)</small>		
27 15 23 00-0450 MLF 2-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,593.52	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-4.10	
27 15 23 00-0451 MLF 4-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,672.90	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	41.65	
27 15 23 00-0452 MLF 6-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	2,839.22	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	107.74	
27 15 23 00-0453 MLF 8-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,066.02	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-65.42	
27 15 23 00-0454 MLF 12-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench	3,160.52	
<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	-34.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0455 MLF 18-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,481.82 -16.39	
27 15 23 00-0456 MLF 24-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,162.22 -88.94	
27 15 23 00-0457 MLF 36-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,163.92 -0.08	
27 15 23 00-0458 MLF 48-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,279.02 -203.39	
27 15 23 00-0459 MLF 60-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	7,053.92 -102.28	
27 15 23 00-0460 MLF 72-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,055.62 469.28	
27 15 23 00-0461 MLF 96-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,380.32 -210.64	
27 15 23 00-0462 MLF 120-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	12,686.12 -281.69	
27 15 23 00-0463 MLF 144-Fiber, 50 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	14,991.92 -334.85	
27 15 23 00-0464 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0433)		
27 15 23 00-0465 MLF 2-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,498.01 109.53	
27 15 23 00-0466 MLF 4-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,603.32 117.46	
27 15 23 00-0467 MLF 6-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,708.46 125.19	
27 15 23 00-0468 MLF 8-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,838.35 142.53	
27 15 23 00-0469 MLF 12-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,024.36 148.62	
27 15 23 00-0470 MLF 18-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,353.23 158.40	
27 15 23 00-0471 MLF 24-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,664.76 182.15	
27 15 23 00-0472 MLF 36-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,260.99 202.42	
27 15 23 00-0473 MLF 48-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,958.36 232.74	
27 15 23 00-0474 MLF 60-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,602.47 250.44	
27 15 23 00-0475 MLF 72-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	5,282.31 283.46	
27 15 23 00-0476 MLF 96-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	6,657.29 318.71	
27 15 23 00-0477 MLF 120-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,054.34 361.70	
27 15 23 00-0478 MLF 144-Fiber, 62.5 Micron Multimode, Single Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,472.96 332.24	
27 15 23 00-0479 Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0432)		
27 15 23 00-0480 Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench (27 15 23 00-0479)		
27 15 23 00-0481 MLF 2-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,901.86 202.40	
27 15 23 00-0482 MLF 4-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,964.04 290.50	
27 15 23 00-0483 MLF 6-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,982.70 278.41	
27 15 23 00-0484 MLF 8-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,057.19 231.76	
27 15 23 00-0485 MLF 12-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,080.43 277.00	
27 15 23 00-0486 MLF 18-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,184.82 262.71	
27 15 23 00-0487 MLF 24-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,278.41 265.83	
27 15 23 00-0488 MLF 36-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,427.72 337.10	
27 15 23 00-0489 MLF 48-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,638.07 341.50	
27 15 23 00-0490 MLF 60-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	2,847.60 353.79	
27 15 23 00-0491 MLF 72-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,131.68 304.32	
27 15 23 00-0492 MLF 96-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,591.19 396.88	
27 15 23 00-0493 MLF 120-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,192.35 390.80	
27 15 23 00-0494 MLF 144-Fiber, Singlemode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench..... <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	4,684.29 312.17	

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0495			50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0479)</small>		
27 15 23 00-0496	MLF		2-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,111.48	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	286.42	
27 15 23 00-0497	MLF		4-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,329.16	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	160.40	
27 15 23 00-0498	MLF		6-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,615.59	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	34.37	
27 15 23 00-0499	MLF		8-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,753.07	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	57.28	
27 15 23 00-0500	MLF		12-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,890.56	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	57.28	
27 15 23 00-0501	MLF		18-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,211.35	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	68.74	
27 15 23 00-0502	MLF		24-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,497.78	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	263.51	
27 15 23 00-0503	MLF		36-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,116.46	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	515.56	
27 15 23 00-0504	MLF		48-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,735.13	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	859.28	
27 15 23 00-0505	MLF		60-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,250.70	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	945.20	
27 15 23 00-0506	MLF		72-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,926.66	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,202.98	
27 15 23 00-0507	MLF		96-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	7,335.87	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,775.84	
27 15 23 00-0508	MLF		120-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	8,046.21	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	1,340.47	
27 15 23 00-0509	MLF		144-Fiber, 50 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	9,867.87	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	3,265.24	
27 15 23 00-0510			62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0479)</small>		
27 15 23 00-0511	MLF		2-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,569.12	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	137.48	
27 15 23 00-0512	MLF		4-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,672.23	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	148.62	
27 15 23 00-0513	MLF		6-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,775.17	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	159.74	
27 15 23 00-0514	MLF		8-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	1,878.29	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	170.86	
27 15 23 00-0515	MLF		12-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,145.39	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	183.77	
27 15 23 00-0516	MLF		18-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,407.31	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	215.35	
27 15 23 00-0517	MLF		24-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	2,728.26	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	233.91	
27 15 23 00-0518	MLF		36-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,349.47	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	289.00	
27 15 23 00-0519	MLF		48-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	3,982.29	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	331.12	
27 15 23 00-0520	MLF		60-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	4,617.30	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	368.72	
27 15 23 00-0521	MLF		72-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	5,285.00	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	411.18	
27 15 23 00-0522	MLF		96-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	6,639.93	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	484.83	
27 15 23 00-0523	MLF		120-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	8,083.48	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	501.20	
27 15 23 00-0524	MLF		144-Fiber, 62.5 Micron Multimode, Double Jacket Loose Tube, Outdoor Fiber Optic Cable, Buried In Trench.....	9,413.66	
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	517.40	
27 15 23 00-0525			(Aerial) Outdoor Fiber Optic Cable, Installed On Poles <small>(27 15 23 00-0338)</small>		
27 15 23 00-0526			Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <small>(27 15 23 00-0525)</small>		
27 15 23 00-0527			Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <small>(27 15 23 00-0526)</small>		
27 15 23 00-0528	MLF		2-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	8,676.77	2,978.22
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	171.31	
27 15 23 00-0529	MLF		4-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	8,708.45	2,978.22
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	175.74	
27 15 23 00-0530	MLF		6-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	8,740.55	2,978.22
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	180.06	
27 15 23 00-0531	MLF		8-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	8,772.24	2,978.22
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	176.61	
27 15 23 00-0532	MLF		12-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles.....	8,835.64	2,978.22
			<i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	205.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0533 MLF 18-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	8,960.82 214.05	2,978.22
27 15 23 00-0534 MLF 24-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,056.29 236.59	2,978.22
27 15 23 00-0535 MLF 36-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,283.27 226.85	2,978.22
27 15 23 00-0536 MLF 48-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,481.78 263.55	2,978.22
27 15 23 00-0537 MLF 60-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,645.88 252.72	2,978.22
27 15 23 00-0538 MLF 72-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	9,850.58 288.93	2,978.22
27 15 23 00-0539 MLF 96-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,387.83 293.46	2,978.22
27 15 23 00-0540 MLF 120-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	10,964.24 350.17	2,978.22
27 15 23 00-0541 MLF 144-Fiber, Singlemode, Single Jacket Loose Tube, (Aerial) Outdoor Fiber Optic Cable, Installed On Poles <i>For Corrugated Coated Steel Tape Armored Cable, Add</i>	11,102.43 376.01	2,978.22
27 15 23 00-0542 Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0338)</small> Note: Singlemode and multimode combination cable. Excludes conduit or innerduct.		
27 15 23 00-0543 Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0542)</small>		
27 15 23 00-0544 MLF 12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	3,516.74	651.77
27 15 23 00-0545 MLF 24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,444.31	651.77
27 15 23 00-0546 MLF 48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	6,510.62	651.77
27 15 23 00-0547 Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0542)</small>		
27 15 23 00-0548 MLF 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,699.82	651.77
27 15 23 00-0549 MLF 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,226.94	651.77
27 15 23 00-0550 MLF 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,532.73	651.77
27 15 23 00-0551 Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0338)</small> Note: Singlemode and multimode combination cable. Excludes trenching.		
27 15 23 00-0552 Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0551)</small>		
27 15 23 00-0553 MLF 12-Fiber, 6 Singlemode/6 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	3,408.11	597.45
27 15 23 00-0554 MLF 24-Fiber, 12 Singlemode/12 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	4,335.68	597.45
27 15 23 00-0555 MLF 48-Fiber, 24 Singlemode/24 Multimode, Riser Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	6,401.99	597.45
27 15 23 00-0556 Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench <small>(27 15 23 00-0551)</small>		
27 15 23 00-0557 MLF 12-Fiber, 6 Singlemode/6 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench.....	4,591.19	597.45
27 15 23 00-0558 MLF 24-Fiber, 12 Singlemode/12 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	5,118.31	597.45
27 15 23 00-0559 MLF 48-Fiber, 24 Singlemode/24 Multimode, Plenum Rated, Hybrid, Indoor/Outdoor Fiber Optic Cable, Buried In Trench	7,424.10	597.45
27 15 23 00-0560 Indoor/Outdoor Fiber Optic Cable <small>(27 15 23)</small>		
27 15 23 00-0561 Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0560)</small> Note: Excludes conduit or innerduct.		
27 15 23 00-0562 Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0561)</small>		
27 15 23 00-0563 Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit <small>(27 15 23 00-0562)</small>		
27 15 23 00-0564 MLF 1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	1,301.68	391.06
27 15 23 00-0565 MLF 2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	1,415.39	391.06
27 15 23 00-0566 MLF 4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	1,480.79	391.06
27 15 23 00-0567 MLF 6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	1,697.75	391.06
27 15 23 00-0568 MLF 8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	1,750.07	391.06
27 15 23 00-0569 MLF 12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	1,921.93	391.06
27 15 23 00-0570 MLF 18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	4,334.89	456.24
27 15 23 00-0571 MLF 24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	5,497.58	456.24
27 15 23 00-0572 MLF 36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,472.24	456.24
27 15 23 00-0573 MLF 48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit	7,811.10	456.24

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 23 00-0574	MLF		60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	8,992.57	456.24
27 15 23 00-0575	MLF		72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	10,043.90	456.24
27 15 23 00-0576	MLF		96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	11,652.40	456.24
27 15 23 00-0577	MLF		1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	1,854.10	391.06
27 15 23 00-0578	MLF		2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	2,064.47	391.06
27 15 23 00-0579	MLF		4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	2,185.46	391.06
27 15 23 00-0580	MLF		6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	2,586.84	391.06
27 15 23 00-0581	MLF		8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	2,683.63	391.06
27 15 23 00-0582	MLF		12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	3,001.56	391.06
27 15 23 00-0583	MLF		18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	7,373.21	456.24
27 15 23 00-0584	MLF		24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	9,524.18	456.24
27 15 23 00-0585	MLF		36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	13,177.30	456.24
27 15 23 00-0586	MLF		48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	13,804.20	456.24
27 15 23 00-0587	MLF		60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	15,989.91	456.24
27 15 23 00-0588	MLF		72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	17,934.88	456.24
27 15 23 00-0589	MLF		96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed In Conduit.....	20,910.61	456.24
27 15 23 00-0590			Indoor/Outdoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0590) Note: For non-conduit installations such as cable trays, surface runways, etc.		
27 15 23 00-0591			Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0591)		
27 15 23 00-0592			Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed (27 15 23 00-0592)		
27 15 23 00-0593	MLF		1-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	1,518.93	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0594	MLF		2-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	1,632.64	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0595	MLF		4-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	1,698.04	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0596	MLF		6-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	1,915.00	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0597	MLF		8-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	1,967.32	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0598	MLF		12-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	2,139.18	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0599	MLF		18-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	4,552.15	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0600	MLF		24-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	5,714.84	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0601	MLF		36-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	7,689.50	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0602	MLF		48-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	8,028.36	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0603	MLF		60-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	9,209.83	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0604	MLF		72-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	10,261.16	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0605	MLF		96-Fiber, Singlemode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	11,869.66	586.60
			<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0606	MLF		1-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	2,071.35	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0607	MLF		2-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	2,281.72	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0608	MLF		4-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	2,402.71	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0609	MLF		6-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	2,804.09	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0610	MLF		8-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	2,900.88	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	
27 15 23 00-0611	MLF		12-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed.....	3,218.81	521.42
			<i>For Work In Restricted Working Space, Add</i>	260.71	

MINOR	TOTAL DIRECT	DEMOLITION
CSI UOM DESCRIPTION	UNIT COST	UNIT COST
27 15 23 00-0612 MLF 18-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed	7,590.47	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0613 MLF 24-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed	9,741.44	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0614 MLF 36-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed	13,394.56	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0615 MLF 48-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed	14,021.46	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0616 MLF 60-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed	16,207.17	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0617 MLF 72-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed	18,152.14	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	
27 15 23 00-0618 MLF 96-Fiber, 50 Micron Multimode, Distribution Riser Rated, Tight Buffer, Indoor/Outdoor Fiber Optic Cable, Installed Exposed	21,127.87	586.60
<i>For Work In Restricted Working Space, Add</i>	293.30	

27 15 33 Communications Coaxial Horizontal Cabling (27 15)

Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.

27 15 33 00-0001 Indoor Coaxial Cable (27 15 33)

27 15 33 00-0002 Coaxial, Indoor Telecommunications Cable (27 15 33 00-0001)

27 15 33 00-0003 Coaxial, Indoor Telecommunications Cable, Installed In Conduit (27 15 33 00-0002)

27 15 33 00-0004 MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9108)	1,715.62	456.24
27 15 33 00-0005 MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82108)	4,440.22	456.24
27 15 33 00-0006 MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 9114)	1,329.00	521.42
27 15 33 00-0007 MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed In Conduit (Belden 82120)	5,622.13	521.42

27 15 33 00-0008 Coaxial, Indoor Telecommunications Cable, Installed Exposed (27 15 33 00-0002)

27 15 33 00-0009 MLF RG 59/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9108)	2,476.02	912.48
<i>For Work In Restricted Working Space, Add</i>	456.24	
27 15 33 00-0010 MLF RG 59/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82108)	5,200.62	912.48
<i>For Work In Restricted Working Space, Add</i>	456.24	
27 15 33 00-0011 MLF RG 6/U Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 9114)	2,198.04	1,042.83
<i>For Work In Restricted Working Space, Add</i>	521.42	
27 15 33 00-0012 MLF RG 6/U Plenum Coaxial, Indoor Telecommunications Cable, Installed Exposed (Belden 82120)	6,491.17	1,042.83
<i>For Work In Restricted Working Space, Add</i>	521.42	

27 15 33 00-0013 Coaxial Distribution Cable (27 15 33 00-0001)

Note: Cables shall be as Belden, Times Fiber, West Penn or approved equal. For tasks installed in conduit, tasks exclude conduit.

27 15 33 00-0014 MLF RG-6/U Coaxial Distribution Cable, Installed In Conduit	2,997.96	317.56
27 15 33 00-0015 MLF RG-6A/U Coaxial Distribution Cable, Installed In Conduit	12,163.18	317.56
27 15 33 00-0016 MLF RG-8/U Coaxial Distribution Cable, Installed In Conduit	6,198.35	335.42
27 15 33 00-0017 MLF RG-8A/U Coaxial Distribution Cable, Installed In Conduit	7,919.97	335.42
27 15 33 00-0018 MLF RG-11/U Coaxial Distribution Cable, Installed In Conduit	6,920.72	396.95
27 15 33 00-0019 MLF RG-11A/U Coaxial Distribution Cable, Installed In Conduit	10,250.19	396.95
27 15 33 00-0020 MLF RG-11/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	22,550.62	555.73
27 15 33 00-0021 MLF RG-58/U Coaxial Distribution Cable, Installed In Conduit	2,156.39	277.87
27 15 33 00-0022 MLF RG-58A/U Coaxial Distribution Cable, Installed In Conduit	2,497.54	277.87
27 15 33 00-0023 MLF RG-58C/U Coaxial Distribution Cable, Installed In Conduit	3,098.50	277.87
27 15 33 00-0024 MLF RG-58/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	7,718.55	555.73
27 15 33 00-0025 MLF RG-59/U Coaxial Distribution Cable, Installed In Conduit	3,750.22	277.87
27 15 33 00-0026 MLF RG-59/U Coaxial Distribution Cable, Plenum Rated, Installed Exposed	9,506.64	555.73
27 15 33 00-0027 MLF 1/2" Hard Line Coaxial, Installed In Conduit	2,935.12	396.95

27 15 33 00-0028 Outdoor Coaxial Cable (27 15 33)

27 15 33 00-0029 Coaxial Cables "Television" Copper Covered Aluminum Center Core (27 15 33 00-0028)

Note: Corrugated steel armor jacket.

27 15 33 00-0030 MLF TV Coaxial Trunk Cable 3/4" Diameter, Direct Burial	7,507.87	1,485.78
27 15 33 00-0031 MLF TV Coaxial Distribution Cable 1/2" Diameter, Direct Burial	4,558.59	1,045.07
27 15 33 00-0032 MLF TV Coaxial Distribution Cable 3/8" Diameter, Direct Burial	4,281.90	616.57
27 15 33 00-0033 MLF TV Coaxial Cable Drop 1/4" Diameter, Direct Burial	1,892.17	616.57
27 15 33 00-0034 MLF 1/4" Diameter, TV Coaxial Cable Drop, Installed In Conduit	2,759.26	963.40

27 15 43 Communications Faceplates and Connectors (27 15)

27 15 43 00-0001 Wall Mounted Telephone Faceplates (27 15 43)

Note: Includes standard telephone mounting studs.

27 15 43 00-0002 Plastic Faceplates For Wall Mounted Telephones (27 15 43 00-0001)

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0003 EA Single Gang, 6-Position RJ25 Jack, Flush, Plastic Faceplate For Wall Mounted Telephones.....	39.94	13.58
27 15 43 00-0004 Stainless Steel Faceplates For Wall Mounted Telephones (27 15 43 00-0001)		
27 15 43 00-0005 EA Single Gang, Keystone Opening, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	34.18	5.43
Note: Requires one snap-in modular jack.		
27 15 43 00-0006 EA Single Gang, 6-Position RJ25 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	58.64	13.58
27 15 43 00-0007 EA Single Gang, 8-Position RJ45 Jack, Flush, Stainless Steel Faceplate For Wall Mounted Telephones.....	68.16	16.29
27 15 43 00-0008 EA Single Gang, Keystone Opening, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	32.82	5.43
Note: Requires one snap-in modular jack.		
27 15 43 00-0009 EA Single Gang, 6-Position RJ25 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	52.89	13.58
27 15 43 00-0010 EA Single Gang, 8-Position RJ45 Jack, Recessed, Stainless Steel Faceplate For Wall Mounted Telephones.....	62.56	16.29
27 15 43 00-0011 Plastic Communications Faceplates (27 15 43)		
Note: Excludes modular jacks. See CSI section 27 15 43 00-0056 for modular jacks.		
27 15 43 00-0012 EA One Port, Single Gang, Plastic Communication Faceplate With Station ID.....	9.19	2.72
27 15 43 00-0013 EA Two Port, Single Gang, Plastic Communication Faceplate With Station ID.....	9.19	2.72
27 15 43 00-0014 EA Three Port, Single Gang, Plastic Communication Faceplate With Station ID.....	9.19	2.72
27 15 43 00-0015 EA Four Port, Single Gang, Plastic Communication Faceplate With Station ID.....	9.19	2.72
27 15 43 00-0016 EA Six Port, Single Gang, Plastic Communication Faceplate With Station ID.....	9.19	2.72
27 15 43 00-0017 EA Four Port, Double Gang, Plastic Communications Faceplate With Station ID.....	16.16	2.72
27 15 43 00-0018 EA Six Port, Double Gang, Plastic Communication Faceplate With Station ID.....	16.16	2.72
27 15 43 00-0019 EA Eight Port, Double Gang, Plastic Communication Faceplate With Station ID.....	16.16	2.72
27 15 43 00-0020 EA Nine Port, Double Gang, Plastic Communication Faceplate With Station ID.....	16.16	2.72
27 15 43 00-0021 EA Twelve Port, Double Gang, Plastic Communication Faceplate With Station ID.....	16.16	2.72
27 15 43 00-0022 Stainless Steel Communications Faceplates (27 15 43)		
Note: Excludes modular jacks. See CSI section 27 15 43 00-0056 for modular jacks.		
27 15 43 00-0023 Stainless Steel Communications Faceplates (27 15 43 00-0022)		
27 15 43 00-0024 EA One Port, Single Gang, Stainless Steel Communications Faceplate.....	18.26	2.72
27 15 43 00-0025 EA Two Port, Single Gang, Stainless Steel Communications Faceplate.....	18.26	2.72
27 15 43 00-0026 EA Three Port, Single Gang, Stainless Steel Communications Faceplate.....	18.26	2.72
27 15 43 00-0027 EA Four Port, Single Gang, Stainless Steel Communications Faceplate.....	19.59	2.72
27 15 43 00-0028 EA Six Port, Single Gang, Stainless Steel Communications Faceplate.....	19.59	2.72
27 15 43 00-0029 EA Four Port, Double Gang, Stainless Steel Communications Faceplate.....	26.75	2.72
27 15 43 00-0030 EA Six Port, Double Gang, Stainless Steel Communications Faceplate.....	27.58	2.72
27 15 43 00-0031 EA Eight Port, Double Gang, Stainless Steel Communications Faceplate.....	32.08	2.72
27 15 43 00-0032 EA Nine Port, Double Gang, Stainless Steel Communication Faceplate.....	32.08	2.72
27 15 43 00-0033 EA Twelve Port, Double Gang, Stainless Steel Communications Faceplate.....	32.08	2.72
27 15 43 00-0034 Stainless Steel Communications Faceplates With Station ID (27 15 43 00-0022)		
27 15 43 00-0035 EA One Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	26.58	2.72
27 15 43 00-0036 EA Two Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	26.58	2.72
27 15 43 00-0037 EA Three Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	26.58	2.72
27 15 43 00-0038 EA Four Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	26.58	2.72
27 15 43 00-0039 EA Six Port, Single Gang, Stainless Steel Communications Faceplate With Station ID.....	26.58	2.72
27 15 43 00-0040 EA Four Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	58.38	2.72
27 15 43 00-0041 EA Six Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	58.38	2.72
27 15 43 00-0042 EA Eight Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	58.38	2.72
27 15 43 00-0043 EA Nine Port, Double Gang, Stainless Steel Communication Faceplate With Station ID.....	58.38	2.72
27 15 43 00-0044 EA Twelve Port, Double Gang, Stainless Steel Communications Faceplate With Station ID.....	58.38	2.72
27 15 43 00-0045 Industrial Stainless Steel Communications Faceplates (Leviton® Duraport®) (27 15 43 00-0022)		
Note: For twist-lock connector housings. Includes over-molded gasket and mounting holes with embedded sealing. Excludes connector housings.		
27 15 43 00-0046 EA One Port, Single Gang, Stainless Steel Communications Faceplate (Leviton® Duraport®).....	41.87	2.72
27 15 43 00-0047 EA Two Port, Single Gang, Stainless Steel Communications Faceplate (Leviton® Duraport®).....	41.87	2.72
27 15 43 00-0048 EA Two Port, Double Gang, Stainless Steel Communications Faceplate (Leviton® Duraport®).....	45.78	2.72
27 15 43 00-0049 EA Four Port, Double Gang, Stainless Steel Communications Faceplate (Leviton® Duraport®).....	45.78	2.72
27 15 43 00-0050 Surface Mount Plastic Communication Boxes (27 15 43)		
Note: Excludes modular jacks. See CSI section 27 15 43 00-0056 for modular jacks.		
27 15 43 00-0051 EA One Port, Surface Mount Plastic Communication Box With Station ID.....	31.95	13.61
27 15 43 00-0052 EA Two Port, Surface Mount Plastic Communication Box With Station ID.....	32.79	13.61
27 15 43 00-0053 EA Four Port, Surface Mount Plastic Communication Box With Station ID.....	38.53	13.61
27 15 43 00-0054 EA Six Port, Surface Mount Plastic Communication Box With Station ID.....	45.36	13.61
27 15 43 00-0055 EA Twelve Port, Surface Mount Plastic Communication Box With Station ID.....	52.52	13.61
27 15 43 00-0056 Snap-In Modular Jacks (27 15 43)		
Note: Includes termination.		
27 15 43 00-0057 EA Cat 3, Snap-In Modular Jack.....	31.25	10.89
27 15 43 00-0058 EA Category 5E, Snap-In Modular Jack.....	33.08	10.89
27 15 43 00-0059 EA Category 5E Shielded, Snap-In Modular Jack.....	38.58	10.89
27 15 43 00-0060 EA Cat 6, Snap-In Modular Jack.....	38.58	10.89

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 43 00-0061 EA Cat 6 Shielded, Snap-In Modular Jack	44.73	10.89
27 15 43 00-0062 EA Cat 6A, Snap-In Modular Jack	45.67	10.89
27 15 43 00-0063 EA Voice, RJ-11, Snap-In Modular Jack	23.19	5.44
27 15 43 00-0064 EA SC Type Fiber Optic, Snap-In Modular Jack	35.41	10.89
27 15 43 00-0065 EA ST Type Fiber Optic, Snap-In Modular Jack	40.07	10.89
27 15 43 00-0066 EA LC Type Fiber Optic, Snap-In Modular Jack	49.23	10.89
27 15 43 00-0067 EA Blank Fill In, Snap-In Modular Jack	6.31	2.72
27 15 43 00-0068 EA Open Cable Pass Through Insert, Snap-In Modular Jack	7.60	2.72
27 15 43 00-0069 EA Coaxial F-Type Coupler, Snap-In Modular Jack	26.48	8.16
Note: Includes female to female connection.		
<i>For Gold Bulkhead, Add</i> 1.78		
27 15 43 00-0070 EA RCA Jack Pass-Through Coupler, Snap-In Modular Jack	26.81	8.16
Note: Includes female to female connection.		
27 15 43 00-0071 EA RCA Solder Coupler, Snap-In Modular Jack	51.35	10.89
27 15 43 00-0072 EA RCA Jack With 110 Punch Down, Snap-In Modular Jack	64.84	10.89
27 15 43 00-0073 EA 3.5 m Mini Stereo Jack, Snap-In Modular Jack	32.58	10.89
27 15 43 00-0074 EA MT-RJ Pass-Through Coupler, Snap-In Modular Jack	36.66	5.44
27 15 43 00-0075 EA BNC Connector, Snap-In Modular Jack	38.08	10.89
27 15 43 00-0076 EA S-Video With 110 Punch Down, Snap-In Modular Jack	43.07	10.89
27 15 43 00-0077 PR Speaker Connectors, Snap-In Modular Jack	58.79	16.32
Note: Includes a pair of binding posts, banana jacks or spring clip connectors. Requires two open ports.		
27 15 43 00-0078 EA USB Audio Video Connector, Snap-In Modular Jack	66.04	10.89
27 15 43 00-0079 Twist-Lock Industrial Connector Housings (Leviton® Duraport®) <small>(27 15 43)</small>		
Note: Includes jack, connector cap and termination.		
27 15 43 00-0080 EA Category 5E, Twist-Lock Industrial Connector Housing (Leviton® Duraport®)	155.63	10.89
27 15 43 00-0081 EA Cat 6, Twist-Lock Industrial Connector Housing (Leviton® Duraport®)	184.97	10.89
27 15 53 Communications Cable Innerduct <small>(27 15)</small>		
Note: Cable installed in conduit includes pull wires and installation in conduit, innerduct, wiremold, etc. Cable installed exposed includes installation on exposed surfaces, uncovered wireways, cable trays, etc.		
27 15 53 00-0001 Indoor Innerduct <small>(27 15 53)</small>		
27 15 53 00-0002 Indoor Innerduct, Installed In Conduit <small>(27 15 53 00-0001)</small>		
27 15 53 00-0003 Riser Rated, Indoor Innerduct, Installed In Conduit <small>(27 15 53 00-0002)</small>		
27 15 53 00-0004 MLF 1" Riser Rated, Indoor Innerduct, Installed In Conduit	4,429.75	1,629.43
27 15 53 00-0005 MLF 1-1/4" Riser Rated, Indoor Innerduct, Installed In Conduit	5,715.32	2,172.57
27 15 53 00-0006 MLF 1-1/2" Riser Rated, Indoor Innerduct, Installed In Conduit	7,648.64	2,715.72
27 15 53 00-0007 MLF 2" Riser Rated, Indoor Innerduct, Installed In Conduit	8,909.32	3,258.86
27 15 53 00-0008 Plenum Rated, Indoor Innerduct, Installed In Conduit <small>(27 15 53 00-0002)</small>		
27 15 53 00-0009 MLF 3/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	6,824.87	1,086.29
27 15 53 00-0010 MLF 1" Plenum Rated, Indoor Innerduct, Installed In Conduit	7,631.52	1,629.43
27 15 53 00-0011 MLF 1-1/4" Plenum Rated, Indoor Innerduct, Installed In Conduit	9,610.94	2,172.57
27 15 53 00-0012 MLF 1-1/2" Plenum Rated, Indoor Innerduct, Installed In Conduit	12,371.86	2,715.72
27 15 53 00-0013 MLF 2" Plenum Rated, Indoor Innerduct, Installed In Conduit	14,890.89	3,258.86
27 15 53 00-0014 Indoor Innerduct, Installed Exposed <small>(27 15 53 00-0001)</small>		
27 15 53 00-0015 Riser Rated, Indoor Innerduct, Installed Exposed <small>(27 15 53 00-0014)</small>		
27 15 53 00-0016 MLF 1" Riser Rated, Indoor Innerduct, Installed Exposed	5,516.03	2,172.57
<i>For Work In Restricted Working Space, Add</i> 1,303.54		
27 15 53 00-0017 MLF 1-1/4" Riser Rated, Indoor Innerduct, Installed Exposed	6,801.61	2,715.72
<i>For Work In Restricted Working Space, Add</i> 1,629.43		
27 15 53 00-0018 MLF 1-1/2" Riser Rated, Indoor Innerduct, Installed Exposed	8,734.93	3,258.86
<i>For Work In Restricted Working Space, Add</i> 1,955.32		
27 15 53 00-0019 MLF 2" Riser Rated, Indoor Innerduct, Installed Exposed	9,995.59	3,802.00
<i>For Work In Restricted Working Space, Add</i> 2,281.20		
27 15 53 00-0020 Plenum Rated, Indoor Innerduct, Installed Exposed <small>(27 15 53 00-0014)</small>		
27 15 53 00-0021 MLF 3/4" Plenum Rated, Indoor Innerduct, Installed Exposed	7,911.15	1,629.43
27 15 53 00-0022 MLF 1" Plenum Rated, Indoor Innerduct, Installed Exposed	8,717.80	2,172.57
<i>For Work In Restricted Working Space, Add</i> 1,303.54		
27 15 53 00-0023 MLF 1-1/4" Plenum Rated, Indoor Innerduct, Installed Exposed	10,697.23	2,715.72
<i>For Work In Restricted Working Space, Add</i> 1,629.43		
27 15 53 00-0024 MLF 1-1/2" Plenum Rated, Indoor Innerduct, Installed Exposed	13,458.15	3,258.86
<i>For Work In Restricted Working Space, Add</i> 1,955.32		
27 15 53 00-0025 MLF 2" Plenum Rated, Indoor Innerduct, Installed Exposed	15,977.16	3,802.00
<i>For Work In Restricted Working Space, Add</i> 2,281.20		
27 15 53 00-0026 Outdoor Innerduct <small>(27 15 53)</small>		
27 15 53 00-0027 Outdoor Innerduct, Installed In Conduit <small>(27 15 53 00-0026)</small>		
27 15 53 00-0028 MLF 1" Outdoor Innerduct, Installed In Conduit	4,130.80	1,629.43
27 15 53 00-0029 MLF 1-1/4" Outdoor Innerduct, Installed In Conduit	5,274.48	2,172.57
27 15 53 00-0030 MLF 1-1/2" Outdoor Innerduct, Installed In Conduit	6,757.27	2,715.72

27 Communications**27 10 Structured Cabling****27 15 Communications Horizontal Cabling**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 15 53 00-0031	MLF		2" Outdoor Innerduct, Installed In Conduit	8,065.78	3,258.86
27 15 53 00-0032			Outdoor Innerduct, Buried In Trench <small>(27 15 53 00-0026)</small>		
27 15 53 00-0033	MLF		1" Outdoor Innerduct, Buried In Trench	3,044.51	
27 15 53 00-0034	MLF		1-1/4" Outdoor Innerduct, Buried In Trench	4,188.20	
27 15 53 00-0035	MLF		1-1/2" Outdoor Innerduct, Buried In Trench	5,670.98	
27 15 53 00-0036	MLF		2" Outdoor Innerduct, Buried In Trench	6,979.49	
27 16 Communications Connecting Cords, Devices, and Adapters <small>(27 10)</small>					
27 16 16 Communications Media Converters, Adapters, and Transceivers <small>(27 16)</small>					
27 16 16 00-0001			Fiber Optic Receivers <small>(27 16 16)</small>		
27 16 16 00-0002	EA		Fiber Optic Receiver, Range 6.2 Miles	820.36	54.31
27 16 16 00-0003			Fiber Optic Transmitters <small>(27 16 16)</small>		
27 16 16 00-0004	EA		Fiber Optic Transmitter, Range 6.2 Miles	820.35	54.31
27 16 16 00-0005			Fiber Optic Repeaters <small>(27 16 16)</small>		
			Note: Consist of transmitter and receiver, back-to-back. Excludes power source.		
27 16 16 00-0006	EA		Fiber Optic Repeater, 6.2 Miles Transmitter And Receiver Back-Back, No Power	928.98	108.63
27 16 16 00-0007	EA		Fiber Optic Digital Repeater, 2,000 Miles Transmitter And Receiver Back-Back, No Power	1,460.97	217.26
27 16 16 00-0008			Fiber Optic Transceivers <small>(27 16 16)</small>		
27 16 16 00-0009	EA		Fiber Optic Transceivers, 3,000 Miles Range	978.19	217.26
27 16 16 00-0010	EA		Fiber Optic Transceivers, Digital 2,000 Miles Range	978.19	217.26
27 16 16 00-0011	EA		Fiber Optic Ethernet Transceiver	1,283.75	325.88
27 16 16 00-0012	EA		Transceiver (Low Cost Bi- Directional).....	463.44	81.47
27 16 19 Communications Patch Cords, Station Cords, and Cross Connect Wire <small>(27 16)</small>					
27 16 19 00-0001			Cross Connect Wire <small>(27 16 19)</small>		
			Note: Up to 20' length.		
27 16 19 00-0002	EA		2-Pair Cross Connect Wire	17.30	
27 16 19 00-0003	EA		3-Pair Cross Connect Wire	23.17	
27 16 19 00-0004	EA		4-Pair Cross Connect Wire	28.98	
27 16 19 00-0005			Fiber Optic Patch Cords <small>(27 16 19)</small>		
27 16 19 00-0006			Simplex Fiber Optic Patch Cables <small>(27 16 19 00-0005)</small>		
27 16 19 00-0007			Singlemode, Simplex Fiber Optic Patch Cables <small>(27 16 19 00-0006)</small>		
27 16 19 00-0008	EA		ST To ST Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	53.60	
			<i>For Each Additional Meter In Length, Add</i>	0.26	
27 16 19 00-0009	EA		ST To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	43.28	
			<i>For Each Additional Meter In Length, Add</i>	0.26	
27 16 19 00-0010	EA		ST To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	56.69	
			<i>For Each Additional Meter In Length, Add</i>	0.26	
27 16 19 00-0011	EA		SC To SC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	45.64	
			<i>For Each Additional Meter In Length, Add</i>	0.26	
27 16 19 00-0012	EA		SC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable	53.17	
			<i>For Each Additional Meter In Length, Add</i>	0.26	
27 16 19 00-0013	EA		LC To LC Connectors, 1 Meter Length, Singlemode, Simplex Fiber Optic Patch Cable.....	52.33	
			<i>For Each Additional Meter In Length, Add</i>	0.26	
27 16 19 00-0014			Duplex Fiber Optic Patch Cables <small>(27 16 19 00-0005)</small>		
27 16 19 00-0015			Singlemode, Duplex Fiber Optic Patch Cables <small>(27 16 19 00-0014)</small>		
27 16 19 00-0016	EA		ST To ST Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	95.08	
			<i>For Each Additional Meter In Length, Add</i>	0.51	
27 16 19 00-0017	EA		ST To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	92.18	
			<i>For Each Additional Meter In Length, Add</i>	0.51	
27 16 19 00-0018	EA		ST To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	102.52	
			<i>For Each Additional Meter In Length, Add</i>	0.51	
27 16 19 00-0019	EA		SC To SC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	79.19	
			<i>For Each Additional Meter In Length, Add</i>	0.51	
27 16 19 00-0020	EA		SC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable.....	94.22	
			<i>For Each Additional Meter In Length, Add</i>	0.51	
27 16 19 00-0021	EA		LC To LC Connectors, 1 Meter Length, Singlemode, Duplex Fiber Optic Patch Cable	92.58	
			<i>For Each Additional Meter In Length, Add</i>	0.51	
27 16 19 00-0022			Multimode, Duplex Fiber Optic Patch Cables <small>(27 16 19 00-0014)</small>		
27 16 19 00-0023	EA		ST To ST Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	71.23	
			<i>For Each Additional Meter In Length, Add</i>	1.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0024 EA ST To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	77.97	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0025 EA ST To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	78.66	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0026 EA ST To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	80.83	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0027 EA SC To SC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	71.52	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0028 EA SC To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	81.21	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0029 EA SC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	95.85	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0030 EA MTRJ To MTRJ Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	65.30	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0031 EA LC To LC Connectors, 1 Meter Length, Multimode, Duplex Fiber Optic Patch Cable.....	79.95	
<i>For Each Additional Meter In Length, Add</i>	<i>1.48</i>	
27 16 19 00-0032 Fiber Optic Cable Pig Tail <small>(27 16 19)</small>		
27 16 19 00-0033 EA Simplex Fiber Optic Cable Pig Tail.....	77.97	38.02
27 16 19 00-0034 EA Duplex Fiber Optic Cable Pig Tail.....	102.45	38.02
27 16 19 00-0035 Ethernet Patch Cords <small>(27 16 19)</small>		
27 16 19 00-0036 EA 3' Category 5E Patch Cables With Boots.....	13.94	
27 16 19 00-0037 EA 5' Category 5E Patch Cables With Boots.....	15.20	
27 16 19 00-0038 EA 7' Category 5E Patch Cables With Boots.....	16.47	
27 16 19 00-0039 EA 10' Category 5E Patch Cables With Boots.....	23.98	
27 16 19 00-0040 EA 15' Category 5E Patch Cables With Boots.....	30.13	
27 16 19 00-0041 EA 25' Category 5E Patch Cables With Boots.....	39.73	
27 16 19 00-0042 EA 3' Category 6 Patch Cables With Boots.....	15.44	
27 16 19 00-0043 EA 5' Category 6 Patch Cables With Boots.....	18.64	
27 16 19 00-0044 EA 7' Category 6 Patch Cables With Boots.....	18.70	
27 16 19 00-0045 EA 10' Category 6 Patch Cables With Boots.....	22.45	
27 16 19 00-0046 EA 15' Category 6 Patch Cables With Boots.....	29.66	
27 16 19 00-0047 EA 25' Category 6 Patch Cables With Boots.....	37.14	
27 16 19 00-0048 EA 50' Category 6 Patch Cables With Boots.....	58.18	
27 16 19 00-0049 EA 100' Category 6 Patch Cables With Boots.....	101.39	
27 16 19 00-0050 EA 3' Length, Category 6, Exterior Grade Patch Cable With Boots.....	61.39	
27 16 19 00-0051 EA 5' Length, Category 6, Exterior Grade Patch Cable With Boots.....	68.24	
27 16 19 00-0052 EA 7' Length, Category 6, Exterior Grade Patch Cable With Boots.....	75.09	
27 16 19 00-0053 EA 10' Length, Category 6, Exterior Grade Patch Cable With Boots.....	88.09	
27 16 19 00-0054 EA 15' Length, Category 6, Exterior Grade Patch Cable With Boots.....	107.95	
27 16 19 00-0055 EA 25' Length, Category 6, Exterior Grade Patch Cable With Boots.....	142.20	
27 16 19 00-0056 EA 50' Length, Category 6, Exterior Grade Patch Cable With Boots.....	227.84	
27 16 19 00-0057 EA 100' Length, Category 6, Exterior Grade Patch Cable With Boots.....	404.55	
27 16 19 00-0058 EA 3' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®).....	125.38	
<i>Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.</i>		
27 16 19 00-0059 EA 5' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®).....	135.04	
<i>Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.</i>		
27 16 19 00-0060 EA 7' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®).....	144.65	
<i>Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.</i>		
27 16 19 00-0061 EA 10' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®).....	153.90	
<i>Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.</i>		
27 16 19 00-0062 EA 15' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®).....	165.92	
<i>Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.</i>		
27 16 19 00-0063 EA 20' Length, Category 6, Exterior Grade Patch Cable With Industrial Plug One Side (Leviton® Duraport®).....	175.45	
<i>Note: Includes an industrial twist lock plug on one end and a standard RJ45 plug on the other end.</i>		
27 16 19 00-0064 EA 1' Category 6A Patch Cord.....	12.60	
27 16 19 00-0065 EA 2' Category 6A Patch Cord.....	13.12	
27 16 19 00-0066 EA 1 Meter Category 6A Patch Cord.....	13.58	
27 16 19 00-0067 EA 2 Meter Category 6A Patch Cord.....	18.50	
27 16 19 00-0068 EA 3 Meter Category 6A Patch Cord.....	23.95	
27 16 19 00-0069 EA 3' Category 6A Patch Cables With Boots.....	24.08	
27 16 19 00-0070 EA 5' Category 6A Patch Cables With Boots.....	25.62	
27 16 19 00-0071 EA 7' Category 6A Patch Cables With Boots.....	26.77	
27 16 19 00-0072 EA 10' Category 6A Patch Cables With Boots.....	31.21	
27 16 19 00-0073 EA 15' Category 6A Patch Cables With Boots.....	38.16	
27 16 19 00-0074 EA 25' Category 6A Patch Cables With Boots.....	48.08	
27 16 19 00-0075 EA 50' Category 6A Patch Cables With Boots.....	70.36	
27 16 19 00-0076 EA 100' Category 6A Patch Cables With Boots.....	123.74	
27 16 19 00-0077 EA 3' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E03-06).....	13.94	
27 16 19 00-0078 EA 5' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E05-06).....	15.20	
27 16 19 00-0079 EA 7' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E07-06).....	16.47	
27 16 19 00-0080 EA 10' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E10-06).....	23.98	
27 16 19 00-0081 EA 15' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E15-06).....	30.13	
27 16 19 00-0082 EA 25' Category 5E Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC5E25-06).....	39.73	
27 16 19 00-0083 EA 3' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC603-06).....	15.44	
27 16 19 00-0084 EA 5' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC605-06).....	18.64	
27 16 19 00-0085 EA 7' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC607-06).....	18.70	
27 16 19 00-0086 EA 10' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC610-06).....	22.45	
27 16 19 00-0087 EA 15' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC615-06).....	29.66	
27 16 19 00-0088 EA 25' Category 6 Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC625-06).....	37.14	

27 Communications**27 10 Structured Cabling****27 16 Communications Connecting Cords, Devices, and Adapters**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 16 19 00-0089	EA		3' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A03-09)	28.45	
27 16 19 00-0090	EA		5' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A05-09)	30.35	
27 16 19 00-0091	EA		7' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A07-09)	31.77	
27 16 19 00-0092	EA		10' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A10-09)	36.62	
27 16 19 00-0093	EA		15' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A15-09)	44.55	
27 16 19 00-0094	EA		25' Category 6A Patch Cables With Plastic Arch (Ortronics-Legrand OR-MC6A25-09)	56.81	

27 20 Data Communications ⁽²⁷⁾**27 21 Data Communications Network Equipment** ^(27 20)

Note: Includes testing of new devices and certification.

27 21 16 Data Communications Routers, CSU/DSU, Multiplexers, Codecs, and Modems**27 21 16 00-0001**Network Equipment ^(27 21 16)**27 21 16 00-0002**Grounding Bus Bars ^(27 21 16 00-0001)

27 21 16 00-0003	EA		2" x 1/4" x 12", TGB Pattern, Grounding Bus Bar (Chatsworth 13622-012)	189.99	29.39
27 21 16 00-0004	EA		4" x 1/4" x 12", TMGB Pattern, Grounding Bus Bar (Chatsworth 40153-012)	366.67	29.39

27 21 16 00-0005Vertical Cable Management ^(27 21 16 00-0001)

27 21 16 00-0006	EA		3-1/4" Width Channel, 16 Gates, 19" Width x 84" Height, Relay Rack With Cable Channels (Hubbell CR1973)	1,020.02	54.41
27 21 16 00-0007	EA		6" Width Channel, 32 Gates, 19" Width x 84" Height, Relay Rack With Cable Channels (Hubbell CR1976)	1,116.58	54.41
27 21 16 00-0008	EA		3-1/4" Width, 4' Height, 4 Gates, Vertical Cable Organizer (Hubbell VC43)	205.91	27.21
27 21 16 00-0009	EA		4-1/2" Width, 4' Height, 8 Gates, Vertical Cable Organizer (Hubbell VC44)	345.76	27.21
27 21 16 00-0010	EA		6" Width, 4' Height, 8 Gates, Vertical Cable Organizer (Hubbell VC46)	359.08	27.21
27 21 16 00-0011	EA		3-1/4" Width, 7' Height, 8 Gates, Vertical Cable Organizer (Hubbell VC73)	248.53	27.21
27 21 16 00-0012	EA		4-1/2" Width, 7' Height, 16 Gates, Vertical Cable Organizer (Hubbell VC74)	420.68	27.21
27 21 16 00-0013	EA		6" Width, 7' Height, 16 Gates, Vertical Cable Organizer (Hubbell VC76)	420.68	27.21
27 21 16 00-0014	EA		Cover For 3-1/4" Width, 4' Height, Vertical Cable Organizer (Hubbell VCC3)	65.33	5.44
27 21 16 00-0015	EA		Cover For 4-1/2" Width, 4' Height, Vertical Cable Organizer (Hubbell VCC4)	73.49	5.44
27 21 16 00-0016	EA		Cover For 6" Width, 4' Height, Vertical Cable Organizer (Hubbell VCC6)	81.48	5.44
27 21 16 00-0017	LF		Low Voltage Communication, Aluminum Surface Raceway (Panduit Pan-Pole)	42.57	7.93

Note: Exposed installations on masonry, concrete masonry unit (CMU) or drywall walls or ceilings.

27 21 16 00-0018Horizontal Cable Management ^(27 21 16 00-0001)

27 21 16 00-0019	EA		19" Width, 1-3/4" Height, 3-1/2" Ring Depth, Cable Management Duct Panel (Hubbell HC119MS3N)	130.60	21.76
27 21 16 00-0020	EA		19" Width, 3-1/2" Height, 1-3/4" Ring Depth, Cable Management Duct Panel (Hubbell HC219MS1N)	130.60	21.76
27 21 16 00-0021	EA		19" Width, 3-1/2" Height, 3-1/2" Ring Depth, Cable Management Duct Panel (Hubbell HC219MS3N)	135.10	21.76
27 21 16 00-0022	EA		23" Width, 3-1/2" Height, 1-3/4" Ring Depth, Cable Management Duct Panel (Hubbell HC223MS1N)	215.01	21.76
27 21 16 00-0023	EA		19" Width, 1-3/4" Height, 1-3/4" Ring Depth, Enhanced Cable Management Duct Panel (Hubbell HC119CE1N)	192.37	21.76
27 21 16 00-0024	EA		19" Width, 3-1/2" Height, 1-3/4" Ring Depth, Enhanced Cable Management Duct Panel (Hubbell HC219CE1N)	183.04	21.76
27 21 16 00-0025	EA		19" Width, 3-1/2" Height, 3-1/2" Ring Depth, Enhanced Cable Management Duct Panel (Hubbell HC219CE3N)	174.39	21.76
27 21 16 00-0026	EA		19" Width, 3-1/2" Height, 6" Ring Depth, Enhanced Cable Management Duct Panel (Hubbell HC219CE6N)	228.33	21.76
27 21 16 00-0027	EA		19" Width, 3-1/2" Height, 3-1/2" Ring Depth, Enhanced Cable Management Duct Panel With Rear Wire Frame, Cover And Pass Through Holes (Hubbell HC219CC3N)	238.32	21.76
27 21 16 00-0028	EA		19" Width, 3-1/2" Height, 3-1/2" Ring Depth, Enhanced Cable Management Duct Panel With Rear Wire Frame (Hubbell HC219CR3N)	218.34	21.76
27 21 16 00-0029	EA		19" Width, 5-1/4" Height, 6" Ring Depth, Enhanced Cable Management Duct Panel With Rear Wire Frame (Hubbell HC319CE6N)	251.64	21.76
27 21 16 00-0030	EA		1-3/4" Depth, Cable Management Spool (Hubbell HCSPL110)	17.06	6.53
27 21 16 00-0031	EA		3-1/2" Depth, Cable Management Spool (Hubbell HCSPL310)	17.94	6.53
27 21 16 00-0032	EA		6" Depth, Cable Management Spool (Hubbell HCSPL610)	19.27	6.53
27 21 16 00-0033	PR		3-1/2" Depth, Vertical Management Rings (Hubbell HC23VR2)	92.64	6.53
27 21 16 00-0034	PR		6" Depth, Vertical Management Rings (Hubbell HC23VR2)	105.79	6.53

27 21 16 00-0035Fiber Patch Panels ^(27 21 16 00-0001)

27 21 16 00-0036	EA		12 FSP Panel Capacity, Rack Mounted Fiber Patch Panel (Hubbell FCR525SPR)	906.98	108.63
27 21 16 00-0037	EA		12 Capacity, 6 LC Duplex, Preloaded Standard Adapter Panel (Hubbell FSPLC6)	286.77	54.31
27 21 16 00-0038	EA		12 Capacity, 3 LC Quad, Preloaded Standard Adapter Panel (Hubbell FSPLCQ3)	262.46	54.31
27 21 16 00-0039	EA		24 Capacity, 6 LC Quad, Preloaded High Density Adapter Panel (Hubbell FSPLCQ6)	406.64	54.31
27 21 16 00-0040	EA		6 Capacity, 6 FC/PC, Preloaded Standard Split Sleeve Adapter Panel (Hubbell FSPFC6)	291.76	54.31
27 21 16 00-0041	EA		6 Capacity, 6 SC Simplex, Preloaded Standard APC Adapter Panel (Hubbell FSPSCA6)	303.42	54.31
27 21 16 00-0042	EA		8 Capacity, 6 SC Simplex, Preloaded High Density APC Adapter Panel (Hubbell FSPSCA8)	366.68	54.31
27 21 16 00-0043	EA		Blank Plate For Adapter Panels (Hubbell FSPB)	38.20	10.87
27 21 16 00-0044	EA		6 Capacity, SC Simplex Or MT-RJ, Unloaded Standard FSP Adapter Panel (Hubbell FSPMTRJ6X)	128.61	54.31
27 21 16 00-0045	EA		8 Capacity, SC Simplex Or MT-RJ, Unloaded High Density FSP Adapter Panel (Hubbell FSPMTRJ8X)	128.61	54.31
27 21 16 00-0046	EA		6 Capacity, SC Duplex Or LC Quad, Unloaded Standard FSP Adapter Panel (Hubbell FSPSCD3X)	128.61	54.31
27 21 16 00-0047	EA		8 Capacity, SC Duplex Or LC Quad, Unloaded High Density FSP Adapter Panel (Hubbell FSPSCD6X)	128.61	54.31
27 21 16 00-0048	EA		6 Capacity, ST Style, Unloaded Standard FSP Adapter Panel (Hubbell FSPST6X)	126.78	54.31
27 21 16 00-0049	EA		8 Capacity, ST Style, Unloaded High Density FSP Adapter Panel (Hubbell FSPST8X)	128.61	54.31
27 21 16 00-0050	EA		6 Capacity, LC Duplex, Unloaded Standard FSP Adapter Panel (Hubbell FSPLC6X)	128.61	54.31
27 21 16 00-0051	EA		4 Capacity, HD And HXJ Jacks, Unloaded FSP Adapter Panel (Hubbell FSPHD4X)	149.75	54.31

27 21 16 00-0052Equipment Racks ^(27 21 16 00-0001)

27 21 16 00-0053	EA		19" Width x 84" Height, 2-Post Equipment Rack (Hubbell HPW84RR19)	435.78	54.41
27 21 16 00-0054	EA		19" Width x 29" Depth x 84" Height, 4-Post Equipment Rack (Chatsworth Quadrarack)	1,909.93	81.62

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0055 Category 6 Patch Panels <small>(27 21 16 00-0001)</small>		
27 21 16 00-0056 EA 24 Port, Category 6 Patch Panel (Hubbell P624U).....	417.02	35.37
Note: Excludes cabinet and terminations.		
<i>For Rear Cable Management Bar, Add</i>		
	43.62	
27 21 16 00-0057 EA 48 Port, Category 6 Patch Panel (Hubbell P648U).....	779.64	43.53
Note: Excludes cabinet and terminations.		
<i>For Rear Cable Management Bar, Add</i>		
	43.62	
27 21 16 00-0058 EA 96 Port, Category 6 Patch Panel (Hubbell P696U).....	1,451.58	59.86
Note: Excludes cabinet and terminations.		
<i>For Rear Cable Management Bar, Add</i>		
	43.62	
27 21 16 00-0059 EA Category 6, 4-Pair, Connecting Block (Hubbell 6110CB4PR10)	5.54	1.08
27 21 16 00-0060 Faceplates And Modular Connectors <small>(27 21 16 00-0001)</small>		
27 21 16 00-0061 EA Single Gang, Keystone Opening, Flush, Stainless Steel Phone Faceplate (Hubbell P630S1G)	25.58	1.08
Note: Requires one snap-in jack module.		
27 21 16 00-0062 EA Single Gang, RJ25 Jack, Flush, Stainless Steel Phone Faceplate (Hubbell P630S1GJ6)	33.75	1.08
27 21 16 00-0063 EA Single Gang, RJ45 Jack, Flush, Stainless Steel Phone Faceplate (Hubbell P630S1GJ8)	37.84	1.08
27 21 16 00-0064 EA Single Gang, Keystone Opening, Recessed, Stainless Steel Phone Faceplate (Hubbell P630SR1G).....	24.22	1.08
Note: Requires one snap-in jack module.		
27 21 16 00-0065 EA Single Gang, RJ25 Jack, Recessed, Stainless Steel Phone Faceplate (Hubbell P630SR1GJ6)	28.00	1.08
27 21 16 00-0066 EA Single Gang, RJ45 Jack, Recessed, Stainless Steel Phone Faceplate (Hubbell P630SR1GJ8)	32.24	1.08
27 21 16 00-0067 EA Cat 6, Snap In Module (Hubbell HXJ6A)	29.41	2.72
27 21 16 00-0068 EA LC Fiber Connection, Snap In Module (Hubbell SFLC)	32.91	2.72
27 21 16 00-0069 Copper Communications Cabling <small>(27 21 16 00-0001)</small>		
Note: Excludes conduit or innerduct.		
27 21 16 00-0070 Outdoor, Copper Communications Cabling <small>(27 21 16 00-0069)</small>		
27 21 16 00-0071 CLF 25-Pair, 24 AWG, ETPR Filled, Outdoor, Copper Communications Cable	221.61	65.18
27 21 16 00-0072 CLF 50-Pair, 24 AWG, ETPR Filled, Outdoor, Copper Communications Cable	355.91	91.25
27 21 16 00-0073 CLF 100-Pair, 24 AWG, ETPR Filled, Outdoor, Copper Communications Cable	502.19	91.25
27 21 16 00-0074 CLF 200-Pair, 24 AWG, ETPR Filled, Outdoor, Copper Communications Cable	871.29	117.32
27 21 16 00-0075 Indoor, Copper Communications Cabling <small>(27 21 16 00-0069)</small>		
27 21 16 00-0076 Indoor, Plenum Rated, Copper Communications Cabling <small>(27 21 16 00-0075)</small>		
27 21 16 00-0077 CLF 25-Pair, 24 AWG, Plenum Rated, Indoor, Copper Communications Cable	369.69	65.18
27 21 16 00-0078 CLF 50-Pair, 24 AWG, Plenum Rated, Indoor, Copper Communications Cable	434.10	91.25
27 21 16 00-0079 CLF 100-Pair, 24 AWG, Plenum Rated, Indoor, Copper Communications Cable	698.97	91.25
27 21 16 00-0080 CLF 200-Pair, 24 AWG, Plenum Rated, Indoor, Copper Communications Cable	1,315.98	117.32
27 21 16 00-0081 Fiber Optic Modems <small>(27 21 16)</small>		
27 21 16 00-0082 EA Fiber Optic Modems, Range 6.2 Miles.....	1,620.72	217.26
27 21 16 00-0083 EA Fiber Optic Modem, Range 3.1 Miles, 12 Channel	3,103.47	217.26
27 21 16 00-0084 Ethernet Hubs and Switches <small>(27 21 16)</small>		
27 21 16 00-0085 EA 16 Port Managed Hub With Fiberport And Standard Management.....	3,987.09	163.24
27 21 16 00-0086 EA 16 Port Unmanaged Hub	603.58	108.83
27 21 16 00-0087 EA 12 Port, Industrial Ethernet Switch (Cisco IE-4000-4GC4GP4G-E).....	5,521.92	108.83
27 21 16 00-0088 EA Power Supply (Cisco PWR-IE170W-PC-AC).....	1,629.22	54.41
27 21 16 00-0089 Network Equipment <small>(27 21 16)</small>		
27 21 16 00-0090 Communications Entrance Protection <small>(27 21 16 00-0089)</small>		
27 21 16 00-0091 EA 100-Pair, 5 Pin Configuration, 110 Termination, Building Entrance Terminal With Cover (Porta 24100-110-M110C).....	1,127.18	81.62
Note: Excludes terminations.		
27 21 16 00-0092 EA Solid State Protector Module With 4 OHM Heat Coils (CommScope 4C1S)	13.57	1.08
27 21 16 00-0093 Communications Cabinets, Racks, Frames And Enclosures <small>(27 21 16 00-0089)</small>		
27 21 16 00-0094 EA 19" Width x 36" Height x 24" Depth, Wall Mounted Telecommunications Enclosure (Chatsworth 11840-736)	1,374.01	81.62
<i>For Fan Kit (Chatsworth 12804-701), Add</i>		
	194.49	
27 21 16 00-0095 EA 10 Outlet, 125 Volt, 20 Amperes, Telecommunications Cabinet Power Strip (Chatsworth 13239-757).....	1,274.87	5.44
27 21 16 00-0096 Communications Termination Blocks And Patch Panels <small>(27 21 16 00-0089)</small>		
27 21 16 00-0097 Communications Termination Blocks <small>(27 21 16 00-0096)</small>		
27 21 16 00-0098 EA 4-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058810)	358.97	16.29
27 21 16 00-0099 EA 5-Pair, 300-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058802)	333.70	16.29
27 21 16 00-0100 EA 4-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058869)	807.45	16.29
27 21 16 00-0101 EA 5-Pair, 900-Pair Count, 110 Patch Panel System Terminal Block (CommScope 107058851)	750.61	16.29
27 21 16 00-0102 EA 110 Connector System Mounting Brackets (CommScope 107535593).....	108.81	16.29
27 21 16 00-0103 EA 110 Connector System Mounting Brackets (CommScope 107535585).....	118.00	16.29
27 21 16 00-0104 EA 110 Connector System Mounting Brackets (CommScope 107098816).....	135.18	16.29

27	Communications
27 20	Data Communications
27 21	Data Communications Network Equipment

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0105			Communications Copper Patch Panels (27 21 16 00-0096) Note: Excludes cabinet and terminations.		
27 21 16 00-0106	EA		24 Port, Category 5E Patch Panel (CommScope 108208919)	348.25	35.37
27 21 16 00-0107	EA		48 Port, Category 5E Patch Panel (CommScope 108208935)	642.10	43.53
27 21 16 00-0108	EA		24 Port, Category 6 Patch Panel (CommScope 760062372)	521.39	35.37
27 21 16 00-0109	EA		48 Port, Category 6 Patch Panel (CommScope 760062380)	981.17	43.53
27 21 16 00-0110			Communications Optical Fiber Patch Panels (27 21 16 00-0096)		
27 21 16 00-0111			Closet Connector Housings (27 21 16 00-0110)		
27 21 16 00-0112	EA		48 Fiber Total Capacity, Closet Connector Housing (Corning CCH-01U)	496.69	21.76
			Note: Accepts up to 2 closet connector housing panels. Excludes panels.		
27 21 16 00-0113	EA		96 Fiber Total Capacity, Closet Connector Housing (Corning CCH-02U)	582.40	21.76
			Note: Accepts up to 4 closet connector housing panels. Excludes panels.		
27 21 16 00-0114	EA		288 Fiber Total Capacity, Closet Connector Housing (Corning CCH-04U)	730.18	21.76
			Note: Accepts up to 12 closet connector housing panels. Excludes panels.		
27 21 16 00-0115	EA		SC Duplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-91)	125.73	10.89
27 21 16 00-0116	EA		SC Duplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-59)	172.24	10.89
27 21 16 00-0117	EA		SC Simplex Multimode, 62.5 Micron, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-56)	142.15	10.89
27 21 16 00-0118	EA		SC Simplex Singlemode, 12 Fiber, Closet Connector Housing Panel (Corning CCH-CP-3C)	187.27	10.89
27 21 16 00-0119			Communications Cable Management (27 21 16 00-0089)		
27 21 16 00-0120			Horizontal Communication Cable Management (27 21 16 00-0119)		
27 21 16 00-0121	EA		1.7" Height, 19" Width, 3.7" Depth, 1 RU, Front Only, Horizontal Cable Manager (Panduit WMPFSE)	152.16	21.76
27 21 16 00-0122	EA		3-1/2" Height, 19" Width, 3.7" Depth, Horizontal Cable Manager (Panduit WMPF1E)	157.79	21.76
27 21 16 00-0123			Vertical Communication Cable Management (27 21 16 00-0119)		
27 21 16 00-0124	EA		6" Width x 84" Height, Double-Sided Vertical Cabling Section (Chatsworth 11729-703)	963.37	54.41
27 21 16 00-0125	EA		19" Width x 84" Height, Universal Rack (Chatsworth 48353-703)	999.78	54.41
27 21 16 00-0126	EA		23" Width x 84" Height, Universal Rack (Chatsworth 48383-703)	1,081.78	54.41
27 21 16 00-0127			Communications Patch Cords, Station Cords, And Cross Connect Wire (27 21 16 00-0089)		
27 21 16 00-0128			Premise Cross-Connect Wire (27 21 16 00-0127)		
27 21 16 00-0129	LF		1-Pair, 22 AWG Premise Cross-Connect Wire (General Cable 7041973)	1.12	0.54
27 21 16 00-0130			Pathways For Communications Systems (27 21 16 00-0089)		
27 21 16 00-0131			Conduits And Backboxes For Communication Systems (27 21 16 00-0130)		
27 21 16 00-0132			Flexible Conduit For Communication Systems (27 21 16 00-0131)		
27 21 16 00-0133	CLF		1" Diameter, Riser Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlson DF4X1C)	506.13	195.53
27 21 16 00-0134	CLF		1" Diameter, Plenum Rated, Non-Metallic Flexible Conduit With Pull Tape (Carlson CF4X1C)	800.57	195.53
27 21 16 00-0135			Tube Cables For Communication Systems (27 21 16 00-0131)		
27 21 16 00-0136			Outdoor/All-Dielectric Tube Cables (27 21 16 00-0135)		
27 21 16 00-0137	CLF		Two Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC02TOX)	415.44	130.35
27 21 16 00-0138	CLF		Seven Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC07TOX)	631.72	162.94
27 21 16 00-0139	CLF		Nineteen Tube, Outdoor/All-Dielectric Tube Cable (Sumitomo TC19TOX)	1,078.56	195.53
27 21 16 00-0140			Indoor/Riser Rated Tube Cables (27 21 16 00-0135)		
27 21 16 00-0141	CLF		Two Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC02TRX)	484.03	130.35
27 21 16 00-0142	CLF		Four Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC04TRX)	596.93	146.65
27 21 16 00-0143	CLF		Seven Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC07TRX)	679.35	162.94
27 21 16 00-0144	CLF		Nineteen Tube, Indoor/Riser Rated Tube Cable (Sumitomo TC19TRX)	1,293.89	195.53
27 21 16 00-0145			Indoor/Plenum Rated Tube Cables (27 21 16 00-0135)		
27 21 16 00-0146	CLF		Single Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC01TPX)	341.12	130.35
27 21 16 00-0147	CLF		Two Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC02TP2)	516.43	130.35
27 21 16 00-0148	CLF		Four Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC04TP2)	817.97	146.65
27 21 16 00-0149	CLF		Seven Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC07TP2)	1,211.00	162.94
27 21 16 00-0150	CLF		Nineteen Tube, Indoor/Plenum Rated Tube Cable (Sumitomo TC19TP2)	3,894.94	195.53
27 21 16 00-0151			Unjacketed Single Tube Cables (27 21 16 00-0135)		
27 21 16 00-0152	CLF		Single Tube, Unjacketed Single Tube Cable (Sumitomo TC01TGX)	287.76	130.35
27 21 16 00-0153			Multimode Fiber Bundles (27 21 16 00-0135) Note: Includes optical fiber cables.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 16 00-0154 CLF 2-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FR02M6).....	129.97	39.11
27 21 16 00-0155 CLF 4-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB04M6).....	204.28	39.11
27 21 16 00-0156 CLF 6-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB06M6).....	284.32	39.11
27 21 16 00-0157 CLF 12-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB12M6).....	528.22	39.11
27 21 16 00-0158 CLF 18-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB18M6).....	769.65	45.62
27 21 16 00-0159 CLF 24-Fiber, 62.5 Micron, Multimode Fiber Bundle (Sumitomo FB24M6).....	1,013.56	45.62
27 21 16 00-0160 Singlemode Fiber Bundles (27 21 16 00-0135) Note: Includes optical fiber cables.		
27 21 16 00-0161 CLF 2-Fiber, Singlemode Fiber Bundle (Sumitomo FR02SX).....	114.72	39.11
27 21 16 00-0162 CLF 4-Fiber, Singlemode Fiber Bundle (Sumitomo FB04SX).....	147.12	39.11
27 21 16 00-0163 CLF 6-Fiber, Singlemode Fiber Bundle (Sumitomo FB06SX).....	173.80	39.11
27 21 16 00-0164 CLF 12-Fiber, Singlemode Fiber Bundle (Sumitomo FB12SX).....	225.24	39.11
27 21 16 00-0165 CLF 18-Fiber, Singlemode Fiber Bundle (Sumitomo FB18SX).....	320.44	45.62
27 21 16 00-0166 CLF 24-Fiber, Singlemode Fiber Bundle (Sumitomo FB24SX).....	466.67	45.62
27 21 16 00-0167 Tube Distribution Cabinets (27 21 16 00-0135)		
27 21 16 00-0168 EA Modular Tube Distribution Cabinet (Sumitomo DE06MDU)..... Note: Up to six 7-tube cables or two 19-tube cables.	257.02	54.41
27 21 16 00-0169 Modular Fiber Termination Cabinets (27 21 16 00-0135)		
27 21 16 00-0170 EA 24-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT24WFM).....	331.74	54.41
27 21 16 00-0171 EA 48-Fiber Capacity, Wall Mount, Modular Fiber Termination Cabinet (Sumitomo FT48WFM).....	355.37	54.41
27 21 16 00-0172 Tube Distribution Accessories (27 21 16 00-0135)		
27 21 16 00-0173 EA Plastic Push/Pull Quick Release Pneumatic Cap For 8 mm Tube (Sumitomo DE08MA).....	13.54	5.44
27 21 16 00-0174 EA Plastic Push/Pull Quick Release Pneumatic Coupling For 8 mm Tube (Sumitomo DE08MC2).....	15.20	5.44
27 21 16 00-0175 EA Brass Push/Pull Quick Release Pneumatic Coupling For 8 mm Bulkhead Tube (Sumitomo DE08MB).....	19.46	5.44
27 21 16 00-0176 Communications Optical Fiber Cabling (27 21 16 00-0089)		
27 21 16 00-0177 Communications Optical Fiber Cable Splicing And Terminations (27 21 16 00-0176)		
27 21 16 00-0178 Field Installed Fiber Connectors (27 21 16 00-0177)		
27 21 16 00-0179 EA SC Type, Singlemode, Field Installed Fiber Connector (Corning 95-200-42).....	43.15	8.16
27 21 16 00-0180 EA SC Type, 62.5 Micron Multimode, Field Installed Fiber Connector (Corning 95-000-41).....	37.68	8.16
27 21 16 00-0181 Buffer Tube Fan-Out Kits (27 21 16 00-0177)		
27 21 16 00-0182 Buffer Tube Breakout Kits (Sumitomo) (27 21 16 00-0181) Note: Includes 900 micron tubing.		
27 21 16 00-0183 EA 2-Fiber Breakout Kit (Sumitomo FTFLD02).....	240.13	108.63
27 21 16 00-0184 EA 4-Fiber Breakout Kit (Sumitomo FTFLD04).....	245.84	108.63
27 21 16 00-0185 EA 6-Fiber Breakout Kit (Sumitomo FTFLD06).....	250.89	108.63
27 21 16 00-0186 EA 12-Fiber Breakout Kit (Sumitomo FTFLD12).....	266.58	108.63
27 21 16 00-0187 EA 18-Fiber Breakout Kit (Sumitomo FTFLD18).....	288.03	108.63
27 21 16 00-0188 EA 24-Fiber Breakout Kit (Sumitomo FTFLD24).....	303.96	108.63
27 21 16 00-0189 Buffer Tube Fan-Out Kits (Corning) (27 21 16 00-0181)		
27 21 16 00-0190 EA 12 Fiber, 25" Tube Length, Indoor Buffer Tube Fan-Out Kit (Corning Fan-BT25-12).....	242.78	108.63
27 21 16 00-0191 EA 12 Fiber, 25" Tube Length, Outdoor Buffer Tube Fan-Out Kit (Corning Fan-OD25-12).....	299.39	108.63
27 21 16 00-0192 Communications Copper Cabling (27 21 16 00-0089)		
27 21 16 00-0193 Copper Communications Cable Splicing And Terminations (27 21 16 00-0192)		
27 21 16 00-0194 Copper Communications Cable Splice Cases (27 21 16 00-0193)		
27 21 16 00-0195 EA 6.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000626).....	1,152.87	217.26
27 21 16 00-0196 EA 9.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8000630).....	1,358.18	217.26
27 21 16 00-0197 EA 12.5" x 28.4" Copper Communications Cable Splice Case (Preformed Line Products 8006219).....	2,040.41	217.26
27 21 16 00-0198 Modular Splice Connectors (27 21 16 00-0193)		
27 21 16 00-0199 EA 25-Pair, Straight Body Only, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-SC1-25).....	118.59	54.31
27 21 16 00-0200 EA 25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Dry Modular Splice Connector (3M 710-SD1-25).....	116.37	54.31
27 21 16 00-0201 EA 25-Pair, Straight/Half Tap Body, 26-24 Gauge Cable, Filled Modular Splice Connector (3M 710-TC1-25).....	118.64	54.31
27 21 16 00-0202 EA 25-Pair, Bridge Body, 26-22 Gauge Cable, Filled Modular Splice Connector (3M 710-BC1-25).....	118.33	54.31
27 21 26 Data Communications Network Management (27 21)		
27 21 26 00-0001 Data Communications Network Management (27 21 26)		
27 21 26 00-0002 EA 3 Port, Terminal/Serial Device Server (Comtrol 99560-9).....	671.75	27.16
27 21 26 00-0003 EA 2 Port, Terminal/Serial Device Server (Comtrol 99550-0).....	514.46	27.16
27 21 26 00-0004 EA 4 Port, DB9 Terminal/Serial Device Server (Comtrol 99445-9).....	722.26	27.16

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 26 00-0005	EA		4 Port, DB9 Terminal/Serial Device Server (Comtrol 99448-0).....	1,138.95	27.16
27 21 26 00-0006	EA		24 Watt, Din Rail Mountable, Power Adapter (Comtrol PS1020).....	104.69	
27 21 26 00-0007	EA		Remote Data Port, Spectra Positioning System (Pelco IPS_RDPE_2).....	501.54	16.29
27 21 26 00-0008	EA		Sennetech Code Translator (Pelco SCT_100_AD232).....	828.14	27.16
27 21 26 00-0009	EA		VPN Router (Cisco 819HG).....	4,783.81	348.24
27 21 26 00-0010	EA		Cisco Catalyst 3000 Series Switches (Cisco IE-3000 - 8TC).....	3,357.35	348.24
27 21 26 00-0011	EA		WS-C4507R+E Chassis, Two WS-X4648-RJ45V+E, Sup7L-E, LAN Base (Cisco WS-C4507RE+96V+).....	18,369.99	130.35
27 21 26 00-0012	EA		SMARTnet Extended Service Agreement, SNTC-8X5XNBD WS-C4507R+E Chassis,2 WS-X4648-RJ45V+E (Cisco CON-SNT-C4507REV).....	587.82	
27 21 26 00-0013	EA		Sup8-E And WS-X4748-RJ45V+E Upgrade For Bundle (Cisco C4500E-S7L-S8).....	12,601.81	130.35
27 21 26 00-0014	EA		Catalyst 4500 E-Series Redundant Supervisor 8-E (Cisco WS-X45-SUP8-E/2).....	27,546.84	130.35
27 21 26 00-0015	EA		Catalyst 4500 2GB SD Memory Card (Cisco SD-X45-2GB-E).....	650.38	10.89
27 21 26 00-0016	EA		Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV).....	4,776.68	13.58
27 21 26 00-0017	EA		Catalyst 4500 4200W AC Dual Input Power Supply (Data + PoE) (Cisco PWR-C45-4200ACV/2).....	4,141.90	13.58
27 21 26 00-0018	EA		13', NEMA 6-20 To IEC-C19 Power Cable (Cisco CAB-US620P-C19-US).....	72.77	5.44
27 21 26 00-0019	EA		1000BASE-SX SFP Transceiver Module, MMF, 850nm, DOM (Cisco GLC-SX-MMD=).....	224.65	54.31
27 21 26 00-0020	EA		Cisco Catalyst 3850 24 Port Data IP Base (Cisco WS-C3850--24TS).....	3,511.68	130.35
27 21 26 00-0021	EA		SMARTnet Extended Service Agreement, 8X5XNBD Cisco Catalyst 3850 24 Port Data IP Base (Cisco CON-SNT-WSC384TS).....	773.43	
27 21 26 00-0022	EA		North America AC Type A Power Cable (Cisco CAB-TA-NA).....	23.36	5.44
27 21 26 00-0023	EA		350 Watt AC Power Supply (Cisco PWR-C1-350WAC).....	319.52	13.58
27 21 26 00-0024	EA		Cisco Catalyst 3850 4x1GE Network Module (Cisco C3850-NM-4-1G).....	800.66	13.61
27 21 26 00-0025	EA		1' (30cm), Catalyst 3750X Stack Power Cable (Cisco CAB-SPWR-30CM).....	116.45	5.44
27 21 26 00-0026	EA		Rack Mount Switch 16 100 SFP 8 10/100 PoE 2 Geuplinks (Cisco IE-3010-16S-8PC).....	4,202.59	130.35
27 21 26 00-0027	EA		SMARTnet Extended Service Agreement, 8X5XNBD IA Rack Mount Switch 16 100 SFP 8 10/10 (Cisco CON-SNT-301016S8).....	776.53	
27 21 26 00-0028	EA		IE 3010 Power Supply (Cisco PWR-RGD-AC-DC/IA).....	684.59	13.58
27 21 26 00-0029	EA		IE 3010 AC-DC Redundant Power Supply (Cisco PWR-RGD-AC-DC/IA/R).....	695.42	13.58
27 21 26 00-0030	EA		4 Ethernet 10/100 Ports And 2 Dual-Purpose Uplinks, Industrial Ethernet Switch (Cisco IE-3000-4TC).....	1,433.42	130.35
27 21 26 00-0031	EA		Expansion Power Module For Cisco IE-3000-4TC (Cisco PWR-IE50W-AC-IEC).....	375.26	13.61
27 21 26 00-0032	EA		4 Port, Expansion SFP Module for IE-3000-4TC (Cisco IEM-3000-4SM).....	1,775.21	13.61
27 21 26 00-0033	EA		Router (CISCO IR829).....	1,578.39	54.41

27 21 29 Data Communications Switches and Hubs (27 21)

27 21 29 00-0001

Data Communications Multimedia Modular Patch Panels (27 21 29)

Note: Unloaded multimedia patch panels that accept modular jacks for category 3, 5e, 6, fiber optic, etc. Excludes rack, modular jacks and terminations. See CSI section 27 15 43 00-0056 for modular jacks.

27 21 29 00-0002	EA		12 Port, Wall Mount Multimedia Modular Patch Panel, Unloaded.....	137.16	5.43
27 21 29 00-0003	EA		16 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	151.81	5.43
27 21 29 00-0004	EA		24 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	180.17	5.43
27 21 29 00-0005	EA		36 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	188.87	5.43
27 21 29 00-0006	EA		48 Port, Rack Mount Multimedia Modular Patch Panel, Unloaded.....	205.93	6.79
27 21 29 00-0007	EA		24 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	196.09	5.43
27 21 29 00-0008	EA		48 Port, Rack Mount Multimedia Modular Angled Patch Panel, Unloaded.....	246.11	6.79
27 21 29 00-0009	EA		Rack Mount Rear Cable Management Bar.....	64.16	6.79

27 21 33 Data Communications Wireless Access Points (27 21)

27 21 33 00-0001

Data Communications Wireless Access Points (27 21 33)

27 21 33 00-0002	EA		Base Station Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-BSU).....	4,844.92	162.94
27 21 33 00-0003	EA		Base Station Unit, 300 Mbps, MIMO 2x2, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1).....	11,693.97	162.94
27 21 33 00-0004	EA		Base Station Unit, 300 Mbps, MIMO 2x2, 16 dBi, 90 Degree Sector Antenna US PoE (Proxim Wireless MP-8250-BS9).....	11,693.97	162.94
27 21 33 00-0005	EA		Subscriber Unit, 300 Mbps, MIMO 2x2, Type-N Connectors US PoE (Proxim Wireless MP-8200-SUA).....	1,872.40	162.94
27 21 33 00-0006	EA		Subscriber Unit, 300 Mbps, MIMO 2x2, 23 dBi, Panel Antenna US PoE (Proxim Wireless MP-8250-SUR).....	2,204.76	185.28
27 21 33 00-0007	EA		Base Station Unit, 300 Mbps, MIMO 3x3, GPS Sync Ready, Type-N Connectors - US PoE (Proxim Wireless MP-8200-BSU-G).....	6,239.94	185.28
27 21 33 00-0008	EA		Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 23 dBi, 10° Panel Antenna - US PoE (Proxim Wireless MP-8250-BS1-G).....	9,501.43	185.28
27 21 33 00-0009	EA		Base Station Unit, 300 Mbps, MIMO 2x2, GPS Sync Ready, 16 dBi, 90° Sector Antenna - US PoE (Proxim Wireless MP-8250-BS9-G).....	9,501.43	185.28
27 21 33 00-0010	EA		50 Mbps (upgradable to 100 Mbps), MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-50).....	1,944.02	61.76
27 21 33 00-0011	EA		100 Mbps, MIMO 2x2, 15 dBi integrated antenna - US PoE (Proxim Wireless QB-825-LNK-100).....	1,971.41	61.76
27 21 33 00-0012	EA		Surge, Gigabit Surge Protector With Shielded RJ45 (Proxim Wireless ETH-SURGE-1G).....	178.20	30.88
27 21 33 00-0013	EA		FlexPort uWave AdaptRate And Modulation Feature Upgrade (BridgeWave Communications FPUWAVE-UPG-ARM).....	1,701.59	
27 21 33 00-0014	EA		1' High Performance Dish Antenna, Low Profile, 21.2-23.6 GHz, WR42 Flange, SOI (Radio Waves HPLP1-23RR).....	594.36	54.31
27 21 33 00-0015	EA		Cellular Phone / Wi-Fi Antenna (Sierra Wireless AP-CWG-Q-S222-VH).....	490.33	54.31
27 21 33 00-0016	EA		Cell LTE MIMO Antenna (Sierra Wireless 1810075).....	83.97	21.72
27 21 33 00-0017	EA		AirLink GX400 Power Adapter (Sierra Wireless 2700384).....	77.38	
27 21 33 00-0018	EA		AirLink GX400 Power Cable (Sierra Wireless 2000380).....	44.61	
27 21 33 00-0019	EA		Cellular/PCS/LTE, Hockey Puck Antenna (Sierra Wireless AP-C-Q-S2-BL).....	309.63	54.31
27 21 33 00-0020	EA		Cellular/PCS/LTE/GPS, Multi-Band Antenna (Sierra Wireless AP-CG-Q-S22-BL).....	311.64	54.31
27 21 33 00-0021	EA		2 Way, RF Power Divider, 790-920 MHz (Telewave ANTPD28D).....	430.27	54.41
27 21 33 00-0022	EA		Wireless Cellular Modem (Sierra Wireless AirLink GX400 EVDO/GPS).....	1,100.98	81.62
27 21 33 00-0023	EA		Wireless Cellular Modem (Sierra Wireless AirLink GX450 Rugged).....	1,414.09	81.62
27 21 33 00-0024	EA		Magnetic Mount Cellular Antenna (Wilson Electronics 301125).....	76.44	16.29
27 21 33 00-0025	EA		Yagi Antenna, 890-960 MHz, 10 dBd Gain (PCTEL Bluewave Antennas BGYD890K).....	291.30	61.76
27 21 33 00-0026	EA		Andrew® Omni Antenna, 890-960 MHz, 360° Horizontal Beamwidth, Fixed Electrical Tilt, Fits On 38-51 mm (1-1/2 to 2 in) OD Pipe (Commscope DB583-Y).....	984.91	61.76

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 21 33 00-0027 EA Single Channel Bluetooth Sensor With Bluetooth Module And Antenna (DeepBlue SC)	4,896.49	54.41
27 21 33 00-0028 EA Point-to-Point Wireless Bridge (Proxim Tsunami® QB-10150)	2,480.14	54.31

27 29 Data Communications Network Systems (27 20)

Note: Materials only, excludes installation.

27 29 00 00-0001 Aruba Networks - Material Devices (27 29)

27 29 00 00-0002 Access Points and Accessories (27 29 00 00-0001)

27 29 00 00-0003 EA Aruba 104 Wireless Access Point (802.11abgn 2x2:2, dual radio, antenna connectors) (Aruba networks AP-104)	1,433.92
27 29 00 00-0004 EA Aruba 104 Wireless Access Point, FIPS/TAA (Aruba networks AP-104-F1)	1,640.24
27 29 00 00-0005 EA Aruba 105 Wireless Access Point (802.11abgn 2x2:2, dual radio, integrated antennas) (Aruba networks AP-105)	1,433.92
27 29 00 00-0006 EA Aruba 105 Wireless Access Point, FIPS/TAA (Aruba networks AP-105-F1)	1,640.24
27 29 00 00-0007 EA Aruba 124 Wireless Access Point (802.11a/n + b/g/n) (Aruba networks AP-124)	2,052.88
27 29 00 00-0008 EA Aruba 124 Wireless Access Point (802.11a/n + b/g/n), FIPS/TAA (Aruba networks AP-124-F1)	2,465.52
27 29 00 00-0009 EA Aruba 125 Wireless Access Point (802.11a/n + b/g/n) (Aruba networks AP-125)	2,052.88
27 29 00 00-0010 EA Aruba 125 Wireless Access Point (802.11a/n + b/g/n), FIPS/TAA (Aruba networks AP-125-F1)	2,465.52
27 29 00 00-0011 EA Aruba AP-134 Wireless Access Point (Aruba networks AP-134)	2,259.20
27 29 00 00-0012 EA Aruba 134 Wireless Access Point, FIPS/TAA (Aruba networks AP-134-F1)	2,671.84
27 29 00 00-0013 EA Aruba AP-135 Wireless Access Point (Aruba networks AP-135)	2,259.20
27 29 00 00-0014 EA Aruba 135 Wireless Access Point, FIPS/TAA (Aruba networks AP-135-F1)	2,671.84
27 29 00 00-0015 EA AP-175P, 802.11n dual 2x2 320mW; POE (Aruba networks AP-175P)	4,735.04
27 29 00 00-0016 EA AP-175P, 802.11n dual 2x2 320mW, POE, FIPS/TAA (Aruba networks AP-175P-F1)	5,457.16
27 29 00 00-0017 EA AP-175AC Outdoor Access Point, 802.11n 2x2 dual radio 320mW; AC powered (with PSE) (Aruba networks AP-175AC)	5,354.00
27 29 00 00-0018 EA AP-175AC, 802.11n dual 2x2 320mW, AC, FIPS/TAA (Aruba networks AP-175AC-F1)	6,179.28
27 29 00 00-0019 EA AP-175DC Outdoor Access Point, 802.11n 2x2 dual radio 320mW; DC powered (with PSE) (Aruba networks AP-175DC)	5,354.00
27 29 00 00-0020 EA AP-175DC, 802.11n dual 2x2 320mW, DC, FIPS/TAA (Aruba networks AP-175DC-F1)	6,179.28
27 29 00 00-0021 EA Aruba 68 Wireless Access Point (Aruba networks AP-68)	608.64
27 29 00 00-0022 EA Aruba 92 Wireless Access Point, 802.11abgn, dual-band, single radio, antenna connectors (Aruba networks AP-92)	814.96
27 29 00 00-0023 EA Aruba 92 Wireless Access Point, FIPS/TAA (Aruba networks AP-92-F1)	928.44
27 29 00 00-0024 EA Aruba 93 Wireless Access Point, 802.11abgn, dual-band, single radio, integrated antennas (Aruba networks AP-93)	814.96
27 29 00 00-0025 EA Aruba 93 Wireless Access Point, FIPS/TAA (Aruba networks AP-93-F1)	928.44
27 29 00 00-0026 EA Aruba 93H Access Point, 802.11abgn, dual-band, single radio, integrated antennas, 4 port switch (hospitality variant) (Aruba networks AP-93H)	1,021.28
27 29 00 00-0027 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Australia (Aruba networks AP-AC-AUS-2)	113.48
27 29 00 00-0028 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Brazil Version (Aruba networks AP-AC-BR-2)	113.48
27 29 00 00-0029 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - China (Aruba networks AP-AC-CHN-2)	113.48
27 29 00 00-0030 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Schuko (Aruba networks AP-AC-EC-2)	113.48
27 29 00 00-0031 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - India (Aruba networks AP-AC-IN-2)	113.48
27 29 00 00-0032 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Italy (Aruba networks AP-AC-IT-2)	113.48
27 29 00 00-0033 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Japan (Aruba networks AP-AC-JPN-2)	113.48
27 29 00 00-0034 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Korea (Aruba networks AP-AC-KOR-2)	113.48
27 29 00 00-0035 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - North American 2 Prong Version (Aruba networks AP-AC-LA-2)	113.48
27 29 00 00-0036 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - North America Version (Aruba networks AP-AC-NA-2)	113.48
27 29 00 00-0037 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - United Kingdom (Aruba networks AP-AC-UK-2)	113.48
27 29 00 00-0038 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Argentina (Aruba networks AP-AC-ARG-2)	113.48
27 29 00 00-0039 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Denmark (Aruba networks AP-AC-DEN-2)	113.48
27 29 00 00-0040 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Israel (Aruba networks AP-AC-IL-2)	113.48
27 29 00 00-0041 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - Switzerland (Aruba networks AP-AC-SWI-2)	113.48
27 29 00 00-0042 EA AP 60/61/65/70/120 Series AC Power Adapter Kit - South Africa (Aruba networks AP-AC-ZA-2)	113.48
27 29 00 00-0043 EA 2.4-2.5GHz (4.4dBi) / 4.9-5.9GHz (3.3dBi), Down-Tilt, Smallest Form Factor Omni-Directional Single Antenna with ceiling mount hardware. RP-SMA Connector (Aruba networks AP-ANT-13B)	288.85
27 29 00 00-0044 EA 2.4-2.5GHz (4.4dBi) / 4.9-5.9GHz (3.3dBi), Down-Tilt, Smallest Form Factor Omni-Directional Single Antenna with ceiling mount hardware. RP-SMA Connector, Kit of quantity: 3 (Aruba networks AP-ANT-13B-KIT)	804.65
27 29 00 00-0045 EA 2.4-2.5GHz (5.0dBi) / 4.90-5.99GHz (5.0dBi), Dual-band, 120 Degree Sector Antenna, RP-SMA. (Aruba networks AP-ANT-15)	711.80
27 29 00 00-0046 EA 2.4-2.5GHz (3.9dBi) / 4.9-5.9GHz (4.7dBi), 3 Element MIMO Antenna in a single mechanical package, Down-Tilt Omni-Directional with ceiling mount hardware. RP-SMA Connectors (Aruba networks AP-ANT-16)	711.80
27 29 00 00-0047 EA 2.4-2.5GHz (6.0dBi) / 4.9-5.875GHz (5.0dBi), 3 Element MIMO 120 Degree Sector Antenna, mounting hardware only included; no Az/El adjustment. RP-SMA Connectors. To support pole mount or az/el adjustment on wall mount, order AP-ANT-MNT-1 kit in addition to antenna. (Aruba networks AP-ANT-17)	753.07
27 29 00 00-0048 EA 2.4-2.5GHz (7.5dBi) / 5.15-5.875GHz (7.5dBi), 3 Element MIMO 60 Degree Sector Antenna. 3x 3ft pigtail, RP-SMA Connectors. Direct wall mounting hardware (anchors and screws) included; no az/el adjustment. For az/el adjustment on wall mount or pole mount order AP-ANT-MNT-1 kit in addition to antenna. (Aruba networks AP-ANT-18)	753.07
27 29 00 00-0049 EA 2.4/5G Dual Band, Omnidirectional 3dBi/6dBi, Indoor/Outdoor, RPSMA connector with 36 inch integrated pigtail cable. Pole mount, I-beam, and ceiling tile mount hardware included. (Aruba networks AP-ANT-19)	309.48
27 29 00 00-0050 EA 2.4/5G Dual Band, Omnidirectional 3dBi/6dBi, Indoor/Outdoor, RPSMA connector with 36 inch integrated pigtail cable. Pole mount, I-beam, and ceiling tile mount hardware included. (Kit of 3) (Aruba networks AP-ANT-19-KIT)	814.96
27 29 00 00-0051 EA 2.4-2.5GHz (2dBi) / 4.9-5.875GHz (2dBi), compact omni-directional direct-mount indoor antenna. RP-SMA, classic (Aruba networks AP-ANT-20A)	41.26
27 29 00 00-0052 EA 2.4-2.5GHz (2dBi) / 4.9-5.875GHz (2dBi), compact omni-directional direct-mount indoor antenna. RP-SMA, white (Aruba networks AP-ANT-20W)	41.26
27 29 00 00-0053 EA 2.4-2.5GHz (3.8dBi) / 4.9-5.875GHz (5.8dBi), High-Gain Omni-Directional Detachable Antenna. RP-SMA (Aruba networks AP-ANT-1B)	61.90
27 29 00 00-0054 EA AP Antenna with integrated cellular interference filter, 2.4-2.5GHz (2.0dBi) / 4.9-5.875GHz (5.0dBi), Omni-Directional Direct-Mount Antenna. RP-SMA Connector (Aruba networks AP-ANT-1F)	61.90

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0055	EA		2.4-2.5GHz (3.8dBi) / 4.9-5.875GHz (5.8dBi), High-Gain Omni-Directional Detachable Antenna. RP-SMA (Pair) (Aruba networks AP-ANT-1BP)	123.79	
27 29 00 00-0056	EA		2.4-2.5GHz (3.0dBi)/ 4.90-5.99GHz (4.0dBi), Down-tilt, Omni-Directional Diversity Antenna c/w overhang mount hardware. N-Type Connector (Aruba networks AP-ANT-90)	1,237.92	
27 29 00 00-0057	EA		2.4-2.5GHz (6.0dBi) / 4.9-5.875GHz (5.0dBi), 3 Element MIMO 120 Degree Sector Antenna, mounting hardware only included; no Az/El adjustment. N-Type Connectors. To support pole mount or az/el adjustment on wall mount, order AP-ANT-MNT-1 kit in addition to antenna. (Aruba networks AP-ANT-92)	753.07	
27 29 00 00-0058	EA		5.125-6.1GHz (14.0dBi), 3 Element MIMO High-Gain 20 Degree Directional Panel Antenna, N-Type Female, Az/El mounting kit included, Cables NOT included (Aruba networks AP-ANT-93)	1,021.28	
27 29 00 00-0059	EA		Dual Band, 120 Degree Sector, 5 dBi, ±45 Polarization, 2 Element MIMO, 2x 3ft pigtailed, N-type connectors. To support pole mount or az/el adjustment on wall mount, order AP-ANT-MNT-1 kit in addition to antenna. (Aruba networks ANT-2X2-D805)	753.07	
27 29 00 00-0060	EA		Dual Band, 60 Degree Sector, 7 dBi, ±45 Polarization, 2 Element MIMO, 2x 3ft pigtailed, N-type connectors. To support pole mount or az/el adjustment on wall mount, order AP-ANT-MNT-1 kit in addition to antenna. (Aruba networks ANT-2X2-D607)	753.07	
27 29 00 00-0061	EA		Pair (H/V Polarization) 2.4GHz, Omni-directional, 5dBi, Direct-mount, N-type connectors. Pole mount, I-beam, and ceiling tile mount hardware included. Requires N-male to N-female extension cable if not used in direct mount. (Aruba networks ANT-2x2-2005)	608.64	
27 29 00 00-0062	EA		2.4 GHz, 14 dBi, 30 Degree x 30 Degree, H and V polarized MIMO High-Gain Directional Panel Antenna, 2 x N-Type female connectors, Cable NOT included. Outdoor rated. (Aruba networks ANT-2X2-2314)	876.86	
27 29 00 00-0063	EA		2.4 GHz, 14.0 dBi, 70 Degree, ±45 Degree polarized 2 Element MIMO High-Gain Directional Panel Antenna, 2x N-Type Female connectors, Cables NOT included (Aruba networks ANT-2x2-2714)	814.96	
27 29 00 00-0064	EA		Pair (H/V Polarization) 5GHz, Omni-directional, 5dBi, Direct-mount, N-type connectors. Pole mount, I-beam, and ceiling tile mount hardware included. Requires N-male to N-female extension cable if not used in direct mount. (Aruba networks ANT-2x2-5005)	608.64	
27 29 00 00-0065	EA		Pair (H/V Polarization) 5GHz, Omni-directional, 10dBi, Direct-mount, N-type connector. Pole mount, I-beam, and ceiling tile mount hardware included. Requires N-male to N-female extension cable if not used in direct mount. (Aruba networks ANT-2x2-5010)	814.96	
27 29 00 00-0066	EA		5.15-5.9 GHz, 14 dBi, 30 Degree x 30 Degree, H and V polarized MIMO High-Gain Directional Panel Antenna, 2 x N-Type female connectors, Cable NOT included. Outdoor rated. (Aruba networks ANT-2X2-5314)	876.86	
27 29 00 00-0067	EA		4.9-5.9 GHz, 14.0 dBi, 60 Degree, ±45 Degree polarized 2 Element MIMO High-Gain Directional Panel Antenna, 2x N-Type Female connectors, Cables NOT included. Note: The ANT-2x2-5614 antenna is not approved for use in North America; select ANT-2x2-5614L or ANT-2x2-5614U instead. (Aruba networks ANT-2x2-5614)	814.96	
27 29 00 00-0068	EA		5.5-5.9 GHz, 14.0 dBi, 60 Degree, ±45 Degree polarized 2 Element MIMO High-Gain Directional Panel Antenna, 2x N-Type Female connectors, Cables NOT included (Aruba networks ANT-2x2-5614U)	814.96	
27 29 00 00-0069	EA		4.9-5.5 GHz, 14.0 dBi, 60 Degree, ±45 Degree polarized 2 Element MIMO High-Gain Directional Panel Antenna, 2x N-Type Female connectors, Cables NOT included. (Aruba networks ANT-2x2-5614L)	814.96	
27 29 00 00-0070	EA		Azimuth and Elevation adjustable Mount Kit for AP-ANT-17, AP-ANT-18, AP-ANT-92, ANT-2x2-D607 and ANT-2x2-D805. Includes hardware for pole or wall mounting with AZ/EL adjustment. (Aruba networks AP-ANT-MNT-1)	196.00	
27 29 00 00-0071	EA		In-line RF antenna cellular interference filter (high-pass). RP-SMA connectors (Aruba networks AP-HPF-SMA)	61.90	
27 29 00 00-0072	EA		Aruba Outdoor Antenna Lightning Arrester for outdoor Access Points: Single, In-line lightning arrester with N-type Male to N-type Female interface. Supports RF frequency passthrough of 2Ghz – 6Ghz. (Aruba networks AP-LAR-1)	309.48	
27 29 00 00-0073	EA		Aruba Outdoor Antenna Lightning Arrester for outdoor Access Points: Single, In-line lightning arrester with N-type Male to N-type Female interface. Supports RF frequency Passband of 2.4-2.5 GHz (Aruba networks AP-LAR-24)	309.48	
27 29 00 00-0074	EA		1 Port 802.3af PoE Midspan 10/100 15.4W (Aruba networks PD-3501-AC)	92.84	
27 29 00 00-0075	EA		1 Port 802.3af PoE Midspan 10/100/1000 15.4W (Aruba networks PD-3501G-AC)	196.00	
27 29 00 00-0076	EA		1 Port 802.3at PoE Midspan 10/100/1000 30W (Aruba networks PD-9001G-AC)	299.16	
27 29 00 00-0077	EA		1 Port 802.3at 4P PoE Midspan 10/100/1000 60W (Aruba networks PD-9501G-AC)	505.48	
27 29 00 00-0078	EA		1 Port 802.3at PoE Midspan 10/100/1000 30W Outdoor; NA power cord (Aruba networks PD-9001GO-NA)	1,433.92	
27 29 00 00-0079	EA		1 PORT GE 802.3AT MIDSPAN (Aruba networks PD-9001GR-AC)	299.16	
27 29 00 00-0080	EA		1 Port 802.3at PoE Midspan 10/100/1000 30W Outdoor; EU/International power cord (Aruba networks PD-9001GO-INTL)	1,433.92	
27 29 00 00-0081	EA		Pole / Mast mount kit for outdoor POE midspan injectors (Aruba networks PD-MOUNT-OD)	257.90	
27 29 00 00-0082	Remote Access Points (27 29 00 00-0001)				
27 29 00 00-0083	EA		Aruba RAP-5WN Multi-port Remote Access Point (Wireless, 1x 100/1000Base-T And 4x 10/100Base-T) (Aruba networks RAP-5WN)	1,227.60	
27 29 00 00-0084	EA		Aruba RAP-5WN Multi-port Remote Access Point (Wireless, 1x 100/1000Base-T And 4x 10/100Base-T), FIPS/TAA (Aruba networks RAP-5WN-F1)	1,433.92	
27 29 00 00-0085	EA		Aruba RAP-5WN Multi-port Remote Access Point (Wireless, 1x 100/1000Base-T And 4x 10/100Base-T) NA (Aruba networks RAP-5WN-US)	1,227.60	
27 29 00 00-0086	EA		Contains: Aruba RAP-2WG remote access point with single radio 802.11'B/G', integrated antenna, 2 x 10/100Base-T (RJ-45), 1 x North America 12V AC power adapter, 1x 6ft Ethernet cable and Installation Guide. (Aruba networks RAP-2WG-US)	204.26	
27 29 00 00-0087	EA		Contains: Aruba RAP-2WG remote access point with single radio 802.11'B/G', integrated antenna, 2 x 10/100Base-T (RJ-45), 1 x Continental Europe (Europlug) 12V AC power adapter, 1x 6ft Ethernet cable and Installation Guide. (Aruba networks RAP-2WG-EU)	204.26	
27 29 00 00-0088	EA		Contains: Aruba RAP-2WG remote access point with single radio 802.11'B/G', integrated antenna, 2 x 10/100Base-T (RJ-45), 1 x Universal 12V AC power adapter, 1x 6ft Ethernet cable and Installation Guide. (Aruba networks RAP-2WG)	237.27	
27 29 00 00-0089	EA		Aruba RAP-3WN Remote Access Point (wireless, 3x10/100Base-T, USB). Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel. (Aruba networks RAP-3WN)	608.64	
27 29 00 00-0090	EA		Aruba RAP-3WN Remote Access Point (wireless, 3x10/100Base-T, USB) - Restricted regulatory domain: United States (Aruba networks RAP-3WN-US)	608.64	
27 29 00 00-0091	EA		Aruba RAP-3WN Remote Access Point (wireless, 3x10/100Base-T, USB) - Restricted regulatory domain: Japan (Aruba networks RAP-3WN-JP)	608.64	
27 29 00 00-0092	EA		Aruba RAP-3WNP Remote Access Point (wireless, 3x10/100Base-T, USB, POE out). Note: unit ships without AC power cord. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel. (Aruba networks RAP-3WNP)	711.80	
27 29 00 00-0093	EA		Aruba RAP-3WNP Remote Access Point (wireless, 3x10/100Base-T, USB, POE out) - Restricted regulatory domain: United States. Note: unit ships without AC power cord. (Aruba networks RAP-3WNP-US)	711.80	
27 29 00 00-0094	EA		Aruba RAP-3WNP Remote Access Point (wireless, 3x10/100Base-T, USB, POE out) - Restricted regulatory domain: Japan. Note: unit ships without AC power cord. (Aruba networks RAP-3WNP-JP)	711.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0095 EA Aruba RAP-108 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, antenna connectors - Restricted regulatory domain: Rest of World (Aruba networks RAP-108)	1,227.60	
27 29 00 00-0096 EA Aruba RAP-108 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, antenna connectors - Restricted regulatory domain: United States (Aruba networks RAP-108-US).....	1,227.60	
27 29 00 00-0097 EA Aruba RAP-108 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, antenna connectors - Restricted regulatory domain: Japan (Aruba networks RAP-108-JP)	1,227.60	
27 29 00 00-0098 EA Aruba RAP-109 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, integrated antennas - Restricted regulatory domain: Rest of World (Aruba networks RAP-109)	1,227.60	
27 29 00 00-0099 EA Aruba RAP-109 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, integrated antennas - Restricted regulatory domain: United States (Aruba networks RAP-109-US).....	1,227.60	
27 29 00 00-0100 EA Aruba RAP-109 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, integrated antennas - Restricted regulatory domain: Japan (Aruba networks RAP-109-JP)	1,227.60	
27 29 00 00-0101 EA Aruba RAP-3WN Remote Access Point, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks RAP-3WN-F1).....	711.80	
27 29 00 00-0102 EA Aruba RAP-3WN Remote Access Point, Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks RAP-3WN-USF1).....	711.80	
27 29 00 00-0103 EA Aruba RAP-3WNP Remote Access Point, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks RAP-3WNP-F1).....	814.96	
27 29 00 00-0104 EA Aruba RAP-3WNP Remote Access Point, Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks RAP-3WNP-USF1).....	814.96	
27 29 00 00-0105 EA Aruba RAP-108 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, antenna connectors - Restricted regulatory domain: Rest of World, FIPS/TAA (Aruba networks RAP-108-F1)	1,433.92	
27 29 00 00-0106 EA Aruba RAP-108 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, antenna connectors - Restricted regulatory domain: United States, FIPS/TAA (Aruba networks RAP-108-USF1).....	1,433.92	
27 29 00 00-0107 EA Aruba RAP-109 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, integrated antennas - Restricted regulatory domain: Rest of World, FIPS/TAA (Aruba networks RAP-109-F1)	1,433.92	
27 29 00 00-0108 EA Aruba RAP-109 Remote Access Point, 802.11a/b/g/n, 2x2:2, dual radio, integrated antennas - Restricted regulatory domain: United States, FIPS/TAA (Aruba networks RAP-109-USF1).....	1,433.92	
27 29 00 00-0109 EA Aruba RAP-100 Series Access Point Wall and Ceiling Mount Kit (Aruba networks RAP-100-MNT)	72.21	
27 29 00 00-0110 EA RAP-3 Series wall mount kit (Aruba networks RAP-3WN-MNT).....	72.21	
27 29 00 00-0111 EA 48 Volt DC, 36 Watt, AC-to DC power adapter (excludes country specific AC power cord) (Aruba networks AP-AC-48V36).....	134.11	
27 29 00 00-0112 EA 12 Volt DC, 18 Watt, High Temperature AC Power Adapter for compatible indoor AP models. Excludes country specific power cord. (Aruba networks AP-AC-12V18HT)	134.11	
27 29 00 00-0113 EA RAP-3 Series serial adapter cable (proprietary to DB9 female) (Aruba networks AP-CBL-SER)	154.74	
27 29 00 00-0114 EA 12 Volt DC Universal AC Power Adapter Kit - North America, Japan, United Kingdom, Italy, EC (Europlug), Australia, China, India, Korea (Aruba networks AP-AC-UN).....	92.84	
27 29 00 00-0115 EA 12 Volt DC, 18 Watt AC Power Adapter for compatible indoor AP models. Excludes country specific power cord (Aruba networks AP-AC-12V18).....	92.84	
27 29 00 00-0116 EA 12 Volt DC Car Power Adapter Kit for compatible Aruba Access Point models. Note: this product is approved for use in the US only. (Aruba networks AP-DC-CAR)	134.11	
27 29 00 00-0117 EA Aruba RAP-5WN Remote Access Point Wall Mount (Aruba networks RAP-5WN-MNT).....	72.21	
27 29 00 00-0118	Outdoor / Industrial Wireless Mesh Routers and Accessories <small>(27 29 00 00-0001)</small>	
27 29 00 00-0119 EA MSR1200, dual 2x2 11N radio; 200mW; New Boot Loader; ROW model (Aruba networks MSR1K2).....	3,084.48	
27 29 00 00-0120 EA MSR1200, dual 2x2 11N radio; 200mW; New Boot Loader; Japan model (Aruba networks MSR1K2-JP).....	3,084.48	
27 29 00 00-0121 EA MSR1200, dual 2x2 11N radio; 200mW; New Boot Loader; US model (Aruba networks MSR1K2-US).....	3,084.48	
27 29 00 00-0122 EA MST200, single 2x2 11N radio; 320mW; Int Antenna; 5GHz; PoE; New Boot Loader; ROW model (Aruba networks MST2HP)	3,290.80	
27 29 00 00-0123 EA MST200, single 2x2 11N radio; 320mW; Int Antenna; 5GHz; PoE; New Boot Loader; Japan model (Aruba networks MST2HP-JP).....	3,290.80	
27 29 00 00-0124 EA MST200, single 2x2 11N radio; 320mW; Int Antenna; 5GHz; PoE; New Boot Loader; US model (Aruba networks MST2HP-US).....	3,290.80	
27 29 00 00-0125 EA MSR2000, dual 2x2 11N radio; 320mW; PoE; New Boot Loader; ROW model (Aruba networks MSR2KP).....	6,798.24	
27 29 00 00-0126 EA MSR2000, dual 2x2 11N radio; 320mW; PoE; New Boot Loader; Japan model (Aruba networks MSR2KP-JP)	6,798.24	
27 29 00 00-0127 EA MSR2000, dual 2x2 11N radio; 320mW; PoE; New Boot Loader; China model (Aruba networks MSR2KP-CN).....	6,798.24	
27 29 00 00-0128 EA MSR2000, dual 2x2 11N radio; 320mW; PoE; New Boot Loader; US model (Aruba networks MSR2KP-US).....	6,798.24	
27 29 00 00-0129 EA MSR2000, dual 2x2 11N radio; 320mW; AC powered; PSE Out; New Boot Loader; ROW model (Aruba networks MSR2KAC).....	7,210.88	
27 29 00 00-0130 EA MSR2000, dual 2x2 11N radio; 320mW; AC powered; PSE Out; New Boot Loader; Japan model (Aruba networks MSR2KAC-JP).....	7,210.88	
27 29 00 00-0131 EA MSR2000, dual 2x2 11N radio; 320mW; AC powered; PSE Out; New Boot Loader; China model (Aruba networks MSR2KAC-CN).....	7,210.88	
27 29 00 00-0132 EA MSR2000, dual 2x2 11N radio; 320mW; AC powered; PSE Out; New Boot Loader; US model (Aruba networks MSR2KAC-US).....	7,210.88	
27 29 00 00-0133 EA MSR2000, dual 2x2 11N radio; 320mW; DC powered; PSE Out; New Boot Loader; ROW model (Aruba networks MSR2KDC).....	7,210.88	
27 29 00 00-0134 EA MSR2000, dual 2x2 11N radio; 320mW; DC powered; PSE Out; New Boot Loader; Japan model (Aruba networks MSR2KDC-JP)	7,210.88	
27 29 00 00-0135 EA MSR2000, dual 2x2 11N radio; 320mW; DC powered; PSE Out; New Boot Loader; US model (Aruba networks MSR2KDC-US).....	7,210.88	
27 29 00 00-0136 EA MSR4000, quad 2x2 11N radio; 320mW; PoE; New Boot Loader; ROW model (Aruba networks MSR4KP).....	11,337.28	
27 29 00 00-0137 EA MSR4000, quad 2x2 11N radio; 320mW; PoE; New Boot Loader; Japan model (Aruba networks MSR4KP-JP)	11,337.28	
27 29 00 00-0138 EA MSR4000, quad 2x2 11N radio; 320mW; PoE; New Boot Loader; US model (Aruba networks MSR4KP-US)	11,337.28	
27 29 00 00-0139 EA MSR4000, quad 2x2 11N radio; 320mW; AC powered; PSE Out; New Boot Loader; ROW model (Aruba networks MSR4KAC).....	12,162.56	
27 29 00 00-0140 EA MSR4000, quad 2x2 11N radio; 320mW; AC powered; PSE Out; New Boot Loader; Japan model (Aruba networks MSR4KAC-JP).....	12,162.56	
27 29 00 00-0141 EA MSR4000, quad 2x2 11N radio; 320mW; AC powered; PSE Out; New Boot Loader; US model (Aruba networks MSR4KAC-US).....	12,162.56	
27 29 00 00-0142 EA MeshConfig Software for managing wireless mesh routers (indoor and outdoor) (Aruba networks MESH-SW-MC).....	2,052.88	
27 29 00 00-0143 EA 48 Volt DC, AC Power Adaptor, for MSR1200 mesh routers (Aruba networks AACPGKIT-00).....	103.16	

27 Communications**27 20 Data Communications****27 29 Data Communications Network Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0144	EA		USB console cable, 1.5 meters, apply to all indoor and outdoor products (Aruba networks ACONGESTD-00).....	33.01	
27 29 00 00-0145	EA		Outdoor Installation Materials - Includes accessories that may be useful in the installation process: two electrical tape rolls, mastic tape, white tie wraps. (Aruba networks AINS2KKIT-00).....	51.58	
27 29 00 00-0146	EA		Set of 2 dual band staging antennas with N-type/male connectors (direct-mount, articulating) (Aruba networks ANT-2x2-STAGE).....	154.74	
27 29 00 00-0147	EA		Kit with weatherproof connector assembly to attach cable to (plastic) RJ45 interface on outdoor AP models (Aruba networks CKIT-RJ45-P).....	30.95	
27 29 00 00-0148	EA		Weatherproof cable assembly to connect to (plastic) USB interface on outdoor AP models (length: 5m) (Aruba networks CBL-USB-P).....	92.84	
27 29 00 00-0149	EA		Kit with weatherproof connector assembly to attach cable to (metal) RJ45 interface on outdoor AP models (Aruba networks CKIT-RJ45-M).....	196.00	
27 29 00 00-0150	EA		Weatherproof cable assembly to connect to (metal) USB interface on outdoor AP models (length: 5m) (Aruba networks CBL-USB-M).....	154.74	
27 29 00 00-0151	EA		Weatherproof cable assembly to connect to (metal) AC power interface on outdoor AP models (length: 5m). North America version (Aruba networks CBL-AC-NA).....	402.32	
27 29 00 00-0152	EA		Weatherproof cable assembly to connect to (metal) AC power interface on outdoor AP models (length: 5m). International (EU) version (Aruba networks CBL-AC-INTL).....	402.32	
27 29 00 00-0153	EA		Weatherproof cable assembly to connect to (metal) DC power interface on outdoor AP models (length: 5m) (Aruba networks CBL-DC-WW).....	402.32	
27 29 00 00-0154	EA		Kit with weatherproof connector assembly to attach cable to (metal) AC power interface on outdoor AP models (Aruba networks CKIT-AC-M).....	154.74	
27 29 00 00-0155	EA		Kit with weatherproof connector assembly to attach cable to (metal) DC power interface on outdoor AP models (Aruba networks CKIT-DC-M).....	154.74	
27 29 00 00-0156	EA		7D antenna cable with 2 N type Male connectors, 1 meter (Aruba networks AFC7DL01-00).....	61.90	
27 29 00 00-0157	EA		7D antenna cable with 2 N type Male connectors, 2 meters (Aruba networks AFC7DL02-00).....	74.28	
27 29 00 00-0158	EA		7D antenna cable with 2 N type Male connectors, 3 meters (Aruba networks AFC7DL03-00).....	92.84	
27 29 00 00-0159	EA		7D antenna cable with 2 N type Male connectors, 4 meters (Aruba networks AFC7DL04-00).....	113.48	
27 29 00 00-0160	EA		RP-SMA/M to N/F GR316 soft jumper, 60cm; used between indoor products and 7D and 1/2" feeder (Aruba networks AFC2DL60-00).....	37.14	
27 29 00 00-0161	EA		RP-SMA/M to N/M, 60cm; used between indoor products and splitter (Aruba networks AFCSJMTM-00).....	41.26	
27 29 00 00-0162			Mobility Controllers and Accessories <small>(27 29 00 00-0001)</small>		
27 29 00 00-0163	EA		Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 3200XM).....	10,305.68	
27 29 00 00-0164	EA		Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - IL (Aruba networks 3200XM-IL).....	10,305.68	
27 29 00 00-0165	EA		Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - US (Aruba networks 3200XM-US).....	10,305.68	
27 29 00 00-0166	EA		Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP Support, Unrestricted Regulatory Domain. These products should be considered as 'Rest of World' products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 3200XM-8).....	11,337.28	
27 29 00 00-0167	EA		Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP Support, Restricted Regulatory Domain - IL (Aruba networks 3200XM-8-IL).....	11,337.28	
27 29 00 00-0168	EA		Aruba 3200XM Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 8 AP Support, Restricted Regulatory Domain - US (Aruba networks 3200XM-8-US).....	11,337.28	
27 29 00 00-0169	EA		Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel, FIPS and TAA Compliant (Aruba networks 3200-F1).....	11,863.40	
27 29 00 00-0170	EA		Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - IL, FIPS And TAA Compliant (Aruba networks 3200-ILF1).....	11,863.40	
27 29 00 00-0171	EA		Aruba 3200 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - US, FIPS And TAA Compliant (Aruba networks 3200-USF1).....	11,863.40	
27 29 00 00-0172	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 3400).....	16,495.28	
27 29 00 00-0173	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel, FIPS and TAA Compliant (Aruba networks 3400-F1).....	19,033.02	
27 29 00 00-0174	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 32 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 3400-32).....	20,621.68	
27 29 00 00-0175	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 32 AP Support, Restricted Regulatory Domain - IL (Aruba networks 3400-32-IL).....	20,621.68	
27 29 00 00-0176	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 32 AP Support, Restricted Regulatory Domain - US (Aruba networks 3400-32-US).....	20,621.68	
27 29 00 00-0177	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - IL (Aruba networks 3400-IL).....	16,495.28	
27 29 00 00-0178	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - IL, FIPS And TAA Compliant (Aruba networks 3400-ILF1).....	19,033.02	
27 29 00 00-0179	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - US (Aruba networks 3400-US).....	16,495.28	
27 29 00 00-0180	EA		Aruba 3400 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Restricted Regulatory Domain - US, FIPS And TAA Compliant (Aruba networks 3400-USF1).....	19,033.02	
27 29 00 00-0181	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 3600).....	26,811.28	
27 29 00 00-0182	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel, FIPS And TAA Compliant (Aruba networks 3600-F1).....	30,937.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0183	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 64 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 3600-64).....	34,032.48	
27 29 00 00-0184	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 64 AP Support, Restricted Regulatory Domain - IL (Aruba networks 3600-64-IL).....	34,032.48	
27 29 00 00-0185	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports, 64 AP Support, Restricted Regulatory Domain - IL (Aruba networks 3600-64-US).....	34,032.48	
27 29 00 00-0186	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports , 0 AP Support, Restricted Regulatory Domain - IL (Aruba networks 3600-IL).....	26,811.28	
27 29 00 00-0187	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports , 0 AP Support, Restricted Regulatory Domain - IL, FIPS And TAA Compliant (Aruba networks 3600-ILF1).....	30,937.68	
27 29 00 00-0188	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports , 0 AP Support, Restricted Regulatory Domain - US (Aruba networks 3600-US).....	26,811.28	
27 29 00 00-0189	EA		Aruba 3600 Controller - 4x 10/100/1000BASE-T (RJ-45) or 1000BASE-X (SFP) dual personality ports , 0 AP Support, Restricted Regulatory Domain - US, FIPS And TAA Compliant (Aruba networks 3600-USF1).....	30,937.68	
27 29 00 00-0190	EA		Aruba 6000 Base System, SPOE Power, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 6000-400).....	8,242.48	
27 29 00 00-0191	EA		Aruba 6000 Base System, SPOE Power, Restricted Regulatory Domain - IL (Aruba networks 6000-400-IL).....	8,242.48	
27 29 00 00-0192	EA		Aruba 6000 Base System, SPOE Power, Restricted Regulatory Domain - US (Aruba networks 6000-400-US).....	8,242.48	
27 29 00 00-0193	EA		Aruba 6000 Base System, SPOE Power, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel, FIPS And TAA Compliant (Aruba networks 6000-400-F1).....	15,979.48	
27 29 00 00-0194	EA		Aruba 6000 Base System, SPOE Power, Restricted Regulatory Domain - US, FIPS And TAA Compliant (Aruba networks 6000-400-USF1).....	15,979.48	
27 29 00 00-0195	EA		Aruba 6000 Base System, SPOE Power, Restricted Regulatory Domain - IL, FIPS And TAA Compliant (Aruba networks 6000-400-ILF1).....	15,979.48	
27 29 00 00-0196	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 620).....	3,032.90	
27 29 00 00-0197	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel, FIPS And TAA Compliant (Aruba networks 620-F1).....	3,486.81	
27 29 00 00-0198	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 0 AP Support, Restricted Regulatory Domain - IL, FIPS And TAA Compliant (Aruba networks 620-ILF1).....	3,486.81	
27 29 00 00-0199	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 0 AP Support, Restricted Regulatory Domain - US, FIPS And TAA Compliant (Aruba networks 620-USF1).....	3,486.81	
27 29 00 00-0200	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 4 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 620-4).....	3,610.60	
27 29 00 00-0201	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 0 AP Support, Restricted Regulatory Domain - IL (Aruba networks 620-IL).....	3,032.90	
27 29 00 00-0202	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 4 AP Support, Restricted Regulatory Domain - IL (Aruba networks 620-4-IL).....	3,610.60	
27 29 00 00-0203	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 0 AP Support, Restricted Regulatory Domain - US (Aruba networks 620-US).....	3,032.90	
27 29 00 00-0204	EA		Aruba 620 Controller - 8x 10/100Base-T (RJ-45) 4 supporting PoE (PoE license included), 1x 10/100/1000Base-T (RJ-45), 1x USB ports, 4 AP Support, Restricted Regulatory Domain - US (Aruba networks 620-4-US).....	3,610.60	
27 29 00 00-0205	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 650).....	4,838.20	
27 29 00 00-0206	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 0 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel, FIPS And TAA Compliant (Aruba networks 650-F1).....	5,560.32	
27 29 00 00-0207	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 0 AP Support, Restricted Regulatory Domain - IL, FIPS And TAA Compliant (Aruba networks 650-ILF1).....	5,560.32	
27 29 00 00-0208	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 0 AP Support, Restricted Regulatory Domain - US, FIPS And TAA Compliant (Aruba networks 650-USF1).....	5,560.32	
27 29 00 00-0209	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 8 AP Support, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 650-8).....	5,972.96	
27 29 00 00-0210	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 0 AP Support, Restricted Regulatory Domain - IL (Aruba networks 650-IL).....	4,838.20	
27 29 00 00-0211	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 8 AP Support, Restricted Regulatory Domain - IL (Aruba networks 650-8-IL).....	5,972.96	
27 29 00 00-0212	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 0 AP Support, Restricted Regulatory Domain - US (Aruba networks 650-US).....	4,838.20	
27 29 00 00-0213	EA		Aruba 650 Controller - 6x 10/100/1000Base-T (RJ-45) 4 supporting PoE (PoE license included), 2x 1000Base-X (SFP) ports, 4x USB ports, 8 AP Support, Restricted Regulatory Domain - US (Aruba networks 650-8-US).....	5,972.96	
27 29 00 00-0214	EA		Aruba 6000 Series Base 4-Slot Chassis (Excludes Fan Tray), Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks HW-CHAS).....	3,094.80	
27 29 00 00-0215	EA		Aruba 6000 Series Base 4-Slot Chassis (Excludes Fan Tray), Restricted Regulatory Domain - IL (Aruba networks HW-CHAS-IL).....	3,094.80	
27 29 00 00-0216	EA		Aruba 6000 Series Base 4-Slot Chassis (Excludes Fan Tray), Restricted Regulatory Domain - US (Aruba networks HW-CHAS-US).....	3,094.80	
27 29 00 00-0217	EA		Aruba 6000 Series Replacement Fan Tray (Aruba networks HW-FT).....	1,031.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0218	EA		Aruba 6000 Series Power Supply - 200 Watt (Aruba networks HW-PSU-200).....	1,031.60	
27 29 00 00-0219	EA		Aruba 6000 Series Power Supply - 400 Watt (Aruba networks HW-PSU-400).....	2,063.20	
27 29 00 00-0220	EA		Aruba GBIC Interface Adapter - T (Aruba networks LC-GBIC-T).....	1,031.60	
27 29 00 00-0221	EA		Aruba Multi-Service Controller Module Mark I, 10x 1000Base-X (SFP), 2x 10GBase-X (XFP), (128 AP Support) (Aruba networks M3mk1-128-S).....	72,201.68	
27 29 00 00-0222	EA		Aruba Multi-Service Controller Module Mark I, 10x 1000Base-X (SFP), 2x 10GBase-X (XFP), (0 AP Support) (Aruba networks M3mk1-S).....	55,696.08	
27 29 00 00-0223	EA		Aruba Multi-Service Controller Module Mark I, 10x 1000Base-X (SFP), 2x 10GBase-X (XFP), (0 AP Support), FIPS/TAA (Aruba networks M3mk1-S-F1).....	64,062.36	
27 29 00 00-0224	EA		Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 7210).....	35,064.08	
27 29 00 00-0225	EA		Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL (Aruba networks 7210-IL).....	35,064.08	
27 29 00 00-0226	EA		Aruba 7210, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US (Aruba networks 7210-US).....	35,064.08	
27 29 00 00-0227	EA		Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 7220).....	52,601.28	
27 29 00 00-0228	EA		Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL (Aruba networks 7220-IL).....	52,601.28	
27 29 00 00-0229	EA		Aruba 7220, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US (Aruba networks 7220-US).....	52,601.28	
27 29 00 00-0230	EA		Aruba 7240, 4x 10GBase-X (SFP+), 1x 350W AC PS, Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States or Israel (Aruba networks 7240).....	78,391.28	
27 29 00 00-0231	EA		Aruba 7240, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - IL (Aruba networks 7240-IL).....	78,391.28	
27 29 00 00-0232	EA		Aruba 7240, 4x 10GBase-X (SFP+), 1x 350W AC PS, Restricted Regulatory Domain - US (Aruba networks 7240-US).....	78,391.28	
27 29 00 00-0233	EA		Aruba 7200 Series Fan Tray (Aruba networks HW-7200-FT).....	402.32	
27 29 00 00-0234	EA		Aruba 7200 Series Expansion Slot Blank Panel (Aruba networks SPR-ESBLNK).....	92.84	
27 29 00 00-0235	EA		Aruba Supervisor Card I System Upgrade (48 AP to 128 AP Support) (Aruba networks SC-48-C1-UG-128).....	10,316.00	
27 29 00 00-0236	EA		1000BASE-LX SFP; 1310nm pluggable GbE optic; LC connector; up to 10,000 meters over single-mode fiber (Aruba networks SFP-LX).....	1,330.76	
27 29 00 00-0237	EA		1000BASE-SX SFP; 850nm pluggable GbE optic; LC connector; up to 300 meters over multi-mode fiber (Type OM2) (Aruba networks SFP-SX).....	814.96	
27 29 00 00-0238	EA		1000BASE-T SFP; copper GbE pluggable; RJ45 connector; up to 100 meters over Category-5, 5E, 6 and 6A unshielded twisted pair cable (Aruba networks SFP-TX).....	608.64	
27 29 00 00-0239	EA		Aruba XFP - 1310nm serial pluggable XFP optic (LC) for up to 10km over SMF (Aruba networks XFP-LR).....	9,274.08	
27 29 00 00-0240	EA		Aruba XFP - 850nm serial pluggable XFP optic (LC), target range 300m over MMF (Aruba networks XFP-SR).....	4,735.04	
27 29 00 00-0241	EA		Aruba 3200 Controller 1GB memory upgrade kit (Aruba networks 3200-MEM-UG).....	814.96	
27 29 00 00-0242	Other <small>(27 29 00 00-0001)</small>				
27 29 00 00-0243	EA		AP-100 SERIES MOUNT KIT (Aruba networks AP-105-MNT).....	92.84	
27 29 00 00-0244	EA		AP-100 SERIES CEILING RAIL MOUNT KIT (Aruba networks AP-105-MNT-C).....	30.95	
27 29 00 00-0245	EA		AP-100 SERIES CEILING RAIL MOUNT KIT V2 (Aruba networks AP-105-MNT-C2).....	51.58	
27 29 00 00-0246	EA		AP-100 SERIES MOUNT KIT DC PWR (Aruba networks AP-105-MNT-DC).....	92.84	
27 29 00 00-0247	EA		Aruba 120 Series Wireless Access Point Wall / Ceiling Mounting Kit (Aruba networks AP-120-MNT).....	72.21	
27 29 00 00-0248	EA		AP-120 SERIES MOUNT KIT (Aruba networks AP-120-MNT-WJ).....	196.00	
27 29 00 00-0249	EA		AP-120 Cover Kit (Aruba networks AP-120-MNT-CV).....	113.48	
27 29 00 00-0250	EA		AP-130 SERIES MOUNT KIT (Aruba networks AP-130-MNT).....	51.58	
27 29 00 00-0251	EA		AP-130 SERIES MOUNT KIT V2 (Aruba networks AP-130-MNT-W2).....	154.74	
27 29 00 00-0252	EA		AP-130 SERIES CEILING RAIL MOUNT KIT V2 (Aruba networks AP-130-MNT-C2).....	51.58	
27 29 00 00-0253	EA		AP-90 SERIES MOUNT KIT (Aruba networks AP-90-MNT).....	72.21	
27 29 00 00-0254	EA		AP-90 SERIES MOUNT KIT V2 (Aruba networks AP-90-MNT-W2).....	92.84	
27 29 00 00-0255	EA		AP-90 SERIES CEILING RAIL MOUNT KIT V2 (Aruba networks AP-90-MNT-C2).....	51.58	
27 29 00 00-0256	EA		Aruba Outdoor Antenna Cable Extension - 10' Long low-loss LMR 400 antenna extension cable for use with Outdoor Access Points, interfaces AP N-Type Female interface to N-Type Male on antenna. (Aruba networks AP-CBL-1).....	226.95	
27 29 00 00-0257	EA		Aruba 620 Desk Stand Kit (Aruba networks HW-620-MNT-DESK).....	175.37	
27 29 00 00-0258	EA		Aruba 620 19" Equipment Rack Mounting Kit (Aruba networks HW-620-MNT-19).....	299.16	
27 29 00 00-0259	EA		Aruba 3000 Series Replacement 19" Equipment Rack Mounting Kit (Aruba networks HW-3000-MNT-19).....	103.16	
27 29 00 00-0260	EA		Aruba 6000 Series Replacement 19" Equipment Rack Mounting Kit (Aruba networks HW-MNT-19).....	103.16	
27 29 00 00-0261	EA		Aruba 6000 Series Power Supply Unit Slot Blank Panel (Aruba networks HW-PSU-BLANK).....	123.79	
27 29 00 00-0262	EA		Aruba 6000 Series Supervisor / Line Card Slot Blank Panel (Aruba networks HW-SC-LC-BLANK).....	123.79	
27 29 00 00-0263	ArubaOS Software <small>(27 29 00 00-0001)</small>				
27 29 00 00-0264	EA		Security Software Bundle for A200 (8 AP License) (Aruba networks LIC-200-SEC).....	1,444.24	
27 29 00 00-0265	EA		Security Software Bundle for A800-4 (4 AP License) (Aruba networks LIC-804-SEC).....	2,063.20	
27 29 00 00-0266	EA		Security Software Bundle for A800-16 (16 AP License) (Aruba networks LIC-800-SEC).....	8,252.80	
27 29 00 00-0267	EA		Security Software Bundle Upgrade LIC-804-SEC to LIC-800-SEC (Aruba networks 804-UG-SEC-1).....	6,189.60	
27 29 00 00-0268	EA		Security Software Bundle for A2400-48 (48 AP License) (Aruba networks LIC-2400-SEC).....	16,505.60	
27 29 00 00-0269	EA		Security Software Bundle for Supervisor Card I (48 AP License) (Aruba networks LIC-SC1-SEC-48).....	20,632.00	
27 29 00 00-0270	EA		Security Software Bundle for Supervisor Card I (128 AP License) (Aruba networks LIC-SC1-SEC).....	33,011.20	
27 29 00 00-0271	EA		Security Software Bundle for Supervisor Card II (256 AP License) (Aruba networks LIC-SC2-SEC).....	66,022.40	
27 29 00 00-0272	EA		Security Software for Supervisor Card I (Upgrade 48 AP to 128 AP) (Aruba networks LIC-SC1-SEC-UG-1).....	20,632.00	
27 29 00 00-0273	EA		Policy Enforcement Firewall Module for A200 (8 AP License) (Aruba networks LIC-200-PEF).....	722.12	
27 29 00 00-0274	EA		Policy Enforcement Firewall Module for A800-4 (4 AP License) (Aruba networks LIC-804-PEF).....	1,031.60	
27 29 00 00-0275	EA		Policy Enforcement Firewall Module for A800-16 (16 AP License) (Aruba networks LIC-800-PEF).....	4,126.40	
27 29 00 00-0276	EA		Policy Enforcement Firewall Upgrade LIC-804-PEF to LIC-800-PEF (Aruba networks 804-UG-PEF-1).....	3,094.80	
27 29 00 00-0277	EA		Policy Enforcement Firewall Module for A2400-48 (48 AP License) (Aruba networks LIC-2400-PEF).....	8,252.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0278 EA Policy Enforcement Firewall Module for Aruba Supervisor Card I (48 AP) (Aruba networks LIC-SC1-PEF-48).....	10,316.00	
27 29 00 00-0279 EA Policy Enforcement Firewall Module for Aruba Supervisor Card I (128 AP) (Aruba networks LIC-SC1-PEF).....	16,505.60	
27 29 00 00-0280 EA Policy Enforcement Firewall Module for Aruba Supervisor Card II (256 AP) (Aruba networks LIC-SC2-PEF).....	33,011.20	
27 29 00 00-0281 EA Policy Enforcement Firewall for Supervisor Card I (Upgrade 48 AP to 128 AP) (Aruba networks LIC-SC1-PEF-UG-1).....	10,316.00	
27 29 00 00-0282 EA Policy Enforcement Firewall Module License (32 Users) (Aruba networks LIC-PEF-32).....	598.33	
27 29 00 00-0283 EA Policy Enforcement Firewall Module License (64 Users) (Aruba networks LIC-PEF-64).....	1,134.76	
27 29 00 00-0284 EA Policy Enforcement Firewall Module License (128 Users) (Aruba networks LIC-PEF-128).....	2,166.36	
27 29 00 00-0285 EA Policy Enforcement Firewall Module License (256 Users) (Aruba networks LIC-PEF-256).....	4,126.40	
27 29 00 00-0286 EA Policy Enforcement Firewall Module License (512 Users) (Aruba networks LIC-PEF-512).....	7,840.16	
27 29 00 00-0287 EA Policy Enforcement Firewall Module License (1024 Users) (Aruba networks LIC-PEF-1024).....	14,855.04	
27 29 00 00-0288 EA Policy Enforcement Firewall Module License (2048 Users) (Aruba networks LIC-PEF-2048).....	28,059.52	
27 29 00 00-0289 EA Policy Enforcement Firewall Module License (4096 Users) (Aruba networks LIC-PEF-4096).....	50,507.14	
27 29 00 00-0290 EA Policy Enforcement Firewall Module License (8192 Users) (Aruba networks LIC-PEF-8192).....	89,790.46	
27 29 00 00-0291 EA Policy Enforcement Firewall (1 AP License) (Aruba networks LIC-PEFNG-1).....	165.06	
27 29 00 00-0292 EA Policy Enforcement Firewall (2 AP License) (Aruba networks LIC-PEFNG-2).....	309.48	
27 29 00 00-0293 EA Policy Enforcement Firewall (4 AP License) (Aruba networks LIC-PEFNG-4).....	598.33	
27 29 00 00-0294 EA Policy Enforcement Firewall (8 AP License) (Aruba networks LIC-PEFNG-8).....	1,134.76	
27 29 00 00-0295 EA Policy Enforcement Firewall (16 AP License) (Aruba networks LIC-PEFNG-16).....	2,166.36	
27 29 00 00-0296 EA Policy Enforcement Firewall (32 AP License) (Aruba networks LIC-PEFNG-32).....	4,126.40	
27 29 00 00-0297 EA Policy Enforcement Firewall (64 AP License) (Aruba networks LIC-PEFNG-64).....	7,840.16	
27 29 00 00-0298 EA Policy Enforcement Firewall (128 AP License) (Aruba networks LIC-PEFNG-128).....	14,855.04	
27 29 00 00-0299 EA Policy Enforcement Firewall (256 AP License) (Aruba networks LIC-PEFNG-256).....	28,059.52	
27 29 00 00-0300 EA Policy Enforcement Firewall (384 AP License) (Aruba networks LIC-PEFNG-384).....	39,984.82	
27 29 00 00-0301 EA Policy Enforcement Firewall (512 AP License) (Aruba networks LIC-PEFNG-512).....	50,507.14	
27 29 00 00-0302 EA Policy Enforcement Firewall (1024 AP License) (Aruba networks LIC-PEFNG-1024).....	89,790.46	
27 29 00 00-0303 EA Policy Enforcement Firewall (2048 AP License) (Aruba networks LIC-PEFNG-2048).....	157,133.31	
27 29 00 00-0304 EA Policy Enforcement Firewall for Aruba 620 (VIA/VPN users) (Aruba networks LIC-620-PEFV).....	825.28	
27 29 00 00-0305 EA Policy Enforcement Firewall for Aruba 650 (VIA/VPN users) (Aruba networks LIC-650-PEFV).....	1,650.56	
27 29 00 00-0306 EA Policy Enforcement Firewall for Aruba 651 (VIA/VPN users) (Aruba networks LIC-651-PEFV).....	1,650.56	
27 29 00 00-0307 EA Policy Enforcement Firewall for Aruba 3200 (VIA/VPN users) (Aruba networks LIC-3200-PEFV).....	5,570.64	
27 29 00 00-0308 EA Policy Enforcement Firewall for Aruba 3400 (VIA/VPN users) (Aruba networks LIC-3400-PEFV).....	10,109.68	
27 29 00 00-0309 EA Policy Enforcement Firewall for Aruba 3600 (VIA/VPN users) (Aruba networks LIC-3600-PEFV).....	10,109.68	
27 29 00 00-0310 EA Policy Enforcement Firewall for Aruba M3 (VIA/VPN users) (Aruba networks LIC-M3-PEFV).....	10,109.68	
27 29 00 00-0311 EA Policy Enforcement Firewall for Aruba 7210 (VIA/VPN users) (Aruba networks LIC-7210-PEFV).....	33,011.20	
27 29 00 00-0312 EA Policy Enforcement Firewall for Aruba 7220 (VIA/VPN users) (Aruba networks LIC-7220-PEFV).....	49,516.80	
27 29 00 00-0313 EA Policy Enforcement Firewall for Aruba 7240 (VIA/VPN users) (Aruba networks LIC-7240-PEFV).....	66,022.40	
27 29 00 00-0314 EA Wireless Intrusion Protection Module for A200 (8 AP License) (Aruba networks LIC-200-WIP).....	722.12	
27 29 00 00-0315 EA Wireless Intrusion Protection Module for A800-4 (4 AP License) (Aruba networks LIC-804-WIP).....	1,031.60	
27 29 00 00-0316 EA Wireless Intrusion Protection Module for A800-16 (16 AP License) (Aruba networks LIC-800-WIP).....	4,126.40	
27 29 00 00-0317 EA Wireless Intrusion Protection Module Upgrade LIC-804-WIP to LIC-800-WIP (Aruba networks 804-UG-WIP-1).....	3,094.80	
27 29 00 00-0318 EA Wireless Intrusion Protection Module for A2400-48 (48 AP License) (Aruba networks LIC-2400-WIP).....	8,252.80	
27 29 00 00-0319 EA Wireless Intrusion Protection Module for Aruba Supervisor Card I (48 AP) (Aruba networks LIC-SC1-WIP-48).....	10,316.00	
27 29 00 00-0320 EA Wireless Intrusion Protection Module for Aruba Supervisor Card I (128 AP) (Aruba networks LIC-SC1-WIP).....	16,505.60	
27 29 00 00-0321 EA Wireless Intrusion Protection Module for Aruba Supervisor Card II (256 AP) (Aruba networks LIC-SC2-WIP).....	33,011.20	
27 29 00 00-0322 EA Wireless Intrusion Protection for Sup. Card I (Upgrade 48 AP to 128 AP) (Aruba networks LIC-SC1-WIP-UG-1).....	10,316.00	
27 29 00 00-0323 EA RF Protect License including WIP and Spectrum (1 AP Support) (Aruba networks LIC-RFP-1).....	144.42	
27 29 00 00-0324 EA RF Protect License including WIP and Spectrum (2 AP Support) (Aruba networks LIC-RFP-2).....	268.22	
27 29 00 00-0325 EA RF Protect License including WIP and Spectrum (4 AP Support) (Aruba networks LIC-RFP-4).....	495.17	
27 29 00 00-0326 EA RF Protect License including WIP and Spectrum (8 AP Support) (Aruba networks LIC-RFP-8).....	928.44	
27 29 00 00-0327 EA RF Protect License including WIP and Spectrum (16 AP Support) (Aruba networks LIC-RFP-16).....	1,733.09	
27 29 00 00-0328 EA RF Protect License including WIP and Spectrum (32 AP Support) (Aruba networks LIC-RFP-32).....	3,301.12	
27 29 00 00-0329 EA RF Protect License including WIP and Spectrum (64 AP Support) (Aruba networks LIC-RFP-64).....	6,251.50	
27 29 00 00-0330 EA RF Protect License including WIP and Spectrum (128 AP Support) (Aruba networks LIC-RFP-128).....	11,801.50	
27 29 00 00-0331 EA RF Protect License including WIP and Spectrum (256 AP Support) (Aruba networks LIC-RFP-256).....	21,250.96	
27 29 00 00-0332 EA RF Protect License including WIP and Spectrum (384 AP Support) (Aruba networks LIC-RFP-384).....	30,102.09	
27 29 00 00-0333 EA RF Protect License including WIP and Spectrum (512 AP Support) (Aruba networks LIC-RFP-512).....	37,777.19	
27 29 00 00-0334 EA RF Protect License including WIP and Spectrum (1024 AP Support) (Aruba networks LIC-RFP-1024).....	66,104.93	
27 29 00 00-0335 EA RF Protect License including WIP and Spectrum (2048 AP Support) (Aruba networks LIC-RFP-2048).....	113,310.94	
27 29 00 00-0336 EA Upgrade 800-04 to 800-16 (4 AP to 16 AP) (Aruba networks 804-UG-800).....	6,189.60	
27 29 00 00-0337 EA Access Point License (1 Access Point License) (Aruba networks LIC-1-AP).....	154.74	
27 29 00 00-0338 EA Access Point License (2 Access Point License) (Aruba networks LIC-2-AP).....	309.48	
27 29 00 00-0339 EA Access Point License (4 Access Point License) (Aruba networks LIC-4-AP).....	618.96	
27 29 00 00-0340 EA Access Point License (8 Access Point License) (Aruba networks LIC-8-AP).....	1,237.92	
27 29 00 00-0341 EA Access Point License (16 Access Point License) (Aruba networks LIC-16-AP).....	2,475.84	
27 29 00 00-0342 EA Access Point License (32 Access Point License) (Aruba networks LIC-32-AP).....	4,704.10	
27 29 00 00-0343 EA Access Point License (64 Access Point License) (Aruba networks LIC-64-AP).....	8,913.02	
27 29 00 00-0344 EA Access Point License (128 Access Point License) (Aruba networks LIC-128-AP).....	16,835.71	
27 29 00 00-0345 EA Access Point License (256 Access Point License) (Aruba networks LIC-256-AP).....	32,000.23	
27 29 00 00-0346 EA Access Point License (384 Access Point License) (Aruba networks LIC-384-AP).....	46,731.48	
27 29 00 00-0347 EA Access Point License (512 Access Point License) (Aruba networks LIC-512-AP).....	60,616.82	
27 29 00 00-0348 EA Access Point License (1024 Access Point License) (Aruba networks LIC-1024-AP).....	114,486.97	
27 29 00 00-0349 EA Access Point License (2048 Access Point License) (Aruba networks LIC-2048-AP).....	215,501.24	
27 29 00 00-0350 EA Security Software Bundle (1 AP License) (Aruba networks LIC-SEC-1).....	309.48	
27 29 00 00-0351 EA Security Software Bundle (2 AP License) (Aruba networks LIC-SEC-2).....	577.70	
27 29 00 00-0352 EA Security Software Bundle (4 AP License) (Aruba networks LIC-SEC-4).....	1,093.50	
27 29 00 00-0353 EA Security Software Bundle (8 AP License) (Aruba networks LIC-SEC-8).....	2,063.20	
27 29 00 00-0354 EA Security Software Bundle (16 AP License) (Aruba networks LIC-SEC-16).....	3,899.45	
27 29 00 00-0355 EA Security Software Bundle (32 AP License) (Aruba networks LIC-SEC-32).....	7,427.52	
27 29 00 00-0356 EA Security Software Bundle (64 AP License) (Aruba networks LIC-SEC-64).....	14,091.66	
27 29 00 00-0357 EA Security Software Bundle (128 AP License) (Aruba networks LIC-SEC-128).....	26,656.54	
27 29 00 00-0358 EA Security Software Bundle (256 AP License) (Aruba networks LIC-SEC-256).....	49,310.48	
27 29 00 00-0359 EA Security Software Bundle (384 AP License) (Aruba networks LIC-SEC-384).....	70,086.90	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-0360	EA		Security Software Bundle (512 AP License) (Aruba networks LIC-SEC-512)	88,284.33	
27 29 00 00-0361	EA		Security Software Bundle (1024 AP License) (Aruba networks LIC-SEC-1024)	155,895.39	
27 29 00 00-0362	EA		Remote Access Point License (Single Access Point License) (Aruba networks LIC-1-RAP)	154.74	
27 29 00 00-0363	EA		Remote Access Point License (4 Access Point License) (Aruba networks LIC-4-RAP)	618.96	
27 29 00 00-0364	EA		Remote Access Point License (6 Access Point License) (Aruba networks LIC-6-RAP)	928.44	
27 29 00 00-0365	EA		Remote Access Point License (8 Access Point License) (Aruba networks LIC-8-RAP)	1,237.92	
27 29 00 00-0366	EA		Remote Access Point License (16 Access Point License) (Aruba networks LIC-16-RAP)	2,475.84	
27 29 00 00-0367	EA		Remote Access Point License (24 Access Point License) (Aruba networks LIC-24-RAP)	3,713.76	
27 29 00 00-0368	EA		Remote Access Point License (32 Access Point License) (Aruba networks LIC-32-RAP)	4,704.10	
27 29 00 00-0369	EA		Remote Access Point License (48 Access Point License) (Aruba networks LIC-48-RAP)	7,056.14	
27 29 00 00-0370	EA		Remote Access Point License (64 Access Point License) (Aruba networks LIC-64-RAP)	8,913.02	
27 29 00 00-0371	EA		Remote Access Point License (128 Access Point License) (Aruba networks LIC-128-RAP)	16,835.71	
27 29 00 00-0372	EA		Remote Access Point License (256 Access Point License) (Aruba networks LIC-256-RAP)	32,000.23	
27 29 00 00-0373	EA		Remote Access Point License (512 Access Point License) (Aruba networks LIC-512-RAP)	60,616.82	
27 29 00 00-0374	EA		Remote Access Point License (1024 Access Point License) (Aruba networks LIC-1024-RAP)	114,486.97	
27 29 00 00-0375	EA		xSec Module Upgrade LIC-804-XSC to LIC-800-XSC (Aruba networks 804-UG-XSC-1)	3,094.80	
27 29 00 00-0376	EA		xSec Module for A200 (8 AP License) (Aruba networks LIC-200-XSC)	722.12	
27 29 00 00-0377	EA		xSec Module for A2400-48 (48 AP License) (Aruba networks LIC-2400-XSC)	8,252.80	
27 29 00 00-0378	EA		xSec Module for A800-16 (16 AP License) (Aruba networks LIC-800-XSC)	4,126.40	
27 29 00 00-0379	EA		xSec Module for A800-4 (4 AP License) (Aruba networks LIC-804-XSC)	1,031.60	
27 29 00 00-0380	EA		xSec Module for Aruba Supervisor Card I (128 AP) (Aruba networks LIC-SC1-XSC)	16,505.60	
27 29 00 00-0381	EA		xSec Module for Aruba Supervisor Card I (48 AP) (Aruba networks LIC-SC1-XSC-48)	10,316.00	
27 29 00 00-0382	EA		xSec Module for Supervisor Card I (Upgrade 48 AP to 128 AP) (Aruba networks LIC-SC1-XSC-UG-1)	10,316.00	
27 29 00 00-0383	EA		xSec Module for Aruba Supervisor Card II (256 AP) (Aruba networks LIC-SC2-XSC)	33,011.20	
27 29 00 00-0384	EA		xSec Module License (1024 Sessions) (Aruba networks LIC-XSC-1024)	14,855.04	
27 29 00 00-0385	EA		xSec Module License (32 Sessions) (Aruba networks LIC-XSC-32)	598.33	
27 29 00 00-0386	EA		xSec Module License (64 Sessions) (Aruba networks LIC-XSC-64)	1,134.76	
27 29 00 00-0387	EA		xSec Module License (128 Sessions) (Aruba networks LIC-XSC-128)	2,166.36	
27 29 00 00-0388	EA		xSec Module License (256 Sessions) (Aruba networks LIC-XSC-256)	4,126.40	
27 29 00 00-0389	EA		xSec Module License (512 Sessions) (Aruba networks LIC-XSC-512)	7,840.16	
27 29 00 00-0390	EA		xSec Module License (2048 Sessions) (Aruba networks LIC-XSC-2048)	28,059.52	
27 29 00 00-0391	EA		xSec Module License (4096 Sessions) (Aruba networks LIC-XSC-4096)	50,507.14	
27 29 00 00-0392	EA		xSec Module License (8192 Sessions) (Aruba networks LIC-XSC-8192)	89,790.46	
27 29 00 00-0393	EA		Advanced Cryptography (8 Sessions) (Aruba networks LIC-ACR-8)	2,104.46	
27 29 00 00-0394	EA		Advanced Cryptography (32 Sessions) (Aruba networks LIC-ACR-32)	7,881.42	
27 29 00 00-0395	EA		Advanced Cryptography (64 Sessions) (Aruba networks LIC-ACR-64)	14,813.78	
27 29 00 00-0396	EA		Advanced Cryptography (128 Sessions) (Aruba networks LIC-ACR-128)	27,853.20	
27 29 00 00-0397	EA		Advanced Cryptography (256 Sessions) (Aruba networks LIC-ACR-256)	52,343.38	
27 29 00 00-0398	EA		Advanced Cryptography (512 Sessions) (Aruba networks LIC-ACR-512)	98,394.01	
27 29 00 00-0399	EA		Advanced Cryptography (1024 Sessions) (Aruba networks LIC-ACR-1024)	174,340.40	
27 29 00 00-0400	EA		PoE License for 600 Series (4 Ports) (Aruba networks LIC-4-POE)	247.58	

27 29 00 00-0401 AirWave (27 29 00 00-0001)

27 29 00 00-0402	EA		AirWave license for 25 devices (Aruba networks AW-25)	5,673.80	
27 29 00 00-0403	EA		AirWave license for 50 devices (Aruba networks AW-50)	10,305.68	
27 29 00 00-0404	EA		AirWave license for 100 devices (Aruba networks AW-100)	18,558.48	
27 29 00 00-0405	EA		AirWave license for 200 devices (Aruba networks AW-200)	30,937.68	
27 29 00 00-0406	EA		AirWave license for 500 devices (Aruba networks AW-500)	56,727.68	
27 29 00 00-0407	EA		AirWave license for 1000 devices (Aruba networks AW-1000)	76,328.08	
27 29 00 00-0408	EA		AirWave license for 2500 devices (Aruba networks AW-2500)	175,361.68	
27 29 00 00-0409	EA		AirWave site license for 2500 devices (Aruba networks AW-SL2500)	252,742.00	
27 29 00 00-0410	EA		AirWave expansion license (Aruba networks AW-EXP1-50)	204.26	
27 29 00 00-0411	EA		AirWave expansion license (2500 volume) (Aruba networks AW-EXP1-2500)	70.15	
27 29 00 00-0412	EA		AirWave site license expansion (Aruba networks AW-EXP1-SL2500)	101.10	
27 29 00 00-0413	EA		AirWave Failover for 25 devices (Aruba networks AW-25-FR)	1,702.14	
27 29 00 00-0414	EA		AirWave Failover for 50 devices (Aruba networks AW-50-FR)	3,084.48	
27 29 00 00-0415	EA		AirWave Failover for 100 devices (Aruba networks AW-100-FR)	5,560.32	
27 29 00 00-0416	EA		AirWave Failover for 200 devices (Aruba networks AW-200-FR)	9,274.08	
27 29 00 00-0417	EA		AirWave Failover for 500 devices (Aruba networks AW-500-FR)	16,495.28	
27 29 00 00-0418	EA		AirWave Failover for 1000 devices (Aruba networks AW-1000-FR)	20,621.68	
27 29 00 00-0419	EA		AirWave Failover for 2500 devices (Aruba networks AW-2500-FR)	51,569.68	
27 29 00 00-0420	EA		AirWave Failover expansion license (Aruba networks AW-EXF1-50)	61.90	
27 29 00 00-0421	EA		AirWave failover expansion (2500 volume) (Aruba networks AW-EXF1-2500)	20.63	
27 29 00 00-0422	EA		AirWave Master Console (Aruba networks AW-MASTER)	30,937.68	
27 29 00 00-0423	EA		Hardware appliance for AirWave Professional Edition and smaller software licenses (Aruba networks AW-HW-PRO)	100,838.90	
27 29 00 00-0424	EA		Hardware appliance for AirWave Enterprise Edition and smaller software licenses (Aruba networks AW-HW-ENT)	134,685.70	
27 29 00 00-0425	EA		717W redundant power supply for the AW-HW-PRO and AW-HW-ENT appliance hardware. Customer Install. (Aruba networks AW-HW-PSU)	2,197.31	

27 29 00 00-0426 Amigopod (27 29 00 00-0001)

27 29 00 00-0427	EA		SW starter kit (includes 100 user license) (Aruba networks AMG-SW-100)	20,621.68	
27 29 00 00-0428	EA		HW appliance kit (100 user license) (Aruba networks AMG-HW-100)	30,937.68	
27 29 00 00-0429	EA		HW appliance kit (2500 user license) (Aruba networks AMG-HW-2500)	154,729.68	
27 29 00 00-0430	EA		HA SW starter kit for AMG-SW-100 (Aruba networks AMG-SW-100R)	20,621.68	
27 29 00 00-0431	EA		HA HW appliance kit for AMG-HW-100 (Aruba networks AMG-HW-100R)	30,937.68	
27 29 00 00-0432	EA		Amigopod HW-2500 appliance with Amigopod software, no user license included, max 25,000 users (Aruba networks AMG-HW-BASE)	74,264.88	
27 29 00 00-0433	EA		Amigopod 50000 user expansion pack (Aruba networks AMG-LIC-50000)	1,031,600.00	
27 29 00 00-0434	EA		Amigopod 25000 user expansion pack (Aruba networks AMG-LIC-25000)	644,750.00	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0435	EA		Amigopod 10000 user expansion pack (Aruba networks AMG-LIC-10000).....	309,480.00	
27 29 00 00-0436	EA		Amigopod 2500 user expansion pack (Aruba networks AMG-LIC-2500).....	103,149.68	
27 29 00 00-0437	EA		Amigopod 1000 user expansion pack (Aruba networks AMG-LIC-1000).....	61,885.68	
27 29 00 00-0438	EA		Amigopod 200 user expansion pack (Aruba networks AMG-LIC-200).....	30,937.68	
27 29 00 00-0439	EA		50 User License Pack (Aruba networks AMG-LIC-50).....	8,242.48	
27 29 00 00-0440	EA		Advertising Services Plugin 200 users (Aruba networks AMG-ADVERT-200)	10,305.68	
27 29 00 00-0441	EA		Advertising Services Plugin 500 users (Aruba networks AMG-ADVERT-500)	20,621.68	
27 29 00 00-0442	EA		Advertising Services Plugin 10,000 users (Aruba networks AMG-ADVERT-10000).....	61,885.68	
27 29 00 00-0443	EA		UI Customization Service (Aruba networks AMG-SKIN-PS).....	5,158.00	
27 29 00 00-0444			ClearPass (27 29 00 00-0001)		
27 29 00 00-0445	EA		Aruba ClearPass Policy Manager 500 HW Appliance - RADIUS/TACACS+ server with advanced policy control for up to 500 unique endpoints. Includes 25 endpoint Enterprise License. (Aruba networks CP-HW-500)	20,632.00	
27 29 00 00-0446	EA		Aruba ClearPass Policy Manager 5K HW Appliance - RADIUS/TACACS+ server with advanced policy control for up to 5,000 unique endpoints. Includes 25 endpoint Enterprise License (Aruba networks CP-HW-5K).....	46,422.00	
27 29 00 00-0447	EA		Aruba ClearPass Policy Manager 25K HW Appliance - RADIUS/TACACS+ server with advanced policy control for up to 25,000 unique endpoints. Includes 25 endpoint Enterprise License (Aruba networks CP-HW-25K).....	134,108.00	
27 29 00 00-0448	EA		Aruba ClearPass Policy Manager 500 Virtual Appliance - RADIUS/TACACS+ server with advanced policy control for up to 500 unique endpoints. Includes 25 endpoint Enterprise License (Aruba networks CP-VA-500).....	13,410.80	
27 29 00 00-0449	EA		Aruba ClearPass Policy Manager 5K Virtual Appliance - RADIUS/TACACS+ server with advanced policy control for up to 5,000 unique endpoints. Includes 25 endpoint Enterprise License (Aruba networks CP-VA-5K).....	30,948.00	
27 29 00 00-0450	EA		Aruba ClearPass Policy Manager 25K Virtual Appliance - RADIUS/TACACS+ server with advanced policy control for up to 25,000 unique endpoints. Includes 25 endpoint Enterprise License (Aruba networks CP-VA-25K).....	113,476.00	
27 29 00 00-0451	EA		OnGuard License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks LIC-CP-OG-100).....	4,642.20	
27 29 00 00-0452	EA		OnGuard License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks LIC-CP-OG-500).....	23,211.00	
27 29 00 00-0453	EA		OnGuard License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks LIC-CP-OG-1K).....	37,137.60	
27 29 00 00-0454	EA		OnGuard License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks LIC-CP-OG-2500).....	92,844.00	
27 29 00 00-0455	EA		OnGuard License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks LIC-CP-OG-5K).....	139,266.00	
27 29 00 00-0456	EA		OnGuard License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks LIC-CP-OG-10K).....	278,532.00	
27 29 00 00-0457	EA		OnGuard License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks LIC-CP-OG-25K).....	464,220.00	
27 29 00 00-0458	EA		OnGuard License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks LIC-CP-OG-50K).....	928,440.00	
27 29 00 00-0459	EA		OnGuard License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks LIC-CP-OG-100K).....	1,856,880.00	
27 29 00 00-0460	EA		Onboard License for Aruba ClearPass Policy Manager - 100 devices (Aruba networks LIC-CP-OB-100).....	7,221.20	
27 29 00 00-0461	EA		Onboard License for Aruba ClearPass Policy Manager - 500 devices (Aruba networks LIC-CP-OB-500).....	35,074.40	
27 29 00 00-0462	EA		Onboard License for Aruba ClearPass Policy Manager - 1,000 devices (Aruba networks LIC-CP-OB-1K).....	61,380.20	
27 29 00 00-0463	EA		Onboard License for Aruba ClearPass Policy Manager - 2,500 devices (Aruba networks LIC-CP-OB-2500).....	131,529.00	
27 29 00 00-0464	EA		Onboard License for Aruba ClearPass Policy Manager - 5,000 devices (Aruba networks LIC-CP-OB-5K).....	236,752.20	
27 29 00 00-0465	EA		Onboard License for Aruba ClearPass Policy Manager - 10,000 devices (Aruba networks LIC-CP-OB-10K).....	438,430.00	
27 29 00 00-0466	EA		Onboard License for Aruba ClearPass Policy Manager - 25,000 devices (Aruba networks LIC-CP-OB-25K).....	876,860.00	
27 29 00 00-0467	EA		Onboard License for Aruba ClearPass Policy Manager - 50,000 devices (Aruba networks LIC-CP-OB-50K).....	1,315,290.00	
27 29 00 00-0468	EA		Onboard License for Aruba ClearPass Policy Manager - 100,000 devices (Aruba networks LIC-CP-OB-100K).....	1,960,040.00	
27 29 00 00-0469	EA		Guest License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks LIC-CP-GM-100).....	6,189.60	
27 29 00 00-0470	EA		Guest License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks LIC-CP-GM-500).....	20,632.00	
27 29 00 00-0471	EA		Guest License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks LIC-CP-GM-1K).....	33,011.20	
27 29 00 00-0472	EA		Guest License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks LIC-CP-GM-2500).....	82,528.00	
27 29 00 00-0473	EA		Guest License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks LIC-CP-GM-5K).....	123,792.00	
27 29 00 00-0474	EA		Guest License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks LIC-CP-GM-10K).....	206,320.00	
27 29 00 00-0475	EA		Guest License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks LIC-CP-GM-25K).....	412,640.00	
27 29 00 00-0476	EA		Guest License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks LIC-CP-GM-50K).....	618,960.00	
27 29 00 00-0477	EA		Guest License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks LIC-CP-GM-100K).....	1,031,600.00	
27 29 00 00-0478	EA		Enterprise License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks LIC-CP-EN-100).....	8,768.60	
27 29 00 00-0479	EA		Enterprise License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks LIC-CP-EN-500).....	41,779.80	
27 29 00 00-0480	EA		Enterprise License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks LIC-CP-EN-1K).....	74,275.20	
27 29 00 00-0481	EA		Enterprise License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks LIC-CP-EN-2500).....	139,266.00	
27 29 00 00-0482	EA		Enterprise License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks LIC-CP-EN-5K).....	222,825.60	
27 29 00 00-0483	EA		Enterprise License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks LIC-CP-EN-10K).....	445,651.20	
27 29 00 00-0484	EA		Enterprise License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks LIC-CP-EN-25K).....	974,862.00	
27 29 00 00-0485	EA		Enterprise License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks LIC-CP-EN-50K).....	1,764,036.00	
27 29 00 00-0486	EA		Enterprise License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks LIC-CP-EN-100K).....	3,528,072.00	
27 29 00 00-0487	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB1-CP-EN-100).....	4,126.40	
27 29 00 00-0488	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB1-CP-EN-500).....	18,568.80	
27 29 00 00-0489	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB1-CP-EN-1K).....	33,011.20	
27 29 00 00-0490	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB1-CP-EN-2500).....	61,896.00	
27 29 00 00-0491	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB1-CP-EN-5K).....	99,033.60	
27 29 00 00-0492	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB1-CP-EN-10K).....	198,067.20	
27 29 00 00-0493	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB1-CP-EN-25K).....	433,272.00	
27 29 00 00-0494	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB1-CP-EN-50K).....	784,016.00	
27 29 00 00-0495	EA		Enterprise 1 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB1-CP-EN-100K).....	1,568,032.00	
27 29 00 00-0496	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB3-CP-EN-100).....	9,800.20	
27 29 00 00-0497	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB3-CP-EN-500).....	46,422.00	

27 Communications**27 20 Data Communications****27 29 Data Communications Network Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0498	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB3-CP-EN-1K)	82,528.00	
27 29 00 00-0499	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB3-CP-EN-2500).....	154,740.00	
27 29 00 00-0500	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB3-CP-EN-5K)	247,584.00	
27 29 00 00-0501	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB3-CP-EN-10K)	495,168.00	
27 29 00 00-0502	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB3-CP-EN-25K)	1,083,180.00	
27 29 00 00-0503	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB3-CP-EN-50K)	1,960,040.00	
27 29 00 00-0504	EA		Enterprise 3 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB3-CP-EN-100K).....	3,920,080.00	
27 29 00 00-0505	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB5-CP-EN-100).....	12,379.20	
27 29 00 00-0506	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB5-CP-EN-500).....	58,285.40	
27 29 00 00-0507	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB5-CP-EN-1K)	103,160.00	
27 29 00 00-0508	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB5-CP-EN-2500).....	193,425.00	
27 29 00 00-0509	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB5-CP-EN-5K)	309,480.00	
27 29 00 00-0510	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB5-CP-EN-10K)	618,960.00	
27 29 00 00-0511	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB5-CP-EN-25K)	1,353,975.00	
27 29 00 00-0512	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB5-CP-EN-50K)	2,450,050.00	
27 29 00 00-0513	EA		Enterprise 5 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB5-CP-EN-100K).....	4,900,100.00	
27 29 00 00-0514	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 100 devices (Aruba networks SUB1-CP-OB-100).....	3,094.80	
27 29 00 00-0515	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 500 devices (Aruba networks SUB1-CP-OB-500).....	15,474.00	
27 29 00 00-0516	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 devices (Aruba networks SUB1-CP-OB-1K)	27,853.20	
27 29 00 00-0517	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 devices (Aruba networks SUB1-CP-OB-2500)	58,801.20	
27 29 00 00-0518	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 devices (Aruba networks SUB1-CP-OB-5K)	105,223.20	
27 29 00 00-0519	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 devices (Aruba networks SUB1-CP-OB-10K)	194,972.40	
27 29 00 00-0520	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 devices (Aruba networks SUB1-CP-OB-25K)	388,913.20	
27 29 00 00-0521	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 devices (Aruba networks SUB1-CP-OB-50K)	583,885.60	
27 29 00 00-0522	EA		Onboard 1 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 devices (Aruba networks SUB1-CP-OB-100K).....	869,638.80	
27 29 00 00-0523	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 100 devices (Aruba networks SUB3-CP-OB-100).....	8,252.80	
27 29 00 00-0524	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 500 devices (Aruba networks SUB3-CP-OB-500).....	38,685.00	
27 29 00 00-0525	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 devices (Aruba networks SUB3-CP-OB-1K)	68,085.60	
27 29 00 00-0526	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 devices (Aruba networks SUB3-CP-OB-2500)	145,971.40	
27 29 00 00-0527	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 devices (Aruba networks SUB3-CP-OB-5K)	263,058.00	
27 29 00 00-0528	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 devices (Aruba networks SUB3-CP-OB-10K)	485,883.60	
27 29 00 00-0529	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 devices (Aruba networks SUB3-CP-OB-25K)	973,314.60	
27 29 00 00-0530	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 devices (Aruba networks SUB3-CP-OB-50K)	1,459,714.00	
27 29 00 00-0531	EA		Onboard 3 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 devices (Aruba networks SUB3-CP-OB-100K)	2,175,644.40	
27 29 00 00-0532	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 100 devices (Aruba networks SUB5-CP-OB-100).....	10,316.00	
27 29 00 00-0533	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 500 devices (Aruba networks SUB5-CP-OB-500).....	48,485.20	
27 29 00 00-0534	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 devices (Aruba networks SUB5-CP-OB-1K)	85,622.80	
27 29 00 00-0535	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 devices (Aruba networks SUB5-CP-OB-2500)	183,109.00	
27 29 00 00-0536	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 devices (Aruba networks SUB5-CP-OB-5K)	329,080.40	
27 29 00 00-0537	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 devices (Aruba networks SUB5-CP-OB-10K)	609,675.60	
27 29 00 00-0538	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 devices (Aruba networks SUB5-CP-OB-25K)	1,218,835.40	
27 29 00 00-0539	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 devices (Aruba networks SUB5-CP-OB-50K)	1,825,932.00	
27 29 00 00-0540	EA		Onboard 5 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 devices (Aruba networks SUB5-CP-OB-100K).....	2,724,455.60	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0541 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB1-CP-GM-100)	2,579.00	
27 29 00 00-0542 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB1-CP-GM-500)	9,284.40	
27 29 00 00-0543 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB1-CP-GM-1K)	14,958.20	
27 29 00 00-0544 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB1-CP-GM-2500)	36,621.80	
27 29 00 00-0545 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB1-CP-GM-5K)	55,190.60	
27 29 00 00-0546 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB1-CP-GM-10K)	91,812.40	
27 29 00 00-0547 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB1-CP-GM-25K)	183,109.00	
27 29 00 00-0548 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB1-CP-GM-50K)	275,437.20	
27 29 00 00-0549 EA Guest 1 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB1-CP-GM-100K)	458,030.40	
27 29 00 00-0550 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB3-CP-GM-100)	7,221.20	
27 29 00 00-0551 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB3-CP-GM-500)	22,695.20	
27 29 00 00-0552 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB3-CP-GM-1K)	36,621.80	
27 29 00 00-0553 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB3-CP-GM-2500)	91,812.40	
27 29 00 00-0554 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB3-CP-GM-5K)	137,202.80	
27 29 00 00-0555 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB3-CP-GM-10K)	229,015.20	
27 29 00 00-0556 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB3-CP-GM-25K)	458,030.40	
27 29 00 00-0557 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB3-CP-GM-50K)	687,045.60	
27 29 00 00-0558 EA Guest 3 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB3-CP-GM-100K)	1,145,076.00	
27 29 00 00-0559 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB5-CP-GM-100)	8,768.60	
27 29 00 00-0560 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB5-CP-GM-500)	28,884.80	
27 29 00 00-0561 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB5-CP-GM-1K)	45,906.20	
27 29 00 00-0562 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB5-CP-GM-2500)	114,507.60	
27 29 00 00-0563 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB5-CP-GM-5K)	172,277.20	
27 29 00 00-0564 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB5-CP-GM-10K)	286,784.80	
27 29 00 00-0565 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB5-CP-GM-25K)	573,569.60	
27 29 00 00-0566 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB5-CP-GM-50K)	860,354.40	
27 29 00 00-0567 EA Guest 5 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB5-CP-GM-100K)	1,433,924.00	
27 29 00 00-0568 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB1-CP-OG-100)	2,063.20	
27 29 00 00-0569 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB1-CP-OG-500)	10,316.00	
27 29 00 00-0570 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB1-CP-OG-1K)	16,505.60	
27 29 00 00-0571 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB1-CP-OG-2500)	41,264.00	
27 29 00 00-0572 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB1-CP-OG-5K)	61,896.00	
27 29 00 00-0573 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB1-CP-OG-10K)	123,792.00	
27 29 00 00-0574 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB1-CP-OG-25K)	205,288.40	
27 29 00 00-0575 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB1-CP-OG-50K)	411,608.40	
27 29 00 00-0576 EA OnGuard 1 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB1-CP-OG-100K)	824,248.40	
27 29 00 00-0577 EA OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB3-CP-OG-100)	6,189.60	
27 29 00 00-0578 EA OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB3-CP-OG-500)	25,790.00	
27 29 00 00-0579 EA OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB3-CP-OG-1K)	41,264.00	
27 29 00 00-0580 EA OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB3-CP-OG-2500)	103,160.00	
27 29 00 00-0581 EA OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB3-CP-OG-5K)	154,740.00	
27 29 00 00-0582 EA OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB3-CP-OG-10K)	308,448.40	
27 29 00 00-0583 EA OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB3-CP-OG-25K)	514,768.40	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0584	EA		OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB3-CP-OG-50K).....	1,030,568.40	
27 29 00 00-0585	EA		OnGuard 3 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB3-CP-OG-100K).....	2,061,136.80	
27 29 00 00-0586	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 100 endpoints (Aruba networks SUB5-CP-OG-100).....	6,705.40	
27 29 00 00-0587	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 500 endpoints (Aruba networks SUB5-CP-OG-500).....	31,979.60	
27 29 00 00-0588	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 1,000 endpoints (Aruba networks SUB5-CP-OG-1K).....	51,580.00	
27 29 00 00-0589	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 2,500 endpoints (Aruba networks SUB5-CP-OG-2500).....	128,950.00	
27 29 00 00-0590	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 5,000 endpoints (Aruba networks SUB5-CP-OG-5K).....	206,320.00	
27 29 00 00-0591	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 10,000 endpoints (Aruba networks SUB5-CP-OG-10K).....	386,850.00	
27 29 00 00-0592	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 25,000 endpoints (Aruba networks SUB5-CP-OG-25K).....	644,750.00	
27 29 00 00-0593	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 50,000 endpoints (Aruba networks SUB5-CP-OG-50K).....	1,290,531.60	
27 29 00 00-0594	EA		OnGuard 5 Year Subscription License for Aruba ClearPass Policy Manager - 100,000 endpoints (Aruba networks SUB5-CP-OG-100K).....	2,579,000.00	
27 29 00 00-0595	EA		1-year Aruba QuickConnect Cloud Service Subscription - 1-1,000 users (price per user) - Includes support. (Aruba networks QC-1-C).....	12.38	
27 29 00 00-0596	EA		1-year Aruba QuickConnect Cloud Service Subscription - 1,001-5,000 users (price per user) - Includes support. (Aruba networks QC-2-C).....	9.28	
27 29 00 00-0597	EA		1-year Aruba QuickConnect Cloud Service Subscription - 5,001-10,000 users (price per user) - Includes support. (Aruba networks QC-3-C).....	7.22	
27 29 00 00-0598	EA		1-year Aruba QuickConnect Cloud Service Subscription - Increments of 10,000 users (price per user) - Includes support. (Aruba networks QC-4-C).....	5.16	
27 29 00 00-0599			Aruba Instant Access Points (27 29 00 00-0001)		
27 29 00 00-0600	EA		Aruba Instant 92 Wireless Access Point, 802.11abgn, dual-band, single radio, antenna connectors. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-92).....	814.96	
27 29 00 00-0601	EA		Aruba Instant 92 Wireless Access Point, 802.11abgn, dual-band, single radio, antenna connectors. Restricted Regulatory Domain - US (Aruba networks IAP-92-US).....	814.96	
27 29 00 00-0602	EA		Aruba Instant 92 Wireless Access Point, 802.11abgn, dual-band, single radio, antenna connectors. Restricted Regulatory Domain - IL (Aruba networks IAP-92-IL).....	814.96	
27 29 00 00-0603	EA		Aruba Instant 92 Wireless Access Point, 802.11abgn, dual-band, single radio, antenna connectors. Restricted Regulatory Domain - JP (Aruba networks IAP-92-JP).....	814.96	
27 29 00 00-0604	EA		Aruba Instant 93 Wireless Access Point, 802.11abgn, dual-band, single radio, integrated antennas. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-93).....	814.96	
27 29 00 00-0605	EA		Aruba Instant 93 Wireless Access Point, 802.11abgn, dual-band, single radio, integrated antennas. Restricted Regulatory Domain - US (Aruba networks IAP-93-US).....	814.96	
27 29 00 00-0606	EA		Aruba Instant 93 Wireless Access Point, 802.11abgn, dual-band, single radio, integrated antennas. Restricted Regulatory Domain - IL (Aruba networks IAP-93-IL).....	814.96	
27 29 00 00-0607	EA		Aruba Instant 93 Wireless Access Point, 802.11abgn, dual-band, single radio, integrated antennas. Restricted Regulatory Domain - JP (Aruba networks IAP-93-JP).....	814.96	
27 29 00 00-0608	EA		Aruba Instant 104 Wireless Access Point, 802.11abgn, dual-band, dual radio, antenna connectors. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-104).....	1,433.92	
27 29 00 00-0609	EA		Aruba Instant 104 Wireless Access Point, 802.11abgn, dual-band, dual radio, antenna connectors. Restricted Regulatory Domain - US (Aruba networks IAP-104-US).....	1,433.92	
27 29 00 00-0610	EA		Aruba Instant 104 Wireless Access Point, 802.11abgn, dual-band, dual radio, antenna connectors. Restricted Regulatory Domain - IL (Aruba networks IAP-104-IL).....	1,433.92	
27 29 00 00-0611	EA		Aruba Instant 104 Wireless Access Point, 802.11abgn, dual-band, dual radio, antenna connectors. Restricted Regulatory Domain - JP (Aruba networks IAP-104-JP).....	1,433.92	
27 29 00 00-0612	EA		Aruba Instant 104 Wireless Access Point, 802.11abgn, dual-band, dual radio, antenna connectors. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks IAP-104-F1).....	1,640.24	
27 29 00 00-0613	EA		Aruba Instant 104 Wireless Access Point, 802.11abgn, dual-band, dual radio, antenna connectors. Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks IAP-104-USF1).....	1,640.24	
27 29 00 00-0614	EA		Aruba Instant 105 Wireless Access Point, 802.11abgn, dual-band, dual radio, integrated antennas. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-105).....	1,433.92	
27 29 00 00-0615	EA		Aruba Instant 105 Wireless Access Point, 802.11abgn, dual-band, dual radio, integrated antennas. Restricted Regulatory Domain - US (Aruba networks IAP-105-US).....	1,433.92	
27 29 00 00-0616	EA		Aruba Instant 105 Wireless Access Point, 802.11abgn, dual-band, dual radio, integrated antennas. Restricted Regulatory Domain - IL (Aruba networks IAP-105-IL).....	1,433.92	
27 29 00 00-0617	EA		Aruba Instant 105 Wireless Access Point, 802.11abgn, dual-band, dual radio, integrated antennas. Restricted Regulatory Domain - JP (Aruba networks IAP-105-JP).....	1,433.92	
27 29 00 00-0618	EA		Aruba Instant 105 Wireless Access Point, 802.11abgn, dual-band, dual radio, integrated antennas. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks IAP-105-F1).....	1,640.24	
27 29 00 00-0619	EA		Aruba Instant 105 Wireless Access Point, 802.11abgn, dual-band, dual radio, integrated antennas. Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks IAP-105-USF1).....	1,640.24	
27 29 00 00-0620	EA		Aruba Instant 135 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, integrated antennas. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-135).....	2,259.20	
27 29 00 00-0621	EA		Aruba Instant 135 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, integrated antennas. Restricted Regulatory Domain - US (Aruba networks IAP-135-US).....	2,259.20	
27 29 00 00-0622	EA		Aruba Instant 135 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, integrated antennas. Restricted Regulatory Domain - IL (Aruba networks IAP-135-IL).....	2,259.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0623 EA Aruba Instant 135 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, integrated antennas. Restricted Regulatory Domain - JP (Aruba networks IAP-135-JP)	2,259.20	
27 29 00 00-0624 EA Aruba Instant 135 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, integrated antennas. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks IAP-135-F1).....	2,671.84	
27 29 00 00-0625 EA Aruba Instant 135 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, integrated antennas. Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks IAP-135-USF1)	2,671.84	
27 29 00 00-0626 EA Aruba Instant 134 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, antenna connectors. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-134)	2,259.20	
27 29 00 00-0627 EA Aruba Instant 134 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, antenna connectors. Restricted Regulatory Domain - US (Aruba networks IAP-134-US)	2,259.20	
27 29 00 00-0628 EA Aruba Instant 134 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, antenna connectors. Restricted Regulatory Domain - IL (Aruba networks IAP-134-IL)	2,259.20	
27 29 00 00-0629 EA Aruba Instant 134 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, antenna connectors. Restricted Regulatory Domain - JP (Aruba networks IAP-134-JP)	2,259.20	
27 29 00 00-0630 EA Aruba Instant 134 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, antenna connectors. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks IAP-134-F1).....	2,671.84	
27 29 00 00-0631 EA Aruba Instant 134 Wireless Access Point, 802.11abgn, 3x3:3, dual radio, antenna connectors. Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks IAP-134-USF1)	2,671.84	
27 29 00 00-0632 EA Aruba Instant 175P Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, POE powered. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-175P)	4,735.04	
27 29 00 00-0633 EA Aruba Instant 175P Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, POE powered. Restricted Regulatory Domain - US (Aruba networks IAP-175P-US)	4,735.04	
27 29 00 00-0634 EA Aruba Instant 175P Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, POE powered. Restricted Regulatory Domain - IL (Aruba networks IAP-175P-IL)	4,735.04	
27 29 00 00-0635 EA Aruba Instant 175P Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, POE powered. Restricted Regulatory Domain - JP (Aruba networks IAP-175P-JP).....	4,735.04	
27 29 00 00-0636 EA Aruba Instant 175P Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, POE powered. Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks IAP-175P-F1)	5,457.16	
27 29 00 00-0637 EA Aruba Instant 175P Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, POE powered. Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks IAP-175P-USF1)	5,457.16	
27 29 00 00-0638 EA Aruba Instant 175AC Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, AC powered (with PSE function). Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel (Aruba networks IAP-175AC).....	5,354.00	
27 29 00 00-0639 EA Aruba Instant 175AC Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, AC powered (with PSE function). Restricted Regulatory Domain - US (Aruba networks IAP-175AC-US).....	5,354.00	
27 29 00 00-0640 EA Aruba Instant 175AC Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, AC powered (with PSE function). Restricted Regulatory Domain - IL (Aruba networks IAP-175AC-IL).....	5,354.00	
27 29 00 00-0641 EA Aruba Instant 175AC Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, AC powered (with PSE function). Restricted Regulatory Domain - JP (Aruba networks IAP-175AC-JP)	5,354.00	
27 29 00 00-0642 EA Aruba Instant 175AC Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, AC powered (with PSE function). Unrestricted Regulatory Domain. These products should be considered as Rest of World products and MUST NOT be used for deployments in the United States, Japan or Israel, FIPS/TAA (Aruba networks IAP-175AC-F1).....	6,179.28	
27 29 00 00-0643 EA Aruba Instant 175AC Wireless Outdoor Access Point, 802.11abgn, dual-band, dual radio, AC powered (with PSE function). Restricted Regulatory Domain - US, FIPS/TAA (Aruba networks IAP-175AC-USF1).....	6,179.28	
27 29 00 00-0644 ARUBA S3500 Mobility Access Switch <small>(27 29 00 00-0001)</small>		
27 29 00 00-0645 EA S3500-24P Mobility Access Switch with 24 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 600W AC power supply. RoW regulatory (NOT for deployments in USA or Israel). (Aruba networks S3500-24P)	8,242.48	
27 29 00 00-0646 EA S3500-24P Mobility Access Switch with 24 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 600W AC power supply. US regulatory (for deployments in USA only). (Aruba networks S3500-24P-US).....	8,242.48	
27 29 00 00-0647 EA S3500-24P Mobility Access Switch with 24 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 600W AC power supply. IL regulatory (for deployments in Israel only). (Aruba networks S3500-24P-IL)	8,242.48	
27 29 00 00-0648 EA S3500-24T Mobility Access Switch with 24 10/100/1000BASE-T ports and optional uplink module slot (uplink module ordered separately). Includes 350W AC power supply. (Aruba networks S3500-24T)	6,591.92	
27 29 00 00-0649 EA S3500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 600W AC power supply. RoW regulatory (NOT for deployments in USA or Israel). (Aruba networks S3500-48P).....	14,432.08	
27 29 00 00-0650 EA S3500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 600W AC power supply. US regulatory (for deployments in USA only). (Aruba networks S3500-48P-US).....	14,432.08	
27 29 00 00-0651 EA S3500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 600W AC power supply. IL regulatory (for deployments in Israel only). (Aruba networks S3500-48P-IL)	14,432.08	
27 29 00 00-0652 EA S3500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 1050W AC power supply. RoW regulatory (NOT for deployments in USA or Israel). (Aruba networks S3500-48PF).....	15,463.68	
27 29 00 00-0653 EA S3500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 1050W AC power supply. US regulatory (for deployments in USA only). (Aruba networks S3500-48PF-US).....	15,463.68	
27 29 00 00-0654 EA S3500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports and optional uplink module slot (uplink module ordered separately). Includes 1050W AC power supply. IL regulatory (for deployments in Israel only). (Aruba networks S3500-48PF-IL).....	15,463.68	
27 29 00 00-0655 EA S3500-48T Mobility Access Switch with 48 10/100/1000BASE-T ports and optional uplink module slot (uplink module ordered separately). Includes 350W AC power supply. (Aruba networks S3500-48T)	11,337.28	
27 29 00 00-0656 EA S3500-24F Mobility Access Switch with 24 GbE SFP ports (optics ordered separately) and optional uplink module slot (uplink module ordered separately). Includes 350W AC power supply. (Aruba networks S3500-24F).....	14,432.08	

27 Communications**27 20 Data Communications****27 29 Data Communications Network Systems**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0657 EA S3500 Uplink Module with 4 GbE/10GbE SFP/SFP+ (pluggable transceivers ordered separately) for use with S3500-24T, -24P, -48T, -48P and -48PF. Provides uplinks and ArubaStack interconnects. Includes one 50cm direct-attach cable (DAC) for ArubaStack. (Aruba networks S3500-4x10G).....	3,084.48	
27 29 00 00-0658 EA 350W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series, S3500-24T and S3500-48T. (Aruba networks PSU-350-AC)	1,021.28	
27 29 00 00-0659 EA 600W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for S3500-24P, -48P, -24T, -48T. (Aruba networks PSU-600-AC).....	2,052.88	
27 29 00 00-0660 EA 1050W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for S3500-24P, -48P, -24T, -48T. (Aruba networks PSU-1050-AC).....	3,084.48	
27 29 00 00-0661 ARUBA S2500 Mobility Access Switch (27 29 00 00-0001)		
27 29 00 00-0662 EA S2500-24T Mobility Access Switch with 24 10/100/1000BASE-T ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. (Aruba networks S2500-24T).....	6,179.28	
27 29 00 00-0663 EA S2500-24P Mobility Access Switch with 24 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. RoW regulatory (NOT for deployments in USA or Israel). (Aruba networks S2500-24P)	7,829.84	
27 29 00 00-0664 EA S2500-24P Mobility Access Switch with 24 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. US regulatory (for deployments in USA only). (Aruba networks S2500-24P-US)	7,829.84	
27 29 00 00-0665 EA S2500-24P Mobility Access Switch with 24 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. IL regulatory (for deployments in Israel only). (Aruba networks S2500-24P-IL)	7,829.84	
27 29 00 00-0666 EA S2500-48T Mobility Access Switch with 48 10/100/1000BASE-T ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. (Aruba networks S2500-48T).....	10,718.32	
27 29 00 00-0667 EA S2500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. RoW regulatory (NOT for deployments in USA or Israel). (Aruba networks S2500-48P)	14,019.44	
27 29 00 00-0668 EA S2500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. US regulatory (for deployments in USA only). (Aruba networks S2500-48P-US)	14,019.44	
27 29 00 00-0669 EA S2500-48P Mobility Access Switch with 48 10/100/1000BASE-T IEEE 802.3af PoE/802.3at PoE+ ports plus 4 GbE/10GbE SFP/SFP+ (optics ordered separately). Integrated AC power supply. Includes one 50cm direct-attach cable (DAC) for ArubaStack. IL regulatory (for deployments in Israel only). (Aruba networks S2500-48P-IL)	14,019.44	
27 29 00 00-0670 ARUBA Mobility Access Switch Pluggable Transceivers (27 29 00 00-0001)		
27 29 00 00-0671 EA 10GBASE-LRM SFP+; 1310nm pluggable 10GbE optic; LC connector; up to 220 meters over multi-mode fiber (Type OM2) (Aruba networks SFP-10GE-LRM)	2,775.00	
27 29 00 00-0672 EA 10GBASE-SR SFP+; 850nm pluggable 10GbE optic; LC connector; up to 300 meters over multi-mode fiber (Type OM3) (Aruba networks SFP-10GE-SR)	2,568.68	
27 29 00 00-0673 EA 10GBASE-LR SFP+; 1310nm pluggable 10GbE optic; LC connector; up to 10,000 meters over single-mode fiber (Aruba networks SFP-10GE-LR)	5,147.68	
27 29 00 00-0674 EA 50cm length, 10GbE SFP+ direct attach cable (DAC); copper Twinax connectors on both ends for ArubaStack or interconnect between servers and switch (Aruba networks DAC-SFP-10GE-50CM)	299.16	
27 29 00 00-0675 EA 1m length, 10GbE SFP+ direct attach cable (DAC); copper Twinax connectors on both ends for ArubaStack or interconnect between servers and switch (Aruba networks DAC-SFP-10GE-1M).....	340.43	
27 29 00 00-0676 EA 3m length, 10GbE SFP+ direct attach cable (DAC); copper Twinax connectors on both ends for ArubaStack or interconnect between servers and switch (Aruba networks DAC-SFP-10GE-3M).....	402.32	
27 29 00 00-0677 EA 5m length, 10GbE SFP+ direct attach cable (DAC); copper Twinax connectors on both ends for ArubaStack or interconnect between servers and switch (Aruba networks DAC-SFP-10GE-5M).....	464.22	
27 29 00 00-0678 EA 7m length, 10GbE SFP+ direct attach cable (DAC); copper Twinax connectors on both ends for ArubaStack or interconnect between servers and switch (Aruba networks DAC-SFP-10GE-7M).....	505.48	
27 29 00 00-0679 EA 1000BASE-SX SFP; 850nm pluggable GbE optic; LC connector; up to 300 meters over multi-mode fiber (Type OM2) (Aruba networks SFP-SX)	814.96	
27 29 00 00-0680 ARUBA Mobility Access Switch Accessories And Spares (27 29 00 00-0001)		
27 29 00 00-0681 EA 350W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for 7200 Series, S3500-24T and S3500-48T. (Aruba networks PSU-350-AC)	1,021.28	
27 29 00 00-0682 EA 600W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for S3500-24P, -48P, -24T, -48T. (Aruba networks PSU-600-AC).....	2,052.88	
27 29 00 00-0683 EA 1050W AC Power Supply. May be used as a redundant power supply or field-replaceable spare for S3500-24P, -48P, -24T, -48T. (Aruba networks PSU-1050-AC).....	3,084.48	
27 29 00 00-0684 EA 7200 Series or S3500 Spare Two-Post Rack-Mount Kit. Used to front-mount or mid-mount the 7200 Series or S3500 to a 19" rack. May also be used to front-mount (only) the S2500 to 19" rack. (Aruba networks SPR-RK-MNT).....	154.74	
27 29 00 00-0685 EA 7200 Series or S3500 Four-Post 19" Rack-Mount Kit. Used for mounting the 7200 Series or S3500 in cabinets. (Aruba networks SPR-4RK-MNT)	196.00	
27 29 00 00-0686 EA 7200 Series or S3500 Wall Mount Kit. Used for wall mounting of 7200 Series or S3500. (Aruba networks SPR-WL-MNT).....	196.00	
27 29 00 00-0687 EA S2500 Wall Mount Kit. Used for wall mounting of S2500 or mid-mounting of S2500 to 19" rack. (Aruba networks SPR-WL2-MNT)	196.00	
27 29 00 00-0688 EA S3500 Spare Fan Tray. Field-replaceable for S3500-24P, -48P, -24T and -48T. (Aruba networks SPR-FAN-14)	402.32	
27 29 00 00-0689 EA 7200 Series and S3500 Power Supply Blank Faceplate Spare. Cover for unused power supply bay. (Aruba networks PSU-PWBLNK)	92.84	
27 29 00 00-0690 EA S3500 Uplink Module Faceplate Spare. Cover for unused uplink module slot. (Aruba networks SPR-ULBLNK).....	92.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0691 Tripp Lite - Material Devices (27 29)		
27 29 00 00-0692 EA Relocateable Power Taps, 5 outlets, 6' cord, Metal-Receptacle Series, no switch. Blue/Gray Color With Tabs (Tripp Lite 602).....	59.42	
27 29 00 00-0693 EA Tripp Lite Minicom Category 5 SMART KVM Extender PS/2 2-Port KVM TAA GSA (Tripp Lite 0DT23001).....	854.54	
27 29 00 00-0694 EA Tripp Lite Minicom Mini KVM Console Switch Extender PS/2 Kit TAA GSA (Tripp Lite 0DT23008).....	692.31	
27 29 00 00-0695 EA Tripp Lite Minicom Mini KVM Console Switch Extender USB Kit TAA GSA (Tripp Lite 0DT23010).....	854.54	
27 29 00 00-0696 EA Tripp Lite Minicom KVM Extender USB local port + 2-Port KVM TAA GSA (Tripp Lite 0DT60001).....	854.54	
27 29 00 00-0697 EA Tripp Lite Minicom PS2 to USB Converter for KVM Switch And Extender TAA GSA (Tripp Lite 0DT60002).....	286.76	
27 29 00 00-0698 EA Minicom Access IT 10 User Remote Access Management TAA GSA (Tripp Lite 0SU00018).....	23,107.84	
27 29 00 00-0699 EA Minicom Access IT 20 User Remote Access Management TAA GSA (Tripp Lite 0SU00019).....	65,609.76	
27 29 00 00-0700 EA Tripp Lite Minicom SMART 108 8-Port Category 5 KVM Switch PS/2 USB 1URM TAA GSA (Tripp Lite 0SU22081).....	1,144.21	
27 29 00 00-0701 EA Tripp Lite Minicom SMART 116 16-Port Category 5 KVM Switch PS/2 USB 1URM TAA GSA (Tripp Lite 0SU22082).....	1,433.88	
27 29 00 00-0702 EA Tripp Lite Minicom SMART 216 16-Port Category 5 KVM Switch PS/2 USB 1URM TAA GSA (Tripp Lite 0SU22090).....	2,284.25	
27 29 00 00-0703 EA Tripp Lite Minicom SMART 232 32-Port Category 5 KVM Switch PS/2 USB 1URM TAA GSA (Tripp Lite 0SU22091).....	4,765.70	
27 29 00 00-0704 EA Tripp Lite Minicom SMART 108 SPU 8-Port Category 5 KVM Switch PS/2 USB 1U TAA GSA (Tripp Lite 0SU22181).....	1,289.05	
27 29 00 00-0705 EA Tripp Lite Minicom SMART 116 SPU 16-Port Category 5 KVM Switch PS/2 1URM TAA GSA (Tripp Lite 0SU22182).....	1,578.72	
27 29 00 00-0706 EA Minicom USB Remote Unit for Phantom Specter KVM Switch TAA GSA (Tripp Lite 0SU51011).....	654.06	
27 29 00 00-0707 EA Minicom PS/2 Remote Unit for Phantom Specter KVM Switch TAA GSA (Tripp Lite 0SU51012).....	423.99	
27 29 00 00-0708 EA Minicom 8PK PS/2 Remote Unit Phantom Specter KVM Switch TAA GSA (Tripp Lite 0SU51060).....	3,253.81	
27 29 00 00-0709 EA Tripp Lite Minicom SMART IP Access 2-Port Remote KVM Over IP NIC TAA GSA (Tripp Lite 0SU51068).....	2,145.73	
27 29 00 00-0710 EA Tripp Lite Minicom ROC PS/2 Server Interface Unit for Smart KVM HD15 PS/2 (Tripp Lite 0SU51078).....	170.89	
27 29 00 00-0711 EA Tripp Lite Minicom ROC USB Server Interface Unit for Smart KVM HD15 USB (Tripp Lite 0SU51079).....	228.83	
27 29 00 00-0712 EA Tripp Lite Minicom 8PK ROC USB Server Interface Unit for Smart KVM HD15 USB (Tripp Lite 0SU51079/8).....	1,709.09	
27 29 00 00-0713 EA Minicom Phantom Specter 1 User Category 5 KVM Switch TAA GSA (Tripp Lite 0SU52015).....	1,199.63	
27 29 00 00-0714 EA Minicom Phantom MXII 2 User for Phantom Specter KVM TAA GSA (Tripp Lite 0SU52016).....	1,955.58	
27 29 00 00-0715 EA Tripp Lite Minicom SMARTRACK 116 16-Port Category 5 KVM Rack Console LCD TAA GSA (Tripp Lite 0SU52091).....	6,540.47	
27 29 00 00-0716 EA Tripp Lite Minicom Power on Cable PX / IP Remote Access 90-160 Volt AC TAA GSA (Tripp Lite 0SU60020).....	489.56	
27 29 00 00-0717 EA Tripp Lite Minicom KVM IP Control Local and Remote Serial Access TAA GSA (Tripp Lite 0SU70017).....	2,119.92	
27 29 00 00-0718 EA Tripp Lite Minicom PX USB 1-Port Remote KVM Access Virtual Media TAA GSA (Tripp Lite 0SU70028).....	1,791.25	
27 29 00 00-0719 EA Tripp Lite Minicom SMART 116 IP 16-Port Category 5 KVM Switch 1URM TAA GSA (Tripp Lite 0SU70030).....	2,882.25	
27 29 00 00-0720 EA Tripp Lite Minicom SMART 108 IP 8-Port Category 5 KVM Switch 1URM TAA GSA (Tripp Lite 0SU70032).....	2,426.32	
27 29 00 00-0721 EA Tripp Lite Minicom PX SERIAL 1-Port Remote IP KVM Access TAA GSA (Tripp Lite 0SU70033).....	969.58	
27 29 00 00-0722 EA Tripp Lite Minicom SMART 216 IP 16-Port Category 5 KVM Switch 2+1 User 1U TAA GSA (Tripp Lite 0SU70036).....	5,809.97	
27 29 00 00-0723 EA Tripp Lite Minicom SMART 232 IP 32-Port Category 5 KVM Switch 2+1 User 1U TAA GSA (Tripp Lite 0SU70037).....	7,542.94	
27 29 00 00-0724 EA Minicom PX USB External Power Supply for 0SU70028 KVM IP (Tripp Lite 0SU70042).....	55.03	
27 29 00 00-0725 EA Tripp Lite Minicom SMARTRACK 116 16-Port IP Category 5 KVM Rack Console LCD TAA (Tripp Lite 0SU70050).....	7,723.69	
27 29 00 00-0726 EA Tripp Lite Minicom PX USB Remote KVM Access w Power On Cable TAA GSA (Tripp Lite 0SU70068).....	2,119.92	
27 29 00 00-0727 EA Tower kit with 2 base stands. Converts 19" rack products to tower. Expandable from 2U to 9U. (Tripp Lite 2-9USTAND).....	205.29	
27 29 00 00-0728 EA 2-Post RM Kit for 3U and Larger UPS, Transformer, Battery Pack (Tripp Lite 2POSTRMKITHD).....	309.48	
27 29 00 00-0729 EA Horizontal mounting rails for 2 post rackmount/wallmount installation. Easy installation. Fits all 2 post racks. For all current rackmount UPS or battery packs. (Tripp Lite 2POSTRMKITWM).....	216.64	
27 29 00 00-0730 EA Relocateable Power Taps, 3 outlets, 6' cord, Metal-Receptacle Series, master switch pilot light. Blue/Gray Color With Tabs (Tripp Lite 3SP).....	51.99	
27 29 00 00-0731 EA SmartRack Installation Kit for UPS up to 250lbs (Tripp Lite 4POSTRAILKIT).....	184.78	
27 29 00 00-0732 EA Universal Adjustable Rack Enclosure Server Cabinet Shelf Kit 1U (Tripp Lite 4POSTRAILKIT1U).....	147.64	
27 29 00 00-0733 EA Relocateable Power Taps, 4 outlets, 6' cord, Metal-Duplex Series, master switch pilot light. Beige Color Without tabs (Tripp Lite 4SPDX).....	55.71	
27 29 00 00-0734 EA Minicom PX USB Power-on-Cable Kit for 0SU70028 KVM IP (Tripp Lite 5CB00615).....	112.96	
27 29 00 00-0735 EA Relocateable Power Taps, 5 outlets, 15' cord, Metal-Receptacle Series, no switch. Blue/Gray Color With Tabs (Tripp Lite 602-15).....	77.99	
27 29 00 00-0736 EA Relocateable Power Taps, 6 outlets, 6' cord, Metal-Duplex Series, master on/off switch. Beige Color Without Tabs (Tripp Lite 6NX-6).....	48.28	
27 29 00 00-0737 EA Relocateable Power Taps, 6 outlets, 6' cord, Metal-Receptacle Series, master switch pilot light. Blue/Gray Color With Tabs (Tripp Lite 6SP).....	81.70	
27 29 00 00-0738 EA Relocateable Power Taps, 6 outlets, 6' cord, Metal-Duplex Series, master switch pilot light. Beige Color Without tabs (Tripp Lite 6SPDX).....	61.28	
27 29 00 00-0739 EA Relocateable Power Taps, 6 outlets, 5' cord, Metal-Duplex Series, master switch pilot light. Beige Color Without tabs (Tripp Lite 6SPDX-15).....	77.99	
27 29 00 00-0740 EA 12V 75 AH Sealed Maintenance-Free Battery for all APS Models (Tripp Lite 98-121).....	891.30	
27 29 00 00-0741 EA Composite Video Gold Cable (superior insulation, silver-coated copper center cond.) RCA M/M - 6 ft. (Tripp Lite A004-006).....	12.52	
27 29 00 00-0742 EA Composite Video Gold Cable w Silver Plated Center Conductor, RCA M/M, 12' (Tripp Lite A004-012).....	18.22	
27 29 00 00-0743 EA Component Video Keystone Snap-In Module Kit Red, Green, Blue (Tripp Lite A008-000-KJ).....	31.30	
27 29 00 00-0744 EA Component Video Gold Cable (silver-coated copper center cond.) 3xRCA M/M - 6 ft. (Tripp Lite A008-006).....	39.84	
27 29 00 00-0745 EA Component Video Gold Cable w Silver Plated Center Conductor, 3xRCA M/M, 12' (Tripp Lite A008-012).....	51.23	
27 29 00 00-0746 EA S-Video Gold Cable - 6 ft. (Tripp Lite A012-006).....	17.08	
27 29 00 00-0747 EA S-Video Gold Cable, MD4M/M, 12' (Tripp Lite A012-012).....	28.45	
27 29 00 00-0748 EA Composite Video Keystone Snap-In Module Kit Red, White, Yellow (Tripp Lite A020-000-KJ).....	31.30	
27 29 00 00-0749 EA Audio Keystone Snap-In Module Kit RCA Couplers Red, White (Tripp Lite A050-000-KJ).....	21.07	
27 29 00 00-0750 EA High Resolution Gold Audio Cables (silver-coated copper center cond.) 2xRCA M/M - 6 ft. (Tripp Lite A050-006).....	22.76	
27 29 00 00-0751 EA RF Digital Coax Gold Audio Cable (silver-coated copper center cond.) RCA M/M - 6 ft. (Tripp Lite A060-006).....	14.24	
27 29 00 00-0752 EA RF Digital Coax Gold Audio Cable w Silver Plated Center Conductor, RCA M/M, 12' (Tripp Lite A060-012).....	22.76	
27 29 00 00-0753 EA Digital Optical Audio Cable, 2x Toslink, 1M (3') (Tripp Lite A102-01M).....	22.76	
27 29 00 00-0754 EA Digital Optical Audio Cable, 2xToslink - 2M (Tripp Lite A102-02M).....	28.45	
27 29 00 00-0755 EA Digital Optical Audio Cable, 2x Toslink, 3M (10') (Tripp Lite A102-03M).....	34.15	

MINOR CSI UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0756	EA Digital Optical Audio Cable, 2x Toslink, 12' (Tripp Lite A102-04M).....	39.84	
27 29 00 00-0757	EA RG59 Coax Cable with F-Type Connectors - 6ft (Tripp Lite A200-006).....	14.24	
27 29 00 00-0758	EA RG59 Coax Cable with F-Type Connectors - 12ft (Tripp Lite A200-012).....	21.62	
27 29 00 00-0759	EA RG59 Coax Cable with F-Type Connectors - 25ft (Tripp Lite A200-025).....	34.15	
27 29 00 00-0760	EA 2,000 Continuous Watt, 3,000 Overpower Watt, 4,000 Doubleboost Watt Hardwired 2,000 VA, 12 Volt DC, RJ45 Remote Port. 60/15 Amperes, (selectable) Regulated Charger. (Tripp Lite APS INT2012).....	2,371.65	
27 29 00 00-0761	EA 2,400 Continuous Watt, 3,600 Overpower Watt, 4,800 Doubleboost Watt Hardwired 2,400 VA, 24 Volt DC, RJ45 Remote Port. 30/7.5 Amperes, (selectable) Regulated Charger. (Tripp Lite APS INT2424).....	2,665.65	
27 29 00 00-0762	EA 1000W 12V Inverter / Charger Pure Sine Wave 120V 4A/40A Hardwire (Tripp Lite APS1012SW).....	2,395.38	
27 29 00 00-0763	EA 12 Volt DC to AC Inverter with Automatic Line-to-Battery, 30 Amperes Charger, 1,250 continuous wattage, 1,875 overpower wattage, 2,500 doubleboost wattage, 2 AC outlets (Tripp Lite APS1250).....	1,530.07	
27 29 00 00-0764	EA 12 Volt DC to AC Inverter with Automatic Line-to-Battery, 100/25 Amperes Charger, 2,000 continuous wattage, 3,000 overpower wattage, 4,000 doubleboost wattage, Hardwired (Tripp Lite APS2012).....	2,246.82	
27 29 00 00-0765	EA 2000W 12V Inverter / Charger Pure Sine Wave 120V 8A/80A Hardwire (Tripp Lite APS2012SW).....	3,119.56	
27 29 00 00-0766	EA 24 Volt DC to AC Inverter with Automatic Line-to-Battery, 55/14 Amperes Charger, 2,400 continuous wattage, 3,600 overpower wattage, 4,800 doubleboost wattage, Hardwired (Tripp Lite APS2424).....	2,525.36	
27 29 00 00-0767	EA 48V DC to AC Inverter with Automatic Line-to-Battery 15amp Charger 2400 continuous wattage 3600 overpower wattage 4800 doubleboost wattage Hardwired (Tripp Lite APS2448UL).....	2,603.35	
27 29 00 00-0768	EA 36 Volt DC to AC Inverter with Automatic Line-to-Battery 30 Amperes Charger 3,600 continuous wattage, 5,400 overpower wattage, 7,200 doubleboost wattage, Hardwired (Tripp Lite APS3636VR).....	3,160.41	
27 29 00 00-0769	EA 12 Volt DC to AC Compact Inverter with Automatic Line-to-Battery, 20 Amperes Charger, 700 continuous wattage, 1,050 overpower wattage, 1,400 doubleboost wattage, 1 AC outlets (Tripp Lite APS700HF).....	872.73	
27 29 00 00-0770	EA 12 Volt DC to AC Inverter with Automatic Line-to-Battery, 20 Amperes Charger, 750 continuous wattage, 1,125 overpower wattage, 1,500 doubleboost wattage, 2 AC outlets (Tripp Lite APS750).....	1,110.41	
27 29 00 00-0771	EA 3,600 Continuous Watt, 5,400 Overpower Watt, 7,200 Doubleboost Watt Hardwired 3600VA, 36 Volt DC, RJ45 Remote Port. 30 Amperes (selectable) Regulated Charger. Voltage Regulated. (Tripp Lite APSINT3636VR).....	3,335.99	
27 29 00 00-0772	EA Remote Control Module for APS/PV Models with RJ45 Ports includes Mounting Plate And Cords (Tripp Lite APSRM4).....	367.25	
27 29 00 00-0773	EA Remote Control for Sine Wave Inverter / Chargers (Tripp Lite APSRMSW).....	367.25	
27 29 00 00-0774	EA 1000W 12V International Inverter / Charger Pure Sine Wave 230V 4A/40A Hardwire (Tripp Lite APSX1012SW).....	2,932.22	
27 29 00 00-0775	EA 1,250 Continuous Watt, 1,875 Overpower Watt, 2,500 Doubleboost Watt, 2 AC Outlets 1250 VA, 12 Volt DC, RJ45 Remote Port. 30/7.5 Amperes (selectable) Regulated Charger. (Tripp Lite APSX1250).....	1,615.07	
27 29 00 00-0776	EA 2000W 12V International Inverter / Charger Pure Sine Wave 230V 8A/80A Hardwire (Tripp Lite APSX2012SW).....	3,292.87	
27 29 00 00-0777	EA 750 Continuous Watt, 1,125 Overpower Watt, 1,500 Doubleboost Watt, 2 AC Outlets 750VA, 12 Volt DC, RJ45 Remote Port, 20 Amperes Regulated (Tripp Lite APSX750).....	1,089.78	
27 29 00 00-0778	EA Eco Green A/V Surge Protector RJ11 RJ45 Coax 10 Outlet 8ft Cord (Tripp Lite AV10IRG).....	321.86	
27 29 00 00-0779	EA Eco Green A/V Surge Protector RJ11 RJ45 Coax 12 Outlet 10ft Cord (Tripp Lite AV1210SATG).....	224.48	
27 29 00 00-0780	EA Eco Green A/V Surge Protector 8 Outlet 6ft Cord 1080 Joule (Tripp Lite AV86G).....	107.29	
27 29 00 00-0781	EA Eco Green A/V Surge Protector RJ11 RJ45 Coax 8 Outlet 8ft Cord (Tripp Lite AV88SATG).....	156.80	
27 29 00 00-0782	EA 550VA UPS System Low Profile Line-Interactive 120V 8 Outlet - 550 VA, 1 USB, Modem/Fax Protection (Tripp Lite AVR550U).....	233.97	
27 29 00 00-0783	EA 700VA UPS Line Interactive 8 Outlet 6ft Cord 120V (Tripp Lite AVR700U).....	265.53	
27 29 00 00-0784	EA 750VA UPS System Low Profile Line-Interactive 120V 12 Outlet - 750 VA, 1 USB, Modem/Fax Protection (Tripp Lite AVR750U).....	317.53	
27 29 00 00-0785	EA 900VA UPS System Low Profile Line-Interactive 120V 12 Outlet - 900 VA, 1 USB, Modem/Fax Protection (Tripp Lite AVR900U).....	367.66	
27 29 00 00-0786	EA TAA Compliant 900VA UPS Ultra Compact 12 outlets (Tripp Lite AVR900UTAA).....	415.94	
27 29 00 00-0787	EA 550VA International UPS System Low Profile Line-Interactive AVR 230V 6 Outlet - 550 VA, 1 USB (Tripp Lite AVRX550U).....	325.37	
27 29 00 00-0788	EA TAA Compliant 550VA Intl UPS Ultra Compact 6 outlets 230V (Tripp Lite AVRX550UTAA).....	368.49	
27 29 00 00-0789	EA 750VA International UPS System Low Profile Line-Interactive AVR 230V 6 Outlet - 750 VA 1 USB, Modem/Fax Protection (Tripp Lite AVRX750U).....	493.93	
27 29 00 00-0790	EA TAA Compliant 750VA Intl UPS Ultra Compact 6 outlets 230V (Tripp Lite AVRX750UTAA).....	560.57	
27 29 00 00-0791	EA 2-Port Secure KVM Switch DVI / USB Audio NIAP EAL2 TAA GSA (Tripp Lite B002-DUA2).....	1,733.09	
27 29 00 00-0792	EA 4-Port Secure KVM Switch DVI / USB Audio NIAP EAL2 TAA GSA (Tripp Lite B002-DUA4).....	1,898.14	
27 29 00 00-0793	EA 8 Port KVM Switch, (With On-Screen Display, PS/2, Non-Expandable) 1U Rackmount (Tripp Lite B004-008).....	406.04	
27 29 00 00-0794	EA 2 Port KVM Switch (DVI/USB), Desktop with Audio And Cables (Tripp Lite B004-DUA2-K-R).....	462.16	
27 29 00 00-0795	EA 4-Port Compact KVM Switch DVI / USB With Audio And Cables (Tripp Lite B004-DUA4-K-R).....	709.74	
27 29 00 00-0796	EA 2 Port KVM Switch (PS/2), Desktop with Audio And Cables (Tripp Lite B004-VPA2-K-R).....	105.64	
27 29 00 00-0797	EA 2 Port KVM Switch (USB), Desktop with Audio And Cables (Tripp Lite B004-VUA2-K-R).....	125.44	
27 29 00 00-0798	EA KVM Switch 4-Port Desktop KVM Switch (USB) TAA / GSA (Tripp Lite B006-VU4-R).....	330.11	
27 29 00 00-0799	EA 4-Port KVM Switch w Audio, 2-Port USB2.0 Hub, Included Cables (Tripp Lite B006-VUA4-K-R).....	660.22	
27 29 00 00-0800	EA 8 Port KVM Switch, (With On-Screen Display, PS/2) 1U Rackmount (Tripp Lite B007-008).....	891.30	
27 29 00 00-0801	EA Category 5 Console (PS/2 or USB) Extender - 330ft Range (Tripp Lite B013-330).....	594.20	
27 29 00 00-0802	EA USB to PS/2 Adapter (Tripp Lite B015-000).....	31.36	
27 29 00 00-0803	EA Two-Post Rackmount Bracket for B021 and B020 Series KVM Switch Consoles (Tripp Lite B019-000).....	211.27	
27 29 00 00-0804	EA 8 Port KVM Switch, 17 Inch Console (with built-in slide out keyboard and tilt-up console) 1U Rackmount (Tripp Lite B020-008-17).....	4,334.37	
27 29 00 00-0805	EA 16 Port KVM Switch, 17 Inch Console (with built-in slide out keyboard and tilt-up console) 1U Rackmount (Tripp Lite B020-016-17).....	5,199.26	
27 29 00 00-0806	EA NetDirector 17" Console KVM Switch With IP - 16 Port (Tripp Lite B020-016-17-IP).....	10,481.06	
27 29 00 00-0807	EA NetDirector 19in Console KVM with Built-In IP Access - 8 Port (Tripp Lite B020-U08-19-IP).....	8,252.80	
27 29 00 00-0808	EA NetDirector 19in Console KVM with 8 USB/PS2 Combo Cable Kits - 8Port (Tripp Lite B020-U08-19-K).....	4,621.57	
27 29 00 00-0809	EA 8-Port Rack Console KVM Switch 19" LCD PS2/USB Cable 1U TAA/GSA (Tripp Lite B020-U08-19KTAA).....	4,621.57	
27 29 00 00-0810	EA NetDirector 19in Console KVM with 8 USB/PS2 Combo Cable Kits - 16Port (Tripp Lite B020-U16-19-K).....	5,611.90	
27 29 00 00-0811	EA 1U Rackmount Console (with built-in slide-out keyboard/touch pad and tilt-up 17-inch LCD monitor.) (Tripp Lite B021-000-17).....	2,475.84	
27 29 00 00-0812	EA TAA Compliant KVM Console 17" Monitor 1U Rackmount (Tripp Lite B021-000-17TAA).....	2,871.97	
27 29 00 00-0813	EA Rackmount Console with 19" LCD (Tripp Lite B021-000-19).....	3,614.73	
27 29 00 00-0814	EA Short-Body Rackmount Console (1U) w 19" LCD (Tripp Lite B021-000-19-SH).....	4,126.40	
27 29 00 00-0815	EA KVM Rack Console 1U Dual Rail Rackmount 17" LCD (Tripp Lite B021-02R-17).....	3,796.29	
27 29 00 00-0816	EA 2 Port KVM Switch, Desktop with two cables - PS/2 (Tripp Lite B022-002-KT-R).....	140.30	
27 29 00 00-0817	EA 4 Port KVM Switch - PS/2 (Tripp Lite B022-004-R).....	156.80	
27 29 00 00-0818	EA NetDirector USB/PS2 KVM Switch - 16 Port (Tripp Lite B022-U16).....	1,898.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0819	EA		NetController Console KVM with 19" LCD Console - 8 port (Tripp Lite B040-008-19).....	4,043.87	
27 29 00 00-0820	EA		NetController Console KVM with 19" LCD Console - 16 port (Tripp Lite B040-016-19).....	5,331.31	
27 29 00 00-0821	EA		NetController KVM Switch - 4 Port (Tripp Lite B042-004).....	825.28	
27 29 00 00-0822	EA		NetController KVM Switch - 8 Port (Tripp Lite B042-008).....	990.34	
27 29 00 00-0823	EA		NetController KVM Switch - 16 Port (Tripp Lite B042-016).....	1,650.56	
27 29 00 00-0824	EA		IP Remote Access Unit (KVM over IP) (Tripp Lite B051-000).....	1,914.65	
27 29 00 00-0825	EA		IP Remote Access Unit KVM over IP Power / Serial Control TAA GSA (Tripp Lite B051-000-AC).....	2,310.78	
27 29 00 00-0826	EA		PS/2 Server Interface for B060-032 KVM Switch (Tripp Lite B054-001-PS2).....	462.16	
27 29 00 00-0827	EA		SUN Server Interface for B060-032 KVM Switch (Tripp Lite B054-001-SUN).....	495.17	
27 29 00 00-0828	EA		USB Server Interface for B060-032 KVM Switch (Tripp Lite B054-001-USB).....	462.16	
27 29 00 00-0829	EA		PS/2 Server Interface Module for B064- Series KVM Switches (Add 1 per Server: Use With Category 5/5E/6) (Tripp Lite B055-001-PS2).....	326.81	
27 29 00 00-0830	EA		Serial Server Interface Module for B064- Series KVM Switches (Add 1 per Server: Use With Category 5/5E/6) (Tripp Lite B055-001-SER).....	326.81	
27 29 00 00-0831	EA		USB Server Interface Module for B064- Series KVM Switches (Add 1 per Server: Use With Category 5/5E/6) (Tripp Lite B055-001-USB).....	326.81	
27 29 00 00-0832	EA		USB With Virtual Media Server Interface Module for B064- Series KVM Switches (Add 1 per Server: Use With Category 5/5E/6) (Tripp Lite B055-001-USB-V2).....	412.64	
27 29 00 00-0833	EA		USB Server Interface Unit Virtual Media And CAC B064 Category 5 KVM TAA (Tripp Lite B055-001-UV2CAC).....	429.15	
27 29 00 00-0834	EA		16-Port Matrix (2-User) 1U Rackmount KVM Switch (Tripp Lite B060-016-2).....	5,281.79	
27 29 00 00-0835	EA		PS/2 Console Interface Module (Tripp Lite B062-002-PS2).....	1,650.56	
27 29 00 00-0836	EA		Console Interface Module for B060-Series KVMs - USB (Tripp Lite B062-002-USB).....	1,650.56	
27 29 00 00-0837	EA		16-Port Category 5 KVM Switch 1U RM TAA / GSA (Tripp Lite B064-016).....	1,848.63	
27 29 00 00-0838	EA		NetDirector Category 5 IP KVM Switch - 16 Port, 2-User (Virtual Media, Dual Power Supply) (Tripp Lite B064-016-02-IPG).....	10,563.58	
27 29 00 00-0839	EA		NetDirector Category 5 IP KVM Switch - 16 Port, 4-User (Virtual Media, Dual Power Supply) (Tripp Lite B064-016-04-IPG).....	17,165.82	
27 29 00 00-0840	EA		NetDirector Category 5 IP KVM Switch - 32 Port, 2-User (Virtual Media, Dual Power Supply) (Tripp Lite B064-032-02-IPG).....	14,029.76	
27 29 00 00-0841	EA		NetDirector Category 5 IP KVM Switch - 32 Port, 4-User (Virtual Media, Dual Power Supply) (Tripp Lite B064-032-04-IPG).....	20,466.94	
27 29 00 00-0842	EA		8-Port Rack VGA Console Category 5 KVM Switch 1U RM 19" Mon/Kybd/Tchpd (Tripp Lite B070-008-19).....	3,631.23	
27 29 00 00-0843	EA		NetCommander Category 5 Console KVM - 16 Port (Tripp Lite B070-016-19).....	4,456.51	
27 29 00 00-0844	EA		NetCommander Category 5 Console KVM With IP - 16 Port (Tripp Lite B070-016-19-IP).....	7,922.69	
27 29 00 00-0845	EA		16-Port Rack Console KVM Switch VGA Category 5 1U RM 19" LCD TAA / GSA (Tripp Lite B070-016-19TAA).....	4,621.57	
27 29 00 00-0846	EA		NetCommander Category 5 KVM - 8 Port (Tripp Lite B072-008-1).....	1,188.40	
27 29 00 00-0847	EA		NetCommander Category 5 KVM - 16 Port (Tripp Lite B072-016-1).....	1,650.56	
27 29 00 00-0848	EA		16-Port NetCommander Category 5 KVM Switch with IP Remote Access (Tripp Lite B072-016-1-IP).....	3,961.34	
27 29 00 00-0849	EA		NetCommander Server Interface Unit for B070/72 KVM - PS/2 - 100ft (Tripp Lite B078-101-PS2).....	207.97	
27 29 00 00-0850	EA		NetCommander Server Interface Unit for B070/72 KVM - USB - 100ft (Tripp Lite B078-101-USB).....	224.48	
27 29 00 00-0851	EA		Console Server Adapter - Cisco RJ45 F to DB9 F - Straight (Tripp Lite B090-A9F).....	19.81	
27 29 00 00-0852	EA		Console Server Adapter - Cisco RJ45 F to DB9 F - Crossover (Tripp Lite B090-A9F-X).....	19.81	
27 29 00 00-0853	EA		Console Server Adapter - Cisco RJ45 F to DB9 M - Straight (Tripp Lite B090-A9M).....	19.81	
27 29 00 00-0854	EA		16-Port Serial Console Server Management Switch With Power Alert (Tripp Lite B092-016).....	5,942.02	
27 29 00 00-0855	EA		8-Port Serial Console / Terminal Server Mgmt Switch TAA GSA (Tripp Lite B094-008-2E-M-F).....	2,723.42	
27 29 00 00-0856	EA		Console Server with 1 NIC and Built-In Modem - 3 Port (Tripp Lite B095-003-1E-M).....	1,881.64	
27 29 00 00-0857	EA		Console Server with 1 NIC - 4 Port (Tripp Lite B095-004-1E).....	1,369.96	
27 29 00 00-0858	EA		16-Port Serial Console Server Management Switch (Tripp Lite B096-016).....	5,942.02	
27 29 00 00-0859	EA		48-Port Serial Console Server Management Switch (Tripp Lite B096-048).....	9,903.36	
27 29 00 00-0860	EA		Manual VGA/SVGA 2 Position Switch - 3xHD15F (Tripp Lite B112-002-R).....	37.96	
27 29 00 00-0861	EA		VGA/SVGA 350MHz Video Splitter - 2 Port - HD15 (M)/x2 (F) (Tripp Lite B114-002-R).....	103.99	
27 29 00 00-0862	EA		VGA/SVGA Video Splitter - 4 Port - HD15 (M)/x4 (F) (Tripp Lite B114-004-R).....	132.04	
27 29 00 00-0863	EA		DVI Single Link with Audio Splitter - 2 Port (Tripp Lite B116-002A).....	264.09	
27 29 00 00-0864	EA		4-Port DVI Single Link Video / Audio Splitter / Booster (Tripp Lite B116-004A).....	495.17	
27 29 00 00-0865	EA		HDMI v1.3 Splitter - 2Port (Tripp Lite B118-302-R).....	198.07	
27 29 00 00-0866	EA		HDMI v1.3 Splitter - 4Port (Tripp Lite B118-304-R).....	412.64	
27 29 00 00-0867	EA		HDMI v1.3 Video Switch With Remote - 2 Port (Tripp Lite B119-302-R).....	118.84	
27 29 00 00-0868	EA		3Port HDMI Switch w Remote, v1.3 (Tripp Lite B119-303-R).....	198.07	
27 29 00 00-0869	EA		DVI Dual Link Extender, DVI F/F (Tripp Lite B120-000).....	174.96	
27 29 00 00-0870	EA		DVI Single Link Signal Extender DVI F/F TAA / GSA (Tripp Lite B120-000-SL).....	151.85	
27 29 00 00-0871	EA		Displayport Active Extender Signal Booster Displayport F/F TAA (Tripp Lite B121-000).....	396.13	
27 29 00 00-0872	EA		HDMI Extender, HDMI F/F (Tripp Lite B122-000).....	132.04	
27 29 00 00-0873	EA		HDMI Signal Booster Extender 1080p at 60 Hertz HDMI F/F TAA / GSA (Tripp Lite B122-000-60).....	330.11	
27 29 00 00-0874	EA		HDMI v1.3 Active Extender Cable (Tripp Lite B123-001).....	165.06	
27 29 00 00-0875	EA		1ft HDMI Active Signal Extender Cable HDMI M/F 1" TAA GSA (Tripp Lite B123-001-60).....	247.58	
27 29 00 00-0876	EA		HDMI over Category 5 Dual Category 6 60 Hertz Extender Kit TAA GSA (Tripp Lite B125-101-60).....	412.64	
27 29 00 00-0877	EA		HDMI over Dual Category 6 60 Hertz Wallplate Extender Kit TAA GSA (Tripp Lite B125-101-60-WP).....	412.64	
27 29 00 00-0878	EA		HDMI over Category 5 Extender, (2) RJ45 F, (2) HDMI F (Tripp Lite B125-150).....	330.11	
27 29 00 00-0879	EA		2-Port HDMI Over Category 5 Extender / Splitter TAA / GSA (Tripp Lite B126-002).....	429.15	
27 29 00 00-0880	EA		4-Port HDMI Over Category 5 Extender / Splitter TAA / GSA (Tripp Lite B126-004).....	693.24	
27 29 00 00-0881	EA		HDMI over Category 5 Active Extender / Remote Repeater TAA GSA (Tripp Lite B126-110).....	561.19	
27 29 00 00-0882	EA		HDMI Over Category 5 Active Extender Remote Unit TAA / GSA (Tripp Lite B126-1A0).....	429.15	
27 29 00 00-0883	EA		HDMI Over Single Category 5 RJ45 Active Ext Remote Wallplate TAA GSA (Tripp Lite B126-1A0-WP-1).....	429.15	
27 29 00 00-0884	EA		HDMI Over Category 5 Active Extender Kit TAA / GSA (Tripp Lite B126-1A1).....	561.19	
27 29 00 00-0885	EA		HDMI + IR + Serial RS232 over Category 5 / 6 Active Extender Kit TAA GSA (Tripp Lite B126-1A1SR).....	1,320.45	
27 29 00 00-0886	EA		Tripp Lite HDMI Over Category 5 / 6 Active Wallplate Extender Kit TAA GSA (Tripp Lite B126-1A1-WP).....	561.19	
27 29 00 00-0887	EA		HDMI Over Category 5 Passive Extender Remote Unit TAA / GSA (Tripp Lite B126-1P0).....	99.03	
27 29 00 00-0888	EA		HDMI Over Category 5 Passive Extender Remote Wallplate TAA / GSA (Tripp Lite B126-1P0-WP).....	99.03	
27 29 00 00-0889	EA		VGA over Category 5 Extender, 1 Local Port, 1 Remote Port (Tripp Lite B130-101).....	379.63	
27 29 00 00-0890	EA		VGA over Category 5 Extender with Audio, 1 Local Port, 1 Remote Port (Tripp Lite B130-101A).....	429.15	
27 29 00 00-0891	EA		VGA + Audio over Category 5 (RJ45) Ext Wallplate Kit TAA / GSA (Tripp Lite B130-101A-WP-1).....	412.64	
27 29 00 00-0892	EA		VGA with RS-232 Serial over Category 5 Extender Kit (Tripp Lite B130-101S).....	445.65	
27 29 00 00-0893	EA		VGA with RS-232 Serial over Category 5 (110 type) Extender Wallplate Kit (Tripp Lite B130-101S-WP).....	412.64	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-0894	EA		VGA over Category 5 Extender Kit USB Powered up to 500ft TAA/GSA (Tripp Lite B130-101-U).....	363.12	
27 29 00 00-0895	EA		VGA over Category 5 (RJ45) Extender Wallplate Kit TAA/GSA (Tripp Lite B130-101-WP-1).....	363.12	
27 29 00 00-0896	EA		VGA over Category 5 Extender / Repeater Kit TAA / GSA (Tripp Lite B130-111).....	561.19	
27 29 00 00-0897	EA		VGA + Audio over Category 5 Extender / Repeater Kit TAA / GSA (Tripp Lite B130-111A).....	627.21	
27 29 00 00-0898	EA		VGA over Category 5 Extender 2-Port Transmitter TAA / GSA (Tripp Lite B132-002-1).....	264.09	
27 29 00 00-0899	EA		2-Port VGA And Audio over Category 5 Extender / Splitter (Tripp Lite B132-002A).....	280.60	
27 29 00 00-0900	EA		VGA over Category 5 Extender 4-Port Transmitter TAA / GSA (Tripp Lite B132-004-1).....	396.13	
27 29 00 00-0901	EA		VGA with Audio over Category 5 Extender/Splitter Local Unit - 4 Remote Ports (Tripp Lite B132-004A).....	429.15	
27 29 00 00-0902	EA		VGA over Category 5 Extender/Splitter Rackmount Bracket (Tripp Lite B132-004-RB).....	135.35	
27 29 00 00-0903	EA		VGA over Category 5 Receiver TAA / GSA (Tripp Lite B132-100-1).....	214.57	
27 29 00 00-0904	EA		VGA with Audio over Category 5 Extender Remote Unit (Tripp Lite B132-100A).....	247.58	
27 29 00 00-0905	EA		VGA + Audio over Category 5 Receiver RJ45 type Wallplate TAA / GSA (Tripp Lite B132-100A-WP-1).....	247.58	
27 29 00 00-0906	EA		VGA over Category 5 Receiver RJ45 type Wallplate TAA / GSA (Tripp Lite B132-100-WP-1).....	214.57	
27 29 00 00-0907	EA		VGA over Category 5 Extender Remote / Repeater Unit TAA / GSA (Tripp Lite B132-110).....	297.10	
27 29 00 00-0908	EA		VGA + Audio over Category 5 Extender Remote / Repeater Unit TAA / GSA (Tripp Lite B132-110A).....	316.91	
27 29 00 00-0909	EA		Component Video (RGB) with Stereo Audio Over Category 5 Extender/Splitter - 4 Port (Tripp Lite B136-004).....	379.63	
27 29 00 00-0910	EA		Component Video (RGB) with Stereo Audio Over Category 5 Extender Remote Unit (Tripp Lite B136-100).....	115.54	
27 29 00 00-0911	EA		Component Video (RGB) with Stereo Audio Over Category 5 (110 Type) Extender Remote Wallplate (Tripp Lite B136-100-WP).....	115.54	
27 29 00 00-0912	EA		Component Video (RGB) with Stereo Audio Over Category 5 Extender Kit (Tripp Lite B136-101).....	214.57	
27 29 00 00-0913	EA		Category 5 Extender Wallplate Kit Component Video Stereo Audio TAA GSA (Tripp Lite B136-101-WP-1).....	214.57	
27 29 00 00-0914	EA		S-Video with Stereo Audio Over Category 5 Extender Kit (Tripp Lite B137-101).....	214.57	
27 29 00 00-0915	EA		DVI over Category 5 Extender /Splitter 2-Port TAA / GSA (Tripp Lite B140-002).....	330.11	
27 29 00 00-0916	EA		DVI over Category 5 Extender /Splitter 4-Port TAA / GSA (Tripp Lite B140-004).....	594.20	
27 29 00 00-0917	EA		DVI Over Category 5 Extender Kit (Tripp Lite B140-101).....	181.56	
27 29 00 00-0918	EA		DVI Over Category 5 (110 Type) Extender Wallplate Kit (Tripp Lite B140-101-WP).....	181.56	
27 29 00 00-0919	EA		DVI Over Category 5 Active Extender Kit (Tripp Lite B140-101X).....	627.21	
27 29 00 00-0920	EA		DVI over Category 5 Remote Extender / Repeater Unit TAA GSA (Tripp Lite B140-110).....	693.24	
27 29 00 00-0921	EA		DVI Over Category 5 Active Extender Remote Unit TAA / GSA (Tripp Lite B140-1A0).....	363.12	
27 29 00 00-0922	EA		DVI over Category 5 Active Extender Remote Wallplate TAA / GSA (Tripp Lite B140-1A0-WP).....	363.12	
27 29 00 00-0923	EA		DVI over Category 5 Active Extender Wallplate Kit TAA GSA (Tripp Lite B140-1A1-WP).....	495.17	
27 29 00 00-0924	EA		DVI Over Category 5 Passive Extender Remote Unit TAA / GSA (Tripp Lite B140-1P0).....	66.02	
27 29 00 00-0925	EA		DVI Over Category 5 Passive Extender Remote Wallplate TAA / GSA (Tripp Lite B140-1P0-WP).....	82.53	
27 29 00 00-0926	EA		RS-232 / Serial over Category 5 Extender Kit (Tripp Lite B165-101).....	214.57	
27 29 00 00-0927	EA		IEEE Reversible 2 Position Gold Autoswitch - 3xDB25F (Tripp Lite B170-002-R).....	82.53	
27 29 00 00-0928	EA		USB over Category 5 Extender Kit (Tripp Lite B202-150).....	85.83	
27 29 00 00-0929	EA		USB Hi-Speed 2.0 over Category 5 Extender Kit 480Mbps 330ft TAA/GSA (Tripp Lite B203-101).....	429.15	
27 29 00 00-0930	EA		4-Port High Speed USB 2.0 Over Category 5 Extender Hub TAA GSA (Tripp Lite B203-104).....	561.19	
27 29 00 00-0931	EA		300VA UPS System Standby Tower Small Footprint 120V 3 Outlet - 300 VA (Tripp Lite BC PERS300).....	272.96	
27 29 00 00-0932	EA		450VA UPS System Standby Tower Small Footprint 120V 3 Outlet - 450 VA (Tripp Lite BC PERS450).....	308.24	
27 29 00 00-0933	EA		1050VA UPS System Standby Tower Small Footprint 120V 6 Outlet - 1050 VA 1 USB, Replace Battery LED, Overload LED, Self Test, Alarm (Tripp Lite BC PRO1050).....	932.15	
27 29 00 00-0934	EA		1400VA UPS System Standby Tower Small Footprint 120V 6 Outlet - 1400 VA 1 USB, Replace Battery LED, Overload LED, Self Test, Alarm (Tripp Lite BC PRO1400).....	1,344.38	
27 29 00 00-0935	EA		600VA UPS System Standby Tower Small Footprint 120V 6 Outlet - 600 VA, 1 USB, Modem/Fax Protection (Tripp Lite BC PRO600).....	401.09	
27 29 00 00-0936	EA		350VA UPS System Compact Low Profile Standby 120V 6 Outlet - 350 VA (Tripp Lite BC350).....	150.41	
27 29 00 00-0937	EA		600VA Pure Sine Wave PFC UPS Tower 120V USB Sinewave (Tripp Lite BC600SINE).....	445.65	
27 29 00 00-0938	EA		192V external battery pack (expandable) Smart Online UPS 192V RM 3U External Battery Pack (Tripp Lite BP192V12-3U).....	3,416.66	
27 29 00 00-0939	EA		192V external battery pack (expandable) Smart Online UPS 192V RM 4U External Battery Pack (Tripp Lite BP192V18-4U).....	6,603.07	
27 29 00 00-0940	EA		240V external battery pack (expandable) Smart Online UPS 240V Tower/RM 3U External Battery Pack (Tripp Lite BP240V10RT3U).....	3,282.96	
27 29 00 00-0941	EA		External 24 Volt DC RM/Twr Battery Pack For All Compatible UPS (Tripp Lite BP24V15RT2U).....	616.48	
27 29 00 00-0942	EA		24 Volt external battery pack — Smart Online UPS 24V RM 2U External Battery Pack (Tripp Lite BP24V28-2U).....	1,329.53	
27 29 00 00-0943	EA		24 Volt external battery pack (expandable) Smart Online UPS 24V RM 3U External Battery Pack (Tripp Lite BP24V70-3U).....	3,060.14	
27 29 00 00-0944	EA		Battery Case with Cables. Holds two 98-121 Batteries (Tripp Lite BP-260).....	679.62	
27 29 00 00-0945	EA		36 Volt External Battery Pack — Smart UPS 36V RM 2U External Battery Pack (Tripp Lite BP36V15-2U).....	1,195.83	
27 29 00 00-0946	EA		36 Volt External Battery pack (expandable) Smart UPS 36 Volt RM 3U External Battery Pack (Tripp Lite BP36V42-3U).....	3,164.12	
27 29 00 00-0947	EA		480 Volt external battery pack With internal disconnect for all domestic and International 3-Phase Modular Smart Online UPS (Tripp Lite BP480V26B).....	27,077.02	
27 29 00 00-0948	EA		480 Volt external battery pack With internal disconnect for all domestic and International 3-Phase Modular Smart Online UPS (Tripp Lite BP480V40C).....	33,520.40	
27 29 00 00-0949	EA		48 Volt External Battery Pack — Smart UPS 48 Volt RM 2U External Battery Pack (Tripp Lite BP48V24-2U).....	1,400.09	
27 29 00 00-0950	EA		TAA Compliant External Battery Pack for UPS 2U Rackmount 48 Volt (Tripp Lite BP48V242UTAA).....	1,504.07	
27 29 00 00-0951	EA		48 Volt Shallow Depth External UPS Battery Pack 4U RM (Tripp Lite BP48V48RT4U).....	3,208.69	
27 29 00 00-0952	EA		Smart UPS 48 Volt Tower RM NAFTA External Battery Pack (Tripp Lite BP48V60-3UNAFTA).....	3,082.42	
27 29 00 00-0953	EA		48 Volt External Battery Pack (Expandable) Smart UPS 48 Volt Tower/RM 3U External Battery Pack (Tripp Lite BP48V60RT-3U).....	3,060.14	
27 29 00 00-0954	EA		TAA Compliant External Battery Pack for UPS Rack/Tower 48 Volt (Tripp Lite BP48V60RT3UTAA).....	3,568.92	
27 29 00 00-0955	EA		72V external battery pack — Smart Online UPS 72V RM 2U External Battery Pack (Tripp Lite BP72V15-2U).....	1,901.45	
27 29 00 00-0956	EA		72V external battery pack (expandable) Smart Online UPS 72V Tower/RM3U External Battery Pack (Tripp Lite BP72V28RT3U).....	3,119.56	
27 29 00 00-0957	EA		Connector for multiple battery pack applications. (Tripp Lite BPMULTI).....	284.72	
27 29 00 00-0958	EA		Serial or parallel DB25 RS-232 protector (All pins) for any male or female 25 pin port. (Tripp Lite DB25-ALL).....	57.89	
27 29 00 00-0959	EA		Serial DB9 RS-232 protector (Pins 1-9) for any male or female 9 pin port. (Tripp Lite DB9).....	42.09	
27 29 00 00-0960	EA		Relocateable Power Taps, 6 outlets, 6' cord, Metal-Duplex Series, visual surge indication, 3 line protection. 600 joules. White Without tabs (Tripp Lite DG115-SI).....	120.70	
27 29 00 00-0961	EA		Relocateable Power Taps, 6 outlets, 6' cord, Metal-Duplex Series, 6 outlet strip, 3 line protection. 450 joules. White Without tabs (Tripp Lite DG206).....	77.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-0962 EA RJ45 100 And 10Base-T, Token Ring, AS400/Sys3x, RS422 (Wires 1-8) for NICs, terminals, hubs, MAUs, etc. (Tripp Lite DNET1)	50.88	
27 29 00 00-0963 EA 12 outlets 15' cord 1050 joules Non-Isobar Economy Surge Suppressor 15-Amperes (Tripp Lite DRS-1215).....	191.46	
27 29 00 00-0964 EA RJ45 protector (Wires 1-8) for T-1 equipment, CSU/DSUs, digital and leased lines and ISDN. (Tripp Lite DSUT1CSU).....	105.22	
27 29 00 00-0965 EA RJ11/45 2-line Dial-Up protector, ideal for modems, faxes, answering machines, etc. (Tripp Lite DTCL2).....	56.99	
27 29 00 00-0966 EA 350VA UPS Energy Saving Standby 6 Outlets With USB 120 Volt (Tripp Lite ECO350UPS).....	168.98	
27 29 00 00-0967 EA 550VA UPS Energy Saving Standby 8 Outlets With USB 120 Volt (Tripp Lite ECO550UPS).....	226.54	
27 29 00 00-0968 EA TAA Compliant 550VA UPS Energy Efficient 8 outlets And USB Port (Tripp Lite ECO550UPSTAA).....	256.25	
27 29 00 00-0969 EA 650VA UPS Eco Green LCD 120V USB RJ11 5-15R 8 Outlet (Tripp Lite ECO650LCD).....	258.11	
27 29 00 00-0970 EA 750VA UPS Energy Saving Standby 12 Outlets With USB 120 Volt (Tripp Lite ECO750UPS).....	313.81	
27 29 00 00-0971 EA TAA Compliant 750VA UPS Energy Efficient 12 outlets And USB Port (Tripp Lite ECO750UPSTAA).....	352.81	
27 29 00 00-0972 EA 850VA UPS Eco Green LCD 120V USB RJ11 5-15R 12 Outlet (Tripp Lite ECO850LCD).....	310.10	
27 29 00 00-0973 EA 1250W 12V DC to AC Inverter with Automatic Line-to-Battery 55/14-Amperes Charger (Tripp Lite EMS1250UL).....	2,785.32	
27 29 00 00-0974 EA Allows UPS to monitor external temp./humidity and contact-closure inputs (requires an SNMP card). (Tripp Lite ENVIROSENSE).....	408.51	
27 29 00 00-0975 EA RF Remote for Vista Media Center (Tripp Lite ER-V2).....	132.04	
27 29 00 00-0976 EA 4 OUTLETS 6' CORD 330 JOULES Isobar Ultra Surge Suppressor 220/240V IEC-320 Receptacles (Tripp Lite EURO-4).....	164.85	
27 29 00 00-0977 EA Easy Pull Type A Base Cable - 35' (Tripp Lite EZA-035).....	125.44	
27 29 00 00-0978 EA Easy Pull Type A Base Cable, Plenum Rated - 35' (Tripp Lite EZA-035-P).....	363.12	
27 29 00 00-0979 EA Easy Pull Type A Base Cable - 50' (Tripp Lite EZA-050).....	165.06	
27 29 00 00-0980 EA Easy Pull Type A Base Cable - 50' (Tripp Lite EZA-050-P).....	528.18	
27 29 00 00-0981 EA Easy Pull Type A Base Cable - 100' (Tripp Lite EZA-100).....	330.11	
27 29 00 00-0982 EA Type A Plenum Base Easy Pull Cable - 100 ft. (Tripp Lite EZA-100-P).....	957.32	
27 29 00 00-0983 EA Easy Pull Connectors VGA-F/F w Audio (3.5mm F/F) and 2 faceplates, use w Type A cable Contains 2 Cables - 1' (Tripp Lite EZA-VGAAF-2).....	75.93	
27 29 00 00-0984 EA Easy Pull VGA Cable with Audio - Two HD15 (M) with 3.5mm (M) (Tripp Lite EZA-VGAAM-2).....	52.82	
27 29 00 00-0985 EA Easy Pull Connectors VGA-M/F w Audio (3.5mm M/F), w Faceplate, use w Type A cable Contains 2 cables and Face Plate - 1' (Tripp Lite EZA-VGAAX-2).....	66.02	
27 29 00 00-0986 EA Type A Easy Pull Kit - (2) HD15 With Composite Video and Red/White Audio Female Connectors and Wallplates (Tripp Lite EZA-VGACSAF-2).....	158.45	
27 29 00 00-0987 EA Type A Easy Pull Kit - (2) HD15 With Composite Video and Red/White Audio Male Connectors (Tripp Lite EZA-VGACSAM-2).....	115.54	
27 29 00 00-0988 EA Type A Easy Pull Kit - HD15 With Composite Video and Red/White Audio - (1) F Connector/Wallplate, (1) M Connector (Tripp Lite EZA-VGACSAX-2).....	145.25	
27 29 00 00-0989 EA Easy Pull VGA-F (x2) Connectors w (x2) Faceplates (use w Type A cable) Contains 2 cables - 1' (Tripp Lite EZA-VGAF-2).....	66.02	
27 29 00 00-0990 EA Easy Pull VGA-M (x2) Connectors (use w Type A cable) Contains 2 cables - 1' (Tripp Lite EZA-VGAM-2).....	49.52	
27 29 00 00-0991 EA Easy Pull HD15-M and HD15-F Connectors (use w Type A cable), w Faceplate contains 2 cables and 1 faceplate - 1' (Tripp Lite EZA-VGAX-2).....	59.42	
27 29 00 00-0992 EA 25ft Easy Pull Long-Run Display Cable Digital Polyvinyl Chloride (PVC) Trunk Cable 25' (Tripp Lite EZB-025).....	132.04	
27 29 00 00-0993 EA Easy Pull Type B Base Cable - 50' (Tripp Lite EZB-050).....	148.55	
27 29 00 00-0994 EA Easy Pull Type B Base Cable - 100' (Tripp Lite EZB-100).....	264.09	
27 29 00 00-0995 EA Easy Pull DVI-F (x2) Connectors w (x2) faceplates (use w Type B cable), single link Contains 2 cables - 1' (Tripp Lite EZB-DVIF-2).....	59.42	
27 29 00 00-0996 EA Easy Pull DVI-M (x2) Connectors (use w Type B Cable), single link Contains 2 cables - 1' (Tripp Lite EZB-DVIM-2).....	52.82	
27 29 00 00-0997 EA Easy Pull DVI-M/F Connectors w (x1) faceplate (use w Type B cable), single link Contains 2 cables - 1' (Tripp Lite EZB-DVIX-2).....	59.42	
27 29 00 00-0998 EA Easy Pull HDMI-M (x2) Connectors (use w Type B cable) Contains 2 cables - 1' (Tripp Lite EZB-HDMIM-2).....	69.32	
27 29 00 00-0999 EA IEEE 1394 FireWire Gold Cable, 6pin/6pin - 6 ft. (Tripp Lite F005-006).....	28.45	
27 29 00 00-1000 EA IEEE 1394 FireWire Gold Cable, 6pin/6pin - 15 ft. (Tripp Lite F005-015).....	51.52	
27 29 00 00-1001 EA IEEE 1394 FireWire Gold Cable, 6pin/4pin - 3 ft. (Tripp Lite F007-003).....	27.32	
27 29 00 00-1002 EA IEEE 1394 FireWire Gold Cable, 6pin/4pin - 6 ft. (Tripp Lite F007-006).....	28.45	
27 29 00 00-1003 EA IEEE 1394 FireWire Gold Cable, 6pin/4pin - 15 ft. (Tripp Lite F007-015).....	48.38	
27 29 00 00-1004 EA IEEE 1394 FireWire Gold Cable, 4pin/4pin - 6 ft. (Tripp Lite F009-006).....	28.45	
27 29 00 00-1005 EA IEEE 1394b Firewire 800 Gold Hi-speed Cable, 9pin/9pin - 6' (Tripp Lite F015-006).....	73.99	
27 29 00 00-1006 EA IEEE 1394b Firewire 800 Gold Hi-speed Cable, 9pin/9pin - 10' (Tripp Lite F015-010).....	91.07	
27 29 00 00-1007 EA IEEE 1394b Firewire 800 Gold Hi-speed Cable, 9pin/6pin - 6' (Tripp Lite F017-006).....	62.60	
27 29 00 00-1008 EA IEEE 1394b Firewire 800 Gold Hi-speed Cable, 9pin/6pin - 10' (Tripp Lite F017-010).....	71.14	
27 29 00 00-1009 EA IEEE 1394b Firewire 800 Gold Hi-speed Cable, 9pin/4pin - 6' (Tripp Lite F019-006).....	54.08	
27 29 00 00-1010 EA IEEE 1394b Firewire 800 Gold Hi-speed Cable, 9pin/4pin - 10' (Tripp Lite F019-010).....	78.26	
27 29 00 00-1011 EA Mobile AC Power for Medical Cart. Power Supply with Isolation Transformer. Battery Module. UL 60601-1 Listed (Tripp Lite HCRK).....	3,879.95	
27 29 00 00-1012 EA Medical Power System With 36-Ampere Hours Battery UL60601-1 Compliance (Tripp Lite HCRK-36).....	2,907.87	
27 29 00 00-1013 EA Medical Power System With 54-Ampere Hours Battery UL60601-1 Compliance (Tripp Lite HCRK-54).....	3,229.11	
27 29 00 00-1014 EA 10 outlets 8' cord 3570 joules 3 pair coax 1 line phone 1 pair ethernet Isolated filter banks. Metal case. Holds 6 transformers. (Tripp Lite HT10DBS).....	287.20	
27 29 00 00-1015 EA 12 outlets 10' cord 5700 joules 3 pair coax 1 line phone 1 ethernet. Premium Isobar Surge Protection for Home Theater Components. Includes digital IR remote. (Tripp Lite HT1210SOCTR).....	987.03	
27 29 00 00-1016 EA Home Theater Surge 12 outlet 3coax Tel/DSL/Ethernet 2880 Joules (Tripp Lite HT1210SAT3).....	160.10	
27 29 00 00-1017 EA 7 outlets 6' cord 1680 joules 2 pair coax 1 line phone Holds 4 transformers. (Tripp Lite HT706TSAT).....	73.45	
27 29 00 00-1018 EA 7 outlets 6' cord 1080 joules 1 pair coax Holds 4 transformers. (Tripp Lite HT706TV).....	66.02	
27 29 00 00-1019 EA 8 outlets 10' cord 5700 joules 3 pair coax 1 line phone Premium Isobar Surge Protection for Home Theater Components. (Tripp Lite HT810SOCTR).....	511.67	
27 29 00 00-1020 EA Standby UPS System. 1-line multi-device modem/fax protection. Coax protection. USB port/software/cabling. 12 outlets (6 UPS/surge, 6 surge only) (Tripp Lite HT850UPS).....	482.79	
27 29 00 00-1021 EA Protect It! Surge 6 Swivel Outlets Direct Plug 1200 Joules Coax + TEL (Tripp Lite HTSWIVEL6).....	62.72	
27 29 00 00-1022 EA 4 OUTLETS 6' CORD 330 JOULES Isobar Ultra Surge Suppressor 220/240V US 5-15R Receptacles (Tripp Lite IB4-6/220).....	163.12	
27 29 00 00-1023 EA 12 outlets 15' cord 1280 joules Isobar Surge Suppressor with Locking Plug 20 -Amperes (Tripp Lite IBAR12-20T).....	472.06	
27 29 00 00-1024 EA 2 OUTLETS 6' CORD 600 JOULES Isobar Ultra Surge Suppressor (Tripp Lite IBAR2-6D).....	98.21	
27 29 00 00-1025 EA 4 OUTLETS 6' CORD 2200 JOULES Isobar Ultra Surge Suppressor (Tripp Lite IBAR4-6D).....	132.04	

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-1026	EA	Premium Surge Suppressor. 15 ft. cord. 1 isolated filter bank. Diagnostics. 6 hospital-grade outlets and hospital-grade plug. (Tripp Lite IBAR6 HG).....	272.34	
27 29 00 00-1027	EA	6 OUTLETS 6' CORD 2350 JOULES Isobar Ultra Surge Suppressor (Tripp Lite IBAR6-6D).....	158.45	
27 29 00 00-1028	EA	8 OUTLETS 12' CORD 2350 JOULES Isobar Ultra Surge Suppressor with 9ft. Remote On/Off Switch (Tripp Lite IBAR8-15RM).....	231.08	
27 29 00 00-1029	EA	2 OUTLETS Direct Plug-In 600 JOULES Isobar Ultra Surge Suppressor with diagnostic LED (Tripp Lite IBLOK2-0).....	77.58	
27 29 00 00-1030	EA	12 outlets 15' cord 1280 joules Isobar Surge Suppressor 15-Amperes (Tripp Lite IBR12).....	363.12	
27 29 00 00-1031	EA	Mini Optical Mouse. Retractable cable extends up to 31 inches. (Tripp Lite IN3000WI).....	49.52	
27 29 00 00-1032	EA	Multimedia Keyboard. Includes 12 customized hot keys. (Tripp Lite IN3005KB).....	56.94	
27 29 00 00-1033	EA	Notebook Ultra-Slim Premier Office Keyboard with USB and Internet Hot Keys. (Tripp Lite IN3007KB).....	65.20	
27 29 00 00-1034	EA	Notebook Ultra-Slim Compact Flexible Keyboard with USB, PS2 and 106 Keys. (Tripp Lite IN3008KB).....	65.20	
27 29 00 00-1035	EA	Notebook Wireless Multimedia Flexible Keyboard with USB and Internet Hot Keys. (Tripp Lite IN3010KB).....	161.75	
27 29 00 00-1036	EA	350VA UPS System Compact Low Profile Standby Serial Port 120V 6 Outlet - 350 VA 1 DB9, 1 Line Multi Device Modem/Fax Protection (Tripp Lite INTERNET350SER).....	168.98	
27 29 00 00-1037	EA	350VA UPS System Compact Low Profile Standby USB 120V 8 Outlet - 350 VA1 USB, 1 Line Multi Device Modem/Fax Protection (Tripp Lite INTERNET350U).....	159.69	
27 29 00 00-1038	EA	550VA UPS System Compact Low Profile Standby Serial Port 120V 8 Outlet - 550 VA 1 DB9, 1 Line Multi Device Modem/Fax Protection (Tripp Lite INTERNET550SER).....	215.40	
27 29 00 00-1039	EA	550VA UPS System Compact Low Profile Standby USB 120V 8 Outlet - 550 VA1 USB, 1 Line Multi Device Modem/Fax Protection (Tripp Lite INTERNET550U).....	215.40	
27 29 00 00-1040	EA	560VA UPS System Compact Low Profile Standby USB 120V 8 Outlet - 600 VA 1 USB, 1 Line Multi Device Modem/Fax Protection (Tripp Lite INTERNET600U).....	222.83	
27 29 00 00-1041	EA	750VA UPS System Compact Low Profile Standby USB 120V 8 Outlet - 750 VA1 USB, 1 Line Multi Device Modem/Fax Protection (Tripp Lite INTERNET750U).....	306.39	
27 29 00 00-1042	EA	900VA UPS System Compact Low Profile Standby USB 120V 12 Outlet - 900 VA 1 USB, 1 Line Multi Device Modem/Fax Protection (Tripp Lite INTERNET900U).....	345.38	
27 29 00 00-1043	EA	300VA UPS System Ultra Compact Low Profile Standby 120V 6 Outlet - 300 VA, Modem/Fax Protection (Tripp Lite INTRNT OFFC300).....	228.40	
27 29 00 00-1044	EA	500VA UPS System Ultra Compact Low Profile Standby 120V 6 Outlet - 500 VA1 USB, 2 Line Multi Device Modem/Fax Protection (Tripp Lite INTRNT OFFC500R).....	375.09	
27 29 00 00-1045	EA	Tripp Lite 700VA UPS Battery Backup Tower 120V USB RJ45 (Tripp Lite INTRNT OFFC700R).....	412.23	
27 29 00 00-1046	EA	1000 Watt FULL ISOLATION. Transformer With Faraday Shield, 4 Outlets. (Tripp Lite IS-1000).....	909.87	
27 29 00 00-1047	EA	1000 Watt FULL ISOLATION. Transformer with Faraday shield. UL 60601-1 Listed. 4 hospital-grade outlets and hospital-grade plug. (Tripp Lite IS1000HG).....	1,394.72	
27 29 00 00-1048	EA	1800 Watt FULL ISOLATION. Transformer with Faraday shield. UL 60601-1 Listed. 6 hospital-grade outlets and hospital-grade plug. (Tripp Lite IS1800HG).....	2,186.99	
27 29 00 00-1049	EA	250 Watt FULL ISOLATION. Transformer With Faraday Shield, 2 Outlets. (Tripp Lite IS-250).....	367.66	
27 29 00 00-1050	EA	250 Watt FULL ISOLATION. Transformer with Faraday shield. UL 60601-1 Listed. 2 hospital-grade outlets and hospital-grade plug. (Tripp Lite IS250HG).....	664.35	
27 29 00 00-1051	EA	500 Watt FULL ISOLATION. Transformer With Faraday Shield, 4 Outlets. (Tripp Lite IS-500).....	583.06	
27 29 00 00-1052	EA	500 Watt FULL ISOLATION. Transformer with Faraday shield. UL 60601-1 Listed. 4 hospital-grade outlets and hospital-grade plug. (Tripp Lite IS500HG).....	924.31	
27 29 00 00-1053	EA	12 outlets 15' cord 1280 joules Isobar Ultra Surge Suppressor 15-Amperes (Tripp Lite ISOBAR12 ULTRA).....	349.92	
27 29 00 00-1054	EA	12 outlets 15' cord 1280 joules Isobar Ultra Surge Suppressor 20 -Amperes (Tripp Lite ISOBAR12/20 UL).....	396.13	
27 29 00 00-1055	EA	4 OUTLETS 6' CORD 2200 JOULES Isobar Ultra Surge Suppressor with diagnostic LED'S (Tripp Lite ISOBAR4 ULTRA).....	145.25	
27 29 00 00-1056	EA	6 OUTLETS 6' CORD 2350 JOULES Isobar Ultra Surge Suppressor with diagnostic LED'S (Tripp Lite ISOBAR6 ULTRA).....	165.06	
27 29 00 00-1057	EA	6 OUTLETS 6' CORD 2850 JOULES Isobar Ultra Surge Suppressor with 2 line Coax, Modem/Fax Protection and diagnostic LED'S (Tripp Lite ISOBAR6DBS).....	196.42	
27 29 00 00-1058	EA	8 OUTLETS 12' CORD 2350 JOULES Isobar Ultra Surge Suppressor with diagnostic LED'S (Tripp Lite ISOBAR8 ULTRA).....	189.81	
27 29 00 00-1059	EA	Isobar Ultra Surge With Fax/Modem 8 outlets 25' Cord 2350 Joules (Tripp Lite ISOBAR825ULTRA).....	217.87	
27 29 00 00-1060	EA	4 OUTLETS 6' CORD 2700 JOULES Isobar Ultra Surge Suppressor with Modem/Fax Protection (Tripp Lite ISOTEL).....	165.06	
27 29 00 00-1061	EA	4 OUTLETS 6' CORD 2700 JOULES Isobar Ultra Surge Suppressor with Modem/Fax Protection and diagnostic LED'S (Tripp Lite ISOTEL4 ULTRA).....	179.09	
27 29 00 00-1062	EA	6 OUTLETS 6' CORD 2850 JOULES Isobar Ultra Surge Suppressor with 2 line Modem/Fax Protection and diagnostic LED'S (Tripp Lite ISOTEL6 ULTRA).....	196.42	
27 29 00 00-1063	EA	8 OUTLETS 12' CORD 2850 JOULES Isobar Ultra Surge Suppressor with Modem/Fax Protection and diagnostic LED'S (Tripp Lite ISOTEL8 ULTRA).....	219.52	
27 29 00 00-1064	EA	1200 Watt ISOBAR® Protection, High/Low Voltage Correction, 4 Outlets. (Tripp Lite LC1200).....	360.23	
27 29 00 00-1065	EA	1,800 Watt ISOBAR® Protection, High/Low Voltage Correction, 7 LED Readout, 6 Outlets. (Tripp Lite LC1800).....	534.78	
27 29 00 00-1066	EA	2400 Watt ISOBAR® Protection, High/Low Voltage Correction, 7 LED Readout, 6 Outlets. (Tripp Lite LC2400).....	724.18	
27 29 00 00-1067	EA	2,400 Watt Rackmount, 3U, ISOBAR® Protection, High/Low Voltage Correction, 5 LED Readout, 14 Outlets. (Tripp Lite LCR2400).....	980.43	
27 29 00 00-1068	EA	1,000 Watt, 230 Volt, 50/60 Hertz, 4 NEMA 5-15R Outlets, 1 Universal Outlet Adapter (Tripp Lite LR1000).....	427.08	
27 29 00 00-1069	EA	2,000 Watt, 230 Volt, 50/60 Hertz, 2 NEMA 5-15R, 2 NEMA 6-15R And 2 IEC-320 Outlets, 1 Universal Outlet Adapter (Tripp Lite LR2000).....	794.74	
27 29 00 00-1070	EA	600 Watt, 230 Volt, 50/60 Hertz, 3 IEC-320 Outlets (Tripp Lite LR604).....	323.10	
27 29 00 00-1071	EA	600 Watt, Wallmount, High/Low Voltage Correction, 4 Outlets. (Tripp Lite LS604WM).....	341.67	
27 29 00 00-1072	EA	600 Watt, High/Low Voltage Correction, 6 Outlets (Tripp Lite LS606M).....	259.96	
27 29 00 00-1073	EA	UPS / PC Communication via MODBUS RS-422/485 And RS-232 Ports (Tripp Lite MODBUSCARD).....	825.28	
27 29 00 00-1074	EA	6 OUTLETS 10' CORD 1790 JOULES Isobar Ultra Under Monitor Surge Suppressor with Modem/Fax Protection (Tripp Lite MT-6PLUS).....	249.03	
27 29 00 00-1075	EA	1' Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-001-BL).....	6.25	
27 29 00 00-1076	EA	1' Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Yellow (Tripp Lite N001-001-YW).....	6.25	
27 29 00 00-1077	EA	2' Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-002-BL).....	6.83	
27 29 00 00-1078	EA	3' Category 5E 350MHz Black Snagless Molded Patch Cable RJ45 (Tripp Lite N001-003-BK).....	7.96	
27 29 00 00-1079	EA	3' Category 5E 350MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N001-003-BL).....	7.96	
27 29 00 00-1080	EA	3' Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-003-GN).....	7.96	
27 29 00 00-1081	EA	3' Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-003-GY).....	7.96	
27 29 00 00-1082	EA	3' Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Red (Tripp Lite N001-003-RD).....	7.96	
27 29 00 00-1083	EA	3' Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M White (Tripp Lite N001-003-WH).....	7.96	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-1084	EA	3'	Category 5E 350MHz Yellow Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-003-YW)	7.96	
27 29 00 00-1085	EA	4'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-004-BL)	7.96	
27 29 00 00-1086	EA	5'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45 (Tripp Lite N001-005-BK)	9.39	
27 29 00 00-1087	EA	5'	Category 5E 350MHz Blue Snagless Molded Patch Cable RJ45 (Tripp Lite N001-005-BL)	9.39	
27 29 00 00-1088	EA	5'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-005-GN)	9.39	
27 29 00 00-1089	EA	5'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-005-GY)	9.39	
27 29 00 00-1090	EA	5'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Red (Tripp Lite N001-005-RD)	9.39	
27 29 00 00-1091	EA	5'	Category 5E 350MHz Yellow Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-005-YW)	9.39	
27 29 00 00-1092	EA	6'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-006-BK)	10.81	
27 29 00 00-1093	EA	6'	Category 5E 350MHz Blue Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-006-BL)	10.81	
27 29 00 00-1094	EA	6'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Gray (Tripp Lite N001-006-GY)	10.81	
27 29 00 00-1095	EA	6'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Yellow (Tripp Lite N001-006-YW)	10.81	
27 29 00 00-1096	EA	7'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45 (Tripp Lite N001-007-BK)	11.10	
27 29 00 00-1097	EA	7'	Category 5E 350MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N001-007-BL)	11.10	
27 29 00 00-1098	EA	7'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-007-GN)	11.10	
27 29 00 00-1099	EA	7'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-007-GY)	11.10	
27 29 00 00-1100	EA	7'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-007-GY-R)	7.96	
27 29 00 00-1101	EA	7'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Orange (Tripp Lite N001-007-OR)	11.10	
27 29 00 00-1102	EA	7'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Red (Tripp Lite N001-007-RD)	11.10	
27 29 00 00-1103	EA	7'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M White (Tripp Lite N001-007-WH)	11.10	
27 29 00 00-1104	EA	7'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-007-YW)	11.10	
27 29 00 00-1105	EA	8'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-008-BL)	11.95	
27 29 00 00-1106	EA	10'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45 (Tripp Lite N001-010-BK)	13.08	
27 29 00 00-1107	EA	10'	Category 5E 350MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N001-010-BL)	13.08	
27 29 00 00-1108	EA	10'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-010-GN)	13.08	
27 29 00 00-1109	EA	10'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-010-GY)	13.08	
27 29 00 00-1110	EA	10'	Category 5E/5 350MHz Snagless Patch Cbl RJ45 M/M Orange (Tripp Lite N001-010-OR)	13.08	
27 29 00 00-1111	EA	10'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M White (Tripp Lite N001-010-WH)	13.08	
27 29 00 00-1112	EA	10'	Category 5E 350MHz Yellow Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-010-YW)	13.08	
27 29 00 00-1113	EA	12'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Gray (Tripp Lite N001-012-GY)	13.95	
27 29 00 00-1114	EA	14'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45 (Tripp Lite N001-014-BK)	14.79	
27 29 00 00-1115	EA	14'	Category 5E 350MHz Blue Snagless Molded Patch Cable RJ45 (Tripp Lite N001-014-BL)	14.79	
27 29 00 00-1116	EA	14'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-014-GN)	14.79	
27 29 00 00-1117	EA	14'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-014-GY)	14.79	
27 29 00 00-1118	EA	14'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-014-GY-R)	11.39	
27 29 00 00-1119	EA	14'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Red (Tripp Lite N001-014-RD)	14.79	
27 29 00 00-1120	EA	14'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M White (Tripp Lite N001-014-WH)	14.79	
27 29 00 00-1121	EA	14'	Category 5E 350MHz Yellow Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-014-YW)	14.79	
27 29 00 00-1122	EA	15'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-015-BK)	17.35	
27 29 00 00-1123	EA	15'	Category 5E 350MHz Blue Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-015-BL)	17.35	
27 29 00 00-1124	EA	15'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-015-GN)	17.35	
27 29 00 00-1125	EA	15'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-015-GY)	17.35	
27 29 00 00-1126	EA	15'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Red (Tripp Lite N001-015-RD)	17.35	
27 29 00 00-1127	EA	15'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M YLW (Tripp Lite N001-015-YW)	17.35	
27 29 00 00-1128	EA	20'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-020-BL)	22.20	
27 29 00 00-1129	EA	20'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-020-GN)	22.20	
27 29 00 00-1130	EA	20'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Gray (Tripp Lite N001-020-GY)	22.20	
27 29 00 00-1131	EA	25'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45 (Tripp Lite N001-025-BK)	27.03	
27 29 00 00-1132	EA	25'	Category 5E 350MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N001-025-BL)	27.03	
27 29 00 00-1133	EA	25'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-025-GN)	27.03	
27 29 00 00-1134	EA	25'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-025-GY)	27.03	
27 29 00 00-1135	EA	25'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Red (Tripp Lite N001-025-RD)	27.03	
27 29 00 00-1136	EA	25'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M White (Tripp Lite N001-025-WH)	27.03	
27 29 00 00-1137	EA	25'	Category 5E 350MHz Yellow Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-025-YW)	27.03	
27 29 00 00-1138	EA	30'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-030-BK)	34.15	
27 29 00 00-1139	EA	30'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-030-BL)	34.15	
27 29 00 00-1140	EA	30'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Gray (Tripp Lite N001-030-GY)	34.15	
27 29 00 00-1141	EA	40'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-040-BL)	42.69	
27 29 00 00-1142	EA	50'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45 (Tripp Lite N001-050-BK)	51.79	
27 29 00 00-1143	EA	50'	Category 5E 350MHz Blue Snagless Molded Patch Cable RJ45 (Tripp Lite N001-050-BL)	51.79	
27 29 00 00-1144	EA	50'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Green (Tripp Lite N001-050-GN)	51.79	
27 29 00 00-1145	EA	50'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-050-GY)	51.79	
27 29 00 00-1146	EA	50'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Red (Tripp Lite N001-050-RD)	51.79	
27 29 00 00-1147	EA	50'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M White (Tripp Lite N001-050-WH)	51.79	
27 29 00 00-1148	EA	50'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M YLW (Tripp Lite N001-050-YW)	51.79	
27 29 00 00-1149	EA	75'	Category 5E/5 350MHz Snagless Patch Cable RJ45 M/M Blue (Tripp Lite N001-075-BL)	73.99	
27 29 00 00-1150	EA	75'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-075-GY)	73.99	
27 29 00 00-1151	EA	100'	Category 5E 350MHz Black Snagless Molded Patch Cable RJ45M/M (Tripp Lite N001-100-BK)	105.29	
27 29 00 00-1152	EA	100'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-100-GY)	105.29	
27 29 00 00-1153	EA	125'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-125-GY)	108.13	
27 29 00 00-1154	EA	150'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-150-GY)	153.67	
27 29 00 00-1155	EA	200'	Category 5E 350MHz Gray Snagless Molded Patch Cable RJ45 (Tripp Lite N001-200-GY)	264.67	
27 29 00 00-1156	EA	1'	Category 5E 350MHz Black Molded Patch Cable RJ45 (Tripp Lite N002-001-BK)	6.25	
27 29 00 00-1157	EA	1'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-001-BL)	6.25	
27 29 00 00-1158	EA	1'	Category 5E 350MHz Green Molded Patch Cable RJ45M/M (Tripp Lite N002-001-GN)	6.25	
27 29 00 00-1159	EA	1'	Category 5E 350MHz Gray Molded Patch Cable RJ45 (Tripp Lite N002-001-GY)	6.25	
27 29 00 00-1160	EA	1'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-001-RD)	6.25	
27 29 00 00-1161	EA	1'	Category 5E 350MHz White Molded Patch Cable RJ45M/M (Tripp Lite N002-001-WH)	6.25	
27 29 00 00-1162	EA	1'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-001-YW)	6.25	
27 29 00 00-1163	EA	2'	Category 5E 350MHz Black Molded Patch Cable RJ45 (Tripp Lite N002-002-BK)	6.54	
27 29 00 00-1164	EA	2'	Category 5E 350MHz Blue Molded Patch Cable RJ45 (Tripp Lite N002-002-BL)	6.54	
27 29 00 00-1165	EA	2'	Category 5E 350MHz Gray Molded Patch Cable RJ45 (Tripp Lite N002-002-GY)	6.54	
27 29 00 00-1166	EA	3'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-003-BK)	6.83	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-1167	EA	3'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-003-BL).....	6.83	
27 29 00 00-1168	EA	3'	Category 5E 350MHz Green Molded Patch Cable RJ45M/M (Tripp Lite N002-003-GN).....	6.83	
27 29 00 00-1169	EA	3'	Category 5E 350MHz Gray Molded Patch Cable, RJ45M/M (Tripp Lite N002-003-GY).....	6.83	
27 29 00 00-1170	EA	3'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-003-RD).....	6.83	
27 29 00 00-1171	EA	3'	Category 5E 350MHz White Molded Patch Cable RJ45M/M (Tripp Lite N002-003-WH).....	6.83	
27 29 00 00-1172	EA	3'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-003-YW).....	6.83	
27 29 00 00-1173	EA	4'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-004-BK).....	7.41	
27 29 00 00-1174	EA	4'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-004-BL).....	7.41	
27 29 00 00-1175	EA	4'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-004-GY).....	7.41	
27 29 00 00-1176	EA	5'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-005-BK).....	7.96	
27 29 00 00-1177	EA	5'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-005-BL).....	7.96	
27 29 00 00-1178	EA	5'	Category 5E 350MHz Green Molded Patch Cable RJ45M/M (Tripp Lite N002-005-GN).....	7.96	
27 29 00 00-1179	EA	5'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-005-GY).....	7.96	
27 29 00 00-1180	EA	5'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-005-RD).....	7.96	
27 29 00 00-1181	EA	5'	Category 5E 350MHz White Molded Patch Cable RJ45M/M (Tripp Lite N002-005-WH).....	7.96	
27 29 00 00-1182	EA	5'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-005-YW).....	7.96	
27 29 00 00-1183	EA	6'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-006-BK).....	9.39	
27 29 00 00-1184	EA	6'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-006-BL).....	9.39	
27 29 00 00-1185	EA	6'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-006-GY).....	9.39	
27 29 00 00-1186	EA	6'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-006-RD).....	9.39	
27 29 00 00-1187	EA	6'	Category 5E/5 350MHz Patch Cable RJ45 M/M White (Tripp Lite N002-006-WH).....	9.39	
27 29 00 00-1188	EA	6'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-006-YW).....	9.39	
27 29 00 00-1189	EA	7'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-007-BK).....	10.25	
27 29 00 00-1190	EA	7'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-007-BL).....	10.25	
27 29 00 00-1191	EA	7'	Category 5E 350MHz Green Molded Patch Cable RJ45M/M (Tripp Lite N002-007-GN).....	10.25	
27 29 00 00-1192	EA	7'	Category 5E 350MHz Gray Molded Patch Cable, RJ45M/M (Tripp Lite N002-007-GY).....	10.25	
27 29 00 00-1193	EA	7'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-007-RD).....	10.25	
27 29 00 00-1194	EA	7'	Category 5E 350MHz White Molded Patch Cable RJ45M/M (Tripp Lite N002-007-WH).....	10.25	
27 29 00 00-1195	EA	7'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-007-YW).....	10.25	
27 29 00 00-1196	EA	10'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-010-BK).....	11.95	
27 29 00 00-1197	EA	10'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-010-BL).....	11.95	
27 29 00 00-1198	EA	10'	Category 5E 350MHz Green Molded Patch Cable RJ45M/M (Tripp Lite N002-010-GN).....	11.95	
27 29 00 00-1199	EA	10'	Category 5E 350MHz Gray Molded Patch Cable, RJ45M/M (Tripp Lite N002-010-GY).....	11.95	
27 29 00 00-1200	EA	10'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-010-RD).....	11.95	
27 29 00 00-1201	EA	10'	Category 5E 350MHz White Molded Patch Cable RJ45M/M (Tripp Lite N002-010-WH).....	11.95	
27 29 00 00-1202	EA	10'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-010-YW).....	11.95	
27 29 00 00-1203	EA	12'	Category 5E/5 350MHz Patch Cable RJ45 M/M Gray (Tripp Lite N002-012-GY).....	13.08	
27 29 00 00-1204	EA	14'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-014-BK).....	13.95	
27 29 00 00-1205	EA	14'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-014-BL).....	13.95	
27 29 00 00-1206	EA	14'	Category 5E 350MHz Green Molded Patch Cable RJ45M/M (Tripp Lite N002-014-GN).....	13.95	
27 29 00 00-1207	EA	14'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-014-GY).....	13.95	
27 29 00 00-1208	EA	14'	Category 5E 350MHz Orange Molded Patch Cable RJ45M/M (Tripp Lite N002-014-OR).....	13.95	
27 29 00 00-1209	EA	14'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-014-RD).....	13.95	
27 29 00 00-1210	EA	14'	Category 5E 350MHz White Molded Patch Cable RJ45M/M (Tripp Lite N002-014-WH).....	13.95	
27 29 00 00-1211	EA	14'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-014-YW).....	13.95	
27 29 00 00-1212	EA	15'	Category 5E/5 350MHz Patch Cable RJ45 M/M Black (Tripp Lite N002-015-BK).....	15.08	
27 29 00 00-1213	EA	15'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-015-BL).....	15.08	
27 29 00 00-1214	EA	15'	Category 5E/5 350MHz Patch Cable RJ45 M/M Green (Tripp Lite N002-015-GN).....	15.08	
27 29 00 00-1215	EA	15'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-015-GY).....	15.08	
27 29 00 00-1216	EA	15'	Category 5E/5 350MHz Patch Cable RJ45 M/M Yellow (Tripp Lite N002-015-YW).....	15.08	
27 29 00 00-1217	EA	20'	Category 5E/5 350MHz Patch Cable RJ45 M/M Black (Tripp Lite N002-020-BK).....	19.35	
27 29 00 00-1218	EA	20'	Category 5E/5 350MHz Patch Cable RJ45 M/M Blue (Tripp Lite N002-020-BL).....	19.35	
27 29 00 00-1219	EA	20'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-020-GY).....	19.35	
27 29 00 00-1220	EA	25'	Category 5E 350MHz Black Molded Patch Cable RJ45M/M (Tripp Lite N002-025-BK).....	22.49	
27 29 00 00-1221	EA	25'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-025-BL).....	22.49	
27 29 00 00-1222	EA	25'	Category 5E 350MHz Green Molded Patch Cable RJ45M/M (Tripp Lite N002-025-GN).....	22.49	
27 29 00 00-1223	EA	25'	Category 5E 350MHz Gray Molded Patch Cable, RJ45M/M (Tripp Lite N002-025-GY).....	22.49	
27 29 00 00-1224	EA	25'	Category 5E 350MHz Red Molded Patch Cable RJ45M/M (Tripp Lite N002-025-RD).....	22.49	
27 29 00 00-1225	EA	25'	Category 5E 350MHz White Molded Patch Cable RJ45M/M (Tripp Lite N002-025-WH).....	22.49	
27 29 00 00-1226	EA	25'	Category 5E 350MHz Yellow Molded Patch Cable RJ45M/M (Tripp Lite N002-025-YW).....	22.49	
27 29 00 00-1227	EA	30'	Category 5E/5 350MHz Patch Cable RJ45 M/M Blue (Tripp Lite N002-030-BL).....	25.60	
27 29 00 00-1228	EA	50'	Category 5E 350MHz Blue Molded Patch Cable RJ45M/M (Tripp Lite N002-050-BK).....	39.84	
27 29 00 00-1229	EA	50'	Category 5E/5 350MHz Patch Cable RJ45 M/M Blue (Tripp Lite N002-050-BL).....	39.84	
27 29 00 00-1230	EA	50'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-050-GY).....	39.84	
27 29 00 00-1231	EA	50'	Category 5E/5 350MHz Patch Cable RJ45 M/M Yellow (Tripp Lite N002-050-YW).....	39.84	
27 29 00 00-1232	EA	75'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-075-GY).....	66.60	
27 29 00 00-1233	EA	100'	Category 5E/5 350MHz Patch Cable RJ45 M/M Black (Tripp Lite N002-100-BK).....	80.82	
27 29 00 00-1234	EA	100'	Category 5E 350MHz Blue Molded Patch Cable RJ45 (Tripp Lite N002-100-BL).....	80.82	
27 29 00 00-1235	EA	100'	Category 5E 350MHz Gray Molded Patch Cable RJ45M/M (Tripp Lite N002-100-GY).....	80.82	
27 29 00 00-1236	EA	25'	Category 5E 350MHz Molded Gray Outdoor Rated Patch Cable RJ45M/M (Tripp Lite N007-025-GY).....	216.29	
27 29 00 00-1237	EA	100'	Category 5E 350MHz Molded Gray Outdoor Rated Patch Cable RJ45M/M (Tripp Lite N007-100-GY).....	227.65	
27 29 00 00-1238	EA	150'	Category 5E 350MHz Gray Outdoor-Rated Patch Cbl RJ45M/M (Tripp Lite N007-150-GY).....	313.03	
27 29 00 00-1239	EA	200'	Category 5E 350MHz Molded Gray Outdoor Rated Patch Cable RJ45 (Tripp Lite N007-200-GY).....	910.66	
27 29 00 00-1240	EA	4'	Category 5E Retractable Patch Cable RJ45M/M (Tripp Lite N009-004-R).....	39.84	
27 29 00 00-1241	EA	7'	Category 5E 350MHz Gray Cross-over Molded Cable RJ45M/M (Tripp Lite N010-007-GY).....	10.52	
27 29 00 00-1242	EA	10'	Category 5E 350MHz Gray Cross-over Molded Cable RJ45M/M (Tripp Lite N010-010-GY).....	12.23	
27 29 00 00-1243	EA	10'	Category 5E 350MHz Molded Cross-over Cable (RJ45 M/M) Yellow (Tripp Lite N010-010-YW).....	12.23	
27 29 00 00-1244	EA	25'	Category 5E 350MHz Molded Cross-over Cable (RJ45 M/M) Yellow (Tripp Lite N010-025-YW).....	22.76	
27 29 00 00-1245	EA	25'	Category 5E 350MHz Gray Cable (Tripp Lite N017-025-GY).....	96.76	
27 29 00 00-1246	EA	1,000'	Category 5E 350MHz Bulk Stranded Polyvinyl Chloride (PVC) Cable (Tripp Lite N020-01K-GY).....	967.58	
27 29 00 00-1247	EA	1,000'	Category 5E 350MHz Bulk Solid Polyvinyl Chloride (PVC) Cable (Tripp Lite N022-01K-GY).....	654.53	
27 29 00 00-1248	EA	1,000'	Category 5E 350MHz Bulk Solid Plenum Cable (Tripp Lite N024-01K).....	1,821.31	
27 29 00 00-1249	EA	1,000'	Category 5E Outdoor Rated Polyvinyl Chloride (PVC) Bulk Cable (Tripp Lite N028-01K-GY).....	1,792.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-1250 EA Category 5E RJ45 Modular Connector, Solid - 10 Pack (Tripp Lite N030-010).....	21.62	
27 29 00 00-1251 EA 100PK RJ45 Plugs Round Solid Stranded Conductor 4-pair Category 5E Cable (Tripp Lite N030-100).....	125.22	
27 29 00 00-1252 EA 100PK RJ45 Plugs for Flat Solid / Stranded Conductor Cable (Tripp Lite N030-100-FL).....	125.22	
27 29 00 00-1253 EA Category 5E RJ45 Modular Connector, Stranded - 50 Pack (Tripp Lite N031-050).....	54.08	
27 29 00 00-1254 EA Category 5E Modular Coupler Straight RJ45F/F (Tripp Lite N032-001).....	21.62	
27 29 00 00-1255 EA Modular Coupler Straight RJ45F/F (Tripp Lite N033-001).....	6.54	
27 29 00 00-1256 EA 4-Port Keystone Faceplate for Category 6/5E Keystone Jacks TAA GSA (Tripp Lite N042-001-04-WH).....	7.12	
27 29 00 00-1257 EA White Keystone Faceplate; 2 Outlets (Tripp Lite N042-001-WH).....	5.69	
27 29 00 00-1258 EA Network Cable Tester (Category 5E/6, coax, Phone) RJ45(F)/RJ11(F) (Tripp Lite N044-000-R).....	182.14	
27 29 00 00-1259 EA Punch-Down Cable Installation Tool (Tripp Lite N046-000).....	113.83	
27 29 00 00-1260 EA Category 5E Wall Mount Patch Panel 568B - 12 Port (Tripp Lite N050-012).....	142.30	
27 29 00 00-1261 EA Category 5E Patch Panel 568B - 12 Port (Tripp Lite N052-012).....	159.36	
27 29 00 00-1262 EA Category 5E Patch Panel 568B - 24 Port (Tripp Lite N052-024).....	210.59	
27 29 00 00-1263 EA Category 5E Patch Panel 568B - 48 Port (Tripp Lite N052-048).....	398.40	
27 29 00 00-1264 EA Category 5E Feedthrough Patch Panel, 1U - 24 Port (Tripp Lite N054-024).....	996.03	
27 29 00 00-1265 EA Hinged Wall Mount Patch Panel Bracket - 2U (Tripp Lite N060-002).....	170.75	
27 29 00 00-1266 EA Hinged Wall Mount Patch Panel Bracket - 4U (Tripp Lite N060-004).....	216.29	
27 29 00 00-1267 EA 7' Category 5E 350MHz Gray Molded Shielded Patch Cable, RJ45M/M (Tripp Lite N105-007-GY).....	21.62	
27 29 00 00-1268 EA 10' Category 5E 350MHz Gray Molded Shielded Patch Cable, RJ45M/M (Tripp Lite N105-010-GY).....	25.60	
27 29 00 00-1269 EA 25' Category 5E 350MHz Gray Molded Shielded Patch Cable, RJ45M/M (Tripp Lite N105-025-GY).....	47.25	
27 29 00 00-1270 EA 50' Category 5E 350MHz Gray Molded Shielded Patch Cable, RJ45M/M (Tripp Lite N105-050-GY).....	77.41	
27 29 00 00-1271 EA 100' Category 5E 350MHz Molded Gray Shielded Patch Cable RJ45M/M (Tripp Lite N105-100-GY).....	142.30	
27 29 00 00-1272 EA 7' Category 6 Gigabit Molded Gray Shielded Patch Cable RJ45M/M (Tripp Lite N125-007-GY).....	29.32	
27 29 00 00-1273 EA 10' Category 6 Gigabit Molded Gray Shielded Patch Cable RJ45M/M (Tripp Lite N125-010-GY).....	36.99	
27 29 00 00-1274 EA 25' Category 6 Gigabit Molded Gray Shielded Patch Cable RJ45M/M (Tripp Lite N125-025-GY).....	76.83	
27 29 00 00-1275 EA 50' Category 6 Gigabit Molded Gray Shielded Patch Cable RJ45M/M (Tripp Lite N125-050-GY).....	125.22	
27 29 00 00-1276 EA 50' Category 3 25-Pair Telco Cable, RJ21 M to Open End (Tripp Lite N154-050-C3).....	244.74	
27 29 00 00-1277 EA 1' Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-001-BK).....	10.25	
27 29 00 00-1278 EA 1' Category 6 Gigabit Blue Snagless Patch Cable RJ45 (Tripp Lite N201-001-BL).....	10.25	
27 29 00 00-1279 EA 1' Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-001-GY).....	10.25	
27 29 00 00-1280 EA 1' Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-001-RD).....	10.25	
27 29 00 00-1281 EA 1' Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-001-WH).....	10.25	
27 29 00 00-1282 EA 1' Category 6 Gig Snagless Molded Patch Cable RJ45 M/M Yellow (Tripp Lite N201-001-YW).....	10.25	
27 29 00 00-1283 EA 2' Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-002-BK).....	11.39	
27 29 00 00-1284 EA 2' Category 6 Gigabit Blue Snagless Patch Cable (Tripp Lite N201-002-BL).....	11.39	
27 29 00 00-1285 EA 2' Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-002-GY).....	11.39	
27 29 00 00-1286 EA 2' Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-002-RD).....	11.39	
27 29 00 00-1287 EA 2' Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-002-WH).....	11.39	
27 29 00 00-1288 EA 2' Category 6 Gig Snagless Molded Patch Cable RJ45 M/M Yellow (Tripp Lite N201-002-YW).....	11.39	
27 29 00 00-1289 EA 3' Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-003-BK).....	12.81	
27 29 00 00-1290 EA 3' Category 6 550MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N201-003-BL).....	12.81	
27 29 00 00-1291 EA 3' Category 6 Gigabit Green Snagless Patch Cable RJ45 (Tripp Lite N201-003-GN).....	12.81	
27 29 00 00-1292 EA 3' Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-003-GY).....	12.81	
27 29 00 00-1293 EA 3' Category 6 Gigabit Orange Snagless Patch Cable RJ45 (Tripp Lite N201-003-OR).....	12.81	
27 29 00 00-1294 EA 3' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Purple (Tripp Lite N201-003-PU).....	12.81	
27 29 00 00-1295 EA 3' Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-003-RD).....	12.81	
27 29 00 00-1296 EA 3' Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-003-WH).....	12.81	
27 29 00 00-1297 EA 3' Category 6 Gigabit Yellow Snagless Patch Cable RJ45 (Tripp Lite N201-003-YW).....	12.81	
27 29 00 00-1298 EA 4' Category 6 Gigabit Snagless Molded Patch Cable Blue (Tripp Lite N201-004-BL).....	13.66	
27 29 00 00-1299 EA 4' Category 6 Gig Snagless Molded Patch Cable RJ45 M/M Yellow (Tripp Lite N201-004-YW).....	13.66	
27 29 00 00-1300 EA 5' Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-005-BK).....	15.93	
27 29 00 00-1301 EA 5' Category 6 Gigabit Blue Snagless Patch Cable RJ45 (Tripp Lite N201-005-BL).....	15.93	
27 29 00 00-1302 EA 5' Category 6 Gigabit Green Snagless Patch Cable RJ45 (Tripp Lite N201-005-GN).....	15.93	
27 29 00 00-1303 EA 5' Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-005-GY).....	15.93	
27 29 00 00-1304 EA 5' Category 6 Gigabit Orange Snagless Patch Cable RJ45 (Tripp Lite N201-005-OR).....	15.93	
27 29 00 00-1305 EA 5' Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-005-RD).....	15.93	
27 29 00 00-1306 EA 5' Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-005-WH).....	15.93	
27 29 00 00-1307 EA 5' Category 6 Gigabit Yellow Snagless Patch Cable RJ45 (Tripp Lite N201-005-YW).....	15.93	
27 29 00 00-1308 EA 6' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Black (Tripp Lite N201-006-BK).....	17.08	
27 29 00 00-1309 EA 6' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Blue (Tripp Lite N201-006-BL).....	17.08	
27 29 00 00-1310 EA 6' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Green (Tripp Lite N201-006-GN).....	17.08	
27 29 00 00-1311 EA 6' Category 6 Gigabit Snagless Molded Patch Cable Gray (Tripp Lite N201-006-GY).....	17.08	
27 29 00 00-1312 EA 6' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Red (Tripp Lite N201-006-RD).....	17.08	
27 29 00 00-1313 EA 6' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Yellow (Tripp Lite N201-006-YW).....	17.08	
27 29 00 00-1314 EA 7' Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-007-BK).....	17.93	
27 29 00 00-1315 EA 7' Category 6 550MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N201-007-BL).....	17.93	
27 29 00 00-1316 EA 7' Category 6 Gigabit Green Snagless Patch Cable RJ45 (Tripp Lite N201-007-GN).....	17.93	
27 29 00 00-1317 EA 7' Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-007-GY).....	17.93	
27 29 00 00-1318 EA 7' Category 6 Gigabit Orange Snagless Patch Cable RJ45 (Tripp Lite N201-007-OR).....	17.93	
27 29 00 00-1319 EA 7' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Purple (Tripp Lite N201-007-PU).....	17.93	
27 29 00 00-1320 EA 7' Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-007-RD).....	17.93	
27 29 00 00-1321 EA 7' Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-007-WH).....	17.93	
27 29 00 00-1322 EA 7' Category 6 Gigabit Yellow Snagless Patch Cable RJ45 (Tripp Lite N201-007-YW).....	17.93	
27 29 00 00-1323 EA 10' Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-010-BK).....	22.49	
27 29 00 00-1324 EA 10' Category 6 550MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N201-010-BL).....	22.49	
27 29 00 00-1325 EA 10' Category 6 Gigabit Green Snagless Patch Cable RJ45 (Tripp Lite N201-010-GN).....	22.49	
27 29 00 00-1326 EA 10' Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-010-GY).....	22.49	
27 29 00 00-1327 EA 10' Category 6 Gigabit Orange Snagless Patch Cable RJ45 (Tripp Lite N201-010-OR).....	22.49	
27 29 00 00-1328 EA 10' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Purple (Tripp Lite N201-010-PU).....	22.49	
27 29 00 00-1329 EA 10' Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-010-RD).....	22.49	
27 29 00 00-1330 EA 10' Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-010-WH).....	22.49	
27 29 00 00-1331 EA 10' Category 6 Gigabit Yellow Snagless Patch Cable RJ45 (Tripp Lite N201-010-YW).....	22.49	
27 29 00 00-1332 EA 12' Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Blue (Tripp Lite N201-012-BL).....	24.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-1333	EA	12'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Green (Tripp Lite N201-012-GN)	24.47	
27 29 00 00-1334	EA	14'	Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-014-BK)	28.45	
27 29 00 00-1335	EA	14'	Category 6 Gigabit Blue Snagless Patch Cable RJ45 (Tripp Lite N201-014-BL)	28.45	
27 29 00 00-1336	EA	14'	Category 6 Gigabit Green Snagless Patch Cable RJ45M/M (Tripp Lite N201-014-GN)	28.45	
27 29 00 00-1337	EA	14'	Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-014-GY)	28.45	
27 29 00 00-1338	EA	14'	Category 6 Gigabit Orange Snagless Patch Cable RJ45 (Tripp Lite N201-014-OR)	28.45	
27 29 00 00-1339	EA	14'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Purple (Tripp Lite N201-014-PU)	28.45	
27 29 00 00-1340	EA	14'	Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-014-RD)	28.45	
27 29 00 00-1341	EA	14'	Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-014-WH)	28.45	
27 29 00 00-1342	EA	14'	Category 6 Gigabit Yellow Snagless Patch Cable RJ45 (Tripp Lite N201-014-YW)	28.45	
27 29 00 00-1343	EA	15'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Black (Tripp Lite N201-015-BK)	28.45	
27 29 00 00-1344	EA	15'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Blue (Tripp Lite N201-015-BL)	28.45	
27 29 00 00-1345	EA	15'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Green (Tripp Lite N201-015-GN)	28.45	
27 29 00 00-1346	EA	15'	Category 6 Gigabit Snagless Molded Patch Cable (RJ45 M/M) Gray (Tripp Lite N201-015-GY)	28.45	
27 29 00 00-1347	EA	15'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Red (Tripp Lite N201-015-RD)	28.45	
27 29 00 00-1348	EA	15'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M White (Tripp Lite N201-015-WH)	28.45	
27 29 00 00-1349	EA	15'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M YLW (Tripp Lite N201-015-YW)	28.45	
27 29 00 00-1350	EA	20'	Category 6 Gigabit Black Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-BK)	34.15	
27 29 00 00-1351	EA	20'	Category 6 Gigabit Blue Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-BL)	34.15	
27 29 00 00-1352	EA	20'	Category 6 Gigabit Green Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-GN)	34.15	
27 29 00 00-1353	EA	20'	Category 6 Gigabit Gray Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-GY)	34.15	
27 29 00 00-1354	EA	20'	Category 6 Gigabit Orange Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-OR)	34.15	
27 29 00 00-1355	EA	20'	Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-RD)	34.15	
27 29 00 00-1356	EA	20'	Category 6 Gigabit White Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-WH)	34.15	
27 29 00 00-1357	EA	20'	Category 6 Gigabit Yellow Snagless Patch Cable RJ45M/M (Tripp Lite N201-020-YW)	34.15	
27 29 00 00-1358	EA	25'	Category 6 Gigabit Black Snagless Patch Cable RJ45 (Tripp Lite N201-025-BK)	39.84	
27 29 00 00-1359	EA	25'	Category 6 550MHz Blue Molded Snagless Patch Cable, RJ45M/M (Tripp Lite N201-025-BL)	39.84	
27 29 00 00-1360	EA	25'	Category 6 Gigabit Blue Flat Snagless Patch Cable, RJ45 M/M (Tripp Lite N201-025-BL-FL)	54.08	
27 29 00 00-1361	EA	25'	Category 6 Gigabit Green Snagless Patch Cable RJ45 (Tripp Lite N201-025-GN)	39.84	
27 29 00 00-1362	EA	25'	Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-025-GY)	39.84	
27 29 00 00-1363	EA	25'	Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-025-OR)	39.84	
27 29 00 00-1364	EA	25'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Purple (Tripp Lite N201-025-PU)	39.84	
27 29 00 00-1365	EA	25'	Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-025-RD)	39.84	
27 29 00 00-1366	EA	25'	Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-025-WH)	39.84	
27 29 00 00-1367	EA	25'	Category 6 Gigabit Yellow Snagless Patch Cable RJ45 (Tripp Lite N201-025-YW)	39.84	
27 29 00 00-1368	EA	30'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Black (Tripp Lite N201-030-BK)	45.82	
27 29 00 00-1369	EA	30'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Blue (Tripp Lite N201-030-BL)	45.82	
27 29 00 00-1370	EA	30'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Gray (Tripp Lite N201-030-GY)	45.82	
27 29 00 00-1371	EA	35'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Blue (Tripp Lite N201-035-BL)	52.94	
27 29 00 00-1372	EA	50'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Black (Tripp Lite N201-050-BK)	73.99	
27 29 00 00-1373	EA	50'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Blue (Tripp Lite N201-050-BL)	73.99	
27 29 00 00-1374	EA	50'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Green (Tripp Lite N201-050-GN)	73.99	
27 29 00 00-1375	EA	50'	Category 6 Gigabit Gray Snagless Patch Cable RJ45 (Tripp Lite N201-050-GY)	73.99	
27 29 00 00-1376	EA	50'	Category 6 Gray Gigabit Plenum Snagless Patch Cable (Tripp Lite N201-050-GY-P)	256.13	
27 29 00 00-1377	EA	50'	Category 6 Gigabit Red Snagless Patch Cable RJ45M/M (Tripp Lite N201-050-RD)	73.99	
27 29 00 00-1378	EA	50'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M White (Tripp Lite N201-050-WH)	73.99	
27 29 00 00-1379	EA	50'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M YLW (Tripp Lite N201-050-YW)	73.99	
27 29 00 00-1380	EA	75'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M Gray (Tripp Lite N201-075-GY)	108.13	
27 29 00 00-1381	EA	100'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M BLK (Tripp Lite N201-100-BK)	147.97	
27 29 00 00-1382	EA	100'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M BLU (Tripp Lite N201-100-BL)	147.97	
27 29 00 00-1383	EA	100'	Category 6 Gray Gigabit Plenum Snagless Patch Cable (Tripp Lite N201-100-GY-P)	512.25	
27 29 00 00-1384	EA	125'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M PRP (Tripp Lite N201-125-PU)	176.44	
27 29 00 00-1385	EA	150'	Category 6 Gigabit Snagless Molded Patch Cable RJ45 M/M PRP (Tripp Lite N201-150-PU)	216.29	
27 29 00 00-1386	EA	25'	Category 6 Gigabit Solid Conductor Patch Cable (RJ45 M/M) Blue (Tripp Lite N202-025-BL)	50.09	
27 29 00 00-1387	EA	50'	Category 6 Gigabit Solid Conductor Patch Cable (RJ45 M/M) Blue (Tripp Lite N202-050-BL)	79.68	
27 29 00 00-1388	EA	75'	Category 6 Gigabit Solid Conductor Patch Cable (RJ45 M/M) Blue (Tripp Lite N202-075-BL)	108.13	
27 29 00 00-1389	EA	100'	Category 6 Gigabit Solid Conductor Patch Cable (RJ45 M/M) Blue (Tripp Lite N202-100-BL)	153.67	
27 29 00 00-1390	EA	125'	Category 6 Blue Solid Conductor 4 Pair Snagless Patch Cable (Tripp Lite N202-125-BL)	182.14	
27 29 00 00-1391	EA	150'	Category 6 Gigabit Solid Conductor Patch Cable (RJ45 M/M) Blue (Tripp Lite N202-150-BL)	221.98	
27 29 00 00-1392	EA	175'	Category 6 Gig Solid Conductor Patch Cable RJ45 M/M Blue (Tripp Lite N202-175-BL)	250.43	
27 29 00 00-1393	EA	200'	Category 6 Gigabit Solid Conductor Patch Cable (RJ45 M/M) Blue (Tripp Lite N202-200-BL)	295.97	
27 29 00 00-1394	EA	3'	Category 6 Gigabit Right Angle Dwn to Straight Patch Cable Blue (Tripp Lite N204-003-BL-DN)	19.93	
27 29 00 00-1395	EA	3'	Category 6 Gigabit Left Angle to Straight Patch Cable Blue (Tripp Lite N204-003-BL-LA)	19.93	
27 29 00 00-1396	EA	3'	Category 6 Gigabit Right Angle to Straight Patch Cable Blue (Tripp Lite N204-003-BL-RA)	19.93	
27 29 00 00-1397	EA	3'	Category 6 Gigabit Up Angle to Straight Patch Cable Blue (Tripp Lite N204-003-BL-UP)	19.93	
27 29 00 00-1398	EA	5'	Category 6 Gigabit Right Angle Dwn to Straight Patch Cable Blue (Tripp Lite N204-005-BL-DN)	25.60	
27 29 00 00-1399	EA	5'	Category 6 Gigabit Left Angle to Straight Patch Cable Blue (Tripp Lite N204-005-BL-LA)	25.60	
27 29 00 00-1400	EA	5'	Category 6 Gigabit Right Angle to Straight Patch Cable Blue (Tripp Lite N204-005-BL-RA)	25.60	
27 29 00 00-1401	EA	5'	Category 6 Gigabit Up Angle to Straight Patch Cable Blue (Tripp Lite N204-005-BL-UP)	25.60	
27 29 00 00-1402	EA	10'	Category 6 Gig Right Angle Down to Straight Patch Cable Blue (Tripp Lite N204-010-BL-DN)	31.30	
27 29 00 00-1403	EA	10'	Category 6 Gigabit Left Angle to Straight Patch Cable Blue (Tripp Lite N204-010-BL-LA)	31.30	
27 29 00 00-1404	EA	10'	Category 6 Gigabit Right Angle to Straight Patch Cable Blue (Tripp Lite N204-010-BL-RA)	31.30	
27 29 00 00-1405	EA	10'	Category 6 Gigabit Up Angle to Straight Patch Cable Blue (Tripp Lite N204-010-BL-UP)	31.30	
27 29 00 00-1406	EA	7'	Category 6 Gigabit Gray Cross-over Patch Cable RJ45M/M (Tripp Lite N210-007-GY)	17.93	
27 29 00 00-1407	EA	10'	Category 6 Gigabit Gray Cross-over Patch Cable RJ45M/M (Tripp Lite N210-010-GY)	22.49	
27 29 00 00-1408	EA	1,000'	Category 6 Gigabit Bulk Solid Blue Polyvinyl Chloride (PVC) Cable (Tripp Lite N222-01K-BL)	1,052.93	
27 29 00 00-1409	EA	1,000'	Category 6 Gigabit Bulk Solid Gray Polyvinyl Chloride (PVC) Cable (Tripp Lite N222-01K-GY)	1,052.93	
27 29 00 00-1410	EA	1,000'	Category 6 Gigabit Bulk Solid Plenum Cable (Tripp Lite N224-01K-GY)	2,589.67	
27 29 00 00-1411	EA	100PK	Category 6 RJ45 Modular Connector Plug Solid / Stranded RND (Tripp Lite N230-100)	227.65	
27 29 00 00-1412	EA	Category 6	Straight-thru Snap-in Black Coupler - RJ45F/F (Tripp Lite N235-001)	68.29	
27 29 00 00-1413	EA	Category 6	Straight Modular In-Line Snap-In Coupler RJ45 F/F TAA GSA (Tripp Lite N235-001-SH)	79.68	
27 29 00 00-1414	EA	Category 6/5E	Blue Wallplate Keystone Jack, Punch-Down/RJ45 F (Tripp Lite N238-001-BL)	14.50	
27 29 00 00-1415	EA	Category 6/5E	Green Wallplate Keystone Jack, Punch-Down/RJ45 F (Tripp Lite N238-001-GN)	14.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-1416 EA Category 6/5E Red Wallplate Keystone Jack, Punch-Down/RJ45 F (Tripp Lite N238-001-RD).....	14.50	
27 29 00 00-1417 EA Category 6/5E White Wallplate Keystone Jack, Punch-Down/RJ45 F (Tripp Lite N238-001-WH).....	14.50	
27 29 00 00-1418 EA Category 6/5E 110 Style Punch Down Keystone Jack White TAA / GSA (Tripp Lite N238-001-WH-TF)	19.93	
27 29 00 00-1419 EA Category 6/5E Yellow Wallplate Keystone Jack, Punch-Down/RJ45 F (Tripp Lite N238-001-YW).....	14.50	
27 29 00 00-1420 EA Category 6 Wall Mount Feedthrough Patch Panel -12 Port (Tripp Lite N250-012)	204.90	
27 29 00 00-1421 EA 24-Port Category 6/5E Low Profile Wallmount Patch Panel 1U TAA (Tripp Lite N250-024-LP)	1,252.16	
27 29 00 00-1422 EA Category 6 Patch Panel 568B - 12 Port (Tripp Lite N252-012).....	199.20	
27 29 00 00-1423 EA Category 6 Patch Panel 568B - 24 Port (Tripp Lite N252-024).....	358.56	
27 29 00 00-1424 EA 24-Port Category 6 0.5U RM Patch Panel 568A/B TAA / GSA (Tripp Lite N252-024-HU).....	654.53	
27 29 00 00-1425 EA 24-Port Category 6 Keystone Type V-Shaped Patch Panel TAA / GSA (Tripp Lite N252-024-V)	1,252.16	
27 29 00 00-1426 EA Category 6 Patch Panel 568B - 48 Port (Tripp Lite N252-048).....	682.98	
27 29 00 00-1427 EA Category 6 1U Patch Panel 568B - 110 Punchdown to RJ45 Female - 48 Port (Tripp Lite N252-048-1U).....	1,252.16	
27 29 00 00-1428 EA Category 6 Feedthrough Patch Panel, 1U - 24 Port (Tripp Lite N254-024)	1,195.23	
27 29 00 00-1429 EA 24-Port Shielded Category 6 Feed Through Patch Panel TAA GSA (Tripp Lite N254-024-SH)	1,508.26	
27 29 00 00-1430 EA 7' Augmented Category 6A Snagless 10G Aqua Certified Patch Cable RJ45 (Tripp Lite N261-007-AQ).....	39.84	
27 29 00 00-1431 EA 14' Augmented Category 6A Snagless 10G Aqua Certified Patch Cable RJ45 (Tripp Lite N261-014-AQ).....	73.99	
27 29 00 00-1432 EA 25' Augmented Category 6A Snagless 10G Aqua Certified Patch Cable RJ45 (Tripp Lite N261-025-AQ).....	113.83	
27 29 00 00-1433 EA 10Gbps CX4 Cable - 1M(3') (Tripp Lite N263-01M).....	512.25	
27 29 00 00-1434 EA 10Gb CX4 Cable, 2M (Tripp Lite N263-02M).....	569.15	
27 29 00 00-1435 EA 10Gbps CX4 Cable - 3M (10') (Tripp Lite N263-03M).....	626.08	
27 29 00 00-1436 EA 10Gb CX4 Cable, 5M (Tripp Lite N263-05M).....	825.28	
27 29 00 00-1437 EA 10Gbps CX4 Cable - 20" (Tripp Lite N263-20I)	489.47	
27 29 00 00-1438 EA T1 RJ48 Patch Cable - Straight - RJ45 M/M - 3ft (Tripp Lite N265-003).....	73.99	
27 29 00 00-1439 EA T1 RJ48 Patch Cable - Straight - RJ45 M/M - 5ft (Tripp Lite N265-005).....	85.38	
27 29 00 00-1440 EA T1 RJ48 Patch Cable - Straight - RJ45 M/M - 7ft (Tripp Lite N265-007).....	96.76	
27 29 00 00-1441 EA T1 RJ48 Patch Cable - Straight - RJ45 M/M - 10ft (Tripp Lite N265-010).....	113.83	
27 29 00 00-1442 EA T1 RJ48 Patch Cable - Crossover - RJ45 M/M - 3ft (Tripp Lite N266-003).....	73.99	
27 29 00 00-1443 EA T1 RJ48 Patch Cable - Crossover - RJ45 M/M - 5ft (Tripp Lite N266-005).....	85.38	
27 29 00 00-1444 EA T1 RJ48 Patch Cable - Crossover - RJ45 M/M - 7ft (Tripp Lite N266-007).....	96.76	
27 29 00 00-1445 EA T1 RJ48 Patch Cable - Crossover - RJ45 M/M - 10ft (Tripp Lite N266-010).....	113.83	
27 29 00 00-1446 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable ST/ST - 1M (3') (Tripp Lite N302-003).....	34.66	
27 29 00 00-1447 EA Duplex Multimode 62.5/125 Fiber Patch Cable ST/ST - 6' (Tripp Lite N302-006).....	37.96	
27 29 00 00-1448 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable ST/ST - 3M (10') (Tripp Lite N302-010)	39.61	
27 29 00 00-1449 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable ST/ST - 5M (16') (Tripp Lite N302-05M).....	49.52	
27 29 00 00-1450 EA Duplex Multimode 62.5/125 Fiber Patch Cbl ST/ST - 6M (20ft) (Tripp Lite N302-06M).....	46.22	
27 29 00 00-1451 EA Duplex Multimode 62.5/125 Fiber Patch Cbl ST/ST - 8M (25ft) (Tripp Lite N302-08M).....	59.42	
27 29 00 00-1452 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable ST/ST - 10M (33') (Tripp Lite N302-10M).....	66.02	
27 29 00 00-1453 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable ST/ST - 15M (50') (Tripp Lite N302-15M).....	79.23	
27 29 00 00-1454 EA Duplex Multimode 62.5/125 Fiber Patch Cbl ST/ST - 18M (60ft) (Tripp Lite N302-18M).....	82.53	
27 29 00 00-1455 EA Duplex Multimode 62.5/125 Fiber Patch Cbl ST/ST - 23M (75ft) (Tripp Lite N302-23M).....	99.03	
27 29 00 00-1456 EA Duplex Multimode 62.5/125 Fiber Patch Cbl ST/ST - 30M (100ft) (Tripp Lite N302-30M)	132.04	
27 29 00 00-1457 EA 50M Duplex Multimode Fiber 62.5/125 Patch Cable ST/ST 164ft (Tripp Lite N302-50M).....	211.27	
27 29 00 00-1458 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/ST - 1M (3') (Tripp Lite N304-003).....	33.01	
27 29 00 00-1459 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/ST - 1.2M (4') (Tripp Lite N304-004).....	31.36	
27 29 00 00-1460 EA Duplex Multimode 62.5/125 Fiber Patch Cable SC/ST - 6' (Tripp Lite N304-006)	36.31	
27 29 00 00-1461 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/ST - 2.4M (8ft) (Tripp Lite N304-008).....	36.31	
27 29 00 00-1462 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/ST - 3M (10') (Tripp Lite N304-010).....	39.61	
27 29 00 00-1463 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/ST - 7.5M (25') (Tripp Lite N304-025).....	49.52	
27 29 00 00-1464 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/ST - 5M (16') (Tripp Lite N304-05M).....	42.91	
27 29 00 00-1465 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/ST - 6M (20') (Tripp Lite N304-06M).....	46.22	
27 29 00 00-1466 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/ST - 9M (30ft) (Tripp Lite N304-09M).....	52.82	
27 29 00 00-1467 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/ST - 10M (30ft - 33ft) (Tripp Lite N304-10M)	56.12	
27 29 00 00-1468 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/ST - 11M (35ft) (Tripp Lite N304-11M).....	56.12	
27 29 00 00-1469 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/ST - 15M (50ft) (Tripp Lite N304-15M).....	72.62	
27 29 00 00-1470 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/ST - 23M (75ft) (Tripp Lite N304-23M).....	82.53	
27 29 00 00-1471 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/ST - 30M (100ft) (Tripp Lite N304-30M).....	95.73	
27 29 00 00-1472 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 0.3M (1') (Tripp Lite N306-001)	33.01	
27 29 00 00-1473 EA 0.6m Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC (Tripp Lite N306-002)	34.66	
27 29 00 00-1474 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 1M (3') (Tripp Lite N306-003).....	33.01	
27 29 00 00-1475 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 1.2M (4') (Tripp Lite N306-004)	41.26	
27 29 00 00-1476 EA Duplex Multimode 62.5/125 Fiber Patch Cable SC/SC - 6' (Tripp Lite N306-006).....	36.31	
27 29 00 00-1477 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 3M (10') (Tripp Lite N306-010)	39.61	
27 29 00 00-1478 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 4M (13ft) (Tripp Lite N306-04M)	42.91	
27 29 00 00-1479 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 5M (16') (Tripp Lite N306-05M).....	46.22	
27 29 00 00-1480 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 7M (23') (Tripp Lite N306-07M)	52.82	
27 29 00 00-1481 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 8M (26') (Tripp Lite N306-08M).....	56.12	
27 29 00 00-1482 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable SC/SC - 9M (30') (Tripp Lite N306-09M).....	59.42	
27 29 00 00-1483 EA 100M Duplex Multimode Fiber 62.5/125 Patch Cable SC/SC 328ft (Tripp Lite N306-100M).....	313.61	
27 29 00 00-1484 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 12M (40ft) (Tripp Lite N306-12M).....	69.32	
27 29 00 00-1485 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 15M (50ft) (Tripp Lite N306-15M).....	82.53	
27 29 00 00-1486 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 23M (75ft) (Tripp Lite N306-23M).....	99.03	
27 29 00 00-1487 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 25M (80ft) (Tripp Lite N306-25M).....	108.94	
27 29 00 00-1488 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 30M (100ft) (Tripp Lite N306-30M).....	122.14	
27 29 00 00-1489 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 46M (150ft) (Tripp Lite N306-46M).....	148.55	
27 29 00 00-1490 EA Duplex Multimode 62.5/125 Fiber Patch Cbl SC/SC - 60M (200ft) (Tripp Lite N306-60M).....	207.97	
27 29 00 00-1491 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/ST - 1M (3') (Tripp Lite N308-003).....	33.01	
27 29 00 00-1492 EA Duplex Multimode 62.5/125 Fiber Patch Cable MTRJ/ST - 6' (Tripp Lite N308-006).....	36.31	
27 29 00 00-1493 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/ST - 3M (10') (Tripp Lite N308-010).....	39.61	
27 29 00 00-1494 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/ST - 5M (16') (Tripp Lite N308-05M).....	42.91	
27 29 00 00-1495 EA Duplex Multimode 62.5/125 Fiber Patch Cbl MTRJ/ST - 8M (25ft) (Tripp Lite N308-08M).....	49.52	
27 29 00 00-1496 EA Duplex Multimode 62.5/125 Fiber Patch Cbl MTRJ/ST - 15M (50ft) (Tripp Lite N308-15M).....	66.02	
27 29 00 00-1497 EA Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/SC - 1M (3') (Tripp Lite N310-003).....	39.61	
27 29 00 00-1498 EA Duplex Multimode 62.5/125 Fiber Patch Cable MTRJ/SC - 6' (Tripp Lite N310-006).....	39.61	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-1499	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/SC - 3M (10') (Tripp Lite N310-010)	42.91	
27 29 00 00-1500	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/SC - 5M (16') (Tripp Lite N310-05M)	46.22	
27 29 00 00-1501	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl MTRJ/SC - 8M (25ft) (Tripp Lite N310-08M)	49.52	
27 29 00 00-1502	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl MTRJ/SC - 11M (35ft) (Tripp Lite N310-11M)	56.12	
27 29 00 00-1503	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/ST - 15M (50') (Tripp Lite N310-15M)	69.32	
27 29 00 00-1504	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl MTRJ/SC - 30M (100ft) (Tripp Lite N310-30M)	95.73	
27 29 00 00-1505	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/MTRJ- 1M (3') (Tripp Lite N312-01M)	36.31	
27 29 00 00-1506	EA	Duplex Multimode 62.5/125 Fiber Patch Cable MTRJ/MTRJ - 2M (Tripp Lite N312-02M)	39.61	
27 29 00 00-1507	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/MTRJ- 3M (10') (Tripp Lite N312-03M)	42.91	
27 29 00 00-1508	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/MTRJ - 5M (15') (Tripp Lite N312-05M)	46.22	
27 29 00 00-1509	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/LC - 1M (3') (Tripp Lite N314-01M)	52.82	
27 29 00 00-1510	EA	Duplex Multimode 62.5/125 Fiber Patch Cable MTRJ/LC - 2M (Tripp Lite N314-02M)	56.12	
27 29 00 00-1511	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/LC - 3M (10') (Tripp Lite N314-03M)	59.42	
27 29 00 00-1512	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable MTRJ/LC - 5M (16') (Tripp Lite N314-05M)	66.02	
27 29 00 00-1513	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl MTRJ/LC - 9M (30ft) (Tripp Lite N314-09M)	69.32	
27 29 00 00-1514	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl MTRJ/LC - 15M (50ft) (Tripp Lite N314-15M)	85.83	
27 29 00 00-1515	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 1M (3') (Tripp Lite N316-01M)	46.22	
27 29 00 00-1516	EA	Duplex Multimode 62.5/125 Fiber Patch Cable LC/SC - 2M (Tripp Lite N316-02M)	49.52	
27 29 00 00-1517	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 3M (10') (Tripp Lite N316-03M)	52.82	
27 29 00 00-1518	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 4M (13') (Tripp Lite N316-04M)	56.12	
27 29 00 00-1519	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 5M (15') (Tripp Lite N316-05M)	59.42	
27 29 00 00-1520	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 6M (20') (Tripp Lite N316-06M)	62.72	
27 29 00 00-1521	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 7M (23') (Tripp Lite N316-07M)	66.02	
27 29 00 00-1522	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 10M (33') (Tripp Lite N316-10M)	72.62	
27 29 00 00-1523	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 13M (40') (Tripp Lite N316-13M)	82.53	
27 29 00 00-1524	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 15M (50') (Tripp Lite N316-15M)	92.43	
27 29 00 00-1525	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/SC - 20M (65') (Tripp Lite N316-20M)	102.33	
27 29 00 00-1526	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/SC - 21M (70ft) (Tripp Lite N316-21M)	108.94	
27 29 00 00-1527	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/SC - 25M (80ft) (Tripp Lite N316-25M)	115.54	
27 29 00 00-1528	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/SC - 30M (100ft) (Tripp Lite N316-30M)	122.14	
27 29 00 00-1529	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/SC - 76M (250ft) (Tripp Lite N316-76M)	198.07	
27 29 00 00-1530	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/ST - 1M (3') (Tripp Lite N318-01M)	49.52	
27 29 00 00-1531	EA	Duplex Multimode 62.5/125 Fiber Patch Cable LC/ST - 2M (Tripp Lite N318-02M)	54.47	
27 29 00 00-1532	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/ST - 3M (10') (Tripp Lite N318-03M)	56.12	
27 29 00 00-1533	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/ST - 5M (15') (Tripp Lite N318-05M)	59.42	
27 29 00 00-1534	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/ST- 6M (Tripp Lite N318-06M)	62.72	
27 29 00 00-1535	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/ST - 7M (23') (Tripp Lite N318-07M)	66.02	
27 29 00 00-1536	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/ST - 8M (25ft) (Tripp Lite N318-08M)	69.32	
27 29 00 00-1537	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/ST - 9M (30ft) (Tripp Lite N318-09M)	72.62	
27 29 00 00-1538	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/ST - 10M (33') (Tripp Lite N318-10M)	79.23	
27 29 00 00-1539	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/ST - 15M (50ft) (Tripp Lite N318-15M)	92.43	
27 29 00 00-1540	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/ST - 20M (65ft) (Tripp Lite N318-20M)	102.33	
27 29 00 00-1541	EA	Duplex Multimode 62.5/125 Fiber Patch Cbl LC/ST - 30M (100ft) (Tripp Lite N318-30M)	118.84	
27 29 00 00-1542	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 1' (Tripp Lite N320-001)	54.47	
27 29 00 00-1543	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 1M (3') (Tripp Lite N320-01M)	56.12	
27 29 00 00-1544	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable(Red) LC/LC - 1M (3') (Tripp Lite N320-01M-RD)	56.12	
27 29 00 00-1545	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 2M (6') (Tripp Lite N320-02M)	59.42	
27 29 00 00-1546	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable(Red) LC/LC - 2M (6') (Tripp Lite N320-02M-RD)	59.42	
27 29 00 00-1547	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 3M (10') (Tripp Lite N320-03M)	62.72	
27 29 00 00-1548	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable(Red) LC/LC - 3M (10') (Tripp Lite N320-03M-RD)	62.72	
27 29 00 00-1549	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 4M (13') (Tripp Lite N320-04M)	66.02	
27 29 00 00-1550	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 5M (16') (Tripp Lite N320-05M)	66.02	
27 29 00 00-1551	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable(Red) LC/LC - 5M (16') (Tripp Lite N320-05M-RD)	66.02	
27 29 00 00-1552	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 6M (20') (Tripp Lite N320-06M)	72.62	
27 29 00 00-1553	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 7M (23') (Tripp Lite N320-07M)	75.93	
27 29 00 00-1554	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 10M (33') (Tripp Lite N320-10M)	82.53	
27 29 00 00-1555	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable(Red) LC/LC - 10M (33') (Tripp Lite N320-10M-RD)	79.23	
27 29 00 00-1556	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 15M (16') (Tripp Lite N320-15M)	95.73	
27 29 00 00-1557	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable(Red) LC/LC - 15M (50') (Tripp Lite N320-15M-RD)	89.13	
27 29 00 00-1558	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 20M (65') (Tripp Lite N320-20M)	112.24	
27 29 00 00-1559	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable(Red) LC/LC - 20 (65') (Tripp Lite N320-20M-RD)	105.64	
27 29 00 00-1560	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 21M (70') (Tripp Lite N320-21M)	102.33	
27 29 00 00-1561	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 25M (80') (Tripp Lite N320-25M)	125.44	
27 29 00 00-1562	EA	30M Duplex MMF 62.5/125 Patch Cable (LC/LC) 100ft (Tripp Lite N320-30M)	145.25	
27 29 00 00-1563	EA	405ft Duplex Multimode Fiber 62.5/125 Patch Cable LC/LC 405' (Tripp Lite N320-405)	495.17	
27 29 00 00-1564	EA	Duplex Multimode 62.5/125 Fiber Optic Patch Cable LC/LC - 46M (150') (Tripp Lite N320-46M)	155.15	
27 29 00 00-1565	EA	61M Duplex Multimode Fiber 62.5/125 Patch Cable LC/LC 200ft (Tripp Lite N320-61M)	468.76	
27 29 00 00-1566	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl ST/ST - 1M (3ft) (Tripp Lite N352-01M)	56.12	
27 29 00 00-1567	EA	Duplex Singlemode 8.3/125 Fiber Optic Patch Cable ST/ST - 2M (6') (Tripp Lite N352-02M)	59.42	
27 29 00 00-1568	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl ST/ST - 3M (10ft) (Tripp Lite N352-03M)	62.72	
27 29 00 00-1569	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl ST/ST - 5M (15ft) (Tripp Lite N352-05M)	69.32	
27 29 00 00-1570	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl ST/ST - 9M (30ft) (Tripp Lite N352-09M)	72.62	
27 29 00 00-1571	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl ST/ST - 15M (50ft) (Tripp Lite N352-15M)	89.13	
27 29 00 00-1572	EA	Duplex Singlemode 8.3/125 Fiber Optic Patch Cable SC/ST - 1M (3') (Tripp Lite N354-01M)	62.72	
27 29 00 00-1573	EA	Duplex Singlemode 8.3/125 Fiber Optic Patch Cable SC/ST - 2M (6') (Tripp Lite N354-02M)	66.02	
27 29 00 00-1574	EA	Duplex Singlemode 8.3/125 Fiber Optic Patch Cable SC/ST - 3M (10') (Tripp Lite N354-03M)	69.32	
27 29 00 00-1575	EA	Duplex Singlemode 8.3/125 Fiber Patch Cable SC/ST - 5M (Tripp Lite N354-05M)	75.93	
27 29 00 00-1576	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl SC/ST - 9M (30ft) (Tripp Lite N354-09M)	85.83	
27 29 00 00-1577	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl SC/ST - 15M (50ft) (Tripp Lite N354-15M)	99.03	
27 29 00 00-1578	EA	Duplex Singlemode 8.3/125 Fiber Patch Cable SC/SC - 1M (Tripp Lite N356-01M)	69.32	
27 29 00 00-1579	EA	Duplex Singlemode 8.3/125 Fiber Optic Patch Cable SC/SC - 2M (6') (Tripp Lite N356-02M)	72.62	
27 29 00 00-1580	EA	Duplex Singlemode 8.3/125 Fiber Optic Patch Cable SC/SC - 3M (10') (Tripp Lite N356-03M)	75.93	
27 29 00 00-1581	EA	Duplex Singlemode 8.3/125 Fiber Patch Cbl SC/SC - 5M (15ft) (Tripp Lite N356-05M)	82.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-1582	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl SC/SC - 6M (20ft) (Tripp Lite N356-06M).....	82.53	
27 29 00 00-1583	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable SC/SC - 9M (30 ft.) (Tripp Lite N356-09M)	92.43	
27 29 00 00-1584	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl SC/SC - 10M (Tripp Lite N356-10M)	92.43	
27 29 00 00-1585	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl SC/SC - 15M (50ft) (Tripp Lite N356-15M).....	105.64	
27 29 00 00-1586	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl SC/SC - 30M (100ft) (Tripp Lite N356-30M).....	138.65	
27 29 00 00-1587	EA		Duplex Singlemode 8.3/125 Fiber Patch Cable LC/SC - 1M (Tripp Lite N366-01M).....	66.02	
27 29 00 00-1588	EA		Duplex Singlemode 8.3/125 Angle Polished Fiber Optic Patch Cable - 1m (3ft) (Tripp Lite N366-01M-AP).....	108.94	
27 29 00 00-1589	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/SC - 2M (6') (Tripp Lite N366-02M)	66.02	
27 29 00 00-1590	EA		Duplex Singlemode Fiber Patch Cable 8.3/125 LC to SC - APC 6ft (Tripp Lite N366-02M-AP)	113.89	
27 29 00 00-1591	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl LC/SC - 3M (10ft) (Tripp Lite N366-03M)	69.32	
27 29 00 00-1592	EA		Duplex Singlemode 8.3/125 Angle Polished Fiber Optic Patch Cable - 3m (10ft) (Tripp Lite N366-03M-AP).....	118.84	
27 29 00 00-1593	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/SC - 5M (16') (Tripp Lite N366-05M)	79.23	
27 29 00 00-1594	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/SC - 10M (33') (Tripp Lite N366-10M)	89.13	
27 29 00 00-1595	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl LC/SC - 15M (50ft) (Tripp Lite N366-15M)	99.03	
27 29 00 00-1596	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/SC - 25M (80') (Tripp Lite N366-25M)	115.54	
27 29 00 00-1597	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/ST - 1M (3') (Tripp Lite N368-01M).....	105.64	
27 29 00 00-1598	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/ST - 2M (6') (Tripp Lite N368-02M).....	108.94	
27 29 00 00-1599	EA		3M Duplex Singlemode 8.3/125 Patch Cable LC/ST 10ft (Tripp Lite N368-03M)	112.24	
27 29 00 00-1600	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/ST - 5M (15') (Tripp Lite N368-05M).....	115.54	
27 29 00 00-1601	EA		Duplex Singlemode 8.3/125 Fiber Optic Plenum Rated Patch Cable LC/ST - 5m (16ft) (Tripp Lite N368-05M-P).....	198.07	
27 29 00 00-1602	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/ST - 7M (23') (Tripp Lite N368-07M).....	118.84	
27 29 00 00-1603	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/ST - 10M (33') (Tripp Lite N368-10M)	125.44	
27 29 00 00-1604	EA		15M Duplex Singlemode 8.3/125 Patch Cable LC/ST 50ft (Tripp Lite N368-15M)	138.65	
27 29 00 00-1605	EA		20M Duplex Singlemode 8.3/125 Patch Cable LC/ST 66ft (Tripp Lite N368-20M)	148.55	
27 29 00 00-1606	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/ST - 30M (100') (Tripp Lite N368-30M).....	165.06	
27 29 00 00-1607	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl LC/LC - 1M (3ft) (Tripp Lite N370-01M).....	95.73	
27 29 00 00-1608	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/LC - 2M (6') (Tripp Lite N370-02M).....	99.03	
27 29 00 00-1609	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl LC/LC - 3M (10ft) (Tripp Lite N370-03M).....	102.33	
27 29 00 00-1610	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/LC - 5M (16') (Tripp Lite N370-05M).....	108.94	
27 29 00 00-1611	EA		Duplex Singlemode 8.3/125 Fiber Patch Cbl LC/LC - 10M (30ft - 33ft) (Tripp Lite N370-10M)	115.54	
27 29 00 00-1612	EA		15 Meter Duplex Singlemode Fiber Patch Cable 8.3/125 LC/LC 50ft (Tripp Lite N370-15M)	122.14	
27 29 00 00-1613	EA		Duplex Singlemode 8.3/125 Fiber Optic Patch Cable LC/FC - 2M (6') (Tripp Lite N378-02M)	99.03	
27 29 00 00-1614	EA		Fiber Optic Mode Conditioning patch cable ST-SC - 3M (Tripp Lite N420-03M)	280.60	
27 29 00 00-1615	EA		Fiber Optic Mode Conditioning Patch Cable ST-LC - 1M (3') (Tripp Lite N422-01M)	330.11	
27 29 00 00-1616	EA		Fiber Optic Mode Conditioning Patch Cable ST-LC - 2M (6') (Tripp Lite N422-02M)	363.12	
27 29 00 00-1617	EA		Fiber Optic Mode Conditioning Patch Cable ST-LC - 3M (10') (Tripp Lite N422-03M)	396.13	
27 29 00 00-1618	EA		Fiber Optic Mode Conditioning Patch Cable ST-LC - 10M (33') (Tripp Lite N422-10M)	429.15	
27 29 00 00-1619	EA		Fiber Optic Mode Conditioning Patch Cable SC-LC - 1M (3') (Tripp Lite N424-01M)	297.10	
27 29 00 00-1620	EA		Fiber Optic Mode Conditioning Patch Cable SC-LC - 4M (13') (Tripp Lite N424-04M)	330.11	
27 29 00 00-1621	EA		Fiber Optic Mode Conditioning Patch Cable SC-LC - 5M (16') (Tripp Lite N424-05M)	363.12	
27 29 00 00-1622	EA		Fiber Optic Mode Conditioning Patch Cable SC-SC - 2M (6') (Tripp Lite N426-02M).....	231.08	
27 29 00 00-1623	EA		Fiber Optic Mode Conditioning Patch Cable SC-SC - 3M (10') (Tripp Lite N426-03M).....	247.58	
27 29 00 00-1624	EA		Fiber Optic Mode Conditioning Patch Cable SC-SC - 5M (16') (Tripp Lite N426-05M).....	280.60	
27 29 00 00-1625	EA		Duplex Multimode Fiber Coupler, SC/SC (Tripp Lite N452-000)	26.41	
27 29 00 00-1626	EA		Duplex Multimode Fiber Coupler, LC/LC (Tripp Lite N455-000)	26.41	
27 29 00 00-1627	EA		Dual Duplex Multimode Fiber Optic Coupler LC/LC (Tripp Lite N455-000-PM)	26.41	
27 29 00 00-1628	EA		Duplex Singlemode Fiber Coupler, LC/LC (Tripp Lite N455-000-S)	39.61	
27 29 00 00-1629	EA		Dual Duplex Singlemode Fiber Optic Coupler LC/LC (Tripp Lite N455-000-S-PM)	39.61	
27 29 00 00-1630	EA		Duplex Multimode Fiber Coupler, SC/ST (Tripp Lite N456-000).....	26.41	
27 29 00 00-1631	EA		Duplex Multimode 50/125 Fiber Adapter, LC-M/ST-F, 1' (Tripp Lite N457-001-50)	66.02	
27 29 00 00-1632	EA		Duplex Multimode 62.5/125 Fiber Adapter, LC-M/ST-F, 1' (Tripp Lite N457-001-62)	72.62	
27 29 00 00-1633	EA		Duplex Multimode 50/125 Fiber Adapter, LC-M/SC-F, 1' (Tripp Lite N458-001-50)	72.62	
27 29 00 00-1634	EA		Duplex Multimode 62.5/125 Fiber Adapter, LC-M/SC-F, 1' (Tripp Lite N458-001-62)	72.62	
27 29 00 00-1635	EA		1ft Duplex SMF 8.3/125 Adapter LC-Male/SC-Female 1' (Tripp Lite N458-001-9)	85.83	
27 29 00 00-1636	EA		Fiber Patch Panel, 1U, LC/LC - 16 Port (Tripp Lite N490-016-LCLC).....	462.16	
27 29 00 00-1637	EA		Fiber Patch Panel, 1U, MTRJ/MTRJ - 16 Port (Tripp Lite N490-016-MTRJ)	396.13	
27 29 00 00-1638	EA		Fiber Patch Panel, 1U, SC/SC - 16 Port (Tripp Lite N490-016-SCSC).....	462.16	
27 29 00 00-1639	EA		Fiber Patch Panel, 1U, ST/SC - 16 Port (Tripp Lite N490-016-STSC).....	396.13	
27 29 00 00-1640	EA		Fiber Patch Panel, 1U, ST/ST - 16 Port (Tripp Lite N490-016-STST).....	462.16	
27 29 00 00-1641	EA		Duplex Multimode 50/125 Fiber Patch Cbl SC/ST - 2M (6ft - 7ft) (Tripp Lite N504-02M)	46.22	
27 29 00 00-1642	EA		5M Duplex MMF 50/125 Patch Cable (SC/ST) 16ft (Tripp Lite N504-05M)	59.42	
27 29 00 00-1643	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable SC/SC - 1M (3') (Tripp Lite N506-01M)	49.52	
27 29 00 00-1644	EA		Multimode Duplex 50/125 Fiber Patch Cable SC/SC - 2M (Tripp Lite N506-02M)	56.12	
27 29 00 00-1645	EA		Multimode Duplex 50/125 Fibre Channel Patch Cable - SC/SC - 3M (Tripp Lite N506-03M).....	59.42	
27 29 00 00-1646	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable SC/SC - 5M (16') (Tripp Lite N506-05M)	66.02	
27 29 00 00-1647	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable SC/SC - 9M (30') (Tripp Lite N506-09M)	75.93	
27 29 00 00-1648	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable SC/SC - 10M (33') (Tripp Lite N506-10M)	79.23	
27 29 00 00-1649	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable SC/SC - 15M (16') (Tripp Lite N506-15M)	95.73	
27 29 00 00-1650	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable SC/SC - 30M (98') (Tripp Lite N506-30M)	141.95	
27 29 00 00-1651	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable SC/SC - 50M (164') (Tripp Lite N506-50M)	214.57	
27 29 00 00-1652	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable MTRJ/LC - 3M (10') (Tripp Lite N514-03M)	85.83	
27 29 00 00-1653	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/SC - 1M (3') (Tripp Lite N516-01M).....	59.42	
27 29 00 00-1654	EA		Multimode Duplex 50/125 Fiber Patch Cable LC/SC - 2M (Tripp Lite N516-02M).....	62.72	
27 29 00 00-1655	EA		Multimode Duplex 50/125 Fibre Channel Patch Cable - LC/SC - 3M (Tripp Lite N516-03M)	66.02	
27 29 00 00-1656	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/SC - 5M (16') (Tripp Lite N516-05M)	72.62	
27 29 00 00-1657	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/SC - 10M (33') (Tripp Lite N516-10M).....	92.43	
27 29 00 00-1658	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/SC - 15M (16') (Tripp Lite N516-15M).....	105.64	
27 29 00 00-1659	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/SC - 20M (65') (Tripp Lite N516-20M).....	122.14	
27 29 00 00-1660	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/SC - 30M (98') (Tripp Lite N516-30M).....	151.85	
27 29 00 00-1661	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/SC - 50M (164') (Tripp Lite N516-50M).....	221.18	
27 29 00 00-1662	EA		Duplex Multimode 50/125 Fiber Patch Cbl LC/ST - 1M (3ft) (Tripp Lite N518-01M).....	66.02	
27 29 00 00-1663	EA		Multimode Duplex 50/125 Fiber Optic Patch Cable LC/ST - 2M (6') (Tripp Lite N518-02M).....	69.32	
27 29 00 00-1664	EA		Duplex Multimode 50/125 Fiber Patch Cbl LC/ST - 3M (10ft) (Tripp Lite N518-03M).....	72.62	

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI UOM			

27 29 00 00-1665	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/ST - 5M (16') (Tripp Lite N518-05M)	75.93	
27 29 00 00-1666	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/ST - 10M (33') (Tripp Lite N518-10M)	95.73	
27 29 00 00-1667	EA	Duplex Multimode 50/125 Fiber Patch Cbl LC/ST - 20M (65ft) (Tripp Lite N518-20M)	125.44	
27 29 00 00-1668	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 1M (3') (Tripp Lite N520-01M)	75.93	
27 29 00 00-1669	EA	Multimode Duplex 50/125 Fiber Patch Cable LC/LC - 2M (Tripp Lite N520-02M)	79.23	
27 29 00 00-1670	EA	Multimode Duplex 50/125 Fibre Channel Patch Cable - LC/LC - 3M (Tripp Lite N520-03M)	82.53	
27 29 00 00-1671	EA	Multimode Duplex 50/125 Fiber Patch Cbl LC/LC- 4M (Tripp Lite N520-04M)	82.53	
27 29 00 00-1672	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 5M (16') (Tripp Lite N520-05M)	92.43	
27 29 00 00-1673	EA	6 Meter Duplex Multimode Patch Cable 50/125 LC/LC 20ft (Tripp Lite N520-06M)	95.73	
27 29 00 00-1674	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 7M (23') (Tripp Lite N520-07M)	99.03	
27 29 00 00-1675	EA	8 Meter Duplex Multimode Fiber Patch Cable 50/125 LC/LC 8M (Tripp Lite N520-08M)	102.33	
27 29 00 00-1676	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 100M (330') (Tripp Lite N520-100M)	429.15	
27 29 00 00-1677	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 10M (33') (Tripp Lite N520-10M)	108.94	
27 29 00 00-1678	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 10M (39 ft.) (Tripp Lite N520-12M)	115.54	
27 29 00 00-1679	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 152M (500') (Tripp Lite N520-152M)	825.28	
27 29 00 00-1680	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 15M (16') (Tripp Lite N520-15M)	132.04	
27 29 00 00-1681	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 20M (65') (Tripp Lite N520-20M)	148.55	
27 29 00 00-1682	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 25M (16') (Tripp Lite N520-25M)	165.06	
27 29 00 00-1683	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 30M (98') (Tripp Lite N520-30M)	181.56	
27 29 00 00-1684	EA	30M Duplex MMF 50/125 Plenum Patch Cable LC/LC 100ft (Tripp Lite N520-30M-P)	422.54	
27 29 00 00-1685	EA	35M Duplex MMF 50/125 Patch Cable 115' LC/LC 115ft (Tripp Lite N520-35M)	198.07	
27 29 00 00-1686	EA	Multimode Duplex 50/125 Fiber Optic Patch Cable LC/LC - 50M (164') (Tripp Lite N520-50M)	247.58	
27 29 00 00-1687	EA	5m Duplex Multimode 50/125 Fiber Patch Cable MTP/MTP (Tripp Lite N546-05M)	445.65	
27 29 00 00-1688	EA	10m Duplex Multimode 50/125 Fiber Patch Cable MTP/MTP (Tripp Lite N546-10M)	528.18	
27 29 00 00-1689	EA	15m Duplex Multimode 50/125 Fiber Patch Cable MTP/MTP (Tripp Lite N546-15M)	594.20	
27 29 00 00-1690	EA	20m Duplex Multimode 50/125 Fiber Patch Cable MTP/MTP (Tripp Lite N546-20M)	660.22	
27 29 00 00-1691	EA	30m Duplex Multimode 50/125 Fiber Patch Cable MTP/MTP (Tripp Lite N546-30M)	759.26	
27 29 00 00-1692	EA	50m Duplex Multimode 50/125 Fiber Patch Cable MTP/MTP (Tripp Lite N546-50M)	1,089.37	
27 29 00 00-1693	EA	1000ft Bulk Duplex Multimode 62.5/125 Fiber Patch Cable Orange (Tripp Lite N549-01K)	759.26	
27 29 00 00-1694	EA	External Multimode Media Converter 10/100 FX/TX SC/RJ45, 2km, 1300nm (Tripp Lite N784-001-SC)	247.58	
27 29 00 00-1695	EA	External Multimode Media Converter 10/100 FX/TX ST/RJ45, 2km, 1300nm (Tripp Lite N784-001-ST)	247.58	
27 29 00 00-1696	EA	External Multimode Media Converter 10/100/1000 FX/TX SC/RJ45, 2km, 1300nm (Tripp Lite N785-001-SC)	478.66	
27 29 00 00-1697	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl SC/SC - 1M (3ft) (Tripp Lite N806-01M)	62.72	
27 29 00 00-1698	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl SC/SC - 2M (6ft - 7ft) (Tripp Lite N806-02M)	69.32	
27 29 00 00-1699	EA	10Gb Multimode 50/125 Duplex LSZH Aqua Fiber Patch Cable SC/SC - 3M (Tripp Lite N806-03M)	75.93	
27 29 00 00-1700	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl SC/SC - 5M (15ft) (Tripp Lite N806-05M)	85.83	
27 29 00 00-1701	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable SC/SC - 10M (33') (Tripp Lite N806-10M)	118.84	
27 29 00 00-1702	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable SC/SC - 15M (16') (Tripp Lite N806-15M)	161.75	
27 29 00 00-1703	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl LC/SC - 1M (3ft) (Tripp Lite N816-01M)	82.53	
27 29 00 00-1704	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/SC - 2M (6') (Tripp Lite N816-02M)	89.13	
27 29 00 00-1705	EA	10Gb Multimode 50/125 Duplex LSZH Aqua Fiber Patch Cable LC/SC - 3M (Tripp Lite N816-03M)	95.73	
27 29 00 00-1706	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/SC - 5M (16') (Tripp Lite N816-05M)	108.94	
27 29 00 00-1707	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/SC - 10M (33') (Tripp Lite N816-10M)	145.25	
27 29 00 00-1708	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/SC - 15M (16') (Tripp Lite N816-15M)	188.16	
27 29 00 00-1709	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl LC/ST - 1M (3ft) (Tripp Lite N818-01M)	89.13	
27 29 00 00-1710	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl LC/ST - 2M (6ft - 7ft) (Tripp Lite N818-02M)	99.03	
27 29 00 00-1711	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl LC/ST - 3M (10ft) (Tripp Lite N818-03M)	105.64	
27 29 00 00-1712	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl LC/ST - 5M (15ft) (Tripp Lite N818-05M)	122.14	
27 29 00 00-1713	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl LC/ST - 10M (30ft - 33ft) (Tripp Lite N818-10M)	158.45	
27 29 00 00-1714	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/LC - 1M (3') (Tripp Lite N820-01M)	85.83	
27 29 00 00-1715	EA	1M 40/100Gb MMF 50/125 OM4 LSZH Patch Cable LC/LC Aqua 3' (Tripp Lite N820-01M-OM4)	112.24	
27 29 00 00-1716	EA	10Gb Duplex Multimode 50/125 LSZH Aqua Fiber Patch Cbl LC/LC - 2M (6ft - 7ft) (Tripp Lite N820-02M)	92.43	
27 29 00 00-1717	EA	2M 40/100Gb MMF 50/125 OM4 LSZH Patch Cable LC/LC Aqua 6' (Tripp Lite N820-02M-OM4)	125.44	
27 29 00 00-1718	EA	10Gb Multimode 50/125 Duplex LSZH Aqua Fiber Patch Cable LC/LC - 3M (Tripp Lite N820-03M)	99.03	
27 29 00 00-1719	EA	3M 40/100Gb MMF 50/125 OM4 LSZH Patch Cable LC/LC Aqua 10' (Tripp Lite N820-03M-OM4)	141.95	
27 29 00 00-1720	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/LC - 5M (16') (Tripp Lite N820-05M)	108.94	
27 29 00 00-1721	EA	5M 40/100Gb MMF 50/125 OM4 LSZH Patch Cable LC/LC Aqua 16' (Tripp Lite N820-05M-OM4)	168.36	
27 29 00 00-1722	EA	6M 10Gb Duplex MMF OM3 50/125 LSZH Patch Cable LC/LC Aqua 20ft (Tripp Lite N820-06M)	112.24	
27 29 00 00-1723	EA	7M 10Gb Duplex MMF OM3 50/125 LSZH Patch Cable LC/LC Aqua 23ft (Tripp Lite N820-07M)	115.54	
27 29 00 00-1724	EA	8M 10Gb Duplex Fiber OM3 50/125 LSZH Patch Cable LC/LC Aqua 26ft (Tripp Lite N820-08M)	122.14	
27 29 00 00-1725	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/LC - 10M (33') (Tripp Lite N820-10M)	132.04	
27 29 00 00-1726	EA	10M 40/100Gb MMF 50/125 OM4 LSZH Patch Cable LC/LC Aqua 33' (Tripp Lite N820-10M-OM4)	244.28	
27 29 00 00-1727	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/LC - 15M (16') (Tripp Lite N820-15M)	171.66	
27 29 00 00-1728	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/LC - 20M (65') (Tripp Lite N820-20M)	204.67	
27 29 00 00-1729	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/LC - 25M (80') (Tripp Lite N820-25M)	231.08	
27 29 00 00-1730	EA	30M 10Gb Duplex Fiber OM3 50/125 LSZH Patch Cable LC/LC Aqua 100ft (Tripp Lite N820-30M)	257.49	
27 29 00 00-1731	EA	35M 10Gb Duplex Fiber OM3 50/125 LSZH Patch Cable LC/LC Aqua 115ft (Tripp Lite N820-35M)	297.10	
27 29 00 00-1732	EA	10Gb Multimode Duplex 50/125 LSZH Aqua Fiber Patch Cable LC/LC - 50M (165') (Tripp Lite N820-50M)	363.12	
27 29 00 00-1733	EA	1M 10G Duplex MMF 50/125 OM3 Fiber Cable Mini-LC / LC Aqua 3' (Tripp Lite N836-01M)	85.83	
27 29 00 00-1734	EA	2M 10G Duplex MMF 50/125 OM3 Fiber Cable Mini-LC / LC Aqua 6' (Tripp Lite N836-02M)	92.43	
27 29 00 00-1735	EA	3M 10G Duplex MMF 50/125 OM3 Fiber Cable Mini-LC / LC Aqua 10' (Tripp Lite N836-03M)	99.03	
27 29 00 00-1736	EA	5M 10G Duplex MMF 50/125 OM3 Fiber Cable Mini-LC / LC Aqua 16' (Tripp Lite N836-05M)	108.94	
27 29 00 00-1737	EA	10M 10G Duplex MMF 50/125 OM3 Fiber Cable Mini-LC / LC Aqua 33' (Tripp Lite N836-10M)	132.04	
27 29 00 00-1738	EA	1M 10G Duplex MMF 50/125 OM3 Fiber Cable Mini-LC Mini-LC Aqua 3' (Tripp Lite N838-01M)	85.83	
27 29 00 00-1739	EA	2M 10G Duplex MMF 50/125 OM3 Fiber Cable Mini-LC Mini-LC Aqua 6' (Tripp Lite N838-02M)	92.43	
27 29 00 00-1740	EA	3M 10G Dup MMF 50/125 OM3 Fiber Cable Mini-LC Mini-LC Aqua 10' (Tripp Lite N838-03M)	99.03	
27 29 00 00-1741	EA	5M 10G Dup MMF 50/125 OM3 Fiber Cable Mini-LC Mini-LC Aqua 16' (Tripp Lite N838-05M)	108.94	
27 29 00 00-1742	EA	10M 10G Dup MMF 50/125 OM3 Fiber Cable Mini-LC Mini-LC Aqua 33' (Tripp Lite N838-10M)	132.04	
27 29 00 00-1743	EA	10M MTP / MPO Patch Cable 12 Fiber 40GbE Aqua OM3 Plenum 33ft (Tripp Lite N844-01M-12-P)	495.17	
27 29 00 00-1744	EA	2M MTP / MPO Patch Cable 12 Fiber 40GbE Aqua OM3 Plenum 6ft (Tripp Lite N844-02M-12-P)	528.18	
27 29 00 00-1745	EA	2M Fan-out Cable MTP / MPO to 8 x LC 40GbE OM3 Plenum 6ft (Tripp Lite N844-02M-8LC-P)	528.18	
27 29 00 00-1746	EA	3M MTP / MPO Patch Cable 12 Fiber 40GbE Aqua OM3 Plenum 10ft (Tripp Lite N844-03M-12-P)	561.19	
27 29 00 00-1747	EA	3M Fan-out Cable MTP / MPO to 8 x LC 40GbE OM3 Plenum 10ft (Tripp Lite N844-03M-8LC-P)	561.19	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-1748 EA 5M MTP / MPO Patch Cable 12 Fiber 40GbE Aqua OM3 Plenum 16ft (Tripp Lite N844-05M-12-P).....	627.21	
27 29 00 00-1749 EA 5M Fan-out Cable MTP / MPO to 8 x LC 40GbE OM3 Plenum 16ft (Tripp Lite N844-05M-8LC-P).....	627.21	
27 29 00 00-1750 EA 10M MTP / MPO Patch Cable 12 Fiber 40GbE Aqua OM3 Plenum 33ft (Tripp Lite N844-10M-12-P).....	792.27	
27 29 00 00-1751 EA 1M MTP / MPO Patch Cable 24 Fiber 100GbE Aqua OM3 Plenum 3ft (Tripp Lite N846-01M-24-P).....	891.30	
27 29 00 00-1752 EA 2M MTP / MPO Patch Cable 24 Fiber 100GbE Aqua OM3 Plenum 6ft (Tripp Lite N846-02M-24-P).....	957.32	
27 29 00 00-1753 EA 5M MTP / MPO Patch Cable 24 Fiber 100GbE Aqua OM3 Plenum 16ft (Tripp Lite N846-05M-24-P).....	1,122.38	
27 29 00 00-1754 EA 10M MTP / MPO Patch Cable 24 Fiber 100GbE Aqua OM3 Plenum 33ft (Tripp Lite N846-10M-24-P).....	1,452.49	
27 29 00 00-1755 EA Messenger Notebook Brief. Includes removable cell phone case. (Tripp Lite NB1000GY).....	103.99	
27 29 00 00-1756 EA Profile Notebook Brief. (Tripp Lite NB1001BK).....	140.30	
27 29 00 00-1757 EA Slim-Line Professional Brief. (Tripp Lite NB1002OL).....	191.46	
27 29 00 00-1758 EA Traditional Notebook Case. (Tripp Lite NB1003BK).....	191.46	
27 29 00 00-1759 EA Executive Notebook Case. (Tripp Lite NB1004BK).....	280.60	
27 29 00 00-1760 EA Corporate Top-Load Notebook Case. (Tripp Lite NB1005BK).....	316.91	
27 29 00 00-1761 EA Messenger Notebook Bag. (Tripp Lite NB1094GY).....	178.26	
27 29 00 00-1762 EA Notebook Cooling Pad. Includes two built-in cooling pads. (Tripp Lite NC2003SR).....	74.28	
27 29 00 00-1763 EA Articulating Notebook Arm. Adjustable to accommodate any position. (Tripp Lite NS2002BK).....	194.77	
27 29 00 00-1764 EA 1050VA UPS System OmniSmart Tower Line-Interactive 120V 6 Outlet - 1050 VA, 1 USB, AVR LED (Tripp Lite OMNI SMT1050PNP).....	935.87	
27 29 00 00-1765 EA 1400VA UPS System OmniSmart Tower Line-Interactive 120V 6 Outlet - 1400 VA, 1 USB, AVR LED (Tripp Lite OMNI SMT1400PNP).....	1,325.81	
27 29 00 00-1766 EA 300VA UPS System OmniSmart Tower Line-Interactive 120V 3 Outlet - 300 VA, 1 USB, Modem/Fax Protection (Tripp Lite OMNI SMT300PNP).....	393.66	
27 29 00 00-1767 EA 500VA UPS System OmniSmart Tower Line-Interactive 120V 6 Outlet - 500 VA, 1 USB, Modem/Fax Protection (Tripp Lite OMNI SMT500PNP).....	560.78	
27 29 00 00-1768 EA 700VA UPS System OmniSmart Tower Line-Interactive 120V 6 Outlet - 700 VA, 1 USB, Modem/Fax/Ethernet Protection (Tripp Lite OMNI SMT700PNP).....	739.04	
27 29 00 00-1769 EA 1000VA UPS System OMNI Full Line Isolation Towers AVR Line-Interactive 120V 6 Outlet - 1000 VA, 1 USB (Tripp Lite OMNI1000ISO).....	1,296.10	
27 29 00 00-1770 EA 1500VA UPS Omni Smart LCD USB RJ45 120V 5-15R 8 Outlet 2U RM (Tripp Lite OMNI1500LCD).....	664.76	
27 29 00 00-1771 EA 1500VA NAFTA Omni Ext Run Line-Int UPS Tower 8 outlets (Tripp Lite OMNI1500XLANAFTA).....	973.01	
27 29 00 00-1772 EA 300VA NAFTA Omni Smart Line-Int UPS Tower 3 outlets (Tripp Lite OMNI300ANAFTA).....	427.08	
27 29 00 00-1773 EA 500VA UPS System OMNI Full Line Isolation Towers AVR Line-Interactive 120V 6 Outlet - 500 VA, 1 USB (Tripp Lite OMNI500ISO).....	675.90	
27 29 00 00-1774 EA 650VA UPS System OmniSmart Rack/Shell/Tower Digital LCD Line-Interactive 120V 8 Outlet - 650 VA, 1 USB (Tripp Lite OMNI650LCD).....	389.94	
27 29 00 00-1775 EA 750VA UPS System OMNI Full Line Isolation Towers AVR Line-Interactive 120V 6 Outlet - 750 VA, 1 USB (Tripp Lite OMNI750ISO).....	1,143.84	
27 29 00 00-1776 EA 900VA UPS System OmniSmart Rack/Shell/Tower Digital LCD Line-Interactive 120V 8 Outlet - 900 VA, 1 USB (Tripp Lite OMNI900LCD).....	427.08	
27 29 00 00-1777 EA 330VA UPS System OmniSmart Hospital Grade Tower Line-Interactive 120V 4 Outlet - 330 VAUL 60601-1 Listed, 1 Basic Comm Port, 2 Line Modem/Fax Protection (Tripp Lite OMNISMART350HG).....	1,217.29	
27 29 00 00-1778 EA 1000VA UPS System OmniVS Tower Line-Interactive 120V 8 Outlet - 1000 VA, 1 USB, Modem/Fax Protection (Tripp Lite OMNIVS1000).....	453.08	
27 29 00 00-1779 EA 1500VA UPS System OmniVS Tower Line-Interactive 120V 8 Outlet - 1500 VA, 1 USB, Modem/Fax/Ethernet Protection (Tripp Lite OMNIVS1500).....	675.90	
27 29 00 00-1780 EA 1500VA UPS System OmniVS Tower Extended Run Line-Interactive 120 Volt 8 Outlet - 1500 VA 1 USB, Modem/Fax/Ethernet Protection (Tripp Lite OMNIVS1500XL).....	750.18	
Note: Use BP24V14 or BP24V34 for Extended Run		
27 29 00 00-1781 EA TAA Compliant 1500VA UPS Omni VS Tower Ext Run 8 outlets (Tripp Lite OMNIVS1500XLTA).....	835.60	
27 29 00 00-1782 EA 800VA UPS System OmniVS Tower Line-Interactive 120V 7 Outlet - 800 VA, 1 USB, Modem/Fax Protection (Tripp Lite OMNIVS800).....	423.37	
27 29 00 00-1783 EA 1000VA International UPS System OmniSmart Tower VS Line-Interactive 230V 6 Outlet - 1000 VA 1 USB, Modem/Fax Protection (Tripp Lite OMNIVSINT1000).....	795.78	
27 29 00 00-1784 EA 1500VA International UPS System OmniSmart Tower VS Extended Run Line-Interactive 230 Volt 8 Outlet - 1500 VA 1 USB, Modem/Fax/Network Protection (Tripp Lite OMNIVSINT1500XL).....	987.86	
Note: Use BP24V14 or BP24V34 for Extended Run		
27 29 00 00-1785 EA 800VA International UPS System OmniSmart Tower VS Line-Interactive 230V 4 Outlet - 800 VA 1 USB, Modem/Fax Protection (Tripp Lite OMNIVSINT800).....	576.25	
27 29 00 00-1786 EA TAA Compliant 1500VA Intl UPS Omni Smart Tower 8 outlets 230V (Tripp Lite OMNIX1500XLTA).....	1,199.54	
27 29 00 00-1787 EA 350VA Intl UPS Omni Smart Line-Interactive 230V 6 outlets Hospital Grade (Tripp Lite OMNIX350HG).....	1,217.29	
27 29 00 00-1788 EA Power Converter Cable - PC Plug (IEC-320-C14) to AC Rec (NEMA 5-15R) - 2' (Tripp Lite P002-002).....	14.79	
27 29 00 00-1789 EA AC Power Extension Cable, C14 to Left-Angle C13, 100-250V, 10A, 18Awg, SJT - 2 ft. (Tripp Lite P004-002-13LA).....	17.08	
27 29 00 00-1790 EA AC Power Extension Cable, C14 to Right-Angle C13, 100-250V, 10A, 18Awg, SJT - 2 ft. (Tripp Lite P004-002-13RA).....	17.08	
27 29 00 00-1791 EA AC Power Cable (IEC-320-C14 - IEC-320-C13) - 2' (Tripp Lite P004-002-5).....	113.83	
27 29 00 00-1792 EA AC Power Extension Cable, C14 to C13, 100-250V, 10A, 18Awg, SJT - 4 ft. (Tripp Lite P004-004).....	16.79	
27 29 00 00-1793 EA 4ft 18 AWG Power Cord C14 to C13 with Blue Connectors (Tripp Lite P004-004-BL).....	17.64	
27 29 00 00-1794 EA 4ft 18AWG Power Cord C14 to C13 Green Connectors 4' (Tripp Lite P004-004-GN).....	17.64	
27 29 00 00-1795 EA 4ft 18AWG Power Cord C14 to C13 Red Connectors 4' (Tripp Lite P004-004-RD).....	17.64	
27 29 00 00-1796 EA 4ft 18AWG Power Cord C14 to C13 Yellow Connectors 4' (Tripp Lite P004-004-YW).....	17.64	
27 29 00 00-1797 EA AC Power Extension Cable - PC Style Plugs (IEC-320-C14 to IEC-320-C13) - 6' (Tripp Lite P004-006).....	17.64	
27 29 00 00-1798 EA AC Power Extension/Splitter Cable, C14 to (x2) C13, 100-250V, 10A, 18Awg, SJT - 6 ft. (Tripp Lite P004-006-2C13).....	45.53	
27 29 00 00-1799 EA 10ft 18AWG Power Cord SJT 10A 100V - 250V C14 to C13 10' (Tripp Lite P004-010).....	34.15	
27 29 00 00-1800 EA AC Power Cord, C13/C14, 100-230V,15A,14Awg SJT - 2' (Tripp Lite P005-002).....	39.84	
27 29 00 00-1801 EA AC Power Cord, C13/C14, 100-230V,15A,14Awg SJT - 6' (Tripp Lite P005-006).....	62.60	
27 29 00 00-1802 EA 6ft Heavy Duty 14 AWG Power Cord C13 to C14 Blue Connectors (Tripp Lite P005-006-BL).....	62.60	
27 29 00 00-1803 EA 6ft 14AWG Power Cord Heavy Duty C13 to C14 Green Connectors 6' (Tripp Lite P005-006-GN).....	62.60	
27 29 00 00-1804 EA 6ft 14AWG Power Cord Heavy Duty C13 to C14 Red Connectors 6' (Tripp Lite P005-006-RD).....	62.60	
27 29 00 00-1805 EA 6ft 14AWG Power Cord Heavy Duty C13 to C14 Yellow Connectors 6' (Tripp Lite P005-006-YW).....	62.60	
27 29 00 00-1806 EA AC Cord, C13 to C14, 15A, 14Awg - 10' (Tripp Lite P005-010).....	85.38	
27 29 00 00-1807 EA 1ft 14AWG Power Cord Heavy Duty C13 to C14 12" (Tripp Lite P005-12N).....	28.45	
27 29 00 00-1808 EA 18in 14AWG Power Cord Heavy Duty C13 to C14 18" (Tripp Lite P005-18N).....	34.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-1809	EA		AC Power Cable, C13 to 5-15P, 125V, 10A, 18Awg, SJT - 3 ft. (Tripp Lite P006-003)	15.37	
27 29 00 00-1810	EA		AC Power Cable, C13 to 5-15P, 125V, 10A, 18Awg, SJT - 4 ft. (Tripp Lite P006-004)	15.93	
27 29 00 00-1811	EA		4ft 18AWG Power Cord 5-15P to C13 with Blue Connectors (Tripp Lite P006-004-BL)	16.51	
27 29 00 00-1812	EA		4ft 18AWG Power Cord 5-15P to C13 Green Connectors 4' (Tripp Lite P006-004-GN)	16.51	
27 29 00 00-1813	EA		4ft 18AWG Power Cord 5-15P to C13 Red Connectors 4' (Tripp Lite P006-004-RD)	16.51	
27 29 00 00-1814	EA		4ft 18AWG Power Cord 5-15P to C13 Yellow Connectors 4' (Tripp Lite P006-004-YW)	16.51	
27 29 00 00-1815	EA		AC Power Repl. Cable - AC Plug (NEMA 5-15P) to PC Style Rec (IEC-320-C13) - 6' (Tripp Lite P006-006)	17.64	
27 29 00 00-1816	EA		AC Power Cord, Left-Angle C13 to 5-15P, 125V, 10A, 18Awg, SJT - 6 ft. (Tripp Lite P006-006-13LA)	22.76	
27 29 00 00-1817	EA		AC Power Cord, Right-Angle C13 to 5-15P, 125V, 10A, 18Awg, SJT - 6 ft. (Tripp Lite P006-006-13RA)	22.76	
27 29 00 00-1818	EA		AC Power Splitter Cable, 5-15P to (x2) C13 - 6 ft. (Tripp Lite P006-006-2)	51.23	
27 29 00 00-1819	EA		6ft Piggyback Power Cord 5-15P/R to C13 6' (Tripp Lite P006-006-515MF)	28.45	
27 29 00 00-1820	EA		10ft 18AWG Power Cord NEMA 5-15P to IEC-320-C13 10' (Tripp Lite P006-010)	34.15	
27 29 00 00-1821	EA		AC Power Cord, C13/5-15P, 125V, 15A, 14Awg SJT - 2' (Tripp Lite P007-002)	34.15	
27 29 00 00-1822	EA		AC Power Cord, C13/5-15P, 125V, 15A, 14Awg SJT - 6' (Tripp Lite P007-006)	51.23	
27 29 00 00-1823	EA		AC Cord, C13 to 5-15P, 15A, 14Awg - 10' (Tripp Lite P007-010)	73.99	
27 29 00 00-1824	EA		AC Power Repl. Cable - AC Plug (NEMA 5-15P) to PC Style Rec (IEC-320-C13) - 12' (Tripp Lite P010-012)	32.43	
27 29 00 00-1825	EA		AC Power Cord, L6-20P to C13, 250V, 15A, 14Awg, SJTW - 6' (Tripp Lite P011-006)	73.99	
27 29 00 00-1826	EA		Notebook Power Adapter Cable (NEMA 1-15P to IEC-320-C7) - 6' (Tripp Lite P012-006)	17.08	
27 29 00 00-1827	EA		6ft 18AWG Power Cord NEMA 5-15P to C5 6' (Tripp Lite P013-006)	39.84	
27 29 00 00-1828	EA		6ft 18AWG Power Cord (C14 to C5) 6' (Tripp Lite P014-006)	56.92	
27 29 00 00-1829	EA		6 inch 18AWG Power Cord Adapter (C14 to C5) 6" (Tripp Lite P014-06N)	45.53	
27 29 00 00-1830	EA		3ft 14AWG Power Cord Heavy Duty C14 to C15 3' (Tripp Lite P018-003)	73.99	
27 29 00 00-1831	EA		6ft 14AWG Power Cord Heavy Duty C14 to C15 6' (Tripp Lite P018-006)	96.76	
27 29 00 00-1832	EA		4ft Heavy Duty Power Cord 15A 100-250V 14AWG SJT 5-15P to C15 4' (Tripp Lite P019-004)	85.38	
27 29 00 00-1833	EA		8ft Heavy Duty Power Cord 15A 100-250V 14AWG SJT 5-15P to C15 8' (Tripp Lite P019-008)	113.83	
27 29 00 00-1834	EA		Power Extension / Adapter Cable (NEMA 5-15R to NEMA 5-15P) - 1 ft. (Tripp Lite P022-001)	17.08	
27 29 00 00-1835	EA		Power Extension / Adapter Cable - (2) NEMA 5-15R to NEMA 5-15P - 1 ft. (Tripp Lite P022-001-2)	25.60	
27 29 00 00-1836	EA		15ft 16AWG Power Extension Cord NEMA 5-15R to NEMA 5-15P 15' (Tripp Lite P022-015)	39.84	
27 29 00 00-1837	EA		25ft 16AWG Power Extension Cord NEMA 5-15R to NEMA 5-15P 25' (Tripp Lite P022-025)	62.60	
27 29 00 00-1838	EA		AC Power Cord, 5-15P/L5-15R, 120V, SJTW, 14AWG, 15A - 1' (Tripp Lite P023-001)	39.84	
27 29 00 00-1839	EA		5-Pack AC Power Cords, 5-15P to C13, 125V, 10A, 18Awg, SVT - 2' (Tripp Lite P030-002-5)	113.83	
27 29 00 00-1840	EA		AC Power Splitter Cable, C20 to (x2) C13, 100-250V, 15A, 14Awg, SJTW - 2 ft. (Tripp Lite P032-002-2C13)	73.99	
27 29 00 00-1841	EA		AC Power Cord 10A 100-240V, 12Awg, C13/C20, - 7' (Tripp Lite P032-007)	91.07	
27 29 00 00-1842	EA		AC Cord, C19 to 5-15P, 15A, 14Awg - 10' (Tripp Lite P034-010)	79.68	
27 29 00 00-1843	EA		AC Cord, 250V, 16A, 12Awg, SJT - 2' (Tripp Lite P036-002)	56.92	
27 29 00 00-1844	EA		AC Power Cord, Left-Angle C19 to C20, 100-250V, 20A, 12Awg, SJTW - 2 ft. (Tripp Lite P036-002-19LA)	51.23	
27 29 00 00-1845	EA		AC Power Cord, Right-Angle C19 to C20, 100-250V, 20A, 12Awg, SJTW - 2 ft. (Tripp Lite P036-002-19RA)	51.23	
27 29 00 00-1846	EA		AC Power Cord, Left-Angle C20 to C19, 100-250V, 20A, 12Awg, SJTW - 2 ft. (Tripp Lite P036-002-20LA)	51.23	
27 29 00 00-1847	EA		AC Power Cord, Right-Angle C20 to C19, 100-250V, 20A, 12Awg, SJTW - 2 ft. (Tripp Lite P036-002-20RA)	51.23	
27 29 00 00-1848	EA		AC Power Cord 100-230V, 12Awg - 6' (Tripp Lite P036-006)	102.46	
27 29 00 00-1849	EA		AC Power Extension/Splitter Cable, C20 to (x2) C19, 100-250V, 20A, 12Awg, SJTW - 6 ft. (Tripp Lite P036-006-2C19)	159.36	
27 29 00 00-1850	EA		1' AC Splitter Cable, 20A, 10Awg, SJTOW, 250V, L6-20P/2xL6-20R (Tripp Lite P039-001-2)	398.40	
27 29 00 00-1851	EA		6ft 12AWG Heavy Duty Power Cord IEC-320-C19 to NEMA L6-20P 6' (Tripp Lite P040-006)	85.38	
27 29 00 00-1852	EA		AC Cord, C19 to L6-20P, 20A, 12Awg - 10' (Tripp Lite P040-010)	142.30	
27 29 00 00-1853	EA		14ft 12AWG Heavy Duty Power Cord IEC-320-C19 to NEMA L6-20P 14' (Tripp Lite P040-014)	199.20	
27 29 00 00-1854	EA		AC Splitter Cable, 30A, 10Awg, SJT, 250V - 1' (Tripp Lite P041-001-2)	483.78	
27 29 00 00-1855	EA		8ft 10AWG Heavy Duty Power Extension Cord L6-30P to L6-30R 8' (Tripp Lite P041-008)	210.59	
27 29 00 00-1856	EA		AC Adapter, L5-30P/L5-20R, 20A, 10Awg, SJTW, 125V (Tripp Lite P043-002)	398.40	
27 29 00 00-1857	EA		AC Power Adapter Cable (NEMA L5-20R - NEMA 5/20P) - 6' (Tripp Lite P044-061)	68.29	
27 29 00 00-1858	EA		AC Cord, C19 to L5-20P, 20A, 12Awg - 10' (Tripp Lite P045-010)	108.13	
27 29 00 00-1859	EA		6in 12AWG Hvy Dty Power Adptr Cord 100-250V 20A L5-20P to 5-20R (Tripp Lite P046-06N)	73.99	
27 29 00 00-1860	EA		AC Power Cord, C19/C14, 100-230V, 15A, 14Awg SJT - 2' (Tripp Lite P047-002)	62.60	
27 29 00 00-1861	EA		AC Power Cord, C19/C14, 100-230V, 15A, 14Awg SJT - 4' (Tripp Lite P047-004)	79.68	
27 29 00 00-1862	EA		AC Power Cord, C19/C14, 100-230V, 15A, 14Awg SJT - 6' (Tripp Lite P047-006)	93.92	
27 29 00 00-1863	EA		AC Cord, C19 to C14, 15A, 14Awg - 10' (Tripp Lite P047-010)	113.83	
27 29 00 00-1864	EA		AC Cord, C19 to 5-20P, 20A, 12Awg - 10' (Tripp Lite P049-010)	125.22	
27 29 00 00-1865	EA		AC Power Cable (International) (IEC-320-C19 - BS1363 SHUKO Plug) - 8' (Tripp Lite P050-008)	91.07	
27 29 00 00-1866	EA		AC Power Cable (International) (IEC-320-C19 - BS1363 UK Plug) - 8' (Tripp Lite P052-008)	96.76	
27 29 00 00-1867	EA		AC Power Cord, SCHUKO CEE7/7 to C13, 250V, 10A - 6' (Tripp Lite P054-006)	39.84	
27 29 00 00-1868	EA		AC Power Cord, BS1363 (UK) to C13, 250V, 10A - 6' (Tripp Lite P056-006)	45.53	
27 29 00 00-1869	EA		AC Power Cord, CEE7/7 SHUKO to C5, 250V, 2.5A - 6 ft. (Tripp Lite P058-006)	56.92	
27 29 00 00-1870	EA		AC Power Cord, BS1363 (UK) to C5, 250V, 2.5A - 6 ft. (Tripp Lite P060-006)	79.68	
27 29 00 00-1871	EA		10ft IEC309 to C19 Power Cord (Tripp Lite P070-010)	227.65	
27 29 00 00-1872	EA		AT Serial Gold Adapter DB9F/25M (Tripp Lite P100-000-R)	4.27	
27 29 00 00-1873	EA		AT-PS/2 Keyboard Adapter DIN5F/MinDIN6M (Tripp Lite P106-000)	3.69	
27 29 00 00-1874	EA		PS/2-AT Keyboard Adapter DIN5M/MinDIN6F (Tripp Lite P108-000-R)	5.69	
27 29 00 00-1875	EA		Combo-Mouse Serial-PS/2 Adapter MinDIN6M/DB9M (Tripp Lite P110-000-R)	2.56	
27 29 00 00-1876	EA		Combo-Mouse Serial-PS/2 Adapter MinDIN6F/DB9F (Tripp Lite P112-000)	5.69	
27 29 00 00-1877	EA		DVI-D M to DVI-D F Adapter (Tripp Lite P118-000)	34.15	
27 29 00 00-1878	EA		DVI Adapter - DVI Analog Plug to HD15F (Tripp Lite P120-000)	26.18	
27 29 00 00-1879	EA		DVI Adapter - DVI-A(M)/x2 HD15(F) (Tripp Lite P120-001-2)	56.92	
27 29 00 00-1880	EA		DVI Adapter - DVI Digital Plug to DFP Receptacle (Tripp Lite P122-000)	28.45	
27 29 00 00-1881	EA		DVI Adapter - DVI Analog Receptacle to HD15M (Tripp Lite P126-000)	27.32	
27 29 00 00-1882	EA		HDMI to DVI Gold Adapter - HDMI-F to DVI M (Tripp Lite P130-000)	51.23	
27 29 00 00-1883	EA		6 inch Micro HDMI to VGA Converter Adapter Plug And Play 1080p 6" (Tripp Lite P131-06N-MICRO)	170.75	
27 29 00 00-1884	EA		DVI to HDMI Gold Adapter - DVI F to HDMI-M (Tripp Lite P132-000)	51.23	
27 29 00 00-1885	EA		DisplayPort to DVI Adapter (Tripp Lite P134-000)	105.29	
27 29 00 00-1886	EA		Displayport to VGA Adapter 6in (Tripp Lite P134-06N-VGA)	130.91	
27 29 00 00-1887	EA		DisplayPort to HDMI Adapter (Tripp Lite P136-000)	110.98	
27 29 00 00-1888	EA		Mini Displayport to DVI Adapter 6" TAA / GSA (Tripp Lite P137-06N-DVI)	91.07	
27 29 00 00-1889	EA		Tripp Lite Keyspan 6 inch Mini Displayport to HDMI Adapter 6" TAA GSA (Tripp Lite P137-06N-HDMI)	91.07	
27 29 00 00-1890	EA		Mini Displayport to VGA Adapter 6" TAA / GSA (Tripp Lite P137-06N-VGA)	108.13	

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-1891	EA	Mini-DVI to DVI Adapter (Tripp Lite P138-000-DVI).....	73.99	
27 29 00 00-1892	EA	Mini-DVI to HDMI Adapter (Tripp Lite P138-000-HDMI).....	73.99	
27 29 00 00-1893	EA	Mini Displayport to Display port Adapter Mini DP M to DP Female (Tripp Lite P139-06N-DP).....	51.23	
27 29 00 00-1894	EA	HDMI Female to Mini HDMI Male Adapter Full 1080p Support (Tripp Lite P142-000-MINI).....	45.53	
27 29 00 00-1895	EA	HDMI Male to Female Swivel Adapter Up / Down (Tripp Lite P142-000-UD).....	25.60	
27 29 00 00-1896	EA	HDMI Right Angle Up Adapter / Coupler, Male to Female (Tripp Lite P142-000-UP).....	21.62	
27 29 00 00-1897	EA	Compact Gold Gender Changer DB9F/F (Tripp Lite P150-000).....	11.95	
27 29 00 00-1898	EA	Compact Gold Gender Changer DB9M/M (Tripp Lite P152-000).....	11.39	
27 29 00 00-1899	EA	Compact Gold Gender Changer DB25F/F (Tripp Lite P154-000).....	12.81	
27 29 00 00-1900	EA	Compact Gold Gender Changer DB25M/M (Tripp Lite P156-000).....	15.66	
27 29 00 00-1901	EA	Compact Gold Gender Changer HD15M/M (Tripp Lite P158-000).....	15.66	
27 29 00 00-1902	EA	Compact Gold Gender Changer HD15F/F (Tripp Lite P160-000).....	15.66	
27 29 00 00-1903	EA	Gender Changer DVI-D F/F (Tripp Lite P162-000).....	56.92	
27 29 00 00-1904	EA	Gender Changer HDMI F/F (Tripp Lite P164-000).....	34.15	
27 29 00 00-1905	EA	HDMI Keystone Snap-in Wallplate Coupler Gold Plated HDMI F/F (Tripp Lite P164-000-KJ-WH).....	34.15	
27 29 00 00-1906	EA	HDMI Right Angle Gender Changer Coupler - HDMI Female/Female (Tripp Lite P164-000-UP).....	22.76	
27 29 00 00-1907	EA	HDMI v1.3 Active Wallplate with Signal Booster (Tripp Lite P166-001-A).....	227.65	
27 29 00 00-1908	EA	HDMI v1.3 Passive Wallplate (Tripp Lite P166-001-P).....	96.76	
27 29 00 00-1909	EA	HDMI over Category 5 Wallplate Extension Kit (Tripp Lite P167-000).....	369.95	
27 29 00 00-1910	EA	Compact Displayport Gender Changer / Coupler (Display port F/F) (Tripp Lite P168-000).....	45.53	
27 29 00 00-1911	EA	PS/2 Keyboard/Mouse Extension Cable MinDIN6M/F - 6' (Tripp Lite P222-006).....	9.68	
27 29 00 00-1912	EA	PS/2 Keyboard/Mouse Extension Cable MinDIN6M/F - 10' (Tripp Lite P222-010).....	14.24	
27 29 00 00-1913	EA	PS/2 Keyboard/Mouse Extension Cable MinDIN6M/F - 15' (Tripp Lite P222-015).....	17.08	
27 29 00 00-1914	EA	PS/2 Keyboard/Mouse Extension Cable MinDIN6M/F - 25' (Tripp Lite P222-025).....	34.15	
27 29 00 00-1915	EA	PS/2 Keyboard/Mouse Extension Cable MinDIN6M/F - 50' (Tripp Lite P222-050).....	56.92	
27 29 00 00-1916	EA	PS/2 Keyboard/Mouse Y Cable MinDIN6M/2xF - 1' (Tripp Lite P230-001).....	28.45	
27 29 00 00-1917	EA	6ft Male to 3.5mm Female Mini Stereo Audio Extension Cable 6' (Tripp Lite P311-006).....	11.95	
27 29 00 00-1918	EA	10ft Male to 3.5mm Female Mini Stereo Audio Extension Cable 10' (Tripp Lite P311-010).....	14.79	
27 29 00 00-1919	EA	25ft Male to 3.5mm Female Mini Stereo Audio Extension Cable 25' (Tripp Lite P311-025).....	26.76	
27 29 00 00-1920	EA	Mini Stereo Dubbing Cord 3.5mm M/M - 6' (Tripp Lite P312-006).....	11.39	
27 29 00 00-1921	EA	Mini Stereo Dubbing Cord 3.5mm M/M - 10' (Tripp Lite P312-010).....	13.66	
27 29 00 00-1922	EA	Mini Stereo Dubbing Cord 3.5mm M/M - 25' (Tripp Lite P312-025).....	25.60	
27 29 00 00-1923	EA	Mini Stereo Dubbing Cord 3.5mm M/M - 50' (Tripp Lite P312-050).....	39.84	
27 29 00 00-1924	EA	Mini Stereo Dubbing Cord Y Adapter 3.5mm M to (2) 3.5mm F - 1' (Tripp Lite P313-001).....	22.76	
27 29 00 00-1925	EA	Audio Cable Y Adapter 3.5mm - M/2xRCA-M - 6' (Tripp Lite P314-006).....	10.25	
27 29 00 00-1926	EA	Audio Cable Y Adapter 3.5mm - M/2xRCA-M - 12' (Tripp Lite P314-012).....	12.52	
27 29 00 00-1927	EA	Audio Cable Y Adapter 3.5mm M to (x2) RCA F - 6 ft. (Tripp Lite P315-006).....	9.97	
27 29 00 00-1928	EA	10-Pack of 10" Hook and Loop Cable Ties (Tripp Lite P350-10N-10).....	17.08	
27 29 00 00-1929	EA	Serial Modem Gold Cable DB25F/M - 6' (Tripp Lite P402-006-R).....	3.98	
27 29 00 00-1930	EA	AT Serial Modem Gold Cable DB9F/25M - 6' (Tripp Lite P404-006).....	13.37	
27 29 00 00-1931	EA	Fax/Modem Silver Flat Patch Cable RJ11M/M - 7' (Tripp Lite P410-007-SR).....	5.69	
27 29 00 00-1932	EA	RJ11 In-Line Coupler RJ11F/F (Tripp Lite P420-001).....	4.56	
27 29 00 00-1933	EA	Null Modem Adapter Kit - RJ45 F to DB9 F - 2pk (Tripp Lite P450-000).....	56.92	
27 29 00 00-1934	EA	Null Modem Gold Cable DB9F/F - 6' (Tripp Lite P450-006).....	15.93	
27 29 00 00-1935	EA	Null Modem Gold Cable DB9F/F - 10 ft. (Tripp Lite P450-010).....	18.78	
27 29 00 00-1936	EA	Null Modem Gold Cable DB9M/F - 6' (Tripp Lite P454-006).....	17.08	
27 29 00 00-1937	EA	Null Modem Gold Cable DB9F/25M - 6' (Tripp Lite P456-006).....	19.35	
27 29 00 00-1938	EA	SVGA Mon Ext Cbl w RGB coax HD15 (M/F) - 6' (Tripp Lite P500-006).....	29.59	
27 29 00 00-1939	EA	SVGA Monitor Extension Gold Cable w RGB coax HD15M/F - 10' (Tripp Lite P500-010).....	53.50	
27 29 00 00-1940	EA	SVGA Mon Ext Gold Cbl w RGB coax HD15 (M/F) - 25' (Tripp Lite P500-025).....	79.68	
27 29 00 00-1941	EA	SVGA Monitor Extension Cable w RGB coax HD15M/F - 50' (Tripp Lite P500-050).....	145.13	
27 29 00 00-1942	EA	SVGA Monitor Extension Cable w RGB coax HD15M/F - 50' (Tripp Lite P500-075).....	210.59	
27 29 00 00-1943	EA	SVGA Monitor Extension Cable w RGB coax HD15M/F - 100' (Tripp Lite P500-100).....	241.89	
27 29 00 00-1944	EA	SVGA EZ-Pull Gold Monitor Extension Cable w RGB Coax, HD15M/F, 50' (Tripp Lite P501-050).....	284.58	
27 29 00 00-1945	EA	SVGA EasyPull Monitor Extension Cable w RGB Coax - 100' (Tripp Lite P501-100).....	512.25	
27 29 00 00-1946	EA	SVGA/XVGA Monitor Gold Cable w RGB Coax HD15M/M - 1 ft. (Tripp Lite P502-001).....	26.76	
27 29 00 00-1947	EA	SVGA/XVGA Monitor Gold Cable w RGB Coax HD15M/M - 3' (Tripp Lite P502-003).....	29.03	
27 29 00 00-1948	EA	SVGA/XVGA Gold Right-Angle Monitor Cable With RGB Coax - 3' (Tripp Lite P502-003-RA).....	39.84	
27 29 00 00-1949	EA	3ft SVGA / VGA Compact RGB Coax Monitor Cable (HD15 M/M) 3' (Tripp Lite P502-003-SM).....	31.30	
27 29 00 00-1950	EA	SVGA Monitor Cbl w RGB Coax HD15 (M/M) - 6' (Tripp Lite P502-006).....	31.88	
27 29 00 00-1951	EA	SVGA/XVGA Gold Right-Angle Monitor Cable With RGB Coax - 6' (Tripp Lite P502-006-RA).....	42.69	
27 29 00 00-1952	EA	6ft SVGA / VGA Compact RGB Coax Monitor Cable (HD15 M/M) 6' (Tripp Lite P502-006-SM).....	33.01	
27 29 00 00-1953	EA	SVGA/XVGA Monitor Gold Cable w RGB Coax HD15M/M - 10' (Tripp Lite P502-010).....	54.08	
27 29 00 00-1954	EA	SVGA/XVGA Gold Right-Angle Monitor Cable With RGB Coax - 10' (Tripp Lite P502-010-RA).....	62.60	
27 29 00 00-1955	EA	SVGA Monitor Cable w RGB Coax HD15M/M - 15' (Tripp Lite P502-015).....	73.99	
27 29 00 00-1956	EA	SVGA Monitor Gold Cbl w RGB Coax HD15 (M/M) - 25' (Tripp Lite P502-025).....	79.68	
27 29 00 00-1957	EA	XVGA Plenum Rated Monitor Gold Cable w RGB Coax HD15M/M - 25' (Tripp Lite P502-025-P).....	398.40	
27 29 00 00-1958	EA	SVGA/XVGA Gold Right-Angle Monitor Cable With RGB Coax - 25' (Tripp Lite P502-025-RA).....	91.07	
27 29 00 00-1959	EA	SVGA Monitor Cable w RGB Coax HD15M/M - 50' (Tripp Lite P502-050).....	147.97	
27 29 00 00-1960	EA	XVGA Plenum Rated Monitor Gold Cable w RGB Coax HD15M/M - 50' (Tripp Lite P502-050-P).....	853.73	
27 29 00 00-1961	EA	SVGA Monitor Gold Cable w RGB Coax HD15M/M - 100' (Tripp Lite P502-100).....	244.74	
27 29 00 00-1962	EA	SVGA EZ-Pull Gold Monitor Cable w RGB Coax, HD15M/M, 50' (Tripp Lite P503-050).....	284.58	
27 29 00 00-1963	EA	SVGA EasyPull Monitor Cable w RGB Coax - 100' (Tripp Lite P503-100).....	512.25	
27 29 00 00-1964	EA	3ft SVGA/VGA RGB Coax Monitor Cable w Aud HD15 M/M, 3.5mm M/M 3' (Tripp Lite P504-003-SM).....	56.92	
27 29 00 00-1965	EA	6ft SVGA/VGA Monitor + Audio Cable w Coax (HD15 M/M, 3.5mm M/M) (Tripp Lite P504-006).....	58.06	
27 29 00 00-1966	EA	6ft SVGA/VGA RGB Coax Monitor Cable w Aud HD15 M/M, 3.5mm M/M 6' (Tripp Lite P504-006-SM).....	68.29	
27 29 00 00-1967	EA	10' XVGA Monitor/Audio Cable w Coax HD15M/M, 3.5mm M/M (Tripp Lite P504-010).....	91.07	
27 29 00 00-1968	EA	15ft SVGA/VGA Monitor + Audio Cable w Coax (HD15 M/M, 3.5mm M/M) (Tripp Lite P504-015).....	113.83	
27 29 00 00-1969	EA	25 XVGA Monitor/Audio Cable w Coax HD15M/M, 3.5mm M/M (Tripp Lite P504-025).....	170.75	
27 29 00 00-1970	EA	25 XVGA Monitor/Audio Plenum Cable w Coax HD15M/M, 3.5mm M/M (Tripp Lite P504-025-P).....	426.88	
27 29 00 00-1971	EA	SVGA Monitor Cable with RGB Coax and Audio - HD15(M)/M - 50' (Tripp Lite P504-050).....	341.50	
27 29 00 00-1972	EA	SVGA EasyPull Monitor Coax Cable w Audio - 50' (Tripp Lite P504-050-EZ).....	369.95	
27 29 00 00-1973	EA	SVGA EasyPull Monitor Coax Cable w Audio - 100' (Tripp Lite P504-100-EZ).....	569.15	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-1974	EA	VGA Monitor Extension Gold Cable HD15M/F - 6' (Tripp Lite P510-006)	21.07	
27 29 00 00-1975	EA	VGA Monitor Extension Gold Cable HD15M/F - 10' (Tripp Lite P510-010)	21.62	
27 29 00 00-1976	EA	VGA Monitor Extension Gold Cable HD15M/F - 15' (Tripp Lite P510-015)	26.76	
27 29 00 00-1977	EA	VGA Monitor Extension Gold Cable HD15M/F - 25' (Tripp Lite P510-025)	39.84	
27 29 00 00-1978	EA	VGA Monitor Gold Cable HD15M/M - 6' (Tripp Lite P512-006)	18.22	
27 29 00 00-1979	EA	VGA Monitor Gold Cable HD15M/M - 10' (Tripp Lite P512-010)	22.76	
27 29 00 00-1980	EA	VGA/XVGA Monitor Y Splitter HD15M/2XF (Tripp Lite P516-001)	39.84	
27 29 00 00-1981	EA	VGA/XVGA Monitor Y Splitter (High Resolution) - HD15(M)/ x2 (F) - 1' (Tripp Lite P516-001-HR)	51.23	
27 29 00 00-1982	EA	CGA/EGA Monitor/Mouse Extension Cable DB9M/F - 6' (Tripp Lite P520-006)	13.08	
27 29 00 00-1983	EA	6-ft. CGA/EGA Monitor/Serial Mouse Extension Display Cable DB9F to DB9M (Tripp Lite P520-006-R)	5.12	
27 29 00 00-1984	EA	3ft DVI to VGA Cable DVI Male to HD15 Male 3' (Tripp Lite P556-003)	36.99	
27 29 00 00-1985	EA	DVI Cable, DVI Male to HD15M - 6 ft. (Tripp Lite P556-006)	39.84	
27 29 00 00-1986	EA	10ft DVI to VGA Cable DVI Male to HD15 Male 10' (Tripp Lite P556-010)	56.92	
27 29 00 00-1987	EA	3ft DVI Dual Link TMDS Cable (DVI-D M/M) 3' (Tripp Lite P560-003)	45.53	
27 29 00 00-1988	EA	DVI Dual Link TMDS Cable, DVI-D M/M - 6 ft. (Tripp Lite P560-006)	48.38	
27 29 00 00-1989	EA	DVI Dual Link TMDS Cable With Audio - DVI-D, 3.5 - 6' (Tripp Lite P560-006-A)	56.92	
27 29 00 00-1990	EA	DVI Dual Link TMDS Cable, DVI-D M/M - 10 ft. (Tripp Lite P560-010)	62.60	
27 29 00 00-1991	EA	DVI Dual Link TMDS Cable With Audio - DVI-D, 3.5mm M/M - 10' (Tripp Lite P560-010-A)	73.99	
27 29 00 00-1992	EA	DVI Dual Link TMDS Cable- DVI-D M/M - 15' (Tripp Lite P560-015)	91.07	
27 29 00 00-1993	EA	DVI Dual Link TMDS Cable- DVI-D M/M - 20' (Tripp Lite P560-020)	125.22	
27 29 00 00-1994	EA	DVI Dual Link TMDS Cable - DVI-D(M)/(M) - 25' (Tripp Lite P560-025)	165.06	
27 29 00 00-1995	EA	DVI Dual Link TMDS Cable- DVI-D M/M - 50' (15M) (Tripp Lite P560-050)	256.13	
27 29 00 00-1996	EA	DVI Dual Link TMDS Cable- DVI-D M/M - 100' (30M) (Tripp Lite P560-100)	455.33	
27 29 00 00-1997	EA	DVI Single Link TMDS Cable, DVI-D M/M - 6 ft. (Tripp Lite P561-006)	56.92	
27 29 00 00-1998	EA	DVI Single Link TMDS Cable, DVI-D M/M - 10 ft. (Tripp Lite P561-010)	73.99	
27 29 00 00-1999	EA	DVI Single Link TMDS Cable- DVI-D M/M - 50' (15M) (Tripp Lite P561-050)	199.20	
27 29 00 00-2000	EA	DVI EasyPull Cable Single link (TMDS) - 50' (Tripp Lite P561-050-EZ)	341.50	
27 29 00 00-2001	EA	75ft DVI Single Link TMDS Cable DVI-D M/M 75' (Tripp Lite P561-075)	352.87	
27 29 00 00-2002	EA	DVI Single Link TMDS Cable- DVI-D M/M - 100' (30M) (Tripp Lite P561-100)	369.95	
27 29 00 00-2003	EA	DVI EasyPull Cable Single link (TMDS) - 100' (Tripp Lite P561-100-EZ)	569.15	
27 29 00 00-2004	EA	100ft DVI High Definition Single Link TMDS Cable DVI-D M/M 100' (Tripp Lite P561-100-HD)	682.98	
27 29 00 00-2005	EA	DVI Dual Link 45deg Left Extension Cable - DVI-D M/F - 1' (Tripp Lite P562-001-45L)	56.92	
27 29 00 00-2006	EA	DVI Dual Link Extension Cable, DVI-DI M/F - 6 ft. (Tripp Lite P562-006)	65.44	
27 29 00 00-2007	EA	DVI Dual Link Splitter Cable - DVI-D(M) / DVI-I x2 (F) - 1' (Tripp Lite P564-001)	85.38	
27 29 00 00-2008	EA	HDMI to DVI Gold Digital Video Cable HDMI-M/DVI-M - 6 ft. (Tripp Lite P566-006)	85.38	
27 29 00 00-2009	EA	HDMI to DVI Gold Digital Video Cable HDMI-M/DVI-M - 10 ft. (Tripp Lite P566-010)	102.46	
27 29 00 00-2010	EA	HDMI to DVI Gold Digital Video Cable HDMI-M / DVI-M - 16' (Tripp Lite P566-016)	136.60	
27 29 00 00-2011	EA	3ft HDMI Gold Digital Video Cable 3' (Tripp Lite P568-003)	27.32	
27 29 00 00-2012	EA	HDMI Gold Digital Video Cable (Flat) - HDMI(M)/(M) - 3' (Tripp Lite P568-003-FL)	56.92	
27 29 00 00-2013	EA	Swivel HDMI Premium Gold Cable - HDMI M/M - 3 ft. (Tripp Lite P568-003-SW)	56.92	
27 29 00 00-2014	EA	HDMI Gold Digital Video Cable HDMI M/M - 6 ft. (Tripp Lite P568-006)	34.15	
27 29 00 00-2015	EA	HDMI Gold Digital Video Cable (Flat) - HDMI(M)/(M) - 6' (Tripp Lite P568-006-FL)	68.29	
27 29 00 00-2016	EA	6ft HDMI Gold Straight to Right-Angle Digital Video Cable (HDMI M/HDMI Right-Angle M) (Tripp Lite P568-006-RA)	59.77	
27 29 00 00-2017	EA	Right-Angle HDMI Gold Digital Video Cable HDMI M/M - 6' (Tripp Lite P568-006-RA2)	62.60	
27 29 00 00-2018	EA	Swivel HDMI Premium Gold Cable - HDMI M/M - 6 ft. (Tripp Lite P568-006-SW)	73.99	
27 29 00 00-2019	EA	HDMI Gold Digital Video Cable HDMI M/M - 10 ft. (Tripp Lite P568-010)	56.92	
27 29 00 00-2020	EA	HDMI Gold Digital Video Cable (Flat) - HDMI(M)/(M) - 10' (Tripp Lite P568-010-FL)	91.07	
27 29 00 00-2021	EA	Swivel HDMI Gold Video Cable - HDMI M/M - 10 ft. (Tripp Lite P568-010-SW)	96.76	
27 29 00 00-2022	EA	12ft High Speed HDMI Gold Digital Video Cable HDMI M/M 12' (Tripp Lite P568-012)	59.77	
27 29 00 00-2023	EA	HDMI Gold Digital Video Cable HDMI M/M - 16' (Tripp Lite P568-016)	91.07	
27 29 00 00-2024	EA	Flat HDMI Gold Video Cable HDMI M/M - 16' (Tripp Lite P568-016-FL)	136.60	
27 29 00 00-2025	EA	HDMI Gold Digital Video Cable - HDMI(M)/(M) - 25' (Tripp Lite P568-025)	142.30	
27 29 00 00-2026	EA	25ft Easy Pull High Speed HDMI Digital Video Cable HDMI M/M 25' (Tripp Lite P568-025-EZ)	284.58	
27 29 00 00-2027	EA	HDMI Gold Digital Video Cable - HDMI(M)/(M) - 50' (Tripp Lite P568-050)	284.58	
27 29 00 00-2028	EA	HDMI EasyPull Digital Video Cable - 50' (Tripp Lite P568-050-EZ)	426.88	
27 29 00 00-2029	EA	HDMI Gold Digital Video Cable - HDMI M/M - Plenum Rated - 50' (Tripp Lite P568-050-P)	1,309.06	
27 29 00 00-2030	EA	HDMI Gold Digital Video Cable - HDMI(M)/(M) - 100' (Tripp Lite P568-100)	569.15	
27 29 00 00-2031	EA	HDMI EasyPull Digital Video Cable - 100' (Tripp Lite P568-100-EZ)	796.83	
27 29 00 00-2032	EA	High Definition HDMI Gold Digital Video Cable, HDMI M/M - 100ft (Tripp Lite P568-100-HD)	910.66	
27 29 00 00-2033	EA	3ft High Speed With Ethernet HDMI Cable (HDMI M/M) 3' (Tripp Lite P569-003)	56.92	
27 29 00 00-2034	EA	6' High Speed With Ethernet HDMI Cable (HDMI M/M) (Tripp Lite P569-006)	73.99	
27 29 00 00-2035	EA	10' High Speed With Ethernet HDMI Cable (HDMI M/M) (Tripp Lite P569-010)	85.38	
27 29 00 00-2036	EA	16' High Speed With Ethernet HDMI Cable (HDMI M/M) (Tripp Lite P569-016)	125.22	
27 29 00 00-2037	EA	25' High Speed With Ethernet HDMI Cable (HDMI M/M) (Tripp Lite P569-025)	216.29	
27 29 00 00-2038	EA	3ft HDMI to Micro HDMI High Speed w Ethernet Vid / Aud Cable 3' (Tripp Lite P570-003-MICRO)	45.53	
27 29 00 00-2039	EA	6ft HDMI to Micro HDMI High Speed w Ethernet Vid / Aud Cable 6' (Tripp Lite P570-006-MICRO)	56.92	
27 29 00 00-2040	EA	3ft High Speed with Ethernet HDMI to Mini HDMI Cable 3' (Tripp Lite P571-003-MINI)	51.23	
27 29 00 00-2041	EA	6ft High Speed with Ethernet HDMI to Mini HDMI Cable 6' (Tripp Lite P571-006-MINI)	73.99	
27 29 00 00-2042	EA	HDMI TO Mini Gold Digital Video Cable - Mini HDMI(M)/(M) - 6' (Tripp Lite P572-006)	73.99	
27 29 00 00-2043	EA	DMS59 to (2) HD15 Splitter Cable - 1' (Tripp Lite P574-001)	79.68	
27 29 00 00-2044	EA	DMS59 to (2) DVI-I Splitter Cable - 1' (Tripp Lite P576-001)	79.68	
27 29 00 00-2045	EA	3ft Displayport Monitor Cable M/M 3' (Tripp Lite P580-003)	73.99	
27 29 00 00-2046	EA	Displayport Device Cable - 6' (Tripp Lite P580-006)	85.38	
27 29 00 00-2047	EA	Displayport Device Cable - 10' (Tripp Lite P580-010)	113.83	
27 29 00 00-2048	EA	Displayport Device Cable - 15' (Tripp Lite P580-015)	182.14	
27 29 00 00-2049	EA	DisplayPort to DVI Single-Link Device Cable - 6' (Tripp Lite P581-006)	147.97	
27 29 00 00-2050	EA	DisplayPort M to DVI-D Single-Link M Cable - 10 ft. (Tripp Lite P581-010)	182.14	
27 29 00 00-2051	EA	3ft Mini Displayport to Displayport Cable 2560 x 1600 3' (Tripp Lite P583-003)	56.92	
27 29 00 00-2052	EA	6ft Mini Displayport to Displayport Cable 2560 x 1600 6' (Tripp Lite P583-006)	62.60	
27 29 00 00-2053	EA	10ft Mini Displayport to Displayport Cable 2560 x 1600 10' (Tripp Lite P583-010)	73.99	
27 29 00 00-2054	EA	3ft Mini Displayport to Mini Displayport Cable 2560 x 1600 3' (Tripp Lite P584-003)	56.92	
27 29 00 00-2055	EA	6ft Mini Displayport to Mini Displayport Cable 2560 x 1600 6' (Tripp Lite P584-006)	62.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2056	EA		10ft Mini Displayport to Mini Displayport Cable 2560 x 1600 10' (Tripp Lite P584-010)	73.99	
27 29 00 00-2057	EA		Bidirectional Parallel Printer A/B Cable DB25M/Cen36M - 10' (Tripp Lite P602-010)	24.47	
27 29 00 00-2058	EA		IEEE1284 Gold Parallel Printer A/B Cable DB25M/Cen36M - 3' (Tripp Lite P606-003)	29.32	
27 29 00 00-2059	EA		IEEE1284 Gold Parallel Printer A/B Cable DB25M/Cen36M - 6' (Tripp Lite P606-006)	30.74	
27 29 00 00-2060	EA		IEEE1284 Gold Parallel Printer A/B Cable DB25M/Cen36M - 10' (Tripp Lite P606-010)	39.84	
27 29 00 00-2061	EA		IEEE1284 Gold Parallel Printer A/B Cable DB25M/Cen36M - 15' (Tripp Lite P606-015)	48.38	
27 29 00 00-2062	EA		IEEE1284 Parallel Printer A-C Cable DB25M/Cen36M - 6' (Tripp Lite P608-006).....	31.30	
27 29 00 00-2063	EA		IEEE 1284 Switch Gold Cable DB25M/M - 6' (Tripp Lite P710-006).....	36.99	
27 29 00 00-2064	EA		PS/2 Cable Kit for KVM Switch B004-008 - 6' (Tripp Lite P750-006).....	53.21	
27 29 00 00-2065	EA		PS/2 Cable Kit for KVM Switch B004-008 - 10' (Tripp Lite P750-010).....	73.99	
27 29 00 00-2066	EA		PS/2 Cable Kit for KVM Switch B004-008 - 15' (Tripp Lite P750-015).....	93.92	
27 29 00 00-2067	EA		KVM PS/2 Slim Cable Kit for B004-002/4, B005-002/4 And B007-008 - 6' (Tripp Lite P753-006).....	54.63	
27 29 00 00-2068	EA		KVM PS/2 Slim Cable Kit for B004-002/4, B005-002/4 And B007-008 - 10' (Tripp Lite P753-010)	78.26	
27 29 00 00-2069	EA		KVM PS/2 Slim Cable Kit for B004-002/4, B005-002/4 And B007-008 - 15' (Tripp Lite P753-015)	113.83	
27 29 00 00-2070	EA		PS/2 Cable Kit for KVM Switch B007-008 - 10' (Tripp Lite P754-010).....	78.26	
27 29 00 00-2071	EA		KVM USB with Audio Cable Kit for B006-VUA4-K-R - 10 ft. (Tripp Lite P756-010)	113.83	
27 29 00 00-2072	EA		KVM PS/2 with Audio Cable Kit for B006-VUA4-K-R - 10 ft. (Tripp Lite P757-010).....	113.83	
27 29 00 00-2073	EA		USB Cable Kit for KVM Switch B006-004-R - 6' (Tripp Lite P758-006)	53.50	
27 29 00 00-2074	EA		USB Cable Kit for KVM Switch B006-004-R - 10' (Tripp Lite P758-010)	65.44	
27 29 00 00-2075	EA		6ft Cable Kit for B002-DUA2 / B002-DUA4 Secure KVM Switches 6' (Tripp Lite P759-006).....	136.60	
27 29 00 00-2076	EA		10ft Cable Kit for B002-DUA2 / B002-DUA4 Secure KVM Switches 10' (Tripp Lite P759-010)	182.14	
27 29 00 00-2077	EA		15ft Cable Kit for B002-DUA2 / B002-DUA4 Secure KVM Switches 15' (Tripp Lite P759-015)	227.65	
27 29 00 00-2078	EA		KVM Daisy-Chain Cable for the B060-Series KVM Switches - 13' (Tripp Lite P770-013).....	284.58	
27 29 00 00-2079	EA		KVM Daisy-Chain Cable for the B060-Series KVM Switches - 10m (Tripp Lite P770-10M).....	569.15	
27 29 00 00-2080	EA		Daisy-Chain Cable Kit for KVM Switches B020-016, B020-008 and B022-016 (Tripp Lite P772-002)	102.46	
27 29 00 00-2081	EA		KVM Daisychain Cable for B020-016, B020-008 And B022-016 - 6' (Tripp Lite P772-006)	170.75	
27 29 00 00-2082	EA		KVM Daisy Chain Cable for B020 Series and B022-016 - 15' (Tripp Lite P772-015).....	313.03	
27 29 00 00-2083	EA		PS/2 Cable Kit for B020- and B022- series KVM Switches - 6' (Tripp Lite P774-006).....	92.78	
27 29 00 00-2084	EA		PS/2 Cable Kit for B020- and B022- series KVM Switches - 10' (Tripp Lite P774-010)	140.59	
27 29 00 00-2085	EA		PS/2 Cable Kit for B020- and B022- series KVM Switches - 15' (Tripp Lite P774-015)	172.46	
27 29 00 00-2086	EA		KVM PS/2 Cable Kit for B020/B022 Series Switches - 25' (Tripp Lite P774-025).....	241.89	
27 29 00 00-2087	EA		USB Cable Kit for B020- and B022- series KVM Switches - 6' (Tripp Lite P776-006)	118.39	
27 29 00 00-2088	EA		USB Cable Kit for B020- and B022- series KVM Switches - 10' (Tripp Lite P776-010)	165.06	
27 29 00 00-2089	EA		KVM USB Cable Kit for B020/B022 Series Switches - 19' (Tripp Lite P776-019)	218.55	
27 29 00 00-2090	EA		KVM USB-PS2 Combo Cable Kit for the B020/22-U08/16 Series Switches - 6ft (Tripp Lite P778-006).....	78.55	
27 29 00 00-2091	EA		KVM USB/PS2 Combo Cable Kit for the B020/22-UXX Series Switches - 10ft (Tripp Lite P778-010).....	96.76	
27 29 00 00-2092	EA		KVM USB/PS2 Combo Cable Kit for the B020/22-UXX Series Switches - 15ft (Tripp Lite P778-015).....	130.91	
27 29 00 00-2093	EA		KVM USB/PS2 Cable for B040 And B042 KVMs (includes USB AF to PS/2 M adapter) - 6' (Tripp Lite P780-006)	75.12	
27 29 00 00-2094	EA		KVM USB/PS2 Cable for B040 And B042 KVMs (includes USB AF to PS/2 M adapter) - 10' (Tripp Lite P780-010).....	98.46	
27 29 00 00-2095	EA		KVM USB/PS2 Cable for B040 And B042 KVMs (includes USB AF to PS/2 M adapter) - 15' (Tripp Lite P780-015).....	133.18	
27 29 00 00-2096	EA		KVM Daisychain Cable for the B040/42 Series KVM Switches - 3' (Tripp Lite P781-003).....	102.46	
27 29 00 00-2097	EA		KVM Daisychain Cable for the B040/42 Series KVM Switches - 6' (Tripp Lite P781-006).....	113.83	
27 29 00 00-2098	EA		KVM Daisychain Cable for the B040/42 Series KVM Switches - 10' (Tripp Lite P781-010).....	136.60	
27 29 00 00-2099	EA		KVM Daisychain Cable for the B040/42 Series KVM Switches - 16' (Tripp Lite P781-016).....	170.75	
27 29 00 00-2100	EA		UATA/UDMA EIDE 2-Drive Ribbon Cable 3x40sok - 18" (Tripp Lite P906-18I).....	18.51	
27 29 00 00-2101	EA		UATA/UDMA EIDE 2-Drive Ribbon Cable 3x40sok - 18" (Bulk) (Tripp Lite P906-18I-BP)	14.24	
27 29 00 00-2102	EA		UATA/UDMA EIDE 2-Drive Ribbon Cable 3x40sok - 24" (Tripp Lite P906-24I).....	13.66	
27 29 00 00-2103	EA		UATA/UDMA EIDE 2-Drive Ribbon Cable 3x40sok - 26" (Tripp Lite P906-26I).....	19.93	
27 29 00 00-2104	EA		Power Y Splitter 5.25" Cable - 6" (Tripp Lite P920-006)	7.12	
27 29 00 00-2105	EA		Universal CD ROM Audio Cable Assembly - 26" (Tripp Lite P930-26I)	4.83	
27 29 00 00-2106	EA		IDE to Serial ATA (SATA) Converter (Tripp Lite P936-000)	73.99	
27 29 00 00-2107	EA		8" Serial ATA (SATA) Latching Signal Cable (Tripp Lite P940-08I)	11.39	
27 29 00 00-2108	EA		Serial ATA (SATA) Signal Cable - 19" (Tripp Lite P940-19I)	14.24	
27 29 00 00-2109	EA		Serial ATA (SATA) Signal Cable - 39" (Tripp Lite P940-39I)	15.93	
27 29 00 00-2110	EA		Serial ATA (SATA) Signal Cable, 7-pin Connector straight/up - 19" (Tripp Lite P941-19I)	13.66	
27 29 00 00-2111	EA		Serial ATA (SATA) Signal Cable, 7-pin Connector straight/down - 19" (Tripp Lite P942-19I).....	13.66	
27 29 00 00-2112	EA		Serial ATA (SATA) Signal Cable, 7-pin Connector up/down - 19" (Tripp Lite P943-19I)	13.66	
27 29 00 00-2113	EA		Serial ATA (SATA) Power Cable - 6" (Tripp Lite P944-06I)	10.81	
27 29 00 00-2114	EA		Serial ATA (SATA) Power Adapter/Ext Cable - 4pin/4pin And 15pin SATA - 6" (Tripp Lite P945-06I)	17.08	
27 29 00 00-2115	EA		Serial ATA (SATA) Dual Power Adapter Cable - 4pin/2x15pin SATA - 12" (Tripp Lite P946-12I).....	17.08	
27 29 00 00-2116	EA		Serial ATA II (SATA II) Signal Cable, 2x7-pin Straight Connector - 2m (Tripp Lite P950-02M)	40.98	
27 29 00 00-2117	EA		Serial ATA II Signal Cable, 2x7-pin Straight Connector - 18" (Tripp Lite P950-18I).....	22.76	
27 29 00 00-2118	EA		Serial ATA II Signal Cable, 2x7-pin Straight Connector - 39" (Tripp Lite P950-36I).....	28.45	
27 29 00 00-2119	EA		eSATA to SATA Signal Cable With Bracket, 7P-M/7P-M, 2' (Tripp Lite P952-002).....	33.01	
27 29 00 00-2120	EA		eSATA to SATA Signal Cable - 3' (Tripp Lite P952-003)	28.45	
27 29 00 00-2121	EA		eSATA to SATA Signal Cable - 18" (Tripp Lite P952-18I).....	24.47	
27 29 00 00-2122	EA		120 Volt, 15 Amperes (13) 5-15R AC Receptacles (1) 15 Amperes Circuit Breaker 5-15P Input Plug 15 ft. Cord (Tripp Lite PDU1215).....	219.11	
27 29 00 00-2123	EA		120 Volt, 20 Amperes (13) 5- 20 R AC Receptacles (1) 20 Amperes Circuit Breaker 5- 20 P Input Plug 15 ft. Cord (Tripp Lite PDU1220).....	352.81	
27 29 00 00-2124	EA		120 Volt, 20 Amperes (13) 5- 20 R AC Receptacles (1) 20 Amperes Circuit Breaker L5- 20 P Input Plug 15 ft. Cord (Tripp Lite PDU1220T).....	363.95	
27 29 00 00-2125	EA		208 Volt, 30 Amperes (12) C-13 AC Receptacles (3) 10 Amperes Circuit Breakers L6- 30 P Input Plug 15 ft. Cord (Tripp Lite PDU1230).....	605.34	
27 29 00 00-2126	EA		100-240 Volt, 20 Amperes (12) C-13/ (2) C19 AC Receptacles (2) 16 Amperes Circuit Breakers C-20+ Input Plug N/A Cord (Tripp Lite PDU12IEC).....	490.22	
27 29 00 00-2127	EA		120 Volt, 15 Amperes (14) 5-15R AC Receptacles (1) 15 Amperes Circuit Breaker 5-15P Input Plug 15 ft. Cord (Tripp Lite PDU1415).....	408.51	
27 29 00 00-2128	EA		120 Volt, 20 Amperes (14) 5-15R AC Receptacles (1) 20 Amperes Circuit Breaker L5- 20 P Input Plug 15 ft. Cord (Tripp Lite PDU1420T)	415.94	
27 29 00 00-2129	EA		120 Volt, 30 Amperes (24) 5-15R AC Receptacles (2) 15 Amperes Circuit Breakers L5- 30 P Input Plug 15 ft. Cord (Tripp Lite PDU2430).....	605.34	
27 29 00 00-2130	EA		PDU 3-Phase Metered 208V 12.6 kW Hubbell 36 C13; 6 C19 0URM (Tripp Lite PDU3MV6H50)	1,856.88	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-2131	EA		PDU 3-Phase Metered 208V 14.4kW 36 C13; 6 C19; 3 L6-30R 0URM (Tripp Lite PDU3MV6H50A).....	2,599.63	
27 29 00 00-2132	EA		PDU 3-Phase Metered 208/120V 5.7 Kw 36 C13; 6 C19; 6 5-15/20R 0U (Tripp Lite PDU3MV6L2120).....	1,151.27	
27 29 00 00-2133	EA		PDU 3-Phase Metered 208/120V 5.7 kW 21 5-15/20R; 6 L6-20R 0URM (Tripp Lite PDU3MV6L2120B).....	1,188.40	
27 29 00 00-2134	EA		PDU 3-Phase Metered 120V 5.7 kW 42 5-15/20R L21-20P 0URM (Tripp Lite PDU3MV6L2120LV).....	1,151.27	
27 29 00 00-2135	EA		PDU 3-Phase Metered 208V / 120V 36 C13; 6 C19; 6 5-15/20R 0URM (Tripp Lite PDU3MV6L2130).....	1,671.19	
27 29 00 00-2136	EA		PDU 3-Phase Monitored 208V 8.6kWA IEC-309 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN10G30).....	2,269.11	
27 29 00 00-2137	EA		PDU 3-Phase Monitored 208V 12.6kWA IEC-309 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN10G60).....	2,889.31	
27 29 00 00-2138	EA		PDU 3-Phase Monitored 208V 12.6kWA Hubbell 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN10H50).....	2,599.63	
27 29 00 00-2139	EA		PDU 3-Phase Monitored 208V 5.7kWA L15-20P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN10L1520).....	1,897.73	
27 29 00 00-2140	EA		PDU 3-Phase Monitored 208V 8.6kWA L15-30P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN10L1530).....	2,187.40	
27 29 00 00-2141	EA		PDU 3-Phase Monitored 208V 5.7kWA L21-20P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN10L2120).....	1,548.64	
27 29 00 00-2142	EA		PDU 3-Phase Monitored 120V 5.7kWA L21-20P 36 5-15/20R 0U RM (Tripp Lite PDU3VN10L2120LV).....	1,444.65	
27 29 00 00-2143	EA		PDU 3-Phase Monitored 208V 8.6kWA L21-30P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN10L2130).....	2,187.40	
27 29 00 00-2144	EA		PDU 3-Phase Monitored 208V 8.6kWA IEC-309 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN3G30).....	2,187.40	
27 29 00 00-2145	EA		PDU 3-Phase Monitored 208V 12.6kWA IEC-309 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN3G60).....	2,807.60	
27 29 00 00-2146	EA		PDU 3-Phase Monitored 208V 12.6kWA Hubbell 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN3H50).....	2,517.93	
27 29 00 00-2147	EA		PDU 3-Phase Monitored 208V 5.7kWA L15-20P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN3L1520).....	1,856.88	
27 29 00 00-2148	EA		PDU 3-Phase Monitored 208V 8.6kWA L15-30P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN3L1530).....	2,105.70	
27 29 00 00-2149	EA		PDU 3-Phase Monitored 208V 5.7kWA L21-20P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN3L2120).....	1,485.50	
27 29 00 00-2150	EA		PDU 3-Phase Monitored 120V 5.7kWA L21-20P 36 5-15/20R 0U RM (Tripp Lite PDU3VN3L2120LV).....	1,362.95	
27 29 00 00-2151	EA		PDU 3-Phase Monitored 208V 8.6kWA L21-20P 30 C13; 6 C19 0U RM (Tripp Lite PDU3VN3L2130).....	2,105.70	
27 29 00 00-2152	EA		PDU 3-Phase Switched 208V 8.6kWA IEC-309 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR10G30).....	3,260.68	
27 29 00 00-2153	EA		PDU 3-Phase Switched 208V 12.6kWA IEC-309 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR10G60).....	3,672.91	
27 29 00 00-2154	EA		PDU 3-Phase Switched 208V 12.6kWA Hubbell 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR10H50).....	3,464.94	
27 29 00 00-2155	EA		PDU 3-Phase Switched 208V 5.7kWA L15-20P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR10L1520).....	2,763.04	
27 29 00 00-2156	EA		PDU 3-Phase Switched 208V 8.6kWA L15-30P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR10L1530).....	3,178.98	
27 29 00 00-2157	EA		PDU 3-Phase Switched 208V 5.7kWA L21-20P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR10L2120).....	2,673.91	
27 29 00 00-2158	EA		PDU 3-Phase Switched 208V 8.6kWA L21-30P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR10L2130).....	3,178.98	
27 29 00 00-2159	EA		PDU 3-Phase Switched 208V 8.6kWA IEC-309 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR3G30).....	3,178.98	
27 29 00 00-2160	EA		PDU 3-Phase Switched 208V 12.6kWA IEC-309 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR3G60).....	3,591.21	
27 29 00 00-2161	EA		PDU 3-Phase Switched 208V 12.6kWA Hubbell 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR3H50).....	3,383.24	
27 29 00 00-2162	EA		PDU 3-Phase Switched 208V 5.7kWA L15-20P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR3L1520).....	2,681.33	
27 29 00 00-2163	EA		PDU 3-Phase Switched 208V 8.6kWA L15-30P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR3L1530).....	3,093.56	
27 29 00 00-2164	EA		PDU 3-Phase Switched 208V 5.7kWA L21-20P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR3L2120).....	2,599.63	
27 29 00 00-2165	EA		PDU 3-Phase Switched 208V 8.6kWA L21-30P 21 C13; 3 C19 0U RM (Tripp Lite PDU3VSR3L2130).....	3,093.56	
27 29 00 00-2166	EA		PDU Intl 3-Phase Monitored 230V 11kWA IEC-309 30 C13; 6 C19 0U RM 10ft Cord (Tripp Lite PDU3XVN10G16).....	2,599.63	
27 29 00 00-2167	EA		PDU Intl 3-Phase Monitored 230V 11kWA IEC-309 30 C13; 6 C19 0U RM 3ft Cord (Tripp Lite PDU3XVN3G16).....	2,525.36	
27 29 00 00-2168	EA		PDU Intl 3-Phase Monitored 230V 11kWA IEC-309 30 C13; 6 C19 0U RM 3ft Cord (Tripp Lite PDU3XVSR10G16).....	3,342.38	
27 29 00 00-2169	EA		PDU Intl 3-Phase Switched 230V 11kWA IEC-309 21 C13; 3 C19 0U RM 3ft Cord (Tripp Lite PDU3XVSR3G16).....	3,268.11	
27 29 00 00-2170	EA		120 Volt, 40 (2x20) Amperes (24 (2x12)) 5-15R AC Receptacles (2) 20 Amperes Circuit Breakers (2) L5- 20 P Input Plug 15 ft. Cord (Tripp Lite PDU40TDUAL).....	642.48	
27 29 00 00-2171	EA		Power Distribution Unit Dual Source With Hot Swap 100-127 Volt, 12 Amperes, 5-15R 8 Outlet 2U RM (Tripp Lite PDUB15).....	545.92	
27 29 00 00-2172	EA		PDU Dual Source Hot Swap 100-127V 16A 5-15/20R 8 Outlet 2U RM (Tripp Lite PDUB20).....	623.91	
27 29 00 00-2173	EA		PDU Dual Source Hot Swap 100-127V 24A 5-15/20R And L5-30R 7 Out 2U RM (Tripp Lite PDUB30).....	1,247.82	
27 29 00 00-2174	EA		PDU Dual Source Hot Swap 200-240V 10A C13 C14 8 Outlet 2U RM (Tripp Lite PDUBHV10).....	586.77	
27 29 00 00-2175	EA		PDU Dual Source Hot Swap 200-240V 16A C13 C19 8 Outlet 2U RM (Tripp Lite PDUBHV20).....	701.90	
27 29 00 00-2176	EA		PDU Basic Dual Volt 100-240V 20A 2 C19; 12 C13 Outlet 1U 0U RM (Tripp Lite PDUH20DV).....	363.95	
27 29 00 00-2177	EA		PDU Basic 208V / 240V 20A C19 C13 14 Outlet L6-20P 1U RM (Tripp Lite PDUH20HVL6).....	363.95	
27 29 00 00-2178	EA		120 Volt, 15 Amperes (13) 5-15R AC Receptacles (1) 15 Amperes Circuit Breaker 5-15P Input Plug 15 ft. Cord (Tripp Lite PDUHM15).....	293.39	
27 29 00 00-2179	EA		120 Volt, 15 Amperes (8) 5-15R AC Receptacles (1) 15 Amperes Circuit Breaker 5-15P,C-13 Input Plug 12 ft. Cord (Tripp Lite PDUHM15AT).....	961.86	
27 29 00 00-2180	EA		Digital Power Distribution Unit PDU 8 NEMA 5-15R 15A And Web Card (Tripp Lite PDUHM15ATNET).....	1,574.63	
27 29 00 00-2181	EA		208/230 Volt, 15 Amperes (8) C13 AC Receptacles C14 Input Plug 6.5 ft. Cord (Tripp Lite PDUHM15HVNET).....	1,192.12	
27 29 00 00-2182	EA		PDU Switched 120V 15A 5-15R 16 Outlet 1U RM (Tripp Lite PDUHM15NET).....	1,336.95	
27 29 00 00-2183	EA		Digital Power Distribution Unit 1U RM PDU 12 NEMA5-15/20R 20A (Tripp Lite PDUHM20).....	423.37	
27 29 00 00-2184	EA		120 Volt, 20 Amperes (16) 5-15R/20R AC Receptacles (1) 20 Amperes Circuit Breaker 5-20P,C-19 Input Plug 12 ft. Cord (Tripp Lite PDUHM20AT).....	1,236.68	
27 29 00 00-2185	EA		Digital Power Distribution Unit PDU 16 NEMA 5-15/20R 20A And Web Card (Tripp Lite PDUHM20ATNET).....	1,786.32	
27 29 00 00-2186	EA		PDU Metered 200-240V 20A 8 C13; 2 C19 Outlet L6-20P 1U RM (Tripp Lite PDUHM20HV).....	471.65	
27 29 00 00-2187	EA		PDU Metered ATS 200V-240V 20A 8 C13; 2 C19 2 C20 Horizontal 1URM (Tripp Lite PDUHM20HVAT).....	1,151.27	
27 29 00 00-2188	EA		Power Distribution Unit Switched With ATS 200 Volt - 240 Volt, 16 Amperes C13 / C19 10 Outlet 1U RM (Tripp Lite PDUHM20HVATNET).....	2,213.40	
27 29 00 00-2189	EA		208/230 Volt, 20 Amperes (8) C13 AC Receptacles C20/L6-20P Input Plug 8.5 ft. Cord (Tripp Lite PDUHM20HVNET).....	1,563.49	
27 29 00 00-2190	EA		PDU Switched 120V 20A 5-15/20R 16 Outlet 1U RM (Tripp Lite PDUHM20NET).....	1,504.07	
27 29 00 00-2191	EA		PDU Metered 120V 30A 5-15/20R 12 Outlet L5-30P 1U RM (Tripp Lite PDUHM30).....	694.47	
27 29 00 00-2192	EA		PDU Metered ATS 120V 30A 24 5-15/20R; 1 L5-30R 2URM (Tripp Lite PDUHM30AT).....	1,622.91	
27 29 00 00-2193	EA		PDU Switched ATS 120V 30A 24 5-15/20R; 1 L5-30R 2URM (Tripp Lite PDUHM30ATNET).....	2,469.65	
27 29 00 00-2194	EA		PDU Metered 208/240V 24A L6-30P 16 C13; 2 C19 Outlet 2U RM (Tripp Lite PDUHM30HV).....	1,025.00	
27 29 00 00-2195	EA		PDU Switched 208V - 240V 30A C13 / C19 14 Outlet 2U RM (Tripp Lite PDUHM30HV19NET).....	2,150.27	
27 29 00 00-2196	EA		PDU Metered ATS 208/240V 30A 16 C13; 2 C19; 1 L6-30R 2U RM (Tripp Lite PDUHM30HVAT).....	1,715.76	
27 29 00 00-2197	EA		PDU Switched ATS 208/240V 30A 16 C13; 2 C19; 1 L6-30R 2U RM (Tripp Lite PDUHM30HVATNET).....	2,811.32	
27 29 00 00-2198	EA		208 Volt, 30 Amperes (16) C13 AC Receptacles (2) 15 Amperes Circuit Breakers L6-30P Input Plug 10 ft. Cord (Tripp Lite PDUHM30HVNET).....	2,042.57	
27 29 00 00-2199	EA		120 Volt, 30 Amperes (16) 5-15/20R AC Receptacles (2) 20 Amperes Circuit Breakers L5-30P Input Plug 10 ft. Cord (Tripp Lite PDUHM30NET).....	1,890.30	
27 29 00 00-2200	EA		PDU Metered 230V 7.3kVA 32A IEC-309 16 C13; 2 C19 2U RM (Tripp Lite PDUHM32HV).....	824.45	
27 29 00 00-2201	EA		PDU Switched 230V 32A 7.3kVA IEC-309 16 C13 Outlet 2U RM (Tripp Lite PDUHM32VNET).....	2,083.42	
27 29 00 00-2202	EA		PDU Monitored 120 Volt 15 Amperes (8) 5-15R AC Receptacles 5-15P Input Plug 12ft. Cord (Tripp Lite PDUHM15).....	973.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2203 EA PDU Monitored 120 Volt 20 Amperes (8) 5-15 / 20R AC Receptacles 5-20P / L5-20P Input Plug 12 ft. Cord (Tripp Lite PDUMNH20).....	1,117.84	
27 29 00 00-2204 EA PDU Monitored 208-240V 20A C13 8 Outlet L6-20P 1U RM (Tripp Lite PDUMNH20HV).....	1,076.99	
27 29 00 00-2205 EA PDU Monitored 120V 30A 5-15/20R 16 Outlet 2U RM (Tripp Lite PDUMNH30).....	1,712.04	
27 29 00 00-2206 EA PDU Monitored 208/240V 30A L6-30P 12 C13; 4 C19 Outlet 2U RM (Tripp Lite PDUMNH30HV).....	1,734.33	
27 29 00 00-2207 EA PDU Monitored 230V 7.3kVA 32A IEC-309 12 C13; 4 C19 2U RM (Tripp Lite PDUMNH32HV).....	1,756.61	
27 29 00 00-2208 EA Digital Power Distribution Unit, 120 Volt, 15 Amperes, Vertical With Real Time Remote Monitoring (Tripp Lite PDUMNV15).....	1,036.14	
27 29 00 00-2209 EA Digital Power Distribution Unit, 120 Volt, 20 Amperes, Vertical PDU With Real Time Remote Monitoring (Tripp Lite PDUMNV20).....	1,151.27	
27 29 00 00-2210 EA Digital Power Distribution Unit, 208/240 Volt, 20 Amperes, Vertical PDU With Real Time Remote Monitoring (Tripp Lite PDUMNV20HV).....	1,158.69	
27 29 00 00-2211 EA PDU Monitored 200V-240V 20A 18 C13; 2 C19 C20 Vertical 0URM (Tripp Lite PDUMNV20HV2).....	1,262.68	
27 29 00 00-2212 EA Digital Power Distribution Unit, 120 Volt, 30 Amperes, Vertical PDU With Real Time Remote Monitoring (Tripp Lite PDUMNV30).....	1,247.82	
27 29 00 00-2213 EA Digital Power Distribution Unit, 208/240 Volt, 30 Amperes Vertical With/ Real Time Remote Monitoring (Tripp Lite PDUMNV30HV).....	1,470.65	
27 29 00 00-2214 EA PDU Monitored 208V / 240V 30A 36 C13; 6 C19 Outlet Vertical 0URM (Tripp Lite PDUMNV30HV2).....	1,559.78	
27 29 00 00-2215 EA 120 Volt, 15 Amperes (16) 5-15R AC Receptacles (1) 15 Amperes Circuit Breaker 5-15P Input Plug 15 ft. Cord (Tripp Lite PDUMV15).....	334.24	
27 29 00 00-2216 EA 120 Volt, 15 Amperes (16) 5-15/20R AC Receptacles 5-15P Input Plug 10 ft. Cord (Tripp Lite PDUMV15NET).....	1,756.61	
27 29 00 00-2217 EA 120 Volt, 20 Amperes (16) 5-15R/20R AC Receptacles (1) 20 Amperes Circuit Breaker L5-20P Input Plug 15 ft. Cord (Tripp Lite PDUMV20).....	404.80	
27 29 00 00-2218 EA 208/230 Volt, 20 Amperes (32) C13/ (6) C19 AC Receptacles L6-20P Input Plug 10 ft. Cord (Tripp Lite PDUMV20HV).....	579.35	
27 29 00 00-2219 EA 208/230 Volt, 20 Amperes (21) C13/(3) C19 AC Receptacles L6-20P Input Plug 10 ft. Cord (Tripp Lite PDUMV20HVNET).....	2,087.13	
27 29 00 00-2220 EA PDU Switched 208V - 240V 20A 7 C13; 1 C19 C20 Vertical 0URM (Tripp Lite PDUMV20HVNET2).....	1,856.88	
27 29 00 00-2221 EA 120 Volt, 20 Amperes (24) 5-15/20R AC Receptacles (1) 20 Amperes Circuit Breakers L5-20P/5-20P Input Plug 10 ft. Cord (Tripp Lite PDUMV20NET).....	1,834.60	
27 29 00 00-2222 EA 120 Volt, 30 Amperes (24) 5-15/20R AC Receptacles (2) 20 Amperes Circuit Breakers L5-30P Input Plug 10 ft. Cord (Tripp Lite PDUMV30).....	809.60	
27 29 00 00-2223 EA 208 Volt, 30 (2x15) Amperes (32) C13/ 6 C19 AC Receptacles (2) 15 Amperes Circuit Breakers L6-30P Input Plug 10 ft. Cord (Tripp Lite PDUMV30HV).....	798.46	
27 29 00 00-2224 EA 208 Volt, 30 Amperes (20) C13/ (4) C19 AC Receptacles (2) 15 Amperes Circuit Breakers L6-30P Input Plug 10 ft. Cord (Tripp Lite PDUMV30HVNET).....	2,343.38	
27 29 00 00-2225 EA 120 Volt, 30 Amperes (24) 5-15/20R AC Receptacles (2) 20 Amperes Circuit Breakers L6-30P Input Plug 10 ft. Cord (Tripp Lite PDUMV30NET).....	2,183.69	
27 29 00 00-2226 EA PDU Switched 230V 30A C13 C19 24 Outlet 0U RM (Tripp Lite PDUMV32HVNET).....	2,339.67	
27 29 00 00-2227 EA 120 Volt, 40(2x20) Amperes 32(2x16) 5-15R/20R AC Receptacles (2) 20 Amperes Circuit Breaker L5-20P,5-20P Input Plug 20 ft. (2x10) Cord (Tripp Lite PDUMV40).....	809.60	
27 29 00 00-2228 EA PDU Bracket Allows for 90 Degree Installation (Tripp Lite PDUMVROTATEBRKT).....	107.70	
27 29 00 00-2229 EA 100-240 Volt, 20 Amperes (12) C-13/ (2) C19 AC Receptacles (2) 20 Amperes Circuit Breakers C-13, C19, L5- 20 P, L6- 20 P, 5-15P Input Plug 6 ft. Cord (Tripp Lite PDUUV).....	501.36	
27 29 00 00-2230 EA Rack Enclosure Vertical Installation Kit PDU, Surge, Power Strip (Tripp Lite PDUSIDEBRKT).....	86.65	
27 29 00 00-2231 EA Basic Power Distribution Unit Vertical PDU 12 NEMA 5-15R 15-Ampere (Tripp Lite PDUV15).....	230.25	
27 29 00 00-2232 EA PDU Basic 120 Volt 20 Amperes (12) 5-15 / 20R AC Receptacles (1) 20 Amperes Circuit Breaker 5-20P Input Plug 15 ft. Cord (Tripp Lite PDUV20).....	326.81	
27 29 00 00-2233 EA 280 Volt, 30 (2x15) Amperes (32) C-13/ (6) C19 AC Receptacles (2) 15 Amperes Circuit Breakers L6-30P Input Plug 10 ft. Cord (Tripp Lite PDUV30HV).....	753.89	
27 29 00 00-2234 EA Notebook Peripheral Kit (Keyboard, Mouse and Hub). (Tripp Lite PK3020KB).....	129.57	
27 29 00 00-2235 EA Notebook Peripheral Kit (Light, Mouse and Hub). (Tripp Lite PK3021LI).....	113.89	
27 29 00 00-2236 EA Notebook Peripheral Kit (Network Cable, Mouse and Hub). (Tripp Lite PK3022ET).....	97.38	
27 29 00 00-2237 EA Relocatable Power Taps, 6 outlets, 6' cord, Metal-Duplex Series, 3 line protection, noise filter. 450 joules. Beige Without tabs (Tripp Lite PM6NS).....	63.13	
27 29 00 00-2238 EA Relocatable Power Taps, 6 outlets, 6' cord, Metal-Duplex Series, 3 line protection, noise filter. 450 joules. Beige Without tabs (Tripp Lite PM6SN1).....	59.42	
27 29 00 00-2239 EA 500VA Low Profile Tower UPS for Kiosks, POS And PC's (Tripp Lite POS500).....	356.52	
27 29 00 00-2240 EA DC Power Supply 120 Volt AC Input to 13.8 Volt DC Output For 30 Watt Transmitters 10 Amperes (Tripp Lite PR10).....	250.89	
27 29 00 00-2241 EA DC Power Supply 120 Volt AC Input to 13.8 Volt DC Output For 40 Watt Transmitters 12 Amperes (Tripp Lite PR12).....	266.57	
27 29 00 00-2242 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output For 50 Watt Transmitters 15 Amperes (Tripp Lite PR15).....	380.25	
27 29 00 00-2243 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output For 60 Watt Transmitters 20 Amperes (Tripp Lite PR20).....	411.61	
27 29 00 00-2244 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output For 75/100 Watt Transmitters 25 Amperes (Tripp Lite PR25).....	517.45	
27 29 00 00-2245 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output For Home Use 3 Amperes (Tripp Lite PR3).....	103.88	
27 29 00 00-2246 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output for Home Use 3 Amperes (Tripp Lite PR3/UL).....	160.72	
27 29 00 00-2247 EA DC Power Supply 120 Volt AC Input to 13.8 Volt DC Output for 125 Watt Transmitters 30 Amperes (Tripp Lite PR30).....	540.97	
27 29 00 00-2248 EA DC Power Supply 120 Volt AC Input to 13.8 Volt DC Output for Home Use 4.5 Amperes (Tripp Lite PR4.5).....	125.44	
27 29 00 00-2249 EA DC Power Supply 120 Volt AC Input to 13.8 Volt DC Output for 150/200 Watt Transmitters 40 Amperes (Tripp Lite PR40).....	691.89	
27 29 00 00-2250 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output For 225 Watt Transmitters 50 Amperes (Tripp Lite PR50).....	776.18	
27 29 00 00-2251 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output For 250/300 Watt Transmitters 60 Amperes (Tripp Lite PR60).....	909.46	
27 29 00 00-2252 EA DC Power Supply 120 Volt AC Input To 13.8 Volt DC Output for Home Use 7 Amperes (Tripp Lite PR7).....	175.37	
27 29 00 00-2253 EA EZ Presenter (Tripp Lite PR-EZ1).....	118.63	
27 29 00 00-2254 EA Pro Presenter (Tripp Lite PR-PRO3).....	206.32	
27 29 00 00-2255 EA Keyspan Presentation Remote Pro 4 w Gyro Mouse, Laser And Audio (Tripp Lite PR-PRO4).....	260.79	
27 29 00 00-2256 EA Presentation Remote (Tripp Lite PR-US2).....	161.96	
27 29 00 00-2257 EA 8 outlets 15' cord Multiple Outlet Strip 15-Ampere (Tripp Lite PS2408).....	122.14	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-2258	EA		12 outlets 15' cord Multiple Outlet Strip 15-Amperes (Tripp Lite PS3612).....	132.04	
27 29 00 00-2259	EA		12 outlets Hardwired Multiple Outlet Strip 20-Amperes (Tripp Lite PS3612-20HW).....	125.44	
27 29 00 00-2260	EA		Power Strip 120V 5-15R 4 Outlet 10ft Cord 5-15P (Tripp Lite PS410).....	36.31	
27 29 00 00-2261	EA		Power Strip Hospital Grade 4 Outlet UL1363A 3ft-10ft Coiled Cord (Tripp Lite PS-410-HGOEMCC).....	280.60	
27 29 00 00-2262	EA		Power Strip Medical Cord Wrap Drip Shield 4 Outlet 10ft Cord (Tripp Lite PS410HGOEMX).....	316.70	
27 29 00 00-2263	EA		Power Distribution Strip. 15 ft. cord. 4 hospital-grade outlets and hospital-grade plug. (Tripp Lite PS-415-HG).....	189.81	
27 29 00 00-2264	EA		Power Distribution Strip. 15 ft. cord. 4 hospital-grade outlets and hospital-grade plug. Mounting tabs. (Tripp Lite PS-415-HG-OEM).....	189.81	
27 29 00 00-2265	EA		Power Distribution Strip. 15 ft. cord. 4 hospital-grade outlets (with hospital-grade FAULT PROTECTION GFCI) and hospital-grade plug. (Tripp Lite PS-415-HGULTRA).....	276.47	
27 29 00 00-2266	EA		16 outlets 15' cord Multiple Outlet Strip 15-Amperes (Tripp Lite PS4816).....	151.85	
27 29 00 00-2267	EA		4 Port USB Print Server (Tripp Lite PS-4A).....	297.10	
27 29 00 00-2268	EA		Relocateable Power Taps, 6 outlets, 4' cord, Plastic-Duplex Series, master on/off switch. White color Without tabs (Tripp Lite PS6).....	20.80	
27 29 00 00-2269	EA		20 outlets 15' cord Multiple Outlet Strip 15-Amperes (Tripp Lite PS6020).....	174.96	
27 29 00 00-2270	EA		Power Distribution Strip. 1½ ft. cord. 6 hospital-grade outlets and hospital-grade plug. (Tripp Lite PS-602-HG).....	134.11	
27 29 00 00-2271	EA		Power Distribution Strip. 6 ft. cord. 6 hospital-grade outlets and hospital-grade plug. (Tripp Lite PS-606-HG).....	210.45	
27 29 00 00-2272	EA		Power Strip 120V 5-15R 6 Outlet 15ft Cord 5-15P (Tripp Lite PS615).....	55.29	
27 29 00 00-2273	EA		Power Distribution Strip. 15 ft. cord. 6 hospital-grade outlets and hospital-grade plug. (Tripp Lite PS-615-HG).....	222.83	
27 29 00 00-2274	EA		Power Distribution Strip. 15 ft. cord. 6 hospital-grade outlets and hospital-grade plug. Mounting tabs. (Tripp Lite PS-615-HG-OEM).....	222.83	
27 29 00 00-2275	EA		Power Strip 120V 5-15R 7 Outlet 12ft Cord 5-15P Black (Tripp Lite PS712B).....	52.82	
27 29 00 00-2276	EA		24 outlets 15' cord Multiple Outlet Strip 15-Amperes (Tripp Lite PS7224).....	184.86	
27 29 00 00-2277	EA		24 outlets 15' cord Multiple Outlet Strip 20 -Amperes (Tripp Lite PS7224-20).....	257.49	
27 29 00 00-2278	EA		24 outlets Hardwired Multiple Outlet Strip 20 -Amperes (Tripp Lite PS7224-20HW).....	211.27	
27 29 00 00-2279	EA		24 outlets 15' cord Multiple Outlet Strip with Locking Plug 20 -Amperes (Tripp Lite PS7224-20T).....	273.99	
27 29 00 00-2280	EA		Medical Power Strip Mounting Clamp Drip Shield And Cord Management (Tripp Lite PSCLAMP).....	321.86	
27 29 00 00-2281	EA		12V DC to AC Permanent Mount Inverter with User-Supplied Cables 1000 continuous wattage 1500 instantaneous wattage 4 ac outlets (Tripp Lite PV1000HF).....	680.86	
27 29 00 00-2282	EA		12V DC to AC Inverter Plus with Charge/Load LED's 1250 continuous wattage 1875 overpower wattage 2500 doubleboost wattage 2 ac outlets (Tripp Lite PV1250FC).....	891.30	
27 29 00 00-2283	EA		12V DC to AC Portable Inverter with DC Auto Power Outlet 150 continuous wattage 300 instantaneous wattage 1 ac outlet (Tripp Lite PV150).....	96.97	
27 29 00 00-2284	EA		PV 1,800 Watt, 12 Volt DC To AC, 120 Volt Inverter With 2 GFCI Outlets (Tripp Lite PV1800GFCI).....	1,060.48	
27 29 00 00-2285	EA		12V DC to AC Permanent Mount Inverter with User-Supplied Cables 1800 continuous wattage 2700 instantaneous wattage 4 ac outlets (Tripp Lite PV1800HF).....	953.20	
27 29 00 00-2286	EA		12V DC to AC Inverter Plus with Charge/Load LED's 2000 continuous wattage 3000 overpower wattage 4000 doubleboost wattage 2 ac outlets (Tripp Lite PV2000FC).....	1,448.37	
27 29 00 00-2287	EA		24 Volt DC to AC Inverter Plus with Charge/Load LED's 2400 continuous wattage 3600 overpower wattage 4800 doubleboost wattage 2 ac outlets (Tripp Lite PV2400FC).....	1,695.95	
27 29 00 00-2288	EA		12V DC to AC Permanent Mount Inverter with User-Supplied Cables 3000 continuous wattage 6000 instantaneous wattage 4 ac outlets (Tripp Lite PV3000).....	1,469.00	
27 29 00 00-2289	EA		PV 3000W 12V DC to AC Inverter Plus with 4 GFCI Outlets (Tripp Lite PV3000GFCI).....	2,021.94	
27 29 00 00-2290	EA		12V DC to AC Portable Inverter with DC Auto Power Outlet 375 continuous wattage 600 instantaneous wattage 2 ac outlets (Tripp Lite PV375).....	152.68	
27 29 00 00-2291	EA		12V DC to AC Portable Inverter with User-Supplied Cables 700 continuous wattage 1400 instantaneous wattage 3 ac outlets (Tripp Lite PV700HF).....	284.72	
27 29 00 00-2292	EA		375W Portable PowerVerte Ultra Compact 230V Universal Outlet (Tripp Lite PVINT375).....	173.31	
27 29 00 00-2293	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC11A).....	900.22	
27 29 00 00-2294	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC12A).....	910.24	
27 29 00 00-2295	EA		Battery Cartridge for Select Tripp Lite Models (Tripp Lite RBC24-SLT).....	389.94	
27 29 00 00-2296	EA		Battery Cartridge for Select Tripp Lite Smart Online Tower UPS (Tripp Lite RBC24-SUTWR).....	371.38	
27 29 00 00-2297	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC2A).....	101.39	
27 29 00 00-2298	EA		Battery Cartridge for Select Tripp Lite Models (Tripp Lite RBC36-SLT).....	467.93	
27 29 00 00-2299	EA		Battery Cartridge for Select Tripp Lite Smart Online Tower UPS (Tripp Lite RBC48-SUTWR).....	696.33	
27 29 00 00-2300	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC49-2U).....	649.91	
27 29 00 00-2301	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC4A).....	162.29	
27 29 00 00-2302	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC51).....	133.70	
27 29 00 00-2303	EA		192 Volt DC Replacement Battery Cartridge select Online UPS 4U (Tripp Lite RBC5-192).....	1,856.88	
27 29 00 00-2304	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC52).....	107.70	
27 29 00 00-2305	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC53).....	386.23	
27 29 00 00-2306	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC54).....	538.50	
27 29 00 00-2307	EA		48 Volt DC Replacement Battery Cartridge for select UPS 2URM (Tripp Lite RBC58-2U).....	1,076.99	
27 29 00 00-2308	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC5A).....	186.06	
27 29 00 00-2309	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC62-1U).....	267.39	
27 29 00 00-2310	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC64-1U).....	348.19	
27 29 00 00-2311	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC69-1U).....	438.22	
27 29 00 00-2312	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC6A).....	389.20	
27 29 00 00-2313	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC7A).....	467.93	
27 29 00 00-2314	EA		Battery Cartridge for Select APC UPS Models (Tripp Lite RBC8A).....	497.27	
27 29 00 00-2315	EA		Battery Cartridge for Select Tripp Lite Smart Online Rackmount UPS (Tripp Lite RBC9-192).....	2,153.98	
27 29 00 00-2316	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC92-2U).....	367.66	
27 29 00 00-2317	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC93-2U).....	505.07	
27 29 00 00-2318	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brands (Tripp Lite RBC94-2U).....	696.33	
27 29 00 00-2319	EA		Battery Cartridge for Select Tripp Lite And Other Major UPS Brand (Tripp Lite RBC94-3U).....	601.63	
27 29 00 00-2320	EA		72 Volt DC Replacement Battery Cartridge Select Online UPS 2U (Tripp Lite RBC96-2U).....	742.75	
27 29 00 00-2321	EA		Battery Cartridge for Select Tripp Lite Models (Tripp Lite RBC96-3U).....	690.76	
27 29 00 00-2322	EA		Programmable Relay I/O Card for Smart Online And Pro UPS (Tripp Lite RELAYIOCARD).....	618.96	
27 29 00 00-2323	EA		UPS Internal Contact Closure Management Accessory Card (Tripp Lite RELAYIOMINI).....	412.64	
27 29 00 00-2324	EA		6 (front panel) outlets 19" length, 1U, 15-amperes rackmount, locking switch cover, 15 ft. cord (Tripp Lite RS-0615-F).....	158.45	
27 29 00 00-2325	EA		6 (rear panel) outlets 19" length, 1U, 15-amperes rackmount, locking switch cover, 15 ft. cord (Tripp Lite RS-0615-R).....	158.45	
27 29 00 00-2326	EA		12 outlets 15' cord Multiple Outlet Strip 15-Amperes (Tripp Lite RS-1215).....	158.45	

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2327	EA	12 outlets 15' cord Multiple Outlet Strip 20 -Amperes (Tripp Lite RS1215-20).....	207.97	
27 29 00 00-2328	EA	12 Outlets 15' Cord Multiple Outlet Strip With Locking Plug 20 Amperes (Tripp Lite RS-1215-20T).....	237.68	
27 29 00 00-2329	EA	Rackmount Power Distribution Strip. 15 ft. cord. 12 hospital-grade outlets (6 front/6 rear) and hospital-grade plug. (Tripp Lite RS1215-HG).....	325.99	
27 29 00 00-2330	EA	12 outlets 15' cord Multiple Outlet Strip 15-Amperes Right-Angled (Tripp Lite RS1215-RA).....	158.45	
27 29 00 00-2331	EA	RV 1200W 12V DC to AC Inverter with Isobar Surge UL Tested Hardwired (Tripp Lite RV1250ULHW).....	1,437.23	
27 29 00 00-2332	EA	Internal/External SCSI 160 LVD Ribbon Cable HD68M/F(w Bracket) - 21" (Tripp Lite S051-21).....	33.01	
27 29 00 00-2333	EA	Internal SCSI 160 2-Drive LVD/SE Ribbon Cable w Terminator 3xHD68M - 22" (Tripp Lite S052-21).....	82.53	
27 29 00 00-2334	EA	Internal SCSI 160 3-Drive Ribbon Cable w Terminator 4xHD68M - 36" (Tripp Lite S053-36).....	105.64	
27 29 00 00-2335	EA	Internal SCSI 160 4-Drive Ribbon Cable w Terminator 5xHD68M - 45" (Tripp Lite S054-45).....	133.37	
27 29 00 00-2336	EA	Internal SCSI 160 5-Drive LVD/SE Ribbon Cable w Terminator 6xHD68M - 38" (Tripp Lite S055-38).....	158.45	
27 29 00 00-2337	EA	External Active SCSI II Single-end Terminator - HD50M (Tripp Lite S122-000).....	16.51	
27 29 00 00-2338	EA	External SCSI Ultra320 LVD Active Terminator - HD68M (Tripp Lite S140-000).....	132.04	
27 29 00 00-2339	EA	External SCSI Ultra320 LVD Active Terminator - VHDCI68M (Tripp Lite S142-000).....	141.95	
27 29 00 00-2340	EA	Internal SCSI Adapter HD68F/50F Socket IDC (Tripp Lite S212-000).....	13.20	
27 29 00 00-2341	EA	External SCSI II Adapter HD50M/DB25F (Tripp Lite S236-000).....	5.94	
27 29 00 00-2342	EA	SCSI II Cable HD50M/DB25M - 6' (Tripp Lite S362-006).....	20.63	
27 29 00 00-2343	EA	SCSI II Cable HD50M/M - 6' (Tripp Lite S366-006).....	59.42	
27 29 00 00-2344	EA	SCSI III Cable HD68M/M - 6' (Tripp Lite S404-006).....	66.02	
27 29 00 00-2345	EA	SCSI III to II Cable HD50M/HD68M - 6' (Tripp Lite S410-006).....	49.52	
27 29 00 00-2346	EA	SCSI III Cable VHDCI68M/HD50M - 6' (Tripp Lite S442-006).....	82.53	
27 29 00 00-2347	EA	SCSI III Cable VHDCI68M/HD68M - 6' (Tripp Lite S444-006).....	92.43	
27 29 00 00-2348	EA	SCSI III Cable VHDCI68M/M - 6' (Tripp Lite S446-006).....	95.73	
27 29 00 00-2349	EA	SCSI Ultra2/U160/U320 LVD/SE Cable HD68M/M - 10' (Tripp Lite S450-010).....	125.44	
27 29 00 00-2350	EA	SCSI Ultra2/U160/U320 LVD/SE Cable Offset -VHDCI68M/HD68M - 6' (Tripp Lite S454-006).....	161.75	
27 29 00 00-2351	EA	SCSI Ultra2/U160/U320 LVD/SE Cable - CHDC168(M) / HD68(M) - 3' (Tripp Lite S455-003).....	125.44	
27 29 00 00-2352	EA	SCSI Ultra2/U160/U320 LVD/SE Cable VHDCI68M/HD68M - 6' (Tripp Lite S455-006).....	138.65	
27 29 00 00-2353	EA	SCSI Ultra2/U160/U320 LVD/SE Cable VHDCI68M/HD68M - 10' (Tripp Lite S455-010).....	171.66	
27 29 00 00-2354	EA	SCSI Ultra2/U160/U320 LVD/SE Cable Offset -VHDCI68M/M - 3' (Tripp Lite S456-003).....	165.06	
27 29 00 00-2355	EA	SCSI Ultra2/U160/U320 LVD/SE Cable VHDCI68M/M - 6' (Tripp Lite S457-006).....	141.95	
27 29 00 00-2356	EA	SCSI Ultra2/U160/U320 LVD/SE Cable VHDCI68M/M - 10' (Tripp Lite S457-010).....	171.66	
27 29 00 00-2357	EA	1 Meter (3') SAS Cable - SFF-8484 (Tripp Lite S500-01M).....	74.28	
27 29 00 00-2358	EA	24" Internal 4 Lane SAS Cable SFF-8484 to 4 x SFF-8482 TAA / GSA (Tripp Lite S501-24N).....	93.75	
27 29 00 00-2359	EA	1 Meter (3') SAS Cable - SFF-8484/ x4 Pin Straight (F) (Tripp Lite S502-01M).....	66.02	
27 29 00 00-2360	EA	Internal SAS 4-in-1 to 4x1 Cable, 32P to 4x7P - 20IN (Tripp Lite S502-20N).....	49.52	
27 29 00 00-2361	EA	24" Int 4 Lane Mini SAS Cable , SAS SFF-8087 to 4 x SFF-8482 TAA (Tripp Lite S504-24N).....	82.53	
27 29 00 00-2362	EA	Internal SAS mSAS (SFF-8087) to mSAS (SFF-8087) 36P/36P Cable - 3' (Tripp Lite S506-003).....	89.13	
27 29 00 00-2363	EA	Internal SAS mSAS (SFF-8087) to mSAS (SFF-8087) 36P/36P Cable - 18" (Tripp Lite S506-18N).....	79.23	
27 29 00 00-2364	EA	Internal SAS mSAS (SFF-8087) to (4) SATA (SFF-8482) 36P/(4) 7P Cable - 3' (Tripp Lite S508-003).....	79.23	
27 29 00 00-2365	EA	Internal SAS mSAS (SFF-8087) to (4) SATA (SFF-8482) 36P/(4) 7P Cable - 18" (Tripp Lite S508-18N).....	75.93	
27 29 00 00-2366	EA	Internal SAS mSAS (SFF-8087) to 4-in-1 (SFF-8484) 36P/32P Cable - 3' (Tripp Lite S510-003).....	118.84	
27 29 00 00-2367	EA	Internal SAS mSAS (SFF-8087) to 4-in-1 (SFF-8484) 36P/32P Cable - 18" (Tripp Lite S510-18N).....	102.33	
27 29 00 00-2368	EA	1 Meter External SAS Cable, SFF-8088 to SFF-8470 (Tripp Lite S520-01M).....	214.57	
27 29 00 00-2369	EA	External SAS Cable - 4 Lane - mSAS (SFF-8088) to 4xInfiniband (SFF-8470) - 2m (Tripp Lite S520-02M).....	330.11	
27 29 00 00-2370	EA	External SAS Cable - 4 Lane - mSAS (SFF-8088) to 4xInfiniband (SFF-8470) - 3m (Tripp Lite S520-03M).....	429.15	
27 29 00 00-2371	EA	1 Meter External SAS Cable, SFF-8470 to SFF-8470 (Tripp Lite S522-01M).....	214.57	
27 29 00 00-2372	EA	External SAS Cable - 4 Lane - 4xInfiniband (SFF-8470) to 4xInfiniband (SFF-8470) - 2m (Tripp Lite S522-02M).....	363.12	
27 29 00 00-2373	EA	External SAS Cable - 4 Lane - 4xInfiniband (SFF-8470) to 4xInfiniband (SFF-8470) - 3m (Tripp Lite S522-03M).....	462.16	
27 29 00 00-2374	EA	1-Meter External SAS Cable, SFF-8088 to SFF-8088 (Tripp Lite S524-01M).....	231.08	
27 29 00 00-2375	EA	External SAS Cable - 4 Lane - mSAS (SFF-8088) to mSAS (SFF-8088) - 2m (Tripp Lite S524-02M).....	330.11	
27 29 00 00-2376	EA	External SAS Cable - 4 Lane - mSAS (SFF-8088) to mSAS (SFF-8088) - 3m (Tripp Lite S524-03M).....	412.64	
27 29 00 00-2377	EA	Fibre/SCSI RAID Cable HSSDCM/DB9M - 5M (Tripp Lite S804-05M).....	247.58	
27 29 00 00-2378	EA	Security Device for Automatic Shutdown of Notebook. (Tripp Lite SEC4002RF).....	121.32	
27 29 00 00-2379	EA	Surge Protector Wallmount Direct Plug In 3 Outlet 660 Joules (Tripp Lite SK3-0).....	17.33	
27 29 00 00-2380	EA	Surge Protector Wallmount Direct Plug In 5 Outlet RJ11 1080 Jls (Tripp Lite SK5TEL-0).....	33.01	
27 29 00 00-2381	EA	6 outlets direct plug-in cord 360 joules Protect It! Surge Suppressor holds 4 Transformers (Tripp Lite SK6-0/SPIKEBLOK).....	45.39	
27 29 00 00-2382	EA	Holds 4 transformers (Black) (Tripp Lite SK6-0B).....	45.39	
27 29 00 00-2383	EA	8 outlets 8' cord 1200 joules Protect It! Surge Suppressor holds 4 Transformers (Tripp Lite SK6-6/SPIKEBAR).....	86.65	
27 29 00 00-2384	EA	TAA Compliant 1000VA UPS Smart Pro Rack/Tower 6 outlets (Tripp Lite SM1000RM2UTAA).....	1,671.19	
27 29 00 00-2385	EA	1000VA NAFTA Smart Pro Line-Int UPS Rackmount 6 outlets (Tripp Lite SM1000RMNAFTA).....	1,708.33	
27 29 00 00-2386	EA	1050VA NAFTA Smart Pro Line-Int UPS Tower 6 outlets (Tripp Lite SM1050NAFTA).....	1,403.80	
27 29 00 00-2387	EA	TAA Compliant 1500VA UPS Smart Pro Rack/Tower 8 outlets (Tripp Lite SM1500RMXL2UTAA).....	2,328.53	
27 29 00 00-2388	EA	2200VA NAFTA Smart Pro Line-Int UPS Tower 6 outlets (Tripp Lite SM2200NAFTA).....	2,525.36	
27 29 00 00-2389	EA	2200VA UPS Dual Voltage 120V - 230V TAA / GSA (Tripp Lite SM2200RMDVTAA).....	5,470.37	
27 29 00 00-2390	EA	2200VA NAFTA Smart Pro Line-Int UPS Rackmount 9 outlets (Tripp Lite SM2200RMNAFTA).....	3,186.41	
27 29 00 00-2391	EA	TAA Compliant 2200VA UPS Smart Pro Rack/Tower 8 outlets (Tripp Lite SM2200RMXL2UTAA).....	3,297.82	
27 29 00 00-2392	EA	3000VA NAFTA Smart Pro Line-Int UPS Tower 8 outlets (Tripp Lite SM3000NAFTA).....	3,628.34	
27 29 00 00-2393	EA	3000VA NAFTA Smart Pro Line-Int UPS Rackmount 9 outlets (Tripp Lite SM3000RMNAFTA).....	3,580.06	
27 29 00 00-2394	EA	TAA Compliant 3000VA UPS Smart Pro Rack/Tower 9 outlets (Tripp Lite SM3000RMXL2UTAA).....	3,854.88	
27 29 00 00-2395	EA	5000VA UPS Smart 120V - 208V 5kVA Ext USB DB9 6U RM TAA / GSA (Tripp Lite SM5000RT3UTAA).....	11,846.89	
27 29 00 00-2396	EA	500VA NAFTA Smart Pro Line-Int UPS Rackmount 7 outlets (Tripp Lite SM500RMNAFTA).....	761.32	
27 29 00 00-2397	EA	550VA NAFTA Smart Pro Line-Int UPS Tower 6 outlets (Tripp Lite SM550UNAF TA).....	415.94	
27 29 00 00-2398	EA	750VA NAFTA Smart Pro Line-Int UPS Tower 6 outlets (Tripp Lite SM750UNAF TA).....	538.50	
27 29 00 00-2399	EA	1050VA UPS System SmartPro Tower Line-Interactive 120V 6 Outlet - 1050 VA, 1 USB (Tripp Lite SMART 1050NET).....	1,028.71	
27 29 00 00-2400	EA	2200VA UPS System SmartPro Tower Network Line-Interactive 120V 6 Outlet - 2200 VA, 1 RS-232, 2 Contact Closure (Tripp Lite SMART 2200NET).....	2,443.65	
27 29 00 00-2401	EA	3000VA UPS System SmartPro Tower Network Line-Interactive 3kVA 120 Volt 8 Outlet - 3000 VA 1 RS-232, 2 Contact Closure (Tripp Lite SMART 3000NET).....	3,156.70	
27 29 00 00-2402	EA	Note: Use BP24V33 for Extended Run 700VA UPS System SmartPro Hospital Grade Tower Line-Interactive 120V 4 Outlet - 700 VAUL 60601-1 Listed, 1 RS-232, 1 USB (Tripp Lite SMART 700HG).....	1,819.74	

27 Communications

27 20 Data Communications

27 29 Data Communications Network Systems

 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

27 29 00 00-2403	EA	1000VA UPS System SmartPro Rack/Shell/Tower Digital LCD Line-Interactive 120V 8 Outlet - 1000 VA, 1 USB, 1 Line Modem/Fax, 1 Line Coax (Tripp Lite SMART1000LCD).....	471.65	
27 29 00 00-2404	EA	TAA Compliant 1000VA UPS Digital Smart Pro Rack/Tower 8 outlets (Tripp Lite SMART1000LCDTAA).....	620.20	
27 29 00 00-2405	EA	1000VA UPS System SmartPro Rack/Tower Line-Interactive 120V 6 Outlet - 1000VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART1000RM1U).....	1,686.05	
27 29 00 00-2406	EA	1000VA UPS System SmartPro Rack/Tower Line-Interactive 120V 6 Outlet - 1000VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART1000RM2U).....	1,485.50	
27 29 00 00-2407	EA	1050VA UPS System SmartPro Tower Line-Interactive 120 Volt, 8 Outlet And Slot - 1050 VA, 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART1050SLT).....	1,206.97	
27 29 00 00-2408	EA	TAA Compliant 1050VA UPS Smart Pro Tower 6 outlets And Comm Ports (Tripp Lite SMART1050SLTAA).....	1,336.95	
27 29 00 00-2409	EA	1200VA UPS System SmartPro Rack/Shell/Tower Digital LCD Line-Interactive 120V 8 Outlet - 1200 VA, 1 USB, 1 DB9, 1 Line Modem/Fax/Ethernet (Tripp Lite SMART1200LCD).....	638.77	
27 29 00 00-2410	EA	1000VA UPS System SmartPro Hospital Grade Extended Run Tower Line-Interactive 120 Volt 4 Outlet - 1000 VAUL 60601-1 Listed, 1 RS-232, 1 USB (Tripp Lite SMART1200XLHG).....	2,360.30	
		Note: Use BP36V27 for Extended Run		
27 29 00 00-2411	EA	1500VA UPS System SmartPro Tower Line-Interactive 120V 6 Outlet - 1500 VA, 1 RS-232, 1 USB (Tripp Lite SMART1500).....	1,485.50	
27 29 00 00-2412	EA	1500VA UPS Compact 4U RM Smart Pro Line-Interactive 8 outlets 120V (Tripp Lite SMART1500CRMXL).....	2,748.18	
27 29 00 00-2413	EA	1500VA UPS System SmartPro Rack/Shell/Tower Digital LCD Line-Interactive 120V 8 Outlet - 1500 VA, 1 USB, 1 DB9, 1 Line Modem/Fax/Ethernet (Tripp Lite SMART1500LCD).....	739.04	
27 29 00 00-2414	EA	1500VA 900W UPS Back Up Smart Tower LCD AVR 120V USB Coax RJ45 (Tripp Lite SMART1500LCDT).....	616.48	
27 29 00 00-2415	EA	1500VA UPS Smart LCD AVR 120V Ext Run USB DB9 RJ11 RJ45 2U RM (Tripp Lite SMART1500LCDXL).....	928.44	
27 29 00 00-2416	EA	1500VA UPS System SmartPro Rack/Tower Line-Interactive 120V 8 Outlet - 1500VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART1500RM2U).....	1,938.58	
27 29 00 00-2417	EA	1500VA UPS System SmartPro Rack/Tower Extended Run Line-Interactive 120 Volt 8 Outlet - 1500 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART1500RMXL2U).....	2,139.13	
		Note: Use BP36V15-2U or BP36V42-3U for Extended Run		
27 29 00 00-2418	EA	1500VA UPS System SmartPro Tower Line-Interactive 120 Volt, 8 Outlet And Slot - 1500 VA, 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART1500SLT).....	1,634.05	
27 29 00 00-2419	EA	1500VA UPS System SmartPro Tower Extended Run Line-Interactive 120 Volt 6 Outlet - 1500 VA 1 RS-232, 1 USB (Tripp Lite SMART1500XL).....	1,767.75	
		Note: Use BP36V27 for Extended Run		
27 29 00 00-2420	EA	TAA Compliant 1500VA UPS Smart Pro Tower Ext Run 6 outlets (Tripp Lite SMART1500XLTAA).....	1,931.16	
27 29 00 00-2421	EA	2200VA UPS Compact 4U RM Smart Pro Line-Interactive 8 outlets 120V (Tripp Lite SMART2200CRMXL).....	3,658.05	
27 29 00 00-2422	EA	2200VA UPS Smart Pro Rack/Tower Line-Interactive 8 outlets (Tripp Lite SMART2200RM2U).....	2,907.87	
27 29 00 00-2423	EA	2200VA UPS System SmartPro Rack/Tower Line-Interactive 120 Volt 8 Outlet - 2200 VA2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMART2200RMXL2U).....	2,989.58	
		Note: Use BP48V24-2U or BP48V60RT-3U for Extended Run		
27 29 00 00-2424	EA	2200VA UPS System SmartPro Tower Line-Interactive 120V 7 Outlet - 2200 VA, 1 USB, 1 DB9, SNMP Slot. (Tripp Lite SMART2200SLT).....	2,499.36	
27 29 00 00-2425	EA	TAA Compliant 2200VA UPS Smart Pro Tower 7 outlets And Comm Ports (Tripp Lite SMART2200SLTAA).....	2,755.61	
27 29 00 00-2426	EA	2200VA UPS System SmartPro Tower VS Line-Interactive 120V 9 Outlet - 2200 VA2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMART2200VS).....	2,228.26	
27 29 00 00-2427	EA	2200VA UPS System SmartPro Tower Extended Run Line-Interactive 120 Volt 10 Outlet - 2200 VA 2 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART2200VSL).....	2,517.93	
		Note: Use BP48V18 for Extended Run		
27 29 00 00-2428	EA	2600VA UPS System SmartPro Rack/Tower Line-Interactive 120 Volt 9 Outlet - 2600 VA2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMART2600RM2U).....	3,208.69	
		Note: Use BP48V24-2U or BP48V60RT-3U for Extended Run		
27 29 00 00-2429	EA	3000VA UPS Compact 4U RM Smart Pro Line-Interactive 9 outlets 120V (Tripp Lite SMART3000CRMXL).....	4,389.66	
27 29 00 00-2430	EA	3000VA UPS System SmartPro Rack/Tower Line-Interactive 3kVA 120 Volt 9 Outlet - 3000 VA2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMART3000RM2U).....	3,368.38	
		Note: Use BP48V24-2U or BP48V60RT-3U for Extended Run		
27 29 00 00-2431	EA	3,000VA Modular UPS Rack/Tower Line-Interactive With Battery Detection 7 Outlets (Tripp Lite SMART3000MOD2U).....	4,174.27	
27 29 00 00-2432	EA	3000VA UPS System SmartPro Rack/Tower Line-Interactive 3kVA 120V 9 Outlet USB, serial, EPO, SNMP Slot (Tripp Lite SMART3000RMXL2U).....	3,427.80	
27 29 00 00-2433	EA	3000VA UPS System SmartPro Tower Line-Interactive 120V 7 Outlet - 3000 VA, 1 USB, 1 DB9, SNMP Slot (Tripp Lite SMART3000SLT).....	3,338.67	
27 29 00 00-2434	EA	3000VA UPS System SmartPro Tower VS Line-Interactive 3kVA 120 Volt 10 Outlet - 3000 VA2 RS-232, 1 USB, SNMP Slot(Tripp Lite SMART3000VS).....	2,937.58	
		Note: Use BP48V18 for Extended Run		
27 29 00 00-2435	EA	5000VA UPS System SmartPro Rack/Tower Line-Interactive 5kVA 120V/208 Volt Output 14 Outlet - 5000 VA2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMART5000RT-3U).....	9,392.10	
		Note: Use BP48V60RT-3U for Extended Run		
27 29 00 00-2436	EA	5000VA UPS System SmartPro Rack/Tower Line-Interactive 5kVA 120V/208V Output 5 Outlet TEL - 5000 VA 1 RS-232, 1 USB, 1 DB9, SNMP Slot (Tripp Lite SMART5000TEL3U).....	7,234.40	
27 29 00 00-2437	EA	5000VA UPS System SmartPro Rack/Tower Line-Interactive 5kVA 120V/208 Volt Output 11 Outlet - 5000 VA 1 RS-232, 1 USB, 1 DB9, SNMP Slot (Tripp Lite SMART5000XFMRL).....	9,035.58	
		Note: Use BP48V60RT-3U for Extended Run		
27 29 00 00-2438	EA	500VA UPS System SmartPro Rack/Tower Line-Interactive 120V 7 Outlet - 500VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART500RT1U).....	586.77	
27 29 00 00-2439	EA	550VA UPS System SmartPro Tower USB Line-Interactive 120V 6 Outlet - 550 VA, 1 USB, 1 Line Modem/Fax (Tripp Lite SMART550USB).....	375.09	
27 29 00 00-2440	EA	TAA Compliant 550VA UPS Smart Pro Tower 6 outlets And USB Port (Tripp Lite SMART550USBTAA).....	449.36	
27 29 00 00-2441	EA	550VA UPS System SmartPro Tower USB Line-Interactive 120 Volt, 6 Outlet With Watchdog Software - 550VA, 1 USB, 1 Line Modem/Fax (Tripp Lite SMART550USBWD).....	430.80	
27 29 00 00-2442	EA	700VA UPS System SmartPro Tower Line-Interactive Dual Voltage 6 Outlet 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART700DV).....	2,376.81	
27 29 00 00-2443	EA	700VA UPS System SmartPro Tower Line-Interactive 120 Volt, 6 Outlet And Serial Port - 700 VA, 1 RS-232 (Tripp Lite SMART700SER).....	809.60	
27 29 00 00-2444	EA	750VA UPS System SmartPro Tower Line-Interactive 120V 6 Outlet. 1 USB (Tripp Lite SMART750).....	765.03	
27 29 00 00-2445	EA	750VA UPS System SmartPro Rack/Tower Line-Interactive 120V 6 Outlet - 750 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART750RM1U).....	1,318.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2446	EA		750VA UPS System SmartPro Rack/Tower Extended Run Line-Interactive 120 Volt 6 Outlet - 750VA 1 RS-232, 1 USB, SNMP Slot, (Tripp Lite SMART750RXL2U) 1,359.24 Note: Use BP24V28-2U or BP24V70-3U for Extended Run	1,359.24	
27 29 00 00-2447	EA		750VA UPS System SmartPro Tower Line-Interactive 120 Volt, 8 Outlet And Slot - 750 VA, 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMART750SLT)..... 987.86	987.86	
27 29 00 00-2448	EA		750VA UPS System SmartPro Tower USB Line-Interactive 120V 6 Outlet - 750 VA, 1 USB, 1 Line Modem/Fax/Ethernet (Tripp Lite SMART750USB)..... 460.51	460.51	
27 29 00 00-2449	EA		TAA Compliant 750VA UPS Smart Pro Tower 6 Outlets And USB Port (Tripp Lite SMART750USBTAA)..... 516.21	516.21	
27 29 00 00-2450	EA		750VA UPS Smart Pro Tower Ext Run Line-Interactive 8 outlets (Tripp Lite SMART750XLA) 1,229.25	1,229.25	
27 29 00 00-2451	EA		1500VA International UPS System SmartPro Tower Line-Interactive 230V 6 Outlet - 1500 VA, 2 RS-232 (Tripp Lite SMARTINT1500) 1,532.75	1,532.75	
27 29 00 00-2452	EA		2200VA International UPS System SmartPro Tower VS Line-Interactive 230V 9 Outlet - 2200 VA2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMARTINT2200VS) 2,363.81	2,363.81	
27 29 00 00-2453	EA		3000VA International UPS System SmartPro Tower VS Line-Interactive 3kVA 230 Volt 9 Outlet - 3000 VA 2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMARTINT3000VS) 3,457.51 Note: Use BP48V18 for Extended Run	3,457.51	
27 29 00 00-2454	EA		1000VA International UPS System SmartPro Rack/Tower Digital LCD 230V Line-Interactive 6 Outlet - 1000 VA 1 USB, 1 Line-Modem/Fax, 1 Line Coax (Tripp Lite SMX1000LCD) 713.45	713.45	
27 29 00 00-2455	EA		1000VA International UPS System SmartPro Rack/Tower Line-Interactive 230V 6 Outlet - 1000 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMX1000RT2U) 1,689.55	1,689.55	
27 29 00 00-2456	EA		1050VA International UPS System SmartPro Tower Line-Interactive 230V 8 Outlet - 1000 VA, 1 USB, 1 DB9, SNMP Slot. (Tripp Lite SMX1050SLT) 1,281.87	1,281.87	
27 29 00 00-2457	EA		1200VA Intl UPS Smart Pro Tower Hospital Grd Extended Run Line-Interactive 6 IEC C13 (Tripp Lite SMX1200XLHG)..... 2,218.77	2,218.77	
27 29 00 00-2458	EA		1500VA International UPS System SmartPro Rack/Tower Digital LCD 230V Line-Interactive 6 Outlet - 1500 VA 1 USB, 1 Line-Modem/Fax, 1 Line Coax (Tripp Lite SMX1500LCD) 1,038.82	1,038.82	
27 29 00 00-2459	EA		1500VA International UPS System SmartPro Tower Line-Interactive 230V 8 Outlet - 1500 VA, 1 USB, 1 DB9, SNMP Slot. (Tripp Lite SMX1500SLT) 1,622.91	1,622.91	
27 29 00 00-2460	EA		1500VA International UPS System SmartPro Rack/Tower Line-Interactive 230 Volt 8 Outlet - 1500 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMX1500XLRT2U) 2,305.01 Note: Use BP36V15-2U for Extended Run	2,305.01	
27 29 00 00-2461	EA		TAA Compliant 2200VA Intl UPS Smart Pro Rack/Tower 8 outlets 230V (Tripp Lite SMX2200RT2UTAA)..... 3,579.03	3,579.03	
27 29 00 00-2462	EA		2200VA International UPS System SmartPro Rack/Tower Line-Interactive 230 Volt 8 Outlet - 2200 VA 1 RS-232, 1 USB, 1 DB9, SNMP Slot (Tripp Lite SMX2200XLRT2U) 3,285.03 Note: Use BP48V24-2U or BP48V60RT-3U for Extended Run	3,285.03	
27 29 00 00-2463	EA		TAA Compliant 3000VA Intl UPS Smart Pro Rack/Tower 9 outlets 230V (Tripp Lite SMX3000RT2UTAA)..... 4,225.85	4,225.85	
27 29 00 00-2464	EA		3000VA International UPS System SmartPro Rack/Tower Line-Interactive 3kVA 230 Volt 9 Outlet - 3000 VA 2 RS-232, 2 USB, SNMP Slot (Tripp Lite SMX3000XLRT2U) 3,880.88 Note: Use BP48V24-2U or BP48V60RT-3U for Extended Run	3,880.88	
27 29 00 00-2465	EA		5000VA International UPS System SmartPro Rack/Tower Line-Interactive 5kVA 230 Volt 11 Outlet - 5000 VA 1 RS-232, 1 USB, 1 DB9, SNMP Slot (Tripp Lite SMX5000XLRT3U) 6,938.54 Note: Use BP48V60RT-3U for Extended Run	6,938.54	
27 29 00 00-2466	EA		500VA International UPS System SmartPro Rack/Tower Line-Interactive 230V 6 Outlet - 500 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMX500RT1U) 736.98	736.98	
27 29 00 00-2467	EA		700VA Intl UPS Smart Pro Tower Hospital Grade Line-Interactive 6 IEC320 C13 (Tripp Lite SMX700HG)..... 1,728.76	1,728.76	
27 29 00 00-2468	EA		750VA International UPS System SmartPro Tower Line-Interactive 230V 8 Outlet - 750 VA1 RS-232, 1 USB, SNMP Slot (Tripp Lite SMX750SLT) 1,066.26	1,066.26	
27 29 00 00-2469	EA		Internal Universal SNMP/Web management accessory card connects UPS to Ethernet. (Tripp Lite SNMPWEBCARD)..... 722.12	722.12	
27 29 00 00-2470	EA		TAA Compliant Internal SNMP Card for Remote UPS Management (Tripp Lite SNMPWEBCARDTAA)..... 825.28	825.28	
27 29 00 00-2471	EA		1 outlets direct plug-in cord 750 joules Protect It! Surge Suppressor holds 1 Transformer (Tripp Lite SPIKECUBE)..... 19.31	19.31	
27 29 00 00-2472	EA		Surge Protector Hospital Grade 4 Outlet UL60601-1 UL60950-1 (Tripp Lite SPS415HGULTRA) 416.77	416.77	
27 29 00 00-2473	EA		Surge Protector Strip Medical RT Angle Plug 6 Outlet 6ft Cord (Tripp Lite SPS606HGRA) 243.46	243.46	
27 29 00 00-2474	EA		Surge Protector Strip Medical RT Angle Plug 6 Outlet 10ft Cord (Tripp Lite SPS610HGRA) 247.58	247.58	
27 29 00 00-2475	EA		Economy Surge Suppressor. 15 ft. cord. 6 hospital-grade outlets and hospital-grade plug. (Tripp Lite SPS-615-HG)..... 239.33	239.33	
27 29 00 00-2476	EA		12U Rack Enclosure Server Cabinet 33" Deep With Doors And Sides (Tripp Lite SR12UB) 1,671.19	1,671.19	
27 29 00 00-2477	EA		SmartRack 1U Horizontal Brush Strip (Tripp Lite SR1UBRUSH) 102.13	102.13	
27 29 00 00-2478	EA		SmartRack 10pcs 1U Blanking Panel (Tripp Lite SR1UPANEL10)..... 129.98	129.98	
27 29 00 00-2479	EA		SmartRack 50pcs 1U Blanking Panel (Tripp Lite SR1UPANEL50)..... 408.51	408.51	
27 29 00 00-2480	EA		25U Standard Enclosure (black). 24 in. width 42 in. depth (Tripp Lite SR25UB1) 3,149.27	3,149.27	
27 29 00 00-2481	EA		24" Wide x 42" Deep, SmartRack 25U with Sides 1250lb Load Cap Shock Pallet And Ramp. (Tripp Lite SR25UBSP1)..... 3,799.18	3,799.18	
27 29 00 00-2482	EA		TAA Compliant 25U Black Rack Enclosure 3000lb Load Capacity (Tripp Lite SR25UBTAA)..... 3,691.48	3,691.48	
27 29 00 00-2483	EA		2-Post Open Frame Rack, Threaded Holes (black). 45U (Tripp Lite SR2POST)..... 519.93	519.93	
27 29 00 00-2484	EA		SmartRack 2-Post Open Frame Rack (25U) (Tripp Lite SR2POST25)..... 482.79	482.79	
27 29 00 00-2485	EA		TAA Compliant 45U 2-Post Black Open Frame Rack (Tripp Lite SR2POSTAA) 597.92	597.92	
27 29 00 00-2486	EA		Side panel for 42U cabinets (Tripp Lite SR42SIDE) 241.39	241.39	
27 29 00 00-2487	EA		42U Standard Enclosure (black). 24 in. width 42 in. depth (Tripp Lite SR42UB) 3,516.93	3,516.93	
27 29 00 00-2488	EA		42U SmartRack Enclosure Co-Location (black, with doors and side panels) 2,250 rolling to 3,000 LB stationary load capacity. 24" width x 37" depth (Tripp Lite SR42UBCL) 6,097.99	6,097.99	
27 29 00 00-2489	EA		42U Rack Enclosure Server Cabinet Deep 3000lb Load Capacity (Tripp Lite SR42UBDP)..... 4,924.45	4,924.45	
27 29 00 00-2490	EA		42U Rack Enclosure Server Cabinet Deep/Wide 3000lb Load Capacity (Tripp Lite SR42UBDPWD)..... 6,127.70	6,127.70	
27 29 00 00-2491	EA		42U Rack Enclosure Server Cabinet Industrial NEMA 12 Seismic (Tripp Lite SR42UBEIS) 6,629.06	6,629.06	
27 29 00 00-2492	EA		42U Standard Enclosure (black, without side panels). 24 in. width 42 in. depth (Tripp Lite SR42UBEXP)..... 3,086.13	3,086.13	
27 29 00 00-2493	EA		42U Open Frame Rack Enclosure Server Cabinet 3000lb Capacity (Tripp Lite SR42UBEXPND) 2,725.90	2,725.90	
27 29 00 00-2494	EA		42U Rack Enclosure Server Cabinet With Plexiglass Front Door (Tripp Lite SR42UBG) 4,010.86	4,010.86	
27 29 00 00-2495	EA		SmartRack 42U Knock-Down Black Rack Enclosure with 2250 to 3000 lb load capacity. 23.63 in. width 43 in. depth (Tripp Lite SR42UBKD) 3,219.83	3,219.83	
27 29 00 00-2496	EA		42U Rack Enclosure Shallow Depth w Doors And Sides 3,000 Lb. Capacity (Tripp Lite SR42UBSD)..... 3,583.78	3,583.78	
27 29 00 00-2497	EA		24" Wide x 42" Deep, SmartRack 42U With Sides 2500lb Load Cap Shock Pallet And Ramp. (Tripp Lite SR42UBSP1)..... 4,151.98	4,151.98	
27 29 00 00-2498	EA		TAA Compliant 42U Black Rack Enclosure 3000lb Load Capacity (Tripp Lite SR42UBTAA)..... 4,163.12	4,163.12	
27 29 00 00-2499	EA		42U Rack Enclosure Server Cabinet Thermal Duct Green Cooling (Tripp Lite SR42UBTD)..... 4,827.89	4,827.89	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 29 00 00-2500	EA		42U SmartRack Enclosure WIDE (black, with doors and side panels) 2,250 rolling to 3,000 LB stationary load capacity. 29.5" width x 37" depth (Tripp Lite SR42UBWD).....	4,523.36	
27 29 00 00-2501	EA		TAA Compliant 42U Wide Rack Enclosure 3000lb Load Capacity (Tripp Lite SR42UBWDTAA).....	4,954.16	
27 29 00 00-2502	EA		42U Rack Enclosure Server Cabinet Seismic (Tripp Lite SR42UBZ4).....	6,629.06	
27 29 00 00-2503	EA		45U Rack Enclosure Server Cabinet Doors And Sides 3,000 Lb. Capacity (Tripp Lite SR45UB).....	4,040.57	
27 29 00 00-2504	EA		SmartRack 48U Black Rack Enclosure with 2250 to 3000 lb load capacity. 23.63 in. width 43 in. depth (Tripp Lite SR48UB).....	4,363.67	
27 29 00 00-2505	EA		48U SmartRack Enclosure Co-Location (black, with doors and side panels) 2,250 rolling to 3,000 LB stationary load capacity. 24" width x 37" depth (Tripp Lite SR48UBCL).....	7,397.81	
27 29 00 00-2506	EA		48U SmartRack Enclosure Expansion (black, with doors, No side panels) 2250 rolling to 3000lb stationary load capacity. 24 in. width 37 in. depth (Tripp Lite SR48UBEXP).....	3,624.63	
27 29 00 00-2507	EA		SmartRack 48U Rack Enclosure on Shock Pallet with 3,000 LB Load Capacity (Tripp Lite SR48UBSP1).....	5,058.14	
27 29 00 00-2508	EA		TAA Compliant 48U Black Rack Enclosure 3000lb Load Capacity (Tripp Lite SR48UBTAA).....	4,683.05	
27 29 00 00-2509	EA		4-Post Open Frame Rack, Square Holes (black). Adjustable depth. 45U 24-36in. depth (Tripp Lite SR4POST).....	1,173.55	
27 29 00 00-2510	EA		45U 4-Post Open Frame Rack Cabinet Threaded 12-24 Mounted Holes (Tripp Lite SR4POST1224).....	1,299.82	
27 29 00 00-2511	EA		SmartRack 4-Post Open Frame Rack (13U) (Tripp Lite SR4POST13).....	813.31	
27 29 00 00-2512	EA		25U 4-Post Open Frame Rack Square Holes 1000lb Capacity (Tripp Lite SR4POST25).....	1,058.42	
27 29 00 00-2513	EA		TAA Compliant 45U 4-Post Black Open Frame Rack (Tripp Lite SR4POSTAA).....	1,578.35	
27 29 00 00-2514	EA		SmartRack Bolt Down Kit (Tripp Lite SRBOLTDOWN).....	111.41	
27 29 00 00-2515	EA		Brush Strip Plate for Wallmount Rack Enclosure Server Cabinet (Tripp Lite SRBRUSHWM).....	111.41	
27 29 00 00-2516	EA		SmartRack 1U Horizontal Cable Manager (finger) (Tripp Lite SRCABLEDUCT1U).....	144.84	
27 29 00 00-2517	EA		Rack Enclosure Horizontal Cable Manager Steel w Finger Duct 1URM (Tripp Lite SRCABLEDUCT1UHD).....	163.41	
27 29 00 00-2518	EA		Rack Enclosure Horizontal Cable Manager Steel w Finger Duct 2URM (Tripp Lite SRCABLEDUCT2UHD).....	222.83	
27 29 00 00-2519	EA		SmartRack 6ft Vertical Cable Manager (finger) (Tripp Lite SRCABLEDUCTVRT).....	408.51	
27 29 00 00-2520	EA		SmartRack Cable Ladder 12" x 10" (Tripp Lite SRCABLELADDER).....	564.49	
27 29 00 00-2521	EA		SmartRack 1U Horizontal Cable Manager (ring) (Tripp Lite SRCBLERING1U).....	115.13	
27 29 00 00-2522	EA		SmartRack 2U Horizontal Cable Manager (ring) (Tripp Lite SRCBLERING2U).....	126.27	
27 29 00 00-2523	EA		SmartRack 6ft Vertical Cable Manager (ring) (Tripp Lite SRCBLERINGVRT).....	334.24	
27 29 00 00-2524	EA		SmartRack Roof Mount Cable Trough (Tripp Lite SRCABLETRAY).....	256.25	
27 29 00 00-2525	EA		SmartRack Expansion Lid for Above Cable Trough (Tripp Lite SRCABLETRAYEXP).....	215.40	
27 29 00 00-2526	EA		6ft Vertical Cable Manager for Open Frame Rack 12in Wide (Tripp Lite SRCABLEVRT12).....	1,188.40	
27 29 00 00-2527	EA		6ft Vertical Cable Manager for Open Frame Rack 3in Wide (Tripp Lite SRCABLEVRT3).....	623.91	
27 29 00 00-2528	EA		6ft Vertical Cable Manager for Open Frame Rack 6in Wide (Tripp Lite SRCABLEVRT6).....	861.59	
27 29 00 00-2529	EA		SmartRack Cage Nut Kit (Tripp Lite SRCAGENUTS).....	92.84	
27 29 00 00-2530	EA		SmartRack Caster Kit for SR4POST to be Mobile (Tripp Lite SRCASTER).....	219.11	
27 29 00 00-2531	EA		Rack Enclosure Cabinet Heavy Duty Mobile Rolling Caster Kit (Tripp Lite SRCASTERHDKIT).....	345.38	
27 29 00 00-2532	EA		SmartRack Combination Lock/Door Handle (2 pack) (Tripp Lite SRCOMBO).....	531.07	
27 29 00 00-2533	EA		Portable Cooling Unit / Air Conditioner 3.4kW, 120 Volt, 60 Hertz, 12,000 BTU (Tripp Lite SRCOOL12K).....	2,265.39	
27 29 00 00-2534	EA		Rack Cooling / In Row Air Conditioner 208 Volt/240 Volt, 50/60 Hertz, 33,000 BTU (Tripp Lite SRCOOL33K).....	32,606.81	
27 29 00 00-2535	EA		SmartRack Extension Ring for 25U, 42U And 48U Enclosures (Tripp Lite SREXTENDER).....	1,114.13	
27 29 00 00-2536	EA		SmartRack 3U Fan Panel (Tripp Lite SRFAN3U).....	464.22	
27 29 00 00-2537	EA		SmartRack Roof Mount Fan for Airflow Management (Tripp Lite SRFANROOF).....	857.88	
27 29 00 00-2538	EA		Wallmount Rack Enclosure Cooling Roof Fan Kit 120V 5-15P (Tripp Lite SRFANWM).....	219.11	
27 29 00 00-2539	EA		Rack Enclosure Server Cabinet Filter Kit 25U / 42U / 45U / 48U (Tripp Lite SRFILTER).....	204.26	
27 29 00 00-2540	EA		SmartRack Airflow Optimization (Tripp Lite SRGASKET).....	219.11	
27 29 00 00-2541	EA		42U Rack Enclosure Server Cabinet Copper Bus Grounding Bar (Tripp Lite SRGROUND).....	330.52	
27 29 00 00-2542	EA		Rack Roof Hardware Kit Connecting SRCABLELADDER to Wall or Open Frame Rack (Tripp Lite SRLADDERATTACH).....	113.27	
27 29 00 00-2543	EA		SmartRack Threaded Hole Hardware Kit (Tripp Lite SRSCREWS).....	38.99	
27 29 00 00-2544	EA		SmartRack Fixed 2U Cantilever Shelf (Tripp Lite SRSHELF2P).....	159.69	
27 29 00 00-2545	EA		Fixed 1U Cantilever Shelf for 2-Post / 4-Post Rack Enclosure (Tripp Lite SRSHELF2P1U).....	152.26	
27 29 00 00-2546	EA		SmartRack Heavy Duty Fixed Shelf (Tripp Lite SRSHELF4PHD).....	267.39	
27 29 00 00-2547	EA		SmartRack Keyboard Shelf (Tripp Lite SRSHELF4PKYBD).....	590.49	
27 29 00 00-2548	EA		SmartRack Standard Sliding Shelf (Tripp Lite SRSHELF4PSL).....	534.78	
27 29 00 00-2549	EA		SmartRack Heavy Duty Sliding Shelf (Tripp Lite SRSHELF4PSLHD).....	999.00	
27 29 00 00-2550	EA		SmartRack Skirt for Bottom of Racks to Minimize Airflow (Tripp Lite SRSKIRT).....	155.98	
27 29 00 00-2551	EA		SmartRack Anti-Tip Stabilizer Plate (Tripp Lite SRSTABILIZE).....	196.83	
27 29 00 00-2552	EA		SmartRack Magnetic Door Switch (2 pack) (Tripp Lite SRSWITCH).....	129.98	
27 29 00 00-2553	EA		42U - 48U Rack Enclosure Cabinet Thermal Duct Passive Cooling (Tripp Lite SRTHERMDUCT).....	1,559.78	
27 29 00 00-2554	EA		10U Wall mount Rack Enclosure Cabinet With Door and Side Panels (Tripp Lite SRW10US).....	1,114.13	
27 29 00 00-2555	EA		12U Wall Mount Rack Enclosure Cabinet With Door And Side Panels (Tripp Lite SRW12U).....	1,002.72	
27 29 00 00-2556	EA		SmartRack 12U Wall Mount Enclosure with Doors and Side Panels (Tripp Lite SRW12US).....	1,151.27	
27 29 00 00-2557	EA		12U Wall mount Rack Enclosure Cabinet With 33" Extended Depth (Tripp Lite SRW12US33).....	1,671.19	
27 29 00 00-2558	EA		12U Wall mount Rack Enclosure Cabinet With Plexiglass Front Door (Tripp Lite SRW12USG).....	1,225.54	
27 29 00 00-2559	EA		12U Wall Mount Rack Enclosure Hinged Wallmount Industrial NEMA (Tripp Lite SRW12USNEMA).....	2,116.84	
27 29 00 00-2560	EA		18U Wall mount Rack Enclosure Cabinet With Door and Side Panels (Tripp Lite SRW18US).....	1,764.04	
27 29 00 00-2561	EA		26U Wall mount Rack Enclosure Cabinet With Door and Side Panels (Tripp Lite SRW26US).....	2,376.81	
27 29 00 00-2562	EA		6U Wall mount Rack Enclosure Cabinet With Door And Side Panels (Tripp Lite SRW6U).....	557.06	
27 29 00 00-2563	EA		9U Wall Mount Rack Enclosure Cabinet With Door And Side Panels (Tripp Lite SRW9U).....	742.75	
27 29 00 00-2564	EA		5U Wall Mount Low Profile Secure Rack Enclosure Cabinet Vertical (Tripp Lite SRWF5U).....	1,114.13	
27 29 00 00-2565	EA		12U Wall Mount Pivoting Open Frame Rack Cabinet Hinged (Tripp Lite SRWO12US).....	557.06	
27 29 00 00-2566	EA		Wall Mount 2-Post Open Frame Rack Cabinet 8U / 14U / 22U (Tripp Lite SRWO8U22).....	371.38	
27 29 00 00-2567	EA		Portable Cooling Unit / Air Conditioner 3.4kW, 230 Volt, 50 Hertz, 12,000 BTU (Tripp Lite SRXCOOL12K).....	2,469.65	
27 29 00 00-2568	EA		SmartRack 3U Fan Panel (230V) (Tripp Lite SRXFAN3U).....	467.93	
27 29 00 00-2569	EA		SmartRack Roof Mount Fan (230V) (Tripp Lite SRXFANROOF).....	817.03	
27 29 00 00-2570	EA		16 outlets 15' cord 450 joules Multiple Outlet Strip with Surge 15-Amperes (Tripp Lite SS7415-15).....	201.37	
27 29 00 00-2571	EA		16 outlets 15' cord 450 joules Multiple Outlet Strip with Surge 15-Amperes (Tripp Lite SS7619-15).....	230.25	
27 29 00 00-2572	EA		6 outlets 6' cord 360 joules Protect It! Surge Suppressor holds 3 Transformers (Tripp Lite STIKER).....	50.34	
27 29 00 00-2573	EA		7 outlets 6' cord 750 joules Protect It! Surge Suppressor holds 4 Transformers (Tripp Lite STRIKER).....	44.57	
27 29 00 00-2574	EA		10000VA UPS System SmartOnline Rack/Tower PureSine 10kVA 200V-240V Output 6 Outlet - 10000 VA Detachable Bypass PDU, 1 RS-232, 1 DB9, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU10000RT3U).....	15,304.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2575 EA 10000VA UPS System SmartOnline Rack/Tower PureSine 10kVA Transformer 120V/208V Output Hardwire - 10000 VA Detachable Bypass PDU, 1 RS-232, 1 USB, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU10000RT3U2TF).....	18,553.94	
27 29 00 00-2576 EA 10000VA Global Smart Online UPS RM 6U (6)C19 outlets 10kVA 200/240V (Tripp Lite SU10000RT3UG).....	15,727.77	
27 29 00 00-2577 EA 1000VA UPS System SmartOnline Rack/Tower PureSine 120 Volt 6 Outlet - 1000VA1 RS-232, 1 USB, SNMP Slot, (Tripp Lite SU1000RTXL2UA).....	1,853.17	
Note: Use BP24V28-2U or BP24V70-3U for Extended Run		
27 29 00 00-2578 EA 1000VA 900W UPS Smart Online Rackmount LCD 100V-120V USB 2URM (Tripp Lite SU1000RTXLCD2U).....	2,224.54	
27 29 00 00-2579 EA 1000VA UPS System SmartOnline Tower Extended Run PureSine 120 Volt 6 Outlet - 1000 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SU1000XLA).....	1,611.77	
Note: Use BP24V14 or BP24V34 for Extended Run		
27 29 00 00-2580 EA 10000VA International UPS System SmartOnline Tower PureSine 3-Phase 10kVA Hardwire - 10000 VA1 RS-232, 1 DB9, 1 AS-400, SNMP Slot, Use BP240V10RT-3U or BP240V33 for Extended Run (Tripp Lite SU10K3/1X).....	15,876.32	
27 29 00 00-2581 EA 10kVA Intl 3-Phase Smart Online UPS for Data Centers And Large Networks (Tripp Lite SU10KRT3/1X).....	15,040.73	
27 29 00 00-2582 EA 10000VA UPS System SmartOnline Rack/Tower PureSine 10kVA 200V-240V/120V Output Hardwire - 10000 VA Auto Sensing 1 RS-232, 1 DB9, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU10KRT3U).....	18,305.12	
27 29 00 00-2583 EA 10000VA UPS System SmartOnline Rack/Tower PureSine HIGH Voltage 10kVA 200V-240V Output Hardwire - 10000 VA Auto Sensing 1 RS-232, 1 DB9, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU10KRT3UHV).....	14,680.49	
27 29 00 00-2584 EA 12000VA UPS Smart Online Hot Swap 8U RM 12kVA 120-240V (Tripp Lite SU12000RT4U).....	21,892.62	
27 29 00 00-2585 EA 12000VA UPS Smart Online Hot Swap Hard Wire 8U RM 12kVA 120-240V (Tripp Lite SU12000RT4UHW).....	21,892.62	
27 29 00 00-2586 EA 12000VA UPS Smart Online Hard Wire Hot Swap 8U RM 12kVA 200-240V (Tripp Lite SU12KRT4UHW).....	20,455.39	
27 29 00 00-2587 EA 1500VA NAFTA Smart Online PureSine UPS Rackmount 6 outlets (Tripp Lite SU1500RMAFTA).....	3,082.42	
27 29 00 00-2588 EA 1500VA UPS System SmartOnline Rack/Tower PureSine 120 Volt 6 Outlet - 1500 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SU1500RTXL2UA).....	2,373.09	
Note: Use BP48V24-2U or BP48V60RT-3U for Extended Run		
27 29 00 00-2589 EA 1500VA 1350W UPS Smart Online Rackmount LCD 100V-120V USB 2URM (Tripp Lite SU1500RTXLCD2U).....	2,967.29	
27 29 00 00-2590 EA 1500VA UPS Smart Online Tower Extended Run PureSine 6 outlet (Tripp Lite SU1500XL).....	2,224.54	
27 29 00 00-2591 EA 16000VA UPS System SmartOnline Rack/Tower PureSine 10kVA 200V-240V/120V Output 13 Outlets Detachable Bypass PDU 1 RS-232, 1 USB, SNMP Slot. Use BP192BV18-4U for Extended Run (Tripp Lite SU16000RT4U).....	29,071.31	
27 29 00 00-2592 EA 16000VA UPS System SmartOnline Rack/Tower PureSine 10kVA 200V-240V/120V Output Hardwire Detachable Bypass PDU 1 RS-232, 1 USB, SNMP Slot. Use BP192BV18-4U for Extended Run (Tripp Lite SU16000RT4UHW).....	29,071.31	
27 29 00 00-2593 EA 16000VA UPS Smart Online Hot Swap 12U RM 16kVA 200V - 240V (Tripp Lite SU16KRT).....	28,031.46	
27 29 00 00-2594 EA 16000VA UPS Smart Online With TF Hot Swap 14U RM 16kVA, 120 Volt - 240 Volt (Tripp Lite SU16KRT-1TF).....	30,983.90	
27 29 00 00-2595 EA 20000VA UPS Smart Online Hot Swap 12U RM 20kVA 200V - 240V (Tripp Lite SU16KRTG).....	28,031.46	
27 29 00 00-2596 EA 20000VA UPS Smart Online Hard Wire Hot Swap 12URM 20kVA 200-240V (Tripp Lite SU16KRTHW).....	27,652.66	
27 29 00 00-2597 EA 20000VA UPS System SmartOnline Tower PureSine 3-Phase 20kVA Hard Wire - 20000 VA Includes Power Module and BP240V33 Battery Module (Tripp Lite SU20K3/3).....	37,397.56	
27 29 00 00-2598 EA 20kVA Tower Mount UPS includes five SURBC2030 Internal Battery Packs. (Tripp Lite SU20K3/3XR5).....	41,668.39	
27 29 00 00-2599 EA Wall Mount Kirk Key Bypass Panel 240V for 20kVA 3-Phase UPS (Tripp Lite SU20KMBPK).....	7,538.93	
27 29 00 00-2600 EA 20000VA UPS Smart Online Hot Swap 12U RM 20kVA 200V - 240V (Tripp Lite SU20KRT).....	31,440.69	
27 29 00 00-2601 EA 20000VA UPS Smart Online With TF Hot Swap 14U RM, 20kVA, 120 Volt - 240 Volt (Tripp Lite SU20KRT-1TF).....	34,426.56	
27 29 00 00-2602 EA 20000VA UPS Smart Online Hot Swap 12U RM 20kVA 200V - 240V (Tripp Lite SU20KRTG).....	31,440.69	
27 29 00 00-2603 EA 20000VA UPS Smart Online Hard Wire Hot Swap 12URM 20kVA 200-240V (Tripp Lite SU20KRTHW).....	31,061.89	
27 29 00 00-2604 EA 20000VA Intl Smart Online Modular 3-Phase UPS 220-415V 20kVA (Tripp Lite SU20KX).....	37,508.98	
27 29 00 00-2605 EA 2200VA NAFTA Smart Online PureSine UPS Rackmount 7 outlets (Tripp Lite SU2200RMAFTA).....	4,085.14	
27 29 00 00-2606 EA 2200VA UPS System SmartOnline Rack/Tower PureSine 120 Volt 7 Outlet - 2200 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SU2200RTXL2UA).....	3,468.65	
Note: Use BP48V24-2U or BP48V60RT-3U for Extended Run		
27 29 00 00-2607 EA 2200VA 1800W UPS Smart Online Rackmount LCD 100V-120V USB 2URM (Tripp Lite SU2200RTXLCD2U).....	4,304.25	
27 29 00 00-2608 EA 2200VA UPS System SmartOnline Tower Extended Run PureSine 120V 7 Outlet - 2200 VA1 RS-232, SNMP Slot, Use BP72V9 or BP72V18 for Extended Run (Tripp Lite SU2200XLA).....	2,893.02	
27 29 00 00-2609 EA 3000VA UPS Smart Online Rackmount 2U Economy Mode 7 Outlet Use BP72V15-2U or BP72V28RT-3U for Extended Run (Tripp Lite SU3000RTXL2U).....	4,237.40	
27 29 00 00-2610 EA 3000VA UPS System SmartOnline Rack/Tower PureSine 3kVA 120V 9 Outlet - 3000 VA 1 RS-232, 1 USB, SNMP Slot, Use BP72V15-2U or BP72V28RT-3U for Extended Run (Tripp Lite SU3000RTXL3U).....	4,482.51	
27 29 00 00-2611 EA 3000VA UPS System SmartOnline Rack/Tower PureSine HIGH Voltage 3kVA 120V 8 Outlet - 3000 VA 1 RS-232, SNMP Slot,Use BP 72V15-2U or BP72V28RT-3U for Extended Run (Tripp Lite SU3000RTXL3UHV).....	5,017.29	
27 29 00 00-2612 EA 3000VA 2700W UPS Smart Online LCD Rackmount 100-120V USB 3URM RT (Tripp Lite SU3000RTXLCD3U).....	5,366.38	
27 29 00 00-2613 EA 3000VA UPS System SmartOnline Rack/Tower PureSine 3kVA Extended Run 120V 9 Outlet - 3000 VA 1 RS-232, 1 USB, SNMP Slot, Use BP72V15-2U or BP72V28RT-3U for Extended Run (Tripp Lite SU3000RTXR3U).....	5,477.80	
27 29 00 00-2614 EA 3000VA Smart Online UPS 110/120V USB DB9 Hardwire 3kVA 3U RM (Tripp Lite SU3000RTXR3UHW).....	5,945.73	
27 29 00 00-2615 EA 3000VA UPS System SmartOnline Tower Extended Run PureSine 3kVA 120V 7 Outlet - 3000 VA1 RS-232, SNMP Slot, Use BP72V9 or BP72V18 for Extended Run (Tripp Lite SU3000XL).....	4,148.27	
27 29 00 00-2616 EA 3000VA NAFTA Smart Online PureSine UPS Ext Run 9 outlets (Tripp Lite SU3000XLNAFTA).....	4,456.51	
27 29 00 00-2617 EA 30000VA UPS System SmartOnline Tower PureSine 3-Phase 30kVA Hard Wire - 30000 VAIncludes Power Module and BP240V33 Battery Module (Tripp Lite SU30K3/3).....	43,395.29	
27 29 00 00-2618 EA 30kVA Tower Mount UPS includes five SURBC2030 Internal Battery Packs. (Tripp Lite SU30K3/3XR5).....	46,644.83	
27 29 00 00-2619 EA Wall Mount Kirk Key Bypass Panel 240V for 30kVA 3-Phase UPS (Tripp Lite SU30KMBPK).....	7,538.93	
27 29 00 00-2620 EA 40kVA Smart Online UPS 3-Phase Double Conversion With Integrated Batteries (Tripp Lite SU40K).....	77,617.58	
27 29 00 00-2621 EA Wall Mount Kirk Key Bypass Panel 240V for 40kVA 3-Phase UPS (Tripp Lite SU40KMBPK).....	9,340.11	
27 29 00 00-2622 EA Intl Wall Mount Kirk Key Bypass Panel 480V for 40kVA 3-Phase UPS (Tripp Lite SU40KMBPKX).....	7,957.76	
27 29 00 00-2623 EA 4000VA Intl Smart Online Modular 3-Phase UPS 220-415V 40kVA (Tripp Lite SU40KX).....	56,077.78	
27 29 00 00-2624 EA 5000VA UPS System SmartOnline Rack/Tower PureSine 5kVA 200V-240V Output 16 Outlet - 5000 VA 1 RS-232, 1 DB9, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU5000RT3U).....	10,777.33	
27 29 00 00-2625 EA 5000VA UPS System SmartOnline Rack/Tower PureSine HIGH Voltage 200V-240V Output 4 Outlet - 5000 VA1 RS-232, 1 DB9, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU5000RT3UHV).....	9,447.81	
27 29 00 00-2626 EA 5000VA UPS System SmartOnline Rack/Tower PureSine 5kVA 208V/240V Output 12 Outlet - 5000 VA All-In-One 1 RS-232, 1 USB, Use BP192V12-3U for Extended Run (Tripp Lite SU5000RT4U).....	10,729.05	
27 29 00 00-2627 EA 5000VA UPS Smart Online High Efficiency 4U RM 5kVA 200-240V (Tripp Lite SU5000RT4UHV).....	9,198.98	
27 29 00 00-2628 EA 5000VA UPS Smart Online High Efficiency 6U RM 5kVA 208-240V (Tripp Lite SU5000RT4UTF).....	10,628.78	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2629	EA		2U rack/tower mount isolation/distribution/step-down transformer. 208 Volt, 60 Hertz single phase input/120/240 Volt output. Outlets: 12 (15/20-amperes). L6-30P plug. (Tripp Lite SU5000XFMR2U) 2,662.77 Note: For use with SU 5000RT3UHV, SU 7500RT3U and SU 10000RT3U models.	2,662.77	
27 29 00 00-2630	EA		6000VA UPS System SmartOnline Rack/Tower PureSine 6kVA 200V-240V/120V Output Hardwire - 6000 VA External Battery Pack Included, 1 RS-232, 1 DB9, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU6000RT3U) 13,113.29	13,113.29	
27 29 00 00-2631	EA		6000VA UPS System SmartOnline Rack/Tower PureSine HIGH Voltage 6kVA 200-240V Output Hardwire - 6000 VA Auto Sensing 1 RS-232, 1 DB9, SNMP Slot, Use BP240V10RT-3U for Extended Run (Tripp Lite SU6000RT3UHV) 10,209.13	10,209.13	
27 29 00 00-2632	EA		6000VA UPS System SmartOnline Rack/Tower PureSine 6kVA 208V/240V Output 12 Outlet - 6000 VA All-In-One 1 RS-232, 1 USB, Use BP192V12-3U for Extended Run (Tripp Lite SU6000RT4U) 11,991.73	11,991.73	
27 29 00 00-2633	EA		6000VA UPS Smart Online High Efficiency 4U RM 6kVA 200-240V (Tripp Lite SU6000RT4UHV) 10,108.85	10,108.85	
27 29 00 00-2634	EA		6000VA UPS Smart Online High Efficiency 4URM C19 6kVA 200-240V (Tripp Lite SU6000RT4UHV) 10,108.85	10,108.85	
27 29 00 00-2635	EA		6000VA UPS Smart Online High Efficiency HW 4U RM 6kVA 200-240V (Tripp Lite SU6000RT4UHVHW) 9,678.06	9,678.06	
27 29 00 00-2636	EA		6000VA UPS Smart Online High Efficiency 6U RM 6kVA 208-240V (Tripp Lite SU6000RT4UTF) 11,475.52	11,475.52	
27 29 00 00-2637	EA		6000VA UPS Smart Online High Efficiency HW With TF 6kVA, 208/240 Volt (Tripp Lite SU6000RT4UTFHW) 11,895.17	11,895.17	
27 29 00 00-2638	EA		60kVA Smart Online UPS 3-Phase Double Conversion With Integrated Batteries (Tripp Lite SU60K) 87,273.36	87,273.36	
27 29 00 00-2639	EA		Wall Mount Kirk Key Bypass Panel 240V for 60kVA 3-Phase UPS (Tripp Lite SU60KMBPK) 10,268.55	10,268.55	
27 29 00 00-2640	EA		Intl Wall Mount Kirk Key Bypass Panel 480V for 60kVA 3-Phase UPS (Tripp Lite SU60KMBPKX) 14,925.60	14,925.60	
27 29 00 00-2641	EA		60kVA Smart Online N+1 Modular UPS 3-Phase IGBT 220/415V (Tripp Lite SU60KX) 70,932.82	70,932.82	
27 29 00 00-2642	EA		750VA UPS System SmartOnline Rack/Tower PureSine 120 Volt 6 Outlet - 750VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SU750RTXL2U) 1,570.92 Note: Use BP24V28-2U or BP24V70-3U for Extended Run	1,570.92	
27 29 00 00-2643	EA		750VA 675W UPS Smart Online Rackmount LCD 100V-120V USB 2URM RT (Tripp Lite SU750RTXLCD2U) 1,726.90	1,726.90	
27 29 00 00-2644	EA		750VA UPS System SmartOnline Tower PureSine 120 Volt 6 Outlet - 750 VA 1 RS-232, 1 USB, SNMP Slot (Tripp Lite SU750XL) 1,474.36 Note: Use BP24V14 or BP24V34 for Extended Run	1,474.36	
27 29 00 00-2645	EA		8000VA UPS System SmartOnline Rack/Tower PureSine 8kVA 200V-240V output 6 outlets Detachable Bypass PDU, 1 RS-232, 2 DB9 And SNMP Slot. Use BP240V10RT3U for Extended Run (Tripp Lite SU8000RT3U) 12,649.07	12,649.07	
27 29 00 00-2646	EA		8000VA UPS System SmartOnline Rack/Tower PureSine 8kVA Transformer 120V/208V output Hardwire Detachable Bypass PDU, 1 RS-232, 2 DB9 And SNMP Slot. Use BP240V10RT3U for Extended Run (Tripp Lite SU8000RT3U1TF) 14,149.43	14,149.43	
27 29 00 00-2647	EA		8000VA Global Smart Online UPS RM 6U (6)C19 outlets 8kVA 200/240V (Tripp Lite SU8000RT3UG) 13,072.44	13,072.44	
27 29 00 00-2648	EA		8000VA UPS System SmartOnline Rack/Tower PureSine 8kVA 200V-240V output Hardwire Detachable Bypass PDU, 1 RS-232, 2 DB9 And SNMP Slot. Use BP240V10RT3U for Extended Run (Tripp Lite SU8000RT3UHW) 12,649.07	12,649.07	
27 29 00 00-2649	EA		8000VA Smart Online UPS With Hot- Swappable Power Distribution Unit 208/240 Volt, 6 outlets (Tripp Lite SU8000RT3UN50) 13,596.08	13,596.08	
27 29 00 00-2650	EA		8000VA Smart Online UPS With Hot- Swap PDU And Step Down Trans 208/240 Volt (Tripp Lite SU8000RT3UN50TF) 15,103.86	15,103.86	
27 29 00 00-2651	EA		8000VA UPS System SmartOnline Rack/Tower PureSine 8kVA 200V-240V/120V Output Hardwire Detachable Bypass PDU, 1 RS-232, 1 USB, SNMP Slot. Use BP192V12-3U for Extended Run (Tripp Lite SU8000RT4U) 13,388.10	13,388.10	
27 29 00 00-2652	EA		80kVA Smart Online UPS 3-Phase Double Conversion With Integrated Batteries (Tripp Lite SU80K) 103,985.28	103,985.28	
27 29 00 00-2653	EA		Wall Mount 3-Breaker Bypass Panel With Kirk Key 240V for 80kVA 3-Phase UPS TAA / GSA (Tripp Lite SU80KMBPK) 20,072.87	20,072.87	
27 29 00 00-2654	EA		80kVA Smart Online N+1 Modular UPS 3-Phase IGBT 220/415V (Tripp Lite SU80KX) 86,633.77	86,633.77	
27 29 00 00-2655	EA		Additional Battery Compartment for all Models. Requires SURBC2030 Battery Packs. (Tripp Lite SUBF2030) 7,427.52	7,427.52	
27 29 00 00-2656	EA		208V 3-Phase Distribution Cabinet for 20-60kVA UPS 42 Pole (Tripp Lite SUDC208V42P) 10,316.00	10,316.00	
27 29 00 00-2657	EA		1000VA International UPS System SmartOnline Rack/Tower PureSine 230 Volt 6 Outlet 1 RS-232, SNMP Slot (Tripp Lite SUINT1000RTXL2U) 2,434.37 Note: Use BP36V15-2U for Extended Run	2,434.37	
27 29 00 00-2658	EA		1000VA International UPS System SmartOnline Tower PureSine 230 Volt 4 Outlet - 1000 VA 1 DB9 (Tripp Lite SUINT1000XL) 1,916.92 Note: Use BP36V13 for Extended Run	1,916.92	
27 29 00 00-2659	EA		1500VA International UPS System SmartOnline Rack/Tower PureSine 230 Volt 6 Outlet - 1500 VA 1 RS-232, SNMP Slot (Tripp Lite SUINT1500RTXL2U) 2,704.86 Note: Use BP 48V24-2U for Extended Run	2,704.86	
27 29 00 00-2660	EA		2000VA International UPS System SmartOnline Tower PureSine 230V 8 Outlet 1 DB9, SNMP Slot. Use BP72V9 for Extended Run (Tripp Lite SUINT2000XL) 2,991.02	2,991.02	
27 29 00 00-2661	EA		2200VA International UPS System SmartOnline Rack/Tower PureSine 230 Volt 6 Outlet - 2200 VA 1 RS-232, SNMP Slot (Tripp Lite SUINT2200RTXL2U) 4,300.33 Note: Use BP48V24-2U for Extended Run	4,300.33	
27 29 00 00-2662	EA		3000VA International UPS System SmartOnline Extended Run Rack/Tower PureSine Online, double-conversion 3kVA 200-240V 10 Outlet - USB, serial, contact closure, EPO and SNMP/Web card slot (Tripp Lite SUINT3000RTXL2U) 4,739.38	4,739.38	
27 29 00 00-2663	EA		3000VA International UPS System SmartOnline Rack/Tower PureSine 3kVA 230V 10 Outlet - 3000 VA 1 RS-232, SNMP Slot, Use BP72V12-2U or BP72V21-3U for Extended Run (Tripp Lite SUINT3000RTXL3U) 4,923.62	4,923.62	
27 29 00 00-2664	EA		3000VA International UPS System SmartOnline Tower PureSine 230V 3kVA 8 Outlet - 3000 VA 1 DB9, SNMP Slot. Use BP72V9 for Extended Run (Tripp Lite SUINT3000XL) 4,610.01	4,610.01	
27 29 00 00-2665	EA		Alternate back panel for SU 6000RT3UHV model only. Converts from hardwired to L6-30P plug/cord set and two L6-30R outlets. 208V. (Tripp Lite SUPDM11) 326.81	326.81	
27 29 00 00-2666	EA		Alternate back panel for distribution transformer module—SU 6000RT3U model only. Converts from hardwired to L6-30P plug/cord set and 13 outlets (ten 120V 15/20-amperes, two 208V L6-20R and one 208V L6-30R). (Tripp Lite SUPDM12) 551.29	551.29	
27 29 00 00-2667	EA		Alternate back panel for distribution transformer module—SU 6000RT3U model only. Converts from hardwired to L6-30P plug/cord set and 13 outlets (ten 120V 15/20-amperes, two 240V L6-20R and one 240V L6-30R). (Tripp Lite SUPDM13) 551.29	551.29	
27 29 00 00-2668	EA		For SU 5000RT4U and SU 6000RT4U models only. Independent detachable hardwired power distribution unit. (Tripp Lite SUPDM56HW) 260.79	260.79	
27 29 00 00-2669	EA		Converts output for select UPS Systems to Hardwire PDU (Tripp Lite SUPDMB568HW) 891.30	891.30	
27 29 00 00-2670	EA		Converts output for select UPS Systems to Hardwire PDU (Tripp Lite SUPDMB710HW) 594.20	594.20	
27 29 00 00-2671	EA		Converts output for select UPS Systems to IEC320 outlets 200-240V (Tripp Lite SUPDMB710IEC) 1,708.33	1,708.33	
27 29 00 00-2672	EA		6 outlets 6' cord 750 joules International Surge Suppressor 6 Universal Outlets/British Plug 230V (Tripp Lite SUPER6OMNI B) 47.04	47.04	
27 29 00 00-2673	EA		6 outlets 6' cord 750 joules International Surge Suppressor 6 Universal Outlets/CEE Plug 230V (Tripp Lite SUPER6OMNI D) 47.04	47.04	
27 29 00 00-2674	EA		7 outlets 6' cord 1270 joules Protect It! Surge Suppressor holds 5 Transformers (Tripp Lite SUPER6TEL) 54.47	54.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2675	EA	7 outlets 12' cord 1270 joules Protect It! Surge Suppressor holds 5 Transformers (Tripp Lite SUPER6TEL12)	79.23		
27 29 00 00-2676	EA	7 outlets 7' cord 2350 joules Protect It! Surge Suppressor holds 5 Transformers (Tripp Lite SUPER-7)	51.17		
27 29 00 00-2677	EA	Surge Protector Strip 120V 7 Outlet 7ft Cord 2160 Joules Black (Tripp Lite SUPER7B)	51.17		
27 29 00 00-2678	EA	7 outlets 7' cord 2350 joules Protect It! Surge Suppressor holds 3 Transformers (Tripp Lite SUPER7COAX)	69.32		
27 29 00 00-2679	EA	7 outlets 7' cord 2470 joules Protect It! Surge Suppressor holds 5 Transformers (Tripp Lite SUPER7TEL)	64.37		
27 29 00 00-2680	EA	7 outlets 15' cord 2720 joules Protect It! Surge Suppressor holds 5 Transformers (Tripp Lite SUPER7TEL15)	102.33		
27 29 00 00-2681	EA	240 Volt DC Internal Battery Pack for Extended Runtime. (Tripp Lite SURBC2030)	2,477.08		
27 29 00 00-2682	EA	Protect It! Surge 6 Swivel Outlets Direct Plug 1200 Joules (Tripp Lite SWIVEL6)	43.74		
27 29 00 00-2683	EA	1200VA UPS System Extended Run Tower Line-Interactive 120V 6 Outlet - 1200 VA, 1 DB9 (Tripp Lite TE1200)	1,429.80		
27 29 00 00-2684	EA	600VA UPS System Extended Run Tower Line-Interactive 120V 6 Outlet - 600 VA, 1 DB9 (Tripp Lite TE600)	746.47		
27 29 00 00-2685	EA	10 outlets 15' cord Metal-receptacle series, master switch pilot light (Tripp Lite TLM1015NC)	145.25		
27 29 00 00-2686	EA	3 outlets 6' cord Metal-receptacle series, master switch pilot light (Tripp Lite TLM306NC)	59.42		
27 29 00 00-2687	EA	4 outlets 6' cord Metal-receptacle series, master switch pilot light (Tripp Lite TLM406NC)	64.37		
27 29 00 00-2688	EA	6 outlets 6' cord 280 joules Metal housing, holds 3 transformers. (Tripp Lite TLM606)	56.12		
27 29 00 00-2689	EA	6 outlets 6' cord 450 joules Metal housing, holds 3 transformers. (Tripp Lite TLM606HJ)	61.07		
27 29 00 00-2690	EA	6 outlets 6' cord Metal-receptacle series, master switch pilot light (Tripp Lite TLM606NC)	70.97		
27 29 00 00-2691	EA	6 outlets 9' cord GFCI plug, 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM609GF)	137.00		
27 29 00 00-2692	EA	6 outlets 9' cord 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM609NS)	85.83		
27 29 00 00-2693	EA	6 outlets 9' cord 1200 joules 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM609SA)	93.26		
27 29 00 00-2694	EA	6 outlets 15' cord Metal-receptacle series, master switch pilot light (Tripp Lite TLM615NC)	89.13		
27 29 00 00-2695	EA	6 outlets 15' cord Metal-receptacle series, master switch pilot light, 20 amperes (Tripp Lite TLM615NC20)	207.97		
27 29 00 00-2696	EA	6 outlets 15' cord Metal-receptacle series, turned 90 degrees, master switch pilot light (Tripp Lite TLM615NCRA)	94.08		
27 29 00 00-2697	EA	6 outlets 15' cord 2400 joules 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM615SA)	114.71		
27 29 00 00-2698	EA	6 outlets 6' cord 450 joules Metal housing, holds 3 transformers. (Tripp Lite TLM626)	66.02		
27 29 00 00-2699	EA	6 outlets 6' cord 4 outlet safety covers (Tripp Lite TLM626NS)	51.17		
27 29 00 00-2700	EA	6 outlets 6' cord 420 joules 4 outlet safety covers (Tripp Lite TLM626SA)	61.07		
27 29 00 00-2701	EA	6 outlets 15' cord 450 joules Metal housing, holds 3 transformers. (Tripp Lite TLM626TEL15)	89.13		
27 29 00 00-2702	EA	8 outlets 12' cord GFCI plug, 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM812GF)	155.15		
27 29 00 00-2703	EA	8 outlets 12' cord 1200 joules 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM812SA)	109.76		
27 29 00 00-2704	EA	8 outlets 15' cord 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM815NS)	105.64		
27 29 00 00-2705	EA	8 outlets 25' cord GFCI plug, 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM825GF)	181.56		
27 29 00 00-2706	EA	8 outlets 25' cord 3600 joules 4 outlet safety covers, cord wrap with hang holes (Tripp Lite TLM825SA)	157.96		
27 29 00 00-2707	EA	9 outlets 15' cord Metal-receptacle series, master switch pilot light, outlet on end (Tripp Lite TLM915NC)	97.38		
27 29 00 00-2708	EA	10 outlets 8' cord 2395 joules Protect It! Surge Suppressor holds 7 Transformers (Tripp Lite TLP1008TEL)	89.13		
27 29 00 00-2709	EA	10 outlets 8' cord 3345 joules Protect It! Surge Suppressor holds 7 Transformers (Tripp Lite TLP1008TELTV)	99.03		
27 29 00 00-2710	EA	Surge Protector 120V 12 Outlet RJ11 RJ45 Coax 8ft Crd 2880 Joule (Tripp Lite TLP1208SAT)	113.89		
27 29 00 00-2711	EA	Surge Protector 12 Outlets, Tel/DSL, 8ft Cord, 2160 Joules (Tripp Lite TLP1208TEL)	95.73		
27 29 00 00-2712	EA	Surge Protector 12 Outlets, Tel/DSL, Coax, 8ft Cord, 2880 Joules (Tripp Lite TLP1208TELTV)	112.24		
27 29 00 00-2713	EA	Eco Surge Protector Green 12 Outlet Tel/Coax 10ft Cord 3600 Joules (Tripp Lite TLP1210SATG)	224.48		
27 29 00 00-2714	EA	Intl Protect It! Surge 2 Schucko Type F outlets German Plug 2 USB Ports 380 Joules (Tripp Lite TLP2USBD)	67.67		
27 29 00 00-2715	EA	Intl Protect It! Suede 2 French Type E outlets and Plug 2 USB Ports 380 Joules (Tripp Lite TLP2USBF)	67.67		
27 29 00 00-2716	EA	4 outlets 4' cord 390 joules Protect It! Surge Suppressor holds 2 Transformers (Tripp Lite TLP404)	23.11		
27 29 00 00-2717	EA	Protect It! BLK Surge 4 outlet (2 Transformers) 4ft Cord 670 Joules (Tripp Lite TLP4BK)	29.71		
27 29 00 00-2718	EA	Intl Protect It! Surge 5 Schuko Type F outlets German Plug 280 Joules (Tripp Lite TLP51D)	47.04		
27 29 00 00-2719	EA	Intl Protect It! Surge 5 French Type E outlets and Plug 280 Joules (Tripp Lite TLP51F)	47.04		
27 29 00 00-2720	EA	6 outlets 2' cord 250 joules Protect It! Surge Suppressor holds 3 Transformers (Tripp Lite TLP602)	18.16		
27 29 00 00-2721	EA	6 outlets 4' cord 720 joules Protect It! Surge Suppressor holds 3 Transformers (Tripp Lite TLP604)	24.76		
27 29 00 00-2722	EA	6 outlets 4' cord 870 joules Protect It! Surge Suppressor holds 3 Transformers (Tripp Lite TLP604TEL)	29.71		
27 29 00 00-2723	EA	6 outlets 6' cord 750 joules Protect It! Surge Suppressor holds 3 Transformers (Tripp Lite TLP606)	29.71		
27 29 00 00-2724	EA	Protect It! BLK Surge 6 outlet (3 Transformers) 6ft Cord 750 Joules (Tripp Lite TLP606B)	29.71		
27 29 00 00-2725	EA	TAA Compliant Protect It! Surge 6 outlets 6 ft Cord 750 Joules (Tripp Lite TLP606TAA)	33.01		
27 29 00 00-2726	EA	Surge Protector Strip 6 Outlet RJ11 8ft Cord 990 Joules (Tripp Lite TLP608TEL)	43.74		
27 29 00 00-2727	EA	Surge Protector Strip 6 Outlet 15ft Cord 790 Joules (Tripp Lite TLP615)	62.72		
27 29 00 00-2728	EA	Intl Protect It! Surge 6 Schuko Type F outlets German Plug 1140 Joules (Tripp Lite TLP61D)	59.42		
27 29 00 00-2729	EA	Intl Protect It! Surge 6 French Type E outlets and Plug 1140 Joules (Tripp Lite TLP61F)	59.42		
27 29 00 00-2730	EA	Surge Protector 6 Outlet 4ft Cord 540 Joules (Tripp Lite TLP64)	45.39		
27 29 00 00-2731	EA	Surge Protector 6 Outlet RJ45 6ft Cord 1080 Joules (Tripp Lite TLP66NET)	71.80		
27 29 00 00-2732	EA	Surge Protector 6 Outlet RJ45 6ft Cord 1080 Joules TAA / GSA (Tripp Lite TLP66NETAA)	82.53		
27 29 00 00-2733	EA	Eco Surge Protector Green With Remote Control 6 Outlet 6ft Cord (Tripp Lite TLP66RCG)	103.16		
27 29 00 00-2734	EA	Surge Protector Strip 6 Outlet 6ft Cord 360 Joules Black (Tripp Lite TLP6B)	27.23		
27 29 00 00-2735	EA	Surge Protector Strip 120V 7 Outlet RJ11 6ft Cord 1440 Joule (Tripp Lite TLP706TELC)	54.47		
27 29 00 00-2736	EA	7 outlets 7' cord 1270 joules Protect It! Surge Suppressor holds 5 Transformers (Tripp Lite TLP707TEL)	52.82		
27 29 00 00-2737	EA	7 outlets 12' cord 1000 joules Protect It! Surge Suppressor holds 4 Transformers (Tripp Lite TLP712)	54.47		
27 29 00 00-2738	EA	Protect It! BLK Surge 7 outlet (4 Transformers) 12ft Cord 1000 Joules (Tripp Lite TLP712B)	54.47		
27 29 00 00-2739	EA	Protect It! Surge 7 outlet (4 Transformers) 25ft Cord 1000 Joules (Tripp Lite TLP725)	95.73		
27 29 00 00-2740	EA	Surge Protector 7 Right Angle Outlets 4ft Cord 540 Joules (Tripp Lite TLP74R)	31.36		
27 29 00 00-2741	EA	Surge Protector 7 Right Angle Outlets 4ft Cord 540 Joules Black (Tripp Lite TLP74RB)	31.36		
27 29 00 00-2742	EA	Eco Surge Protector Green Timer Controlled 7 Outlet 4ft Cord (Tripp Lite TLP74TG)	102.33		
27 29 00 00-2743	EA	Eco Green Surge Protector Switched 7 Outlet Conserve Energy (Tripp Lite TLP76MSG)	70.97		
27 29 00 00-2744	EA	Surge Protector Strip 120V Right Angle 7 Outlet RJ11 Black (Tripp Lite TLP76RBTEL)	41.59		
27 29 00 00-2745	EA	Eco Surge Protector Green Timer Controlled 7 Outlet USB 8ft Crd (Tripp Lite TLP78TUSBG)	135.35		
27 29 00 00-2746	EA	Surge Protector Strip 120V 8 Outlet RJ11 6ft Cord 2160 Joule (Tripp Lite TLP806TEL)	62.72		
27 29 00 00-2747	EA	8 outlets 8' cord 1900 joules Protect It! Surge Suppressor holds 6 Transformers (Tripp Lite TLP808)	64.37		
27 29 00 00-2748	EA	Eco Surge Protector Green 8 Outlet Tel/DSL 8ft Cord 2160 Joules (Tripp Lite TLP808NETG)	156.80		
27 29 00 00-2749	EA	8 outlets 8' cord 2820 joules Protect It! Surge Suppressor holds 6 Transformers (Tripp Lite TLP808TEL)	85.83		
27 29 00 00-2750	EA	TAA Compliant Protect It! Surge 8 outlets 8ft Cord 2820 Joules (Tripp Lite TLP808TELTAA)	89.13		
27 29 00 00-2751	EA	8 outlets 8' cord 3500 joules Protect It! Surge Suppressor holds 6 Transformers (Tripp Lite TLP808TELTV)	99.03		
27 29 00 00-2752	EA	8 outlets 10' cord 3690 joules Protect It! Surge Suppressor holds 6 Transformers (Tripp Lite TLP810NET)	123.79		
27 29 00 00-2753	EA	8 outlets 10' cord 3570 joules Protect It! Surge Suppressor holds 6 Transformers (Tripp Lite TLP810SAT)	120.49		
27 29 00 00-2754	EA	Protect It! Surge 8 outlet (6 Transformers) 25ft Cord 1900 Joules (Tripp Lite TLP825)	107.29		
27 29 00 00-2755	EA	Intl Protect It! Surge 8 Schuko Type F outlets German Plug 2280 Joules (Tripp Lite TLP82D)	94.08		
27 29 00 00-2756	EA	Intl Protect It! Surge 8 French Type E outlets and Plug 2280 Joules (Tripp Lite TLP82F)	94.08		
27 29 00 00-2757	EA	Intl Protect It! Surge 8 Schuko Type F outlets German Plug Tel/Network 1140 Joules (Tripp Lite TLP82MASD)	146.90		

MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
CSI UOM			

27 29 00 00-2758	EA	Intl Protect It! Surge 8 French Type E outlets and Plug Tel/Network 1140 Joules (Tripp Lite TLP82MASF)	146.90	
27 29 00 00-2759	EA	Intl Protect It! Surge 8 Schuko Type F outlets German Plug Tel/Network 2280 Joules (Tripp Lite TLP82NSATD)	135.35	
27 29 00 00-2760	EA	Intl Protect It! Surge 8 French Type E outlets and Plug Tel/Network 2280 Joules (Tripp Lite TLP82NSATF)	135.35	
27 29 00 00-2761	EA	6 OUTLETS 6' CORD 1850 JOULES Protect It! Under Monitor Surge Suppressor with Modern/Fax Protection (Tripp Lite TMC-6)	108.73	
27 29 00 00-2762	EA	6 outlets 6' cord 1500 joules Protect It! Surge Suppressor holds 4 Transformers (Tripp Lite TR-6)	94.91	
27 29 00 00-2763	EA	6 outlets 6' cord 2100 joules Protect It! Surge Suppressor holds 4 Transformers (Tripp Lite TR-6FM)	113.89	
27 29 00 00-2764	EA	1 outlets direct plug-in 950 joules Protect It! Portable Surge Suppressor holds 1 Transformer (Tripp Lite TRAVELCUBE)	24.76	
27 29 00 00-2765	EA	2 outlets direct plug-in 1050 joules Protect It! Portable Surge Suppressor holds 2 Transformers (Tripp Lite TRAVELER)	41.26	
27 29 00 00-2766	EA	2 outlets direct plug-in 1050 joules Protect It! Portable Surge Suppressor holds 2 Transformers (Tripp Lite TRAVELER100BT)	41.26	
27 29 00 00-2767	EA	Mobile Surge Protector with 3 outlets 2 USB 540 Joules (Tripp Lite TRAVELER3USB)	54.47	
27 29 00 00-2768	EA	2 (C6) 3-prong outlets in-line 820-1130 joules Protect It! Surge Suppressor For Laptop Use (Tripp Lite TRAVELERC6)	57.77	
27 29 00 00-2769	EA	2 (C8) 2-prong outlets in-line 820-1130 joules Protect It! Surge Suppressor For Laptop Use (Tripp Lite TRAVELERC8)	57.77	
27 29 00 00-2770	EA	TuneView remote only (Tripp Lite TVREM-200C)	353.22	
27 29 00 00-2771	EA	TuneView for iTunes (Tripp Lite TVU-200C)	453.90	
27 29 00 00-2772	EA	USB A/A Extension Gold Cable A-M/F - 10' (Tripp Lite U004-010-R)	27.32	
27 29 00 00-2773	EA	USB Right Angle Gold Extension Cable A-F/M(90deg) - 10' (Tripp Lite U005-10I)	22.76	
27 29 00 00-2774	EA	USB over Category 5 Extension, up to 40M/125', USB A M/F (Tripp Lite U007-40M)	284.58	
27 29 00 00-2775	EA	USB2.0 Certified A/B Device Cable - 3' (Tripp Lite U021-003)	11.39	
27 29 00 00-2776	EA	USB 2.0 Gold A/B Device Cable - 6 ft. (Tripp Lite U022-006)	12.23	
27 29 00 00-2777	EA	USB2.0 Certified Gold A/B Device Cable - 6' (Tripp Lite U022-006-R)	20.49	
27 29 00 00-2778	EA	USB 2.0 Gold A/B Device Cable - 10 ft. (Tripp Lite U022-010)	15.93	
27 29 00 00-2779	EA	USB2.0 Certified Gold A/B Device Cable - 10' (Tripp Lite U022-010-R)	25.60	
27 29 00 00-2780	EA	USB2.0 Certified Gold A/B Device Cable - 15' (Tripp Lite U022-015)	22.20	
27 29 00 00-2781	EA	3ft USB2.0 A/B Gld Device Cbl Ferrite Chokes A Male to B Male 3' (Tripp Lite U023-003)	15.66	
27 29 00 00-2782	EA	USB2.0 Certified Gold A/B Device Cable with Ferrite Chokes - 6 ft. (Tripp Lite U023-006)	16.79	
27 29 00 00-2783	EA	USB Gold Extension Cable for USB 2.0 Cables, A (M/F) - 6' (Tripp Lite U024-006)	14.79	
27 29 00 00-2784	EA	USB Gold Extension Cable for USB 2.0 Cables, A (M/F) - 10' (Tripp Lite U024-010)	18.78	
27 29 00 00-2785	EA	USB 2.0 Port A/A 6in Ext Cable Mobile Built-in Charging Hub (Tripp Lite U024-06N-HUB)	34.15	
27 29 00 00-2786	EA	USB 2.0 Certified Active Extension Cable - 16 ft. (Tripp Lite U026-016)	91.07	
27 29 00 00-2787	EA	10M USB2.0 A/A Hi-Speed Active Extension / Repeater Cable 33ft (Tripp Lite U026-10M)	130.91	
27 29 00 00-2788	EA	20M USB2.0 A/A Hi-Speed Active Extension / Repeater Cable 65' (Tripp Lite U026-20M)	187.81	
27 29 00 00-2789	EA	USB2.0 A to 4-Pin Mini B Gold Cable - 6' (Tripp Lite U028-006)	11.39	
27 29 00 00-2790	EA	6-ft. USB 2.0 A to 4-Pin "Round" Mini B Gold Cable (Tripp Lite U029-006)	11.39	
27 29 00 00-2791	EA	3ft USB2.0 A to Mini-B Gold Device Cable A M to 5Pin Mini-B M 3' (Tripp Lite U030-003)	11.39	
27 29 00 00-2792	EA	USB2.0 A to 5-Pin Mini B Gold Cable - 6' (Tripp Lite U030-006)	12.52	
27 29 00 00-2793	EA	USB 2.0 6in Cable 5 pin mini-B Mobile Built-in Charging Hub (Tripp Lite U030-06N-HUB)	34.15	
27 29 00 00-2794	EA	Retractable USB 2.0 Device Cable, USB A (M)/USB B (M) - 4' (Tripp Lite U032-004-R)	28.45	
27 29 00 00-2795	EA	USB2.0 A/B Repeater Cable, 36' (Tripp Lite U042-036)	139.45	
27 29 00 00-2796	EA	USB2.0 A-M to Micro-USB 5-pin B-M Device Cable, 3' (Tripp Lite U050-003)	17.08	
27 29 00 00-2797	EA	USB2.0 A-M to Micro-USB 5-pin B-M Device Cable, 6' (Tripp Lite U050-006)	19.93	
27 29 00 00-2798	EA	10ft USB2.0 A to Micro-USB B Device Cable A M to Micro-B M 10' (Tripp Lite U050-010)	31.30	
27 29 00 00-2799	EA	USB to IEEE Gold Parallel Printer Adapter Cable USB A/C36M - 6' (Tripp Lite U206-006-R)	113.83	
27 29 00 00-2800	EA	USB to IEEE Parallel Printer Adapter Cable USB A Male to DB25 Female - 6 ft. (Tripp Lite U207-006)	59.77	
27 29 00 00-2801	EA	USB to Serial Adapter (Tripp Lite U209-000-R)	85.38	
27 29 00 00-2802	EA	4 Port USB 2.0 Peripheral Sharing Switch, Connects up to four PCs to one printer. (Tripp Lite U215-004-R)	187.81	
27 29 00 00-2803	EA	USB PS/2 Adapter (Tripp Lite U219-000-R)	50.09	
27 29 00 00-2804	EA	4 Port USB 2.0 Certified Self- or Bus-Powered Ultra-Mini Compact Hub, x4 A (F)/x1 A (M) (Tripp Lite U222-004-R)	102.46	
27 29 00 00-2805	EA	7 Port USB 2.0 Certified Self- or Bus-Powered Hub, x7 A (F)/x1 A (M) (Tripp Lite U222-007-R)	156.51	
27 29 00 00-2806	EA	USB 2.0 Hi-Speed Hub 10-Port With 2 Swivel (Tripp Lite U222-010-R)	199.20	
27 29 00 00-2807	EA	4-Port Industrial USB 2.0 Hub Heavy Duty 15kV ESD Immunity (Tripp Lite U223-004-IND)	478.08	
27 29 00 00-2808	EA	USB 4Port Hub with 1 Remote Port over Category 5 (Tripp Lite U224-1R4-R)	369.95	
27 29 00 00-2809	EA	USB 4Port Remote Hub over Category 5 (Tripp Lite U224-4R4-R)	369.95	
27 29 00 00-2810	EA	4 Port USB 2.0 Certified Hub, x4 A (F)/x1 A (M) (Tripp Lite U225-004-R)	79.68	
27 29 00 00-2811	EA	USB2.0 Hub with File Transfer Functionality - 3Port (Tripp Lite U227-FT3-R)	165.06	
27 29 00 00-2812	EA	4-Pot USB 2.0 Share Switch with File Transfer (Tripp Lite U230-204-R)	398.40	
27 29 00 00-2813	EA	USB 2.0 Universal High-Speed File Transfer Cable (PC or Mac), 6ft (Tripp Lite U233-006-MP-R)	125.22	
27 29 00 00-2814	EA	USB 2.0 High-Speed File Transfer Cable (PC to PC), 6ft (Tripp Lite U233-006-PP-R)	113.83	
27 29 00 00-2815	EA	USB 2.0 to Ethernet Adapter 10/100 Mbps (Tripp Lite U236-000-R)	113.83	
27 29 00 00-2816	EA	USB 2.0 to SATA/ IDE Combo Adapter (For 2.5" or 3.5 SATA and IDE Hard Drivers) - USB A(M) - 7 Pin SATA(F), 40 Pin IDE(F), 44 Pin IDE (F) - 1' (Tripp Lite U238-000)	187.81	
27 29 00 00-2817	EA	SATA Hard Drive Cradle / Docking Station USB2.0 / eSATA Windows And Macintosh compatible (Tripp Lite U239-UE1)	187.81	
27 29 00 00-2818	EA	USB2.0 to HDMI Display Adapter, PC / Laptop to HDTV (Tripp Lite U244-001-HDMI-R)	367.11	
27 29 00 00-2819	EA	USB2.0 to DVI-I/VGA Adapter (Tripp Lite U244-001-R)	352.87	
27 29 00 00-2820	EA	USB 2.0 to VGA Adapter (Tripp Lite U244-001-VGA-R)	313.03	
27 29 00 00-2821	EA	USB 3.0 Super Speed 5Gbps A-B Device Cable 3ft (Tripp Lite U322-003)	39.84	
27 29 00 00-2822	EA	USB 3.0 Super Speed 5Gbps A-B Device Cable 6ft (Tripp Lite U322-006)	48.38	
27 29 00 00-2823	EA	USB 3.0 Super Speed 5Gbps A-B Device Cable 10ft (Tripp Lite U322-010)	54.08	
27 29 00 00-2824	EA	USB 3.0 Super Speed 5Gbps A-B Device Cable 15ft (Tripp Lite U322-015)	73.99	
27 29 00 00-2825	EA	USB 3.0 Super Speed 5Gbps A Male - A Female Ext Cable 6ft (Tripp Lite U324-006)	48.38	
27 29 00 00-2826	EA	USB 3.0 Super Speed 5Gbps A Male - A Female Ext Cable 10ft (Tripp Lite U324-010)	54.08	
27 29 00 00-2827	EA	USB 3.0 Super Speed 5Gbps A to Micro B Device Cable 3ft (Tripp Lite U326-003)	45.53	
27 29 00 00-2828	EA	USB 3.0 Super Speed 5Gbps A to Micro B Device Cable 6ft (Tripp Lite U326-006)	56.92	
27 29 00 00-2829	EA	USB 3.0 Super Speed 5Gbps A to Micro B Device Cable 10ft (Tripp Lite U326-010)	71.14	
27 29 00 00-2830	EA	5M USB3.0 Super Speed A/A Active Extension Cable USB-A M/F 16ft (Tripp Lite U330-05M)	142.30	
27 29 00 00-2831	EA	USB 3.0 SuperSpeed to SATA Adapter Cable (Tripp Lite U338-000)	199.20	

MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2832	EA	USB 3.0 SuperSpeed to SATA Adapter Cable (Tripp Lite U338-000-R).....	199.20	
27 29 00 00-2833	EA	USB 3.0 to SATA Hard Drive Quick Dock 5 Gbps Plug And Play (Tripp Lite U339-000).....	199.20	
27 29 00 00-2834	EA	USB 3.0 to HDMI Adapter 2048 x 1152 / 60 Hertz Video Resolution (Tripp Lite U344-001-HDMI-R).....	478.08	
27 29 00 00-2835	EA	USB 3.0 to DVI or VGA Adapter 2048 x 1152 60 Hertz Video Resolution (Tripp Lite U344-001-R).....	455.33	
27 29 00 00-2836	EA	USB 3.0 Multi-Drive SD / CF / MS 5Gbps Plug and Play Card Reader (Tripp Lite U352-000-MD).....	170.75	
27 29 00 00-2837	EA	USB 3.0 Super Speed SDXC Card Reader 5Gbps Transfer Plug And Play (Tripp Lite U352-000-SD-R).....	91.07	
27 29 00 00-2838	EA	USB 3.0 SuperSpeed External 2.5" SATA Hard Drive Enclosure (Tripp Lite U357-025-R).....	142.30	
27 29 00 00-2839	EA	USB 3.0 SuperSpeed 4-Port Hub (Tripp Lite U360-004-R).....	267.51	
27 29 00 00-2840	EA	USB 3.0 Charging Hub - 2 USB 3.0; 4 USB 2.0; 1 Charging iPad2 (Tripp Lite U360-412).....	227.65	
27 29 00 00-2841	EA	USB Power Adapter for iPod, Cell Phones And More (Black) (Tripp Lite UAC-1B).....	49.52	
27 29 00 00-2842	EA	Relocateable Power Taps, 9 outlets, 15' cord, Metal-Receptable Series, no switch, outlet on end. Blue/Gray Color With tabs (Tripp Lite UL17CB-15).....	111.41	
27 29 00 00-2843	EA	Relocateable Power Taps, 6 outlets, 15' cord, Metal-Receptacle Series, switch pilot light. Blue/Gray Color w/tabs (Tripp Lite UL24CB-15).....	100.27	
27 29 00 00-2844	EA	Relocateable Power Taps, 6 outlets, 15' cord, Metal-Receptacle, turned 90 degrees, switch pilot light. Blue/Gray Color w/tabs (Tripp Lite UL24RA-15).....	103.99	
27 29 00 00-2845	EA	Relocateable Power Taps, 4 outlets, 6' cord, Metal-Receptacle Series, no switch. Blue/Gray Color w/tabs (Tripp Lite UL603CB-6).....	66.85	
27 29 00 00-2846	EA	Relocateable Power Taps, 6 outlets, 15' cord, Metal-Duplex Series, switch pilot light. 20 Amperes. Blue/Gray Color w/tabs (Tripp Lite UL620-15).....	235.82	
27 29 00 00-2847	EA	Relocateable Power Taps, 10 outlets, 15' cord, Metal-receptable Series, master switch pilot light. Black color w/tabs (Tripp Lite UL800CB-15).....	159.69	
27 29 00 00-2848	EA	2 OUTLETS Direct Plug-In 600 JOULES Isobar Ultra Surge Suppressor 15-Amperes (Tripp Lite ULTRABLOK).....	77.58	
27 29 00 00-2849	EA	2 OUTLETS Direct Plug-In 600 JOULES Isobar Ultra Surge Suppressor with Modem/Fax Protection (Tripp Lite ULTRAFAX).....	112.24	
27 29 00 00-2850	EA	IEC-320 C13 Outlet Adapter for Int'l Plugs (Tripp Lite UNIPLUGINT).....	14.44	
27 29 00 00-2851	EA	SmartRack UPS Front Rail Mounting Bracket (Tripp Lite UPSHDEARKIT).....	116.98	
27 29 00 00-2852	EA	Wallmount Bracket for most tower UPS models. Visit: www.tripp-lite.com (Tripp Lite UPSWM).....	350.74	
27 29 00 00-2853	EA	Digital Media Remote for iTunes (Tripp Lite URM-15T).....	132.04	
27 29 00 00-2854	EA	4 Port USB Device Server - Int (Tripp Lite US-4A).....	313.61	
27 29 00 00-2855	EA	USB High Speed Serial Adapter (Tripp Lite USA-19HS).....	92.84	
27 29 00 00-2856	EA	USB Twin Serial Adapter ROHS (Tripp Lite USA-28XG).....	461.02	
27 29 00 00-2857	EA	4 Port Serial Adapter RoHS (Tripp Lite USA-49WG).....	453.90	
27 29 00 00-2858	EA	1,250 Watt, 12 Volt DC to AC Inverter for Utility/Work Truck With 2 GFCI Outlets (Tripp Lite UT1250UL).....	1,838.31	
27 29 00 00-2859	EA	2,000 Watt, 12 Volt DC to AC Inverter for Utility/Work Truck With 2 GFCI Outlets (Tripp Lite UT2012UL).....	2,878.16	
27 29 00 00-2860	EA	750 Watt, 12 Volt DC to AC Inverter for Utility/Work Truck With 2 GFCI Outlets (Tripp Lite UT750UL).....	1,466.94	
27 29 00 00-2861	EA	5-16kVA UPS + BP Regular Business Hours Startup in Service Area (Tripp Lite W02-BW0).....	3,713.76	
27 29 00 00-2862	EA	5-16kVA UPS + BP Regular Business Hours Startup +1yr Onsite Warranty in Service Area (Tripp Lite W02-BW1-1BD).....	6,684.77	
27 29 00 00-2863	EA	5-16kVA UPS + BP Regular Business Hours Startup +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W02-BW1-247).....	7,613.21	
27 29 00 00-2864	EA	5-16kVA UPS + BP Regular Business Hours Startup +2yr Onsite Warranty in Service Area (Tripp Lite W02-BW2-1BD).....	9,655.78	
27 29 00 00-2865	EA	5-16kVA UPS + BP Regular Business Hours Startup +2yr 24/7 Onsite Warranty in Service Area (Tripp Lite W02-BW2-247).....	11,512.66	
27 29 00 00-2866	EA	5-16kVA UPS + BP Regular Business Hours Startup +3yr OnSite Warranty in Service Area (Tripp Lite W02-BW3-1BD).....	12,626.78	
27 29 00 00-2867	EA	5-16kVA UPS + BP Regular Business Hours Startup +3yr 24/7 Onsite Warranty in Service Area (Tripp Lite W02-BW3-247).....	15,412.10	
27 29 00 00-2868	EA	5-16kVA UPS + BP Eve/Wknd Hours Startup in Service Area (Tripp Lite W02-EW0).....	5,570.64	
27 29 00 00-2869	EA	5-16kVA UPS + BP Eve/Wknd Hours Startup +1yr Onsite Warranty in Service Area (Tripp Lite W02-EW1-1BD).....	8,541.65	
27 29 00 00-2870	EA	5-16kVA UPS + BP Eve/Wknd Hours Startup +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W02-EW1-247).....	9,470.09	
27 29 00 00-2871	EA	5-16kVA UPS + BP Eve/Wknd Hours Startup +2yr Onsite Warranty in Service Area (Tripp Lite W02-EW2-1BD).....	11,512.66	
27 29 00 00-2872	EA	5-16kVA UPS + BP Eve/Wknd Hours Startup +2yr 24/7 Onsite Warranty in Service Area (Tripp Lite W02-EW2-247).....	13,369.54	
27 29 00 00-2873	EA	5-16kVA UPS + BP Eve/Wknd Hours Startup +3yr Onsite Warranty in Service Area (Tripp Lite W02-EW3-1BD).....	14,483.66	
27 29 00 00-2874	EA	5-16kVA UPS + BP Eve/Wknd Hours Startup +3yr 24/7 Onsite Warranty in Service Area (Tripp Lite W02-EW3-247).....	17,268.98	
27 29 00 00-2875	EA	20-40kVA UPS Regular Business Hours Startup +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W05-BW1-247).....	6,313.39	
27 29 00 00-2876	EA	20-40kVA UPS+1BP Regular Business Hours Startup +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W05-BW1-247-1B).....	8,913.02	
27 29 00 00-2877	EA	20-40kVA UPS Eve/Wknd Hours Startup +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W05-EW1-247).....	8,170.27	
27 29 00 00-2878	EA	20-40kVA UPS+1BP Eve/Wknd Hours Startup +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W05-EW1-247-1B).....	12,069.72	
27 29 00 00-2879	EA	20-40kVA UPS Prevent Maint AllHrs +1yr Onsite Warranty in Service Area (Tripp Lite W05-SCBAS1).....	15,412.10	
27 29 00 00-2880	EA	20-40kVA UPS +1BP Prevent Maint AllHrs +1yr Onsite Warranty in Service Area (Tripp Lite W05-SCBAS1-1B).....	17,640.36	
27 29 00 00-2881	EA	20-40kVA UPS Prevent Maint Eve/Wknd Hours +1yr Onsite Warranty in Service Area (Tripp Lite W05-SCENH1).....	17,176.14	
27 29 00 00-2882	EA	20-40kVA UPS +1BP Prevent Maint Eve/Wknd Hours +1yr Onsite Warranty in Service Area (Tripp Lite W05-SCENH1-1B).....	19,682.93	
27 29 00 00-2883	EA	60-80kVA UPS Startup Regular Business Hours +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W06-BW1-247).....	7,427.52	
27 29 00 00-2884	EA	60-80kVA UPS+1BP Startup Regular Business Hours +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W06-BW1-247-1B).....	10,398.53	
27 29 00 00-2885	EA	60-80kVA UPS Startup Eve/Wknd Hours +1yr 24/7 Onsite Warranty in Service Area (Tripp Lite W06-EW1-247).....	9,284.40	
27 29 00 00-2886	EA	60-80kVA UPS+1BP Startup Eve/Wknd Hours And 1 year 24/7 Onsite Warranty in Service Area (Tripp Lite W06-EW1-247-1B).....	12,998.16	
27 29 00 00-2887	EA	60-80kVA UPS Prevent Maint All Hours And 1 year Onsite Warranty in Service Area (Tripp Lite W06-SCBAS1).....	15,115.00	
27 29 00 00-2888	EA	60-80kVA UPS+1BP Maint AllHrs And 1 year Onsite Warranty in Service Area (Tripp Lite W06-SCBAS1-1B).....	19,905.75	
27 29 00 00-2889	EA	60-80kVA UPS Prevent Maint Eve/Wknd Hours and 1yr Onsite Warranty in Service Area (Tripp Lite W06-SCENH1).....	15,969.17	
27 29 00 00-2890	EA	60-80kVA UPS+1BP Maint Eve/Wknd Hours And 1 year Onsite Warranty in Service Area (Tripp Lite W06-SCENH1-1B).....	21,279.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 29 00 00-2891	EA		WatchDog Service Monitoring/Rebooting Software. (Tripp Lite WATCHDOG).....	103.16	
27 29 00 00-2892	EA		3-Year Extended Warranty Coverage for 2200-3000VA Smart Pro And Smart Online UPS (Tripp Lite WEXT3-2200-3000).....	297.10	
27 29 00 00-2893	EA		3-Year Extended Warranty Coverage for SMART5000RT3U UPS (Tripp Lite WEXT3-5000).....	913.58	
27 29 00 00-2894	EA		3-Year Extended Warranty Coverage for SMART5000TEL3U UPS (Tripp Lite WEXT3-5000TEL).....	638.77	
27 29 00 00-2895	EA		3-Year Extended Warranty Coverage for SMART5000RT3UXR UPS (Tripp Lite WEXT3-5000XR).....	1,262.68	
27 29 00 00-2896	EA		3-Year Extended Warranty Coverage for 500-1500VA Smart Pro And Smart Online UPS (Tripp Lite WEXT3-500-1500).....	148.55	
27 29 00 00-2897	EA		3-Year Extended Warranty Coverage for BP192V12 Battery Pack (Tripp Lite WEXT3-BP192V12).....	334.24	
27 29 00 00-2898	EA		3-Year Extended Warranty Coverage for BP192V18 Battery Pack (Tripp Lite WEXT3-BP192V18).....	557.06	
27 29 00 00-2899	EA		3-Year Extended Warranty Coverage for BP240V10 Battery Pack (Tripp Lite WEXT3-BP240V10).....	248.82	
27 29 00 00-2900	EA		3-Year Extended Warranty Coverage for 24 Volt Battery Pack (Tripp Lite WEXT3-BP24V).....	174.55	
27 29 00 00-2901	EA		3-Year Extended Warranty Coverage for 36 Volt Battery Pack (Tripp Lite WEXT3-BP36V).....	174.55	
27 29 00 00-2902	EA		3-Year Extended Warranty Coverage for 48 Volt Battery Pack (Tripp Lite WEXT3-BP48V).....	198.69	
27 29 00 00-2903	EA		3-Year Extended Warranty Coverage for BP48V24-2U Battery Pack (Tripp Lite WEXT3-BP48V24).....	125.90	
27 29 00 00-2904	EA		3-Year Extended Warranty Coverage for BP48V48RT4U Battery Pack (Tripp Lite WEXT3-BP48V48).....	272.22	
27 29 00 00-2905	EA		3-Year Extended Warranty Coverage for BP48V60-3U Battery Pack (Tripp Lite WEXT3-BP48V60).....	248.82	
27 29 00 00-2906	EA		3-Year Extended Warranty Coverage for 72V Battery Pack (Tripp Lite WEXT3-BP72V).....	198.69	
27 29 00 00-2907	EA		3-Year Extended Warranty Coverage for ENVIROSENSE (Tripp Lite WEXT3-ENVIRO).....	100.27	
27 29 00 00-2908	EA		3-YR Extended Warranty for Console KVM Switches (Tripp Lite WEXT3-KVM-CONS).....	2,042.57	
27 29 00 00-2909	EA		3-YR Extended Warranty for Rackmount Non-Console KVM Switches (Tripp Lite WEXT3-KVM-RMNC).....	4,085.14	
27 29 00 00-2910	EA		3-Year Extended Warranty Coverage for Omni Smart And Omni Pro UPS (Tripp Lite WEXT3-OMNI).....	148.55	
27 29 00 00-2911	EA		3-Year Extended Warranty Coverage for PDUH15AT and PDUH20AT (Tripp Lite WEXT3-PDU-AT).....	107.70	
27 29 00 00-2912	EA		3-Year Extended Warranty Coverage for Switched PDU's ending with ATNET (Tripp Lite WEXT3-PDU-ATNET).....	133.70	
27 29 00 00-2913	EA		3-Year Extended Warranty Coverage for Switched PDU's ending with HVNET (Tripp Lite WEXT3-PDU-HVNET).....	148.55	
27 29 00 00-2914	EA		3-Year Extended Warranty Coverage for MN Monitored PDU's (Tripp Lite WEXT3-PDU-MN).....	129.98	
27 29 00 00-2915	EA		3-Year Extended Warranty Coverage for Switched PDU's ending with NET (Tripp Lite WEXT3-PDU-NET).....	178.26	
27 29 00 00-2916	EA		3-Year Extended Warranty Coverage for SNMPWEBCARD And SNMPWEBSOLO (Tripp Lite WEXT3-SNMP).....	100.27	
27 29 00 00-2917	EA		3-Year Extended Warranty Coverage for SRCOOL12K (Tripp Lite WEXT3-SRCOOL12K).....	501.36	
27 29 00 00-2918	EA		3-Year Extended Warranty Coverage for SU10KRT3U UPS (Tripp Lite WEXT3-SU10K).....	1,778.89	
27 29 00 00-2919	EA		3-Year Extended Warranty Coverage for SU10KRT3UHV UPS (Tripp Lite WEXT3-SU10KHV).....	1,440.94	
27 29 00 00-2920	EA		3-YR Ext Warranty For SU16K - SU20K Single-Phase UPS Models (Tripp Lite WEXT3-SU16-20K).....	2,822.46	
27 29 00 00-2921	EA		3-Year Extended Warranty Coverage for Smart Online 5000VA UPS (Tripp Lite WEXT3-SU5000).....	1,036.14	
27 29 00 00-2922	EA		3-Year Extended Warranty Coverage for Smart Online 5000VA HV UPS (Tripp Lite WEXT3-SU5000HV).....	865.31	
27 29 00 00-2923	EA		3-Year Extended Warranty Coverage for Smart Online 6000VA UPS (Tripp Lite WEXT3-SU6000).....	1,262.68	
27 29 00 00-2924	EA		3-Year Extended Warranty Coverage for Smart Online 6000VA HV UPS (Tripp Lite WEXT3-SU6000HV).....	1,002.72	
27 29 00 00-2925	EA		3-Year Extended Warranty Coverage for SU6000RT3UXR UPS (Tripp Lite WEXT3-SU6000XR).....	1,556.07	
27 29 00 00-2926	EA		3-Year Extended Warranty Coverage for Smart Online 8000VA UPS (Tripp Lite WEXT3-SU8000).....	1,288.67	
27 29 00 00-2927	EA		5-Year Extended Warranty Coverage for 2200-3000VA Smart Pro And Smart Online UPS (Tripp Lite WEXT5-2200-3000).....	817.03	
27 29 00 00-2928	EA		5-Year Extended Warranty Coverage for 5000VA Smart Online And Smart Pro UPS (Tripp Lite WEXT5-5000).....	2,737.04	
27 29 00 00-2929	EA		5-Year Extended Warranty Coverage for SMART5000TEL3U UPS (Tripp Lite WEXT5-5000TEL).....	1,916.30	
27 29 00 00-2930	EA		5-Year Extended Warranty Coverage for SMART5000RT3UXR UPS (Tripp Lite WEXT5-5000XR).....	3,784.32	
27 29 00 00-2931	EA		5-Year Extended Warranty Coverage for 500-1500VA Smart Pro And Smart Online UPS (Tripp Lite WEXT5-500-1500).....	408.51	
27 29 00 00-2932	EA		5-Year Extended Warranty Coverage for BC Personal UPS (Tripp Lite WEXT5-BCPERS).....	272.96	
27 29 00 00-2933	EA		5-Year Extended Warranty Coverage for BC Pro UPS (Tripp Lite WEXT5-BCPRO).....	408.51	
27 29 00 00-2934	EA		5-Year Extended Warranty Coverage for BP192V12 Battery Pack (Tripp Lite WEXT5-BP192V12).....	995.29	
27 29 00 00-2935	EA		5-Year Extended Warranty Coverage for BP192V18 Battery Pack (Tripp Lite WEXT5-BP192V18).....	1,671.19	
27 29 00 00-2936	EA		5-Year Extended Warranty Coverage for BP240V10-3U Battery Pack (Tripp Lite WEXT5-BP240V10).....	742.75	
27 29 00 00-2937	EA		5-Year Extended Warranty Coverage for 24 Volt Battery Pack (Tripp Lite WEXT5-BP24V).....	475.36	
27 29 00 00-2938	EA		5-Year Extended Warranty Coverage for 36 Volt Battery Pack (Tripp Lite WEXT5-BP36V).....	475.36	
27 29 00 00-2939	EA		5-Year Extended Warranty Coverage for 48 Volt Battery Pack (Tripp Lite WEXT5-BP48V).....	545.92	
27 29 00 00-2940	EA		5-Year Extended Warranty Coverage for BP48V24-2U / TAA Battery Pack (Tripp Lite WEXT5-BP48V24).....	377.69	
27 29 00 00-2941	EA		5-Year Extended Warranty Coverage for BP48V48RT4U Battery Pack (Tripp Lite WEXT5-BP48V48).....	816.66	
27 29 00 00-2942	EA		5-Year Extended Warranty Coverage for BP48V60-3U Battery Pack (Tripp Lite WEXT5-BP48V60).....	742.75	
27 29 00 00-2943	EA		5-Year Extended Warranty Coverage for 72V Battery Pack (Tripp Lite WEXT5-BP72V).....	545.92	
27 29 00 00-2944	EA		5-Year Extended Warranty Coverage for ENVIROSENSE (Tripp Lite WEXT5-ENVIRO).....	272.96	
27 29 00 00-2945	EA		5-Year Extended Warranty Coverage for Internet Office UPS (Tripp Lite WEXT5-INTERNET).....	185.69	
27 29 00 00-2946	EA		5-YR Extended Warranty for Console KVM Switches (Tripp Lite WEXT5-KVM-CONS).....	4,085.14	
27 29 00 00-2947	EA		5-YR Extended Warranty for Rackmount Non-Console KVM Switches (Tripp Lite WEXT5-KVM-RMNC).....	8,170.27	
27 29 00 00-2948	EA		5-Year Extended Warranty Coverage for Omni Smart And Omni Pro UPS (Tripp Lite WEXT5-OMNI).....	408.51	
27 29 00 00-2949	EA		5-Year Extended Warranty Coverage for PDUH15AT and PDUH20AT (Tripp Lite WEXT5-PDU-AT).....	315.67	
27 29 00 00-2950	EA		5-Year Extended Warranty Coverage for Switched PDU's ending with ATNET (Tripp Lite WEXT5-PDU-ATNET).....	397.37	
27 29 00 00-2951	EA		5-Year Extended Warranty Coverage for Switched PDU's ending with HVNET (Tripp Lite WEXT5-PDU-HVNET).....	438.22	
27 29 00 00-2952	EA		5-Year Extended Warranty Coverage for MN Monitored PDU's (Tripp Lite WEXT5-PDU-MN).....	352.81	
27 29 00 00-2953	EA		5-Year Extended Warranty Coverage for Switched PDU's ending with NET (Tripp Lite WEXT5-PDU-NET).....	534.78	
27 29 00 00-2954	EA		5-Year Extended Warranty Coverage for SNMPWEBCARD And SNMPWEBSOLO (Tripp Lite WEXT5-SNMP).....	272.96	
27 29 00 00-2955	EA		5-Year Extended Warranty Coverage for SRCOOL12K (Tripp Lite WEXT5-SRCOOL12K).....	1,002.72	
27 29 00 00-2956	EA		5-Year Extended Warranty Coverage for SU10KRT3U UPS (Tripp Lite WEXT5-SU10K).....	5,332.96	
27 29 00 00-2957	EA		5-Year Extended Warranty Coverage for SU10KRT3UHV UPS (Tripp Lite WEXT5-SU10KHV).....	4,319.10	
27 29 00 00-2958	EA		5-YR Ext Warranty For SU16K - SU20K Single-Phase UPS Models (Tripp Lite WEXT5-SU16-20K).....	8,467.37	
27 29 00 00-2959	EA		5-Year Extended Warranty Coverage for Smart Online 5000VA UPS (Tripp Lite WEXT5-SU5000).....	3,108.42	
27 29 00 00-2960	EA		5-Year Extended Warranty Coverage for Smart Online 5000VA HV UPS (Tripp Lite WEXT5-SU5000HV).....	2,595.92	
27 29 00 00-2961	EA		5-Year Extended Warranty Coverage for Smart Online 6000VA UPS (Tripp Lite WEXT5-SU6000).....	3,784.32	
27 29 00 00-2962	EA		5-Year Extended Warranty Coverage for Smart Online 6000VA HV UPS (Tripp Lite WEXT5-SU6000HV).....	3,004.43	
27 29 00 00-2963	EA		5-Year Extended Warranty Coverage for SU6000RT3UXR UPS (Tripp Lite WEXT5-SU6000XR).....	4,668.20	
27 29 00 00-2964	EA		5-Year Extended Warranty Coverage for Smart Online 8000VA UPS (Tripp Lite WEXT5-SU8000).....	3,866.02	

27 30 Voice Communications ⁽²⁷⁾

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 31 Voice Communications Switching and Routing Equipment (27 30)

Note: Includes testing of new devices and certification.

27 31 13 PBX/Key Systems (27 31)

27 31 13 00-0001	Interior PBX Telephone System	<small>(27 31 13)</small>		
	<small>Note: Includes telephone instruments cabling and local state switching.</small>			
27 31 13 00-0002	Interior PBX Telephone System	<small>(27 31 13 00-0001)</small>		
	<small>Note: Cost is for each line up to 1000 lines.</small>			
27 31 13 00-0003	EA	1 Line PBX Connection, Cost Per Each Line Up To 1,000	1,778.31	566.24
27 31 13 00-0004	Additional Telephones Less Solid State Switching (PBX)	<small>(27 31 13 00-0001)</small>		
27 31 13 00-0005	EA	Add For Each Additional PBX Phone Line Less Solid State Switching	628.41	44.54
27 31 13 00-0006	Telephones	<small>(27 31 13 00-0001)</small>		
27 31 13 00-0007	EA	Telephones, Desk Type Intercommunication Equipment	237.77	42.36
27 31 13 00-0008	EA	Telephones, Wall Type Intercommunication Equipment	266.33	56.49

27 32 Voice Communications Terminal Equipment (27 30)

Note: Includes testing of new devices and certification.

27 32 13 Telephone Sets (27 32)

27 32 13 00-0001	Interior Telephone Components	<small>(27 32 13)</small>		
27 32 13 00-0002	EA	Solid State Exchange Unit With Power Supply	7,360.36	992.65
27 32 13 00-0003	EA	Dial Telephone - Handset In Cabinet	891.85	81.15
27 32 13 00-0004	EA	Elevator Cab Telephone With Trailer Cable	442.53	87.01
27 32 13 00-0005	EA	Loud Ring Bell, 6"	344.42	80.71
27 32 13 00-0006	EA	Audio/Visual Indicator	444.92	76.04
27 32 13 00-0007	EA	Administrative Telephone With Digital Display	465.91	68.22
27 32 13 00-0008	EA	Processing Unit For 16 Station System	2,259.23	556.50
27 32 13 00-0009	EA	Handset For 16 Station System	326.85	55.40
27 32 13 00-0010	EA	Handset In Cabinet, For 16 Station System	442.82	74.73
27 32 13 00-0011	MLF	20 Conductor Unshielded Cable, #22	2,800.54	1,197.84
27 32 13 00-0012	EA	Power Supply For 16 Station System	393.30	147.84
27 32 13 00-0013	EA	Intercom Terminal Board	339.44	166.42
27 32 13 00-0014	EA	Power Supply For Five Station System, 24 Volt DC	410.16	147.84
27 32 13 00-0015	EA	Telephone Communication Board, Insulated Blueboard 24" x 24" x 1/2" Thick	202.60	60.73
27 32 13 00-0016	EA	Telephone Cabinet With Backboard 24" High x 24" Wide x 6" Deep	646.51	133.67
27 32 13 00-0017	EA	Telephone Cabinet With Backboard 30" High x 24" Wide x 6" Deep	764.87	151.93
27 32 13 00-0018	EA	Telephone Cabinet With Backboard 30" High x 30" Wide x 6" Deep	928.65	179.82
27 32 13 00-0019	EA	Telephone Cabinet With Backboard 36" High x 30" Wide x 6" Deep	1,100.10	194.41
27 32 13 00-0020	EA	Telephone Cabinet With Backboard 48" High x 30" Wide x 6" Deep	1,734.38	221.20
27 32 13 00-0021	EA	Ring Rung 3"	11.97	6.06
27 32 13 00-0022	EA	G66B50 Telephone Blocks Including 50 Terminators, Exterior Ring, Marking, ID	30.41	10.76
27 32 13 00-0023	EA	G110 Data Blocks Including Terminator, Exterior Ring, Marking, ID And Testing	54.53	22.05

27 32 13 00-0024 Interior Telephone Accessories (27 32 13)

27 32 13 00-0025	EA	Blank Telephone Receptacle, Exposed Devices - Complete	12.19	5.86
27 32 13 00-0026	EA	4-Pin Telephone Receptacle, Exposed Devices - Complete	26.77	22.60
27 32 13 00-0027	EA	Dual Flush Mounted, Level 5, RJ-45 Jack, Complete	66.76	24.81
27 32 13 00-0028	EA	Wall Mount, Level 5, RJ-45 Jack, Complete	62.95	24.81
27 32 13 00-0029	EA	Terminating Strips, Inside	127.81	49.62
27 32 13 00-0030	EA	Dual Outlet, 4-Pin Telephone Receptacle, Concealed Type RJ-45 - Complete	55.46	25.52
27 32 13 00-0031	EA	Ready Access Closure 3 To 25 Pair	154.51	59.86
27 32 13 00-0032	EA	Ready Access Closure 25 To 100 Pair	181.28	66.91
27 32 13 00-0033	EA	Termination Block With Bracket 25 Pair	58.91	20.10
27 32 13 00-0034	EA	RJ-11 Telephone Receptacle, Concealed Devices - Complete	54.42	25.20
27 32 13 00-0035	EA	Interior Protected Terminal 25 Pair	686.80	145.13
27 32 13 00-0036	EA	Interior Protected Terminal 50 Pair	818.95	147.41
27 32 13 00-0037	EA	Pedestal 6" x 6" x 50" 3 To 100 Pair	272.98	60.40
27 32 13 00-0038	EA	Pedestal 8" x 8" x 50" 100 To 300 Pair	282.13	60.40
27 32 13 00-0039	EA	Pedestal 10" x 10" x 43" 300 To 600 Pair	373.05	77.23
27 32 13 00-0040	EA	Pedestal 10" x 16" x 43" 600 Pair	778.13	139.15
27 32 13 00-0041	EA	Entrance Protector Terminal 100 Pair	1,083.20	158.81
27 32 13 00-0042	EA	Gas Protection Module	16.23	5.43
27 32 13 00-0043	EA	Terminating Boxes, Outside With 3 Element Protectors, Per Pair	28.98	4.96

27 32 13 00-0044 Telephone Equipment (27 32 13)

27 32 13 00-0045	EA	Flush Mounted IP Video Door Station (Aiphone IX-DVF)	1,015.93	24.44
27 32 13 00-0046	EA	IP Addressable Hands-free Or Handset Master Station With A 7" Color Touchscreen (Aiphone IX-MV7-HB)	1,231.71	7.36

27 32 26 Ring-Down Emergency Telephones (27 32)

27 Communications**27 30 Voice Communications****27 32 Voice Communications Terminal Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 32 26 00-0001			Emergency Telephone <small>(27 32 26)</small> Note: Includes CB3000 speakerphone, 3 auxiliary inputs, 2 auxiliary outputs, phone line surge suppressor, analog telephone connection, 70 watt area light with blue beacon, high power strobe, lighted faceplate, 110VAC power, ultra weather resistant finish, vandal resistant hardware, UV resistant lens, dome vent; flat area for directory, access control or other options; 12.75" diameter/8'-6" height, 1/4" thick steel construction, foundation anchor kit, ADA compliant.		
27 32 26 00-0002	EA		Code Blue 1-Standard Emergency Telephone Pedestal Unit (CB 1-s).....	11,015.56	447.53
27 32 26 00-0003	EA		Code Blue 1-Dual Emergency Telephone Pedestal Unit (CB 1-d)..... Note: Includes IA4100 FP1 analog speakerphone with single red 'Push For Help' button, 'Push For Help' bezel, hard wire phone line, passive vent at top, 24V AC, and standard color.	11,601.40	447.53
27 32 26 00-0004	EA		Analog Speakerphone With Black Info Button And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2)	195.28	
27 32 26 00-0005	EA		Analog Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IA4100 FP2-K).....	292.92	
27 32 26 00-0006	EA		IP Speakerphone With Single Red Push For Help Button Code Blue Option (Code Blue IP5000 FP1)	732.31	
27 32 26 00-0007	EA		IP Speakerphone With Back Info Button And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2).....	995.94	
27 32 26 00-0008	EA		IP Speakerphone With Black Call Button, Keypad And Red Push For Help Button Code Blue Option (Code Blue IP5000 FP2-K).....	1,093.58	
27 32 26 00-0009	EA		EMERGENCY (Raised Letters With Braille) Main Bezel Code Blue Option	19.53	
27 32 26 00-0010	EA		EMERGENCY/EMERGENCIA (Raised Letters With Braille) Main Bezel Code Blue Option	19.53	
27 32 26 00-0011	EA		Directory, Second Opening Code Blue Option	175.75	
27 32 26 00-0012	EA		Camera Enclosure With Color IP Camera, Second Opening Code Blue Option.....	1,855.17	
27 32 26 00-0013	EA		HID Card Reader, Second Opening Code Blue Option	859.24	
27 32 26 00-0014	EA		HID Card Reader And Color IP Camera, Second Opening Code Blue Option	2,782.76	
27 32 26 00-0015	EA		IP Wireless Communication Code Blue Option..... Note: 802.11g or secure mesh 5.8. (system UPS backup or unit Night Charge recommended). IP5000 VoIP Speakerphone option must be ordered when selecting IP Wireless Communications. Requires Base Unit(s) and site survey.	5,848.68	
27 32 26 00-0016	EA		Active Venting Code Blue Option.....	312.45	
27 32 26 00-0017	EA		Night Charge Power Code Blue Option	2,724.18	
27 32 26 00-0018	EA		Power Transformer Kit, Alternate Incoming Power Code Blue Option	683.48	
27 32 26 00-0019	EA		Overhead Camera Mount Code Blue Option	1,552.49	
27 32 26 00-0020	EA		Custom Color For Overhead Camera Mount Code Blue Option	68.35	
27 32 26 00-0021			City Police Call System <small>(27 32 26)</small>		
27 32 26 00-0022			Components <small>(27 32 26 00-0021)</small>		
27 32 26 00-0023	EA		City Police Call System.....	853.64	126.66
27 32 26 00-0024	EA		Concrete Foundation For Police Department Telephone Post.....	747.10	183.47
27 40			Audio-Video Communications <small>(27)</small>		
27 41			Audio-Video Systems <small>(27 40)</small>		
27 41 16			Integrated Audio-Video Systems and Equipment <small>(27 41)</small> Note: Includes testing of new devices and certification.		
27 41 16 00-0001			Television Distribution System <small>(27 41 16)</small> See CSI section 26 05 13 16-0001 for basic wiring.		
27 41 16 00-0002			Mounted Television Support <small>(27 41 16 00-0001)</small>		
27 41 16 00-0003	EA		Ceiling Mounted Television Support, 19" To 20".....	455.11	121.88
27 41 16 00-0004	EA		Ceiling Mounted Television Support, 19" To 20" With Rack	594.28	136.03
27 41 16 00-0005	EA		Ceiling Mounted Television Support, 25" To 27".....	476.79	121.88
27 41 16 00-0006	EA		Ceiling Mounted Television Support, 25" To 27" With Rack	615.96	136.03
27 41 16 00-0007	EA		Wall Mounted Television Support, 13".....	361.15	97.94
27 41 16 00-0008	EA		Wall Mounted Television Support, 13" With Rack.....	500.30	108.83
27 41 16 00-0009	EA		Wall Mounted Television Support, 19" To 20".....	389.60	97.94
27 41 16 00-0010	EA		Wall Mounted Television Support, 19" To 20" With Rack	528.75	108.83
27 41 16 00-0011	EA		Wall Mounted Television Support, 25" To 27".....	418.05	97.94
27 41 16 00-0012	EA		Wall Mounted Television Support, 25" To 27" With Rack	557.20	108.83
27 41 16 00-0013			Distribution System <small>(27 41 16 00-0001)</small> See CSI section 26 05 13 16-0001 for wire and cabling.		
27 41 16 00-0014			TV Distribution Rack <small>(27 41 16 00-0013)</small>		
27 41 16 00-0015	EA		Steel Rack Cabinet With Shelves	1,676.69	199.77
27 41 16 00-0016	EA		Switch And Pilot Light.....	246.23	88.75
27 41 16 00-0017	LF		Surface Raceway With Outlets	29.03	12.06
27 41 16 00-0018	EA		Service Label	33.93	16.62
27 41 16 00-0019			Head End Amplifier <small>(27 41 16 00-0013)</small>		
27 41 16 00-0020	EA		Head End Amplifier.....	1,118.69	132.96

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 16 00-0021 UHF In-Line Booster Amplifier And Power Supply (27 41 16 00-0013)		
27 41 16 00-0022 EA UHF In-Line Booster	639.28	132.96
27 41 16 00-0023 Preamplifiers (27 41 16 00-0013)		
27 41 16 00-0024 EA VHF Preamplifier	808.09	132.96
27 41 16 00-0025 EA UHF Preamplifier	639.28	132.96
27 41 16 00-0026 Power Supplies (27 41 16 00-0013)		
27 41 16 00-0027 EA Common Power Supply	1,154.42	189.99
27 41 16 00-0028 Line Splitter And Mixer (27 41 16 00-0013)		
27 41 16 00-0029 EA Line Splitter	92.73	44.32
27 41 16 00-0030 EA Two-Way Splitter	106.17	44.32
27 41 16 00-0031 EA Frequency Filter	243.73	66.58
27 41 16 00-0032 EA Line Splitter And Mixer	283.70	97.76
27 41 16 00-0033 Power Line Filters (27 41 16 00-0013)		
27 41 16 00-0034 EA 120-Volt Power Supply Line Filter	482.55	88.75
27 41 16 00-0035 Wall Box And Receiver Outlets (27 41 16 00-0013)		
27 41 16 00-0036 EA Wall Box With Lockable Cover, Excluding Outlet Plug	243.73	66.58
27 41 16 00-0037 EA TV Receiver Outlet Plug	106.17	44.32
27 41 16 00-0038 EA TV Camera Outlet Plug	106.17	44.32
27 41 16 00-0039 EA Audio Outlet Plug	89.33	44.32
27 41 16 00-0040 EA 12 Ft RG 6U Cable With G-59 And TV Set Fittings	187.13	88.75
27 41 16 00-0041 EA Male Plug PL-259	106.17	44.32
27 41 16 00-0042 EA Wall Box And Receiver Outlet Television Outlets	122.50	46.49
27 41 33 Master Antenna Television Systems (27 41)		
27 41 33 00-0001 Antenna Systems (27 41 33)		
27 41 33 00-0002 Antenna (27 41 33 00-0001)		
27 41 33 00-0003 EA Amateur Radio Antenna	1,056.54	162.94
27 41 33 00-0004 EA Multi-Band Radio Antenna	814.71	162.94
27 41 33 00-0005 Receptacles (27 41 33 00-0001)		
27 41 33 00-0006 EA Amateur Radio Antenna System Receptacle With Mating Plugs And Adapter	226.87	66.58
27 41 33 00-0007 EA Multi-Band Radio Antenna System Receptacle With Mating Plugs	226.87	66.58
27 41 43 Audio-Video Conferencing (27 41)		
27 41 43 00-0001 AVS Control Systems (27 41 43)		
27 41 43 00-0002 EA 7" Wall Mount, TouchLink Pro Touchpanel Controller (Extron TLP Pro 720M)	2,039.45	27.16
27 41 43 00-0003 EA Back Box For TLP Pro 720M (Extron BB 720M)	170.48	5.43
27 41 43 00-0004 EA IPCP 505 IP Link Controller (Extron 60-1071-02)	4,366.92	27.16
27 41 43 00-0005 EA IPL250 IP Link Controller (Extron 60-1026-81)	2,258.91	27.16
27 41 43 00-0006 EA TLP 1000 10" TouchLink Touchpanel (Extron 60-1104-02)	5,442.97	27.16
27 41 43 00-0007 EA MLC 64 RS Keypad Controller (Extron 60-1182-02)	1,121.24	27.16
27 41 43 00-0008 EA MLC 226IP AAP Keypad Controller (Extron 60-600-15)	3,126.06	27.16
27 41 43 00-0009 EA MLC 226IP AAP Keypad Controller (Extron 60-600-12)	2,731.60	27.16
27 41 43 00-0010 EA AAP Device Plate (Extron OFR47-V)	94.35	10.87
27 41 43 00-0011 EA AC USB APP Plate (Extron 70-608-12)	310.91	10.87
27 41 43 00-0012 EA CM-9BLB 9-Button Control Module (Extron 70-494-03)	576.48	10.87
27 41 43 00-0013 Video Switcher (27 41 43)		
27 41 43 00-0014 EA DVS 605 A Five Input HDCP Compliant Scaler With Seamless Audio Switching (Extron 60-1059-02)	6,257.68	27.16
27 41 43 00-0015 EA XTP Crosspoint 3200 Series Frame (Extron 60-1167-01)	27,649.10	27.16
27 41 43 00-0016 EA XTP Crosspoint 1600 Series Frame (Extron 60-1250-01)	12,575.88	27.16
27 41 43 00-0017 EA XTP CP 4I DVI PRO Input Board (Extron 70-684-11)	4,416.86	81.47
27 41 43 00-0018 EA XTP CP 4I HDMI Input Board (Extron 70-685-11)	4,416.86	81.47
27 41 43 00-0019 EA XTP CP 4O DVI PRO Output Board (Extron 70-686-11)	1,985.88	81.47
27 41 43 00-0020 EA XTP CP 4O Output Board (Extron 70-687-11)	1,985.88	81.47
27 41 43 00-0021 EA XTP CP 4I Input Board (Extron 70-940-01)	5,986.28	81.47
27 41 43 00-0022 EA XTP CP 4I VGA Input Board (Extron 70-941-01)	4,416.86	81.47
27 41 43 00-0023 EA XTP CP 4O Output Board (Extron 70-943-01)	3,606.53	81.47
27 41 43 00-0024 EA XTP CP 4O SA Output Board (Extron 70-944-01)	1,445.67	81.47
27 41 43 00-0025 EA SW2 HDMI Two Input Switcher With Contact Closure (Extron 60-841-21)	1,123.29	27.16
27 41 43 00-0026 Video Scaler (27 41 43)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 43 00-0027	EA		VP-410 Composite Video And Stereo Audio To HDMI Scaler (Kramer VP-410).....	748.47	10.87
27 41 43 00-0028			Video Down-Converter (27 41 43)		
27 41 43 00-0029	EA		DVI to Computer Graphics/Component/HDTV Video Format Converter (Kramer FC-32)	643.18	10.87
27 41 43 00-0030	EA		HDMI to Composite and S-Video Scaler (Gefen GTV-HDMI-2-Compsvidsn).....	545.99	10.87
27 41 43 00-0031	EA		HDMI Up/Down Scaler and Converter (Atlona AT-HD550).....	449.95	10.87
27 41 43 00-0032			Transmitters And Receivers (27 41 43)		
27 41 43 00-0033	EA		XTP T HDMI Transmitter (Extron 60-1043-12)	2,041.65	27.16
27 41 43 00-0034	EA		XTP T USW 103 Transmitter (Extron 60-1198-01)	2,851.98	27.16
27 41 43 00-0035	EA		DTP HDMI 230 Tx Transmitter (Extron 60-1271-12)	1,069.26	27.16
27 41 43 00-0036	EA		XTP SR HDMI Scaling Receiver (Extron 60-1043-13).....	1,636.49	27.16
27 41 43 00-0037	EA		DTP HDMI 230 Rx Receiver (Extron 60-1271-13).....	1,069.26	27.16
27 41 43 00-0038			Extenders (27 41 43)		
27 41 43 00-0039	EA		Category 5 USB 2.0 Extender (Gefen EXT-USB 2.0-LR)	693.78	10.87
27 41 43 00-0040			Audio DSP (27 41 43)		
27 41 43 00-0041	EA		Audia Flex NC (Biamp NC 240).....	5,251.73	27.16
27 41 43 00-0042	EA		MVC C 121 Plus Three Input Stereo Mixer With DSP (Extron 60-1096-01)	792.71	27.16
27 41 43 00-0043			Amplifier (27 41 43)		
27 41 43 00-0044	EA		Four-Channel Power Amplifier 200 Watt Per Channel At 70V (QSC CX204V).....	3,456.94	27.16
27 41 43 00-0045	EA		XPA 2001 Mono 70 V Amplifier 200 Watt (Extron 60-850-01)	1,149.13	27.16
27 41 43 00-0046	EA		MP 401 Mono 70 V Amplifier 40 Watt (Extron 60-845-01).....	825.00	27.16
27 41 43 00-0047			Speakers (27 41 43)		
27 41 43 00-0048	EA		2' x 2', Two-Way Ceiling Speakers (Extron SF 228T).....	930.17	76.04
27 41 43 00-0049	EA		SI 26CT Two-Way Ceiling Speakers With 8" Back Can And 70/100 V Transformer (Extron 42-070-03).....	582.29	43.45
27 41 43 00-0050	EA		SM 26T SpeedMount Two-Way Surface Mount Speakers With 6.5" Woofer (Extron 60-1308-02).....	556.65	43.45
27 41 43 00-0051	EA		SI 65 P/T Full-Range Satellite Pendant Speaker (JBL C65P/T)	848.22	43.45
27 41 43 00-0052			Microphones (27 41 43)		
27 41 43 00-0053	EA		MX418 SE Gooseneck With H500 Shock Mount And Windscreen (Shure MX418SE/N)	340.63	10.87
27 41 43 00-0054	EA		MX202 Microflex Overhead (Shure MX202B/S)	390.79	27.16
27 41 43 00-0055	EA		MPL 101 AAP Microphone Preamplifier (Extron 60-718-11).....	565.37	27.16
27 41 43 00-0056			Wireless Microphone System (27 41 43)		
27 41 43 00-0057	EA		ULX Professional Series Wireless Handheld Microphone System (Shure ULXP24/58)	1,956.56	27.16
27 41 43 00-0058	EA		ULX Professional Series Wireless Dual Mixed Microphone System (Shure ULXP124/85).....	2,564.00	27.16
27 41 43 00-0059			Video Conferencing System (27 41 43)		
27 41 43 00-0060	EA		PrecisionHD 1080P 12X Camera (Cisco CTS-SX20-PHD12X-K9)	18,380.19	108.63
27 41 43 00-0061			Document Camera (27 41 43)		
27 41 43 00-0062	EA		Document Camera (Elmo P-10).....	3,659.62	27.16
27 41 43 00-0063			Interactive Display (27 41 43)		
27 41 43 00-0064	EA		Podium 518 18" Pen Display (Smart SP518-SMP).....	7,250.11	27.16
			Note: Pivot and swivel display mount compatible with lectern.		
27 41 43 00-0065			Security Surveillance System (27 41 43)		
27 41 43 00-0066	EA		8 Channel, H.264 Security, 500GB DVR Video Surveillance System With 4 Day/Night Cameras (Zmodo KDF8-BARBZ4ZN-500GB)	1,283.60	217.26
27 41 43 00-0067			Assistive Listening System (27 41 43)		
27 41 43 00-0068	EA		Stationary RF Transmitter (Listen Technologies LT-800-072)	1,829.60	27.16
27 41 43 00-0069	EA		Portable Digital RF Receiver (72 MHz) (Listen Technologies LR-300-072).....	219.52	
27 41 43 00-0070	EA		4-Unit RF Product Charging/Carrying (Listen Technologies LA-317)	490.84	
27 41 43 00-0071	EA		Remote Antenna Kit (Listen Technologies LA-130)	207.37	10.87
27 41 43 00-0072			Projector (27 41 43)		
27 41 43 00-0073	EA		Large Venue Projector (Panasonic PT-DZ8700U).....	80,853.91	54.31
27 41 43 00-0074	EA		Fixed Projector (Panasonic PT-FW430U).....	3,828.77	54.31
27 41 43 00-0075	EA		Compact Power Conditioner (Surgex SA82).....	551.58	10.87

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 41 43 00-0076 Projector Mount <small>(27 41 43)</small>		
27 41 43 00-0077 EA RPA Elite Projector Mount With Keyed Locking (Chief RPMA145).....	463.60	59.75
27 41 43 00-0078 EA Custom Projector Mount (Chief VCM75P).....	782.61	59.75
27 41 43 00-0079 Ceiling Box For Projector <small>(27 41 43)</small>		
27 41 43 00-0080 EA 2' x 2' Ceiling Box With 6 AC Outlets (FSR CB-22P).....	1,259.62	43.45
27 41 43 00-0081 Projection Screens <small>(27 41 43)</small>		
27 41 43 00-0082 EA 60" x 96" Contour Electrol Projector Screen (Da-Lite 37570).....	2,357.44	249.85
27 41 43 00-0083 EA 100" x 160" Tensioned Advantage Deluxe Electrol Projector Screen (Da-Lite 70092).....	10,253.57	543.14
27 41 43 00-0084 Flat Screen Display Mount <small>(27 41 43)</small>		
27 41 43 00-0085 EA SmartMount Universal AV TV Mount (PeerLess SF650).....	210.61	59.75
27 41 43 00-0086 Flat Screen Displays <small>(27 41 43)</small>		
27 41 43 00-0087 EA 32" Edge-Lit LED Display (Samsung ME32C).....	1,366.28	27.16
27 41 43 00-0088 EA 46" Edge-Lit LED Display (Samsung ME46C).....	2,345.10	32.59
27 41 43 00-0089 EA 55" Edge-Lit LED Display (Samsung ME55C).....	3,788.51	38.02
27 41 43 00-0090 EA 60" Edge-Lit LED Display (Sharp PN-E602).....	6,680.29	40.74
27 41 43 00-0091 Cable Cubby <small>(27 41 43)</small>		
27 41 43 00-0092 EA Cable Cubby 600 Furniture-Mountable Brushed Aluminum Enclosure For Cables, And AAPs (Extron 60-714-10).....	1,378.14	54.31
27 41 43 00-0093 EA Cable Cubby 600 Furniture-Mountable Black Enclosure For Cables, And AAPs (Extron 60-714-00).....	1,002.78	54.31
27 41 43 00-0094 EA Cable Cubby 600 Furniture-Mountable Black Enclosure For Cables, AAPs, And AC Power Outlets (Extron 60-525-01).....	1,054.01	54.31
27 41 43 00-0095 EA AC Power Modules For Use With Cable Cubby And TLE Series Enclosures (Extron 70-264-01).....	310.91	27.16
27 41 43 00-0096 Power Conditioners <small>(27 41 43)</small>		
27 41 43 00-0097 EA Power Conditioner (Furman PL-8C).....	493.24	27.16
27 41 43 00-0098 EA Power Conditioner (Furman P8PROII).....	655.22	27.16
27 41 43 00-0099 EA Power Management System (Middle Atlantic RLNK-SW715R).....	1,681.03	27.16
27 41 43 00-0100 Lecterns <small>(27 41 43)</small>		
27 41 43 00-0101 EA Doctorate Lectern With Overbridge Control Console.....	8,561.51	
For Large Blank Instrument Panel, Add	157.93	
For Drawer, Add	313.84	
For Logo Panel, Add	354.34	
For Rack Mount Pull Out Shelf, Add	299.67	
For 18" Gooseneck LED Light, Enlighten Series, Surface Mount, Add	212.60	
For 2RU Rack Mount Blank, Add	48.60	
For Rack Mount Fan, Single, Add	328.02	
For Flat Panel Monitor Arm Light Monitor, Up To 11.5 LB, Add	536.57	
For Universal Cord Reel Kit, Add	330.04	
27 41 43 00-0102 EA Media Manager With Overbridge Control Console.....	4,864.23	
For Large Blank Instrument Panel, Add	157.93	
For Rear Rack Rail Kit, Add	194.38	
For Rack Mount Pull Out Shelf, Add	299.67	
For Flat Panel Monitor Arm Light Monitor, Up To 11.5 LB, Add	536.57	
For Large Logo Plate, Add	131.61	
For 2RU Rack Mount Drawer, Add	273.35	
For 18" Gooseneck LED Light, Enlighten Series, Surface Mount, Add	212.60	
For 1/2RU Rack Mount Blank, Add	40.50	
For Rack Mount Fan, Single, Add	328.02	
For Universal Cord Reel Kit, Add	330.04	
27 41 43 00-0103 EA 42" Inspiration Lectern.....	2,479.01	
For Small Blank Instrument Panel, Add	115.41	
For Econo Keyboard Tray, Add	261.20	
For 2RU Rack Mount Drawer, Add	273.35	
For Rack Rail Kit, Add	105.29	
For Locking Door, Add	297.65	
For 2RU Rack Mount Blank, Add	48.60	
For Folding Shelf, Add	664.13	
For Rack Mount Fan, Single, Add	328.02	
For 2RU Rack Mount Drawer, Add	273.35	
For Flat Panel Monitor Arm Light Monitor, Up To 11.5 LB, Add	536.57	
For Universal Cord Reel Kit, Add	330.04	
27 41 43 00-0104 Small AV Rack <small>(27 41 43)</small>		
27 41 43 00-0105 EA Equipment Rack Cart With Keyboard Shelf And 17 Rack Spaces (Da-Lite 99480LOL).....	2,612.30	27.16
27 41 43 00-0106 EA 19" Pull Out, Rotating Sliding Rail System (Middle Atlantic SRSR-4-22).....	1,273.55	27.16
27 41 43 00-0107 Large AV Rack <small>(27 41 43)</small>		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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27 41 43 00-0108	EA		19" Gangable Enclosure (Middle Atlantic WRK-44-32).....	2,359.18	27.16
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27 50 Distributed Communications and Monitoring Systems (27)

27 51 Distributed Audio-Video Communications Systems (27 50)

27 51 16 Public Address and Mass Notification Systems (27 51)

Note: Includes testing of new devices and certification.

27 51 16 00-0001 Audio-Visual Paging System (27 51 16)

27 51 16 00-0002	EA		Remote Station PA System	110,713.34	7,233.29
27 51 16 00-0003	EA		Speaker Type III, Platform	504.43	31.52
27 51 16 00-0004	EA		Speaker Type III, Mezzanine	504.43	31.52
27 51 16 00-0005	EA		Noise Sensing Microphone, Sidetone	369.90	23.12
27 51 16 00-0006	EA		Single-Sided A/V VMS	8,342.62	521.17
27 51 16 00-0007	EA		Double-Sided A/V VMS	20,344.78	1,271.40
27 51 16 00-0008	EA		Platform Microphone, Lock Box	403.53	25.22
27 51 16 00-0009	EA		Microphone Station With Display, Kiosk	8,137.92	508.55
27 51 16 00-0010	LF		1 TP SHLD 18 AWG	5.05	1.05
27 51 16 00-0011	LF		1 TP SHLD 16 AWG	5.05	1.05
27 51 16 00-0012	LF		9 Pair SHLD 24 AWG	5.05	1.05
27 51 16 00-0013	LF		2 TP SHLD 22 AWG	5.05	1.05
27 51 16 00-0014	LF		12 Pair SHLD 18 AWG	5.05	1.05

27 51 17 Video Intercom and Exterior Gate Control System (27 51)

27 51 17 00-0001 Video Intercom And Exterior Gate Control System (27 51 17)

27 51 17 00-0002	EA		Audio Video Master Control Station With Handset, White Finish (Aiphone IX-MV7-HW)	1,460.66	136.03
27 51 17 00-0003	EA		Audio Video Master Control Station (Aiphone AX-8MV)	1,168.92	136.03
27 51 17 00-0004	EA		16-call Add-on Selector For AX Masters (Aiphone AX-16SW)	474.67	136.03
27 51 17 00-0005	EA		Central Exchange Unit (Aiphone AX-084C)	1,404.33	68.02
27 51 17 00-0006	EA		Central Exchange Unit (Aiphone AX-248C)	1,918.94	68.02
27 51 17 00-0007	EA		Touch Tone Programmable Dialer (Viking K-1900-5)	140.23	27.21
27 51 17 00-0008	EA		Surface Mount Audio/Video Door Station (Aiphone IX-DV)	1,016.73	27.21
27 51 17 00-0009	EA		Surface Or Flush Wall Mount Audio/Video Door Station (Aiphone IX-DVF)	1,399.69	27.21
27 51 17 00-0010	EA		Surface Mount Audio/Video Door Station (Aiphone AX-DV)	450.16	27.21
27 51 17 00-0011	EA		Flush Mount Audio/Video Door Station (Aiphone AX-DVF)	508.24	27.21
27 51 17 00-0012	EA		12 Volt, 2.5 Amperes, DC Power Supply (Aiphone PS-1225UL)	136.61	13.61
			Note: UL Listed		
27 51 17 00-0013	EA		24 Volt, 2 Amperes, DC Power Supply (Aiphone PS-2420UL)	148.78	13.61
			Note: UL Listed		
27 51 17 00-0014	EA		IP Video Master Station (Aiphone IX-MV)	1,789.86	136.03
27 51 17 00-0015	EA		Handset Only For IX-MV (Aiphone 285999)	61.10	5.44
27 51 17 00-0016	EA		Hands Free Sub Master Video Monitor (Aiphone JF-2HD)	743.45	136.03
27 51 17 00-0017	EA		Stainless Steel Video Door Station With HID ProxPoint Plus Reader, Flush Mount (Aiphone AX-DVF-P)	725.70	27.21
27 51 17 00-0018	EA		Stainless Steel Surface Mount Box For IS-SS, IS-DVF, IS-IPDVF, IX-DF(SS) (Aiphone SBX-IDVF)	216.49	27.21
27 51 17 00-0019	EA		Stainless Steel Surface Mount Box For AX-DVF (Aiphone SBX-AXDVF)	242.16	27.21
27 51 17 00-0020	EA		Stainless Steel Security Lock Box For IS-DV, IS-DVF, IX-DF, IX-SS, IX-DF-HID, And IX-DF-RP10 (Aiphone LB-SDVFA)	295.03	40.81
27 51 17 00-0021	EA		Front Case With Lens Cover For AX-DV And AX-DVF Cameras (Aiphone 240880)	64.77	13.61

27 51 23 Intercommunications and Program Systems (27 51)

27 51 23 20 Commercial Intercommunications and Program Systems (27 51 23)

27 51 23 20-0001 Intercom (27 51 23 20)

27 51 23 20-0002	EA		Intercom, Single Zone Audio Surveillance Base Station With Talkback Feature (Louroe Electronics #API-TB)	1,055.47	108.83
27 51 23 20-0003	EA		Two-way Talk/Listen Flush Mounted, Vandal-proof Remote Station Louroe Electronics #TLSP-PB	1,251.84	108.83
			For Surface Mounted Application, Add	63.16	
27 51 23 20-0004	EA		240 Station Intercommunication System In Rack Bogen Multicom 2000	37,168.63	99.24

27 51 43 Sound Reinforcement (27 51)

Note: Includes testing of new devices and certification.

27 51 43 00-0001 Amplifiers (27 51 43)

27 51 43 00-0002	EA		10 Watt PA/Paging System Amplifier, 70 Volt (Bogen C10)	524.04	108.83
27 51 43 00-0003	EA		35 Watt PA/Paging System Amplifier, 70 Volt (Bogen C35)	753.71	108.83
27 51 43 00-0004	EA		60 Watt PA/Paging System Amplifier, 70 Volt (Bogen C60)	901.15	108.83
27 51 43 00-0005	EA		100 Watt PA/Paging System Amplifier, 70 Volt (Bogen 100)	1,006.33	108.83
27 51 43 00-0006	EA		150 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS150)	1,261.21	108.83
27 51 43 00-0007	EA		250 Watt PA/Paging System Amplifier, 70 Volt (Bogen GS250)	1,642.35	108.83
27 51 43 00-0008	EA		Rack Mount Kit For PA/Paging System Amplifiers (Bogen GSRPK)	64.84	5.44
27 51 43 00-0009	EA		PA Equipment, Amplifiers Gogen #WMA-160	3,249.88	282.87

27 51 43 00-0010 Splitters (27 51 43)

27 51 43 00-0011	EA		24 Watt, 5 Output, Isolated Splitter (Doug Fleenor 125EE)	3,313.73	81.47
27 51 43 00-0012	EA		1-in/11-out Splitter (Doug Fleenor DMX)	2,987.08	81.47

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 51 43 00-0013 Speakers <small>(27 51 43)</small>		
27 51 43 00-0014 EA 8", 5 Watt Recessed Ceiling Mounted Speaker With Transformer And Baffle (Atlas Sound FD72W)	196.62	29.11
27 51 43 00-0015 EA 8" Steel Baffle (Atlas Sound 51-8)	65.50	5.43
27 51 43 00-0016 EA T-Bar Support (Atlas Sound EZ95-8)	73.52	5.43
27 51 43 00-0017 EA 8" Cylindrical Enclosure With Undercoating (Atlas Sound Q408)	116.50	5.43
27 51 43 00-0018 EA Plate Mounted 10 Watt Attenuator With Priority Relay (Atlas Sound AT10-PA)	104.94	9.77
27 51 43 00-0019 EA Atlas/Soundlier Speaker APC-30T.....	472.05	29.11
27 51 43 00-0020 EA Horizontal Line Array Renkus-Heinz # SR62H	752.04	32.59
27 51 43 00-0021 Accessories <small>(27 51 43)</small>		
27 51 43 00-0022 EA Microphone And Stand For Audio/Video System (Bogen MBS-1000A).....	318.87	13.61
27 51 43 00-0023 EA 5 Disk CD Player For Audio/Video System (Bogen DCM290-P)	720.95	13.61
27 51 43 00-0024 EA Weather Proof Horn For Audio/Video System (Bogen SPT5A)	176.44	27.21
27 51 43 00-0025 EA Trumpet Driver And Line Matching Transformer For Audio/Video System (Atlas PD-60A)	332.85	27.21
27 51 43 00-0026 EA Headset Microphone For Audio/Video System (Audio Technica Pro8Hex)	241.40	27.16
27 51 43 00-0027 EA Microphone Jack For Audio/Video System	107.90	27.21
27 51 43 00-0028 EA Terminal Cabinet For Audio/Video System (Atlas 121-18)	944.01	108.83
27 51 43 00-0029 EA Volume Control For Audio/Video System (Bogen AT10A).....	102.83	27.21
27 51 43 00-0030 EA Round Bridge For 8" (S86/S810) Recessed Speakers (Bogen Communications TB8).....	70.03	27.21
27 51 43 00-0031 Removal And Reinstallation Of Speakers <small>(27 51 43)</small>		
Note: Includes storage, cleaning and supply materials.		
27 51 43 00-0032 EA Removal And Reinstallation Of Ceiling Mounted Speaker.....	152.08	
27 53 Distributed Systems <small>(27 50)</small>		
27 53 13 Clock Systems <small>(27 53)</small>		
27 53 13 13 Wireless Clock Systems <small>(27 53 13)</small>		
27 53 13 13-0001 Wireless Synchronized GPS Clock System (Sapling) <small>(27 53 13 13)</small>		
27 53 13 13-0002 Master Clock (Sapling SMA 2000 Series) <small>(27 53 13 13-0001)</small>		
Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0003 EA Master Clock, 900 MHz Transmitter, GPS, Surface Wall Mount (Sapling SMA-2S0-1100-1)	7,847.22	81.47
27 53 13 13-0004 EA Master Clock, 900 MHz Transmitter, GPS, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1100-1)	8,299.23	81.47
27 53 13 13-0005 EA Master Clock, 900 MHz Transmitter, Surface Wall Mount (Sapling SMA-2S0-1000-1)	4,457.09	81.47
27 53 13 13-0006 EA Master Clock, 900 MHz Transmitter, Rack Mount And Wall Mount Antenna (Sapling SMA-2R0-1000-1).....	4,909.11	81.47
27 53 13 13-0007 EA NTP Server Upgrade (Sapling SMA-000-SERV-0).....	3,093.80	
27 53 13 13-0008 Wireless Repeaters (Sapling) <small>(27 53 13 13-0001)</small>		
27 53 13 13-0009 EA Wireless Repeater, 900 MHz, RS485 Input, Surface Wall Mount (Sapling SMA-1SR-0000-1)	1,911.31	54.31
27 53 13 13-0010 EA Wireless Network Repeater, 900 MHz, 110 VAC - 230 VAC, With TCP/IP For Campus Environments, Surface Wall Mount (Sapling SMA-1SM-0000-1).....	2,142.70	54.31
27 53 13 13-0011 Wireless Round Analog Clocks (Sapling SAL-4 Series) <small>(27 53 13 13-0001)</small>		
Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0012 EA Analog, Wireless Slim Line, 900 MHz, 12" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-12R-0).....	410.59	27.16
27 53 13 13-0013 EA Double Mount Housing With Metal Pole For Slim Line 12" Round Analog Clock, Black (Sapling SAH-1BD-12R-0).....	257.26	27.16
27 53 13 13-0014 EA Analog, Wireless Slim Line, 900 MHz, 16" Round, Battery-Operated, Surface Wall Mount, Black Case (Sapling SAL-4BS-16R-0).....	492.03	27.16
27 53 13 13-0015 EA Double Mount Housing With Metal Pole For Slim Line 16" Round Analog Clock, Black (Sapling SAH-1BD-16R-0).....	291.08	27.16
27 53 13 13-0016 Wireless GPS Accesories (Sapling) <small>(27 53 13 13-0001)</small>		
27 53 13 13-0017 EA GPS Mounting Kit (Sapling M-GPS-MTG-KIT-1).....	77.48	21.72
27 53 13 13-0018 EA Wall Mount, L-Shape, GPS Mounting Kit (Sapling M-GPS-MTG90-KIT-1).....	111.51	21.72
27 53 13 13-0019 EA GPS Antenna Cable, 150 Foot (45.7 Meters) Length (Sapling E-ANT-CBL150F-1).....	988.38	47.53
27 53 13 13-0020 EA GPS Antenna Cable, 300 Foot (91.4 Meters) Length (Sapling E-ANT-CBL300F-1).....	1,760.02	67.90
27 53 13 13-0021 EA GPS Surge Protector/Arrestor (Sapling E-GPS-SURGE-1).....	619.96	5.43
27 53 13 13-0022 2.4 GHz, 2.5", 6-Digit, Digital Messaging Wireless Clock System (Sapling SLDG 3000 Series) <small>(27 53 13 13)</small>		
Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes. Quantities over 25 for all digital clocks are Non-Cancelable, Non-Returnable (NCNR). (50) Clock Minimum Quantity Required Per System order for SLDG-32S-256-4R. (25) Clock Minimum Quantity Required Per System order for SLDG-32S-256-1R. All digital clocks are available without bezel or without the housing. Contact Sapling for details. Contact Sapling for Factory Customized Message Options. All digital clocks are pre-loaded and shipped with the following messages below: (1) Tornado Warning (2) Inclement Weather (3) Take Cover (4) Evacuate (5) Lockdown (6) Fire (7) Early Dismissal (8) Flood Warning (9) Earthquake (10) Code Blue (11) All Clear (12) Operation in Progress (13) Test in Progress (14) Lunch Break (15) Shift Break.		

27 Communications**27 50 Distributed Communications and Monitoring Systems****27 53 Distributed Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0023	EA		3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount (Sapling SDLG-32S-256-4R).....	1,299.75	81.47
			Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0024	EA		3200 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount (Sapling SDLG-32S-256-1R).....	1,329.80	81.47
			Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0025	EA		3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 24 VAC/VDC, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-4R).....	1,595.80	81.47
			Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0026	EA		3300 Digital Messaging Wireless Clock, 2.4 GHz, 2.5", Dot Matrix Red Display, 110 Volt, Surface Wall Mount And Relay Output/Input (Sapling SDLG-33S-256-1R).....	1,625.85	81.47
			Note: Capability to interface with either Sapling's Elapsed Timer Control Panel Or Sapling Temperature Sensor.		
27 53 13 13-0027	EA		Short Metal Pole For Ceiling Mount Only For Double/Flag Mount, 8.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-01S-0).....	172.66	21.72
27 53 13 13-0028	EA		Metal Pole For Double/Flag Mount, Wall Or Ceiling, 13.5", Digital Or Square Analog Clock, Black (Sapling SAB-1BD-00S-0).....	172.66	21.72
27 53 13 13-0029	EA		Clock Message Setup Fee, Per Clock (Sapling CLK-MSG-SETUP).....	30.94	
27 53 13 13-0030	EA		USB Programming Cable + Software For 3200/3300 Digital Clocks (Sapling D-USB485-INTF-1).....	249.07	2.72
27 53 13 13-0031	EA		Elapsed Timer Control Panel For 3200/3300 Clock Model (Sapling SBD-ELT-001-0).....	498.14	5.43
27 53 13 13-0032	EA		Elapsed Timer Specialty Buttons Kit (Sapling SBD-ELT-BUT-0).....	90.51	2.72
27 53 13 13-0033	EA		Elapsed Timer Clear Protective Cover - Set of 2 Covers (Sapling A-ELT-CLR-GUARD-1).....	18.10	0.54
27 53 13 13-0034	EA		Temperature Sensor for 3200/3300 Digital Clock Model (Sapling SBD-TEMP-000-0).....	112.97	5.43
27 53 13 13-0035			2.4 GHz Wireless Message System/Master Clock And Transmitter (Sapling SMM 3000 Series) (27 53 13 13)		
			Note: Includes Sapling standard 2 year "material" warranty and applies to Master Clocks, Analog Clocks, Digital Clocks and Converter Boxes.		
27 53 13 13-0036	EA		Master Clock With 2.4 GHz Transmitter For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G008-1).....	6,510.49	81.47
27 53 13 13-0037	EA		Master Clock With 2.4 GHz Transmitter And GPS For Time Data And Messages, Rack Mount And Wall Remote Mount Antenna, 8 Programmable Relays/Zones (Sapling SMM-3R0-G108-1).....	8,966.35	81.47
27 53 13 13-0038	EA		Message Input Box, 16 Inputs, Rack Mount, For SMM Master Clock (Sapling SMI-000-0016-0).....	2,869.85	54.31
27 53 13 13-0039	EA		Wireless Network Repeater, 2.4 GHz, 110 VAC - 230 VAC, with TCP/IP for Campus Environments, Surface Wall Mount (Sapling SMA-1SM-G000-1).....	1,643.54	54.31
27 53 13 13-0040	EA		NTP Server Upgrade (Sapling SMA-000-SERV-0).....	3,093.80	
27 53 13 13-0041	EA		Countdown Feature Upgrade (Sapling SMA-000-CDOW-0).....	1,531.43	
27 53 13 13-0042			Clear Polycarbonate Protective Covers For Wireless Clocks (Sapling) (27 53 13 13)		
			Note: For applications requiring defense against constant moisture or fine dust, a silicone sealant between the cover and wall is recommended.		
27 53 13 13-0043	EA		Clear Polycarbonate Protective Cover For 9" Square And 12" Round Analog Clock (Sapling SAG-CLR-COVR-12).....	416.98	13.58
27 53 13 13-0044	EA		Clear Polycarbonate Protective Cover For 2.5" Digital Clock (Sapling SDG-CLR-COVR-25).....	416.98	13.58
27 53 13 13-0045			Wire Guards For Wireless Synchronized Clocks (Sapling) (27 53 13 13)		
27 53 13 13-0046	EA		Wire Guard For Round Or Square Analog Clocks (Sapling SAG-1200).....	229.65	13.58
27 53 13 13-0047	EA		Wire Guard for 2.5" or 4.0" Digital Clocks (Sapling SDG-2017).....	320.96	13.58
27 53 13 13-0048			Wireless Synchronized Clock Transmitters (27 53 13 13)		
27 53 13 13-0049			Analog, Wireless Synchronized Clocks (Primex Traditional Series) (27 53 13 13-0048)		
27 53 13 13-0050	EA		12.5", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock.....	324.81	27.16
			For >100 To 250, Deduct	-66.82	
			For >250, Deduct	-67.64	
27 53 13 13-0051	EA		12.5", Battery Operated, Dual Sided, Analog, Wireless Synchronized Clock.....	595.30	27.16
			For >100 To 250, Deduct	-37.88	
			For >250, Deduct	-46.00	
27 53 13 13-0052	EA		16", Battery Operated, Single Sided, Analog, Wireless Synchronized Clock.....	380.77	27.16
			For >100 To 250, Deduct	-66.89	
			For >250, Deduct	-79.95	
27 53 13 13-0053	EA		12.5", Electric, Single Sided, Analog, Wireless Synchronized Clock.....	371.44	27.16
			For >100 To 250, Deduct	-65.21	
			For >250, Deduct	-77.90	
27 53 13 13-0054	EA		12.5", Electric, Dual Sided, Analog, Wireless Synchronized Clock.....	688.58	27.16
			For >100 To 250, Deduct	-43.01	
			For >250, Deduct	-52.53	
27 53 13 13-0055	EA		16", Electric, Single Sided, Analog, Wireless Synchronized Clock.....	427.41	27.16
			For >100 To 250, Deduct	-49.17	
			For >250, Deduct	-64.09	
27 53 13 13-0056			Digital, Wireless Synchronized Clocks (Primex Digital Series) (27 53 13 13-0048)		
27 53 13 13-0057			4-Digit, Digital, Wireless Synchronized Clocks (27 53 13 13-0056)		
27 53 13 13-0058	EA		2.5", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	483.37	27.16
			For Green LED, Add	42.91	
			For >100 To 250, Deduct	-42.45	
			For >250, Deduct	-63.90	
27 53 13 13-0059	EA		2.5", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock.....	912.44	27.16
			For Green LED, Add	85.81	
			For >100 To 250, Deduct	-93.94	
			For >250, Deduct	-239.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 13-0060 EA 4", Single Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock <i>For Green LED, Add</i> <i>For >100 To 250, Deduct</i> <i>For >250, Deduct</i>	539.34 48.50 -29.95 -44.50	27.16
27 53 13 13-0061 EA 4", Dual Sided, 4-Digit, Red LED Digital, Wireless Synchronized Clock <i>For Green LED, Add</i> <i>For >100 To 250, Deduct</i> <i>For >250, Deduct</i>	1,024.36 97.01 -85.73 -270.04	27.16
27 53 13 13-0062 6-Digit, Digital, Wireless Synchronized Clocks (27 53 13 13-0056)		
27 53 13 13-0063 EA 2.5", Single Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock <i>For Green LED, Add</i> <i>For >100 To 250, Deduct</i> <i>For >250, Deduct</i>	539.34 48.50 -34.80 -50.32	27.16
27 53 13 13-0064 EA 2.5", Dual Sided, 6-Digit, Red LED Digital, Wireless Synchronized Clock <i>For Green LED, Add</i> <i>For >100 To 250, Deduct</i> <i>For >250, Deduct</i>	1,024.36 97.01 -77.00 -182.74	27.16
27 53 13 13-0065 EA 2.5", Flush Mount, 6-Digit, Red LED Digital, Wireless Synchronized Clock <i>For Green LED, Add</i> <i>For >100 To 250, Deduct</i> <i>For >250, Deduct</i>	632.61 57.83 -28.37 -42.83	27.16
27 53 13 13-0066 Wire Guards For Wireless Synchronized Clocks (27 53 13 13-0048)		
27 53 13 13-0067 EA 18" x 18" Analog Clock Wire Guard For 16" Wireless Synchronized Clocks	167.07	13.58
27 53 13 13-0068 EA Digital Clock Wire Guard For 2.5" Wireless Synchronized Clocks	73.80	13.58
27 53 13 13-0069 EA Digital Clock Wire Guard For 4" Wireless Synchronized Clocks	83.12	13.58
27 53 13 13-0070 Wireless Synchronized Clock Transmitters (27 53 13 13-0048)		
Note: Includes 16 channel transmitter with daylight savings bypass and time zone switch, GPS receiver, 16' cable and window installation hardware.		
27 53 13 13-0071 EA Internal Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000)..... <i>For Roof Mounted GPS Receiver, Add</i>	3,698.04 516.05	81.47
27 53 13 13-0072 EA External Antenna, One Watt GPS Wireless Clock Transmitter (Primex 14000-E)..... Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection. <i>For Roof Mounted GPS Receiver, Add</i>	6,039.23 750.17	81.47
27 53 13 13-0073 EA Repeater, Satellite Transmitter (Primex 14006)..... Note: Includes 100' antenna cable, 29.4" high x 41.5" wide ground plane antenna with direct ground lightning protection.	3,643.73	54.31
27 53 13 13-0074 Accessories For Wireless Synchronized Clock Transmitters (27 53 13 13-0048)		
27 53 13 13-0075 EA External Antenna Mounting Kit For Wireless Synchronized Clock Transmitters	323.27	21.72
27 53 13 13-0076 EA Transmitter Rack For Wireless Synchronized Clock Transmitters	140.46	21.72
27 53 13 13-0077 EA Surge Protector And Battery Back Up For Wireless Synchronized Clock Transmitters	219.80	10.87
27 53 13 13-0078 EA 50' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	179.30	27.16
27 53 13 13-0079 EA 100' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	249.36	40.74
27 53 13 13-0080 EA 200' GPS Receiver Cable For Wireless Synchronized Clock Transmitters.....	369.80	54.31
27 53 13 16 Wired Clock Systems (27 53 13)		
27 53 13 16-0001 Wired Self-Corrective Clock Systems (27 53 13 16)		
27 53 13 16-0002 Wired Self-Corrective Clocks (27 53 13 16-0001)		
27 53 13 16-0003 Analog, Wired Self-Corrective Clocks (Telecor) (27 53 13 16-0002)		
27 53 13 16-0004 24 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 16-0003)		
27 53 13 16-0005 EA 12", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	275.37 -16.97 -25.81	27.16
27 53 13 16-0006 EA 12", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	669.92 -32.75 -57.38	27.16
27 53 13 16-0007 EA 16", Single Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	348.12 -22.82 -34.57	27.16
27 53 13 16-0008 EA 16", Dual Sided, 24 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	888.18 -91.51 -124.87	27.16
27 53 13 16-0009 120 Volt AC, Analog, Wired Self-Corrective Clocks (27 53 13 16-0003)		
27 53 13 16-0010 EA 12", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	275.37 -16.97 -25.81	27.16
27 53 13 16-0011 EA 12", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount..... <i>For >50 To 100, Deduct</i> <i>For >100, Deduct</i>	669.92 -32.75 -57.38	27.16

27 Communications**27 50 Distributed Communications and Monitoring Systems****27 53 Distributed Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0012	EA		16", Single Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Semi-Flush Mount	348.12	27.16
			<i>For >50 To 100, Deduct</i>	-22.82	
			<i>For >100, Deduct</i>	-34.57	
27 53 13 16-0013	EA		16", Dual Sided, 120 Volt AC, Analog, Wired Self-Corrective Clock, Surface Mount.....	888.18	27.16
			<i>For >50 To 100, Deduct</i>	-91.51	
			<i>For >100, Deduct</i>	-124.87	
27 53 13 16-0014			Accessories For Analog Wired Self-Corrective Clocks (27 53 13 16-0003)		
27 53 13 16-0015	EA		Wire Guards For 12", 15" Or 16" Analog Wired Self-Corrective Clocks	230.03	13.58
27 53 13 16-0016	EA		Back Box For 10", 12" Or 15" Flush Mount Analog Wired Self-Corrective Clocks	55.14	13.58
27 53 13 16-0017	EA		Surface Mounting Rings For 12" Analog Wired Self-Corrective Clocks	71.24	13.58
27 53 13 16-0018	EA		Surface Mounting Rings For 15" Analog Wired Self-Corrective Clocks	88.03	13.58
27 53 13 16-0019	EA		Combination Back Box For Speaker And Clock.....	150.53	21.72
27 53 13 16-0020			Digital, Wired Self-Corrective Clocks (Telecor) (27 53 13 16-0002)		
27 53 13 16-0021			24 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 16-0020)		
27 53 13 16-0022	EA		2.5", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	342.53	27.16
			<i>For Surface Mount, Add</i>	57.64	
			<i>For >50 To 100, Deduct</i>	-17.29	
			<i>For >100, Deduct</i>	-28.82	
27 53 13 16-0023	EA		4", 24 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	532.81	27.16
			<i>For Surface Mount, Add</i>	95.70	
			<i>For >50 To 100, Deduct</i>	-28.71	
			<i>For >100, Deduct</i>	-47.85	
27 53 13 16-0024			120 Volt AC, Digital, Wired Self-Corrective Clocks (27 53 13 16-0020)		
27 53 13 16-0025	EA		2.5", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	342.53	27.16
			<i>For Surface Mount, Add</i>	57.64	
			<i>For >50 To 100, Deduct</i>	-17.29	
			<i>For >100, Deduct</i>	-28.82	
27 53 13 16-0026	EA		4", 120 Volt AC, Digital, Wired Self-Corrective Clock, Flush Mount.....	532.81	27.16
			<i>For Surface Mount, Add</i>	95.70	
			<i>For >50 To 100, Deduct</i>	-28.71	
			<i>For >100, Deduct</i>	-47.85	
27 53 13 16-0027			Replacement Modules For 24 Volt AC, Digital, Wired Self-Corrective Clocks		
			(27 53 13 16-0020)		
27 53 13 16-0028	EA		2.5", Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	291.47	27.16
			<i>For >50 To 100, Deduct</i>	-14.23	
			<i>For >100, Deduct</i>	-23.72	
27 53 13 16-0029	EA		4" Replacement Module For 24 Volt AC, Digital, Wired Self-Corrective Clocks.....	486.64	27.16
			<i>For >50 To 100, Deduct</i>	-25.94	
			<i>For >100, Deduct</i>	-43.23	
27 53 13 16-0030			Replacement Modules For 120 Volt AC, Digital, Wired Self-Corrective Clocks		
			(27 53 13 16-0020)		
27 53 13 16-0031	EA		2.5", Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	291.47	27.16
			<i>For >50 To 100, Deduct</i>	-14.23	
			<i>For >100, Deduct</i>	-23.72	
27 53 13 16-0032	EA		4" Replacement Module For 120 Volt AC, Digital, Wired Self-Corrective Clocks.....	486.64	27.16
			<i>For >50 To 100, Deduct</i>	-25.94	
			<i>For >100, Deduct</i>	-43.23	
27 53 13 16-0033			Accessories For Digital Wired Self-Corrective Clocks (27 53 13 16-0020)		
27 53 13 16-0034	EA		Wire Guard For 4" Surface Mount Analog Wired Self-Corrective Clocks	315.38	13.58
27 53 13 16-0035	EA		2.5", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	71.93	13.58
27 53 13 16-0036	EA		4", Recessed Back Box For Flush Mount Digital Wired Self-Corrective Clocks	101.31	13.58
27 53 13 16-0037	EA		Dual Mounting Kit For Surface Mount Digital Wired Self-Corrective Clocks	274.80	13.58
27 53 13 16-0038	EA		4 Gang Extension Ring For Surface Mount Digital Wired Self-Corrective Clocks.....	74.04	13.58
27 53 13 16-0039			Wired Self-Corrective Master Clocks (27 53 13 16-0001)		
27 53 13 16-0040			Wired Self-Corrective Master Clocks (27 53 13 16-0039)		
27 53 13 16-0041	EA		24 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-24).....	3,227.15	217.26
27 53 13 16-0042	EA		120 Volt AC, Wired Self-Corrective Master Clock, Surface Mount (Telecor 2400-S-120).....	3,437.02	217.26
27 53 13 16-0043			Accessories For Wired Self-Corrective Master Clocks (27 53 13 16-0039)		
27 53 13 16-0044	EA		5 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2405).....	320.61	54.31
27 53 13 16-0045	EA		10 Amperes Power Transformer For 24 Volt AC, Wired Self-Corrective Clock Systems (Telecor 2406).....	364.67	54.31
27 53 13 16-0046			Other Clock And Program Systems (27 53 13 16)		
27 53 13 16-0047	EA		4 Circuit Master Clock And Signal Control (Lathem LTR4-512).....	1,921.07	108.63
27 53 13 16-0048	EA		8 Circuit Master Clock And Signal Control (Lathem LTR8-512).....	2,299.87	217.26

Communications	27	27
Distributed Communications and Monitoring Systems	27 50	
Distributed Systems	27 53	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
27 53 13 16-0049 EA Program Bell (Lathem 906-6).....	272.70	54.31
27 53 13 16-0050 EA Combination Clock And Speaker.....	615.77	135.78
27 53 13 16-0051 EA 5 Amp, 115/220 VAC, 24 VAC, RTN, 24 VDC Power Supply (Lathem PS8-24).....	613.46	54.31

END OF SECTION 27

27 Communications

27 50 Distributed Communications and Monitoring Systems

27 53 Distributed Systems

MINOR	DESCRIPTION	TOTAL DIRECT	DEMOLITION
CSI	UOM	UNIT COST	UNIT COST

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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28 Electronic Safety and Security

Note: Termination costs are included with all safety and security equipment, panel boards, and devices. Terminations are not included with patch panels.

28 05 Common Work Results for Electronic Safety and Security ⁽²⁸⁾

28 05 26 Grounding and Bonding for Electronic Safety and Security ^(28 05)

See CSI section 26 05 26 00-0000 for grounding and bonding.

28 05 53 Identification for Electronic Safety and Security ^(28 05)

See CSI section 26 05 53 00-0000 for identification.

28 10 Access Control ⁽²⁸⁾

Note: Includes testing of new devices and certification.

28 15 Integrated Access Control Hardware Devices ^(28 10)

28 15 11 Integrated Credential Readers and Field Entry Management ^(28 15)

28 15 11 13 Keypads ^(28 15 11)

28 15 11 13-0001	EA	Vindicator Security Alarm System ^(28 15 11 13)	1,542.08		226.49
28 15 11 13-0002	EA	Switch, Balanced Magnetic Door (Security) Vindicator #192-30894-00.....	1,950.72		294.39
28 15 11 13-0003	EA	Detector, Passive Infrared (Security) Vindicator #316-30812-00.....	11,105.15		645.25
28 15 11 13-0004	EA	Premise Control Unit (Security) Vindicator #548-32004-01.....	5,278.47		549.88
28 15 11 13-0005	EA	Access Manager (Security Key Pad) Vindicator #548-31894-01.....	1,218.98		300.79
28 15 11 13-0006	EA	ALS Duress Switch (Security) Vindicator #192-30810-00.....			

28 16 Access Control Interfaces ^(28 10)

28 16 11 Access Control Interfaces to Access Control Hardware ^(28 16)

28 16 11 00-0001		Stand Alone Access Controls ^(28 16 11)			
28 16 11 00-0002		Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0001)			
28 16 11 00-0003		Interior Mount, Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0002)			
28 16 11 00-0004	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls..... Note: Controls mount to a standard mullion.	136.74		27.16
28 16 11 00-0005	EA	Exit Push Button, Push Button Controls, Interior Stand Alone Access Controls..... Note: Controls mount into a single gang electrical box. Excludes electrical box.	143.60		27.16
28 16 11 00-0006	EA	Three Button, Push Button Controls, Interior Stand Alone Access Controls For Gate Operators..... Note: Controls mount into a single gang electrical box. Excludes electrical box.	183.10		27.16
28 16 11 00-0007		Exterior Mount, Push Button Controls, Stand Alone Access Controls ^(28 16 11 00-0002)			
28 16 11 00-0008	EA	Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls..... Note: Controls mount into a single gang electrical box. Excludes electrical box.	173.37		27.16
28 16 11 00-0009	EA	42" High Aluminum Post With Handicap/Push To Open, Push Button Controls, Exterior Stand Alone Access Controls..... Note: Includes post, mounting base and push button control. Excludes concrete foundation.	847.53		81.47
28 16 11 00-0010	EA	Three Button, Exterior Stand Alone Access Controls For Gate Operators..... Note: Includes open, close and stop controls.	286.13		27.16
28 16 11 00-0011		Key Controls, Stand Alone Access Controls ^(28 16 11 00-0001)			
28 16 11 00-0012		Interior Mount, Key Controls, Stand Alone Access Controls ^(28 16 11 00-0011)			
28 16 11 00-0013	EA	Standard Mortise Key, Key Controls, Interior Stand Alone Access Controls..... Note: Controls mount into a single gang electrical box. Excludes electrical box.	195.98		27.16
28 16 11 00-0014		Exterior Mount, Key Controls, Stand Alone Access Controls ^(28 16 11 00-0011)			
28 16 11 00-0015	EA	Postal Or Fire Department Lock Box, Key Controls, Exterior Stand Alone Access Controls..... Note: Opens door or gate with a postal or fire department key.	297.52		54.31
28 16 11 00-0016	EA	Standard Mortise Key, Key Controls, Exterior Stand Alone Access Controls.....	479.55		54.31
28 16 11 00-0017	EA	Ace Key, Key Controls, Exterior Stand Alone Access Controls.....	479.55		54.31
28 16 11 00-0018	EA	Standard Mortise Key And Push Button Intercom, Key Controls, Exterior Stand Alone Access Controls.....	740.56		54.31
28 16 11 00-0019		Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0001)			
28 16 11 00-0020		Interior Mount, Keypad Controls, Stand Alone Access Controls ^(28 16 11 00-0019)			
28 16 11 00-0021	EA	One Code Memory, Keypad Control, Interior Stand Alone Access Controls..... Note: Stores one 4-digit entry code and one 4-digit hold code. Controls mount into a single gang electrical box. Excludes electrical box.	277.55		27.16

28 Electronic Safety and Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0022 Exterior Mount, Keypad Controls, Stand Alone Access Controls <small>(28 16 11 00-0019)</small> Note: Includes a surface mounted lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0023 Keypad Controls, Exterior Stand Alone Access Controls <small>(28 16 11 00-0022)</small>		
28 16 11 00-0024 EA 1000 Code Memory, Keypad Control, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	1,161.72 212.50	108.63
28 16 11 00-0025 Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls <small>(28 16 11 00-0022)</small> Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0026 EA 1000 Code Memory, Keypad Controls With Push Button Intercom, Exterior Stand Alone Access Controls Note: Includes lighted keypad. Stores one thousand 4-digit entry codes and six 5-digit entry codes. <i>For Flush Mount, Add</i>	1,412.11 262.73	122.21
28 16 11 00-0027 RF Controls, Stand Alone Access Controls <small>(28 16 11 00-0001)</small>		
28 16 11 00-0028 Exterior Mount, RF Controls, Stand Alone Access Controls <small>(28 16 11 00-0027)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0029 RF Receivers, RF Controls, Exterior Stand Alone Access Controls <small>(28 16 11 00-0028)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts and transmitters.		
28 16 11 00-0030 EA 50 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	680.90	108.63
28 16 11 00-0031 EA 100 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	773.63	108.63
28 16 11 00-0032 EA 250 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	862.93	108.63
28 16 11 00-0033 EA 500 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	959.09	108.63
28 16 11 00-0034 EA 1000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,048.38	108.63
28 16 11 00-0035 EA 5000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,144.55	108.63
28 16 11 00-0036 EA 16000 Code Memory, RF Receiver, RF Controls, Exterior Stand Alone Access Controls	1,233.84	108.63
28 16 11 00-0037 RF Transmitters, RF Controls, Exterior Stand Alone Access Controls <small>(28 16 11 00-0028)</small>		
28 16 11 00-0038 EA 1 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	58.38	
<i>For >40 To 110, Deduct</i>	-2.92	
<i>For >110, Deduct</i>	-5.84	
<i>For Built In Proximity Tags, Add</i>	11.68	
28 16 11 00-0039 EA 2 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	61.82	
<i>For >40 To 110, Deduct</i>	-3.09	
<i>For >110, Deduct</i>	-6.18	
<i>For Built In Proximity Tags, Add</i>	12.36	
28 16 11 00-0040 EA 3 Button, RF Transmitter, RF Controls, Exterior Stand Alone Access Controls	65.25	
<i>For >40 To 110, Deduct</i>	-3.26	
<i>For >110, Deduct</i>	-6.53	
<i>For Built In Proximity Tags, Add</i>	13.05	
28 16 11 00-0041 Accessories For RF Receivers, Exterior Stand Alone Access Controls <small>(28 16 11 00-0028)</small>		
28 16 11 00-0042 EA Coax Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls	245.37	81.47
Note: Includes 15' of coax cable.		
28 16 11 00-0043 EA Antenna Amplifier For RF Receivers, Exterior Stand Alone Access Controls	506.38	81.47
Note: Includes 20' of coax cable.		
28 16 11 00-0044 EA Yagi High-Gain Antenna Kit For RF Receivers, Exterior Stand Alone Access Controls	458.30	81.47
Note: Includes 15' of coax cable.		
28 16 11 00-0045 Proximity Card Controls, Stand Alone Access Controls <small>(28 16 11 00-0001)</small>		
28 16 11 00-0046 Exterior Mount, Proximity Card Controls, Stand Alone Access Controls <small>(28 16 11 00-0045)</small> Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0047 DKS Proximity Card Controls, Exterior Stand Alone Access Controls <small>(28 16 11 00-0046)</small>		
28 16 11 00-0048 DKS Proximity Card Readers, Exterior Stand Alone Access Controls <small>(28 16 11 00-0047)</small>		
28 16 11 00-0049 EA DKS Proximity Card Reader, Exterior Stand Alone Access Controls	1,333.44	108.63
28 16 11 00-0050 AWID Proximity Card Controls, Exterior Stand Alone Access Controls <small>(28 16 11 00-0046)</small>		
28 16 11 00-0051 AWID Proximity Card Readers, Exterior Stand Alone Access Controls <small>(28 16 11 00-0050)</small>		
28 16 11 00-0052 EA AWID Proximity Card Reader, Exterior Stand Alone Access Controls	1,453.64	108.63
28 16 11 00-0053 HID Proximity Card Controls, Exterior Stand Alone Access Controls <small>(28 16 11 00-0046)</small>		
28 16 11 00-0054 HID Proximity Card Readers, Exterior Stand Alone Access Controls <small>(28 16 11 00-0053)</small>		
28 16 11 00-0055 EA HID Proximity Card Reader, Exterior Stand Alone Access Controls	1,728.40	108.63

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0056	Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 16 11 00-0001)</small>	
28 16 11 00-0057	Interior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 16 11 00-0056)</small>	
28 16 11 00-0058	EA	Magnetic Stripe Reader, Interior Stand Alone Access Controls..... 783.94 108.63
28 16 11 00-0059	Exterior Mount, Magnetic Stripe Card Controls, Stand Alone Access Controls <small>(28 16 11 00-0056)</small>	
Note: Includes a lockable NEMA rain resistant steel enclosure. Excludes mounting posts.		
28 16 11 00-0060	EA	Magnetic Stripe Reader, Exterior Stand Alone Access Controls..... 977.87 108.63
28 16 11 00-0061	Other Stand Alone Access Controls <small>(28 16 11 00-0001)</small>	
28 16 11 00-0062	EA	Toggle Switch, Interior Access Controls For Gate Operators 131.58 27.16
Note: Controls mount into a single gang electrical box. Excludes electrical box.		
28 16 11 00-0063	EA	Request To Exit Motion Detector (Bosch Security Systems DS160) 142.03 21.72
28 16 11 00-0064	Wiegand Output Access Controls <small>(28 16 11)</small>	
Note: Excludes controllers.		
28 16 11 00-0065	Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0064)</small>	
28 16 11 00-0066	DKS, Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0065)</small>	
28 16 11 00-0067	DKS, Proximity Cards <small>(28 16 11 00-0066)</small>	
28 16 11 00-0068	EA	Clamshell Type, DKS Proximity Card (DKS 170)..... 9.14
28 16 11 00-0069	EA	ISO Compliant Graphics Card, DKS Proximity Card (DKS 80)..... 15.07
28 16 11 00-0070	EA	DKS Proximity Key Fob (DKS 50)..... 15.87
28 16 11 00-0071	EA	Active Tag, DKS Proximity Tag (DKS 150)..... 89.75
Note: Battery powered tag to boost signal.		
28 16 11 00-0072	EA	Active Tag, DKS Proximity Tag (DKS 200)..... 117.00
Note: Battery powered tag to boost signal.		
28 16 11 00-0073	DKS, Proximity Card Readers, Wiegand Output Access Controls <small>(28 16 11 00-0066)</small>	
28 16 11 00-0074	EA	Up To 2" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Small)..... 454.28 135.78
28 16 11 00-0075	EA	Up To 3" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Mullion) 454.28 135.78
28 16 11 00-0076	EA	Up To 4" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS Single Gang) 454.28 135.78
28 16 11 00-0077	EA	Up To 30" Read Range, 12 Volt DC, DKS Proximity Card Reader, Wiegand Output Access Controls (DKS)..... 1,310.13 135.78
Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0078	AWID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0065)</small>	
28 16 11 00-0079	AWID, Proximity Cards <small>(28 16 11 00-0078)</small>	
28 16 11 00-0080	EA	Clamshell Type, AWID Proximity Card (AWID Prox-Linc CS) 7.69
28 16 11 00-0081	EA	ISO Compliant Graphics Card, AWID Proximity Card (AWID Prox-Linc GR) 12.02
28 16 11 00-0082	EA	AWID Proximity Key Fob (AWID Prox-Linc KT) 12.82
28 16 11 00-0083	EA	Windshield Tag For LR 2000 Readers, AWID Proximity Tag 44.88
28 16 11 00-0084	EA	Metal Mount Tag For LR 2000 Readers, AWID Proximity Tag 44.88
28 16 11 00-0085	AWID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 16 11 00-0078)</small>	
28 16 11 00-0086	EA	Up To 4" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID SR 2400)..... 560.06 135.78
Note: For mullion mounting.		
28 16 11 00-0087	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6800)..... 790.85 135.78
Note: For mullion mounting.		
28 16 11 00-0088	EA	Up To 8" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MM 6820)..... 790.85 135.78
Note: For single gang electrical box mounting.		
28 16 11 00-0089	EA	Up To 24" Read Range, 5-12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID MR 1824)..... 1,313.34 135.78
Note: Includes 12 Volt DC regulated power supply.		
28 16 11 00-0090	EA	Up To 11' Read Range, 12 Volt DC, AWID Proximity Card Reader, Wiegand Output Access Controls (AWID LR 2000)..... 7,583.18 135.78
Note: Includes mounting bracket and 12 Volt DC regulated power supply.		
28 16 11 00-0091	HID, Proximity Card Controls, Wiegand Output Access Controls <small>(28 16 11 00-0065)</small>	
28 16 11 00-0092	HID, Proximity Cards <small>(28 16 11 00-0091)</small>	
28 16 11 00-0093	EA	Clamshell Type, HID Proximity Card (HID ProxCard II)..... 17.45
28 16 11 00-0094	EA	ISO Compliant Graphics Card, HID Proximity Card (HID ISOProx II)..... 23.22
28 16 11 00-0095	EA	HID Proximity Key Fob (HID ProxKey II) 23.86
28 16 11 00-0096	HID, Proximity Card Readers, Wiegand Output Access Controls <small>(28 16 11 00-0091)</small>	

28 Electronic Safety and Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0097 EA Up To 3" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ProxPoint Plus).....	512.37	135.78
Note: For mullion mounting. (HID P/N 6005).		
28 16 11 00-0098 EA Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID ThinLine II).....	609.66	135.78
Note: For single gang electrical box mounting. (HID P/N 5395).		
28 16 11 00-0099 EA Up To 5" Read Range, 5-16 Volt DC, HID Proximity Card Reader, Wiegand Output Access Controls (HID MiniProx).....	682.63	135.78
Note: For mullion mounting. (HID P/N 5365).		
28 16 11 00-0100 EA EntryProx Single-Door Proximity Access Control.....	879.65	135.78
Note: (HID P/N 4045) Stores up to 2,000 users and 1,000 time-stamped transactions 12 position keypad for Pin entry or programming optional use with card/key fob, code only or card plus pin code Wiegand output mode. Continental Instrument CICR2358P.		
28 16 11 00-0101 Contactless Smart Card Controls, Wiegand Output Access Controls (28 16 11 00-0064)		
28 16 11 00-0102 HID, Contactless Smart Cards (28 16 11 00-0101)		
28 16 11 00-0103 EA 2K Bits, Clamshell Type, HID iClass, Contactless Smart Card.....	14.10	
28 16 11 00-0104 EA 16K Bits, ISO Compliant Graphics Card, HID iClass, Contactless Smart Card.....	15.40	
28 16 11 00-0105 EA 16K Bits, Contactless Smartcard Key Fob, HID iClass, Contactless Smart Card.....	20.15	
28 16 11 00-0106 EA 16K Bits, Contactless Smartcard Tag, HID iClass, Contactless Smart Card.....	10.91	
Note: Battery powered tag to boost signal.		
28 16 11 00-0107 HID, Contactless Smart Card Readers, Wiegand Output Access Controls (28 16 11 00-0101)		
28 16 11 00-0108 EA Up To 3-1/4" Read Range, 5-16 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R10).....	525.94	135.78
Note: For mullion mounting.		
28 16 11 00-0109 EA Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader, Wiegand Output Access Controls (HID R40).....	737.50	135.78
Note: For mullion mounting.		
28 16 11 00-0110 EA Up To 4-1/4" Read Range, 5-12 Volt DC, HID iClass Contactless Smart Card Reader With Keypad, Wiegand Output Access Controls (HID RK40).....	1,213.51	135.78
Note: For mullion mounting.		
28 16 11 00-0111 HID, Contactless Smart Card Programmer, Wiegand Output Access Controls (28 16 11 00-0101)		
28 16 11 00-0112 EA HID iClass Contactless Smart Card Programmer, Wiegand Output Access Controls (HID CP400).....	3,890.74	135.78
Note: For mullion mounting.		
28 16 11 00-0113 Call Station Controls, Wiegand Output Access Controls (28 16 11 00-0064)		
Note: Includes intercom sub-station. Excludes additional receiving intercoms.		
28 16 11 00-0114 EA Call Station With Entry Keypad, Exterior Wiegand Output Access Controls.....	1,507.95	135.78
Note: For mullion mounting.		
28 16 11 00-0115 EA Call Station With Proximity Card Reader, Exterior Wiegand Output Access Controls.....	1,250.37	135.78
Note: For mullion mounting.		
28 16 11 00-0116 Biometrics Readers, Wiegand Output Access Controls (28 16 11 00-0064)		
28 16 11 00-0117 EA Palm Reader Recognition System, Biometrics Readers, Wiegand Output Access Controls.....	6,657.56	108.63
28 16 11 00-0118 EA CCD Camera, Face Image, Biometrics Readers, Wiegand Output Access Controls.....	8,137.49	108.63
28 16 11 00-0119 EA Video Grabber Card For DFR Reader, Biometrics Readers, Wiegand Output Access Controls.....	3,191.99	108.63
28 16 11 00-0120 EA Fingerprint Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Pass).....	1,967.66	108.63
28 16 11 00-0121 EA Fingerprint Reader With HID Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Prox).....	2,194.33	108.63
28 16 11 00-0122 EA Fingerprint Reader With Contactless Smart Card Reader, Biometrics Readers, Wiegand Output Access Controls (Bioscrypt V-Smart).....	1,967.66	108.63
28 16 11 00-0123 Exterior Mounting Posts For Gate Operator Access Controls (28 16 11)		
Note: Includes mounting plate for access controls, baked on enamel finish and mounting bolt covers. Excludes concrete pads and electrical connections.		
28 16 11 00-0124 2" x 2" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)		
28 16 11 00-0125 EA 44" Tall, Gooseneck Style, Single Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	449.67	41.10
Note: Includes a 5" x 5" base plate.		
28 16 11 00-0126 EA 73" Tall, Gooseneck Style, Dual Mount, 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	854.93	41.10
Note: Includes an 8" x 8" base plate.		
28 16 11 00-0127 EA Anchor Post For 2" x 2" Steel, Exterior Mounting Post For Gate Operator Access Controls.....	408.46	41.10
Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.		
28 16 11 00-0128 4" x 4" Steel, Exterior Mounting Posts For Gate Operator Access Controls (28 16 11 00-0123)		
28 16 11 00-0129 EA 59" Tall, Straight Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls.....	806.13	49.32
Note: Includes an 8" x 8" base plate.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0130 EA 49" Tall, Offset Style, Single Mount, 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes an 8" x 8" base plate and a 14" offset from back of post.	957.24	49.32
28 16 11 00-0131 EA Anchor Post For 4" x 4" Steel, Exterior Mounting Post For Vehicular Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	596.63	49.32
28 16 11 00-0132 4" x 8" Steel, Exterior Mounting Posts For Gate Operator Access Controls^(28 16 11 00-0123)		
28 16 11 00-0133 EA 59" Tall, Straight Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 11" x 13" base plate.	2,578.89	61.65
28 16 11 00-0134 EA 50" Tall, Offset Style, Single Mount, 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 10" x 14" base plate and a 14" offset from back of post.	2,699.09	61.65
28 16 11 00-0135 EA Anchor Post For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls Note: Includes a 24" in-ground post with matching base plate, conduit access and mounting hardware.	1,136.44	20.55
28 16 11 00-0136 EA 48" Light Tower For 4" x 8" Steel, Exterior Mounting Post For Gate Operator Access Controls	1,788.97	61.65
28 16 11 00-0137 Access Control Accessories^(28 16 11)		
28 16 11 00-0138 EA 6 Volt DC, 12 Volt DC, Or 24 Volt DC, At 4 Amperes, Power Supply/Charger (Altronix SMP-5)	624.94	
28 16 11 00-0139 EA 7 Amperes, 12 Volt, Battery	84.11	
28 16 11 00-0140 EA 18 Amperes, 12 Volt, Battery	187.47	
28 16 11 00-0141 EA Door Personality Module (Sensormatic RM-4).....	681.89	27.16
28 16 11 00-0142 EA Mini-Alert Door Ajar Sounder (System Sensor PA400).....	268.57	54.31
28 16 11 00-0143 EA Recessed Contact For Steel Doors, Door Monitor Switch (Sentrol 1078C).....	77.59	32.59
28 16 11 00-0144 EA Access Control Systems Power Supply (Altronix AL400ULACMCB).....	760.97	21.72
28 16 11 00-0145 EA Surge Suppressor (Tripp-Lite IBAR4).....	114.26	5.44
28 16 11 00-0146 EA Door Strike Relay (Altronix RBSN-TTL).....	75.35	21.72
28 16 11 00-0147 EA 4" Diameter x 74" High, Powder Coated Steel, Burial Mount Gooseneck For Access Control Devices (GNB-1) Note: Set in concrete.	444.93	
28 16 11 00-0148 EA 16-Zone Input, Door Controller Expansion Module With 16" SPI Cable (Kantech KT-MOD-INP16).....	649.03	135.78
28 16 11 00-0149 Access Controllers^(28 16 11)		
28 16 11 00-0150 Microterm Controller^(28 16 11 00-0149)		
28 16 11 00-0151 EA Microterm Stand Alone One Or Two Door Processing Panel (Continental Instruments CICIP1100)..... Note: Up to 1,000 card capacity. Includes 2 alarm inputs, tamper alarm, and 3 relay outputs.	1,730.48	135.78
28 16 11 00-0152 EA Microterm PC Board (Continental Instruments CICIP1100PCB)	1,261.90	81.47
28 16 11 00-0153 EA Battery Standby For Microterm (Continental Instruments CICIP1100BAT-2)..... Note: Input 120 Volt AC, output 12 Volt DC to temporarily power the Microterm only.	607.20	
28 16 11 00-0154 Miniterm Controller^(28 16 11 00-0149)		
28 16 11 00-0155 EA Miniterm Two Reader Processing Panel (Continental Instrument CICIP1200)..... Note: Up to 3,000 card capacity. Includes 8 EOL Class A supervised alarm inputs, temper alarm, and 5 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,732.09	135.78
28 16 11 00-0156 EA Miniterm PC Board (Continental Instrument CICIP1200PCB)	2,080.55	81.47
28 16 11 00-0157 Super-2 Controller^(28 16 11 00-0149)		
28 16 11 00-0158 EA Super-Two - Two Reader Processing Panel (Continental Instruments CICIP1300) Note: For use with CA3000 V2.0.25 and above. Up to a 125,000 card capacity, 8 EOL supervised alarm inputs, tamper, 5 relay outputs. Support for on-board LAN adapter, 57,600 baud rate, 6 access groups per card-holder and compressed data mode. Complete in a lockable steel enclosure with battery standby for memory and system operation.	2,011.98	135.78
28 16 11 00-0159 EA Super-Two - PC Board (Continental Instruments CICIP1300BD).....	1,392.31	81.47
28 16 11 00-0160 EA Network Interface Board For Super-2 (Continental Instruments CICIP1300NETBD) Note: Optional on-board adapter allows for communication over TCP/IP.	372.74	81.47
28 16 11 00-0161 Smarterm Controller^(28 16 11 00-0149)		
28 16 11 00-0162 EA Smarterm Four Reader Processing Panel (Continental Instrument CICIP1400) Note: Card capacity up to 2,500. Includes 16 alarm inputs, tamper alarm, and 9 relay outputs. Complete in a lockable steel enclosure with battery standby for memory and system operation.	5,774.53	162.94
28 16 11 00-0163 EA Smarterm PC Board (Continental Instrument CICIP1400PCB)	4,466.81	81.47
28 16 11 00-0164 EA Smarterm Memory Board - 256K (Continental Instrument CICIP1400MB256-1)..... Note: Up to 10,000 cardholders.	1,727.36	81.47
28 16 11 00-0165 EA Smarterm Memory Board - 2MB (Continental Instrument CICIP1400MB2-1)..... Note: Up to 50,000 cardholders.	2,463.19	81.47
28 16 11 00-0166 EA Smarterm Relay Expander Board (Continental Instrument CICIP1400RB).....	1,911.82	81.47
28 16 11 00-0167 EA Smarterm Alarm Expander Board (Continental Instrument CICIP1400RB)..... Note: (Supervised) 16 alarm inputs.	1,911.82	81.47
28 16 11 00-0168 Superterm-4 Controller^(28 16 11 00-0149)		
28 16 11 00-0169 EA Superterm-4 - Four Reader Processing Panel (Continental Instrument CICIP1400UL) Note: 20,000 card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.	5,325.50	162.94
28 16 11 00-0170 EA Superterm-4 PC Board (Continental Instrument CICIP1400ULPCB).....	4,391.33	81.47

28 Electronic Safety and Security**28 10 Access Control****28 16 Access Control Interfaces**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 16 11 00-0171		Superterm-8 Controller (28 16 11 00-0149)			
28 16 11 00-0172	EA	Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800).....	7,070.96		271.57
		Note: Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.			
28 16 11 00-0173	EA	Superterm-8 - Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800EXP).....	7,684.15		271.57
		Note: With expanded power supply. (required if more than 1 relay expander board is used.) Up to 20,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including 7 AH battery standby for memory and system operation.			
28 16 11 00-0174	EA	Superterm-8 PC Board (Continental Instrument CICP1800PCB).....	5,919.53		81.47
28 16 11 00-0175		Turbo Superterm-4 Controller (28 16 11 00-0149)			
28 16 11 00-0176	EA	Turbo Superterm-4 - Four Reader Processing Panel (Continental Instrument CICP1400ULT).....	5,325.50		162.94
		Note: 20,000 Card capacity, 12 supervised alarm inputs, tamper alarm, and 9 relay outputs. Complete in a painted steel enclosure with 7 AH battery standby for system operation.			
28 16 11 00-0177	EA	Turbo Superterm-4 PC Board (Continental Instrument CICP1400ULTPCB).....	4,391.33		81.47
28 16 11 00-0178		Turbo Superterm-8 Controller (28 16 11 00-0149)			
28 16 11 00-0179	EA	Turbo Superterm-8 - Eight Reader Processing Panel (Continental Instrument CICP1800T).....	7,070.96		271.57
		Note: For use with CA3000 V2.0.25 and above. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.			
28 16 11 00-0180	EA	Turbo Superterm-8 -Eight Reader Processing Panel, Expanded Power (Continental Instrument CICP1800TEXP).....	7,684.15		271.57
		Note: Required if more than one relay expander board is used. Up to 40,000 card capacity, 24 supervised alarm inputs, tamper alarm, and 17 relay outputs. Complete in a steel enclosure including a 7 AH battery standby for memory and system operation.			
28 16 11 00-0181	EA	Turbo Superterm-8 PC Board (Continental Instrument CICP1800TPCB).....	5,919.53		81.47
28 16 11 00-0182	EA	Superterm Memory Board - 2MB (Continental Instrument CICP1800MB2).....	2,463.19		81.47
		Note: Up to 140,000 cardholders.			
28 16 11 00-0183	EA	Turbo/Superterm-8 Memory Board - 2MB (Continental Instrument CICP1800MB2X2).....	2,070.73		81.47
		Note: Up to 140,000 cardholders.			
28 16 11 00-0184	EA	Turbo Superterm-8 Relay Expander Board (Continental Instrument CICP1800RB).....	1,913.80		81.47
		Note: 16 Output relays, 8 alarm inputs.			
28 16 11 00-0185	EA	Turbo Superterm-8 Alarm Expander Board (Continental Instrument CICP1800RB).....	1,913.80		81.47
		Note: (Supervised) 16 Alarm inputs.			
28 16 11 00-0186	EA	Expanded Power Supply For Superterm Or Turbo Superterm (Continental Instrument CICPEXPWS).....	786.52		
28 16 11 00-0187		Intelligent Controller (28 16 11 00-0149)			
28 16 11 00-0188	EA	Intelligent Controller With Paired Reader Interface for One Physical Barrier (Mercury Security EP-1501).....	1,366.80		81.47
28 16 11 00-0189	EA	Up To 64 Doors, Access Controller (Mercury Security EP-1502).....	2,348.45		135.78
28 16 11 00-0190		Access Control Bundled System (28 16 11)			
28 16 11 00-0191	EA	CA 3000 Bundled System, Supports 25 Users (Continental Instrument CA3B250P4O3V0R0).....	38,831.57		
		Note: System includes PC, monitor, keyboard, mouse, OS, Card Access 3000 file server software, MS SQL 2000, 1 SQL host license, and security key.			
28 16 11 00-0192		Magnetic Locks (28 16 11) Note: Excludes access controls.			
28 16 11 00-0193		Magnetic Door Locks (28 16 11 00-0192)			
28 16 11 00-0194		300 LB Magnetic Door Locks (28 16 11 00-0193)			
28 16 11 00-0195	EA	Single Door, Surface Mount, 300 LB Magnetic Door Lock.....	625.95		108.63
28 16 11 00-0196		600 LB Magnetic Door Locks (28 16 11 00-0193)			
28 16 11 00-0197	EA	600 LB, Single Door, Surface Mount, Magnetic Door Lock.....	909.29		108.63
		For LED Status Indicator And Signal Relay, Add	86.50		
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	173.01		
		For Mortise Mount, Deduct	-138.41		
28 16 11 00-0198	EA	600 LB, Dual Doors, Surface Mount, Magnetic Door Lock.....	1,374.65		108.63
		For LED Status Indicator And Signal Relay, Add	144.67		
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	289.35		
28 16 11 00-0199		1,200 LB Magnetic Door Locks (28 16 11 00-0193)			
28 16 11 00-0200	EA	1,200 LB, Single Door, Surface Mount, Magnetic Door Lock.....	952.22		108.63
		For LED Status Indicator And Signal Relay, Add	169.04		
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	220.49		
28 16 11 00-0201	EA	Dual Doors, Surface Mount, 1,200 LB Magnetic Door Lock.....	1,467.38		108.63
		For LED Status Indicator And Signal Relay, Add	287.53		
		For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add	375.04		
28 16 11 00-0202		2,000 LB Shear Lock, Magnetic And Mechanical Locks (28 16 11 00-0193) Note: Includes LED status indicator and built-in signal relay.			
28 16 11 00-0203	EA	Single Door, Mortise Mount, 2,000 LB Shear Lock, Magnetic And Mechanical Door Lock.....	998.59		108.63

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 16 11 00-0204	Magnetic Gate Locks <small>(28 16 11 00-0192)</small>	
28 16 11 00-0205	600 LB Magnetic Gate Locks <small>(28 16 11 00-0204)</small>	
28 16 11 00-0206 EA	600 LB Magnetic Gate Lock 739.29	108.63
28 16 11 00-0207	1,200 LB Magnetic Gate Locks <small>(28 16 11 00-0204)</small>	
28 16 11 00-0208 EA	1,200 LB Magnetic Gate Lock 895.55	108.63
	<i>For LED Status Indicator And Signal Relay, Add</i> 84.79	
	<i>For LED Status Indicator, Signal Relay And Built-In Delay Timer, Add</i> 169.57	
	<i>For Mortise Mount, Deduct</i> -135.66	
28 16 11 00-0209	Magnetic Lock Power Supply And Chargers <small>(28 16 11 00-0192)</small>	
	<i>Note: Includes lockable metal enclosure, batteries, battery charger and electronically regulated outputs.</i>	
28 16 11 00-0210 EA	12/24 Volt DC At 1 Ampere, Magnetic Lock Backup Power Supply And Charger 539.37	108.63
28 16 11 00-0211 EA	12/24 Volt DC At 2-1/2 Amperes, Magnetic Lock Backup Power Supply And Charger 695.06	108.63
28 16 11 00-0212 EA	12 Volt DC At 4 Amperes And 24 Volt DC At 3 Amperes, Magnetic Lock Backup Power Supply And Charger 786.64	108.63
28 16 11 00-0213 EA	12/24 Volt DC At 6 Amperes, Magnetic Lock Backup Power Supply And Charger 997.29	108.63
28 16 11 00-0214	Master Door Buzzer Stations <small>(28 16 11)</small>	
28 16 11 00-0215	Master Stations <small>(28 16 11 00-0214)</small>	
28 16 11 00-0216 EA	Master Stations, 5 Station Intercommunication Equipment 1,116.27	169.46
28 16 11 00-0217 EA	Master Stations, 10 Station Intercommunication Equipment 1,657.28	328.06
28 16 11 00-0218 EA	Master Station, Desk Style Remote Intercommunication Equipment 476.58	84.73
28 16 11 00-0219 EA	Master Station, Flush Wall Remote Intercommunication Equipment 600.83	141.22
28 16 11 00-0220 EA	Sound System Outlet, Protector 149.03	55.30
28 16 11 00-0221 EA	Sound System Microphone Outlet 256.21	113.19
28 16 11 00-0222 EA	Ceiling Or Wall, Sound System Speaker 204.58	55.30
28 16 11 00-0223 EA	Sound System Monitor Panel 610.94	113.19
28 16 11 00-0224 EA	Sound System Volume Control 174.65	55.30
28 16 11 00-0225 EA	250 Watt, Sound System Amplifier 2,845.88	452.66
28 16 11 00-0226 EA	Sound System Cabinet 1,610.38	452.66
28 16 11 00-0227	Master Door Stations <small>(28 16 11 00-0214)</small>	
28 16 11 00-0228 EA	Master Door Stations, Button Buzzer Type, 25 Station 2,337.42	
	<i>For Intercom Type Master Door Station, Add</i> 213.38	
28 16 11 00-0229 EA	Master Door Stations, Button Buzzer Type, 50 Station 3,867.94	
	<i>For Intercom Type Master Door Station, Add</i> 345.67	
28 16 11 00-0230 EA	Master Door Stations, Button Buzzer Type, 75 Station 5,297.14	
	<i>For Intercom Type Master Door Station, Add</i> 448.09	
28 16 11 00-0231 EA	Master Door Stations, Button Buzzer Type, 100 Station 6,060.33	
	<i>For Intercom Type Master Door Station, Add</i> 524.90	
28 16 11 00-0232 EA	Master Door Stations, Button Buzzer Type, 150 Station 7,409.99	
	<i>For Intercom Type Master Door Station, Add</i> 768.15	
28 16 11 00-0233 EA	Master Door Stations, Button Buzzer Type, 200 Station 8,731.63	
	<i>For Intercom Type Master Door Station, Add</i> 990.06	
28 16 11 00-0234 EA	Master Door Stations, Button Buzzer Type, 250 Station 11,006.24	
	<i>For Intercom Type Master Door Station, Add</i> 1,280.25	
28 16 11 00-0235 EA	Master Door Stations, Button Buzzer Type, 300 Station 13,122.84	
	<i>For Intercom Type Master Door Station, Add</i> 1,468.02	
28 16 11 00-0236 EA	Transformer 164.11	
28 16 11 00-0237 EA	Door Opener 242.57	
28 16 11 00-0238 EA	Buzzer With Door Release And Plate 296.92	
28 16 11 00-0239 EA	Amplifier For Intercom Type Unit 506.45	
28 16 11 00-0240 EA	Speaker With Door Release 210.34	

28 18 Security Access Detection Equipment (28 10)

28 18 11 Security Access Metal Detectors (28 18)

28 18 11 00-0001 Metal Detectors (28 18 11)

28 18 11 00-0002 EA	Handheld Scanner (Garrett Super Scanner V) 267.44	27.16
28 18 11 00-0003 EA	Single-Zone, Walk-Through Metal Detector, Complete Unit (Garrett CS 5000) 4,346.73	325.88
28 18 11 00-0004 EA	Multi-Zone, Walk-Through Metal Detector, Complete Unit (Garrett PD 6500I) 6,728.87	434.51

28 20 Video Surveillance (28)

Note: Includes testing of new devices and certification.

28 21 Surveillance Cameras (28 20)

28 21 31 Proprietary Surveillance Camera Systems (28 21)

Note: Includes programming of equipment, testing and certification of new devices.

28 21 31 00-0001	Closed Circuit Television And Surveillance Systems <small>(28 21 31)</small>	
28 21 31 00-0002	Cameras And Accessories <small>(28 21 31 00-0001)</small>	

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 21 31 00-0003		Cameras (28 21 31 00-0002)			
28 21 31 00-0004		General Use Video Camera (28 21 31 00-0003)			
28 21 31 00-0005	EA	Environmental Pendant Mounted High Performance Dome Camera..... Note: 16x optical and 8x digital zoom. Auto focus, high resolution integrated low light color camera. Pelco model SD53TC-PG-E1.	4,407.64		108.63
28 21 31 00-0006	EA	Spare CCTV Camera..... Note: Pelco model DD53TC-16.	3,254.44		108.63
28 21 31 00-0007	EA	1/3" CCD Wide Range DSP Color Camera Note: JVC model TK-C1460U	1,576.71		108.63
28 21 31 00-0008	EA	1/3" High Resolution Digital CCD Day/Night Camera Note: Pelco model CC3770H.	1,064.56		108.63
28 21 31 00-0009		Camera Power Supply (28 21 31 00-0003)			
28 21 31 00-0010	EA	24 Volt AC, Outdoor..... Note: Type WCS1-4 as manufactured by Pelco	359.56		54.31
28 21 31 00-0011	EA	24 Volt AC, Indoor Power Supply Units Note: Type MCS16-20B as manufactured by Pelco	524.51		54.31
28 21 31 00-0012	EA	24 Volt AC, 7 Amperes (175VA) Rack Mount CCTV Power Supply Note: Altronix model R2416UL. 16 Fuse protected outputs.	6,197.56		135.78
28 21 31 00-0013		Enclosures (28 21 31 00-0002)			
28 21 31 00-0014	EA	19" Gangable Enclosure Note: Middle Atlantic Products model MRK-4426. 1/8" Thick structural steel internal braces.	1,797.18		135.78
28 21 31 00-0015		Miscellaneous Accessories (28 21 31 00-0002)			
28 21 31 00-0016	EA	Digital Video Controller, 8/16 Camera Inputs, 80GB-1TB Storage Note: Pelco model DX8008-1000	19,775.16		95.05
28 21 31 00-0017	EA	Video Mass Storage Unit, Up To 14 IDE Drives Note: Pelco model DX9200HDDI	36,855.80		95.05
28 21 31 00-0018	EA	Line-Interactive Network Power Management System Note: Trip Lite model SMART1500RM2U. 1500VA line interactive 2U rack/tower UPS system with sine wave output in AC and battery mode. 8 outlets arranged in 2 switchable load banks.	1,898.88		95.05
28 21 31 00-0019		Camera Mounting (28 21 31 00-0002)			
28 21 31 00-0020		Camera Wall Mounts (28 21 31 00-0019)			
28 21 31 00-0021	EA	Parapet Camera Wall Mount, 1.5" Diameter Pipe..... Note: Pelco model PP350	952.87		106.85
28 21 31 00-0022	EA	Wall Mount Bracket For Exterior CCTV Without Transformer..... Note: Pelco model IWM-GY.	388.77		106.98
28 21 31 00-0023	EA	Wall Mount Bracket For Exterior CCTV With Transformer..... Note: Pelco model IWM-24GY. Includes integral 24 VAC, 100 VA transformer, gray finish.	699.53		106.98
28 21 31 00-0024	EA	Pole Adapter Wall Mount..... Note: Pelco model PA402.	330.50		106.98
28 21 31 00-0025		Video Monitor (28 21 31 00-0001)			
28 21 31 00-0026	EA	15" Flat Panel TFT LCD High Resolution Video Monitor Note: Pelco model PMCL15A	3,112.37		217.26
28 21 31 00-0027	EA	17" Color Video Monitor..... Note: JVC model number TM-H1700GU.	1,949.34		217.26
28 21 31 00-0028		Closed Circuit Television And Surveillance Systems (Pelco) (28 21 31)			
28 21 31 00-0029		Cameras And Accessories (28 21 31 00-0028)			
28 21 31 00-0030		Cameras (28 21 31 00-0029)			
28 21 31 00-0031		Compact, 1/3" Format Cameras (28 21 31 00-0030)			
28 21 31 00-0032		High Resolution Color, Compact, 1/3" Format Cameras (28 21 31 00-0031)			
28 21 31 00-0033	EA	High Resolution Day/Night, Compact, 1/3" Format Camera (Pelco C10DN-6).....	625.32		27.21
28 21 31 00-0034		Day/Night, Compact, 1/3" Format Cameras (28 21 31 00-0031)			
28 21 31 00-0035	EA	High Resolution Color, Compact, 1/3" Format Camera (Pelco C10CH-6).....	366.38		27.21
28 21 31 00-0036		Camerapaks (28 21 31 00-0029) Note: Includes camera and lens.			
28 21 31 00-0037		Camerapaks (28 21 31 00-0036)			
28 21 31 00-0038		High Resolution Color, Camerapaks (28 21 31 00-0037)			
28 21 31 00-0039		Fixed Focus, High Resolution Color, Camerapaks (28 21 31 00-0038)			
28 21 31 00-0040		Manual Iris, Fixed Focus, High Resolution Color, Camerapaks (28 21 31 00-0039)			
28 21 31 00-0041	EA	2.3 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3).....	478.69		27.21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0042 EA 2.8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8)	449.57	27.21
28 21 31 00-0043 EA 4 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4)	436.05	27.21
28 21 31 00-0044 EA 8 mm, Manual Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8)	432.93	27.21
28 21 31 00-0045 Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapaks <small>(28 21 31 00-0039)</small>		
28 21 31 00-0046 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.3A)	522.37	27.21
28 21 31 00-0047 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F2.8A)	478.69	27.21
28 21 31 00-0048 EA 4 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F4A)	468.29	27.21
28 21 31 00-0049 EA 8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Color, Camerapak (Pelco C10CH-6F8A)	459.97	27.21
28 21 31 00-0050 Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0038)</small>		
28 21 31 00-0051 Manual Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0050)</small>		
28 21 31 00-0052 EA 1-3 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1)	565.00	27.21
28 21 31 00-0053 EA 2.5-6 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2)	508.85	27.21
28 21 31 00-0054 EA 2.8-12 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21)	463.09	27.21
28 21 31 00-0055 EA 3-8 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3)	444.37	27.21
28 21 31 00-0056 EA 5-40 mm, Manual Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5)	514.05	27.21
28 21 31 00-0057 Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0050)</small>		
28 21 31 00-0058 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V1A)	610.76	27.21
28 21 31 00-0059 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V2A)	572.28	27.21
28 21 31 00-0060 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V21A)	506.77	27.21
28 21 31 00-0061 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V3A)	451.65	27.21
28 21 31 00-0062 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V5A)	535.88	27.21
28 21 31 00-0063 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V50A)	606.60	27.21
28 21 31 00-0064 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6V55A)	697.07	27.21
28 21 31 00-0065 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapaks <small>(28 21 31 00-0050)</small>		
28 21 31 00-0066 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R3A)	475.57	27.21
28 21 31 00-0067 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Color, Camerapak (Pelco C10CH-6R75A)	570.20	27.21
28 21 31 00-0068 High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0037)</small>		
28 21 31 00-0069 Varifocal, High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0068)</small>		
28 21 31 00-0070 Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0069)</small>		
28 21 31 00-0071 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V2A)	969.52	27.21
28 21 31 00-0072 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V21A)	904.01	27.21
28 21 31 00-0073 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V3A)	848.89	27.21
28 21 31 00-0074 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V5A)	933.13	27.21
28 21 31 00-0075 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V50A)	1,003.84	27.21
28 21 31 00-0076 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6V55A)	1,093.27	27.21
28 21 31 00-0077 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapaks <small>(28 21 31 00-0069)</small>		
28 21 31 00-0078 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R3A)	872.81	27.21
28 21 31 00-0079 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Camerapak (Pelco C1390H-6R75A)	967.44	27.21
28 21 31 00-0080 Compact Camerapaks <small>(28 21 31 00-0036)</small>		
28 21 31 00-0081 High Resolution Color, Compact Camerapaks <small>(28 21 31 00-0080)</small>		
28 21 31 00-0082 DSS, High Resolution Color, Compact Camerapaks <small>(28 21 31 00-0081)</small>		
28 21 31 00-0083 Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0082)</small>		
28 21 31 00-0084 Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0083)</small>		
28 21 31 00-0085 EA 2.3 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3)	750.10	27.21
28 21 31 00-0086 EA 2.8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8)	720.99	27.21
28 21 31 00-0087 EA 4 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4)	706.43	27.21
28 21 31 00-0088 EA 8 mm, Manual Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8)	703.31	27.21
28 21 31 00-0089 Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapaks <small>(28 21 31 00-0083)</small>		
28 21 31 00-0090 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.3A)	792.74	27.21
28 21 31 00-0091 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F2.8A)	750.10	27.21
28 21 31 00-0092 EA 4 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F4A)	739.70	27.21

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0093 EA 8 mm, Direct Drive Auto Iris, Fixed Focus, DSS, High Resolution Color, Camerapak (Pelco C3751H-2F8A)	731.38	27.21
28 21 31 00-0094 Varifocal, DSS, High Resolution Color, Camerapaks (28 21 31 00-0082)		
28 21 31 00-0095 Manual Iris, Varifocal, DSS, High Resolution Color, Camerapaks (28 21 31 00-0094)		
28 21 31 00-0096 EA 1-3 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1)	836.41	27.21
28 21 31 00-0097 EA 2.5-6 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2)	779.22	27.21
28 21 31 00-0098 EA 2.8-12 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21)	734.50	27.21
28 21 31 00-0099 EA 3-8 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3)	715.79	27.21
28 21 31 00-0100 EA 5-40 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5)	784.42	27.21
28 21 31 00-0101 EA 5-50 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50)	829.14	27.21
28 21 31 00-0102 EA 5.5-82.5 mm, Manual Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55)	935.21	27.21
28 21 31 00-0103 Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks (28 21 31 00-0094)		
28 21 31 00-0104 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V1A)	881.13	27.21
28 21 31 00-0105 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V2A)	843.69	27.21
28 21 31 00-0106 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V21A)	778.18	27.21
28 21 31 00-0107 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V3A)	722.03	27.21
28 21 31 00-0108 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V5A)	807.30	27.21
28 21 31 00-0109 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V50A)	878.01	27.21
28 21 31 00-0110 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2V55A)	967.44	27.21
28 21 31 00-0111 Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapaks (28 21 31 00-0094)		
28 21 31 00-0112 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R3A)	746.98	27.21
28 21 31 00-0113 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, DSS, High Resolution Color, Camerapak (Pelco C3751H-2R75A)	841.61	27.21
28 21 31 00-0114 EDR, High Resolution Color, Compact Camerapaks (28 21 31 00-0081)		
28 21 31 00-0115 Fixed Focus, EDR, High Resolution Color, Camerapaks (28 21 31 00-0114)		
28 21 31 00-0116 Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks (28 21 31 00-0115)		
28 21 31 00-0117 EA 2.3 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3)	750.10	27.21
28 21 31 00-0118 EA 2.8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8)	558.76	27.21
28 21 31 00-0119 EA 4 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4)	544.20	27.21
28 21 31 00-0120 EA 8 mm, Manual Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8)	541.08	27.21
28 21 31 00-0121 Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapaks (28 21 31 00-0115)		
28 21 31 00-0122 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.3A)	630.51	27.21
28 21 31 00-0123 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F2.8A)	587.88	27.21
28 21 31 00-0124 EA 4 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F4A)	577.48	27.21
28 21 31 00-0125 EA 8 mm, Direct Drive Auto Iris, Fixed Focus, EDR, High Resolution Color, Camerapak (Pelco C3701H-2F8A)	577.48	27.21
28 21 31 00-0126 Varifocal, EDR, High Resolution Color, Camerapaks (28 21 31 00-0114)		
28 21 31 00-0127 Manual Iris, Varifocal, EDR, High Resolution Color, Camerapaks (28 21 31 00-0126)		
28 21 31 00-0128 EA 1-3 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1)	674.19	27.21
28 21 31 00-0129 EA 2.5-6 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2)	617.00	27.21
28 21 31 00-0130 EA 2.8-12 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21)	572.28	27.21
28 21 31 00-0131 EA 3-8 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3)	553.56	27.21
28 21 31 00-0132 EA 5-40 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5)	622.20	27.21
28 21 31 00-0133 EA 5-50 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50)	666.91	27.21
28 21 31 00-0134 EA 5.5-82.5 mm, Manual Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55)	772.98	27.21
28 21 31 00-0135 Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks (28 21 31 00-0126)		
28 21 31 00-0136 EA 1-3 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V1A)	718.91	27.21
28 21 31 00-0137 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V2A)	681.47	27.21
28 21 31 00-0138 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V21A)	614.92	27.21
28 21 31 00-0139 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V3A)	559.80	27.21
28 21 31 00-0140 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V5A)	645.07	27.21
28 21 31 00-0141 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V50A)	715.79	27.21
28 21 31 00-0142 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2V55A)	805.22	27.21
28 21 31 00-0143 Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapaks (28 21 31 00-0126)		
28 21 31 00-0144 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R3A)	584.76	27.21
28 21 31 00-0145 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, EDR, High Resolution Color, Camerapak (Pelco C3701H-2R75A)	679.39	27.21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0146 High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0080)		
28 21 31 00-0147 Fixed Focus, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0146)		
28 21 31 00-0148 Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0147)		
28 21 31 00-0149 EA 8 mm, Manual Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F8).....	691.87	27.21
28 21 31 00-0150 DC-Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0147)		
28 21 31 00-0151 EA 2.3 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.3A).....	781.30	27.21
28 21 31 00-0152 EA 2.8 mm, Direct Drive Auto Iris, Fixed Focus, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6F2.8A).....	737.62	27.21
28 21 31 00-0153 Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0146)		
28 21 31 00-0154 Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0153)		
28 21 31 00-0155 EA 2.8-12 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21).....	722.03	27.21
28 21 31 00-0156 EA 3-8 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3).....	703.31	27.21
28 21 31 00-0157 EA 5-50 mm, Manual Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50).....	817.70	27.21
28 21 31 00-0158 Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0153)		
28 21 31 00-0159 EA 2.5-6 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V2A).....	831.22	27.21
28 21 31 00-0160 EA 2.8-12 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V21A).....	765.70	27.21
28 21 31 00-0161 EA 3-8 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V3A).....	710.59	27.21
28 21 31 00-0162 EA 5-40 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V5A).....	794.82	27.21
28 21 31 00-0163 EA 5-50 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V50A).....	865.53	27.21
28 21 31 00-0164 EA 5.5-82.5 mm, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6V55A).....	956.00	27.21
28 21 31 00-0165 Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapaks (28 21 31 00-0153)		
28 21 31 00-0166 EA 3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R3A).....	734.50	27.21
28 21 31 00-0167 EA 7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal, High Resolution Day/Night, Compact Camerapak (Pelco C10DN-6R75A).....	829.14	27.21
28 21 31 00-0168 Camera Systems (28 21 31 00-0029)		
28 21 31 00-0169 Camera Dome Systems (28 21 31 00-0169)		
28 21 31 00-0170 Spectra®, Pan/Tilt Camera Dome Systems (28 21 31 00-0169)		
28 21 31 00-0171 Spectra®, Pan/Tilt Camera Dome Systems (28 21 31 00-0170) Note: Includes dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0172 Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0171)		
28 21 31 00-0173 Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0172)		
28 21 31 00-0174 EA 22X, Surface Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-SMB).....	3,059.34	163.24
28 21 31 00-0175 EA 22X, In-Ceiling Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-F).....	3,485.70	163.24
28 21 31 00-0176 EA 22X, Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PB).....	3,677.04	163.24
28 21 31 00-0177 EA 22X, Environmental Pendant Mount, Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PG-E).....	5,107.94	163.24
28 21 31 00-0178 Color, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0172)		
28 21 31 00-0179 EA 16X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-SMB).....	2,575.78	163.24
28 21 31 00-0180 EA 16X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F).....	2,791.04	163.24
28 21 31 00-0181 EA 16X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PB).....	2,983.42	163.24
28 21 31 00-0182 EA 16X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-F-E).....	3,093.65	163.24
28 21 31 00-0183 EA 16X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PG-E).....	3,093.65	163.24
28 21 31 00-0184 EA 22X, Surface Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-SMB).....	3,242.36	163.24
28 21 31 00-0185 EA 22X, In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F).....	3,669.76	163.24
28 21 31 00-0186 EA 22X, Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PB).....	3,862.14	163.24
28 21 31 00-0187 EA 22X, Environmental In-Ceiling Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-F-E).....	3,972.37	163.24
28 21 31 00-0188 EA 22X, Environmental Pendant Mount, Color, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PG-E).....	3,972.37	163.24
28 21 31 00-0189 Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0172)		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0190 EA 23X, Surface Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-SMB)	3,775.83	163.24
28 21 31 00-0191 EA 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F)	4,203.23	163.24
28 21 31 00-0192 EA 23X, Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PB)	4,395.61	163.24
28 21 31 00-0193 EA 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-F-E)	4,505.84	163.24
28 21 31 00-0194 EA 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PG-E)	4,505.84	163.24
28 21 31 00-0195 Day/Night, Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0172)		
28 21 31 00-0196 EA 18X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-SMB)	3,426.42	163.24
28 21 31 00-0197 EA 18X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F)	3,642.72	163.24
28 21 31 00-0198 EA 18X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PB)	3,834.06	163.24
28 21 31 00-0199 EA 18X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-F-E)	3,944.29	163.24
28 21 31 00-0200 EA 18X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PG-E)	3,944.29	163.24
28 21 31 00-0201 EA 35X, Surface Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-SMB)	4,126.27	163.24
28 21 31 00-0202 EA 35X, In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F)	4,466.32	163.24
28 21 31 00-0203 EA 35X, Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PB)	4,657.66	163.24
28 21 31 00-0204 EA 35X, Environmental In-Ceiling Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-F-E)	4,767.89	163.24
28 21 31 00-0205 EA 35X, Environmental Pendant Mount, Day/Night, Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PG-E)	4,767.89	163.24
28 21 31 00-0206 Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0171)		
28 21 31 00-0207 Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0206)		
28 21 31 00-0208 EA 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HF)	3,352.59	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0209 EA 16X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HP)	3,537.69	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0210 EA 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-HPE)	3,685.36	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0211 EA 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HF)	4,166.83	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0212 EA 22X, Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HP)	4,351.93	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0213 EA 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-HPE)	4,500.64	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0214 Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0206)		
28 21 31 00-0215 EA 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HF)	4,203.23	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0216 EA 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HP)	4,388.33	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0217 EA 18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-HPE)	4,537.04	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0218 EA 35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HF)	4,963.39	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0219 EA 35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HP)	5,147.46	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0220 EA 35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-HPE)	5,296.16	163.24
For Protective Lower Dome Cage, Add	34.65	
28 21 31 00-0221 Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0171)		
28 21 31 00-0222 Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0221)		
28 21 31 00-0223 EA 18X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PRE)	5,568.62	163.24
28 21 31 00-0224 EA 35X, Environmental Pendant Mount, Day/Night, Pressurized Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PRE)	6,328.78	163.24
28 21 31 00-0225 Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0171)		
28 21 31 00-0226 Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0225)		
28 21 31 00-0227 EA 22X, Environmental Pendant Mount, Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4M22-PSGE)	4,838.61	163.24
28 21 31 00-0228 Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems (28 21 31 00-0225)		
28 21 31 00-0229 EA 16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4TC-PSGE)	4,208.43	163.24
28 21 31 00-0230 EA 22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4C22-PSGE)	5,023.71	163.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0231 Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0225)</small>		
28 21 31 00-0232 EA 23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD4CBW-PSGE).....	5,557.18	163.24
28 21 31 00-0233 Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0225)</small>		
28 21 31 00-0234 EA 18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD418-PSGE).....	5,060.10	163.24
28 21 31 00-0235 EA 35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV, Pan/Tilt Camera Dome System (Pelco SD435-PSGE).....	5,819.23	163.24
28 21 31 00-0236 Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0171)</small>		
28 21 31 00-0237 Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0236)</small>		
28 21 31 00-0238 EA 10X, In-Ceiling Mount, Color, Miniature Spectra®, Mini Pan/Tilt Camera Dome System (Pelco SD4-B)	1,924.81	163.24
28 21 31 00-0239 Spectra® IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0170)</small>		
Note: Includes simultaneous IP and analog video and control, dome drive, camera, lens, back box, clear or smoked lower dome and mounting hardware.		
28 21 31 00-0240 Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0239)</small>		
28 21 31 00-0241 Color, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0240)</small>		
28 21 31 00-0242 EA 16X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F).....	3,567.85	163.24
28 21 31 00-0243 EA 16X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PB).....	3,760.23	163.24
28 21 31 00-0244 EA 16X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-F-E).....	3,870.46	163.24
28 21 31 00-0245 EA 16X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NTC-PG-E).....	3,870.46	163.24
28 21 31 00-0246 EA 22X, In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F1).....	4,446.56	163.24
28 21 31 00-0247 EA 22X, Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PB-1).....	4,638.95	163.24
28 21 31 00-0248 EA 22X, Environmental In-Ceiling Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-F-E1).....	4,749.17	163.24
28 21 31 00-0249 EA 22X, Environmental Pendant Mount, Color, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NC22-PG-E1).....	4,749.17	163.24
28 21 31 00-0250 Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0240)</small>		
28 21 31 00-0251 EA 23X, In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F1).....	4,980.03	163.24
28 21 31 00-0252 EA 23X, Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PB-1).....	5,172.41	163.24
28 21 31 00-0253 EA 23X, Environmental In-Ceiling Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-F-E1).....	5,282.64	163.24
28 21 31 00-0254 EA 23X, Environmental Pendant Mount, Color/Black And White, Spectra® IV IP Network, Pan/Tilt Camera Dome System (Pelco SD4NCBW-PG-E1).....	5,282.64	163.24
28 21 31 00-0255 Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0239)</small>		
28 21 31 00-0256 Color, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0255)</small>		
28 21 31 00-0257 EA 16X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HF1).....	4,129.39	163.24
<i>For Protective Lower Dome Cage, Add</i>		
28 21 31 00-0258 EA 16X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HP1).....	4,314.50	163.24
<i>For Protective Lower Dome Cage, Add</i>		
28 21 31 00-0259 EA 16X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NTC-HPE1).....	4,462.16	163.24
<i>For Protective Lower Dome Cage, Add</i>		
28 21 31 00-0260 EA 22X, In-Ceiling Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HF1).....	4,943.64	163.24
<i>For Protective Lower Dome Cage, Add</i>		
28 21 31 00-0261 EA 22X, Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HP1).....	5,128.74	163.24
<i>For Protective Lower Dome Cage, Add</i>		
28 21 31 00-0262 EA 22X, Environmental Pendant Mount, Color, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-HPE1).....	5,277.44	163.24
<i>For Protective Lower Dome Cage, Add</i>		
28 21 31 00-0263 Day/Night, Heavy Duty Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0255)</small>		
28 21 31 00-0264 EA 18X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HF1).....	4,980.03	163.24
<i>For Protective Lower Dome Cage, Add</i>		
28 21 31 00-0265 EA 18X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HP1).....	5,165.13	163.24
<i>For Protective Lower Dome Cage, Add</i>		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0266	EA		18X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-HPE1).....	5,313.84	163.24
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0267	EA		35X, In-Ceiling Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HF1).....	5,740.20	163.24
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0268	EA		35X, Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HP1).....	5,924.26	163.24
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0269	EA		35X, Environmental Pendant Mount, Day/Night, Heavy Duty Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-HPE1).....	6,072.97	163.24
			<i>For Protective Lower Dome Cage, Add</i>	34.65	
28 21 31 00-0270			Stainless Steel Spectra® IV IP Network, Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0239)</small>		
28 21 31 00-0271			Color, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0270)</small>		
28 21 31 00-0272	EA		16X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1).....	4,985.23	163.24
28 21 31 00-0273	EA		22X, Environmental Pendant Mount, Color, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4NC22-PSGE1).....	5,800.51	163.24
28 21 31 00-0274			Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0270)</small>		
28 21 31 00-0275	EA		23X, Environmental Pendant Mount, Color/Black And White, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	6,333.98	163.24
28 21 31 00-0276			Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome Systems <small>(28 21 31 00-0270)</small>		
28 21 31 00-0277	EA		18X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N18-PSGE1).....	5,836.91	163.24
28 21 31 00-0278	EA		35X, Environmental Pendant Mount, Day/Night, Stainless Steel Spectra® IV IP Network, Camera Dome System (Pelco SD4N35-PSGE1).....	6,596.04	163.24
28 21 31 00-0279			Miniature Spectra® IP Network, Mini Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0239)</small>		
28 21 31 00-0280			Color, Miniature Spectra® IP Network, Mini Camera Dome Systems <small>(28 21 31 00-0279)</small>		
28 21 31 00-0281	EA		10X, In-Ceiling Mount, Color, Miniature Spectra® IP Network, Black Mini Camera Dome System (Pelco SD4N-W1).....	2,426.04	163.24
28 21 31 00-0282			Spectra®, Pan/Tilt Dome Drives <small>(28 21 31 00-0170)</small>		
			Note: Includes dome drive, camera and lens.		
28 21 31 00-0283	EA		10X, Color Camera, Spectra® Mini Dome Drive (Pelco DD4).....	1,792.39	136.03
28 21 31 00-0284	EA		10X, Color Camera, Spectra® IP Network, Mini Dome Drive (Pelco DD4N).....	2,291.55	136.03
28 21 31 00-0285	EA		22X, Black And White Camera, Spectra® IV Dome Drive (Pelco DD4M22).....	2,908.21	136.03
28 21 31 00-0286	EA		16X, Color Camera, Spectra® IV Dome Drive (Pelco DD4TC16).....	2,278.03	136.03
28 21 31 00-0287	EA		22X, Color Camera, Spectra® IV Dome Drive (Pelco DD4C22).....	3,092.27	136.03
28 21 31 00-0288	EA		18X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW18).....	3,128.67	136.03
28 21 31 00-0289	EA		23X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW23).....	3,625.74	136.03
28 21 31 00-0290	EA		35X, Day/Night Camera, Spectra® IV Dome Drive (Pelco DD4CBW35).....	3,888.83	136.03
28 21 31 00-0291	EA		35X, Color/Black And White Camera, Spectra® IV Horizon Dome Drive (Pelco DD4H35).....	3,888.83	136.03
28 21 31 00-0292			Accessories For Spectra® Pan/Tilt Camera Dome Systems <small>(28 21 31 00-0170)</small>		
28 21 31 00-0293	EA		Upgrade To Chrome Lower Dome (Pelco Spectra).....	146.63	
28 21 31 00-0294	EA		Upgrade To Gold Lower Dome (Pelco Spectra).....	191.34	
28 21 31 00-0295	EA		Wall Mount For Spectra® Systems (Pelco IWM-BK).....	156.16	13.61
28 21 31 00-0296	EA		24 Volt Out, Wall Mount For Spectra® Systems (Pelco IWM24-BK).....	398.45	13.61
28 21 31 00-0297	EA		Wall Arm Mount For Spectra® Systems (Pelco IDM4018).....	152.00	13.61
28 21 31 00-0298	EA		Wall Arm Mount With Feed Through For Stainless Steel Spectra® IV Systems (Pelco IDM4012SS).....	301.49	13.61
28 21 31 00-0299	EA		Pole Mount Adapter For Spectra® Systems (Pelco PA402).....	77.68	8.09
28 21 31 00-0300			Camclosure®, Camera Dome Systems <small>(28 21 31 00-0169)</small>		
28 21 31 00-0301			Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0300)</small>		
28 21 31 00-0302			Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0301)</small>		
28 21 31 00-0303			High Resolution Color, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0302)</small>		
28 21 31 00-0304	EA		12 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CH12).....	695.64	163.24
28 21 31 00-0305	EA		9-22 mm, Indoor Surface/In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-CHV22).....	758.04	163.24
28 21 31 00-0306	EA		12 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS110-CH12).....	846.43	163.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0307 EA 12 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS150-CH12).....	846.43	163.24
28 21 31 00-0308 Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0302)</small>		
28 21 31 00-0309 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS90B-CWV22).....	857.87	163.24
28 21 31 00-0310 EA 9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-CWV22).....	938.98	163.24
28 21 31 00-0311 EA 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-CWV22).....	938.98	163.24
28 21 31 00-0312 Day/Night, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0302)</small>		
28 21 31 00-0313 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, White Camera Dome System (Pelco IS90-DNV22).....	988.90	163.24
28 21 31 00-0314 EA 9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS111-DNV22).....	1,189.60	163.24
28 21 31 00-0315 EA 9-22 mm, Environmental In-Ceiling Mount, Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DNV22).....	1,189.60	163.24
28 21 31 00-0316 Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome Systems <small>(28 21 31 00-0302)</small>		
28 21 31 00-0317 EA 9-22 mm, Indoor Surface/In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS90-DWV22).....	1,084.57	163.24
28 21 31 00-0318 EA 9-22 mm, Environmental In-Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Camera Dome System (Pelco IS151-DWV22).....	1,213.51	163.24
28 21 31 00-0319 Camclosure® IS Integrated, Bullet Style Camera Systems <small>(28 21 31 00-0301)</small>		
28 21 31 00-0320 High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera Systems <small>(28 21 31 00-0319)</small>		
28 21 31 00-0321 EA 3.6 mm, Wall/Ceiling Mount, High Resolution Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CH3.6).....	783.36	108.83
28 21 31 00-0322 Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera Systems <small>(28 21 31 00-0319)</small>		
28 21 31 00-0323 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Color, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-CWV22).....	900.86	108.83
28 21 31 00-0324 Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems <small>(28 21 31 00-0319)</small>		
28 21 31 00-0325 EA 9-22 mm, Wall/Ceiling Mount, Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DNV22).....	994.46	108.83
28 21 31 00-0326 Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera Systems <small>(28 21 31 00-0319)</small>		
28 21 31 00-0327 EA 9-22 mm, Wall/Ceiling Mount, Wide Dynamic Range Day/Night, Camclosure® IS Integrated, Bullet Style Camera System (Pelco IS310-DWV22).....	1,041.25	108.83
28 21 31 00-0328 Camclosure® IS Integrated Cameras <small>(28 21 31 00-0301)</small>		
28 21 31 00-0329 EA 12 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CH12).....	544.18	108.83
28 21 31 00-0330 EA 9-22 mm, High Resolution Color, Camclosure® IS Integrated Camera (Pelco IS-CHV22).....	544.18	108.83
28 21 31 00-0331 EA 9-22 mm, Wide Dynamic Range Color, Camclosure® IS Integrated Camera (Pelco IS-CWV22).....	636.73	108.83
28 21 31 00-0332 EA 9-22 mm, Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DNV22).....	887.35	108.83
28 21 31 00-0333 EA 9-22 mm, Wide Dynamic Range Day/Night, Camclosure® IS Integrated Camera (Pelco IS-DWV22).....	911.26	108.83
28 21 31 00-0334 Camclosure® ICS Integrated, Camera Dome Systems <small>(28 21 31 00-0300)</small>		
28 21 31 00-0335 Camclosure® ICS Integrated, Camera Dome Systems <small>(28 21 31 00-0334)</small>		
28 21 31 00-0336 Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems <small>(28 21 31 00-0335)</small>		
28 21 31 00-0337 EA 12 mm, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12).....	592.69	163.24
28 21 31 00-0338 EA 12 mm, UTP, Indoor Surface/In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS090B-CA12T).....	637.41	163.24
28 21 31 00-0339 EA 12 mm, Environmental Surface Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS110-CA12).....	816.27	163.24
28 21 31 00-0340 EA 12 mm, Environmental In-Ceiling Mount, Standard Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS150-CA12).....	816.27	163.24

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
28 21 31 00-0341		High Resolution Color, Camclosure® ICS Integrated, Camera Dome Systems <small>(28 21 31 00-0335)</small>			
28 21 31 00-0342	EA	3-9 mm, Environmental In-Ceiling Mount, High Resolution Color, Camclosure® ICS Integrated, Camera Dome System (Pelco ICS151-CDV39A)	1,016.97		163.24
28 21 31 00-0343		Camclosure® ICS Integrated, Bullet Style Camera Systems <small>(28 21 31 00-0334)</small>			
28 21 31 00-0344		Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera Systems <small>(28 21 31 00-0343)</small>			
28 21 31 00-0345	EA	12 mm, Wall/Ceiling Mount, Standard Resolution, Camclosure® ICS Integrated, Bullet Style Camera System (Pelco ICS310-CA12)	707.44		108.83
28 21 31 00-0346		Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 21 31 00-0334)</small>			
28 21 31 00-0347		High Resolution Color, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 21 31 00-0346)</small>			
28 21 31 00-0348	EA	9-22 mm, High Resolution, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CHV22)	938.98		163.24
28 21 31 00-0349		Wide Dynamic Range Color, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 21 31 00-0346)</small>			
28 21 31 00-0350	EA	9-22 mm, Wide Dynamic Range, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-CWV22)	1,032.57		163.24
28 21 31 00-0351		Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 21 31 00-0346)</small>			
28 21 31 00-0352	EA	9-22 mm, Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DNV22)	1,150.08		163.24
28 21 31 00-0353		Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera Systems <small>(28 21 31 00-0346)</small>			
28 21 31 00-0354	EA	9-22 mm, Wide Dynamic Range Day/Night, Camclosure® ICS Integrated, Wedge Style Camera System (Pelco IS210-DWV22)	1,196.88		163.24
28 21 31 00-0355		Camclosure® IP Network, Camera Dome Systems <small>(28 21 31 00-0300)</small>			
28 21 31 00-0356		Camclosure® IP Network, Camera Dome Systems <small>(28 21 31 00-0355)</small>			
28 21 31 00-0357		High Resolution Color, Camclosure® IP Network, Camera Dome Systems <small>(28 21 31 00-0356)</small>			
28 21 31 00-0358	EA	3-9.5 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV9)	1,712.67		163.24
28 21 31 00-0359	EA	9-22 mm, Environmental Surface Mount, High Resolution Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CHV22)	1,712.67		163.24
28 21 31 00-0360		Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome Systems <small>(28 21 31 00-0356)</small>			
28 21 31 00-0361	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV9)	1,841.61		163.24
28 21 31 00-0362	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Color, Camclosure® IP Network, Camera Dome System (Pelco IP111-CWV22)	1,841.61		163.24
28 21 31 00-0363		Day/Night, Camclosure® IP Network, Camera Dome Systems <small>(28 21 31 00-0356)</small>			
28 21 31 00-0364	EA	3-9.5 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV9)	2,040.24		163.24
28 21 31 00-0365	EA	9-22 mm, Environmental Surface Mount, Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP111-DNV22)	2,040.24		163.24
28 21 31 00-0366		Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome Systems <small>(28 21 31 00-0356)</small>			
28 21 31 00-0367	EA	3-9.5 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV9)	2,180.62		163.24
28 21 31 00-0368	EA	9-22 mm, Environmental Surface Mount, Wide Dynamic Range Day/Night, Camclosure® IP Network, Camera Dome System (Pelco IP110-DWV22)	2,180.62		163.24
28 21 31 00-0369		Accessories For Camclosure® Camera Dome Systems <small>(28 21 31 00-0300)</small>			
28 21 31 00-0370	EA	4S Gangbox Adapter Plate For ICS110 Camclosure® Systems (Pelco ICS110-AP)	35.04		8.16
28 21 31 00-0371	EA	4S Adapter Plate For ICS310 Camclosure® Systems (Pelco ICS310-AP)	35.04		8.16
28 21 31 00-0372	EA	Sun Shield For ICS310 Camclosure® Systems (Pelco ICS310-SS)	45.93		13.61
28 21 31 00-0373	EA	Conduit Adapter For ICS310 Camclosure® Systems (Pelco ICS310-COND)	75.05		13.61
28 21 31 00-0374	EA	2' x 2' Ceiling Panel For ICS150 Camclosure® Systems (Pelco ICS150-P)	78.71		8.16
28 21 31 00-0375	EA	Pendant Mount Adapter For Camclosure® ICS110 Systems (Pelco ICS110-PG)	75.05		13.61
28 21 31 00-0376	EA	Corner Mount Adapter For ICS200 Camclosure® Systems (Pelco ICS210-CM)	95.84		13.61

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0377 EA Smoked, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO110A).....	258.23	27.21
28 21 31 00-0378 EA Clear, Surface Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO111A).....	258.23	27.21
28 21 31 00-0379 EA Smoked, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO150A).....	258.23	27.21
28 21 31 00-0380 EA Clear, In-Ceiling Mount, Dome For Camclosure® ICS Systems (Pelco ICS-DO151A).....	258.23	27.21
28 21 31 00-0381 EA Pendant Mount Adapter For Camclosure® IP Systems (Pelco IP110-P).....	90.64	13.61
28 21 31 00-0382 EA Smoked Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP110-LD).....	101.21	27.21
28 21 31 00-0383 EA Clear Lower Dome For Surface Mount Camclosure® IP Systems (Pelco IP111-LD).....	101.21	27.21
28 21 31 00-0384 EA Smoked Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS110-LD).....	101.21	27.21
28 21 31 00-0385 EA Clear Lower Dome For Surface Mount Camclosure® IS Systems (Pelco IS111-LD).....	101.21	27.21
28 21 31 00-0386 EA Smoked Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS150-LD).....	101.21	27.21
28 21 31 00-0387 EA Clear Lower Dome For Ceiling Mount Camclosure® IS Systems (Pelco IS151-LD).....	101.21	27.21
28 21 31 00-0388 EA Ceiling Mount Enclosure Only, Environmental, Camclosure® IS Systems (Pelco IS150-ENC).....	295.27	37.16
28 21 31 00-0389 EA Black Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90B-P).....	63.61	13.61
28 21 31 00-0390 EA Black Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90B-PW).....	110.40	13.61
28 21 31 00-0391 EA White Pendant Mount For Indoor Camclosure® IS Systems (Pelco IS90-P).....	63.61	13.61
28 21 31 00-0392 EA White Pendant Wall Mount For Indoor Camclosure® IS Systems (Pelco IS90-PW).....	110.40	13.61
28 21 31 00-0393 EA Surface Mount Enclosure Only, Environmental, IP Camclosure® (Pelco IP110-ENC).....	1,595.16	163.24
28 21 31 00-0394 Pan/Tilt Camera Systems (28 21 31 00-0168)		
28 21 31 00-0395 Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0394)		
Note: Includes powder coated aluminum pan/tilt enclosure, receiver, camera, lens, built in heater, window defroster/defogger, sun shroud, insulation blanket, 24V power supply and mounting hardware.		
28 21 31 00-0396 EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0395)		
28 21 31 00-0397 Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0396)		
28 21 31 00-0398 EA 10X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10N).....	4,558.85	244.86
28 21 31 00-0399 EA 20X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20N).....	5,183.83	244.86
28 21 31 00-0400 EA 30X, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30N).....	6,050.07	244.86
28 21 31 00-0401 EA 10X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PN).....	4,693.00	244.86
28 21 31 00-0402 EA 20X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PN).....	5,346.05	244.86
28 21 31 00-0403 EA 30X, Preset Positioning, Pedestal Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PN).....	6,212.29	244.86
28 21 31 00-0404 Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera Systems (28 21 31 00-0396)		
28 21 31 00-0405 EA 10X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10W).....	4,601.48	244.86
28 21 31 00-0406 EA 20X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20W).....	5,226.46	244.86
28 21 31 00-0407 EA 30X, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30W).....	6,092.70	244.86
28 21 31 00-0408 EA 10X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ10PW).....	4,736.67	244.86
28 21 31 00-0409 EA 20X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ20PW).....	5,388.69	244.86
28 21 31 00-0410 EA 30X, Preset Positioning, Wall Mount, EDR, High Resolution Color, Esprit® CBZ, Pan/Tilt Camera System (Pelco ES3012-2CBZ30PW).....	6,254.93	244.86
28 21 31 00-0411 Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0412 DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0411)		
28 21 31 00-0413 Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0412)		
28 21 31 00-0414 EA 10X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10N).....	4,721.07	244.86
28 21 31 00-0415 EA 20X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20N).....	5,346.05	244.86
28 21 31 00-0416 EA 30X, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30N).....	6,212.29	244.86
28 21 31 00-0417 EA 10X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PN).....	4,855.22	244.86
28 21 31 00-0418 EA 20X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PN).....	5,508.28	244.86
28 21 31 00-0419 EA 30X, Preset Positioning, Pedestal Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PN).....	6,374.51	244.86
28 21 31 00-0420 Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera Systems (28 21 31 00-0412)		
28 21 31 00-0421 EA 10X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10W).....	4,763.71	244.86
28 21 31 00-0422 EA 20X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20W).....	5,388.69	244.86
28 21 31 00-0423 EA 30X, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30W).....	6,254.93	244.86
28 21 31 00-0424 EA 10X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ10PW).....	4,898.90	244.86

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0425 EA 20X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ20PW).....	5,550.91	244.86
28 21 31 00-0426 EA 30X, Preset Positioning, Wall Mount, DSS, High Resolution Color, Esprit® CLZ, Pan/Tilt Camera System (Pelco ES3012-2CLZ30PW).....	6,417.15	244.86
28 21 31 00-0427 Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0428 High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0427)		
28 21 31 00-0429 Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0428)		
28 21 31 00-0430 EA 6 x 10, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10N)	4,449.66	244.86
28 21 31 00-0431 EA 5.6 x 20, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20N)	5,074.64	244.86
28 21 31 00-0432 EA 5.5 x 30, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30N)	5,940.88	244.86
28 21 31 00-0433 EA 6 x 10, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10PN)	4,584.85	244.86
28 21 31 00-0434 EA 5.6 x 20, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PN)	5,236.86	244.86
28 21 31 00-0435 EA 5.5 x 30, Preset Positioning, Pedestal Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PN)	6,103.10	244.86
28 21 31 00-0436 Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera Systems (28 21 31 00-0428)		
28 21 31 00-0437 EA 6 x 10, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,493.34	244.86
28 21 31 00-0438 EA 5.6 x 20, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20W)	5,117.28	244.86
28 21 31 00-0439 EA 5.5 x 30, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30W)	5,984.55	244.86
28 21 31 00-0440 EA 6 x 8, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ8PW)	4,523.49	244.86
28 21 31 00-0441 EA 6 x 10, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ10W)	4,627.48	244.86
28 21 31 00-0442 EA 5.6 x 20, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ20PW)	5,279.50	244.86
28 21 31 00-0443 EA 5.5 x 30, Preset Positioning, Wall Mount, High Resolution Color, Esprit® AJZ, Pan/Tilt Camera System (Pelco ES3012-2AJZ30PW)	6,146.78	244.86
28 21 31 00-0444 Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0445 Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0444)		
28 21 31 00-0446 Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0445)		
28 21 31 00-0447 EA 5.6 x 20, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20N)	5,333.57	244.86
28 21 31 00-0448 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30N)	6,199.81	244.86
28 21 31 00-0449 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PN)	4,843.78	244.86
28 21 31 00-0450 EA 5.6 x 20, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PN)	5,495.80	244.86
28 21 31 00-0451 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PN)	6,362.04	244.86
28 21 31 00-0452 Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera Systems (28 21 31 00-0445)		
28 21 31 00-0453 EA 6 x 10, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10W)	4,752.27	244.86
28 21 31 00-0454 EA 5.6 x 20, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20W)	5,376.21	244.86
28 21 31 00-0455 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30W)	6,243.49	244.86
28 21 31 00-0456 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ10PW)	4,886.42	244.86
28 21 31 00-0457 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ20PW)	5,538.43	244.86
28 21 31 00-0458 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® AMZ, Pan/Tilt Camera System (Pelco ES3012-2AMZ30PW)	6,405.71	244.86
28 21 31 00-0459 Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0460 Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0459)		
28 21 31 00-0461 Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0460)		
28 21 31 00-0462 EA 5.5 x 30, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30N)	6,338.12	244.86
28 21 31 00-0463 EA 6 x 10, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PN)	4,981.05	244.86
28 21 31 00-0464 EA 5.5 x 30, Preset Positioning, Pedestal Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PN)	6,500.34	244.86
28 21 31 00-0465 Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera Systems (28 21 31 00-0460)		
28 21 31 00-0466 EA 6 x 10, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10W)	4,889.54	244.86
28 21 31 00-0467 EA 5.5 x 30, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30W)	6,381.79	244.86
28 21 31 00-0468 EA 6 x 10, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ10PW)	5,024.72	244.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0469 EA 5.6 x 20, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ20PW).....	5,676.74	244.86
28 21 31 00-0470 EA 5.5 x 30, Preset Positioning, Wall Mount, Day/Night, Esprit® KWZ, Pan/Tilt Camera System (Pelco ES3012-2KWZ30PW).....	6,544.02	244.86
28 21 31 00-0471 Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0472 Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0471)		
28 21 31 00-0473 Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0472)		
28 21 31 00-0474 EA 16X, Pedestal Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2N).....	5,325.26	244.86
28 21 31 00-0475 Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0472)		
28 21 31 00-0476 EA 16X, Wall Mount, Standard Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC16-2W).....	5,367.89	244.86
28 21 31 00-0477 High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0471)		
28 21 31 00-0478 Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0477)		
28 21 31 00-0479 EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2N).....	6,338.12	244.86
28 21 31 00-0480 EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2N).....	6,125.98	244.86
28 21 31 00-0481 EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2N).....	6,973.50	244.86
28 21 31 00-0482 Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera Systems (28 21 31 00-0477)		
28 21 31 00-0483 EA 22X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PC22-2W).....	6,379.71	244.86
28 21 31 00-0484 EA 24X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW24-2W).....	6,125.98	244.86
28 21 31 00-0485 EA 35X, Wall Mount, High Resolution Color, Esprit® IOC, Pan/Tilt Camera System (Pelco ES30PCBW35-2W).....	7,020.29	244.86
28 21 31 00-0486 Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0487 High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0486)		
28 21 31 00-0488 Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0487)		
28 21 31 00-0489 EA 16X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2N).....	4,078.41	244.86
28 21 31 00-0490 EA 22X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2N).....	5,092.32	244.86
28 21 31 00-0491 EA 24X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2N).....	4,883.30	244.86
28 21 31 00-0492 EA 35X, Pedestal Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2N).....	5,543.63	244.86
28 21 31 00-0493 Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera Systems (28 21 31 00-0487)		
28 21 31 00-0494 EA 16X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C16-2W).....	4,120.01	244.86
28 21 31 00-0495 EA 22X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30C22-2W).....	5,134.95	244.86
28 21 31 00-0496 EA 24X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW24-2W).....	4,925.93	244.86
28 21 31 00-0497 EA 35X, Wall Mount, High Resolution Color, Esprit® IOP, Pan/Tilt Camera System (Pelco ES30CBW35-2W).....	5,590.43	244.86
28 21 31 00-0498 Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0499 Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0498)		
28 21 31 00-0500 Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0499)		
28 21 31 00-0501 EA 14.25 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2N).....	26,598.49	244.86
28 21 31 00-0502 EA 35 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2N).....	28,608.62	244.86
28 21 31 00-0503 EA 50 mm, Pedestal Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2N).....	29,283.51	244.86
28 21 31 00-0504 Wall Mount, Esprit® Thermal, Pan/Tilt Camera Systems (28 21 31 00-0499)		
28 21 31 00-0505 EA 14.25 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3014TI-2W).....	26,642.17	244.86
28 21 31 00-0506 EA 35 mm, 30 Hertz, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3035TI-2W).....	28,651.25	244.86
28 21 31 00-0507 EA 50 mm, Wall Mount, Esprit® Thermal, Pan/Tilt Camera System (Pelco ES3050TI-2W).....	29,326.15	244.86
28 21 31 00-0508 Accessories For Esprit® Pan/Tilt Camera Systems (28 21 31 00-0394)		
28 21 31 00-0509 EA Wiper Blade Replacement For Esprit® Systems (Pelco ES-REPLBLADE).....	10.95	2.72
28 21 31 00-0510 EA Marine Mounting Kit For Esprit® Systems (Pelco ES-MKIT).....	63.61	13.61
28 21 31 00-0511 EA Indoor/Outdoor Wall Mount For Esprit® Systems (Pelco EWM).....	101.04	13.61
28 21 31 00-0512 EA Wall Mount For High Security Enclosures (Pelco HSWM12).....	129.12	13.61
28 21 31 00-0513 EA Ground Isolation Transformer (Pelco GIT100).....	368.06	37.16
28 21 31 00-0514 EA High Security, Indoor Wedge Style Enclosure (Pelco HS2100).....	565.08	37.16
28 21 31 00-0515 EA High Security, Indoor 10" Length Enclosure (Pelco HS3000).....	443.97	37.16
28 21 31 00-0516 EA High Security, Indoor Medium Corner Mount Enclosure (Pelco HS1500).....	660.41	37.16
28 21 31 00-0517 EA High Security, Ceiling Mount, Lexan Window, Aluminum Enclosure (Pelco HS8080).....	339.98	37.16

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 21 31 00-0518	EA	High Security, Ceiling Mount, Lexan Window, Steel Enclosure (Pelco HS8134).....		958.10	37.16
28 21 31 00-0519	EA	Bullet-Resistant, Outdoor Enclosure (Pelco HS4514).....		1,422.52	37.16
28 21 31 00-0520	EA	Bullet-Resistant, Outdoor Enclosure With Mount (Pelco HS4514/MT).....		1,693.93	37.16
28 21 31 00-0521	EA	24X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW24).....		1,755.29	37.16
28 21 31 00-0522	EA	35X, Color/Black And White, Esprit® Camera Module (Pelco ESIOPCBW35).....		1,852.00	37.16
28 21 31 00-0523	EA	24 Volt AC, Esprit® Pan Tilt Enclosure Receiver (Pelco ES3012-2).....		2,490.06	37.17
28 21 31 00-0524	EA	24 Volt AC, Pedestal Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2N).....		2,519.92	37.16
28 21 31 00-0525	EA	24 Volt AC, Wall Mount, Esprit® Pan/Tilt Enclosure Receiver (Pelco ES3012-2W).....		2,548.59	37.16
28 21 31 00-0526	EA	30X, 24 Volt AC, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30).....		5,840.01	37.16
28 21 31 00-0527	EA	30X, 24 Volt AC, Preset Positioning, DSS, Color High Resolution, Esprit® CLZ Pan/Tilt Camera System (Pelco ES3012-2CLZ30P).....		6,002.24	37.16
28 21 31 00-0528	EA	Esprit® Camera Pole Mount Adapter (Pelco EPM).....		109.43	8.75
28 21 31 00-0529	EA	Pole Mount Adapter For Esprit® Systems (Pelco EPM).....		109.43	8.75
28 21 31 00-0530		Camera Lenses (28 21 31 00-0029)			
28 21 31 00-0531		Fixed Focus Camera Lenses (28 21 31 00-0530) Note: 1/3" format and manual focus.			
28 21 31 00-0532		Manual Iris, Fixed Focus Camera Lenses (28 21 31 00-0531)			
28 21 31 00-0533	EA	2.3 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.3).....		163.39	12.76
28 21 31 00-0534	EA	2.8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA2.8).....		134.27	12.76
28 21 31 00-0535	EA	4 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA4).....		119.71	12.76
28 21 31 00-0536	EA	8 mm, Manual Iris, Fixed Focus Camera Lens (Pelco 13FA8).....		116.59	12.76
28 21 31 00-0537		Direct Drive Auto Iris, Fixed Focus Camera Lenses (28 21 31 00-0531) Note: Includes spot filter. Excludes amplifier.			
28 21 31 00-0538	EA	2.3 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.3).....		206.03	12.76
28 21 31 00-0539	EA	2.8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD2.8).....		163.39	12.76
28 21 31 00-0540	EA	4 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD4).....		152.99	12.76
28 21 31 00-0541	EA	8 mm, Direct Drive Auto Iris, Fixed Focus Camera Lens (Pelco 13FD8).....		107.23	12.76
28 21 31 00-0542		Video Drive Auto Iris, Fixed Focus Camera Lenses (28 21 31 00-0531) Note: Includes LDC100 adapter to convert DC auto iris to video drive.			
28 21 31 00-0543	EA	2.3 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.3S).....		244.50	12.76
28 21 31 00-0544	EA	2.8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV2.8S).....		200.83	12.76
28 21 31 00-0545	EA	4 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV4S).....		190.43	12.76
28 21 31 00-0546	EA	8 mm, Video Drive Auto Iris, Fixed Focus Camera Lenses (Pelco 13FV8S).....		182.11	12.76
28 21 31 00-0547		Varifocal Camera Lenses (28 21 31 00-0530) Note: 1/3" format and manual focus and zoom.			
28 21 31 00-0548		Manual Iris, Varifocal Camera Lenses (28 21 31 00-0547)			
28 21 31 00-0549	EA	1.6-3.4 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA1-3).....		238.39	12.76
28 21 31 00-0550	EA	2.5-6 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.5-6).....		192.51	12.76
28 21 31 00-0551	EA	2.8-12 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA2.8-12).....		147.79	12.76
28 21 31 00-0552	EA	3-8 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA3-8).....		129.07	12.76
28 21 31 00-0553	EA	5.5-82.5 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5.5-82.5).....		348.49	12.76
28 21 31 00-0554	EA	5-40 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-40).....		183.20	12.76
28 21 31 00-0555	EA	5-50 mm, Manual Iris, Varifocal Camera Lens (Pelco 13VA5-50).....		195.75	12.76
28 21 31 00-0556		Direct Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0547) Note: Includes spot filter.			
28 21 31 00-0557	EA	1.6-3.4 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD1-3).....		234.21	12.76
28 21 31 00-0558	EA	2.5-6 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.5-6).....		205.78	12.76
28 21 31 00-0559	EA	2.8-12 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD2.8-12).....		155.61	12.76
28 21 31 00-0560	EA	3-8 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD3-8).....		113.80	12.76
28 21 31 00-0561	EA	5.5-82.5 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5.5-82.5).....		380.73	12.76
28 21 31 00-0562	EA	5-50 mm, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VD5-50).....		231.70	12.76
28 21 31 00-0563		Video Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0547) Note: Includes spot filter.			
28 21 31 00-0564	EA	1.6-3.4 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV1-3S).....		332.89	12.76
28 21 31 00-0565	EA	2.5-6 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV2.5-6S).....		294.42	12.76
28 21 31 00-0566	EA	3-8 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV3-8S).....		173.79	12.76
28 21 31 00-0567	EA	5-50 mm, Video Drive Auto Iris, Varifocal Camera Lens (Pelco 13VV5-50S).....		328.73	12.76
28 21 31 00-0568		Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lenses (28 21 31 00-0547)			
28 21 31 00-0569	EA	3-8.5 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR3-8.5).....		133.03	12.76
28 21 31 00-0570	EA	7.5-50 mm, Infrared Corrected, Direct Drive Auto Iris, Varifocal Camera Lens (Pelco 13VDIR7.5-50).....		204.11	12.76
28 21 31 00-0571		Motorized Zoom Camera Lenses (28 21 31 00-0530) Note: 1/3" format.			
28 21 31 00-0572		Manual Iris, Motorized Zoom Camera Lenses (28 21 31 00-0571)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0573 EA 8X Zoom, 6-48 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X8).....	610.55	12.76
28 21 31 00-0574 EA 10X Zoom, 6-60 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X10).....	764.45	12.76
28 21 31 00-0575 EA 15X Zoom, 6-90 mm, Manual Iris, Motorized Zoom Camera Lens (Pelco 13ZM6X15).....	815.41	12.76
28 21 31 00-0576 Direct Drive Auto Iris, Motorized Zoom Camera Lenses (28 21 31 00-0571)		
Note: Includes spot filter.		
28 21 31 00-0577 EA 6X Zoom, 6-48 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X8).....	556.16	12.76
28 21 31 00-0578 EA 10X Zoom, 6-60 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X10).....	643.96	12.76
28 21 31 00-0579 EA 15X Zoom, 6-90 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD6X15).....	901.72	12.76
28 21 31 00-0580 EA 20X Zoom, 5.6-112 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.6X20).....	1,110.57	12.76
28 21 31 00-0581 EA 30X Zoom, 5.5-165 mm, Direct Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZD5.5X30).....	2,211.87	12.76
28 21 31 00-0582 Video Drive Auto Iris, Motorized Zoom Camera Lenses (28 21 31 00-0571)		
Note: Includes spot filter.		
28 21 31 00-0583 EA 8X Zoom, 6-48 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X8S).....	626.14	12.76
28 21 31 00-0584 EA 10X Zoom, 6-60 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X10S).....	746.77	12.76
28 21 31 00-0585 EA 15X Zoom, 6-90 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV6X15S).....	940.19	12.76
28 21 31 00-0586 EA 20X Zoom, 5.6-112 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.6X20S).....	1,371.75	12.76
28 21 31 00-0587 EA 30X Zoom, 5.5-165 mm, Video Drive Auto Iris, Motorized Zoom Camera Lens (Pelco 13ZV5.5X30S).....	2,237.99	12.76
28 21 31 00-0588 Camera Power Supplies (28 21 31 00-0029)		
28 21 31 00-0589 EA 20 VA, 24 Volt AC, Camera Power Transformer (Pelco TF2000).....	40.48	10.89
28 21 31 00-0590 EA 50 VA, 24 Volt AC, Camera Power Transformer (Pelco TF9000).....	71.68	10.89
28 21 31 00-0591 EA 2 Amperes, 4 Outputs, Camera Power Supply (Pelco MCS4-2).....	315.30	21.76
28 21 31 00-0592 EA 5 Amperes, 8 Outputs, Camera Power Supply (Pelco MCS8-5).....	362.16	32.65
28 21 31 00-0593 EA 10 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-10).....	406.50	43.53
For Switchable Outputs, Add	191.66	
28 21 31 00-0594 EA 20 Amperes, 16 Outputs, Camera Power Supply (Pelco MCS16-20).....	453.35	54.41
For Switchable Outputs, Add	206.71	
28 21 31 00-0595 Camera Illuminators (28 21 31 00-0029)		
28 21 31 00-0596 Camera Illuminators (28 21 31 00-0595)		
Note: Includes lamp and mounting bracket.		
28 21 31 00-0597 EA Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27MF).....	1,636.66	21.76
28 21 31 00-0598 EA Infrared Narrow Spot Lamp, Low Light Level Camera Illuminator (Pelco LL27NS).....	1,636.66	21.76
28 21 31 00-0599 EA Flood Lamp, Low Light Level Camera Illuminator (Pelco LL27WF).....	1,636.66	21.76
28 21 31 00-0600 Camera Illuminator Accessories (28 21 31 00-0595)		
28 21 31 00-0601 EA Removal And Replacement Of Lamp For Low Light Level Camera Illuminator (Pelco PAR56).....	131.92	21.76
28 21 31 00-0602 Camera Receivers (28 21 31 00-0029)		
28 21 31 00-0603 EA 24 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9024RX-PP).....	1,576.42	37.16
28 21 31 00-0604 EA 120 Volt AC, Coaxitron® Outdoor Camera Receiver With Preset Positioning (Pelco CX9115RX-PP).....	1,576.42	37.16
28 21 31 00-0605 Pan And Tilt Drives (28 21 31 00-0029)		
28 21 31 00-0606 EA 15 LB Load, 24 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT270-24P).....	1,112.67	81.62
28 21 31 00-0607 EA 40 LB Load, 24/120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT570-24P).....	1,416.32	81.62
For Preset Positioning, Add	165.00	
28 21 31 00-0608 EA 100 LB Load, 120 Volt AC, Outdoor Pan And Tilt Drive (Pelco PT1250P).....	3,009.45	81.62
For Preset Positioning, Add	165.00	
28 21 31 00-0609 EA 100 LB Load, 120 Volt DC, Outdoor Pan And Tilt Drive (Pelco PT1250DC).....	3,441.00	81.62
For Preset Positioning, Add	165.00	
28 21 31 00-0610 EA 100 LB Load, 120 Volt DC, 360 Degree Outdoor Pan And Tilt Drive (Pelco PT1280SL).....	3,983.83	81.62
For Preset Positioning, Add	165.00	
28 21 31 00-0611 EA 100 LB Load, 120 Volt DC, Explosion Proof Outdoor Pan And Tilt Drive (Pelco PT1260EX).....	5,138.12	81.62
For Preset Positioning, Add	165.00	
28 21 31 00-0612 Scanners (28 21 31 00-0029)		
28 21 31 00-0613 EA 35 LB Load, 24 Volt AC, Indoor/Outdoor Scanner (Pelco PS20-24).....	1,271.77	81.62
For Wall Mount, Add	39.05	
For Pressure Sensor Alarm, Add	51.15	
28 21 31 00-0614 EA 35 LB Load, 120 Volt AC, Indoor/Outdoor Scanner (Pelco PS20).....	1,337.29	81.62
For Wall Mount, Add	39.05	
For Pressure Sensor Alarm, Add	51.15	
28 21 31 00-0615 Camera Monitors (28 21 31 00-0028)		
28 21 31 00-0616 Camera Monitors (28 21 31 00-0615)		
28 21 31 00-0617 Monochrome Camera Monitors (28 21 31 00-0616)		
28 21 31 00-0618 EA 9" Monochrome Camera Monitor (Pelco PMM9A).....	247.91	16.32
28 21 31 00-0619 EA 12" Monochrome Camera Monitor (Pelco PMM12A).....	284.31	16.32
28 21 31 00-0620 EA 15" Monochrome Camera Monitor (Pelco PMM15A).....	438.21	16.32

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0621	EA		20" Monochrome Camera Monitor (Pelco PMM20A).....	707.55	16.32
28 21 31 00-0622			Color Camera Monitors (28 21 31 00-0616)		
28 21 31 00-0623	EA		9", High Resolution Color, Camera Monitor (Pelco PMC9A).....	799.06	16.32
28 21 31 00-0624	EA		15", High Resolution Color, Camera Monitor (Pelco PMCS15A).....	647.23	16.32
28 21 31 00-0625	EA		17", High Resolution Color, Camera Monitor (Pelco PMCS17A).....	942.56	16.32
28 21 31 00-0626	EA		19", High Resolution Color, Camera Monitor (Pelco PMCS19A).....	1,254.53	16.32
28 21 31 00-0627			LCD Camera Monitors (28 21 31 00-0615)		
28 21 31 00-0628			VGA Signal, Color LCD Camera Monitors (Pelco 200 Series) (28 21 31 00-0627)		
			Note: Displays VGA computer signals.		
28 21 31 00-0629	EA		17", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL217).....	904.09	16.32
28 21 31 00-0630	EA		19", VGA Signal, High Resolution Color, LCD Camera Monitor (Pelco PMCL219).....	1,178.62	16.32
28 21 31 00-0631			Multimode, Color LCD Camera Monitors (Pelco 300 Series) (28 21 31 00-0627)		
			Note: Displays VGA computer signals and/or composite video signals.		
28 21 31 00-0632	EA		15", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL315).....	1,028.87	16.32
28 21 31 00-0633	EA		17", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL317).....	1,232.69	16.32
28 21 31 00-0634	EA		19", Multimode, High Resolution Color, LCD Camera Monitor (Pelco PMCL319).....	1,517.63	16.32
28 21 31 00-0635			Multimode With PIP, Color LCD Camera Monitors (Pelco 400 Series) (28 21 31 00-0627)		
			Note: Displays VGA computer signals and/or composite video signals. Includes picture in picture option.		
28 21 31 00-0636	EA		15", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL415).....	1,322.13	16.32
28 21 31 00-0637	EA		17", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL417).....	1,534.27	16.32
28 21 31 00-0638	EA		19", Multimode With PIP, High Resolution Color, LCD Camera Monitor (Pelco PMCL419).....	1,926.31	16.32
28 21 31 00-0639			Camera Monitor Mounting Accessories (28 21 31 00-0615)		
28 21 31 00-0640			Camera Monitor Mounts (28 21 31 00-0639)		
28 21 31 00-0641	EA		Up To 14", Camera Monitor Mount (Pelco).....	303.51	21.76
28 21 31 00-0642	EA		>14" To 17", Camera Monitor Mount (Pelco).....	354.46	21.76
28 21 31 00-0643	EA		>17" To 21", Camera Monitor Mount (Pelco).....	416.85	21.76
28 21 31 00-0644			Camera Monitor Rack Mount Kits (28 21 31 00-0639)		
28 21 31 00-0645	EA		Camera Monitor Rack Mount Kit (Pelco PMCL-RM).....	181.84	21.76
28 21 31 00-0646			Video Transmission Equipment (28 21 31 00-0028)		
28 21 31 00-0647			UTP Cable, Video Transmission Equipment (28 21 31 00-0646)		
28 21 31 00-0648			UTP Cable, Active Video Receivers (28 21 31 00-0647)		
28 21 31 00-0649	EA		Single Channel, UTP Cable, Active Video Receiver (Pelco TW3001AR).....	381.98	27.21
28 21 31 00-0650	EA		Four Channel, UTP Cable, Active Video Receiver (Pelco TW3004AR).....	1,331.41	27.21
28 21 31 00-0651	EA		Eight Channel, 4 Outputs, UTP Cable, Active Video Receiver (Pelco TW3008AR-4-US).....	2,626.08	27.21
28 21 31 00-0652	EA		Sixteen Channel, UTP Cable, Active Video Receiver (Pelco TW3016AR1-US).....	4,318.00	27.21
28 21 31 00-0653	EA		Sixteen Channel, 2 Outputs, UTP Cable, Active Video Receiver (Pelco TW3016AR-2-US).....	5,042.81	27.21
28 21 31 00-0654			UTP Cable, Passive Video Transceivers (28 21 31 00-0647)		
28 21 31 00-0655	EA		Single Channel, UTP Cable, Passive Video Transceiver (Pelco TW3001P).....	107.44	27.21
28 21 31 00-0656	EA		Four Channel, UTP Cable, Passive Video Transceiver (Pelco TW3004P).....	381.98	27.21
28 21 31 00-0657	EA		Eight Channel, UTP Cable, Passive Video Transceiver (Pelco TW3008P).....	710.59	27.21
28 21 31 00-0658	EA		Sixteen Channel, UTP Cable, Passive Video Transceiver (Pelco TW3016P).....	1,357.40	27.21
28 21 31 00-0659	EA		Thirty Two Channel, UTP Cable, Passive Video Transceiver (Pelco TW3032P).....	2,661.44	27.21
28 21 31 00-0660			UTP Cable, Active Video Transmitters (28 21 31 00-0647)		
28 21 31 00-0661	EA		Single Channel, UTP Cable, Active Video Transmitter (Pelco TW3001AT).....	399.66	27.21
28 21 31 00-0662			Fiber Optics, Video Transmission Equipment (28 21 31 00-0646)		
28 21 31 00-0663			Data Only, Fiber Optics Transmission Equipment (28 21 31 00-0662)		
28 21 31 00-0664			Bidirectional Data, Fiber Optics Transmitters (28 21 31 00-0663)		
28 21 31 00-0665	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AS).....	2,342.54	54.41
28 21 31 00-0666	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8101AM).....	951.15	54.41
28 21 31 00-0667	EA		Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104S).....	1,709.24	54.41
28 21 31 00-0668	EA		Four-Channel, Multimode, Bidirectional Data, Fiber Optics Transmitter (Pelco FT8104M).....	1,175.77	54.41
28 21 31 00-0669			Bidirectional Data, Fiber Optics Receivers (28 21 31 00-0663)		
28 21 31 00-0670	EA		Single-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AS).....	2,342.54	54.41
28 21 31 00-0671	EA		Single-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8101AM).....	951.15	54.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0672 EA Four-Channel, Single Mode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104S).....	1,709.24	54.41
28 21 31 00-0673 EA Four-Channel, Multimode, Bidirectional Data, Fiber Optics Receiver (Pelco FR8104M).....	1,175.77	54.41
28 21 31 00-0674 Video Only, Fiber Optics Transmission Equipment <small>(28 21 31 00-0662)</small>		
28 21 31 00-0675 Digitally Encoded Video, Fiber Optics Transmitters <small>(28 21 31 00-0674)</small>		
28 21 31 00-0676 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AS).....	1,034.34	54.41
28 21 31 00-0677 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8301AM).....	445.76	54.41
28 21 31 00-0678 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304S).....	2,884.32	54.41
28 21 31 00-0679 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8304M).....	1,730.03	54.41
28 21 31 00-0680 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308S).....	4,731.19	54.41
28 21 31 00-0681 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8308M).....	3,932.54	54.41
28 21 31 00-0682 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316S).....	11,760.91	54.41
28 21 31 00-0683 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Transmitter (Pelco FT8316M).....	10,466.23	54.41
28 21 31 00-0684 Digitally Encoded Video, Fiber Optics Receivers <small>(28 21 31 00-0674)</small>		
28 21 31 00-0685 EA Single-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AS).....	1,034.34	54.41
28 21 31 00-0686 EA Single-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8301AM).....	445.76	54.41
28 21 31 00-0687 EA Two-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AS).....	1,772.67	54.41
28 21 31 00-0688 EA Two-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8302AM).....	713.01	54.41
28 21 31 00-0689 EA Four-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304S).....	2,884.32	54.41
28 21 31 00-0690 EA Four-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8304M).....	1,730.03	54.41
28 21 31 00-0691 EA Eight-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308S).....	4,731.19	54.41
28 21 31 00-0692 EA Eight-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8308M).....	3,932.54	54.41
28 21 31 00-0693 EA Sixteen-Channel, Single Mode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316S).....	11,760.91	54.41
28 21 31 00-0694 EA Sixteen-Channel, Multimode, Digitally Encoded Video, Fiber Optics Receiver (Pelco FR8316M).....	10,466.23	54.41
28 21 31 00-0695 Video And Data, Fiber Optics Transmission Equipment <small>(28 21 31 00-0662)</small>		
28 21 31 00-0696 Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitters <small>(28 21 31 00-0695)</small>		
28 21 31 00-0697 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AS).....	1,790.35	54.41
28 21 31 00-0698 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85011AM).....	1,063.46	54.41
28 21 31 00-0699 EA Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041S).....	4,181.08	54.41
28 21 31 00-0700 EA Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85041M).....	3,618.49	54.41
28 21 31 00-0701 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081S).....	6,773.55	54.41
28 21 31 00-0702 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Transmitter (Pelco FT85081M).....	4,907.97	54.41
28 21 31 00-0703 Digitally Encoded Video With Bidirectional Data, Fiber Optics Receivers <small>(28 21 31 00-0695)</small>		
28 21 31 00-0704 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AS).....	1,790.35	54.41
28 21 31 00-0705 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85011AM).....	1,063.46	54.41
28 21 31 00-0706 EA Four-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041S).....	4,181.08	54.41
28 21 31 00-0707 EA Four-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85041M).....	3,618.49	54.41
28 21 31 00-0708 EA Eight-Channel, Single Mode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081S).....	6,773.55	54.41
28 21 31 00-0709 EA Eight-Channel, Multimode, Digitally Encoded Video With Bidirectional Data, Fiber Optics Receiver (Pelco FR85081M).....	4,907.97	54.41
28 21 31 00-0710 Video, Audio And Data, Fiber Optics Transmission Equipment <small>(28 21 31 00-0662)</small>		
28 21 31 00-0711 Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitters <small>(28 21 31 00-0710)</small>		
28 21 31 00-0712 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011S).....	2,309.26	54.41
28 21 31 00-0713 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Transmitter (Pelco FT86011M).....	1,835.06	54.41
28 21 31 00-0714 Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receivers <small>(28 21 31 00-0710)</small>		
28 21 31 00-0715 EA Single-Channel, Single Mode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011S).....	2,309.26	54.41
28 21 31 00-0716 EA Single-Channel, Multimode, Digitally Encoded Video With Bidirectional Audio, Data And Contact Closure, Fiber Optics Receiver (Pelco FR86011M).....	1,835.06	54.41
28 21 31 00-0717 Video Amplifiers <small>(28 21 31 00-0646)</small>		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
28 21 31 00-0718		Video Distribution Amplifiers (28 21 31 00-0717)			
28 21 31 00-0719	EA	1 Input, 4 Outputs, Video Distribution Amplifier (Pelco DA104DT)	284.07		13.61
28 21 31 00-0720	EA	16 Channel, Master, Video Distribution Amplifier (Pelco CM9760-MDA).....	2,326.43		13.61
		Note: Inserts time-date and title on up to 16 video inputs.			
28 21 31 00-0721		Video Equalizing Amplifiers (28 21 31 00-0717)			
28 21 31 00-0722	EA	Video Equalizing Amplifier (Pelco EA2010)	309.02		13.61
28 21 31 00-0723	EA	Half-Duplex, Video Equalizing Amplifier (Pelco EA2000).....	486.85		13.61
28 21 31 00-0724		Network Video Equipment (28 21 31 00-0028)			
28 21 31 00-0725		Video Encoders/Decoders (28 21 31 00-0724)			
28 21 31 00-0726	EA	MPEG4 IP Video Receiver (Pelco NET300R).....	1,144.57		27.21
28 21 31 00-0727	EA	MPEG4 IP Video Transmitter (Pelco NET300T)	1,144.57		27.21
28 21 31 00-0728	EA	MPEG4 IP Video Receiver With Audio (Pelco NET350R)	1,319.27		27.21
28 21 31 00-0729	EA	MPEG4 IP Video Transmitter With Audio And Local Storage (Pelco NET350T)	1,319.27		27.21
28 21 31 00-0730		Network Video Recorders (28 21 31 00-0724)			
28 21 31 00-0731	EA	16 Device Or 100MBPS, Network Video Recorder (Pelco NVR316).....	7,311.18		54.41
28 21 31 00-0732	EA	32 Device Or 100MBPS, Network Video Recorder (Pelco NVR332).....	8,510.18		54.41
28 21 31 00-0733	EA	64 Device Or 100MBPS, Network Video Recorder (Pelco NVR364).....	10,910.27		54.41
28 21 31 00-0734	EA	64 Device Or 100MBPS, PelcoNet Network Video Recorder (Pelco NVR300).....	7,220.71		54.41
28 21 31 00-0735		Network Video Recorder Software (28 21 31 00-0724)			
28 21 31 00-0736	EA	10 User, License Pack (Pelco VMX300-LIC-10)	723.77		
28 21 31 00-0737	EA	20 User, License Pack (Pelco VMX300-LIC-20)	1,305.07		
28 21 31 00-0738	EA	50 User, License Pack (Pelco VMX300-LIC-50)	2,898.20		
28 21 31 00-0739	EA	100 User, License Pack (Pelco VMX300-LIC-100)	5,069.51		
28 21 31 00-0740	EA	10 User, Enterprise License Pack (Pelco VMX300-E-LIC10)	1,208.36		
28 21 31 00-0741	EA	20 User, Enterprise License Pack (Pelco VMX300-E-LIC20)	2,173.39		
28 21 31 00-0742	EA	50 User, Enterprise License Pack (Pelco VMX300-E-LIC50)	4,830.34		
28 21 31 00-0743	EA	100 User, Enterprise License Pack (Pelco VMX300-E-LIC100)	8,451.27		
28 21 31 00-0744	EA	200 User, Enterprise License Pack (Pelco VMX300-E-LIC200)	14,486.85		
28 21 31 00-0745	EA	500 User, Enterprise License Pack (Pelco VMX300-E-LIC500)	30,179.98		
28 21 31 00-0746	EA	0 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-0).....	6,505.82		
28 21 31 00-0747	EA	1 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-1).....	6,908.27		
28 21 31 00-0748	EA	4 Analog Inputs, No Monitors, Video Management Client Software Installed On Pelco Workstation (Pelco VMX300-CL-4).....	10,933.72		
28 21 31 00-0749	EA	0 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-0).....	7,230.64		
28 21 31 00-0750	EA	1 Analog Input, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-1)	7,633.08		
28 21 31 00-0751	EA	4 Analog Inputs, No Monitors, Video Management Client/Server Software Installed On Pelco Workstation (Pelco VMX300-CSVR-4)	11,656.45		
28 21 31 00-0752	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-0).....	6,989.38		
28 21 31 00-0753	EA	1 Analog Input, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-1).....	7,392.86		
28 21 31 00-0754	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CL-4).....	11,417.27		
28 21 31 00-0755	EA	0 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-0).....	8,195.66		
28 21 31 00-0756	EA	1 Analog Input, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-1).....	8,598.10		
28 21 31 00-0757	EA	4 Analog Inputs, No Monitors, Enterprise Video Management Client/Server Software Installed On Pelco Enterprise Workstation (Pelco VMX300-E-CSVR-4).....	12,623.56		
28 21 31 00-0758		Video Recording Equipment (28 21 31 00-0028)			
28 21 31 00-0759		Digital Video Recorders (28 21 31 00-0758)			
28 21 31 00-0760	EA	8 Channel, 1TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-1000A)	11,455.18		54.41
28 21 31 00-0761	EA	8 Channel, 2 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-2000A)	15,712.53		54.41
28 21 31 00-0762	EA	8 Channel, 3 TB Hard Drive, 8 Channel Audio, Digital Video Recorder With DVD (Pelco DX8108-3000A)	19,970.92		54.41
28 21 31 00-0763	EA	16 Channel, 1 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-1000A)	13,793.91		54.41
28 21 31 00-0764	EA	16 Channel, 2 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-2000A)	18,051.26		54.41
28 21 31 00-0765	EA	16 Channel, 3 TB Hard Drive, 16 Channel Audio, Digital Video Recorder With DVD (Pelco DX8116-3000A)	22,309.66		54.41
28 21 31 00-0766	EA	24 Channel, 1 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-1000A)	15,080.27		54.41
28 21 31 00-0767	EA	24 Channel, 2 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-2000A)	19,337.62		54.41
28 21 31 00-0768	EA	24 Channel, 3 TB Hard Drive, 24 Channel Audio, Digital Video Recorder With DVD (Pelco DX8124-3000A)	23,596.01		54.41
28 21 31 00-0769	EA	32 Channel, 1 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-1000A)	17,419.01		54.41
28 21 31 00-0770	EA	32 Channel, 2 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-2000A)	21,676.36		54.41
28 21 31 00-0771	EA	32 Channel, 3 TB Hard Drive, 32 Channel Audio, Digital Video Recorder With DVD (Pelco DX8132-3000A)	25,934.75		54.41
28 21 31 00-0772	EA	16 Channel, 30 IPS, Digital Video Recorder (Pelco DX9116F-1500)	12,646.18		54.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0773 Digital Video Recorder Accessories (28 21 31 00-0758)		
28 21 31 00-0774 EA 16 Channel, Multiplexed Analog Output Display Card (Pelco DX8000-MUX16).....	1,107.13	27.21
28 21 31 00-0775 Matrix Systems And Controls (28 21 31 00-0028)		
28 21 31 00-0776 Video Multiplexers (28 21 31 00-0775)		
28 21 31 00-0777 Monochrome Duplex, Video Multiplexers (28 21 31 00-0776)		
28 21 31 00-0778 EA 9 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4009MD).....	2,099.20	54.41
28 21 31 00-0779 EA 16 Channel, Monochrome Duplex, Video Multiplexer (Pelco MX4016MD).....	1,983.77	54.41
28 21 31 00-0780 Color Duplex, Video Multiplexers (28 21 31 00-0776)		
28 21 31 00-0781 EA 4 Channel, Color Duplex, Video Multiplexer (Pelco MX4004CD).....	1,415.98	54.41
28 21 31 00-0782 EA 9 Channel, Color Duplex, Video Multiplexer (Pelco MX4009CD).....	2,706.50	54.41
28 21 31 00-0783 EA 16 Channel, Color Duplex, Video Multiplexer (Pelco MX4016CD).....	2,934.24	54.41
28 21 31 00-0784 Color Simplex, Video Multiplexers (28 21 31 00-0776)		
28 21 31 00-0785 EA 9 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4009CS).....	2,273.90	54.41
28 21 31 00-0786 EA 16 Channel, Monochrome Simplex, Video Multiplexer (Pelco MX4016CS).....	2,656.59	54.41
28 21 31 00-0787 Video Multiplexer Accessories (28 21 31 00-0776)		
28 21 31 00-0788 EA Pushbutton/Joystick Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4000).....	1,246.77	37.16
28 21 31 00-0789 EA Pushbutton Desktop Controls For PTZ, Fixed/Variable-Speed, Multiplexer Controller (Pelco KBD4002).....	728.90	37.16
28 21 31 00-0790 EA Video Multiplexer Server (Pelco MX4000SVR).....	2,099.20	54.41
28 21 31 00-0791 Quad Video Processor (28 21 31 00-0775)		
28 21 31 00-0792 EA Monochrome, Quad Video Processor (Pelco QD104M).....	648.19	27.21
28 21 31 00-0793 EA Color, Quad Video Processor (Pelco QD104C).....	1,064.15	27.21
28 21 31 00-0794 Switcher (28 21 31 00-0775)		
28 21 31 00-0795 Terminating Manual Switchers (28 21 31 00-0794)		
28 21 31 00-0796 Terminating Manual Switchers (28 21 31 00-0795)		
28 21 31 00-0797 EA 4 Inputs, Terminating Manual Switcher (Pelco MS504DT).....	223.43	21.76
28 21 31 00-0798 EA 8 Inputs, Terminating Manual Switcher (Pelco MS508DT).....	304.54	21.76
28 21 31 00-0799 EA 12 Inputs, Terminating Manual Switcher (Pelco MS512DT).....	371.10	21.76
28 21 31 00-0800 EA 18 Inputs, Terminating Manual Switcher (Pelco MS518DT).....	609.24	21.76
28 21 31 00-0801 Audio Follow, Terminating Manual Switchers (28 21 31 00-0795)		
28 21 31 00-0802 EA 4 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS504AF).....	289.99	21.76
28 21 31 00-0803 EA 8 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS508AF).....	513.56	21.76
28 21 31 00-0804 EA 18 Inputs, Audio Follow, Terminating Manual Switcher (Pelco MS518AF).....	899.37	21.76
28 21 31 00-0805 Balanced Audio Follow, Terminating Manual Switchers (28 21 31 00-0795)		
28 21 31 00-0806 EA 4 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS504BAF).....	388.78	21.76
28 21 31 00-0807 EA 8 Inputs, Balanced Audio Follow, Terminating Manual Switcher (Pelco MS508BAF).....	715.31	21.76
28 21 31 00-0808 Looping Manual Switchers (28 21 31 00-0794)		
28 21 31 00-0809 Looping Manual Switchers (28 21 31 00-0808)		
28 21 31 00-0810 EA 4 Inputs, Looping Manual Switcher (Pelco MS504LDT).....	250.47	21.76
28 21 31 00-0811 EA 8 Inputs, Looping Manual Switcher (Pelco MS508LDT).....	345.10	21.76
28 21 31 00-0812 EA 12 Inputs, Looping Manual Switcher (Pelco MS512LDT).....	440.77	21.76
28 21 31 00-0813 EA 18 Inputs, Looping Manual Switcher (Pelco MS518LDT).....	728.82	21.76
28 21 31 00-0814 Audio Follow, Looping Manual Switchers (28 21 31 00-0808)		
28 21 31 00-0815 EA 4 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS504AFL).....	312.86	21.76
28 21 31 00-0816 EA 8 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS508AFL).....	548.92	21.76
28 21 31 00-0817 EA 12 Inputs, Audio Follow, Looping Manual Switcher (Pelco MS512AFL).....	754.82	21.76
28 21 31 00-0818 Balanced Audio Follow, Looping Manual Switchers (28 21 31 00-0808)		
28 21 31 00-0819 EA 4 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS504BAFL).....	416.85	21.76
28 21 31 00-0820 EA 8 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS508BAFL).....	757.94	21.76
28 21 31 00-0821 EA 12 Inputs, Balanced Audio Follow, Looping Manual Switcher (Pelco MS512BAFL).....	954.48	21.76
28 21 31 00-0822 Sequential Switchers (28 21 31 00-0794)		
28 21 31 00-0823 Single Output, Sequential Switchers (28 21 31 00-0822)		

28 Electronic Safety and Security**28 20 Video Surveillance****28 21 Surveillance Cameras**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 21 31 00-0824	EA		4 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6104).....	441.81	21.76
28 21 31 00-0825	EA		8 Inputs, Single Output, Sequential Desktop Switcher (Pelco VA6108).....	660.19	21.76
28 21 31 00-0826			Dual Outputs, Sequential Switchers (28 21 31 00-0822)		
28 21 31 00-0827	EA		4 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6204)	553.08	21.76
28 21 31 00-0828	EA		8 Inputs, Dual Outputs, Sequential Desktop Switcher (Pelco VA6208)	767.30	21.76
28 21 31 00-0829			Controls (28 21 31 00-0775)		
28 21 31 00-0830			Direct/Multi-Cable Controls (28 21 31 00-0829)		
28 21 31 00-0831	EA		Scanner Control Module (Pelco MPS524DT)	375.04	54.41
28 21 31 00-0832	EA		120 Volt AC Pan/Tilt Control Module (Pelco MPT115DT)	401.04	54.41
28 21 31 00-0833	EA		24 Volt AC Pan/Tilt Control Module (Pelco MPT24DT)	445.76	54.41
28 21 31 00-0834	EA		Motorized Zoom Lens Control Module (Pelco MLZ6DT).....	466.56	54.41
28 21 31 00-0835	EA		120 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ115DT)	741.09	54.41
28 21 31 00-0836	EA		24 Volt AC Pan/Tilt, Scanner And Lens Control Module (Pelco MPTAZ24DT)	817.00	54.41
28 21 31 00-0837			Coaxitron Controls (28 21 31 00-0829)		
28 21 31 00-0838	EA		Desktop Keyboard, Fixed Speed Coaxitron Controller And Transmitter (Pelco KBD9000).....	535.48	37.16
28 21 31 00-0839	EA		8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9000).....	1,025.28	37.16
28 21 31 00-0840	EA		Integral Switcher, 8 Position Joystick Pan/Tilt Controls, Switch Camera Lens Controls, Desktop Coaxitron Controller And Transmitter (Pelco MPT9008).....	1,165.66	37.16
28 21 31 00-0841			Digital Controls (28 21 31 00-0829)		
28 21 31 00-0842	EA		Pushbutton Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD200A).....	723.70	37.16
28 21 31 00-0843	EA		Pushbutton/Joystick Desktop Controls For Pan/Tilt/Zoom, Fixed/Variable-Speed, Digital Controller (Pelco KBD300A).....	1,236.38	37.16
28 21 31 00-0844			Lock Boxes (28 21 31 00-0775)		
28 21 31 00-0845	EA		VCR Lock Box (Pelco LB1000).....	444.55	40.81
			<i>For Wall Mount, Add</i>	165.00	
28 21 31 00-0846	EA		Computer Disk Drive Lock Box (Pelco LB2000)	454.94	40.81
28 21 31 00-0847	EA		VCR And Multiplexer Lock Box (Pelco LB3000)	839.71	40.81
			Note: Includes storage for 32 VCR tapes.		
28 21 31 00-0848			Test And Certification Of Surveillance Camera System (28 21 31)		
28 21 31 00-0849	DAY		Test And Certification Of Surveillance Camera System To Tie Into Existing Systems	862.88	
28 21 31 00-0850	HR		Test And Certification Of Surveillance Camera System.....	269.65	
28 21 31 00-0851			Programming Of Surveillance Camera System (28 21 31)		
28 21 31 00-0852	HR		Programming Of Surveillance Camera System	323.58	
28 21 31 00-0853			Removal And Reinstallation Of Cameras (28 21 31)		
			Note: Includes storage, cleaning and supply materials.		
28 21 31 00-0854	EA		Removal And Reinstallation Of Camera System	489.72	
28 21 31 00-0855			Closed Circuit Television And Surveillance Systems (American Dynamics)		
			(28 21 31)		
28 21 31 00-0856	EA		2 Megapixel Indoor/Outdoor Network IR MiniDome Camera, 2.7-13.5mm Lens (American Dynamics IPS03-D12-O103).....	926.74	108.83
28 21 31 00-0857	EA		2 Megapixel IR Outdoor PTZ Camera, 42X Lens (American Dynamics AD- IPS02-P24-O104).....	3,823.35	108.83
28 21 31 00-0858	EA		Dome Mount, Ultra/Optima (Outdoor), Over-The-Roof Mount (American Dynamics AD- RHOTR)	650.13	217.65
28 21 31 00-0859	EA		64 Channel 2U VideoEdge Hybrid Network Video Recorder, 30TB (American Dynamics ADVER30R5N2B).....	14,460.23	54.41
28 21 31 00-0860	EA		2 Post Rack Rail Kit For Network Video Recorder.....	232.90	27.21

28 40 Life Safety (28)

Note: Includes testing of new devices and certification.

28 42 Gas Detection and Alarm (28 40)**28 42 11 Gas Detection and Alarm Control, GUI, and Logic Systems (28 42)****28 42 11 00-0001 Monitoring System For Underground Tanks (28 42 11)****28 42 11 00-0002 Continuous Leak Detection System (28 42 11 00-0001)**

Note: Includes calibration, electronic control module and probes. Excludes sample wells, electrical power supply and sensor cable.

28 42 11 00-0003	EA		Single Channel Underground Tank Monitoring System	15,841.43	445.38
28 42 11 00-0004	EA		2 Channel Underground Tank Monitoring System.....	21,391.10	594.20
28 42 11 00-0005	EA		3 Channel Underground Tank Monitoring System	30,763.89	636.56
28 42 11 00-0006	EA		4 Channel Underground Tank Monitoring System.....	32,490.45	890.76

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 42 11 00-0007 EA Control Panel, 1-8 Tanks, Single Wall Tank Monitoring System	24,171.90	76.04
28 42 11 00-0008 EA Control Panel, 1-4 Tanks, Double Wall Tank Monitoring System	21,799.80	67.90
28 42 11 00-0009 EA Control Panel, 1-8 Tanks, Double Wall Tank Monitoring System	28,698.36	76.04
28 42 11 00-0010 EA Tank Leak Detection Probe	8,901.16	16.29
28 42 11 00-0011 EA Secondary Containment Collar Probe	1,075.53	6.52
28 42 11 00-0012 EA Interstitial Leak Detection Probe	1,967.40	13.58
28 42 11 00-0013 EA Liquid Phase Detection	6,502.65	40.74
28 42 11 00-0014 EA Hydrocarbon Vapor, Fixed	5,994.58	40.74
28 42 11 00-0015 EA Hydrocarbon Vapor, Float Mounted	7,015.86	46.16
28 42 11 00-0016 EA Liquid And Vapor Hydrocarbon	8,032.01	46.16

28 42 15 Gas Detection Sensors (28 42)

28 42 15 00-0001 Hydrogen Gas Detection (28 42 15)		
28 42 15 00-0002 EA Hydrogen Gas Detector Sensor, 1% Fan Relay, 2% Alarm (SBS HGDI-DR)	1,960.94	40.81
28 42 15 00-0003 EA Hydrogen Gas Detector Junction Box (SBS HGDI-JB)	100.70	40.81
28 42 15 00-0004 EA Remote Display With 25' Cable For Hydrogen Gas Detector (SBS HGDI-REM)	491.08	40.81

28 43 Fuel Oil Detection and Alarm (28 40)

See CSI section 28 42 00 00-0000 for detection and alarms.

28 46 Fire Detection and Alarm (28 40)

28 46 13 Fire-Alarm Systems (28 46)

28 46 13 31 Proprietary Supervising-Station Fire-Alarm Systems (28 46 13)

Note: Includes programming of equipment, testing and certification of new devices.

28 46 13 31-0001 Edwards Fire Alarm (28 46 13 31)		
28 46 13 31-0002 EST3 Life Safety And Security Control (28 46 13 31-0001)		
28 46 13 31-0003 EST3 Network (28 46 13 31-0002)		
28 46 13 31-0004 Remote Annunciators (28 46 13 31-0003)		
28 46 13 31-0005 EA Remote LCD Command Module Annunciator (EST3 3-LCDANN)	1,572.35	81.62
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
28 46 13 31-0006 EA Six Position Base Annunciator (EST3 3-6ANN)	1,277.57	81.62
Note: Includes door, CPU card, two annunciator support modules and five blank filler plates. Space provided for up to four Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
28 46 13 31-0007 EA Ten Position Base Annunciator (EST3 3-10ANN)	1,621.29	81.62
Note: Includes door, CPU card, two annunciator support modules and nine blank filler plates. Space provided for up to eight Control/Display Modules and one 3-LCD Liquid Crystal Display Module.		
28 46 13 31-0008 EA Annunciator CPU (EST3 3-ANNCPU3)	1,025.96	81.62
Note: One Required per graphic annunciator.		
28 46 13 31-0009 EA Annunciator Support Module (EST3 3-ANNSM)	185.69	27.21
Note: Takes one space in Annunciator box. Supports one Control/Display module.		
28 46 13 31-0010 EA Liquid Crystal Display Module (EST3 3-LCD)	652.26	81.62
Note: Mounts over 3-CPU(1).		
28 46 13 31-0011 EA Liquid Crystal Display Module (EST3 3-LCDXL)	667.78	81.62
Note: Mounts over 3-ANNCPU plus two spaces.		
28 46 13 31-0012 EA LED/SWITCH Driver Module Assembly For Third Part Graphics (EST3 3-EVDVRA)	738.43	81.62
Note: Assembled version of 3-EVDVR, comes packaged with cables, mounting hardware installation instructions used for third party graphics. Mounts in 3-EVDVRX.		
28 46 13 31-0013 EA Power Supply Assembly With 19" Rail Mounting Chassis Assembly (EST3 3-EVPWRA)	870.92	54.41
Note: Assembled version of 3-EVPWR, comes packaged with cables, mounting hardware and mounting plate for 3-ANNCPU1. Used for third party graphics.		
28 46 13 31-0014 EA Plastic Mounting Extrusion 19" Mounting (EST3 3-EVDVRX)	127.17	27.21
Note: Mounts up to three 3-EVDVRA modules.		
28 46 13 31-0015 EA Central Processor Unit Module (EST3 3-CPU3)	1,865.86	81.62
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		
28 46 13 31-0016 EA 120 Volt AC, 50/60 Hertz, Primary Power Supply With Local Rail Module (EST3 3-CPU3)	1,657.89	27.21
Note: Includes LCD display, CPU and doors. Order surface or semi-flush mount wallbox separately.		

28 46 13 31-0017 Remote Annunciators Cabinets (28 46 13 31-0003)

28 46 13 31-0018 EA Remote LCD Command Module Flush Mount LCD Wallbox (EST3 RLCMB)	137.64	27.21
28 46 13 31-0019 EA Remote LCD Command Module Surface Mount LCD Wallbox (EST3 RLCMB-S)	126.76	21.76
28 46 13 31-0020 EA Six Position LED/LCD Flush Wallbox (EST3 6ANN/B)	156.11	27.21
28 46 13 31-0021 EA Six Position LED/LCD Surface Wallbox (EST3 6ANN/B-S)	145.23	21.76
28 46 13 31-0022 EA Ten Position LED/LCD Flush Wallbox (EST3 10ANN/B)	173.44	27.21
28 46 13 31-0023 EA Ten Position LED/LCD Surface Wallbox (EST3 10ANN/B-S)	162.56	21.76

28 46 13 31-0024 Audio And Telephone Masters (28 46 13 31-0003)

28 46 13 31-0025 EA Audio Source Unit With Local Microphone And Firefighters' Telephone (EST3 3-ASU/FT)	5,163.83	108.83
28 46 13 31-0026 EA Audio Source Unit With Local Microphone (Provides Four Local Rail Spaces) (EST3 3-ASU/4)	2,863.35	108.83
28 46 13 31-0027 EA Audio Source Unit With Local Microphone And Inner Door Filler Plate (EST3 3-ASU)	1,873.13	108.83
28 46 13 31-0028 EA Fire Fighters Telephone Control Unit With Inner Door Filler Plate (EST3 3-FTCU)	2,705.17	108.83
28 46 13 31-0029 EA Audio Source Unit Memory Expansion, 100 Minutes (EST3 3-ASUMX/100)	3,093.32	108.83
28 46 13 31-0030 EA Zoned Amplifier, 95 Watt, Class B. 95 Watt Selectable For 25 Or 70 Vrms Class B Output. Mounts In 2 LRM Spaces (EST3 3-ZA95)	1,850.60	54.41

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
28 46 13 31-0031		Battery Distribution Unit <small>(28 46 13 31-0003)</small>			
28 46 13 31-0032	EA	Battery Distribution Unit (EST3 3-BTSEN).....	545.49		436.67
28 46 13 31-0033		Remote Booster Power Supply <small>(28 46 13 31-0003)</small>			
28 46 13 31-0034	EA	6.5 Amperes, 120 Volt AC, Booster Power Supply (EST3 BPS6A).....	882.24		81.62
28 46 13 31-0035	EA	10 Amperes, 110 Volt AC Booster Power Supply (EST3 BPS10).....	1,010.17		81.62
28 46 13 31-0036	EA	10 Amperes, 220 Volt AC Booster Power Supply (EST3 BPS10220).....	1,104.43		81.62
28 46 13 31-0037	EA	Tamper Switch - For CAB7, 14 And 21 Series Cabinets (EST3 3-TAMP).....	140.74		27.21
28 46 13 31-0038		Batteries And Battery Cabinets <small>(28 46 13 31-0003)</small>			
28 46 13 31-0039	EA	1.2 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V1A2 (1.2 Ampere Hours)).....	105.60		27.21
28 46 13 31-0040	EA	4 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V4A (4.5 Ampere Hours)).....	133.39		27.21
28 46 13 31-0041	EA	24 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V24A (26 Ampere Hours)).....	325.14		27.21
28 46 13 31-0042	EA	6.5 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V6A5 (7.2 Ampere Hours)).....	144.52		27.21
28 46 13 31-0043	EA	40 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V40A (40 Ampere Hours)).....	414.15		27.21
28 46 13 31-0044	EA	10 Amperes Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V10A (11 Ampere Hours)).....	229.89		27.21
28 46 13 31-0045	EA	50 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V50A (50 Ampere Hours)).....	847.83		27.21
28 46 13 31-0046	EA	17 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V17A (18 Ampere Hours)).....	235.62		27.21
28 46 13 31-0047	EA	65 Ampere Hours, 12 Volt DC, Sealed Lead Acid Battery (EST3 12V65A (65 Amp Hours)).....	1,022.20		27.21
28 46 13 31-0048	EA	8 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V8A (8 Amp Hours)).....	127.98		27.21
28 46 13 31-0049	EA	10 Ampere Hours, 6 Volt DC, Sealed Lead Acid Battery (EST3 6V10A (12 Amp Hours)).....	114.10		27.21
28 46 13 31-0050	EA	14" x 18-1/4" x 7-1/4" Free Standing Battery Cabinet With Key Lock (EST3 BC-1).....	418.89		54.41
		Note: Supports up to 40 Ah batteries will hold up to two 12V24A batteries.			
28 46 13 31-0051	EA	22" x 15" x 3-3/4" Grey Battery Cabinet (EST3 BC-2).....	344.04		54.41
		Note: Holds up to two 12V17A batteries.			
28 46 13 31-0052	EA	Remote Closet Enclosure (EST3 3-RCC7R).....	1,195.49		108.83
28 46 13 31-0053	EA	Remote Closet Enclosure (EST3 3-RCC14R).....	1,490.18		108.83
28 46 13 31-0054	EA	Remote Closet Enclosure (EST3 3-RCC21R).....	2,101.25		108.83
28 46 13 31-0055		Serial Printer <small>(28 46 13 31-0003)</small>			
28 46 13 31-0056	EA	System Printer - Desk Top Style (EST3 PT-1S).....	967.39		27.21
28 46 13 31-0057		Intelligent Analog Initiating Devices <small>(28 46 13 31-0002)</small>			
28 46 13 31-0058		Detectors, Signature <small>(28 46 13 31-0057)</small>			
28 46 13 31-0059	EA	Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHS).....	249.25		40.81
28 46 13 31-0060	EA	Black, Intelligent 4D Multisensor Detector For Ionization, Photoelectric, And Heat (EST3 SIGA-IPHSB).....	281.60		40.81
28 46 13 31-0061	EA	Intelligent 3D Multisensor Detector For Photoelectric And Heat (EST3 SIGA-PHS).....	239.61		40.81
28 46 13 31-0062	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA-PS).....	210.70		40.81
28 46 13 31-0063	EA	Intelligent Ionization Smoke Detector (EST3 SIGA-IS).....	220.33		40.81
28 46 13 31-0064	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA-HRS).....	178.46		40.81
28 46 13 31-0065	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA-HFS).....	178.46		40.81
28 46 13 31-0066	EA	Passive Infrared Motion Detector (EST3 SIGA-MD).....	290.21		40.81
28 46 13 31-0067	EA	Passive Infrared Motion Detector With Swivel Mount For Single Gang Boxes (EST3 SIGA-MDS).....	321.78		40.81
28 46 13 31-0068	EA	Intelligent Photoelectric Smoke Detector (EST3 SIGA2-PS).....	269.52		40.81
28 46 13 31-0069	EA	Intelligent Combination Photo Electric And CO Sensor (EST3 SIGA2-PCOS).....	394.86		40.81
28 46 13 31-0070	EA	135 Degree Fahrenheit, Intelligent Fixed Temperature Heat Detector (EST3 SIGA2-HFS).....	222.75		40.81
28 46 13 31-0071	EA	135 Degrees Fahrenheit, 15 Degrees Fahrenheit Per Minute, Intelligent Fixed Temperature/Rate-of-Rise Heat Detector (EST3 SIGA2-HRS).....	222.75		40.81
28 46 13 31-0072	EA	Photoelectric, Heat, Intelligent 3D Multisensor Detector (EST3 SIGA2-PHS).....	311.64		40.81
28 46 13 31-0073		Detectors, Duct Housings and Accessories, Signature <small>(28 46 13 31-0057)</small>			
28 46 13 31-0074	EA	Superduct, Signature Duct Smoke Detector (EST3 SIGA-SD).....	508.46		68.02
28 46 13 31-0075	EA	Superduct, Test Magnet Kit (EST3 SD-MAG).....	20.52		
28 46 13 31-0076	EA	Superduct, 120" Air Sample Tube (EST3 SD-T120).....	64.73		16.32
28 46 13 31-0077	EA	Superduct, Remote Test Station, Keyed, 2-Wire And SIGA (EST3 SD-TRK).....	131.65		21.76
28 46 13 31-0078	EA	Duct Smoke Detector Test Station, 2-Gang Plastic Plate With Key Switch, 2 Keys, Use With Duct Detector Only (EST3 SIGA-DTS).....	180.57		21.76
28 46 13 31-0079	EA	High Temp Heat Detector, 194 Degree F, Combination Rate-Of-Rise And Fixed Temperature (EST3 282B-PL).....	75.83		21.76
28 46 13 31-0080		Modules, Signature <small>(28 46 13 31-0057)</small>			
28 46 13 31-0081	EA	Universal Class A/B Module - UIO Mount (EST3 SIGA-MAB).....	238.12		27.21
28 46 13 31-0082	EA	Class B Single Input Module (One Gang Standard Mount) (EST3 SIGA-CT1).....	109.98		27.21
28 46 13 31-0083	EA	Class B Dual Input Module (One Gang Standard Mount) (EST3 SIGA-CT2).....	148.74		27.21
28 46 13 31-0084	EA	Class B Dual Input UIO (Plug In) Module (EST3 SIGA-MCT2).....	212.33		27.21
28 46 13 31-0085	EA	Single Input (Riser) Module, Features A Built-In Ring Tone Generator, Use For Switching A Single Signal Or Audio Circuit (EST3 SIGA-CC1).....	163.36		27.21
28 46 13 31-0086	EA	Dual Input (Riser) Module, Use For Switching (Selecting) Either Of Two Signal Or Audio Input Circuits To One Signal Output Circuit (EST3 SIGA-CC2).....	171.41		27.21
28 46 13 31-0087	EA	Control Relay Module (One Gang Standard Mount) (EST3 SIGA-CR).....	130.46		27.21
		Note: Select for either N.O. or N.C. operation. Rated at 2 amperes (24 Volt DC).			
28 46 13 31-0088	EA	Control Relay UIO (Plug In) Module (EST3 SIGA-MCR).....	183.49		27.21
28 46 13 31-0089	EA	Single Input (Riser) Module With Strobe Synchronization Output (EST3 SIGA-CC1S).....	247.92		27.21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0090 EA Universal Input/Output Module - Input With Programmable Output (EST3 SIGA-IO).....	241.45	27.21
28 46 13 31-0091 EA Input/Output Module - UIO Mount, Multifunction Module With Input And Program (EST3 SIGA-MIO).....	231.81	27.21
28 46 13 31-0092 EA Waterflow/Tamper Module (One Gang Standard Mount) (EST3 SIGA-WTM).....	211.83	184.63
28 46 13 31-0093 EA Monitor Module (One Gang Standard Mount) (EST3 SIGA-MM1).....	152.76	27.21
Note: Factory programmed for non-latching monitor operation.		
28 46 13 31-0094 EA Single Input (Riser) Module, With Synchronization Output (EST3 SIGA-MCC1S).....	248.97	27.21
28 46 13 31-0095 Module Accessories, Signature <small>(28 46 13 31-0057)</small>		
Note: Universal I/O motherboards are required for UIO plug-in modules. Module mounting plates can be used to mount multiple 1 and 2-gang modules.		
28 46 13 31-0096 EA Module Mounting Bracket - For 4" Square Box, Mounting Kit Allows Installing 2 Single Gang Signature Modules Into A Single 4" Square Box (EST3 SIGA-MB4).....	59.59	13.61
28 46 13 31-0097 EA Universal Input/Output Module Motherboard - 6 Position, Use For M Series Modules (EST3 SIGA-UIO6).....	209.21	27.21
28 46 13 31-0098 EA Transient Protector - For Bell And Horn Circuits, Provides Transient Protection To -CC1, -MCC1, -CC2, -MCC2, -UM And -MAB Modules (EST3 235196P).....	21.14	8.16
28 46 13 31-0099 EA Signature Module Mounting Plate, 1 Footprint, Space For Up To Four 2-Gang Signature Modules Or Eight 1-Gang Signature Modules (EST3 SIGA-MP1).....	70.74	13.61
28 46 13 31-0100 EA Signature Module Mounting Plate, 1/2 Footprint, Space For Up To Two 2-Gang Signature Modules Or Four 1-Gang Signature Modules (EST3 SIGA-MP2).....	62.73	13.61
28 46 13 31-0101 EA Signature Module Mounting Plate, 1/2 Extended Footprint, Space For Up To Three 2-Gang Signature Modules Or Six 1-Gang Signature Modules (EST3 SIGA-MP2L).....	65.90	13.61
28 46 13 31-0102 Single Action Pull Stations, Signature <small>(28 46 13 31-0057)</small>		
28 46 13 31-0103 EA One Stage Fire Alarm Station, English Markings (EST3 SIGA-270).....	253.99	56.59
28 46 13 31-0104 EA Two Stage (Pre Signal) Fire Alarm Station, English Markings (EST3 SIGA-270P).....	302.34	56.59
28 46 13 31-0105 EA GA Key - For Pre Signal Station (EST3 276-K2).....	35.44	29.99
28 46 13 31-0106 EA 20 Glass Rods For SIGA-270 Series Stations (EST3 270-GLR).....	44.76	39.31
28 46 13 31-0107 EA Surface Mount Box, Red - For SIGA-270 Series (EST3 276B-RSB).....	64.41	42.64
28 46 13 31-0108 Double Action Pull Stations, Signature <small>(28 46 13 31-0057)</small>		
28 46 13 31-0109 EA Double Action (One Stage) Fire Alarm Station, English Markings (EST3 SIGA-278).....	195.85	56.59
28 46 13 31-0110 EA 12 Glass Rods For SIGA-278 Series (EST3 276-GLR).....	45.45	5.44
28 46 13 31-0111 Detector Bases and Accessories, Signature <small>(28 46 13 31-0057)</small>		
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, and -PHS detectors and -SB, -RB and -IB bases.		
28 46 13 31-0112 EA Audible (Sounder) Base (EST3 SIGA-AB4G).....	131.11	13.61
28 46 13 31-0113 EA Surface Box - For Sounder Base, Use With -AB4G Models Only (EST3 AB4G-SB).....	46.65	13.61
28 46 13 31-0114 EA Audible (Sounder) Base, Mounts To 4" Square, 2-1/8" Deep Box (EST3 SIGA-AB4).....	164.66	13.61
28 46 13 31-0115 EA Detector (Smoke) Guard, Covers Detectors Mounted To Flush Boxes, Compatible With -IPHS And -PS Signature Detectors (EST3 SIGA-DG).....	91.81	13.61
28 46 13 31-0116 EA Detector (Smoke) Guard Surface Box - For SIGA-DG (EST3 SIGA-DGSB).....	107.91	13.61
28 46 13 31-0117 EA Detector Mounting Plate (EST3 SIGA-DMP).....	172.37	13.61
Note: For raised floor and plenum applications. Order detector mounting base and detector separately. Compatible with -PS, -PHS and -IPHS detectors and -SB, -RB and -IB bases. SIGA-IPHS 4D detector is limited to operation in air velocities less than 500 feet per minute.		
28 46 13 31-0118 EA Remote Alarm LED, Use With -SB And -SB4 Standard Base Only (EST3 SIGA-LED).....	59.59	13.61
28 46 13 31-0119 EA Trim Skirt/Ring - For Octagon Box (EST3 SIGA-TS).....	21.28	8.16
28 46 13 31-0120 EA Trim Skirt/Ring - For 4" Square Box, Use To Hide Imperfections Around Electric Boxes Not Completely Hidden By Standard Bases, With All 4" Bases (EST3 SIGA-TS4).....	21.28	8.16
28 46 13 31-0121 EA Detector (Smoke) Guard Mounting Flange, Provides Secure Mounting While Offering Easy Guard Removal, With Tamper Hardware (EST3 SIGA-DGMF).....	64.81	8.16
28 46 13 31-0122 EA Detector Base With Isolator (EST3 SIGA-IB).....	106.29	13.61
28 46 13 31-0123 EA Detector Base With Isolator - For 4" Square Box, With TS4 Skirt (EST3 SIGA-IB4).....	113.19	13.61
28 46 13 31-0124 EA Detector Base With Form 'C' Relay (EST3 SIGA-RB).....	65.23	13.61
28 46 13 31-0125 EA Detector Base With Form 'C' Relay - For 4" Square Box, With TS4 Skirt (EST3 SIGA-RB4).....	94.24	13.61
28 46 13 31-0126 EA Detector Base - Standard, For 4" Square Box, With TS4 Skirt (EST3 SIGA-SB4).....	39.64	13.61
28 46 13 31-0127 Controllers, Signature <small>(28 46 13 31-0057)</small>		
28 46 13 31-0128 EA Signature Dual Driver Controller (EST3 3-SDDC1).....	3,702.23	81.62
28 46 13 31-0129 EA Single Signature Loop Controller (EST3 3-SSDC1).....	2,113.49	81.62
28 46 13 31-0130 EA Signature Loop Controller (EST3 3-SDC1).....	1,896.63	81.62
28 46 13 31-0131 EA Analog Addressable Loop Controller (EST3 3-AADC1).....	3,052.22	81.62
28 46 13 31-0132 Relays And Accessories <small>(28 46 13 31-0057)</small>		
28 46 13 31-0133 EA Multi Voltage Relay (EST3 MR101).....	190.82	27.21
28 46 13 31-0134 EA Single SPDT Auxiliary Relay With LED Track Mounting (EST3 MR101/T).....	55.48	13.61
28 46 13 31-0135 Notification Appliances <small>(28 46 13 31-0002)</small>		
28 46 13 31-0136 Wall Strobes, Horns And Chimes <small>(28 46 13 31-0135)</small>		
28 46 13 31-0137 EA Strobe (15, 30, 75, Or 110 cd Output), White (EST3 G1-VM).....	150.53	40.81
28 46 13 31-0138 EA Strobe (15, 30, 75, Or 110 cd Output), Red (EST3 G1R-VM).....	150.53	40.81
28 46 13 31-0139 EA Horn-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-HDVM).....	172.97	40.81
28 46 13 31-0140 EA Temporal Horn (Selectable High Or Low dB Output), White (EST3 G1-HD).....	125.24	40.81
28 46 13 31-0141 EA Temporal Horn (Selectable High Or Low dB Output), Red (EST3 G1R-HD).....	125.24	40.81

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
28 46	13 31-0142	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-HD)	125.24	40.81
28 46	13 31-0143	EA	Temporal Horn, Hi/Lo dB Output, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-HD)	125.24	40.81
28 46	13 31-0144	EA	Horn (Steady Tone), 24 Volt DC, White, Not Compatible With Signal Master (EST3 G1-P).....	103.99	40.81
28 46	13 31-0145	EA	Horn (Steady Tone) - 24 Volt DC, Red, Not Compatible With Signal Master (EST3 G1R-P).....	103.99	40.81
28 46	13 31-0146	EA	Horn (Steady Tone), 24 Volt DC, Red, With The Word "FIRE" On Housing, Not Compatible With Signal Master (EST3 G1RF-P)	103.99	40.81
28 46	13 31-0147	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), White (EST3 G1-CVM).....	264.58	40.81
28 46	13 31-0148	EA	Genesis Chime-Strobe (15, 30, 75, Or 110 cd Output, High Or Low dB Output), Red (EST3 G1R-CVM).....	264.58	40.81
28 46	13 31-0149	EA	Genesis Chime (Selectable High Or Low dB Output), White (EST3 G1-C)	170.24	40.81
28 46	13 31-0150	EA	Genesis Chime (Selectable High Or Low dB Output), Red (EST3 G1R-C)	170.24	40.81
28 46	13 31-0151	EA	Wall Strobe, 15/75 cd, White, With The Word "FIRE" On Housing (EST3 G1F-V1575).....	150.53	40.81
28 46	13 31-0152	EA	Multi-cd Strobe, 24 Volt DC, White, With The Word "FIRE" On Housing (EST3 G1F-VM)	150.53	40.81
28 46	13 31-0153	EA	Multi-Candela Strobe, 24 Volt DC, Red, With The Word "FIRE" On Housing (EST3 G1RF-VM).....	150.53	40.81
28 46	13 31-0154	EA	Wall Strobe, 15/75 cd, Red, With The Word "FIRE" On Housing (EST3 G1RF-V1575)	150.53	40.81
28 46	13 31-0155	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCF-VM)	156.84	40.81
28 46	13 31-0156	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST3 GCFR-VM).....	156.84	40.81
28 46	13 31-0157	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, FIRE Marking, Mounts To 4" Square x 2-1/8" Box (EST GCF-VMH).....	171.60	40.81
28 46	13 31-0158	EA	Genesis Ceiling Strobe, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VM)	156.84	40.81
28 46	13 31-0159	EA	Genesis Ceiling Strobe, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-VMH).....	156.84	40.81
28 46	13 31-0160	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, White (EST3 G1T-FIRE)	90.18	40.81
28 46	13 31-0161	EA	Genesis Trim Plate (For Two-Gang Or 4" Square Boxes) With "FIRE" Markings, Red (EST3 G1RT-FIRE)	90.18	40.81
28 46 13 31-0162 Wall Speakers And Speaker Strobes (28 46 13 31-0135)					
28 46	13 31-0163	EA	Multi-Wattage 25 VRMS Speaker (EST3 G4-S2)	123.34	40.81
28 46	13 31-0164	EA	Multi-Candela/Wattage 25 VRMS Speaker-Strobe (EST3 G4-S2VM)	194.52	40.81
28 46	13 31-0165	EA	Multi-Wattage 70 VRMS Speaker (EST3 G4-S7)	123.34	40.81
28 46	13 31-0166	EA	Multi-Candela/Wattage 70 VRMS Speaker-Strobe (EST3 G4-S7VM)	194.52	40.81
28 46	13 31-0167	EA	Surface Box, White, For Genesis Speaker (EST3 G4B)	60.88	21.76
28 46	13 31-0168	EA	Surface Box, Red, For Genesis Speaker (EST3 G4RB).....	60.88	21.76
28 46 13 31-0169 Ceiling Speakers And Speaker Strobes (28 46 13 31-0135)					
28 46	13 31-0170	EA	Genesis Ceiling Speaker, 70 VRMS, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7).....	149.15	40.81
28 46	13 31-0171	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 15-95 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VM)	194.52	40.81
28 46	13 31-0172	EA	Genesis Ceiling Speaker/Strobe, 70 VRMS, 95-177 Multi-cd, Mounts To 4" Square x 2-1/8" Box (EST3 GC-S7VMH).....	208.88	40.81
28 46 13 31-0173 Harsh Environment Signals (28 46 13 31-0135)					
28 46	13 31-0174	EA	Temporal Horn, Self-Synchronized, 24 Volt DC (EST3 757-1A-T)	131.48	40.81
28 46	13 31-0175	EA	15/75 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-7A-T)	188.14	40.81
28 46	13 31-0176	EA	110 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-8A-T).....	188.14	40.81
28 46	13 31-0177	EA	15 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-5A-T).....	171.30	40.81
28 46	13 31-0178	EA	15/75 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-7A-T).....	160.10	40.81
28 46	13 31-0179	EA	30 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-3A-T).....	171.30	40.81
28 46	13 31-0180	EA	60 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-6A-T).....	171.30	40.81
28 46	13 31-0181	EA	110 Candela Synchronized, 24 Volt DC, Strobe (EST3 405-8A-T).....	171.30	40.81
28 46	13 31-0182	EA	15/75 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-7A-T).....	189.14	46.25
28 46	13 31-0183	EA	110 Candela Synchronized, 24 Volt DC, Red, Outdoor Listed, Strobe (EST3 CS405-8A-T).....	189.14	46.25
28 46	13 31-0184	EA	15 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-5A-T).....	138.31	40.81
28 46	13 31-0185	EA	30 Candela Temporal Horn/Strobe, 24 Volt DC (EST3 757-3A-T).....	182.76	40.81
28 46 13 31-0186 Fire Alarm Bells (28 46 13 31-0135)					
28 46	13 31-0187	EA	10" Single Stroke Fire Alarm Bells, 24 Volt DC (EST3 323D-10AW).....	203.86	40.81
28 46	13 31-0188	EA	6" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-6AW)	161.54	40.81
28 46	13 31-0189	EA	10" Vibrating Fire Alarm Bells, 24 Volt DC (EST3 439D-10AW).....	179.60	40.81
28 46 13 31-0190 Multiple Tone Signal (28 46 13 31-0135)					
28 46	13 31-0191	EA	27 Tone Selectable Signal, 24 Volt DC (EST3 5530MD-24AW).....	1,351.28	1,310.47
28 46 13 31-0192 Multi-Purpose Loudspeaker (28 46 13 31-0135)					
28 46	13 31-0193	EA	15 Watt Loudspeaker, Gray (EST3 HPSA15G2570).....	271.35	40.81
28 46	13 31-0194	EA	15 Watt Loudspeaker, Red (EST3 HPSA15R2570).....	271.35	40.81
28 46 13 31-0195 Bell/Strobe Plate (28 46 13 31-0135)					
28 46	13 31-0196	EA	Bell/Strobe Plate - 15cd (EST3 403-5A-R).....	137.04	21.76
28 46 13 31-0197 Mounting Accessories (28 46 13 31-0135)					
28 46	13 31-0198	EA	Surface Mount Box - Indoor, Red, 1-Gang (EST3 27193-11)	62.19	21.76
28 46	13 31-0199	EA	One Gang Surface Mount Box, Red, No Bottom KO (EST3 27193-11-NY).....	62.19	21.76
28 46	13 31-0200	EA	Surface Mount Box - Indoor, White, 1-Gang (EST3 27193-16).....	62.19	21.76
28 46	13 31-0201	EA	Surface Mount Box - Indoor, Red, 2-Gang (EST3 27193-21)	62.19	21.76
28 46	13 31-0202	EA	Surface Mount Box - Indoor, White, 2-Gang (EST3 27193-26).....	62.19	21.76

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0203 Firefighters' Telephones (28 46 13 31-0135)						
28 46 13 31-0204	EA			Remote Telephone Warden Station - Flush, Red, 5' Armored Cable, Hinged Door With Magnetic Latch, 4-State (EST3 6830-NY-F4).....	1,204.01	68.02
28 46 13 31-0205	EA			Four State Remote Telephone Warden Station - Surface, Armored Cord (EST3 6830-NY-S4).....	670.03	68.02
28 46 13 31-0206	EA			Remote Telephone Warden Station - Flush, Armored Cord (EST3 6830-NY-F).....	477.73	68.02
28 46 13 31-0207	EA			Telephone Handset Assembly - Red c/w 60" Coiled Cord (EST3 6830-1).....	343.68	68.02
28 46 13 31-0208	EA			Remote Telephone Handset Station - 4-State, Red, 5' Coiled Cord (EST3 6830-4).....	646.10	68.02
28 46 13 31-0209	EA			Three State Telephone Handset Assembly - Red, 60" Coiled Cord, Push To Talk Button (EST3 6830-5A).....	391.52	68.02
28 46 13 31-0210	EA			Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Coiled Cord (EST3 6830-5A-4).....	730.84	68.02
28 46 13 31-0211	EA			Three State Telephone Handset Assembly - Red, 60" Armored Cord, Push To Talk Button (EST3 6830-6A).....	407.47	68.02
28 46 13 31-0212	EA			Remote Telephone Handset Station - 4-State, Red, 'Push To Talk' Button, 5' Armored Cable (EST3 6830-6A-4).....	839.36	68.02
28 46 13 31-0213	EA			Portable Handset Receptacle, 1 Gang Stainless Steel Faceplate (EST3 6833-1).....	88.28	21.76
28 46 13 31-0214	EA			Portable Telephone Receptacle - 1-Gang, SS, 4-State (EST3 6833-4).....	102.16	21.76
28 46 13 31-0215	EA			Portable Telephone Handset - Black, Coiled Cord (EST3 6830-3).....	148.99	
28 46 13 31-0216	EA			Portable Telephone Handset - Red, Coiled Cord (EST3 6700-0061).....	148.99	
28 46 13 31-0217	EA			Frontplate - Flush Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-1).....	221.01	27.21
28 46 13 31-0218	EA			Frontplate - Flush Mount, Red Finish, Non-Break Glass Type With Two Keys (EST3 6831-2).....	276.26	27.21
28 46 13 31-0219	EA			Frontplate - Surface Mount, Red Finish, Break Glass Type, With Two Keys (EST3 6831-3).....	193.38	27.21
28 46 13 31-0220	EA			Frontplate - Surface Mount, Red Finish, Non-Break Glass Type, With Two Keys (EST3 6831-4).....	185.25	27.21
28 46 13 31-0221	EA			Wallbox - Flush Or Surface Mount, Red Finish, 14" x 8-1/2" x 3-1/2" (EST3 6832-1).....	132.10	40.81
28 46 13 31-0222	EA			Portable Handset Storage Cabinet, Surface Mount, With Keylock, Red Finish (EST3 TCS-6).....	1,246.57	54.41
28 46 13 31-0223 Mass Notification EC Appliances (28 46 13 31-0135)						
28 46 13 31-0224	EA			G1 Wall, Strobe, White Housing, Alert Markings, Amber Lens (EST3 G1WA-VMA).....	156.89	40.81
28 46 13 31-0225	EA			G1 Wall, Strobe, White Housing, Alert Markings, Clear Lens (EST3 G1WA-VMC).....	151.15	40.81
28 46 13 31-0226	EA			G1 Wall, Strobe, White Housing, No Markings, Amber Lens (EST3 G1WN-VMA).....	156.89	40.81
28 46 13 31-0227	EA			G1 Wall, Strobe, White Housing, No Markings, Clear Lens (EST3 G1WN-VMC).....	151.15	40.81
28 46 13 31-0228	EA			G1 Wall, White Trim Ring, Alert Marking (EST3 G1WT-ALERT).....	23.18	8.16
28 46 13 31-0229 Hazardous Location Devices (28 46 13 31-0002)						
28 46 13 31-0230 Detectors, Rate Compensation Heat, For Explosion/Weather/Moisture Proof And Ordinary Location (28 46 13 31-0229)						
28 46 13 31-0231	EA			Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 135 Degree F (EST3 302-135).....	140.20	40.81
28 46 13 31-0232	EA			Heat Detector, Rate Compensation, Interior Vertical Surface Mount FM And UL, 194 Degree F (EST3 302-194).....	140.20	40.81
28 46 13 31-0233	EA			Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 135 Degree F (EST3 302-AW-135).....	146.51	40.81
28 46 13 31-0234	EA			Heat Detector - Rate Compensation, All-Weather Vertical Mounting, FM And UL, 194 Degree F (EST3 302-AW-194).....	146.51	40.81
28 46 13 31-0235	EA			Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 135 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-135).....	204.86	40.81
28 46 13 31-0236	EA			Heat Detector, Rate Compensation, Explosion Proof Mounting, Interior Vertical Surface Mount FM And UL, 194 Degree F, Requires JALX-11 Or Equal (EST3 302-EPM-194).....	204.86	40.81
28 46 13 31-0237	EA			Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 135 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-135).....	146.51	40.81
28 46 13 31-0238	EA			Heat Detector, Rate Compensation, All-Weather Vertical, Box Mount (1/2" NPT), FM And UL, 194 Degree F, Requires STONCO27 Or Equal (EST3 302-ET-194).....	146.51	40.81
28 46 13 31-0239 Hazardous Locations Fire Alarm Station (28 46 13 31-0229)						
28 46 13 31-0240	EA			Hazardous Location Fire Alarm Station (EST3 XAL53).....	1,276.40	68.02
28 46 13 31-0241	EA			Explosion Proof, Weatherproof, Fire Alarm Station, Single Action, Cat 45 Key Reset, Terminal Connections, DPDT (EST3 MPSR1-D45WX-GE).....	1,214.45	68.02
28 46 13 31-0242 Hazardous Location Strobes (28 46 13 31-0229)						
28 46 13 31-0243	EA			Explosion Proof Strobe (EST3 116DEXSTC-FJ).....	1,909.92	40.81
28 46 13 31-0244	EA			Wall Bracket Mounting Elbow (EST3 116EX-B).....	355.19	13.61
28 46 13 31-0245	EA			Ceiling / Wall Mounting Module (EST3 116EX-C).....	464.99	16.32
28 46 13 31-0246	EA			Pendant Mounting Module (EST3 116EX-P).....	340.30	16.32
28 46 13 31-0247 Hazardous Location Bells (28 46 13 31-0229)						
28 46 13 31-0248	EA			6" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-6AW).....	1,375.83	40.81
28 46 13 31-0249	EA			8" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-8AW).....	1,411.70	40.81
28 46 13 31-0250	EA			10" Hazardous Location Bells, 24 Volt DC (EST3 439DEX-10AW).....	1,424.62	40.81
28 46 13 31-0251 Hazardous Location Horns (28 46 13 31-0229)						
28 46 13 31-0252	EA			Hazardous Location Horns (EST3 888D-N5).....	1,344.92	40.81
28 46 13 31-0253	EA			Explosion Proof Horn, Diode Polarized, 24 Volt DC (EST3 889D-AW).....	1,096.73	40.81
28 46 13 31-0254 Door Holders And Relays (28 46 13 31-0002)						
28 46 13 31-0255 Electromagnetic Door Holders (28 46 13 31-0254)						
28 46 13 31-0256	EA			24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Single, Floor Mount (EST3 1501-AQN5).....	233.41	40.81
28 46 13 31-0257	EA			24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Double, Floor Mount (EST3 1502-AQN5).....	305.40	40.81
28 46 13 31-0258	EA			24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount (EST3 1504-AQN5).....	196.65	40.81

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0259	EA		24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Flush, Wall Mount, Short Catch Plate (EST3 1505-AQN5)	196.65	40.81
28 46 13 31-0260	EA		24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Surface, Wall Mount (EST3 1508-AQN5).....	199.98	40.81
28 46 13 31-0261	EA		24 Volt AC / 24 Volt DC / 120 Volt AC, Door Holder, Completely Flush, Wall Mount (EST3 1509-AQN5).....	203.15	40.81
28 46 13 31-0262			Control Relays, Multi-Voltage (28 46 13 31-0254)		
28 46 13 31-0263	EA		Single SPDT With LED, Adhesive Tape Mounting (EST3 PAM1).....	47.21	8.16
28 46 13 31-0264			FireShield Plus (28 46 13 31-0002)		
28 46 13 31-0265			3 Zone System (28 46 13 31-0264)		
28 46 13 31-0266	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302R)	1,240.98	326.48
28 46 13 31-0267	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302RD)	1,817.18	435.30
28 46 13 31-0268	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP302G)	1,240.98	326.48
28 46 13 31-0269	EA		Conventional Fire Alarm Control Panel, 3 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP302GD)	1,817.18	435.30
28 46 13 31-0270	EA		Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	89.24	13.61
28 46 13 31-0271	EA		Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	89.24	13.61
28 46 13 31-0272			5 Zone System (28 46 13 31-0264)		
28 46 13 31-0273	EA		Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502R)	1,341.37	326.48
28 46 13 31-0274	EA		Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502RD)	1,911.84	435.30
28 46 13 31-0275	EA		Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries (EST3 FSP502G)	1,341.37	326.48
28 46 13 31-0276	EA		Conventional Fire Alarm Control Panel, 5 Class B IDC Zones, 2 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 10 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP502GD)	1,911.84	435.30
28 46 13 31-0277	EA		Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Gray (EST3 F-TRIM35G).....	89.24	13.61
28 46 13 31-0278	EA		Semi Flush Trim Kit For 3 Or 5 Zone Enclosures, Red (EST3 F-TRIM35R).....	89.24	13.61
28 46 13 31-0279			10 Zone System (28 46 13 31-0264)		
28 46 13 31-0280	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004R)	1,946.26	435.30
28 46 13 31-0281	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Red Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004RD)	2,522.46	544.13
28 46 13 31-0282	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries (EST3 FSP1004G)	1,903.24	435.30
28 46 13 31-0283	EA		Conventional Fire Alarm Control Panel, 10 Class B IDC Zones, 4 Class B NAC's, 3.5 Amperes NAC Power, Gray Enclosure, 120 Volt AC, Capacity For (2) 17 Amp Hours Batteries, With Upload/Download DACT (EST3 FSP1004GD)	2,522.46	544.13
28 46 13 31-0284	EA		Semi Flush Trim Kit For 10 Zone Enclosures, Gray (EST3 F-TRIM10G).....	104.77	13.61
28 46 13 31-0285	EA		NAC Power Expansion Transformer, 120 Volt AC, Increases 10 Zone FACP NAC (EST3 F-XTR120)	190.99	27.21
28 46 13 31-0286			FireShield Plus Off Premise Communication Options (28 46 13 31-0264)		
28 46 13 31-0287	EA		F-Series Upload/Download DACT And Modem, Dual Line, With 2x16 LCD (EST3 F-DACT).....	427.30	27.21
28 46 13 31-0288			FireShield Plus Remote LED Annunciators (28 46 13 31-0264)		
28 46 13 31-0289	EA		Remote System Indicator, Power, Alarm, Supervisory, Trouble And Ground Fault LED's With Local Buzzer, Single Gang, And White Trim Plate (EST3 FSRSI)	174.69	40.81
28 46 13 31-0290	EA		Remote Zone Indicator, Contains 5 Red LED's For Alarm Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-A)	174.69	40.81
28 46 13 31-0291	EA		Remote Zone Indicator, Contains 5 Bi-Color LED's (Red/Yellow) For Alarm Or Supervisory Zone Indication, With Jumper Selectable Zone Settings, Single Gang, And White Trim Plate (EST3 FSRZI-SA)	182.01	40.81
28 46 13 31-0292	EA		Remote Annunciator Trim Plate - 2 Gang - White (EST3 FSAT2)	34.98	8.16
28 46 13 31-0293	EA		Remote Annunciator Trim Plate - 3 Gang - White (EST3 FSAT3)	44.34	8.16
28 46 13 31-0294	EA		Remote Annunciator Trim Plate - 4 Gang - White (EST3 FSAT4)	66.83	8.16
28 46 13 31-0295			FireShield Plus Remote 10 Zone LED Annunciators (28 46 13 31-0264)		
28 46 13 31-0296	EA		Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSR10).....	569.24	40.81
28 46 13 31-0297	EA		Remote LED Annunciator, With Common System Indicators, 10 Zone Indicators And Common Control Switches, White Housing, Mounts To 4" Electrical Box, For Use With 10 Zone Panels Only (EST3 FSR10C)	626.61	40.81
28 46 13 31-0298	EA		Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Gray (EST3 RA-ENC1).....	197.83	27.21
28 46 13 31-0299			FireShield Plus Remote Relays And Interfaces (28 46 13 31-0264)		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0300	EA		Remote Relay Module, 5 Form C Contacts, Jumper Selectable Operation, With Mounting Track (EST3 FSRRM24).....	209.53	27.21
28 46 13 31-0301	EA		11" Snap Track Holds 2-4 RRM's, Used To Mount FSRRMs In MFC-A Or Other Listed Enclosure, MFC-A Will Hold Two FSRRM-11S (EST3 FSRRM-S11).....	85.50	16.32
28 46 13 31-0302	EA		Common Function Graphic Driver/Interface - 9 Relays And 5 Switch Inputs For Common System Indicators And Controls (EST3 FSUIM).....	338.38	27.21
28 46 13 31-0303			FireShield Plus Accessories (28 46 13 31-0264)		
28 46 13 31-0304	EA		Resistor Kit With 1-3.6K And 1-1.1K (46071-0409) (EST3 EOL3.6-1.1).....	19.13	
28 46 13 31-0305	EA		4.7k UL End Of Line Resistor With Fireshield Panels (EST3 EOL47PK7).....	11.28	
28 46 13 31-0306			iO Series Fire Control Panels (28 46 13 31-0002)		
28 46 13 31-0307			Intelligent Analog Control Panels (28 46 13 31-0306)		
28 46 13 31-0308	EA		FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18a/h Batteries, English (EST3 iO500G).....	3,691.03	544.13
28 46 13 31-0309	EA		FACP, 1 Intelligent Loop Supporting 125 Detectors/125 Modules, 2nd Loop Optional, 4 Class B NAC's, 6.5 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 18 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO500GD).....	3,969.26	544.13
28 46 13 31-0310	EA		FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, English (EST3 iO64G).....	2,945.95	435.30
28 46 13 31-0311	EA		FACP, 1 Loop, 64 Intelligent Devices Max, 2 Class B NAC's, 4.25 Amperes Power Supply, Gray Door, 115 Volt AC, Capacity For Up (2) 10 Amp/hour Batteries, With Dual Line Dialer/Modem, English (EST3 iO64GD).....	3,075.02	435.30
28 46 13 31-0312			Option Modules And Accessories For iO Series (28 46 13 31-0306)		
28 46 13 31-0313	EA		16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Left Side Mounting, Zones 1-16 (EST3 D16L-iO-1).....	368.46	40.81
28 46 13 31-0314	EA		16 Zone LED Annunciator, 2 LED's Per Zone, Customizable Insert Labels, Right Side Mounting, Zones 17-32, Requires D16L-iO-1 (EST3 D16L-iO-2).....	225.04	40.81
28 46 13 31-0315	EA		Serial Interface, RS232, 4 Terminal Connections For Supervised/Unsupervised Printers And Connection To PC's (EST3 SA-232).....	225.04	40.81
28 46 13 31-0316	EA		Class A NAC Module, For 64 Point Systems Only, Mounts To Main Board (EST3 SA-CLA).....	197.83	27.21
28 46 13 31-0317	EA		Dialer/Modem, Two Telephone Line Connections, RJ31, Mounts To Base Plate (EST3 SA-DACT).....	416.42	21.76
28 46 13 31-0318	EA		Ethernet Port Interface, RJ45, Mounts To Base Plate (EST3 SA-ETH).....	760.62	21.76
28 46 13 31-0319	EA		Trim Kit For Semi-Flush Mounting 64 Point Systems (EST3 SA-TRIM1).....	87.45	13.61
28 46 13 31-0320	EA		Trim Kit For Semi-Flush Mounting 500 Point Systems (EST3 SA-TRIM2).....	101.79	13.61
28 46 13 31-0321	EA		Expansion Loop For iO500 Systems, 125 Detectors/125 Modules, Mounts On Main Board (EST3 XAL250).....	1,399.60	54.41
28 46 13 31-0322			Remote Annunciators For iO Series (28 46 13 31-0306)		
28 46 13 31-0323	EA		Remote Annunciator, 80 Character LCD, Common System Indicators, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD).....	762.85	40.81
28 46 13 31-0324	EA		Remote Annunciator, 80 Character LCD, Common System Indicators And Controls, Beige Housing, Mounts To 4" Box With Supplied Ring (EST3 RLCD-C).....	798.71	40.81
28 46 13 31-0325			Remote Annunciator Accessories (28 46 13 31-0306)		
28 46 13 31-0326	EA		24 Expander Cable Assembly, With Cable And Hardware (EST3 730073).....	84.58	13.61
28 46 13 31-0327	EA		12 Expander Cable (Cable Only) (EST3 7120313-01).....	55.89	13.61
28 46 13 31-0328	EA		24 Expander Cable (Cable Only) (EST3 7120313-02).....	77.40	13.61
28 46 13 31-0329	EA		Single Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC1).....	225.04	40.81
28 46 13 31-0330	EA		Dual Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC2).....	260.88	40.81
28 46 13 31-0331	EA		Three Unit Remote Annunciator Enclosure, 4" Box Mount, Key Locked Door, Plexiglas Window, Beige (EST3 RA-ENC3).....	296.75	40.81
28 46 13 31-0332	EA		Blank Zone Card Insert For RLEDx Controllers (EST3 RA-LED16ZC).....	55.89	13.61
28 46 13 31-0333	EA		Blank Zone Card Insert For RLED24x Controllers (EST3 RA-LED24ZC).....	55.89	13.61
28 46 13 31-0334	EA		Remote Key Switch, Single Gang Mount, Provides Keyed Control To Enable/Disable Common Control Switches On Remote Annunciators (EST3 RKEY).....	118.56	13.61
28 46 13 31-0335			System Accessories (28 46 13 31-0306)		
28 46 13 31-0336	EA		Battery Cabinet, 14" x 18.25" x 7.25" Free Standing Cabinet With Key Lock, Supports Up To 40 Amp Hours Batteries, Will Hold Up To Two 12 Volt DC, 24 Ampere Batteries (EST3 BC-1).....	418.89	54.41
28 46 13 31-0337	EA		Isolator Module - RS232, For Use With Short Haul Modems, VDU-3, CCA Series, CGP Series And FCOM-232, Requires 1/2 Size Cabinet Footprint (EST3 IOP3A).....	1,849.31	435.30
28 46 13 31-0338			Conventional Initiating Devices (28 46 13 31-0002)		
28 46 13 31-0339			Detectors, Heat, Double Pole (28 46 13 31-0338)		
			Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46 13 31-0340	EA		Heat Detector, 135 Degree F Fixed Temperature (CF135-2).....	158.91	40.81
28 46 13 31-0341	EA		Heat Detector, 200 Degree F Fixed Temperature (CF200-2).....	158.91	40.81
28 46 13 31-0342	EA		Heat Detector, 135 Degree F ROR/Fixed Temperature (CR135-2).....	158.91	40.81
28 46 13 31-0343	EA		Heat Detector, 200 Degree F ROR/Fixed Temperature (CR200-2).....	158.91	40.81
28 46 13 31-0344			Detectors, Rate Compensation Heat, Accessories (28 46 13 31-0338)		

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-0345	EA	Heat Detector, Rate Compensation, Adapter Plate For Mounting 302 And 302-AW To Any 3 Outlet Box Or 4" Octagon Outlet Box (GE AP-P)	94.66	40.81
28 46	13 31-0346	EA	Explosion Proof Outlet Body With Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE JALX11).....	277.98	21.76
28 46	13 31-0347	EA	4" Weatherproof, Octagon Backbox And Cover, 1/2" Threaded Hubs On Back, Four Sides And Cover (GE STONCO27).....	82.36	27.21
28 46	13 31-0348		Detectors, Heat, Fire-Lite (28 46 13 31-0338) Note: WARNING, Heat detectors are not Life Safety Devices, use for property protection only.		
28 46	13 31-0349	EA	Explosion Heat Detector, 135 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-135)	147.87	40.81
28 46	13 31-0350	EA	Explosion Heat Detector, 194 Degree F Fixed Temperature, Rate-Anticipation Heat Detector, All-Weather Vertical Mounting (302-EPM-194)	147.87	40.81
28 46	13 31-0351		Audio Notification Systems (Standalone Voice Evacuation) (28 46 13 31-0002)		
28 46	13 31-0352		Audio Notification Panels (28 46 13 31-0351)		
28 46	13 31-0353	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS100MDG).....	5,347.81	544.13
28 46	13 31-0354	EA	Audio Notification Panel, 100 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS100MDR)	5,347.81	544.13
28 46	13 31-0355	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS25MDG)	3,956.65	544.13
28 46	13 31-0356	EA	Audio Notification Panel, 25 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS25MDR)	3,956.65	544.13
28 46	13 31-0357	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Gray Cabinet (GE ANS50MDG).....	4,645.05	544.13
28 46	13 31-0358	EA	Audio Notification Panel, 50 Watt Amplifier, DMR, Temporal Pattern, Power Supply And Battery Charger, Standard Message, Microphone, And 14.5" x 18" x 4" Red Cabinet (GE ANS50MDR)	4,645.05	544.13
28 46	13 31-0359		Audio Notification Expander Panels (28 46 13 31-0351)		
28 46	13 31-0360	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS100XG)	4,071.38	544.13
28 46	13 31-0361	EA	Audio Expander Panel, 100W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS100XR).....	4,071.38	544.13
28 46	13 31-0362	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS25XG)	2,723.24	544.13
28 46	13 31-0363	EA	Audio Expander Panel, 25 Watt Without DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS25XR).....	2,723.24	544.13
28 46	13 31-0364	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Gray Cabinet (GE ANS50XG)	3,512.05	544.13
28 46	13 31-0365	EA	Audio Expander Panel, 50W With Out DMR Or Microphone, Power Supply And Battery Charger, 14.5" x 18" x 4" Red Cabinet (GE ANS50XR).....	3,512.05	544.13
28 46	13 31-0366		Audio Notification Output Accessories (28 46 13 31-0351)		
28 46	13 31-0367	EA	Zone Adapter, 1 Circuit To 2 Circuits (GE ANSZC2B)	156.29	13.61
28 46	13 31-0368	EA	Zone Splitter, 2 Class A Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS2A).....	699.79	27.21
28 46	13 31-0369	EA	Zone Splitter, 4 Class B Circuits With Zone Selection Switches And All-Call Switch (GE ANSZS4B).....	699.79	27.21
28 46	13 31-0370	EA	Class A Converter (GE ANSZSC4A)	499.01	27.21
28 46	13 31-0371		Audio Notification Remote Microphone (28 46 13 31-0351)		
28 46	13 31-0372	EA	Microphone (GE ANSMIKE)	183.49	27.21
28 46	13 31-0373	EA	Remote Microphone, Supervised In Surface/Semi-Flush Gray Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMG).....	771.50	27.21
28 46	13 31-0374	EA	Remote Microphone, Supervised In Surface/Semi-Flush Red Cabinet, Requires EVX-SC Card In Evacuation Panel (GE ANSREMR).....	771.50	27.21
28 46	13 31-0375	EA	Remote Microphone Supervisory Card, One Per System, Supervises Up To 5 Remote Microphones (GE ANSREMSUP).....	170.63	13.61
28 46	13 31-0376	EA	Relay Card For Supervision/Zone Splitter To Remote Microphone (GE ANSZSR)	91.74	13.61
28 46	13 31-0377		Audio Notification Accessories (28 46 13 31-0351)		
28 46	13 31-0378	EA	Audio Matching - Line Input/Output Card (GE ANSAUX).....	312.56	27.21
28 46	13 31-0379	EA	Class B Backup Amplifier Switching Module (GE ANSBKUP).....	312.56	27.21
28 46	13 31-0380	EA	Class A Backup Amplifier Switching Module (GE ANSBKUPA).....	312.56	27.21
28 46	13 31-0381	EA	Eight Input Remote Serial Interface Module, Accepts Dry Contact Interface To Control Up To 8 Messages, Message Recording Included With Module, For Industrial Signaling Only, Not UL Listed For Fire Alarm / Life Safety Applications (GE ANSRIS8)	699.79	27.21
28 46	13 31-0382		Audio Notification Modules, Without Cabinet And Transformer (28 46 13 31-0351)		
28 46	13 31-0383	EA	100W Expander Module (No Microphone OR DMR), Requires Transformer Ordered Separately (GE ANS100A)	2,561.29	54.41
28 46	13 31-0384	EA	100W Expander Module With Microphone (No DMR), Requires Transformer Ordered Separately (GE ANS100AM).....	2,690.37	54.41
28 46	13 31-0385	EA	100W Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS100AMD).....	3,722.98	54.41

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0386 EA 25 Watt Expander Module (No Microphone Or DMR), Requires Transformer Ordered Separately (GE ANS25A) Note: Excludes cabinet.	1,399.60	54.41
28 46 13 31-0387 EA 25 Watt Expander Module With Microphone (No DMR), Requires Transformer (GE ANS25AM) Note: Excludes cabinet.	1,399.60	54.41
28 46 13 31-0388 EA 25 Watt Audio Notification Module With DMR And Microphone, Requires Transformer Ordered Separately (GE ANS25AMD).....	2,561.29	54.41
28 46 13 31-0389 EA 50W Expander Module (No Microphone Or DMR) (GE ANS50A) Note: Excludes cabinet.	2,044.98	54.41
28 46 13 31-0390 EA 50W Expander Module With Microphone (No DMR) (GE ANS50AM) Note: Excludes cabinet.	2,174.06	54.41
28 46 13 31-0391 EA 50W Audio Notification Module With DMR And Microphone (GE ANS50AMD)..... Note: Excludes cabinet.	3,206.67	54.41
28 46 13 31-0392 EA Power Transformer, Open Frame, 28 Volt AC At 180 VA (EVAX 50/100) (GE ANST28180).....	156.29	13.61
28 46 13 31-0393 EA Power Transformer, Open Frame, 28 Volt AC At 100 VA (EVAX 25) (GE ANST2885).....	114.75	13.61
28 46 13 31-0394 Simplex Fire Alarm <small>(28 46 13 31)</small>		
28 46 13 31-0395 4100 Fire Alarm Control Panel <small>(28 46 13 31-0394)</small>		
28 46 13 31-0396 EA 4100U Master Controller Assembly With LCD And Operator Interface, 9 Amperes System Power Supply/Battery Charger (SPS), 250 Point IDNet Interface, 3 NACs, Auxiliary Relay And External RUI Communications Interface, 120 Volt AC Input (Simplex 4100-9111)	6,520.54	543.14
28 46 13 31-0397 EA 4100ES NDU With Master Controller, LCD And Operator Interface, Network Interface Module (Select Media Card Separately), 9 Amperes System Power Supply/Battery Charger, And External RUI Communications Interface (Power Supply/Battery Charger Is An SPS With Its IDNet Channel And NACs Disabled), 120 Volt AC Input (Simplex 4100-9141)	7,143.38	543.14
28 46 13 31-0398 EA 4100ES NDU With VCC Includes The First Bay Equipment Described For The NDU And A Second Bay Assembly With Separate: Master Controller For Voice Functions, Network Interface (Select Media Card Separately), And A Standard SPS With 250 Point IDNet Channel; And 3, 3 A Class A/B NACs Capable Of SmartSync Two-Wire Operation, 120 V Input (Simplex 4100-9142)	10,405.51	543.14
28 46 13 31-0399 EA Up To 127 Points, IDNet Module, (Simplex 4100-3104)..... Note: Add-on module.	4,072.91	543.14
28 46 13 31-0400 EA Up To 64 Points, IDNet Module, (Simplex 4100-3105)..... Note: Add-on module.	3,123.04	543.14
28 46 13 31-0401 EA Expansion Power Supply, 3 NACs, 120 Volt AC (Simplex 4100-5101)	2,135.60	135.78
28 46 13 31-0402 EA Alarm Relay, 3 Form C Relays, 2 Amperes At 32 Volt DC, For SPS Or RPS (Simplex 4100-6033)	447.08	27.16
28 46 13 31-0403 EA Dual Port RS-232 Interface Card (Simplex 4100-6038)..... Note: Add-on module.	1,297.01	27.16
28 46 13 31-0404 4100U Backbox <small>(28 46 13 31-0394)</small>		
28 46 13 31-0405 EA 2 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9425)..... Note: 24" x 40" beige backbox.	2,232.58	108.63
28 46 13 31-0406 EA 3 Bay Backbox With Glass Door And Dress Panel (Simplex 2975-9443)..... Note: 24" x 56" beige backbox.	3,156.69	108.63
28 46 13 31-0407 DACT (Digital Alarm Communicator Transmitter) <small>(28 46 13 31-0394)</small>		
28 46 13 31-0408 EA 6 Zone Fire Control Communicator (Silent Knight SK-5104).....	1,223.83	54.31
28 46 13 31-0409 4010 Fire Alarm Control Panel <small>(28 46 13 31-0394)</small>		
28 46 13 31-0410 EA 120 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, External N2 Communications Interface, And Internal Common Event Reporting DACT (Simplex 4010-9101).....	6,138.82	543.14
28 46 13 31-0411 EA 240 Volt AC Fire Alarm Control Panel With Door, Cabinet, Power Supply/Battery Charger, IDNet Interface, 4 NACs, 2 Programmable Auxiliary Relays, And External N2 Communications Interface (Simplex 4010-9201).....	5,949.36	543.14
28 46 13 31-0412 EA Dual Circuit Class A NAC Adapter Module (Simplex 4010-9806).....	226.30	27.16
28 46 13 31-0413 EA Dual RS-232 Interface Module Expansion Slot Option (Simplex 4010-9811).....	1,008.62	27.16
28 46 13 31-0414 EA Single RS-232 Interface Module With Service Modem Connection Expansion Slot Option (Simplex 4010-9812)	1,389.67	27.16
28 46 13 31-0415 EA 120 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9813)	710.20	27.16
28 46 13 31-0416 EA 240 Volt AC, 4 Amperes, Expansion Power Supply Expansion Module (Simplex 4010-9823)	769.19	27.16
28 46 13 31-0417 EA Battery Meter Module Expansion Module (Simplex 4010-9820).....	283.61	27.16
28 46 13 31-0418 Printer <small>(28 46 13 31-0394)</small>		
28 46 13 31-0419 EA 24 Pin Dot Matrix Printer (Simplex 4190-9013).....	2,242.93	27.16
28 46 13 31-0420 NAC Panel / Power Booster <small>(28 46 13 31-0394)</small>		
28 46 13 31-0421 EA 120 Volt AC, IDNet NAC Extender With 4, Class B (Style Y) NACs And 8 Amperes Power Supply (Simplex 4009-9201)..... Note: Power supply for horns and strobes.	1,415.98	135.78
28 46 13 31-0422 Battery <small>(28 46 13 31-0394)</small>		
28 46 13 31-0423 EA 50 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9296)..... Note: Two required for 24 volt DC.	902.29	27.16
28 46 13 31-0424 EA 33 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9276)..... Note: Two required for 24 volt DC.	596.71	27.16

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 46 13 31-0425	EA	6.2 Ampere Hours Sealed Lead Acid Battery (Simplex 2081-9272) Note: Two required for 24 volt DC.	209.65		27.16
28 46 13 31-0426		Interface Modules (28 46 13 31-0394)			
28 46 13 31-0427	EA	Supervised Individual Addressable Modules (Simplex 4090-9001) Note: Monitor modules for waterflow / tamper, etc.	167.66		27.16
28 46 13 31-0428	EA	Relay Individual Addressable Modules (Simplex 4090-9002) Note: Control modules for gas shutdown, door holders, etc.	356.28		27.16
28 46 13 31-0429	EA	Relay SPDT With LED MR-801/T (Simplex 2088-9032) Note: Interface relay for 120VAC	78.79		27.16
28 46 13 31-0430	EA	SmartSync™ Adapter Module For Non-Addressable Notification Appliance Circuits (NACs) (Simplex 4905-9815)	169.74		27.16
28 46 13 31-0431	EA	Surface Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9817).....	75.08		13.58
28 46 13 31-0432	EA	Flush Mount Cover Plate For SmartSync Adapter Module (Simplex 4905-9818)	71.09		13.58
28 46 13 31-0433		Pull Stations (28 46 13 31-0394)			
28 46 13 31-0434	EA	Addressable Single Action Manual Pull Station (Simplex 4099-9001)	208.12		27.16
28 46 13 31-0435	EA	N.O. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9101)	146.18		27.16
28 46 13 31-0436	EA	N.C. Contacts, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9102)	158.15		27.16
28 46 13 31-0437	EA	Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9103)	140.78		27.16
28 46 13 31-0438	EA	N.O. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9104)	166.15		27.16
28 46 13 31-0439	EA	N.C. Contacts, Break-Glass, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9105)	257.28		27.16
28 46 13 31-0440	EA	Single Action, Pre-Signal, N.O. Contacts, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9107)	214.06		27.16
28 46 13 31-0441	EA	Break-Glass, Pre-Signal, N.O. Contacts, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9108)	254.00		27.16
28 46 13 31-0442	EA	Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9754)	112.89		27.16
28 46 13 31-0443	EA	Local Alarm Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9755).....	120.20		27.16
28 46 13 31-0444	EA	Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9756).....	143.74		27.16
28 46 13 31-0445	EA	N.C. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9758).....	229.29		27.16
28 46 13 31-0446	EA	Pre-Signal, N.O. Contacts, Push, Double Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9759)	404.24		27.16
28 46 13 31-0447	EA	Institutional Cover, Single Action, Non-Coded, Non-Addressable Manual Pull Stations (Simplex 2099-9762).....	126.21		27.16
28 46 13 31-0448	EA	Surface Mount Steel Box For Manual Pull Station (Simplex 2975-9178).....	79.09		13.58
28 46 13 31-0449		Weatherproof Pull Stations (28 46 13 31-0394)			
28 46 13 31-0450	EA	Weather Proof Single Action Pull Station, Cast Metal, B Lock, SPST (Simplex 2099-9138)	201.00		32.59
28 46 13 31-0451	EA	Surface Mount Cast Aluminum Box For Exterior Pull Station (Simplex 2975-9211)	132.15		13.58
28 46 13 31-0452		Heat / Smoke Sensor (28 46 13 31-0394)			
28 46 13 31-0453	EA	32 To 122 Degree F Heat Sensor (Simplex 4098-9733).....	199.12		40.74
28 46 13 31-0454	EA	Photoelectric Smoke Sensor (Simplex 4098-9714)	297.16		40.74
28 46 13 31-0455	EA	Sensor Base With Relay Driver (Simplex 4098-9791)	604.21		13.58
28 46 13 31-0456	EA	Standard Sensor Base (Simplex 4098-9792).....	304.50		13.58
28 46 13 31-0457	EA	Remote Supervised Relay Accessory For Sensor Base With Relay Driver (Simplex 2098-9737)	168.39		27.16
		Note: Relay for 4098-9791			
28 46 13 31-0458		Explosion Proof Heat Detector (28 46 13 31-0394)			
28 46 13 31-0459	EA	135 Degree F Explosion Proof Heat Detector (Simplex 2098-9488).....	211.66		40.74
28 46 13 31-0460	EA	Explosion Proof Backbox (Killark JLX-21).....	143.01		13.58
28 46 13 31-0461	EA	Explosion Proof Backbox Plugs (Killark CUP-2)	12.51		2.72
28 46 13 31-0462		Weatherproof Heat Detector (28 46 13 31-0394)			
28 46 13 31-0463	EA	194 Degree F Fixed Hardwired Weatherproof Heat Detector (Simplex 2098-9490).....	148.66		40.74
28 46 13 31-0464		200 Degree F Heat Detector (28 46 13 31-0394)			
28 46 13 31-0465	EA	194 Degree F Heat Detector, ROR/Fixed Temperature (Simplex 5604)..... Note: Used in kiln rooms and kitchens.	120.51		40.74
28 46 13 31-0466		Duct Smoke Sensor (28 46 13 31-0394)			
28 46 13 31-0467	EA	Duct Sensor Housing (Simplex 4098-9755).....	484.45		21.72
28 46 13 31-0468	EA	Duct Sensor Housing With Supervised Output For Multiple Remote Relays, 4-Wire (Simplex 4098-9756)	645.89		48.88
		Note: Relay output for AHU shutdown.			
28 46 13 31-0469	EA	46" To 71" Duct Sampling Tube (Simplex 2098-9798)..... Note: 25", 49", 73" or 97" sampling tube length.	68.82		13.58
28 46 13 31-0470	EA	Remote Duct Test Station With Key Switch And Red LED Status Indicator (Simplex 2098-9806)	160.55		40.74
28 46 13 31-0471		Interior Horn (28 46 13 31-0394)			
28 46 13 31-0472	EA	Red With White FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9850).....	147.45		40.74
28 46 13 31-0473	EA	White With Red FIRE Lettering, TrueAlert Addressable Electronic Horn (Simplex 4901-9853).....	147.45		40.74

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0474	Interior Horn Strobe <small>(28 46 13 31-0394)</small>			
28 46 13 31-0475	EA 75Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9426)	209.75	40.74	
28 46 13 31-0476	EA 110Cd, Wall Mounted Horn Strobe, Red (Simplex 4903-9427)	209.75	40.74	
28 46 13 31-0477	EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9127)	195.53	40.74	
28 46 13 31-0478	EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9128)	195.53	40.74	
28 46 13 31-0479	EA Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9129)	195.53	40.74	
28 46 13 31-0480	EA Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9130)	195.53	40.74	
28 46 13 31-0481	EA Weatherproof, Red Housing, White Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9131)	200.30	40.74	
28 46 13 31-0482	EA Weatherproof, White Housing, Red Lettering, Horn And Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9132)	200.30	40.74	
28 46 13 31-0483	EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9139)	208.68	40.74	
28 46 13 31-0484	EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9140)	204.81	40.74	
28 46 13 31-0485	EA Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9141)	208.68	40.74	
28 46 13 31-0486	EA Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9142)	204.81	40.74	
28 46 13 31-0487	EA Wall Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9227)	195.53	40.74	
28 46 13 31-0488	EA Ceiling Mount, Red Housing, White Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9228)	195.53	40.74	
28 46 13 31-0489	EA Wall Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9229)	195.53	40.74	
28 46 13 31-0490	EA Ceiling Mount, White Housing, Red Lettering, Horn And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9230)	195.53	40.74	
28 46 13 31-0491	Interior Strobe <small>(28 46 13 31-0394)</small>			
28 46 13 31-0492	EA Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9101)	165.34	40.74	
28 46 13 31-0493	EA Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9102)	165.34	40.74	
28 46 13 31-0494	EA Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9103)	165.27	40.74	
28 46 13 31-0495	EA Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9104)	165.34	40.74	
28 46 13 31-0496	EA Weatherproof, Red Housing, White Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9105)	183.39	40.74	
28 46 13 31-0497	EA Weatherproof, White Housing, Red Lettering, Intensity Selectable (15, 60 Or 75 Candela) Multi-Candela Strobe (Simplex 4906-9106)	183.39	40.74	
28 46 13 31-0498	EA Wall Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9109)	184.55	40.74	
28 46 13 31-0499	EA Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9110)	187.70	40.74	
28 46 13 31-0500	EA Wall Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9111)	187.70	40.74	
28 46 13 31-0501	EA Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (135, 177 Or 185 Candela) Multi-Candela Strobe (Simplex 4906-9112)	187.70	40.74	
28 46 13 31-0502	EA Wall Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9201)	165.34	40.74	
28 46 13 31-0503	EA Ceiling Mount, Red Housing, White Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9202)	165.34	40.74	
28 46 13 31-0504	EA Wall Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9203)	165.34	40.74	
28 46 13 31-0505	EA Ceiling Mount, White Housing, Red Lettering, Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Addressable Strobe (Simplex 4906-9204)	165.34	40.74	
28 46 13 31-0506	Interior Speakers <small>(28 46 13 31-0394)</small>			
28 46 13 31-0507	EA Red With White FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9716)	132.16	40.74	
28 46 13 31-0508	EA White With Red FIRE Lettering, Wall Mount Speaker, Rectangular Housing (Simplex 4902-9717)	132.16	40.74	
28 46 13 31-0509	EA Ceiling Or Wall Mount, Round Housing Speaker (Simplex 4902-9721)	132.16	40.74	
28 46 13 31-0510	Interior Speaker Strobe <small>(28 46 13 31-0394)</small>			
28 46 13 31-0511	EA Red Housing, White Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9151)	223.82	40.74	
28 46 13 31-0512	EA White Housing, Red Lettering, Multi-Tapped Speaker And Intensity Selectable (15, 30, 75 Or 110 Candela) Multi-Candela Strobe (Simplex 4906-9153)	223.82	40.74	
28 46 13 31-0513	Surge Suppressors <small>(28 46 13 31-0394)</small>			
28 46 13 31-0514	EA Overvoltage Suppressor (Simplex 2081-9044)	150.74	8.15	
28 46 13 31-0515	EA Isolated Loop Circuit Protector (Simplex 2081-9028)	95.41	8.15	
28 46 13 31-0516	EA 120 Volt AC, 20 Amperes, Multi Stage Hybrid Surge Protector With EMI/RFI Filtering (Ditek 120S20A)	326.07	8.15	
28 46 13 31-0517	EA 24 Volt AC, Data And Loop Circuit Surge Protector (Ditek DTK-2MHL24B)	109.67	8.15	
28 46 13 31-0518	EA Mounting Base For Two DTK-2MHL24B (Ditek DTK-2MB)	164.84	13.58	

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-0519	EA	120 Volt AC, 22,500 Amperes, Equipment Panel/Dedicated Circuit Surge Protector (Ditek DTK-120HW)	112.50	8.15
28 46	13 31-0520	EA	<105 Volt AC, 9,000 Amperes, RJ31 Connection, Alarm Dialer Surge Protection (Ditek DTK-MRJ31SCWP)	83.98	8.15
28 46	13 31-0521		Boxes And Adapters (28 46 13 31-0394)		
28 46	13 31-0522	EA	Semi-Flush Mount Modular Adapter Using Standard 4" Square Electrical Box (Simplex 4905-9921)	71.09	13.58
28 46	13 31-0523	EA	Surface Mount Modular Adapter Using Simplex Box (Simplex 4905-9925)	67.10	13.58
28 46	13 31-0524	EA	Red, Surface Mount Adapter Skirt (Simplex 4905-9937)	59.27	13.58
28 46	13 31-0525	EA	White, Surface Mount Adapter Skirt (Simplex 4905-9940)	48.16	13.58
28 46	13 31-0526		Accessories (28 46 13 31-0394)		
28 46	13 31-0527	EA	End-Of-Line Resistor Harness, 10 k Ohms, 1/2 Watt, Two Required, One Each For Audible And Visible Output (Simplex 4081-9008)	31.80	13.58
28 46	13 31-0528		Single Initiating Device (Renovation) Added To Existing Simplex Panel (28 46 13 31-0394)		
28 46	13 31-0529	EA	Relocate A Single Device Note: Includes installation, wire and pre-test.	595.42	
28 46	13 31-0530	EA	Relocate Up To 4 Devices Note: Includes installation, wire, pre-test, tech program with test, final test with SFM, design/CAD/SFM stamped drawings, updating the campus CAD, headend and project management	3,960.39	
28 46	13 31-0531	EA	Relocate 5 To 8 Devices Note: Includes installation, wire, pre-test, tech program with test, final test with SFM, design/CAD/SFM stamped drawings, updating the campus CAD, headend and project management	5,093.12	
28 46	13 31-0532	EA	Additional NAC Panel Note: Includes installation, wire, pre-test, tech program with test, final test with SFM, design/CAD/SFM stamped drawings, updating the campus CAD, headend and project management	4,633.30	
28 46	13 31-0533		Siemens Fire Alarm (28 46 13 31)		
28 46	13 31-0534		Conventional Control Panels (28 46 13 31-0533)		
28 46	13 31-0535		SXL Batteries And Power Supplies (28 46 13 31-0534)		
28 46	13 31-0536	EA	6 Amperes Notification Appliance Circuit Expander With Built-In Auxiliary Power Output (Siemens PAD-3)	1,278.93	54.31
28 46	13 31-0537	EA	Main Board Only For PAD-3 (Siemens PAD-3-MB)	1,026.51	54.31
28 46	13 31-0538		Digital Fire Communicators (28 46 13 31-0534)		
28 46	13 31-0539	EA	Four Channel Digital Slave Fire Communicator (Siemens 5129)	993.24	54.31
28 46	13 31-0540		Addressable Control Panels (28 46 13 31-0533)		
28 46	13 31-0541		Fireseeker Equipment (28 46 13 31-0540)		
28 46	13 31-0542		FS-250 System Panels (28 46 13 31-0541)		
28 46	13 31-0543	EA	FS-250 Electronics Package Including One FS-250-CON And Two FS-NPE, Excludes Enclosure (Siemens FS-250-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer.	2,940.41	543.14
28 46	13 31-0544	EA	FS-250 Electronics Package Including One FS-250-CON, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-REL-EKIT) Note: FS-250-CON is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	3,711.43	543.14
28 46	13 31-0545	EA	FS-250-SRX Releasing Electronics Package Including One FS-250-CON2-SRX, Two FS-NPE, One FS-RPT And One FS-REL, Excludes Enclosure (Siemens FS-250-SRX-EKIT) Note: FS-250-CON2-SRX is an electronics package for releasing water or agent. FS-NPE is a system transformer. FS-RPT is a releasing power transformer. FS-REL is a Releasing Module.	2,177.00	434.51
28 46	13 31-0546	EA	Electronics Package For Releasing Water Or Agent (Siemens FS-250-CON)	2,945.00	543.14
28 46	13 31-0547		FS-250 Optional Modules (28 46 13 31-0541)		
28 46	13 31-0548	EA	Main Board Module (Siemens FS-MB2)	1,288.11	54.31
28 46	13 31-0549	EA	Display Board Module (Siemens FS-DB2)	1,008.91	27.16
28 46	13 31-0550	EA	Device Loop Card (Siemens FS-DLC)	825.33	27.16
28 46	13 31-0551	EA	Releasing Module (Siemens FS-REL)	361.80	27.16
28 46	13 31-0552	EA	Remote LCD Annunciator (Siemens FS-RD2)	819.59	27.16
28 46	13 31-0553	EA	Relay Processor Card (Siemens FS-RU2)	710.59	27.16
28 46	13 31-0554	EA	Relay Expander Board (Siemens FS-RE8)	605.04	27.16
28 46	13 31-0555	EA	Serial Annunciator Processor Card (Siemens FS-SAU2)	819.59	27.16
28 46	13 31-0556	EA	16 Output Annunciator Extender (Siemens FS-SAE16)	637.16	27.16
28 46	13 31-0557	EA	Digital Alarm Communication Transmitter (Siemens FS-DACT)	578.65	27.16
28 46	13 31-0558	EA	Municipal Tie Module (Siemens FS-MT)	490.30	27.16
28 46	13 31-0559	EA	Configuration Tool Including Laptop To FS-250 Cable And Software (Siemens FS-CT2)	437.92	
28 46	13 31-0560	EA	Programming Cable Kit (Siemens CBL-UD)	115.51	13.58
28 46	13 31-0561	EA	Notification Appliance Circuit Power Expander Transformer (Siemens FS-NPE)	206.91	27.16
28 46	13 31-0562	EA	Releasing Power Transformer (Siemens FS-RPT-A)	210.35	27.16
28 46	13 31-0563	EA	Surface Mounted Box For Remote LCD Annunciator (Siemens FS-RD-SB)	240.79	21.72
28 46	13 31-0564	EA	Cabinet Trim Kit (Siemens RD-CAB-TK)	398.90	13.58
28 46	13 31-0565		Firefinder Systems (28 46 13 31-0540)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0566 XLS Basic Fire System Packages Without Backbox <small>(28 46 13 31-0565)</small>		
28 46 13 31-0567 EA 500 Point Firefinder Package Including Two DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-500-ID-SP).....	10,609.03	543.14
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0568 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-ID-SP).....	9,298.76	543.14
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0569 EA 250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, One PSC-12 And One ID-SP (Siemens XLS-250-INT-ID-SP).....	9,298.76	543.14
Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. ID-SP is an inner door blank single plate.		
28 46 13 31-0570 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB2-BD And One OD-LP (Siemens XLS-250-CAB2-BD).....	15,811.12	543.14
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB2-BD is a three row inner and outer door set. OD-LP is an outer door clear plastic lens plate.		
28 46 13 31-0571 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, One PSC-12, One CAB3-BD, One BCL, One ID-SP And One OD-LP (Siemens XLS-250-CAB3-BD).....	16,354.96	543.14
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module. CAB3-BD is a three row inner and outer door set. ID-SP is an inner door blank single plate. OD-LP is an outer door clear plastic lens plate.		
28 46 13 31-0572 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-EP).....	9,166.82	543.14
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
28 46 13 31-0573 EA 250 Point Firefinder Package Including One DLC, One PMI-INT, One ZIC-4A, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC4A-INT-EP).....	9,166.82	543.14
Note: DLC is a device loop card. PMI-INT is a person machine interface with multilingual overlays. ZIC-4A is a four circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
28 46 13 31-0574 EA 250 Point Firefinder Package Including One DLC, One PMI, One ZIC-8B, One CC-5, And One PSC-12 (Siemens XLS-250-ZIC8B-EP).....	10,699.68	543.14
Note: DLC is a device loop card. PMI is a person machine interface. ZIC-8B is an eight circuit zone indicating card. CC-5 is a five slot card cage. PSC-12 is a 12 Amp power supply charger module.		
28 46 13 31-0575 Firefinder - XLS Basic System Equipment <small>(28 46 13 31-0565)</small>		
28 46 13 31-0576 EA Person Machine Interface With Central Processor (Siemens PMI).....	4,910.41	543.14
Note: Includes inner door.		
28 46 13 31-0577 EA Person Machine Interface With Central Processor, DE-2 And DPU (Siemens PMI-DPU-ENC).....	8,296.24	543.14
Note: Includes inner door.		
28 46 13 31-0578 EA Person Machine Interface With Multilingual Overlays And Central Processor (Siemens PMI-INT).....	4,910.41	543.14
Note: Includes inner door.		
28 46 13 31-0579 EA Two Slot Card Cage (Siemens CC-2).....	623.40	27.16
28 46 13 31-0580 EA Five Slot Card Cage (Siemens CC-5).....	1,060.54	27.16
28 46 13 31-0581 EA Four Circuit Zone Indicating Card (Siemens ZIC-4A).....	1,519.48	27.16
28 46 13 31-0582 EA Eight Circuit Zone Indicating Card (Siemens ZIC-8B).....	1,587.17	27.16
28 46 13 31-0583 EA Two Channel Adapter Card For ZIC-8B (Siemens ZIC-2C).....	494.89	27.16
28 46 13 31-0584 EA Device Loop Card (Siemens DLC).....	1,802.87	27.16
Note: Interfaces with up to 252 detectors and devices.		
28 46 13 31-0585 EA Controllable Relay Card (Siemens CRC-6).....	1,016.94	27.16
Note: Provides six programmable relays.		
28 46 13 31-0586 EA 12 Amperes Power Supply Charger Module (Siemens PSC-12).....	3,878.43	27.16
28 46 13 31-0587 EA Person Machine Interface With Central Processor And GPMI-UK Software Upgrade Kit (Siemens GPMI).....	6,440.97	543.14
Note: Software kit provides interface with multiple FireFinder XLS and MXL systems.		
28 46 13 31-0588 EA Network Interface Card (Siemens NIC-C).....	1,191.33	27.16
Note: Provides HNET Or XNET communication between enclosures.		
28 46 13 31-0589 EA 12 Amperes Power Supply Extender (Siemens PSX-12).....	3,224.44	27.16
Note: Extends PSC-12 with an additional 24 volt DC.		
28 46 13 31-0590 EA Power Termination Board (Siemens PTB).....	536.20	27.16
Note: Used with systems requiring more than one PSX-12.		
28 46 13 31-0591 EA Conventional Detector Card (Siemens CDC-4).....	1,147.73	27.16
28 46 13 31-0592 EA Multi-Mode Network Fiber Optic Interface Module (Siemens D2300CPS).....	2,257.22	27.16
28 46 13 31-0593 EA Single-Mode Network Fiber Optic Interface Module (Siemens D2325CPS).....	8,140.83	27.16
28 46 13 31-0594 Remote Lobby Enclosure <small>(28 46 13 31-0565)</small>		
28 46 13 31-0595 EA 14-1/2" x 18-1/2" x 5" Two Module Remote Enclosure (Siemens REMBOX2).....	1,464.43	108.63
Note: Flush mounted. Includes clear lens plate on cover.		
28 46 13 31-0596 EA 24" x 18-1/2" x 5" Four Module Remote Enclosure (Siemens REMBOX4).....	1,900.42	108.63
Note: Flush mounted. Includes clear lens plate on cover.		
28 46 13 31-0597 EA Optional Mounting Plate For REMBOX2 (Siemens REMBOX2-MP).....	229.85	27.16
Note: Required to mount up to four SIM-16 or OCM-16 modules.		
28 46 13 31-0598 EA Optional Mounting Plate For REMBOX4 (Siemens REMBOX4-MP).....	251.65	27.16
Note: Required to mount up to eight SIM-16 or OCM-16 modules.		
28 46 13 31-0599 Battery Enclosures <small>(28 46 13 31-0565)</small>		
28 46 13 31-0600 EA Enclosure For 100 Ampere Hours Batteries (Siemens CAB-BATT).....	895.34	108.63

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0601			Graphic Annunciator Output Drivers And Inputs (28 46 13 31-0565)		
28 46 13 31-0602	EA		Output Control Module (Siemens OCM-16).....	732.39	27.16
28 46 13 31-0603	EA		Supervised Input Module (Siemens SIM-16).....	732.39	27.16
28 46 13 31-0604			Remote LCD Displays (28 46 13 31-0565)		
28 46 13 31-0605	EA		Remote LED/LCD System Status Display (Siemens SSD)..... Note: No control or menu capability.	1,692.36	81.47
28 46 13 31-0606	EA		Remote LED/LCD System Status Display, Buttons To Acknowledge Events, Silence Audible Circuits And Resetting (Siemens SSD-C).....	1,911.50	81.47
28 46 13 31-0607			Voice Equipment (28 46 13 31-0565)		
28 46 13 31-0608	EA		40 Watts Zone Amplifier Card (Siemens ZAC-40).....	1,697.32	27.16
28 46 13 31-0609	EA		180 Watts Zone Amplifier Module (Siemens ZAM-180).....	3,770.58	27.16
28 46 13 31-0610	EA		Live Voice Module (Siemens LVM)..... Note: Includes a dynamic microphone with a push-to-talk switch and ready-to-page indicator light, as well as a small local speaker and volume control for monitoring audio signals.	1,583.73	27.16
28 46 13 31-0611			MXL Series Equipment (28 46 13 31-0540)		
28 46 13 31-0612			MXL Optional Equipment (28 46 13 31-0611)		
28 46 13 31-0613	EA		Two Circuit Analog Loop Driver (Siemens ALD-2I).....	1,820.48	54.31
28 46 13 31-0614	EA		CXL/MXL Interface Module (Siemens CMI-300).....	4,735.50	27.16
28 46 13 31-0615	EA		Four Relay Programmable Relay Module (Siemens CRM-4).....	806.97	27.16
28 46 13 31-0616	EA		Two Circuit Controllable Signal/Releasing Module (Siemens CSM-4).....	975.63	27.16
28 46 13 31-0617	EA		Remote Conventional Zone Module (Siemens CZM-1B6).....	362.95	27.16
28 46 13 31-0618	EA		Short Circuit Line Isolator Module (Siemens Model LIM-1).....	221.82	27.16
28 46 13 31-0619	EA		Four Circuit Conventional Zone Module (Siemens CZM-4).....	949.24	27.16
28 46 13 31-0620	EA		12" x 16" x 3" Enclosure For PAD-3 (Siemens EN-PAD).....	333.89	40.74
28 46 13 31-0621	EA		Lexan Window For RCC (Siemens GENBOX-WD).....	228.17	21.72
28 46 13 31-0622	EA		Input Driver Module (Siemens MID-16).....	619.95	27.16
28 46 13 31-0623	EA		Programmable Output Driver Module (Siemens MOD-16).....	619.95	27.16
28 46 13 31-0624	EA		MXL Output/Input Module (Siemens MOI-7).....	996.28	27.16
28 46 13 31-0625	EA		Two Slot Network Option Module Card Cage (Siemens MOM-2).....	527.02	27.16
28 46 13 31-0626	EA		Four Slot Network Option Module Card Cage (Siemens MOM-4).....	833.36	27.16
28 46 13 31-0627	EA		12 Amperes, 220 Volt AC, Power Supply For MXL (Siemens MPS-12/220).....	2,045.74	81.47
28 46 13 31-0628	EA		12 Amperes, 240 Volt AC, Power Supply For MXL (Siemens MPS-12/240).....	2,045.74	81.47
28 46 13 31-0629	EA		Network Interface Module (Siemens NIM-1W).....	1,489.64	27.16
28 46 13 31-0630	EA		U.L. Listed Parallel Printer (Siemens PAL-1).....	3,888.78	108.63
28 46 13 31-0631	EA		Peripheral Interface Module, Model PIM-1 (Siemens 500-691324).....	431.79	27.16
28 46 13 31-0632	EA		Surface Mounted Remote Command Center (Siemens RCC-1).....	4,143.98	543.14
28 46 13 31-0633	EA		Enclosure And Door With Lens For RCC-1 (Siemens RCC-1DL).....	513.64	54.31
28 46 13 31-0634	EA		Flush Mounted Remote Command Center (Siemens RCC-1F).....	4,143.98	543.14
28 46 13 31-0635	EA		Enclosure And Door With Lens For RCC-1F (Siemens RCC-1FDL).....	527.41	54.31
28 46 13 31-0636	EA		Remote Control Center With System Control Functions And Sequential Event Display (Siemens RCC-2).....	3,151.52	543.14
28 46 13 31-0637	EA		MXL/MXLV Remote Annunciator/Keyboard With Enhanced Display (Siemens RCC-3).....	4,791.08	543.14
28 46 13 31-0638	EA		RCC-2/RSE-1 Trim Ring (Siemens RCF-1).....	78.79	13.58
28 46 13 31-0639	EA		Remote Diagnostics Module For MXL (Siemens RDM-MXL).....	6,074.85	54.31
28 46 13 31-0640	EA		Remote Diagnostics Module For PC (Siemens RDM-PC).....	12,955.51	54.31
28 46 13 31-0641	EA		Releasing End Of Line Module (Siemens REL-EOL).....	179.37	27.16
28 46 13 31-0642	EA		36 Zone Tabular Graphic Annunciator With Restart System Key (Siemens RSA-MBSC).....	3,868.50	54.31
28 46 13 31-0643	EA		36 Zone Tabular Graphic Annunciator (Siemens RSA-MBTL).....	3,692.95	54.31
28 46 13 31-0644	EA		8-3/8" x 6-1/4" Remote Control Enclosure (Siemens RSE-1).....	1,939.43	108.63
28 46 13 31-0645			Complete MXL And MXLV System Packages Without Enclosure (28 46 13 31-0611)		
28 46 13 31-0646	EA		MXL System Electronics Package Including One MMB-3, One Display/Control Keyboard, One MDL-1, One MKB-2, One Mps-6, One MOM-2, One ALD-2I And One PIM-1 (Siemens MXL-SS-EP)..... Note: MMB-3 is a MXL/MXLV main control board. MDL-1 is a clear lens. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. MOM-2 is a two slot network option module card cage. ALD-2I is a two circuit analog loop driver. PIM-1 is a peripheral interface module.	13,930.61	543.14
28 46 13 31-0647	EA		MXL Voice System Electronics Package Including One MMB-3, One MKB-2, One MPS-6, One ACM-1, One TBM-2, One MMM-1, One OMM-2, One ZAC-30, One OCC-1, One MHD-5, One VSM-1 And Four VSB-1 (Siemens MXLV-SS-EP)..... Note: MMB-3 is a MXL/MXLV main control board. MKB-2 is a MXL/MXLV display/keyboard module with hinged frame. MPS-6 is a 6 Amp power supply for MXL. ACM-1 is an audio control module. TBM-2 is a voice terminal module. MMM-1 is a master microphone module. OMM-2 is a two half width slot card cage. ZAC-30 is a MXLV zone amplifier card. OCC-1 is a MXLV output control card. MHD-5 is a deadfront panel for MSE-2 backbox. VSM-1 is an eight switch module. VSB-1 is a module blank with overlay.	18,230.88	543.14
28 46 13 31-0648	EA		MXLV Demonstration Panel (Siemens MXLV DEMO).....	38,314.09	543.14
28 46 13 31-0649			MXL Basic System (28 46 13 31-0611)		
28 46 13 31-0650	EA		MXL/MXLV Main Control Board (Siemens MMB-3).....	8,519.71	543.14
28 46 13 31-0651	EA		MXL System Electronics Package Including One MMB-3, One DE-2 And One DPU (Siemens MMB-DPU-ENCL)..... Note: MMB-3 is a MXL/MXLV main control board. DE-2 is an enclosure for document storage. DPU is a handheld device programming and testing unit.	11,088.63	543.14
28 46 13 31-0652	EA		MXL/MXLV Display/Keyboard Module With Hinged Frame (Siemens MKB-2).....	3,260.40	54.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0653 EA MXL/MXLV Keyboard With Enhanced Display With Hinged Frame (Siemens MKB-5)	4,088.79	54.31
28 46 13 31-0654 EA 6 Amperes Power Supply For MXL (Siemens MPS-6)	1,402.08	81.47
28 46 13 31-0655 EA 220/240 Volt AC Adapter Cable (Siemens CIA-12)	101.74	13.58
28 46 13 31-0656 MXL/MXLR System Expansion Accessories (28 46 13 31-0611)		
28 46 13 31-0657 EA MXL Remote Power Supply Module (Siemens PSR-1)	1,726.78	81.47
28 46 13 31-0658 EA Style 4 Communication Module (Siemens NET-4).....	351.47	27.16
28 46 13 31-0659 EA Style 7 Communication Module (Siemens NET-7).....	646.34	27.16
28 46 13 31-0660 EA MXL/MXL-IQ/MXLV Intelligent Control Point, B6 Chip (Siemens ICP-B6).....	384.75	27.16
28 46 13 31-0661 Peripheral Devices (28 46 13 31-0540)		
28 46 13 31-0662 Thermal Detectors (28 46 13 31-0661)		
28 46 13 31-0663 EA Rate Of Rise And 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135R)	137.69	40.74
28 46 13 31-0664 EA Rate Of Rise And 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200R)	137.69	40.74
28 46 13 31-0665 EA 135 Degree F Fixed Temperature Thermal Detector (Siemens DT-135F).....	137.69	40.74
28 46 13 31-0666 EA 200 Degree F Fixed Temperature Thermal Detector (Siemens DT-200F).....	137.69	40.74
28 46 13 31-0667 EA Weatherproof 135 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-135WP).....	223.74	40.74
28 46 13 31-0668 EA Weatherproof 200 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-200WP).....	223.74	40.74
28 46 13 31-0669 EA Explosion Proof 190 Degree F Rate Compensation/Fixed Temperature Thermal Detector (Siemens DT-190EP)	571.39	40.74
28 46 13 31-0670 Beam Smoke Detector (28 46 13 31-0661)		
28 46 13 31-0671 EA Linear Beam Smoke Detector (Siemens PBA-1191).....	2,742.26	40.74
28 46 13 31-0672 EA Base For Linear Beam Smoke Detector (Siemens PBB-1191).....	311.70	13.58
28 46 13 31-0673 EA 20cm x 20cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1192).....	315.14	13.58
28 46 13 31-0674 EA 10cm x 10cm Flat Reflector For Linear Beam Smoke Detector (Siemens PBR-1193).....	159.11	13.58
28 46 13 31-0675 Bases For Detectors (28 46 13 31-0661)		
28 46 13 31-0676 EA Detector Base (Siemens DB-11).....	44.37	13.58
28 46 13 31-0677 EA Universal Base (Siemens DB-3S).....	40.93	13.58
28 46 13 31-0678 Manual Stations (28 46 13 31-0661)		
28 46 13 31-0679 EA Weatherproof Metal Manual Pull Station With Key (Siemens MSM-K-WP).....	339.40	32.59
28 46 13 31-0680 Addressable Devices (28 46 13 31-0540)		
28 46 13 31-0681 Intelligent Detectors And Devices For Firefinder XLS And FS-250 (28 46 13 31-0680)		
28 46 13 31-0682 EA Addressable Fireprint Fire Detector (Siemens HFP-11)	278.81	40.74
28 46 13 31-0683 EA Addressable Thermal Fire Detector (Siemens HFPT-11)	238.66	40.74
28 46 13 31-0684 EA Relay Base For H-Series Intelligent Detectors (Siemens DB-HR)	191.62	40.74
28 46 13 31-0685 EA Ceiling Mounted Remote Alarm Indicator (Siemens RL-HC)	123.92	40.74
28 46 13 31-0686 EA Wall Mounted Remote Alarm Indicator (Siemens RL-HW)	123.92	40.74
28 46 13 31-0687 EA Addressable Single Action Manual Pull Station (Siemens HMS-S).....	296.40	27.16
28 46 13 31-0688 EA Addressable Double Action Manual Pull Station (Siemens HMS-D).....	282.63	27.16
28 46 13 31-0689 EA Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-S).....	221.82	27.16
28 46 13 31-0690 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens HTRI-D).....	273.45	27.16
28 46 13 31-0691 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens HTRI-R).....	273.45	27.16
28 46 13 31-0692 EA Mini Single Input Intelligent Initiating Devices Interface Module (Siemens HTRI-M).....	204.61	27.16
28 46 13 31-0693 EA Line Isolator Module (Siemens HLIM).....	211.50	27.16
28 46 13 31-0694 EA Remote Convention Zone Module (Siemens HZM).....	317.05	27.16
28 46 13 31-0695 EA Intelligent Control Point Module (Siemens HCP).....	404.25	27.16
28 46 13 31-0696 EA Handheld Programming And Testing Unit (Siemens DPU).....	1,817.03	
28 46 13 31-0697 EA DPU Carrying Case (Siemens DPU-C1).....	277.89	
28 46 13 31-0698 EA Label Printer And Carrying Case (Siemens DPU-PRT).....	3,110.85	27.16
28 46 13 31-0699 Air Duct Housings And Detectors (28 46 13 31-0680)		
28 46 13 31-0700 EA Air-Duct Housing (Siemens AD2-P).....	326.85	21.72
28 46 13 31-0701 EA Air-Duct Housing With Relay (Siemens AD2-XHR)	370.44	21.72
28 46 13 31-0702 EA Weatherproof Enclosure For Duct Housing (Siemens WP-2000)	294.11	27.16
28 46 13 31-0703 EA 6" To 1' Duct Sampling Tube (Siemens ST-10)	39.24	8.15
28 46 13 31-0704 EA >1' To 3' Duct Sampling Tube (Siemens ST-25).....	48.11	10.87
28 46 13 31-0705 EA >3' To 5' Duct Sampling Tube (Siemens ST-50).....	60.43	13.58
28 46 13 31-0706 EA >5' To 10' Duct Sampling Tube (Siemens ST-100).....	70.45	16.29
28 46 13 31-0707 Intelligent Initiating Devices For MXL, MXL-LQ And MXLV (28 46 13 31-0680)		
28 46 13 31-0708 EA Addressable Fireprint Fire Detector (Siemens FP-11)	291.44	40.74
28 46 13 31-0709 EA Addressable Thermal Fire Detector (Siemens FPT-11).....	248.98	40.74
28 46 13 31-0710 EA Intelligent Ionization Smoke Detector (Siemens ILI-1).....	323.56	40.74
28 46 13 31-0711 EA Addressable Single Action Manual Pull Station (Siemens MSI-10B).....	288.37	27.16
28 46 13 31-0712 EA Addressable Double Action Manual Pull Station (Siemens MSI-20B).....	319.35	27.16
28 46 13 31-0713 EA Single Input Intelligent Initiating Devices Interface Module (Siemens TRI-S).....	291.81	27.16
28 46 13 31-0714 EA Dual Input Intelligent Initiating Devices Interface Module (Siemens TRI-D).....	323.94	27.16
28 46 13 31-0715 EA Single Input Intelligent Initiating Devices Interface Module With Relay (Siemens TRI-R).....	323.94	27.16

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0716			Detector Universal Bases (28 46 13 31-0680)		
28 46 13 31-0717	EA		Detector Base With Relay (Siemens DB-X11RS).....	136.16	13.58
28 46 13 31-0718	EA		PE-11 To DB-3 Base Adapter (Siemens DB-ADPT).....	67.32	13.58
28 46 13 31-0719	EA		Locking Kit (Siemens LK-11).....	11.79	
28 46 13 31-0720	EA		Detector Base With Relay (Siemens DB-X3RS).....	136.16	13.58
28 46 13 31-0721	EA		Audible Base For Addressable Fireprint Fire Detector (Siemens ADBX-11).....	159.11	13.58
28 46 13 31-0722	EA		Retrofit Adapter Box For Audible Bases Ionization Detector Air Duct (Siemens ADB-BOX).....	63.88	13.58
28 46 13 31-0723	EA		Flush Trim Ring For Bases (Siemens RA-ADB).....	30.06	8.15
28 46 13 31-0724	EA		Seal For DB-11 (Siemens DB11-SEAL).....	14.55	
28 46 13 31-0725	EA		Gasket For DB-11 (Siemens DB-SEAL).....	16.06	
28 46 13 31-0726	EA		Detector Guard Housing (Siemens DGH-11).....	201.56	13.58
28 46 13 31-0727	EA		Small Detector Base (Siemens DB-11E).....	48.96	13.58
28 46 13 31-0728	EA		Audible Base For Series 3 (Siemens ADBI-60A).....	179.76	13.58
28 46 13 31-0729	EA		Base Plug (Siemens DB-11-DP).....	11.74	
28 46 13 31-0730			Air Duct Smoke Detectors (28 46 13 31-0680)		
28 46 13 31-0731	EA		Intelligent Remote Duct Relay Module (Siemens DA-X3SR).....	147.25	27.16
28 46 13 31-0732	EA		Weatherproof Enclosure For Duct Housing (Siemens EAD-3).....	796.65	27.16
28 46 13 31-0733			Notification Devices (28 46 13 31-0540)		
28 46 13 31-0734			Synchronization Control Devices (28 46 13 31-0733)		
28 46 13 31-0735	EA		Dual Synchronization Control Module (Siemens DSC).....	221.82	27.16
28 46 13 31-0736			Stand Alone Strobes (28 46 13 31-0733)		
28 46 13 31-0737	EA		Wall Mounted Multi-Candela Strobe (Siemens ZR-MC-R).....	178.99	40.74
28 46 13 31-0738	EA		Wall Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-R).....	196.21	40.74
28 46 13 31-0739	EA		Ceiling Mounted Multi-Candela Strobe (Siemens ZR-MC-CR).....	178.99	40.74
28 46 13 31-0740	EA		Ceiling Mounted High, Multi-Candela Strobe (Siemens ZR-HMC-CR).....	196.21	40.74
28 46 13 31-0741	EA		Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CW).....	196.21	40.74
28 46 13 31-0742	EA		Ceiling Mounted Multi-Candela Strobe (Siemens ST-MC-CW).....	178.99	40.74
28 46 13 31-0743	EA		Retrofit Plate Multi-Candela Strobe (Siemens ST-MC-RETRO-R).....	208.83	40.74
28 46 13 31-0744	EA		Weatherproof Ceiling Mounted Strobe (Siemens ST-75-CR-WP).....	199.65	40.74
28 46 13 31-0745	EA		Weatherproof Wall Mounted Strobe (Siemens ST-75-R-WP).....	199.65	40.74
28 46 13 31-0746	EA		Weatherproof Ceiling Mounted High Multi-Candela Strobe (Siemens ST-HMC-CR-WP).....	214.56	40.74
28 46 13 31-0747	EA		Weatherproof Wall Mounted High Multi-Candela Strobe (Siemens ST-HMC-R-WP).....	214.56	40.74
28 46 13 31-0748			Horns And Strobes (28 46 13 31-0733)		
28 46 13 31-0749	EA		Wall Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-R).....	246.69	40.74
28 46 13 31-0750	EA		Wall Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-R).....	261.60	40.74
28 46 13 31-0751	EA		Wall Mounted Horn (Siemens SE-R).....	137.69	40.74
28 46 13 31-0752	EA		Ceiling Mounted Multi-Candela Horn/Strobe (Siemens SE-MC-CR).....	246.69	40.74
28 46 13 31-0753	EA		Ceiling Mounted High Multi-Candela Horn/Strobe (Siemens SE-HMC-CR).....	261.60	40.74
28 46 13 31-0754	EA		Ceiling Mounted Horn (Siemens SEC-R).....	144.57	40.74
28 46 13 31-0755	EA		Wall Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-R).....	246.69	40.74
28 46 13 31-0756	EA		Wall Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-R).....	261.60	40.74
28 46 13 31-0757	EA		Wall Mounted Low Profile Horn (Siemens SEF-R).....	137.69	40.74
28 46 13 31-0758	EA		Ceiling Mounted Low Profile Multi-Candela Horn/Strobe (Siemens SEF-MC-CW).....	246.69	40.74
28 46 13 31-0759	EA		Ceiling Mounted Low Profile High Multi-Candela Horn/Strobe (Siemens SEF-HMC-CW).....	261.60	40.74
28 46 13 31-0760	EA		Ceiling Mounted Low Profile Horn (Siemens SEF-CR).....	144.57	40.74
28 46 13 31-0761	EA		Mini Horn (Siemens MH-R).....	112.45	40.74
28 46 13 31-0762	EA		Indoor/Outdoor Multi Tone Horn (Siemens MTH-R).....	146.87	40.74
28 46 13 31-0763	EA		Indoor/Outdoor Multi Tone, Multi-Candela Horn/Strobe (Siemens MTH-MC-R).....	231.77	40.74
28 46 13 31-0764	EA		Industrial Tri-Tone Horn (Siemens ASR).....	683.83	40.74
28 46 13 31-0765	EA		Wall Mounted Horn (Siemens HS-R).....	146.87	40.74
28 46 13 31-0766	EA		Wall Mounted Multi-Candela Horn/Strobe (Siemens HS-MC-R).....	232.92	40.74
28 46 13 31-0767	EA		Wall Mounted High Multi-Candela Horn/Strobe (Siemens HS-HMC-R).....	251.28	40.74
28 46 13 31-0768	EA		6" Motor Bell (Siemens MBDC-6).....	169.82	40.74
28 46 13 31-0769	EA		10" Motor Bell (Siemens MBDC-10).....	187.03	40.74
28 46 13 31-0770			Mounting Accessories (28 46 13 31-0733)		
28 46 13 31-0771	EA		Concealed Conduit Adapter Plate (Siemens APS-R).....	40.93	13.58
28 46 13 31-0772	EA		4" x 1-1/2" Surface Mounted Back Box (Siemens BBS-R).....	40.93	13.58
28 46 13 31-0773	EA		4" x 2-1/8" Surface Mounted Back Box (Siemens DBBS-R).....	42.08	13.58
28 46 13 31-0774	EA		Red Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX).....	69.61	13.58
28 46 13 31-0775	EA		White Weatherproof Surface Mount Backbox (Siemens MT-SUR-BOX-W).....	54.70	13.58
28 46 13 31-0776	EA		Surface Mounted Speaker Backbox (Siemens SBBS-R).....	58.14	13.58
28 46 13 31-0777	EA		Surface Mounted Speaker Backbox (Siemens SBL2S-R).....	62.73	13.58
28 46 13 31-0778	EA		Square Semi-Flush Extension Ring (Siemens SERS-R).....	48.96	13.58
28 46 13 31-0779	EA		Semi-Flush Plate (Siemens SFPS-R).....	39.78	13.58
28 46 13 31-0780	EA		Square Surface Backbox (Siemens SHBBS-R).....	48.96	13.58
28 46 13 31-0781	EA		Horn Adapter Plate (Siemens SHMPS-R).....	46.66	13.58
28 46 13 31-0782	EA		Ceiling Speaker Extension Ring (Siemens SPEXT-R).....	40.93	13.58
28 46 13 31-0783	EA		Wall Mounted Surface Mounted Speaker Backbox (Siemens SPSB-R).....	54.70	13.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0784 EA Wall Mounted Surface Mounted Speaker/Strobe Backbox (Siemens SPSSB-R).....	58.14	13.58
28 46 13 31-0785 EA Weatherproof Speaker Backbox (Siemens WBBS-R)	55.84	13.58
28 46 13 31-0786 EA Weatherproof Speaker Backbox With 3/4" Knockout (Siemens WBBS-R-3/4T-3/4B)	62.73	13.58
28 46 13 31-0787 EA Weatherproof Flush Plate (Siemens WFPAS-R)	62.73	13.58
28 46 13 31-0788 EA Weatherproof Horn Flush Plate (Siemens WFPS-R).....	62.73	13.58
28 46 13 31-0789 EA Weatherproof Horn Backbox (Siemens WPBBS-R).....	58.14	13.58
28 46 13 31-0790 EA Weatherproof Strobe Backbox (Siemens WPSBBS-R).....	58.14	13.58
28 46 13 31-0791 EA Surface Mounted Weatherproof Backbox Kit (Siemens WPS-KIT).....	40.93	13.58
28 46 13 31-0792 EA Z Series Backbox (Siemens ZBB-R).....	46.66	13.58
28 46 13 31-0793 Door Holders (28 46 13 31-0733)		
28 46 13 31-0794 EA 120 Volt AC Concealed Wiring Fire Door Holder (Siemens SDH-2A).....	377.49	40.74
28 46 13 31-0795 EA 24 Volt DC Concealed Wiring Fire Door Holder (Siemens SDH-2D).....	377.49	40.74
28 46 13 31-0796 Voice Equipment (28 46 13 31-0540)		
28 46 13 31-0797 Voicecom (28 46 13 31-0796)		
28 46 13 31-0798 EA Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone And Enclosure With Deadfront And Space For Five Modules (Siemens VOICECOM).....	5,807.64	543.14
28 46 13 31-0799 EA Emergency Voice Alarm Communication System, 3.5 Amp Power Supply And Battery Charger, Two 50W Amplifier, Battery Cables, Main Control Board With One Speaker Circuit, Paging Microphone, Enclosure With Deadfront And Space For 11 Modules, Auxiliary Power Supply, Four PS-AUX Strobe Zone Cables And One AM-25-50 Speaker Zone Cables (Siemens VOICECOM-L).....	9,307.05	543.14
28 46 13 31-0800 Johnson Controls Fire Alarm (28 46 13 31)		
28 46 13 31-0801 EA Intelligent Addressable ION Detector; With FlashScan. (Johnson Controls, Inc. #1951J).....	215.21	40.74
28 46 13 31-0802 EA Intelligent Addressable Photo Detector; With FlashScan. (Johnson Controls, Inc. #2951J).....	212.72	40.74
28 46 13 31-0803 EA Intelligent Addressable Photo/Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TJ).....	269.69	40.74
28 46 13 31-0804 EA Acclimate™ Intelligent Photo Thermal Detector; With FlashScan. (Johnson Controls, Inc. #2951TMJ).....	268.89	40.74
28 46 13 31-0805 EA 411UD, 4 Channel Dual. (Johnson Controls, Inc. #411UD).....	762.58	54.31
28 46 13 31-0806 EA Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951HJ).....	202.51	40.74
28 46 13 31-0807 EA Intelligent Addressable High Temperature Heat Detector; With FlashScan. (Johnson Controls, Inc. #5951J).....	178.93	40.74
28 46 13 31-0808 EA Intelligent Addressable Rate-of-Rise Thermal Detector; With FlashScan. (Johnson Controls, Inc. #5951RJ).....	173.94	40.74
28 46 13 31-0809 EA Intelligent Addressable Laser Detector; Low Profile, Use With IFC Series Panels Only. (Johnson Controls, Inc. #7351J)	558.12	40.74
28 46 13 31-0810 EA 100 Watts Audio Amplifier At 70.7 VRMS With Built-in Tone Generator, 120 Volt AC (Johnson Controls, Inc. #AA-100).....	2,761.58	81.47
28 46 13 31-0811 EA AUDIO Amplifier, 100 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-100E).....	2,674.68	81.47
28 46 13 31-0812 EA 120 Watts Audio Amplifier At 25 VRMS With Built-in Tone Generator, 120 Voltage AC (Johnson Controls, Inc. #AA-120)	2,721.56	81.47
28 46 13 31-0813 EA AUDIO Amplifier, 120 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-120E).....	2,604.51	81.47
28 46 13 31-0814 EA 30 Watts Audio Amplifier At 25 VRMS, 120 Voltage AC (Johnson Controls, Inc. #AA-30).....	1,252.20	81.47
28 46 13 31-0815 EA AUDIO Amplifier, 30 Watts, 230 Voltage AC (Johnson Controls, Inc. #AA-30E).....	1,252.20	81.47
28 46 13 31-0816 EA Annunciator Control Module With; 16 Red Alarm LED's, 16 Yellow Trouble LED's, And 16 Control Switches, On-line, System Trouble Led, And Local Sounder, Local Acknowledge And Lamp Test Switch, Supports 1, 2 Or 3 AEM-16AT Expander Modules. (Johnson Controls, Inc. #ACM-16AT).....	1,275.11	27.16
28 46 13 31-0817 EA IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED, Trouble LED And Switch Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) By Point To Be Red, Green Or Yellow And The Trouble LED Is Always Yellow. Expandable With One, Two Or Three AEM-24AT's. (Johnson Controls, Inc. #ACM-24AT).....	1,326.70	27.16
28 46 13 31-0818 EA Annunciator Control Module; Includes 32 Red Alarm LED's, System Trouble LED And On-line LED, Local Acknowledge, Lamp Test Switch, And Local Piezo Sounder, Supports One AEM-32A Expander Module. (Johnson Controls, Inc. #ACM-32A).....	971.66	27.16
28 46 13 31-0819 EA IFC Series ACS Annunciator; Up To 96 Points Of Annunciation With Alarm Or Active LED Per Circuit. Active/Alarm LEDs Can Be Programmed (By Powered Up Switch Selection) In Groups Of 24 To Be Red, Green Or Yellow. Expandable To 96 Points With One AEM-48A. (Johnson Controls, Inc. #ACM-48A)	971.66	27.16
28 46 13 31-0820 EA Annunciator, Relay, Form C. (Johnson Controls, Inc. #ACM-8R).....	682.26	27.16
28 46 13 31-0821 EA Charger Power Supply - 6 Or 10 Amperes; Mounts In CAB-PS1, CAB-3/4, EQ Cabx, BB-25, Or CHS-PS1; Comes With The PK-PPS Programming Utility. Windows® PC And USB Cable Required For Programming. (Johnson Controls, Inc. #ACPS-610)	2,213.43	54.31
28 46 13 31-0822 EA Annunciator Expander Module With: 16 Red Alarm LED's, 16 Yellow Trouble LED's, 16 Control Switches, Cable For Connection To The ACM-16AT Master. (Johnson Controls, Inc. #AEM-16AT).....	971.66	27.16
28 46 13 31-0823 EA Annunciator Expander Module; 24 Alarm And Trouble LEDs, Expands The ACM-24AT To 48, 72 Or 96 Points. (Johnson Controls, Inc. #AEM-24AT).....	1,010.45	27.16
28 46 13 31-0824 EA Annunciator Expander Module With: 32 Red Alarm LED's, Cable For Connection To The ACM-32A Master. (Johnson Controls, Inc. #AEM-32A)	869.91	27.16
28 46 13 31-0825 EA Annunciator Expander Module; 48 Alarm LEDs, Expands The ACM-48A To 96 Points. (Johnson Controls, Inc. #AEM-48A).....	869.91	27.16
28 46 13 31-0826 EA Back Box, Flush Or Surface Mount; Requires A Door And Telephone Chassis. (Johnson Controls, Inc. #AFAWS-BX)	138.33	24.44
28 46 13 31-0827 EA Receiver, Multimode Fiber. (Johnson Controls, Inc. #AFL-RM).....	1,325.93	54.31
28 46 13 31-0828 EA Receiver, Singlemode Fiber. (Johnson Controls, Inc. #AFL-RS).....	2,915.03	54.31
28 46 13 31-0829 EA Transmit, Multimode Fiber. (Johnson Controls, Inc. #AFL-TM).....	1,325.93	54.31
28 46 13 31-0830 EA Transmit, Singlemode Fiber. (Johnson Controls, Inc. #AFL-TS).....	2,915.03	54.31
28 46 13 31-0831 EA Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B110LP).....	48.20	13.58
28 46 13 31-0832 EA Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224B).....	138.73	13.58
28 46 13 31-0833 EA Base, Smoke Detector, Intelligent. (Johnson Controls, Inc. #B224RB).....	130.55	13.58
28 46 13 31-0834 EA Base, Smoke Detector, 2 Wire. (Johnson Controls, Inc. #B401)	51.70	13.58
28 46 13 31-0835 EA Intelligent Detector Base, Without Flange. (Johnson Controls, Inc. #B501J).....	45.89	13.58
28 46 13 31-0836 EA Battery Cabinet, Lockable. (Johnson Controls, Inc. #BB-100).....	961.16	54.31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-0837	EA	Projected Beam Smoke Detector, Single-ended Reflected Type, Includes Trouble Relay, Transmitter/Receiver In One Unit. (Johnson Controls, Inc. #Beam1224)	2,267.74	81.47
28 46	13 31-0838	EA	Same As Beam1224 With Built-in Sensitivity Test Filter. (Johnson Controls, Inc. #Beam1224S)	2,399.30	81.47
28 46	13 31-0839	EA	Mounting Kit, Long RG, Beam. (Johnson Controls, Inc. #BeamLRK)	263.95	13.58
28 46	13 31-0840	EA	Mounting Kit, Beam Detect. (Johnson Controls, Inc. #BeamMMK)	176.26	13.58
28 46	13 31-0841	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-5025)	2,269.68	81.47
28 46	13 31-0842	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5025F)	2,092.34	81.47
28 46	13 31-0843	EA	Digital Audio Amplifier, 50 Watts, 25 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5025SF)	2,092.34	81.47
28 46	13 31-0844	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS (Johnson Controls, Inc. #DAA-5070)	2,461.24	81.47
28 46	13 31-0845	EA	Amplifier, Digital Audio. (Johnson Controls, Inc. #DAA-5070E)	2,267.74	81.47
28 46	13 31-0846	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Multi-Fiber (Johnson Controls, Inc. #DAA-5070F)	2,267.74	81.47
28 46	13 31-0847	EA	Digital Audio Amplifier, 50 Watts, 70 VRMS, Single-Fiber (Johnson Controls, Inc. #DAA-5070SF)	2,267.74	81.47
28 46	13 31-0848	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS (Johnson Controls, Inc. #DAA-7525)	2,718.77	81.47
28 46	13 31-0849	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Multi Fiber (Johnson Controls, Inc. #DAA-7525F)	2,718.77	81.47
28 46	13 31-0850	EA	Digital Audio Amplifier, 75 Watts, 25 VRMS, Single Fiber (Johnson Controls, Inc. #DAA-7525SF)	2,718.77	81.47
28 46	13 31-0851	EA	Innovairflex Intelligent. (Johnson Controls, Inc. #DNR)	275.43	27.16
28 46	13 31-0852	EA	Innovairflex Duct Detect. (Johnson Controls, Inc. #DNRW)	428.81	27.16
28 46	13 31-0853	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1)	35.70	10.87
28 46	13 31-0854	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST1.5)	39.31	10.87
28 46	13 31-0855	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST10)	100.05	16.29
28 46	13 31-0856	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST3)	47.38	10.87
28 46	13 31-0857	EA	Innovairflex Sample Tube. (Johnson Controls, Inc. #DST5)	58.46	13.58
28 46	13 31-0858	EA	Digital Voice Command, Analog Output. (Johnson Controls, Inc. #DVC-AO)	431.40	27.16
28 46	13 31-0859	EA	Digital Voice Command, Keypad. (Johnson Controls, Inc. #DVC-KD)	713.78	54.31
28 46	13 31-0860	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; B Size, Black. (Johnson Controls, Inc. #EQBB-B4)	578.93	81.47
28 46	13 31-0861	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; C Size, Black. (Johnson Controls, Inc. #EQBB-C4)	815.13	81.47
28 46	13 31-0862	EA	Equipment Cabinet Used To House DAA Digital Amplifiers, XP10/6 Series Transponders, AA-Amplifiers, ACPS-610 Or Amperes-24; D Size, Black. (Johnson Controls, Inc. #EQBB-D4)	894.06	81.47
28 46	13 31-0863	EA	Equipment Cabinet Door; B Size Black. (Johnson Controls, Inc. #EQDR-B4)	485.29	10.87
28 46	13 31-0864	EA	Equipment Cabinet Door; C Size Black. (Johnson Controls, Inc. #EQDR-C4)	733.82	10.87
28 46	13 31-0865	EA	Equipment Cabinet Door; D Size Black. (Johnson Controls, Inc. #EQDR-D4)	806.92	10.87
28 46	13 31-0866	EA	6.0 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S6)	938.33	108.63
			Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions		
28 46	13 31-0867	EA	80 Amperes, 120 Volt AC Remote Charger Power Supply (Johnson Controls, Inc. #FCPS-24S8)	1,244.51	108.63
			Note: Includes Main Printed Circuit Board, Transformers And Installation Instructions		
28 46	13 31-0868	EA	80 Character Display Annunciator. "Security Keypad" Mechanical Design. For Use With The IFC-320, JCPU2-640, JCPU-640 And IFC-400/300 (Rev 3.62+) Only. (Johnson Controls, Inc. #FDU-80G)	1,189.05	81.47
28 46	13 31-0869	EA	Fireman's Telephone Hand Set. (Johnson Controls, Inc. #FHS)	220.11	13.58
28 46	13 31-0870	EA	Fire Phone Storage Cabinet, Recessed, Holds 6 Phones. (Johnson Controls, Inc. #FHSC-R)	627.87	27.16
28 46	13 31-0871	EA	Door Holder, Magnetic, Floor. (Johnson Controls, Inc. #FM980)	321.61	40.74
28 46	13 31-0872	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM996)	259.41	40.74
28 46	13 31-0873	EA	Door Holder, Magnetic, Wall. (Johnson Controls, Inc. #FM998)	273.56	40.74
28 46	13 31-0874	EA	Addressable Beam Detector. (Johnson Controls, Inc. #FSB-200)	2,321.62	54.31
28 46	13 31-0875	EA	Addressable Beam Detector With Remote Test Feature. (Johnson Controls, Inc. #FSB-200S)	2,840.72	54.31
28 46	13 31-0876	EA	Intelligent Addressable HARSH (Hostile Area Smoke Head) Detector; Photo, Requires B501B-FTXJ Base. (Johnson Controls, Inc. #FTX-P2J)	854.01	27.16
28 46	13 31-0877	EA	IFC-320 Intelligent Fire Alarm Panel; Single Printed Circuit Board With One SLC Loop (318 Devices), Back-lit, 80 Character Display, System And Programming Keypad And 6.0 Amperes Power Supply, 120 Volt AC, (Johnson Controls, Inc. #IFC-320)	5,714.10	434.51
			Note: Includes Door, Dress Panel And Back Box, Black		
28 46	13 31-0878	EA	Upgrade Kit, ORG BLD, 640. (Johnson Controls, Inc. #IFC-640UG)	2,865.93	54.31
28 46	13 31-0879	EA	Workstation Only Workstation GUI Software And Hardware Package. (Johnson Controls, Inc. #IFI)	37,687.16	651.77
28 46	13 31-0880	EA	Workstation With NFN Fiber PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-F) Fiber Version. (Johnson Controls, Inc. #IFI-F)	41,195.16	651.77
28 46	13 31-0881	EA	Workstation With Echelon Wire PC Card Workstation GUI Software And Hardware Package For Building Systems Integration, WSSUP Workstation Supervisor. Includes Echelon® Gateway (ECH-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-IP)	46,457.17	651.77
28 46	13 31-0882	EA	Workstation With NFN Wire PC Card Workstation GUI Software And Hardware Package. Includes NFN Gateway (JNFN-GW-PC-W) Wire Version. (Johnson Controls, Inc. #IFI-W)	41,195.16	651.77
28 46	13 31-0883	EA	Annunciator Flush Box. Mounts One Annunciator Module. (Johnson Controls, Inc. #JABF-1B)	274.65	16.29
28 46	13 31-0884	EA	Annunciator Flush Box. One Module. Attractive Glass Door And Key Lock. (Johnson Controls, Inc. #JABF-1DB)	309.73	16.29
28 46	13 31-0885	EA	Annunciator Flush Box. Mounts Two Annunciator Modules. (Johnson Controls, Inc. #JABF-2B)	337.79	16.29
28 46	13 31-0886	EA	Annunciator Flush Box. Mounts Four Annunciator Modules. (Johnson Controls, Inc. #JABF-4B)	635.98	16.29
28 46	13 31-0887	EA	Annunciator Surface Box. Deep With Trim Cover. (Johnson Controls, Inc. #JABS-1TB)	204.13	10.87
28 46	13 31-0888	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Black. (Johnson Controls, Inc. #JABS-2D)	316.07	24.44
28 46	13 31-0889	EA	Surface (or Semi-flush) Mount Backbox. Used With The INA, ACS Annunciators, SCS Series, JNCA And JNCA-2 Red. (Johnson Controls, Inc. #JABS-2DR)	336.19	24.44
28 46	13 31-0890	EA	Surface (or Semi-flush) Mount INA, ACS, Or SCS Backbox, Black. (Johnson Controls, Inc. #JABS-4D)	624.18	24.44
28 46	13 31-0891	EA	Audio Command Door For CAB-B4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-B4)	626.87	10.87
28 46	13 31-0892	EA	Audio Command Door For CAB-C4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-C4)	846.12	10.87
28 46	13 31-0893	EA	Audio Command Door For CAB-D4, Black; Required When Using CA-2. (Johnson Controls, Inc. #JADDR-D4)	1,047.83	10.87
28 46	13 31-0894	EA	Addressable Pull Station; With FlashScan. (Johnson Controls, Inc. #JBG-12LX)	287.01	27.16
28 46	13 31-0895	EA	Battery Dress Panel For CAB-4 Series; For Use With The JCPU2-3030, JCPU2-640, JNCA-2, And DVC Systems. (Johnson Controls, Inc. #JBP2-4)	134.53	10.87
28 46	13 31-0896	EA	JCPU2-3030 CPU With 640-character Display; Required For Single Panel (One CPU2-3030) Systems. Includes: CPU, 640-Character Backlit LCD Display, QWERTY Programming And Control Keypad, Installation, Programming And Operating Manuals. Supports One To 10 Signaling Line Circuits (Up To Five LCM-320 And Five LEM-320). Order One Per System Or As Necessary (Up To 103 Network Nodes) For A Networked System. Requires Top Row Of A Cabinet. (Johnson Controls, Inc. #JCPU2-3030D)	5,700.83	434.51

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-0897 EA Central Processing Unit For The JCPU2-640 With Integral 120 Volt AC Power Supply (Johnson Controls, Inc. #JCPU2-640).....	4,111.72	325.88
Note: Includes CHS2-M2 Chassis		
28 46 13 31-0898 EA Main Board, CPU, IFC3030, DI. (Johnson Controls, Inc. #JCPU-3030D).....	7,442.21	434.51
28 46 13 31-0899 EA Main Board, CPU, IFC640. (Johnson Controls, Inc. #JCPU-640).....	7,176.80	325.88
28 46 13 31-0900 EA Main Board, CPU, IFC640, EUR. (Johnson Controls, Inc. #JCPU-640E).....	5,142.52	325.88
28 46 13 31-0901 EA Digital Voice Command, Extended Memory. (Johnson Controls, Inc. #JDVC-EM).....	2,858.60	40.74
28 46 13 31-0902 EA Digital Voice Command, Extended Memory, Multi-Fiber. (Johnson Controls, Inc. #JDVC-EMF).....	2,887.87	40.74
28 46 13 31-0903 EA Digital Voice Command, Extended Memory, Single-Fiber. (Johnson Controls, Inc. #JDVC-EMSF).....	2,887.87	40.74
28 46 13 31-0904 EA Annunciator, Network Control. (Johnson Controls, Inc. #JNCA).....	3,415.83	54.31
28 46 13 31-0905 EA Network Control Annunciator-2, 640-characters; On Single Panel (one JCPU2-640) JCPU2-640 Systems, The JNCA-2 Can Be The Primary Display For The Panel And Connects Directly To The JCPU2-640. On Network Systems (Two Or More JCPU2-640's), One Network Display (Either JNCA-2 Or IFW) Is Required For Every System And Each JNCA-2 Connects To And Requires An NCM Network Control Module. Mounts In A Row Of FACP Node Or In Two Annunciator Module Positions. (Johnson Controls, Inc. #JNCA-2).....	2,892.23	54.31
Note: Mounting Includes: NCA/640-2-Kit (directly Mounting To The CHS2-M2), CA-2, ADP-4B, Or In An Annunciator Box, Such As The ABS-2DB (requires The CHS-2D).		
28 46 13 31-0906 EA Mass Notification Voice Paging; Requires JNOTIFY-PAA Hardware Package (Sold Separately). (Johnson Controls, Inc. #JNOTIFY-IP).....	2,405.78	325.88
28 46 13 31-0907 EA 160 Character Display Annunciator; For Use With JCPU-3030 And JCPU2-3030. (Johnson Controls, Inc. #LCD-160).....	2,049.65	54.31
28 46 13 31-0908 EA 80 Character LCD Annunciator. Mounts In ABS-1T, ABF-1D, ABF-2D, Or Flush Back Box. (Johnson Controls, Inc. #LCD-80).....	1,682.99	54.31
28 46 13 31-0909 EA Loop Control Module. Each LCM May Be Expanded To Two Loops By Adding A LEM-320. IFC2- 3030 And IFC-3030 Only. (Johnson Controls, Inc. #LCM-320).....	2,719.27	54.31
28 46 13 31-0910 EA Lamp Driver Annunciator Control Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-32).....	842.76	13.58
28 46 13 31-0911 EA Cable 24": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL24).....	269.01	10.87
28 46 13 31-0912 EA Cable 48": LDM TO Annunciator. (Johnson Controls, Inc. #LDM-CBL48).....	332.16	10.87
28 46 13 31-0913 EA Lamp Driver Annunciator Expander Module. For Use With Custom Graphic Annunciators. 32 Points. (Johnson Controls, Inc. #LDM-E32).....	677.92	13.58
28 46 13 31-0914 EA Relay Module. 32 Form-A Contacts. Connects To LDM-32 Or LDM-E32. (Johnson Controls, Inc. #LDM-R32).....	1,247.96	13.58
28 46 13 31-0915 EA Loop Expander Module. Mounts As Daughter Board To LCM-320 To Provide Even Numbered SLC Loops. (Johnson Controls, Inc. #LEM-320).....	2,264.86	13.58
28 46 13 31-0916 EA Addressable Control Module With FlashScan; Configured For One Class A Or Class B NAC. (Johnson Controls, Inc. #M300CJ).....	173.42	13.58
28 46 13 31-0917 EA Addressable Dual Monitor Module; With FlashScan, Two Class B Circuits. (Johnson Controls, Inc. #M300DJ).....	279.01	13.58
28 46 13 31-0918 EA Addressable Monitor Module; With FlashScan; Supervises Either A Class A Or Class B Circuit Of N.D. Dry-contact Input Devices. (Johnson Controls, Inc. #M300MJ).....	135.17	13.58
28 46 13 31-0919 EA Addressable Relay Module With FlashScan; Provides Two Form-C Dry Contacts That Switch Together. (Johnson Controls, Inc. #M300RJ).....	191.49	13.58
28 46 13 31-0920 EA Addressable Mini Module With FlashScan; Supervises A Class B Circuit Of N.D. Dry-contact Devices. (Johnson Controls, Inc. #M301MJ).....	149.96	13.58
28 46 13 31-0921 EA Addressable 2-Wire Detector Monitor Module; With FlashScan. (Johnson Controls, Inc. #M302MJ).....	247.38	13.58
28 46 13 31-0922 EA Addressable Firephone Control Module With Flashscan. (Johnson Controls, Inc. #M500FPJ).....	282.75	13.58
28 46 13 31-0923 EA SLC Loop Isolator Module; Isolates Against Short Circuits On The SLC. (Johnson Controls, Inc. #M500XJ).....	157.49	13.58
28 46 13 31-0924 EA Network INTFC, P2P, Wire. (Johnson Controls, Inc. #MIB-W).....	2,382.72	40.74
28 46 13 31-0925 EA Network Adapter, Fiber. (Johnson Controls, Inc. #NAM-232F).....	2,122.27	27.16
28 46 13 31-0926 EA Network Adapter, Wire. (Johnson Controls, Inc. #NAM-232W).....	1,960.90	27.16
28 46 13 31-0927 EA Plate, Retrofit, NCA-2. (Johnson Controls, Inc. #NCA-2RETRO).....	72.26	5.43
28 46 13 31-0928 EA Network Control Module - Multi Mode Fiber; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-F).....	1,714.31	27.16
28 46 13 31-0929 EA Network Control Module - Wire; Order One NCM Per Network Node (JCPU-640/3030, JNCA, JCPU2-640/3030, JNCA-2, DVC, Etc). (Johnson Controls, Inc. #NCM-W).....	1,631.99	27.16
28 46 13 31-0930 EA NFV-25/50. (Johnson Controls, Inc. #NFV-25/50).....	4,171.51	54.31
28 46 13 31-0931 EA NU-RPT101-1U RS485. (Johnson Controls, Inc. #NU-RPT101-1U).....	1,154.79	27.16
28 46 13 31-0932 EA Key Switch, Remote Control. (Johnson Controls, Inc. #RKS-S).....	314.62	10.87
28 46 13 31-0933 EA Microphone Assembly For Mounting To An ADP-4 Dress Panel. (Johnson Controls, Inc. #RM-1).....	726.11	27.16
28 46 13 31-0934 EA Microphone Assembly For Mounting In An CAB-RM Cabinet. (Johnson Controls, Inc. #RM-1SA).....	726.11	27.16
28 46 13 31-0935 EA Remote Page Jack. Allows Remote All-Call Paging. (Johnson Controls, Inc. #RPJ-1).....	193.63	10.87
28 46 13 31-0936 EA SA-WBB, Weatherproof. (Johnson Controls, Inc. #SA-WBB).....	50.53	5.43
28 46 13 31-0937 EA SA-WBBC, Weatherproof. (Johnson Controls, Inc. #SA-WBBC).....	50.53	5.43
28 46 13 31-0938 EA Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCR).....	186.73	40.74
28 46 13 31-0939 EA Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCRH).....	211.27	40.74
28 46 13 31-0940 EA Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SCRHK).....	250.20	46.16
28 46 13 31-0941 EA Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SCRK).....	246.68	46.16
28 46 13 31-0942 EA Smoke Control Master; Includes Eight On/off/auto Switches. Supports One SCE-8. Includes Manual, Slide-in Labels. Mounts In ADP-4 Or ABS-4D. (Johnson Controls, Inc. #SCS-8).....	1,723.96	108.63
28 46 13 31-0943 EA Smoke Control Lamp Driver. Outputs For 8 On/off/auto Switches With LED's. Intended For Custom Built Smoke Control Stations. Support One SCE-8L. (Johnson Controls, Inc. #SCS-8L).....	1,338.06	108.63
28 46 13 31-0944 EA Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW).....	186.73	40.74
28 46 13 31-0945 EA Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SCWH).....	211.27	40.74
28 46 13 31-0946 EA Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SCW-P).....	186.73	40.74
28 46 13 31-0947 EA Mounting Kit, M300/M500. (Johnson Controls, Inc. #SMB500).....	32.86	10.87
28 46 13 31-0948 EA SMK-MOV Kit-LON. (Johnson Controls, Inc. #SMK-MOVKit-LON).....	39.02	5.43
28 46 13 31-0949 EA SMK-MOV Kit-MSTP. (Johnson Controls, Inc. #SMK-MOVKit-MSTP).....	44.66	5.43
28 46 13 31-0950 EA SPBBS, Wall, Back Box. (Johnson Controls, Inc. #SPBBS).....	39.07	5.43
28 46 13 31-0951 EA Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR).....	169.80	40.74
28 46 13 31-0952 EA Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH).....	211.27	40.74
28 46 13 31-0953 EA Strobe, HI, Outdoor, Red. (Johnson Controls, Inc. #SRHK).....	250.20	46.16
28 46 13 31-0954 EA Strobe, HI, 12/24 Volt DC, Red (Johnson Controls, Inc. #SRH-P).....	211.27	40.74
28 46 13 31-0955 EA Strobe, Standard, Outdoor, Red. (Johnson Controls, Inc. #SRK).....	246.68	46.16
28 46 13 31-0956 EA Strobe, Standard, 12/24 Volt DC, Red (Johnson Controls, Inc. #SR-P).....	186.73	40.74
28 46 13 31-0957 EA Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW).....	186.73	40.74

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-0958	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH).....	211.27	40.74
28 46	13 31-0959	EA	Strobe, HI, 12/24 Volt DC, White (Johnson Controls, Inc. #SWH-P).....	211.27	40.74
28 46	13 31-0960	EA	Strobe, Standard, 12/24 Volt DC, White (Johnson Controls, Inc. #SW-P).....	186.73	40.74
28 46	13 31-0961	EA	Firefighter's Telephone Handset Only. (Johnson Controls, Inc. #TELH-1).....	270.95	13.58
28 46	13 31-0962	EA	Universal Digital Alarm Communicator Transmitter. (Johnson Controls, Inc. #UDACT).....	1,197.40	54.31
28 46	13 31-0963	EA	Speaker Strobe, Ceiling, White, 2 W (MAX), Dual Voltage, Multi (Johnson Controls, Inc. #SPSCW).....	278.60	54.31
28 46	13 31-0964	EA	Speaker, White, Ceiling Mount. (Johnson Controls, Inc. #SPCW).....	117.97	27.16
28 46	13 31-0965	EA	Speaker, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPCWV).....	117.97	27.16
28 46	13 31-0966	EA	Speaker Strobe, Red, Ceiling Mount, Standard Candela. (Johnson Controls, Inc. #SPSCR).....	224.28	27.16
28 46	13 31-0967	EA	Speaker Strobe, Red, Ceiling Mount, High Candela. (Johnson Controls, Inc. #SPSCRH).....	244.62	27.16
28 46	13 31-0968	EA	Speaker Strobe, Red, Ceiling Mount, High Candela, High Db. (Johnson Controls, Inc. #SPSCRHV).....	244.62	27.16
28 46	13 31-0969	EA	Speaker Strobe, White, Ceiling Mount, High Db. (Johnson Controls, Inc. #SPSCWV).....	216.20	27.16
28 46	13 31-0970	EA	Speaker Strobe Wall, WP, White, 2W (MAX), Dual Volt, Multi D (Johnson Controls, Inc. #SPSWK).....	297.62	27.16
28 46	13 31-0971	EA	Speaker Strobe, Wall, White, Standard Candela. (Johnson Controls, Inc. #SPSW).....	224.28	27.16
28 46	13 31-0972	EA	Wall Mount Speaker, White. (Johnson Controls, Inc. #SPW).....	117.97	27.16
28 46	13 31-0973	EA	Wall Mount Speaker, Red. (Johnson Controls, Inc. #SPR).....	117.97	27.16
28 46	13 31-0974	EA	Speaker Strobe, Wall, White, High Cd. (Johnson Controls, Inc. #SPSWH).....	244.62	27.16
28 46	13 31-0975	EA	Speaker Strobe, Wall, Red, High Cd. (Johnson Controls, Inc. #SPSR).....	224.28	27.16
28 46	13 31-0976	EA	Speaker Strobe, Wall, Red, High Db, High Candela. (Johnson Controls, Inc. #SPSRV).....	224.28	27.16
28 46	13 31-0977		Honeywell Fire Alarm (28 46 13 31)		
28 46	13 31-0978		Notifier Fire Alarm (28 46 13 31-0977)		
28 46	13 31-0979		Fire Alarm Control Panel And Accessories (28 46 13 31-0978)		
28 46	13 31-0980	EA	NFS2-3030 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-3030D).....	5,802.36	543.14
28 46	13 31-0981	EA	NFS2-640 CPU For Intelligent Fire Alarm Control Panel (Notifier CPU2-640).....	4,750.14	543.14
28 46	13 31-0982	EA	Central Processing Unit for NFS2-640 With Integral 240 Volt Power Supply Includes Chassis (Notifier CPU2-640E).....	4,467.72	543.14
28 46	13 31-0983	EA	Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320).....	5,789.98	543.14
28 46	13 31-0984	EA	Supports Installation Of Optional ACM-Series Annunciator In Same Cabinet, Black, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320C).....	5,839.93	543.14
28 46	13 31-0985	EA	Black, 240 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320E).....	5,681.56	543.14
28 46	13 31-0986	EA	Red, 120 Volt AC, Intelligent Fire Alarm Control Panel (Notifier NFS-320R).....	5,530.34	543.14
28 46	13 31-0987	EA	Two-Tone Sequential Module (Notifier 2TTM).....	386.52	27.16
28 46	13 31-0988	EA	5', Not Low Loss, Antenna Cable (Notifier 7626-5C).....	97.79	5.43
28 46	13 31-0989	EA	25', Low Loss, Antenna Cable (Notifier 7626-25HC).....	187.23	10.87
28 46	13 31-0990	EA	50', Low Loss, Antenna Cable (Notifier 7626-50HC).....	284.42	16.29
28 46	13 31-0991	EA	IPGSM-COM, IPGSM-COMa Handheld Programmer (Notifier 7720P).....	461.99	
28 46	13 31-0992	EA	RJ45-DB9F Serial Programming Cable (Notifier ALMSC-119).....	75.89	
28 46	13 31-0993	EA	120 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS).....	5,411.27	543.14
28 46	13 31-0994	EA	240 Volt AC Power Supply, Chassis, 80-Character Display, Keypad, NFS-320SYS CPU (Notifier CPU-320SYS).....	5,469.62	543.14
28 46	13 31-0995	EA	3 dB Gain External/Remote Antenna (Notifier GSM-ANT3dB).....	245.44	5.43
28 46	13 31-0996	EA	Plug In Transformer Box For IPGSM Communicator (Notifier HPTCOVER).....	73.98	5.43
28 46	13 31-0997	EA	Mounting Bracket Kit For SFB-5UD, SFB-10UD, NFW2-100 And NFW-50 (Notifier IPBRKT).....	103.58	10.87
28 46	13 31-0998	EA	Chassis To Mount IP Communicator In CHSA Series Chassis (Notifier IPCHSKIT).....	100.98	13.58
28 46	13 31-0999	EA	IP Communicator (Notifier IPDACT-2).....	792.54	27.16
28 46	13 31-1000	EA	IP Communicator With Upload/Download Capability (Notifier IPDACT-2UD).....	921.14	27.16
28 46	13 31-1001	EA	Red, IP Communicator External Mounting Enclosure (Notifier IPENC).....	206.72	27.16
			Note: Includes IPBRKT.		
28 46	13 31-1002	EA	Black, IP Communicator External Mounting Enclosure (Notifier IPENC-B).....	206.12	27.16
			Note: Includes IPBRKT		
28 46	13 31-1003	EA	Dual 8TPC To Single 8TPC Y-Splitter With Two 9" Cables For Combining Panel Phone Jacks To One IPDACT Input (Notifier IPSPLT).....	51.13	10.87
28 46	13 31-1004	EA	Loop Control Module (Notifier LCM-320).....	2,184.17	54.31
28 46	13 31-1005	EA	Loop Expander Module (Notifier LEM-320).....	1,820.86	54.31
28 46	13 31-1006	EA	Keyboard Display Module For CPU2-640 (Notifier KDM-R2).....	1,654.62	54.31
28 46	13 31-1007	EA	7' DACT Phone Cord (Notifier MCBL-7).....	24.80	
28 46	13 31-1008	EA	Backbox For UDACT, With Viewing Window And Optional Relay Mount (Notifier UBS-1).....	225.41	13.58
28 46	13 31-1009	EA	Red, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1R).....	252.56	27.16
28 46	13 31-1010	EA	Black, Metal Enclosure With Solid Door For Remote Mounting Of The UDACT-2 (Notifier UBS-1B).....	252.56	27.16
28 46	13 31-1011	EA	Universal Digital Alarm Communicator Transmitter (Notifier UDACT-2).....	831.06	27.16
28 46	13 31-1012	EA	Universal Zone Coder (Notifier UZC-256).....	1,160.20	27.16
28 46	13 31-1013	EA	Hardware Kit To Connect UZC-256 To A PC (Notifier UZC-HI).....	363.04	
			Note: Includes null modem cable, AC power adapter, and 9-pin to 25-pin converter.		
28 46	13 31-1014	EA	Programming Software For ONYX Series Products, DVC And Associated Amplifiers, DVC-RPU And UDACT-2 (Notifier VERIFIRE-TCD).....	875.01	
28 46	13 31-1015	EA	ONYX Series Verifire Tools Upgrade (Notifier VERIFIREUG-TCD).....	546.13	
28 46	13 31-1016	EA	Central Station Receiver For Fire And Security (Notifier VISORALARM-PLUS).....	5,178.04	16.29
28 46	13 31-1017	EA	Surface Back Box For NFG-12LRA (Notifier SBA-10).....	53.47	13.58
28 46	13 31-1018	EA	Up To 50 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-50X).....	2,329.32	543.14
28 46	13 31-1019	EA	Up To 198 Addressable Devices Supported, Addressable Fire Alarm Control Panel (Notifier NFW-100X).....	3,406.75	543.14
28 46	13 31-1020		ONYX Cabinets (28 46 13 31-0978)		
28 46	13 31-1021	EA	Red, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4R).....	607.43	13.58
28 46	13 31-1022	EA	Red, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4R).....	816.14	13.58
28 46	13 31-1023	EA	Red, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4R).....	1,009.04	13.58
28 46	13 31-1024	EA	Battery Dress Plate For NFS-640 And NFS-3030 (Notifier BP-4).....	131.42	16.29
28 46	13 31-1025	EA	Chassis Bridge (Notifier CB-1).....	119.74	13.58
28 46	13 31-1026	EA	Four Position Chassis (Notifier CHS-4).....	203.98	13.58
28 46	13 31-1027	EA	Low Profile 1st Row Chassis Assembly For CPU-640 / CPU-640E (Notifier CHS-M2).....	216.61	27.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1028 EA Black, Dress Panel Blank, Covers Unused Cabinet Row(s) (Notifier DP-1B).....	115.34	16.29
28 46 13 31-1029 EA Dress Plate For Top Row With CPU2-3030D (Notifier DP-DISP).....	147.79	16.29
28 46 13 31-1030 EA One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4).....	406.42	27.16
28 46 13 31-1031 EA One Tier, "A" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-A4B).....	256.50	27.16
28 46 13 31-1032 EA Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4).....	513.36	40.74
28 46 13 31-1033 EA Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4B).....	313.92	40.74
28 46 13 31-1034 EA Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4).....	767.47	54.31
28 46 13 31-1035 EA Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4B).....	463.49	54.31
28 46 13 31-1036 EA Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4).....	930.78	67.90
28 46 13 31-1037 EA Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4B).....	537.41	67.90
28 46 13 31-1038 EA Black, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4).....	324.84	13.58
28 46 13 31-1039 EA Black, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4B).....	222.43	13.58
28 46 13 31-1040 EA Red, One Tier, "AA" Size Door Assembly, Lock And Keys (Notifier DR-AA4BR).....	222.43	13.58
28 46 13 31-1041 EA Red, One Tier, "AA" Size Door Assembly With Window, Lock And Keys (Notifier DR-AA4R).....	330.79	13.58
28 46 13 31-1042 EA Red, One Tier, "A" Size Blank Door Assembly, Lock And Keys (Notifier DR-A4BR).....	251.01	13.58
28 46 13 31-1043 EA Red, One Tier, "A" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-A4R).....	420.09	13.58
28 46 13 31-1044 EA Red, Two Tier, "B" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-B4BR).....	286.14	13.58
28 46 13 31-1045 EA Red, Two Tier, "B" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-B4R).....	501.06	13.58
28 46 13 31-1046 EA Red, Three Tier, "C" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-C4BR).....	412.95	13.58
28 46 13 31-1047 EA Red, Three Tier, "C" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-C4R).....	745.15	13.58
28 46 13 31-1048 EA Red, Four Tier, "D" Size Door Assembly, Solid Door, Lock And Keys (Notifier DR-D4BR).....	462.96	13.58
28 46 13 31-1049 EA Red, Four Tier, "D" Size Door Assembly, Lexan Window, Lock And Keys (Notifier DR-D4R).....	892.80	13.58
28 46 13 31-1050 EA Black, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4).....	424.62	27.16
28 46 13 31-1051 EA Black, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4).....	629.42	27.16
28 46 13 31-1052 EA Black, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4).....	738.96	27.16
28 46 13 31-1053 EA Black, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4).....	444.86	27.16
28 46 13 31-1054 EA Black, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4).....	674.66	27.16
28 46 13 31-1055 EA Black, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4).....	788.97	27.16
28 46 13 31-1056 EA Red, Two Tiers, Equipment Backbox Assembly (Notifier EQBB-B4R).....	428.19	27.16
28 46 13 31-1057 EA Red, Three Tiers, Equipment Backbox Assembly (Notifier EQBB-C4R).....	629.42	27.16
28 46 13 31-1058 EA Red, Four Tiers, Equipment Backbox Assembly (Notifier EQBB-D4R).....	748.49	27.16
28 46 13 31-1059 EA Red, Vented, Two Tiers, Equipment Door Assembly (Notifier EQDR-B4R).....	466.29	27.16
28 46 13 31-1060 EA Red, Vented, Three Tiers, Equipment Door Assembly (Notifier EQDR-C4R).....	674.66	27.16
28 46 13 31-1061 EA Red, Vented, Four Tiers, Equipment Door Assembly (Notifier EQDR-D4R).....	788.97	27.16
28 46 13 31-1062 EA Backbox With Door For ONYX Firstvision™ (Notifier FIRSTVISION-ENC).....	3,450.48	135.78
28 46 13 31-1063 EA CAB-4 Series Mounting Kit (Notifier P40-KITB).....	398.42	27.16
Note: Includes chassis, hinged dress plate, and mounting hardware.		
28 46 13 31-1064 EA Black, One Tier Backbox Assembly (Notifier SBB-A4).....	396.76	81.47
28 46 13 31-1065 EA Black, Two Tier Backbox Assembly (Notifier SBB-B4).....	562.50	108.63
28 46 13 31-1066 EA Black, Three Tier Backbox Assembly (Notifier SBB-C4).....	748.18	108.63
28 46 13 31-1067 EA Black, Four Tier Backbox Assembly (Notifier SBB-D4).....	909.77	135.78
28 46 13 31-1068 EA Black, Mini, One Tier, Backbox (Notifier SBB-AA4).....	248.39	27.16
28 46 13 31-1069 EA Red, Mini, One Tier, Backbox (Notifier SBB-AA4R).....	248.39	27.16
28 46 13 31-1070 EA Red, One Tier Backbox Assembly (Notifier SBB-A4R).....	303.17	27.16
28 46 13 31-1071 EA Red, Two Tier Backbox Assembly (Notifier SBB-B4R).....	423.43	27.16
28 46 13 31-1072 EA Red, Three Tier Backbox Assembly (Notifier SBB-C4R).....	622.27	27.16
28 46 13 31-1073 EA Red, Four Tier Backbox Assembly (Notifier SBB-D4R).....	736.58	27.16
28 46 13 31-1074 EA Trim Ring For NFS-320 Cabinet (Notifier TR-320).....	241.56	16.29
28 46 13 31-1075 EA Red, Trim Ring For NFS-320 Cabinet (Notifier TR-320R).....	241.56	16.29
28 46 13 31-1076 EA Black, AA Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-AA4).....	326.69	16.29
28 46 13 31-1077 EA Black, A Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-A4).....	257.63	16.29
28 46 13 31-1078 EA Black, B Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-B4).....	259.42	16.29
28 46 13 31-1079 EA Black, C Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-C4).....	256.44	16.29
28 46 13 31-1080 EA Black, D Size Trim Ring For CAB-4 Or CAB-3 Series Cabinet (Notifier TR-D4).....	262.99	16.29
28 46 13 31-1081 EA 2" Filler Dress Plate For ADP-4B Installed In The Top Row Of A CAB-4 Series Backbox (Notifier VP-2B).....	91.41	16.29
28 46 13 31-1082 EA Wire Trays For Routing Wire In A CAB-4 Series Backbox (Notifier WC-2).....	64.69	5.43
28 46 13 31-1083 NFS2-3030/640 Cabinet Mechanicals (28 46 13 31-0978)		
28 46 13 31-1084 EA Dress Plate For Middle Rows With CPU2-640 (Notifier ADP2-640).....	133.00	16.29
28 46 13 31-1085 EA Blank Module Dress Plate (Notifier BM-1B).....	109.61	16.29
28 46 13 31-1086 EA Battery Dress Plate For NFS2-3030, NFS2-640, NCA-2 And DVC System (Notifier BP2-4).....	124.74	16.29
28 46 13 31-1087 EA Four Position Expansion Chassis (Notifier CHS-4MB).....	318.88	13.58
28 46 13 31-1088 EA Standard 1st Row Chassis Assembly For CPU-3030 (Notifier CHS-M3).....	279.53	40.74
28 46 13 31-1089 EA Dress Plate For Top Row With CPU2-640 (Notifier DP-DISP2).....	138.50	16.29
28 46 13 31-1090 NFS-3030/640 Cabinet Mechanicals (28 46 13 31-0978)		
28 46 13 31-1091 EA Annunciator Dress Plate (Notifier ADP-4B).....	126.12	16.29
28 46 13 31-1092 EA Blank Module Dress Plate (Notifier BMP-1).....	77.98	16.29
28 46 13 31-1093 EA Low Profile Four Position Chassis For AA-30 Or LDM (Notifier CHS-4L).....	177.41	27.16
28 46 13 31-1094 EA Module Dress Plate (Notifier MP-1B).....	127.50	16.29
28 46 13 31-1095 Battery Cabinets (28 46 13 31-0978)		
28 46 13 31-1096 EA Six Position Chassis (Notifier CHS-6).....	112.49	27.16
28 46 13 31-1097 EA Black, 24" x 14" x 7-3/4" Battery Backbox (Notifier NFS-LBB).....	567.32	81.47
28 46 13 31-1098 Digital Voice (28 46 13 31-0978)		
28 46 13 31-1099 EA Chassis Used With BB-XP (Notifier 18439).....	57.52	13.58
28 46 13 31-1100 EA 220 Volt AC, 100 Watt, 70.7 VRMS, Tone Generator, Audio Amplifier (Notifier AA-100E).....	2,373.33	40.74

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-1101	EA	220 Volt AC, 120 Watt, 25 VRMS, Tone Generator, Audio Amplifier (Notifier AA-120E)	2,306.41	40.74
28 46 13 31-1102	EA	220 Volt AC, 30 Watt, 25 VRMS Audio Amplifier (Notifier AA-30E)	1,155.54	40.74
28 46 13 31-1103	EA	Black, Two Tier Door For CA-2 Chassis Configuration (Notifier ADDR-B4)	586.26	40.74
28 46 13 31-1104	EA	Black, Three Tier Door For CA-2 Chassis Configuration (Notifier ADDR-C4)	794.97	54.31
28 46 13 31-1105	EA	Black, Four Tier Door For CA-2 Chassis Configuration (Notifier ADDR-D4)	989.93	67.90
28 46 13 31-1106	EA	Multimode Audio Fiber Link Receiver (Notifier AFL-RM)	1,005.50	27.16
28 46 13 31-1107	EA	Multimode Audio Fiber Link Transmitter (Notifier AFL-TM)	1,005.50	27.16
28 46 13 31-1108	EA	Single Mode Audio Fiber Link Transmitter (Notifier AFL-TS)	2,161.86	27.16
28 46 13 31-1109	EA	15" x 8-3/8" x 3-3/8", Flush Or Surface Mounted Backbox (Notifier AFAWS-BX)	124.50	13.58
28 46 13 31-1110	EA	Flush Mounted, Key Lock, Door (Notifier AFAWS-KR)	212.91	13.58
28 46 13 31-1111	EA	Surface Mounted, Key Lock, Door (Notifier AFAWS-KS)	214.10	13.58
28 46 13 31-1112	EA	Flush Mounted, Latch Style Lock, Door (Notifier AFAWS-LR)	206.96	13.58
28 46 13 31-1113	EA	Surface Mounted, Latch Style Lock, Door (Notifier AFAWS-LS)	209.34	13.58
28 46 13 31-1114	EA	Armored Coil Cord, Telephone Chassis (Notifier AFAWS-TELA)	430.81	13.58
28 46 13 31-1115	EA	Coil Cord, Telephone Chassis (Notifier AFAWS-TELC)	328.41	13.58
28 46 13 31-1116	EA	Hammer Attached To Chain, Breakglass Insert (Notifier BRKG-B)	134.70	
28 46 13 31-1117	EA	For 25 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-25V)	597.38	27.16
28 46 13 31-1118	EA	For 70 VRMS DAX Or DAA2 Series, Back-Up Digital Amplifier (Notifier BDA-70V)	602.87	27.16
28 46 13 31-1119	EA	Blank Dress Plate For CA-2 (Notifier BP-CA2)	122.71	13.58
28 46 13 31-1120	EA	One Tier Chassis For Digital Voice Command Panel (Notifier CA-1)	153.34	27.16
28 46 13 31-1121	EA	Two Tier Chassis For Digital Voice Command Panel, With MIC-1 (Notifier CA-2)	485.85	40.74
28 46 13 31-1122	EA	Black, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RM)	246.61	27.16
28 46 13 31-1123	EA	Red, 6.08" x 8.301" x 3.655", Remote Cabinet (Notifier CAB-RMR)	246.61	27.16
28 46 13 31-1124	EA	Chassis, Phone Well, TELH-1 And Hardware (Notifier CFFT-1)	324.84	13.58
28 46 13 31-1125	EA	Chassis With Paging Microphone With Well (Notifier CMIC-1)	321.26	13.58
28 46 13 31-1126	EA	120 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025)	2,032.19	27.16
28 46 13 31-1127	EA	Multi-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025F)	1,871.71	27.16
28 46 13 31-1128	EA	Single-Mode Fiber-Optic Media 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-5025SF)	1,871.71	27.16
28 46 13 31-1129	EA	120 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070)	2,098.21	27.16
28 46 13 31-1130	EA	Multi-Mode Fiber-Optic Media 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA-5070F)	2,036.93	27.16
28 46 13 31-1131	EA	120 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525)	2,179.36	27.16
28 46 13 31-1132	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,449.98	27.16
28 46 13 31-1133	EA	Single-Mode Fiber-Optic Media 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA-7525SF)	2,449.98	27.16
28 46 13 31-1134	EA	220-240 Volt AC, 50 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-5025E)	1,931.47	27.16
28 46 13 31-1135	EA	220-240 Volt AC, 50 Watt, 70 VRMS Digital Audio Amplifier (Notifier DAA2-5070E)	1,986.32	27.16
28 46 13 31-1136	EA	220-240 Volt AC, 75 Watt, 25 VRMS Digital Audio Amplifier (Notifier DAA2-7525E)	2,071.90	27.16
28 46 13 31-1137	EA	120 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525)	1,309.40	27.16
28 46 13 31-1138	EA	220-240 Volt AC, 35 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-3525E)	1,344.51	27.16
28 46 13 31-1139	EA	120 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570)	1,376.33	27.16
28 46 13 31-1140	EA	220-240 Volt AC, 35 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-3570E)	1,422.41	27.16
28 46 13 31-1141	EA	120 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025)	1,432.28	27.16
28 46 13 31-1142	EA	220-240 Volt AC, 50 Watt, 25 VRMS, Digital Audio Amplifier (Notifier DAX-5025E)	1,475.07	27.16
28 46 13 31-1143	EA	120 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070)	1,517.85	27.16
28 46 13 31-1144	EA	220-240 Volt AC, 50 Watt, 70 VRMS, Digital Audio Amplifier (Notifier DAX-5070E)	1,594.65	27.16
28 46 13 31-1145	EA	Dress Plate For CFFT-1 (Notifier DP-CFFT)	142.96	13.58
28 46 13 31-1146	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel (Notifier DPA-1)	119.24	16.29
28 46 13 31-1147	EA	Dress Panel For One Tier Chassis For Digital Voice Command Panel, Supports Keypad (Notifier DPA-1A4)	138.50	16.29
28 46 13 31-1148	EA	Dress Panel For Two Tier Chassis For Digital Voice Command Panel (Notifier DPA-2B)	241.66	16.29
28 46 13 31-1149	EA	WPS Power Amplifier (Notifier DPA3204P)	710.38	27.16
28 46 13 31-1150	EA	WPS Power Amplifier (Notifier DPA4001P)	597.38	27.16
28 46 13 31-1151	EA	Modem Interface For Direct Wire (No Dial-Up Capabilities) For Interconnecting Panels (Notifier DPI-232)	1,360.97	27.16
28 46 13 31-1152	EA	120 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMP)	1,015.38	27.16
28 46 13 31-1153	EA	Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V 220-240 Volt AC, 125 Watt, 25 VRMS Digital Series Amplifier (Notifier DS-AMPE)	1,027.45	27.16
28 46 13 31-1154	EA	Note: Can Be Converted To 70 VRMS, 100 Watts With A DS-XF70V Digital Series Distribution Board, Supports One To Four DS-AMP Or DS-AMPE (Notifier DS-DB)	1,718.63	27.16
28 46 13 31-1155	EA	125 Watt, 25 VRMS DS Series Backup Amplifier Board (Can Be Converted To 70 VRMS, 100 Watt Amplifier With A DS-XF70V) (Notifier DS-BDA)	663.21	27.16
28 46 13 31-1156	EA	Converts One DAX Or DAA2 DAL Port To Multi-Mode Fiber, Fiber Option Module (Notifier DS-FM)	373.42	27.16
28 46 13 31-1157	EA	Converts One DAX Or DAA2 Port To ST Style Multi-Mode Fiber (For Connection To DVC-EMF Or DAA-XXXF Series Amplifier), Fiber Option Module (Notifier DS-RFM)	373.42	27.16
28 46 13 31-1158	EA	Converts One DAX Or DAA2 DAL Port To Single-Mode Fiber, Fiber Option Module (Notifier DS-SFM)	373.42	27.16
28 46 13 31-1159	EA	Converts DS-AMP, DS-AMPE, Or DS-BDA To 70 VRMS, 100 Watt, DS Series Transformer (Notifier DS-XF70V)	153.44	27.16
28 46 13 31-1160	EA	Analog Output Board For Digital Voice Command (Notifier DVC-AO)	350.03	27.16
28 46 13 31-1161	EA	Extended Memory For Digital Voice Command (Notifier DVC-EM)	2,048.70	27.16
28 46 13 31-1162	EA	Keypad For Digital Voice Command (Notifier DVC-KD)	583.16	54.31
28 46 13 31-1163	EA	Microphone For NFC-50/100, NFC-LOC, NFC-RPU And NFC-RM (Notifier ECC-MICROPHONE)	302.59	
28 46 13 31-1164	EA	Portable Fireman's Telephone Handset (Notifier FHS)	180.54	
28 46 13 31-1165	EA	Red, Fireman's Telephone Handset (Notifier FHS-F)	209.72	
28 46 13 31-1166	EA	Recessed, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-R)	518.68	27.16
28 46 13 31-1167	EA	Surface Mounted, Fireman's Handset Storage Cabinet, Holds Six Handsets (Notifier FHSC-S)	518.68	27.16
28 46 13 31-1168	EA	Fireman's Phone Jack On A Single Gang Plate (Notifier FPJ)	83.21	8.15
28 46 13 31-1169	EA	Paging Microphone Only (Notifier MIC-1)	234.49	27.16
28 46 13 31-1170	EA	Firefighter's Telephone Handset (Notifier TELH-1)	206.74	
28 46 13 31-1171	EA	Remote Microphone Assembly For Mounting On An ADP-4 Dress Plate (Notifier RM-1)	589.36	27.16
28 46 13 31-1172	EA	Remote Microphone Assembly For Mounting In A Stand Alone Cabinet (Notifier RM-1SA)	589.36	27.16

28 46 13 31-1173 Amplifiers (28 46 13 31-0978)

28 46 13 31-1174	EA	30 Watt Audio Amplifier At 25 VRMS, 120 Volt AC (Notifier AA-30)	1,139.53	27.16
28 46 13 31-1175	EA	100 Watt Audio Amplifier At 70.7 VRMS, 120 Volt AC, Tone Generator (Notifier AA-100)	2,494.34	27.16
28 46 13 31-1176	EA	120 Watt Audio Amplifier At 25 VRMS, 120 Volt AC, Tone Generator (Notifier AA-120)	2,422.82	27.16
28 46 13 31-1177	EA	Audio Coupling Transformer (Notifier ACT-1)	168.47	27.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1178 EA Audio Coupling Transformer For DVC-AO (Notifier ACT-4).....	198.73	27.16
28 46 13 31-1179 EA Audio Coupling Transformer For DAA-5025 (Notifier ACT-25).....	198.73	27.16
28 46 13 31-1180 EA Audio Coupling Transformer For DAA-5070 (Notifier ACT-70).....	198.73	27.16
28 46 13 31-1181 EA 50 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5025).....	1,849.18	27.16
28 46 13 31-1182 EA 50 Watt, 70 Volt, 120 VAC Digital Amplifier (Notifier DAA2-5070).....	1,912.81	27.16
28 46 13 31-1183 EA 75 Watt, 25 Volt, 120 VAC Digital Amplifier (Notifier DAA2-7525).....	1,987.42	27.16
28 46 13 31-1184 EA Distributed Amplifier With Backup Capability (Notifier NFC-50/100DA).....	3,630.89	27.16
Note: Requires NFC-BDA-BU		
28 46 13 31-1185 EA 50 Watt, 25 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25V).....	718.06	27.16
Note: Requires NFC-BDA-BU		
28 46 13 31-1186 EA 50 Watt, 70 Volt Amplifier For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70V).....	721.35	27.16
Note: Requires NFC-BDA-BU		
28 46 13 31-1187 FireVoice-25/50 Emergency Voice Evacuation Control Panels (28 46 13 31-0978)		
28 46 13 31-1188 EA 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50).....	4,894.57	543.14
28 46 13 31-1189 EA Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50DA).....	3,399.35	543.14
28 46 13 31-1190 EA Single Channel 25 Watt, 25 VRMS Voice Evacuation Control Panel Used With NFV-25/50ZS (Notifier NFV-25/50DAZS).....	4,473.27	543.14
28 46 13 31-1191 EA Zoned System 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZS).....	5,877.62	543.14
28 46 13 31-1192 EA Zoned System With Telephone 25 Watt, 25 VRMS Voice Evacuation Control Panel (Notifier NFV-25/50ZST).....	6,521.98	543.14
28 46 13 31-1193 System Printer (28 46 13 31-0978)		
28 46 13 31-1194 EA 80 Column, 120 Volt AC, Desktop Printer (Notifier PRN-6).....	2,477.84	27.16
28 46 13 31-1195 Batteries (28 46 13 31-0978)		
28 46 13 31-1196 EA 5 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1250-BP).....	674.66	27.16
28 46 13 31-1197 EA 7 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-1270-BP).....	524.71	27.16
28 46 13 31-1198 EA 12 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12120-BP).....	692.51	27.16
28 46 13 31-1199 EA 18 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12180-BP).....	400.92	27.16
28 46 13 31-1200 EA 26 Ampere Hours, 12 Volt DC, Sealed Battery Pack (Notifier BAT-12260-BP).....	563.22	27.16
28 46 13 31-1201 EA 55 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-12550).....	561.85	27.16
28 46 13 31-1202 EA 100 Ampere Hours, 12 Volt DC, Sealed Battery (Notifier BAT-121000).....	898.56	27.16
28 46 13 31-1203 Battery Backboxes And Miscellaneous Mechanicals (28 46 13 31-0978)		
28 46 13 31-1204 EA 14-1/2" x 8-1/4" x 4-3/4", Holds Up To Two BAT-12180 Batteries, Battery Backbox (Notifier BB-17).....	179.79	21.72
28 46 13 31-1205 EA 24" x 12.55" x 5.218", Mounts Up To Six XP6 Boards Or ACPS-610, Cabinet (Notifier BB-25).....	307.79	21.72
Note: XP6 modules require a CHS-6.		
28 46 13 31-1206 EA 15.6" x 15.5" x 5.152", Mounts Up To Two 26 Ampere Hours And Charger, Battery Backbox (Notifier BB-26).....	434.58	108.63
28 46 13 31-1207 EA Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH).....	218.77	54.31
28 46 13 31-1208 EA Holds Up To Two BAT-12120 12 Ampere Hours Batteries, Battery Holder (Notifier CHS-BH1).....	130.16	13.58
28 46 13 31-1209 EA Battery Bracket For Two 26 Ampere Hours Batteries (Notifier SEISKIT-BB25).....	326.47	21.72
28 46 13 31-1210 EA Two 26 Ampere Hours Battery Bracket Seismic Kit For CAB-4 Series Cabinets (Notifier SEISKIT-CAB).....	243.49	21.72
28 46 13 31-1211 EA Two 12 Ampere Hours Battery Bracket Seismic Kit For DAX, DAA, And DAA2 Series Amplifiers (Notifier SEISKIT-DAA).....	271.47	21.72
28 46 13 31-1212 EA Two 55 Ampere Hours Battery Bracket Seismic Kit For NFS-LBB (Notifier SEISKIT-LBB).....	289.92	21.72
28 46 13 31-1213 EA Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For FIREVOICE 25/50 Series (Notifier SEISKIT-2550).....	435.19	21.72
28 46 13 31-1214 EA Two 26 Ampere Hour Battery Bracket Seismic Kit For NFS-320 And BB-26 Series (Notifier SEISKIT-320/B26).....	254.20	21.72
28 46 13 31-1215 EA Two 100 Ampere Hour Battery Bracket Seismic Kit For BB-100 And BB-200 Series (Notifier SEISKIT-BB100).....	363.75	21.72
Note: Two kits are required for the BB-200		
28 46 13 31-1216 EA Two 18 Ampere Hour Battery Bracket Seismic Kit For BB-17 Series (Notifier SEISKIT-BB17).....	313.74	21.72
Note: Two kits are required for the BB-200		
28 46 13 31-1217 EA Two 26 Ampere Hour Battery Bracket Seismic Kit For BB-25 Series (Notifier SEISKIT-BB25).....	320.88	21.72
Note: Two kits are required for the BB-200		
28 46 13 31-1218 EA Two 7, 12, Or 18 Ampere Hour Battery Bracket Seismic Kit For SFP-5UD, SFP-10UD, Firewarden 100-2, RP-2001, And RP-2002 Series (Notifier SEISKIT-COMMENC).....	279.21	21.72
Note: Two kits are required for the BB-200		
28 46 13 31-1219 EA Two 7 Or 12 Ampere Hour Battery Bracket Seismic Kit For FCPS-24S6/8, CAB-PS1, SFP-2402 And SFP-2404 Series (Notifier SEISKIT-PS/2/4).....	261.35	21.72
Note: Two kits are required for the BB-200		
28 46 13 31-1220 Power Supplies And Chargers (28 46 13 31-0978)		
28 46 13 31-1221 EA 120 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610).....	1,593.29	40.74
28 46 13 31-1222 EA 220/240 Volt AC, 6 Or 10 Amperes, Addressable Charging Power Supply (Notifier ACPS-610E).....	1,672.28	40.74
28 46 13 31-1223 EA Addressable Power Supply, 120 Volt AC For NFS-3030, NFS2-3030 And NCA-2 (Notifier AMPS-24).....	1,744.73	27.16
28 46 13 31-1224 EA 6A Auxiliary Power Supply (Notifier APS-6R).....	1,001.01	27.16
28 46 13 31-1225 EA 10 Amperes Battery Charger (Notifier BC10A).....	1,217.40	40.74
28 46 13 31-1226 EA 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100).....	664.10	32.59
Note: Holds four 55 ampere hour or two 100 ampere hour batteries		
28 46 13 31-1227 EA Red, 33.34" x 22.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS-3030 Or NFS2-3030 (Notifier BB-100R).....	672.44	32.59
Note: Holds four 55 ampere hour or two 100 ampere hour batteries		
28 46 13 31-1228 EA 30.34" x 36.5" x 7.5", Combination Power Supply And Battery Enclosure For NFS2-3030 (Notifier BB-200).....	937.38	32.59
Note: Holds four 55 ampere hour or four 100 ampere hour batteries		
28 46 13 31-1229 EA 30.34" x 36.5" x 7.5", Holds Four 55 Ampere Hours Or Four 100 Ampere Hours Batteries, For NFS2-3030, Red, Combination Power Supply And Battery Enclosure (Notifier BB-200R).....	937.38	32.59
28 46 13 31-1230 EA 15.218" x 14.5" x 3.562" ACPS Stand-Alone Cabinet (Notifier CAB-PS1).....	225.77	27.16
28 46 13 31-1231 EA 25 To 120 Ampere Hours Battery Charger (Notifier CHG-120).....	1,343.10	27.16

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 13 31-1232	EA	Mounts XPIQ-PS And/Or CHS-BH In A CAB-3/4 Row, Also Mount One ACPS-610 In CAB-3 Row, Chassis Assembly (Notifier CHS-PS).....	100.98	13.58
28 46 13 31-1233	EA	Door Used For Mounting ACPS-610 (E) In a CAB-PS1 Cabinet When Replacing ACPS-2406 (Notifier DR-PS1).....	162.30	13.58
28 46 13 31-1234	EA	8 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8).....	887.83	27.16
28 46 13 31-1235	EA	8.0 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8E).....	922.14	81.47
28 46 13 31-1236	EA	Red, 8 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S8R).....	881.55	81.47
28 46 13 31-1237	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8).....	1,023.07	81.47
28 46 13 31-1238	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8E).....	1,014.30	81.47
28 46 13 31-1239	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CM).....	998.65	40.74
28 46 13 31-1240	EA	Chassis Mounted, 8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF8CME).....	998.65	40.74
28 46 13 31-1241	EA	12 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12).....	1,241.12	40.74
28 46 13 31-1242	EA	12 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPFF12E).....	1,185.16	40.74
28 46 13 31-1243	EA	12 Amperes, 24 Volt DC, 120 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CM).....	1,259.77	81.47
28 46 13 31-1244	EA	12 Amperes, 24 Volt DC, 220 Volt AC, Chassis Mounted, NAC Fire Alarm Power Supply (Notifier HPFF12CME).....	1,259.77	81.47
28 46 13 31-1245	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6).....	861.80	81.47
28 46 13 31-1246	EA	6 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S6E).....	861.80	81.47
28 46 13 31-1247	EA	8 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8).....	932.01	81.47
28 46 13 31-1248	EA	8 Amperes, 24 Volt DC, 220 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF24S8E).....	932.01	81.47
28 46 13 31-1249	EA	6 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF602ULADA).....	744.41	81.47
28 46 13 31-1250	EA	9 Amperes, 24 Volt DC, 120 Volt AC, NAC Fire Alarm Power Supply (Notifier HPF902ULADA).....	881.55	81.47
28 46 13 31-1251	EA	Class A Adapter HPFF8/HPFF12 (Notifier HPP31076).....	190.63	13.58
28 46 13 31-1252	EA	Up To 3 Amperes, Main Power Supply And Charger (Notifier MPS-24A).....	1,458.67	27.16
28 46 13 31-1253	EA	Class A (Style Y) NAC Option Module For FCPS-2406 And FCPS-2408 (Notifier ZNAC-4).....	223.39	27.16
28 46 13 31-1254	EA	240 Volt AC Addressable Power Supply (Notifier AMPS-24E).....	1,833.22	27.16
28 46 13 31-1255	EA	6 Amperes, 120 Volt AC Auxiliary Power Supply (Notifier APS2-6R).....	893.62	81.47
28 46 13 31-1256	EA	6 Amperes, 220-240 Volt AC Auxiliary Power Supply (Notifier APS2-6RE).....	932.01	81.47
28 46 13 31-1257	EA	25 To 75 Ampere Hour Sealed Lead Acid Battery Charger (Notifier CHG-75).....	861.78	27.16
28 46 13 31-1258	EA	6 Amperes, 240 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6E).....	860.70	81.47
28 46 13 31-1259	EA	6 Amperes, 120 Volt AC Remote Charger Power Supply (Notifier FCPS-24S6R).....	839.86	81.47
28 46 13 31-1260		Network Control Annunciators (28 46 13 31-0978)		
28 46 13 31-1261	EA	Network Control Annunciator For NFS2-3030, NFS-3030, NFS-320, NFS-640 And NFS2-640 (Notifier NCA-2).....	2,432.42	81.47
28 46 13 31-1262	EA	Retro-Fit Plate For Mounting NCA2 (Notifier NCA-2RETRO).....	88.98	16.29
28 46 13 31-1263	EA	Kit For Mounting NCA-2 To CHS-M2 (Notifier NCA/640-2-Kit).....	62.85	16.29
28 46 13 31-1264		FIRSTVISION Firefighter's Display (28 46 13 31-0978)		
28 46 13 31-1265	EA	ONYX Firstvision™ Touchscreen Assembly (Notifier FIRSTVISION-LCD).....	18,677.85	543.14
28 46 13 31-1266		FlashScan Addressable Modules (28 46 13 31-0978)		
28 46 13 31-1267	EA	Intelligent Addressable Control Module (Notifier FCM-1).....	204.23	27.16
28 46 13 31-1268	EA	Addressable Dual Monitor Module (Notifier FDM-1).....	228.99	27.16
28 46 13 31-1269	EA	Intelligent Addressable Monitor Module (Notifier FMM-1).....	168.47	27.16
28 46 13 31-1270	EA	Intelligent Addressable Miniature Monitor Module (Notifier FMM-101).....	149.22	27.16
28 46 13 31-1271	EA	Intelligent Addressable 4 - 20mA Analog Input Module (Notifier FMM-4-20).....	315.64	27.16
28 46 13 31-1272	EA	Intelligent Addressable Relay Module (Notifier FRM-1).....	186.78	27.16
28 46 13 31-1273	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier FZM-1).....	259.25	27.16
28 46 13 31-1274	EA	SLC Loop Powered Fault Isolator Module (Notifier ISO-X).....	165.72	27.16
28 46 13 31-1275		Addressable Device Bases And Accessories (28 46 13 31-0978)		
28 46 13 31-1276	EA	Intelligent Detector Base With Flange (Notifier B710LP).....	58.55	13.58
28 46 13 31-1277	EA	Weatherproof Device Housing (Notifier DH4000E-1).....	537.09	27.16
28 46 13 31-1278	EA	Detector Base For All Wireless Smoke And Heat Detectors (Notifier B210W).....	57.52	13.58
28 46 13 31-1279	EA	Swift AV Base Ceiling (Notifier WAV-CRL).....	335.55	13.58
28 46 13 31-1280	EA	Swift AV Base Wall (Notifier WAV-RL).....	335.55	13.58
28 46 13 31-1281		XP6/XP10 Transponder (28 46 13 31-0978)		
28 46 13 31-1282	EA	Synchronization Daughter Module For XP6-C (Notifier SYNC-1).....	148.53	27.16
28 46 13 31-1283	EA	Six Circuit Supervised Control Module (Notifier XP6-C).....	775.04	27.16
28 46 13 31-1284	EA	Six Zone Intelligent To Conventional Interface Module (Notifier XP6-MA).....	940.09	27.16
28 46 13 31-1285	EA	Six Relay Control Module (Notifier XP6-R).....	744.78	27.16
28 46 13 31-1286	EA	Ten Input Monitor Module (Notifier XP10-M).....	898.83	27.16
28 46 13 31-1287		LCD Display Annunciators (28 46 13 31-0978)		
28 46 13 31-1288	EA	80 Character LCD Fire Annunciator For FireWarden-100-2, NFS-640, NFS2-640 And NFS-320 (Notifier FDU-80).....	981.33	81.47
28 46 13 31-1289	EA	80 Character LCD Annunciator For NFS-640, NFS-3030, NFS2-640, NFS2-3030 And NFS-320 (Notifier LCD-80).....	1,387.08	81.47
28 46 13 31-1290	EA	640 Character LCD Annunciator For NFS-3030 And NFS2-3030 (Notifier LCD-160).....	1,436.60	81.47
28 46 13 31-1291	EA	8 To 16 Switch Smoke Control Expander (Notifier SCE-8).....	964.00	27.16
28 46 13 31-1292	EA	8 To 16 Switch Smoke Control Lamp Driver Expander (Notifier SCE-8L).....	505.59	27.16
28 46 13 31-1293	EA	Eight Switch Smoke Control Master Module (Notifier SCS-8).....	1,252.15	27.16
28 46 13 31-1294	EA	White, 80 Character Display, Remote LCD Annunciator (Notifier N-ANN-80-W).....	610.56	81.47
28 46 13 31-1295		ONYX ACM And AEM Series LED Annunciators (28 46 13 31-0978)		
28 46 13 31-1296	EA	Remote, Eight Form C Relay Module (Notifier ACM-8R).....	547.26	27.16
28 46 13 31-1297	EA	16 Alarm LEDs, 16 Trouble LEDs, 16 Controls Switches, Annunciator Control Module (Notifier ACM-16AT).....	1,029.50	27.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1298 EA 16 Alarm LEDs, 16 Trouble LEDs, 16 Control Switches, Annunciator Expander Module (Notifier AEM-16AT).....	786.04	27.16
28 46 13 31-1299 EA 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Control Module (Notifier ACM-24AT).....	1,029.50	27.16
28 46 13 31-1300 EA 24 Alarm LEDs, 24 Trouble LEDs, 24 Control Switches, Annunciator Expander Module (Notifier AEM-24AT).....	786.04	27.16
28 46 13 31-1301 EA 32 Alarm LEDs And 1 Trouble LED, Control Module (Notifier ACM-32A).....	786.04	27.16
28 46 13 31-1302 EA 32 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-32A).....	703.52	27.16
28 46 13 31-1303 EA 48 Alarm And 1 Trouble LED Annunciator Control Module (Notifier ACM-48A).....	786.04	27.16
28 46 13 31-1304 EA 48 Alarm And 1 Trouble LED, Annunciator Expander Module (Notifier AEM-48A).....	703.52	27.16
28 46 13 31-1305	Graphic Annunciator - Lamp Driver Modules <small>(28 46 13 31-0978)</small>	
28 46 13 31-1306 EA Single Annunciator Flush Mounted Backbox (Notifier ABF-1B).....	309.44	54.31
28 46 13 31-1307 EA Single Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-1DB).....	338.33	54.31
28 46 13 31-1308 EA Two Annunciator Flush Mounted Backbox (Notifier ABF-2B).....	387.49	67.90
28 46 13 31-1309 EA Two Annunciator Flush Mounted Backbox With Glass Door And Key Lock (Notifier ABF-2DB).....	424.62	67.90
28 46 13 31-1310 EA Four Annunciator Flush Mounted Backbox (Notifier ABF-4B).....	688.01	95.05
28 46 13 31-1311 EA Annunciator Blank Plate Used With ACM-32A/ACM-16AT (Notifier ABM-1).....	122.68	16.29
28 46 13 31-1312 EA Single Annunciator Surface Mounted Backbox (Notifier ABS-1B).....	191.84	54.31
28 46 13 31-1313 EA Single Annunciator Surface Mounted Backbox With Trim (Notifier ABS-1TB).....	199.50	13.58
28 46 13 31-1314 EA Two Annunciator Surface Mounted Backbox (Notifier ABS-2B).....	244.80	54.31
28 46 13 31-1315 EA 12" x 12" x 3-3/4" Surface Or Semi-Flush Mount Backbox (Notifier ABS-2D).....	443.88	67.90
28 46 13 31-1316 EA Red, Surface (Or Semi-Flush) Mounted Backbox For ACS Annunciators, SCS Series, NCA And NCA-2 (Notifier ABS-2DR).....	381.33	13.58
28 46 13 31-1317 EA Black, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4D).....	725.15	95.05
28 46 13 31-1318 EA Red, 12" x 20" x 3-1/2" Surface Or Semi-Flush Backbox (Notifier ABS-4DR).....	647.65	16.29
28 46 13 31-1319 EA Black, 9-15/16" x 4-5/8" x 2-1/2" Surface Backbox (Notifier ABS-8RB).....	237.93	21.72
28 46 13 31-1320 EA Annunciator Key Switch (Notifier AKS-1B).....	117.80	8.15
28 46 13 31-1321 EA Chassis Used To Mount NCA-2 In ABS-2D (Notifier CHS-2D).....	112.77	27.16
28 46 13 31-1322 EA 32 Alarm Lamp Driver Annunciator Control Module (Notifier LDM-32).....	703.52	27.16
28 46 13 31-1323 EA 24" Lamp Driver Annunciator Cable (Notifier LDM-CBL24).....	210.31	5.43
28 46 13 31-1324 EA 48" Lamp Driver Annunciator Cable (Notifier LDM-CBL48).....	263.89	5.43
28 46 13 31-1325 EA 32 Alarm Lamp Driver Annunciator Expander Module (Notifier LDM-E32).....	578.35	27.16
28 46 13 31-1326 EA Lamp Driver Module (Notifier LDM-R32).....	1,024.73	27.16
28 46 13 31-1327 EA Eight Switch Smoke Control Lamp Driver Master Module (Notifier SCS-8L).....	949.72	27.16
28 46 13 31-1328 EA 48" Cable Assembly For Smoke Control Lamp Driver (Notifier SCS8L-CBL48).....	271.04	5.43
28 46 13 31-1329 EA Black, Trim Ring For ABS-2D Cabinet (Notifier TR-ABS2D).....	239.18	16.29
28 46 13 31-1330 EA Black, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4D).....	141.69	16.29
28 46 13 31-1331 EA Red, Trim Ring For ABS-4D Cabinet (Notifier TR-ABS4DR).....	141.69	16.29
28 46 13 31-1332 EA Graphic Annunciator Dress Plate (Notifier DP-GDIS1).....	228.46	16.29
28 46 13 31-1333 EA Graphic Annunciator Dress Plate (Notifier DP-GDIS2).....	228.46	16.29
28 46 13 31-1334 EA Input/Output Module For Driving Graphic Annunciators Or Relays (Notifier N-ANN-RLED).....	554.58	27.16
28 46 13 31-1335	Network Gateways <small>(28 46 13 31-0978)</small>	
28 46 13 31-1336 EA Common Alerting Protocol Gateway (Notifier CAP-GW).....	3,455.35	27.16
28 46 13 31-1337 EA Fiber-Optic Cable Interface (Multi-Mode), High-Speed Network Communications Module (Notifier HS-NCM-MF).....	2,568.89	27.16
28 46 13 31-1338 EA Fiber-Optic Cable Interface (Multi-Mode Fiber To Single-Mode Fiber), High-Speed Network Communications Module (Notifier HS-NCM-MFSF).....	2,895.82	27.16
28 46 13 31-1339 EA Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-SF).....	3,192.04	27.16
28 46 13 31-1340 EA Twisted-Pair Wire Interface, High-Speed Network Communications Module (Notifier HS-NCM-W).....	2,591.93	27.16
28 46 13 31-1341 EA Wire And Fiber-Optic Cable Interface, High-Speed Network Communications Module (Multi-Mode) (Notifier HS-NCM-WMF).....	2,521.71	27.16
28 46 13 31-1342 EA Wire And Fiber-Optic Cable Interface (Single-Mode), High-Speed Network Communications Module (Notifier HS-NCM-WSF).....	2,840.97	27.16
28 46 13 31-1343 EA Modbus Gateway (Notifier MODBUS-GW).....	2,830.00	27.16
28 46 13 31-1344 EA 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW).....	3,275.26	17.92
28 46 13 31-1345 EA Capacitive Touch-Screen, 22" Widescreen HD LED Color Monitor With Speakers (Notifier MON-22LCDW-TS).....	4,877.04	17.92
28 46 13 31-1346 EA 1920x1080P Wide Screen (Notifier MON-42LCDW).....	15,486.10	17.92
28 46 13 31-1347 EA Single Monitor, Wall Mounted, Horizontal, Tilt, Bracket (Notifier MON-42HORZ-SD).....	777.16	40.74
28 46 13 31-1348 EA Single Monitor, Vertical Mounted, Bracket (Notifier MON-42VERT-SD).....	1,449.14	40.74
28 46 13 31-1349 EA Dual Monitors, Vertical Wall Mounted, Fixed Position, Bracket (Notifier MON-42VERT-DD).....	2,129.02	40.74
28 46 13 31-1350 EA Mass Notification Voice Paging (Notifier NOTIFY-IP).....	1,298.98	
28 46 13 31-1351 EA Embedded NFN Gateway (Notifier NFN-GW-EM).....	2,997.75	27.16
28 46 13 31-1352 EA NFN Gateway PC Card With Fiber (Notifier NFN-GW-PC-F).....	2,997.75	27.16
28 46 13 31-1353 EA High Speed NFN Gateway PC Card For Multimode Fiber (Included With ONYXworks-HNMF) (Notifier NFN-GW-PC-HNMF).....	3,927.11	27.16
28 46 13 31-1354 EA High Speed NFN Gateway PC Card For Single Mode Fiber (Included With ONYXworks-HNSF) (Notifier NFN-GW-PC-HNSF).....	4,574.40	27.16
28 46 13 31-1355 EA High Speed NFN Gateway PC Card For Wire (Included With ONYXworks-HNW) (Notifier NFN-GW-PC-HNW).....	3,927.11	27.16
28 46 13 31-1356 EA NFN Gateway PC Card With Wire (Notifier NFN-GW-PC-W).....	2,997.75	27.16
28 46 13 31-1357 EA Alpha-Numeric Pager Option For ONYXworks (Notifier ONYX-PAGER).....	1,660.18	
28 46 13 31-1358 EA ONYXWorks Workstation (Notifier ONYXWORKS-WS).....	28,740.24	651.77
28 46 13 31-1359 EA Fiber Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NW).....	6,541.74	
Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 46 13 31-1360 EA Wired Network Graphical User Interface (Notifier ONYXWorks-Lite OW-LITE-NF).....	6,541.74	
Note: Includes PC slot network fiber card, workstation software and security key with a four node license. Excludes PC workstation.		
28 46 13 31-1361 EA Fiber Optics, Standard Network Repeater Board (Notifier RPT-F).....	1,195.30	27.16
28 46 13 31-1362 EA Wire, Standard Network Repeater Board (Notifier RPT-W).....	972.59	27.16
28 46 13 31-1363 EA Wire To Fiber Optics, Standard Network Repeater Board (Notifier RPT-WF).....	1,158.00	27.16
28 46 13 31-1364 EA Signaling Line Circuit Integration Module (Notifier SLC-IM).....	1,292.95	27.16
28 46 13 31-1365 EA VESDA Gateway That Provides A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vesdanet™ (Notifier VESDA-HLI-GW).....	2,698.35	27.16

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MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1366	EA	Vesda™ High Level Interface Card Used With SLC-IM And Vesda-HLI-GW To Provide A Communication Link Between The Noti-Fire-Net™ Network And Vesda™ Detectors On The Vسدanet™ (Notifier VHX-1420-HFS)	2,837.08	27.16
28 46 13 31-1367	EA	Windows Hard Drive Upgrade (Notifier WIN7-UG-US-3)	3,162.24	
28 46 13 31-1368	EA	Intuitive Color 10" Touch Screen Providing Color Coded Information Of Detailed System Status (Notifier NCD)	1,658.12	17.92
28 46 13 31-1369	EA	SWIFT Wireless Gateway With Flashscan (Notifier FWSG)	476.83	27.16
28 46 13 31-1370		NOTI-FIRE-NET Network Components <small>(28 46 13 31-0978)</small>		
28 46 13 31-1371	EA	Interface Between NOTI-FIRE-NET 50 And BACnet (Notifier BACNET-GW-3)	2,997.75	27.16
28 46 13 31-1372	EA	Fiber Optic Network Communications Module (Notifier NCM-F)	1,329.34	27.16
28 46 13 31-1373	EA	NOTI-FIRE-NET Web Server (Notifier NWS)	2,997.75	27.16
28 46 13 31-1374	EA	Wired Network Communications Module (Notifier NCM-W)	1,266.07	27.16
28 46 13 31-1375	EA	Fiber Optic Converter Module Mounting Kit (Notifier SMF-Kit)	129.60	13.58
28 46 13 31-1376		FireWarden Addressable Fire Panels <small>(28 46 13 31-0978)</small>		
28 46 13 31-1377	EA	50 Point, Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW-50)	2,399.84	543.14
28 46 13 31-1378	EA	Black, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100)	2,888.12	543.14
28 46 13 31-1379	EA	Black, One DC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100C)	2,957.96	271.57
28 46 13 31-1380	EA	Black, One SLC Loop, 240 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100E)	2,957.96	271.57
28 46 13 31-1381	EA	Red, One SLC Loop, 120 Volt AC, 198 Point Addressable Fire Alarm Control Panel With Digital Alarm Communicator/Transmitter (Notifier NFW2-100R)	2,944.79	271.57
28 46 13 31-1382	EA	Black, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, Built In Annunciator, 50 Point Addressable Fire Alarm Control Panel (Notifier NFW-50C)	3,394.61	543.14
28 46 13 31-1383	EA	Red, Built In Digital Alarm Communicator/Transmitter (DACT) With Modem For Remote Upload/Download, 50 Point Addressable Fire Alarm Control Panel (NFW-50R)	2,411.60	543.14
28 46 13 31-1384		FireWarden Accessories <small>(28 46 13 31-0978)</small>		
28 46 13 31-1385	EA	Intelligent Multicriteria Photo/Thermal Detector With Base (Notifier NP-A100)	221.97	40.74
28 46 13 31-1386	EA	Intelligent Addressable Photo/Thermal Detector With Base (Notifier NP-100T)	210.07	40.74
28 46 13 31-1387		FireWarden Devices <small>(28 46 13 31-0978)</small>		
28 46 13 31-1388	EA	SLC Loop Powered Fault Isolator Module (Notifier N100-ISO)	164.35	27.16
28 46 13 31-1389	EA	Intelligent Addressable Control Module (Notifier NC-100)	197.36	27.16
28 46 13 31-1390	EA	Intelligent Addressable Relay Module (Notifier NC-100R)	189.10	27.16
28 46 13 31-1391	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector (Notifier ND-100)	459.82	40.74
28 46 13 31-1392	EA	Intelligent Addressable Low Flow Duct Photoelectric Smoke Detector With DPDT Relay (Notifier ND-100R)	558.95	40.74
28 46 13 31-1393	EA	Two Zone Intelligent Addressable, Two Wire Detector Monitor Module (Notifier NDM-100)	189.10	27.16
28 46 13 31-1394	EA	Intelligent Addressable Thermal Detector With Base (Notifier NH-100)	188.75	40.74
28 46 13 31-1395	EA	Intelligent Addressable High Temperature Thermal Detector With Base (Notifier NH-100H)	188.75	40.74
28 46 13 31-1396	EA	Intelligent Addressable Rate-Of-Rise Thermal Detector With Base (Notifier NH-100R)	188.75	40.74
28 46 13 31-1397	EA	Intelligent Addressable Ionization Smoke Detector With Base (Notifier NI-100)	260.28	40.74
28 46 13 31-1398	EA	Intelligent Addressable Monitor Module (Notifier NMM-100)	161.59	27.16
28 46 13 31-1399	EA	Intelligent Addressable Mini Monitor Module (Notifier NMM-100P)	145.78	27.16
28 46 13 31-1400	EA	Intelligent Addressable Manual Pull Station (Notifier NOT-BG12LX)	222.80	27.16
28 46 13 31-1401	EA	Intelligent Addressable Photoelectric Smoke Detector With Base (Notifier NP-100)	198.38	40.74
28 46 13 31-1402	EA	Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100)	251.00	27.16
28 46 13 31-1403	EA	Six Zone Intelligent Addressable 2-Wire Detector Monitor Module (Notifier NZM-100-6)	918.09	27.16
28 46 13 31-1404		SFP-2402 And SFP-2404 2 And 4-Zone Control Panels And Accessories <small>(28 46 13 31-0978)</small>		
28 46 13 31-1405	EA	120 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402)	1,556.74	434.51
28 46 13 31-1406	EA	120 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404)	1,734.17	434.51
28 46 13 31-1407	EA	240 Volt AC, Two Zone Conventional Fire Alarm Control Panel (Notifier SFP-2402E)	1,216.77	135.78
28 46 13 31-1408	EA	240 Volt AC, Four Zone Conventional Fire Alarm Control Panel (Notifier SFP-2404E)	1,391.21	135.78
28 46 13 31-1409	EA	Class A Converter Module (Notifier CAC-4)	450.81	27.16
28 46 13 31-1410	EA	Internal Dress Plate, Required For FM And ULC (Notifier DP-4X)	161.48	16.29
28 46 13 31-1411	EA	Remote Zone Annunciator (Notifier RZA-4X)	227.93	40.74
28 46 13 31-1412	EA	Red, Dress Panel (Notifier DP-51050)	196.31	16.29
28 46 13 31-1413	EA	Black, Dress Panel (Notifier DP-51050B)	198.69	16.29
28 46 13 31-1414		SFP-5UD 5 Zone Control Panels And Accessories <small>(28 46 13 31-0978)</small>		
28 46 13 31-1415	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFP-5UD)	2,454.85	543.14
28 46 13 31-1416	EA	120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDC)	4,032.73	407.35
28 46 13 31-1417	EA	240 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDE)	2,659.50	271.57
28 46 13 31-1418	EA	Red, 120 Volt AC, Five Zone Conventional Fire Alarm Control Panel (Notifier SFB-5UDR)	2,659.50	271.57
28 46 13 31-1419	EA	Class A Converter Module (Notifier N-CAC-5X)	467.48	27.16
28 46 13 31-1420	EA	Red, Trim Ring For NFW2-100, NFW-50, SFB-5UD, SFB-10UD, RP-2001, RP-2002 Cabinet (Notifier TR-CE)	175.47	16.29
28 46 13 31-1421	EA	Five Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-5UDC)	3,649.21	407.35
		Note: Includes internal dress panel with built-in annunciator module		
28 46 13 31-1422	EA	240 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDE)	2,415.99	271.57
28 46 13 31-1423	EA	Red, 120 Volt AC, Five Zone Conventional Fire Control Panel With DACT And 3 Amperes Power Supply (Notifier SFP-5UDR)	2,392.95	271.57

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1424				SFP-10UD 10 Zone Control Panels And Accessories <small>(28 46 13 31-0978)</small>		
	28 46 13 31-1425	EA		120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDC).....	4,884.19	543.14
	28 46 13 31-1426	EA		240 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDE).....	3,651.68	407.35
	28 46 13 31-1427	EA		120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFP-10UD).....	2,839.98	543.14
	28 46 13 31-1428	EA		Red, 120 Volt AC, 10 Zone Conventional Fire Alarm Control Panel With Built-In Digital Alarm Communicator Transmitter (Notifier SFB-10UDR).....	4,194.82	543.14
	28 46 13 31-1429	EA		Four Channel, Dual Line, Stand Alone Fire Alarm Communicator (Fire-Lite 411UDAC).....	751.63	81.47
	28 46 13 31-1430	EA		10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply, ULC/UL Listed (Notifier SFP-10UDC).....	4,456.75	543.14
				Note: Includes internal dress panel with built-in annunciator module		
	28 46 13 31-1431	EA		240 Volt AC, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDE).....	3,323.37	407.35
	28 46 13 31-1432	EA		Red, 10 Zone Conventional Fire Control Panel With DACT And 7 Amperes Power Supply (Notifier SFP-10UDR).....	3,839.08	543.14
28 46 13 31-1433				Smoke Detectors <small>(28 46 13 31-0978)</small>		
	28 46 13 31-1434	EA		Low Profile Intelligent Addressable Ionization Smoke Detector (Notifier FSI-851).....	279.53	40.74
	28 46 13 31-1435	EA		Intelligent Addressable Laser Smoke Detector (Notifier FSL-751).....	480.35	40.74
	28 46 13 31-1436	EA		Intelligent Addressable Laser Duct Smoke Detector (Notifier FSL-751D).....	1,403.22	40.74
	28 46 13 31-1437	EA		Remote Test Capable Intelligent Addressable Photo Detector (Notifier NP-100R).....	196.97	40.74
				Note: For use with DNR(W) duct detector housing.		
	28 46 13 31-1438	EA		Filters For Harsh Detector (Notifier RF-FTX).....	23.77	
	28 46 13 31-1439	EA		Key Activated Remote Test Station For Duct Smoke Detector (Notifier RTS151KEY).....	168.13	27.16
	28 46 13 31-1440	EA		Addressable Beam Detector With Reflector, UL Listed (Notifier FS-OSI-RI).....	1,887.31	40.74
	28 46 13 31-1441	EA		Intelligent Addressable Photo Detector With Flashscan, White (Notifier FSP-951).....	205.60	40.74
	28 46 13 31-1442	EA		Intelligent Addressable Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951-IV).....	225.25	40.74
	28 46 13 31-1443	EA		Remote Test Capable Intelligent Photo Detector With Flashscan, White (Notifier FSP-951R).....	215.42	40.74
	28 46 13 31-1444	EA		Remote Test Capable Intelligent Photo Detector With Flashscan And Clip, Ivory (Notifier FSP-951R-IV).....	233.28	40.74
	28 46 13 31-1445	EA		Intelligent Addressable Photo/Thermal Detector With Flashscan, White (Notifier FSP-951T).....	216.61	40.74
	28 46 13 31-1446	EA		Intelligent Addressable Photo/Thermal Detector With Flashscan, Ivory (Notifier FSP-951T-IV).....	234.47	40.74
	28 46 13 31-1447	EA		Intelligent Addressable 135 Degree Thermal Detector With Flashscan, White (Notifier FST-951).....	174.34	40.74
	28 46 13 31-1448	EA		Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan (Notifier FST-951H).....	174.34	40.74
	28 46 13 31-1449	EA		Intelligent Addressable High Temperature 190 Degree Heat Detector With Flashscan And Clip, Ivory (Notifier FST-951H-IV).....	191.01	40.74
	28 46 13 31-1450	EA		Intelligent Addressable 135 Degree Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951-IV).....	191.01	40.74
	28 46 13 31-1451	EA		Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan, White (Notifier FST-951R).....	174.34	40.74
	28 46 13 31-1452	EA		Intelligent Addressable Rate-of-Rise Thermal Detector With Flashscan And Clip, Ivory (Notifier FST-951R-IV).....	191.01	40.74
	28 46 13 31-1453	EA		Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, White (Notifier FSV-951R).....	483.93	40.74
	28 46 13 31-1454	EA		Low Profile Intelligent Addressable High Sensitivity Detector With Flashscan, Ivory (Notifier FSV-951R-IV).....	519.65	40.74
	28 46 13 31-1455	EA		Wireless Photo-Heat Detector, Acclimate, With Flashscan (Notifier FWD-200ACCLIMATE).....	482.74	40.74
				Note: Requires B210W base, ordered separately		
	28 46 13 31-1456	EA		Wireless Photo Detector With Flashscan (Notifier FWD-200P).....	443.44	40.74
				Note: Requires B210W base, ordered separately		
	28 46 13 31-1457	EA		Wireless Fixed Temp Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200FIX135).....	401.77	40.74
				Note: Requires B210W base, ordered separately		
	28 46 13 31-1458	EA		Wireless ROR Heat Detector, 135 Degree, With Flashscan (Notifier FWH-200ROR135).....	401.77	40.74
				Note: Requires B210W base, ordered separately		
	28 46 13 31-1459	EA		Intelligent Addressable Carbon Monoxide Detector With Flashscan (Notifier FPC-951).....	289.84	40.74
	28 46 13 31-1460	EA		Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-250).....	2,908.72	40.74
				Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /ft. Obs.		
	28 46 13 31-1461	EA		Built In Circular Display, 3 Alarm Levels, Smoke Detector (Notifier VLF-500).....	3,567.10	40.74
				Note: Use for areas up to 2,500 square feet. Adjustable sensitivity range is 0.008 - 6% ro 6.4 /ft. Obs.		
28 46 13 31-1462				Pull Stations <small>(28 46 13 31-0978)</small>		
	28 46 13 31-1463	EA		Trim Ring For NBG12 Series Pull Station (Notifier BG12TR).....	35.64	5.43
	28 46 13 31-1464	EA		One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2).....	84.08	13.58
	28 46 13 31-1465	EA		Red, One End Tapped For 1/2" Conduit, Aluminum, Surface Mounted Backbox (Notifier BG-2R).....	76.69	13.58
	28 46 13 31-1466	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1).....	108.86	27.16
	28 46 13 31-1467	EA		DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1F).....	120.72	27.16
	28 46 13 31-1468	EA		Terminal Switch, DPDT Switch, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1FTS).....	167.36	27.16
	28 46 13 31-1469	EA		Red Body, Silver Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1R).....	108.86	27.16
	28 46 13 31-1470	EA		Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TS).....	126.25	27.16
	28 46 13 31-1471	EA		Standard Local Style Red Letters, Spring Retainer, Aluminum Single Action Pull Station With Terminal Strip (Notifier BNG-1TSL).....	126.25	27.16
	28 46 13 31-1472	EA		Terminal Strip, Red Body, Red Letters, Spring Retainer, Aluminum Single Action Pull Station (Notifier BNG-1TSR).....	126.25	27.16
	28 46 13 31-1473	EA		Red Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1).....	119.14	27.16
	28 46 13 31-1474	EA		Red Body, Silver Letters, Breakglass, Aluminum Single Action Pull Station (Notifier BRG-1R).....	129.41	27.16
	28 46 13 31-1475	EA		Hazardous, Non-Hazardous, Weatherproof, Harsh Locations Fire Alarm Pull Station (Notifier HAZ-WP-PULL).....	960.42	32.59
	28 46 13 31-1476	EA		Red, Single Action Fire Alarm Pull Station (Notifier NBG-12S).....	98.49	27.16
	28 46 13 31-1477	EA		Red, Dual Action Fire Alarm Pull Station (Notifier NBG-12).....	103.61	27.16
	28 46 13 31-1478	EA		Red, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12L).....	111.05	27.16
	28 46 13 31-1479	EA		Red, Outdoor, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LOB).....	264.62	32.59
	28 46 13 31-1480	EA		Red, Presignal, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LPS).....	159.98	27.16
	28 46 13 31-1481	EA		Red, Agent Releasing, Key Lock, Dual Action Fire Alarm Pull Station (Notifier NBG-12LR).....	132.90	27.16
	28 46 13 31-1482	EA		Addressable Manual Dual Action Fire Alarm Pull Station (Notifier NBG-12LX).....	224.18	27.16
	28 46 13 31-1483	EA		Pull Station Trim Plate For New York City, For Use With All NBG Series Pull Stations (Notifier NY-PLATE).....	63.05	5.43

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-1484	EA	Dual Action, Wireless Pull Station (Notifier NBG-12WL).....	475.97	32.59
28 46	13 31-1485		Rate Compensation Heat Detectors (28 46 13 31-0978)		
28 46	13 31-1486	EA	135 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-135)	202.51	40.74
28 46	13 31-1487	EA	194 Degree F Explosion Proof Rate Compensation Heat Detectors (Edwards Signaling 302-EPM-194)	202.51	40.74
28 46	13 31-1488		FM Series Door Releases (28 46 13 31-0978)		
28 46	13 31-1489	EA	1/2" Door Holder Spacer (Notifier FM900-50).....	32.80	8.15
28 46	13 31-1490	EA	3/4" Door Holder Spacer (Notifier FM900-75).....	32.80	8.15
28 46	13 31-1491	EA	1" Door Holder Spacer (Notifier FM900-100).....	32.80	8.15
28 46	13 31-1492	EA	Door Holder Extension Kit (Notifier FM900).....	34.86	8.15
28 46	13 31-1493	EA	90 Degree Door Holder Extension Kit (Notifier FM900-Z).....	35.55	8.15
28 46	13 31-1494	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mounted, Door Holder (Notifier FM980)	247.90	40.74
28 46	13 31-1495	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mounted, Door Holder (Notifier FM996).....	213.51	40.74
28 46	13 31-1496	EA	12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mounted, Concealed Wiring, Door Holder (Notifier FM998)	213.51	40.74
28 46	13 31-1497		Multicriteria Fire Detector (28 46 13 31-0978)		
28 46	13 31-1498	EA	Intelligent Addressable Combination Multi-Criteria Fire/Carbon Monoxide Detector With Flashscan (Notifier FCO-851)	349.38	40.74
28 46	13 31-1499	EA	Intelligent Addressable Multicriteria Fire Detector (Notifier FSC-851)..... Note: Detects fire, thermal, photo, CO and IR, with Flashscan.	348.19	40.74
28 46	13 31-1500	EA	Multi-Criteria Photo/Temp/Infrared Detector, White (Notifier FPTI-951).....	221.97	40.74
28 46	13 31-1501	EA	Multi-Criteria Photo/Temp/Infrared Detector, Ivory (Notifier FPTI-951-IV).....	230.31	40.74
28 46	13 31-1502	EA	Intelligent Addressable Combination Multi-Criteria Photoelectric And Carbon Monoxide Detector With Flashscan (Notifier FSCO-951).....	349.38	40.74
28 46	13 31-1503		Modules (28 46 13 31-0978)		
28 46	13 31-1504	EA	Intelligent Addressable Dual Monitor/Dual Relay Module (Notifier FDRM-1).....	424.62	27.16
28 46	13 31-1505	EA	Addressable Firephone Control Module (Notifier FTM-1)	259.11	27.16
28 46	13 31-1506	EA	Wireless Monitor Module With Flashscan (Notifier FW-MM).....	410.33	27.16
28 46	13 31-1507	EA	Wireless Relay Module With Flashscan (Notifier FW-RM).....	475.82	27.16
28 46	13 31-1508	EA	Wireless Sync Module (Notifier W-SYNC)	452.56	27.16
28 46	13 31-1509		DH Series Door Releases (28 46 13 31-0978)		
28 46	13 31-1510	EA	Semi-Flush, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120FPC).....	209.77	40.74
28 46	13 31-1511	EA	Semi-Flush, Plated Brass, Electromagnetic Door Holder (Notifier DH24120FB)	224.35	40.74
28 46	13 31-1512	EA	Semi-Flush, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120FD).....	238.05	40.74
28 46	13 31-1513	EA	Surface Mounted, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120SPC)	234.47	40.74
28 46	13 31-1514	EA	Surface Mounted, Plated Brass, Electromagnetic Door Holder (Notifier DH24120SB).....	246.38	40.74
28 46	13 31-1515	EA	Surface Mounted, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120SPD).....	256.50	40.74
28 46	13 31-1516	EA	Recessed, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120WPC)	209.77	40.74
28 46	13 31-1517	EA	Recessed, Plated Brass, Electromagnetic Door Holder (Notifier DH24120WB)	222.57	40.74
28 46	13 31-1518	EA	Recessed, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120WD).....	238.05	40.74
28 46	13 31-1519	EA	Floor Mounted, Single Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC1)	270.79	40.74
28 46	13 31-1520	EA	Floor Mounted, Single Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB1)	289.84	40.74
28 46	13 31-1521	EA	Floor Mounted, Single Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD1)	311.87	40.74
28 46	13 31-1522	EA	Floor Mounted, Double Door, Powder Coated Chrome, Electromagnetic Door Holder (Notifier DH24120GPC2)	317.23	40.74
28 46	13 31-1523	EA	Floor Mounted, Double Door, Plated Brass, Electromagnetic Door Holder (Notifier DH24120GB2)	339.85	40.74
28 46	13 31-1524	EA	Floor Mounted, Double Door, Powder Coated Dark Bronze, Electromagnetic Door Holder (Notifier DH24120GPD2)	367.24	40.74
28 46	13 31-1525	EA	0.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE.5PC)	23.91	5.43
28 46	13 31-1526	EA	0.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE.5B).....	23.91	5.43
28 46	13 31-1527	EA	0.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE.5D)	26.35	5.43
28 46	13 31-1528	EA	1" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1PC)	23.91	5.43
28 46	13 31-1529	EA	1" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1B).....	23.91	5.43
28 46	13 31-1530	EA	1" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1D)	26.35	5.43
28 46	13 31-1531	EA	1.5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5PC)	25.16	5.43
28 46	13 31-1532	EA	1.5" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE1.5APC)	25.16	5.43
28 46	13 31-1533	EA	1.5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE1.5B).....	26.35	5.43
28 46	13 31-1534	EA	1.5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE1.5D).....	27.72	5.43
28 46	13 31-1535	EA	2" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2PC)	27.72	5.43
28 46	13 31-1536	EA	2" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE2APC)	27.72	5.43
28 46	13 31-1537	EA	2" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE2B).....	28.97	5.43
28 46	13 31-1538	EA	2" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE2D)	28.97	5.43
28 46	13 31-1539	EA	3" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE3PC)	28.97	5.43
28 46	13 31-1540	EA	3" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE3B).....	30.34	5.43
28 46	13 31-1541	EA	3" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE3D)	30.34	5.43
28 46	13 31-1542	EA	4" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4PC)	31.59	5.43
28 46	13 31-1543	EA	4" Adjustable Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE4APC)	31.59	5.43
28 46	13 31-1544	EA	4" Adjustable Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE4AB).....	32.96	5.43
28 46	13 31-1545	EA	4" Adjustable Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE4AD).....	36.83	5.43
28 46	13 31-1546	EA	5" Extension Rod, Powder Coated Chrome, Electromagnetic Door Holder Extension (Notifier DHE5PC)	35.52	5.43
28 46	13 31-1547	EA	5" Extension Rod, Plated Brass, Electromagnetic Door Holder Extension (Notifier DHE5B).....	34.21	5.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1548 EA 5" Extension Rod, Powder Coated Dark Bronze, Electromagnetic Door Holder Extension (Notifier DHE5D).....	36.83	5.43
28 46 13 31-1549 EA Catch Plate, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHCPD).....	33.14	8.15
28 46 13 31-1550 EA Catch Plate, Plated Brass For Electromagnetic Door Holder (Notifier DHCPB).....	34.39	8.15
28 46 13 31-1551 EA Catch Plate, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHCPD).....	38.38	8.15
28 46 13 31-1552 EA Swivel Base, Powder Coated Chrome, For Electromagnetic Door Holder (Notifier DHSBPC).....	64.28	8.15
28 46 13 31-1553 EA Swivel Base, Plated Brass, For Electromagnetic Door Holder (Notifier DHSBB).....	68.09	8.15
28 46 13 31-1554 EA Swivel Base, Powder Coated Dark Bronze, For Electromagnetic Door Holder (Notifier DHSBD).....	71.90	8.15
28 46 13 31-1555 EA Surface Mounted Backbox, Powder Coated Chrome For Electromagnetic Door Holder (Notifier DHBBC).....	56.93	13.58
28 46 13 31-1556 EA Surface Mounted Backbox, Plated Brass For Electromagnetic Door Holder (Notifier DHBBD).....	59.55	13.58
28 46 13 31-1557 EA Surface Mounted Backbox, Powder Coated Dark Bronze For Electromagnetic Door Holder (Notifier DHBBD).....	64.79	13.58
28 46 13 31-1558 EA Swivel Base Mounting Drill Fixture For Electromagnetic Door Holder (Notifier DHDF).....	367.93	
28 46 13 31-1559 First Command <small>(28 46 13 31-0978)</small>		
28 46 13 31-1560 EA Black, 120 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100).....	6,303.27	678.92
28 46 13 31-1561 EA Black, 220-240 Volt AC, 50 Watt, 25 VRMS, One Class A/B Speaker Circuit, Primary Operating Console (Notifier NFC-50/100E).....	6,369.10	678.92
28 46 13 31-1562 EA Black, 120 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DA).....	1,817.94	54.31
28 46 13 31-1563 EA Black, 220-240 Volt AC, 50 Watt, 25 VRMS Or 70 VRMS), Four Class A/B Speaker Circuits, Distributed (Remote) Audio Amplifier (Notifier NFC-50DAE).....	1,867.31	54.31
28 46 13 31-1564 EA Black, 120 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DA).....	3,354.99	54.31
28 46 13 31-1565 EA Black, 220-240 Volt AC, 125 Watt, 25 VRMS, Four Class A/B Speaker Outputs, Distributed Audio Amplifier (Notifier NFC-125DAE).....	3,464.71	54.31
28 46 13 31-1566 EA 50 Watt, 25 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-25 Volt).....	884.40	27.16
28 46 13 31-1567 EA 50 Watt, 70 VRMS Audio Amplifier Module For A Second Speaker Circuit Or Backup (Notifier NFC-BDA-70 Volt).....	884.40	27.16
28 46 13 31-1568 EA Circuit Expander Module For NFC-50/125DA(E), Four Additional Class A/B Speaker Circuits (Notifier NFC-CE4).....	535.35	27.16
28 46 13 31-1569 EA Circuit Expander Module For NFC-50/100(E), Six Additional Class A/B Speaker Circuits (Notifier NFC-CE6).....	700.51	27.16
28 46 13 31-1570 EA Standalone Firefighter Telephone System (Notifier NFC-FFT)..... Note: Includes onboard SLC supports up to 24 monitor modules, built-in handset, black.	2,471.82	54.31
28 46 13 31-1571 EA Local Operator Console (Notifier NFC-LOC)..... Note: Includes built-in microphone, message and zone control switches, black.	2,419.16	54.31
28 46 13 31-1572 EA Black, Remote Microphone (Notifier NFC-RM).....	713.02	
28 46 13 31-1573 EA Remote Page Unit (Notifier NFC-RPU)..... Note: Includes built-in microphone, message control switches, black.	2,040.66	54.31
28 46 13 31-1574 EA 70 V Conversion Module For NFC-50/100 (Notifier NFC-XRM-70V).....	403.19	27.16
28 46 13 31-1575 EA Firefighters Phone Jack (Notifier N-FPJ).....	185.96	8.15
28 46 13 31-1576 EA Thumbtatch Option For NFC-LOC And NFC-RPU (Notifier THUMBLTCH).....	49.15	8.15
28 46 13 31-1577 EA Black, Trim Ring For NFC-RPU Cabinet (Notifier TR-6-B).....	162.67	16.29
28 46 13 31-1578 LED Displays <small>(28 46 13 31-0978)</small>		
28 46 13 31-1579 EA 2.1" x 27" Programmable LED Indoor Display (Notifier ALPHA-215).....	1,943.43	32.59
28 46 13 31-1580 EA Instant And Integrated Emergency Notification System (Notifier LEDSIGN-GW).....	2,732.03	43.45
28 46 13 31-1581 EA 4" x 45-1/2" Programmable LED Array, Mass Notification Device (Notifier MEGADOT).....	2,763.85	43.45
28 46 13 31-1582 EA 8 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL8).....	2,654.14	43.45
28 46 13 31-1583 EA 16 Messages, FACP Interface For LED Arrays (Notifier MNS-CONTROL16).....	3,718.33	43.45
28 46 13 31-1584 EA LED Sign, Instant And Integrated Emergency Notification System (Notifier OAX2-24V).....	2,818.70	43.45
28 46 13 31-1585 Control Relays <small>(28 46 13 31-0978)</small>		
28 46 13 31-1586 EA Single SPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-101/CR).....	78.00	13.58
28 46 13 31-1587 EA Single SPDT Relay With LED With Track Mounting Hardware (Notifier MR-101/T).....	57.88	13.58
28 46 13 31-1588 EA Four Position SPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-104/CR).....	218.03	27.16
28 46 13 31-1589 EA Four Position SPDT Relay With LED With Track Mounting Hardware (Notifier MR-104/T).....	122.71	13.58
28 46 13 31-1590 EA Four Position DSPDT Relay With LED With Track Mounting Hardware (Notifier MR-204/T).....	147.42	13.58
28 46 13 31-1591 EA 24 Volt DC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-13C).....	224.58	27.16
28 46 13 31-1592 EA 120 Volt AC, 30 Amperes Contacts, DPDT Relay In Steel Enclosure (Notifier MR-199X-14C).....	224.58	27.16
28 46 13 31-1593 EA Single DPDT Relay With LED With Metal Backbox And Red Plastic Cover (Notifier MR-201/CR).....	109.08	27.16
28 46 13 31-1594 EA Single DPDT Relay With LED With Track Mounting Hardware (Notifier MR-201/T).....	63.12	13.58
28 46 13 31-1595 EA Four Position DPDT Relay With LEDs With Metal Backbox And Red Plastic Cover (Notifier MR-204/CR).....	239.46	27.16
28 46 13 31-1596 EA 24 Volt DC / 24 Volt AC / 115 Volt AC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-1).....	75.98	27.16
28 46 13 31-1597 EA 12/24 Volt DC, 7 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-2).....	75.98	27.16
28 46 13 31-1598 EA 9 To 40 Volt DC, 10 Amperes, Form C, Multi-Voltage Relay Module (Notifier PAM-4).....	75.98	27.16
28 46 13 31-1599 Gamewell-FCI Fire Control Instruments <small>(28 46 13 31-0978)</small>		
28 46 13 31-1600 7100 Series And NetSOLO® <small>(28 46 13 31-1599)</small>		
28 46 13 31-1601 7100 Compact Analog Addressable Fire Alarm Control Panels <small>(28 46 13 31-1600)</small>		
28 46 13 31-1602 EA Enclosure With Metal Door (Gamewell-FCI 7100-ENCL-M).....	1,043.70	325.88
28 46 13 31-1603 EA Basic Systems Kit, 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2).....	4,575.58	543.14
28 46 13 31-1604 EA Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC) (Gamewell-FCI BK-7100-2D).....	5,031.77	543.14
28 46 13 31-1605 EA Basic Systems Kit, 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2-E).....	4,575.58	543.14
28 46 13 31-1606 EA Basic Systems Kit, With Digital Alarm Communicator Transmitter (DACT), 2 Signaling Line Circuits (SLC), 240 Volt AC (Gamewell-FCI BK-7100-2D-E).....	5,031.77	543.14
28 46 13 31-1607 EA Removal And Replacement Of Board For 7100-1D (Gamewell-FCI BSM-7100-1).....	1,514.13	
28 46 13 31-1608 EA Removal And Replacement Of Board For 7100-2 (Gamewell-FCI BSM-7100-1D).....	1,819.33	
28 46 13 31-1609 EA Analog Loop Unit (Gamewell-FCI ALU).....	1,819.33	54.31

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1610			NetSOLO® Intelligent Network (28 46 13 31-1600)		
28 46 13 31-1611	EA		Intelligent Network Interface Module, Fiber Optic (Gamewell-FCI INI-7100-FO) Note: Mounted in 7100 panel.	2,020.12	54.31
28 46 13 31-1612	EA		Intelligent Network Interface Module, Unshielded Twisted Pair (Gamewell-FCI INI-7100-UTP) Note: Mounted in 7100 panel.	1,600.87	54.31
28 46 13 31-1613			Components And Accessories (28 46 13 31-1600)		
28 46 13 31-1614	EA		Remote Serial Annunciator, LCD Display (Gamewell-FCI LCD-7100).....	990.63	40.74
28 46 13 31-1615	EA		Remote LED Driver Module, Outputs For Remote Panel Switches And 33 Remote LEDs (Gamewell-FCI LDM-7100).....	744.72	54.31
28 46 13 31-1616	EA		Fiber Optic Line Driver Module (Gamewell-FCI FLD-1).....	1,382.42	54.31
28 46 13 31-1617	EA		Class "A" Optional Module For Both Signaling Line Circuits (SLC) (Gamewell-FCI CAOM).....	545.54	54.31
28 46 13 31-1618	EA		Enclosure Box (Gamewell-FCI EN-7100).....	421.26	108.63
28 46 13 31-1619	EA		Serial Printer (Order RJAA To Db25 Connector Separately) (Gamewell-FCI P7200-TR-2).....	1,454.99	27.16
28 46 13 31-1620			E3 Series® Basic System (28 46 13 31-1599)		
28 46 13 31-1621	EA		Intelligent Loop Interface, Mother Board (Gamewell-FCI ILI-MB-E3).....	1,309.91	54.31
28 46 13 31-1622	EA		Intelligent Loop Interface, Supplemental (Gamewell-FCI ILI-S-E3).....	1,121.03	54.31
28 46 13 31-1623	EA		Intelligent Loop Interface, Mother Board, XP95 Protocol (Gamewell-FCI ILI95-MB-E3).....	1,309.91	54.31
28 46 13 31-1624	EA		Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3).....	517.88	54.31
28 46 13 31-1625	EA		LCD Keypad Display (Gamewell-FCI LCD-E3).....	837.93	54.31
28 46 13 31-1626	EA		Power Supply Module (Gamewell-FCI PM-9).....	1,103.31	54.31
28 46 13 31-1627	EA		Transponder 9 Amperes Power Supply (Gamewell-FCI PM-9 INX).....	925.83	54.31
28 46 13 31-1628	EA		Power Supply And Charger, 120/220 Volt AC (Gamewell-FCI PM-9G 9A).....	925.29	27.16
28 46 13 31-1629	EA		Digital Alarm Communication Transmitter (Gamewell-FCI DACT-E3).....	517.88	54.31
28 46 13 31-1630	EA		Network Repeater, Fiber Optic (Gamewell-FCI RPT-E3-FO).....	1,420.35	54.31
28 46 13 31-1631	EA		Network Repeater, Unshielded Twisted Pair (Gamewell-FCI RPT-E3-UTP).....	1,186.86	54.31
28 46 13 31-1632	EA		Local Operating Console (Gamewell-FCI 1100-0455).....	790.66	40.74
28 46 13 31-1633	EA		Network Graphic Annunciator (Gamewell-FCI 1100-0505).....	2,581.09	40.74
28 46 13 31-1634	EA		70.7 VRMS Audio Output Series Amplifier Module (Gamewell-FCI AM-50-70).....	1,010.68	54.31
28 46 13 31-1635	EA		INI-VGE-UTP Classic Enabled Voice Gateway Module (Gamewell-FCI 1100-1326).....	3,120.01	54.31
28 46 13 31-1636	EA		8-1/4" Wide x 10" High x 4-1/2" Deep Cabinet (Gamewell-FCI E3BB-BAA1).....	686.51	108.63
28 46 13 31-1637	EA		C Size, Black, Command Center Enclosure (Gamewell-FCI E3BB-BC/INCC).....	495.16	108.63
28 46 13 31-1638	EA		Double Size, Blank, Inner Door Panel (Gamewell-FCI E3-BP).....	107.46	27.16
28 46 13 31-1639	EA		Programmable Switch Module (Gamewell-FCI ASM-16).....	702.83	54.31
28 46 13 31-1640	EA		LED Driver module (Gamewell-FCI ANU-48).....	702.83	54.31
28 46 13 31-1641	EA		Network Graphic Annunciator (Gamewell-FCI NGA).....	2,161.85	40.74
28 46 13 31-1642			Addressable Devices, Module, Pulls And Accessories (28 46 13 31-1599)		
28 46 13 31-1643			Velociti® Series Sensors And Bases (28 46 13 31-1642)		
28 46 13 31-1644	EA		Analog Addressable Plug-In Ionization Smoke Sensor (Gamewell-FCI ASD-IL2F).....	213.19	40.74
28 46 13 31-1645	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor (Gamewell-FCI ASD-PL2F).....	218.00	40.74
28 46 13 31-1646	EA		Analog Addressable Plug-In Photoelectric Smoke Sensor With 135 Degree F Fixed Temperature Thermal Sensing (Gamewell-FCI ASD-PTL2F).....	232.46	40.74
28 46 13 31-1647	EA		Addressable Plug-In Thermal Sensor, 15 Degree F Rate Of Rise, 135 Degree F (Gamewell-FCI ATD-RL2F).....	174.63	40.74
28 46 13 31-1648	EA		Addressable Plug-In Thermal Sensor, 190 Degree F (Gamewell-FCI ATD-HL2F).....	182.67	40.74
28 46 13 31-1649	EA		Addressable Plug-In Thermal Sensor, 135 Degree F (Gamewell-FCI ATD-L2F).....	174.63	40.74
28 46 13 31-1650	EA		Addressable Plug-In Multi-Criteria Analog Sensor (Gamewell-FCI MCS-ACCLIMATE2F).....	266.19	40.74
28 46 13 31-1651	EA		Analog Addressable Laser Smoke Sensor, Low Profile (Gamewell-FCI ASD-LS).....	603.51	40.74
28 46 13 31-1652	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector Without Relay (Gamewell-FCI ADPF).....	497.20	67.90
28 46 13 31-1653	EA		Analog Addressable Low Flow Photoelectric Smoke Duct Detector With Relay (Gamewell-FCI ADPRF).....	561.45	67.90
28 46 13 31-1654	EA		Removal And Replacement Of Duct Detector Board (Gamewell-FCI ADP-F-SB).....	259.46	
28 46 13 31-1655	EA		Flanged Mounting Base, For Use With Analog Sensor Or Velociti Sensors (Gamewell-FCI ADB-FLF).....	52.86	13.58
28 46 13 31-1656	EA		Harsh Environment Analog Addressable Photoelectric Smoke Sensor (Gamewell-FCI ASD-FILTREX-F).....	651.70	40.74
28 46 13 31-1657	EA		Flanged Mounting Base, For Use With ASD-FILTREX OR ASD-FILTREX-F (Gamewell-FCI ADB-FILTREXF).....	127.55	13.58
28 46 13 31-1658	EA		Addressable Single-Ended Reflected Beam Smoke Sensor (Gamewell-FCI ABD-2F).....	2,331.43	81.47
28 46 13 31-1659			Velociti® Series Modules And Pull Station (28 46 13 31-1642)		
28 46 13 31-1660	EA		Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2F).....	156.31	27.16
28 46 13 31-1661	EA		Dual Style B, Class B Addressable Monitor Module (Gamewell-FCI AMM-2IF).....	258.31	27.16
28 46 13 31-1662	EA		Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4F).....	172.37	27.16
28 46 13 31-1663	EA		Subloop Style D, Class A Addressable Monitor Module (Gamewell-FCI AMM-4SF).....	247.06	27.16
28 46 13 31-1664	EA		Addressable Output Relay Control Module (Gamewell-FCI AOM-2RF).....	204.50	27.16
28 46 13 31-1665	EA		Addressable Output Supervised Module (Gamewell-FCI AOM-2SF).....	212.53	27.16
28 46 13 31-1666	EA		Addressable Double Action Station, With AMM-2SF Mini-Mod (Gamewell-FCI MS-7AF).....	290.94	54.31
28 46 13 31-1667	EA		Addressable Single Action Pull Station (Gamewell-FCI MS-7ASF).....	219.76	27.16
28 46 13 31-1668	EA		Telephone Filters (Gamewell-FCI AOM-TEL-FL).....	34.96	5.43
28 46 13 31-1669			Components And Accessories (28 46 13 31-1642)		
28 46 13 31-1670	EA		Remote LED Annunciator Alarm (Gamewell-FCI RA400Z)..... Note: Mounts on single gang box.	83.61	21.72
28 46 13 31-1671	EA		Up To 2' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-1.5).....	41.80	10.87
28 46 13 31-1672	EA		>2' To 4' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-3).....	45.01	10.87
28 46 13 31-1673	EA		>4' To 8' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-5).....	53.66	13.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1674 EA >8' To 10' Wide Ducts Metal Sampling Tube (Gamewell-FCI ST-10).....	88.81	16.29
28 46 13 31-1675 EA Remote Test Station With LED Alarm And Magnet Test Switch (Gamewell-FCI RTS451)..... Note: Mounts on single gang box.	133.40	21.72
28 46 13 31-1676 Fixed And Rate of Rise Heat Detectors (28 46 13 31-1642)		
28 46 13 31-1677 EA 135 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5601P).....	108.78	40.74
28 46 13 31-1678 EA 194 Degree F Fixed Temperature And Rate Of Rise Heat Detector (Gamewell-FCI 5602).....	108.78	40.74
28 46 13 31-1679 EA 135 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5603).....	109.69	40.74
28 46 13 31-1680 EA 194 Degree F Fixed Temperature Heat Detector (Gamewell-FCI 5604).....	109.69	40.74
28 46 13 31-1681 NAC Expander/Power Supply (28 46 13 31-1642)		
28 46 13 31-1682 EA FireForce 8 NAC Expander/Power Supply, 12/24 Volt DC, 8 Amperes, 4 Notification Appliance Circuits, Built-in Synchronization Protocols For Gamewell, Wheelock, Gentex, Faraday, And System Sensor (Gamewell-FCI FF8).....	2,025.55	434.51
28 46 13 31-1683 EA 6A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-6).....	1,720.35	434.51
28 46 13 31-1684 EA 9A Supplementary Notification Appliance Circuit Power Supply With Sync (Gamewell-FCI GFPS-9).....	1,872.95	434.51
28 46 13 31-1685 Batteries And Accessories (28 46 13 31-1599)		
28 46 13 31-1686 EA B-17R, 12 Volt DC, 17 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2010A).....	330.59	27.16
28 46 13 31-1687 EA B-55R, 12 Volt DC, 55 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2710A).....	854.24	27.16
28 46 13 31-1688 EA B-7R, 12 Volt DC, 7 Ampere Hours Sealed Lead Acid Battery (Gamewell-FCI 100-2311A).....	169.96	27.16
28 46 13 31-1689 EA BC-1, Battery Cabinet, Beige (Gamewell-FCI 1100-0653).....	399.37	54.31
28 46 13 31-1690 EA BC-1R, Battery Cabinet, Red (Gamewell-FCI 1100-0654).....	399.37	54.31
28 46 13 31-1691 EA 12" High x 12" Wide x 24" Length Vented Steel Battery Cabinet With Hinged Key Lockable Cover (Gamewell-FCI GW70970).....	352.79	54.31
28 46 13 31-1692 Electronic Door Holders (28 46 13 31-1599)		
Note: Rixson products.		
28 46 13 31-1693 EA XK-996, Door Holder Extender Kit, 1-1/2" Spacer (Gamewell-FCI 140-30000).....	58.09	5.43
28 46 13 31-1694 EA FM-980, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Door Holder (Gamewell-FCI 140-90000).....	466.98	40.74
28 46 13 31-1695 EA FM-981, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Floor Mount Holder For Double Doors (Gamewell-FCI 140-90001).....	642.07	40.74
28 46 13 31-1696 EA FM-990, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Low Profile Mount Door Holder (Gamewell-FCI 140-90002).....	292.54	40.74
28 46 13 31-1697 EA FM-996, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Surface Mount Door Holder (Gamewell-FCI 140-90003).....	278.08	40.74
28 46 13 31-1698 EA FM-997, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder (Gamewell-FCI 140-90004).....	292.54	40.74
28 46 13 31-1699 EA FM-998, 12 Volt DC, 24 Volt AC/DC Or 120 Volt AC, Recessed Mount Door Holder With Concealed Wiring (Gamewell-FCI 140-90005).....	291.89	40.74
28 46 13 31-1700 Fire Alarm Programming (28 46 13 31-1599)		
Note: For device replacement projects only. Tasks not to be used on projects where a fire alarm panel is replaced.		
28 46 13 31-1701 EA Program And Test Up To 5 Total Fire Alarm Devices.....	500.00	
28 46 13 31-1702 EA Program And Test >5 To 20 Total Fire Alarm Devices.....	1,000.00	
28 46 13 31-1703 EA Program And Test >20 To 50 Total Fire Alarm Devices.....	2,000.00	
28 46 13 31-1704 Fire-Lite Fire Alarm (28 46 13 31-0977)		
28 46 13 31-1705 Addressable Control Panels (28 46 13 31-1704)		
28 46 13 31-1706 EA 25 Point Intelligent Control (Fire Lite MS-25).....	2,010.60	543.14
28 46 13 31-1707 EA 50 Point Intelligent Control (Fire Lite MS-9050UD).....	2,235.49	543.14
28 46 13 31-1708 EA 198-Point Intelligent Control (Fire Lite MS-9200UDLS).....	3,125.25	543.14
28 46 13 31-1709 EA 636-Point Intelligent Control (Fire Lite MS-9600LS).....	4,654.60	543.14
28 46 13 31-1710 EA 636-Point Intelligent Control (Fire Lite MS-9600UDLS).....	4,440.03	543.14
28 46 13 31-1711 EA IP And 4G Cellur Fire Alarm Communicator For Fire Alarm Control Panel (Fire-Lite IPGSM-4G).....	651.73	
28 46 13 31-1712 Silent Knight Fire Alarm (28 46 13 31-0977)		
28 46 13 31-1713 EA Addressable Fire Alarm Control Panel With Integrated Emergency Communication System (Silent Knight 5820XL-EVS).....	5,574.55	271.57
28 46 13 31-1714 EA Supervised Remote Command Unit (Silent Knight EVS-RCU).....	2,283.05	162.94
28 46 13 31-1715 EA 50 Watt Amplifier (Silent Knight EVS-50W).....	1,604.35	108.63
28 46 13 31-1716 EA 125 Watt Amplifier (Silent Knight EVS-125W).....	2,908.36	108.63
28 46 13 31-1717 EA Voice Evacuation System (Silent Knight SKE-450).....	2,779.12	108.63
28 46 13 31-1718 EA Fire Fighters Telephone (Silent Knight SK-FFT).....	2,294.43	108.63
28 46 13 31-1719 EA Multi-Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5820XL).....	2,317.66	162.94
28 46 13 31-1720 EA Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5808).....	1,731.28	108.63
28 46 13 31-1721 EA Single Loop Addressable Fire Alarm Control/Communicator System (Silent Knight 5700).....	1,307.90	108.63
28 46 13 31-1722 EA Hybrid Conventional Fire Alarm Control/Communicator System (Silent Knight 5600).....	1,118.73	108.63
28 46 13 31-1723 EA Combination Fire And CO Detector (Silent Knight SK-FIRE-CO).....	353.26	40.74
28 46 13 31-1724 EA Photoelectric Detector (Silent Knight SK-PHOTO).....	190.88	40.74
28 46 13 31-1725 EA Photoelectric Thermal Detector (Silent Knight SK-PHOTO-T).....	202.18	40.74
28 46 13 31-1726 EA Ionization Smoke Detector (Silent Knight SK-ION).....	203.45	40.74
28 46 13 31-1727 EA 135 Degree Fixed Temperature Detector (Silent Knight SK-HEAT).....	174.24	40.74
28 46 13 31-1728 EA 190 Degree Fixed Temperature Detector (Silent Knight SK-HEAT-HT).....	184.56	40.74
28 46 13 31-1729 EA 135 Degree Fixed Temperature Rate-of-Rise Detector (Silent Knight SK-HEAT-ROR).....	188.37	40.74
28 46 13 31-1730 EA Sounder Base (Silent Knight B200SR).....	120.19	13.58
28 46 13 31-1731 EA Intelligent Sounder Base (Silent Knight B200S).....	127.74	13.58

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 13 31-1732	EA	Isolator Base (Silent Knight B224BI).....	98.84	13.58
28 46 13 31-1733	EA	Relay Base (Silent Knight B224RB).....	100.08	13.58
28 46 13 31-1734	EA	Multi-Criteria Photoelectric Detector With Thermal Sensing (Silent Knight SK-ACCLIMATE).....	207.40	40.74
28 46 13 31-1735	EA	Photoelectric Duct Detector (Silent Knight SK-DUCT).....	348.53	40.74
28 46 13 31-1736	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM).....	1,299.84	40.74
28 46 13 31-1737	EA	Single-Ended Reflected Beam Smoke Detector (Silent Knight SK-BEAM-T).....	1,477.78	40.74
28 46 13 31-1738	EA	Dual Monitor Module (Silent Knight SK-MONITOR-2).....	250.99	40.74
28 46 13 31-1739	EA	Supervised Control Module (Silent Knight SK-CONTROL).....	204.97	40.74
28 46 13 31-1740	EA	Six Circuit Supervised Control Module (Silent Knight SK-CONTROL-6).....	739.19	54.31
28 46 13 31-1741	EA	Relay Control Module (Silent Knight SK-RELAY).....	180.24	27.16
28 46 13 31-1742	EA	Six Relay Control Module (Silent Knight SK-RELAY-6).....	713.49	54.31
28 46 13 31-1743	EA	Zone Interface Module (Silent Knight SK-ZONE).....	209.81	40.74
28 46 13 31-1744	EA	Six Zone Interface Module (Silent Knight SK-ZONE-6).....	860.63	54.31
28 46 13 31-1745	EA	Monitor Module (Silent Knight SK-MONITOR).....	177.03	40.74
28 46 13 31-1746	EA	10 Input Monitor Module (Silent Knight SK-MON-10).....	832.61	54.31
28 46 13 31-1747	EA	Monitor Module (Silent Knight SK-MINIMON).....	163.22	40.74
28 46 13 31-1748	EA	Fault Isolator Module (Silent Knight SK-ISO).....	184.56	40.74
28 46 13 31-1749	EA	Addressable Heat Sensor (Silent Knight SD505-AHS).....	180.82	40.74
28 46 13 31-1750	EA	Analog Ionization Smoke Detector (Silent Knight SD505-AIS).....	198.63	40.74
28 46 13 31-1751	EA	Addressable Photoelectric Smoke Detector (Silent Knight SD505-APS).....	184.56	40.74
28 46 13 31-1752	EA	6" Addressable Sounder Base (Silent Knight SD505-6SB).....	149.14	13.58
28 46 13 31-1753	EA	6" Addressable Relay Base (Silent Knight SD505-6RB).....	140.32	13.58
28 46 13 31-1754	EA	6" Isolator Base (Silent Knight SD505-6IB).....	126.51	13.58
28 46 13 31-1755	EA	Addressable Input Module (Silent Knight SD500-AIM).....	183.33	40.74
28 46 13 31-1756	EA	Addressable Notification Module (Silent Knight SD500-ANM).....	231.61	40.74
28 46 13 31-1757	EA	Addressable Relay Module (Silent Knight SD500-ARM).....	204.97	40.74
28 46 13 31-1758	EA	SLC Annunciator Driver Module (Silent Knight SD500-LED).....	842.55	81.47
28 46 13 31-1759	EA	Loop Isolation Module (Silent Knight SD500-LIM).....	192.12	40.74
28 46 13 31-1760	EA	Addressable Mini Input Module (Silent Knight SD500-MIM).....	153.66	27.16
28 46 13 31-1761	EA	Single Action Addressable Pull Station (Silent Knight SD500-PS).....	202.03	27.16
28 46 13 31-1762	EA	Dual Action Addressable Pull Station (Silent Knight SD500-PSDA).....	192.34	27.16
28 46 13 31-1763	EA	Back Box (Silent Knight SK-PSSMBB).....	84.00	21.72
28 46 13 31-1764	EA	Smoke Detector Module (Silent Knight SD500-SDM).....	217.07	40.74
28 46 13 31-1765	EA	Addressable Smoke 4" Detector Base (Silent Knight SD505-4AB).....	50.15	13.58
28 46 13 31-1766	EA	Addressable Smoke 6" Detector Base (Silent Knight SD505-6AB).....	50.15	13.58
28 46 13 31-1767	EA	Addressable Duct Housing (Silent Knight SD505-DUCT).....	365.09	40.74
28 46 13 31-1768	EA	Addressable Duct Housing With Built-In Relay (Silent Knight SD505-DUCTR).....	480.89	40.74
28 46 13 31-1769	EA	Addressable Duct Detector Test Switch (Silent Knight SD505-DTS).....	189.60	40.74
28 46 13 31-1770	EA	Intelligent Power Module (Silent Knight 5895XL).....	1,219.15	108.63
28 46 13 31-1771	EA	Addressable Power Supply (Silent Knight 5496).....	847.22	81.47
28 46 13 31-1772	EA	Relay Interface Board (Silent Knight 5883).....	326.10	27.16
28 46 13 31-1773	EA	Remote LED Annunciator (Silent Knight 5865-3).....	671.45	54.31
28 46 13 31-1774	EA	Remote LED Annunciator (Silent Knight 5865-4).....	764.42	54.31
28 46 13 31-1775	EA	Remote LCD Annunciator (Silent Knight SK-5860).....	709.42	81.47
28 46 13 31-1776	EA	Serial/Parallel Printer Interface (Silent Knight 5824).....	472.64	27.16
28 46 13 31-1777	EA	LED Input/Output Module (Silent Knight / IntelliKnight 5880).....	550.87	40.74
28 46 13 31-1778	EA	Addressable Pull Station (Silent Knight SK-Pull-DA/SA).....	192.34	27.16
28 46 13 31-1779	EA	Digital Fire Communicator with Cabinet (Silent Knight SK-5104).....	676.72	81.47
28 46 13 31-1780	EA	Communicator (Silent Knight IPGSM-4G).....	1,033.62	54.31
28 46 13 31-1781	EA	Ten Zone Conventional Fire Alarm Control Panel (Silent Knight SK-5208).....	1,622.81	108.63
28 46 13 31-1782	EA	10 Zone Expander (Silent Knight SK-5217).....	456.11	27.16
28 46 13 31-1783	EA	Remote Annunciator (Silent Knight SK-5235).....	444.24	54.31
28 46 13 31-1784	EA	Status Display Module (Silent Knight 5280).....	123.48	27.16
28 46 13 31-1785	EA	Serial/Parallel Module (Silent Knight 5824).....	526.96	54.31
28 46 13 31-1786	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4).....	901.54	108.63
28 46 13 31-1787	EA	Four Zone Conventional Fire Alarm Control Panel (Silent Knight SK-4E).....	920.21	108.63
28 46 13 31-1788	EA	Dress Panel (Silent Knight SK-DP2/4).....	167.47	27.16
28 46 13 31-1789	EA	Class A Converter (Silent Knight SK-CAC4).....	450.17	40.74
28 46 13 31-1790	EA	Transmitter Module (Silent Knight SK-4XTM).....	229.19	40.74
28 46 13 31-1791	EA	LED Interface Module (Silent Knight SK-4XML).....	209.81	40.74
28 46 13 31-1792	EA	110 Volt AC, 3-6 Amperes, Transformer (Silent Knight SK-XRM24).....	221.40	27.16
28 46 13 31-1793	EA	Remote Annunciator (Silent Knight SK-RZA4).....	209.81	40.74
28 46 13 31-1794	EA	Zone Relay Module (Silent Knight SK-4XZM).....	226.76	40.74
28 46 13 31-1795	EA	Two Zone Conventional Fire Alarm Control Panel (Silent Knight SK-2).....	773.08	108.63
28 46 13 31-1796	EA	Remote Battery Box Accessory Cabinet (Silent Knight RBB).....	192.34	27.16
28 46 13 31-1797	EA	Manual Pull Station (single action) (Silent Knight PS-SATK).....	101.20	27.16
28 46 13 31-1798	EA	Manual Pull Station (dual action) (Silent Knight PS-DATK).....	110.55	27.16
28 46 13 31-1799	EA	Manual Pull Station (dual action) (Silent Knight PS-DA).....	107.93	27.16
28 46 13 31-1800	EA	Dual Action Manual Pull Station, Hex Key (Silent Knight PS-DAH).....	95.10	27.16
28 46 13 31-1801	EA	Dual Action Listed Outdoor Manual Pull Station With Black Box (Silent Knight PS-DALOB).....	225.01	32.59
28 46 13 31-1802	EA	6 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5495).....	793.50	81.47
28 46 13 31-1803	EA	9 Amperes, 24 Volt DC, Distributed Power Module (with cabinet) (Silent Knight SK-5499).....	896.26	81.47
28 46 13 31-1804	EA	Detector (Silent Knight IDP-PhotoR).....	277.47	40.74
28 46 13 31-1805	EA	Monitoring Module (Silent Knight IDP).....	277.65	40.74
28 46 13 31-1806	EA	Cabinet (Silent Knight SK-5207).....	369.26	81.47
28 46 13 31-1807	EA	Innovair IDP-Product (Silent Knight Innovair IDP-Pduct).....	570.11	27.16
28 46 13 31-1808	EA	I/O Input-Output Module (Silent Knight SK-2880).....	776.43	27.16
28 46 13 31-1809	EA	Remote Annunciator (Silent Knight RA-2000).....	2,226.14	81.47
28 46 13 31-1810	EA	Power Supply (Silent Knight 5195/96).....	1,395.39	27.16
28 46 13 31-1811	EA	8 Zone Expander (Silent Knight SK-5210).....	1,085.91	27.16
28 46 13 31-1812	EA	LCD Remote Annunciator (Silent Knight SK-5230).....	420.60	54.31
28 46 13 31-1813	EA	Ionization Smoke Detector (Silent Knight SK-ION).....	203.45	40.74
28 46 13 31-1814	EA	Addressable Relay Module (Silent Knight IDP-Relay).....	236.21	40.74

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1815 EA Telephone Line Monitor (Silent Knight SK-7150).....	147.15	27.16
28 46 13 31-1816 EA Serial Driver Board (Silent Knight SK-2884).....	283.33	27.16
28 46 13 31-1817 EA Smoke Detector Base (Silent Knight IDP-6AB).....	78.74	13.58
28 46 13 31-1818 EA Mini Input Module (Silent Knight IDP-MINIMON).....	209.05	27.16
28 46 13 31-1819 EA Status Display Module (Silent Knight SK-4180).....	797.06	27.16
28 46 13 31-1820 EA 8-Channel Digital Communicator (Silent Knight SK-1420).....	466.95	27.16
28 46 13 31-1821 EA Serial Parallel Module (Silent Knight SK-4824).....	425.69	27.16
28 46 13 31-1822 EA Power Supply (Silent Knight SK-5197 / SK-5198).....	1,601.71	27.16
28 46 13 31-1823 EA 4-Zone Fire Alarm Control Panel, Complete (Silent Knight SK-5204).....	2,693.10	108.63
28 46 13 31-1824 EA Intelligent Ionization Smoke Detector (Silent Knight IDP-ION).....	287.79	40.74
28 46 13 31-1825 EA Intelligent Photoelectric Smoke Detector (Silent Knight IDP-Photo).....	236.21	40.74
28 46 13 31-1826 EA Fire Slave Communicator Dialer (Silent Knight SK-5128).....	504.21	27.16
28 46 13 31-1827 EA Intelligent Power Module (with cabinet) (Silent Knight SK-5496).....	847.22	81.47
28 46 13 31-1828 Alerton Fire Alarm (28 46 13 31)		
28 46 13 31-1829 EA UL Listed Surge Protector In CHS-M3 Or CPU2-640 Chassis (Alerton ESD-100).....	637.84	8.15
28 46 13 31-1830 Cooper Fire Alarm (28 46 13 31)		
28 46 13 31-1831 EA Single Circuit Class A / Multiple B, 12 Or 24 Volt DC, Sync Module (Cooper DSM-12/24-R).....	200.77	27.16
28 46 13 31-1832 EA Red Lens, 21 Joules, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X And 6, Strobe (Cooper EP109205-001).....	4,445.16	46.16
28 46 13 31-1833 EA Red, 100 dB, 24 Volt DC, Class I, Div 1, Groups C, D, NEMA 4X, Multitone Horn (Cooper EP109206-002).....	5,868.17	46.16
28 46 13 31-1834 EA Red Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-001).....	2,127.72	54.31
28 46 13 31-1835 EA Clear Lens, 5 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-002).....	2,140.37	54.31
28 46 13 31-1836 EA Amber Lens, 5 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109201-007).....	2,140.37	54.31
28 46 13 31-1837 EA Red Lens, 10 Joules, 24 Volt DC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-001).....	1,580.65	54.31
28 46 13 31-1838 EA Amber Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-003).....	1,580.65	54.31
28 46 13 31-1839 EA Red Lens, 10 Joules, 120 Volt AC, Wire Guard, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-004).....	1,580.65	54.31
28 46 13 31-1840 EA Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-005).....	2,140.37	54.31
28 46 13 31-1841 EA Amber Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-006).....	2,140.37	54.31
28 46 13 31-1842 EA Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Backstrap, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-007).....	2,140.37	54.31
28 46 13 31-1843 EA Red Lens, 15 Joules, 120 Volt AC, Wire Guard, Black Finish, Pendant Mounted, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109202-008).....	2,140.37	54.31
28 46 13 31-1844 EA Red Lens, 15 Joules, 24 Volt DC, Wire Guard, Blackstrap, Black Finish, Class I, Div 2, Groups A, B, C And D, NEMA 4X And 6, Strobe (Cooper HL109203-002).....	2,140.37	54.31
28 46 13 31-1845 EA Red Lens, 21 Joules, 24 Volt DC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-001).....	2,467.66	54.31
28 46 13 31-1846 EA Red Lens, 21 Joules, 24 Volt DC, Black Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-003).....	2,290.58	54.31
28 46 13 31-1847 EA Amber Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-005).....	2,290.58	54.31
28 46 13 31-1848 EA Red Lens, 21 Joules, 110 Volt AC, Red Finish, Class I, Div 2, Groups C And D, NEMA 4X And 6, Strobe (Cooper HL109204-006).....	2,290.58	54.31
28 46 13 31-1849 Light Engineered Displays Message Boards (28 46 13 31)		
28 46 13 31-1850 EA Two Message Sign, Announcement And Evacuate (LED SP-2/MNS).....	910.62	32.59
28 46 13 31-1851 EA Four Message Sign, Fire, Weather, Announcement, E Voltuate (LED SP-4).....	801.80	32.59
28 46 13 31-1852 Safety Technology International Fire Alarm (28 46 13 31)		
28 46 13 31-1853 Enclosures (28 46 13 31-1852)		
28 46 13 31-1854 EA 6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF060604-O).....	162.40	16.29
28 46 13 31-1855 EA 6" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF060604-W).....	214.55	16.29
28 46 13 31-1856 EA 8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080604-O).....	165.87	16.29
28 46 13 31-1857 EA 8" Height x 6" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080604-W).....	215.71	16.29
28 46 13 31-1858 EA 8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure (STI EF080804-O).....	170.51	16.29
28 46 13 31-1859 EA 8" Height x 8" Width x 4" Depth, Opaque, Fiberglass Enclosure With Window (STI EF080804-W).....	250.48	16.29
28 46 13 31-1860 EA 10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF100806-O).....	178.62	16.29
28 46 13 31-1861 EA 10" Height x 8" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF100806-W).....	249.32	16.29
28 46 13 31-1862 EA 12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF121006-O).....	192.53	16.29
28 46 13 31-1863 EA 12" Height x 10" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF121006-W).....	271.34	16.29
28 46 13 31-1864 EA 14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure (STI EF141206-O).....	230.78	16.29
28 46 13 31-1865 EA 14" Height x 12" Width x 6" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141206-W).....	354.79	16.29
28 46 13 31-1866 EA 14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF141208-O).....	249.32	16.29
28 46 13 31-1867 EA 14" Height x 12" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF141208-W).....	449.83	16.29
28 46 13 31-1868 EA 16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure (STI EF161408-O).....	265.55	16.29
28 46 13 31-1869 EA 16" Height x 14" Width x 8" Depth, Opaque, Fiberglass Enclosure With Window (STI EF161408-W).....	463.73	16.29
28 46 13 31-1870 EA 18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF181610-O).....	317.70	16.29
28 46 13 31-1871 EA 18" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF181610-W).....	476.48	16.29
28 46 13 31-1872 EA 20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure (STI EF201610-O).....	463.73	16.29
28 46 13 31-1873 EA 20" Height x 16" Width x 10" Depth, Opaque, Fiberglass Enclosure With Window (STI EF201610-W).....	693.21	16.29

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

28 46 13 31-1874	EA	6" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP060605-O)	118.36	16.29
28 46 13 31-1875	EA	6" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP060605-T)	129.95	16.29
28 46 13 31-1876	EA	8" Height x 6" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080605-O)	123.57	16.29
28 46 13 31-1877	EA	8" Height x 6" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080605-T)	133.42	16.29
28 46 13 31-1878	EA	8" Height x 8" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP080805-O)	128.21	16.29
28 46 13 31-1879	EA	8" Height x 8" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP080805-T)	139.80	16.29
28 46 13 31-1880	EA	10" Height x 8" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP100806-O)	129.95	16.29
28 46 13 31-1881	EA	10" Height x 8" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP100806-T)	153.70	16.29
28 46 13 31-1882	EA	10" Height x 8" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP100807-O)	136.90	16.29
28 46 13 31-1883	EA	10" Height x 8" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP100807-T)	158.34	16.29
28 46 13 31-1884	EA	10" Height x 10" Width x 6" Depth, Opaque, Polycarbonate Enclosure (STI EP101006-O)	143.27	16.29
28 46 13 31-1885	EA	10" Height x 10" Width x 6" Depth, Tinted, Polycarbonate Enclosure (STI EP101006-T)	161.24	16.29
28 46 13 31-1886	EA	12" Height x 10" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP121007-O)	145.01	16.29
28 46 13 31-1887	EA	12" Height x 10" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP121007-T)	167.03	16.29
28 46 13 31-1888	EA	14" Height x 12" Width x 7" Depth, Opaque, Polycarbonate Enclosure (STI EP141207-O)	171.67	16.29
28 46 13 31-1889	EA	14" Height x 12" Width x 7" Depth, Tinted, Polycarbonate Enclosure (STI EP141207-T)	215.71	16.29
28 46 13 31-1890	EA	16" Height x 14" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP161409-O)	190.21	16.29
28 46 13 31-1891	EA	16" Height x 14" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP161409-T)	259.75	16.29
28 46 13 31-1892	EA	18" Height x 16" Width x 5" Depth, Opaque, Polycarbonate Enclosure (STI EP181604-O)	212.23	16.29
28 46 13 31-1893	EA	18" Height x 16" Width x 5" Depth, Tinted, Polycarbonate Enclosure (STI EP181604-T)	279.45	16.29
28 46 13 31-1894	EA	18" Height x 16" Width x 11" Depth, Opaque, Polycarbonate Enclosure (STI EP181611-O)	242.37	16.29
28 46 13 31-1895	EA	18" Height x 16" Width x 11" Depth, Tinted, Polycarbonate Enclosure (STI EP181611-T)	329.29	16.29
28 46 13 31-1896	EA	20" Height x 16" Width x 9" Depth, Opaque, Polycarbonate Enclosure (STI EP201608-O)	391.88	16.29
28 46 13 31-1897	EA	20" Height x 16" Width x 9" Depth, Tinted, Polycarbonate Enclosure (STI EP201608-T)	410.42	16.29
28 46 13 31-1898	EA	24" Height x 24" Width x 10" Depth, Opaque, Polycarbonate Enclosure (STI EP242410-O)	595.86	16.29
28 46 13 31-1899	EA	24" Height x 24" Width x 10" Depth, Tinted, Polycarbonate Enclosure (STI EP242410-T)	692.06	16.29

28 46 13 31-1900 STI® Fire Alarm Devices (28 46 13 31-1852)

28 46 13 31-1901	EA	Pull Station Polycarbonate Cover, Semi Flush With Horn (STI-1100)	196.59	16.29
Note: Includes 9 Volt DC self contained battery.				
28 46 13 31-1902	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover With Horn (STI-1130)	215.71	16.29
28 46 13 31-1903	EA	Flush Mounted, Manual Pull Station Polycarbonate Cover (STI-1200)	122.12	16.29
28 46 13 31-1904	EA	Surface Mounted, Horn Strobe Polycarbonate Cover (STI-1210D)	123.28	16.29
Note: For surface mounted horn strobes.				
28 46 13 31-1905	EA	Flush Mounted, Horn Strobe Polycarbonate Cover (STI-1210E)	108.21	16.29
28 46 13 31-1906	EA	Strobe Damage Stopper And Open Backbox With Conduit Knockout (STI-1221D)	123.28	16.29
Note: For surface mounted strobe.				
28 46 13 31-1907	EA	Strobe Damage Stopper And Open Backbox, Semi Flush (STI-1221E)	96.91	16.29
28 46 13 31-1908	EA	NEMA 4X Rated Polycarbonate Dome Cover (STI-1229)	244.69	16.29
28 46 13 31-1909	EA	Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-1230)	158.92	16.29
Note: For surface mounted pull stations.				
28 46 13 31-1910	EA	Backplate For Polycarbonate Cover (STI-1280)	69.21	16.29
28 46 13 31-1911	EA	Conduit Gasket For Polycarbonate Cover (STI-3003)	46.50	16.29
28 46 13 31-1912	EA	Conduit Spacer For Surface Mounted Polycarbonate Cover (STI-3100)	70.49	16.29
28 46 13 31-1913	EA	Weather Resistant, Surface Mounted, Manual Pull Station Polycarbonate Cover (STI-3150)	179.20	16.29
28 46 13 31-1914	EA	8.5" x 6.5" x 4.6", Thumb Lock, Lockable Enclosure (STI-7511A)	146.17	16.29
28 46 13 31-1915	EA	Flush Mounted, Smoke Detector Polycarbonate Cover (STI-8100)	104.45	16.29
28 46 13 31-1916	EA	Flush Mounted, Low Profile, Smoke Detector Steel Wire Cover (STI-9601)	98.07	16.29
28 46 13 31-1917	EA	Surface Mounted, Low Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9602)	94.31	16.29
28 46 13 31-1918	EA	Flush Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9604)	98.07	16.29
28 46 13 31-1919	EA	Surface Mounted, Mini Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9605)	94.31	16.29
28 46 13 31-1920	EA	Flush Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9609)	98.07	16.29
28 46 13 31-1921	EA	Surface Mounted, High Profile, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9610)	94.31	16.29
28 46 13 31-1922	EA	Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9625)	197.75	16.29
28 46 13 31-1923	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705)	86.71	16.29
28 46 13 31-1924	EA	Red, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9705-R)	100.58	16.29
28 46 13 31-1925	EA	Flush Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9706)	138.64	16.29
28 46 13 31-1926	EA	Surface Mounted, Beam Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9707)	138.64	16.29
28 46 13 31-1927	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708)	96.91	16.29
28 46 13 31-1928	EA	Red, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9708-R)	96.91	16.29
28 46 13 31-1929	EA	White, Flush Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9711)	86.71	16.29
28 46 13 31-1930	EA	Flush Mounted, Smoke Detector, Polyester Shell, Steel Wire Cover (STI-9713)	96.91	16.29
28 46 13 31-1931	EA	White, Surface Mounted, Horn/Strobe/Speaker, Polyester Shell, Steel Wire Cover (STI-9714)	96.91	16.29
28 46 13 31-1932	EA	Yellow, High Threat, Push Button Station (STI SS-2201)	124.99	8.15
28 46 13 31-1933	EA	Gasket Kit For STI Covers (STI SUB-121)	50.71	
28 46 13 31-1934	EA	Universal Cover With Horn, Flush Mount, Momentary Button, Exit Label, Green Stopper Station (STI SS-2144XT)	259.75	16.29
28 46 13 31-1935	EA	No Cover, Push And Turn-To-Reset Button, Evacuation Label, Yellow Stopper Station (STI SS-2201EV)	136.32	16.29
28 46 13 31-1936	EA	No Cover, Push And Key-To-Rest Button, Emergency Label, Blue Stopper Station (STI SS-2400EM)	136.32	16.29
28 46 13 31-1937	EA	Universal Cover With Horn, Flush Mount, Push And Key-To-Reset Button, Emergency Label, Blue Stopper Station (STI SS-2440EM)	259.75	16.29
28 46 13 31-1938	EA	Flush Mounted, Weather Stopper II (STI-1250)	147.62	16.29
28 46 13 31-1939	EA	Flush Mounted, Clear, Universal Stopper (STI-13000NC)	94.31	16.29
28 46 13 31-1940	EA	Flush Mounted, Universal, Fire Label, Red, Stopper With Horn (STI-13020FR)	169.93	16.29
28 46 13 31-1941	EA	Surface Mounted, Clear, Universal Stopper (STI-13200NC)	116.04	16.29
28 46 13 31-1942	EA	Surface Mounted, Fire Label, Red, Universal Stopper (STI-13210FR)	127.63	16.29
28 46 13 31-1943	EA	Surface Mounted, No Label, White, Universal Stopper (STI-13210NW)	139.80	16.29
28 46 13 31-1944	EA	Surface Mounted, No Label, Yellow, Universal Stopper (STI-13210NY)	139.80	16.29
28 46 13 31-1945	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn (STI-13220FR)	191.37	16.29
28 46 13 31-1946	EA	Surface Mounted, No Label, Yellow, Universal Stopper With Horn (STI-13220NY)	202.96	16.29
28 46 13 31-1947	EA	Surface Mounted, Fire Label, Red, Universal Stopper With Horn And Relay (STI-13230FR)	243.53	16.29
28 46 13 31-1948	EA	Stopper II, Weather Gasket (STI-3002)	45.28	16.29
28 46 13 31-1949	EA	Large, Break Glass Stopper (STI-4100)	138.64	16.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-1950 EA Stopper "G" Standard Break Glass Cover (STI-6100)	133.42	16.29
28 46 13 31-1951 EA Clear, Polycarbonate Enclosure With Deep Back Box And Exterior Key Lock (STI-7510A)	128.50	16.29
28 46 13 31-1952 EA Polycarbonate Multi-Purpose Enclosure With Backplate And Key Lock (STI-7530)	361.74	16.29
28 46 13 31-1953 EA Heated, Metal, Protective Cabinet (STI-7560AH)	5,201.69	16.29
28 46 13 31-1954 EA Stainless Steel Guard (STI-9604SS)	89.38	16.29
28 46 13 31-1955 EA 5-3/4" Width x 4-1/2" Depth, Motion Detector Guard (STI-9621)	79.24	16.29
28 46 13 31-1956 System Sensor Fire Alarm (28 46 13 31)		
28 46 13 31-1957 Smoke Detectors (28 46 13 31-1956)		
28 46 13 31-1958 EA Beam Detector Heater Kit (System Sensor BEAMHK)	63.86	5.43
28 46 13 31-1959 EA Reflectors, Beam Detector Heater Kit (System Sensor BEAMHKR)	276.40	5.43
Note: Four used with long range kit.		
28 46 13 31-1960 EA Projected Beam Smoke Detector Long Range Kit (System Sensor BEAMLRK)	315.81	54.31
28 46 13 31-1961 EA Wall Or Ceiling Mounted, Projected Beam Smoke Detector Multi-Mount Kit (System Sensor BEAMMMK)	224.72	54.31
28 46 13 31-1962 EA Projected Beam Smoke Detector Surface Mounted Kit (System Sensor BEAMSMK)	178.29	54.31
28 46 13 31-1963 EA Two Wire, Photoelectric Smoke Detector (System Sensor 2W-B)	170.87	40.74
28 46 13 31-1964 EA Two Wire, Photoelectric Smoke Detector With Thermal Sensor (System Sensor 2WT-B)	168.09	40.74
28 46 13 31-1965 EA Two Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 2WTA-B)	180.50	40.74
28 46 13 31-1966 EA Four Wire, Photoelectric Smoke Detector (System Sensor 4W-B)	173.97	40.74
28 46 13 31-1967 EA Four Wire, Photoelectric Smoke Detector With Thermal Sensor, 12/24 Volt DC (System Sensor 4WT-B)	180.00	40.74
28 46 13 31-1968 EA Four Wire, Photoelectric Smoke Detector With Thermal Sensor And Built In Sounder (System Sensor 4WTA-B)	185.32	40.74
28 46 13 31-1969 EA Four Wire, Photoelectric Smoke Detector With Isolated Thermal Sensor, Built In Sounder, Form C Relay (System Sensor 4WITAR-B)	252.23	40.74
28 46 13 31-1970 EA Photoelectric, Low-Profile, Smoke Detector Head (System Sensor 2151)	146.01	27.16
28 46 13 31-1971 EA Photoelectric With Thermal Sensor, Low-Profile, Smoke Detector Head (System Sensor 2151T)	168.15	27.16
Note: Requires B100 series base.		
28 46 13 31-1972 EA Heavy Duty Multi-Mount Kit (System Sensor 6500-MMK)	315.31	13.58
28 46 13 31-1973 EA Surface-Mount Kit For Use With Beam1224 And FSB-200 When Using 6500-MMK Heavy Duty Multi-Mount Kit (System Sensor 6500-SMK)	103.66	13.58
28 46 13 31-1974 EA Four Wire, Low Profile, Plug In Detector (System Sensor 2D51)	193.68	40.74
28 46 13 31-1975 Duct Smoke Detectors (28 46 13 31-1956)		
28 46 13 31-1976 EA Two Wire Conventional Photoelectric Duct Detector (Includes 2151 Detector) (System Sensor D2)	393.43	40.74
28 46 13 31-1977 EA Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120)	389.86	40.74
28 46 13 31-1978 EA Watertight, Four Wire Conventional Photoelectric Duct Detector (Includes 2D51 Detector) (System Sensor D4120W)	515.04	46.16
28 46 13 31-1979 EA Sensor Only, Four Wire Conventional Photoelectric Duct Detector (System Sensor D4S)	256.73	27.16
28 46 13 31-1980 EA Duct Accessory Coil (Required On DNR If A Remote Test Station Is Used) (System Sensor DCOIL)	69.28	8.15
28 46 13 31-1981 EA Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNR)	220.86	21.72
28 46 13 31-1982 EA Watertight, Intelligent, Non-Relay, Duct Smoke Detector Housing (System Sensor DNRW)	362.70	27.16
28 46 13 31-1983 EA 1' Steel Sampling Tube (System Sensor DST1)	37.08	10.87
28 46 13 31-1984 EA 1.5' Steel Sampling Tube (System Sensor DST1.5)	41.13	10.87
28 46 13 31-1985 EA 3' Steel Sampling Tube (System Sensor DST3)	47.26	10.87
28 46 13 31-1986 EA 5' Steel Sampling Tube (System Sensor DST5)	55.36	13.58
28 46 13 31-1987 EA 10' Steel Sampling Tube (System Sensor DST10)	92.01	16.29
28 46 13 31-1988 EA 1' Steel, Exhaust Tube Duct (System Sensor ETX)	42.80	10.87
28 46 13 31-1989 EA Remote Test Station For Duct Smoke Detector (System Sensor RTS151)	103.36	13.58
28 46 13 31-1990 EA Detector Installation/Removal Tool Kit For 700 Series Detectors (System Sensor XR2)	238.74	
28 46 13 31-1991 EA Detector Installation/Removal Tool Kit For 800 And 355 Series Detectors (System Sensor XR2B)	256.60	
28 46 13 31-1992 Heat Detectors (28 46 13 31-1956)		
28 46 13 31-1993 EA Single Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5601P)	110.35	40.74
28 46 13 31-1994 EA Single Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5602)	109.69	40.74
28 46 13 31-1995 EA Dual Circuit, 135 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5621)	130.88	40.74
28 46 13 31-1996 EA Dual Circuit, 194 Degree F, Fixed And Rate-Of-Rise, Heat Detector (System Sensor 5622)	130.88	40.74
28 46 13 31-1997 EA Dual Circuit, 135 Degree F, Fixed Temperature Heat Detector (System Sensor 5623)	138.19	40.74
28 46 13 31-1998 EA Dual Circuit, 194 Degree F, Fixed Temperature Heat Detector (System Sensor 5624)	138.19	40.74
28 46 13 31-1999 Horns (28 46 13 31-1956)		
28 46 13 31-2000 EA Red, Mini Horn (System Sensor MHR)	119.27	40.74
28 46 13 31-2001 EA White, Mini Horn (System Sensor MHW)	119.27	40.74
28 46 13 31-2002 EA White, 12/24 Volt DC, Wall Mounted Horn Only (System Sensor HWL)	121.12	40.74
28 46 13 31-2003 EA Red, Outdoor, Wall Mounted Replacement Horn (System Sensor HRK-R)	154.61	46.16
28 46 13 31-2004 EA Red, Indoor, Wall Mounted, Horn (System Sensor HRL)	121.12	40.74
28 46 13 31-2005 EA Red, Outdoor, Wall Mounted, Horn (System Sensor HRK)	170.87	40.74
28 46 13 31-2006 EA White, Indoor, Wall Mounted, Compact Horn (System Sensor HGRL)	121.72	40.74
28 46 13 31-2007 EA Red, Indoor, Wall Mounted, Compact Horn (System Sensor HGWL)	121.72	40.74
28 46 13 31-2008 Wall Mounted Horns/Strobes (28 46 13 31-1956)		
28 46 13 31-2009 EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL)	170.77	40.74
28 46 13 31-2010 EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RH)	211.12	40.74
28 46 13 31-2011 EA Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK)	259.04	46.16

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2012	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-P).....	252.49	46.16
28 46 13 31-2013	EA	Outdoor Backbox, Red, 120 Volt AC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2RHK-120).....	265.29	46.16
28 46 13 31-2014	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK).....	258.14	46.16
28 46 13 31-2015	EA	Plain, Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-P).....	244.15	46.16
28 46 13 31-2016	EA	Outdoor, Red, , Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RK-R).....	212.15	40.74
28 46 13 31-2017	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2RL-P).....	166.61	40.74
28 46 13 31-2018	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL).....	170.77	40.74
28 46 13 31-2019	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH).....	212.70	40.74
28 46 13 31-2020	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK).....	250.11	46.16
28 46 13 31-2021	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WHK-P).....	252.49	46.16
28 46 13 31-2022	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P2WH-P).....	211.12	40.74
28 46 13 31-2023	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK).....	267.08	46.16
28 46 13 31-2024	EA	Plain, Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WK-P).....	244.15	46.16
28 46 13 31-2025	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P2WL-P).....	165.71	40.74
28 46 13 31-2026	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RL).....	208.28	40.74
28 46 13 31-2027	EA	Red, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor P4RH).....	220.39	40.74
28 46 13 31-2028	EA	Outdoor Backbox, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK).....	254.64	46.16
28 46 13 31-2029	EA	Outdoor, Red, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4RK-R).....	238.20	46.16
28 46 13 31-2030	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WL).....	208.28	40.74
28 46 13 31-2031	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Horn/Strobe (System Sensor PC4WHK).....	269.43	46.16
28 46 13 31-2032	EA	Outdoor Backbox, White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Horn/Strobe (System Sensor P4WK).....	253.08	46.16
28 46 13 31-2033	EA	Red, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2RL-LF).....	260.07	40.74
28 46 13 31-2034	EA	White, 24 Volt DC, Low-frequency, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Horn/Strobe (System Sensor P2WL-LF).....	260.07	40.74
28 46 13 31-2035	EA	Red, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GRL).....	170.18	40.74
28 46 13 31-2036	EA	White, 12/24 Volt DC, Two Wire, Selectable Intensity (15, 30, 75, 95, 110, 135 And 185 Candela) Multi-Candela, Wall Mounted, Compact Horn Strobe (System Sensor P2GWL).....	170.18	40.74
28 46 13 31-2037		Ceiling Mounted Horns/Strobes (28 46 13 31-1956)		
28 46 13 31-2038	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RL).....	173.75	40.74
28 46 13 31-2039	EA	Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RH).....	214.28	40.74
28 46 13 31-2040	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RHK).....	250.11	46.16
28 46 13 31-2041	EA	Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2RK).....	242.37	46.16
28 46 13 31-2042	EA	Plain, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2R-P).....	203.22	40.74
28 46 13 31-2043	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WL).....	173.75	40.74
28 46 13 31-2044	EA	White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH).....	214.28	40.74
28 46 13 31-2045	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WHK).....	250.11	46.16
28 46 13 31-2046	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WH-P).....	214.28	40.74
28 46 13 31-2047	EA	Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2WK).....	242.37	46.16
28 46 13 31-2048	EA	Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC2W-P).....	201.64	40.74
28 46 13 31-2049	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Horn/Strobe (System Sensor PC4RL).....	209.77	40.74
28 46 13 31-2050	EA	Red, Ceiling Mounted, Four Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Horn/Strobe (System Sensor PC4RH).....	220.39	40.74
28 46 13 31-2051	EA	White, Four Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Horn/Strobe (System Sensor PC4WL).....	209.77	40.74
28 46 13 31-2052		Wall Mounted Strobes (28 46 13 31-1956)		
28 46 13 31-2053	EA	White Strobe Expander Plate Backbox Skirt (System Sensor SEP-BBSW).....	80.62	13.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2054 EA White Strobe Expander Plate With Standard Candela (System Sensor SEP-SW).....	160.82	13.58
28 46 13 31-2055 EA Red, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL).....	152.61	40.74
28 46 13 31-2056 EA Red, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRH).....	184.63	40.74
28 46 13 31-2057 EA Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK).....	225.76	46.16
28 46 13 31-2058 EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK).....	223.01	46.16
28 46 13 31-2059 EA Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-P).....	222.72	46.16
28 46 13 31-2060 EA Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRK-R).....	193.55	46.16
28 46 13 31-2061 EA Red, Plain, Selectable Candela (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SRL-P).....	151.13	40.74
28 46 13 31-2062 EA White, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL).....	152.02	40.74
28 46 13 31-2063 EA White, Amber Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-ALERT).....	166.01	40.74
28 46 13 31-2064 EA White, Clear Lens, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-CLR-ALERT).....	190.57	40.74
28 46 13 31-2065 EA White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH).....	200.05	40.74
28 46 13 31-2066 EA White, Amber Lens, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-ALERT).....	198.47	40.74
28 46 13 31-2067 EA White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWH-P).....	198.47	40.74
28 46 13 31-2068 EA Red, Plain, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-P).....	226.29	46.16
28 46 13 31-2069 EA White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK).....	223.61	46.16
28 46 13 31-2070 EA White, Plain, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Strobe (System Sensor SWHK-P).....	225.70	46.16
28 46 13 31-2071 EA Red, Outdoor, Selectable Candela (135, 150, 177, 185 Candela) High-Candela, Wall Mounted Strobe (System Sensor SRHK-R).....	214.09	46.16
28 46 13 31-2072 EA White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK).....	221.23	46.16
28 46 13 31-2073 EA White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Strobe (System Sensor SWK-P).....	222.42	46.16
28 46 13 31-2074 EA White, Plain, 12/24 Volt DC, Selectable (15, 15 /75, 30, 75 , 110, 115 Candela) Multi-Candela, Wall Mounted Strobe (System Sensor SWL-P).....	150.83	40.74
28 46 13 31-2075 EA Amber, Wall Strobe Lens Attachment (System Sensor LENS-A).....	27.24	5.43
28 46 13 31-2076 EA Blue, Wall Strobe Lens Attachment (System Sensor LENS-B).....	27.24	5.43
28 46 13 31-2077 EA Green, Wall Strobe Lens Attachment (System Sensor LENS-G).....	27.24	5.43
28 46 13 31-2078 EA Red, Wall Strobe Lens Attachment (System Sensor LENS-R).....	27.24	5.43
28 46 13 31-2079 EA Red, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGRL).....	155.00	40.74
28 46 13 31-2080 EA White, 12/24 Volt DC, Wall Mounted, L-Series Compact Strobe (System Sensor SGWL).....	151.72	40.74
28 46 13 31-2081 EA L-Series, Amber, Wall Strobe Lens Attachment (System Sensor LENS-A2, AC2).....	27.24	5.43
28 46 13 31-2082 EA L-Series, Blue, Wall Strobe Lens Attachment (System Sensor LENS-B2, BC2).....	27.24	5.43
28 46 13 31-2083 EA L-Series, Green, Wall Strobe Lens Attachment (System Sensor LENS-G2, GC2).....	27.24	5.43
28 46 13 31-2084 EA L-Series, Red, Wall Strobe Lens Attachment (System Sensor LENS-R2, RC2).....	27.24	5.43
28 46 13 31-2085 EA Red, 8 Multi-tone, 12 VDC, 1575CD, Wall Mounted Strobe (Wheelock MT-121575W-FR).....	231.30	40.74
28 46 13 31-2086 EA White, 8 Multi-tone, 12 VDC, 1575CD, No Lettering, Wall Mounted Strobe (Wheelock MT-121575W-NW).....	231.30	40.74
28 46 13 31-2087 EA L-Series, White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-CLR-ALERT).....	227.48	46.16
28 46 13 31-2088 Ceiling Mounted Strobes <small>(28 46 13 31-1956)</small>		
28 46 13 31-2089 EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRL).....	155.89	40.74
28 46 13 31-2090 EA Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRH).....	187.38	40.74
28 46 13 31-2091 EA Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCRHK).....	225.76	46.16
28 46 13 31-2092 EA Outdoor Backbox, Red, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCRK).....	225.76	46.16
28 46 13 31-2093 EA White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWL).....	155.89	40.74
28 46 13 31-2094 EA Clear Lens, White, Two Wire, 12/24 Volt DC, Standard Candela, Ceiling Mounted Strobe (System Sensor SCWL-CLR-ALERT).....	167.80	40.74
28 46 13 31-2095 EA White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWH).....	203.22	40.74
28 46 13 31-2096 EA Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (135, 150, 177, 185 Candela) High-Candela, Ceiling Mounted Strobe (System Sensor SCWHK).....	223.61	46.16
28 46 13 31-2097 EA Outdoor Backbox, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCWK).....	221.23	46.16
28 46 13 31-2098 EA Plain, White, Two Wire, 12/24 Volt DC, Selectable Intensity (15, 15/75, 30, 75, 110, 115 Candela) Multi-Candela, Ceiling Mounted Strobe (System Sensor SCW-P).....	179.50	40.74
28 46 13 31-2099 EA Blue, Ceiling Strobe Lens Attachment (System Sensor LENS-BC).....	27.24	5.43
28 46 13 31-2100 EA Red, Ceiling Strobe Lens Attachment (System Sensor LENS-RC).....	27.24	5.43
28 46 13 31-2101 EA Green, Ceiling Strobe Lens Attachment (System Sensor LENS-GC).....	27.24	5.43
28 46 13 31-2102 EA Amber, Ceiling Strobe Lens Attachment (System Sensor LENS-AC).....	27.24	5.43
28 46 13 31-2103 Wall Mounted Speakers <small>(28 46 13 31-1956)</small>		

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-2104	EA	24 Volt DC, 4 Field Selectable Sound Pulse Patterns, Directional Sound Speaker With Voice And Integral Audio Amplifier (System Sensor PF24V).....	427.96	40.74
28 46	13 31-2105	EA	Red, Wall Mounted Speaker (System Sensor SPRL).....	128.50	40.74
28 46	13 31-2106	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK).....	215.42	40.74
28 46	13 31-2107	EA	Red, Outdoor, Wall Mounted Speaker (System Sensor SPRK-R).....	174.50	46.16
28 46	13 31-2108	EA	Red, High dB, Wall Mounted Speaker (System Sensor SPRV).....	150.24	40.74
28 46	13 31-2109	EA	White, Wall Mounted Speaker (System Sensor SPWL).....	128.50	40.74
28 46	13 31-2110	EA	White, Outdoor, Wall Mounted Speaker (System Sensor SPWK).....	225.10	46.16
28 46	13 31-2111	EA	White, High dB, Wall Mounted Speaker (System Sensor SPWV).....	146.84	40.74
28 46 13 31-2112 Ceiling Mounted Speakers (28 46 13 31-1956)					
28 46	13 31-2113	EA	Red, Ceiling Mounted Speaker (System Sensor SPCRL).....	125.23	40.74
28 46	13 31-2114	EA	Outdoor, Ceiling Mounted Speaker (System Sensor SPCRK).....	205.95	40.74
28 46	13 31-2115	EA	Red, High dB, Ceiling Mounted Speaker (System Sensor SPCRV).....	150.24	40.74
28 46	13 31-2116	EA	White, Ceiling Mounted Speaker (System Sensor SPCWL).....	127.91	40.74
28 46	13 31-2117	EA	White, High dB, Ceiling Mounted Speaker (System Sensor SPCWV).....	160.53	40.74
28 46	13 31-2118	EA	White, Outdoor, Ceiling Mounted Speaker (System Sensor SPCWK).....	226.29	46.16
28 46 13 31-2119 Wall Mounted Speakers/Strobes (28 46 13 31-1956)					
28 46	13 31-2120	EA	White Speaker Strobe Expander Plate With Standard Candela (System Sensor SEP-SPSWL).....	158.73	13.58
28 46	13 31-2121	EA	White Speaker Strobe Expander Plate Backbox Skirt (System Sensor SPSEP-BBSWL).....	77.05	13.58
28 46	13 31-2122	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL).....	218.40	40.74
28 46	13 31-2123	EA	Red, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRH).....	236.89	40.74
28 46	13 31-2124	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK).....	317.91	46.16
28 46	13 31-2125	EA	Red, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-P).....	317.98	46.16
28 46	13 31-2126	EA	Red, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRK-R).....	268.56	46.16
28 46	13 31-2127	EA	Red, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRL-P).....	215.72	40.74
28 46	13 31-2128	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSRV).....	228.64	40.74
28 46	13 31-2129	EA	White, Amber Lens, Wall Mounted, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-ALERT).....	219.59	40.74
28 46	13 31-2130	EA	White, Clear Lens, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-CLR-ALERT).....	322.15	46.16
28 46	13 31-2131	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL).....	218.40	40.74
28 46	13 31-2132	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH).....	260.14	40.74
28 46	13 31-2133	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWH-P).....	260.14	40.74
28 46	13 31-2134	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK).....	334.05	46.16
28 46	13 31-2135	EA	White, Plain, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWK-P).....	316.79	46.16
28 46	13 31-2136	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWL-P).....	214.53	40.74
28 46	13 31-2137	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV).....	250.65	40.74
28 46	13 31-2138	EA	White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Wall Mounted Speaker/Strobe (System Sensor SPSWV-P).....	250.65	40.74
28 46 13 31-2139 Ceiling Mounted Speakers/Strobes (28 46 13 31-1956)					
28 46	13 31-2140	EA	Red, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRL).....	202.33	40.74
28 46	13 31-2141	EA	Red, Selectable Candela (135, 150, 177, 185) Candela, High-Candela, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRH).....	239.65	40.74
28 46	13 31-2142	EA	Red, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115), Ceiling Mounted Speaker/Strobe (System Sensor SPSCRV).....	228.64	40.74
28 46	13 31-2143	EA	White, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL).....	202.33	40.74
28 46	13 31-2144	EA	White, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-CLR-ALERT).....	217.21	40.74
28 46	13 31-2145	EA	White, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH).....	260.14	40.74
28 46	13 31-2146	EA	White, Outdoor, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWHK).....	335.84	46.16
28 46	13 31-2147	EA	White, Plain, High-Candela, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWH-P).....	260.14	40.74
28 46	13 31-2148	EA	White, Outdoor, Clear Lens, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK-CLR-ALERT).....	322.74	46.16
28 46	13 31-2149	EA	White, Outdoor, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWK).....	334.05	46.16
28 46	13 31-2150	EA	White, Plain, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWL-P).....	202.33	40.74
28 46	13 31-2151	EA	White, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV).....	250.65	40.74

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2152 EA White, High-Candela/High dB, Selectable Candela (135, 150, 177, 185 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWVH).....	260.14	40.74
28 46 13 31-2153 EA White, Plain, High dB, Selectable Candela (15, 15/75, 30, 75, 95, 110, 115 Candela), Ceiling Mounted Speaker/Strobe (System Sensor SPSCWV-P).....	250.65	40.74
28 46 13 31-2154 EA High-Candela/High dB, Ceiling Mounted Speaker/Strobe (System Sensor SPSCRVH).....	259.91	40.74
28 46 13 31-2155 Electric Alarm Bells (28 46 13 31-1956)		
28 46 13 31-2156 EA 6" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-6).....	163.33	40.74
28 46 13 31-2157 EA 8" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-8).....	177.92	40.74
28 46 13 31-2158 EA 10" Diameter, 24 Volt DC Alarm Bell (System Sensor SSM24-10).....	193.99	40.74
28 46 13 31-2159 EA 6" 120 Volt AC Alarm Bell (System Sensor SSV120-6).....	171.60	41.28
28 46 13 31-2160 EA 8" 120 Volt AC Alarm Bell (System Sensor SSV120-8).....	173.68	41.28
28 46 13 31-2161 EA 10" 120 Volt AC Alarm Bell (System Sensor SSV120-10).....	186.85	41.28
28 46 13 31-2162 Device Bases (28 46 13 31-1956)		
28 46 13 31-2163 EA High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base (System Sensor B200S).....	134.62	13.58
28 46 13 31-2164 EA Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR).....	130.16	13.58
28 46 13 31-2165 EA Intelligent Isolator Base (System Sensor B224BI).....	106.04	13.58
28 46 13 31-2166 EA Intelligent Relay Base (System Sensor B224RB).....	107.23	13.58
28 46 13 31-2167 EA Flangeless, Intelligent Detector Base (System Sensor B501).....	64.31	13.58
28 46 13 31-2168 EA High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, Ivory (System Sensor B200S-IV).....	134.62	13.58
28 46 13 31-2169 EA Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-IV).....	130.16	13.58
28 46 13 31-2170 EA Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base (System Sensor B200SR-LF).....	197.43	13.58
28 46 13 31-2171 EA Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, Ivory (System Sensor B200SR-LF-IV).....	197.43	13.58
28 46 13 31-2172 EA Low-Frequency, Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-LF-WH).....	190.88	13.58
28 46 13 31-2173 EA Code 3 Or Continuous Tone, Intelligent Plug-In Sounder Base, White (System Sensor B200SR-WH).....	137.52	13.58
28 46 13 31-2174 EA High Or Low Volume Output, Code 3 Or 4, Continuous, March Or Custom Tone, Intelligent, Addressable, Programmable Plug-In Sounder Base, White (System Sensor B200S-WH).....	127.48	13.58
28 46 13 31-2175 EA Intelligent Isolator Base, Ivory (System Sensor B224BI-IV).....	106.04	13.58
28 46 13 31-2176 EA Intelligent Isolator Base, White (System Sensor B224BI-WH).....	98.90	13.58
28 46 13 31-2177 EA Intelligent Relay Base, Ivory (System Sensor B224RB-IV).....	107.23	13.58
28 46 13 31-2178 EA Intelligent Relay Base, White (System Sensor B224RB-WH).....	100.39	13.58
28 46 13 31-2179 EA Flangeless, Intelligent Detector Base, Black (System Sensor B501-BL).....	64.31	13.58
28 46 13 31-2180 EA Flangeless, Intelligent Detector Base, Ivory (System Sensor B501-IV).....	64.31	13.58
28 46 13 31-2181 EA Flangeless, Intelligent Detector Base, White (System Sensor B501-WHITE).....	56.57	13.58
28 46 13 31-2182 EA Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base (System Sensor B200S-LF).....	201.00	13.58
28 46 13 31-2183 EA Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, Ivory (System Sensor B200S-LF-IV).....	201.00	13.58
28 46 13 31-2184 EA Intelligent, Addressable, Programmable Low Frequency Plug-In Sounder Base, White (System Sensor B200S-LF-WH).....	193.26	13.58
28 46 13 31-2185 EA 6" Intelligent Flanged Mounting Base (System Sensor B300-6).....	49.49	13.58
28 46 13 31-2186 EA 6" Intelligent Flanged Mounting Base, Ivory (System Sensor B300-6-IV).....	56.93	13.58
28 46 13 31-2187 EA Two Wire, Flanged, 12/24 Volt DC, Low-Profile, Adapter Base (System Sensor B110LP).....	53.25	13.58
28 46 13 31-2188 EA Four Wire, Form A And C, 24 Volt DC Low-Profile, Adapter Base (System Sensor B112LP).....	109.27	16.29
28 46 13 31-2189 Boxes, Plates And Decals (28 46 13 31-1956)		
28 46 13 31-2190 EA 120 Volt AC, Mounting Plate, For Spectralert Advance Devices (System Sensor MP120K).....	57.17	13.58
28 46 13 31-2191 EA Red, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBB).....	89.43	13.58
28 46 13 31-2192 EA White, Ceiling Mounted, Metal, Weatherproof Backbox (System Sensor MWBBCW).....	98.01	13.58
28 46 13 31-2193 EA White, Wall Mounted, Metal, Weatherproof Backbox (System Sensor MWBBW).....	89.43	13.58
28 46 13 31-2194 EA Red Retrofit Plate (System Sensor RFP).....	40.34	8.15
28 46 13 31-2195 EA White Retrofit Plate (System Sensor RFPW).....	39.98	8.15
28 46 13 31-2196 EA Red, Wall Mounted, Weatherproof Backbox (System Sensor SA-WBB).....	74.55	13.58
28 46 13 31-2197 EA Red, Ceiling Mounted, Weatherproof Backbox (System Sensor SA-WBBC).....	84.79	13.58
28 46 13 31-2198 EA Red, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCL).....	57.88	13.58
28 46 13 31-2199 EA White, Ceiling Mounted, Surface Mounted, Backbox (System Sensor SBBCLW).....	57.88	13.58
28 46 13 31-2200 EA Red, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBRL).....	49.19	13.58
28 46 13 31-2201 EA Red, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPRL).....	55.74	13.58
28 46 13 31-2202 EA White, Wall Mounted, Surface Mounted, Backbox For Speaker (System Sensor SBBSPWL).....	55.74	13.58
28 46 13 31-2203 EA White, Wall Mounted, Surface Mounted, Backbox (System Sensor SBBWL).....	49.19	13.58
28 46 13 31-2204 EA Surface Mounted Box For Intelligent Control Or Monitor Modules (System Sensor SMB500).....	52.46	13.58
28 46 13 31-2205 EA Surface Mounted Box For 400 And 500 Series Detectors And Sounder Bases (System Sensor SMB600).....	49.49	13.58
28 46 13 31-2206 EA Red, Wall Mounted Horn/Strobe Trim Ring (System Sensor TR-HS).....	17.68	5.43
28 46 13 31-2207 EA Red Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-R).....	27.48	
28 46 13 31-2208 EA Red Decals, Three Pack, Spectralert Advance Ceiling Products (System Sensor DECAL-RC).....	38.58	
28 46 13 31-2209 EA White Decals, Two Pack, Spectralert Advance Wall Products (System Sensor DECAL-W).....	27.48	
28 46 13 31-2210 EA White Decals, Three Pack, Spectralert Advance Wall Products (System Sensor DECAL-WC).....	38.58	
28 46 13 31-2211 EA Red, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2).....	19.85	5.43
28 46 13 31-2212 EA White, Wall Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TR-2W).....	19.85	5.43
28 46 13 31-2213 EA Red, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2).....	19.85	5.43
28 46 13 31-2214 EA White, Ceiling Mounted, L-Series Trim Ring, Pack Of 5 (System Sensor TRC-2W).....	19.85	5.43
28 46 13 31-2215 EA Red, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGRL).....	49.19	13.58
28 46 13 31-2216 EA White, Wall/Surface Mounted, L-Series Compact Back Box (System Sensor SBBGWL).....	49.19	13.58
28 46 13 31-2217 EA Red, AGENT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AG).....	24.56	5.43
28 46 13 31-2218 EA Red, ALERT Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-AL).....	24.56	5.43
28 46 13 31-2219 EA Red, EVAC Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-EV).....	24.56	5.43

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 13 31-2220	EA	Red, FIRE Lettering, Compact, L-Series Wall Mounted Bezel (System Sensor BZGR-F)	24.56	5.43
28 46 13 31-2221	EA	White, AGENT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AG)	24.56	5.43
28 46 13 31-2222	EA	White, ALERT Lettering, L-Series Wall Mounted Bezel (System Sensor BZGW-AL)	24.56	5.43
28 46 13 31-2223	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-EV)	24.56	5.43
28 46 13 31-2224	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZGW-F)	24.56	5.43
28 46 13 31-2225	EA	Red, Plain, L-Series Wall Mounted Bezel (System Sensor BZGR-P)	24.56	5.43
28 46 13 31-2226	EA	White, Plain, L-Series Wall Mounted Bezel (System Sensor BZGW-P)	24.56	5.43
28 46 13 31-2227	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	24.56	5.43
28 46 13 31-2228	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AL)	24.56	5.43
28 46 13 31-2229	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AG)	27.06	5.43
28 46 13 31-2230	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-AL)	27.06	5.43
28 46 13 31-2231	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-EV)	27.06	5.43
28 46 13 31-2232	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel, Pack Of 5 (System Sensor BZRC-F)	27.06	5.43
28 46 13 31-2233	EA	Red, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZRC-P)	27.06	5.43
28 46 13 31-2234	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZR-EV)	24.56	5.43
28 46 13 31-2235	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZR-F)	24.56	5.43
28 46 13 31-2236	EA	Red, PLAIN Marking, L-Series Wall Mounted Bezel (System Sensor BZR-P)	24.56	5.43
28 46 13 31-2237	EA	Red, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZR-AG)	24.56	5.43
28 46 13 31-2238	EA	White, AGENT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AG)	24.56	5.43
28 46 13 31-2239	EA	White, ALERT Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-AL)	24.56	5.43
28 46 13 31-2240	EA	White, AGENT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AG)	27.06	5.43
28 46 13 31-2241	EA	White, ALERT Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-AL)	27.06	5.43
28 46 13 31-2242	EA	White, EVAC Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-EV)	27.06	5.43
28 46 13 31-2243	EA	White, FIRE Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-F)	27.06	5.43
28 46 13 31-2244	EA	White, PLAIN Marking, L-Series Ceiling Mounted Bezel (System Sensor BZSPWC-P)	27.06	5.43
28 46 13 31-2245	EA	White, EVAC Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-EV)	24.56	5.43
28 46 13 31-2246	EA	White, FIRE Marking, L-Series Wall Mounted Bezel (System Sensor BZSPW-F)	24.56	5.43
28 46 13 31-2247	EA	Replacement Dust Cover For Low Profile Detectors (System Sensor C58-227-01)	5.30	
28 46 13 31-2248	EA	Control Module Barrier (System Sensor CB500)	36.77	8.15
28 46 13 31-2249	EA	White Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300)	33.56	8.15
28 46 13 31-2250	EA	Black Detector Conversion Kit For SSD Intelligent Low Profile Photo, Ion, And Laser Detectors (System Sensor CK300-BL)	41.24	8.15
28 46 13 31-2251	EA	PTIR Color Kit, White (System Sensor CK-300-IR) Note: Includes cover and trim ring	163.94	8.15
28 46 13 31-2252	EA	PTIR Color Kit, Black (System Sensor CK-300-IR-BL) Note: Includes cover and trim ring	239.55	8.15
28 46 13 31-2253	EA	PTIR Color Kit, Ivory (System Sensor CK-300-IR-IV) Note: Includes cover and trim ring	239.55	8.15
28 46 13 31-2254	EA	Accessory Flange Ring For B210LP Base (System Sensor F210) Note: Includes cover and trim ring	26.83	8.15
28 46 13 31-2255	EA	Black Faceplate (System Sensor FP-BLACK-BP)	25.96	8.15
28 46 13 31-2256	EA	White Faceplate, 2 In/2 Out (System Sensor FP-WHITE-2-BP)	26.41	8.15
28 46 13 31-2257	EA	White Faceplate (System Sensor FP-WHITE-BP)	24.95	8.15
28 46 13 31-2258	EA	White, Back Box (System Sensor SMB500-WH)	46.39	13.58
28 46 13 31-2259	EA	Accessory Flange Ring For B210LP Base, White (System Sensor TR300)	18.31	5.43
28 46 13 31-2260	EA	Accessory Flange Ring For B210LP Base, Ivory (System Sensor TR300-IV)	27.00	5.43
28 46 13 31-2261	EA	White Faceplate Swift (System Sensor FP-WHITE-SWIFT-BP)	27.81	8.15
28 46 13 31-2262	EA	Red, ALERT Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-AL)	24.56	5.43
28 46 13 31-2263	EA	Red, AGENT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AG)	27.06	5.43
28 46 13 31-2264	EA	Red, ALERT Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-AL)	27.06	5.43
28 46 13 31-2265	EA	Red, EVAC Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-EV)	27.06	5.43
28 46 13 31-2266	EA	Red, FIRE Marking, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-F)	27.06	5.43
28 46 13 31-2267	EA	Red, Plain, L-Series Ceiling Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPRC-P)	27.06	5.43
28 46 13 31-2268	EA	Red, EVAC Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-EV)	24.56	5.43
28 46 13 31-2269	EA	Red, FIRE Marking, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-F)	24.56	5.43
28 46 13 31-2270	EA	Red, Plain, L-Series Wall Mounted Bezel For Speakers And Speaker Strobes (System Sensor BZSPR-P)	24.56	5.43
28 46 13 31-2271	EA	L-Series, 120 VAC Adapter Mounting Plate (System Sensor MP120KL)	75.03	13.58
28 46 13 31-2272	EA	White, Amber Lens, Universal Expander Plate (System Sensor SEP-SPSWL-P)	153.67	13.58

28 46 13 31-2273 Chimes (28 46 13 31-1956)

28 46 13 31-2274	EA	Red, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHRL)	151.14	40.74
28 46 13 31-2275	EA	White, 12/24 Volt DC, Ceiling Or Wall Mounted Chime (System Sensor CHWL)	157.08	40.74

28 46 13 31-2276 Chime/Strobes (28 46 13 31-1956)

28 46 13 31-2277	EA	Red, 15, 15/75, 30, 75, 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSRL)	236.26	40.74
28 46 13 31-2278	EA	White, 15, 15/75, 30, 75, 110 Multi-Candela, 24 Volt DC, Ceiling Or Wall Mounted Chime/Strobe (System Sensor CHSWL)	236.26	40.74
28 46 13 31-2279	EA	L-Series, Red, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSRL)	238.05	40.74
28 46 13 31-2280	EA	L-Series, White, 15, 30, 75, 95, 115, 150, 177 Multi-Candela, 24 Volt DC, Ceiling Mounted Chime/Strobe (System Sensor CHSRL)	238.05	40.74

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2281 Carbon Monoxide Detectors <small>(28 46 13 31-1956)</small>		
28 46 13 31-2282 EA Conventional Carbon Monoxide Detector (System Sensor CO1224)	282.62	54.31
28 46 13 31-2283 EA Round, Sounder And Trouble Relay With Test Function, 12/24 Volt DC, Conventional Carbon Monoxide Detector (System Sensor CO1224TR).....	233.88	40.74
28 46 13 31-2284 EA CO Detector Plate For Replacing Round CO Detectors With The CO1224T (System Sensor CO-PLATE).....	18.06	5.43
28 46 13 31-2285 EA Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan (System Sensor FCO-951).....	358.90	40.74
28 46 13 31-2286 EA 12/24 VDC, Conventional Carbon Monoxide Detector With Sounder And Trouble Relay With Test Function, UL2075 Listed (System Sensor CO1224T)	261.04	54.31
28 46 13 31-2287 EA Intelliquad Plus Intelligent Addressable Combination Multi-Criteria Fire And Carbon Monoxide Detector With Flashscan, Ivory (System Sensor FCO-951-IV).....	372.00	40.74
28 46 13 31-2288 Switches <small>(28 46 13 31-1956)</small>		
28 46 13 31-2289 EA SPDT Switch, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-1).....	219.67	21.72
28 46 13 31-2290 EA Two SPDT Switches, 4 - 20 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS10-2)	246.46	21.72
28 46 13 31-2291 EA SPDT Switch, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-1).....	219.67	21.72
28 46 13 31-2292 EA Two SPDT Switches, 10 - 100 PSI, Waterflow Alarm Pressure Switch (System Sensor EPS40-2)	246.46	21.72
28 46 13 31-2293 EA Outside Screw And Yoke Valve, Two SPDT, Supervisory Switch (System Sensor OSY2)	229.20	21.72
28 46 13 31-2294 EA Post Indicator Butterfly Valve, SPDT, Supervisory Switch (System Sensor PIBV2).....	213.72	21.72
28 46 13 31-2295 Low Frequency Sounders <small>(28 46 13 31-1956)</small>		
28 46 13 31-2296 EA Red, Low Frequency Sounder (System Sensor HR-LF).....	204.80	40.74
28 46 13 31-2297 EA White, Low Frequency Sounder (System Sensor HW-LF).....	204.80	40.74
28 46 13 31-2298 EA Red, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCRL-LF).....	190.12	40.74
28 46 13 31-2299 EA White, Ceiling Mounted, Low-frequency Compact Sounder (System Sensor HCWL-LF).....	190.12	40.74
28 46 13 31-2300 EA Red, Wall Mounted, Low-frequency Compact Sounder (System Sensor HGRL-LF).....	188.63	40.74
28 46 13 31-2301 EA White, Wall Mounted, Low-frequency Compact Sounder (HGWL-LF).....	188.63	40.74
28 46 13 31-2302 Sync Modules <small>(28 46 13 31-1956)</small>		
28 46 13 31-2303 EA Red, 12/24 Volt DC, Sync Module (System Sensor MDL3R)	170.40	27.16
28 46 13 31-2304 EA White, 12/24 Volt DC, Sync Module (System Sensor MDL3W).....	167.43	27.16
28 46 13 31-2305 Relays <small>(28 46 13 31-1956)</small>		
28 46 13 31-2306 EA Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10E).....	93.70	21.72
28 46 13 31-2307 EA SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-10T).....	60.62	13.58
28 46 13 31-2308 EA 4-Gang Relay, Metal Enclosure, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14E).....	187.90	13.58
28 46 13 31-2309 EA 4-Gang Relay, SPDT, Track Mounted, Multivoltage, Relay (System Sensor R-14T).....	136.70	13.58
28 46 13 31-2310 EA Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20E).....	101.68	21.72
28 46 13 31-2311 EA DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-20T)	62.76	13.58
28 46 13 31-2312 EA 4-Gang Relay, Metal Enclosure, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24E).....	212.31	13.58
28 46 13 31-2313 EA 4-Gang Relay, DPDT, Track Mounted, Multivoltage, Relay (System Sensor R-24T)	157.24	13.58
28 46 13 31-2314 EA 18 To 35 Volt DC, 18 To 35 Volt AC, 120 Volt AC, SPDT Multivoltage Relay (System Sensor PR-1)	51.93	13.58
28 46 13 31-2315 EA 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-2).....	51.93	13.58
28 46 13 31-2316 EA Redundant Power Input, 10 To 40 Volt DC, SPDT Multivoltage Relay (System Sensor PR-3)	51.93	13.58
28 46 13 31-2317 Remote Annunciator <small>(28 46 13 31-1956)</small>		
28 46 13 31-2318 EA Remote Annunciator (System Sensor RA100Z)	118.98	40.74
28 46 13 31-2319 EA Remote LED Annunciator (System Sensor RA100ZA).....	112.12	40.74
28 46 13 31-2320 EA Remote Annunciator With Piezo Alarm (System Sensor APA151).....	142.11	40.74
28 46 13 31-2321 Remote Test Station <small>(28 46 13 31-1956)</small>		
28 46 13 31-2322 EA Remote Test Station With Key (System Sensor RTS151KEY).....	196.37	40.74
28 46 13 31-2323 Fire Alarm Digital Cellular Communicator <small>(28 46 13 31)</small>		
28 46 13 31-2324 EA Digital Cellular Communicator With Antenna And Red Enclosure (Telular Telguard TG-7FS).....	728.87	54.31
28 46 13 31-2325 Wheelock Fire Alarm <small>(28 46 13 31)</small>		
28 46 13 31-2326 Ceiling Mounted Chimes/Strobes <small>(28 46 13 31-2325)</small>		
28 46 13 31-2327 EA White, Round, Selectable Candela (15, 30, 75, 100 Candela), 24 Volt DC, Ceiling Mounted Chime/Strobe (Wheelock CH90-24MCC-FW).....	260.01	40.74
28 46 13 31-2328 Wall Mounted Chimes/Strobes <small>(28 46 13 31-2325)</small>		
28 46 13 31-2329 EA Red, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FR).....	260.01	40.74
28 46 13 31-2330 EA White, Selectable Candela (15, 30, 75, 110 Candela), 24 Volt DC, Wall Mounted Chime/Strobe (Wheelock CH70-24MCW-FW).....	260.01	40.74
28 46 13 31-2331 Ceiling Mounted Horns/Strobes <small>(28 46 13 31-2325)</small>		
28 46 13 31-2332 EA Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSRC)	163.56	40.74

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46	13 31-2333	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Horn/Strobe (Wheelock HSWC)	190.42	40.74
28 46	13 31-2334		Wall Mounted Horns/Strobes (28 46 13 31-2325)		
28 46	13 31-2335	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted, Horn/Strobe (Wheelock ASWP-2475W-FR)	167.38	40.74
28 46	13 31-2336	EA	Red, 24 Volt DC, 15/75 Candela, Continuous Or Code 3 Tone, Wall Mounted Horn/Strobe (Wheelock HS4-241575 Watt-FR)	261.72	40.74
28 46	13 31-2337	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	232.09	40.74
28 46	13 31-2338	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	232.09	40.74
28 46	13 31-2339	EA	Red, Flush, 24 Volt AC, 15/75 Candela, Sync/Non-Sync, Wall Mounted Horn/Strobe (Wheelock MT-241575 Watt-FR)	247.49	40.74
28 46	13 31-2340	EA	Red, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FR)	189.13	40.74
28 46	13 31-2341	EA	Red, 115 Volt AC, Wall Mounted Horn/Strobe (Wheelock MT4-115-WH-VFR)	186.89	40.74
28 46	13 31-2342	EA	Red, Weatherproof, 24 Volt DC, 75 Candela, Wall Mounted Horn/Strobe (Wheelock MTWP-2475W-FR)	205.83	46.16
28 46	13 31-2343	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSR)	166.48	40.74
28 46	13 31-2344	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock HSW)	166.48	40.74
28 46	13 31-2345	EA	White, 24 Volt AC, Multi-Candela, Wall Mounted Horn/Strobe (Wheelock MT-24MCW-FW)	185.99	40.74
28 46	13 31-2346	EA	Red, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FR)	232.09	40.74
28 46	13 31-2347	EA	White, 24 Volt DC, 15/30/75/110 Selectable Candela, Wall Mounted Horn/Strobe (Wheelock HS4-24MCW-FW)	232.09	40.74
28 46	13 31-2348		Ceiling Mounted Strobes (28 46 13 31-2325)		
28 46	13 31-2349	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FR)	155.49	40.74
28 46	13 31-2350	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe (Wheelock RSS-24MCC-FW)	155.49	40.74
28 46	13 31-2351	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STRC)	170.77	40.74
28 46	13 31-2352	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Ceiling Mounted Strobe (Wheelock STWC)	148.76	40.74
28 46	13 31-2353	EA	White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, No Lettering (Wheelock RSSA-24MCC-NW)	167.15	40.74
28 46	13 31-2354	EA	White, 24 Volt DC, Amber Lens, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe, Red ALERT Lettering (Wheelock RSSA-24MCC-ALW)	168.72	40.74
28 46	13 31-2355	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Strobe With Fire Lettering (Wheelock RSS-24MCC-FW)	169.39	40.74
28 46	13 31-2356	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Weatherproof Strobe With Fire Lettering (Wheelock RSSWP-2475C-FR)	180.00	40.74
28 46	13 31-2357		Wall Mounted Strobes (28 46 13 31-2325)		
28 46	13 31-2358	EA	Red, Multi-Candela, 24 Volt DC, Wall Mounted Strobe (Wheelock AMT-24MCW-FR)	243.41	40.74
28 46	13 31-2359	EA	Red, Retrofit Plate, 12 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSSP-121575W-FR)	192.72	40.74
28 46	13 31-2360	EA	Red, 24 Volt DC, 15/75 Candela, Wall Mounted Strobe (Wheelock RSS-241575W-FR)	206.38	40.74
28 46	13 31-2361	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FR)	153.69	40.74
28 46	13 31-2362	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSS-24MCW-FW)	153.69	40.74
28 46	13 31-2363	EA	Red, Retrofit Plate, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Wall Mounted Strobe (Wheelock RSSP-24MCW-FR)	165.36	40.74
28 46	13 31-2364	EA	Outdoor, Red, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FR) Note: Requires WPSBB-R.	171.29	46.16
28 46	13 31-2365	EA	Red, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STR)	149.88	40.74
28 46	13 31-2366	EA	White, Two Wire, 12/24 Volt DC, Multi-Candela, Wall Mounted Strobe (Wheelock STW)	149.88	40.74
28 46	13 31-2367	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCC-FW)	181.06	40.74
28 46	13 31-2368	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Wall Mounted Strobe, No Lettering (Wheelock RSS-24MCW-FW)	155.71	40.74
28 46	13 31-2369	EA	Weatherproof, White, 24 Volt DC, 75 Candela, Wall Mounted Strobe (Wheelock RSSWP-2475W-FW) Note: Requires WPSBB-R.	194.74	46.16
28 46	13 31-2370	EA	Interior, White, 24 Volt DC, Multi-Candela 135/185, Weatherproof Wall Mounted Strobe (Wheelock RSSWP-24MCC-FW)	194.29	40.74
28 46	13 31-2371		Ceiling Mounted Speakers/Strobes (28 46 13 31-2325)		
28 46	13 31-2372	EA	Red, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FR)	192.72	40.74
28 46	13 31-2373	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E60-24MCC-FW)	192.72	40.74
28 46	13 31-2374	EA	White, 24 Volt DC, Selectable Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-FW)	192.72	40.74
28 46	13 31-2375	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	194.96	40.74
28 46	13 31-2376	EA	White, 24 Volt DC, Multi-Candela 115/177, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FW)	207.53	40.74
28 46	13 31-2377	EA	White, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FW)	225.02	40.74
28 46	13 31-2378	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 95 Candela), Ceiling Mounted Speaker/Strobe (Wheelock ET90-24MCC-FR)	225.02	40.74
28 46	13 31-2379	EA	Red, 24 Volt DC, Multi-Candela (15, 30, 75, 110 Candela), Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-FR)	196.76	40.74
28 46	13 31-2380	EA	White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Square, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E70-24MCC-NW)	220.19	40.74
28 46	13 31-2381	EA	Round, 2 Watt, 24 Volt DC, 15/30/75/95CD, No Lettering, Ceiling Mounted Speaker/Strobe (Wheelock E90-24MCC-NW)	234.47	40.74
28 46	13 31-2382	EA	White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Ceiling Mounted, Speaker/Strobe (Wheelock ET70WP-2475C-FW)	248.76	40.74

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
				28 46 13 31-2383 Wall Mounted Speakers/Strobes <small>(28 46 13 31-2325)</small>		
	28 46 13 31-2384	EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FR).....	288.60	40.74
	28 46 13 31-2385	EA		White, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E50-241575 Watt-FW).....	288.60	40.74
	28 46 13 31-2386	EA		Red, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FR).....	207.53	40.74
	28 46 13 31-2387	EA		White, 24 Volt DC, Multi-Candela 115/177, Wall Mounted Speaker/Strobe (Wheelock E60-24MCCH-FW).....	207.53	40.74
	28 46 13 31-2388	EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FR).....	192.72	40.74
	28 46 13 31-2389	EA		White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E50-24MCW-FW).....	189.13	40.74
	28 46 13 31-2390	EA		Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FR).....	207.53	40.74
	28 46 13 31-2391	EA		White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E50-24MCWH-FW).....	207.53	40.74
	28 46 13 31-2392	EA		Red, Square, 24 Volt DC, 15/75 Candela, 25/70.7 VRMS, Wall Mounted Speaker/Strobe (Wheelock E70-241575 Watt-FR).....	285.43	40.74
	28 46 13 31-2393	EA		Red, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FR).....	194.96	40.74
	28 46 13 31-2394	EA		White, Square, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock E70-24MCW-FW).....	193.17	40.74
	28 46 13 31-2395	EA		Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR).....	278.32	40.74
	28 46 13 31-2396	EA		White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW).....	285.43	40.74
	28 46 13 31-2397	EA		Red, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FR).....	225.02	40.74
	28 46 13 31-2398	EA		White, 24 Volt DC, Selectable Candela 15/30/75/110, Wall Mounted Speaker/Strobe (Wheelock ET70-24MCW-FW).....	225.02	40.74
	28 46 13 31-2399	EA		Weatherproof, Red, 24 Volt DC, 75 Candela, Wall Mounted Speaker Strobe (Wheelock ET70WP-2475 W-FR)..... Note: Requires weatherproof backbox (IOB).	309.74	46.16
	28 46 13 31-2400	EA		Interior, Red, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FR).....	176.12	40.74
	28 46 13 31-2401	EA		Interior, White, 24 Volt DC, Multi-Candela 135/185, Wall Mounted Speaker/Strobe (Wheelock RSS-24MCWH-FW).....	169.39	40.74
	28 46 13 31-2402	EA		White, 2 Watts, 24 Volt DC, 15/30/75/95 Candela, Round, Wall Mounted Speaker/Strobe (Wheelock E60-24MCW-FW).....	234.47	40.74
	28 46 13 31-2403	EA		Red, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FR).....	248.76	40.74
	28 46 13 31-2404	EA		White, 24 Volt DC, 135/185 Multi-Candela, Wall Mounted Speaker/Strobe (Wheelock E70-24MCWH-FW).....	254.12	40.74
	28 46 13 31-2405	EA		White, 8 Watt, 24 VDC, 15/30/75/110 Candela, No Lettering, Wall Mounted, Speaker/Strobe (Wheelock ET70-24MCW-NW).....	263.05	40.74
	28 46 13 31-2406	EA		Red, 8 Watts, Weatherproof, 185 Candela, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-24185W-FR).....	269.60	40.74
	28 46 13 31-2407	EA		Red, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FR)..... Note: Requires IOB	265.43	40.74
	28 46 13 31-2408	EA		White, 8 Watts, 24 Volt DC, 75 Candela, Weatherproof, Wall Mounted, Speaker/Strobe (Wheelock ET70WP-2475W-FW)..... Note: Requires IOB	263.05	40.74
				28 46 13 31-2409 Electric Alarm Bells <small>(28 46 13 31-2325)</small>		
	28 46 13 31-2410	EA		6" Diameter, 24 Volt DC, Red, Vibrating Bell (Wheelock 43T-G6-24-R).....	187.34	40.74
	28 46 13 31-2411	EA		6" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G6-115-R).....	180.16	40.74
	28 46 13 31-2412	EA		10" Diameter, 115 Volt AC, Red, Vibrating Bell (Wheelock 43T-G10-115-R).....	228.16	40.74
	28 46 13 31-2413	EA		10" Diameter, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSX10-115-R).....	1,883.13	46.16
	28 46 13 31-2414	EA		10" Diameter, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CSXG10-115-R).....	3,053.07	46.16
	28 46 13 31-2415	EA		10" Diameter, Vibrating, Outdoor, 115 Volt AC, Single Stroke, Red, Explosion Proof Bell (Wheelock CVXG10-115-R).....	3,215.05	46.16
	28 46 13 31-2416	EA		6", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G6-24-R).....	146.74	40.74
	28 46 13 31-2417	EA		10", ADA, 24 Volt DC, Red, Motor Bell (Wheelock MB-G10-24-R).....	205.30	40.74
	28 46 13 31-2418	EA		6", ADA, 12 Volt DC, Red, Motor Bell (Wheelock MB-G6-12-R).....	149.43	40.74
	28 46 13 31-2419	EA		10", ADA, 12 Volt DC, Red, Indoor/Outdoor Motor Bell (Wheelock MB-G10-12-R).....	203.22	40.74
				28 46 13 31-2420 Horns <small>(28 46 13 31-2325)</small>		
	28 46 13 31-2421	EA		Two Wire, 24 Volt DC, Indoor Or Outdoor, Continuous Or Code 3, Sync Or Non-Sync Horn (Wheelock AH-24WP-R).....	144.71	40.74
	28 46 13 31-2422	EA		Red, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNR).....	121.48	40.74
	28 46 13 31-2423	EA		White, Two Wire, 12/24 Volt DC, Wall Mounted Horn (Wheelock HNW).....	121.48	40.74
	28 46 13 31-2424	EA		Red, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNRC).....	122.47	40.74
	28 46 13 31-2425	EA		White, Two Wire, 12/24 Volt DC, Ceiling Mounted Horn (Wheelock HNWC).....	122.47	40.74
	28 46 13 31-2426	EA		Red, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-R).....	105.87	40.74
	28 46 13 31-2427	EA		White, 24 Volt DC, Sync With Built-In Temporal, Mini-Horn (Wheelock MIZ-24S-W).....	105.87	40.74
	28 46 13 31-2428	EA		Red, Flush, 12/24 Volt AC, Horn (Wheelock MT-12/24-R).....	122.47	40.74
	28 46 13 31-2429	EA		Red, 24 Volt DC, Four Wire, Wall Mounted Horn (Wheelock HS-24-R).....	149.34	40.74
				28 46 13 31-2430 Speakers <small>(28 46 13 31-2325)</small>		
	28 46 13 31-2431	EA		Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-R).....	125.34	40.74
	28 46 13 31-2432	EA		White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Mounted Speaker (Wheelock E50-W).....	125.34	40.74
	28 46 13 31-2433	EA		Red, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-R).....	125.34	40.74
	28 46 13 31-2434	EA		White, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Ceiling Mounted Speaker (Wheelock E60-W).....	123.37	40.74
	28 46 13 31-2435	EA		Red, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-R).....	125.34	40.74
	28 46 13 31-2436	EA		White, Flush, Square, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E70-W).....	125.34	40.74
	28 46 13 31-2437	EA		Red, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-R).....	125.34	40.74
	28 46 13 31-2438	EA		White, Round, 25 Or 70.7 VRMS, 1/8 To 2 Watt, Wall Or Ceiling Mounted Speaker (Wheelock E90-W).....	125.34	40.74
	28 46 13 31-2439	EA		Red, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-R).....	146.96	40.74
	28 46 13 31-2440	EA		White, Flush Or Surface, Square, 1/8 - 8 Watt, Wall Mounted Speaker (Wheelock ET70-W).....	146.96	40.74
	28 46 13 31-2441	EA		White, Round, 25 Or 70.7 VRMS, 1/8 - 8 Watt Ceiling Mounted Speaker (Wheelock ET90-W).....	148.76	40.74

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
28 46 13 31-2442	EA	Red, Surface Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1010-R).....	204.71		40.74
28 46 13 31-2443	EA	Red, Flush Mounted, Vandal Resistant, Square, 1/8 - 8 Watt, Wall Or Ceiling Mounted Speaker (Wheelock ET-1080-R).....	183.87		40.74
28 46 13 31-2444	EA	Grey, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15S).....	287.82		40.74
28 46 13 31-2445	EA	Red, 1 To 15 Watt, 25/70/100 Volt Transformer, Loud Speaker (Wheelock STH-15SR).....	287.82		40.74
28 46 13 31-2446	EA	Red, 1/8 To 8 Watts, Square, Surface Mounted, Vandal Resistant Speaker (Wheelock ET-1010-R).....	204.71		40.74
28 46 13 31-2447	EA	White, 8 Watts, Wall/Ceiling Mounted, Vandal Resistant Speaker (Wheelock ET-1010-W).....	207.09		40.74
28 46 13 31-2448	EA	Red, 1/8 To 8 Watts, Square, Flush Mounted, Vandal Resistant Speaker (Wheelock ET-1080-R).....	183.87		40.74
28 46 13 31-2449	EA	White, 8", 25/70 Volt, 15/30/75/95 Candela, Round, Ceiling Mounted, Speaker (Wheelock S8-24MCC-FW).....	278.53		40.74
28 46 13 31-2450	EA	White, 8", 25/70 Volt, Round, Ceiling Mounted, Speaker (Wheelock S8-70/25).....	198.16		40.74
28 46 13 31-2451		Sync Modules (28 46 13 31-2325)			
28 46 13 31-2452	EA	12 Or 24 Volt DC, Single Circuit Class B, Sync Module (Wheelock SM-12/24-R).....	177.64		27.16
28 46 13 31-2453		Boxes, Plates And Rings (28 46 13 31-2325)			
28 46 13 31-2454	EA	4" Square, Red, Surface Backbox (Wheelock BB-R).....	36.98		13.58
28 46 13 31-2455	EA	Standard 4" Square Box (Wheelock BB-STD).....	36.45		13.58
28 46 13 31-2456	EA	Black, Backbox For UZC-256 (Wheelock BB-UZC).....	246.61		27.16
28 46 13 31-2457	EA	Red, Backbox For UZC-256 (Wheelock BB-UZC-R).....	246.61		27.16
28 46 13 31-2458	EA	9" x 12" x 2.75", For Two XP Boards, Surface Mounted Cabinet (Wheelock BB-XP).....	189.91		21.72
28 46 13 31-2459	EA	Red, Extender Ring For E60 Series (Wheelock E60EXT-R).....	19.66		5.43
28 46 13 31-2460	EA	White, Extender Ring For E60 Series (Wheelock E60EXT-W).....	19.66		5.43
28 46 13 31-2461	EA	Red, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-R).....	47.62		13.58
28 46 13 31-2462	EA	White, Surface Mounted Backbox For E50 Speakers (Wheelock E50SB-W).....	44.74		13.58
28 46 13 31-2463	EA	Red, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-R).....	47.62		13.58
28 46 13 31-2464	EA	White, Surface Mounted Backbox For E50 Speaker Strobe (Wheelock E50SSB-W).....	47.62		13.58
28 46 13 31-2465	EA	4" Square Backbox (Wheelock DBB-R).....	38.82		13.58
28 46 13 31-2466	EA	Red, Surface Backbox (Wheelock IOB-R).....	45.73		13.58
28 46 13 31-2467	EA	White, Surface, Backbox (Wheelock IOB-W).....	45.73		13.58
28 46 13 31-2468	EA	White, Indoor, Surface Extender (Wheelock ISP2-W).....	18.72		5.43
28 46 13 31-2469	EA	Red, RS/RSS Strobe Trim Plate (Wheelock NATP-R).....	24.31		5.43
28 46 13 31-2470	EA	White, RS/RSS Strobe Trim Plate (Wheelock NATP-W).....	24.31		5.43
28 46 13 31-2471	EA	Red Retrofit Plate (Wheelock RP-R).....	22.53		5.43
28 46 13 31-2472	EA	4" Speaker/Strobe Ceiling Tile Support Bracket (Wheelock SSB-4).....	40.99		5.43
28 46 13 31-2473	EA	Red, Surface Mounted, Backbox For Chimes, Speakers (Wheelock SBB-R).....	48.06		13.58
28 46 13 31-2474	EA	White, Surface Mounted, Backbox For Chimes, Speaker (Wheelock SBB-W).....	48.69		13.58
28 46 13 31-2475	EA	Red, Surface Mounted, Backbox For With RSSP (Wheelock SBL2-R).....	52.01		13.58
28 46 13 31-2476	EA	Red, Semi-Flush Plate (Wheelock SFB-R).....	25.50		5.43
28 46 13 31-2477	EA	White, Semi-Flush Plate (Wheelock SFB-W).....	25.50		5.43
28 46 13 31-2478	EA	Red, Shallow Surface Mounted, Backbox (Wheelock SHBB-R).....	41.83		13.58
28 46 13 31-2479	EA	White, Shallow Surface Mounted, Backbox (Wheelock SHBB-W).....	41.83		13.58
28 46 13 31-2480	EA	Red, Adapter Plate For Mounting Sth-15S And Sth-15SR (Wheelock SHMP-R).....	28.45		5.43
28 46 13 31-2481	EA	Red, Weather Resistant Backbox (Wheelock WBB-R).....	47.26		13.58
28 46 13 31-2482	EA	Silver, Weather Resistant Backbox (Wheelock WBB-S).....	47.26		13.58
28 46 13 31-2483	EA	White, Weather Resistant Backbox (Wheelock WBB-W).....	47.26		13.58
28 46 13 31-2484	EA	Red, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-R).....	35.27		5.43
28 46 13 31-2485	EA	White, Flush Outdoor Mounting Plate For RS, ET, AH And MT Series (Wheelock WFP-W).....	35.27		5.43
28 46 13 31-2486	EA	Red, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-R).....	35.27		5.43
28 46 13 31-2487	EA	White, Flush Outdoor Mounting Plate For ASWP Series (Wheelock WFPA-W).....	35.27		5.43
28 46 13 31-2488	EA	Gasket Kit For Rear Wiring To Outdoor Backbox (Wheelock WP-KIT).....	23.91		5.43
28 46 13 31-2489	EA	Weather Resistant Backbox For ASWP (Wheelock WPBB-R).....	59.55		13.58
28 46 13 31-2490	EA	Weather Resistant Backbox For RSSWP (Wheelock WPSBB-R).....	54.31		13.58
28 46 13 31-2491	EA	Red Plate For RSS (Wheelock RSSCP-R).....	18.72		5.43
28 46 13 31-2492	EA	White Plate For RSS (Wheelock RSSCP-W).....	18.72		5.43
28 46 13 31-2493	EA	Red Fire Plate For RSS (Wheelock RSSCPW-FR).....	19.66		5.43
28 46 13 31-2494	EA	White Fire Plate For RSS (Wheelock RSSCPW-FW).....	19.66		5.43
28 46 13 31-2495	EA	Red, Indoor, Surface Extender (Wheelock ISP2-R).....	19.12		5.43
28 46 13 31-2496	EA	Red, 24 Volt DC, 135/185 Candela, Wall Mounted Strobe Plate (Wheelock RSSP-24MCHW-FR).....	153.75		5.43
28 46 13 31-2497	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-ALW).....	137.68		5.43
28 46 13 31-2498	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, No Lettering, Ceiling Mounted Strobe Plate (Wheelock RSSPA-24MCC-NW).....	135.30		5.43
28 46 13 31-2499	EA	White, 24 Volt DC, 15/30/75/110 Candela, Amber Lens, ALERT Lettering, Wall Mounted Strobe Plate (Wheelock RSSPA-24MCW-ALW).....	137.68		5.43
28 46 13 31-2500	EA	Red, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-R).....	22.00		5.43
28 46 13 31-2501	EA	White, Square Grill Plate For CH70, E70, ET70 (Wheelock ECHG70-W).....	21.29		5.43
28 46 13 31-2502	EA	Red, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-R).....	22.54		5.43
28 46 13 31-2503	EA	White, Round Grill Plate For CH70, E70, ET70 (Wheelock ECHG90-W).....	22.54		5.43
28 46 13 31-2504	EA	White, Fire Lettered, Grill Plate For E50 Speaker/Strobe (Wheelock ECHSG50-FW).....	21.29		5.43
28 46 13 31-2505	EA	Red, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FR).....	22.42		5.43
28 46 13 31-2506	EA	White, Square, Fire Lettered, Grill Plate For CH70,E70,ET70 Speaker/Strobe (Wheelock ECHSG70W-FW).....	22.42		5.43
28 46 13 31-2507	EA	Red, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-R).....	21.29		5.43
28 46 13 31-2508	EA	White, Round, Fire Lettered, Grill Plate For CH70, E70, ET70 Speaker Strobe (Wheelock ECHSG90-W).....	21.29		5.43
28 46 13 31-2509	EA	Red, Surface Mounted, Extender Ring (Wheelock SER-R).....	30.34		5.43
28 46 13 31-2510	EA	White, Surface Mounted, Extender Ring (Wheelock SER-W).....	30.70		5.43
28 46 13 31-2511	EA	Red, Semi-Flush, Plate (Wheelock SFP-R).....	23.91		5.43
28 46 13 31-2512	EA	Silver, Semi-Flush, Plate (Wheelock SFP-S).....	22.54		5.43
28 46 13 31-2513	EA	White, Semi-Flush, Plate (Wheelock SFP-W).....	23.91		5.43
28 46 13 31-2514	EA	Red, Weather Resistant Back Box For ASWP (Wheelock WPBB-R).....	59.55		13.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 46 13 31-2515 EA Red, Weather Resistant Back Box For RSSWP (Wheelock WPSBB-R)	54.31	13.58
28 46 13 31-2516 EA White, Weather Resistant Back Box For RSSWP Series (Wheelock WPSBB-W)	54.31	13.58
28 46 13 31-2517 Manual Pull Station <small>(28 46 13 31-2325)</small>		
28 46 13 31-2518 EA SPST, Single Action, Manual Pull Station (Eaton Wheelock MPS-100)	127.70	27.16
28 46 13 31-2519 EA SPST, Double Action, Manual Pull Station (Eaton Wheelock MPS-200)	127.70	27.16
28 46 13 31-2520 EA Explosion Proof, Single Action Manual Pull Station (Eaton Wheelock MPS-400X)	1,162.48	27.16
28 46 13 31-2521 Potter Fire Alarm <small>(28 46 13 31)</small>		
28 46 13 31-2522 Electric Alarm Bells <small>(28 46 13 31-2521)</small>		
28 46 13 31-2523 EA 6" Alarm Bell, 12 Volt DC (Potter MBA-6-12)	119.50	40.74
28 46 13 31-2524 EA 8" Alarm Bell, 12 Volt DC (Potter MBA-8-12)	131.51	40.74
28 46 13 31-2525 EA 10" Alarm Bell, 12 Volt DC (Potter MBA-10-12)	137.51	40.74
28 46 13 31-2526 EA 6" Alarm Bell, 24 Volt DC (Potter MBA-6-24)	119.50	40.74
28 46 13 31-2527 EA 8" Alarm Bell, 24 Volt DC (Potter MBA-8-24)	131.51	40.74
28 46 13 31-2528 EA 10" Alarm Bell, 24 Volt DC (Potter MBA-10-24)	137.51	40.74
28 46 13 31-2529 EA 6" Alarm Bell, 24 Volt AC (Potter PBA246)	129.69	40.74
28 46 13 31-2530 EA 8" Alarm Bell, 24 Volt AC (Potter PBA248)	135.45	40.74
28 46 13 31-2531 EA 10" Alarm Bell, 24 Volt AC (Potter PBA2410)	169.41	40.74
28 46 13 31-2532 EA 6" Alarm Bell, 120 Volt AC (Potter PBA1206)	121.23	40.74
28 46 13 31-2533 EA 8" Alarm Bell, 120 Volt AC (Potter PBA1208)	135.45	40.74
28 46 13 31-2534 EA 10" Alarm Bell, 120 Volt AC (Potter PBA12010)	147.35	40.74
28 46 13 31-2535 Manual Pull Station <small>(28 46 13 31-2521)</small>		
28 46 13 31-2536 EA SPST, Single Action, Manual Pull Station (Potter P32-1T)	88.35	27.16
28 46 13 31-2537 EA DPST, Single Action, Manual Pull Station (Potter RMS-2T)	93.81	27.16
28 46 13 31-2538 EA DPST, Single Action, Manual Pull Station (Potter RMS-6T)	155.19	27.16
28 46 13 31-2539 EA DPST, Single Action, Key Reset Manual Pull Station (Potter RMS-1T-KL)	97.20	27.16
28 46 13 31-2540 EA SPST, Dual Action, Manual Pull Station (Potter P32-1T-LP)	91.44	27.16
28 46 13 31-2541 EA SPST, Weather Proof, Manual Pull Station (Potter RMS-1T-WP)	174.38	27.16
28 46 13 31-2542 EA SPST, Weather Proof Dual Action, Manual Pull Station (Potter RMS-1T-WP-LP)	220.17	27.16
28 46 13 31-2543 Fire Alarm Terminal Cabinets <small>(28 46 13 31)</small>		
28 46 13 31-2544 EA 18 Point Lockable Fire Alarm Terminal Cabinet	237.00	54.41
28 46 13 31-2545 EA 32 Point Lockable Fire Alarm Terminal Cabinet	313.93	54.41
28 46 13 31-2546 EA 64 Point Lockable Fire Alarm Terminal Cabinet	467.76	54.41
28 46 13 31-2547 EA 128 Point Lockable Fire Alarm Terminal Cabinet	621.55	54.41
28 46 13 31-2548 Test And Certification Of Fire Alarm System To Tie In To Existing Systems <small>(28 46 13 31)</small>		
28 46 13 31-2549 HR Test And Certification Of Fire Alarm System	269.65	
28 46 13 31-2550 HR Design / CAD / SFM Stamped Drawings Of Fire Alarm System	133.36	
28 46 13 31-2551 HR Note: GCC Programming and Engineering; Programming of the Fire Alarm System. Updating the Campus CAD, Headend (3) Of Fire Alarm System	155.58	
28 46 13 31-2552 HR Note: GCC Programming and Engineering; Programming of the Fire Alarm System.		
28 46 13 31-2552 Programming Of Existing Fire Alarm System <small>(28 46 13 31)</small>		
28 46 13 31-2553 HR Programming Of Existing Fire Alarm System	323.58	
28 46 13 31-2554 Removal And Reinstallation Of Smoke Detector <small>(28 46 13 31)</small>		
Note: Includes storage, cleaning and supply materials.		
28 46 13 31-2555 EA Removal And Reinstallation Of Ceiling Mounted Smoke Detector	152.08	
28 46 13 31-2556 EA Removal And Reinstallation Of Wall Mounted Smoke Detector	122.21	
28 46 13 31-2557 Kidde Fire Safety Equipment <small>(28 46 13 31)</small>		
28 46 13 31-2558 Smoke Detectors <small>(28 46 13 31-2557)</small>		
28 46 13 31-2559 EA Combination Smoke And Carbon Monoxide Detector, Intelligent Sensor, 120 Volt Hardwired, With 10 Year Sealed Battery Back-up (Kidde P4010ACS-CO)	147.28	40.74
28 46 13 31-2560 EA Combination Smoke And Carbon Monoxide Detector, 120 Volt Wired, With 10 Year Sealed Battery Back-up (Kidde i12010SCO)	128.72	40.74
28 46 13 31-2561 EA Combination Smoke And Carbon Monoxide Detector, With 10 Year Sealed Battery (Kidde P3010K-CO)	121.51	40.74
28 46 31 Fire-Alarm Initiating Devices <small>(28 46)</small>		
28 46 31 11 Heat-Sensing Fire Detectors <small>(28 46 31)</small>		
28 46 31 11-0001 Protectowire Fire Alarm <small>(28 46 31 11)</small>		
28 46 31 11-0002 Linear Heat Detector Cable <small>(28 46 31 11-0001)</small>		
28 46 31 11-0003 LF Multi-Purpose Linear Heat Detector, EPC Type, 155 To 220 Degree F (Protectowire PHSC-EPC)	5.52	
28 46 31 11-0004 LF Multi-Purpose Linear Heat Detector With Messenger Wire, EPC Type, 155 To 220 Degree F (Protectowire PHSC- EPC-M)	5.99	

28 Electronic Safety and Security**28 40 Life Safety****28 46 Fire Detection and Alarm**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

28 46 31 11-0005	LF	High Performance Linear Heat Detector, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR).....	5.99	
28 46 31 11-0006	LF	High Performance Linear Heat Detector With Messenger Wire, XCR Type, 155 To 220 Degree F (Protectowire PHSC-XCR-M).....	6.47	
28 46 31 11-0007	LF	Multi-Purpose Linear Heat Detector, XLT Type, 135 Degree F (Protectowire PHSC-XLT).....	6.90	
28 46 31 11-0008	LF	Multi-Purpose Linear Heat Detector With Messenger Wire, XLT Type, 135 Degree F (Protectowire PHSC-XLT-M).....	7.37	
28 46 31 11-0009	EA	Flexible Lead Connector For Linear Heat Detector (Protectowire PFL).....	66.48	
28 46 31 11-0010	EA	Splicing Connector For Linear Heat Detector (Protectowire PWSC).....	27.12	
28 46 31 11-0011	EA	Cable Tray Clip For Linear Heat Detector (Protectowire CC-2N And CC-2W).....	8.75	
28 46 31 11-0012	EA	Cable Tray Spring Clip For Linear Heat Detector (Protectowire HPC-2).....	8.75	
28 46 31 11-0013	EA	Adhesive Cable Mount For Linear Heat Detector (Protectowire EMS-A-CO).....	9.59	
28 46 31 11-0014	EA	Beam Clamp For Linear Heat Detector (Protectowire BC-2).....	14.98	
28 46 31 11-0015	EA	Beam Clamp With Polypropylene Clip For Linear Heat Detector (Protectowire BC-3P).....	15.61	
28 46 31 11-0016	EA	Pipe Mounting Straps Nylon (3/4" to 2" Pipe) (Protectowire PM-3A).....	1.60	
28 46 31 11-0017	EA	Pipe Mounting Straps Nylon (2-1/2" to 3-1/2" Pipe) (Protectowire PM-3B).....	2.18	
28 46 31 11-0018	EA	Pipe Mounting Straps Nylon (4" to 6" Pipe) (Protectowire PM-3C).....	9.64	

28 46 41 Fire-Alarm Notification Appliances (28 46)**28 46 41 11 Audible Fire-Alarm Notification Appliances (28 46 41)**

See CSI section 28 46 13 31-0000 for fire alarm speakers.

28 46 41 31 Combination Fire-Alarm Notification Appliances (28 46 41)

See CSI section 28 46 13 31-0000 for fire alarm horns and strobes.

28 47 Mass Notification (28 40)**28 47 15 Mass Notification Control Panels (28 47)****28 47 15 00-0001 Central Station Controls (28 47 15)**

28 47 15 00-0002	EA	Desktop 18 Function Base Station Control/Encoder (Whelen E747).....	931.73	
28 47 15 00-0003	EA	Desktop 35 Function Base Station Control/Encoder (Whelen E969).....	1,516.48	
28 47 15 00-0004	EA	Desktop Central Station Control Encoder/Decoder (Whelen E2010).....	4,448.86	
28 47 15 00-0005	EA	Siren Status Printer And Cable Option For E2010 (Whelen E2010P).....	1,382.45	27.16
28 47 15 00-0006	EA	Rack Mounted Central Station Control Encoder/Decoder (Whelen E2010R).....	5,113.89	27.16
28 47 15 00-0007	EA	Internal Option To Convert E2010 To FSK Format (Whelen E2010FSK).....	765.81	27.16
28 47 15 00-0008	EA	Option To Convert Activation Controls To FSK Format (Whelen FSKCEO).....	822.02	27.16

28 47 17 Notification Devices and Methods (28 47)**28 47 17 17 Notification Appliances and Methods Public Methods (28 47 17)****28 47 17 17-0001 Voice Capable Omni-Directional Speakers (28 47 17 17)**

28 47 17 17-0002	EA	1 Cell, 109 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2901A).....	12,839.14	713.54
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0003	EA	2 Cells, 115 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2902A).....	15,725.55	744.56
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0004	EA	3 Cells, 119 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2903A).....	18,576.09	775.58
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0005	EA	4 Cells, 121 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2904A).....	21,426.65	806.61
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0006	EA	5 Cells, 123 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2905A).....	24,348.93	837.63
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0007	EA	6 Cells, 125 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2906A).....	29,244.31	868.65
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0008	EA	7 Cells, 126 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2907A).....	32,130.72	899.68
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0009	EA	8 Cells, 127 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2908A).....	35,603.07	930.70
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0010	EA	9 Cells, 128 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2909A).....	38,453.61	961.72
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0011	EA	10 Cells, 129 dB, Voice Capable Omni-Directional Speaker (Whelen WPS2910A).....	41,340.03	992.74
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0012	EA	3 Cells, 127 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4003).....	28,168.08	868.65
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0013	EA	4 Cells, 129 dB, Voice Capable Rotating Directional Speaker (Whelen WPS4004).....	30,014.13	899.68
Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.				
28 47 17 17-0014	EA	One-Way Control, 10 Digit DTMF Landline (Whelen D2030LL).....	553.21	27.16
28 47 17 17-0015	EA	VHF High-Band Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NV).....	2,111.10	27.16
28 47 17 17-0016	EA	UHF Narrow-Band, One-Way Control, 10 Digit DTMF (Whelen D2030NU).....	2,111.10	27.16
28 47 17 17-0017	EA	UHF Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WU).....	1,907.82	27.16
28 47 17 17-0018	EA	VHF High-Band Wide Band, One-Way Control, 10 Digit DTMF (Whelen D2030WV).....	1,848.03	27.16
28 47 17 17-0019	EA	Two-Tone Sequential Option (Whelen WPSTT).....	510.35	27.16
28 47 17 17-0020	EA	Full Function Auxiliary/Status Board For Contact Closure Activation (Two Way) (Whelen AUXCS).....	656.80	27.16
28 47 17 17-0021	EA	Landline, 10 Digit DTMF (Whelen C2030LL).....	683.00	27.16
28 47 17 17-0022	EA	VHF High-Band Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NV).....	3,009.67	27.16
28 47 17 17-0023	EA	UHF Narrow-Band, Two-Way Control, 10 Digit DTMF (Whelen C2030NU).....	2,314.39	27.16
28 47 17 17-0024	EA	UHF Wide-Band, 10 Digit DTMF (Whelen C2030WU).....	2,314.39	27.16
28 47 17 17-0025	EA	VHF High-Wide Band, 10 Digit DTMF (Whelen C2030WV).....	2,314.39	27.16
28 47 17 17-0026	EA	Option To Convert WPS Activation Controls To FSK Format (Whelen FSKXMOD).....	822.02	27.16
28 47 17 17-0027	EA	Cabinet Window LED Status Indicator (Whelen STATUS).....	568.17	27.16
28 47 17 17-0028	EA	Paging Interface Whelen Tones With Existing In-Plant Systems (Whelen PGINT).....	417.47	27.16
28 47 17 17-0029	EA	Intrusion Alarm (Whelen INTRUWPS).....	313.88	27.16
28 47 17 17-0030	EA	Custom Pre-Recorded Messages (One Time Set-Up Charge Per Message) (Whelen MSGPROG).....	227.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0031 EA Whelen Library Messages (Whelen MSGPROGL).....	45.54	
28 47 17 17-0032 EA Noise Cancelling Microphone Includes Local Microphone Input Harness (Whelen WPSNCMIC).....	164.45	27.16
28 47 17 17-0033 EA One Pair Of Whelen Approved Batteries (Whelen WPSBATT).....	1,076.38	40.74
28 47 17 17-0034 EA WPS And OA Series, Roof Top Mounted (Whelen RTM).....	10,012.52	682.51
28 47 17 17-0035 EA Two 80 Watt Panels, Solar Power System (Whelen SBC280)..... Note: Includes mounting bracket and regulator.	4,236.18	162.94
28 47 17 17-0036 EA Amber, 6 LED Lights For The Base Of WPS Series (Whelen VALERTA).....	2,162.18	40.74
28 47 17 17-0037 EA Blue, 6 LED Lights For The Base Of WPS Series (Whelen VALERTB).....	2,162.18	40.74
28 47 17 17-0038 EA Clear, 6 LED Lights For The Base Of WPS Series (Whelen VALERTC).....	2,162.18	40.74
28 47 17 17-0039 EA Green, 6 LED Lights For The Base Of WPS Series (Whelen VALERTG).....	2,162.18	40.74
28 47 17 17-0040 EA Red, 6 LED Lights For The Base Of WPS Series Products (Whelen VALERTR).....	2,162.18	40.74
28 47 17 17-0041 EA Amber, 24 Volt DC, LED, Beacon (Whelen L31HAF4).....	829.23	40.74
28 47 17 17-0042 EA Blue, 24 Volt DC, LED, Beacon (Whelen L31HBF4).....	829.23	40.74
28 47 17 17-0043 EA Red, 24 Volt DC, LED, Beacon (Whelen L31HRF4).....	829.23	40.74
28 47 17 17-0044 EA Amber, 24 Volt DC, Strobe (Whelen ISB24A).....	644.67	40.74
28 47 17 17-0045 EA Blue, 24 Volt DC, Strobe (Whelen ISB24B).....	644.67	40.74
28 47 17 17-0046 EA Clear, 24 Volt DC, Strobe (Whelen ISB24C).....	644.67	40.74
28 47 17 17-0047 EA Green, 24 Volt DC, Strobe (Whelen ISB24G).....	644.67	40.74
28 47 17 17-0048 EA Red, 24 Volt DC, Strobe (Whelen ISB24R).....	644.67	40.74
28 47 17 17-0049 EA Strobe/LED Controller With Mounting Plate, Hardware And Harnessing For ISB24 (Whelen SCWPS).....	835.17	27.16
28 47 17 17-0050 EA Strobe Controller (Whelen STCTRL).....	688.95	27.16
28 47 17 17-0051 EA LED Controller (Whelen LEDCTRL).....	688.95	27.16
28 47 17 17-0052 EA Speaker Driver Handle/Plate Assembly Only (Less Speaker Driver) (Whelen EZ-PULL).....	397.69	40.74
28 47 17 17-0053 EA Siren Diagnostic and Programming Software In CD Format (Whelen SDPTS).....	541.13	
28 47 17 17-0054 EA 400 Watt Speaker Driver (Whelen SPKDRV).....	960.43	27.16
28 47 17 17-0055 EA Cabinet Window LED Status Indicator (Whelen STATUS).....	475.82	27.16
28 47 17 17-0056 EA Noise Cancelling Microphone Option For Encoder (Whelen WPSMIC).....	164.45	27.16
28 47 17 17-0057 EA Notifier/Whelen Interface Board (Whelen NAUXCS).....	949.72	27.16
28 47 17 17-0058 Tone Only, Omni-Alert Sirens <small>(28 47 17 17)</small>		
28 47 17 17-0059 EA One Cell, Tone Only, Omni-Alert Siren (Whelen OA1)..... Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	10,335.39	682.51
28 47 17 17-0060 EA Two Cell, Tone Only, Omni-Alert Siren (Whelen OA2)..... Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	12,958.72	713.54
28 47 17 17-0061 EA Three Cell, Tone Only, Omni-Alert Siren (Whelen OA3)..... Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	15,558.14	744.56
28 47 17 17-0062 EA Four Cell, Tone Only, Omni-Alert Siren (Whelen OA4)..... Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	18,217.35	775.58
28 47 17 17-0063 EA One Way Controls, Auxiliary Board For Contact Closure Activation (Whelen O AUXIN).....	295.86	27.16
28 47 17 17-0064 EA One Way Landline Activation, 10 Digit DTMF (Whelen OD2030LL).....	553.21	27.16
28 47 17 17-0065 EA VHF High-Narrow Band, 10 Digit DTMF (Whelen OD230NV).....	2,111.10	27.16
28 47 17 17-0066 EA UHF Narrow-Band, 10 Digit DTMF (Whelen OD230NU).....	2,111.10	27.16
28 47 17 17-0067 EA UHF Wide-Band, 10 Digit DTMF (Whelen OD230WU).....	1,907.82	27.16
28 47 17 17-0068 EA VHF High-Wide Band, 10 Digit DTMF (Whelen OD230WV).....	1,848.03	27.16
28 47 17 17-0069 EA One-Way Control Two-Tone Sequential Option (Whelen OTT).....	443.67	27.16
28 47 17 17-0070 EA Two Way Controls, Contact Closure Activation Board (Whelen O AUXCS).....	659.39	27.16
28 47 17 17-0071 EA Two Way Landline Activation (Whelen OC2030LL).....	685.70	27.16
28 47 17 17-0072 EA VHF High-Narrow Band, 10 Digit DTMF (Whelen OC230NV).....	2,314.39	27.16
28 47 17 17-0073 EA UHF Narrow-Band, 10 Digit DTMF (Whelen OC230NU).....	2,314.39	27.16
28 47 17 17-0074 EA UHF, 10 Digit DTMF (Whelen OC230WU).....	2,314.39	27.16
28 47 17 17-0075 EA VHF High Band, 10 Digit DTMF (Whelen OC230WV).....	2,314.39	27.16
28 47 17 17-0076 EA Converts The Omni-Alert Siren Activation Controls To FSK Format (Whelen OFSKXMOD).....	822.02	27.16
28 47 17 17-0077 EA Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen OPGINT).....	417.47	27.16
28 47 17 17-0078 EA Cabinet Window LED Status Indicator (Whelen O STATUS).....	475.82	27.16
28 47 17 17-0079 EA Intrusion Alarm (Whelen OINTRU).....	249.58	27.16
28 47 17 17-0080 EA 80 Watt Solar Power Option (Whelen OSBC280).....	4,236.18	162.94
28 47 17 17-0081 EA One Pair Of Whelen Approved Batteries For Omialert (Whelen BSETO).....	972.11	40.74
28 47 17 17-0082 Tone-Only Rotating Directional Speakers <small>(28 47 17 17)</small>		
28 47 17 17-0083 EA 3 Cells, 127 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR3)..... Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	21,665.81	806.61
28 47 17 17-0084 EA 4 Cells, 129 dB, Tone-Only Rotating Directional Speaker (Whelen VORTEXR4)..... Note: Includes amplifiers, controller box with power supply and battery charger. Excludes batteries.	22,985.71	837.63
28 47 17 17-0085 EA Limited Function Auxiliary Board For Contact Closure Activation (Whelen VAUXIN).....	294.83	27.16
28 47 17 17-0086 EA Landline, 10 Digit DTMF (Whelen VD2030LL).....	555.35	27.16
28 47 17 17-0087 EA VHF High-Narrow Band, 10 Digit DTMF (Whelen VD230NV).....	2,111.10	27.16
28 47 17 17-0088 EA UHF Narrow-Band, 10 Digit DTMF (Whelen VD230NU).....	2,111.10	27.16
28 47 17 17-0089 EA UHF Wide-Band, 10 Digit DTMF (Whelen VD230WU).....	1,907.82	27.16
28 47 17 17-0090 EA VHF High-Wide Band, 10 Digit DTMF (Whelen VD230WV).....	1,848.03	27.16
28 47 17 17-0091 EA Two-Tone Sequential Option (Order One-Way Control Option, Above, VD2020LI, VD2020H, VD2020U) (Whelen VORTT).....	443.67	27.16
28 47 17 17-0092 EA Full Function Auxiliary/Status Control Board For Contact Closure Activation (Whelen VAUXCS).....	646.24	27.16
28 47 17 17-0093 EA Landline, 10 Digit DTMF (Whelen VC2030LL).....	685.70	27.16
28 47 17 17-0094 EA VHF High-Narrow Band, 10 Digit DTMF (Whelen VC230NV).....	2,314.39	27.16
28 47 17 17-0095 EA UHF Narrow-Band, 10 Digit DTMF (Whelen VC230NU).....	2,314.39	27.16
28 47 17 17-0096 EA UHF, 10 Digit DTMF (Whelen VC230WU).....	2,314.39	27.16
28 47 17 17-0097 EA VHF High Band, 10 Digit DTMF (Whelen VC230WV).....	2,314.39	27.16
28 47 17 17-0098 EA Option To Convert The Vortex Activation Controls To FSK Format (Whelen VFSKXMOD).....	822.02	27.16
28 47 17 17-0099 EA Cabinet Window LED Status Indicator (Whelen VSTATUS).....	477.63	27.16
28 47 17 17-0100 EA Paging Interface To Interface Whelen Tones With Existing In-Plant Systems (Whelen VPGINT).....	417.47	27.16
28 47 17 17-0101 EA Vortex Intrusion Alarm (Whelen VINTRU).....	249.58	27.16

28 Electronic Safety and Security**28 40 Life Safety****28 47 Mass Notification**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0102	EA		Speaker Pole Top Bracket (Whelen VPTB).....	659.39	27.16
28 47 17 17-0103	EA		80 Watt Solar Power Option (Whelen VSBC280).....	4,236.18	162.94
28 47 17 17-0104	EA		One Pair Of Whelen Approved Batteries For Vortex Series (Whelen BSETVOR).....	972.11	40.74
28 47 17 17-0105	EA		Program Charge For Custom VROM Message (Whelen VPROG).....	3,524.32	
28 47 17 17-0106			Uni-Directional Rotating Speakers (28 47 17 17)		
28 47 17 17-0107	EA		118 dB, Uni-Directional Rotating Speaker (Whelen HORNET).....	13,747.96	713.54
28 47 17 17-0108	EA		One Way Contact Closure Activation Control Board (Whelen HAUXIN).....	294.83	27.16
28 47 17 17-0109	EA		Landline, One Way Control, 10 Digit DTMF (Whelen HD2030LL).....	555.35	27.16
28 47 17 17-0110	EA		VHF High-Narrow Band, One Way Control, 10 Digit DTMF (Whelen HD230NV).....	2,111.10	27.16
28 47 17 17-0111	EA		UHF Narrow-Band, One Way Control, 10 Digit DTMF (Whelen HD230NU).....	2,111.10	27.16
28 47 17 17-0112	EA		VHF Wide-Band, One Way Control, 10 Digit DTMF (Whelen HD230WU).....	1,907.82	27.16
28 47 17 17-0113	EA		VHF High-Wide Band, One Way Control, 10 Digit DTMF (Whelen HD230WV).....	1,848.03	27.16
28 47 17 17-0114	EA		Two-Tone Sequential Option For Hornet (Whelen HORTT).....	445.34	27.16
28 47 17 17-0115	EA		Two Way Contact Closure Activation And Status Control Board (Whelen HAUXCS).....	643.71	27.16
28 47 17 17-0116	EA		Landline, Two Way Control, 10 Digit DTMF (Whelen HC2030LL).....	683.00	27.16
28 47 17 17-0117	EA		VHF High-Narrow Band, Two Way Control, 10 Digit DTMF (Whelen HC230NV).....	2,314.39	27.16
28 47 17 17-0118	EA		UHF Narrow-Band, Two Way Control, 10 Digit DTMF (Whelen HC230NU).....	2,314.39	27.16
28 47 17 17-0119	EA		UHF, Two Way Control, 10 Digit DTMF (Whelen HC230WU).....	2,314.39	27.16
28 47 17 17-0120	EA		VHF High Band, Two Way Control, 10 Digit DTMF (Whelen HC230WV).....	2,314.39	27.16
28 47 17 17-0121	EA		Converts Siren Activation Controls To FSK Format (Whelen HFSKXMOD).....	822.02	27.16
28 47 17 17-0122	EA		LED Status Indicator (Whelen HSTATUS).....	475.82	27.16
28 47 17 17-0123	EA		Option For Paging Interface (Whelen HPGINT).....	417.47	27.16
28 47 17 17-0124	EA		Intrusion Alarm (Whelen HINTRU).....	249.58	27.16
28 47 17 17-0125	EA		Solar Power Option (Whelen HSBC280).....	4,236.18	162.94
28 47 17 17-0126	EA		Pole Top Bracket For Speaker (Whelen HPTB).....	679.43	27.16
28 47 17 17-0127	EA		One Pair Of Whelen Approved Batteries (Whelen BSETF).....	972.11	40.74
28 47 17 17-0128			All Hazard In-Plant Personnel Warning System (28 47 17 17)		
28 47 17 17-0129	EA		400 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS400).....	6,808.29	869.02
28 47 17 17-0130	EA		800 Watt, Voice Capable, In-Plant Personnel Warning System (Whelen IPS800).....	8,281.14	977.66
28 47 17 17-0131	EA		15 Watt, Wide Angle Speaker (Whelen WS15T).....	418.44	40.74
28 47 17 17-0132	EA		Recess Mounted, 15 Watt Speaker (Whelen WS15TR).....	399.39	40.74
28 47 17 17-0133	EA		With Grill, Recess Mounted, 15 Watt Speaker (Whelen WS15TEN).....	780.41	40.74
28 47 17 17-0134	EA		30 Watt, Wide Angle Speaker (Whelen WS30T).....	526.79	40.74
28 47 17 17-0135	EA		60 Watt, Wide Angle Speaker (Whelen WS60T).....	1,084.04	40.74
28 47 17 17-0136	EA		Explosion-Proof, 60 Watt, Wide Angle Speaker (Whelen WSXPL6T).....	1,682.77	46.16
28 47 17 17-0137	EA		100 Watt, Wide Angle Speaker (Whelen WS100).....	683.96	40.74
28 47 17 17-0138	EA		Weatherproof Housing, 100 Watt, Wide Angle Speaker (Whelen WS100TCH).....	1,075.86	46.16
28 47 17 17-0139	EA		Intrusion Alarm For Whelen Outdoor Speaker Cabinets (Whelen INTRU).....	249.58	27.16
28 47 17 17-0140			Firehouse Siren (28 47 17 17)		
28 47 17 17-0141	EA		Auxiliary Board Contact Closure (Whelen FAUXIN).....	294.83	27.16
28 47 17 17-0142	EA		Two-Tone Sequential Option (Whelen FTT).....	443.67	27.16
28 47 17 17-0143	EA		Auxiliary/Status Control Board (Whelen FAUXCS).....	646.24	27.16
28 47 17 17-0144	EA		Landline, 10 Digit DTMF (Whelen FC2030LL).....	683.00	27.16
28 47 17 17-0145	EA		VHF High-Narrow Band, 10 Digit DTMF (Whelen FC230NV).....	2,314.39	27.16
28 47 17 17-0146	EA		UHF Narrow-Band, 10 Digit DTMF (Whelen FC230NU).....	2,314.39	27.16
28 47 17 17-0147	EA		UHF, 10 Digit DTMF (Whelen FC230WU).....	2,314.39	27.16
28 47 17 17-0148	EA		VHF High Band, 10 Digit DTMF (Whelen FC230WV).....	2,314.39	27.16
28 47 17 17-0149	EA		Paging Interface Control Option (Whelen FPGINT).....	417.47	27.16
28 47 17 17-0150	EA		Intrusion Alarm Control Option (Whelen FINTRU).....	249.58	27.16
28 47 17 17-0151	EA		Solar Power Option (Whelen FSBC280).....	4,236.18	162.94
			Note: Two 80 watt panels, with brackets and solar regulator.		
28 47 17 17-0152			Alert Monitor And Message Display (28 47 17 17)		
28 47 17 17-0153	EA		Alert Monitor With Radio Receiver VHF High Band (Whelen V2000H).....	1,931.73	27.16
28 47 17 17-0154	EA		Alert Monitor VHF High-Narrow Band (Whelen V2000NH).....	1,931.73	27.16
28 47 17 17-0155	EA		Alert Monitor UHF Narrow-Band (Whelen V2000NU).....	1,931.73	27.16
28 47 17 17-0156	EA		Alert Monitor With Radio Receiver UHF (Whelen V2000U).....	1,931.73	27.16
28 47 17 17-0157	EA		Internal Battery And Charger For VA2000 Series (Whelen VA2BATT).....	256.50	40.74
28 47 17 17-0158	EA		Mounting Bracket For Under Cabinet Or Vehicle Mounting - VA2000 Series (Whelen VA2MTG).....	67.41	27.16
28 47 17 17-0159	EA		Factory Programming Of 1 To 15 VA2000 Display Messages (Whelen VA2PROGA).....	169.08	
28 47 17 17-0160	EA		Factory Programming Of 16 To 45 VA2000 Display Messages (Whelen VA2PROGB).....	265.53	
28 47 17 17-0161			Portable Test Set (28 47 17 17)		
28 47 17 17-0162	EA		VHF High Band, Portable Test Set (Whelen PT2010H).....	7,808.64	
28 47 17 17-0163	EA		VHF Low Band, Portable Test Set (Whelen PT2010L).....	7,808.64	
28 47 17 17-0164	EA		UHF, Portable Test Set (Whelen PT2010U).....	7,808.64	
28 47 17 17-0165			Replacement Warning Lights (28 47 17 17)		
28 47 17 17-0166	EA		Amber, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IA).....	410.77	43.45
28 47 17 17-0167	EA		Blue, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IB).....	410.77	43.45
28 47 17 17-0168	EA		Clear, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IC).....	410.77	43.45
28 47 17 17-0169	EA		Green, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IG).....	410.77	43.45

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 47 17 17-0170 EA Red, Incandescent, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024IR)	410.77	43.45
28 47 17 17-0171 EA Amber, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IA).....	442.92	43.45
28 47 17 17-0172 EA Blue, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IB).....	282.17	43.45
28 47 17 17-0173 EA Clear, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IC)	438.16	43.45
28 47 17 17-0174 EA Green, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IG).....	438.16	43.45
28 47 17 17-0175 EA Red, Incandescent, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120IR)	438.16	43.45
28 47 17 17-0176 EA Amber, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HA).....	410.77	43.45
28 47 17 17-0177 EA Blue, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HB).....	410.77	43.45
28 47 17 17-0178 EA Clear, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HC).....	410.77	43.45
28 47 17 17-0179 EA Green, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HG).....	410.77	43.45
28 47 17 17-0180 EA Red, Halogen, 24 Volt DC, Industrial Rotating Warning Light (Whelen IR3024HR).....	410.77	43.45
28 47 17 17-0181 EA Amber, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HA).....	461.97	43.45
28 47 17 17-0182 EA Blue, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HB)	461.97	43.45
28 47 17 17-0183 EA Clear, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HC).....	294.08	43.45
28 47 17 17-0184 EA Green, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HG).....	294.08	43.45
28 47 17 17-0185 EA Red, Halogen, 120 Volt AC, Industrial Rotating Warning Light (Whelen IR3120HR).....	294.08	43.45
28 47 17 17-0186 Antenna <small>(28 47 17 17)</small>		
28 47 17 17-0187 EA 50' Antenna Cable (Honeywell Ademco 7626-50HC).....	296.08	
28 47 17 17-0188 EA External/Remote Weatherproof Antenna (Honeywell Ademco GSM-ANT3DB).....	257.45	
28 47 17 17-0189 EA 80GHz Millimeter Wave Radio (BridgeWave Flex4G-1000).....	14,733.90	
 28 49 Electronic Personal Protection Systems <small>(28 49)</small>		
28 49 11 Electronic Personal Safety Detection Systems <small>(28 49)</small>		
28 49 11 00-0001 Personnel Alarm Locating System <small>(28 49 11)</small>		
Note: Includes a central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels, eighty (80) personal alarm transmitters with lithium batteries, eighty (80) lapel readers, two hundred fifty (250) IR locators, twenty one (21) repeaters and receivers, back boxes, cables.		
28 49 11 00-0002 EA Personnel Alarm Locating System.....	23,081.52	872.02
Note: Includes Pentium III central computer, 17" VGA color monitor, keyboard and mouse, personal alarm locating software, a printer, interface cards and panels.		
28 49 11 00-0003 EA Personnel Alarm Transmitters With Lithium Batteries.....	184.92	
28 49 11 00-0004 EA Lapel Reader	71.12	
28 49 11 00-0005 EA IR Locator	250.20	32.65
28 49 11 00-0006 EA Repeaters And Receivers	601.73	108.83
 28 49 17 Electronic Personal Safety Emergency Aid Devices <small>(28 49)</small>		
28 49 17 00-0001 Electronic Personal Safety Emergency Aid Devices (Edwards Signaling) <small>(28 49 17)</small>		
28 49 17 00-0002 Call For Assistance Kits, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0003 EA Pull Cord Call For Assistance Kit With Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7008B-N5)	318.81	65.30
Note: Includes 1 high intensity strobe/buzzer (7007B-N5) and 1 emergency pull cord station (6537).		
28 49 17 00-0004 EA Push Button Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 7005-G5).....	378.67	76.18
Note: Includes 1 high intensity strobe/horn (6536-G5), 1 emergency pull cord station (6537), and 1 transformer 592.		
28 49 17 00-0005 EA Pull Cord Call For Assistance Kit With Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6538-G5).....	381.65	76.18
Note: Includes 1 high intensity strobe/horn (6536-G5), 1 wall mounted push button (620/147-10), and 1 transformer 592.		
 28 49 17 00-0006 Audible/Visual Signaling Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0007 EA High Intensity Strobe/Buzzer, Emergency Aid Devices (Edwards Signaling 7007B-N5)	236.77	40.81
28 49 17 00-0008 EA High Intensity Strobe/Horn, Emergency Aid Devices (Edwards Signaling 6536-G5).....	232.69	32.65
28 49 17 00-0009 EA Transformer For High Intensity Strobe/Horns, Emergency Aid Devices (Edwards Signaling 592)	102.85	32.65
28 49 17 00-0010 EA 1 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-1N5)	186.59	32.65
28 49 17 00-0011 EA 2 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-2N5)	216.53	32.65
28 49 17 00-0012 EA 4 Lamp, Dome Station, Emergency Aid Devices (Edwards Signaling 7641-4G5)	247.59	32.65
28 49 17 00-0013 EA 2 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-2).....	347.47	32.65
28 49 17 00-0014 EA 4 Lamp, Dome Station/Buzzer, Emergency Aid Devices (Edwards Signaling 7633-4).....	390.44	32.65
 28 49 17 00-0015 Call Activation Devices, Emergency Aid Devices (Edwards Signaling) <small>(28 49 17 00-0001)</small>		
28 49 17 00-0016 EA Double Pole Single Throw Switch, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 6537)	140.42	32.65
28 49 17 00-0017 EA Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7603E).....	211.79	32.65
28 49 17 00-0018 EA Pushbutton Wall Station/Indicator Lamp With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7613E).....	280.69	32.65
28 49 17 00-0019 EA 3 Maintained Contacts, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7302).....	307.94	10.89
28 49 17 00-0020 EA Bedside Wall Station Receptacle, Emergency Aid Devices (Edwards Signaling 7930).....	218.16	32.65
28 49 17 00-0021 EA Bedside Wall Station Receptacle With Lamp, Emergency Aid Devices (Edwards Signaling 7930L).....	259.37	32.65
28 49 17 00-0022 EA Locking Button, Pull Cord Station With Stainless Steel Face Plate, Emergency Aid Devices (Edwards Signaling 7932L)	447.15	32.65

28 Electronic Safety and Security**28 40 Life Safety****28 49 Electronic Personal Protection Systems**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
28 49 17 00-0023	EA		Pendant Push Button, Emergency Aid Devices (Edwards Signaling 7620)	206.83	32.65
28 49 17 00-0024	EA		Single 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7675)	259.79	10.89
28 49 17 00-0025	EA		Double 6' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7676)	403.61	10.89
28 49 17 00-0026	EA		Single 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7685)	412.45	10.89
28 49 17 00-0027	EA		Double 15' Calling Cord Set For Bedside Wall Station Receptacles, Emergency Aid Devices (Edwards Signaling 7686)	544.52	10.89

END OF SECTION 28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 Earthwork

31 05 Common Work Results for Earthwork⁽³¹⁾

31 05 13 Soils for Earthwork^(31 05)

Note: Includes delivery up to 15 miles from the closest approved source and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.

31 05 13 00-0001	Fill Material (Loose, Purchased Material) ^(31 05 13)	
	Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.	
31 05 13 00-0002	CY Bank Run/Fill Sand	35.40
	For Up To 8, Add	7.08
	For >8 To 16, Add	3.54
	For >48 To 64, Deduct	-2.58
	For >64 To 96, Deduct	-4.35
	For >96, Deduct	-6.12
31 05 13 00-0003	CY Screened/Washed Filter/Septic Sand	42.04
	For Up To 8, Add	8.41
	For >8 To 16, Add	4.20
	For >48 To 64, Deduct	-2.91
	For >64 To 96, Deduct	-5.01
	For >96, Deduct	-7.11
31 05 13 00-0004	CY 3/8" Minus, ASTM C33, Screened/Washed Bedding Sand	57.97
	For Up To 8, Add	11.59
	For >8 To 16, Add	5.80
	For >48 To 64, Deduct	-3.71
	For >64 To 96, Deduct	-6.60
	For >96, Deduct	-9.50
31 05 13 00-0005	CY 3/16" Minus, Screened/Washed Concrete Sand	51.99
	For Up To 8, Add	10.40
	For >8 To 16, Add	5.20
	For >48 To 64, Deduct	-3.41
	For >64 To 96, Deduct	-6.01
	For >96, Deduct	-8.61
31 05 13 00-0006	CY 3/32" Minus, Screened/Washed Masonry/Mortar Sand	93.15
	For Up To 8, Add	18.63
	For >8 To 16, Add	9.32
	For >48 To 64, Deduct	-5.47
	For >64 To 96, Deduct	-10.12
	For >96, Deduct	-14.78
31 05 13 00-0007	CY Common Fill, Native Soil/Dirt	48.83
	For Up To 8, Add	9.77
	For >8 To 16, Add	4.88
	For >48 To 64, Deduct	-3.25
	For >64 To 96, Deduct	-5.69
	For >96, Deduct	-8.13
31 05 13 00-0008	CY Lime Rock Screening	40.53
	For Up To 8, Add	8.11
	For >8 To 16, Add	4.05
	For >48 To 64, Deduct	-2.83
	For >64 To 96, Deduct	-4.86
	For >96, Deduct	-6.89
31 05 13 00-0009	CY Crushed Lime Rock Maximum 3-1/2"	40.53
	For Up To 8, Add	8.11
	For >8 To 16, Add	4.05
	For >48 To 64, Deduct	-2.83
	For >64 To 96, Deduct	-4.86
	For >96, Deduct	-6.89
31 05 13 00-0010	CY Sand/Clay	38.13
	For Up To 8, Add	7.63
	For >8 To 16, Add	3.81
	For >48 To 64, Deduct	-2.71
	For >64 To 96, Deduct	-4.62
	For >96, Deduct	-6.53
31 05 13 00-0011	CY Recycled Concrete Aggregate	36.29
	For Up To 8, Add	7.26
	For >8 To 16, Add	3.63
	For >48 To 64, Deduct	-2.62
	For >64 To 96, Deduct	-4.44
	For >96, Deduct	-6.25
31 05 13 00-0012	CY Pitrun Clay	72.17
	For Up To 8, Add	14.43
	For >8 To 16, Add	7.22
	For >48 To 64, Deduct	-4.42
	For >64 To 96, Deduct	-8.02
	For >96, Deduct	-11.63
31 05 13 00-0013	CY Light Clay / Loam	58.08
	For Up To 8, Add	11.62
	For >8 To 16, Add	5.81
	For >48 To 64, Deduct	-3.71
	For >64 To 96, Deduct	-6.62
	For >96, Deduct	-9.52

31	Earthwork
31 05	Common Work Results for Earthwork
31 05 13	Soils for Earthwork

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 05 13 00-0014	CY Heavy Clay	72.17	
	For Up To 8, Add	14.43	
	For >8 To 16, Add	7.22	
	For >48 To 64, Deduct	-4.42	
	For >64 To 96, Deduct	-8.02	
	For >96, Deduct	-11.63	

31 05 16 Aggregates for Earthwork ^(31 05)

See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.

31 05 16 00-0001 Aggregate (Loose, Purchased Material) ^(31 05 16)

Note: Includes delivery up to 15 miles from the closest approved source, loading and dumping. Excludes spreading or backfilling. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.

31 05 16 00-0002	CY #2 Stone Aggregate Fill (1-1/2" To 2-1/2" Clean).....	54.39	
	For Up To 8, Add	10.88	
	For >8 To 16, Add	5.44	
	For >48 To 64, Deduct	-3.53	
	For >64 To 96, Deduct	-6.25	
	For >96, Deduct	-8.97	
31 05 16 00-0003	CY #3 Stone Aggregate Fill (1" To 2" Clean).....	56.63	
	For Up To 8, Add	11.33	
	For >8 To 16, Add	5.66	
	For >48 To 64, Deduct	-3.64	
	For >64 To 96, Deduct	-6.47	
	For >96, Deduct	-9.30	
31 05 16 00-0004	CY #4 Stone Aggregate Fill (3/4" To 1-1/2" Clean).....	54.39	
	For Up To 8, Add	10.88	
	For >8 To 16, Add	5.44	
	For >48 To 64, Deduct	-3.53	
	For >64 To 96, Deduct	-6.25	
	For >96, Deduct	-8.97	
31 05 16 00-0005	CY #5 Stone Aggregate Fill (1/2" To 1" Clean).....	58.25	
	For Up To 8, Add	11.65	
	For >8 To 16, Add	5.83	
	For >48 To 64, Deduct	-3.72	
	For >64 To 96, Deduct	-6.63	
	For >96, Deduct	-9.55	
31 05 16 00-0006	CY #6 Stone Aggregate Fill (3/8" To 3/4" Clean).....	60.54	
	For Up To 8, Add	12.11	
	For >8 To 16, Add	6.05	
	For >48 To 64, Deduct	-3.83	
	For >64 To 96, Deduct	-6.86	
	For >96, Deduct	-9.89	
31 05 16 00-0007	CY #56 Stone Aggregate Fill (3/8" To 1").....	58.61	
	For Up To 8, Add	11.72	
	For >8 To 16, Add	5.86	
	For >48 To 64, Deduct	-3.74	
	For >64 To 96, Deduct	-6.67	
	For >96, Deduct	-9.60	
31 05 16 00-0008	CY #57 Stone Aggregate Fill (3/8" To 1").....	62.58	
	For Up To 8, Add	12.52	
	For >8 To 16, Add	6.26	
	For >48 To 64, Deduct	-3.94	
	For >64 To 96, Deduct	-7.07	
	For >96, Deduct	-10.19	
31 05 16 00-0009	CY #67 Or #68 Stone Aggregate Fill (3/16" To 3/4").....	56.51	
	For Up To 8, Add	11.30	
	For >8 To 16, Add	5.65	
	For >48 To 64, Deduct	-3.63	
	For >64 To 96, Deduct	-6.46	
	For >96, Deduct	-9.28	
31 05 16 00-0010	CY #7 Stone Aggregate Fill (3/8" To 1/2").....	57.61	
	For Up To 8, Add	11.52	
	For >8 To 16, Add	5.76	
	For >48 To 64, Deduct	-3.69	
	For >64 To 96, Deduct	-6.57	
	For >96, Deduct	-9.45	
31 05 16 00-0011	CY #78 Stone Aggregate Fill (3/32" To 1/2").....	58.09	
	For Up To 8, Add	11.62	
	For >8 To 16, Add	5.81	
	For >48 To 64, Deduct	-3.71	
	For >64 To 96, Deduct	-6.62	
	For >96, Deduct	-9.52	
31 05 16 00-0012	CY #8 Stone Aggregate Fill (3/32" To 3/8").....	60.54	
	For Up To 8, Add	12.11	
	For >8 To 16, Add	6.05	
	For >48 To 64, Deduct	-3.83	
	For >64 To 96, Deduct	-6.86	
	For >96, Deduct	-9.89	
31 05 16 00-0013	CY #89 Stone Aggregate Fill (1/16" To 3/8").....	61.22	
	For Up To 8, Add	12.24	
	For >8 To 16, Add	6.12	
	For >48 To 64, Deduct	-3.87	
	For >64 To 96, Deduct	-6.93	
	For >96, Deduct	-9.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 05 16 00-0014 CY #9 Stone Aggregate Fill (3/32" To 3/16")	60.54	
For Up To 8, Add	12.11	
For >8 To 16, Add	6.05	
For >48 To 64, Deduct	-3.83	
For >64 To 96, Deduct	-6.86	
For >96, Deduct	-9.89	
31 05 16 00-0015 CY #10 Stone Aggregate Fill (1/16" To 3/16")	61.94	
For Up To 8, Add	12.39	
For >8 To 16, Add	6.19	
For >48 To 64, Deduct	-3.90	
For >64 To 96, Deduct	-7.00	
For >96, Deduct	-10.10	
31 05 16 00-0016 CY #610 Modified Stone Aggregate Fill (1/16" To 3/4")	61.22	
For Up To 8, Add	12.24	
For >8 To 16, Add	6.12	
For >48 To 64, Deduct	-3.87	
For >64 To 96, Deduct	-6.93	
For >96, Deduct	-9.99	
31 05 16 00-0017 CY Screenings Stone Aggregate Fill (3/16" Max)	51.25	
For Up To 8, Add	10.25	
For >8 To 16, Add	5.13	
For >48 To 64, Deduct	-3.37	
For >64 To 96, Deduct	-5.93	
For >96, Deduct	-8.50	
31 05 16 00-0018 CY Over 6" To 12" Stone Aggregate Fill, Random Size	55.76	
For Up To 8, Add	11.15	
For >8 To 16, Add	5.58	
For >48 To 64, Deduct	-3.60	
For >64 To 96, Deduct	-6.38	
For >96, Deduct	-9.17	
31 05 16 00-0019 CY Over 6" To 12" Graded Stone Aggregate Fill	55.76	
For Up To 8, Add	11.15	
For >8 To 16, Add	5.58	
For >48 To 64, Deduct	-3.60	
For >64 To 96, Deduct	-6.38	
For >96, Deduct	-9.17	
31 05 16 00-0020 CY 3" To 7" Surge Stone Aggregate Fill, Random Size	60.26	
For Up To 8, Add	12.05	
For >8 To 16, Add	6.03	
For >48 To 64, Deduct	-3.82	
For >64 To 96, Deduct	-6.83	
For >96, Deduct	-9.85	
31 05 16 00-0021 CY 3" To 7" Surge Stone Graded Aggregate Fill	63.47	
For Up To 8, Add	12.69	
For >8 To 16, Add	6.35	
For >48 To 64, Deduct	-3.98	
For >64 To 96, Deduct	-7.15	
For >96, Deduct	-10.33	
31 05 16 00-0022 CY Crusher Run Aggregate Fill (2-1/2" Minus)	35.56	
For Up To 8, Add	7.11	
For >8 To 16, Add	3.56	
For >48 To 64, Deduct	-2.59	
For >64 To 96, Deduct	-4.36	
For >96, Deduct	-6.14	
31 05 16 00-0023 CY Crusher Run Aggregate Fill (1-1/2" Minus)	39.09	
For Up To 8, Add	7.82	
For >8 To 16, Add	3.91	
For >48 To 64, Deduct	-2.76	
For >64 To 96, Deduct	-4.72	
For >96, Deduct	-6.67	
31 05 16 00-0024 CY Crusher Run Aggregate Fill (3/4" Minus)	36.80	
For Up To 8, Add	7.36	
For >8 To 16, Add	3.68	
For >48 To 64, Deduct	-2.65	
For >64 To 96, Deduct	-4.49	
For >96, Deduct	-6.33	
31 05 16 00-0025 CY Miscellaneous Crushed Base, Processed Concrete, Paving	62.86	
For Up To 8, Add	12.57	
For >8 To 16, Add	6.29	
For >48 To 64, Deduct	-3.95	
For >64 To 96, Deduct	-7.09	
For >96, Deduct	-10.24	

31 05 36 Equipment Delivery, Pickup, Mobilization and Demobilization ⁽³¹⁾

⁰⁵⁾ See CSI section 01 71 13 00-0001 for equipment delivery, pickup, mobilization and demobilization.

31 10 Site Clearing ⁽³¹⁾

31 11 Clearing and Grubbing ^(31 10)

31 11 00 00-0001 Clear And Grub Roots And Stumps ^(31 11)

Note: Tree diameter (diameter at breast height) is the diameter of the tree trunk measured at 4.5' above ground level. Based on tree density (light, medium or heavy) to be removed. Excludes loading. See CSI section 31 13 13 00-0001 for small areas or individual trees removal.

31 11 00 00-0002	ACR Clear And Grub Light Trees Up To 6" Diameter, Cut And Chip	7,146.66
	Note: Includes grub and removal of stump	

31 Earthwork**31 10 Site Clearing****31 11 Clearing and Grubbing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 11 00 00-0003 ACR Clear And Grub Light Stumps Only Up To 6" Diameter	2,159.97	
31 11 00 00-0004 ACR Clear And Grub Medium Trees Up To 10" Diameter, Cut And Chip	9,528.88	
Note: Includes grub and removal of stump		
31 11 00 00-0005 ACR Clear And Grub Medium Stumps Only Up To 10" Diameter	3,599.95	
31 11 00 00-0006 ACR Clear And Grub Heavy Trees Up To 16" Diameter, Cut And Chip	13,102.20	
Note: Includes grub and removal of stump		
31 11 00 00-0007 ACR Clear And Grub Heavy Stumps Only Up To 16" Diameter	5,399.94	
31 11 00 00-0008 ACR Clear And Grub Heavy Trees Up To 24" Diameter, Cut And Chip	19,057.75	
Note: Includes grub and removal of stump		
31 11 00 00-0009 ACR Clear And Grub Heavy Stumps Only Up To 24" Diameter	7,559.91	
31 11 00 00-0010 ACR Clearing By Machine - Light Brush Without Grub	319.14	
31 11 00 00-0011 ACR Clearing By Machine - Medium Brush Without Grub	671.90	
31 11 00 00-0012 ACR Clearing By Machine - Heavy Brush Without Grub	949.36	
31 11 00 00-0013 ACR Chipping - Light Brush	2,541.48	
31 11 00 00-0014 ACR Chipping - Medium Brush	3,267.79	
31 11 00 00-0015 ACR Chipping - Heavy Brush	4,575.33	
31 11 00 00-0016 Loading Of Cleared And Grubbed Material ^(31 11)		
See CSI section 01 74 19 00-0045 for hauling.		
31 11 00 00-0017 CY Machine Loading Of Cleared And Grubbed Material	11.32	
31 11 00 00-0018 CY Chute Loading Of Cleared And Grubbed Material	13.59	
31 11 00 00-0019 CY Hand Loading Of Cleared And Grubbed Material	37.36	
31 11 00 00-0020 CY Wheel And Ramp Loading Of Cleared And Grubbed Material	29.35	
31 13 Selective Tree and Shrub Removal and Trimming ^(31 10)		
31 13 13 Selective Tree and Shrub Removal ^(31 13)		
31 13 13 00-0001 Individual Tree Removal ^(31 13 13)		
Note: Includes sawing and chipping branches. Tree diameter, D.B.H. (Diameter At Breast Height) is the diameter of the tree trunk measured at 4.5' above ground elevation. Excludes stump removal or grinding.		
31 13 13 00-0002 EA Up To 6" D.B.H. (Diameter At Breast Height) Tree Removal	595.56	
Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0003 EA >6" To 12" D.B.H. (Diameter At Breast Height) Tree Removal	893.34	
Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0004 EA >12" To 24" D.B.H. (Diameter At Breast Height) Tree Removal	1,191.10	
Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0005 EA >24" To 36" D.B.H. (Diameter At Breast Height) Tree Removal	1,786.66	
Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0006 EA >36" To 48" D.B.H. (Diameter At Breast Height) Tree Removal	2,382.22	
Note: Includes cutting up tree, chipping and loading.		
31 13 13 00-0007 EA >48" To 60" D.B.H. (Diameter At Breast Height) Tree Removal	2,977.78	
Note: Includes cutting up tree, chipping and loading.		
For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	-744.45	
31 13 13 00-0008 EA >60" To 72" D.B.H. (Diameter At Breast Height) Tree Removal	3,573.32	
Note: Includes cutting up tree, chipping and loading.		
For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	-893.33	
31 13 13 00-0009 EA >72" To 84" D.B.H. (Diameter At Breast Height) Tree Removal	4,764.44	
Note: Includes cutting up tree, chipping and loading.		
For Tree Removal Without Chipping Or Cutting Up Tree Into Smaller Pieces, Deduct	-1,191.11	
31 13 13 00-0010 Stump Removal ^(31 13 13)		
Note: Measured by diameter of stump.		
31 13 13 00-0011 Stump Removal By Machine ^(31 13 13 00-0010)		
31 13 13 00-0012 EA Up To 6" Diameter Stump Removal	107.99	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0013 EA >6" To 12" Diameter Stump Removal	207.00	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0014 EA >12" To 24" Diameter Stump Removal	270.00	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0015 EA >24" To 36" Diameter Stump Removal	405.01	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0016 EA >36" To 48" Diameter Stump Removal	477.03	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0017 EA >48" To 60" Diameter Stump Removal	561.59	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0018 EA >60" To 72" Diameter Stump Removal	665.99	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0019 EA >72" To 84" Diameter Stump Removal	782.99	
Note: Includes excavation necessary to remove stump and loading.		
31 13 13 00-0020 Stump Removal By Hand ^(31 13 13 00-0010)		
31 13 13 00-0021 EA Up To 6" Diameter Stump Removal By Hand	613.92	
Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.		
31 13 13 00-0022 EA >6" To 12" Diameter Stump Removal By Hand	767.41	
Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 13 13 00-0023 EA >12" To 24" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,125.53	
31 13 13 00-0024 EA >24" To 36" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	1,534.82	
31 13 13 00-0025 EA >36" To 48" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,046.43	
31 13 13 00-0026 EA >48" To 60" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	2,558.03	
31 13 13 00-0027 EA >60" To 72" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,069.63	
31 13 13 00-0028 EA >72" To 84" Diameter Stump Removal By Hand Note: Where stump removal is inaccessible by machine. Includes excavation necessary to remove stump and loading.	3,581.24	
31 13 13 00-0029 Stump Grinding <small>(31 13 13)</small> Note: Measured by diameter of stump.		
31 13 13 00-0030 Stump Grinding, 18" Deep Below Surface Of Soil <small>(31 13 13 00-0029)</small> Note: Level soil to match existing surface area.		
31 13 13 00-0031 EA Stump Grinding Up To 6" Tree <i>For 24" Depth, Add</i>	114.69 22.94	
31 13 13 00-0032 EA Stump Grinding >6" To 12" Tree <i>For 24" Depth, Add</i>	143.35 28.67	
31 13 13 00-0033 EA Stump Grinding >12" To 15" Tree <i>For 24" Depth, Add</i>	172.03 34.41	
31 13 13 00-0034 EA Stump Grinding >15" To 18" Tree <i>For 24" Depth, Add</i>	191.14 38.23	
31 13 13 00-0035 EA Stump Grinding >18" To 21" Tree <i>For 24" Depth, Add</i>	205.48 41.10	
31 13 13 00-0036 EA Stump Grinding >21" To 24" Tree <i>For 24" Depth, Add</i>	219.82 43.96	
31 13 13 00-0037 EA Stump Grinding >24" To 27" Tree <i>For 24" Depth, Add</i>	238.92 47.78	
31 13 13 00-0038 EA Stump Grinding >27" To 30" Tree <i>For 24" Depth, Add</i>	260.97 52.19	
31 13 13 00-0039 EA Stump Grinding >30" To 33" Tree <i>For 24" Depth, Add</i>	289.98 58.00	
31 13 13 00-0040 EA Stump Grinding >33" To 36" Tree <i>For 24" Depth, Add</i>	318.97 63.79	
31 13 13 00-0041 EA Stump Grinding >36" To 42" Tree <i>For 24" Depth, Add</i>	347.96 69.59	
31 13 13 00-0042 EA Stump Grinding >42" To 48" Tree <i>For 24" Depth, Add</i>	386.63 77.33	
31 13 13 00-0043 EA Stump Grinding >48" To 60" Tree <i>For 24" Depth, Add</i>	483.29 96.66	
31 13 13 00-0044 EA Stump Grinding >60" To 72" Tree <i>For 24" Depth, Add</i>	604.11 120.82	
31 13 13 00-0045 EA Stump Grinding >72" To 84" Tree <i>For 24" Depth, Add</i>	773.25 154.65	
31 13 13 00-0046 Shrub Removal <small>(31 13 13)</small>		
31 13 13 00-0047 EA Removal Of 18" To 24" Shrub, Broadleaf Evergreen	45.01	
31 13 13 00-0048 EA Removal Of 2' To 3' Shrub, Broadleaf Evergreen	70.57	
31 13 13 00-0049 EA Removal Of 3' To 4' Shrub, Broadleaf Evergreen	81.82	
31 13 13 00-0050 EA Removal Of 4' To 5' Shrub, Broadleaf Evergreen	122.73	
31 13 13 00-0051 EA Removal Of 12" To 15" Shrub, Deciduous	22.50	
31 13 13 00-0052 EA Removal Of 18" To 24" Shrub, Deciduous	34.78	
31 13 13 00-0053 EA Removal Of 2' To 3' Shrub, Deciduous	45.01	
31 13 13 00-0054 EA Removal Of 3' To 4' Shrub, Deciduous	49.09	
31 13 13 00-0055 EA Removal Of 18" To 24" Shrub, Evergreen	45.01	
31 13 13 00-0056 EA Removal Of 24" To 30" Shrub, Evergreen	49.09	
31 13 13 00-0057 EA Removal Of 30" To 36" Shrub, Evergreen	70.57	
31 13 13 00-0058 EA Removal Of 36" To 42" Shrub, Evergreen	122.73	
31 13 16 Selective Tree and Shrub Trimming <small>(31 13)</small>		
31 13 16 00-0001 Tree Trimming For Pole Line Construction And Maintenance <small>(31 13 16)</small> Note: Area to be vertical cleared (including overhanging limbs) is minimum 20' wide (10' each side of structure) and 16' above ground. All materials to 6" D.B.H. (Diameter At Breast Height) to be chipped in place. Larger material may be chipped or disposed. Trees greater than 18" diameter use individual tree removal tasks. Quantity based on running foot of power line to be cleared.		
31 13 16 00-0002 LF Tree Trimming, Light Cutting To 6" Diameter For Pole Line Construction	1.91	
31 13 16 00-0003 LF Tree Trimming, Medium Cutting >6" To 12" Diameter For Pole Line Construction	2.87	
31 13 16 00-0004 LF Tree Trimming, Heavy Cutting >12" To 18" Diameter For Pole Line Construction	3.37	

31 20 Earth Moving (31)

31	Earthwork
31 20	Earth Moving
31 13	Selective Tree and Shrub Removal and Trimming

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

Note: Per OSHA -Soil Classification - 1926 Subpart P App A. Light material: Class A site material, normally referred to as "easy digging". Consisting of loose, soft, free running materials. Close lying, which will fill blade, digger or bucket to capacity, and frequently provide a heaped load. Materials such as dry sand, small gravel, unpacked earth, loam, etc., would fall into this category. Medium material: Class B site material, normally referred to as "medium and tough, wet and sticky clay would be examples of this medium digging", consisting of harder materials that are not difficult to dig without assistance such as ripping, blasting, etc. Material break up with some bulkiness causing voids in digger or bucket. Materials such as packed earth, common earth with some clay, soil with less than 25% rock content would be examples of this category. Heavy/wet material: Class C site material, normally referred to as "hard digging", consisting of materials which may require some assistance in breaking up. Bulky and somewhat hard to penetrate materials would be found in this category and voids in dipper or bucket would be common. Materials such as very hard packed soil, with up to 50% to 70% rock content and hard category. Soil conditions will be determined by soil analysis to provide appropriate percentage (%) for the various types of soil conditions. Apply the percentages to the various soil types to generate an appropriate representation of the soil condition.

31 23 Excavation and Fill ^(31 20)

31 23 16 Excavation ^(31 23)

31 23 16 13 Trenching ^(31 23 16)

Note: Use this section for trenching operations even if the total project volume exceeds 500 CY. Use tasks for work by hand only for areas not accessible by machine.

31 23 16 13-0001 Excavation For Trenching By Machine ^(31 23 16 13)

Note: Includes stockpiling excess materials and trimming sides and bottom of trench.

31 23 16 13-0002	CY	12" Wide or Less, Excavation for Trenching by Machine in Soil	11.00
		<i>For Excavation In Light Material (Class A), Deduct</i>	-1.38
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	4.40
		<i>For Up To 20, Add</i>	8.80
		<i>For >20 To 50, Add</i>	5.50
		<i>For >50 To 250, Add</i>	2.75
		<i>For >500 To 1,000, Deduct</i>	-1.65
		<i>For >1,000, Deduct</i>	-3.30
31 23 16 13-0003	CY	Over 12" Wide, Excavation for Trenching by Machine in Soil	7.24
		<i>For Excavation In Light Material (Class A), Deduct</i>	-0.91
		<i>For Excavation In Heavy/Wet Material (Class C), Add</i>	2.90
		<i>For Up To 20, Add</i>	5.79
		<i>For >20 To 50, Add</i>	3.62
		<i>For >50 To 250, Add</i>	1.81
		<i>For >500 To 1,000, Deduct</i>	-1.09
		<i>For >1,000, Deduct</i>	-2.17
31 23 16 13-0004	CY	12" Wide or Less, Excavation for Trenching by Machine in Loose Rock	18.21
		Note: Includes compacted aggregate	
		<i>For Up To 20, Add</i>	14.57
		<i>For >20 To 50, Add</i>	9.11
		<i>For >50 To 250, Add</i>	4.55
		<i>For >500 To 1,000, Deduct</i>	-2.73
		<i>For >1,000, Deduct</i>	-5.46
31 23 16 13-0005	CY	Over 12" Wide, Excavation for Trenching by Machine in Loose Rock	12.85
		Note: Includes compacted aggregate	
		<i>For Up To 20, Add</i>	10.28
		<i>For >20 To 50, Add</i>	6.43
		<i>For >50 To 250, Add</i>	3.21
		<i>For >500 To 1,000, Deduct</i>	-1.93
		<i>For >1,000, Deduct</i>	-3.86

31 23 16 13-0006 Excavation For Trenching By Hand ^(31 23 16 13)

31 23 16 13-0007	CY	Excavation For Trenching By Hand In Soil	123.28
		Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	
31 23 16 13-0008	CY	Excavation For Trenching By Hand In Loose Rock Or Compacted Aggregate	211.47
		Note: Includes stockpiling excess materials and trimming sides and bottom of trench.	

31 23 16 13-0009 Backfilling Or Placing Subbase For Trenches ^(31 23 16 13)

Note: With imported or stockpiled materials.

31 23 16 13-0010	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Machine	4.00
		<i>For Up To 20, Add</i>	3.20
		<i>For >20 To 50, Add</i>	2.00
		<i>For >50 To 250, Add</i>	1.00
		<i>For >500 To 1,000, Deduct</i>	-0.60
		<i>For >1,000, Deduct</i>	-1.20
31 23 16 13-0011	CY	Backfilling or Placing Subbase for Trenches with Imported or Stockpiled Materials by Hand	34.25

31 23 16 13-0012 Compaction Of Fill Or Subbase For Trenches ^(31 23 16 13)

Note: Includes restoration of final grade.

31 23 16 13-0013	CY	Compaction of Fill or Subbase for Trenches by Vibratory Plate, Air Tamper, Etcetera	7.17
		<i>For Up To 20, Add</i>	5.74
		<i>For >20 To 50, Add</i>	3.59
		<i>For >50 To 250, Add</i>	1.79
		<i>For >500 To 1,000, Deduct</i>	-1.08
		<i>For >1,000, Deduct</i>	-2.15
31 23 16 13-0014	CY	Compaction of Fill or Subbase for Trenches by Hand	38.63

31 23 16 13-0015 Loading Excess Material For Removal From Excavation For Trenches ^(31 23 16)

¹³⁾ Note: Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0045 for hauling.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0016 CY Load Excess Material by Machine for Removal from Excavation for Trenching	6.95	
<i>For Up To 20, Add</i>	5.56	
<i>For >20 To 50, Add</i>	3.48	
<i>For >50 To 250, Add</i>	1.74	
<i>For >500 To 1,000, Deduct</i>	-1.04	
<i>For >1,000, Deduct</i>	-2.09	
31 23 16 13-0017 CY Load Excess Material by Hand for Removal from Excavation for Trenching	90.40	
31 23 16 13-0018 Spread Excess Or Imported Material For Trenches <small>(31 23 16 13)</small>		
Note: Includes hand work by laborer for clean-up.		
31 23 16 13-0019 CY Spread Excess Or Imported Material On Site With Machine	3.31	
<i>For Up To 20, Add</i>	2.65	
<i>For >20 To 50, Add</i>	1.66	
<i>For >50 To 250, Add</i>	0.83	
<i>For >500 To 1,000, Deduct</i>	-0.50	
<i>For >1,000, Deduct</i>	-0.99	
31 23 16 13-0020 Direct Burial (Plowed-in) Cable Or Piping By Machine <small>(31 23 16 13)</small>		
Note: Includes trench, backfill, compaction and restoration of final grade.		
31 23 16 13-0021 LF Direct Burial of Cable or Piping up to 12" Deep	2.44	
31 23 16 13-0022 LF Direct Burial of Cable or Piping >12" to 24" Deep	2.69	
31 23 16 13-0023 LF Direct Burial of Cable or Piping >24" to 36" Deep	3.83	
31 23 16 13-0024 LF Direct Burial of Cable or Piping >36" to 48" Deep	4.32	
31 23 16 13-0025 Utility Chain Trencher <small>(31 23 16 13)</small>		
31 23 16 13-0026 Utility Trench, Chain Trencher <small>(31 23 16 13-0025)</small>		
Note: Earth left adjacent to trench.		
31 23 16 13-0027 LF 4" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.34	
<i>For >100 To 250, Deduct</i>	-0.09	
<i>For >250 To 500, Deduct</i>	-0.20	
<i>For >500, Deduct</i>	-0.40	
31 23 16 13-0028 LF 4" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.47	
<i>For >100 To 250, Deduct</i>	-0.10	
<i>For >250 To 500, Deduct</i>	-0.22	
<i>For >500, Deduct</i>	-0.44	
31 23 16 13-0029 LF 4" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	1.53	
<i>For >100 To 250, Deduct</i>	-0.11	
<i>For >250 To 500, Deduct</i>	-0.23	
<i>For >500, Deduct</i>	-0.46	
31 23 16 13-0030 LF 6" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	1.61	
<i>For >100 To 250, Deduct</i>	-0.11	
<i>For >250 To 500, Deduct</i>	-0.24	
<i>For >500, Deduct</i>	-0.48	
31 23 16 13-0031 LF 6" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	1.76	
<i>For >100 To 250, Deduct</i>	-0.12	
<i>For >250 To 500, Deduct</i>	-0.26	
<i>For >500, Deduct</i>	-0.53	
31 23 16 13-0032 LF 6" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	2.02	
<i>For >100 To 250, Deduct</i>	-0.14	
<i>For >250 To 500, Deduct</i>	-0.30	
<i>For >500, Deduct</i>	-0.61	
31 23 16 13-0033 LF 6" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	2.42	
<i>For >100 To 250, Deduct</i>	-0.17	
<i>For >250 To 500, Deduct</i>	-0.36	
<i>For >500, Deduct</i>	-0.73	
31 23 16 13-0034 LF 8" Wide, 12" Deep Trench, Medium Soil, Chain Trencher	2.28	
<i>For >100 To 250, Deduct</i>	-0.16	
<i>For >250 To 500, Deduct</i>	-0.34	
<i>For >500, Deduct</i>	-0.68	
31 23 16 13-0035 LF 8" Wide, 18" Deep Trench, Medium Soil, Chain Trencher	2.69	
<i>For >100 To 250, Deduct</i>	-0.19	
<i>For >250 To 500, Deduct</i>	-0.40	
<i>For >500, Deduct</i>	-0.81	
31 23 16 13-0036 LF 8" Wide, 24" Deep Trench, Medium Soil, Chain Trencher	3.05	
<i>For >100 To 250, Deduct</i>	-0.21	
<i>For >250 To 500, Deduct</i>	-0.46	
<i>For >500, Deduct</i>	-0.92	
31 23 16 13-0037 LF 8" Wide, 36" Deep Trench, Medium Soil, Chain Trencher	3.61	
<i>For >100 To 250, Deduct</i>	-0.25	
<i>For >250 To 500, Deduct</i>	-0.54	
<i>For >500, Deduct</i>	-1.08	
31 23 16 13-0038 Backfill Trenches With Compaction <small>(31 23 16 13-0025)</small>		
31 23 16 13-0039 LF Backfill 4" Wide, 12" Deep Trench, With Compaction	0.21	
<i>For >100 To 250, Deduct</i>	-0.01	
<i>For >250 To 500, Deduct</i>	-0.03	
<i>For >500, Deduct</i>	-0.06	
31 23 16 13-0040 LF Backfill 4" Wide, 18" Deep Trench, With Compaction	0.33	
<i>For >100 To 250, Deduct</i>	-0.02	
<i>For >250 To 500, Deduct</i>	-0.05	
<i>For >500, Deduct</i>	-0.10	

31	Earthwork
31 20	Earth Moving
31 23	Excavation and Fill

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 13-0041	LF		Backfill 4" Wide, 24" Deep Trench, With Compaction	0.43	
			<i>For >100 To 250, Deduct</i>	-0.03	
			<i>For >250 To 500, Deduct</i>	-0.06	
			<i>For >500, Deduct</i>	-0.13	
31 23 16 13-0042	LF		Backfill 6" Wide, 12" Deep Trench, With Compaction	0.33	
			<i>For >100 To 250, Deduct</i>	-0.02	
			<i>For >250 To 500, Deduct</i>	-0.05	
			<i>For >500, Deduct</i>	-0.10	
31 23 16 13-0043	LF		Backfill 6" Wide, 18" Deep Trench, With Compaction	0.43	
			<i>For >100 To 250, Deduct</i>	-0.03	
			<i>For >250 To 500, Deduct</i>	-0.06	
			<i>For >500, Deduct</i>	-0.13	
31 23 16 13-0044	LF		Backfill 6" Wide, 24" Deep Trench, With Compaction	0.66	
			<i>For >100 To 250, Deduct</i>	-0.05	
			<i>For >250 To 500, Deduct</i>	-0.10	
			<i>For >500, Deduct</i>	-0.20	
31 23 16 13-0045	LF		Backfill 6" Wide, 36" Deep Trench, With Compaction	0.94	
			<i>For >100 To 250, Deduct</i>	-0.07	
			<i>For >250 To 500, Deduct</i>	-0.14	
			<i>For >500, Deduct</i>	-0.28	
31 23 16 13-0046	LF		Backfill 8" Wide, 12" Deep Trench, With Compaction	0.43	
			<i>For >100 To 250, Deduct</i>	-0.03	
			<i>For >250 To 500, Deduct</i>	-0.06	
			<i>For >500, Deduct</i>	-0.13	
31 23 16 13-0047	LF		Backfill 8" Wide, 18" Deep Trench, With Compaction	0.66	
			<i>For >100 To 250, Deduct</i>	-0.05	
			<i>For >250 To 500, Deduct</i>	-0.10	
			<i>For >500, Deduct</i>	-0.20	
31 23 16 13-0048	LF		Backfill 8" Wide, 24" Deep Trench, With Compaction	0.87	
			<i>For >100 To 250, Deduct</i>	-0.06	
			<i>For >250 To 500, Deduct</i>	-0.13	
			<i>For >500, Deduct</i>	-0.26	
31 23 16 13-0049	LF		Backfill 8" Wide, 36" Deep Trench, With Compaction	1.31	
			<i>For >100 To 250, Deduct</i>	-0.09	
			<i>For >250 To 500, Deduct</i>	-0.20	
			<i>For >500, Deduct</i>	-0.39	

31 23 16 16 Structural Excavation for Minor Structures (31 23 16)

31 23 16 16-0001			Post Holes (31 23 16 16)		
			Note: Excludes spreading of excess material on site or loading and removal of excavated material from site.		
31 23 16 16-0002			Drilling Post Hole In Soil (31 23 16 16-0001)		
			Note: Auger by machine unless otherwise notified by owner.		
31 23 16 16-0003	VLF		Up To 2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	9.29	
31 23 16 16-0004	VLF		2-1/2" Diameter Hole, Auger By Machine Post Hole In Soil	10.46	
31 23 16 16-0005	VLF		3" Diameter Hole, Auger By Machine Post Hole In Soil	12.39	
31 23 16 16-0006	VLF		4" Diameter Hole, Auger By Machine Post Hole In Soil	13.93	
31 23 16 16-0007	VLF		6" Diameter Hole, Auger By Machine Post Hole In Soil	15.20	
31 23 16 16-0008	VLF		8" Diameter Hole, Auger By Machine Post Hole In Soil	16.72	
31 23 16 16-0009	VLF		10" Diameter Hole, Auger By Machine Post Hole In Soil	18.58	
31 23 16 16-0010	VLF		12" Diameter Hole, Auger By Machine Post Hole In Soil	20.90	
31 23 16 16-0011	VLF		18" Diameter Hole, Auger By Machine Post Hole In Soil	23.89	
31 23 16 16-0012	VLF		24" Diameter Hole, Auger By Machine Post Hole In Soil	27.87	
31 23 16 16-0013	VLF		30" Diameter Hole, Auger By Machine Post Hole In Soil	33.44	
31 23 16 16-0014	VLF		36" Diameter Hole, Auger By Machine Post Hole In Soil	41.80	
31 23 16 16-0015			Drilling Post Hole In Rock (31 23 16 16-0001)		
31 23 16 16-0016	CF		Jackhammer Post Hole, Rock	69.20	
31 23 16 16-0017	CF		Rock Drill Post Hole, Rock	19.84	
31 23 16 16-0018			Post Hole Fill (31 23 16 16-0001)		
31 23 16 16-0019			Concrete Fill (31 23 16 16-0018)		
31 23 16 16-0020	VLF		Concrete Fill, Up To 2-1/2" Diameter Hole	5.33	
31 23 16 16-0021	VLF		Concrete Fill, 2-1/2" Diameter Hole	6.86	
31 23 16 16-0022	VLF		Concrete Fill, 3" Diameter Hole	7.53	
31 23 16 16-0023	VLF		Concrete Fill, 4" Diameter Hole	8.63	
31 23 16 16-0024	VLF		Concrete Fill, 6" Diameter Hole	12.14	
31 23 16 16-0025	VLF		Concrete Fill, 8" Diameter Hole	16.21	
31 23 16 16-0026	VLF		Concrete Fill, 10" Diameter Hole	19.82	
31 23 16 16-0027	VLF		Concrete Fill, 12" Diameter Hole	23.09	
31 23 16 16-0028	VLF		Concrete Fill, 18" Diameter Hole	31.36	
31 23 16 16-0029	VLF		Concrete Fill, 24" Diameter Hole	38.83	
31 23 16 16-0030	VLF		Concrete Fill, 30" Diameter Hole	46.08	
31 23 16 16-0031	VLF		Concrete Fill, 36" Diameter Hole	53.62	
31 23 16 16-0032			Grout Fill (31 23 16 16-0018)		
31 23 16 16-0033	VLF		Grout Fill, Up To 2-1/2" Diameter Hole	6.35	
31 23 16 16-0034	VLF		Grout Fill, 2-1/2" Diameter Hole	8.17	
31 23 16 16-0035	VLF		Grout Fill, 3" Diameter Hole	8.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 16-0036 VLF Grout Fill, 4" Diameter Hole.....	9.96	
31 23 16 16-0037 VLF Grout Fill, 6" Diameter Hole.....	13.90	
31 23 16 16-0038 VLF Grout Fill, 8" Diameter Hole.....	18.54	
31 23 16 16-0039 VLF Grout Fill, 10" Diameter Hole.....	22.59	
31 23 16 16-0040 VLF Grout Fill, 12" Diameter Hole.....	26.20	
31 23 16 16-0041 VLF Grout Fill, 18" Diameter Hole.....	34.93	
31 23 16 16-0042 VLF Grout Fill, 24" Diameter Hole.....	42.58	
31 23 16 16-0043 VLF Grout Fill, 30" Diameter Hole.....	49.97	
31 23 16 16-0044 VLF Grout Fill, 36" Diameter Hole.....	57.53	
31 23 16 16-0045 Earth Fill, Compacted <small>(31 23 16 16-0018)</small>		
31 23 16 16-0046 VLF Earth Fill, Up To 2-1/2" Diameter Hole.....	4.57	
31 23 16 16-0047 VLF Earth Fill, 2-1/2" Diameter Hole.....	5.95	
31 23 16 16-0048 VLF Earth Fill, 3" Diameter Hole.....	6.22	
31 23 16 16-0049 VLF Earth Fill, 4" Diameter Hole.....	6.40	
31 23 16 16-0050 VLF Earth Fill, 6" Diameter Hole.....	8.56	
31 23 16 16-0051 VLF Earth Fill, 8" Diameter Hole.....	11.41	
31 23 16 16-0052 VLF Earth Fill, 10" Diameter Hole.....	13.70	
31 23 16 16-0053 VLF Earth Fill, 12" Diameter Hole.....	15.53	
31 23 16 16-0054 VLF Earth Fill, 18" Diameter Hole.....	18.92	
31 23 16 16-0055 VLF Earth Fill, 24" Diameter Hole.....	21.24	
31 23 16 16-0056 VLF Earth Fill, 30" Diameter Hole.....	23.29	
31 23 16 16-0057 VLF Earth Fill, 36" Diameter Hole.....	25.11	
31 23 16 26 Rock Removal <small>(31 23 16)</small>		
31 23 16 26-0001 Rock Breaking By Machine <small>(31 23 16 26)</small>		
<i>Note: Excludes excavation of broken-up rock.</i>		
31 23 16 26-0002 CY Rock Breaking By Machine, Soft Sedimentary Rocks (Shale, Sandstone, Limestone).....	28.54	
31 23 16 26-0003 CY Rock Breaking By Machine, Medium Metamorphic Rock (Slate).....	30.44	
31 23 16 26-0004 CY Rock Breaking By Machine, Hard Igneous Rock (Granite, Basalt).....	36.15	
31 23 16 33 Bulk Excavation <small>(31 23 16)</small>		
<i>Note: For excavations where the total quantity for a project is greater than 500 cubic yards. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 36-0000 for For less than 500 CY excavation.</i>		
31 23 16 33-0001 Excavation <small>(31 23 16 33)</small>		
<i>Note: For bulk excavation. Includes stockpiling excavated materials within 100' of point of excavation.</i>		
31 23 16 33-0002 CY Bulk Excavation by Dozer in Soil.....	10.35	
<i>For Excavation In Light Material (Class A), Deduct</i>		
	-1.29	
<i>For Excavation In Heavy/Wet Material (Class C), Add</i>		
	4.14	
<i>For >1,000, Deduct</i>		
	-1.55	
31 23 16 33-0003 CY Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Soil.....	5.83	
<i>For Excavation In Light Material (Class A), Deduct</i>		
	-0.73	
<i>For Excavation In Heavy/Wet Material (Class C), Add</i>		
	2.33	
<i>For >1,000, Deduct</i>		
	-0.87	
31 23 16 33-0004 CY Bulk Excavation by Dozer in Loose Rock.....	12.74	
<i>Note: Includes compacted aggregate</i>		
<i>For >1,000, Deduct</i>		
	-1.91	
31 23 16 33-0005 CY Bulk Excavation by Hydraulic Excavator, Front End Loader, Backhoe in Loose Rock.....	7.18	
<i>Note: Includes compacted aggregate</i>		
<i>For >1,000, Deduct</i>		
	-1.08	
31 23 16 33-0006 Spreading, Shaping And Rough Grading <small>(31 23 16 33)</small>		
<i>Note: Imported or stockpiled material for bulk excavation.</i>		
31 23 16 33-0007 CY Spreading, Shaping, and Rough Grading Imported or Stockpiled Material for Bulk Excavation by Machine.....	6.39	
<i>For >1,000, Deduct</i>		
	-0.96	
31 23 16 33-0008 Cutting, Shaping and Rough Grading Of Existing Elevations <small>(31 23 16 33)</small>		
<i>Note: For bulk excavation.</i>		
31 23 16 33-0009 CY Cutting, Shaping and Rough Grading Existing Elevations For Bulk Excavation by Machine.....	7.10	
<i>For >1,000, Deduct</i>		
	-1.07	
31 23 16 33-0010 Relocating On Site Excavated Material From Excavation <small>(31 23 16 33)</small>		
<i>Note: For bulk excavation.</i>		
31 23 16 33-0011 CY Relocating On Site Excavated Material From Bulk Excavation >100' to 300'.....	5.69	
<i>For >1,000, Deduct</i>		
	-0.85	
31 23 16 33-0012 CY Relocating On Site Excavated Material From Bulk Excavation >300' to 500'.....	8.53	
<i>For >1,000, Deduct</i>		
	-1.28	
31 23 16 33-0013 CY Relocating On Site Excavated Material From Bulk Excavation >500' To 1,000'.....	12.79	
<i>For >1,000, Deduct</i>		
	-1.92	
31 23 16 33-0014 CY Relocating On Site Excavated Material From Bulk Excavation >1,000'.....	17.05	
<i>For >1,000, Deduct</i>		
	-2.56	
31 23 16 33-0015 Finish Grading <small>(31 23 16 33)</small>		
<i>Note: For bulk excavation.</i>		
31 23 16 33-0016 SY Finish Grading for Bulk Excavation by Machine.....	0.71	

31	31	Earthwork
	31 20	Earth Moving
	31 23	Excavation and Fill



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 33-0017 Compaction Of Fill Or Subbase, Per Lift <small>(31 23 16 33)</small> Note: For bulk excavation.		
31 23 16 33-0018 SY Compaction of Fill or Subbase for Bulk Excavation by Machine Note: Per Lift	0.71	
31 23 16 33-0019 Loading Excess Material For Removal From Excavation <small>(31 23 16 33)</small> Note: For bulk excavation. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0045 for hauling.		
31 23 16 33-0020 CY Loading Excess Material For Removal From Bulk Excavation..... <i>For >1,000, Deduct</i>	5.89 -0.88	
31 23 16 36 Excavation for Building Foundations and Other Structures <small>(31 23 16)</small> Note: Use of a Bobcat is limited to access restricted areas and by owner's approval. See CSI section 31 05 16 00-0000 for imported material, 31 23 16 33-0000 for bulk excavation operations over 500 CY.		
31 23 16 36-0001 Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures by machine. Includes stockpiling of excess materials on ground in reach of excavated area.		
31 23 16 36-0002 Excavation For Building Foundations And Other Structures By Skid-Steer Loader <small>(31 23 16 36-0001)</small>		
31 23 16 36-0003 CY Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Soil <i>For Excavation In Light Material (Class A), Deduct</i> <i>For Excavation In Heavy/Wet Material (Class C), Add</i> <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	9.26 -1.16 3.70 9.26 6.95 3.70 1.39	
31 23 16 36-0004 CY Excavation For Building Foundations And Other Structures By Skid-Steer Loader In Loose Rock Note: Includes compacted aggregate <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	11.51 11.51 8.63 4.60 1.73	
31 23 16 36-0005 Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader <small>(31 23 16 36-0001)</small>		
31 23 16 36-0006 CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Soil <i>For Excavation In Light Material (Class A), Deduct</i> <i>For Excavation In Heavy/Wet Material (Class C), Add</i> <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	7.01 -0.88 2.80 7.01 5.26 2.80 1.05	
31 23 16 36-0007 CY Excavation For Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader in Loose Rock Note: Includes compacted aggregate <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	8.34 8.34 6.26 3.34 1.25	
31 23 16 36-0008 Excavation For Building Foundations And Other Structures By Hand <small>(31 23 16 36-0001)</small> Note: For areas not accessible by machine and only with owner's approval.		
31 23 16 36-0009 CY Excavation For Building Foundations And Other Structures By Hand in Soil..... <i>For Excavation In Light Material (Class A), Deduct</i> <i>For Excavation In Heavy/Wet Material (Class C), Add</i>	123.28 -15.41 49.31	
31 23 16 36-0010 CY Excavation For Building Foundations And Other Structures By Hand in Loose Rock..... Note: Includes compacted aggregate	211.47	
31 23 16 36-0011 Relocating On Site Excavated Stockpiled Material From Excavation <small>(31 23 16 36)</small> Note: For building foundations and other structures.		
31 23 16 36-0012 CY Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >100' to 300' <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	5.69 5.69 4.27 2.28 0.85	
31 23 16 36-0013 CY Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >300' to 500' <i>For Up To 20, Add</i> <i>For >20 To 50, Add</i> <i>For >50 To 250, Add</i> <i>For >250 To 500, Add</i>	8.53 8.53 6.40 3.41 1.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 16 36-0014 CY Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >500' to 1,000'	12.79	
For Up To 20, Add	12.79	
For >20 To 50, Add	9.59	
For >50 To 250, Add	5.12	
For >250 To 500, Add	1.92	
31 23 16 36-0015 CY Relocating On Site Excavated Stockpiled Material With Dozer From Excavation For Building Foundations and Other Structures >1,000'	17.05	
For Up To 20, Add	17.05	
For >20 To 50, Add	12.79	
For >50 To 250, Add	6.82	
For >250 To 500, Add	2.56	
31 23 16 36-0016 Backfilling <small>(31 23 16 36)</small>		
Note: For building foundations and other structures with imported or stockpiled materials. Includes rough grading each backfill lift.		
31 23 16 36-0017 CY Backfilling Around Building Foundations And Other Structures By Skid-Steer Loader	4.56	
For Up To 20, Add	4.56	
For >20 To 50, Add	3.42	
For >50 To 250, Add	1.82	
For >250 To 500, Add	0.68	
31 23 16 36-0018 CY Backfilling Around Building Foundations And Other Structures By Hydraulic Excavator, Backhoe, Loader	5.42	
For Up To 20, Add	5.42	
For >20 To 50, Add	4.07	
For >50 To 250, Add	2.17	
For >250 To 500, Add	0.81	
31 23 16 36-0019 CY Backfilling Around Building Foundations And Other Structures By Hand	58.71	
31 23 16 36-0020 Compaction Of Fill Or Subbase <small>(31 23 16 36)</small>		
Note: For building foundations and other structures.		
31 23 16 36-0021 CY Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Vibratory Plate, Air Tamper, Etcetera	11.36	
For Up To 20, Add	11.36	
For >20 To 50, Add	8.52	
For >50 To 250, Add	4.54	
For >250 To 500, Add	1.70	
31 23 16 36-0022 CY Compaction Of Fill Or Subbase For Building Foundations and Other Structures by Hand	38.62	
31 23 16 36-0023 Grading <small>(31 23 16 36)</small>		
Note: For building foundations and other structures.		
31 23 16 36-0024 SY Rough Grading For Building Foundations And Other Structures by Machine	1.23	
31 23 16 36-0025 SY Finish Grading For Building Foundations And Other Structures by Machine	1.98	
31 23 16 36-0026 SY Finish Grading For Building Foundations And Other Structures by Hand	11.41	
31 23 16 36-0027 Loading Excess Material For Removal From Excavation <small>(31 23 16 36)</small>		
Note: For building foundations and other structures. Includes hand work by laborer for clean-up. Not to be used when excavated material can be loaded directly into truck instead of stock-piling. See CSI section 01 74 19 00-0045 for hauling.		
31 23 16 36-0028 CY Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Machine	6.13	
For Up To 20, Add	6.13	
For >20 To 50, Add	4.60	
For >50 To 250, Add	2.45	
For >250 To 500, Add	0.92	
31 23 16 36-0029 CY Load Excess Material For Removal From Excavation For Building Foundations and Other Structures by Hand	90.40	
31 23 16 36-0030 Spread Material <small>(31 23 16 36)</small>		
Note: For building foundations and other structures.		
31 23 16 36-0031 CY Spread Excess Or Imported Material On Site By Machine	3.31	
For Up To 20, Add	3.31	
For >20 To 50, Add	2.48	
For >50 To 250, Add	1.32	
For >250 To 500, Add	0.50	
31 23 16 36-0032 CY Spread Excess Or Imported Material On Site By Hand	49.88	
31 23 19 Dewatering <small>(31 23)</small>		
31 23 19 00-0001 Well Point Dewatering System <small>(31 23 19)</small>		
31 23 19 00-0002 Delivery, Installation And Removal Cost <small>(31 23 19 00-0001)</small>		
Note: Priced by linear foot of header used.		
31 23 19 00-0003 LF Up To 100' In Length Well Point System Delivery, Installation And Removal	127.85	
31 23 19 00-0004 LF >100' To 250' In Length Well Point System Delivery, Installation And Removal	70.32	
31 23 19 00-0005 LF >250' To 500' In Length Well Point System Delivery, Installation And Removal	63.92	
31 23 19 00-0006 LF >250' To 500' In Length Well Point System Delivery, Installation And Removal	57.53	
31 23 19 00-0007 LF >500' To 1,000' In Length Well Point System Delivery, Installation And Removal	51.14	
31 23 19 00-0008 LF >1,000' In Length Well Point System Delivery, Installation And Removal	44.75	

31	31	Earthwork
	31 20	Earth Moving
	31 23	Excavation and Fill

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 23 19 00-0009				Well Point Dewatering System Rental <small>(31 23 19 00-0001)</small> Note: Includes all necessary equipment for a well point system (well point with risers, pump, valves, header pipe, discharge pipe, etc.). Use normal adjustment factor only for rental tasks and modifiers. Unit of measure and modifier quantities are based on linear feet of header per day (ex. 200 ft of header for four days - quantity should be 200x4 or 800 ft). Rental days include weekends, when appropriate, regardless if the system is operational during that time. Use weekly modifier for system use of five days to less than a month. Use monthly modifier for system use of one month or greater. See CSI section 31 23 19 00-0002 for installation, 31 23 19 00-0015 for operational costs.		
31 23 19 00-0010		LFD		Up To 100' In Length Well Point System Rental (LF x Days = Quantity)	4.68	
				<i>For >5 Days And <1 Month, Deduct</i>	-1.03	
				<i>For >1 Month, Deduct</i>	-1.31	
31 23 19 00-0011		LFD		>100' To 250' In Length Well Point System Rental (LF x Days = Quantity)	2.73	
				<i>For >5 Days And <1 Month, Deduct</i>	-0.60	
				<i>For >1 Month, Deduct</i>	-0.76	
31 23 19 00-0012		LFD		>250' To 500' In Length Well Point System Rental (LF x Days = Quantity)	1.95	
				<i>For >5 Days And <1 Month, Deduct</i>	-0.43	
				<i>For >1 Month, Deduct</i>	-0.55	
31 23 19 00-0013		LFD		>500' To 1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.43	
				<i>For >5 Days And <1 Month, Deduct</i>	-0.31	
				<i>For >1 Month, Deduct</i>	-0.40	
31 23 19 00-0014		LFD		>1,000' In Length Well Point System Rental (LF x Days = Quantity)	1.30	
				<i>For >5 Days And <1 Month, Deduct</i>	-0.29	
				<i>For >1 Month, Deduct</i>	-0.36	
31 23 19 00-0015				Well Point Dewatering System Operation Costs <small>(31 23 19 00-0001)</small> Note: The quantity for operation shall be the total number of hours the well point system is operational.		
31 23 19 00-0016		HR		Operation Costs	108.69	
31 23 23				Fill <small>(31 23)</small>		
31 23 23 23				Compaction <small>(31 23 23)</small>		
31 23 23 23-0001				Compaction Water, Water Truck And Operator <small>(31 23 23 23)</small>		
31 23 23 23-0002		MGL		Compaction Water, Water Truck And Operator	268.16	
				Note: Use this task in situations where earth fill, base material, etc. requires additional moisture to comply with the compaction specification. Includes delivery up to 15 miles. (Per each 1,000 gallons of water)		
31 23 23 33				Flowable Fill <small>(31 23 23)</small>		
31 23 23 33-0001				Flowable Fill (Fly Ash) Cement Backfill For Trenches <small>(31 23 23 33)</small> Note: Includes compaction and restoration of final grade.		
31 23 23 33-0002		CY		Flowable Fill (Fly Ash) Cement Backfill for Trenches	138.31	
				<i>For Up To 20, Add</i>	56.06	
				<i>For >20 To 50, Add</i>	36.40	
				<i>For >50 To 250, Add</i>	18.20	
				<i>For >500 To 1,000, Deduct</i>	-9.83	
				<i>For >1,000, Deduct</i>	-19.66	
31 24				Embankments <small>(31 20)</small>		
31 24 13				Roadway Embankments <small>(31 24)</small>		
31 24 13 00-0001				Roadway, Parking Areas, Landscaping And Embankment Excavation And Shaping Operations <small>(31 24 13)</small> Note: Use this section for excavation and shaping operations even if the total quantity for the project exceeds 500 CY.		
31 24 13 00-0002				Cutting, Shaping And Rough Grading <small>(31 24 13 00-0001)</small> Note: For roadways, parking areas, landscaping, and embankments. Includes loading or stockpiling excess materials within 300' of initial cut.		
31 24 13 00-0003				Cutting, Shaping, And Rough Grading <small>(31 24 13 00-0002)</small>		
31 24 13 00-0004		CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Soil	7.10	
				<i>For Up To 20, Add</i>	7.10	
				<i>For >20 To 50, Add</i>	5.33	
				<i>For >50 To 250, Add</i>	2.84	
				<i>For >250 To 500, Add</i>	1.07	
				<i>For >1,000, Deduct</i>	-1.07	
31 24 13 00-0005		CY		Cut, Shape, and Rough Grading for Roadways, Parking Areas, Landscaping and Embankments by Machine in Loose Rock	8.81	
				Note: Includes compacted aggregate		
				<i>For Up To 20, Add</i>	8.81	
				<i>For >20 To 50, Add</i>	6.61	
				<i>For >50 To 250, Add</i>	3.52	
				<i>For >250 To 500, Add</i>	1.32	
				<i>For >1,000, Deduct</i>	-1.32	
31 24 13 00-0006				Cutting, Shaping, And Rough Grading By Hand <small>(31 24 13 00-0002)</small>		
31 24 13 00-0007		SY		Shape Embankment/Slope By Hand Up To 1 On 4 Slope	6.32	
31 24 13 00-0008		SY		Shape Embankment/Slope By Hand Greater Than 1 On 4 Slope	8.22	

Earthwork	31	13
Earth Moving	31 20	
Embankments	31 24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 24 13 00-0009	Scarify Soil <small>(31 24 13 00-0001)</small>	
	Note: For roadways, parking areas, landscaping and embankments by machine.	
31 24 13 00-0010	CSF Scarify Soil For Roadways, Parking Areas, Landscaping And Embankments By Machine	6.58
	For Up To 20, Add	3.29
	For >20 To 50, Add	1.65
	For >250 To 500, Deduct	-0.66
	For >500, Deduct	-1.32

31 24 13 00-0011	Relocating On Site Excavated Material <small>(31 24 13 00-0001)</small>	
31 24 13 00-0012	CY >500' To 1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	12.79
	For Up To 20, Add	12.79
	For >20 To 50, Add	9.59
	For >50 To 250, Add	5.12
	For >250 To 500, Add	1.92
	For >1,000, Deduct	-1.92
31 24 13 00-0013	CY >1,000', Relocating On Site Excavated Material For Roadways, Parking Areas, Landscaping And Embankments By Machine	17.05
	For Up To 20, Add	17.05
	For >20 To 50, Add	12.79
	For >50 To 250, Add	6.82
	For >250 To 500, Add	2.56
	For >1,000, Deduct	-2.56

31 24 13 00-0014	Spread And Shape Imported Or Stockpiled Material <small>(31 24 13 00-0001)</small>	
	Note: For roadways, parking areas, landscaping and embankments. See CSI section 31 23 16 36-0032 for spreading material by hand.	
31 24 13 00-0015	CY Spread And Shape Imported Or Stockpiled Material For Roadways, Parking Areas, Landscaping and Embankments By Machine	7.81
	For Up To 20, Add	7.81
	For >20 To 50, Add	5.86
	For >50 To 250, Add	3.12
	For >250 To 500, Add	1.17
	For >1,000, Deduct	-1.17

31 24 13 00-0016	Grading <small>(31 24 13 00-0001)</small>	
	Note: For roadways, parking areas, landscaping and embankments by machine.	
31 24 13 00-0017	SY Rough Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	0.78
31 24 13 00-0018	SY Finish Grade Roadway, Parking Areas, Landscaping And Embankments By Machine	1.04
31 24 13 00-0019	LF Finish Grade For Curb	1.17
31 24 13 00-0020	LF Finish Grade For Curb And Gutter	1.43

31 24 13 00-0021	Roadway Fine Grade <small>(31 24 13 00-0001)</small>	
31 24 13 00-0022	SF Up To 2,500 SF, Fine Grade From + Or - 0.25"	0.77
31 24 13 00-0023	SF >2,500 - 10,000 SF, Fine Grade From + Or - 0.25"	0.57
31 24 13 00-0024	SF >10,000 - 20,000 SF, Fine Grade From + Or - 0.25"	0.51
31 24 13 00-0025	SF Up To 2,500 SF, Fine Grade From + Or - 0.50"	1.05
31 24 13 00-0026	SF >2,500 - 10,000 SF, Fine Grade From + Or - 0.50"	0.77
31 24 13 00-0027	SF >10,000 - 20,000 SF, Fine Grade From + Or - 0.50"	0.60

31 24 13 00-0028	Compaction Of Fill Or Subbase <small>(31 24 13 00-0001)</small>	
	Note: For roadways, parking areas, landscaping and embankments by machine, per lift.	
31 24 13 00-0029	SY Compaction Of Fill Or Subbase For Roadways, Parking Areas, Landscaping And Embankments By Machine Per Lift	0.71
	For Up To 250, Add	0.71
	For >250 To 500, Add	0.53
	For >500 To 1,000, Add	0.28
	For >5,000, Deduct	-0.11

31 24 13 00-0030	Loading Excess Material For Removal From Excavation <small>(31 24 13 00-0001)</small>	
	Note: For roadways, parking areas, landscaping and embankments by machine. Includes hand work by laborer for clean-up.	
31 24 13 00-0031	CY Load Excess Material For Removal For Roadways, Parking Areas, Landscaping and Embankments by Machine	5.89
	For Up To 20, Add	5.89
	For >20 To 50, Add	4.42
	For >50 To 250, Add	2.36
	For >250 To 500, Add	0.88
	For >1,000, Deduct	-0.88

31 25 Erosion and Sedimentation Controls (31 20)

31 25 14 Stabilization Measures for Erosion and Sedimentation Control (31 25)

31 25 14 13 Hydraulically-Applied Erosion Control (31 25 14)

31 25 14 13-0001 Bonded Fiber Matrix (31 25 14 13)

31	31	Earthwork
	31 20	Earth Moving
	31 25	Erosion and Sedimentation Controls



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 13-0002 MSF Up To 25,000 SF Bonded Fiber Matrix, Hydraulically Applied	60.13	
31 25 14 13-0003 MSF >25,000 To 50,000 SF Bonded Fiber Matrix, Hydraulically Applied	55.30	
31 25 14 13-0004 MSF >50,000 To 100,000 SF Bonded Fiber Matrix, Hydraulically Applied	51.21	
31 25 14 13-0005 MSF >100,000 Bonded Fiber Matrix, Hydraulically Applied	48.88	
31 25 14 16 Rolled Erosion Control Mats and Blankets (31 25 14)		
Note: Includes all staples and stakes for erosion control blankets and turf reinforcement mats.		
31 25 14 16-0001 Erosion Control Blankets And Turf Reinforcement Mats (31 25 14 16)		
31 25 14 16-0002 Erosion Control Blankets, Short Term, Light Duty (31 25 14 16-0001)		
31 25 14 16-0003 SY S75 Single Net Erosion Control Blanket	3.01	
Note: Straw matrix with degradable thread to a single standard photodegradable polypropylene netting as manufactured by North American Green.		
31 25 14 16-0004 SY S75BN Single Net Erosion Control Blanket	3.91	
Note: Straw Matrix with Biodegradable Thread to a Single Natural Fiber Netting as manufactured by North American Green.		
31 25 14 16-0005 SY Curlex 1, Single Net Erosion Control Blanket	2.85	
Note: As manufactured by American Excelsior		
31 25 14 16-0006 SY Curlex 1, Single Net Erosion Control Blanket	3.01	
Note: As manufactured by American Green.		
31 25 14 16-0007 SY Futerra Erosion Control Blanket, Wood Fibers With Biodegradable Netting	2.66	
31 25 14 16-0008 Erosion Control Blankets, Intermediate Duration (31 25 14 16-0001)		
31 25 14 16-0009 SY S150 Double Net Erosion Control Blanket	3.90	
Note: Straw matrix with degradable thread to a double standard photodegradable polypropylene netting as manufactured by North American Green.		
31 25 14 16-0010 SY S150 BN Double Net Erosion Control Blanket	5.31	
Note: Straw matrix with biodegradable thread to a double natural fiber netting as manufactured by North American Green.		
31 25 14 16-0011 SY Curlex II, Double Net Erosion Control Blanket, Natural	3.23	
Note: As manufactured by American Excelsior.		
31 25 14 16-0012 SY Curlex II, Double Net Erosion Control Blanket, Green	3.39	
Note: As manufactured by American Excelsior.		
31 25 14 16-0013 SY Enforcer Double Net Erosion Control Blanket	3.62	
Note: As manufactured by American Excelsior.		
31 25 14 16-0014 Turf Reinforcement Mats (TRM) (31 25 14 16-0001)		
Note: Permanent, UV stabilized.		
31 25 14 16-0015 SY P300 Permanent Polypropylene Turf Reinforcement Mat	14.00	
Note: 100% synthetic, UV stabilized, two layer netting.		
31 25 14 16-0016 SY C350 Permanent Turf Reinforcement Mat	12.86	
Note: 100% synthetic, UV stabilized netting incorporating natural coconut fibers as manufactured by North American Green.		
31 25 14 16-0017 SY Recyclex TRM, Permanent Turf Reinforcement Mat	16.21	
Note: As manufactured by American Excelsior, 100% recycled		
31 25 14 16-0018 Jute Mesh Erosion Control Blankets (31 25 14 16-0001)		
31 25 14 16-0019 SY Jute Mesh, Open Uniform Weave	5.50	
31 25 14 16-0020 Revegetation Mat (31 25 14 16-0001)		
31 25 14 16-0021 SY 3-Dimensional Webbed Revegetation Mat, Polyolefin Fiber	11.08	
Note: Polyolefin fibers oriented and mechanically bonded between two nets. Landlok TRM 450 or equal.		
31 25 14 16-0022 SY Webbed Revegetation Mat, Polypropylene Fiber	15.88	
Note: Polypropylene fibers positioned between two high strength biaxially oriented nets and mechanically held together by parallel stitching with polypropylene thread. Landlok TRM 1060 or equal.		
31 25 14 23 Stabilization Measures for Erosion Control (31 25 14)		
See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.		
31 25 14 23-0001 Sand Bags (31 25 14 23)		
Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0002 BAG 50 LB Capacity Sand Bag With Sand	6.29	2.60
For >2,500 To 5,000, Deduct		
	-0.52	
For >5,000, Deduct		
	-1.15	
31 25 14 23-0003 BAG 75 LB Capacity Sand Bag With Sand	8.14	3.23
For >2,500 To 5,000, Deduct		
	-0.65	
For >5,000, Deduct		
	-1.46	
31 25 14 23-0004 BAG 100 LB Capacity Sand Bag With Sand	10.31	3.86
For >2,500 To 5,000, Deduct		
	-0.77	
For >5,000, Deduct		
	-1.80	
31 25 14 23-0005 BAG 125 LB Capacity Sand Bag With Sand	12.67	4.83
For >2,500 To 5,000, Deduct		
	-0.97	
For >5,000, Deduct		
	-2.23	
31 25 14 23-0006 BAG 150 LB Capacity Sand Bag With Sand	15.43	5.78
For >2,500 To 5,000, Deduct		
	-1.16	
For >5,000, Deduct		
	-2.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 23-0007 BAG 175 LB Capacity Sand Bag With Sand	18.03	6.58
<i>For >2,500 To 5,000, Deduct</i>	-1.32	
<i>For >5,000, Deduct</i>	-3.12	
31 25 14 23-0008 BAG 2,000 LB Capacity Sand Bag With Sand	151.24	46.93
<i>For >2,500 To 5,000, Deduct</i>	-8.91	
<i>For >5,000, Deduct</i>	-24.04	
31 25 14 23-0009 BAG 3,000 LB Capacity Sand Bag With Sand	196.28	51.63
<i>For >2,500 To 5,000, Deduct</i>	-9.80	
<i>For >5,000, Deduct</i>	-29.43	
31 25 14 23-0010 Gravel Bags <small>(31 25 14 23)</small>		
Note: Bags filled on site with delivered material. Includes material and placement of bags.		
31 25 14 23-0011 BAG 30 LB Capacity Gravel Bag With Gravel	5.55	1.73
<i>For >2,500 To 5,000, Deduct</i>	-0.34	
<i>For >5,000, Deduct</i>	-0.90	
31 25 14 23-0012 BAG 50 LB Capacity Gravel Bag With Gravel	10.21	2.60
<i>For >2,500 To 5,000, Deduct</i>	-0.52	
<i>For >5,000, Deduct</i>	-1.54	
31 25 14 23-0013 Floating Turbidity Curtain <small>(31 25 14 23)</small>		
Note: Type 2 DOT fabric - 18 oz. nominal laminated vinyl/polyester. EPS flotation, 6 in. x 6 in., 13.5 lb./ft. buoyancy in fresh water and 14.4 lb./ft buoyancy in saltwater.		
31 25 14 23-0014 LF 3' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	26.78	
<i>For Type 1, Deduct</i>	-4.23	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-2.58	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	3.13	
31 25 14 23-0015 LF 4' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	29.05	
<i>For Type 1, Deduct</i>	-4.66	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-2.84	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	3.44	
31 25 14 23-0016 LF 5' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	32.19	
<i>For Type 1, Deduct</i>	-5.28	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-3.21	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	3.90	
31 25 14 23-0017 LF 6' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	34.86	
<i>For Type 1, Deduct</i>	-5.79	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-3.52	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	4.28	
31 25 14 23-0018 LF 7' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	36.57	
<i>For Type 1, Deduct</i>	-6.07	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-3.69	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	4.49	
31 25 14 23-0019 LF 8' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	38.31	
<i>For Type 1, Deduct</i>	-6.35	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-3.87	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	4.70	
31 25 14 23-0020 LF 9' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	40.31	
<i>For Type 1, Deduct</i>	-6.69	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-4.07	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	4.95	
31 25 14 23-0021 LF 10' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	43.09	
<i>For Type 1, Deduct</i>	-7.20	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-4.38	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	5.32	
31 25 14 23-0022 LF 12' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	45.27	
<i>For Type 1, Deduct</i>	-7.57	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-4.61	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	5.59	
31 25 14 23-0023 LF 13' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	48.22	
<i>For Type 1, Deduct</i>	-8.10	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-4.93	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	5.99	
31 25 14 23-0024 LF 14' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	50.96	
<i>For Type 1, Deduct</i>	-8.58	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-5.22	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	6.34	
31 25 14 23-0025 LF 15' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	53.61	
<i>For Type 1, Deduct</i>	-9.03	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-5.50	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	6.68	
31 25 14 23-0026 LF 16' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	58.37	
<i>For Type 1, Deduct</i>	-9.97	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-6.07	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	7.37	
31 25 14 23-0027 LF 17' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	61.22	
<i>For Type 1, Deduct</i>	-10.45	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-6.36	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	7.72	
31 25 14 23-0028 LF 18' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	63.97	
<i>For Type 1, Deduct</i>	-10.90	
<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-6.63	
<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	8.05	

31 Earthwork**31 20 Earth Moving****31 25 Erosion and Sedimentation Controls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	31 25 14 23-0029	LF	19' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	66.89	
			<i>For Type 1, Deduct</i>	-11.38	
			<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-6.93	
			<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	8.41	
	31 25 14 23-0030	LF	20' High, 18 Oz PVC Coated Polyester, Type 2 DOT Turbidity Curtain.....	69.71	
			<i>For Type 1, Deduct</i>	-11.83	
			<i>For 13 Oz PVC Fabric, Type 2, Deduct</i>	-7.20	
			<i>For 22 Oz PVC Fabric, Type 2 Heavy Duty, Add</i>	8.74	
31 25 14 23-0031			Turbidity Curtain Anchors <small>(31 25 14 23)</small>		
	31 25 14 23-0032	EA	14 LB, Turbidity Curtain Anchor System.....	730.94	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
	31 25 14 23-0033	EA	25 LB, Turbidity Curtain Anchor System.....	1,003.22	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
	31 25 14 23-0034	EA	40 LB, Turbidity Curtain Anchor System.....	1,276.67	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
	31 25 14 23-0035	EA	65 LB, Turbidity Curtain Anchor System.....	1,670.60	
			Note: Includes anchor, anchor chain, and marker buoy and rope.		
31 25 14 23-0036			Filter Bags <small>(31 25 14 23)</small>		
31 25 14 23-0037			Non-Woven Filter Bags <small>(31 25 14 23-0036)</small>		
	31 25 14 23-0038	EA	6' x 15' Non-Woven Filter Bag	242.91	
	31 25 14 23-0039	EA	13' x 15' Non-Woven Filter Bag	351.67	
	31 25 14 23-0040	EA	15' x 15' Non-Woven Filter Bag	404.12	
31 25 14 23-0041			Monofilament Filter Bags <small>(31 25 14 23-0036)</small>		
	31 25 14 23-0042	EA	5' x 15' Monofilament Filter Bag	252.62	
	31 25 14 23-0043	EA	10' x 15' Monofilament Filter Bag	349.97	
31 25 14 23-0044			Cable Articulating Concrete Block <small>(31 25 14 23)</small>		
			Note: 4000 PSI Compressive strength, 12 LB/CF maximum absorption. Interlocking block with longitudinal revetment cable. Includes anchoring block to 12" x 12" x 6" concrete pier every 5' with anchor and filling cells with stockpiled material. Excludes site preparation and imported materials.		
	31 25 14 23-0045	SF	4.75" Open Cell Articulated Concrete Block With Earth Backfill.....	35.85	
			<i>For Up To 500, Add</i>	8.22	
			<i>For >500 To 1,000, Add</i>	4.64	
	31 25 14 23-0046	SF	6" Open Cell Articulated Concrete Block With Earth Backfill	40.72	
			<i>For Up To 500, Add</i>	9.29	
			<i>For >500 To 1,000, Add</i>	5.22	
	31 25 14 23-0047	SF	7.5" Open Cell Articulated Concrete Block With Earth Backfill.....	46.31	
			<i>For Up To 500, Add</i>	10.53	
			<i>For >500 To 1,000, Add</i>	5.90	
	31 25 14 23-0048	SF	9" Open Cell Articulated Concrete Block With Earth Backfill	52.10	
			<i>For Up To 500, Add</i>	11.83	
			<i>For >500 To 1,000, Add</i>	6.62	
	31 25 14 23-0049	SF	4.75" Closed Cell Articulated Concrete Block	38.07	
			<i>For Up To 500, Add</i>	8.67	
			<i>For >500 To 1,000, Add</i>	4.86	
	31 25 14 23-0050	SF	6" Closed Cell Articulated Concrete Block	43.38	
			<i>For Up To 500, Add</i>	9.83	
			<i>For >500 To 1,000, Add</i>	5.49	
	31 25 14 23-0051	SF	7.5" Closed Cell Articulated Concrete Block	49.46	
			<i>For Up To 500, Add</i>	11.16	
			<i>For >500 To 1,000, Add</i>	6.21	
	31 25 14 23-0052	SF	9" Closed Cell Articulated Concrete Block	55.71	
			<i>For Up To 500, Add</i>	12.55	
			<i>For >500 To 1,000, Add</i>	6.98	
31 25 14 26			Stabilization Measures for Sedimentation Control <small>(31 25 14)</small>		
31 25 14 26-0001			Silt Fences And Dike Barriers <small>(31 25 14 26)</small>		
			Note: Includes stakes and embedding.		
31 25 14 26-0002			Silt Fences 2' High <small>(31 25 14 26-0001)</small>		
			See CSI section 31 25 14 26-0014 for removal of silt fence.		
	31 25 14 26-0003	LF	2' High Silt Fence with Stakes at 4' On Center	4.14	
	31 25 14 26-0004	LF	2' High Silt Fence with Stakes at 6' On Center	3.33	
	31 25 14 26-0005	LF	2' High Silt Fence with Stakes at 8' On Center	2.48	
	31 25 14 26-0006	LF	2' High Silt Fence with Stakes at 10' On Center	2.25	
31 25 14 26-0007			Silt Fences 3' High <small>(31 25 14 26-0001)</small>		
			See CSI section 31 25 14 26-0014 for removal of silt fence.		
	31 25 14 26-0008	LF	3' High Silt Fence with Stakes at 4' On Center	4.37	
	31 25 14 26-0009	LF	3' High Silt Fence with Stakes at 6' On Center	3.77	
	31 25 14 26-0010	LF	3' High Silt Fence with Stakes at 8' On Center	2.65	
	31 25 14 26-0011	LF	3' High Silt Fence with Stakes at 10' On Center	2.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 25 14 26-0012 Silt Dike Barrier <small>(31 25 14 26-0001)</small>		
31 25 14 26-0013 LF Silt Dike Barrier With Stakes.....	5.96	
31 25 14 26-0014 Silt Fences Removal <small>(31 25 14 26-0001)</small>		
31 25 14 26-0015 LF Removal Of Silt Fence And Stakes.....	0.82	
31 25 14 26-0016 Hay And Straw Bales <small>(31 25 14 26)</small>		
Note: Includes trench for placement, and stakes.		
31 25 14 26-0017 LF Place Sterlized Straw Bales.....	4.48	
Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of straw bale.		
31 25 14 26-0018 LF Place Hay Bales	4.17	
Note: Includes securing in ground with stakes. See CSI section 31 25 14 26-0019 for removal of hay bale.		
31 25 14 26-0019 LF Removal Of Hay Or Straw Bales	1.47	
Note: Includes removal of stakes.		
31 25 14 26-0020 Sediment Logs (Degradable) <small>(31 25 14 26)</small>		
31 25 14 26-0021 Sediment Logs (Degradable) <small>(31 25 14 26-0020)</small>		
Note: Includes stakes and removal after use. Curlex sediment logs as manufactured by American Excelsior.		
31 25 14 26-0022 LF 9" Sediment Fiber Roll Log	6.89	
31 25 14 26-0023 LF 12" Sediment Fiber Roll Log	8.05	
31 25 14 26-0024 LF 20" Sediment Fiber Roll Log	12.89	
31 25 14 26-0025 Wattles (Degradable) With UV Stabilized Synthetic Netting <small>(31 25 14 26-0020)</small>		
Note: Includes trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0026 EA Wattles (Sterile Straw Filled Rolls), 8" x 25'.....	125.83	
31 25 14 26-0027 EA Wattles (Sterile Straw Filled Rolls), 9" x 25'.....	134.03	
31 25 14 26-0028 EA Wattles (Sterile Straw Filled Rolls), 12" x 20'.....	149.73	
31 25 14 26-0029 EA Wattles (Sterile Straw Filled Rolls), 20" x 10'.....	176.01	
31 25 14 26-0030 Fiber Roll (CALTRANS Type 1) <small>(31 25 14 26)</small>		
Note: Includes furrow trench for placement, 24" wood staking at 4' on-center		
31 25 14 26-0031 LF 8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1.....	6.57	
For >1,000 To 10,000, Deduct		-0.74
For >10,000, Deduct		-1.24
31 25 14 26-0032 LF 9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1.....	6.94	
For >1,000 To 10,000, Deduct		-0.75
For >10,000, Deduct		-1.27
31 25 14 26-0033 LF 12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 1.....	9.44	
For >1,000 To 10,000, Deduct		-0.91
For >10,000, Deduct		-1.55
31 25 14 26-0034 Fiber Roll (CALTRANS Type 2) <small>(31 25 14 26)</small>		
Note: Includes 24" wood stakes at 2' on-center off-set on sides with ropes.		
31 25 14 26-0035 LF 8" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2.....	5.32	
For >1,000 To 10,000, Deduct		-0.55
For >10,000, Deduct		-0.93
31 25 14 26-0036 LF 9" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2.....	5.86	
For >1,000 To 10,000, Deduct		-0.59
For >10,000, Deduct		-1.00
31 25 14 26-0037 LF 12" Diameter Fiber Roll, (Sterile Straw Filled Rolls, With Natural Fiber Wrapping), CALTRANS Type 2.....	7.78	
For >1,000 To 10,000, Deduct		-0.66
For >10,000, Deduct		-1.14
31 25 14 26-0038 Inlet Protection Sediment Bags <small>(31 25 14 26)</small>		
Note: Includes removal, cleaning, and replacement per each location.		
31 25 14 26-0039 EA 2' x 2' x 3' Inlet Protection Sediment Bag.....	82.58	
31 25 14 26-0040 EA 2' x 3' x 3' Inlet Protection Sediment Bag.....	96.96	
31 25 14 26-0041 EA 2' x 4' x 3' Inlet Protection Sediment Bag.....	105.87	

31 30 Earthwork Methods (31)

31 31 Soil Treatment (31 30)

31 31 16 Termite Control (31 31)

31 31 16 13 Chemical Termite Control (31 31 16)

31 31 16 13-0001 Commercial Use (31 31 16 13)

31 31 16 13-0002 SF Termite Pretreatment, Commercial Soil Poisoning Under Slab	1.03
31 31 16 13-0003 SF Termite Pretreatment, Commercial Slab And Walls.....	1.43

31 31 16 13-0004 Residential Use (31 31 16 13)

31 31 16 13-0005 SF Termite Pretreatment, Residential General Spraying Walls And Slab	1.40
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31	31 Earthwork
	31 30 Earthwork Methods
	31 31 Soil Treatment



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 31 16 13-0006 SF Termite Treatment, Existing Residential Structure.....	1.52	
31 31 19 Vegetation Control (31 31)		
31 31 19 13 Chemical Vegetation Control (31 31 19)		
31 31 19 13-0001 Soil Sterilants (31 31 19 13)		
31 31 19 13-0002 MSF Soil Sterilant.....	31.56	
Note: Use only in areas where complete control of all vegetation is desired, such as industrial sites, right-of-way, lumberyards, petroleum tank farms, around farm buildings, along fence lines, etc. When applied to the soil, this product usually inhibits plant growth for a year or more.		
For >45 To 90, Deduct	-0.44	
For >90 To 225, Deduct	-2.46	
For >225, Deduct	-3.35	
31 32 Soil Stabilization (31 32)		
31 32 13 Soil Mixing Stabilization (31 32)		
31 32 13 16 Cement Soil Stabilization (31 32 13)		
31 32 13 16-0001 Cementitious Soil Binder (31 32 13 16)		
31 32 13 16-0002 CY Cementitious Soil Binder, 4% Cement Mix By Volume.....	36.31	
31 32 13 16-0003 CY Cementitious Soil Binder, 6% Cement Mix By Volume.....	41.20	
31 32 13 16-0004 CY Cementitious Soil Binder, 9% Cement Mix By Volume.....	49.25	
31 32 13 16-0005 CY Cementitious Soil Binder, 12% Cement Mix By Volume.....	57.18	
31 32 13 19 Lime Soil Stabilization (31 32 13)		
Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. The price excludes the cost for spreading or backfilling. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.		
31 32 13 19-0001 Lime Slurry (31 32 13 19)		
31 32 13 19-0002 LCY Soil Stabilization With Lime Slurry 10% Lime Slurry By Volume.....	32.05	
31 32 13 19-0003 TON Cement Stabilized Base Material.....	61.39	
31 32 13 19-0004 CWT Lime For Soil Stabilization.....	8.70	
Note: Excludes the cost for spreading or backfilling		
31 32 13 19-0005 LCY Roller, Grader - Lime Stabilization.....	18.24	
31 32 13 19-0006 LCY Roller, Grader - Cement Stabilization.....	4.16	
31 32 13 19-0007 Lime Stabilized Subgrade (31 32 13 19)		
Note: Based on soil weight of 110 LB/CF using lime weight of 5.5 LB/CF (5%).		
31 32 13 19-0008 SY 6" Thick Lime Stabilized Subgrade, 25 LB.....	8.13	
For 4% Lime Instead Of 5%, Deduct		
	-0.15	
For 6% Lime Instead Of 5%, Add		
	0.15	
31 32 13 19-0009 SY 7" Thick Lime Stabilized Subgrade, 29 LB.....	9.47	
For 4% Lime Instead Of 5%, Deduct		
	-0.18	
For 6% Lime Instead Of 5%, Add		
	0.18	
31 32 13 19-0010 SY 8" Thick Lime Stabilized Subgrade, 33 LB.....	10.80	
For 4% Lime Instead Of 5%, Deduct		
	-0.20	
For 6% Lime Instead Of 5%, Add		
	0.20	
31 32 13 29 Liquid Soil Stabilization (31 32 13)		
31 32 13 29-0001 GAL Polyacrylamide And Calcium Solution.....	2.37	
31 32 19 Geosynthetic Soil Stabilization and Layer Separation (31 32)		
31 32 19 13 Geogrid Soil Stabilization (31 32 19)		
31 32 19 13-0001 Geogrid Fabrics (31 32 19 13)		
Note: For reinforcement of over steepened earth slopes, segmental retaining walls and other mechanically stabilized earth applications.		
31 32 19 13-0002 SY 5.3 Ounce/SY, 1,700 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-150).....	5.39	
For Up To 50, Add		
	1.18	
For >50 To 150, Add		
	0.88	
For >150 To 250, Add		
	0.57	
For >250 To 500, Add		
	0.29	
31 32 19 13-0003 SY 6.9 Ounce/SY, 3,100 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-300).....	6.15	
For Up To 50, Add		
	1.34	
For >50 To 150, Add		
	0.99	
For >150 To 250, Add		
	0.65	
For >250 To 500, Add		
	0.33	
31 32 19 13-0004 SY 8.7 Ounce/SY, 4,280 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-500).....	6.72	
For Up To 50, Add		
	1.46	
For >50 To 150, Add		
	1.08	
For >150 To 250, Add		
	0.71	
For >250 To 500, Add		
	0.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 19 13-0005 SY 12.6 Ounce/SY, 7,315 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-800).....	9.70	
<i>For Up To 50, Add</i>	2.06	
<i>For >50 To 150, Add</i>	1.53	
<i>For >150 To 250, Add</i>	1.01	
<i>For >250 To 500, Add</i>	0.50	
31 32 19 13-0006 SY 14.1 Ounce/SY, 9,790 LB/FT Wide Width Tensile Ultimate Bi-Directional Woven Polyester Geogrid Fabric (Carthage Mills GX-1000).....	11.10	
<i>For Up To 50, Add</i>	2.34	
<i>For >50 To 150, Add</i>	1.75	
<i>For >150 To 250, Add</i>	1.15	
<i>For >250 To 500, Add</i>	0.58	
31 32 19 13-0007 SY 4.3 Ounce/SY, 1,658 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 20).....	5.48	
<i>For Up To 50, Add</i>	1.20	
<i>For >50 To 150, Add</i>	0.89	
<i>For >150 To 250, Add</i>	0.58	
<i>For >250 To 500, Add</i>	0.29	
31 32 19 13-0008 SY 5.9 Ounce/SY, 2,192 LB/FT Wide Width Tensile Ultimate Bi-Axial Extruded Polypropylene Geogrid Fabric (Carthage Mills Enkagrid Max 30).....	8.09	
<i>For Up To 50, Add</i>	1.72	
<i>For >50 To 150, Add</i>	1.28	
<i>For >150 To 250, Add</i>	0.84	
<i>For >250 To 500, Add</i>	0.42	

31 32 19 16 Geotextile Soil Stabilization (31 32 19)

31 32 19 16-0001 Nonwoven Polypropylene Geotextiles (31 32 19 16)

Note: For drainage, filtration and separation.

31 32 19 16-0002 SY 3.0 Ounce/SY, 40 Mil, 80 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-30HS).....	1.67	
<i>For Up To 50, Add</i>	0.37	
<i>For >50 To 150, Add</i>	0.28	
<i>For >150 To 250, Add</i>	0.18	
<i>For >250 To 500, Add</i>	0.09	
31 32 19 16-0003 SY 3.5 Ounce/SY, 50 Mil, 95 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-35HS).....	1.79	
<i>For Up To 50, Add</i>	0.40	
<i>For >50 To 150, Add</i>	0.29	
<i>For >150 To 250, Add</i>	0.19	
<i>For >250 To 500, Add</i>	0.10	
31 32 19 16-0004 SY 4.0 Ounce/SY, 60 Mil, 115 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-40HS).....	1.94	
<i>For Up To 50, Add</i>	0.43	
<i>For >50 To 150, Add</i>	0.32	
<i>For >150 To 250, Add</i>	0.21	
<i>For >250 To 500, Add</i>	0.10	
31 32 19 16-0005 SY 4.5 Ounce/SY, 55 Mil, 120 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-45HS).....	2.09	
<i>For Up To 50, Add</i>	0.46	
<i>For >50 To 150, Add</i>	0.34	
<i>For >150 To 250, Add</i>	0.22	
<i>For >250 To 500, Add</i>	0.11	
31 32 19 16-0006 SY 6.0 Ounce/SY, 70 Mil, 160 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-60HS).....	2.49	
<i>For Up To 50, Add</i>	0.54	
<i>For >50 To 150, Add</i>	0.40	
<i>For >150 To 250, Add</i>	0.26	
<i>For >250 To 500, Add</i>	0.13	
31 32 19 16-0007 SY 7.0 Ounce/SY, 85 Mil, 180 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-70HS).....	2.91	
<i>For Up To 50, Add</i>	0.63	
<i>For >50 To 150, Add</i>	0.47	
<i>For >150 To 250, Add</i>	0.31	
<i>For >250 To 500, Add</i>	0.15	
31 32 19 16-0008 SY 8.0 Ounce/SY, 85 Mil, 205 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-80HS).....	3.21	
<i>For Up To 50, Add</i>	0.69	
<i>For >50 To 150, Add</i>	0.51	
<i>For >150 To 250, Add</i>	0.34	
<i>For >250 To 500, Add</i>	0.17	
31 32 19 16-0009 SY 10 Ounce/SY, 115 Mil, 250 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric (Carthage Mills FX-100HS).....	3.97	
<i>For Up To 50, Add</i>	0.84	
<i>For >50 To 150, Add</i>	0.63	
<i>For >150 To 250, Add</i>	0.41	
<i>For >250 To 500, Add</i>	0.21	
31 32 19 16-0010 SY 16 Ounce/SY, 175 Mil, 425 LB Grab Tensile Nonwoven Polypropylene Geotextile Fabric.....	6.67	
<i>For Up To 50, Add</i>	1.38	
<i>For >50 To 150, Add</i>	1.03	
<i>For >150 To 250, Add</i>	0.68	
<i>For >250 To 500, Add</i>	0.34	

31 32 19 16-0011 Woven Geotextiles Fabric (31 32 19 16)

31 32 19 16-0012 SY 200 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-55).....	2.43	
<i>For Up To 50, Add</i>	0.53	
<i>For >50 To 150, Add</i>	0.39	
<i>For >150 To 250, Add</i>	0.26	
<i>For >250 To 500, Add</i>	0.13	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	31 32 19 16-0013	SY	315 LB Grab Tensile Woven Slit Film Geotextile Fabric (Carthage Mills FX-66)	3.42	
			<i>For Up To 50, Add</i>	0.72	
			<i>For >50 To 150, Add</i>	0.54	
			<i>For >150 To 250, Add</i>	0.36	
			<i>For >250 To 500, Add</i>	0.18	
	31 32 19 16-0014	SY	4 To 6% Open Area, 370 x 250 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 6%)	6.05	
			<i>For Up To 50, Add</i>	1.26	
			<i>For >50 To 150, Add</i>	0.94	
			<i>For >150 To 250, Add</i>	0.62	
			<i>For >250 To 500, Add</i>	0.31	
	31 32 19 16-0015	SY	11 To 15% Open Area, 370 x 220 LB Grab Tensile Woven Monofilament Geotextile Fabric (Carthage Mills Carthage 15%)	5.90	
			<i>For Up To 50, Add</i>	1.23	
			<i>For >50 To 150, Add</i>	0.92	
			<i>For >150 To 250, Add</i>	0.61	
			<i>For >250 To 500, Add</i>	0.30	
	31 32 19 16-0016	SY	6.9 Oz/SY, 250 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-250TF)	5.15	
			<i>For Up To 50, Add</i>	1.08	
			<i>For >50 To 150, Add</i>	0.80	
			<i>For >150 To 250, Add</i>	0.53	
			<i>For >250 To 500, Add</i>	0.27	
	31 32 19 16-0017	SY	9.1 Oz/SY, 333 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-330TF)	5.51	
			<i>For Up To 50, Add</i>	1.15	
			<i>For >50 To 150, Add</i>	0.86	
			<i>For >150 To 250, Add</i>	0.57	
			<i>For >250 To 500, Add</i>	0.28	
	31 32 19 16-0018	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Twill Weave Geotextile Fabric (Carthage Mills FX-400TF)	7.05	
			<i>For Up To 50, Add</i>	1.46	
			<i>For >50 To 150, Add</i>	1.09	
			<i>For >150 To 250, Add</i>	0.72	
			<i>For >250 To 500, Add</i>	0.36	
	31 32 19 16-0019	SY	12.1 Oz/SY, 400 LB/IN Wide Width Tensile Ultimate Woven Monofilament And Fibrillated Geotextile Fabric (Carthage Mills FX-400MF)	10.07	
			<i>For Up To 50, Add</i>	2.06	
			<i>For >50 To 150, Add</i>	1.54	
			<i>For >150 To 250, Add</i>	1.02	
			<i>For >250 To 500, Add</i>	0.51	
	31 32 19 16-0020		Geomembranes <small>(31 32 19 16)</small>		
	31 32 19 16-0021		Polyvinyl Chloride (PVC) Geomembrane <small>(31 32 19 16-0020)</small>		
	31 32 19 16-0022	SF	20 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.39	
	31 32 19 16-0023	SF	30 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.61	
	31 32 19 16-0024	SF	40 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	1.96	
	31 32 19 16-0025	SF	50 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.35	
	31 32 19 16-0026	SF	60 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.69	
	31 32 19 16-0027	SF	70 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	2.94	
	31 32 19 16-0028	SF	80 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.19	
	31 32 19 16-0029	SF	90 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.54	
	31 32 19 16-0030	SF	100 Mil Polyvinyl Chloride (PVC) Geomembrane (US Fabrics)	3.86	
	31 32 19 16-0031		High Density Polyethylene (HDPE) Geomembrane <small>(31 32 19 16-0020)</small>		
	31 32 19 16-0032	SF	20 Mil High Density Polyethylene Membrane (US Fabrics)	1.51	
	31 32 19 16-0033	SF	30 Mil High Density Polyethylene Membrane (US Fabrics)	0.89	
	31 32 19 16-0034	SF	40 Mil High Density Polyethylene Membrane (US Fabrics)	0.99	
	31 32 19 16-0035	SF	50 Mil High Density Polyethylene Membrane (US Fabrics)	1.41	
	31 32 19 16-0036	SF	60 Mil High Density Polyethylene Membrane (US Fabrics)	1.17	
	31 32 19 16-0037	SF	80 Mil High Density Polyethylene Membrane (US Fabrics)	1.36	
	31 32 19 16-0038	SF	100 Mil High Density Polyethylene Membrane (US Fabrics)	1.56	
	31 32 19 16-0039	SF	120 Mil High Density Polyethylene Membrane (US Fabrics)	2.54	
	31 32 19 16-0040	SF	140 Mil High Density Polyethylene Membrane (US Fabrics)	2.63	
	31 32 19 26		Geoweb Cellular Confinement System <small>(31 32 19)</small>		
			Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
	31 32 19 26-0001		Geoweb Cellular Confinement System <small>(31 32 19 26)</small>		
			Note: Includes staples, stakes and filling cells with stockpiled material. Excludes site preparation and imported materials.		
	31 32 19 26-0002	SF	4" Geoweb Cellular Confinement System (Presto Geosystems)	7.41	
			<i>For >20,000, Deduct</i>	-0.19	
			<i>For >2:1 Slope, Add</i>	1.18	
	31 32 19 26-0003	SF	6" Geoweb Cellular Confinement System (Presto Geosystems)	9.13	
			<i>For >20,000, Deduct</i>	-0.28	
			<i>For >2:1 Slope, Add</i>	1.18	
	31 32 19 26-0004	SF	8" Geoweb Cellular Confinement System (Presto Geosystems)	11.18	
			<i>For >20,000, Deduct</i>	-0.38	
			<i>For >2:1 Slope, Add</i>	1.18	

	Earthwork	31	
	Earthwork Methods	31 30	13
	Soil Stabilization	31 32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 Soil Nailing ^(31 32)		
31 32 36 11 Soil Nailing Stabilization ^(31 32 36)		
31 32 36 11-0001 Landslide and Slip-Out Stabilization ^(31 32 36 11)		
<p>Note: Work shall consist of the Contractor stabilizing identified slides by internally reinforcing the soil mass with reinforcing elements (nails) by using one or more of the installation methods specified in this contract. The Owner will identify locations for work to be performed as specified herein. The Contractor shall review all locations with Owner representatives to determine the method to be used. The Contractor will provide all necessary engineering plans and details required to successfully repair slides as noted. These plans shall be stamped by a registered professional engineer with a current California license who is knowledgeable in the design and implementation of slope stabilization with soil nails and related work. The contractor shall furnish all labor, materials, and equipment required to complete the work. Any necessary installation methods and associated costs are the responsibility of the contractor. The Contractor and the Contractor's Engineer will also warrant the stability of the repaired roadway section for a period of 5 years.</p>		
31 32 36 11-0002 BioWall® ^(31 32 36 11-0001)		
<p>Note: Furnish and install the BioWall® to integrate with Launched Soil Nails™, SuperNails® or Self Drilling SuperNails®. The BioWall® is a confined soil/compost mass capable of sustaining vegetation at slope angles up to ¼(H):1(V), and is composed of 2 layers of galvanized wire mesh and 2 layers of lightweight geosynthetic encasing a seeded compost and/or topsoil mix, tied to the soil nails by steel plates. Furnish equipment and incidentals necessary to complete the work. BioWall® to soil nail connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).</p>		
31 32 36 11-0003 SF BioWall® Construction.....	25.00	
31 32 36 11-0004 Green Terra Mesh ^(31 32 36 11-0001)		
<p>Note: Furnish and install the Green Terra Mesh. Furnish equipment and incidentals necessary to complete the work. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).</p>		
31 32 36 11-0005 EA Green Terra Mesh	635.25	
31 32 36 11-0006 GeoSynthetically Confined Soil™ (GCS®) Components ^(31 32 36 11-0001)		
<p>Note: Furnish and install geosynthetic reinforcement, backfill and facing element to construct a Geosynthetically Confined Soil Wall™ (GCS®). Designs shall comply with the Design Standards for Geosynthetically Confined Soil Walls (adapted from the NCHRP Report 556 – Design and Construction Guidelines for Geosynthetic – Reinforced Soil Bridge Abutments with a Flexible Facing) noted below. Reinforcement Selection and Placement: Geosynthetic reinforcement shall consist of high-tenacity geotextiles manufactured for soil reinforcement applications. Geotextiles shall not be exposed to sunlight and extreme temperatures for an extended period of time. Damaged or improperly handled geosynthetic reinforcement shall be rejected. Use a woven polypropylene geotextile with ultimate tensile strength of 2400 lbs/ft (Amoco 2044 or similar) in the cross-machine direction (as per ASTM D4595). The geosynthetic reinforcement perpendicular to the wall face should consist of one continuous piece of material. Overlap of reinforcement in the design strength direction is not permitted. Adjacent sections of geosynthetic reinforcement should be placed so as to ensure that horizontal coverage shown on the plans is provided. Tracked construction equipment shall not be operated directly on the geosynthetic reinforcement. A minimum backfill thickness of 150 mm (6 in.) is required before operation of tracked vehicles over the geosynthetic reinforcement. Turning of tracked vehicles should be kept to a minimum to prevent displacing the fill and damaging or moving the geosynthetic reinforcement. Rubber-tired equipment may pass over the geosynthetic reinforcement at slow speeds less than 17 km/hr (10 miles/hr). Sudden braking and sharp turning should be avoided. Backfill Specifications: Structure backfill material should consist of material free from organic or other unsuitable material as determined by the Contractor's Engineer. Grading of the backfill should be as follows: 100 percent passing 100 mm (4 in.) sieve, 0-60 percent passing No. 40 (0.425 mm) sieve, and 0-15 percent passing No. 200 (0.075mm) sieve; plasticity index (PI) as determined by AASHTO T90, should not exceed 6. The backfill should exhibit an angle of internal friction of not less than 34 degrees, as determined by the standard direct shear test on the portion finer than 2 mm (No.10) sieve, using a sample compacted to 95 percent of AASHTO T-99, Methods C or D, at optimum moisture content. No testing is required for backfills where 80 percent of sizes are greater than 19 mm. The backfill should be substantially free of shale or other soft, poor durability particles and should have an organic content not larger than 1 percent. The backfill should have a pH between 4.5 and 9. Backfill Placement: Reinforced fill should be placed as specified in construction plans in compacted lift thickness of 8in, but in no case in lifts greater than 12in. Reinforced fill should be placed and compacted at or within 2 percent dry of the optimum moisture content. If the reinforced fill is free draining (i.e., with less than 5 percent passing a No. 200 sieve), water content of the fill may be within ±3 percent of the optimum. A minimum density of 90 percent of standard Proctor density is required. Optimum compaction is 100 percent of AASHTO T-99 (or 95 percent of AASHTO T-180) but this may not be possible throughout the wall structure. If significant percentage of the backfill is coarse material (i.e., greater than 30 percent retained on the 19 mm, or ¾ in., sieve), a procedural specification may be used to verify compaction, (no less than two passes with a conventional vibratory plate compaction equipment). Backfill should be placed, spread, and compacted so as to prevent the development of wrinkles or movement of the geosynthetic reinforcement and the wall facing units. Only hand-operated compaction equipment should be allowed within 0.5 m (1.5 ft) of the front of the See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).</p>		
31 32 36 11-0007 SF GeoSynthetically Confined Soil™ (GCS®) Wall Construction	23.75	
<p>Note: Installation sold per square face foot (excludes materials)</p>		
31 32 36 11-0008 EA GeoSynthetically Confined Soil™ (GCS®) Wall Galvanized Wire Basket Units (approximately 10" x 120")	108.50	
31 32 36 11-0009 EA GeoSynthetically Confined Soil™ (GCS®) Wall Concrete Masonry Units (approximately 8" x 8" x 16")	6.50	
31 32 36 11-0010 SF GeoSynthetically Confined Soil™ (GCS®) Wall Woven Geotextile	0.75	
31 32 36 11-0011 Turf ^(31 32 36 11-0001)		
<p>Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).</p>		
31 32 36 11-0012 Permanent Turf Reinforcing Mat (TRM) ^(31 32 36 11-0011)		
<p>Note: Furnish a web of mechanically bonded synthetic fibers that are entangled to form a strong and dimensionally stable mat. Place fibers between 2 or 3 high-strength, biaxially oriented nets mechanically bound together by stitching with polyolefin thread. The netting material must be resistant to biological, chemical, and ultra-violet degradation.</p>		

31	31	Earthwork
	31 30	Earthwork Methods
	31 32	Soil Stabilization

	MINOR CSI UOM DESCRIPTION		TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	31 32 36 11-0013	SF Permanent Turf Reinforcement Mat..... Note: sold per square face foot	1.50	
	31 32 36 11-0014	Biodegradable Turf Reinforcing Mat (TRM) <small>(31 32 36 11-0011)</small> Note: Furnish a geotextile composed of seed free processed natural fiber matrix mechanically bound together with 100% degradable binding fiber or netting to form a continuous matrix.		
	31 32 36 11-0015	SF Biodegradable Turf Reinforcement Mat..... Note: sold per square face foot	0.75	
	31 32 36 11-0016	Shotcrete or Gunit <small>(31 32 36 11-0001)</small> Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
	31 32 36 11-0017	Wet-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ <small>(31 32 36 11-0016)</small> Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a wet-mix. The wet-mix process consists of thoroughly mixing all the ingredients except accelerating admixtures, but including the mixing water, introducing the mixture into the delivery equipment and delivering it, by positive displacement, to the nozzle. Air jet the wet-mix shotcrete from the nozzle at high velocity onto the surface. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, III or V. Fine Aggregate AASHTO M6/ASTM C33 clean, natural. Coarse Aggregate AASHTO M80, Class B for quality Water Clean and Potable. AASHTO M157/ASTM C94 Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C685. Use mixing equipment that thoroughly blends the materials in sufficient quantity to maintain placing continuity. Produce ready mix shotcrete complying		
	31 32 36 11-0018	SFI Wet-Mix Reinforced Shotcrete..... Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).	5.50	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 32 36 11-0019	<p>Dry-Mix Shotcrete for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ <small>(31 32 36 11-0019)</small></p> <p>Note: Furnish steel reinforced shotcrete to integrate with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self Drilling SuperMicropiles™ or Self Drilling SuperNails® and complying with the requirements of ACI 506.2, "Specifications for Materials, Proportioning and Application of Shotcrete", except as otherwise specified. Shotcreting consists applying of one or more layers of concrete conveyed through a hose pneumatically projected at a high velocity against a prepared surface. Produce shotcrete by a dry-mix. The dry-mix process consists of thoroughly mixing Portland cement and aggregate (and or synthetic fiber) thoroughly mixed dry, passed through a cement gun and conveyed by air through a flexible tube, hydrated at a nozzle at the end of such flexible tube and deposited by air pressure in its place of final repose. For additional descriptive information, refer to the American Concrete Institute ACI 506R "Guide to Shotcrete." The Contractor's Engineer shall provide all necessary details required to successfully construct the temporary or permanent facing and facing drainage system to satisfy the design intent of the facing. Comply with AASHTO Specifications, or accepted industry standards for any specific items that may not be addressed herein or elsewhere in this Contract Document. Use materials for shotcrete conforming to the following requirements: Cement AASHTO M85/ ASTM C150, Type I, II, or III. Fine Aggregate AASHTO M80, Class B for quality Fiber Reinforcement ASTM C116-00 Water Clean and Potable. AASHTO M157/ASTM C94 and shall be maintained at a uniform pressure which shall be at least 15 pounds per square inch above air pressure at the nozzle. Chemical Admixtures Accelerator Fluid type, applied at nozzle, meeting requirements of AASHTO M194/ASTM C494/ASTM C1141. Water-reducer and Superplastisizer AASHTO M194/ASTM C494 Type A, C, D, E, F, or G Retarders AASHTO M194/ ASTM C494 Type B or D. Mineral Admixtures Fly Ash AASHTO M295/ASTM C618 Type F or C, cement replacement up to 35 percent by weight of cement. Silica Fume ASTM C1240, 90 percent minimum silicon dioxide solids content, not to exceed 12 percent by weight of cement. Welded Wire Fabric AASHTO M55/ASTM A185 or A497. Double twisted hexagonal ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions Prepackaged Shotcrete ASTM C928. PVC Drain Pipes: Pipe ASTM 1785 Schedule 40 PVC, solid and perforated wall, cell classification 12454-B or 12354-C, wall thickness SDR 35, with solvent weld or elastomeric gasket joints. Deliver, store and handle materials to prevent contamination, segregation, corrosion or damage. Store liquid admixtures to prevent evaporation and freezing. Use aggregate for shotcrete meeting the strength and durability requirements of AASHTO M6/M80, as applicable, and the following gradation requirements: Sieve Size Percent Passing by Weight 1/2" 100 3/8" 90-100 No. 4 70-85 No. 8 100 Proportion the shotcrete to be pumpable with the concrete pump furnished for the work, with a cementing materials content of at least 390 kilograms per cubic meter and water/cement ratio not greater than 0.50. Do not use admixtures unless approved by the Contractor's Engineer. Thoroughly mix admixtures into the shotcrete at the rate specified by the manufacturer. Use only accelerators compatible with the cement used, non-corrosive to steel, and not promoting other detrimental effects such as cracking or excessive shrinkage. The maximum allowable chloride ion content of all ingredients is 0.10% when tested to AASHTO T260. Air entrainment is not required for temporary shotcrete construction facings. Provide shotcrete with a design compressive strength of 2000 psi in 3 days and 4000 psi in 28 days. Batch aggregate and cement by weight or by volume in accordance with the requirements of ASTM C94 or AASHTO M241/ASTM C6</p>		
31 32 36 11-0020	SFI Dry-Mix Reinforced Gunite Note: sold per inch thickness over one square face foot of area (includes reinforcing steel).		8.50
31 32 36 11-0021	<p>Steel Fiber Reinforcement for use with Launched Soil Nails™, SuperNails®, SuperMicropiles™, Self-Drilling SuperNails® / SuperMicropiles™ <small>(31 32 36 11-0021)</small></p>		
31 32 36 11-0022	SFI Steel Fiber Reinforcement Note: sold per inch thickness over one square face foot of area		1.25
31 32 36 11-0023	<p>Steel Mesh and Steel Plates for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® <small>(31 32 36 11-0023)</small></p> <p>Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).</p>		
31 32 36 11-0024	<p>Steel Mesh Surface Treatment for use with Launched Soil Nails™, SuperNails® and Self Drilling SuperNails® <small>(31 32 36 11-0024)</small></p> <p>Note: Furnish Galfan® Coated Steel Mesh for use with Launched Soil Nails™, SuperNails®, or Self Drilling SuperNails® that is a double twisted hexagonal galvanized steel wire mesh manufactured according to ASTM A975-97 guidelines for Double Twisted Hexagonal Mesh Gabions. Alternately, the mesh may be a diamond shaped, three dimensional mesh made with high capacity 3-millimeter diameter wire. Furnish steel plates to connect the mesh to the nail systems described herein. Furnish equipment and incidentals necessary to complete the work. Soil Nail to mesh connection details will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.</p>		
31 32 36 11-0025	SF High Capacity Diamond Mesh Note: sold per square face foot		11.00
31 32 36 11-0026	SF Double Twist Wire Mesh Note: sold per square face foot		13.75
31 32 36 11-0027	<p>Steel Plates <small>(31 32 36 11-0027)</small></p>		
31 32 36 11-0028	EA Galvanized Steel Plates (8x8)		35.00
31 32 36 11-0029	EA Galvanized Steel Plates (10x10)		54.75
31 32 36 11-0030	EA Galvanized Steel Plates (12x12)		78.75
31 32 36 11-0031	EA Epoxy Coated Steel Plates (8x8)		76.00
31 32 36 11-0032	EA Epoxy Coated Steel Plates (10x10)		89.25
31 32 36 11-0033	EA Epoxy Coated Steel Plates (12x12)		105.25

31	Earthwork
31 30	Earthwork Methods
31 32	Soil Stabilization

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 32 36 11-0034			Drilled Horizontal Drains <small>(31 32 36 11-0001)</small>		
			Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0035	LF		Drilled PVC Horizontal Drains (up to 2" Diameter).....	26.00	
31 32 36 11-0036	LF		Stripdrain - 6" Wide.....	3.25	
31 32 36 11-0037	LF		Stripdrain - 12" Wide.....	4.00	
31 32 36 11-0038	LF		PVC Drain Collector Pipe System.....	26.75	
31 32 36 11-0039			Rockfall Stabilization <small>(31 32 36 11-0001)</small>		
			Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 11-0040	SF		Scaling.....	3.75	
31 32 36 11-0041	SF		Trim Blasting.....	155.00	
31 32 36 11-0042	SY		Slope Drape - Double Twist Wire Mesh.....	45.00	
31 32 36 11-0043	SY		Slope Drape - Cable Net.....	135.00	
31 32 36 11-0044	SY		Slope Drape - Tecco Mesh (4mm).....	135.00	
31 32 36 11-0045	LF		Temporary Rockfall Barrier.....	500.00	
31 32 36 11-0046	LF		Low Reach Drilling (<25 feet).....	25.00	
31 32 36 11-0047	LF		High Reach Drilling (>25 feet).....	45.00	
31 32 36 11-0048	LF		Limited Access Drilling.....	100.00	
31 32 36 11-0049	LF		F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Galvanized).....	18.50	
31 32 36 11-0050	LF		F&I Rock Dowel - #8 Grade 75 All-Thread Bar (Epoxy Coated).....	15.25	
31 32 36 11-0051	LF		F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Galvanized).....	23.25	
31 32 36 11-0052	LF		F&I Rock Dowel - #8 Grade 150 All-Thread Bar (Epoxy Coated).....	17.25	
31 32 36 11-0053	LF		F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Galvanized).....	23.50	
31 32 36 11-0054	LF		F&I Rock Dowel - #10 Grade 75 All-Thread Bar (Epoxy Coated).....	18.75	
31 32 36 11-0055	LF		F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Galvanized).....	26.50	
31 32 36 11-0056	LF		F&I Rock Dowel - #10 Grade 150 All-Thread Bar (Epoxy Coated).....	21.00	
31 32 36 11-0057	LF		F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Galvanized).....	29.25	
31 32 36 11-0058	LF		F&I Rock Dowel - #11 Grade 75 All-Thread Bar (Epoxy Coated).....	21.00	
31 32 36 11-0059	LF		F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Galvanized).....	34.50	
31 32 36 11-0060	LF		F&I Rock Dowel - #11 Grade 150 All-Thread Bar (Epoxy Coated).....	31.75	
31 32 36 11-0061	EA		Rock Anchor Testing.....	825.00	
31 32 36 11-0062			Mobilization / Demobilization <small>(31 32 36 11-0001)</small>		
31 32 36 11-0063	EA		Mobilization - In State.....	10,000.00	
31 32 36 11-0064	EA		Mobilization - Out Of State.....	25,000.00	
31 32 36 11-0065	EA		Mobilization - Specialty Equipment Adder.....	9,800.00	
31 32 36 11-0066			Daily Crew Rates (DCR) <small>(31 32 36 11-0001)</small>		
31 32 36 11-0067	DAY		Soils Stabilization Crew - DCR, Per Workday.....	13,150.00	
31 32 36 11-0068	DAY		Rockfall Stabilization Crew - DCR, Per Workday.....	15,200.00	
31 32 36 11-0069	DAY		Compaction Grouting Crew - DCR, Per Workday.....	12,925.00	
31 32 36 11-0070	DAY		Additional Crew Member/Crew - DCR, Per Workday.....	2,050.00	
31 32 36 11-0071	EA		Out of State Crew Rotation.....	4,950.00	
31 32 36 11-0072	EA		Spider Excavation.....	5,500.00	
31 32 36 13			Driven Soil Nailing <small>(31 32 36)</small>		
31 32 36 13-0001			Large Diameter Micropiles <small>(31 32 36 13)</small>		
			Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		
31 32 36 13-0002	LF		5" Micropiles (with up to 5.5" steel casing).....	94.50	
31 32 36 13-0003	LF		7" Micropiles (with up to 7.625" steel casing).....	130.25	
31 32 36 13-0004	LF		10" Micropiles (with up to 9.625" steel casing).....	166.50	
31 32 36 13-0005	LF		12" Micropiles (with up to 11.875" steel casing).....	213.25	
31 32 36 16			Grouted Soil Nailing <small>(31 32 36)</small>		
31 32 36 16-0001			Grouting <small>(31 32 36 16)</small>		
			Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).		

	Earthwork	31	
	Earthwork Methods	31 30	13
	Soil Stabilization	31 32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 32 36 16-0002

Compaction Grouting (31 32 36 16-0001)

Note: A. Furnish compaction grout material manufactured on-site (at the project location) in volumetric batching equipment so that grout rheology can be controlled real-time. The grout shall have a slump of 0.50" to 3.0" depending on the specific requirements of the project and shall conform to the engineering plans developed and submitted by the Contractor. Grout components shall consist of Type I/II cement, potable water and aggregate. Fly Ash may be added to the mix per the engineering plans. All aggregate for the compaction grout material shall meet the following requirements: a. 100% passing the 1/2" sieve b. Less than 2% organics c. No bentonite or other clay of medium to high plasticity shall be used. Site conditions and re-leveling requirements shall determine the exact proportions of cement, water and soil. The grout mix shall generally consist of aggregate with up to 12% cement by weight and water to form a very stiff mortar-like mixture. No admixtures shall be used without the Project Manager's approval, and previous testing. Mix design and test results of grout mixture must be submitted and approved by the Project Manager 15 Days prior to the commencement of the work. A. Gradations of the aggregate material to be utilized shall be submitted as part of the submittal process and prior to any work taking place. B. The compaction grouting mixer shall be of a type to ensure complete mixing of the stiff grout, as approved by the Project Manager. The compaction grout mixer shall be of sufficient capacity to continuously deliver grout having a slump of less than 1.5 inches at pressures up to 1,000 psi, at flow rates ranging from 0.1 to 5.0 cubic feet per minute. Gauges shall be provided at the pump and the grout pipe head to measure pressure the rate of flow. Type and location of gauges shall be as specified by the Contractor. A dial gauge or meter capable of measuring to 0.5 cubic feet or less shall be provided to measure the amount of grout pumped into the hole. A pressure gauge shall be graduated in 10-psi increments or less and used to measure the applied pressure. Compaction grout hose shall have a minimum inside diameter of 2 inches with non-restrictive full flow couplings. The hose shall be of sufficient strength for the pressures anticipated, and shall be in good condition.

31 32 36 16-0003	LF	Compaction Grouting Casing Installation.....	52.75
31 32 36 16-0004	CF	Compaction Grout Injection for Soils Densification.....	55.50
31 32 36 16-0005	CF	Compaction Grout For Void Fill.....	39.00

31 32 36 16-0006

Polyurethane Grouting (31 32 36 16-0001)

Note: The material shall be a two part 1:1 ratio by volume, polyurethane-forming mixture, having a water insoluble diluent, which permits the formation of polyurethanes in excess water. The material shall reach 90% Compressive strength in 30 minutes such that traffic may be returned to roadway within 30 minutes after last injection of material. Polyurethane Free-rise Physical Properties Property I Units ASTM Minimum Maximum Density - lb/cf D 1622 3.0 lb/cf 6.0 lb/cf Tensile Strength - psi D 1623 80 psi Compressive Strength at Yield Point - psi D 1621 60 psi Furnish equipment and incidentals necessary to complete the work. Polyurethane grout shall not be used for deep injection (deeper than 3 ft below bottom of structure) or soils densification, it shall only be used for void filling under structures and for re-leveling. The Contractor shall prepare a profile to determine the areas that require void filling and re-leveling and determine the locations of the injection holes for each treated area. The Contractor shall obtain approval for the final proposed grades and the location of injection holes. The Contractor shall submit a plan for approval of the proposed polyurethane injection methods for the designated project areas. The plan shall include, but not be limited to: proposed diameter of casing (if required), depth of placement, angle of inclination, injection tube spacing, and project staging. The plan shall include monitoring procedures to ensure that damage will not occur to any existing structures due to the injection process. Monitoring devices shall be installed on mechanically stabilized earth retaining systems and between approach slabs and approach slab footings or other components to help prevent damage. The Contractor shall drill a pattern of holes as proposed in his plan. The holes shall be located in a manner that the void filling and structure lifting process does not affect any adjoining structures, such as mechanically stabilized earth retaining walls. Holes shall not be drilled within 4" of the edge of the slab, construction joints or major cracks. No more holes shall be drilled and tubes installed during the day than can be filled during that day. On bridge approach and roadway projects, and as applicable, the initial lift shall be at the sleeper footer. The Contractor shall lift the sleeper footer and the approach slab to the desired elevation by injecting material under the structures with care to assure that polyurethane material is not placed between the sleeper footer and the approach slab. The amount of rise shall be controlled by regulating the rate of injection of the high density polyurethane material. When the nozzle is removed from the hole, any excessive polyurethane material shall be removed from the area.

31 32 36 16-0007	LB	Polyurethane Grouting For Void Fill and Re-Leveling.....	11.50
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31 32 36 19 Corrosion-Protected Soil Nailing (31 32 36)

31 32 36 19-0001

Self-Drilling SuperNails® / SuperMicropiles™ (31 32 36 19)

Note: Furnish Self-Drilling SuperNails® / SuperMicropiles™ that consist of a hollow, threaded bar with a sacrificial drill bit. Multiple bars may be coupled to produce final length. Bar thread pattern should be continuous and conform to the pullout requirements of ASTM A 615 (Williams Form Engineering B7X or Ischebeck Titan bars, or approved equivalent). R-thread bars, bars/couplers made from high carbon (>0.20%) or high phosphorous (>0.06%) steels, or bars/couplers made from steels that do not meet the tensile ductility requirements of ASTM A 615 shall not be used for any tensile applications. Bar outer diameters shall be a minimum of 1.5 inches and up to and 3 inches depending on design load. Corrosion Protection for Self Drilling Nails shall follow current FHWA guidance. Inserted length and spacing of Self-Drilling SuperNails® / SuperMicropiles™ will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0002

Self-Drilling SuperNails® (31 32 36 19-0001)

31 32 36 19-0003	EA	Self Drilling SuperNails® Up To 10 Ft. Length.....	559.00
31 32 36 19-0004	EA	Self Drilling SuperNails® Up To 20 Ft. Length.....	939.25
31 32 36 19-0005	EA	Self Drilling SuperNails® Up To 30 Ft. Length.....	1,305.75
31 32 36 19-0006	EA	Self Drilling SuperNails® Up To 40 Ft. Length.....	1,735.75
31 32 36 19-0007	EA	Self Drilling SuperNails® Up To 50 Ft. Length.....	2,119.75
31 32 36 19-0008	EA	Self Drilling SuperNails® Up To 60 Ft. Length.....	2,459.25
31 32 36 19-0009	EA	Self Drilling SuperNails® Up To 70 Ft. Length.....	2,879.25
31 32 36 19-0010	EA	Self Drilling SuperNails® Up To 80 Ft. Length.....	3,253.50
31 32 36 19-0011	EA	Additional Cost for 10' High Capacity X-51 Bar.....	129.50

31 32 36 19-0012

SuperNail® Testing (31 32 36 19)

Note: Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 19-0013	EA	SuperNail® Proof Testing.....	769.00
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31	31	Earthwork
	31 30	Earthwork Methods
	31 32	Soil Stabilization

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 32 36 19-0014 EA SuperNail® Verification Testing.....2,339.75

31 32 36 26 Launched Soil Nailing (31 32 36)

31 32 36 26-0001 Launched SuperDrain™ (Horizontal Drains) (31 32 36 26)
 Note: Furnish Launched SuperDrain™ up to 20 feet in length composed of a tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized 36ksi steel (ASTM A513) that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities). Drainage perforations consist of 0.5-inch diameter holes drilled or torch-cut at 6 inch spacing along the distal 5 feet of nail. Every other hole is rotated 90° about the longitudinal axis of the nail. Furnish equipment and incidentals necessary to complete the work. Insert Launched SuperDrain™ with a single stroke at initial velocities in excess of 200 miles per hour. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 26-0002	EA	GalvaDized™ SuperDrain™ - Up To 20'.....	605.00
		Note: perforated GalvaDized™ steel tube up to 20 ft. length.	
31 32 36 26-0003	EA	Fiberglass SuperNail® - Up To 20'.....	621.50
		Note: perforated fiberglass tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	
31 32 36 26-0004	EA	GalvaDized™ SuperNail® - Up To 20'.....	478.50
		Note: perforated GalvaDized™ steel tube up to 20 ft. length, pressure grouted with #6 epoxy coated inner Bar.	
31 32 36 26-0005	EA	Temporary Launched Soil Nail.....	379.50
		Note: bare steel tube up to 20 ft. length.	
31 32 36 26-0006	EA	Fiberglass SuperDrain™.....	495.00
		Note: perforated fiberglass tube up to 20 ft. length.	
31 32 36 26-0007	EA	GalvaDized™ SuperDrain™.....	379.50
		Note: perforated GalvaDized™ steel tube up to 20 ft. length.	

31 32 36 29 Drilled Soil Nailing (31 32 36)

31 32 36 29-0001 Drilled SuperNails® (Permanently Cased Soil Nails) (31 32 36 29)
 Note: Furnish SuperNails® that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 threadbar as the inner bar. SuperNails® may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperNail® outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner threadbar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals. Unit Pricing excludes Daily Crew Rates for items See CSI section 31 32 36 11-0066 for Daily Crew Rates (DCR).

31 32 36 29-0002	EA	Drilled GalvaDized™ SuperNail® Up To 10 Ft. Length.....	602.25
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	
31 32 36 29-0003	EA	Drilled GalvaDized™ SuperNail® Up To 20 Ft. Length.....	693.50
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	
31 32 36 29-0004	EA	Drilled GalvaDized™ SuperNail® Up To 30 Ft. Length.....	921.50
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	
31 32 36 29-0005	EA	Drilled GalvaDized™ SuperNail® Up To 40 Ft. Length.....	1,056.00
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	
31 32 36 29-0006	EA	Drilled GalvaDized™ SuperNail® Up To 50 Ft. Length.....	1,171.50
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	
31 32 36 29-0007	EA	Drilled GalvaDized™ SuperNail® Up To 60 Ft. Length.....	1,376.50
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	
31 32 36 29-0008	EA	Drilled GalvaDized™ SuperNail® Up To 70 Ft. Length.....	1,624.75
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	
31 32 36 29-0009	EA	Drilled GalvaDized™ SuperNail® Up To 80 Ft. Length.....	1,872.75
		Note: GalvaDized™ steel tube, drilled and grouted with #6 epoxy coated inner Bar.	

31 32 36 33 Drilled / Launched Soil Nailing (31 32 36)

31 32 36 33-0001 Drilled / Launched SuperMicropiles™ (31 32 36 33)
 Note: Furnish SuperMicropiles™ that are a three stage construction including installation of (1) an outer tube (1.5 inch outside diameter, 0.120 inch wall thickness hot-dipped galvanized steel tube that is mechanically deformed or GalvaDized™ to produce a plurality of surficial asperities); (2) neat cement grout that completely encases and fills the outer tube; and (3) immediately install an epoxy coated, #6 (or greater) grade 75 threadbar as the inner bar. SuperMicropiles™ may be in lengths up to 60 feet. Although field adjustments in design may be allowed on certain projects (subject to approval by the Contractor's Engineer and the Owner) bidding an equivalent system is not allowed (i.e. the winning bidder must have the ability to install the above system). Furnish equipment and incidentals necessary to complete the work. Insert SuperMicropile™ outer tubes with a single stroke at initial velocities in excess of 200 miles per hour or by drilling a hole to a prescribed depth and inserting the outer tube. Fill the outer tube with neat cement grout and immediately insert a #6 or larger epoxy coated inner threadbar. Inserted length and spacing will be determined by the Contractor's Engineer and identified in the Contractor's stamped plans and submittals.

31 32 36 33-0002	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 20 Ft. Length.....	695.00
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	
31 32 36 33-0003	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 30 Ft. Length.....	1,020.00
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	
31 32 36 33-0004	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 40 Ft. Length.....	1,280.00
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	
31 32 36 33-0005	EA	Drilled / Launched GalvaDized™ SuperMicropiles™ Up To 50 Ft. Length.....	1,540.00
		Note: GalvaDized™ steel tube, grouted with #6 epoxy coated inner Bar.	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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31 35 Slope Protection (31 30)

31 35 19 Geosynthetic Slope Protection (31 35)

31 35 19 19 Slope Protection with Mulch Control Netting (31 35 19)

31 35 19 19-0001	Erosion Control Fabric <small>(31 35 19 19)</small>	
31 35 19 19-0002	SY 26.6 OZ/SY Erosion Control Fabric (Belton Industries Geocoir 900)	5.13

31 37 Riprap (31 30)

Note: Includes the cost for loading, hauling up to 15 miles from the closest approved source, and dumping. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.

31 37 13 Machined Riprap (31 37)

31 37 13 00-0001 Random - Filter Stone (31 37 13)

31 37 13 00-0002	CY 10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	85.45
	<i>For Chinking Material, Add</i>	14.04
31 37 13 00-0003	CY >50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	100.15
	<i>For Chinking Material, Add</i>	14.04
31 37 13 00-0004	CY >100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	107.08
	<i>For Chinking Material, Add</i>	14.04
31 37 13 00-0005	CY >200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	114.97
	<i>For Chinking Material, Add</i>	14.04
31 37 13 00-0006	CY >300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	121.32
	<i>For Chinking Material, Add</i>	14.04
31 37 13 00-0007	CY >600 LB Average Pieces Random, Dumped From Truck, Rip Rap	131.73
31 37 13 00-0008	CY 3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	146.51
31 37 13 00-0009	TON 10 To 50 LB Average Pieces Random, Dumped From Truck, Rip Rap	56.11
31 37 13 00-0010	TON >50 To 100 LB Average Pieces Random, Dumped From Truck, Rip Rap	65.44
31 37 13 00-0011	TON >100 To 200 LB Average Pieces Random, Dumped From Truck, Rip Rap	69.84
31 37 13 00-0012	TON >200 To 300 LB Average Pieces Random, Dumped From Truck, Rip Rap	74.85
31 37 13 00-0013	TON >300 To 600 LB Average Pieces Random, Dumped From Truck, Rip Rap	78.89
31 37 13 00-0014	TON >600 LB Average Pieces Random, Dumped From Truck, Rip Rap	85.57
31 37 13 00-0015	TON 3/8 To 1/4 CY Pieces Random, Dumped From Truck, Machine Spread And Placed Slope Protection (Keyed) Rip Rap	97.78

31 40 Shoring and Underpinning (31)

31 41 Shoring (31 40)

31 41 13 Timber Shoring (31 41)

31 41 13 00-0001 Wood Sheet Piling (31 41 13)

31 41 13 00-0002 Pull And Salvage (31 41 13 00-0001)

Note: Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 13 00-0003	SF 8' Deep Excavation, Wood Shoring, Pull And Salvage	12.78
	<i>For Wood Sheeting Left In Place</i>	-1.36
31 41 13 00-0004	SF 10' Deep Excavation, Wood Shoring, Pull And Salvage	13.84
	<i>For Wood Sheeting Left In Place</i>	-1.57
31 41 13 00-0005	SF 12' Deep Excavation, Wood Shoring, Pull And Salvage	15.01
	<i>For Wood Sheeting Left In Place</i>	-1.79
31 41 13 00-0006	SF 14' Deep Excavation, Wood Shoring, Pull And Salvage	16.25
	<i>For Wood Sheeting Left In Place</i>	-2.05
31 41 13 00-0007	SF 16' Deep Excavation, Wood Shoring, Pull And Salvage	17.62
	<i>For Wood Sheeting Left In Place</i>	-2.33
31 41 13 00-0008	SF 18' Deep Excavation, Wood Shoring, Pull And Salvage	19.09
	<i>For Wood Sheeting Left In Place</i>	-2.65
31 41 13 00-0009	SF 20' Deep Excavation, Wood Shoring, Pull And Salvage	20.73
	<i>For Wood Sheeting Left In Place</i>	-2.98

31 41 16 Sheet Piling (31 41)

31 41 16 13 Steel Sheet Piling (31 41 16)

31 41 16 13-0001 Standard Carbon Grade Steel Sheeting - Pull And Salvage (31 41 16 13)

Note: Up to 3 months. 38.5 KSI steel per SF minimum. PSF indicated is for the weight of the material per square foot. Includes soldier beams and lagging (wales, braces and spacers). Excludes tie-backs (rock bolting) where required.

31 41 16 13-0002	TON Driven Steel Sheet Piling, 15' Excavation, 22 PSF Steel Sheeting, Pull And Salvage	2,123.42
	<i>For Standard Sheeting Left In Place, Add</i>	1,152.59
	<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	1,109.17
	<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	97.69
	<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	108.54
	<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	336.49
	<i>For Each Additional Month >3 Months, Add</i>	54.27

31	Earthwork
31 40	Shoring and Underpinning
31 41	Shoring

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 41	16 13-0003	TON	Driven Steel Sheet Piling, 20' Excavation, 27 PSF Steel Sheeting, Pull And Salvage.....	2,208.58	
			<i>For Standard Sheeting Left In Place, Add</i>	1,110.01	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	1,066.59	
			<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	97.69	
			<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	108.54	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	336.49	
			<i>For Each Additional Month >3 Months, Add</i>	54.27	
31 41	16 13-0004	TON	Driven Steel Sheet Piling, 25' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	2,604.51	
			<i>For Standard Sheeting Left In Place, Add</i>	912.04	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	868.63	
			<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	97.69	
			<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	108.54	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	336.49	
			<i>For Each Additional Month >3 Months, Add</i>	54.27	
31 41	16 13-0005	TON	Driven Steel Sheet Piling, 30' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	2,985.49	
			<i>For Standard Sheeting Left In Place, Add</i>	721.55	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	678.14	
			<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	97.69	
			<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	108.54	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	336.49	
			<i>For Each Additional Month >3 Months, Add</i>	54.27	
31 41	16 13-0006	TON	Driven Steel Sheet Piling, 35' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	3,209.60	
			<i>For Standard Sheeting Left In Place, Add</i>	609.50	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	566.08	
			<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	97.69	
			<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	108.54	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	336.49	
			<i>For Each Additional Month >3 Months, Add</i>	54.27	
31 41	16 13-0007	TON	Driven Steel Sheet Piling, 40' Excavation, 38 PSF Steel Sheeting, Pull And Salvage.....	3,438.18	
			<i>For Standard Sheeting Left In Place, Add</i>	495.21	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF Left In Place, Add</i>	451.79	
			<i>For High Strength Sheeting 45,000 To 50,000 PSI Grade, Add</i>	97.69	
			<i>For High Strength Sheeting 55,000 PSI Grade, Add</i>	108.54	
			<i>For Lightweight Steel Sheeting 8.6 And 9.2 PSF, Add</i>	336.49	
			<i>For Each Additional Month >3 Months, Add</i>	54.27	

31 43 Concrete Raising (31 40)

31 43 13 Pressure Grouting (31 43)

31 43 13 16 Polyurethane Pressure Grouting (31 43 13)

31 43 13 16-0001 PolyLift™ Concrete Injection For Lifting And Leveling (31 43 13 16)

31 43 13 16-0002	EA	Mobilization PolyLift™ Concrete Lifting And Leveling Minimum Charge.....	3,510.18
31 43 13 16-0003	LB	Up To 1,000 Lbs PolyLift™ Concrete Injection For Lifting And Leveling.....	28.21
		Note: Per pound of material.	
31 43 13 16-0004	LB	>1,000 Lbs PolyLift™ Concrete Injection For Lifting And Leveling.....	23.64
		Note: Per pound of material.	

31 45 Vibroflotation and Densification (31 40)

31 45 13 Vibroflotation (31 45)

31 45 13 00-0001	LCY	Soil Stabilization, Vibroflotation.....	15.19
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31 60 Special Foundations and Load-bearing Elements (31)

31 62 Driven Piles (31 60)

31 62 13 Concrete Piles (31 62)

31 62 13 23 Prestressed Concrete Piles (31 62 13)

31 62 13 23-0001 Square Prestressed Driven Concrete Piles (31 62 13 23)

31 62 13 23-0002	VLF	10" Square Prestressed Driven Concrete Pile.....	33.34
		<i>For Piles Driven In Water, Add</i>	16.07
31 62 13 23-0003	VLF	12" Square Prestressed Driven Concrete Pile.....	41.87
		<i>For Piles Driven In Water, Add</i>	18.12
31 62 13 23-0004	VLF	14" Square Prestressed Driven Concrete Pile.....	50.79
		<i>For Piles Driven In Water, Add</i>	19.95
31 62 13 23-0005	VLF	16" Square Prestressed Driven Concrete Pile.....	62.24
		<i>For Piles Driven In Water, Add</i>	22.15
31 62 13 23-0006	VLF	18" Square Prestressed Driven Concrete Pile.....	75.60
		<i>For Piles Driven In Water, Add</i>	24.71
31 62 13 23-0007	VLF	20" Square Prestressed Driven Concrete Pile.....	87.46
		<i>For Piles Driven In Water, Add</i>	27.32
31 62 13 23-0008	VLF	24" Square Prestressed Driven Concrete Pile.....	111.61
		<i>For Piles Driven In Water, Add</i>	31.43

31 62 13 23-0009 Octagonal Prestressed Driven Concrete Piles (31 62 13 23)

31 62 13 23-0010	VLF	12" Octagonal Prestressed Driven Concrete Pile.....	37.47
		<i>For Piles Driven In Water, Add</i>	16.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 13 23-0011 VLF 14" Octagonal Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	46.01 18.53	
31 62 13 23-0012 VLF 16" Octagonal Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	54.69 20.34	
31 62 13 23-0013 VLF 18" Octagonal Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	65.40 22.46	
31 62 13 23-0014 VLF 20" Octagonal Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	69.62 24.12	
31 62 13 23-0015 VLF 24" Octagonal Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	74.07 25.98	
31 62 13 23-0016 Straight Cylinder Prestressed Driven Concrete Piles (31 62 13 23)		
31 62 13 23-0017 VLF 12" Diameter, 2-3/8" Wall, Straight Cylinder Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	53.89 17.77	
31 62 13 23-0018 VLF 14" Diameter, 2-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	63.86 19.50	
31 62 13 23-0019 VLF 16" Diameter, 3" Wall, Straight Cylinder Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	75.67 21.50	
31 62 13 23-0020 VLF 18" Diameter, 3-1/2" Wall, Straight Cylinder Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	85.63 23.43	
31 62 13 23-0021 VLF 20" Diameter, 4" Wall, Straight Cylinder Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	107.61 26.68	
31 62 13 23-0022 VLF 24" Diameter, 5" Wall, Straight Cylinder Prestressed Driven Concrete Pile <i>For Piles Driven In Water, Add</i>	133.00 30.45	
31 62 16 Steel Piles (31 62)		
31 62 16 16 Steel H Piles (31 62 16)		
31 62 16 16-0001 Rolled, Driven Steel H Piles (31 62 16 16)		
31 62 16 16-0002 VLF 8" x 8" x 36 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	34.26 17.36	
31 62 16 16-0003 VLF 10" x 10" x 42 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	38.16 18.44	
31 62 16 16-0004 VLF 10" x 10" x 57 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	45.99 19.22	
31 62 16 16-0005 VLF 12" x 12" x 53 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	44.38 19.50	
31 62 16 16-0006 VLF 12" x 12" x 63 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	49.60 20.02	
31 62 16 16-0007 VLF 12" x 12" x 74 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	56.74 21.99	
31 62 16 16-0008 VLF 12" x 12" x 84 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	61.95 22.51	
31 62 16 16-0009 VLF 14" x 14" x 73 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	56.66 22.38	
31 62 16 16-0010 VLF 14" x 14" x 89 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	65.52 23.27	
31 62 16 16-0011 VLF 14" x 14" x 102 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	73.35 25.45	
31 62 16 16-0012 VLF 14" x 14" x 117 LB/FT, Rolled, Driven Steel H Pile <i>For Piles Driven In Water, Add</i>	81.69 26.29	
31 62 16 16-0013 Splices, Caps, And Points For H-Piles (31 62 16 16)		
31 62 16 16-0014 Rolled Steel H Pile Splices (31 62 16 16-0013)		
31 62 16 16-0015 EA 8" Rolled Steel H Pile Splice	302.12	
31 62 16 16-0016 EA 10" Rolled Steel H Pile Splice	339.18	
31 62 16 16-0017 EA 12" Rolled Steel H Pile Splice	464.60	
31 62 16 16-0018 EA 14" Rolled Steel H Pile Splice	483.13	
31 62 16 16-0019 Rolled Steel H Driving Caps (31 62 16 16-0013)		
31 62 16 16-0020 EA 8" Rolled Steel H Driving Cap	3,078.55	
31 62 16 16-0021 EA 10" Rolled Steel H Driving Cap	3,078.55	
31 62 16 16-0022 EA 12" Rolled Steel H Driving Cap	3,134.65	
31 62 16 16-0023 EA 14" Rolled Steel H Driving Cap	4,709.56	
31 62 16 16-0024 Rolled Steel H Standard Pile Points (31 62 16 16-0013)		
31 62 16 16-0025 EA 8" Rolled Steel H Standard Pile Point	320.65	
31 62 16 16-0026 EA 10" Rolled Steel H Standard Pile Point	339.18	
31 62 16 16-0027 EA 12" Rolled Steel H Standard Pile Point	464.60	
31 62 16 16-0028 EA 14" Rolled Steel H Standard Pile Point	520.18	
31 62 16 16-0029 EA 10" Rolled Steel H Standard Pile Point	464.60	
31 62 16 16-0030 EA 14" Rolled Steel H Standard Pile Point	556.07	
31 62 16 19 Unfilled Tubular Steel Piles (31 62 16)		
31 62 16 19-0001 Unfilled Tubular Driven Steel Piles (31 62 16 19)		

31 Earthwork**31 60 Special Foundations and Load-bearing Elements****31 62 Driven Piles**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 16 19-0002 VLF 8" Diameter x 29 LB/FT, Unfilled Tubular Driven Steel Pile	58.01	
<i>For Piles Driven In Water, Add</i>	23.64	
31 62 16 19-0003 VLF 8" Diameter x 36 LB/FT, Unfilled Tubular Driven Steel Pile	67.56	
<i>For Piles Driven In Water, Add</i>	24.59	
31 62 16 19-0004 VLF 8" Diameter x 43 LB/FT, Unfilled Tubular Driven Steel Pile	77.87	
<i>For Piles Driven In Water, Add</i>	25.63	
31 62 16 19-0005 VLF 10" Diameter x 34 LB/FT, Unfilled Tubular Driven Steel Pile	67.56	
<i>For Piles Driven In Water, Add</i>	24.59	
31 62 16 19-0006 VLF 10" Diameter x 41 LB/FT, Unfilled Tubular Driven Steel Pile	76.63	
<i>For Piles Driven In Water, Add</i>	25.50	
31 62 16 19-0007 VLF 10" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile	96.68	
<i>For Piles Driven In Water, Add</i>	27.51	
31 62 16 19-0008 VLF 12" Diameter x 42 LB/FT, Unfilled Tubular Driven Steel Pile	79.84	
<i>For Piles Driven In Water, Add</i>	26.76	
31 62 16 19-0009 VLF 12" Diameter x 50 LB/FT, Unfilled Tubular Driven Steel Pile	90.46	
<i>For Piles Driven In Water, Add</i>	27.82	
31 62 16 19-0010 VLF 12" Diameter x 54 LB/FT, Unfilled Tubular Driven Steel Pile	96.36	
<i>For Piles Driven In Water, Add</i>	28.41	
31 62 16 19-0011 VLF 12" Diameter x 65 LB/FT, Unfilled Tubular Driven Steel Pile	112.87	
<i>For Piles Driven In Water, Add</i>	30.06	
31 62 16 19-0012 VLF 14" Diameter x 46 LB/FT, Unfilled Tubular Driven Steel Pile	86.27	
<i>For Piles Driven In Water, Add</i>	29.36	
31 62 16 19-0013 VLF 14" Diameter x 55 LB/FT, Unfilled Tubular Driven Steel Pile	98.28	
<i>For Piles Driven In Water, Add</i>	30.56	
31 62 16 19-0014 VLF 14" Diameter x 64 LB/FT, Unfilled Tubular Driven Steel Pile	110.29	
<i>For Piles Driven In Water, Add</i>	31.77	
31 62 16 19-0015 VLF 14" Diameter x 72 LB/FT, Unfilled Tubular Driven Steel Pile	122.31	
<i>For Piles Driven In Water, Add</i>	32.97	
31 62 16 19-0016 VLF 16" Diameter x 52 LB/FT, Unfilled Tubular Driven Steel Pile	95.96	
<i>For Piles Driven In Water, Add</i>	32.75	
31 62 16 19-0017 VLF 16" Diameter x 63 LB/FT, Unfilled Tubular Driven Steel Pile	110.00	
<i>For Piles Driven In Water, Add</i>	34.16	
31 62 16 19-0018 VLF 16" Diameter x 83 LB/FT, Unfilled Tubular Driven Steel Pile	137.39	
<i>For Piles Driven In Water, Add</i>	36.90	
31 62 16 19-0019 VLF 18" Diameter x 59 LB/FT, Unfilled Tubular Driven Steel Pile	119.14	
<i>For Piles Driven In Water, Add</i>	37.03	
31 62 16 19-0020 VLF 18" Diameter x 71 LB/FT, Unfilled Tubular Driven Steel Pile	137.39	
<i>For Piles Driven In Water, Add</i>	38.86	
31 62 16 19-0021 VLF 18" Diameter x 93 LB/FT, Unfilled Tubular Driven Steel Pile	172.06	
<i>For Piles Driven In Water, Add</i>	42.33	
31 62 16 19-0022 Splices And Points For Pipe Piles (31 62 16 19)		
31 62 16 19-0023 Steel Pipe Pile Splices (31 62 16 19-0022)		
31 62 16 19-0024 EA 8" Diameter, Steel Pipe Pile Splice	473.99	
31 62 16 19-0025 EA 10" Diameter, Steel Pipe Pile Splice	538.87	
31 62 16 19-0026 EA 12" Diameter, Steel Pipe Pile Splice	672.39	
31 62 16 19-0027 EA 14" Diameter, Steel Pipe Pile Splice	736.38	
31 62 16 19-0028 EA 16" Diameter, Steel Pipe Pile Splice	931.59	
31 62 16 19-0029 EA 18" Diameter, Steel Pipe Pile Splice	1,165.85	
31 62 16 19-0030 Steel Pipe Standard Pile Points (31 62 16 19-0022)		
31 62 16 19-0031 EA 8" Diameter, Steel Pipe Standard Pile Point	413.94	
31 62 16 19-0032 EA 10" Diameter, Steel Pipe Standard Pile Point	465.90	
31 62 16 19-0033 EA 12" Diameter, Steel Pipe Standard Pile Point	539.79	
31 62 16 19-0034 EA 14" Diameter, Steel Pipe Standard Pile Point	682.68	
31 62 16 19-0035 EA 16" Diameter, Steel Pipe Standard Pile Point	812.59	
31 62 16 19-0036 EA 18" Diameter, Steel Pipe Standard Pile Point	926.48	
31 62 16 19-0037 Steel Pipe Heavy Duty Pile Points (31 62 16 19-0022)		
31 62 16 19-0038 EA 10" Diameter, Steel Pipe Heavy Duty Pile Point	575.01	
31 62 16 19-0039 EA 12" Diameter, Steel Pipe Heavy Duty Pile Point	639.97	
31 62 16 19-0040 EA 14" Diameter, Steel Pipe Heavy Duty Pile Point	735.41	
31 62 16 19-0041 EA 16" Diameter, Steel Pipe Heavy Duty Pile Point	995.22	
31 62 16 19-0042 EA 18" Diameter, Steel Pipe Heavy Duty Pile Point	1,183.06	
31 62 19 Timber Piles (31 62)		
31 62 19 00-0001 Friction Or End Bearing, Driven Treated Wood Piles (31 62 19)		
Note: 12 LB Penta-treated/CF.		
31 62 19 00-0002 LF Up To 30', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	34.34	
<i>For Piles Driven In Water, Add</i>	15.82	
<i>For Untreated Pile, Deduct</i>	-7.61	
<i>For Each Pile Tip Point, Add</i>	12.50	
<i>For Each Pile Butt, Driving Cap, Add</i>	20.10	
<i>For Each Splice For Pile >50', Add</i>	139.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 19 00-0003 LF >30' To 39', 12" Butt x 8" Tip, Friction Or End Bearing, Driven Treated Wood Pile	36.29	
<i>For Piles Driven In Water, Add</i>	17.56	
<i>For Untreated Pile, Deduct</i>	-7.70	
<i>For Each Pile Tip Point, Add</i>	12.50	
<i>For Each Pile Butt, Driving Cap, Add</i>	20.10	
<i>For Each Splice For Pile >50', Add</i>	139.40	
31 62 19 00-0004 LF 39' To 49', 12" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	38.28	
<i>For Piles Driven In Water, Add</i>	18.70	
<i>For Untreated Pile, Deduct</i>	-8.05	
<i>For Each Pile Tip Point, Add</i>	12.50	
<i>For Each Pile Butt, Driving Cap, Add</i>	20.10	
<i>For Each Splice For Pile >50', Add</i>	139.40	
31 62 19 00-0005 LF >49' To 59', 13" Butt x 7" Tip, Friction Or End Bearing, Driven Treated Wood Pile	41.30	
<i>For Piles Driven In Water, Add</i>	20.84	
<i>For Untreated Pile, Deduct</i>	-8.41	
<i>For Each Pile Tip Point, Add</i>	12.50	
<i>For Each Pile Butt, Driving Cap, Add</i>	20.10	
<i>For Each Splice For Pile >50', Add</i>	139.40	
31 62 19 00-0006 LF >59' To 69', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	51.06	
<i>For Piles Driven In Water, Add</i>	23.68	
<i>For Untreated Pile, Deduct</i>	-11.26	
<i>For Each Pile Tip Point, Add</i>	12.50	
<i>For Each Pile Butt, Driving Cap, Add</i>	20.10	
<i>For Each Splice For Pile >50', Add</i>	139.40	
31 62 19 00-0007 LF >69' To 79', 13" Butt x 6" Tip, Friction Or End Bearing, Driven Treated Wood Pile	63.67	
<i>For Piles Driven In Water, Add</i>	28.66	
<i>For Untreated Pile, Deduct</i>	-14.39	
<i>For Each Pile Tip Point, Add</i>	12.50	
<i>For Each Pile Butt, Driving Cap, Add</i>	20.10	
<i>For Each Splice For Pile >50', Add</i>	139.40	

31 62 23 Composite Piles (31 62)

31 62 23 13 Concrete-Filled Steel Piles (31 62 23)

31 62 23 13-0001 Concrete-Filled Driven Steel Pipe Piles (31 62 23 13)

Note: Includes 4,000 PSI concrete grout. Excludes reinforcing.

31 62 23 13-0002 VLF 8" Diameter x 29 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	61.53	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	6.43	
<i>For Piles Driven In Water, Add</i>	25.54	
31 62 23 13-0003 VLF 8" Diameter x 36 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	71.08	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	7.38	
<i>For Piles Driven In Water, Add</i>	26.49	
31 62 23 13-0004 VLF 8" Diameter x 43 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	81.39	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	8.42	
<i>For Piles Driven In Water, Add</i>	27.53	
31 62 23 13-0005 VLF 10" Diameter x 34 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	72.63	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	8.85	
<i>For Piles Driven In Water, Add</i>	27.08	
31 62 23 13-0006 VLF 10" Diameter x 41 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	81.70	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	9.76	
<i>For Piles Driven In Water, Add</i>	27.99	
31 62 23 13-0007 VLF 10" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	101.75	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	11.76	
<i>For Piles Driven In Water, Add</i>	29.99	
31 62 23 13-0008 VLF 12" Diameter x 42 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	86.96	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	11.77	
<i>For Piles Driven In Water, Add</i>	30.19	
31 62 23 13-0009 VLF 12" Diameter x 50 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	97.58	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	12.83	
<i>For Piles Driven In Water, Add</i>	31.25	
31 62 23 13-0010 VLF 12" Diameter x 54 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	103.48	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	13.42	
<i>For Piles Driven In Water, Add</i>	31.84	
31 62 23 13-0011 VLF 12" Diameter x 65 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	119.99	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	15.07	
<i>For Piles Driven In Water, Add</i>	33.49	
31 62 23 13-0012 VLF 14" Diameter x 46 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	96.03	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	14.23	
<i>For Piles Driven In Water, Add</i>	34.72	
31 62 23 13-0013 VLF 14" Diameter x 55 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	108.04	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	15.43	
<i>For Piles Driven In Water, Add</i>	35.92	
31 62 23 13-0014 VLF 14" Diameter x 64 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	120.05	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	16.63	
<i>For Piles Driven In Water, Add</i>	37.12	
31 62 23 13-0015 VLF 14" Diameter x 72 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	132.06	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	17.84	
<i>For Piles Driven In Water, Add</i>	38.33	
31 62 23 13-0016 VLF 16" Diameter x 52 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	106.26	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	17.37	
<i>For Piles Driven In Water, Add</i>	37.24	
31 62 23 13-0017 VLF 16" Diameter x 63 LB/FT, Concrete-Filled Driven Steel Pipe Pile.....	120.30	
<i>For 5,000 PSI Concrete Grout Fill, Add</i>	18.77	
<i>For Piles Driven In Water, Add</i>	38.64	

31 Earthwork**31 60 Special Foundations and Load-bearing Elements****31 62 Driven Piles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 62 23 13-0018	VLF		16" Diameter x 83 LB/FT, Concrete-Filled Driven Steel Pipe Pile..... <i>For 5,000 PSI Concrete Grout Fill, Add</i> <i>For Piles Driven In Water, Add</i>	147.69 21.51 41.38	
31 62 23 13-0019	VLF		18" Diameter x 59 LB/FT, Concrete-Filled Driven Steel Pipe Pile..... <i>For 5,000 PSI Concrete Grout Fill, Add</i> <i>For Piles Driven In Water, Add</i>	131.44 22.25 41.91	
31 62 23 13-0020	VLF		18" Diameter x 71 LB/FT, Concrete-Filled Driven Steel Pipe Pile..... <i>For 5,000 PSI Concrete Grout Fill, Add</i> <i>For Piles Driven In Water, Add</i>	149.69 24.07 43.73	
31 62 23 13-0021	VLF		18" Diameter x 93 LB/FT, Concrete-Filled Driven Steel Pipe Pile..... <i>For 5,000 PSI Concrete Grout Fill, Add</i> <i>For Piles Driven In Water, Add</i>	184.36 27.54 47.20	
31 62 23 13-0022			7 Gauge, Constant Diameter Concrete-Filled Driven Steel Piles <small>(31 62 23 13)</small> Note: End bearing, with fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.		
31 62 23 13-0023	VLF		12" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	82.27 23.10	
31 62 23 13-0024	VLF		14" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	100.26 25.95	
31 62 23 13-0025	VLF		16" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	113.68 28.52	
31 62 23 13-0026	VLF		18" Diameter, 7 Gauge, Constant Diameter Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	123.67 30.94	
31 62 23 13-0027			Tapered Friction Concrete-Filled Driven Steel Piles <small>(31 62 23 13)</small> Note: With fluted steel casing, up to 50'. Includes 4,000 PSI concrete. Excludes reinforcing.		
31 62 23 13-0028	VLF		12" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	80.65 22.93	
31 62 23 13-0029	VLF		14" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	82.63 24.18	
31 62 23 13-0030	VLF		16" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	101.32 27.29	
31 62 23 13-0031	VLF		18" Diameter, 7 Gauge, Tapered Friction Concrete-Filled Driven Steel Pile..... <i>For Piles Driven In Water, Add</i>	117.14 30.29	
31 62 23 13-0032			Thin Wall Shell Straight Sided Driven Steel Piles <small>(31 62 23 13)</small>		
31 62 23 13-0033	VLF		8" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile..... <i>For Piles Driven In Water, Add</i> <i>For Thick Wall Shell, Add</i>	47.72 17.31 0.08	
31 62 23 13-0034	VLF		10" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile..... <i>For Piles Driven In Water, Add</i> <i>For Thick Wall Shell, Add</i>	52.66 19.20 0.09	
31 62 23 13-0035	VLF		12" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile..... <i>For Piles Driven In Water, Add</i> <i>For Thick Wall Shell, Add</i>	57.55 21.08 0.10	
31 62 23 13-0036	VLF		14" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile..... <i>For Piles Driven In Water, Add</i> <i>For Thick Wall Shell, Add</i>	62.49 22.96 0.11	
31 62 23 13-0037	VLF		16" Diameter, 16 Gauge, Thin Wall Shell Straight Sided Driven Steel Pile..... <i>For Piles Driven In Water, Add</i> <i>For Thick Wall Shell, Add</i>	67.44 24.86 0.12	
31 63 Bored Piles <small>(31 60)</small>					
31 63 36 Drilled Steel Piles <small>(31 63)</small>					
31 63 36 00-0001			Drill Hole <small>(31 63 36)</small> Note: Excludes removal of excess material.		
31 63 36 00-0002			Drilling Mobilization <small>(31 63 36 00-0001)</small>		
31 63 36 00-0003	EA		>12" To 24" Diameter Hole, Drilling Mobilization	917.20	
31 63 36 00-0004	EA		>24" Diameter Hole, Drilling Mobilization.....	1,222.92	
31 63 36 00-0005			Drill Hole In Soil <small>(31 63 36 00-0001)</small>		
31 63 36 00-0006	LF		18" Diameter, Up To 24' Depth, Drilled/Augered Hole	51.42	
31 63 36 00-0007	LF		20" Diameter, Up To 24' Depth, Drilled/Augered Hole	59.78	
31 63 36 00-0008	LF		22" Diameter, Up To 24' Depth, Drilled/Augered Hole	70.25	
31 63 36 00-0009	LF		24" Diameter, Up To 24' Depth, Drilled/Augered Hole	82.81	
31 63 36 00-0010	LF		26" Diameter, Up To 24' Depth, Drilled/Augered Hole	89.50	
31 63 36 00-0011	LF		28" Diameter, Up To 24' Depth, Drilled/Augered Hole	98.47	
31 63 36 00-0012	LF		30" Diameter, Up To 24' Depth, Drilled/Augered Hole	107.86	
31 63 36 00-0013			Steel H Piles <small>(31 63 36)</small>		
31 63 36 00-0014			Placed In Drilled Hole, Rolled Steel H-Section Piles <small>(31 63 36 00-0013)</small> Note: Includes guides, bracing and alignment.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 63 36 00-0015 VLF 8" x 8" x 36 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	31.28	
<i>For >2,400 To 3,600, Deduct</i>	-1.09	
<i>For >3,600 To 4,800, Deduct</i>	-2.19	
<i>For >4,800 To 6,000, Deduct</i>	-3.75	
<i>For >6,000, Deduct</i>	-5.32	
31 63 36 00-0016 VLF 10" x 10" x 42 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	35.04	
<i>For >2,400 To 3,600, Deduct</i>	-1.20	
<i>For >3,600 To 4,800, Deduct</i>	-2.41	
<i>For >4,800 To 6,000, Deduct</i>	-4.16	
<i>For >6,000, Deduct</i>	-5.91	
31 63 36 00-0017 VLF 10" x 10" x 57 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	42.87	
<i>For >2,400 To 3,600, Deduct</i>	-1.40	
<i>For >3,600 To 4,800, Deduct</i>	-2.80	
<i>For >4,800 To 6,000, Deduct</i>	-4.94	
<i>For >6,000, Deduct</i>	-7.09	
31 63 36 00-0018 VLF 12" x 12" x 53 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	41.17	
<i>For >2,400 To 3,600, Deduct</i>	-1.37	
<i>For >3,600 To 4,800, Deduct</i>	-2.73	
<i>For >4,800 To 6,000, Deduct</i>	-4.79	
<i>For >6,000, Deduct</i>	-6.85	
31 63 36 00-0019 VLF 12" x 12" x 63 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	46.39	
<i>For >2,400 To 3,600, Deduct</i>	-1.50	
<i>For >3,600 To 4,800, Deduct</i>	-3.00	
<i>For >4,800 To 6,000, Deduct</i>	-5.32	
<i>For >6,000, Deduct</i>	-7.63	
31 63 36 00-0020 VLF 12" x 12" x 74 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	53.24	
<i>For >2,400 To 3,600, Deduct</i>	-1.70	
<i>For >3,600 To 4,800, Deduct</i>	-3.39	
<i>For >4,800 To 6,000, Deduct</i>	-6.06	
<i>For >6,000, Deduct</i>	-8.72	
31 63 36 00-0021 VLF 12" x 12" x 84 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	58.45	
<i>For >2,400 To 3,600, Deduct</i>	-1.83	
<i>For >3,600 To 4,800, Deduct</i>	-3.65	
<i>For >4,800 To 6,000, Deduct</i>	-6.58	
<i>For >6,000, Deduct</i>	-9.50	
31 63 36 00-0022 VLF 14" x 14" x 73 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	53.09	
<i>For >2,400 To 3,600, Deduct</i>	-1.70	
<i>For >3,600 To 4,800, Deduct</i>	-3.40	
<i>For >4,800 To 6,000, Deduct</i>	-6.06	
<i>For >6,000, Deduct</i>	-8.71	
31 63 36 00-0023 VLF 14" x 14" x 89 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	61.95	
<i>For >2,400 To 3,600, Deduct</i>	-1.92	
<i>For >3,600 To 4,800, Deduct</i>	-3.85	
<i>For >4,800 To 6,000, Deduct</i>	-6.95	
<i>For >6,000, Deduct</i>	-10.04	
31 63 36 00-0024 VLF 14" x 14" x 102 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	69.47	
<i>For >2,400 To 3,600, Deduct</i>	-2.14	
<i>For >3,600 To 4,800, Deduct</i>	-4.29	
<i>For >4,800 To 6,000, Deduct</i>	-7.76	
<i>For >6,000, Deduct</i>	-11.23	
31 63 36 00-0025 VLF 14" x 14" x 117 LB/FT, Placed In Drilled Hole, Rolled Steel H Pile.....	77.81	
<i>For >2,400 To 3,600, Deduct</i>	-2.35	
<i>For >3,600 To 4,800, Deduct</i>	-4.70	
<i>For >4,800 To 6,000, Deduct</i>	-8.59	
<i>For >6,000, Deduct</i>	-12.48	
31 63 36 00-0026 Welded Steel Stud Pins (31 63 36 00-0013)		
Note: Includes welding to steel piles.		
31 63 36 00-0027 EA 5/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins.....	13.40	
<i>For >50 To 150, Deduct</i>	-0.58	
<i>For >150 To 250, Deduct</i>	-1.21	
<i>For >250 To 500, Deduct</i>	-1.83	
<i>For >500, Deduct</i>	-2.46	
31 63 36 00-0028 EA 5/8" Diameter x 5" Long, Welded Steel Stud Pins.....	15.22	
<i>For >50 To 150, Deduct</i>	-0.58	
<i>For >150 To 250, Deduct</i>	-1.25	
<i>For >250 To 500, Deduct</i>	-1.92	
<i>For >500, Deduct</i>	-2.59	
31 63 36 00-0029 EA 5/8" Diameter x 7" Long, Welded Steel Stud Pins.....	16.97	
<i>For >50 To 150, Deduct</i>	-0.58	
<i>For >150 To 250, Deduct</i>	-1.30	
<i>For >250 To 500, Deduct</i>	-2.01	
<i>For >500, Deduct</i>	-2.73	
31 63 36 00-0030 EA 3/4" Diameter x 2-1/2" Long, Welded Steel Stud Pins.....	15.06	
<i>For >50 To 150, Deduct</i>	-0.61	
<i>For >150 To 250, Deduct</i>	-1.29	
<i>For >250 To 500, Deduct</i>	-1.97	
<i>For >500, Deduct</i>	-2.65	
31 63 36 00-0031 EA 3/4" Diameter x 5" Long, Welded Steel Stud Pins.....	17.82	
<i>For >50 To 150, Deduct</i>	-0.61	
<i>For >150 To 250, Deduct</i>	-1.36	
<i>For >250 To 500, Deduct</i>	-2.11	
<i>For >500, Deduct</i>	-2.86	

31 Earthwork**31 60 Special Foundations and Load-bearing Elements****31 63 Bored Piles**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	31 63 36 00-0032	EA	3/4" Diameter x 7" Long, Welded Steel Stud Pins	19.75	
			<i>For >50 To 150, Deduct</i>	-0.61	
			<i>For >150 To 250, Deduct</i>	-1.41	
			<i>For >250 To 500, Deduct</i>	-2.21	
			<i>For >500, Deduct</i>	-3.01	
	31 63 36 00-0033	EA	7/8" Diameter x 2-1/2" Long, Welded Steel Stud Pins	17.20	
			<i>For >50 To 150, Deduct</i>	-0.64	
			<i>For >150 To 250, Deduct</i>	-1.38	
			<i>For >250 To 500, Deduct</i>	-2.13	
			<i>For >500, Deduct</i>	-2.88	
	31 63 36 00-0034	EA	7/8" Diameter x 5" Long, Welded Steel Stud Pins	21.68	
			<i>For >50 To 150, Deduct</i>	-0.64	
			<i>For >150 To 250, Deduct</i>	-1.50	
			<i>For >250 To 500, Deduct</i>	-2.36	
			<i>For >500, Deduct</i>	-3.21	
	31 63 36 00-0035	EA	7/8" Diameter x 7" Long, Welded Steel Stud Pins	23.88	
			<i>For >50 To 150, Deduct</i>	-0.64	
			<i>For >150 To 250, Deduct</i>	-1.55	
			<i>For >250 To 500, Deduct</i>	-2.47	
			<i>For >500, Deduct</i>	-3.38	
	31 63 36 00-0036		Concrete Fill ^(31 63 36)		
			See CSI section 03 37 16 00-0001 for pumping equipment.		
	31 63 36 00-0037	VLF	18" Diameter Hole Pumped Concrete Fill For Drilled Pile	37.97	
	31 63 36 00-0038	VLF	20" Diameter Hole Pumped Concrete Fill For Drilled Pile	42.19	
	31 63 36 00-0039	VLF	22" Diameter Hole Pumped Concrete Fill For Drilled Pile	46.40	
	31 63 36 00-0040	VLF	24" Diameter Hole Pumped Concrete Fill For Drilled Pile	50.63	
	31 63 36 00-0041	VLF	26" Diameter Hole Pumped Concrete Fill For Drilled Pile	54.84	
	31 63 36 00-0042	VLF	28" Diameter Hole Pumped Concrete Fill For Drilled Pile	59.06	
	31 63 36 00-0043	VLF	30" Diameter Hole Pumped Concrete Fill For Drilled Pile	69.81	
	31 64 Caissons ^(31 60)				
	31 64 13 Box Caissons ^(31 64)				
	31 64 13 00-0001		Caisson In Stable Ground No Casing Or Ground Water ^(31 64 13)		
			Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		
	31 64 13 00-0002		Caisson In Stable Ground ^(31 64 13 00-0001)		
			Note: Includes 3000 PSI concrete and reinforcing.		
	31 64 13 00-0003	VLF	18" Diameter Caisson, No Casing Stable Ground, No Ground Water	54.00	
			Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
			<i>For >50' To 100' Deep, Add</i>	5.18	
			<i>For >100' To 150' Deep, Add</i>	13.50	
			<i>For >150' To 200' Deep, Add</i>	17.95	
			<i>For Right Angle Drilling, Add</i>	14.52	
	31 64 13 00-0004	VLF	24" Diameter Caisson, No Casing Stable Ground, No Ground Water	67.13	
			Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
			<i>For >50' To 100' Deep, Add</i>	7.04	
			<i>For >100' To 150' Deep, Add</i>	16.78	
			<i>For >150' To 200' Deep, Add</i>	23.06	
			<i>For Right Angle Drilling, Add</i>	16.19	
	31 64 13 00-0005	VLF	30" Diameter Caisson, No Casing Stable Ground, No Ground Water	94.59	
			Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
			<i>For >50' To 100' Deep, Add</i>	10.35	
			<i>For >100' To 150' Deep, Add</i>	23.65	
			<i>For >150' To 200' Deep, Add</i>	33.04	
			<i>For Right Angle Drilling, Add</i>	21.45	
	31 64 13 00-0006	VLF	36" Diameter Caisson, No Casing Stable Ground, No Ground Water	124.64	
			Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
			<i>For >50' To 100' Deep, Add</i>	14.09	
			<i>For >100' To 150' Deep, Add</i>	31.16	
			<i>For >150' To 200' Deep, Add</i>	44.10	
			<i>For Right Angle Drilling, Add</i>	26.86	
	31 64 13 00-0007	VLF	42" Diameter Caisson, No Casing Stable Ground, No Ground Water	159.17	
			Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
			<i>For >50' To 100' Deep, Add</i>	18.66	
			<i>For >100' To 150' Deep, Add</i>	39.79	
			<i>For >150' To 200' Deep, Add</i>	57.15	
			<i>For Right Angle Drilling, Add</i>	32.21	
	31 64 13 00-0008	VLF	48" Diameter Caisson No Casing Stable Ground, No Ground Water	190.67	
			Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
			<i>For >50' To 100' Deep, Add</i>	22.76	
			<i>For >100' To 150' Deep, Add</i>	47.67	
			<i>For >150' To 200' Deep, Add</i>	68.97	
			<i>For Right Angle Drilling, Add</i>	37.31	
	31 64 13 00-0009	VLF	54" Diameter Caisson No Casing Stable Ground, No Ground Water	229.43	
			Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
			<i>For >50' To 100' Deep, Add</i>	28.25	
			<i>For >100' To 150' Deep, Add</i>	57.36	
			<i>For >150' To 200' Deep, Add</i>	84.07	
			<i>For Right Angle Drilling, Add</i>	42.20	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0010 VLF 60" Diameter Caisson No Casing Stable Ground, No Ground Water 268.64 Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	33.81	
<i>For >100' To 150' Deep, Add</i>	67.16	
<i>For >150' To 200' Deep, Add</i>	99.35	
<i>For Right Angle Drilling, Add</i>	47.14	
31 64 13 00-0011 VLF 66" Diameter Caisson No Casing Stable Ground, No Ground Water 313.07 Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	40.07	
<i>For >100' To 150' Deep, Add</i>	78.27	
<i>For >150' To 200' Deep, Add</i>	116.61	
<i>For Right Angle Drilling, Add</i>	52.84	
31 64 13 00-0012 VLF 72" Diameter Caisson No Casing Stable Ground, No Ground Water 364.25 Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	47.34	
<i>For >100' To 150' Deep, Add</i>	91.06	
<i>For >150' To 200' Deep, Add</i>	136.58	
<i>For Right Angle Drilling, Add</i>	59.23	
31 64 13 00-0013 VLF 78" Diameter Caisson No Casing Stable Ground, No Ground Water 414.92 Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	54.68	
<i>For >100' To 150' Deep, Add</i>	103.73	
<i>For >150' To 200' Deep, Add</i>	156.52	
<i>For Right Angle Drilling, Add</i>	65.11	
31 64 13 00-0014 VLF 84" Diameter Caisson No Casing Stable Ground, No Ground Water 468.94 Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	62.56	
<i>For >100' To 150' Deep, Add</i>	117.24	
<i>For >150' To 200' Deep, Add</i>	177.85	
<i>For Right Angle Drilling, Add</i>	71.22	
31 64 13 00-0015 For Bell Excavation And Concrete, Add <small>(31 64 13 00-0001)</small>		
31 64 13 00-0016 EA Bell Excavation And Concrete, 4' Bell Diameter Stable Ground, 24" Shaft, 0.44 CY 417.35 <i>For >50' To 100' Deep, Add</i> 33.41 <i>For >100' To 150' Deep, Add</i> 104.34 <i>For >150' To 200' Deep, Add</i> 130.45		
31 64 13 00-0017 EA Bell Excavation And Concrete, 6' Bell Diameter Stable Ground, 30" Shaft, 1.57 CY 1,466.87 <i>For >50' To 100' Deep, Add</i> 117.60 <i>For >100' To 150' Deep, Add</i> 366.72 <i>For >150' To 200' Deep, Add</i> 458.72		
31 64 13 00-0018 EA Bell Excavation And Concrete, 7' Bell Diameter Stable Ground, 36" Shaft, 2.33 CY 2,213.87 <i>For >50' To 100' Deep, Add</i> 180.08 <i>For >100' To 150' Deep, Add</i> 553.47 <i>For >150' To 200' Deep, Add</i> 695.54		
31 64 13 00-0019 EA Bell Excavation And Concrete, 8' Bell Diameter Stable Ground, 42" Shaft, 3.30 CY 3,072.22 <i>For >50' To 100' Deep, Add</i> 250.34 <i>For >100' To 150' Deep, Add</i> 768.06 <i>For >150' To 200' Deep, Add</i> 965.77		
31 64 13 00-0020 EA Bell Excavation And Concrete, 9' Bell Diameter Stable Ground, 48" Shaft, 4.48 CY 4,179.40 <i>For >50' To 100' Deep, Add</i> 334.99 <i>For >100' To 150' Deep, Add</i> 1,044.85 <i>For >150' To 200' Deep, Add</i> 1,306.87		
31 64 13 00-0021 EA Bell Excavation And Concrete, 10' Bell Diameter Stable Ground, 60" Shaft, 5.24 CY 4,914.65 <i>For >50' To 100' Deep, Add</i> 393.77 <i>For >100' To 150' Deep, Add</i> 1,228.66 <i>For >150' To 200' Deep, Add</i> 1,536.57		
31 64 13 00-0022 EA Bell Excavation And Concrete, 12' Bell Diameter Stable Ground, 72" Shaft, 8.74 CY 8,337.41 <i>For >50' To 100' Deep, Add</i> 666.78 <i>For >100' To 150' Deep, Add</i> 2,084.35 <i>For >150' To 200' Deep, Add</i> 2,605.18		
31 64 13 00-0023 EA Bell Excavation And Concrete, 14' Bell Diameter Stable Ground, 84" Shaft, 13.6 CY 12,038.28 <i>For >50' To 100' Deep, Add</i> 971.70 <i>For >100' To 150' Deep, Add</i> 3,009.57 <i>For >150' To 200' Deep, Add</i> 3,772.76		
31 64 13 00-0024 Caisson In Wet Ground, Casing Pulled <small>(31 64 13)</small> Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		
31 64 13 00-0025 Caisson In Wet Ground <small>(31 64 13 00-0024)</small> Note: Includes 3000 PSI concrete and reinforcing.		
31 64 13 00-0026 VLF 18" Diameter Caisson Wet Ground, Casing Pulled 60.00 Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	5.59	
<i>For >100' To 150' Deep, Add</i>	15.00	
<i>For >150' To 200' Deep, Add</i>	19.74	
<i>For Right Angle Drilling, Add</i>	16.64	
31 64 13 00-0027 VLF 24" Diameter Caisson Wet Ground, Casing Pulled 100.17 Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	9.35	
<i>For >100' To 150' Deep, Add</i>	25.04	
<i>For >150' To 200' Deep, Add</i>	32.97	
<i>For Right Angle Drilling, Add</i>	27.76	

31 Earthwork**31 60 Special Foundations and Load-bearing Elements****31 64 Caissons**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64	13 00-0028	VLF	30" Diameter Caisson Wet Ground, Casing Pulled..... Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.	131.78	
			<i>For >50' To 100' Deep, Add</i>	12.96	
			<i>For >100' To 150' Deep, Add</i>	32.95	
			<i>For >150' To 200' Deep, Add</i>	44.20	
			<i>For Right Angle Drilling, Add</i>	34.47	
31 64	13 00-0029	VLF	36" Diameter Caisson Wet Ground, Casing Pulled..... Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.	180.57	
			<i>For >50' To 100' Deep, Add</i>	18.00	
			<i>For >100' To 150' Deep, Add</i>	45.14	
			<i>For >150' To 200' Deep, Add</i>	60.88	
			<i>For Right Angle Drilling, Add</i>	46.44	
31 64	13 00-0030	VLF	42" Diameter Caisson Wet Ground, Casing Pulled..... Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.	228.19	
			<i>For >50' To 100' Deep, Add</i>	23.49	
			<i>For >100' To 150' Deep, Add</i>	57.05	
			<i>For >150' To 200' Deep, Add</i>	77.86	
			<i>For Right Angle Drilling, Add</i>	56.36	
31 64	13 00-0031	VLF	48" Diameter Caisson Wet Ground, Casing Pulled..... Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.	272.51	
			<i>For >50' To 100' Deep, Add</i>	28.49	
			<i>For >100' To 150' Deep, Add</i>	68.13	
			<i>For >150' To 200' Deep, Add</i>	93.52	
			<i>For Right Angle Drilling, Add</i>	65.96	
31 64	13 00-0032	VLF	54" Diameter Caisson Wet Ground, Casing Pulled..... Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.	351.98	
			<i>For >50' To 100' Deep, Add</i>	36.83	
			<i>For >100' To 150' Deep, Add</i>	88.00	
			<i>For >150' To 200' Deep, Add</i>	120.84	
			<i>For Right Angle Drilling, Add</i>	85.09	
31 64	13 00-0033	VLF	60" Diameter Caisson Wet Ground, Casing Pulled..... Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.	430.84	
			<i>For >50' To 100' Deep, Add</i>	45.16	
			<i>For >100' To 150' Deep, Add</i>	107.71	
			<i>For >150' To 200' Deep, Add</i>	148.01	
			<i>For Right Angle Drilling, Add</i>	103.91	
31 64	13 00-0034	VLF	66" Diameter Caisson Wet Ground, Casing Pulled..... Note: 0.87 CY Concrete per VLF, 113 lbs rebar per VLF.	490.50	
			<i>For >50' To 100' Deep, Add</i>	52.49	
			<i>For >100' To 150' Deep, Add</i>	122.63	
			<i>For >150' To 200' Deep, Add</i>	169.84	
			<i>For Right Angle Drilling, Add</i>	114.94	
31 64	13 00-0035	VLF	72" Diameter Caisson Wet Ground, Casing Pulled..... Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.	556.86	
			<i>For >50' To 100' Deep, Add</i>	60.82	
			<i>For >100' To 150' Deep, Add</i>	139.22	
			<i>For >150' To 200' Deep, Add</i>	194.36	
			<i>For Right Angle Drilling, Add</i>	126.64	
31 64	13 00-0036	VLF	78" Diameter Caisson Wet Ground, Casing Pulled..... Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.	632.66	
			<i>For >50' To 100' Deep, Add</i>	69.92	
			<i>For >100' To 150' Deep, Add</i>	158.17	
			<i>For >150' To 200' Deep, Add</i>	221.84	
			<i>For Right Angle Drilling, Add</i>	141.32	
31 64	13 00-0037	VLF	84" Diameter Caisson Wet Ground, Casing Pulled..... Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.	712.24	
			<i>For >50' To 100' Deep, Add</i>	79.59	
			<i>For >100' To 150' Deep, Add</i>	178.06	
			<i>For >150' To 200' Deep, Add</i>	250.84	
			<i>For Right Angle Drilling, Add</i>	156.37	
31 64	13 00-0038		For Bell Excavation And Concrete, Add <small>(31 64 13 00-0024)</small>		
31 64	13 00-0039	EA	Bell Excavation And Concrete, 4' Bell Diameter Wet Ground 24" Shaft, 0.44 CY.....	482.50	
			<i>For >50' To 100' Deep, Add</i>	37.97	
			<i>For >100' To 150' Deep, Add</i>	120.63	
			<i>For >150' To 200' Deep, Add</i>	150.00	
31 64	13 00-0040	EA	Bell Excavation And Concrete, 6' Bell Diameter Wet Ground, 30" Shaft, 1.57 CY.....	1,680.40	
			<i>For >50' To 100' Deep, Add</i>	132.55	
			<i>For >100' To 150' Deep, Add</i>	420.10	
			<i>For >150' To 200' Deep, Add</i>	522.77	
31 64	13 00-0041	EA	Bell Excavation And Concrete, 7' Bell Diameter Wet Ground, 36" Shaft, 2.33 CY.....	2,330.96	
			<i>For >50' To 100' Deep, Add</i>	172.73	
			<i>For >100' To 150' Deep, Add</i>	582.74	
			<i>For >150' To 200' Deep, Add</i>	711.24	
31 64	13 00-0042	EA	Bell Excavation And Concrete, 8' Bell Diameter Wet Ground, 42" Shaft, 3.3 CY.....	3,686.81	
			<i>For >50' To 100' Deep, Add</i>	293.36	
			<i>For >100' To 150' Deep, Add</i>	921.70	
			<i>For >150' To 200' Deep, Add</i>	1,150.15	
31 64	13 00-0043	EA	Bell Excavation And Concrete, 9' Bell Diameter Wet Ground, 48" Shaft, 4.48 CY.....	4,787.95	
			<i>For >50' To 100' Deep, Add</i>	377.59	
			<i>For >100' To 150' Deep, Add</i>	1,196.99	
			<i>For >150' To 200' Deep, Add</i>	1,489.43	
31 64	13 00-0044	EA	Bell Excavation And Concrete, 10' Bell Diameter Wet Ground, 60" Shaft, 5.24 CY.....	5,630.59	
			<i>For >50' To 100' Deep, Add</i>	443.88	
			<i>For >100' To 150' Deep, Add</i>	1,407.65	
			<i>For >150' To 200' Deep, Add</i>	1,751.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0045 EA Bell Excavation And Concrete, 12' Bell Diameter Wet Ground, 72" Shaft, 8.74 CY.....	9,554.51	
<i>For >50' To 100' Deep, Add</i>	751.98	
<i>For >100' To 150' Deep, Add</i>	2,388.63	
<i>For >150' To 200' Deep, Add</i>	2,970.31	
31 64 13 00-0046 EA Bell Excavation And Concrete, 14' Bell Diameter Wet Ground, 84" Shaft, 13.6 CY.....	13,776.99	
<i>For >50' To 100' Deep, Add</i>	1,093.41	
<i>For >100' To 150' Deep, Add</i>	3,444.25	
<i>For >150' To 200' Deep, Add</i>	4,294.37	
31 64 13 00-0047 Caisson In Soft Rock And Medium Hard Shale <small>(31 64 13)</small>		
Note: Up to 50' deep. See CSI section 31 64 13 00-0070 for equipment set-up.		
31 64 13 00-0048 Caisson In Soft Rock <small>(31 64 13 00-0047)</small>		
Note: Includes 3000 PSI concrete and reinforcing.		
31 64 13 00-0049 VLF 18" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	235.32	
Note: 0.066 CY Concrete per VLF, 9 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	17.87	
<i>For >100' To 150' Deep, Add</i>	58.83	
<i>For >150' To 200' Deep, Add</i>	72.34	
<i>For Right Angle Drilling, Add</i>	78.00	
31 64 13 00-0050 VLF 24" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	392.41	
Note: 0.116 CY Concrete per VLF, 14 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	29.81	
<i>For >100' To 150' Deep, Add</i>	98.10	
<i>For >150' To 200' Deep, Add</i>	120.64	
<i>For Right Angle Drilling, Add</i>	130.04	
31 64 13 00-0051 VLF 30" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	591.37	
Note: 0.182 CY Concrete per VLF, 23 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	45.13	
<i>For >100' To 150' Deep, Add</i>	147.84	
<i>For >150' To 200' Deep, Add</i>	182.07	
<i>For Right Angle Drilling, Add</i>	195.32	
31 64 13 00-0052 VLF 36" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	755.13	
Note: 0.262 CY Concrete per VLF, 33 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	58.22	
<i>For >100' To 150' Deep, Add</i>	188.78	
<i>For >150' To 200' Deep, Add</i>	233.24	
<i>For Right Angle Drilling, Add</i>	247.54	
31 64 13 00-0053 VLF 42" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	972.12	
Note: 0.356 CY Concrete per VLF, 48 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	75.57	
<i>For >100' To 150' Deep, Add</i>	243.03	
<i>For >150' To 200' Deep, Add</i>	301.04	
<i>For Right Angle Drilling, Add</i>	316.74	
31 64 13 00-0054 VLF 48" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,171.42	
Note: 0.465 CY Concrete per VLF, 57 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	91.41	
<i>For >100' To 150' Deep, Add</i>	292.86	
<i>For >150' To 200' Deep, Add</i>	363.20	
<i>For Right Angle Drilling, Add</i>	380.57	
31 64 13 00-0055 VLF 54" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,432.31	
Note: 0.589 CY Concrete per VLF, 76 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	112.45	
<i>For >100' To 150' Deep, Add</i>	358.08	
<i>For >150' To 200' Deep, Add</i>	444.93	
<i>For Right Angle Drilling, Add</i>	463.21	
31 64 13 00-0056 VLF 60" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,692.83	
Note: 0.727 CY Concrete per VLF, 93 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	133.50	
<i>For >100' To 150' Deep, Add</i>	423.21	
<i>For >150' To 200' Deep, Add</i>	526.60	
<i>For Right Angle Drilling, Add</i>	545.60	
31 64 13 00-0057 VLF 66" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	1,858.10	
Note: 0.88 CY Concrete per VLF, 113 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	148.22	
<i>For >100' To 150' Deep, Add</i>	464.53	
<i>For >150' To 200' Deep, Add</i>	580.13	
<i>For Right Angle Drilling, Add</i>	593.60	
31 64 13 00-0058 VLF 72" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	2,029.24	
Note: 1.047 CY Concrete per VLF, 134 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	163.89	
<i>For >100' To 150' Deep, Add</i>	507.31	
<i>For >150' To 200' Deep, Add</i>	636.08	
<i>For Right Angle Drilling, Add</i>	641.98	
31 64 13 00-0059 VLF 78" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	2,076.65	
Note: 1.229 CY Concrete per VLF, 157 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	171.00	
<i>For >100' To 150' Deep, Add</i>	519.16	
<i>For >150' To 200' Deep, Add</i>	655.04	
<i>For Right Angle Drilling, Add</i>	646.72	
31 64 13 00-0060 VLF 84" Diameter Caisson, Soft Rock Medium Shale, No Casing/Ground Water.....	2,480.42	
Note: 1.425 CY Concrete per VLF, 183 lbs rebar per VLF.		
<i>For >50' To 100' Deep, Add</i>	203.36	
<i>For >100' To 150' Deep, Add</i>	620.11	
<i>For >150' To 200' Deep, Add</i>	781.29	
<i>For Right Angle Drilling, Add</i>	775.24	

31	31 Earthwork
	31 60 Special Foundations and Load-bearing Elements
	31 64 Caissons



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
31 64 13 00-0061 For Bell Excavation And Concrete, Add <small>(31 64 13 00-0047)</small>		
31 64 13 00-0062 EA Bell Excavation And Concrete, 4' Bell Diameter Soft Rock/Shale 24" Shaft 0.44 CY	833.65	
<i>For >50' To 100' Deep, Add</i>	62.55	
<i>For >100' To 150' Deep, Add</i>	208.41	
<i>For >150' To 200' Deep, Add</i>	255.34	
31 64 13 00-0063 EA Bell Excavation And Concrete, 6' Bell Diameter Soft Rock/Shale 30" Shaft 1.57 CY	2,933.31	
<i>For >50' To 100' Deep, Add</i>	220.25	
<i>For >100' To 150' Deep, Add</i>	733.33	
<i>For >150' To 200' Deep, Add</i>	898.65	
31 64 13 00-0064 EA Bell Excavation And Concrete, 7' Bell Diameter Soft Rock/Shale 36" Shaft 2.33 CY	4,390.22	
<i>For >50' To 100' Deep, Add</i>	332.42	
<i>For >100' To 150' Deep, Add</i>	1,097.56	
<i>For >150' To 200' Deep, Add</i>	1,348.45	
31 64 13 00-0065 EA Bell Excavation And Concrete, 8' Bell Diameter Soft Rock/Shale 42" Shaft 3.3 CY	6,251.55	
<i>For >50' To 100' Deep, Add</i>	472.89	
<i>For >100' To 150' Deep, Add</i>	1,562.89	
<i>For >150' To 200' Deep, Add</i>	1,919.57	
31 64 13 00-0066 EA Bell Excavation And Concrete, 9' Bell Diameter Soft Rock/Shale 48" Shaft 4.48 CY	8,271.34	
<i>For >50' To 100' Deep, Add</i>	621.43	
<i>For >100' To 150' Deep, Add</i>	2,067.84	
<i>For >150' To 200' Deep, Add</i>	2,534.45	
31 64 13 00-0067 EA Bell Excavation And Concrete, 10' Bell Diameter Soft Rock/Shale 60" Shaft 5.24 CY	10,082.86	
<i>For >50' To 100' Deep, Add</i>	755.54	
<i>For >100' To 150' Deep, Add</i>	2,520.72	
<i>For >150' To 200' Deep, Add</i>	3,087.04	
31 64 13 00-0068 EA Bell Excavation And Concrete, 12' Bell Diameter Soft Rock/Shale 72" Shaft 8.74 CY	15,231.16	
<i>For >50' To 100' Deep, Add</i>	1,149.34	
<i>For >100' To 150' Deep, Add</i>	3,807.79	
<i>For >150' To 200' Deep, Add</i>	4,673.30	
31 64 13 00-0069 EA Bell Excavation And Concrete, 14' Bell Diameter Soft Rock/Shale 84" Shaft 13.6 CY	22,900.17	
<i>For >50' To 100' Deep, Add</i>	1,732.03	
<i>For >100' To 150' Deep, Add</i>	5,725.04	
<i>For >150' To 200' Deep, Add</i>	7,031.33	
31 64 13 00-0070 Caisson Setup And Removal <small>(31 64 13)</small>		
Note: Includes mobilization of equipment, erection, dismantling of equipment, move off of site.		
31 64 13 00-0071 EA Erect, Set Up, Dismantle And Removal Of Caisson 18" To 36" Diameter, Complete	3,893.51	
31 64 13 00-0072 EA Erect, Set Up, Dismantle And Removal Of Caisson 48" To 84" Diameter, Complete	5,428.65	
31 64 13 00-0073 EA Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 18" To 36" Diameter.....	1,857.77	
31 64 13 00-0074 EA Dismantle, Relocate, Erect And Set Up On Site At Different Location (During Same Phase Of Work), Caisson 48" To 84" Diameter.....	2,477.03	
31 64 13 00-0075 EA Relocate Caisson Equipment To Different Hole On-Site Without Dismantling.....	154.82	

END OF SECTION 31

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 Exterior Improvements

32 01 Operation and Maintenance of Exterior Improvements ⁽³²⁾

32 01 11 Paving Cleaning ^(32 01)

32 01 11 53 Paint Removal from Paving ^(32 01 11)

32 01 11 53-0001 Remove Pavement Markings ^(32 01 11 53)

Note: Includes stripe removal by grinding, vacuuming of removed striped area and containment of debris.

32 01 11 53-0002	LF Removal Of 4" Wide Painted Or Epoxy Pavement Striping	2.05	
	For Up To 250, Add	1.03	
	For >250 To 1,000, Add	0.51	
	For >5,000 To 10,000, Deduct	-0.31	
	For >10,000 To 25,000, Deduct	-0.51	
	For >25,000 To 50,000, Deduct	-0.72	
	For >50,000, Deduct	-0.82	
32 01 11 53-0003	LF Removal Of 6" Wide Painted Or Epoxy Pavement Striping	2.46	
	For Up To 250, Add	1.23	
	For >250 To 1,000, Add	0.62	
	For >5,000 To 10,000, Deduct	-0.37	
	For >10,000 To 25,000, Deduct	-0.62	
	For >25,000 To 50,000, Deduct	-0.86	
	For >50,000, Deduct	-0.98	
32 01 11 53-0004	LF Removal Of 8" Wide Painted Or Epoxy Pavement Striping	2.95	
	For Up To 250, Add	1.48	
	For >250 To 1,000, Add	0.74	
	For >5,000 To 10,000, Deduct	-0.44	
	For >10,000 To 25,000, Deduct	-0.74	
	For >25,000 To 50,000, Deduct	-1.03	
	For >50,000, Deduct	-1.18	
32 01 11 53-0005	LF Removal Of 12" Wide Painted Or Epoxy Pavement Striping	3.53	
	For Up To 250, Add	1.77	
	For >250 To 1,000, Add	0.88	
	For >5,000 To 10,000, Deduct	-0.53	
	For >10,000 To 25,000, Deduct	-0.88	
	For >25,000 To 50,000, Deduct	-1.24	
	For >50,000, Deduct	-1.41	
32 01 11 53-0006	SF Removal Of Painted Or Epoxy Pavement Marking, Letters Or Symbols	3.53	
	For Up To 250, Add	1.77	
	For >250 To 1,000, Add	0.88	
	For >5,000 To 10,000, Deduct	-0.53	
	For >10,000 To 25,000, Deduct	-0.88	
	For >25,000 To 50,000, Deduct	-1.24	
	For >50,000, Deduct	-1.41	
32 01 11 53-0007	LF Removal Of 4" Wide Thermoplastic Pavement Striping	2.63	
	For Up To 250, Add	1.32	
	For >250 To 1,000, Add	0.66	
	For >5,000 To 10,000, Deduct	-0.39	
	For >10,000 To 25,000, Deduct	-0.66	
	For >25,000 To 50,000, Deduct	-0.92	
	For >50,000, Deduct	-1.05	
32 01 11 53-0008	LF Removal Of 6" Wide Thermoplastic Pavement Striping	3.10	
	For Up To 250, Add	1.55	
	For >250 To 1,000, Add	0.78	
	For >5,000 To 10,000, Deduct	-0.47	
	For >10,000 To 25,000, Deduct	-0.78	
	For >25,000 To 50,000, Deduct	-1.09	
	For >50,000, Deduct	-1.24	
32 01 11 53-0009	LF Removal Of 8" Wide Thermoplastic Pavement Striping	3.75	
	For Up To 250, Add	1.88	
	For >250 To 1,000, Add	0.94	
	For >5,000 To 10,000, Deduct	-0.56	
	For >10,000 To 25,000, Deduct	-0.94	
	For >25,000 To 50,000, Deduct	-1.31	
	For >50,000, Deduct	-1.50	
32 01 11 53-0010	LF Removal Of 12" Wide Thermoplastic Pavement Striping	4.49	
	For Up To 250, Add	2.25	
	For >250 To 1,000, Add	1.12	
	For >5,000 To 10,000, Deduct	-0.67	
	For >10,000 To 25,000, Deduct	-1.12	
	For >25,000 To 50,000, Deduct	-1.57	
	For >50,000, Deduct	-1.80	
32 01 11 53-0011	SF Removal Of Thermoplastic Pavement Marking, Letters Or Symbols	4.49	
	For Up To 250, Add	2.25	
	For >250 To 1,000, Add	1.12	
	For >5,000 To 10,000, Deduct	-0.67	
	For >10,000 To 25,000, Deduct	-1.12	
	For >25,000 To 50,000, Deduct	-1.57	
	For >50,000, Deduct	-1.80	

32 01 13 Flexible Paving Surface Treatment ^(32 01)

32 01 13 61 Slurry Seal (Latex Modified) ^(32 01 13)

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 13 Flexible Paving Surface Treatment**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 01 13 61-0001		Asphalt Seal Coating, For Roads And Parking Lot <small>(32 01 13 61)</small>	
		Note: Includes sweeping and cleaning of area.	
32 01 13 61-0002	EA	Asphalt Seal Coating Minimum Charge	797.61
		Note: For projects where the total charges are less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	
32 01 13 61-0003	SY	Up To 500 SY, Type II Slurry Seal Asphalt Coating, Per Coat.....	4.29
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.33
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.39
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.49
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.43
32 01 13 61-0004	SY	>500 To 1,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.99
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.31
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.37
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.47
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.43
32 01 13 61-0005	SY	>1,000 To 5,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.77
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.30
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.36
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.46
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.43
32 01 13 61-0006	SY	>5,000 To 20,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.55
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.29
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.35
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.45
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.43
32 01 13 61-0007	SY	>20,000 To 50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.36
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.28
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.34
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.44
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.43
32 01 13 61-0008	SY	>50,000 SY, Type II Slurry Seal Asphalt Coating, Per Coat	3.17
		Note: 1/4" thick, 14 to 18 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.27
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.33
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.43
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.43
32 01 13 61-0009	SY	Up To 500 SY, Type III Slurry Seal Asphalt Coating, Per Coat	5.39
		Note: 3/8" thick, 25 to 30 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.34
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.40
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.50
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.69
32 01 13 61-0010	SY	>500 To 1,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	5.07
		Note: 3/8" thick, 25 to 30 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.32
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.38
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.48
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.69
32 01 13 61-0011	SY	>1,000 To 5,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	4.83
		Note: 3/8" thick, 25 to 30 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.31
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.37
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.47
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.69
32 01 13 61-0012	SY	>5,000 To 20,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	4.60
		Note: 3/8" thick, 25 to 30 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.30
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.36
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.46
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.69
32 01 13 61-0013	SY	>20,000 To 50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	4.40
		Note: 3/8" thick, 25 to 30 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.29
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.35
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.45
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.69
32 01 13 61-0014	SY	>50,000 SY, Type III Slurry Seal Asphalt Coating, Per Coat	4.20
		Note: 3/8" thick, 25 to 30 Lbs/SY.	
		<i>For Tire Rubber Modified Slurry Seal (TRMSS), Add</i>	0.28
		<i>For Rubberized Emulsion Aggregate Slurry (REAS), Add</i>	0.34
		<i>For Rubberized Polymer Modified Emulsion (RPME), Add</i>	0.44
		<i>For Each 0.5% Of Latex Addition, Add</i>	0.69

32 01 13 62 Asphalt Surface Treatment (32 01 13)

32 01 13 62-0001		Polymer-Modified, Microsurfacing Emulsion (MSE Microsurfacing) <small>(32 01 13 62)</small>	
		Note: Use a blend of emulsified quick-set polymer-modified emulsion asphalt and latex-based polymer. Includes sweeping and cleaning of area.	
32 01 13 62-0002	SY	Up To 200 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.69
32 01 13 62-0003	SY	Up To 500 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	9.20
32 01 13 62-0004	SY	>500 To 1,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE)	8.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 13 62-0005 SY >1,000 To 5,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.41	
32 01 13 62-0006 SY >5,000 To 10,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	8.07	
32 01 13 62-0007 SY >10,000 To 20,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	7.78	
32 01 13 62-0008 SY >20,000 To 50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	7.58	
32 01 13 62-0009 SY >50,000 SY, 3/8" Polymer-Modified Microsurfacing Emulsion (MSE).....	7.46	
32 01 16 Flexible Paving Rehabilitation <small>(32 01)</small>		
32 01 16 71 Cold Milling Asphalt Pavement <small>(32 01 16)</small>		
32 01 16 71-0001 Removal Of Asphalt Surface Course <small>(32 01 16 71)</small>		
Note: Includes direct loading into truck.		
32 01 16 71-0002 Production Cold Milling Of Roads And Parking Areas <small>(32 01 16 71-0001)</small>		
Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0045 for hauling.		
32 01 16 71-0003 SY Up To 3" Depth, Production Cold Milling Of Asphalt.....	4.49	
For Up To 2,500, Add	3.37	
For >2,500 To 5,000, Add	1.12	
For >10,000 To 25,000, Deduct	-0.45	
For >25,000, Deduct	-0.67	
32 01 16 71-0004 SY >3" To 6" Depth, Production Cold Milling Of Asphalt.....	5.98	
For Up To 2,500, Add	4.49	
For >2,500 To 5,000, Add	1.50	
For >10,000 To 25,000, Deduct	-0.60	
For >25,000, Deduct	-0.90	
32 01 16 71-0005 SY >6" To 12" Depth, Production Cold Milling Of Asphalt.....	7.96	
For Up To 2,500, Add	5.97	
For >2,500 To 5,000, Add	1.99	
For >10,000 To 25,000, Deduct	-0.80	
For >25,000, Deduct	-1.19	
32 01 16 71-0006 Limited Production Cold Milling <small>(32 01 16 71-0001)</small>		
Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0045 for hauling.		
32 01 16 71-0007 SY Up To 3" Depth, Limited Cold Milling Of Asphalt.....	28.38	
For >100 To 1,000, Deduct	-14.19	
For >1,000, Deduct	-21.29	
32 01 16 71-0008 SY >3" To 6" Depth, Limited Cold Milling Of Asphalt.....	37.58	
For >100 To 1,000, Deduct	-18.79	
For >1,000, Deduct	-28.19	
32 01 16 71-0009 SY >6" To 12" Depth, Limited Cold Milling Of Asphalt.....	50.05	
For >100 To 1,000, Deduct	-25.03	
For >1,000, Deduct	-37.54	
32 01 16 71-0010 Grind, Leave In-Place Asphalt Grindings <small>(32 01 16 71)</small>		
Note: For use as subbase material, includes spreading and rolling.		
32 01 16 71-0011 SY Grind, Leave In-Place As Subbase Course, 6-9" Depth.....	7.33	
32 01 16 74 In Place Hot Reused Asphalt Paving <small>(32 01 16)</small>		
32 01 16 74-0001 Rejuvenate, Respread Asphalt Pavement <small>(32 01 16 74)</small>		
Note: Includes direct loading into truck.		
32 01 16 74-0002 SY Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep.....	11.85	
32 01 16 74-0003 SY Removal, Rejuvenation, And Respreading Of Asphalt Grindings To 1/2" Deep, Previously Sealed Cold Tar.....	13.49	
32 01 16 74-0004 TON Removal, Rejuvenation, And Respreading Of Asphalt Grindings.....	191.92	
32 01 16 74-0005 Reclamation, Pulverize And Blending With Existing <small>(32 01 16 74)</small>		
Note: Includes direct loading into truck.		
32 01 16 74-0006 SY Up To 2" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	15.29	
32 01 16 74-0007 SY Up To 2" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	7.64	
32 01 16 74-0008 SY Up To 2" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.82	
32 01 16 74-0009 SY Up To 2" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.62	
32 01 16 74-0010 SY >2" To 3" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.17	
32 01 16 74-0011 SY >2" To 3" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	16.68	
32 01 16 74-0012 SY >2" To 3" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	8.34	
32 01 16 74-0013 SY >2" To 3" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	3.93	
32 01 16 74-0014 SY >3" To 4" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	18.35	
32 01 16 74-0015 SY >3" To 4" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	9.17	

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 16 Flexible Paving Rehabilitation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01	16 74-0016	SY	>3" To 4" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.59	
32 01	16 74-0017	SY	>3" To 4" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.23	
32 01	16 74-0018	SY	>4" To 8" Thick Pavement, Up To 1,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	20.01	
32 01	16 74-0019	SY	>4" To 8" Thick Pavement, >1,000 To 5,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	10.00	
32 01	16 74-0020	SY	>4" To 8" Thick Pavement, >5,000 To 15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	5.00	
32 01	16 74-0021	SY	>4" To 8" Thick Pavement, >15,000 SY, Reclamation, Pulverizing And Blending With Existing Base; Aggregate Base.....	4.66	
32 01	16 74-0022	EA	Mobilization And Demobilization For Reclamation, Pulverizing And Blending Crew.....	1,719.91	

32 01 17 Flexible Paving Repair (32 01)

See CSI section 32 12 16 00-0000 for large area resurfacing.

32 01 17 61 Sealing Cracks in Asphalt Paving (32 01 17)

Note: Includes removing loose materials and cleaning.

32 01 17 61-0001 Hot-Applied, Pourable, Self-Adhesive Asphalt Binder Compounded With Standard Weight Aggregate Longitudinal Crack And Sealing Repair (32 01 17 61)

Note: Includes removing loose materials and cleaning.

32 01	17 61-0002	LF	Up To 200 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.77	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.52	
			For 1" x 1/2" Fill, Add	0.99	
			For Backer Rod, Add	1.07	
32 01	17 61-0003	LF	>200 To 500 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.45	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.43	
			For 1" x 1/2" Fill, Add	0.83	
			For Backer Rod, Add	0.96	
32 01	17 61-0004	LF	>500 To 2,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.15	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.35	
			For 1" x 1/2" Fill, Add	0.67	
			For Backer Rod, Add	0.85	
32 01	17 61-0005	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	1.00	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.31	
			For 1" x 1/2" Fill, Add	0.59	
			For Backer Rod, Add	0.79	
32 01	17 61-0006	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.88	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.27	
			For 1" x 1/2" Fill, Add	0.52	
			For Backer Rod, Add	0.74	
32 01	17 61-0007	LF	>10,000 LF Fill Cracks Up To 1/2" x 1/2" With Hot Asphalt Crack Filler.....	0.81	
			Note: Includes air cleaning of cracks. Excludes backer rod where required and routing of crack.		
			For 3/4" x 1/2" Fill, Add	0.25	
			For 1" x 1/2" Fill, Add	0.47	
			For Backer Rod, Add	0.70	
32 01	17 61-0008	LF	Up To 200 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	3.03	
			For 3/8" x 1/4" Fill, Add	0.73	
			For 1/2" x 1/4" Fill, Add	1.35	
			For 1/2" x 1/2" Fill, Add	3.27	
32 01	17 61-0009	LF	>200 To 500 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	2.44	
			For 3/8" x 1/4" Fill, Add	0.60	
			For 1/2" x 1/4" Fill, Add	1.11	
			For 1/2" x 1/2" Fill, Add	2.72	
32 01	17 61-0010	LF	>500 To 2,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.89	
			For 3/8" x 1/4" Fill, Add	0.48	
			For 1/2" x 1/4" Fill, Add	0.89	
			For 1/2" x 1/2" Fill, Add	2.19	
32 01	17 61-0011	LF	>2,000 To 5,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.66	
			For 3/8" x 1/4" Fill, Add	0.42	
			For 1/2" x 1/4" Fill, Add	0.78	
			For 1/2" x 1/2" Fill, Add	1.94	
32 01	17 61-0012	LF	>5,000 To 10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.51	
			For 3/8" x 1/4" Fill, Add	0.38	
			For 1/2" x 1/4" Fill, Add	0.71	
			For 1/2" x 1/2" Fill, Add	1.75	
32 01	17 61-0013	LF	>10,000 LF Fill Cracks Up To 1/4" x 1/4" With Cold Pour Rubberized Asphalt Crack Filler.....	1.40	
			For 3/8" x 1/4" Fill, Add	0.35	
			For 1/2" x 1/4" Fill, Add	0.65	
			For 1/2" x 1/2" Fill, Add	1.60	
32 01	17 61-0014	LF	For Routing And Cleaning Of Crack, Add Per 1/2" Depth.....	0.51	

32 01 17 63 Flexible Pavement Repair (32 01 17)**32 01 17 63-0001 Temporary Pot Hole Repair** (32 01 17 63)

Note: Includes removal of loose material and moisture, bonding agent, compaction, safety cones and hauling up to 15 miles. Excludes signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 17 63-0002 EA Temporary Pot Hole Repairs With Cold Mix Modified, Up To 3 Tons	1,545.77	
32 01 17 63-0003 TON Temporary Pot Hole Repairs With Cold Mix Modified.....	465.60	
Note: Use for each ton over 3 tons.		
32 01 17 63-0004 EA Temporary Pot Hole Repairs With Cold Mix, Up To 3 Tons.....	1,483.67	
32 01 17 63-0005 TON Temporary Pot Hole Repairs With Cold Mix	444.90	
Note: Use for each ton over 3 tons.		
32 01 17 63-0006 EA Temporary Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,452.62	
32 01 17 63-0007 TON Temporary Pot Hole Repairs With Hot Mix Modified.....	434.55	
Note: Use for each ton over 3 tons.		
32 01 17 63-0008 EA Temporary Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,421.57	
32 01 17 63-0009 TON Temporary Pot Hole Repairs With Hot Mix	424.20	
Note: Use for each ton over 3 tons.		
32 01 17 63-0010 Permanent Pot Hole Repair <small>(32 01 17 63)</small>		
Note: Includes removal of loose material and moisture, saw cutting, chipping, squaring off, bonding agent, compaction and hauling up to 15 miles Tasks do not include signage, barricades, flagmen, field survey or marking. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.		
32 01 17 63-0011 EA Permanent Pot Hole Repairs With Cold Mix, Up To 3 Tons	1,694.62	
32 01 17 63-0012 TON Permanent Pot Hole Repairs With Cold Mix	550.32	
Note: Use for each ton over 3 tons.		
32 01 17 63-0013 EA Permanent Pot Hole Repairs With Hot Mix Modified, Up To 3 Tons.....	1,663.57	
32 01 17 63-0014 TON Permanent Pot Hole Repairs With Hot Mix Modified	539.97	
Note: Use for each ton over 3 tons.		
32 01 17 63-0015 EA Permanent Pot Hole Repairs With Hot Mix, Up To 3 Tons	1,632.52	
32 01 17 63-0016 TON Permanent Pot Hole Repairs With Hot Mix	529.62	
Note: Use for each ton over 3 tons.		
32 01 17 63-0017 Asphalt Placement For Small Repairs <small>(32 01 17 63)</small>		
Note: This section is used for placing up to 100 tons of asphalt after a small area of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc. Includes mobilization of paving equipment such as a roller, placing the asphalt, compaction and hauling up to 15 miles. Excludes saw cutting, demolition of existing pavement, and new subbase material. Use approximately 0.055 tons per square yard per inch of depth. See CSI section 02 41 19 13-0001 for saw cutting.		
32 01 17 63-0018 TON Asphalt Placement For Small Repair Areas, Cold Mix Modified	294.67	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0019 EA Asphalt Placement For Small Repair Areas, Cold Mix, Up To 3 Tons	2,172.10	
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0020 TON Asphalt Placement For Small Repair Areas, Cold Mix.....	273.97	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0021 EA Asphalt Placement For Small Repair Areas, Hot Mix Modified, Up To 3 Tons	2,141.05	
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0022 TON Asphalt Placement For Small Repair Areas, Hot Mix Modified	263.62	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0023 EA Asphalt Placement For Small Repair Areas, Hot Mix, Up To 3 Tons	2,110.00	
Note: For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0024 TON Asphalt Placement For Small Repair Areas, Hot Mix.....	253.27	
Note: For each ton over 3 to 100 tons. For small areas of existing asphalt is removed to allow work such as trenching across or in a road, excavating a drainage structure, uncovering a utility line, etc.		
32 01 17 63-0025 Grind Asphalt <small>(32 01 17 63)</small>		
32 01 17 63-0026 SY Grinding Asphalt To Level Bump Or Raised Area.....	20.57	
32 01 26 Rigid Paving Rehabilitation <small>(32 01)</small>		
32 01 26 71 Grooving of Concrete Paving <small>(32 01 26)</small>		
32 01 26 71-0001 Roadway Grooving <small>(32 01 26 71)</small>		
32 01 26 71-0002 EA First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3,921.37	
32 01 26 71-0003 SY Each SY Over First 500 SY Of Pavement Grooving, Concrete, Longitudinal	3.63	
32 01 26 71-0004 EA First 500 SY Of Pavement Grooving, Concrete, Traverse	4,368.54	
32 01 26 71-0005 SY Each SY Over First 500 SY Of Pavement Grooving, Concrete, Traverse	4.73	
32 01 26 71-0006 Rumble Strips <small>(32 01 26 71)</small>		
32 01 26 71-0007 EA First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....	4,268.20	
32 01 26 71-0008 LF Each LF Over First 5280 LF Of MIARDS, Rumble Strips, Asphalt.....	0.77	
32 01 26 71-0009 EA First 2000 LF Of MIARDS, Rumble Strips, Concrete	4,756.52	
32 01 26 71-0010 LF Each LF Over First 2000 LF Of MIARDS, Rumble Strips, Concrete	0.87	
32 01 26 73 Milling Of Concrete Paving <small>(32 01 26)</small>		
32 01 26 73-0001 Removal Of Concrete <small>(32 01 26 73)</small>		
Note: Includes direct loading into truck.		

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 26 Rigid Paving Rehabilitation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 01 26 73-0002	Production Milling Of Roads And Parking Areas <small>(32 01 26 73-0001)</small> Note: For removal of entire lanes of roads or parking areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0045 for hauling.		
32 01 26 73-0003	SY Production Milling Of Concrete Per Inch.....	6.79	
32 01 26 73-0004	Limited Production Milling <small>(32 01 26 73-0001)</small> Note: For cross sections of roadways, trenching, partial shoulders, and other small or narrow areas. Includes work around man holes, scuppers, drainage structures, catch basins, etc. Includes sweeping and loading into truck. See CSI section 01 74 19 00-0045 for hauling.		
32 01 26 73-0005	SY Limited Production Milling Of Concrete Per Inch	42.66	

32 01 29 Rigid Paving Repair (32 01)**32 01 29 61 Partial Depth Patching of Rigid Paving** (32 01 29)

32 01 29 61-0001	Hot Applied Flexible Concrete Repair <small>(32 01 29 61)</small> Note: Excludes saw cutting (where required), flagmen.		
32 01 29 61-0002	EA Hot Applied Flexible Concrete Repair Minimum Charge.....	1,163.72	
	Note: For projects where the total Hot Applied Flexible Concrete Repair In Asphaltcharge is less than the minimum charge, use task "Minimum Charge For Hot Applied Flexible Concrete Repair" exclusively. Task "Minimum Charge For Hot Applied Flexible Concrete Repair" should not be used in conjunction with any other tasks in this section.		
32 01 29 61-0003	SF Up To 2" Depth, Hot Applied Flexible Concrete Repair	67.13	
	<i>For >25 SF Quantity, Deduct</i>	-6.71	
32 01 29 61-0004	SF >2" To 4" Depth, Hot Applied Flexible Concrete Repair.....	126.55	
	<i>For >25 SF Quantity, Deduct</i>	-12.66	
32 01 29 61-0005	SF >4" To 6" Depth, Hot Applied Flexible Concrete Repair.....	185.45	
	<i>For >25 SF Quantity, Deduct</i>	-18.55	
32 01 29 61-0006	SF >6" To 8" Depth, Hot Applied Flexible Concrete Repair.....	244.36	
	<i>For >25 SF Quantity, Deduct</i>	-24.44	
32 01 29 61-0007	SF >8" To 10" Depth, Hot Applied Flexible Concrete Repair.....	303.26	
	<i>For >25 SF Quantity, Deduct</i>	-30.33	
32 01 29 61-0008	CF >10" Depth, Hot Applied Flexible Concrete Repair	361.66	

32 01 29 61-0009	Cold Applied Flexible Concrete Repair <small>(32 01 29 61)</small>		
32 01 29 61-0010	SF 1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water).....	6.40	
32 01 29 61-0011	SF 1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water).....	9.29	
32 01 29 61-0012	SF 1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water).....	12.30	
32 01 29 61-0013	SF 3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water).....	15.39	
32 01 29 61-0014	SF 1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with water).....	22.00	
32 01 29 61-0015	SF 1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R).....	6.48	
32 01 29 61-0016	SF 1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R).....	9.38	
32 01 29 61-0017	SF 1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R).....	12.38	
32 01 29 61-0018	SF 3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R).....	15.48	
32 01 29 61-0019	SF 1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with SikaLatex R).....	22.09	
32 01 29 61-0020	SF 1/8" To 1/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R).....	6.44	
32 01 29 61-0021	SF 1/4" To 1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R).....	9.33	
32 01 29 61-0022	SF 1/2" To 3/4" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R).....	12.34	
32 01 29 61-0023	SF 3/4" To 1" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R).....	15.44	
32 01 29 61-0024	SF 1" To 1-1/2" Thick, Portland Cement Concrete Patching (SikaRepair-223 mixed with diluted SikaLatex R).....	22.05	

32 01 90 Operation and Maintenance of Planting (32 01)

Note: These tasks are to be used as requested by the owner to maintain existing conditions.

32 01 90 13	Fertilizing <small>(32 01 90)</small>		
32 01 90 13-0001	MSF Fertilizer - 2 LB Of Nitrogen/MSF (Granular)	14.32	
32 01 90 13-0002	MSF Fertilizer - 2 LB Of Nitrogen/MSF (Liquid).....	10.34	
32 01 90 13-0003	MSF Fertilizer - 0.5 LB Of Nitrogen/MSF (Granular)	11.33	
32 01 90 13-0004	MSF Fertilizer - 0.5 LB Of Nitrogen/MSF (Liquid).....	9.26	
32 01 90 19	Mowing <small>(32 01 90)</small>		
32 01 90 19-0001	ACR Vegetation Cutting By Bush Hog	201.89	
	Note: Includes normal debris removal, cutting, and trimming.		
	<i>For <1 Acre, Add</i>	50.47	
32 01 90 19-0002	MSF Mowing Vegetation With Riding Mower, >20,000 To 45,000 SF.....	7.00	
32 01 90 19-0003	MSF Mowing Vegetation With Riding Mower, >45,000 SF	5.43	
32 01 90 19-0004	MSF Clear Vegetation With Weed Trimmer, Up To 1,000 SF	23.55	
	<i>For Work On Slopes >2:1, Add</i>	5.89	
	<i>For Clearing Light Brush, Add</i>	3.53	
32 01 90 19-0005	MSF Clear Vegetation With Weed Trimmer, >1,000 SF.....	19.77	
	<i>For Work On Slopes >2:1, Add</i>	4.94	
	<i>For Clearing Light Brush, Add</i>	2.97	
32 01 90 19-0006	MSF Blow Or Vacuum Dispersed Non-Native Seed After Bulk Of Biomass Removed	20.62	

32 01 90 23 Pruning (32 01 90)

MINOR	UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 01 90 23-0001		Tree Pruning <small>(32 01 90 23)</small> Note: Types of pruning for mature trees (these standards are established by the ISA - International Society of Arboriculture). Includes loading onto truck or dumpster.	
32 01 90 23-0002		Tree Pruning; Crown Cleaning <small>(32 01 90 23-0001)</small> Note: Crown cleaning or cleaning out is the removal of dead, dying, diseased, crowded, weakly attached, and low-vigor branches and waterspouts from a tree crown.	
	32 01 90 23-0003	EA 1-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	29.46
	32 01 90 23-0004	EA 2" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	33.67
	32 01 90 23-0005	EA 2-1/2" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	37.88
	32 01 90 23-0006	EA 3" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	42.09
	32 01 90 23-0007	EA 4" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	63.97
	32 01 90 23-0008	EA 4" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	107.51
	32 01 90 23-0009	EA 6" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	111.95
	32 01 90 23-0010	EA 6" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	204.76
	32 01 90 23-0011	EA 9" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	179.26
	32 01 90 23-0012	EA 9" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	327.55
	32 01 90 23-0013	EA 12" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	207.13
	32 01 90 23-0014	EA 12" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	378.80
	32 01 90 23-0015	EA 18" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	240.79
	32 01 90 23-0016	EA 18" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	440.22
	32 01 90 23-0017	EA 24" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	293.10
	32 01 90 23-0018	EA 24" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	532.45
	32 01 90 23-0019	EA 30" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	364.10
	32 01 90 23-0020	EA 30" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	671.05
	32 01 90 23-0021	EA 36" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	498.69
	32 01 90 23-0022	EA 36" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	909.50
	32 01 90 23-0023	EA 48" Caliper, Tree Pruning (Crown Cleaning), By Hand.....	791.17
	32 01 90 23-0024	EA 48" Caliper, Tree Pruning (Crown Cleaning), Aerial Lift Equipment.....	1,462.62
32 01 90 23-0025		Tree Pruning; Crown Thinning <small>(32 01 90 23-0001)</small> Note: Crown thinning includes crown cleaning and the selective removal of branches to increase light penetration and air movement into the crown. Increased light and air stimulates and maintains interior foliage, which in turn improves branch taper and strength. Thinning reduces the wind-sail effect of the crown and the weight of the heavy limbs. Thinning the crown can emphasize the structural beauty of the trunk and branches as well as improve the growth of plants beneath the tree by increasing light penetration. When thinning the crown of mature trees, seldom should more than one-third of the live foliage be removed. At least one-half of the foliage should be on branches that arise in the lower two-thirds of the trees. Likewise, when thinning laterals from a limb, an effort should be made to retain inner lateral branches and leave the same distribution of foliage along the branch. Trees and branches so pruned will have stress more evenly distributed throughout the tree or along a branch.	
	32 01 90 23-0026	EA 1-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand.....	36.12
	32 01 90 23-0027	EA 2" Caliper, Tree Pruning (Crown Thinning), By Hand.....	41.25
	32 01 90 23-0028	EA 2-1/2" Caliper, Tree Pruning (Crown Thinning), By Hand.....	46.39
	32 01 90 23-0029	EA 3" Caliper, Tree Pruning (Crown Thinning), By Hand.....	51.60
	32 01 90 23-0030	EA 4" Caliper, Tree Pruning (Crown Thinning), By Hand.....	78.37
	32 01 90 23-0031	EA 4" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	131.66
	32 01 90 23-0032	EA 6" Caliper, Tree Pruning (Crown Thinning), By Hand.....	137.13
	32 01 90 23-0033	EA 6" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	250.84
	32 01 90 23-0034	EA 9" Caliper, Tree Pruning (Crown Thinning), By Hand.....	219.63
	32 01 90 23-0035	EA 9" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	401.24
	32 01 90 23-0036	EA 12" Caliper, Tree Pruning (Crown Thinning), By Hand.....	253.72
	32 01 90 23-0037	EA 12" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	464.00
	32 01 90 23-0038	EA 18" Caliper, Tree Pruning (Crown Thinning), By Hand.....	294.96
	32 01 90 23-0039	EA 18" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	539.25
	32 01 90 23-0040	EA 24" Caliper, Tree Pruning (Crown Thinning), By Hand.....	359.03
	32 01 90 23-0041	EA 24" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	652.28
	32 01 90 23-0042	EA 30" Caliper, Tree Pruning (Crown Thinning), By Hand.....	445.98
	32 01 90 23-0043	EA 30" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	822.03
	32 01 90 23-0044	EA 36" Caliper, Tree Pruning (Crown Thinning), By Hand.....	610.90
	32 01 90 23-0045	EA 36" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	1,114.12
	32 01 90 23-0046	EA 48" Caliper, Tree Pruning (Crown Thinning), By Hand.....	969.17
	32 01 90 23-0047	EA 48" Caliper, Tree Pruning (Crown Thinning), Aerial Lift Equipment.....	1,791.70
32 01 90 23-0048		Tree Pruning; Crown Raising <small>(32 01 90 23-0001)</small> Note: Crown raising removes the lower branches of a tree in order to provide clearance for buildings, vehicles, pedestrians, and vistas. It is important that a tree have at least one-half of its foliage on branches that originate in the lower two-thirds of its trunk to ensure a well-formed, tapered structure and to uniformly distribute stress within a tree. When pruning for view, it is preferable to develop "windows" through the foliage of the tree, rather than to severely raise or reduce the crown.	
	32 01 90 23-0049	EA 1-1/2" Caliper, Tree Pruning (Crown Raising), By Hand.....	39.82
	32 01 90 23-0050	EA 2" Caliper, Tree Pruning (Crown Raising), By Hand.....	45.46
	32 01 90 23-0051	EA 2-1/2" Caliper, Tree Pruning (Crown Raising), By Hand.....	51.18
	32 01 90 23-0052	EA 3" Caliper, Tree Pruning (Crown Raising), By Hand.....	56.82
	32 01 90 23-0053	EA 4" Caliper, Tree Pruning (Crown Raising), By Hand.....	86.37
	32 01 90 23-0054	EA 4" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	145.18
	32 01 90 23-0055	EA 6" Caliper, Tree Pruning (Crown Raising), By Hand.....	151.10
	32 01 90 23-0056	EA 6" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	276.43
	32 01 90 23-0057	EA 9" Caliper, Tree Pruning (Crown Raising), By Hand.....	242.02
	32 01 90 23-0058	EA 9" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	442.19
	32 01 90 23-0059	EA 12" Caliper, Tree Pruning (Crown Raising), By Hand.....	279.64
	32 01 90 23-0060	EA 12" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	511.40
	32 01 90 23-0061	EA 18" Caliper, Tree Pruning (Crown Raising), By Hand.....	325.10

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 90 Operation and Maintenance of Planting**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0062 EA 18" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	594.34	
32 01 90 23-0063 EA 24" Caliper, Tree Pruning (Crown Raising), By Hand.....	395.73	
32 01 90 23-0064 EA 24" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	718.83	
32 01 90 23-0065 EA 30" Caliper, Tree Pruning (Crown Raising), By Hand.....	491.53	
32 01 90 23-0066 EA 30" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	905.88	
32 01 90 23-0067 EA 36" Caliper, Tree Pruning (Crown Raising), By Hand.....	673.27	
32 01 90 23-0068 EA 36" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	1,227.78	
32 01 90 23-0069 EA 48" Caliper, Tree Pruning (Crown Raising), By Hand.....	1,068.08	
32 01 90 23-0070 EA 48" Caliper, Tree Pruning (Crown Raising), Aerial Lift Equipment.....	1,974.56	
32 01 90 23-0071		
Tree Pruning; Crown Reduction <small>(32 01 90 23-0001)</small>		
Note: Crown reduction is used to reduce the height and/or spread of a tree. Thinning cuts are most effective in maintaining the structural integrity and natural form of a tree and in delaying the time when it will need to be pruned again. The lateral to which a branch or trunk is cut should be at least one-half the diameter of the cut being made.		
32 01 90 23-0072 EA 1-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand.....	42.77	
32 01 90 23-0073 EA 2" Caliper, Tree Pruning (Crown Reduction), By Hand.....	48.82	
32 01 90 23-0074 EA 2-1/2" Caliper, Tree Pruning (Crown Reduction), By Hand.....	54.97	
32 01 90 23-0075 EA 3" Caliper, Tree Pruning (Crown Reduction), By Hand.....	61.03	
32 01 90 23-0076 EA 4" Caliper, Tree Pruning (Crown Reduction), By Hand.....	92.76	
32 01 90 23-0077 EA 4" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	155.93	
32 01 90 23-0078 EA 6" Caliper, Tree Pruning (Crown Reduction), By Hand.....	162.30	
32 01 90 23-0079 EA 6" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	296.91	
32 01 90 23-0080 EA 9" Caliper, Tree Pruning (Crown Reduction), By Hand.....	259.95	
32 01 90 23-0081 EA 9" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	474.95	
32 01 90 23-0082 EA 12" Caliper, Tree Pruning (Crown Reduction), By Hand.....	300.35	
32 01 90 23-0083 EA 12" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	549.29	
32 01 90 23-0084 EA 18" Caliper, Tree Pruning (Crown Reduction), By Hand.....	349.18	
32 01 90 23-0085 EA 18" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	638.36	
32 01 90 23-0086 EA 24" Caliper, Tree Pruning (Crown Reduction), By Hand.....	425.02	
32 01 90 23-0087 EA 24" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	772.06	
32 01 90 23-0088 EA 30" Caliper, Tree Pruning (Crown Reduction), By Hand.....	527.97	
32 01 90 23-0089 EA 30" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	973.05	
32 01 90 23-0090 EA 36" Caliper, Tree Pruning (Crown Reduction), By Hand.....	723.10	
32 01 90 23-0091 EA 36" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	1,318.80	
32 01 90 23-0092 EA 48" Caliper, Tree Pruning (Crown Reduction), By Hand.....	1,147.21	
32 01 90 23-0093 EA 48" Caliper, Tree Pruning (Crown Reduction), Aerial Lift Equipment.....	2,120.75	
32 01 90 23-0094		
Tree Pruning; Crown Restoration <small>(32 01 90 23-0001)</small>		
Note: Crown restoration can improve the structure and appearance of trees that have been topped or severely pruned using heading cuts. One to three sprouts on main branch stubs should be selected to reform a more natural appearing crown. Selected vigorous sprouts may need to be thinned to a lateral, or even headed, to control length growth in order to ensure adequate attachment for the size of the sprout. Restoration may require several pruning's over a number of years.		
32 01 90 23-0095 EA 1-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	49.08	
32 01 90 23-0096 EA 2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	56.15	
32 01 90 23-0097 EA 2-1/2" Caliper, Tree Pruning (Crown Restoration), By Hand.....	63.13	
32 01 90 23-0098 EA 3" Caliper, Tree Pruning (Crown Restoration), By Hand.....	70.12	
32 01 90 23-0099 EA 4" Caliper, Tree Pruning (Crown Restoration), By Hand.....	106.57	
32 01 90 23-0100 EA 4" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	179.17	
32 01 90 23-0101 EA 6" Caliper, Tree Pruning (Crown Restoration), By Hand.....	186.54	
32 01 90 23-0102 EA 6" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	341.25	
32 01 90 23-0103 EA 9" Caliper, Tree Pruning (Crown Restoration), By Hand.....	298.76	
32 01 90 23-0104 EA 9" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	545.91	
32 01 90 23-0105 EA 12" Caliper, Tree Pruning (Crown Restoration), By Hand.....	345.22	
32 01 90 23-0106 EA 12" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	631.29	
32 01 90 23-0107 EA 18" Caliper, Tree Pruning (Crown Restoration), By Hand.....	401.28	
32 01 90 23-0108 EA 18" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	733.67	
32 01 90 23-0109 EA 24" Caliper, Tree Pruning (Crown Restoration), By Hand.....	488.49	
32 01 90 23-0110 EA 24" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	887.46	
32 01 90 23-0111 EA 30" Caliper, Tree Pruning (Crown Restoration), By Hand.....	606.86	
32 01 90 23-0112 EA 30" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	1,118.43	
32 01 90 23-0113 EA 36" Caliper, Tree Pruning (Crown Restoration), By Hand.....	831.19	
32 01 90 23-0114 EA 36" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	1,515.88	
32 01 90 23-0115 EA 48" Caliper, Tree Pruning (Crown Restoration), By Hand.....	1,318.59	
32 01 90 23-0116 EA 48" Caliper, Tree Pruning (Crown Restoration), Aerial Lift Equipment.....	2,437.73	
32 01 90 23-0117		
Shrub Pruning <small>(32 01 90 23)</small>		
32 01 90 23-0118 MSF Shrub Pruning, Prune, Shrub Bed.....	95.92	
32 01 90 23-0119 EA Shrub Pruning, Prune, Shrub Under 3' Height.....	3.37	
32 01 90 23-0120 EA Shrub Pruning, Prune, Shrub 4' Height.....	7.58	
32 01 90 23-0121 EA Shrub Pruning, Prune, Shrub Over 6'.....	13.47	
32 01 90 23-0122 EA Shrub Pruning, Prune Trees From Ground.....	33.67	
32 01 90 23-0123 EA Shrub Pruning, Prune Trees From Ground, High Work.....	84.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 01 90 23-0124 Root Pruning <small>(32 01 90 23)</small>		
Note: Cut roots cleanly after excavation with clean, sharp tools, to promote callus formation and wound closure. Wounds to be dressed with a tree rooting hormone compound. Mix soil improvements (e.g., peat moss) with fill soil to promote new root growth. Backfill the excavation and water the soil around the roots to avoid leaving air pockets.		
32 01 90 23-0125 EA Root Pruning, One Side Of Up To 1-1/2" Caliper Tree	16.84	
32 01 90 23-0126 EA Root Pruning, One Side Of 2" Caliper Tree	21.04	
32 01 90 23-0127 EA Root Pruning, One Side Of 2-1/2" Caliper Tree	25.25	
32 01 90 23-0128 EA Root Pruning, One Side Of 3" Caliper Tree	33.67	
32 01 90 23-0129 EA Root Pruning, One Side Of 4" Caliper Tree	50.51	
32 01 90 23-0130 EA Root Pruning, One Side Of >4" To 6" Caliper Tree.....	63.13	
32 01 90 23-0131 EA Root Pruning, One Side Of >6" To 9" Caliper Tree.....	88.39	
32 01 90 23-0132 EA Root Pruning, One Side Of >9" To 12" Caliper Tree.....	101.02	
32 01 90 23-0133 EA Root Pruning, One Side Of >12" To 18" Caliper Tree.....	117.85	
32 01 90 23-0134 EA Root Pruning, One Side Of >18" To 24" Caliper Tree	147.31	
32 01 90 23-0135 EA Root Pruning, One Side Of >24" To 30" Caliper Tree.....	180.99	
32 01 90 23-0136 EA Root Pruning, One Side Of >30" To 36" Caliper Tree.....	210.44	
32 01 90 23-0137 EA Root Pruning, One Side Of >36" To 42" Caliper Tree.....	231.50	
32 01 90 23-0138 EA Root Pruning, One Side Of >42" To 48" Caliper Tree.....	252.54	
32 01 90 26 Watering <small>(32 01 90)</small>		
Note: Includes delivered water. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant.		
32 01 90 26-0001 Watering Lawns, Plants And Trees <small>(32 01 90 26)</small>		
Note: Includes delivered water and watering truck. Not to be used as basis if watering with irrigation system or on-site owner provided water from hose or hydrant. These tasks are to be used as requested by the owner for extended watering period for lawns, plants and trees.		
32 01 90 26-0002 MSF Watering Sod/Grass, Per Inch Of Water	45.50	
32 01 90 26-0003 CSF Watering Groundcover.....	6.99	
32 01 90 26-0004 CSF Watering Annuals And Perennials	12.33	
32 01 90 26-0005 EA Watering Trees, 1-1/2" To 5" Diameter By Hand	23.75	
32 01 90 26-0006 EA Watering Trees, 6" To 12" Diameter By Hand	31.23	
32 01 90 26-0007 EA Watering Trees, 13" To 18" Diameter By Hand	38.70	
32 01 90 26-0008 EA Watering Trees, >18" Diameter By Hand.....	47.64	
32 01 90 26-0009 EA Watering Shrub Or Bush By Hand.....	11.94	
32 01 90 36 Weed and Brush Control <small>(32 01 90)</small>		
32 01 90 36-0001 Herbicide, Push Or Hand Spreader Applied <small>(32 01 90 36)</small>		
32 01 90 36-0002 MSF Non-Selective Post Emergent Weed Herbicide (70.4 oz/acre or 1.62 oz/MSF)	7.83	
For >45 To 90, Deduct	-0.43	
For >90 To 225, Deduct	-1.21	
For >225 To 870, Deduct	-2.00	
For >870, Deduct	-2.43	
32 01 90 36-0003 MSF Non-Selective Post Emergent Woody Brush And Tree Herbicide (128 oz/acre or 2.94 oz/MSF)	8.48	
For >45 To 90, Deduct	-0.50	
For >90 To 225, Deduct	-1.34	
For >225 To 870, Deduct	-2.19	
For >870, Deduct	-2.69	
32 01 90 36-0004 MSF Selective Weed Herbicide (56 oz/Acre or 1.28 oz/MSF).....	8.44	
Note: Includes pre and post emergent.		
For >45 To 90, Deduct	-0.49	
For >90 To 225, Deduct	-1.34	
For >225 To 870, Deduct	-2.18	
For >870, Deduct	-2.67	
32 01 90 36-0005 MSF Selective Woody Brush And Tree Herbicide (72 oz/acre or 1.65 oz/MSF)	8.84	
Note: Includes pre and post emergents.		
For >45 To 90, Deduct	-0.53	
For >90 To 225, Deduct	-1.42	
For >225 To 870, Deduct	-2.30	
For >870, Deduct	-2.83	
32 01 90 39 Pesticides <small>(32 01 90)</small>		
32 01 90 39-0001 MSF Pesticide - Surface Eating	10.79	
32 01 90 39-0002 MSF Pesticide - Subsurface Eating.....	10.83	
32 01 90 39-0003 MSF Pesticide - Fungicide Application	11.76	
32 01 90 43 Weed and Cultivate Beds <small>(32 01 90)</small>		
32 01 90 43-0001 MSF Weed Mulched Bed	41.09	
32 01 90 43-0002 MSF Weed Unmulched Bed.....	117.40	
32 01 90 43-0003 MSF Cultivate Bed	63.22	
32 01 90 46 Hedge Trimming <small>(32 01 90)</small>		
32 01 90 46-0001 LF Trim 0-5' High Hedge, 0-3' Wide.....	5.44	
32 01 90 46-0002 LF Trim 0-5' High Hedge, 4-6' Wide.....	8.16	
32 01 90 46-0003 LF Trim 5-10' High Hedge, 0-3' Wide.....	12.36	
32 01 90 46-0004 LF Trim 5-10' High Hedge, 4-6' Wide.....	12.59	

32 Exterior Improvements**32 01 Operation and Maintenance of Exterior Improvements****32 01 90 Operation and Maintenance of Planting**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 01 90 53 Plant Growth Regulator Application (32 01 90)

32 01 90 53-0001 EA Plant Growth Regulator Application 6.19

32 10 Bases, Ballasts, and Paving (32)**32 11 Base Courses (32 10)****32 11 16 Subbase Courses (32 11)****32 11 16 16 Aggregate Subbase Courses (32 11 16)****32 11 16 16-0001 Base And Subbase Courses For Roadways And Parking Areas (32 11 16 16)**

Note: Includes 3/4" To 1-1/2" aggregate material, hauling up to 15 miles, dumping, spreading, grading, compacting and watering. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.

32 11 16 16-0002 Base And Subbase Courses By The CY (32 11 16 16-0001)
 32 11 16 16-0003 CY Class II Graded Crushed Aggregate Roadway Base Course 105.34
 32 11 16 16-0004 CY Class III Graded Crushed Aggregate Roadway Base Course 100.83
32 11 16 16-0005 Class II Base Courses By The SY (32 11 16 16-0001)
 32 11 16 16-0006 SY 2" Class II Graded Crushed Aggregate Base Course 5.81
 For Up To 500, Add 1.47
 For >500 To 1,000, Add 0.58
 For >5,000 To 10,000, Deduct -0.22
 For >10,000, Deduct -0.38
 32 11 16 16-0007 SY 4" Class II Crushed Aggregate Base Course 11.62
 For Up To 500, Add 2.94
 For >500 To 1,000, Add 1.16
 For >5,000 To 10,000, Deduct -0.44
 For >10,000, Deduct -0.76
 32 11 16 16-0008 SY 6" Class II Crushed Aggregate Base Course 17.43
 For Up To 500, Add 4.40
 For >500 To 1,000, Add 1.74
 For >5,000 To 10,000, Deduct -0.66
 For >10,000, Deduct -1.13
 32 11 16 16-0009 SY 9" Class II Crushed Aggregate Base Course 26.14
 For Up To 500, Add 6.60
 For >500 To 1,000, Add 2.61
 For >5,000 To 10,000, Deduct -0.99
 For >10,000, Deduct -1.70
 32 11 16 16-0010 SY 12" Class II Crushed Aggregate Base Course 34.84
 For Up To 500, Add 8.80
 For >500 To 1,000, Add 3.48
 For >5,000 To 10,000, Deduct -1.32
 For >10,000, Deduct -2.26
32 11 23 Aggregate Base Courses (32 11)**32 11 23 16 Aggregate Base Courses (32 11 23)****32 11 23 16-0001 Base Courses For Sidewalk (Asphalt Or Concrete) (32 11 23 16)**

Note: Includes material, hauling up to 15 miles, placement, spreading, grading, and compaction. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.

 32 11 23 16-0002 SF 2" Crushed Aggregate Base Course For Sidewalks 0.72
 For Up To 1,000, Add 0.20
 For >1,000 To 2,500, Add 0.07
 32 11 23 16-0003 SF 3" Crushed Aggregate Base Course For Sidewalks 1.01
 For Up To 1,000, Add 0.28
 For >1,000 To 2,500, Add 0.10
 32 11 23 16-0004 SF 4" Crushed Aggregate Base Course For Sidewalks 1.31
 For Up To 1,000, Add 0.36
 For >1,000 To 2,500, Add 0.13
 32 11 23 16-0005 SF 5" Crushed Aggregate Base Course For Sidewalks 1.70
 For Up To 1,000, Add 0.47
 For >1,000 To 2,500, Add 0.17
 32 11 23 16-0006 SF 6" Crushed Aggregate Base Course For Sidewalks 2.11
 For Up To 1,000, Add 0.58
 For >1,000 To 2,500, Add 0.21
 32 11 23 16-0007 SF 7" Crushed Aggregate Base Course For Sidewalks 2.42
 For Up To 1,000, Add 0.66
 For >1,000 To 2,500, Add 0.24
 32 11 23 16-0008 SF 8" Crushed Aggregate Base Course For Sidewalks 2.74
 For Up To 1,000, Add 0.75
 For >1,000 To 2,500, Add 0.27
32 11 26 Asphaltic Base Courses (32 11)**32 11 26 19 Bituminous-Stabilized Base Courses (32 11 26)****32 11 26 19-0001 Bituminous-Stabilized Base Courses (32 11 26 19)**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 11 26 19-0002	CY	Bituminous Stabilized Base Course.....	92.20
		Note: 3/4" ASTM C33.	

32 12 Flexible Paving (32 10)

32 12 13 Preparatory Coats (32 12)

32 12 13 13 Tack Coats (32 12 13)

32 12 13 13-0001	SY	Tack Coat, 0.04 Gallon/SY	0.61
		<i>For Up To 150, Add</i>	<i>0.12</i>
		<i>For >150 To 300, Add</i>	<i>0.06</i>
		<i>For >300 To 500, Add</i>	<i>0.03</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.02</i>
		<i>For >5,000, Deduct</i>	<i>-0.04</i>
32 12 13 13-0002	SY	Tack Coat, 0.05 Gallon/SY	0.68
		<i>For Up To 150, Add</i>	<i>0.14</i>
		<i>For >150 To 300, Add</i>	<i>0.07</i>
		<i>For >300 To 500, Add</i>	<i>0.03</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.02</i>
		<i>For >5,000, Deduct</i>	<i>-0.04</i>
32 12 13 13-0003	SY	Tack Coat, 0.07 Gallon/SY	0.81
		<i>For Up To 150, Add</i>	<i>0.17</i>
		<i>For >150 To 300, Add</i>	<i>0.08</i>
		<i>For >300 To 500, Add</i>	<i>0.04</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.02</i>
		<i>For >5,000, Deduct</i>	<i>-0.05</i>
32 12 13 13-0004	SY	Tack Coat, 0.08 Gallon/SY	0.88
		<i>For Up To 150, Add</i>	<i>0.19</i>
		<i>For >150 To 300, Add</i>	<i>0.09</i>
		<i>For >300 To 500, Add</i>	<i>0.04</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.02</i>
		<i>For >5,000, Deduct</i>	<i>-0.06</i>
32 12 13 13-0005	SY	Tack Coat, 0.10 Gallon/SY	1.02
		<i>For Up To 150, Add</i>	<i>0.22</i>
		<i>For >150 To 300, Add</i>	<i>0.10</i>
		<i>For >300 To 500, Add</i>	<i>0.05</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.03</i>
		<i>For >5,000, Deduct</i>	<i>-0.07</i>
32 12 13 13-0006	SY	Tack Coat, 0.11 Gallon/SY	1.08
		<i>For Up To 150, Add</i>	<i>0.24</i>
		<i>For >150 To 300, Add</i>	<i>0.11</i>
		<i>For >300 To 500, Add</i>	<i>0.05</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.03</i>
		<i>For >5,000, Deduct</i>	<i>-0.07</i>

32 12 13 19 Prime Coats (32 12 13)

32 12 13 19-0001	SY	Surface Prime Coat, 0.26 Gallon/SY	1.84
		<i>For Up To 150, Add</i>	<i>0.42</i>
		<i>For >150 To 300, Add</i>	<i>0.18</i>
		<i>For >300 To 500, Add</i>	<i>0.09</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.05</i>
		<i>For >5,000, Deduct</i>	<i>-0.13</i>
32 12 13 19-0002	SY	Surface Prime Coat, 0.28 Gallon/SY	1.95
		<i>For Up To 150, Add</i>	<i>0.45</i>
		<i>For >150 To 300, Add</i>	<i>0.20</i>
		<i>For >300 To 500, Add</i>	<i>0.10</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.05</i>
		<i>For >5,000, Deduct</i>	<i>-0.14</i>
32 12 13 19-0003	SY	Surface Prime Coat, 0.30 Gallon/SY	2.05
		<i>For Up To 150, Add</i>	<i>0.47</i>
		<i>For >150 To 300, Add</i>	<i>0.21</i>
		<i>For >300 To 500, Add</i>	<i>0.10</i>
		<i>For >3,500 To 5,000, Deduct</i>	<i>-0.05</i>
		<i>For >5,000, Deduct</i>	<i>-0.14</i>

32 12 16 Asphalt Paving (32 12)

32 12 16 13 Plant-Mix Asphalt Paving (32 12 16)

Note: Includes delivery up to 15 miles, placement, rolling, finishing and sweeping. Excludes base, tack or price coat, seal coats and roadway fabrics (where required). See CSI section 01 74 19 00-0045 for hauling greater than 15 miles, 32 11 00 00-0000 for base courses, 32 12 13 13-0000 for tack coats, 32 12 13 19-0000 for prime coats, 32 12 16 39-0000 for roadway fabrics, 32 12 36 00-0000 for seal coats.

32 12 16 13-0001 Intermediate Binder Courses, Hot Mix Asphalt (HMA) (32 12 16 13)

Note: Meets Caltrans requirements.

32 12 16 13-0002	TON	Bituminous Hot Mix Intermediate Binder Course 3,954 LB/CY	126.18
		Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.	
		<i>For Up To 25, Add</i>	<i>18.21</i>
		<i>For >25 To 50, Add</i>	<i>10.19</i>
		<i>For >500 To 1,000, Deduct</i>	<i>-5.20</i>
		<i>For >1,000 To 2,500, Deduct</i>	<i>-9.45</i>
		<i>For >2,500 To 5,000, Deduct</i>	<i>-14.65</i>
		<i>For >5,000, Deduct</i>	<i>-21.02</i>
		<i>For Warm Mix Additive, Add</i>	<i>6.18</i>

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 12 Flexible Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0003	SY		1" Thick Bituminous Hot Mix Intermediate Binder Course .....7.18 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 1,000, Add</i>	1.07	
			<i>For >1,000 To 2,000, Add</i>	0.60	
			<i>For >10,000 To 20,000, Deduct</i>	-0.30	
			<i>For >20,000 To 50,000, Deduct</i>	-0.55	
			<i>For >50,000 To 100,000, Deduct</i>	-0.85	
			<i>For >100,000, Deduct</i>	-1.22	
32 12 16 13-0004	SY		1-1/2" Thick Bituminous Hot Mix Intermediate Binder Course .....10.65 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 700, Add</i>	1.57	
			<i>For >700 To 1,400, Add</i>	0.89	
			<i>For >7,000 To 14,000, Deduct</i>	-0.45	
			<i>For >14,000 To 32,000, Deduct</i>	-0.82	
			<i>For >32,000 To 64,000, Deduct</i>	-1.27	
			<i>For >64,000, Deduct</i>	-1.82	
32 12 16 13-0005	SY		2" Thick Bituminous Hot Mix Intermediate Binder Course .....13.69 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 500, Add</i>	1.95	
			<i>For >500 To 1,000, Add</i>	1.09	
			<i>For >5,000 To 10,000, Deduct</i>	-0.59	
			<i>For >10,000 To 24,000, Deduct</i>	-1.07	
			<i>For >24,000 To 48,000, Deduct</i>	-1.66	
			<i>For >48,000, Deduct</i>	-2.38	
32 12 16 13-0006	SY		2-1/2" Thick Bituminous Hot Mix Intermediate Binder Course .....17.31 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 400, Add</i>	2.50	
			<i>For >400 To 800, Add</i>	1.40	
			<i>For >4,000 To 8,000, Deduct</i>	-0.74	
			<i>For >8,000 To 20,000, Deduct</i>	-1.34	
			<i>For >20,000 To 40,000, Deduct</i>	-2.08	
			<i>For >40,000, Deduct</i>	-2.99	
32 12 16 13-0007	SY		3" Thick Bituminous Hot Mix Intermediate Binder Course .....20.78 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 340, Add</i>	3.00	
			<i>For >340 To 680, Add</i>	2.46	
			<i>For >3,400 To 6,800, Deduct</i>	-0.89	
			<i>For >6,800 To 17,000, Deduct</i>	-1.61	
			<i>For >17,000 To 34,000, Deduct</i>	-2.50	
			<i>For >34,000, Deduct</i>	-3.59	
32 12 16 13-0008	SY		3-1/2" Thick Bituminous Hot Mix Intermediate Binder Course .....24.24 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 280, Add</i>	3.50	
			<i>For >280 To 560, Add</i>	1.96	
			<i>For >2,800 To 5,600, Deduct</i>	-1.03	
			<i>For >5,600 To 14,000, Deduct</i>	-1.88	
			<i>For >14,000 To 28,000, Deduct</i>	-2.92	
			<i>For >28,000, Deduct</i>	-4.19	
32 12 16 13-0009	SY		4" Thick Bituminous Hot Mix Intermediate Binder Course .....27.71 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 250, Add</i>	4.00	
			<i>For >250 To 500, Add</i>	2.24	
			<i>For >2,500 To 5,000, Deduct</i>	-1.18	
			<i>For >5,000 To 12,000, Deduct</i>	-2.15	
			<i>For >12,000 To 24,000, Deduct</i>	-3.33	
			<i>For >24,000, Deduct</i>	-4.79	
32 12 16 13-0010	SY		5" Thick Bituminous Hot Mix Intermediate Binder Course .....34.65 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 200, Add</i>	5.00	
			<i>For >200 To 400, Add</i>	2.80	
			<i>For >2,000 To 4,000, Deduct</i>	-1.48	
			<i>For >4,000 To 10,000, Deduct</i>	-2.69	
			<i>For >10,000 To 20,000, Deduct</i>	-4.17	
			<i>For >20,000, Deduct</i>	-5.99	
32 12 16 13-0011	SY		6" Thick Bituminous Hot Mix Intermediate Binder Course .....41.57 Note: Includes placement, rolling, finishing and sweeping.		
			<i>For Up To 160, Add</i>	6.00	
			<i>For >160 To 320, Add</i>	3.36	
			<i>For >1,600 To 3,200, Deduct</i>	-1.77	
			<i>For >3,200 To 8,000, Deduct</i>	-3.23	
			<i>For >8,000 To 16,000, Deduct</i>	-5.00	
			<i>For >16,000, Deduct</i>	-7.19	
32 12 16 13-0012			Surface Wearing Courses, Hot Mix Asphalt (HMA) (32 12 16 13) Note: Meets Caltrans requirements.		
32 12 16 13-0013	TON		Bituminous Hot Mix Surface Course 3954 LB/CY .....129.60 Note: Includes Type A and Type B with 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping. Used for applications not described elsewhere in this section.		
			<i>For PG64-10 Asphalt, Add</i>	2.27	
			<i>For Up To 25, Add</i>	19.95	
			<i>For >25 To 50, Add</i>	11.34	
			<i>For >500 To 1,000, Deduct</i>	-5.09	
			<i>For >1,000 To 2,500, Deduct</i>	-9.28	
			<i>For >2,500 To 5,000, Deduct</i>	-14.37	
			<i>For >5,000, Deduct</i>	-20.65	
			<i>For Warm Mix Additive, Add</i>	5.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 16 13-0014 TON Tire Rubber Modified Paving Asphalt (TRMAC) Surface Course (MAC-15TR)	144.24	
Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
For Up To 25, Add	22.58	
For >25 To 50, Add	12.88	
For >500 To 1,000, Deduct	-5.59	
For Warm Mix Additive, Add	6.43	
32 12 16 13-0015 TON Asphalt Rubberized Hot Mix (ARHM) Surface Course	153.31	
Note: Includes 1/2" to 3/4" course or medium aggregate, placement, rolling, finishing and sweeping.		
For Up To 25, Add	23.49	
For >25 To 50, Add	13.33	
For >500 To 1,000, Deduct	-6.05	
For >1,000 To 2,500, Deduct	-11.02	
For >2,500 To 5,000, Deduct	-17.06	
For >5,000, Deduct	-24.52	
For Warm Mix Additive, Add	7.02	
32 12 16 13-0016 SY 1" Thick Bituminous Hot Mix Surface Wearing Course	7.11	
Note: Includes placement, rolling, finishing and sweeping.		
For PG64-10 Asphalt, Add	0.12	
For Up To 1,000, Add	1.13	
For >1,000 To 2,000, Add	0.65	
For >10,000 To 20,000, Deduct	-0.29	
For >20,000 To 50,000, Deduct	-0.52	
For >50,000 To 100,000, Deduct	-0.81	
For >100,000, Deduct	-1.16	
32 12 16 13-0017 SY 1-1/2" Thick Bituminous Hot Mix Surface Wearing Course	10.50	
Note: Includes placement, rolling, finishing and sweeping.		
For PG64-10 Asphalt, Add	0.18	
For Up To 700, Add	1.65	
For >700 To 1,400, Add	0.95	
For >7,000 To 14,000, Deduct	-0.42	
For >14,000 To 32,000, Deduct	-0.78	
For >32,000 To 64,000, Deduct	-1.20	
For >64,000, Deduct	-1.73	
32 12 16 13-0018 SY 2" Thick Bituminous Hot Mix Surface Wearing Course	13.39	
Note: Includes placement, rolling, finishing and sweeping.		
For PG64-10 Asphalt, Add	0.24	
For Up To 500, Add	2.04	
For >500 To 1,000, Add	1.15	
For >5,000 To 10,000, Deduct	-0.55	
For >10,000 To 24,000, Deduct	-1.01	
For >24,000 To 48,000, Deduct	-1.56	
For >48,000, Deduct	-2.25	
32 12 16 13-0019 SY 2-1/2" Thick Bituminous Hot Mix Surface Wearing Course	16.98	
Note: Includes placement, rolling, finishing and sweeping.		
For PG64-10 Asphalt, Add	0.30	
For Up To 400, Add	2.61	
For >400 To 800, Add	1.49	
For >4,000 To 8,000, Deduct	-0.70	
For >8,000 To 20,000, Deduct	-1.27	
For >20,000 To 40,000, Deduct	-1.97	
For >40,000, Deduct	-2.84	
32 12 16 13-0020 SY 3" Thick Bituminous Hot Mix Surface Wearing Course	20.38	
Note: Includes placement, rolling, finishing and sweeping.		
For PG64-10 Asphalt, Add	0.36	
For Up To 340, Add	3.14	
For >340 To 680, Add	2.50	
For >3,400 To 6,800, Deduct	-0.84	
For >6,800 To 17,000, Deduct	-1.53	
For >17,000 To 34,000, Deduct	-2.36	
For >34,000, Deduct	-3.40	
32 12 16 13-0021 CSF Type F Asphalt Surface Cap 1/8" To 1/4" Thick For Use Only On Top Concrete Filled Trench.....	92.85	
32 12 16 13-0022 Hand Placed, Hot Mix Asphalt (HMA) <small>(32 12 16 13)</small>		
32 12 16 13-0023 TON Hand Placed Hot Mixed Asphalt 3,954 LB/CY	346.47	
Note: For small areas not reachable by machine. Includes placement, rolling, finishing and sweeping.		
32 12 16 19 Cold-Mix Asphalt Paving <small>(32 12 16)</small>		
Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.		
32 12 16 19-0001 Cold Mix Asphalt (CMA) Pavement <small>(32 12 16 19)</small>		
Note: 0.5 Gal asphalt/SY per inch depth; well graded granular aggregate.		
32 12 16 19-0002 SY Cold Laid Asphalt Pavement, Traveling Plant Mixed In Windrows, Compacted 4" Course.....	11.43	
32 12 16 19-0003 SY Cold Laid Asphalt Pavement, Rotary Plant Mixed In Place, Compacted 4" Course	11.07	
32 12 16 19-0004 SY Cold Laid Asphalt Pavement, Central Stationary Plant, Mixed, Compacted 4" Course	17.07	
32 12 16 39 Paving Fabrics <small>(32 12 16)</small>		
See CSI section 31 32 19 16-0000 for geotextile fabric.		
32 12 16 39-0001 Geotextile Paving Fabrics <small>(32 12 16 39)</small>		
32 12 16 39-0002 SY 3.6 Ounce/SY, 90 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-38A/O)	1.94	
For Up To 50, Add	0.43	
For >50 To 150, Add	0.32	
For >150 To 250, Add	0.21	
For >250 To 500, Add	0.10	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 12 Flexible Paving**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 12 16 39-0003	SY	4.1 Ounce/SY, 101 LB Grab Tensile Nonwoven Polypropylene Geotextile Paving Fabric (Carthage Mills FX-42 A/O)		2.09
		<i>For Up To 50, Add</i>	0.46	
		<i>For >50 To 150, Add</i>	0.34	
		<i>For >150 To 250, Add</i>	0.22	
		<i>For >250 To 500, Add</i>	0.11	
32 12 16 43 Waterproofing Membranes (32 12 16)				
32 12 16 43-0001		Waterproofing Membranes (32 12 16 43)		
32 12 16 43-0002	SY	Up To 500 SY, Preformed Rubberized Asphalt Membrane		33.03
32 12 16 43-0003	SY	>500 To 1,000 SY, Preformed Rubberized Asphalt Membrane		24.46
32 12 16 43-0004	SY	>1,000 SY, Preformed Rubberized Asphalt Membrane		14.69
32 12 33 Flexible Paving Surface Treatments (32 12)				
32 12 33 00-0001		Bituminous Surface Treatment For Roadways (32 12 33)		
		Note: 0.25 Gal bitumen per SY and 30 lb of gravel/SY.		
32 12 33 00-0002	SY	Single Course Bituminous Treatment, Prepare And Clean Surface Roadway		2.78
32 12 33 00-0003	SY	Double Course Bituminous Treatment, Prepare And Clean Surface Roadway		5.06
32 12 33 00-0004		Bituminous Surface Treatment For Trails (32 12 33)		
		Note: 0.25 Gal bitumen per SY and 20 lb of gravel/SY.		
32 12 33 00-0005	SY	Bituminous Surface Treatment, For Trails		1.81
32 12 36 Seal Coats (32 12)				
		See CSI section 32 01 13 62-0000 for slurry seal.		
32 12 36 13 Asphaltic Seal and Fog Coats (32 12 36)				
32 12 36 13-0001		Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13)		
		Note: Includes initial sweeping prior to placement, cleaning of area, rolling and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping.		
32 12 36 13-0002		Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13-0001)		
		Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0003	SY	Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		4.56
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0004	SY	>200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		4.10
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0005	SY	>500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.89
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0006	SY	>1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.65
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0007	SY	>5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.54
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0008	SY	>10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.43
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0009	SY	>20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.30
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0010	SY	>50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.24
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.54	
32 12 36 13-0011		Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13-0001)		
		Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.		
32 12 36 13-0012	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		5.31
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0013	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		4.78
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0014	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		4.53
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0015	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		4.39
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0016	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		4.09
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0017	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.91
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0018	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.77
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0019	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		3.69
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.67	
32 12 36 13-0020		Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) (32 12 36 13-0001)		
		Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 13-0021	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		6.03
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.80	
32 12 36 13-0022	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		5.43
		<i>For Each Additional 0.5% Latex Additive, Add</i>	0.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0023 SY >500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	5.14	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.80</i>	
32 12 36 13-0024 SY >1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.80	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.80</i>	
32 12 36 13-0025 SY >5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.62	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.80</i>	
32 12 36 13-0026 SY >10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.37	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.80</i>	
32 12 36 13-0027 SY >20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.19	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.80</i>	
32 12 36 13-0028 SY >50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal).....	4.10	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.80</i>	
32 12 36 13-0029 Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)		
<small>(32 12 36 13-0001)</small>		
Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.		
32 12 36 13-0030 SY Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.10	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0031 SY >200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.51	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0032 SY >500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	5.21	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0033 SY >1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.88	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0034 SY >5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.70	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0035 SY >10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.52	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0036 SY >20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.27	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0037 SY >50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	4.18	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.92</i>	
32 12 36 13-0038 Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal) <small>(32 12 36 13-0001)</small>		
Note: First coat 23 to 30 Pounds Per SY of 1/2" No. 4 with 0.20 to 0.35 gallons asphalt emulsion per SY, Second coat 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.20 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0039 SY Up To 200 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	9.13	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0040 SY >200 To 500 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	8.36	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0041 SY >500 To 1,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.92	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0042 SY >1,000 To 5,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.42	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0043 SY >5,000 To 10,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	7.15	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0044 SY >10,000 To 20,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.82	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0045 SY >20,000 To 50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.57	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0046 SY >50,000 SY, Double Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Chip Seal)	6.44	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>1.34</i>	
32 12 36 13-0047 Asphalt Emulsion Seal Coat (Scrub Seal) <small>(32 12 36 13)</small>		
Note: Includes initial sweeping prior to placement, cleaning of area, towed broomo sled of scrub brush and final sweeping. Excludes crack repair, fog sealer, and any additional consecutive days sweeping following final sweeping. See CSI section 32 12 36 13-0084 for fog seal.		
32 12 36 13-0048 Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) <small>(32 12 36 13-0047)</small>		
Note: 12 to 20 Pounds Per SY of 1/4" No. 10 with 0.15 to 0.30 gallons asphalt emulsion per SY.		
32 12 36 13-0049 SY Up To 200 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	4.11	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0050 SY >200 To 500 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.85	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0051 SY >500 To 1,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.65	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0052 SY >1,000 To 5,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.46	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0053 SY >5,000 To 10,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.36	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0054 SY >10,000 To 20,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.26	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0055 SY >20,000 To 50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.15	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0056 SY >50,000 SY, Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	3.12	
<i>For Each Additional 0.5% Latex Additive, Add</i>	<i>0.54</i>	
32 12 36 13-0057 Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal) <small>(32 12 36 13-0047)</small>		
Note: 16 to 25 Pounds Per SY of 5/16" No. 8 with 0.25 to 0.35 gallons asphalt emulsion per SY.		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 12 Flexible Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 12 36 13-0058	SY	Up To 200 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.89	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0059	SY	>200 To 500 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.56	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0060	SY	>500 To 1,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.36	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0061	SY	>1,000 To 5,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.22	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0062	SY	>5,000 To 10,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	3.93	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0063	SY	>10,000 To 20,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	3.76	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0064	SY	>20,000 To 50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	3.62	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0065	SY	>50,000 SY, Medium Fine Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	3.57	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.67	
32 12 36 13-0066		Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)			
		<i>(32 12 36 13-0047)</i>			
		Note: 20 to 30 Pounds Per SY of 3/8" No. 6 with 0.25 to 0.40 gallons asphalt emulsion per SY.			
32 12 36 13-0067	SY	Up To 200 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	5.65	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0068	SY	>200 To 500 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	5.24	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0069	SY	>500 To 1,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.95	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0070	SY	>1,000 To 5,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.64	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0071	SY	>5,000 To 10,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.46	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0072	SY	>10,000 To 20,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.20	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0073	SY	>20,000 To 50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.04	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0074	SY	>50,000 SY, Medium Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	3.98	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.80	
32 12 36 13-0075		Course Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)			
		<i>(32 12 36 13-0047)</i>			
		Note: 23 to 35 Pounds Per SY of 1/2" No. 4 with 0.30 to 0.40 gallons asphalt emulsion per SY.			
32 12 36 13-0076	SY	Up To 200 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	5.73	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0077	SY	>200 To 500 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	5.34	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0078	SY	>500 To 1,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	5.03	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0079	SY	>1,000 To 5,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.69	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0080	SY	>5,000 To 10,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.52	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0081	SY	>10,000 To 20,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.37	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0082	SY	>20,000 To 50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.13	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0083	SY	>50,000 SY, Coarse Screenings - PMCRS-2h, Asphalt Emulsion Seal Coat (Scrub Seal)	.....	4.07	
		<i>For Each Additional 0.5% Latex Additive, Add</i>		0.92	
32 12 36 13-0084		Fog Seal, CQS-1h <i>(32 12 36 13)</i>			
		Note: A fog seal is a light application of diluted, slow-setting asphalt emulsion without aggregate cover. Includes sweeping and cleaning of area.			
32 12 36 13-0085	SY	Up To 200 SY, CQS-1h, Fog Seal	.....	1.80	
32 12 36 13-0086	SY	>200 To 500 SY, CQS-1h, Fog Seal	.....	1.31	
32 12 36 13-0087	SY	>500 To 1,000 SY, CQS-1h, Fog Seal	.....	1.12	
32 12 36 13-0088	SY	>1,000 To 5,000 SY, CQS-1h, Fog Seal	.....	0.97	
32 12 36 13-0089	SY	>5,000 To 10,000 SY, CQS-1h, Fog Seal	.....	0.88	
32 12 36 13-0090	SY	>10,000 To 20,000 SY, CQS-1h, Fog Seal	.....	0.81	
32 12 36 13-0091	SY	>20,000 To 50,000 SY, CQS-1h, Fog Seal	.....	0.76	
32 12 36 13-0092	SY	>50,000 SY, CQS-1h, Fog Seal	.....	0.73	
32 12 36 13-0093		Sand Sealer <i>(32 12 36 13)</i>			
		Note: A sand seal is an application of asphalt binder followed by placement of a layer of sand or fine aggregate, and then rolled to embed the sand or fine aggregate into the binder. Includes sweeping and cleaning of area.			
32 12 36 13-0094	SY	Up To 200 SY, Sand Seal	.....	2.67	
32 12 36 13-0095	SY	>200 To 500 SY, Sand Seal	.....	1.76	
32 12 36 13-0096	SY	>500 To 1,000 SY, Sand Seal	.....	1.75	
32 12 36 13-0097	SY	>1,000 To 5,000 SY, Sand Seal	.....	1.53	
32 12 36 13-0098	SY	>5,000 To 10,000 SY, Sand Seal	.....	1.42	
32 12 36 13-0099	SY	>10,000 To 20,000 SY, Sand Seal	.....	1.32	
32 12 36 13-0100	SY	>20,000 To 50,000 SY, Sand Seal	.....	1.25	
32 12 36 13-0101	SY	>50,000 SY, Sand Seal	1.23	

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 12 36 16 Coal Tar Seal Coats (32 12 36)

32 12 36 16-0001	Thermoplastic Coal-Tar Asphalt Seal <small>(32 12 36 16)</small> Note: Includes sweeping and cleaning of area.		
32 12 36 16-0002	SY Up To 500 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	15.14	
32 12 36 16-0003	SY >500 To 1,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	14.25	
32 12 36 16-0004	SY >1,000 To 5,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	12.57	
32 12 36 16-0005	SY >5,000 To 20,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	11.30	
32 12 36 16-0006	SY >20,000 To 50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal	9.62	
32 12 36 16-0007	SY >50,000 SY, Type I Thermoplastic Coal-Tar Asphalt Seal.....	7.94	
32 12 36 16-0008	SY Up To 500 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	18.44	
32 12 36 16-0009	SY >500 To 1,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	17.44	
32 12 36 16-0010	SY >1,000 To 5,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	15.42	
32 12 36 16-0011	SY >5,000 To 20,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	13.92	
32 12 36 16-0012	SY >20,000 To 50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal	11.90	
32 12 36 16-0013	SY >50,000 SY, Type II Thermoplastic Coal-Tar Asphalt Seal.....	9.88	

32 12 36 23 Fuel-Resistant Sealers (32 12 36)

32 12 36 23-0001	Guardtop Seal Coat <small>(32 12 36 23)</small> Note: Includes sweeping and cleaning of area.		
32 12 36 23-0002	SY GuardTop® Asphalt Based Sealcoat (Two Coats)	3.03	
	For 3% Polyglass Additive, Add	0.40	
	For 6% Polyglass Additive, Add	0.72	
	For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	0.27	
32 12 36 23-0003	LF GuardTop® Cold Pour Crack Filler.....	1.24	
32 12 36 23-0004	LF GuardTop® Hot Pour Crack Filler.....	1.41	
32 12 36 23-0005	SY GuardTop® Oil Spot Primer For Asphalt	5.70	
32 12 36 23-0006	SY GuardTop® Ultra, Polymer Modified, Asphalt Based Sealcoat (Two Coats)	4.03	
	For 3% Polyglass Additive, Add	0.40	
	For 6% Polyglass Additive, Add	0.72	
	For Guardtop Black Sand 60 Mesh Additive (At 3 Pounds Per Gallon), Add	0.27	

32 12 43 Porous Flexible Paving (32 12)

32 12 43 00-0001	Flexible Recycled Plastic Porous Grid <small>(32 12 43)</small> Note: Includes sand fill in rings. Excludes base, earth work and grass or sod.		
32 12 43 00-0002	SY 1" Thick, Recycled Plastic Flexible Pavement With Sand Fill	37.38	
	Note: Includes sand fill in rings. Excludes base, earth work and grass or sod. Invisible Structures, Inc.; Grasspave2.		
	For Up To 100, Add	12.59	
	For >100 To 500, Add	3.17	
	For >1,000 To 5,000, Deduct	-1.30	
	For >5,000, Deduct	-2.68	

32 12 73 Asphalt Paving Joint Sealants (32 12)

32 12 73 00-0001	Expansion Joint In Sidewalk <small>(32 12 73)</small>		
32 12 73 00-0002	LF For Hot Asphalt Poured Over Expansion Joint In Sidewalk	3.22	

32 13 Rigid Paving (32 10)

32 13 13 Concrete Paving (32 13)

Note: The following section includes spreading and placing delivered Portland cement concrete mix.

32 13 13 33 Plain Concrete Paving (32 13 13)

32 13 13 33-0001	Concrete Paving Assemblies <small>(32 13 13 33)</small> Note: Includes forms, wire mesh (where necessary), two mat layers #3-#6 reinforcing rods at 12" on center with chairs (where necessary), vapor barrier, concrete, curing, latex or hot asphalt expansion joints, control joints, screed, float and finish. Excludes excavation, base and earthwork. Includes concrete paving machine. To be used for roadways, driveways, parking areas, or other areas of vehicular traffic. See CSI section 03 05 13 00-0001 for color additive.		
32 13 13 33-0002	4,500 PSI Concrete Paving Assembly <small>(32 13 13 33-0001)</small>		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 13 Rigid Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13	33-0003	SY	4" 4,500 PSI Concrete Paving Assembly.....	54.42	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.03	
			<i>For 3,000 PSI Concrete, Deduct</i>	-1.98	
			<i>For 3,500 PSI Concrete, Deduct</i>	-1.58	
			<i>For 4,000 PSI Concrete, Deduct</i>	-0.69	
			<i>For 5,000 PSI Concrete, Add</i>	0.42	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	3.43	
			<i>For <12' Wide Pass, Add</i>	9.65	
			<i>For 24' Or Greater Wide Pass, Deduct</i>	-10.88	
			<i>For Air Entrainment, Add</i>	1.32	
			<i>For Slipforming, Deduct</i>	-5.44	
			<i>For Up To 100, Add</i>	22.11	
			<i>For >100 To 250, Add</i>	12.37	
			<i>For >250 To 500, Add</i>	6.19	
			<i>For >1,000 To 2,000, Deduct</i>	-1.32	
			<i>For >2,000 To 5,000, Deduct</i>	-2.68	
			<i>For >5,000 To 10,000, Deduct</i>	-4.04	
			<i>For >10,000 To 20,000, Deduct</i>	-5.40	
			<i>For >20,000, Deduct</i>	-6.76	
32 13 13	33-0004	SY	5" 4,500 PSI Concrete Paving Assembly.....	64.26	
			<i>For 2,500 PSI Concrete, Deduct</i>	-3.80	
			<i>For 3,000 PSI Concrete, Deduct</i>	-2.48	
			<i>For 3,500 PSI Concrete, Deduct</i>	-1.98	
			<i>For 4,000 PSI Concrete, Deduct</i>	-0.86	
			<i>For 5,000 PSI Concrete, Add</i>	0.53	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	4.30	
			<i>For <12' Wide Pass, Add</i>	11.10	
			<i>For 24' Or Greater Wide Pass, Deduct</i>	-12.85	
			<i>For Air Entrainment, Add</i>	1.65	
			<i>For Slipforming, Deduct</i>	-6.43	
			<i>For Up To 100, Add</i>	25.32	
			<i>For >100 To 250, Add</i>	14.32	
			<i>For >250 To 500, Add</i>	7.16	
			<i>For >1,000 To 2,000, Deduct</i>	-1.65	
			<i>For >2,000 To 5,000, Deduct</i>	-3.26	
			<i>For >5,000 To 10,000, Deduct</i>	-4.87	
			<i>For >10,000 To 20,000, Deduct</i>	-6.47	
			<i>For >20,000, Deduct</i>	-8.08	
32 13 13	33-0005	SY	6" 4,500 PSI Concrete Paving Assembly.....	68.67	
			<i>For 2,500 PSI Concrete, Deduct</i>	-4.01	
			<i>For 3,000 PSI Concrete, Deduct</i>	-2.62	
			<i>For 3,500 PSI Concrete, Deduct</i>	-2.09	
			<i>For 4,000 PSI Concrete, Deduct</i>	-0.91	
			<i>For 5,000 PSI Concrete, Add</i>	0.56	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	4.54	
			<i>For <12' Wide Pass, Add</i>	11.93	
			<i>For 24' Or Greater Wide Pass, Deduct</i>	-13.73	
			<i>For Air Entrainment, Add</i>	1.75	
			<i>For Slipforming, Deduct</i>	-6.87	
			<i>For Up To 100, Add</i>	27.24	
			<i>For >100 To 250, Add</i>	15.37	
			<i>For >250 To 500, Add</i>	7.68	
			<i>For >1,000 To 2,000, Deduct</i>	-1.75	
			<i>For >2,000 To 5,000, Deduct</i>	-3.46	
			<i>For >5,000 To 10,000, Deduct</i>	-5.18	
			<i>For >10,000 To 20,000, Deduct</i>	-6.90	
			<i>For >20,000, Deduct</i>	-8.61	
32 13 13	33-0006	SY	7" 4,500 PSI Concrete Paving Assembly.....	81.42	
			<i>For 2,500 PSI Concrete, Deduct</i>	-5.06	
			<i>For 3,000 PSI Concrete, Deduct</i>	-3.30	
			<i>For 3,500 PSI Concrete, Deduct</i>	-2.64	
			<i>For 4,000 PSI Concrete, Deduct</i>	-1.14	
			<i>For 5,000 PSI Concrete, Add</i>	0.70	
			<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	5.72	
			<i>For <12' Wide Pass, Add</i>	13.75	
			<i>For 24' Or Greater Wide Pass, Deduct</i>	-16.28	
			<i>For Air Entrainment, Add</i>	2.20	
			<i>For Slipforming, Deduct</i>	-8.14	
			<i>For Up To 100, Add</i>	31.25	
			<i>For >100 To 250, Add</i>	17.82	
			<i>For >250 To 500, Add</i>	8.91	
			<i>For >1,000 To 2,000, Deduct</i>	-2.20	
			<i>For >2,000 To 5,000, Deduct</i>	-4.24	
			<i>For >5,000 To 10,000, Deduct</i>	-6.27	
			<i>For >10,000 To 20,000, Deduct</i>	-8.31	
			<i>For >20,000, Deduct</i>	-10.34	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 13 33-0007 SY 8" 4,500 PSI Concrete Paving Assembly.....	93.20	
<i>For 2,500 PSI Concrete, Deduct</i>	-5.55	
<i>For 3,000 PSI Concrete, Deduct</i>	-3.62	
<i>For 3,500 PSI Concrete, Deduct</i>	-2.90	
<i>For 4,000 PSI Concrete, Deduct</i>	-1.26	
<i>For 5,000 PSI Concrete, Add</i>	0.77	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	6.28	
<i>For <12' Wide Pass, Add</i>	16.06	
<i>For 24' Or Greater Wide Pass, Deduct</i>	-18.64	
<i>For Air Entrainment, Add</i>	2.42	
<i>For Slipforming, Deduct</i>	-9.32	
<i>For Up To 100, Add</i>	36.60	
<i>For >100 To 250, Add</i>	20.72	
<i>For >250 To 500, Add</i>	10.36	
<i>For >1,000 To 2,000, Deduct</i>	-2.42	
<i>For >2,000 To 5,000, Deduct</i>	-4.75	
<i>For >5,000 To 10,000, Deduct</i>	-7.08	
<i>For >10,000 To 20,000, Deduct</i>	-9.41	
<i>For >20,000, Deduct</i>	-11.74	
32 13 13 33-0008 SY 9" 4,500 PSI Concrete Paving Assembly.....	105.39	
<i>For 2,500 PSI Concrete, Deduct</i>	-6.42	
<i>For 3,000 PSI Concrete, Deduct</i>	-4.19	
<i>For 3,500 PSI Concrete, Deduct</i>	-3.35	
<i>For 4,000 PSI Concrete, Deduct</i>	-1.45	
<i>For 5,000 PSI Concrete, Add</i>	0.89	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	7.26	
<i>For <12' Wide Pass, Add</i>	17.97	
<i>For 24' Or Greater Wide Pass, Deduct</i>	-21.08	
<i>For Air Entrainment, Add</i>	2.79	
<i>For Slipforming, Deduct</i>	-10.54	
<i>For Up To 100, Add</i>	40.91	
<i>For >100 To 250, Add</i>	23.24	
<i>For >250 To 500, Add</i>	11.62	
<i>For >1,000 To 2,000, Deduct</i>	-2.79	
<i>For >2,000 To 5,000, Deduct</i>	-5.43	
<i>For >5,000 To 10,000, Deduct</i>	-8.06	
<i>For >10,000 To 20,000, Deduct</i>	-10.70	
<i>For >20,000, Deduct</i>	-13.33	
32 13 13 33-0009 SY 10" 4,500 PSI Concrete Paving Assembly.....	117.52	
<i>For 2,500 PSI Concrete, Deduct</i>	-7.06	
<i>For 3,000 PSI Concrete, Deduct</i>	-4.61	
<i>For 3,500 PSI Concrete, Deduct</i>	-3.68	
<i>For 4,000 PSI Concrete, Deduct</i>	-1.60	
<i>For 5,000 PSI Concrete, Add</i>	0.98	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	7.98	
<i>For <12' Wide Pass, Add</i>	20.17	
<i>For 24' Or Greater Wide Pass, Deduct</i>	-23.50	
<i>For Air Entrainment, Add</i>	3.07	
<i>For Slipforming, Deduct</i>	-11.75	
<i>For Up To 100, Add</i>	45.95	
<i>For >100 To 250, Add</i>	26.05	
<i>For >250 To 500, Add</i>	13.02	
<i>For >1,000 To 2,000, Deduct</i>	-3.07	
<i>For >2,000 To 5,000, Deduct</i>	-6.01	
<i>For >5,000 To 10,000, Deduct</i>	-8.95	
<i>For >10,000 To 20,000, Deduct</i>	-11.88	
<i>For >20,000, Deduct</i>	-14.82	
32 13 13 33-0010 SY 12" 4,500 PSI Concrete Paving Assembly.....	140.06	
<i>For 2,500 PSI Concrete, Deduct</i>	-8.36	
<i>For 3,000 PSI Concrete, Deduct</i>	-5.45	
<i>For 3,500 PSI Concrete, Deduct</i>	-4.36	
<i>For 4,000 PSI Concrete, Deduct</i>	-1.89	
<i>For 5,000 PSI Concrete, Add</i>	1.16	
<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	9.45	
<i>For <12' Wide Pass, Add</i>	24.11	
<i>For 24' Or Greater Wide Pass, Deduct</i>	-28.01	
<i>For Air Entrainment, Add</i>	3.64	
<i>For Slipforming, Deduct</i>	-14.01	
<i>For Up To 100, Add</i>	54.95	
<i>For >100 To 250, Add</i>	31.11	
<i>For >250 To 500, Add</i>	15.56	
<i>For >1,000 To 2,000, Deduct</i>	-3.64	
<i>For >2,000 To 5,000, Deduct</i>	-7.14	
<i>For >5,000 To 10,000, Deduct</i>	-10.64	
<i>For >10,000 To 20,000, Deduct</i>	-14.14	
<i>For >20,000, Deduct</i>	-17.64	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 13 Rigid Paving**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 13 13 33-0011	SY	15" 4,500 PSI Concrete Paving Assembly	178.65	
		<i>For 2,500 PSI Concrete, Deduct</i>	-10.27	
		<i>For 3,000 PSI Concrete, Deduct</i>	-6.70	
		<i>For 3,500 PSI Concrete, Deduct</i>	-5.36	
		<i>For 4,000 PSI Concrete, Deduct</i>	-2.32	
		<i>For 5,000 PSI Concrete, Add</i>	1.43	
		<i>For High Sulfate Resistance, Type 5 Cement Concrete ASTM C150, Add</i>	11.61	
		<i>For <12' Wide Pass, Add</i>	31.27	
		<i>For 24' Or Greater Wide Pass, Deduct</i>	-35.73	
		<i>For Air Entrainment, Add</i>	4.46	
		<i>For Slipforming, Deduct</i>	-17.87	
		<i>For Up To 100, Add</i>	71.48	
		<i>For >100 To 250, Add</i>	40.20	
		<i>For >250 To 500, Add</i>	20.10	
		<i>For >1,000 To 2,000, Deduct</i>	-4.46	
		<i>For >2,000 To 5,000, Deduct</i>	-8.93	
		<i>For >5,000 To 10,000, Deduct</i>	-13.40	
		<i>For >10,000 To 20,000, Deduct</i>	-17.86	
		<i>For >20,000, Deduct</i>	-22.33	
32 13 16		Decorative Concrete Paving ^(32 13)		
32 13 16 13		Patterned Concrete Paving ^(32 13 16)		
		See CSI section 32 17 26 00-0000 for tactile warning surfaces.		
32 13 16 13-0001	SF	For Patterned (Tactile) Finish In Concrete Sidewalk.....	4.74	
32 13 43		Pervious Concrete Paving ^(32 13)		
32 13 43 00-0001		Pervious Concrete Assembly ^(32 13 43)		
		Note: Pervious concrete is a special concrete mix with high porosity that allows water to pass through it. For paving and sidewalks.		
32 13 43 00-0002	SF	6" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving.....	17.08	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		<i>For >5,000 To 30,000, Deduct</i>	-1.81	
		<i>For >30,000 To 100,000, Deduct</i>	-3.29	
		<i>For >100,000, Deduct</i>	-4.08	
32 13 43 00-0003	SF	9" Thick, 15-25% Porosity, Minimum 115 PCF, Pervious Concrete Paving.....	21.78	
		Note: Includes filter fabric, concrete, curing, finish, and control joints. Excludes excavation, base, forms and expansion joints along existing.		
		<i>For >5,000 To 30,000, Deduct</i>	-2.24	
		<i>For >30,000 To 100,000, Deduct</i>	-4.00	
		<i>For >100,000, Deduct</i>	-4.96	
32 13 73		Concrete Paving Joint Sealants ^(32 13)		
32 13 73 13		Fuel-Resistant Concrete Paving Joint Sealants ^(32 13 73)		
32 13 73 13-0001		Concrete Pavement Joint And Crack Repair ^(32 13 73 13)		
		Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.		
32 13 73 13-0002		Silicone Concrete Pavement Joint And Crack Repair ^(32 13 73 13-0001)		
32 13 73 13-0003	CLF	1/4" x 1/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	575.93	
		<i>For Custom Match Coloring, Add</i>	20.94	
		<i>For 1 Part Mildew Resistant, Add</i>	30.54	
		<i>For High-Modulus Non-Acid Curing, Add</i>	17.45	
32 13 73 13-0004	CLF	1/4" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	652.14	
		<i>For Custom Match Coloring, Add</i>	31.41	
		<i>For 1 Part Mildew Resistant, Add</i>	45.81	
		<i>For High-Modulus Non-Acid Curing, Add</i>	26.18	
32 13 73 13-0005	CLF	1/4" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	728.33	
		<i>For Custom Match Coloring, Add</i>	41.88	
		<i>For 1 Part Mildew Resistant, Add</i>	61.08	
		<i>For High-Modulus Non-Acid Curing, Add</i>	34.90	
32 13 73 13-0006	CLF	3/8" x 3/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	750.15	
		<i>For Custom Match Coloring, Add</i>	47.12	
		<i>For 1 Part Mildew Resistant, Add</i>	68.71	
		<i>For High-Modulus Non-Acid Curing, Add</i>	39.26	
32 13 73 13-0007	CLF	3/8" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	831.88	
		<i>For Custom Match Coloring, Add</i>	62.82	
		<i>For 1 Part Mildew Resistant, Add</i>	91.62	
		<i>For High-Modulus Non-Acid Curing, Add</i>	52.35	
32 13 73 13-0008	CLF	3/8" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair	913.61	
		<i>For Custom Match Coloring, Add</i>	78.53	
		<i>For 1 Part Mildew Resistant, Add</i>	114.52	
		<i>For High-Modulus Non-Acid Curing, Add</i>	65.44	
32 13 73 13-0009	CLF	3/8" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair	1,011.63	
		<i>For Custom Match Coloring, Add</i>	94.23	
		<i>For 1 Part Mildew Resistant, Add</i>	137.42	
		<i>For High-Modulus Non-Acid Curing, Add</i>	78.53	
32 13 73 13-0010	CLF	1/2" x 1/2" Joint, Silicone Concrete Pavement Joint And Crack Repair	935.42	
		<i>For Custom Match Coloring, Add</i>	83.76	
		<i>For 1 Part Mildew Resistant, Add</i>	122.15	
		<i>For High-Modulus Non-Acid Curing, Add</i>	69.80	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 13 73 13-0011 CLF 1/2" x 5/8" Joint, Silicone Concrete Pavement Joint And Crack Repair <i>For Custom Match Coloring, Add</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	1,087.82 104.70 152.69 87.25	
32 13 73 13-0012 CLF 1/2" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair <i>For Custom Match Coloring, Add</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	1,207.66 125.64 183.23 104.70	
32 13 73 13-0013 CLF 1/2" x 7/8" Joint, Silicone Concrete Pavement Joint And Crack Repair <i>For Custom Match Coloring, Add</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	1,327.49 146.58 213.77 122.15	
32 13 73 13-0014 CLF 1/2" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair <i>For Custom Match Coloring, Add</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	1,431.04 167.52 244.31 139.60	
32 13 73 13-0015 CLF 3/4" x 3/4" Joint, Silicone Concrete Pavement Joint And Crack Repair <i>For Custom Match Coloring, Add</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	1,534.58 188.46 274.84 157.05	
32 13 73 13-0016 CLF 3/4" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair <i>For Custom Match Coloring, Add</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	1,872.54 261.76 381.73 218.13	
32 13 73 13-0017 CLF 1" x 1" Joint, Silicone Concrete Pavement Joint And Crack Repair <i>For Custom Match Coloring, Add</i> <i>For 1 Part Mildew Resistant, Add</i> <i>For High-Modulus Non-Acid Curing, Add</i>	2,210.50 335.05 488.61 279.21	

32 13 73 16 Field-Molded Concrete Paving Joint Sealants (32 13 73)

32 13 73 16-0001 Preformed Elastomeric Concrete Pavement Joint And Crack Repair (32 13 73 16) <i>Note: Includes cutting joint, removal of existing material, sweeping and cleaning area.</i>		
32 13 73 16-0002 LF Joint Sealing, Concrete Pavement Preformed Elastomeric	12.19	

32 13 73 19 Compression Concrete Paving Joint Sealants (32 13 73)

32 13 73 19-0001 Silicone Joint Sealant For Concrete Pavement (32 13 73 19) <i>Note: Installation includes high pressure water wash, sand blast, sweeping, cleaning area, backer rod and Dow Corning 888 silicone sealant. Demolition includes removal of existing material where saw cutting is not required. Excludes saw cutting.</i>		
32 13 73 19-0002 LF 1/4" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	10.30	2.41
32 13 73 19-0003 LF 3/8" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	10.81	2.46
32 13 73 19-0004 LF 1/2" x 1/4" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	11.41	2.50
32 13 73 19-0005 LF 3/4" x 3/8" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	13.38	2.56
32 13 73 19-0006 LF 1" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	15.71	2.61
32 13 73 19-0007 LF 1-1/2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	19.19	2.66
32 13 73 19-0008 LF 2" x 1/2" Expansion And Contraction Silicone Joint Sealant For Concrete Pavement	25.19	2.72

32 14 Unit Paving (32 10)

32 14 09 Paver Restraints (32 14)

32 14 09 00-0001 Paver Restraints (32 14 09) <i>Note: Paver restraints are used along the edge of a group of pavers as a locking border. Flexible or rigid sections. Includes stakes and connecting devices. Excludes pavers, bedding, excavation, base course and compaction.</i>		
32 14 09 00-0002 LF Up To 2" Height, Vinyl Paver Restraint..... <i>For >1,000 To 2,000, Deduct</i> <i>For >2,000 To 4,000, Deduct</i> <i>For >4,000, Deduct</i>	4.88 -0.71 -1.03 -1.32	1.04
32 14 09 00-0003 LF Up To 2" Height, Galvanized Steel Paver Restraint..... <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 2,000, Deduct</i> <i>For >2,000, Deduct</i>	5.32 -0.18 -0.37 -0.55	1.04
32 14 09 00-0004 LF Up To 1" Height, Aluminum Paver Restraint..... <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 1,500, Deduct</i>	5.10 -0.34 -0.52 -0.86	1.04
32 14 09 00-0005 LF >1" To 2" Height, Aluminum Paver Restraint..... <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 1,500, Deduct</i>	6.06 -0.44 -0.66 -1.10	1.04
32 14 09 00-0006 LF >2" To 3" Height, Aluminum Paver Restraint..... <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 1,500, Deduct</i>	7.92 -0.63 -0.94 -1.57	1.04
32 14 09 00-0007 LF >3" To 4" Height, Aluminum Paver Restraint..... <i>For >250 To 500, Deduct</i> <i>For >500 To 1,000, Deduct</i> <i>For >1,000 To 1,500, Deduct</i>	9.34 -0.77 -1.15 -1.92	1.04

32 14 11 Bedding for Unit Paving (32 14)

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 14 Unit Paving**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 14 11 00-0001		Bedding For Brick, Precast Concrete Paver And Stone Sidewalk <small>(32 14 11)</small>		
		Note: Includes delivery up to 15 miles from the closest approved source, the cost for loading, and dumping. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.		
32 14 11 00-0002	SF	1" To 2" Sand Bedding, Screeded	1.07	
		For Up To 100, Add	0.48	
		For >100 To 500, Add	0.14	
		For >1,000 To 5,000, Deduct	-0.08	
		For >5,000, Deduct	-0.13	
32 14 11 00-0003	SF	1" To 2" Stone Dust Bedding, Screeded	1.27	
		For Up To 100, Add	0.53	
		For >100 To 500, Add	0.15	
		For >1,000 To 5,000, Deduct	-0.08	
		For >5,000, Deduct	-0.14	
32 14 11 00-0004	SF	3" Stone Dust Bedding, Screeded	1.63	
		For Up To 100, Add	0.65	
		For >100 To 500, Add	0.18	
		For >1,000 To 5,000, Deduct	-0.10	
		For >5,000, Deduct	-0.17	
32 14 11 00-0005	SF	4" Stone Dust Bedding, Screeded	2.07	
		For Up To 100, Add	0.82	
		For >100 To 500, Add	0.22	
		For >1,000 To 5,000, Deduct	-0.12	
		For >5,000, Deduct	-0.20	
32 14 11 00-0006	SF	1" Mortar Bedding	3.25	
		For Up To 100, Add	1.49	
		For >100 To 500, Add	0.43	
		For >1,000 To 5,000, Deduct	-0.27	
		For >5,000, Deduct	-0.42	
32 14 11 00-0007	SF	2" Mortar Bedding	4.71	
		For Up To 100, Add	2.08	
		For >100 To 500, Add	0.60	
		For >1,000 To 5,000, Deduct	-0.36	
		For >5,000, Deduct	-0.57	
32 14 11 00-0008	SF	Thin-Set Latex Portland Cement Mortar	1.67	
		For Up To 100, Add	0.78	
		For >100 To 500, Add	0.23	
		For >1,000 To 5,000, Deduct	-0.14	
		For >5,000, Deduct	-0.22	
32 14 13		Precast Concrete Unit Paving <small>(32 14)</small>		
32 14 13 16		Precast Concrete Unit Paving Slabs <small>(32 14 13)</small>		
32 14 13 16-0001		Precast Concrete Paver Sidewalk <small>(32 14 13 16)</small>		
		Note: Square, rectangular, or interlocking pervious pavers. Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 13 16-0002	SF	2-3/8" Thick, Up To 32 SI Precast Concrete Paver	11.22	3.37
		Note: Includes 2-1/2" x 5", 4" x 4", 4" x 6", 5" x 5", 4" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	1.01	
		For 3-1/8" Concrete Paver, Add	1.62	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.90	
		For Up To 100, Add	4.49	
		For >100 To 500, Add	1.24	
		For >1,000 To 5,000, Deduct	-0.68	
		For >5,000, Deduct	-1.15	
32 14 13 16-0003	SF	2-3/8" Thick, >32 to 64 SI Precast Concrete Paver	10.61	3.07
		Note: Includes 5" x 7", 6" x 6", 8" x 8" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	0.98	
		For 3-1/8" Concrete Paver, Add	1.58	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.84	
		For Up To 100, Add	4.19	
		For >100 To 500, Add	1.14	
		For >1,000 To 5,000, Deduct	-0.61	
		For >5,000, Deduct	-1.06	
32 14 13 16-0004	SF	2-3/8" Thick, >64 to 144 SI Precast Concrete Paver	10.05	2.44
		Note: Includes 6" x 12", 12" x 12" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	0.95	
		For 3-1/8" Concrete Paver, Add	1.54	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.78	
		For Up To 100, Add	3.91	
		For >100 To 500, Add	1.06	
		For >1,000 To 5,000, Deduct	-0.56	
		For >5,000, Deduct	-0.97	
32 14 13 16-0005	SF	2-3/8" Thick, >144 SI Precast Concrete Paver	9.54	2.53
		Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers.		
		For 2-3/4" Concrete Paver, Add	0.92	
		For 3-1/8" Concrete Paver, Add	1.50	
		For Cement/Sand Mix Or Polymeric Sand Joints, Add	0.73	
		For Up To 100, Add	3.65	
		For >100 To 500, Add	0.98	
		For >1,000 To 5,000, Deduct	-0.51	
		For >5,000, Deduct	-0.89	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 13 16-0006 SF 2-3/8" Thick, Precast Concrete Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups. For 2-3/4" Concrete Paver, Add For 3-1/8" Concrete Paver, Add For Cement/Sand Mix Or Polymeric Sand Joints, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	10.32 0.96 1.56 0.81 4.04 1.10 -0.59 -1.01	2.92
32 14 13 19 Porous Precast Concrete Unit Paving (32 14 13)		
32 14 13 19-0001 Turf Block (32 14 13 19) Note: Grass grid, open-cell unit paver, geoblock.		
32 14 13 19-0002 SF 3-1/8" Thick, Precast Concrete Turf Block For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	12.37 4.56 1.20 -0.59 -1.07	2.92
32 14 16 Brick Unit Paving (32 14)		
32 14 16 00-0001 Brick Paver Sidewalk (32 14 16) Note: Includes sand joints. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 16 00-0002 SF 4" x 8" x 2-1/4" Brick Paver, Laid Flat For 1-3/8" Thick Paver, Deduct For 2-3/4" Thick Paver (Vehicular), Add For Cement/Sand Mix Or Polymeric Sand Joints, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	15.32 -3.34 7.65 1.10 5.52 1.44 -0.68 -1.27	3.37
32 14 16 00-0003 SF 4" x 8" x 2-1/4" Brick, Laid On Edge For 1-3/8" Thick Paver, Deduct For 2-3/4" Thick Paver (Vehicular), Add For Cement/Sand Mix Or Polymeric Sand Joints, Add For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	22.92 -5.72 13.39 1.53 7.65 1.91 -0.77 -1.61	3.84
32 14 33 Plastic Paving (32 14)		
32 14 33 13 Permeable Plastic Paving (32 14 33)		
32 14 33 13-0001 Turf Block Plastic Paving (32 14 33 13)		
32 14 33 13-0002 SF 4" Thick Recycled Polyvinyl Chloride (PVC) Plastic Turf Block For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	18.78 6.16 1.52 -0.59 -1.27	2.92
32 14 40 Stone Paving (32 14)		
32 14 40 00-0001 Slate Paver Sidewalk (32 14 40) Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0002 SF 1" Thick, Up to 54 SI Slate Paver Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 1/4" Thick Paver, Deduct For 1/2" Thick Paver, Deduct For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	16.04 1.08 -8.09 -5.65 5.41 1.36 -0.56 -1.15	2.79
32 14 40 00-0003 SF 1" Thick, >54 to 108 SI Slate Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. For Cement/Sand Mix Or Polymeric Sand Joints, Add For 1/4" Thick Paver, Deduct For 1/2" Thick Paver, Deduct For Up To 100, Add For >100 To 500, Add For >1,000 To 5,000, Deduct For >5,000, Deduct	15.53 1.03 -7.96 -5.57 5.15 1.28 -0.51 -1.07	2.53

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 14 Unit Paving**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 14 40 00-0004	SF		1" Thick, >108 to 216 SI Slate Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 1/4" Thick Paver, Deduct</i> <i>For 1/2" Thick Paver, Deduct</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	14.65	2.09
				0.94	
				-7.74	
				-5.44	
				4.71	
				1.15	
				-0.42	
				-0.94	
32 14 40 00-0005	SF		1" Thick, >216 SI Slate Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24", 24" x 36", 36" x 36" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 1/4" Thick Paver, Deduct</i> <i>For 1/2" Thick Paver, Deduct</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	14.27	1.90
				0.90	
				-7.65	
				-5.38	
				4.52	
				1.09	
				-0.38	
				-0.89	
32 14 40 00-0006	SF		1" Thick, Slate Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 1/4" Thick Paver, Deduct</i> <i>For 1/2" Thick Paver, Deduct</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	15.05	2.30
				0.98	
				-7.84	
				-5.50	
				4.91	
				1.21	
				-0.46	
				-1.00	
32 14 40 00-0007			Granite Paver Sidewalk ^(32 14 40) Note: Includes sand joints and all finishes. Excludes bedding, excavation, base course and compaction. See CSI section 32 11 23 16-0001 for base course, 32 14 11 00-0001 for bedding.		
32 14 40 00-0008	SF		1" Thick, Up to 54 SI Granite Paver Note: Includes 3" x 9", 6" x 6", 6" x 9" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	22.82	2.79
				1.42	
				1.14	
				2.28	
				2.56	
				7.10	
				1.70	
				-0.56	
				-1.35	
32 14 40 00-0009	SF		1" Thick, >54 to 108 SI Granite Paver Note: Includes 6" x 12", 9" x 9", 6" x 18", 9" x 12" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	22.31	2.53
				1.37	
				1.12	
				2.23	
				2.48	
				6.85	
				1.62	
				-0.51	
				-1.28	
32 14 40 00-0010	SF		1" Thick, >108 to 216 SI Granite Paver Note: Includes 12" x 12", 6" x 24", 9" x 18", 9" x 24", 12" x 18" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	21.43	2.09
				1.28	
				1.07	
				2.14	
				2.35	
				6.41	
				1.49	
				-0.42	
				-1.15	
32 14 40 00-0011	SF		1" Thick, >216 SI Granite Paver Note: Includes 16" x 16", 12" x 24", 18" x 18", 24" x 24" and other similar size pavers. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	21.05	1.90
				1.24	
				1.05	
				2.11	
				2.30	
				6.22	
				1.43	
				-0.38	
				-1.09	
32 14 40 00-0012	SF		1" Thick, Granite Paver, Combinations And Patterns Note: Patterns made by combining pavers from two or more size groups. <i>For Cement/Sand Mix Or Polymeric Sand Joints, Add</i> <i>For 2" Granite Paver, Add</i> <i>For 3" Granite Paver, Add</i> <i>For 4" Granite Paver, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 500, Add</i> <i>For >1,000 To 5,000, Deduct</i> <i>For >5,000, Deduct</i>	21.83	2.30
				1.32	
				1.09	
				2.18	
				2.41	
				6.61	
				1.55	
				-0.46	
				-1.21	

32 15 Aggregate Surfacing ^(32 15)**32 15 40 Crushed Stone Surfacing** ^(32 15)

Note: Includes delivery up to 15 miles from supplier, placement, rolling and compaction water. See CSI section 01 74 19 00-

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
0045 for hauling greater than 15 miles.		
32 15 40 00-0001 Gravel Surfacing And Spreading <small>(32 15 40)</small> Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0002 CY Gravel Surfacing And Spreading	100.92	
32 15 40 00-0003 Limestone Screenings <small>(32 15 40)</small> Note: Includes delivered material, placement, rolling and compaction water. For trail maintenance.		
32 15 40 00-0004 CY Limestone Screenings For Trail	52.97	
32 15 40 00-0005 Decomposed Granite <small>(32 15 40)</small> Note: Includes delivered material, placement, rolling and compaction water.		
32 15 40 00-0006 SY 3" To 4" Thick Decomposed Granite Screenings With Stabilizer Pathway	18.93	
Note: Placed in 2 lifts.		
For Additional 2"	9.47	
For >45 To 180, Deduct	-1.26	
For >180 To 450, Deduct	-1.57	
For >450, Deduct	-1.88	
32 16 Curbs, Gutters, Sidewalks, and Driveways <small>(32 16)</small>		
32 16 13 Curbs and Gutters <small>(32 16)</small> Note: Includes transitions. Demolition Includes two saw cuts (each end) of curbs and gutters for lengths up to 100'. See CSI section 02 41 19 13-0001 for additional saw cuts within the 100'.		
32 16 13 13 Cast-In-Place Concrete Curbs and Gutters <small>(32 16 13)</small> Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0001 Cast In Place Concrete Curbs <small>(32 16 13 13)</small> Note: Includes delivered concrete, forms, rebar, chairs (where necessary), expansion joints, finish and curing.		
32 16 13 13-0002 LF 6" x 12" Cast In Place Concrete Curb (Type A1-6)	19.70	10.40
For Mountable Curb, Add	1.49	
For Up To 20, Add	12.26	
For >20 To 50, Add	6.96	
For >50 To 100, Add	2.65	
For >500 To 1,000, Deduct	-2.65	
For >1,000, Deduct	-4.46	
32 16 13 13-0003 LF 6" x 12" Cast In Place Concrete Curb - Radius (Type A1-6)	22.62	11.96
For Mountable Curb, Add	1.74	
For Up To 20, Add	14.14	
For >20 To 50, Add	8.03	
For >50 To 100, Add	3.06	
For >500 To 1,000, Deduct	-3.06	
For >1,000, Deduct	-5.15	
32 16 13 13-0004 LF 6" x 14" Cast In Place Concrete Curb (Type A1-8)	21.64	10.40
For Mountable Curb, Add	1.63	
For Up To 20, Add	13.42	
For >20 To 50, Add	7.62	
For >50 To 100, Add	2.90	
For >500 To 1,000, Deduct	-2.90	
For >1,000, Deduct	-4.89	
32 16 13 13-0005 LF 6" x 14" Cast In Place Concrete Curb - Radius (Type A1-8)	24.86	11.96
For Mountable Curb, Add	1.90	
For Up To 20, Add	15.50	
For >20 To 50, Add	8.80	
For >50 To 100, Add	3.35	
For >500 To 1,000, Deduct	-3.35	
For >1,000, Deduct	-5.65	
32 16 13 13-0006 LF 6" x 16" Cast In Place Concrete Curb	23.79	10.40
For Mountable Curb, Add	1.75	
For Up To 20, Add	14.63	
For >20 To 50, Add	8.30	
For >50 To 100, Add	3.16	
For >500 To 1,000, Deduct	-3.16	
For >1,000, Deduct	-5.34	
32 16 13 13-0007 LF 6" x 16" Cast In Place Concrete Curb - Radius	27.22	15.60
For Mountable Curb, Add	2.05	
For Up To 20, Add	16.88	
For >20 To 50, Add	9.58	
For >50 To 100, Add	3.65	
For >500 To 1,000, Deduct	-3.65	
For >1,000, Deduct	-6.15	
32 16 13 13-0008 LF 6" x 18" Cast In Place Concrete Curb	25.49	10.40
For Mountable Curb, Add	1.85	
For Up To 20, Add	15.60	
For >20 To 50, Add	8.85	
For >50 To 100, Add	3.38	
For >500 To 1,000, Deduct	-3.38	
For >1,000, Deduct	-5.70	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 16 Curbs, Gutters, Sidewalks, and Driveways**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13	13-0009	LF	6" x 18" Cast In Place Concrete Curb - Radius.....	28.85	11.96
			<i>For Mountable Curb, Add</i>	2.12	
			<i>For Up To 20, Add</i>	17.73	
			<i>For >20 To 50, Add</i>	10.06	
			<i>For >50 To 100, Add</i>	3.83	
			<i>For >500 To 1,000, Deduct</i>	-3.83	
			<i>For >1,000, Deduct</i>	-6.47	
32 16 13	13-0010	LF	6" x 24" Cast In Place Concrete Curb.....	29.17	11.44
			<i>For Mountable Curb, Add</i>	1.98	
			<i>For Up To 20, Add</i>	17.39	
			<i>For >20 To 50, Add</i>	9.85	
			<i>For >50 To 100, Add</i>	3.77	
			<i>For >500 To 1,000, Deduct</i>	-3.77	
			<i>For >1,000, Deduct</i>	-6.38	
32 16 13	13-0011	LF	6" x 24" Cast In Place Concrete Curb - Radius.....	32.67	12.99
			<i>For Mountable Curb, Add</i>	2.23	
			<i>For Up To 20, Add</i>	19.53	
			<i>For >20 To 50, Add</i>	11.07	
			<i>For >50 To 100, Add</i>	4.23	
			<i>For >500 To 1,000, Deduct</i>	-4.23	
			<i>For >1,000, Deduct</i>	-7.17	
32 16 13	13-0012	LF	12" x 24" Cast In Place Concrete Curb.....	37.36	12.99
			<i>For Mountable Curb, Add</i>	1.98	
			<i>For Up To 20, Add</i>	20.47	
			<i>For >20 To 50, Add</i>	11.54	
			<i>For >50 To 100, Add</i>	4.47	
			<i>For >500 To 1,000, Deduct</i>	-4.47	
			<i>For >1,000, Deduct</i>	-7.64	
32 16 13	13-0013	LF	12" x 24" Cast In Place Concrete Curb - Radius.....	41.62	14.55
			<i>For Mountable Curb, Add</i>	2.22	
			<i>For Up To 20, Add</i>	22.88	
			<i>For >20 To 50, Add</i>	12.90	
			<i>For >50 To 100, Add</i>	4.99	
			<i>For >500 To 1,000, Deduct</i>	-4.99	
			<i>For >1,000, Deduct</i>	-8.53	
32 16 13	13-0014	EA	Additional Finish For Handicap Drop Section In Curb.....	77.98	
32 16 13	13-0015		Cast In Place Concrete Curb And Gutter <small>(32 16 13 13)</small>		
			Note: Includes concrete, forms, rebar, chairs (where necessary), transitions, expansion joints, finish and curing.		
32 16 13	13-0016	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	26.45	12.33
			<i>For Up To 20, Add</i>	18.03	
			<i>For >20 To 50, Add</i>	10.09	
			<i>For >50 To 100, Add</i>	3.97	
			<i>For >500 To 1,000, Deduct</i>	-3.48	
			<i>For >1,000, Deduct</i>	-5.88	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	1.89	
32 16 13	13-0017	LF	6" x 12" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	28.85	16.45
			<i>For Up To 20, Add</i>	19.67	
			<i>For >20 To 50, Add</i>	11.02	
			<i>For >50 To 100, Add</i>	4.33	
			<i>For >500 To 1,000, Deduct</i>	-3.81	
			<i>For >1,000, Deduct</i>	-6.43	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	2.08	
32 16 13	13-0018	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	33.56	13.67
			<i>For Up To 20, Add</i>	22.86	
			<i>For >20 To 50, Add</i>	12.79	
			<i>For >50 To 100, Add</i>	5.03	
			<i>For >500 To 1,000, Deduct</i>	-4.40	
			<i>For >1,000, Deduct</i>	-7.44	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	2.38	
32 16 13	13-0019	LF	6" x 18" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	37.12	15.22
			<i>For Up To 20, Add</i>	25.31	
			<i>For >20 To 50, Add</i>	14.17	
			<i>For >50 To 100, Add</i>	5.57	
			<i>For >500 To 1,000, Deduct</i>	-4.89	
			<i>For >1,000, Deduct</i>	-8.26	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	2.66	
32 16 13	13-0020	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Straight (Type A3-6).....	40.67	16.45
			<i>For Up To 20, Add</i>	27.69	
			<i>For >20 To 50, Add</i>	15.49	
			<i>For >50 To 100, Add</i>	6.10	
			<i>For >500 To 1,000, Deduct</i>	-5.32	
			<i>For >1,000, Deduct</i>	-9.00	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	2.86	
32 16 13	13-0021	LF	6" x 24" Cast In Place Concrete Gutter With 6" Curb And Face - Radius (Type A3-6).....	45.35	18.51
			<i>For Up To 20, Add</i>	30.91	
			<i>For >20 To 50, Add</i>	17.30	
			<i>For >50 To 100, Add</i>	6.80	
			<i>For >500 To 1,000, Deduct</i>	-5.97	
			<i>For >1,000, Deduct</i>	-10.08	
			<i>For Mountable Or Rolled Curb And Gutter, Add</i>	3.24	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 13-0022 LF 6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	48.30	19.53
For Up To 20, Add	32.89	
For >20 To 50, Add	18.40	
For >50 To 100, Add	7.25	
For >500 To 1,000, Deduct	-6.32	
For >1,000, Deduct	-10.69	
For Mountable Or Rolled Curb And Gutter, Add	3.40	
32 16 13 13-0023 LF 6" x 30" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	53.10	21.59
For Up To 20, Add	36.18	
For >20 To 50, Add	20.25	
For >50 To 100, Add	7.97	
For >500 To 1,000, Deduct	-6.97	
For >1,000, Deduct	-11.79	
For Mountable Or Rolled Curb And Gutter, Add	3.77	
32 16 13 13-0024 LF 6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	55.92	22.61
For Up To 20, Add	38.08	
For >20 To 50, Add	21.30	
For >50 To 100, Add	8.39	
For >500 To 1,000, Deduct	-7.32	
For >1,000, Deduct	-12.38	
For Mountable Or Rolled Curb And Gutter, Add	3.94	
32 16 13 13-0025 LF 6" x 36" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	60.85	24.67
For Up To 20, Add	41.44	
For >20 To 50, Add	23.19	
For >50 To 100, Add	9.13	
For >500 To 1,000, Deduct	-7.98	
For >1,000, Deduct	-13.49	
For Mountable Or Rolled Curb And Gutter, Add	4.30	
32 16 13 13-0026 LF 6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Straight.....	63.54	25.70
For Up To 20, Add	43.26	
For >20 To 50, Add	24.20	
For >50 To 100, Add	9.53	
For >500 To 1,000, Deduct	-8.32	
For >1,000, Deduct	-14.06	
For Mountable Or Rolled Curb And Gutter, Add	4.47	
32 16 13 13-0027 LF 6" x 42" Cast In Place Concrete Gutter With 6" Curb And Face - Radius.....	70.65	28.78
For Up To 20, Add	48.15	
For >20 To 50, Add	26.95	
For >50 To 100, Add	10.60	
For >500 To 1,000, Deduct	-9.29	
For >1,000, Deduct	-15.70	
For Mountable Or Rolled Curb And Gutter, Add	5.04	
32 16 13 14 Machine Formed, Slip Form Curbs <small>(32 16 13)</small>		
Note: Includes delivered concrete, steel, expansion joints and finish.		
32 16 13 14-0001 Curbs, Machine Formed, Slip Form <small>(32 16 13 14)</small>		
Note: Includes delivered concrete, steel, expansion joints and finish.		
32 16 13 14-0002 EA Machine Formed Concrete Curb Minimum Set-Up Charge (One Time Per Job).....	1,453.55	
Note: For projects where the total curbing charge is less than the minimum set-up charge, use this task exclusively. This task shall not be used in conjunction with any other tasks in this section.		
32 16 13 14-0003 LF 6" x 12" Straight Concrete Curb, Machine Formed.....	11.29	
32 16 13 14-0004 LF 6" x 12" Curved Concrete Curb, Machine Formed.....	15.61	
32 16 13 14-0005 LF 6" x 18" Straight Concrete Curb, Machine Formed.....	14.86	
32 16 13 14-0006 LF 6" x 18" Curved Concrete Curb, Machine Formed.....	20.04	
32 16 13 19 Cast-In-Place Concrete Drainage Ditches <small>(32 16 13)</small>		
Note: Includes concrete, forms, rebar (where required), rebar chairs (where necessary), expansion joints, finish and curing.		
32 16 13 19-0001 Valley Gutter, Cast In Place <small>(32 16 13 19)</small>		
Note: Includes concrete, forms, rebar, expansion joints, finish and curing.		
32 16 13 19-0002 LF 2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	20.41	
For Up To 20, Add	9.68	
For >20 To 50, Add	5.40	
For >50 To 100, Add	2.14	
For >500 To 1,000, Deduct	-2.14	
For >1,000, Deduct	-3.72	
32 16 13 19-0003 LF 2-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	25.00	
For Up To 20, Add	11.74	
For >20 To 50, Add	6.54	
For >50 To 100, Add	2.60	
For >500 To 1,000, Deduct	-2.60	
For >1,000, Deduct	-4.52	
32 16 13 19-0004 LF 3' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	29.54	
For Up To 20, Add	13.76	
For >20 To 50, Add	7.66	
For >50 To 100, Add	3.05	
For >500 To 1,000, Deduct	-3.05	
For >1,000, Deduct	-5.31	
32 16 13 19-0005 LF 3-1/2' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	34.04	
For Up To 20, Add	15.76	
For >20 To 50, Add	8.77	
For >50 To 100, Add	3.49	
For >500 To 1,000, Deduct	-3.49	
For >1,000, Deduct	-6.09	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 16 Curbs, Gutters, Sidewalks, and Driveways**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0006	LF		4' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	38.57	
			<i>For Up To 20, Add</i>	17.77	
			<i>For >20 To 50, Add</i>	9.89	
			<i>For >50 To 100, Add</i>	3.94	
			<i>For >500 To 1,000, Deduct</i>	-3.94	
			<i>For >1,000, Deduct</i>	-6.88	
32 16 13 19-0007	LF		5' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	45.69	
			<i>For Up To 20, Add</i>	20.45	
			<i>For >20 To 50, Add</i>	11.36	
			<i>For >50 To 100, Add</i>	4.55	
			<i>For >500 To 1,000, Deduct</i>	-4.55	
			<i>For >1,000, Deduct</i>	-7.96	
32 16 13 19-0008	LF		6' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	52.53	
			<i>For Up To 20, Add</i>	22.94	
			<i>For >20 To 50, Add</i>	12.71	
			<i>For >50 To 100, Add</i>	5.11	
			<i>For >500 To 1,000, Deduct</i>	-5.11	
			<i>For >1,000, Deduct</i>	-8.98	
32 16 13 19-0009	SF		>6' Wide Cast In Place Concrete Valley Gutter, 6" Thick.....	8.75	
			<i>For Up To 100, Add</i>	3.82	
			<i>For >100 To 250, Add</i>	2.12	
			<i>For >250 To 500, Add</i>	0.85	
			<i>For >2,500 To 5,000, Deduct</i>	-0.85	
			<i>For >5,000, Deduct</i>	-1.50	
32 16 13 19-0010	LF		2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	22.39	
			<i>For Up To 20, Add</i>	10.37	
			<i>For >20 To 50, Add</i>	5.77	
			<i>For >50 To 100, Add</i>	2.30	
			<i>For >500 To 1,000, Deduct</i>	-2.30	
			<i>For >1,000, Deduct</i>	-4.01	
32 16 13 19-0011	LF		2-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	27.64	
			<i>For Up To 20, Add</i>	12.71	
			<i>For >20 To 50, Add</i>	7.08	
			<i>For >50 To 100, Add</i>	2.82	
			<i>For >500 To 1,000, Deduct</i>	-2.82	
			<i>For >1,000, Deduct</i>	-4.92	
32 16 13 19-0012	LF		3' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	32.48	
			<i>For Up To 20, Add</i>	14.78	
			<i>For >20 To 50, Add</i>	8.22	
			<i>For >50 To 100, Add</i>	3.28	
			<i>For >500 To 1,000, Deduct</i>	-3.28	
			<i>For >1,000, Deduct</i>	-5.73	
32 16 13 19-0013	LF		3-1/2' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	37.48	
			<i>For Up To 20, Add</i>	16.95	
			<i>For >20 To 50, Add</i>	9.42	
			<i>For >50 To 100, Add</i>	3.76	
			<i>For >500 To 1,000, Deduct</i>	-3.76	
			<i>For >1,000, Deduct</i>	-6.58	
32 16 13 19-0014	LF		4' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	42.47	
			<i>For Up To 20, Add</i>	19.11	
			<i>For >20 To 50, Add</i>	10.62	
			<i>For >50 To 100, Add</i>	4.25	
			<i>For >500 To 1,000, Deduct</i>	-4.25	
			<i>For >1,000, Deduct</i>	-7.43	
32 16 13 19-0015	LF		5' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	50.43	
			<i>For Up To 20, Add</i>	22.03	
			<i>For >20 To 50, Add</i>	12.21	
			<i>For >50 To 100, Add</i>	4.91	
			<i>For >500 To 1,000, Deduct</i>	-4.91	
			<i>For >1,000, Deduct</i>	-8.63	
32 16 13 19-0016	LF		6' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	58.08	
			<i>For Up To 20, Add</i>	24.74	
			<i>For >20 To 50, Add</i>	13.68	
			<i>For >50 To 100, Add</i>	5.53	
			<i>For >500 To 1,000, Deduct</i>	-5.53	
			<i>For >1,000, Deduct</i>	-9.74	
32 16 13 19-0017	SF		>6' Wide Cast In Place Concrete Valley Gutter, 7" Thick.....	9.69	
			<i>For Up To 100, Add</i>	4.13	
			<i>For >100 To 250, Add</i>	2.28	
			<i>For >250 To 500, Add</i>	0.92	
			<i>For >2,500 To 5,000, Deduct</i>	-0.92	
			<i>For >5,000, Deduct</i>	-1.63	
32 16 13 19-0018	LF		2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	22.59	
			<i>For Up To 20, Add</i>	10.72	
			<i>For >20 To 50, Add</i>	5.98	
			<i>For >50 To 100, Add</i>	2.37	
			<i>For >500 To 1,000, Deduct</i>	-2.37	
			<i>For >1,000, Deduct</i>	-4.12	
32 16 13 19-0019	LF		2-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	27.70	
			<i>For Up To 20, Add</i>	13.02	
			<i>For >20 To 50, Add</i>	7.26	
			<i>For >50 To 100, Add</i>	2.88	
			<i>For >500 To 1,000, Deduct</i>	-2.88	
			<i>For >1,000, Deduct</i>	-5.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 13 19-0020 LF 3' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	32.71	
<i>For Up To 20, Add</i>	15.25	
<i>For >20 To 50, Add</i>	8.50	
<i>For >50 To 100, Add</i>	3.38	
<i>For >500 To 1,000, Deduct</i>	-3.38	
<i>For >1,000, Deduct</i>	-5.88	
32 16 13 19-0021 LF 3-1/2' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	37.73	
<i>For Up To 20, Add</i>	17.49	
<i>For >20 To 50, Add</i>	9.74	
<i>For >50 To 100, Add</i>	3.88	
<i>For >500 To 1,000, Deduct</i>	-3.88	
<i>For >1,000, Deduct</i>	-6.76	
32 16 13 19-0022 LF 4' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	42.75	
<i>For Up To 20, Add</i>	19.73	
<i>For >20 To 50, Add</i>	10.98	
<i>For >50 To 100, Add</i>	4.37	
<i>For >500 To 1,000, Deduct</i>	-4.37	
<i>For >1,000, Deduct</i>	-7.63	
32 16 13 19-0023 LF 5' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	50.64	
32 16 13 19-0024 LF 6' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	58.20	
32 16 13 19-0025 SF >6' Wide Cast In Place Concrete Valley Gutter, 8" Thick.....	9.70	
<i>For Up To 100, Add</i>	4.24	
<i>For >100 To 250, Add</i>	2.35	
<i>For >250 To 500, Add</i>	0.95	
<i>For >2,500 To 5,000, Deduct</i>	-0.95	
<i>For >5,000, Deduct</i>	-1.66	

32 16 13 23 Precast Concrete Curbs and Gutters (32 16 13)

32 16 13 23-0001 Precast Concrete Curb (32 16 13 23)		
32 16 13 23-0002 LF 6" x 18" Precast Concrete Curb.....	39.02	9.70
32 16 13 23-0003 LF 6" x 18" Precast Concrete Curb, Radius.....	46.41	11.15
32 16 13 23-0004 LF 6" x 20" Precast Concrete Curb.....	41.27	9.70
32 16 13 23-0005 LF 6" x 20" Precast Concrete Curb, Radius.....	49.38	11.15
32 16 13 23-0006 LF 7" x 18" Precast Concrete Curb.....	42.29	9.70
32 16 13 23-0007 LF 7" x 18" Precast Concrete Curb, Radius.....	50.56	11.15
32 16 13 23-0008 LF 7" x 20" Precast Concrete Curb.....	44.83	9.70
32 16 13 23-0009 LF 7" x 20" Precast Concrete Curb, Radius.....	53.79	11.15

32 16 13 33 Asphalt Curbs (32 16 13)

32 16 13 33-0001 Asphalt Curbs (32 16 13 33)		
32 16 13 33-0002 LF 6" Wide x 6" High Asphalt Curb 64 LF/TON, Bituminous, Plain.....	12.40	5.24
32 16 13 33-0003 LF 8" Wide x 6" High Asphalt Curb 50 LF/TON, Bituminous, Plain.....	13.92	5.83
32 16 13 33-0004 LF 8" Wide x 8" High Asphalt Curb 44 LF/TON, Bituminous, Plain.....	15.33	6.41

32 16 13 43 Stone Curbs (32 16 13)

32 16 13 43-0001 Remove And Reset Stone And Precast Curbing (32 16 13 43)		
Note: Includes storage and cleaning.		
32 16 13 43-0002 LF Removal And Resetting Of Stone Or Precast Curbing.....	37.05	
Note: Includes storage and cleaning.		

32 16 23 Sidewalks (32 16)

32 16 23 00-0001 Cast In Place Concrete Sidewalk (32 16 23)		
Note: Includes finish grading, delivered concrete (up to 3500 PSI) by chute, formwork, 1/4" radius joints and edges, polyethylene sheeting, control joints, expansion joints, screed, broom finish, and curing. Excludes excavation, base, base compaction and welded wire reinforcement. For bar or fiber reinforcing, add bar or fiber reinforcing tasks. See CSI section 02 41 13 13-0000 for sidewalk removal, 03 05 13 00-0001 for color additive, 03 21 00 00-0000 for reinforcing steel, 03 31 13 00-0079 for buggies, 03 31 13 00-0086 for small quantity purchases, 03 37 16 00-0001 for pumping with boom truck, 31 23 16 36-0000 for excavation, 32 11 23 16-0001 for base course.		
32 16 23 00-0002 SF 4" Cast In Place Concrete Sidewalk.....	8.86	
<i>For Up To 100, Add</i>	3.88	
<i>For >100 To 500, Add</i>	1.11	
<i>For >1,000 To 5,000, Deduct</i>	-0.67	
<i>For >5,000, Deduct</i>	-1.44	
<i>For Welded Wire Reinforcement, Add</i>	0.93	
32 16 23 00-0003 SF 5" Cast In Place Concrete Sidewalk.....	9.60	
<i>For Up To 100, Add</i>	4.13	
<i>For >100 To 500, Add</i>	1.17	
<i>For >1,000 To 5,000, Deduct</i>	-0.69	
<i>For >5,000, Deduct</i>	-1.52	
<i>For Welded Wire Reinforcement, Add</i>	0.93	
32 16 23 00-0004 SF 6" Cast In Place Concrete Sidewalk.....	10.34	
<i>For Up To 100, Add</i>	4.37	
<i>For >100 To 500, Add</i>	1.23	
<i>For >1,000 To 5,000, Deduct</i>	-0.71	
<i>For >5,000, Deduct</i>	-1.59	
<i>For Welded Wire Reinforcement, Add</i>	0.93	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 16 Curbs, Gutters, Sidewalks, and Driveways**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 16 23 00-0005	SF		7" Cast In Place Concrete Sidewalk	12.00	
			<i>For Up To 100, Add</i>	5.03	
			<i>For >100 To 500, Add</i>	1.41	
			<i>For >1,000 To 5,000, Deduct</i>	-0.81	
			<i>For >5,000, Deduct</i>	-1.82	
			<i>For Welded Wire Reinforcement, Add</i>	0.93	
32 16 23 00-0006	SF		8" Cast In Place Concrete Sidewalk	12.63	
			<i>For Up To 100, Add</i>	5.22	
			<i>For >100 To 500, Add</i>	1.46	
			<i>For >1,000 To 5,000, Deduct</i>	-0.82	
			<i>For >5,000, Deduct</i>	-1.87	
			<i>For Welded Wire Reinforcement, Add</i>	0.93	
32 16 23 00-0007	SF		For Exposed Aggregate Finish In Sidewalk	2.37	
32 16 23 00-0008	EA		Finish Concrete Handicap Drop Section In Sidewalk	142.26	
			Note: Excludes patterned (tactile) finish.		
32 16 23 00-0009	LF		For Hand Trowel Finish At Sidewalk Edges (Picture Frame)	2.37	
32 16 23 00-0010			Bituminous Sidewalk <small>(32 16 23)</small>		
			Note: Includes finish grading, delivered asphalt, formwork, control joints, expansion joints, and compaction. Excludes excavation, base, and base compaction. See CSI section 32 11 23 16-0001 for base course.		
32 16 23 00-0011	SY		1" Bituminous Sidewalk	8.37	
			<i>For Up To 100, Add</i>	3.22	
			<i>For >100 To 500, Add</i>	0.87	
			<i>For >1,000 To 5,000, Deduct</i>	-0.45	
			<i>For >5,000, Deduct</i>	-0.87	
32 16 23 00-0012	SY		1-1/2" Bituminous Sidewalk	10.47	
			<i>For Up To 100, Add</i>	3.97	
			<i>For >100 To 500, Add</i>	1.06	
			<i>For >1,000 To 5,000, Deduct</i>	-0.54	
			<i>For >5,000, Deduct</i>	-1.06	
32 16 23 00-0013	SY		2" Bituminous Sidewalk	14.42	
			<i>For Up To 100, Add</i>	5.28	
			<i>For >100 To 500, Add</i>	1.39	
			<i>For >1,000 To 5,000, Deduct</i>	-0.67	
			<i>For >5,000, Deduct</i>	-1.39	
32 16 23 00-0014	SY		2-1/2" Bituminous Sidewalk	18.03	
			<i>For Up To 100, Add</i>	6.59	
			<i>For >100 To 500, Add</i>	1.73	
			<i>For >1,000 To 5,000, Deduct</i>	-0.83	
			<i>For >5,000, Deduct</i>	-1.73	
32 16 23 00-0015	SY		3" Bituminous Sidewalk	20.66	
			<i>For Up To 100, Add</i>	7.42	
			<i>For >100 To 500, Add</i>	1.93	
			<i>For >1,000 To 5,000, Deduct</i>	-0.90	
			<i>For >5,000, Deduct</i>	-1.93	
32 16 23 00-0016	SY		3-1/2" Bituminous Sidewalk	23.80	
			<i>For Up To 100, Add</i>	8.43	
			<i>For >100 To 500, Add</i>	2.18	
			<i>For >1,000 To 5,000, Deduct</i>	-0.99	
			<i>For >5,000, Deduct</i>	-2.18	
32 16 43			Asphalt Dike <small>(32 16)</small>		
32 16 43 00-0001			Asphalt Dike <small>(32 16 43)</small>		
32 16 43 00-0002	LF		Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	6.35	
32 16 43 00-0003	LF		Type B, Asphalt Dike, 13" Base, 5" Top, 8" Height	8.64	
32 16 43 00-0004	LF		Type C-6, Asphalt Dike, 18" Base, 6" Top, 6" Height	8.64	
32 16 43 00-0005	LF		Type C-8, Asphalt Dike, 22" Base, 6" Top, 8" Height	12.28	
32 16 43 00-0006	LF		Type C-9, Asphalt Dike, 24" Base, 6" Top, 9" Height	14.53	
32 16 43 00-0007	LF		Type D, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.47	
32 16 43 00-0008	LF		Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	8.93	
32 16 43 00-0009	LF		Type F, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	13.81	
32 16 43 00-0010	LF		CALTRANS Type A, Asphalt Dike, 11" Base, 5" Top, 6" Height	6.35	
32 16 43 00-0011	LF		CALTRANS Type C, Asphalt Dike, 8" Base, 4" Top, 2" Height	3.47	
32 16 43 00-0012	LF		CALTRANS Type D, Mountable Asphalt Dike, 26" Base, 20" Top, 2" Height Front, 8" Height Back	13.81	
32 16 43 00-0013	LF		CALTRANS Type E, Mountable Asphalt Dike, 16" Base, 12" Top, 2" Height Front, 6" Height Back	8.93	
32 16 43 00-0014	LF		CALTRANS Type F, Asphalt Dike, 8" Base, 4" Top, 4" Height	5.06	
32 17			Paving Specialties <small>(32 10)</small>		
32 17 13			Parking Bumpers <small>(32 17)</small>		
			Note: Includes dowels set.		
32 17 13 16			Plastic Parking Bumpers <small>(32 17 13)</small>		
32 17 13 16-0001	EA		4" x 6" x 4" Recycled Plastic Wheel Stop	181.99	6.84
32 17 13 16-0002	EA		4" x 6" x 6" Recycled Plastic Wheel Stop	206.32	6.84
32 17 13 19			Precast Concrete Parking Bumpers <small>(32 17 13)</small>		
32 17 13 19-0001	EA		6" x 8" x 4" Precast Concrete Wheel Stop With Dowels	67.47	20.58
32 17 13 19-0002	EA		6" x 6" x 6" Precast Concrete Wheel Stop With Dowels	77.35	20.58
32 17 13 19-0003	EA		6" x 8" x 6" Precast Concrete Wheel Stop With Dowels	80.35	20.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 13 19-0004 EA 6" x 10" x 6' Precast Concrete Wheel Stop With Dowels	84.22	20.58
32 17 13 19-0005 EA 4-7/8" x 7-5/8" x 6' Precast Concrete Wheel Stop With Dowels	78.47	20.58
32 17 13 19-0006 EA 8" x 13" x 6' Precast Concrete Wheel Stop With Dowels	99.80	20.58
32 17 13 19-0007 EA Removal And Relocation Of Precast Concrete Wheel Stop	32.93	
32 17 13 19-0008 EA Removal And Relocation Of Plastic Or Wood Wheel Stop	21.41	
 32 17 13 23 Rubber Parking Bumpers (32 17 13)		
32 17 13 23-0001 EA 3' Recycled Rubber Wheel Stop	31.18	6.84
32 17 13 23-0002 EA 4' Recycled Rubber Wheel Stop	36.60	6.84
32 17 13 23-0003 EA 5' Recycled Rubber Wheel Stop	38.77	6.84
32 17 13 23-0004 EA 6' Recycled Rubber Wheel Stop	42.02	6.84
 32 17 13 26 Wood Parking Bumpers (32 17 13)		
32 17 13 26-0001 LF 4" x 4" Timber Barrier With Saddles For Cars, Pressure Treated	8.99	1.65
32 17 13 26-0002 LF 6" x 6" Timber Barriers With Saddle For Trucks, Pressure Treated	11.42	1.65
 32 17 16 Manufactured Traffic-Calming Devices (32 17)		
32 17 16 00-0001 Modular Rubber Speed Tables (32 17 16)		
Note: 3" high flat topped speed humps, 18" x 42" modular rubber construction. Trafficlogix.		
32 17 16 00-0002 SF Up To 24' Road Width x 7' Run Modular Rubber Speed Table	59.83	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0003 SF Up To 24' Road Width x 14' Run Modular Rubber Speed Table	52.28	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0004 SF Up To 24' Road Width x 21' Run Modular Rubber Speed Table	49.20	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0005 SF >24' To 30' Road Width x 7' Run Modular Rubber Speed Table	57.29	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0006 SF >24' To 30' Road Width x 14' Run Modular Rubber Speed Table	50.51	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0007 SF >24' To 30' Road Width x 21' Run Modular Rubber Speed Table	47.81	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0008 SF >30' To 40' Road Width x 7' Run Modular Rubber Speed Table	54.82	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0009 SF >30' To 40' Road Width x 14' Run Modular Rubber Speed Table	49.10	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
32 17 16 00-0010 SF >30' To 40' Road Width x 21' Run Modular Rubber Speed Table	46.67	
Note: Includes drilling in pavement, lag bolts and 3" x 18" x 42" compression molded recycled synthetic and natural rubber composite modular panels.		
 32 17 16 00-0011 Asphalt Speed Table (32 17 16)		
Note: Excludes pavement markings or reflectors.		
32 17 16 00-0012 LF Up to 36" Run, Asphalt Speed Table With 3" Center Crown	34.80	
Note: Tapered on edges to roadway.		
32 17 16 00-0013 LF >36" To 48" Run, Asphalt Speed Table With 3" Center Crown	41.00	
Note: Tapered on edges to roadway.		
32 17 16 00-0014 LF Up to 36" Run, Asphalt Speed Table With 4" Center Crown	43.69	
Note: Tapered on edges to roadway.		
32 17 16 00-0015 LF >36" To 48" Run, Asphalt Speed Table With 4" Center Crown	51.51	
Note: Tapered on edges to roadway.		
32 17 16 00-0016 LF Up to 36" Run, Asphalt Speed Table With 6" Center Crown	53.71	
Note: Tapered on edges to roadway.		
32 17 16 00-0017 LF >36" To 48" Run, Asphalt Speed Table With 6" Center Crown	59.91	
Note: Tapered on edges to roadway.		
 32 17 16 00-0018 Mini Speed Humps (32 17 16)		
32 17 16 00-0019 EA 35-1/2" x 19-1/2" x 2-1/4" Recycled Rubber Mini Speed Humps With Reflectors	240.04	20.55
Note: Includes bolts.		
<i>For Adhesive Installed Instead of Bolt Down, Deduct</i>		
	-2.34	
32 17 16 00-0020 EA 35-1/2" x 19-1/2" x 2-1/4" Recycled Rubber Mini Speed Humps End Section	183.76	20.55
Note: Includes bolts.		
<i>For Adhesive Installed Instead of Bolt Down, Deduct</i>		
	-2.34	
 32 17 16 00-0021 Speed Bumps (32 17 16)		
Note: Excludes pavement markings or reflectors.		
32 17 16 00-0022 LF 2-1/4" High x 10-1/2" Wide, Asphalt Speed Bump	31.29	1.77
32 17 16 00-0023 LF 2-1/4" High x 12" Wide, Recycled Rubber Speed Bump	31.14	1.18
32 17 16 00-0024 LF 2-5/8" High x 12" Wide, Recycled Plastic Speed Bump	185.13	1.18

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 17 23 Pavement Markings (32 17)**32 17 23 13 Painted Pavement Markings** (32 17 23)

32 17 23 13-0001	Pavement Striping, Letters, Symbols And Markers For Roads <small>(32 17 23 13)</small> Note: Includes primers, adhesive and glass beads where required. For broken line quantities use total lane length. Per Coat.		
32 17 23 13-0002	Epoxy Reflective Pavement Marking <small>(32 17 23 13-0001)</small> Note: 15 mil thickness.		
32 17 23 13-0003	LF Single 4" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.57	
	For 20 Mil Thickness, Add	0.13	
	For Up To 5,000 LF, Add	0.11	
	For >25,000 LF, Deduct	-0.09	
	For Broken Line, Deduct	-0.26	
32 17 23 13-0004	LF Single 6" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.79	
	For 20 Mil Thickness, Add	0.19	
	For Up To 5,000 LF, Add	0.16	
	For >25,000 LF, Deduct	-0.12	
	For Broken Line, Deduct	-0.39	
32 17 23 13-0005	LF Single 8" Wide Solid Line, Epoxy Reflective Pavement Striping.....	0.96	
	For 20 Mil Thickness, Add	0.22	
	For Up To 5,000 LF, Add	0.19	
	For >25,000 LF, Deduct	-0.14	
	For Broken Line, Deduct	-0.47	
32 17 23 13-0006	LF Single 12" Wide Solid Line, Epoxy Reflective Pavement Striping.....	1.46	
	For 20 Mil Thickness, Add	0.36	
	For Up To 5,000 LF, Add	0.29	
	For >25,000 LF, Deduct	-0.22	
	For Broken Line, Deduct	-0.77	
32 17 23 13-0007	LF Double 4" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	0.90	
	For 20 Mil Thickness, Add	0.24	
	For Up To 5,000 LF, Add	0.18	
	For >25,000 LF, Deduct	-0.14	
	For Broken Line On One Side, Deduct	-0.26	
	For Double Broken Line, Deduct	-0.51	
32 17 23 13-0008	LF Double 6" Wide Solid Lines, Epoxy Reflective Pavement Striping.....	1.29	
	For 20 Mil Thickness, Add	0.35	
	For Up To 5,000 LF, Add	0.26	
	For >25,000 LF, Deduct	-0.19	
	For Broken Line On One Side, Deduct	-0.38	
	For Double Broken Line, Deduct	-0.77	
32 17 23 13-0009	EA 6" High, Letter/Number, Epoxy Reflective Pavement Marking.....	4.03	
	For 20 Mil Thickness, Add	0.41	
	For <10, Add	0.50	
	For >50 To 100, Deduct	-0.25	
	For >100 To 200, Deduct	-0.33	
	For >200, Deduct	-0.66	
32 17 23 13-0010	EA 12" High, Letter/Number, Epoxy Reflective Pavement Marking.....	7.64	
	For 20 Mil Thickness, Add	1.13	
	For <10, Add	0.75	
	For >50 To 100, Deduct	-0.37	
	For >100 To 200, Deduct	-0.50	
	For >200, Deduct	-1.00	
32 17 23 13-0011	EA 24" High, Letter/Number, Epoxy Reflective Pavement Marking.....	12.91	
	For 20 Mil Thickness, Add	1.96	
	For <10, Add	1.24	
	For >50 To 100, Deduct	-0.62	
	For >100 To 200, Deduct	-0.83	
	For >200, Deduct	-1.66	
32 17 23 13-0012	EA 36" High, Letter/Number, Epoxy Reflective Pavement Marking.....	24.70	
	For 20 Mil Thickness, Add	3.54	
	For <10, Add	2.48	
	For >50 To 100, Deduct	-1.24	
	For >100 To 200, Deduct	-1.66	
	For >200, Deduct	-3.31	
32 17 23 13-0013	EA 48" High, Letter/Number, Epoxy Reflective Pavement Marking.....	29.17	
	For 20 Mil Thickness, Add	4.46	
	For <10, Add	2.79	
	For >50 To 100, Deduct	-1.39	
	For >100 To 200, Deduct	-1.86	
	For >200, Deduct	-3.72	
32 17 23 13-0014	EA 72" High, Letter/Number, Epoxy Reflective Pavement Marking.....	52.39	
	For 20 Mil Thickness, Add	8.10	
	For <10, Add	4.96	
	For >50 To 100, Deduct	-2.48	
	For >100 To 200, Deduct	-3.31	
	For >200, Deduct	-6.61	
32 17 23 13-0015	EA 96" High, Letter/Number, Epoxy Reflective Pavement Marking.....	69.83	
	For 20 Mil Thickness, Add	10.70	
	For <10, Add	6.66	
	For >50 To 100, Deduct	-3.33	
	For >100 To 200, Deduct	-4.44	
	For >200, Deduct	-8.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0016 EA 120" High, Letter/Number, Epoxy Reflective Pavement Marking.....	111.79	
<i>For 20 Mil Thickness, Add</i>	21.68	
<i>For <10, Add</i>	8.25	
<i>For >50 To 100, Deduct</i>	-4.12	
<i>For >100 To 200, Deduct</i>	-5.50	
<i>For >200, Deduct</i>	-11.00	
32 17 23 13-0017 SF Letter/Number, Epoxy Reflective Pavement Marking	6.82	
<i>For 20 Mil Thickness, Add</i>	0.86	
32 17 23 13-0018 SY Cross Hatch, Epoxy Reflective Pavement Marking.....	58.10	
32 17 23 13-0019 SF Symbols, Epoxy Reflective Pavement Marking.....	8.50	
Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0020 Painted Reflective Pavement Marking <small>(32 17 23 13-0001)</small>		
Note: 15 mil thickness.		
32 17 23 13-0021 LF Single 4" Wide Solid Line, Painted Reflective Pavement Striping.....	0.31	
<i>For Up To 5,000 LF, Add</i>	0.06	
<i>For >25,000 LF, Deduct</i>	-0.05	
<i>For Broken Line, Deduct</i>	-0.07	
32 17 23 13-0022 LF Single 6" Wide Solid Line, Painted Reflective Pavement Striping.....	0.40	
<i>For Up To 5,000 LF, Add</i>	0.08	
<i>For >25,000 LF, Deduct</i>	-0.06	
<i>For Broken Line, Deduct</i>	-0.10	
32 17 23 13-0023 LF Single 8" Wide Solid Line, Painted Reflective Pavement Striping.....	0.50	
<i>For Up To 5,000 LF, Add</i>	0.10	
<i>For >25,000 LF, Deduct</i>	-0.08	
<i>For Broken Line, Deduct</i>	-0.12	
32 17 23 13-0024 LF Single 12" Wide Solid Line, Painted Reflective Pavement Striping.....	0.68	
<i>For Up To 5,000 LF, Add</i>	0.14	
<i>For >25,000 LF, Deduct</i>	-0.10	
<i>For Broken Line, Deduct</i>	-0.18	
32 17 23 13-0025 LF Double 4" Wide Solid Lines, Painted Reflective Pavement Striping	0.45	
<i>For Up To 5,000 LF, Add</i>	0.09	
<i>For >25,000 LF, Deduct</i>	-0.07	
<i>For Broken Line On One Side, Deduct</i>	-0.06	
<i>For Double Broken Line, Deduct</i>	-0.12	
32 17 23 13-0026 LF Double 6" Wide Solid Lines, Painted Reflective Pavement Striping	0.67	
<i>For Up To 5,000 LF, Add</i>	0.13	
<i>For >25,000 LF, Deduct</i>	-0.10	
<i>For Broken Line On One Side, Deduct</i>	-0.09	
<i>For Double Broken Line, Deduct</i>	-0.18	
32 17 23 13-0027 SF Solid Area, Painted Reflective Pavement Striping	5.06	
Note: Use this task for: lines >12" wide, stop bars, transverse lines, diagonal lines, crossing lanes, etc.		
32 17 23 13-0028 EA 6" High, Letter/Number, Painted Reflective Pavement Marking.....	3.72	
<i>For <10, Add</i>	0.50	
<i>For >50 To 100, Deduct</i>	-0.25	
<i>For >100 To 200, Deduct</i>	-0.33	
<i>For >200, Deduct</i>	-0.66	
32 17 23 13-0029 EA 12" High, Letter/Number, Painted Reflective Pavement Marking.....	6.51	
<i>For <10, Add</i>	0.75	
<i>For >50 To 100, Deduct</i>	-0.37	
<i>For >100 To 200, Deduct</i>	-0.50	
<i>For >200, Deduct</i>	-1.00	
32 17 23 13-0030 EA 24" High, Letter/Number, Painted Reflective Pavement Marking.....	10.94	
<i>For <10, Add</i>	1.24	
<i>For >50 To 100, Deduct</i>	-0.62	
<i>For >100 To 200, Deduct</i>	-0.83	
<i>For >200, Deduct</i>	-1.66	
32 17 23 13-0031 EA 36" High, Letter/Number, Painted Reflective Pavement Marking.....	21.23	
<i>For <10, Add</i>	2.48	
<i>For >50 To 100, Deduct</i>	-1.24	
<i>For >100 To 200, Deduct</i>	-1.66	
<i>For >200, Deduct</i>	-3.31	
32 17 23 13-0032 EA 48" High, Letter/Number, Painted Reflective Pavement Marking.....	24.66	
<i>For <10, Add</i>	2.79	
<i>For >50 To 100, Deduct</i>	-1.39	
<i>For >100 To 200, Deduct</i>	-1.86	
<i>For >200, Deduct</i>	-3.72	
32 17 23 13-0033 EA 72" High, Letter/Number, Painted Reflective Pavement Marking.....	44.15	
<i>For <10, Add</i>	4.96	
<i>For >50 To 100, Deduct</i>	-2.48	
<i>For >100 To 200, Deduct</i>	-3.31	
<i>For >200, Deduct</i>	-6.61	
32 17 23 13-0034 EA 96" High, Letter/Number, Painted Reflective Pavement Marking.....	58.99	
<i>For <10, Add</i>	6.66	
<i>For >50 To 100, Deduct</i>	-3.33	
<i>For >100 To 200, Deduct</i>	-4.44	
<i>For >200, Deduct</i>	-8.88	
32 17 23 13-0035 EA 120" High, Letter/Number, Painted Reflective Pavement Marking.....	87.59	
<i>For <10, Add</i>	8.25	
<i>For >50 To 100, Deduct</i>	-4.12	
<i>For >100 To 200, Deduct</i>	-5.50	
<i>For >200, Deduct</i>	-11.00	
32 17 23 13-0036 SF Letter/Number, Painted Reflective Pavement Marking	6.04	
32 17 23 13-0037 SY Cross Hatch, Painted Reflective Pavement Marking	6.69	
32 17 23 13-0038 SF Symbols, Painted Reflective Pavement Marking	7.16	
Note: Handicap, railroad, diamond, arrows, etc.		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 17 23 13-0039		Painted Reflective Pavement Marking (CALTRANS) <small>(32 17 23 13-0001)</small>		
		Note: Per LF of detail.		
32 17 23 13-0040	LF	CALTRANS Detail 1 Centerline, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	0.05	
		For >25,000 LF, Deduct	-0.04	
32 17 23 13-0041	LF	CALTRANS Detail 2 Centerline, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
32 17 23 13-0042	LF	CALTRANS Detail 4 Centerline	0.73	
		For Up To 5,000 LF, Add	0.15	
		For >25,000 LF, Deduct	-0.11	
32 17 23 13-0043	LF	CALTRANS Detail 5 Centerline, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	0.05	
		For >25,000 LF, Deduct	-0.04	
32 17 23 13-0044	LF	CALTRANS Detail 6 Centerline, Painted Reflective Pavement Striping	0.39	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
32 17 23 13-0045	LF	CALTRANS Detail 7 Centerline	0.53	
		For Up To 5,000 LF, Add	0.11	
		For >25,000 LF, Deduct	-0.08	
32 17 23 13-0046	LF	CALTRANS Detail 8 Lanelines, Painted Reflective Pavement Striping	0.25	
		For Up To 5,000 LF, Add	0.05	
		For >25,000 LF, Deduct	-0.04	
32 17 23 13-0047	LF	CALTRANS Detail 9 Lanelines, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
32 17 23 13-0048	LF	CALTRANS Detail 10 Lanelines	0.73	
		For Up To 5,000 LF, Add	0.15	
		For >25,000 LF, Deduct	-0.11	
32 17 23 13-0049	LF	CALTRANS Detail 11 Lanelines, Painted Reflective Pavement Striping	0.24	
		For Up To 5,000 LF, Add	0.05	
		For >25,000 LF, Deduct	-0.04	
32 17 23 13-0050	LF	CALTRANS Detail 12 Lanelines, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
32 17 23 13-0051	LF	CALTRANS Detail 13 Lanelines	0.53	
		For Up To 5,000 LF, Add	0.11	
		For >25,000 LF, Deduct	-0.08	
32 17 23 13-0052	LF	CALTRANS Detail 14 Lanelines	0.53	
		For Up To 5,000 LF, Add	0.11	
		For >25,000 LF, Deduct	-0.08	
32 17 23 13-0053	LF	CALTRANS Detail 14A Lanelines, Painted Reflective Pavement Striping	0.38	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
32 17 23 13-0054	LF	CALTRANS Detail 15 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.34	
		For Up To 5,000 LF, Add	0.07	
		For >25,000 LF, Deduct	-0.05	
		For Broken Line On One Side, Deduct	-0.05	
		For Double Broken Line, Deduct	-0.09	
32 17 23 13-0055	LF	CALTRANS Detail 16 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.86	
		For Up To 5,000 LF, Add	0.17	
		For >25,000 LF, Deduct	-0.13	
32 17 23 13-0056	LF	CALTRANS Detail 17 No Passing Zones-One Direction Lanelines	2.13	
		For Up To 5,000 LF, Add	0.43	
		For >25,000 LF, Deduct	-0.32	
32 17 23 13-0057	LF	CALTRANS Detail 18 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.34	
		For Up To 5,000 LF, Add	0.07	
		For >25,000 LF, Deduct	-0.05	
		For Broken Line On One Side, Deduct	-0.05	
		For Double Broken Line, Deduct	-0.09	
32 17 23 13-0058	LF	CALTRANS Detail 19 No Passing Zones-One Direction Lanelines, Painted Reflective Pavement Striping	0.73	
		For Up To 5,000 LF, Add	0.15	
		For >25,000 LF, Deduct	-0.11	
32 17 23 13-0059	LF	CALTRANS Detail 20 No Passing Zones-One Direction Lanelines	1.80	
		For Up To 5,000 LF, Add	0.36	
		For >25,000 LF, Deduct	-0.27	
32 17 23 13-0060	LF	CALTRANS Detail 21 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.41	
		For Up To 5,000 LF, Add	0.08	
		For >25,000 LF, Deduct	-0.06	
		For Broken Line On One Side, Deduct	-0.07	
		For Double Broken Line, Deduct	-0.14	
32 17 23 13-0061	LF	CALTRANS Detail 22 No Passing Zones-Two Direction Lanelines, Painted Reflective Pavement Striping	0.93	
		For Up To 5,000 LF, Add	0.19	
		For >25,000 LF, Deduct	-0.14	
32 17 23 13-0062	LF	CALTRANS Detail 23 No Passing Zones-Two Direction Lanelines	2.52	
		For Up To 5,000 LF, Add	0.50	
		For >25,000 LF, Deduct	-0.38	
32 17 23 13-0063	LF	CALTRANS Detail 24 Left Edgelines, Painted Reflective Pavement Striping	0.32	
		For Up To 5,000 LF, Add	0.06	
		For >25,000 LF, Deduct	-0.05	
32 17 23 13-0064	LF	CALTRANS Detail 25 Left Edgelines, Painted Reflective Pavement Striping	0.45	
		For Up To 5,000 LF, Add	0.09	
		For >25,000 LF, Deduct	-0.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0065 LF CALTRANS Detail 25A Left Edgelines, Painted Reflective Pavement Striping	0.57	
<i>For Up To 5,000 LF, Add</i>	0.11	
<i>For >25,000 LF, Deduct</i>	-0.09	
32 17 23 13-0066 LF CALTRANS Detail 26 Left Edgelines.....	0.13	
<i>For Up To 5,000 LF, Add</i>	0.03	
<i>For >25,000 LF, Deduct</i>	-0.02	
32 17 23 13-0067 LF CALTRANS Detail 27 Left Edgelines, Painted Reflective Pavement Striping.....	0.54	
<i>For Up To 5,000 LF, Add</i>	0.11	
<i>For >25,000 LF, Deduct</i>	-0.08	
32 17 23 13-0068 LF CALTRANS Detail 27B Right Edgelines, Painted Reflective Pavement Striping	0.32	
<i>For Up To 5,000 LF, Add</i>	0.06	
<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0069 LF CALTRANS Detail 27C Right Edgeline Extension Through Intersections, Painted Reflective Pavement Striping	0.24	
<i>For Up To 5,000 LF, Add</i>	0.05	
<i>For >25,000 LF, Deduct</i>	-0.04	
32 17 23 13-0070 LF CALTRANS Detail 28 Median Islands, Painted Reflective Pavement Striping	0.82	
<i>For Up To 5,000 LF, Add</i>	0.16	
<i>For >25,000 LF, Deduct</i>	-0.12	
<i>For Broken Line On One Side, Deduct</i>	-0.14	
<i>For Double Broken Line, Deduct</i>	-0.29	
32 17 23 13-0071 LF CALTRANS Detail 29 Median Islands, Painted Reflective Pavement Striping	1.33	
<i>For Up To 5,000 LF, Add</i>	0.27	
<i>For >25,000 LF, Deduct</i>	-0.20	
32 17 23 13-0072 LF CALTRANS Detail 30 Median Islands	5.06	
<i>For Up To 5,000 LF, Add</i>	1.01	
<i>For >25,000 LF, Deduct</i>	-0.76	
32 17 23 13-0073 LF CALTRANS Detail 31 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	0.68	
<i>For Up To 5,000 LF, Add</i>	0.14	
<i>For >25,000 LF, Deduct</i>	-0.10	
<i>For Broken Line On One Side, Deduct</i>	-0.09	
<i>For Double Broken Line, Deduct</i>	-0.18	
32 17 23 13-0074 LF CALTRANS Detail 32 Two-Way Left Turn Lanes, Painted Reflective Pavement Striping	1.32	
<i>For Up To 5,000 LF, Add</i>	0.26	
<i>For >25,000 LF, Deduct</i>	-0.20	
32 17 23 13-0075 LF CALTRANS Detail 33 Two-Way Left Turn Lanes	3.46	
<i>For Up To 5,000 LF, Add</i>	0.69	
<i>For >25,000 LF, Deduct</i>	-0.52	
32 17 23 13-0076 LF CALTRANS Detail 34 Intersection Treatments, Painted Reflective Pavement Striping.....	0.73	
<i>For Up To 5,000 LF, Add</i>	0.15	
<i>For >25,000 LF, Deduct</i>	-0.11	
32 17 23 13-0077 LF CALTRANS Detail 34A Intersection Treatments, Painted Reflective Pavement Striping.....	0.34	
<i>For Up To 5,000 LF, Add</i>	0.07	
<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0078 LF CALTRANS Detail 35 Intersection Treatments, Painted Reflective Pavement Striping.....	0.87	
<i>For Up To 5,000 LF, Add</i>	0.17	
<i>For >25,000 LF, Deduct</i>	-0.13	
32 17 23 13-0079 LF CALTRANS Detail 35A Intersection Treatments, Painted Reflective Pavement Striping.....	0.34	
<i>For Up To 5,000 LF, Add</i>	0.07	
<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23 13-0080 LF CALTRANS Detail 36 Exit Ramp Neutral Area (Gore) Treatment, Painted Reflective Pavement Striping	1.51	
<i>For Up To 5,000 LF, Add</i>	0.30	
<i>For >25,000 LF, Deduct</i>	-0.23	
32 17 23 13-0081 LF CALTRANS Detail 36A Entrance Ramp Neutral Area (Merge) Treatment, Painted Reflective Pavement Striping	0.99	
<i>For Up To 5,000 LF, Add</i>	0.20	
<i>For >25,000 LF, Deduct</i>	-0.15	
32 17 23 13-0082 LF CALTRANS Detail 36B Entrance Ramp Neutral Area (Acceleration Lane) Treatment, Painted Reflective Pavement Striping	1.07	
<i>For Up To 5,000 LF, Add</i>	0.21	
<i>For >25,000 LF, Deduct</i>	-0.16	
32 17 23 13-0083 LF CALTRANS Detail 37 Lane Drop At Exit Ramps, Painted Reflective Pavement Striping.....	0.92	
<i>For Up To 5,000 LF, Add</i>	0.18	
<i>For >25,000 LF, Deduct</i>	-0.14	
32 17 23 13-0084 LF CALTRANS Detail 37A Lane Drop At Exit Ramps.....	1.70	
<i>For Up To 5,000 LF, Add</i>	0.34	
<i>For >25,000 LF, Deduct</i>	-0.26	
32 17 23 13-0085 LF CALTRANS Detail 37B Lane Drop At Intersections, Painted Reflective Pavement Striping.....	0.92	
<i>For Up To 5,000 LF, Add</i>	0.18	
<i>For >25,000 LF, Deduct</i>	-0.14	
32 17 23 13-0086 LF CALTRANS Detail 37C Lane Drop At Intersections.....	1.70	
<i>For Up To 5,000 LF, Add</i>	0.34	
<i>For >25,000 LF, Deduct</i>	-0.26	
32 17 23 13-0087 LF CALTRANS Detail 38 Channelizing Line, Painted Reflective Pavement Striping	0.90	
<i>For Up To 5,000 LF, Add</i>	0.18	
<i>For >25,000 LF, Deduct</i>	-0.14	
32 17 23 13-0088 LF CALTRANS Detail 38A Channelizing Line, Painted Reflective Pavement Striping.....	0.64	
<i>For Up To 5,000 LF, Add</i>	0.13	
<i>For >25,000 LF, Deduct</i>	-0.10	
32 17 23 13-0089 LF CALTRANS Detail 38B Channelizing Line, Painted Reflective Pavement Striping.....	1.15	
<i>For Up To 5,000 LF, Add</i>	0.23	
<i>For >25,000 LF, Deduct</i>	-0.17	
32 17 23 13-0090 LF CALTRANS Detail 38C Channelizing Line	2.52	
<i>For Up To 5,000 LF, Add</i>	0.50	
<i>For >25,000 LF, Deduct</i>	-0.38	
32 17 23 13-0091 LF CALTRANS Detail 39 Bike Lane Line, Painted Reflective Pavement Striping.....	0.39	
<i>For Up To 5,000 LF, Add</i>	0.08	
<i>For >25,000 LF, Deduct</i>	-0.06	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23	13-0092	LF	CALTRANS Detail 39A Intersection Line Bike Lane, Painted Reflective Pavement Striping.....	0.31	
			<i>For Up To 5,000 LF, Add</i>	0.06	
			<i>For >25,000 LF, Deduct</i>	-0.05	
32 17 23	13-0093	LF	CALTRANS Detail 40 Lane Line Extensions Through Intersections, Painted Reflective Pavement Striping.....	0.23	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23	13-0094	LF	CALTRANS Detail 40A Lane Line Extensions Through Intersections	1.21	
			<i>For Up To 5,000 LF, Add</i>	0.24	
			<i>For >25,000 LF, Deduct</i>	-0.18	
32 17 23	13-0095	LF	CALTRANS Detail 41 Center Line Extensions Through Intersections, Painted Reflective Pavement Striping	0.23	
			<i>For Up To 5,000 LF, Add</i>	0.05	
			<i>For >25,000 LF, Deduct</i>	-0.03	
32 17 23	13-0096	LF	CALTRANS Detail 41A Center Line Extensions Through Intersections.....	1.21	
			<i>For Up To 5,000 LF, Add</i>	0.24	
			<i>For >25,000 LF, Deduct</i>	-0.18	
32 17 23	13-0097	EA	CALTRANS 10' Arrow, Type I, Painted Reflective Pavement Marking	95.72	
			<i>For <10, Add</i>	12.06	
			<i>For >50 To 100, Deduct</i>	-6.03	
			<i>For >100 To 200, Deduct</i>	-8.04	
			<i>For >200, Deduct</i>	-16.08	
32 17 23	13-0098	EA	CALTRANS 18' Arrow, Type I, Painted Reflective Pavement Marking	168.07	
			<i>For <10, Add</i>	21.11	
			<i>For >50 To 100, Deduct</i>	-10.55	
			<i>For >100 To 200, Deduct</i>	-14.07	
			<i>For >200, Deduct</i>	-28.14	
32 17 23	13-0099	EA	CALTRANS 24' Arrow, Type I, Painted Reflective Pavement Marking	210.82	
			<i>For <10, Add</i>	26.53	
			<i>For >50 To 100, Deduct</i>	-13.27	
			<i>For >100 To 200, Deduct</i>	-17.69	
			<i>For >200, Deduct</i>	-35.38	
32 17 23	13-0100	EA	CALTRANS 24' Arrow With Single (L or R) Turn Arrow, Type II, Painted Reflective Pavement Marking	306.55	
			<i>For <10, Add</i>	38.59	
			<i>For >50 To 100, Deduct</i>	-19.30	
			<i>For >100 To 200, Deduct</i>	-25.73	
			<i>For >200, Deduct</i>	-51.46	
32 17 23	13-0101	EA	CALTRANS 24' Arrow With Both (L and R) Turn Arrows, Type II, Painted Reflective Pavement Marking	402.28	
			<i>For <10, Add</i>	50.65	
			<i>For >50 To 100, Deduct</i>	-25.33	
			<i>For >100 To 200, Deduct</i>	-33.77	
			<i>For >200, Deduct</i>	-67.54	
32 17 23	13-0102	EA	CALTRANS 24' Arrow Single (L or R) Turn Arrow, Type III, Painted Reflective Pavement Marking.....	283.16	
			<i>For <10, Add</i>	35.58	
			<i>For >50 To 100, Deduct</i>	-17.79	
			<i>For >100 To 200, Deduct</i>	-23.72	
			<i>For >200, Deduct</i>	-47.43	
32 17 23	13-0103	EA	CALTRANS 24' Arrow Both (L and R) Turn Arrows, Type III, Painted Reflective Pavement Marking.....	493.99	
			<i>For <10, Add</i>	62.11	
			<i>For >50 To 100, Deduct</i>	-31.05	
			<i>For >100 To 200, Deduct</i>	-41.41	
			<i>For >200, Deduct</i>	-82.81	
32 17 23	13-0104	EA	CALTRANS 8' Turn Arrow (L or R), Type IV, Painted Reflective Pavement Marking	100.84	
			<i>For <10, Add</i>	12.66	
			<i>For >50 To 100, Deduct</i>	-6.33	
			<i>For >100 To 200, Deduct</i>	-8.44	
			<i>For >200, Deduct</i>	-16.88	
32 17 23	13-0105	EA	CALTRANS 24' Arrow, Type V, Painted Reflective Pavement Marking.....	221.05	
			<i>For <10, Add</i>	27.74	
			<i>For >50 To 100, Deduct</i>	-13.87	
			<i>For >100 To 200, Deduct</i>	-18.49	
			<i>For >200, Deduct</i>	-36.98	
32 17 23	13-0106	EA	CALTRANS 18' Arrow, Type VI, Painted Reflective Pavement Marking.....	283.16	
			<i>For <10, Add</i>	35.58	
			<i>For >50 To 100, Deduct</i>	-17.79	
			<i>For >100 To 200, Deduct</i>	-23.72	
			<i>For >200, Deduct</i>	-47.43	
32 17 23	13-0107	EA	CALTRANS 13' Arrow With Single (L or R) Turn Arrow, Type VII, Painted Reflective Pavement Marking	182.53	
			<i>For <10, Add</i>	22.91	
			<i>For >50 To 100, Deduct</i>	-11.46	
			<i>For >100 To 200, Deduct</i>	-15.28	
			<i>For >200, Deduct</i>	-30.55	
32 17 23	13-0108	EA	CALTRANS 15' Arrow With Both (L and R) Turn Arrows, Type VIII, Painted Reflective Pavement Marking	240.42	
			<i>For <10, Add</i>	30.15	
			<i>For >50 To 100, Deduct</i>	-15.08	
			<i>For >100 To 200, Deduct</i>	-20.10	
			<i>For >200, Deduct</i>	-40.20	
32 17 23	13-0109	EA	CALTRANS 5' Arrow, Bike Lane, Painted Reflective Pavement Marking	47.86	
			<i>For <10, Add</i>	6.03	
			<i>For >50 To 100, Deduct</i>	-3.02	
			<i>For >100 To 200, Deduct</i>	-4.02	
			<i>For >200, Deduct</i>	-8.04	
32 17 23	13-0110	EA	CALTRANS Railroad Crossing Symbol, Painted Reflective Pavement Marking.....	458.55	
			Note: Excludes variable width transverse lines.		
			<i>For <10, Add</i>	57.29	
			<i>For >50 To 100, Deduct</i>	-28.64	
			<i>For >100 To 200, Deduct</i>	-38.19	
			<i>For >200, Deduct</i>	-76.38	
32 17 23	13-0111	SF	CALTRANS Solid Area, Painted Reflective Pavement Marking.....	6.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0112 EA CALTRANS Bike Lane Symbol Without Person, Painted Reflective Pavement Marking.....	47.11	
Note: Approximate overall dimensions: 4' width x 8' height.		
For <10, Add	4.34	
For >50 To 100, Deduct	-2.17	
For >100 To 200, Deduct	-2.89	
For >200, Deduct	-5.79	
32 17 23 13-0113 EA CALTRANS Bike Lane Symbol With Person, Painted Reflective Pavement Marking.....	49.94	
Note: Approximate overall dimensions: 4' width x 8' height.		
For <10, Add	4.58	
For >50 To 100, Deduct	-2.29	
For >100 To 200, Deduct	-3.06	
For >200, Deduct	-6.11	
32 17 23 13-0114 EA CALTRANS Diamond Symbol, Painted Reflective Pavement Marking.....	76.36	
For <10, Add	9.65	
For >50 To 100, Deduct	-4.82	
For >100 To 200, Deduct	-6.43	
For >200, Deduct	-12.86	
32 17 23 13-0115 EA CALTRANS International Symbol Of Accessibility (ISA) Marking, Painted Reflective Pavement Marking	155.43	
For <10, Add	19.54	
For >50 To 100, Deduct	-9.77	
For >100 To 200, Deduct	-13.03	
For >200, Deduct	-26.05	
32 17 23 13-0116 EA CALTRANS Bike Loop Detector Symbol, Painted Reflective Pavement Marking.....	32.65	
Note: Approximate overall dimensions: 4' width x 8' height.		
For <10, Add	4.58	
For >50 To 100, Deduct	-2.29	
For >100 To 200, Deduct	-3.06	
For >200, Deduct	-6.11	
32 17 23 13-0117 SF CALTRANS Letter/Number, Painted Reflective Pavement Marking	6.09	
32 17 23 13-0118 SF CALTRANS Symbols, Painted Reflective Pavement Marking	6.73	
Note: Handicap, railroad, diamond, arrows, etc.		
32 17 23 13-0119 Pavement Striping, Letters And Symbols For Parking Areas (32 17 23 13)		
Note: Includes primers. Per Coat.		
32 17 23 13-0120 Painted Pavement Marking For Parking Areas (32 17 23 13-0119)		
Note: 15 mil thickness.		
32 17 23 13-0121 LF Single 4" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.12	
32 17 23 13-0122 LF Single 6" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.22	
32 17 23 13-0123 LF Single 8" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.30	
32 17 23 13-0124 LF Single 12" Wide Solid Line, Painted Pavement Striping For Parking Areas.....	1.47	
32 17 23 13-0125 EA 6" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	3.62	
For Up To 10, Add	0.48	
For >50 To 100, Deduct	-0.24	
For >100 To 200, Deduct	-0.32	
For >200, Deduct	-0.64	
32 17 23 13-0126 EA 12" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	6.28	
For Up To 10, Add	0.72	
For >50 To 100, Deduct	-0.36	
For >100 To 200, Deduct	-0.48	
For >200, Deduct	-0.96	
32 17 23 13-0127 EA 24" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	10.60	
For Up To 10, Add	1.21	
For >50 To 100, Deduct	-0.60	
For >100 To 200, Deduct	-0.80	
For >200, Deduct	-1.61	
32 17 23 13-0128 EA 36" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	19.77	
For Up To 10, Add	2.29	
For >50 To 100, Deduct	-1.15	
For >100 To 200, Deduct	-1.53	
For >200, Deduct	-3.05	
32 17 23 13-0129 EA 42" High, Letter/Number, Painted Pavement Marking For Parking Areas.....	26.08	
For Up To 10, Add	3.14	
For >50 To 100, Deduct	-1.57	
For >100 To 200, Deduct	-2.09	
For >200, Deduct	-4.18	
32 17 23 13-0130 EA 48" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	31.58	
For Up To 10, Add	3.86	
For >50 To 100, Deduct	-1.93	
For >100 To 200, Deduct	-2.57	
For >200, Deduct	-5.15	
32 17 23 13-0131 EA 72" High, Letter/Number/Arrow, Painted Pavement Marking For Parking Areas	42.85	
For Up To 10, Add	4.82	
For >50 To 100, Deduct	-2.41	
For >100 To 200, Deduct	-3.22	
For >200, Deduct	-6.43	
32 17 23 13-0132 EA Through Lane Arrow, Painted Pavement Marking For Parking Areas	79.84	
Note: Approximate overall dimensions: 3-1/2' width x 10' height.		
32 17 23 13-0133 EA Turn Lane Arrow, Painted Pavement Marking For Parking Areas	93.01	
Note: Approximate overall dimensions: 6' width x 8' height.		
32 17 23 13-0134 EA Dual Turn Lane Arrow, Painted Pavement Marking For Parking Areas	136.60	
Note: Approximate overall dimensions: 11' width x 8' height.		
32 17 23 13-0135 EA Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas.....	139.64	
Note: Approximate overall dimensions: 7' width x 13' height.		
32 17 23 13-0136 EA Dual Turn And Through Lane Arrow, Painted Pavement Marking For Parking Areas	185.82	
Note: Approximate overall dimensions: 9' width x 15' height.		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 13-0137	EA		Handicap Symbol For Standard Parking Stalls, Painted Pavement Marking For Parking Areas Note: Approximate overall dimensions: 2-2/3' width x 3' height. White or blue symbol. Excludes striping.	31.27	
			<i>For Blue Background With White Symbol, Add</i>	25.34	
			<i>For Blue Background With White Symbol And Border, Add</i>	31.68	
32 17 23 13-0138	EA		Handicap Symbol For Van Parking Stalls, Painted Pavement Marking For Parking Areas..... Note: Approximate overall dimensions: 4-1/3' width x 5' height. White or blue symbol. Excludes striping.	47.92	
			<i>For Blue Background With White Symbol, Add</i>	54.13	
			<i>For Blue Background With White Symbol And Border, Add</i>	67.66	
32 17 23 13-0139			Painted Curbs <small>(32 17 23 13)</small> Note: All colors.		
32 17 23 13-0140	LF		Reflective Painted Curb	2.98	
32 17 23 13-0141	LF		Reflective Painted Curb And Gutter	5.74	
32 17 23 13-0142	LF		Painted Curb	2.42	
32 17 23 13-0143	LF		Painted Curb And Gutter.....	5.27	
32 17 23 13-0144			Markings For Outdoor Play Areas, Courts <small>(32 17 23 13)</small>		
32 17 23 13-0145	LF		2" Wide Marking For Outdoor Play Areas	0.95	
32 17 23 13-0146	LF		3" Wide Marking For Outdoor Play Areas	1.06	
32 17 23 13-0147	LF		4" Wide Marking For Outdoor Play Areas	1.20	
32 17 23 13-0148	LF		6" Wide Marking For Outdoor Play Areas	1.40	
32 17 23 13-0149	EA		Layout And Paint Playground Game Lines And Background On Asphalt Or Concrete (Hop Scotch, 4 Square, Numbers Games, Etcetera).....	276.59	
32 17 23 23			Raised Pavement Markings <small>(32 17 23)</small>		
32 17 23 23-0001			Raised Pavement Markers (RPMs) <small>(32 17 23 23)</small>		
32 17 23 23-0002	EA		One-Way Reflective, Raised Pavement Marker (RPM)	5.84	2.49
			Note: Type G, H or R		
			<i>For >100, Deduct</i>	-0.58	
32 17 23 23-0003	EA		Two-Way Reflective, Raised Pavement Marker (RPM)	6.18	2.49
			Note: Type B, C, D, AC, RA or RR		
			<i>For >100, Deduct</i>	-0.62	
32 17 23 23-0004	EA		4" Diameter, Round Reflective, Raised Pavement Marker (RPM)	7.18	2.49
			<i>For >100, Deduct</i>	-0.72	
32 17 23 23-0005	EA		4" Diameter, Non-Reflective, Raised Pavement Marker (RPM)	5.41	2.49
			Note: Type A or AY		
			<i>For >100, Deduct</i>	-0.54	
32 17 23 23-0006			Snowplowable Pavement Markers <small>(32 17 23 23)</small>		
32 17 23 23-0007	EA		One-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	71.95	30.54
			Note: Type G, H or R		
32 17 23 23-0008	EA		Two-Way Reflective, Snowplowable Pavement Marker With Center Rail.....	72.25	30.54
			Note: Type B, C, D, AC, RA or RR		
32 17 23 23-0009	EA		Removal And Replacement Of Reflector For One-Way Reflective, Recessed (Plowable) Pavement Marker	19.57	
32 17 23 23-0010	EA		Removal And Replacement Of Reflectors For Two-Way Reflective, Recessed (Plowable) Pavement Marker	24.97	
32 17 23 33			Plastic Pavement Markings <small>(32 17 23)</small>		
32 17 23 33-0001			Thermoplastic Pavement Striping, Letters, Symbols And Markers For Roads <small>(32 17 23 33)</small> Note: Includes primers, adhesive and glass beads where required. For broken line modifier quantity use total lane length.		
32 17 23 33-0002			Thermoplastic Reflective Pavement Marking <small>(32 17 23 33-0001)</small> Note: 90 mil thickness.		
32 17 23 33-0003	LF		Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	1.45	
			<i>For Up To 5,000 LF, Add</i>	0.29	
			<i>For >25,000 LF, Deduct</i>	-0.22	
			<i>For 60 mils Thick, Deduct</i>	-0.20	
			<i>For 125 mils Thick, Add</i>	0.26	
			<i>For Broken Line, Deduct</i>	-0.87	
32 17 23 33-0004	LF		Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.09	
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.42	
			<i>For >25,000 LF, Deduct</i>	-0.31	
			<i>For 60 mils Thick, Deduct</i>	-0.30	
			<i>For 125 mils Thick, Add</i>	0.39	
			<i>For Broken Line, Deduct</i>	-1.30	
32 17 23 33-0005	LF		Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping	2.76	
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.55	
			<i>For >25,000 LF, Deduct</i>	-0.41	
			<i>For 60 mils Thick, Deduct</i>	-0.40	
			<i>For 125 mils Thick, Add</i>	0.52	
			<i>For Broken Line, Deduct</i>	-1.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0006 LF Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....4.06 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.81 For >25,000 LF, Deduct -0.61 For 60 mils Thick, Deduct -0.61 For 125 mils Thick, Add 0.78 For Broken Line, Deduct -2.60		
32 17 23 33-0007 LF Double 4" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....2.75 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.55 For >25,000 LF, Deduct -0.41 For 60 mils Thick, Deduct -0.40 For 125 mils Thick, Add 0.52 For Broken Line On One Side, Deduct -0.87 For Double Broken Line, Deduct -1.73		
32 17 23 33-0008 LF Double 6" Wide Solid Lines, 90 Mil Thick, Thermoplastic Reflective Pavement Striping .....4.06 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.81 For >25,000 LF, Deduct -0.61 For 60 mils Thick, Deduct -0.61 For 125 mils Thick, Add 0.78 For Broken Line On One Side, Deduct -1.30 For Double Broken Line, Deduct -2.60		
32 17 23 33-0009 SF Solid Area, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....8.27 Note: Includes yellow or white. For 60 mils Thick, Deduct -0.60 For 125 mils Thick, Add 0.78		
32 17 23 33-0010 EA 6" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....5.32 For Up To 10, Add 0.54 For >50 To 100, Deduct -0.27 For >100 To 200, Deduct -0.36 For >200, Deduct -0.72 For 60 mils Thick, Deduct -0.30 For 125 mils Thick, Add 0.38		
32 17 23 33-0011 EA 12" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....11.61 For Up To 10, Add 0.82 For >50 To 100, Deduct -0.41 For >100 To 200, Deduct -0.55 For >200, Deduct -1.09 For 60 mils Thick, Deduct -1.08 For 125 mils Thick, Add 1.38		
32 17 23 33-0012 EA 24" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....19.85 For Up To 10, Add 1.36 For >50 To 100, Deduct -0.68 For >100 To 200, Deduct -0.91 For >200, Deduct -1.82 For 60 mils Thick, Deduct -1.88 For 125 mils Thick, Add 2.42		
32 17 23 33-0013 EA 36" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....37.17 For Up To 10, Add 2.74 For >50 To 100, Deduct -1.37 For >100 To 200, Deduct -1.83 For >200, Deduct -3.65 For 60 mils Thick, Deduct -3.31 For 125 mils Thick, Add 4.26		
32 17 23 33-0014 EA 48" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....45.02 For Up To 10, Add 3.06 For >50 To 100, Deduct -1.53 For >100 To 200, Deduct -2.04 For >200, Deduct -4.08 For 60 mils Thick, Deduct -4.31 For 125 mils Thick, Add 5.54		
32 17 23 33-0015 EA 72" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....81.28 For Up To 10, Add 5.45 For >50 To 100, Deduct -2.73 For >100 To 200, Deduct -3.63 For >200, Deduct -7.27 For 60 mils Thick, Deduct -7.86 For 125 mils Thick, Add 10.11		
32 17 23 33-0016 EA 96" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....107.93 For Up To 10, Add 7.32 For >50 To 100, Deduct -3.66 For >100 To 200, Deduct -4.88 For >200, Deduct -9.76 For 60 mils Thick, Deduct -10.35 For 125 mils Thick, Add 13.30		
32 17 23 33-0017 EA 120" High, Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....192.43 For Up To 10, Add 9.07 For >50 To 100, Deduct -4.53 For >100 To 200, Deduct -6.05 For >200, Deduct -12.09 For 60 mils Thick, Deduct -23.09 For 125 mils Thick, Add 29.69		
32 17 23 33-0018 SF Letter/Number, 90 Mil Thick, Thermoplastic Reflective Pavement Marking .....9.72 For 60 mils Thick, Deduct -0.75 For 125 mils Thick, Add 0.96		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0019	SY		Cross Hatch, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 27.86 Note: Per SY of area.		
			<i>For 60 mils Thick, Deduct</i>	-1.36	
			<i>For 125 mils Thick, Add</i>	1.75	
32 17 23 33-0020	EA		Handicap Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 251.40		
			<i>For 60 mils Thick, Deduct</i>	-17.14	
			<i>For 125 mils Thick, Add</i>	22.03	
32 17 23 33-0021	EA		Railroad Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 748.24		
			<i>For 60 mils Thick, Deduct</i>	-52.15	
			<i>For 125 mils Thick, Add</i>	67.05	
32 17 23 33-0022	EA		Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 167.01 Note: Approximate overall dimensions: 4' width x 8' height.		
			<i>For 60 mils Thick, Deduct</i>	-23.60	
			<i>For 125 mils Thick, Add</i>	30.34	
32 17 23 33-0023	EA		Diamond Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 120.24		
			<i>For 60 mils Thick, Deduct</i>	-8.20	
			<i>For 125 mils Thick, Add</i>	10.54	
32 17 23 33-0024	SF		Symbols, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 10.93 Note: Handicap, railroad, diamond, arrows, etc.		
			<i>For 60 mils Thick, Deduct</i>	-0.75	
			<i>For 125 mils Thick, Add</i>	0.96	
32 17 23 33-0025	EA		10' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 153.02		
			<i>For 60 mils Thick, Deduct</i>	-10.43	
			<i>For 125 mils Thick, Add</i>	13.41	
32 17 23 33-0026	EA		18' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 273.26		
			<i>For 60 mils Thick, Deduct</i>	-18.63	
			<i>For 125 mils Thick, Add</i>	23.95	
32 17 23 33-0027	EA		24' Arrow, Type I, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 338.84		
			<i>For 60 mils Thick, Deduct</i>	-23.09	
			<i>For 125 mils Thick, Add</i>	29.69	
32 17 23 33-0028	EA		24' Arrow With Single (L or R) Turn Arrow, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 491.86		
			<i>For 60 mils Thick, Deduct</i>	-33.52	
			<i>For 125 mils Thick, Add</i>	43.10	
32 17 23 33-0029	EA		24' Arrow With Both (L and R) Turn Arrows, Type II, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 644.90		
			<i>For 60 mils Thick, Deduct</i>	-43.96	
			<i>For 125 mils Thick, Add</i>	56.52	
32 17 23 33-0030	EA		24' Arrow Single (L or R) Turn Arrow, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 459.07		
			<i>For 60 mils Thick, Deduct</i>	-31.29	
			<i>For 125 mils Thick, Add</i>	40.23	
32 17 23 33-0031	EA		24' Arrow Both (L and R) Turn Arrows, Type III, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 797.92		
			<i>For 60 mils Thick, Deduct</i>	-54.39	
			<i>For 125 mils Thick, Add</i>	69.93	
32 17 23 33-0032	EA		8' Turn Arrow (L or R), Type IV, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 163.96		
			<i>For 60 mils Thick, Deduct</i>	-11.18	
			<i>For 125 mils Thick, Add</i>	14.37	
32 17 23 33-0033	EA		24' Arrow, Type V, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 360.70		
			<i>For 60 mils Thick, Deduct</i>	-24.59	
			<i>For 125 mils Thick, Add</i>	31.61	
32 17 23 33-0034	EA		18' Arrow, Type VI, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 459.07		
			<i>For 60 mils Thick, Deduct</i>	-31.29	
			<i>For 125 mils Thick, Add</i>	40.23	
32 17 23 33-0035	EA		13' Arrow With Single (L or R) Turn Arrow, Type VII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 295.12		
			<i>For 60 mils Thick, Deduct</i>	-20.11	
			<i>For 125 mils Thick, Add</i>	25.86	
32 17 23 33-0036	EA		15' Arrow With Both (L and R) Turn Arrows, Type VIII, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 393.49		
			<i>For 60 mils Thick, Deduct</i>	-26.82	
			<i>For 125 mils Thick, Add</i>	34.48	
32 17 23 33-0037	EA		5' Arrow, Bike Lane, 90 Mil Thick, Thermoplastic Reflective Pavement Marking 76.51		
			<i>For 60 mils Thick, Deduct</i>	-5.22	
			<i>For 125 mils Thick, Add</i>	6.71	
32 17 23 33-0038			Thermoplastic Reflective Pavement Striping By Hand For Repairs <small>(32 17 23 33-0001)</small>		
32 17 23 33-0039	LF		Single 4" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs 2.86		
			<i>For 60 mils Thick, Deduct</i>	-0.20	
			<i>For 125 mils Thick, Add</i>	0.26	
32 17 23 33-0040	LF		Single 6" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs 3.67		
			<i>For 60 mils Thick, Deduct</i>	-0.30	
			<i>For 125 mils Thick, Add</i>	0.39	
32 17 23 33-0041	LF		Single 8" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs 4.56		
			<i>For 60 mils Thick, Deduct</i>	-0.40	
			<i>For 125 mils Thick, Add</i>	0.52	
32 17 23 33-0042	LF		Single 12" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs 6.60		
			<i>For 60 mils Thick, Deduct</i>	-0.61	
			<i>For 125 mils Thick, Add</i>	0.78	
32 17 23 33-0043	LF		Single 24" Wide Solid Line, 90 Mil Thick, Thermoplastic Reflective Pavement Striping By Hand For Repairs 12.02		
			<i>For 60 mils Thick, Deduct</i>	-1.21	
			<i>For 125 mils Thick, Add</i>	1.56	
32 17 23 33-0044			Preformed, Patterned Reflective Pavement Marking Tape <small>(32 17 23 33-0001)</small>		
			Note: Applied with pressure sensitive adhesive. Includes adhesive. 60 mil thickness. (3M Stamark 380 Series).		
32 17 23 33-0045	LF		Single 4" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 3.14		
			Note: Includes yellow or white.		
			<i>For Up To 5,000 LF, Add</i>	0.63	
			<i>For >25,000 LF, Deduct</i>	-0.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0046 LF Single 6" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 4.66 Note: Includes yellow or white. For Up To 5,000 LF, Add 0.93 For >25,000 LF, Deduct -0.70	4.66	
32 17 23 33-0047 LF Single 8" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 6.18 Note: Includes yellow or white. For Up To 5,000 LF, Add 1.24 For >25,000 LF, Deduct -0.93	6.18	
32 17 23 33-0048 LF Single 12" Wide Solid Line, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Striping 9.19 Note: Includes yellow or white. For Up To 5,000 LF, Add 1.84 For >25,000 LF, Deduct -1.38	9.19	
32 17 23 33-0049 SF Solid Area, 60 Mil Thick, Preformed Patterned Thermoplastic Reflective Pavement Marking Tape 24.55 Note: Includes yellow or white.	24.55	
32 17 23 33-0050 EA 6" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 36.61 For <10, Add 0.99 For >50 To 100, Deduct -0.49 For >100 To 200, Deduct -0.66 For >200, Deduct -1.32	36.61	
32 17 23 33-0051 EA 12" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 65.49 For <10, Add 1.25 For >50 To 100, Deduct -0.63 For >100 To 200, Deduct -0.84 For >200, Deduct -1.67	65.49	
32 17 23 33-0052 EA 24" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 111.94 For <10, Add 2.48 For >50 To 100, Deduct -1.24 For >100 To 200, Deduct -1.66 For >200, Deduct -3.31	111.94	
32 17 23 33-0053 EA 36" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 159.21 For <10, Add 4.97 For >50 To 100, Deduct -2.48 For >100 To 200, Deduct -3.31 For >200, Deduct -6.63	159.21	
32 17 23 33-0054 EA 48" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 187.04 For <10, Add 5.57 For >50 To 100, Deduct -2.79 For >100 To 200, Deduct -3.71 For >200, Deduct -7.43	187.04	
32 17 23 33-0055 EA 72" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 234.58 For <10, Add 9.91 For >50 To 100, Deduct -4.96 For >100 To 200, Deduct -6.61 For >200, Deduct -13.22	234.58	
32 17 23 33-0056 EA 96" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 297.92 For <10, Add 13.31 For >50 To 100, Deduct -6.66 For >100 To 200, Deduct -8.88 For >200, Deduct -17.75	297.92	
32 17 23 33-0057 EA 120" High, Preformed Letter/Number, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 373.76 For <10, Add 16.50 For >50 To 100, Deduct -8.25 For >100 To 200, Deduct -11.00 For >200, Deduct -22.00	373.76	
32 17 23 33-0058 SF Preformed Arrow, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 25.19	25.19	
32 17 23 33-0059 SF Preformed Symbol, 60 Mil Thick, Patterned Thermoplastic Reflective Pavement Marking Tape 26.40 Note: Handicap, railroad, diamond symbol, etc.	26.40	
32 17 23 33-0060 Preformed, Thermoplastic Reflective Pavement Marking <small>(32 17 23 33-0001)</small>		
Note: Heat applied. (Flint PreMark or HotTape Series).		
32 17 23 33-0061 EA Preformed Bike Lane Symbol, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 401.76 Note: Approximate overall dimensions: 4' width x 8' height.	401.76	
32 17 23 33-0062 EA Preformed Railroad Crossing Symbol, 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 1,067.15 Note: Approximate overall dimensions: 8' width x 20' height. Excludes transverse lines.	1,067.15	
32 17 23 33-0063 EA Preformed Preferential Lane Symbol (Diamond), 125 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 205.60 Note: Approximate overall dimensions: 3-1/4' width x 13' height.	205.60	
32 17 23 33-0064 EA 6' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 170.52 Note: Approximate overall dimensions: 2' width x 6' height.	170.52	
32 17 23 33-0065 EA 9-1/2' Height, Preformed Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 343.64 Note: Approximate overall dimensions: 3-1/4' width x 9-1/2' height.	343.64	
32 17 23 33-0066 EA 4' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 200.06 Note: Approximate overall dimensions: 3' width x 4' height.	200.06	
32 17 23 33-0067 EA 8' Height, Preformed Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 384.29 Note: Approximate overall dimensions: 6' width x 8' height.	384.29	
32 17 23 33-0068 EA Preformed Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 666.44 Note: Approximate overall dimensions: 7-1/4' width x 12-3/4' height.	666.44	
32 17 23 33-0069 EA Preformed Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 1,011.02 Note: Approximate overall dimensions: 11-1/4' width x 13-1/4' height.	1,011.02	
32 17 23 33-0070 EA Preformed Elongated Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 351.52 Note: Approximate overall dimensions: 1-2/3' width x 12' height.	351.52	
32 17 23 33-0071 EA Preformed Elongated Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 392.17 Note: Approximate overall dimensions: 3' width x 12' height.	392.17	
32 17 23 33-0072 EA Preformed Elongated Dual Turn Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape 736.08 Note: Approximate overall dimensions: 5-1/2' width x 12' height.	736.08	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 17 Paving Specialties**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 17 23 33-0073	EA		Preformed Elongated Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....675.27 Note: Approximate overall dimensions: 3-1/2' width x 20' height.	675.27	
32 17 23 33-0074	EA		Preformed Elongated Dual Turn And Through Lane Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape.....677.69 Note: Approximate overall dimensions: 5-1/2' width x 20' height.	677.69	
32 17 23 33-0075	EA		Preformed Lane-Reduction Arrow, 90 Mil Thick, Thermoplastic Reflective Pavement Marking Tape .....941.34 Note: Approximate overall dimensions: 5-1/2' width x 18' height.	941.34	
32 17 23 33-0076			Thermoplastic Pavement Striping, Letters And Symbols For Parking Areas		
32 17 23 33-0077			Thermoplastic Pavement Marking Symbols For Parking Areas (32 17 23 33-0076) Note: Heat applied. (Flint PreMark Series).		
32 17 23 33-0078	EA		28" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....133.87 Note: White or blue symbol. Excludes striping.	133.87	
32 17 23 33-0079	EA		39" Handicap Symbol For Standard Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....519.69	519.69	
32 17 23 33-0080	EA		40" x 40" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....290.97 Note: White symbol on blue background. Excludes striping.	290.97	
32 17 23 33-0081	EA		45" x 45" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....350.60 Note: White symbol on blue background. Excludes striping.	350.60	
32 17 23 33-0082	EA		48" x 48" Handicap Symbol For Van Parking Stalls, 90 Mil Thick, Thermoplastic Pavement Marking Tape For Parking Areas .....367.62	367.62	
32 17 26			Tactile Warning Surfaces (32 17)		
32 17 26 00-0001			Vitrified Polymer Composite (VPC); (Armor Tile) (32 17 26) Note: Truncated dome, raised strips or directional bars. All colors.		
32 17 26 00-0002	SF		Surface Applied VPC Truncated Dome Detectable Warning Surface .....61.09 Note: Includes adhesive, fasteners and sealant at perimeter. Also raised strips or directional bars. All colors.	61.09	7.33
32 17 26 00-0003	SF		Embedded, VPC Truncated Dome Detectable Warning Surface .....51.57 Note: Also raised strips or directional bars. All colors.	51.57	7.33
32 17 26 00-0004			Fiber-Reinforced, Polymermodified Cement And Coated With Acrylic Resin Emulsion (SatetyStep TD) (32 17 26) Note: Pre-molded tactile dome sheet. All colors.		
32 17 26 00-0005	SF		Up To 15 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) .....70.58 Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	70.58	7.33
32 17 26 00-0006	SF		>15 To 36 SF, Surface Applied Pre-Molded Tactile Warning Mat (SSTD-MAT) .....63.99 Note: Includes surface preparation, SSTD-589 adhesive, SSTD-100 top coat sealer and SSTD-1250 finish . All colors. 2' or 3' width.	63.99	7.33
32 18			Athletic and Recreational Surfacing (32 10)		
32 18 16			Synthetic Resilient Surfacing (32 18)		
32 18 16 13			Playground Protective Surfacing (32 18 16)		
32 18 16 13-0001			Tile Playground Surface Material (32 18 16 13) Note: Black. With or without channel bottom. Includes transition section and curbs. Excludes sub base.		
32 18 16 13-0002	SF		1-3/4" Thick, Resilient Rubber Tile Playground Surfacing .....21.85 For Manufacturer's Standard Colors, Add 1.36 For Interlocking Tiles, Add 3.02 For Mechanically Fastened, Add 1.75 For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add 1.50	21.85	2.26
32 18 16 13-0003	SF		2" Thick, Resilient Rubber Tile Playground Surfacing .....22.27 For Manufacturer's Standard Colors, Add 1.36 For Interlocking Tiles, Add 3.02 For Mechanically Fastened, Add 1.84 For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add 1.50	22.27	2.39
32 18 16 13-0004	SF		2-1/4" Thick, Resilient Rubber Tile Playground Surfacing .....23.12 For Manufacturer's Standard Colors, Add 1.36 For Interlocking Tiles, Add 3.02 For Mechanically Fastened, Add 2.01 For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add 1.50	23.12	2.67
32 18 16 13-0005	SF		2-1/2" Thick, Resilient Rubber Tile Playground Surfacing .....23.97 For Manufacturer's Standard Colors, Add 1.36 For Interlocking Tiles, Add 3.02 For Mechanically Fastened, Add 2.18 For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add 1.50	23.97	2.96
32 18 16 13-0006	SF		2-3/4" Thick, Resilient Rubber Tile Playground Surfacing .....26.75 For Manufacturer's Standard Colors, Add 1.02 For Interlocking Tiles, Add 3.41 For Mechanically Fastened, Add 2.34 For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add 1.50	26.75	3.23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0007 SF 3" Thick, Resilient Rubber Tile Playground Surfacing.....	27.69	3.55
<i>For Manufacturer's Standard Colors, Add</i>	1.02	
<i>For Interlocking Tiles, Add</i>	3.41	
<i>For Mechanically Fastened, Add</i>	2.53	
<i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i>	1.50	
32 18 16 13-0008 SF 3-1/4" Thick, Resilient Rubber Tile Playground Surfacing	28.66	3.87
<i>For Manufacturer's Standard Colors, Add</i>	1.02	
<i>For Interlocking Tiles, Add</i>	3.41	
<i>For Mechanically Fastened, Add</i>	2.72	
<i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i>	1.50	
32 18 16 13-0009 SF 3-1/2" Thick, Resilient Rubber Tile Playground Surfacing	31.52	4.14
<i>For Manufacturer's Standard Colors, Add</i>	0.57	
<i>For Interlocking Tiles, Add</i>	3.80	
<i>For Mechanically Fastened, Add</i>	2.90	
<i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i>	1.50	
32 18 16 13-0010 SF 3-3/4" Thick, Resilient Rubber Tile Playground Surfacing	32.37	4.47
<i>For Manufacturer's Standard Colors, Add</i>	0.57	
<i>For Interlocking Tiles, Add</i>	3.80	
<i>For Mechanically Fastened, Add</i>	3.07	
<i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i>	1.50	
32 18 16 13-0011 SF 4" Thick, Resilient Rubber Tile Playground Surfacing.....	33.30	4.73
<i>For Manufacturer's Standard Colors, Add</i>	0.57	
<i>For Interlocking Tiles, Add</i>	3.80	
<i>For Mechanically Fastened, Add</i>	3.26	
<i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i>	1.50	
32 18 16 13-0012 SF 4-1/2" Thick, Resilient Rubber Tile Playground Surfacing	38.34	5.32
<i>For Manufacturer's Standard Colors, Add</i>	0.56	
<i>For Interlocking Tiles, Add</i>	4.46	
<i>For Mechanically Fastened, Add</i>	3.61	
<i>For Ethylene Propylene Diene Monomer (EPDM) Top Wearing Surface, Add</i>	1.50	
32 18 16 13-0013 Loose Laid Playground Surface Material <small>(32 18 16 13)</small>		
Note: Excludes sub base.		
32 18 16 13-0014 SF 3" Loose Laid Wood Fiber Safety Playground Surfacing	1.89	0.34
32 18 16 13-0015 SF 6" Loose Laid Wood Fiber Safety Playground Surfacing	2.59	0.42
32 18 16 13-0016 SF 9" Loose Laid Wood Fiber Safety Playground Surfacing	3.36	0.51
32 18 16 13-0017 SF 12" Loose Laid Wood Fiber Safety Playground Surfacing	4.73	0.76
32 18 16 13-0018 SF 3" Loose Laid Synthetic Fiber Safety Playground Surfacing.....	3.19	0.34
32 18 16 13-0019 SF 6" Loose Laid Synthetic Fiber Safety Playground Surfacing.....	3.95	0.42
32 18 16 13-0020 SF 9" Loose Laid Synthetic Fiber Safety Playground Surfacing.....	6.33	0.51
32 18 16 13-0021 SF 12" Loose Laid Synthetic Fiber Safety Playground Surfacing.....	7.73	0.76
32 18 16 13-0022 SF 8" FIBAR System Playground Surfacing.....	13.05	1.26
Note: Includes drainage system on 6" centers, felt, edge railing and 8" wood fiber.		
32 18 16 13-0023 SF 12" FIBAR System Playground Surfacing.....	16.46	1.69
Note: Includes drainage system on 6" centers, felt, edge railing and 12" wood fiber.		
32 18 16 13-0024 Poured In Place Playground Surfacing <small>(32 18 16 13)</small>		
Note: Includes SBR base mat, 100% color ethylene propylene diene monomer (EPDM) top surface and 5 year warranty. Includes primer for base mat and top surface. Includes all colors. Excludes base preparation.		
32 18 16 13-0025 SF 1-3/4" Thick, Up To 4' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	17.37	2.57
<i>For Up To 2,000, Add</i>	3.48	
<i>For >2,000 To 3,000, Add</i>	2.45	
<i>For >3,000 To 4,000, Add</i>	1.67	
<i>For >4,000 To 5,000, Add</i>	1.07	
<i>For >5,000 To 7,000, Add</i>	0.44	
<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18	
<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58	
32 18 16 13-0026 SF 2" Thick, 5' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	17.91	2.85
<i>For Up To 2,000, Add</i>	3.58	
<i>For >2,000 To 3,000, Add</i>	2.53	
<i>For >3,000 To 4,000, Add</i>	1.72	
<i>For >4,000 To 5,000, Add</i>	1.10	
<i>For >5,000 To 7,000, Add</i>	0.46	
<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18	
<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58	
32 18 16 13-0027 SF 2-1/2" Thick, 6' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	19.34	3.26
<i>For Up To 2,000, Add</i>	3.87	
<i>For >2,000 To 3,000, Add</i>	2.73	
<i>For >3,000 To 4,000, Add</i>	1.86	
<i>For >4,000 To 5,000, Add</i>	1.19	
<i>For >5,000 To 7,000, Add</i>	0.49	
<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18	
<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58	
32 18 16 13-0028 SF 3" Thick, 7' Critical Fall Height, Poured In Place Rubber Playground Surfacing.....	20.89	3.47
<i>For Up To 2,000, Add</i>	4.18	
<i>For >2,000 To 3,000, Add</i>	2.95	
<i>For >3,000 To 4,000, Add</i>	2.01	
<i>For >4,000 To 5,000, Add</i>	1.28	
<i>For >5,000 To 7,000, Add</i>	0.53	
<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18	
<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58	

32	Exterior Improvements
32 10	Bases, Ballasts, and Paving
32 18	Athletic and Recreational Surfacing

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 16 13-0029	SF	3-1/2" Thick, 8' Critical Fall Height, Poured In Place Rubber Playground Surfacing	22.43	3.65	
		<i>For Up To 2,000, Add</i>	4.49		
		<i>For >2,000 To 3,000, Add</i>	3.17		
		<i>For >3,000 To 4,000, Add</i>	2.16		
		<i>For >4,000 To 5,000, Add</i>	1.38		
		<i>For >5,000 To 7,000, Add</i>	0.57		
		<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18		
		<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58		
32 18 16 13-0030	SF	4" Thick, 9' Critical Fall Height, Poured In Place Rubber Playground Surfacing	23.74	3.86	
		<i>For Up To 2,000, Add</i>	4.75		
		<i>For >2,000 To 3,000, Add</i>	3.35		
		<i>For >3,000 To 4,000, Add</i>	2.28		
		<i>For >4,000 To 5,000, Add</i>	1.46		
		<i>For >5,000 To 7,000, Add</i>	0.61		
		<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18		
		<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58		
32 18 16 13-0031	SF	4-1/2" Thick, 10' Critical Fall Height, Poured In Place Rubber Playground Surfacing	25.29	4.07	
		<i>For Up To 2,000, Add</i>	5.06		
		<i>For >2,000 To 3,000, Add</i>	3.57		
		<i>For >3,000 To 4,000, Add</i>	2.43		
		<i>For >4,000 To 5,000, Add</i>	1.55		
		<i>For >5,000 To 7,000, Add</i>	0.65		
		<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18		
		<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58		
32 18 16 13-0032	SF	5-1/2" Thick, 12' Critical Fall Height, Poured In Place Rubber Playground Surfacing	28.36	4.56	
		<i>For Up To 2,000, Add</i>	5.68		
		<i>For >2,000 To 3,000, Add</i>	4.00		
		<i>For >3,000 To 4,000, Add</i>	2.73		
		<i>For >4,000 To 5,000, Add</i>	1.74		
		<i>For >5,000 To 7,000, Add</i>	0.72		
		<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18		
		<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58		
32 18 16 13-0033	SF	1/2" Top Only, Poured In Place Playground Surfacing	11.35		
		Note: Not used with new surfacing system tasks.			
		<i>For Up To 2,000, Add</i>	3.42		
		<i>For >2,000 To 3,000, Add</i>	2.22		
		<i>For >3,000 To 4,000, Add</i>	1.35		
		<i>For >4,000 To 5,000, Add</i>	0.82		
		<i>For >5,000 To 7,000, Add</i>	0.37		
		<i>For Aliphatic (Non-Yellowing) Binder, Add</i>	4.18		
		<i>For Each 10% Of Area In Black Instead Of Color, Deduct</i>	-0.58		
32 18 16 13-0034	EA	Simple Graphics Including Hopscotch, Four Square Or Geometric Shapes (5 Per 1,000 SF) For Poured In Place Playground Surfacing	2,534.25		
32 18 16 13-0035		Synthetic Playground Turf (Sporturf) <small>(32 18 16 13)</small>			
		Note: Excludes base preparation, aggregate, or drainage.			
32 18 16 13-0036	SF	60 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Sporturf PL929)	10.14		
32 18 16 13-0037	SF	71 OZ/SY Face Weight, Tufted Polyethylene Monofilament Classic Spine/ Texturized Polypropylene Synthetic Turf (Mirage PL906)	8.90		
32 18 16 13-0038	SF	2" Foam Padding (Sporturf)	5.71		
32 18 16 13-0039	CF	Sand/Ruber Infill (Sporturf)	51.11		
32 18 23		Athletic Surfacing <small>(32 18)</small>			
32 18 23 13		Baseball Field Surfacing <small>(32 18 23)</small>			
32 18 23 13-0001		Clay Infield Maintenance <small>(32 18 23 13)</small>			
32 18 23 13-0002	MSF	Playing Field Maintenance (Clay - Nail Drag)	10.94		
32 18 23 13-0003	MSF	Playing Field Maintenance (Clay - Screen Drag)	10.94		
32 18 23 13-0004	CY	Playing Field Maintenance Of Clay	102.09		
32 18 23 13-0005	Ton	Medium Pro Baseball Infield Mix (Diamond Select 60/40 Pro Infield Mix)	175.36		
32 18 23 23		Field Sport Surfacing <small>(32 18 23)</small>			
32 18 23 23-0001		Turf Field Maintenance <small>(32 18 23 23)</small>			
32 18 23 23-0002	ACR	Turf Aeration (Minimum 6" Penetration)	147.31		
32 18 23 23-0003	MSF	Top Dressing 1/8" - 1/4" Sand	14.05		
32 18 23 23-0004	BAG	Envirofill, 50 LB Bag	111.07		
32 18 23 29		Synthetic Field Sport Surfacing <small>(32 18 23)</small>			
32 18 23 29-0001		Synthetic Field Sport Surfacing <small>(32 18 23 29)</small>			
32 18 23 29-0002		Synthetic Turf (AstroTurf) <small>(32 18 23 29-0001)</small>			
		Note: Includes labor, equipment and material required to install the task.			
32 18 23 29-0003		Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT) <small>(32 18 23 29-0002)</small>			
32 18 23 29-0004		38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 38) <small>(32 18 23 29-0003)</small>			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0005 SF 38 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 38).....	7.95	
<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
<i>For Cryo Rubber Infill, Add</i>	0.26	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	
32 18 23 29-0006 EA Football Markings For AstroTurf® GameDay Grass™ MT 38 Fields.....	26,831.41	
32 18 23 29-0007 EA Baseball Markings For AstroTurf® GameDay Grass™ MT 38 Fields.....	21,870.13	
32 18 23 29-0008 EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 38 Fields.....	6,581.29	
Note: Per sport.		
32 18 23 29-0009 EA Endzone Lettering For AstroTurf® GameDay Grass™ MT 38 Fields.....	2,430.01	
Note: Per letter. Excludes outline.		
32 18 23 29-0010 EA Colored Endzone For AstroTurf® GameDay Grass™ MT 38 Fields.....	2,328.76	
Note: Per endzone.		
32 18 23 29-0011 EA Simple Logo For AstroTurf® GameDay Grass™ MT 38 Fields.....	20,250.12	
Note: Block letter.		
32 18 23 29-0012 EA Deluxe Logo For AstroTurf® GameDay Grass™ MT 38 Fields.....	29,362.67	
Note: Graphic.		
32 18 23 29-0013 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 41) (32 18 23 29-0003)		
32 18 23 29-0014 SF 41 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 41).....	9.17	
<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
<i>For Cryo Rubber Infill, Add</i>	0.26	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	
32 18 23 29-0015 EA Football Markings For AstroTurf® GameDay Grass™ MT 41 Fields.....	27,337.83	
32 18 23 29-0016 EA Baseball Markings For AstroTurf® GameDay Grass™ MT 41 Fields.....	22,680.27	
32 18 23 29-0017 EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 41 Fields.....	7,087.58	
Note: Per sport.		
32 18 23 29-0018 EA Endzone Lettering For AstroTurf® GameDay Grass™ MT 41 Fields.....	2,632.53	
Note: Per letter. Excludes outline.		
32 18 23 29-0019 EA Colored Endzone For AstroTurf® GameDay Grass™ MT 41 Fields.....	2,430.03	
Note: Per endzone.		
32 18 23 29-0020 EA Simple Logo For AstroTurf® GameDay Grass™ MT 41 Fields.....	21,262.75	
Note: Block letter.		
32 18 23 29-0021 EA Deluxe Logo For AstroTurf® GameDay Grass™ MT 41 Fields.....	30,830.99	
Note: Graphic.		
32 18 23 29-0022 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ MT 45) (32 18 23 29-0003)		
32 18 23 29-0023 SF 45 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Ambient Rubber Infill (AstroTurf® GameDay Grass™ MT 45).....	9.35	
<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
<i>For Cryo Rubber Infill, Add</i>	0.26	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	
32 18 23 29-0024 EA Football Markings For AstroTurf® GameDay Grass™ MT 45 Fields.....	27,844.08	
32 18 23 29-0025 EA Baseball Markings For AstroTurf® GameDay Grass™ MT 45 Fields.....	24,502.79	
32 18 23 29-0026 EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ MT 45 Fields.....	7,593.84	
Note: Per sport.		
32 18 23 29-0027 EA Endzone Lettering For AstroTurf® GameDay Grass™ MT 45 Fields.....	2,835.03	
Note: Per letter. Excludes outline.		
32 18 23 29-0028 EA Colored Endzone For AstroTurf® GameDay Grass™ MT 45 Fields.....	2,531.28	
Note: Per endzone.		
32 18 23 29-0029 EA Simple Logo For AstroTurf® GameDay Grass™ MT 45 Fields.....	22,275.27	
Note: Block letter.		
32 18 23 29-0030 EA Deluxe Logo For AstroTurf® GameDay Grass™ MT 45 Fields.....	32,299.14	
Note: Graphic.		
32 18 23 29-0031 Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D) (32 18 23 29-0002)		
32 18 23 29-0032 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 52) (32 18 23 29-0031)		
32 18 23 29-0033 SF 52 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 52).....	10.49	
<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
<i>For Cryo Rubber Infill, Add</i>	0.20	
<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0034 EA Football Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields.....	28,856.42	
32 18 23 29-0035 EA Baseball Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields.....	30,780.18	
32 18 23 29-0036 EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 52 Fields.....	8,606.30	
Note: Per sport.		
32 18 23 29-0037 EA Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 52 Fields.....	3,240.02	
Note: Per letter. Excludes outline.		
32 18 23 29-0038 EA Colored Endzone For AstroTurf® GameDay Grass™ 3DX 52 Fields.....	2,733.77	
Note: Per endzone.		

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 18 Athletic and Recreational Surfacing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0039	EA		Simple Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields..... Note: Block letter.	24,300.14	
32 18 23 29-0040	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 52 Fields Note: Graphic.	35,235.21	
32 18 23 29-0041			60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3DX 60) <small>(32 18 23 29-0031)</small>		
32 18 23 29-0042	SF		60 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3DX 60)	10.86	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.20	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0043	EA		Football Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	29,362.67	
32 18 23 29-0044	EA		Baseball Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields	34,222.70	
32 18 23 29-0045	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3DX 60 Fields..... Note: Per sport.	9,112.55	
32 18 23 29-0046	EA		Endzone Lettering For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Per letter. Excludes outline.	3,442.52	
32 18 23 29-0047	EA		Colored Endzone For AstroTurf® GameDay Grass™ 3DX 60 Fields..... Note: Per endzone.	2,835.02	
32 18 23 29-0048	EA		Simple Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields..... Note: Block letter.	25,312.65	
32 18 23 29-0049	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3DX 60 Fields Note: Graphic.	36,703.34	
32 18 23 29-0050			52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 52) <small>(32 18 23 29-0031)</small>		
32 18 23 29-0051	SF		52 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 52)	10.88	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.20	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0052	EA		Football Markings For AstroTurf® GameDay Grass™ 3D 52 Fields.....	29,868.93	
32 18 23 29-0053	EA		Baseball Markings For AstroTurf® GameDay Grass™ 3D 52 Fields.....	34,425.20	
32 18 23 29-0054	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 52 Fields..... Note: Per sport.	9,618.81	
32 18 23 29-0055	EA		Endzone Lettering For AstroTurf® GameDay Grass™ 3D 52 Fields..... Note: Per letter. Excludes outline.	3,645.02	
32 18 23 29-0056	EA		Colored Endzone For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Per endzone.	2,936.27	
32 18 23 29-0057	EA		Simple Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Block letter.	26,325.16	
32 18 23 29-0058	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3D 52 Fields Note: Graphic.	38,171.48	
32 18 23 29-0059			60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ 3D 60) <small>(32 18 23 29-0031)</small>		
32 18 23 29-0060	SF		60 Oz/SY Face Weight, Tufted Monofilament Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ 3D 60)	11.09	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.20	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.25	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.30	
32 18 23 29-0061	EA		Football Markings For AstroTurf® GameDay Grass™ 3D 60 Fields.....	30,375.18	
32 18 23 29-0062	EA		Baseball Markings For AstroTurf® GameDay Grass™ 3D 60 Fields.....	36,652.72	
32 18 23 29-0063	EA		Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ 3D 60 Fields..... Note: Per sport.	10,125.06	
32 18 23 29-0064	EA		Endzone Lettering For AstroTurf® GameDay Grass™ 3D 60 Fields..... Note: Per letter. Excludes outline.	4,050.02	
32 18 23 29-0065	EA		Colored Endzone For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Per endzone.	3,037.52	
32 18 23 29-0066	EA		Simple Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Block letter.	27,337.66	
32 18 23 29-0067	EA		Deluxe Logo For AstroTurf® GameDay Grass™ 3D 60 Fields Note: Graphic.	39,639.61	
32 18 23 29-0068			Tufted Monofilament Polyethylene Synthetic Turf (AstroTurf® GameDay Grass™ XPe) <small>(32 18 23 29-0002)</small>		
32 18 23 29-0069			38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 38) <small>(32 18 23 29-0068)</small>		
32 18 23 29-0070	SF		38 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 38).....	8.79	
			<i>For Ambient Rubber And Sand Infill, Add</i>	0.10	
			<i>For Cryo Rubber Infill, Add</i>	0.26	
			<i>For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add</i>	0.31	
			<i>For Cryo Rubber And Sand Infill, Add</i>	0.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0071 EA Football Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	25,819.06	
32 18 23 29-0072 EA Baseball Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	19,035.23	
32 18 23 29-0073 EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 38 Fields	5,568.82	
Note: Per sport.		
32 18 23 29-0074 EA Endzone Lettering For AstroTurf® GameDay Grass™ XPe 38 Fields.....	2,025.02	
Note: Per letter. Excludes outline.		
32 18 23 29-0075 EA Colored Endzone For AstroTurf® GameDay Grass™ XPe 38 Fields.....	2,126.28	
Note: Per endzone.		
32 18 23 29-0076 EA Simple Logo For AstroTurf® GameDay Grass™ XPe 38 Fields.....	18,225.22	
Note: Block letter.		
32 18 23 29-0077 EA Deluxe Logo For AstroTurf® GameDay Grass™ XPe 38 Fields	26,426.57	
Note: Graphic.		
32 18 23 29-0078 42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone (AstroTurf® GameDay Grass™ XPe 42) (32 18 23 29-0068)		
32 18 23 29-0079 SF 42 Oz/SY Face Weight, Tufted Slit-Film Polyethylene Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® GameDay Grass™ XPe 42)	7.70	
For Ambient Rubber And Sand Infill, Add	0.10	
For Cryo Rubber Infill, Add	0.26	
For Ethylene Propylene Diene Monomer (EPDM) Rubber Infill, Add	0.31	
For Cryo Rubber And Sand Infill, Add	0.36	
32 18 23 29-0080 EA Football Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	26,325.16	
32 18 23 29-0081 EA Baseball Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	20,250.12	
32 18 23 29-0082 EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® GameDay Grass™ XPe 42 Fields	6,075.04	
Note: Per sport.		
32 18 23 29-0083 EA Endzone Lettering For AstroTurf® GameDay Grass™ XPe 42 Fields.....	2,227.51	
Note: Per letter. Excludes outline.		
32 18 23 29-0084 EA Colored Endzone For AstroTurf® GameDay Grass™ XPe 42 Fields.....	2,227.51	
Note: Per endzone.		
32 18 23 29-0085 EA Simple Logo For AstroTurf® GameDay Grass™ XPe 42 Fields.....	19,237.61	
Note: Block letter.		
32 18 23 29-0086 EA Deluxe Logo For AstroTurf® GameDay Grass™ XPe 42 Fields	27,894.54	
Note: Graphic.		
32 18 23 29-0087 Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®) (32 18 23 29-0002)		
32 18 23 29-0088 SF Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Attached Pad (AstroTurf® PureGrass®).....	17.58	
32 18 23 29-0089 SF Tufted Monofilament Nylon Synthetic Turf With Nylon Root Zone And Ambient Rubber Infill (AstroTurf® PureGrass®)	15.72	
32 18 23 29-0090 EA Football Markings For AstroTurf® PureGrass® Fields	49,960.57	
32 18 23 29-0091 EA Baseball Markings For AstroTurf® PureGrass® Fields	59,354.86	
32 18 23 29-0092 EA Soccer, Lacrosse, Softball Or Field Hockey Markings For AstroTurf® PureGrass® Fields	14,518.46	
Note: Per sport.		
32 18 23 29-0093 EA Endzone Lettering For AstroTurf® PureGrass® Fields.....	5,551.17	
Note: Per letter. Excludes outline.		
32 18 23 29-0094 EA Colored Endzone For AstroTurf® PureGrass® Fields	4,120.46	
Note: Per endzone.		
32 18 23 29-0095 EA Simple Logo For AstroTurf® PureGrass® Fields.....	37,084.13	
Note: Block letter.		
32 18 23 29-0096 EA Deluxe Logo For AstroTurf® PureGrass® Fields	54,444.21	
Note: Graphic.		
32 18 23 29-0097 Synthetic Turf (G9 Turf) (32 18 23 29-0001)		
Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0098 SF 2-1/2" Height, 53 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Playmaker Turf)	9.59	
Note: For football and multi-sport fields. Excludes preparation of sub-base, grooming, sports lines and logos.		
For >35,000, Deduct	-0.85	
32 18 23 29-0099 SF 2" Height, 48 Ounce, Tufted 3/8" Gauge Monofilament Synthetic Turf With Thatch Layer And Ethylene Propylene Diene Monomer (EPDM) Infill (G9 Turf Striker Turf).....	9.50	
Note: For all sports other than football. Excludes preparation of sub-base, grooming, sports lines and logos.		
For >35,000, Deduct	-0.85	
32 18 23 29-0100 SF 1-3/4" Height, 72 Ounce, Tufted 3/8" Gauge, Two-Color Monofilament Synthetic Turf With Thatch Layer And Acrylic Coated Sand Infill (G9 Turf Perennial Turf).....	9.94	
Note: For landscaped areas or playgrounds. Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0101 EA Football Inlays For G9 Synthetic Turf	69,085.39	
Note: Includes field grid, numbers, arrows, coach's box and kick off lines.		
32 18 23 29-0102 EA Soccer Inlays For G9 Synthetic Turf	29,937.00	
32 18 23 29-0103 EA Boys Lacrosse Inlays For G9 Synthetic Turf.....	29,937.00	
32 18 23 29-0104 EA Girls Lacrosse Inlays For G9 Synthetic Turf	29,937.00	
32 18 23 29-0105 EA Field Hockey Inlays For G9 Synthetic Turf	29,937.00	
32 18 23 29-0106 EA Endzone Lettering For G9 Synthetic Turf	3,454.27	
Note: Priced per letter. Includes single color outlining.		
32 18 23 29-0107 SF Ethylene Propylene Diene Monomer (EPDM) Black Infill For G9 Synthetic Turf	3.24	
32 18 23 29-0108 SF Ethylene Propylene Diene Monomer (EPDM) Color Infill For G9 Synthetic Turf.....	8.44	
32 18 23 29-0109 SF Styrene-Butadiene Rubber (SBR) Infill For G9 Synthetic Turf	2.41	
32 18 23 29-0110 SF Sand Infill For G9 Synthetic Turf.....	1.22	
32 18 23 29-0111 SF Acrylic Coated Sand Infill For G9 Synthetic Turf.....	2.00	
32 18 23 29-0112 EA Gmax Compaction And Hardness Test For G9 Synthetic Turf	2,302.85	
Note: Includes a comprehensive report.		
32 18 23 29-0113 EA Safety Bridge Over Track For G9 Synthetic Turf	23,028.46	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 18 Athletic and Recreational Surfacing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0114	SF		Clean And Groom Synthetic Turf .....0.76 Note: Includes using equipment to pick up metal particles in the field, air vacuum the top 2-5 mm of infill, clean and screen to remove broken strands, dirt, bandage, etc.		
			<i>For >10,000 To 30,000, Deduct</i>	-0.30	
			<i>For >30,000 To 60,000, Deduct</i>	-0.53	
			<i>For >60,000, Deduct</i>	-0.58	
32 18 23 29-0115	SF		Rejuvenate Synthetic Turf And Reinstall Existing Infill.....5.16 Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes reinstalling the old infill that was removed.		
32 18 23 29-0116	SF		Rejuvenate Synthetic Turf For Installation Of New Infill.....5.74 Note: Includes using equipment to extract 10 to 20 mm of infill by delivering high pressure air into the carpet, decompacting the surface and driving out the infill leaving the fiber standing straight up. Includes disposing of the old infill. Excludes new infill.		
32 18 23 29-0117	SF		Drainage Layer For G9 Synthetic Turf.....4.70 Note: Used for drainage over asphalt or on roof tops.		
32 18 23 29-0118	SF		15 mm, Shock Pad For G9 Synthetic Turf .....2.89 Note: Used for additional Gmax for a stone base field.		
32 18 23 29-0119	EA		Single Visit Repair Call To Repair Up To 300 LF Of Inlay Lines Or Seams On G9 Synthetic Turf .....4,589.40 Note: Includes field inspection and report.		
32 18 23 29-0120	LF		Repair Inlay Lines Or Seams On G9 Synthetic Turf .....12.62 Note: Linear foot price for repairs over the initial repair call maximum of 300 LF.		
32 18 23 29-0121	LF		Nailer Used To Attach G9 Synthetic Turf .....5.05		
32 18 23 29-0122	SF		Removal And Recycling Of Existing Field .....3.56 Note: Includes removal, shipping and recycling of infill, fibers and backing.		
32 18 23 29-0123			Synthetic Turf (FieldTurf) (32 18 23 29-0001) Note: Includes labor, equipment and material required to install the task.		
32 18 23 29-0124	SF		2" Height, Linked Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Prestige XT 50) .....8.04 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0125	SF		2.35" Height, Linked Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Prestige XT 60) .....8.15 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0126	SF		2.5" Height, Linked Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Prestige XT 65) .....8.26 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0127	SF		2" Height, Straight Monofilament Fiber With Wrapping Yarn, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Prestige XM 50) .....8.15 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0128	SF		2.35" Height, Straight Monofilament Fiber With Wrapping Yarn, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Prestige XM 60) .....8.26 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0129	SF		2.5" Height, Straight Monofilament Fiber With Wrapping Yarn, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Prestige XM 65) .....8.36 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0130	SF		2" Height, Split Film Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Classic) .....7.93 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0131	SF		2.5" Height, Split Film Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Classic) .....8.77 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0132	SF		2" Height, Spined Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Duraspine Pro) .....8.34 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0133	SF		2.5" Height, Spined Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Duraspine Pro) .....9.07 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0134	SF		2" Height, Concave And Rigid Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Revolution) .....8.45 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0135	SF		2.5" Height, Concave And Rigid Monofilament Fiber, Polyethylene Synthetic Turf With Rubber/Sand Infill (FieldTurf Revolution) .....9.18 Note: Excludes preparation of sub-base, grooming, sports lines and logos.		
32 18 23 29-0136	EA		Numbers And Arrows Inlays For FieldTurf Synthetic Turf .....15,172.73 Note: Per field.		
32 18 23 29-0137	EA		Media Lines Inlays For FieldTurf Synthetic Turf .....10,115.16 Note: Per field.		
32 18 23 29-0138	EA		Hash Marks Inlays For FieldTurf Synthetic Turf .....15,172.73 Note: Per field.		
32 18 23 29-0139	EA		Rugby Inlays For FieldTurf Synthetic Turf .....15,172.73 Note: Per field.		
32 18 23 29-0140	EA		Soccer Inlays For FieldTurf Synthetic Turf .....12,138.19 Note: Per field.		
32 18 23 29-0141	EA		Field Hockey Inlays For FieldTurf Synthetic Turf .....8,092.12 Note: Per field.		
32 18 23 29-0142	EA		Lacrosse Inlays For FieldTurf Synthetic Turf .....8,092.12 Note: Per field.		
32 18 23 29-0143	EA		Baseball Inlays For FieldTurf Synthetic Turf .....7,080.61 Note: Per field.		
32 18 23 29-0144	EA		Softball Inlays For FieldTurf Synthetic Turf .....5,057.58 Note: Per field.		
32 18 23 29-0145	EA		Gmax Compaction And Hardness Test For FieldTurf Synthetic Turf .....3,034.55 Note: Per test.		
32 18 23 29-0146	YR		8-Year Maintenance Program For FieldTurf Synthetic Turf .....8,092.12 Note: Per year. Includes GroomRight machine.		
32 18 23 29-0147	EA		GroomRight Machine For FieldTurf Synthetic Turf .....10,115.16		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 29-0148 Synthetic Turf (XGrass®) <small>(32 18 23 29-0001)</small>		
<small>Note: Includes labor, equipment and material required to install the task. Excludes site preparation, drainage and removal of foreign debris.</small>		
32 18 23 29-0149 Tufted Polyethylene Synthetic Turf (XGrass® PET) <small>(32 18 23 29-0148)</small>		
32 18 23 29-0150 1-1/8" Pile Height, 70 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With Envirofill® Infill (XGrass® PET) <small>(32 18 23 29-0149)</small>		
32 18 23 29-0151 SF Up To 5,000 SF, 1-1/8" Pile Height, 70 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With Envirofill® Infill (XGrass® PET)	15.70	
<i>For Base And Nailer Board Installation, Add</i>	2.00	
32 18 23 29-0152 SF >5,000 To 10,000 SF, 1-1/8" Pile Height, 70 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With Envirofill® Infill (XGrass® PET)	13.74	
<i>For Base And Nailer Board Installation, Add</i>	2.00	
32 18 23 29-0153 SF >10,000 SF, 1-1/8" Pile Height, 70 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With Envirofill® Infill (XGrass® PET)	12.27	
<i>For Base And Nailer Board Installation, Add</i>	1.25	
32 18 23 29-0154 Tufted Polyethylene Synthetic Turf With Pad (XGrass® Play) <small>(32 18 23 29-0148)</small>		
32 18 23 29-0155 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 1" Pad (6' Fall Height) And Envirofill® Infill (XGrass® Play) <small>(32 18 23 29-0154)</small>		
32 18 23 29-0156 SF Up To 5,000 SF, 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 1" Pad (6' Fall Height) And Envirofill® Infill (XGrass® Play)	15.70	
<i>For Base And Nailer Board Installation, Add</i>	2.00	
32 18 23 29-0157 SF >5,000 To 10,000 SF, 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 1" Pad (6' Fall Height) And Envirofill® Infill (XGrass® Play)	13.74	
<i>For Base And Nailer Board Installation, Add</i>	2.00	
32 18 23 29-0158 SF >10,000 SF, 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 1" Pad (6' Fall Height) And Envirofill® Infill (XGrass® Play)	12.27	
<i>For Base And Nailer Board Installation, Add</i>	1.25	
32 18 23 29-0159 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 2" Pad (9' Fall Height) And Envirofill® Infill (XGrass® Play) <small>(32 18 23 29-0154)</small>		
32 18 23 29-0160 SF Up To 5,000 SF, 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 2" Pad (9' Fall Height) And Envirofill® Infill (XGrass® Play)	16.19	
<i>For Base And Nailer Board Installation, Add</i>	2.00	
32 18 23 29-0161 SF >5,000 To 10,000 SF, 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 2" Pad (9' Fall Height) And Envirofill® Infill (XGrass® Play)	14.23	
<i>For Base And Nailer Board Installation, Add</i>	2.00	
32 18 23 29-0162 SF >10,000 SF, 1-3/4" Pile Height, 50 Oz/SY Face Weight, Tufted Polyethylene Synthetic Turf With 2" Pad (9' Fall Height) And Envirofill® Infill (XGrass® Play)	12.27	
<i>For Base And Nailer Board Installation, Add</i>	1.25	
32 18 23 33 Running Track Surfacing <small>(32 18 23)</small>		
32 18 23 33-0001 Running Track Surfacing <small>(32 18 23 33)</small>		
32 18 23 33-0002 SY 2-1/2" Asphaltic Concrete Running Track Surfacing	29.28	
32 18 23 33-0003 Running Track Seal And Colored Surfaces <small>(32 18 23 33)</small>		
32 18 23 33-0004 SY 1 Seal Coat, Striping Of Track	16.27	
<small>Note: Includes certification.</small>		
32 18 23 39 Synthetic Running Track Surfacing <small>(32 18 23)</small>		
32 18 23 39-0001 Synthetic Running Track Surfacing (XPLODE™) And Striping <small>(32 18 23 39)</small>		
<small>Note: Includes labor, equipment and material required to install the task. Excludes asphalt base.</small>		
32 18 23 39-0002 SY Paved-In-Place Styrene-Butadiene Rubber (SBR) Or Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Synthetic Running Track Surfacing (XPLODE™ M100)	72.20	6.67
<i>For Up To 4,000, Add</i>	25.27	
<i>For >5,500, Deduct</i>	-7.94	
32 18 23 39-0003 SY Paved-In-Place Styrene-Butadiene Rubber (SBR) Granule Base Mat With Polyurethane Binder Finished With A Textured And Pigmented Polyurethane And Ethylene Propylene Diene Monomer (EPDM) Rubber Structural Spray Coat, Synthetic Running Track Surfacing (XPLODE™ MS200)	96.89	6.67
<i>For Up To 4,000, Add</i>	33.91	
<i>For >5,500, Deduct</i>	-10.66	
<i>For Custom Color Upgrade, Add</i>	9.20	
<i>For Aliphatic Top Coating, Add</i>	17.44	
32 18 23 39-0004 SY Paved-In-Place Ethylene Propylene Diene Monomer (EPDM) Rubber Granule Base Mat With Polyurethane Binder, Two-Component Polyurethane Sealer Layer And Two-Component Polyurethane Wearing Layer With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber, Synthetic Running Track Surfacing (XPLODE™ MSX500)	162.84	6.67
<i>For Up To 4,000, Add</i>	56.99	
<i>For >5,500, Deduct</i>	-9.77	
<i>For Custom Color Upgrade, Add</i>	12.54	
<i>For Aliphatic Top Coating, Add</i>	23.29	

32 Exterior Improvements**32 10 Bases, Ballasts, and Paving****32 18 Athletic and Recreational Surfacing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 39-0005	SY		Full Pour Two-Component Polyurethane Track System With Embedded Ethylene Propylene Diene Monomer (EPDM) Rubber Surface, Synthetic Running Track Surfacing (XPLODE™ MSX5000).....	210.34	6.67
			<i>For Up To 4,000, Add</i>	73.62	
			<i>For >5,500, Deduct</i>	-12.62	
			<i>For Custom Color Upgrade, Add</i>	16.41	
			<i>For Aliphatic Top Coating, Add</i>	23.98	
32 18 23 39-0006	SY		Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Lightning)	65.77	
			<i>For Up To 4,000, Add</i>	23.02	
			<i>For >5,500, Deduct</i>	-7.23	
32 18 23 39-0007	SY		Latex Binder, Synthetic Running Track Surfacing (XPLODE™ Plexitrac® Accelerator).....	74.02	
			<i>For Up To 4,000, Add</i>	25.91	
			<i>For >5,500, Deduct</i>	-10.73	
32 18 23 39-0008	SY		Spray Retop XPLODE™ M100/MS200 Running Tracks.....	65.02	
			<i>For Up To 4,000, Add</i>	22.76	
			<i>For >5,500, Deduct</i>	-6.36	
32 18 23 39-0009	SY		Sandwich Retop XPLODE™ MSX500 Running Tracks.....	125.86	
			<i>For Up To 4,000, Add</i>	44.05	
			<i>For >5,500, Deduct</i>	-13.27	
32 18 23 39-0010	SY		Retop XPLODE™ Plexitrac® Lightning Running Tracks	36.60	
			Note: Two layers.		
			<i>For Up To 4,000, Add</i>	12.81	
			<i>For >5,500, Deduct</i>	-6.05	
32 18 23 39-0011	SY		Retop XPLODE™ Plexitrac® Accelerator Running Tracks.....	44.57	
			Note: Two layers.		
			<i>For Up To 4,000, Add</i>	15.60	
			<i>For >5,500, Deduct</i>	-6.05	
32 18 23 39-0012	EA		Restripe XPLODE™ Running Track.....	15,132.56	
			Note: Includes two coats of acrylic resurfacer and two coats of color.		
			<i>For College Track Restriping, Add</i>	2,751.38	
32 18 23 53 Tennis Court Surfacing (32 18 23)					
32 18 23 53-0001			Tennis Court Surfacing (32 18 23 53) See CSI section 32 18 23 61-0000 for 100% acrylic tennis court surfacing.		
32 18 23 53-0002	SY		Tennis Court Bituminous Pavement, 2-1/2" Thick.....	28.47	
32 18 23 53-0003			Tennis Court Markings (32 18 23 53)		
32 18 23 53-0004	EA		Paint Markings On Asphalt Tennis Court 2 Coats.....	452.31	
32 18 23 56 Natural Tennis Court Surfacing (32 18 23)					
32 18 23 56-0001	SY		Clay Tennis Court.....	38.74	
32 18 23 56-0002	SY		Tennis Court, Pulverized Natural Greenstone, Fast Dry.....	43.00	
			Note: Includes 4" base.		
32 18 23 56-0003	SY		Tennis Court, Rubber-Cork Base Resilient Pavement.....	21.52	
32 18 23 56-0004	SY		Resurface Clay Tennis Court.....	11.66	
32 18 23 56-0005	SY		Resurface Tennis Court, Pulverized Natural Greenstone	9.99	
32 18 23 56-0006	SY		Resurface Tennis Court, Resilient Pavement	8.67	
32 18 23 61 Multi-Use, Tennis Court, Basketball Court Athletic Surfacing (32 18 23)					
32 18 23 61-0001			100% Acrylic Athletic Surfacing System (Plexipave®) (32 18 23 61) Note: Excludes asphalt or concrete sub base and repairs of sub base.		
32 18 23 61-0002			Surface Preparation For Athletic Surfacing System (Plexipave®) (32 18 23 61-0001)		
32 18 23 61-0003	SY		100% Acrylic Resurfacer, Athletic Surfacing System (California Products Plexipave® Acrylic Resurfacer), Per Coat.....	1.66	
			Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
32 18 23 61-0004	SY		Acid Etching Concrete Pre-Treatment For Plexipave® Athletic Surfacing System (California Products Plexipave® Concrete Preparer®), Per Coat	0.94	
			Note: For previously uncoated portland cement concrete. Applied with broom.		
32 18 23 61-0005	SY		Two-Part, Water Based Epoxy Primer For Plexipave® Athletic Surfacing System (California Products Plexipave® Ti-Coat®), Per Coat	2.45	
			Note: For new or uncoated portland cement concrete. Applied with a short nap phenolic roller.		
32 18 23 61-0006	SY		Up To 1/2" Thick, Acrylic Latex Patching Compound, Athletic Surfacing System (California Products Plexipave® Court Patch Binder), Per Coat.....	102.58	
			Note: For patching depressions and uneven texture in new or existing asphalt or concrete surfaces. Includes ultra fine silica sand and portland cement. Applied with trowel or metal screed.		
32 18 23 61-0007			Surface Coatings For Athletic Surfacing System (Plexipave®) (32 18 23 61-0001) Note: Standard color includes dark green, Florida green, light green, maroon, Sahara sand, brown, California red, and cape gray.		
32 18 23 61-0008	SY		100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), First Coat.....	3.91	
			Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
			<i>For Pacific Blue, Add</i>	0.24	
			<i>For US Open Blue, Add</i>	0.85	
32 18 23 61-0009	SY		100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Second Coat.....	3.09	
			Note: Includes ultra fine silica sand. Applied with rubber squeegee.		
			<i>For Pacific Blue, Add</i>	0.17	
			<i>For US Open Blue, Add</i>	0.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 18 23 61-0010 SY 100% Acrylic Emulsion Color Coating, Athletic Surfacing System (California Products Fortified Plexipave®), Third Coat.....	2.63	
Note: Price per coat for third or additional coats. Includes ultra fine silica sand. Applied with rubber squeegee.		
For Pacific Blue, Add	0.14	
For US Open Blue, Add	0.47	
32 18 23 61-0011 SY Non-Textured, 100% Acrylic Emulsion Color Coating Finish, Athletic Surfacing System (California Products Plexipave® Plexichrome®), Per Coat.....	2.81	
Note: Non-textured finish coat over Plexipave® for faster playing surfaces. Applied with rubber squeegee followed by wide hair-type push broom.		
For Pacific Blue, Add	0.08	
For US Open Or Australian Open Blue, Add	0.55	
For Pro Purple, Add	1.43	
32 18 23 61-0012 Line Striping For Athletic Surfacing System (Plexipave®) (32 18 23 61-0001)		
32 18 23 61-0013 SY Tennis Or Basketball Court Line Striping For Athletic Surfacing System, Per SY Of Court (California Products Plexipave® Hi-Hide Plexicolor®).....	1.49	
Note: Textured or non-textured highly reflective line marking paint.		
32 18 23 61-0014 Cushion Coatings For Athletic Surfacing System (Plexipave® Plexicushion®) (32 18 23 61-0001)		
32 18 23 61-0015 SY Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), First Coat.....	6.75	
Note: Applied with rubber squeegee.		
32 18 23 61-0016 SY Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Second Coat.....	9.42	
Note: Applied with rubber squeegee.		
32 18 23 61-0017 SY Resilient Latex Undercoating Base Coat, Athletic Surfacing System (California Products Plexipave® Plexicushion® Base Coat), Third Coat.....	8.02	
Note: Price per coat for third or additional coats. Applied with rubber squeegee.		
32 18 23 61-0018 SY Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), First Coat.....	5.87	
Note: Applied with rubber squeegee.		
32 18 23 61-0019 SY Resilient Latex Undercoating, Athletic Surfacing System (California Products Plexipave® Plexicushion®), Second Coat.....	4.34	
Note: Price per coat for second or additional coats. Applied with rubber squeegee.		
32 18 23 61-0020 Resurface Athletic Court (32 18 23 61)		
Note: Excludes asphalt or concrete sub base and repairs of sub base.		
32 18 23 61-0021 SY Court Resurfacing System, 2 Coats Resurfacer, 2 Coats Color, And Sand (SealMaster).....	2.56	
32 30 Site Improvements (32)		
32 31 Fences and Gates (32 30)		
32 31 11 Gate Operators (32 31)		
32 31 11 00-0001 Gate Operators (32 31 11)		
Note: Excludes gates, electrical connections, access controls and concrete foundation.		
32 31 11 00-0002 Gate Operators (DKS™ DoorKing®) (32 31 11 00-0001)		
32 31 11 00-0003 Swing Gate Actuator (DKS™ DoorKing®) (32 31 11 00-0002)		
32 31 11 00-0004 Single Gate, Swing Gate Actuator (32 31 11 00-0003)		
32 31 11 00-0005 EA Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6003).....	1,956.46	205.49
Note: Includes one primary operator with a 10' wide gate capacity.		
32 31 11 00-0006 EA Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Actuator (DKS™ DoorKing® 6002).....	2,626.17	205.49
Note: Includes one primary operator with a 14' wide gate capacity.		
32 31 11 00-0007 Dual Gate, Swing Gate Actuator (32 31 11 00-0003)		
32 31 11 00-0008 EA Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6003).....	3,912.93	410.98
Note: Includes one primary and one secondary operator each with a 10' wide gate capacity.		
32 31 11 00-0009 EA Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Actuator (DKS™ DoorKing® 6002).....	5,252.35	410.98
Note: Includes one primary and one secondary operator each with a 14' wide gate capacity.		
32 31 11 00-0010 Swing Gate Operators (DKS™ DoorKing®) (32 31 11 00-0002)		
32 31 11 00-0011 Single Gate, Swing Gate Operators (32 31 11 00-0010)		
32 31 11 00-0012 EA 400 LB Capacity, Up To 10' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6050).....	4,051.44	205.49
Note: Includes one primary operator with a 10' wide and 400 LB gate capacity.		
32 31 11 00-0013 EA 500 LB Capacity, Up To 14' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6100).....	4,412.06	205.49
Note: Includes one primary operator with a 14' wide and 500 LB gate capacity.		
32 31 11 00-0014 EA 700 LB Capacity, Up To 18' Wide Gate, 1/2 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500).....	6,009.05	205.49
Note: Includes one primary operator with an 18' wide and 700 LB gate capacity.		
For 208/230/460 Volt AC, Add	322.50	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 11 00-0015	EA		800 LB Capacity, Up To 22' Wide Gate, 1 HP Motor, 115 Volt AC, Single Gate, Swing Gate Operator (DKS™ DoorKing® 6500)..... Note: Includes one primary operator with a 22' wide and 800 LB gate capacity. <i>For 208/230/460 Volt AC, Add</i>	6,816.14 322.50	205.49
32 31 11 00-0016			Dual Gate, Swing Gate Operators <small>(32 31 11 00-0010)</small>		
32 31 11 00-0017	EA		400 LB Capacity, Up To 10' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6050)..... Note: Includes one primary and one secondary operator each with a 10' wide and 400 LB gate capacity.	7,158.44	410.98
32 31 11 00-0018	EA		500 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6100)..... Note: Includes one primary and one secondary operator each with a 14' wide and 500 LB gate capacity.	7,879.66	410.98
32 31 11 00-0019	EA		700 LB Capacity, Up To 14' Wide Gates, 1/2 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)..... Note: Includes one primary and one secondary operator each with an 18' wide and 700 LB gate capacity. <i>For 208/230/460 Volt AC, Add</i>	11,056.48 322.50	410.98
32 31 11 00-0020	EA		800 LB Capacity, Up To 22' Wide Gates, 1 HP Motor, 115 Volt AC, Dual Gate, Swing Gate Operator (DKS™ DoorKing® 6500)..... Note: Includes one primary and one secondary operator each with a 22' wide and 800 LB gate capacity. <i>For 208/230/460 Volt AC, Add</i>	12,825.20 322.50	410.98
32 31 11 00-0021			Sliding Gate Operators (DKS™ DoorKing®) <small>(32 31 11 00-0002)</small> Note: Includes 20' of chain. See CSI section 32 31 11 00-0030 for additional chain over 20'.		
32 31 11 00-0022	EA		300 LB Capacity, Up To 16' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9050)..... Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,120.59	205.49
32 31 11 00-0023	EA		1,000 LB Capacity, Up To 30' Wide Gate, 1/2 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9100)..... Note: Includes operator, chain brackets, hardware and 20' of #41 chain.	2,979.88	246.59
32 31 11 00-0024	EA		1,500 LB Capacity, Up To 45' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9150)..... Note: Includes operator, chain brackets, hardware and 20' of #40 chain.	3,705.17	246.59
32 31 11 00-0025	EA		3,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 115 Volt AC, Sliding Gate Operator (DKS™ DoorKing® 9210)..... Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	4,849.39	287.69
32 31 11 00-0026	EA		2,000 LB Capacity, Up To 100' Wide Gate, 1 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9220)..... Note: Includes operator, chain brackets, hardware and 20' of #50 chain.	5,968.40	287.69
32 31 11 00-0027	EA		5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, Variable Speed, Sliding Gate Operator (DKS™ DoorKing® 9230)..... Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	8,164.30	328.79
32 31 11 00-0028	EA		5,000 LB Capacity, Up To 100' Wide Gate, 3 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9530)..... Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	13,712.75	328.79
32 31 11 00-0029	EA		10,000 LB Capacity, Up To 160' Wide Gate, 5 HP Motor, 208/230 Volt AC, High Speed, Sliding Gate Operator (DKS™ DoorKing® 9550)..... Note: Includes operator, chain brackets, hardware and 20' of #60 chain.	23,306.57	369.89
32 31 11 00-0030			Accessories For Gate Actuators And Operators (DKS™ DoorKing®) <small>(32 31 11 00-0002)</small>		
32 31 11 00-0031	EA		Single Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9410).....	630.27	
32 31 11 00-0032	EA		Two Channel Detector Loop For Gate Actuators And Operators (DKS™ DoorKing® 9409).....	1,224.47	
32 31 11 00-0033	EA		Heater Kit For Gate Actuators And Operators (DKS™ DoorKing® 1601).....	851.27	
32 31 11 00-0034	EA		Photoelectric Eye For Gate Actuators And Operators (DKS™ DoorKing® 8080-031).....	916.30	
32 31 11 00-0035	EA		Reversing Edge Sensor For Gate Actuators And Operators (DKS™ DoorKing® 8080-020).....	813.27	
32 31 11 00-0036	EA		Post Mount Base Plate For Gate Actuators And Operators (DKS™ DoorKing® 9310).....	564.27	
32 31 11 00-0037	LF		#40 Chain For Sliding Gate Operators.....	6.76	
32 31 11 00-0038	LF		#41 Chain For Sliding Gate Operators.....	7.07	
32 31 11 00-0039	LF		#50 Chain For Sliding Gate Operators.....	9.08	
32 31 11 00-0040	LF		#60 Chain For Sliding Gate Operators.....	14.06	
32 31 11 00-0041	EA		Exterior Keypad Gate Operator (Linear AK-11).....	686.06	136.03
32 31 11 00-0042			Sliding Gate Operator (LiftMaster) <small>(32 31 11 00-0001)</small>		
32 31 11 00-0043	EA		Up To 1,500 LB Capacity, 120/230 Volt, Single Phase, Sliding Gate Operator With 24 Volt DC Motor (Liftmaster® CSL24U)..... Note: Includes 30' Chain, Retro-Reflective Photoelectric Sensor and Reflector Hoods (LMRRUL) and 5' Resistive Safety Edge (S505AL). <i>For Monitored Wireless Edge Receiver And Transmitter Option (Liftmaster LMWEKITU), Add</i> <i>For Plug-In Loop Detector Option (Liftmaster LOOPDETLM), Add</i> <i>For LED Strobe Light With Siren (Liftmaster SL-1301-SAQ), Add</i> <i>For 10 Watt Solar Panel (Liftmaster SP10W12V), Add</i> <i>For Each Additional 10' Chain, Add</i>	2,813.90 191.03 136.74 67.34 270.67 40.54	252.54
32 31 13 Chain Link Fences and Gates <small>(32 31)</small>					
32 31 13 13 Chain Link Fences and Gates <small>(32 31 13)</small>					
32 31 13 13-0001 Post Holes <small>(32 31 13 13)</small>			Note: Excludes spreading of excess material on site or loading and removal of excavated material from site. See CSI section 02 41 19 13-0025 for core drilling in concrete, 02 41 19 13-0163 for core drilling in asphalt.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0002 Auger By Machine Fence Post Hole In Soil (32 31 13 13-0001)		
32 31 13 13-0003 VLF Up To 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil	9.29	
32 31 13 13-0004 VLF 2-1/2" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	10.46	
32 31 13 13-0005 VLF 3" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	12.39	
32 31 13 13-0006 VLF 4" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	13.93	
32 31 13 13-0007 VLF 6" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	15.20	
32 31 13 13-0008 VLF 8" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	16.72	
32 31 13 13-0009 VLF 10" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	18.58	
32 31 13 13-0010 VLF 12" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	20.90	
32 31 13 13-0011 VLF 18" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	23.89	
32 31 13 13-0012 VLF 24" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	27.87	
32 31 13 13-0013 VLF 30" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	33.44	
32 31 13 13-0014 VLF 36" Diameter Hole, Auger By Machine Fence Post Hole In Soil.....	41.80	
32 31 13 13-0015 Post Hole In Rock (32 31 13 13-0001)		
32 31 13 13-0016 CF Jackhammer Post Hole In Rock.....	69.20	
32 31 13 13-0017 CF Rock Drill Post Hole In Rock.....	19.84	
32 31 13 13-0018 Fill For Post Holes (32 31 13 13-0001)		
32 31 13 13-0019 Concrete Fill For Post Holes (32 31 13 13-0018)		
32 31 13 13-0020 VLF Up To 2-1/2" Diameter, Concrete Fill For Post Hole	5.33	
32 31 13 13-0021 VLF 2-1/2" Diameter, Concrete Fill For Post Hole.....	6.86	
32 31 13 13-0022 VLF 3" Diameter, Concrete Fill For Post Hole.....	7.53	
32 31 13 13-0023 VLF 4" Diameter, Concrete Fill For Post Hole.....	8.63	
32 31 13 13-0024 VLF 6" Diameter, Concrete Fill For Post Hole.....	12.14	
32 31 13 13-0025 VLF 8" Diameter, Concrete Fill For Post Hole.....	16.21	
32 31 13 13-0026 VLF 10" Diameter, Concrete Fill For Post Hole.....	19.82	
32 31 13 13-0027 VLF 12" Diameter, Concrete Fill For Post Hole.....	23.09	
32 31 13 13-0028 VLF 18" Diameter, Concrete Fill For Post Hole.....	31.36	
32 31 13 13-0029 VLF 24" Diameter, Concrete Fill For Post Hole.....	38.83	
32 31 13 13-0030 VLF 30" Diameter, Concrete Fill For Post Hole.....	46.08	
32 31 13 13-0031 VLF 36" Diameter, Concrete Fill For Post Hole.....	53.62	
32 31 13 13-0032 Grout Fill For Post Holes (32 31 13 13-0018)		
32 31 13 13-0033 VLF Up To 2-1/2" Diameter, Grout Fill For Post Hole.....	6.35	
32 31 13 13-0034 VLF 2-1/2" Diameter, Grout Fill For Post Hole.....	8.17	
32 31 13 13-0035 VLF 3" Diameter, Grout Fill For Post Hole.....	8.89	
32 31 13 13-0036 VLF 4" Diameter, Grout Fill For Post Hole.....	9.96	
32 31 13 13-0037 VLF 6" Diameter, Grout Fill For Post Hole.....	13.90	
32 31 13 13-0038 VLF 8" Diameter, Grout Fill For Post Hole.....	18.54	
32 31 13 13-0039 VLF 10" Diameter, Grout Fill For Post Hole.....	22.59	
32 31 13 13-0040 VLF 12" Diameter, Grout Fill For Post Hole.....	26.20	
32 31 13 13-0041 VLF 18" Diameter, Grout Fill For Post Hole.....	34.93	
32 31 13 13-0042 VLF 24" Diameter, Grout Fill For Post Hole.....	42.58	
32 31 13 13-0043 VLF 30" Diameter, Grout Fill For Post Hole.....	49.97	
32 31 13 13-0044 VLF 36" Diameter, Grout Fill For Post Hole.....	57.53	
32 31 13 13-0045 Compacted Earth Fill For Post Holes (32 31 13 13-0018)		
32 31 13 13-0046 VLF Up To 2-1/2" Diameter, Compacted Earth Fill For Post Hole.....	4.57	
32 31 13 13-0047 VLF 2-1/2" Diameter, Compacted Earth Fill For Post Hole.....	5.95	
32 31 13 13-0048 VLF 3" Diameter, Compacted Earth Fill For Post Hole.....	6.22	
32 31 13 13-0049 VLF 4" Diameter, Compacted Earth Fill For Post Hole.....	6.40	
32 31 13 13-0050 VLF 6" Diameter, Compacted Earth Fill For Post Hole.....	8.56	
32 31 13 13-0051 VLF 8" Diameter, Compacted Earth Fill For Post Hole.....	11.41	
32 31 13 13-0052 VLF 10" Diameter, Compacted Earth Fill For Post Hole.....	13.70	
32 31 13 13-0053 VLF 12" Diameter, Compacted Earth Fill For Post Hole.....	15.53	
32 31 13 13-0054 VLF 18" Diameter, Compacted Earth Fill For Post Hole.....	18.92	
32 31 13 13-0055 VLF 24" Diameter, Compacted Earth Fill For Post Hole.....	21.24	
32 31 13 13-0056 VLF 30" Diameter, Compacted Earth Fill For Post Hole.....	23.29	
32 31 13 13-0057 VLF 36" Diameter, Compacted Earth Fill For Post Hole.....	25.11	
32 31 13 13-0058 Fence Posts (32 31 13 13)		
Note: Demolition excludes concrete footing removal on posts and excavation. See CSI section 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0059 Fence Posts (32 31 13 13-0058)		
32 31 13 13-0060 1-7/8" H-Beam Post Without Top Rail Fitting, Galvanized Steel (32 31 13 13-0059)		
Note: Includes cap and accessories.		
32 31 13 13-0061 LF 1-7/8" Galvanized H-beam Post, Up To 6' In Length	20.51	3.10
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0062 LF 1-7/8" Galvanized H-beam Post, 7' To 10' In Length	19.63	2.64
For Each Top Rail Fitting, Add	0.85	
32 31 13 13-0063 LF 1-7/8" Galvanized H-beam Post, 11' To 15' In Length.....	18.56	2.18
For Each Top Rail Fitting, Add	0.85	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0064	LF	1-7/8" Galvanized H-beam Post, 16' To 20' In Length	17.69	1.72
			<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13	13-0065	LF	1-7/8" Galvanized H-beam Post, 21' To 24' In Length	17.11	1.49
			<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13	13-0066	LF	1-7/8" Galvanized H-beam Post, >24' In Length	16.22	1.03
			<i>For Each Top Rail Fitting, Add</i>	0.85	
32 31 13	13-0067		Post Without Top Rail Fitting, Galvanized Steel (1.66" Nominal) <small>(32 31 13 13-0059)</small>		
			Note: 1-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13	13-0068	LF	Up To 6' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	13.92	2.86
			<i>For Each Top Rail Fitting, Add</i>	0.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
			<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.05	
			<i>For Vinyl Coated, Add</i>	4.91	
			<i>For Powder Coated, Add</i>	6.54	
			<i>For Aluminum Coated, Add</i>	10.23	
			<i>For Schedule 20, Deduct</i>	-1.64	
			<i>For Schedule 80, Add</i>	4.50	
32 31 13	13-0069	LF	7' To 10' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	12.95	2.41
			<i>For Each Top Rail Fitting, Add</i>	0.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
			<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.03	
			<i>For Vinyl Coated, Add</i>	4.86	
			<i>For Powder Coated, Add</i>	6.48	
			<i>For Aluminum Coated, Add</i>	10.13	
			<i>For Schedule 20, Deduct</i>	-1.62	
			<i>For Schedule 80, Add</i>	4.37	
32 31 13	13-0070	LF	11' To 15' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.92	1.95
			<i>For Each Top Rail Fitting, Add</i>	0.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
			<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.02	
			<i>For Vinyl Coated, Add</i>	4.84	
			<i>For Powder Coated, Add</i>	6.45	
			<i>For Aluminum Coated, Add</i>	10.08	
			<i>For Schedule 20, Deduct</i>	-1.61	
			<i>For Schedule 80, Add</i>	4.25	
32 31 13	13-0071	LF	16' To 20' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	11.14	1.49
			<i>For Each Top Rail Fitting, Add</i>	0.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
			<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.01	
			<i>For Vinyl Coated, Add</i>	4.82	
			<i>For Powder Coated, Add</i>	6.43	
			<i>For Aluminum Coated, Add</i>	10.05	
			<i>For Schedule 20, Deduct</i>	-1.61	
			<i>For Schedule 80, Add</i>	4.17	
32 31 13	13-0072	LF	21' To 24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.62	1.27
			<i>For Each Top Rail Fitting, Add</i>	0.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
			<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.01	
			<i>For Vinyl Coated, Add</i>	4.82	
			<i>For Powder Coated, Add</i>	6.42	
			<i>For Aluminum Coated, Add</i>	10.04	
			<i>For Schedule 20, Deduct</i>	-1.61	
			<i>For Schedule 80, Add</i>	4.11	
32 31 13	13-0073	LF	>24' In Length, 1-5/8" Outside Diameter Galvanized Steel Post	10.05	1.03
			<i>For Each Top Rail Fitting, Add</i>	0.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	1.90	
			<i>For Each Double Barbed Wire Arm, Add</i>	3.40	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.01	
			<i>For Vinyl Coated, Add</i>	4.82	
			<i>For Powder Coated, Add</i>	6.42	
			<i>For Aluminum Coated, Add</i>	10.04	
			<i>For Schedule 20, Deduct</i>	-1.61	
			<i>For Schedule 80, Add</i>	4.06	
32 31 13	13-0074		Post Without Top Rail Fitting, Galvanized Steel (1.90" Nominal) <small>(32 31 13 13-0059)</small>		
			Note: 2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13	13-0075	LF	2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	15.95	2.99
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	2.50	
			<i>For Vinyl Coated, Add</i>	6.01	
			<i>For Powder Coated, Add</i>	8.01	
			<i>For Aluminum Coated, Add</i>	12.51	
			<i>For Schedule 20, Deduct</i>	-2.00	
			<i>For Schedule 80, Add</i>	5.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0076 LF 2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	15.04	2.52
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.48	
For Vinyl Coated, Add	5.94	
For Powder Coated, Add	7.92	
For Aluminum Coated, Add	12.38	
For Schedule 20, Deduct	-1.98	
For Schedule 80, Add	5.27	
32 31 13 13-0077 LF 2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	13.95	2.06
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.46	
For Vinyl Coated, Add	5.91	
For Powder Coated, Add	7.88	
For Aluminum Coated, Add	12.31	
For Schedule 20, Deduct	-1.97	
For Schedule 80, Add	5.14	
32 31 13 13-0078 LF 2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	13.10	1.61
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.46	
For Vinyl Coated, Add	5.89	
For Powder Coated, Add	7.86	
For Aluminum Coated, Add	12.28	
For Schedule 20, Deduct	-1.96	
For Schedule 80, Add	5.04	
32 31 13 13-0079 LF 2" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	12.54	1.38
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.45	
For Vinyl Coated, Add	5.89	
For Powder Coated, Add	7.85	
For Aluminum Coated, Add	12.26	
For Schedule 20, Deduct	-1.96	
For Schedule 80, Add	4.98	
32 31 13 13-0080 LF 2" Outside Diameter Galvanized Steel Post, >24' In Length.....	12.03	1.14
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	2.45	
For Vinyl Coated, Add	5.89	
For Powder Coated, Add	7.85	
For Aluminum Coated, Add	12.26	
For Schedule 20, Deduct	-1.96	
For Schedule 80, Add	4.93	
32 31 13 13-0081 Post Without Top Rail Fitting, Galvanized Steel (2.375" Nominal) <small>(32 31 13 13-0059)</small>		
Note: 2-1/2" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13 13-0082 LF 2-1/2" Outside Diameter Galvanized Steel Post, Up To 6' In Length	19.50	3.21
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	3.31	
For Vinyl Coated, Add	7.94	
For Powder Coated, Add	10.59	
For Aluminum Coated, Add	16.55	
For Schedule 20, Deduct	-2.65	
For Schedule 80, Add	6.98	
32 31 13 13-0083 LF 2-1/2" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	18.51	2.75
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	3.28	
For Vinyl Coated, Add	7.88	
For Powder Coated, Add	10.50	
For Aluminum Coated, Add	16.41	
For Schedule 20, Deduct	-2.63	
For Schedule 80, Add	6.84	
32 31 13 13-0084 LF 2-1/2" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	17.38	2.18
For Each Top Rail Fitting, Add	1.35	
For Each Single Barbed Wire Arm, Add	2.65	
For Each Double Barbed Wire Arm, Add	4.88	
For SS40 (Hot-Dip Galvanized And Chromated), Add	3.27	
For Vinyl Coated, Add	7.84	
For Powder Coated, Add	10.46	
For Aluminum Coated, Add	16.34	
For Schedule 20, Deduct	-2.61	
For Schedule 80, Add	6.70	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0085	LF	2-1/2" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	16.48	1.72
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.26	
			<i>For Vinyl Coated, Add</i>	7.82	
			<i>For Powder Coated, Add</i>	10.43	
			<i>For Aluminum Coated, Add</i>	16.30	
			<i>For Schedule 20, Deduct</i>	-2.61	
			<i>For Schedule 80, Add</i>	6.60	
32 31 13	13-0086	LF	2-1/2" Outside Diameter Galvanized Steel Post, 21 To 24' In Length.....	15.88	1.49
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.26	
			<i>For Vinyl Coated, Add</i>	7.81	
			<i>For Powder Coated, Add</i>	10.42	
			<i>For Aluminum Coated, Add</i>	16.28	
			<i>For Schedule 20, Deduct</i>	-2.60	
			<i>For Schedule 80, Add</i>	6.54	
32 31 13	13-0087	LF	2-1/2" Outside Diameter Galvanized Steel Post, >24' In Length.....	15.35	1.14
			<i>For Each Top Rail Fitting, Add</i>	1.35	
			<i>For Each Single Barbed Wire Arm, Add</i>	2.65	
			<i>For Each Double Barbed Wire Arm, Add</i>	4.88	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	3.26	
			<i>For Vinyl Coated, Add</i>	7.81	
			<i>For Powder Coated, Add</i>	10.42	
			<i>For Aluminum Coated, Add</i>	16.28	
			<i>For Schedule 20, Deduct</i>	-2.60	
			<i>For Schedule 80, Add</i>	6.48	
32 31 13	13-0088		Post Without Top Rail Fitting, Galvanized Steel (2.875" Nominal) <small>(32 31 13 13-0059)</small>		
			Note: 3" outside diameter, Schedule 40. Includes cap and accessories.		
32 31 13	13-0089	LF	3" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	26.85	3.44
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.99	
			<i>For Vinyl Coated, Add</i>	11.98	
			<i>For Powder Coated, Add</i>	15.98	
			<i>For Aluminum Coated, Add</i>	24.96	
			<i>For Schedule 20, Deduct</i>	-3.99	
			<i>For Schedule 80, Add</i>	10.27	
32 31 13	13-0090	LF	3" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	25.67	2.99
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.93	
			<i>For Vinyl Coated, Add</i>	11.84	
			<i>For Powder Coated, Add</i>	15.78	
			<i>For Aluminum Coated, Add</i>	24.66	
			<i>For Schedule 20, Deduct</i>	-3.95	
			<i>For Schedule 80, Add</i>	10.06	
32 31 13	13-0091	LF	3" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	24.38	2.41
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.90	
			<i>For Vinyl Coated, Add</i>	11.76	
			<i>For Powder Coated, Add</i>	15.68	
			<i>For Aluminum Coated, Add</i>	24.50	
			<i>For Schedule 20, Deduct</i>	-3.92	
			<i>For Schedule 80, Add</i>	9.89	
32 31 13	13-0092	LF	3" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	23.37	1.95
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.89	
			<i>For Vinyl Coated, Add</i>	11.72	
			<i>For Powder Coated, Add</i>	15.63	
			<i>For Aluminum Coated, Add</i>	24.43	
			<i>For Schedule 20, Deduct</i>	-3.91	
			<i>For Schedule 80, Add</i>	9.76	
32 31 13	13-0093	LF	3" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	22.70	1.61
			<i>For Each Top Rail Fitting, Add</i>	1.85	
			<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
			<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
			<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.88	
			<i>For Vinyl Coated, Add</i>	11.71	
			<i>For Powder Coated, Add</i>	15.61	
			<i>For Aluminum Coated, Add</i>	24.39	
			<i>For Schedule 20, Deduct</i>	-3.90	
			<i>For Schedule 80, Add</i>	9.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0094 LF 3" Outside Diameter Galvanized Steel Post, >24' In Length.....	22.09	1.27
<i>For Each Top Rail Fitting, Add</i>	1.85	
<i>For Each Single Barbed Wire Arm, Add</i>	3.85	
<i>For Each Double Barbed Wire Arm, Add</i>	7.05	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	4.88	
<i>For Vinyl Coated, Add</i>	11.70	
<i>For Powder Coated, Add</i>	15.60	
<i>For Aluminum Coated, Add</i>	24.38	
<i>For Schedule 20, Deduct</i>	-3.90	
<i>For Schedule 80, Add</i>	9.62	
32 31 13 13-0095 Post Without Top Rail Fitting, Galvanized Steel, (4.00" Nominal) <small>(32 31 13 13-0059)</small>		
<small>Note: 4" outside diameter, Schedule 40. Includes cap and accessories.</small>		
32 31 13 13-0096 LF 4" Outside Diameter Galvanized Steel Post, Up To 6' In Length	39.82	3.67
<i>For Each Top Rail Fitting, Add</i>	2.60	
<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	8.14	
<i>For Vinyl Coated, Add</i>	19.54	
<i>For Powder Coated, Add</i>	26.06	
<i>For Aluminum Coated, Add</i>	40.71	
<i>For Schedule 20, Deduct</i>	-6.51	
<i>For Schedule 80, Add</i>	16.36	
32 31 13 13-0097 LF 4" Outside Diameter Galvanized Steel Post, 7' To 10' In Length	38.16	2.99
<i>For Each Top Rail Fitting, Add</i>	2.60	
<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	8.03	
<i>For Vinyl Coated, Add</i>	19.27	
<i>For Powder Coated, Add</i>	25.70	
<i>For Aluminum Coated, Add</i>	40.15	
<i>For Schedule 20, Deduct</i>	-6.42	
<i>For Schedule 80, Add</i>	16.02	
32 31 13 13-0098 LF 4" Outside Diameter Galvanized Steel Post, 11' To 15' In Length	36.93	2.52
<i>For Each Top Rail Fitting, Add</i>	2.60	
<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.98	
<i>For Vinyl Coated, Add</i>	19.14	
<i>For Powder Coated, Add</i>	25.52	
<i>For Aluminum Coated, Add</i>	39.88	
<i>For Schedule 20, Deduct</i>	-6.38	
<i>For Schedule 80, Add</i>	15.82	
32 31 13 13-0099 LF 4" Outside Diameter Galvanized Steel Post, 16' To 20' In Length	35.82	2.06
<i>For Each Top Rail Fitting, Add</i>	2.60	
<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.95	
<i>For Vinyl Coated, Add</i>	19.07	
<i>For Powder Coated, Add</i>	25.43	
<i>For Aluminum Coated, Add</i>	39.74	
<i>For Schedule 20, Deduct</i>	-6.36	
<i>For Schedule 80, Add</i>	15.66	
32 31 13 13-0100 LF 4" Outside Diameter Galvanized Steel Post, 21' To 24' In Length	35.76	2.06
<i>For Each Top Rail Fitting, Add</i>	2.60	
<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.93	
<i>For Vinyl Coated, Add</i>	19.04	
<i>For Powder Coated, Add</i>	25.38	
<i>For Aluminum Coated, Add</i>	39.66	
<i>For Schedule 20, Deduct</i>	-6.35	
<i>For Schedule 80, Add</i>	15.63	
32 31 13 13-0101 LF 4" Outside Diameter Galvanized Steel Post, >24' In Length.....	34.58	1.49
<i>For Each Top Rail Fitting, Add</i>	2.60	
<i>For Each Single Barbed Wire Arm, Add</i>	5.10	
<i>For Each Double Barbed Wire Arm, Add</i>	11.25	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	7.93	
<i>For Vinyl Coated, Add</i>	19.03	
<i>For Powder Coated, Add</i>	25.38	
<i>For Aluminum Coated, Add</i>	39.65	
<i>For Schedule 20, Deduct</i>	-6.34	
<i>For Schedule 80, Add</i>	15.51	
32 31 13 13-0102 Post Without Top Rail Fitting, Galvanized Steel (6.625" Nominal) <small>(32 31 13 13-0059)</small>		
<small>Note: 6-5/8" outside diameter, Schedule 40. Includes cap and accessories.</small>		
32 31 13 13-0103 LF 6-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	78.98	4.02
<i>For Each Top Rail Fitting, Add</i>	4.55	
<i>For Each Single Barbed Wire Arm, Add</i>	7.15	
<i>For Each Double Barbed Wire Arm, Add</i>	14.95	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	17.73	
<i>For Vinyl Coated, Add</i>	42.55	
<i>For Powder Coated, Add</i>	56.74	
<i>For Aluminum Coated, Add</i>	88.65	
<i>For Schedule 20, Deduct</i>	-14.18	
<i>For Schedule 80, Add</i>	34.85	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0104	LF 6-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	75.98	3.33
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	17.31	
			For Vinyl Coated, Add	41.54	
			For Powder Coated, Add	55.38	
			For Aluminum Coated, Add	86.54	
			For Schedule 20, Deduct	-13.85	
			For Schedule 80, Add	33.91	
32 31	13	13-0105	LF 6-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	73.99	2.75
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	17.10	
			For Vinyl Coated, Add	41.03	
			For Powder Coated, Add	54.71	
			For Aluminum Coated, Add	85.49	
			For Schedule 20, Deduct	-13.68	
			For Schedule 80, Add	33.39	
32 31	13	13-0106	LF 6-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	72.43	2.18
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.99	
			For Vinyl Coated, Add	40.78	
			For Powder Coated, Add	54.37	
			For Aluminum Coated, Add	84.95	
			For Schedule 20, Deduct	-13.59	
			For Schedule 80, Add	33.07	
32 31	13	13-0107	LF 6-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	71.58	1.95
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.94	
			For Vinyl Coated, Add	40.65	
			For Powder Coated, Add	54.20	
			For Aluminum Coated, Add	84.69	
			For Schedule 20, Deduct	-13.55	
			For Schedule 80, Add	32.90	
32 31	13	13-0108	LF 6-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	70.90	1.61
			For Each Top Rail Fitting, Add	4.55	
			For Each Single Barbed Wire Arm, Add	7.15	
			For Each Double Barbed Wire Arm, Add	14.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	16.93	
			For Vinyl Coated, Add	40.63	
			For Powder Coated, Add	54.17	
			For Aluminum Coated, Add	84.64	
			For Schedule 20, Deduct	-13.54	
			For Schedule 80, Add	32.82	
32 31	13	13-0109	Post Without Top Rail Fitting, Galvanized Steel (8.625" Nominal) (32 31 13 13-0059)		
			Note: 8-5/8" outside diameter, Schedule 40. Includes cap and accessories.		
32 31	13	13-0110	LF 8-5/8" Outside Diameter Galvanized Steel Post, Up To 6' In Length.....	154.01	4.47
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	36.27	
			For Vinyl Coated, Add	87.04	
			For Powder Coated, Add	116.05	
			For Aluminum Coated, Add	181.33	
			For Schedule 20, Deduct	-29.01	
			For Schedule 80, Add	70.52	
32 31	13	13-0111	LF 8-5/8" Outside Diameter Galvanized Steel Post, 7' To 10' In Length.....	149.18	3.79
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	35.43	
			For Vinyl Coated, Add	85.02	
			For Powder Coated, Add	113.36	
			For Aluminum Coated, Add	177.13	
			For Schedule 20, Deduct	-28.34	
			For Schedule 80, Add	68.76	
32 31	13	13-0112	LF 8-5/8" Outside Diameter Galvanized Steel Post, 11' To 15' In Length.....	146.23	3.10
			For Each Top Rail Fitting, Add	7.50	
			For Each Single Barbed Wire Arm, Add	9.15	
			For Each Double Barbed Wire Arm, Add	18.95	
			For SS40 (Hot-Dip Galvanized And Chromated), Add	35.01	
			For Vinyl Coated, Add	84.01	
			For Powder Coated, Add	112.02	
			For Aluminum Coated, Add	175.03	
			For Schedule 20, Deduct	-28.00	
			For Schedule 80, Add	67.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0113 LF 8-5/8" Outside Diameter Galvanized Steel Post, 16' To 20' In Length.....	144.10	2.41
<i>For Each Top Rail Fitting, Add</i>	7.50	
<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	34.80	
<i>For Vinyl Coated, Add</i>	83.51	
<i>For Powder Coated, Add</i>	111.34	
<i>For Aluminum Coated, Add</i>	173.98	
<i>For Schedule 20, Deduct</i>	-27.84	
<i>For Schedule 80, Add</i>	67.30	
32 31 13 13-0114 LF 8-5/8" Outside Diameter Galvanized Steel Post, 21' To 24' In Length.....	143.01	2.06
<i>For Each Top Rail Fitting, Add</i>	7.50	
<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	34.69	
<i>For Vinyl Coated, Add</i>	83.26	
<i>For Powder Coated, Add</i>	111.01	
<i>For Aluminum Coated, Add</i>	173.45	
<i>For Schedule 20, Deduct</i>	-27.75	
<i>For Schedule 80, Add</i>	67.03	
32 31 13 13-0115 LF 8-5/8" Outside Diameter Galvanized Steel Post, >24' In Length.....	142.23	1.72
<i>For Each Top Rail Fitting, Add</i>	7.50	
<i>For Each Single Barbed Wire Arm, Add</i>	9.15	
<i>For Each Double Barbed Wire Arm, Add</i>	18.95	
<i>For SS40 (Hot-Dip Galvanized And Chromated), Add</i>	34.67	
<i>For Vinyl Coated, Add</i>	83.21	
<i>For Powder Coated, Add</i>	110.94	
<i>For Aluminum Coated, Add</i>	173.35	
<i>For Schedule 20, Deduct</i>	-27.74	
<i>For Schedule 80, Add</i>	66.92	
32 31 13 13-0116 Driven Post Supports <small>(32 31 13 13)</small>		
Note: OZ-Post.		
32 31 13 13-0117 Driven Post Support For Round Chain Link Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0118 EA 26" Driven Post Support For 1-5/8" Round Chain Link Fence Post.....	74.51	
Note: OZ-Post GB-700.		
32 31 13 13-0119 EA 26" Driven Post Support For 1-7/8" To 2" Round Chain Link Fence Post.....	74.51	
Note: OZ-Post HB-700.		
32 31 13 13-0120 EA 26" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post.....	76.54	
Note: OZ-Post IS-600.		
32 31 13 13-0121 EA 32" Driven Post Support For 2-3/8" To 2-1/2" Round Chain Link Fence Post.....	91.83	
Note: OZ-Post ISW-850.		
32 31 13 13-0122 Driven Post Support For Square Ornamental Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0123 EA 34" Driven Post Support For 1-3/4" Square Ornamental Fence Post.....	85.74	
Note: OZ-Post C175-850.		
32 31 13 13-0124 EA 24" Driven Post Support For 2" Square Ornamental Fence Post.....	82.69	
Note: OZ-Post I2-600.		
32 31 13 13-0125 EA 34" Driven Post Support For 2" Square Ornamental Fence Post.....	86.35	
Note: OZ-Post I2-850.		
32 31 13 13-0126 EA 34" Driven Post Support For 2-1/2" Square Ornamental Fence Post.....	91.83	
Note: OZ-Post I25-850.		
32 31 13 13-0127 EA 34" Driven Post Support For 3" Square Ornamental Fence Post.....	91.83	
Note: OZ-Post I3-850.		
32 31 13 13-0128 Driven Post Support For Wooden Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0129 EA 24" Driven Post Support For 3-1/2" Square Wooden Fence Post.....	85.34	
Note: OZ-Post T4-600.		
32 31 13 13-0130 EA 34" Driven Post Support For 3-1/2" Square Wooden Fence Post.....	88.78	
Note: OZ-Post T4-850.		
32 31 13 13-0131 EA 34" Driven Post Support For 3-3/4" Square Wooden Fence Post.....	95.90	
Note: OZ-Post C4-850.		
32 31 13 13-0132 EA 34" Driven Post Support For 4" Square Wooden Fence Post.....	95.90	
Note: OZ-Post P4-850.		
32 31 13 13-0133 EA 36" Driven Post Support For 4" x 6" Wooden Fence Post.....	109.11	
Note: OZ-Post T46-850.		
32 31 13 13-0134 EA 36" Driven Post Support For 6" Square Wooden Fence Post.....	118.45	
Note: OZ-Post T6-850.		
32 31 13 13-0135 Driven Post Support For Vinyl Fence Posts <small>(32 31 13 13-0116)</small>		
32 31 13 13-0136 EA 24" Driven Post Support For 3-1/2" Square Vinyl Fence Post.....	85.34	
Note: OZ-Post T4-600.		
32 31 13 13-0137 EA 34" Driven Post Support For 3-1/2" Square Vinyl Fence Post.....	88.78	
Note: OZ-Post T4-850.		
32 31 13 13-0138 EA 34" Driven Post Support For 4" Square Vinyl Fence Post.....	95.90	
Note: OZ-Post P4-850.		
32 31 13 13-0139 EA 34" Driven Post Support For 5" Square Vinyl Fence Post.....	97.52	
Note: OZ-Post P4-850.		
32 31 13 13-0140 Chain Link Fence Assemblies <small>(32 31 13 13)</small>		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0141	Chain Link Fence Assembly With 2-1/2" Line Post And 3" Corner Posts <small>(32 31 13 13-0140)</small>		
	Note: Includes 2" 9 gauge coiled spring mesh (knuckled selvage), tension bars, post tension bands, wire ties, truss rod (at corners or posts), 1-5/8" top rail, 1-5/8" bottom rail, 2-1/2" line post and 3" corner posts. Posts exclude drilling or augering in soil or rock, concrete or soil fill. Heights indicated are from ground to top of installed pole. Minimum 2' bury with up to one third of exposed post height to be buried in ground. Excludes grounding. Demolition excludes concrete footing removal on posts and excavation. See CSI section 26 05 26 00-0000 for grounding, 31 23 16 36-0009 for hand excavation for footing removal (where required), 32 31 13 13-0655 for barb wire attachments.		
32 31 13 13-0142	Galvanized <small>(32 31 13 13-0141)</small>		
32 31 13 13-0143	LF 3' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	39.70	3.91
	For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	2.75	
	For 13 Gauge Fabric, Deduct	-8.48	
	For 11 Gauge Fabric, Deduct	-4.96	
	For 6 Gauge Fabric, Add	7.79	
	For 1" Mesh Fabric, Add	10.62	
	For 1-3/4" Mesh Fabric, Add	4.25	
	For 2-1/8" Mesh Fabric, Deduct	-2.12	
	For 2-3/8" Mesh Fabric, Deduct	-2.83	
	For Posts 8' On Centers, Add	2.17	
	For Posts 5' On Centers, Add	8.14	
	For Up To 100, Add	7.48	
	For >100 To 250, Add	2.75	
	For >2,500 To 5,000, Deduct	-1.37	
	For >5,000, Deduct	-2.75	
	For 3/8" Non-Climbable Mesh, Add	30.70	
32 31 13 13-0144	LF 3'-6" Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	41.29	3.91
	For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	2.84	
	For 13 Gauge Fabric, Deduct	-8.95	
	For 11 Gauge Fabric, Deduct	-5.23	
	For 6 Gauge Fabric, Add	8.22	
	For 1" Mesh Fabric, Add	11.21	
	For 1-3/4" Mesh Fabric, Add	4.48	
	For 2-1/8" Mesh Fabric, Deduct	-2.24	
	For 2-3/8" Mesh Fabric, Deduct	-2.99	
	For Posts 8' On Centers, Add	2.25	
	For Posts 5' On Centers, Add	8.44	
	For Up To 100, Add	7.75	
	For >100 To 250, Add	2.84	
	For >2,500 To 5,000, Deduct	-1.42	
	For >5,000, Deduct	-2.84	
	For 3/8" Non-Climbable Mesh, Add	35.23	
32 31 13 13-0145	LF 4' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	42.69	3.91
	For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	2.92	
	For 13 Gauge Fabric, Deduct	-9.35	
	For 11 Gauge Fabric, Deduct	-5.46	
	For 6 Gauge Fabric, Add	8.59	
	For 1" Mesh Fabric, Add	11.71	
	For 1-3/4" Mesh Fabric, Add	4.68	
	For 2-1/8" Mesh Fabric, Deduct	-2.34	
	For 2-3/8" Mesh Fabric, Deduct	-3.12	
	For Posts 8' On Centers, Add	2.32	
	For Posts 5' On Centers, Add	8.71	
	For Up To 100, Add	7.98	
	For >100 To 250, Add	2.92	
	For >2,500 To 5,000, Deduct	-1.46	
	For >5,000, Deduct	-2.92	
	For 3/8" Non-Climbable Mesh, Add	39.81	
32 31 13 13-0146	LF 5' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	45.97	3.91
	For Surface Mount On Concrete (Excludes Drilling And Anchors), Add	3.11	
	For 13 Gauge Fabric, Deduct	-10.32	
	For 11 Gauge Fabric, Deduct	-6.03	
	For 6 Gauge Fabric, Add	9.47	
	For 1" Mesh Fabric, Add	12.92	
	For 1-3/4" Mesh Fabric, Add	5.17	
	For 2-1/8" Mesh Fabric, Deduct	-2.58	
	For 2-3/8" Mesh Fabric, Deduct	-3.44	
	For Posts 8' On Centers, Add	2.49	
	For Posts 5' On Centers, Add	9.33	
	For Up To 100, Add	8.52	
	For >100 To 250, Add	3.11	
	For >2,500 To 5,000, Deduct	-1.56	
	For >5,000, Deduct	-3.11	
	For 3/8" Non-Climbable Mesh, Add	48.41	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0147	LF 6' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For 3/8" Non-Climbable Mesh, Add</i>	49.81	3.91
32 31	13	13-0148	LF 7' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For 3/8" Non-Climbable Mesh, Add</i>	51.68	5.85
32 31	13	13-0149	LF 8' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For 3/8" Non-Climbable Mesh, Add</i>	58.76	6.83
32 31	13	13-0150	LF 9' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For 3/8" Non-Climbable Mesh, Add</i>	62.69	8.78
32 31	13	13-0151	LF 10' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post <i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i> <i>For 13 Gauge Fabric, Deduct</i> <i>For 11 Gauge Fabric, Deduct</i> <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For 2-3/8" Mesh Fabric, Deduct</i> <i>For Posts 8' On Centers, Add</i> <i>For Posts 5' On Centers, Add</i> <i>For Up To 100, Add</i> <i>For >100 To 250, Add</i> <i>For >2,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For 3/8" Non-Climbable Mesh, Add</i>	66.63	9.76

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

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Humboldt.

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 31 13 13-0152	LF	12' Galvanized Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	74.03		11.71
		<i>For Each Additional Foot >12, Add</i>	4.02		
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.84		
		<i>For 13 Gauge Fabric, Deduct</i>	-17.82		
		<i>For 11 Gauge Fabric, Deduct</i>	-10.41		
		<i>For 6 Gauge Fabric, Add</i>	16.36		
		<i>For 1" Mesh Fabric, Add</i>	22.31		
		<i>For 1-3/4" Mesh Fabric, Add</i>	8.92		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.46		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.95		
		<i>For Posts 8' On Centers, Add</i>	3.97		
		<i>For Posts 5' On Centers, Add</i>	14.80		
		<i>For Up To 100, Add</i>	13.38		
		<i>For >100 To 250, Add</i>	4.84		
		<i>For >2,500 To 5,000, Deduct</i>	-2.42		
		<i>For >5,000, Deduct</i>	-4.84		
		<i>For 3/8" Non-Climbable Mesh, Add</i>	98.04		
32 31 13 13-0153		Vinyl Coated <small>(32 31 13 13-0141)</small>			
32 31 13 13-0154	LF	4' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	44.26		3.91
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	4.27		
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.00		
		<i>For 13 Gauge Fabric, Deduct</i>	-9.90		
		<i>For 11 Gauge Fabric, Deduct</i>	-5.78		
		<i>For 6 Gauge Fabric, Add</i>	9.09		
		<i>For 1" Mesh Fabric, Add</i>	12.39		
		<i>For 1-3/4" Mesh Fabric, Add</i>	4.96		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.48		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.30		
		<i>For Posts 8' On Centers, Add</i>	2.40		
		<i>For Posts 5' On Centers, Add</i>	8.99		
		<i>For Up To 100, Add</i>	8.22		
		<i>For >100 To 250, Add</i>	3.00		
		<i>For >2,500 To 5,000, Deduct</i>	-1.50		
		<i>For >5,000, Deduct</i>	-3.00		
		<i>For 3/8" Non-Climbable Mesh, Add</i>	44.69		
32 31 13 13-0155	LF	5' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	47.94		3.91
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	4.75		
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.21		
		<i>For 13 Gauge Fabric, Deduct</i>	-11.00		
		<i>For 11 Gauge Fabric, Deduct</i>	-6.43		
		<i>For 6 Gauge Fabric, Add</i>	10.10		
		<i>For 1" Mesh Fabric, Add</i>	13.77		
		<i>For 1-3/4" Mesh Fabric, Add</i>	5.51		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-2.75		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-3.67		
		<i>For Posts 8' On Centers, Add</i>	2.59		
		<i>For Posts 5' On Centers, Add</i>	9.69		
		<i>For Up To 100, Add</i>	8.82		
		<i>For >100 To 250, Add</i>	3.21		
		<i>For >2,500 To 5,000, Deduct</i>	-1.61		
		<i>For >5,000, Deduct</i>	-3.21		
		<i>For 3/8" Non-Climbable Mesh, Add</i>	54.50		
32 31 13 13-0156	LF	6' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	53.82		3.91
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	5.47		
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.56		
		<i>For 13 Gauge Fabric, Deduct</i>	-12.68		
		<i>For 11 Gauge Fabric, Deduct</i>	-7.41		
		<i>For 6 Gauge Fabric, Add</i>	11.64		
		<i>For 1" Mesh Fabric, Add</i>	15.87		
		<i>For 1-3/4" Mesh Fabric, Add</i>	6.35		
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.17		
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.23		
		<i>For Posts 8' On Centers, Add</i>	2.90		
		<i>For Posts 5' On Centers, Add</i>	10.81		
		<i>For Up To 100, Add</i>	9.81		
		<i>For >100 To 250, Add</i>	3.56		
		<i>For >2,500 To 5,000, Deduct</i>	-1.78		
		<i>For >5,000, Deduct</i>	-3.56		
		<i>For 3/8" Non-Climbable Mesh, Add</i>	64.35		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0157 LF 7' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	56.34	5.85
<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	5.75	
<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	3.72	
<i>For 13 Gauge Fabric, Deduct</i>	-13.33	
<i>For 11 Gauge Fabric, Deduct</i>	-7.79	
<i>For 6 Gauge Fabric, Add</i>	12.24	
<i>For 1" Mesh Fabric, Add</i>	16.69	
<i>For 1-3/4" Mesh Fabric, Add</i>	6.67	
<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.34	
<i>For 2-3/8" Mesh Fabric, Deduct</i>	-4.45	
<i>For Posts 8' On Centers, Add</i>	3.03	
<i>For Posts 5' On Centers, Add</i>	11.31	
<i>For Up To 100, Add</i>	10.25	
<i>For >100 To 250, Add</i>	3.72	
<i>For >2,500 To 5,000, Deduct</i>	-1.86	
<i>For >5,000, Deduct</i>	-3.72	
<i>For 3/8" Non-Climbable Mesh, Add</i>	74.36	
32 31 13 13-0158 LF 8' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	64.18	6.83
<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	6.75	
<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.17	
<i>For 13 Gauge Fabric, Deduct</i>	-15.64	
<i>For 11 Gauge Fabric, Deduct</i>	-9.14	
<i>For 6 Gauge Fabric, Add</i>	14.36	
<i>For 1" Mesh Fabric, Add</i>	19.58	
<i>For 1-3/4" Mesh Fabric, Add</i>	7.83	
<i>For 2-1/8" Mesh Fabric, Deduct</i>	-3.92	
<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.22	
<i>For Posts 8' On Centers, Add</i>	3.44	
<i>For Posts 5' On Centers, Add</i>	12.80	
<i>For Up To 100, Add</i>	11.54	
<i>For >100 To 250, Add</i>	4.17	
<i>For >2,500 To 5,000, Deduct</i>	-2.08	
<i>For >5,000, Deduct</i>	-4.17	
<i>For 3/8" Non-Climbable Mesh, Add</i>	84.44	
32 31 13 13-0159 LF 9' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	68.51	8.78
<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	7.27	
<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.43	
<i>For 13 Gauge Fabric, Deduct</i>	-16.84	
<i>For 11 Gauge Fabric, Deduct</i>	-9.84	
<i>For 6 Gauge Fabric, Add</i>	15.46	
<i>For 1" Mesh Fabric, Add</i>	21.08	
<i>For 1-3/4" Mesh Fabric, Add</i>	8.43	
<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.22	
<i>For 2-3/8" Mesh Fabric, Deduct</i>	-5.62	
<i>For Posts 8' On Centers, Add</i>	3.67	
<i>For Posts 5' On Centers, Add</i>	13.64	
<i>For Up To 100, Add</i>	12.28	
<i>For >100 To 250, Add</i>	4.43	
<i>For >2,500 To 5,000, Deduct</i>	-2.21	
<i>For >5,000, Deduct</i>	-4.43	
<i>For 3/8" Non-Climbable Mesh, Add</i>	93.26	
32 31 13 13-0160 LF 10' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post	72.85	9.76
<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	7.78	
<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	4.69	
<i>For 13 Gauge Fabric, Deduct</i>	-18.02	
<i>For 11 Gauge Fabric, Deduct</i>	-10.53	
<i>For 6 Gauge Fabric, Add</i>	16.55	
<i>For 1" Mesh Fabric, Add</i>	22.56	
<i>For 1-3/4" Mesh Fabric, Add</i>	9.03	
<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.51	
<i>For 2-3/8" Mesh Fabric, Deduct</i>	-6.02	
<i>For Posts 8' On Centers, Add</i>	3.89	
<i>For Posts 5' On Centers, Add</i>	14.48	
<i>For Up To 100, Add</i>	13.03	
<i>For >100 To 250, Add</i>	4.69	
<i>For >2,500 To 5,000, Deduct</i>	-2.35	
<i>For >5,000, Deduct</i>	-4.69	
<i>For 3/8" Non-Climbable Mesh, Add</i>	102.34	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0161	LF	12' Vinyl Cover Chain Link Fence, 9 Gauge Coiled Spring Mesh, Top And Bottom Rails, 2-1/2" Line Post At 10' On Center, 3" Corner Post.....	79.50	11.71
		<i>For Each Additional Foot >12, Add</i>	4.27	
		<i>For Powder Coated Framework (Posts, Rails, Hardware), Add</i>	8.51	
		<i>For Surface Mount On Concrete (Excludes Drilling And Anchors), Add</i>	5.11	
		<i>For 13 Gauge Fabric, Deduct</i>	-19.72	
		<i>For 11 Gauge Fabric, Deduct</i>	-11.52	
		<i>For 6 Gauge Fabric, Add</i>	18.11	
		<i>For 1" Mesh Fabric, Add</i>	24.69	
		<i>For 1-3/4" Mesh Fabric, Add</i>	9.88	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-4.94	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-6.58	
		<i>For Posts 8' On Centers, Add</i>	4.25	
		<i>For Posts 5' On Centers, Add</i>	15.79	
		<i>For Up To 100, Add</i>	14.20	
		<i>For >100 To 250, Add</i>	5.11	
		<i>For >2,500 To 5,000, Deduct</i>	-2.56	
		<i>For >5,000, Deduct</i>	-5.11	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	110.99	
32 31 13 13-0162		Rails <small>(32 31 13 13)</small>		
		Note: Includes rail end fittings.		
32 31 13 13-0163		SS-20 Chain Link Fence Rails <small>(32 31 13 13-0162)</small>		
		Note: Includes tie wires.		
32 31 13 13-0164	LF	1-3/8" Galvanized Steel Rail, 0.08" Wall Thickness, Tie Wires And Fittings	7.21	1.27
		<i>For SS15, Deduct</i>	-0.46	
		<i>For SS40, Add</i>	1.14	
32 31 13 13-0165	LF	1-3/8" Vinyl Coated Rail, 0.08" Wall Thickness, Tie Wires And Fittings	8.74	1.27
		<i>For SS40, Add</i>	0.61	
		<i>For Powder Coated, Add</i>	1.22	
		<i>For Aluminum Coated, Add</i>	2.44	
32 31 13 13-0166	LF	1-5/8" Galvanized Steel Rail, 0.085" Wall Thickness, Tie Wires And Fittings	8.95	1.43
		<i>For SS15, Deduct</i>	-0.61	
		<i>For SS40, Add</i>	1.52	
32 31 13 13-0167	LF	1-5/8" Vinyl Coated Rail, 0.085" Wall Thickness, Tie Wires And Fittings	11.00	1.43
		<i>For SS40, Add</i>	0.81	
		<i>For Powder Coated, Add</i>	1.63	
		<i>For Aluminum Coated, Add</i>	3.26	
32 31 13 13-0168	LF	2" Galvanized Steel Rail, 0.09" Wall Thickness, Tie Wires And Fittings	10.51	1.61
		<i>For SS40, Add</i>	1.83	
32 31 13 13-0169	LF	2" Vinyl Coated Rail, 0.09" Wall Thickness, Tie Wires And Fittings	12.98	1.61
		<i>For SS40, Add</i>	0.98	
		<i>For Powder Coated, Add</i>	1.95	
		<i>For Aluminum Coated, Add</i>	3.91	
32 31 13 13-0170		Fabric <small>(32 31 13 13)</small>		
32 31 13 13-0171		Fabric, Galvanized Chain Link <small>(32 31 13 13-0170)</small>		
32 31 13 13-0172	LF	3' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	11.31	2.30
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.08	
		<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	0.96	
		<i>For 13 Gauge Fabric, Deduct</i>	-1.73	
		<i>For 11 Gauge Fabric, Deduct</i>	-0.96	
		<i>For 6 Gauge Fabric, Add</i>	3.08	
		<i>For 1" Mesh Fabric, Add</i>	2.89	
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.93	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1.16	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.58	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.77	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	31.81	
32 31 13 13-0173	LF	3'-6" Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	12.53	2.59
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.26	
		<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.12	
		<i>For 13 Gauge Fabric, Deduct</i>	-2.02	
		<i>For 11 Gauge Fabric, Deduct</i>	-1.12	
		<i>For 6 Gauge Fabric, Add</i>	3.59	
		<i>For 1" Mesh Fabric, Add</i>	3.37	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2.25	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1.35	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.67	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.90	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	36.44	
32 31 13 13-0174	LF	4' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh	13.54	2.86
		<i>For 1-1/4" Mesh Fabric, Add</i>	1.38	
		<i>For 2 Oz Galvanized Or Zinc Coating, Add</i>	1.24	
		<i>For 13 Gauge Fabric, Deduct</i>	-2.22	
		<i>For 11 Gauge Fabric, Deduct</i>	-1.24	
		<i>For 6 Gauge Fabric, Add</i>	3.95	
		<i>For 1" Mesh Fabric, Add</i>	3.71	
		<i>For 1-1/4" Mesh Fabric, Add</i>	2.47	
		<i>For 1-3/4" Mesh Fabric, Add</i>	1.48	
		<i>For 2-1/8" Mesh Fabric, Deduct</i>	-0.74	
		<i>For 2-3/8" Mesh Fabric, Deduct</i>	-0.99	
		<i>For 3/8" Non-Climbable Mesh, Add</i>	41.09	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0175	LF	5' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	15.34	3.44
			For 1-1/4" Mesh Fabric, Add	1.72	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.54	
			For 13 Gauge Fabric, Deduct	-2.77	
			For 11 Gauge Fabric, Deduct	-1.54	
			For 6 Gauge Fabric, Add	4.93	
			For 1" Mesh Fabric, Add	4.62	
			For 1-1/4" Mesh Fabric, Add	3.08	
			For 1-3/4" Mesh Fabric, Add	1.85	
			For 2-1/8" Mesh Fabric, Deduct	-0.92	
			For 2-3/8" Mesh Fabric, Deduct	-1.23	
			For 3/8" Non-Climbable Mesh, Add	49.78	
32 31	13 13-0176	LF	6' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	17.24	4.02
			For 1-1/4" Mesh Fabric, Add	2.07	
			For 2 Oz Galvanized Or Zinc Coating, Add	1.85	
			For 13 Gauge Fabric, Deduct	-3.33	
			For 11 Gauge Fabric, Deduct	-1.85	
			For 6 Gauge Fabric, Add	5.92	
			For 1" Mesh Fabric, Add	5.55	
			For 1-1/4" Mesh Fabric, Add	3.70	
			For 1-3/4" Mesh Fabric, Add	2.22	
			For 2-1/8" Mesh Fabric, Deduct	-1.11	
			For 2-3/8" Mesh Fabric, Deduct	-1.48	
			For 3/8" Non-Climbable Mesh, Add	58.54	
32 31	13 13-0177	LF	7' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	19.20	4.60
			For 1-1/4" Mesh Fabric, Add	2.41	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.15	
			For 13 Gauge Fabric, Deduct	-3.87	
			For 11 Gauge Fabric, Deduct	-2.15	
			For 6 Gauge Fabric, Add	6.89	
			For 1" Mesh Fabric, Add	6.46	
			For 1-1/4" Mesh Fabric, Add	4.31	
			For 1-3/4" Mesh Fabric, Add	2.58	
			For 2-1/8" Mesh Fabric, Deduct	-1.29	
			For 2-3/8" Mesh Fabric, Deduct	-1.72	
			For 3/8" Non-Climbable Mesh, Add	67.41	
32 31	13 13-0178	LF	8' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	21.33	5.74
			For 1-1/4" Mesh Fabric, Add	2.76	
			For 2 Oz Galvanized Or Zinc Coating, Add	2.46	
			For 13 Gauge Fabric, Deduct	-4.43	
			For 11 Gauge Fabric, Deduct	-2.46	
			For 6 Gauge Fabric, Add	7.88	
			For 1" Mesh Fabric, Add	7.39	
			For 1-1/4" Mesh Fabric, Add	4.93	
			For 1-3/4" Mesh Fabric, Add	2.96	
			For 2-1/8" Mesh Fabric, Deduct	-1.48	
			For 2-3/8" Mesh Fabric, Deduct	-1.97	
			For 3/8" Non-Climbable Mesh, Add	76.43	
32 31	13 13-0179	LF	10' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	25.47	6.32
			For 1-1/4" Mesh Fabric, Add	3.58	
			For 2 Oz Galvanized Or Zinc Coating, Add	3.20	
			For 13 Gauge Fabric, Deduct	-5.76	
			For 11 Gauge Fabric, Deduct	-3.20	
			For 6 Gauge Fabric, Add	10.24	
			For 1" Mesh Fabric, Add	9.60	
			For 1-1/4" Mesh Fabric, Add	6.40	
			For 1-3/4" Mesh Fabric, Add	3.84	
			For 2-1/8" Mesh Fabric, Deduct	-1.92	
			For 2-3/8" Mesh Fabric, Deduct	-2.56	
			For 3/8" Non-Climbable Mesh, Add	92.30	
32 31	13 13-0180	LF	12' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	29.12	6.88
			For 1-1/4" Mesh Fabric, Add	4.30	
			For 2 Oz Galvanized Or Zinc Coating, Add	3.84	
			For 13 Gauge Fabric, Deduct	-6.90	
			For 11 Gauge Fabric, Deduct	-3.84	
			For 6 Gauge Fabric, Add	12.27	
			For 1" Mesh Fabric, Add	11.51	
			For 1-1/4" Mesh Fabric, Add	7.67	
			For 1-3/4" Mesh Fabric, Add	4.60	
			For 2-1/8" Mesh Fabric, Deduct	-2.30	
			For 2-3/8" Mesh Fabric, Deduct	-3.07	
			For 3/8" Non-Climbable Mesh, Add	100.11	
32 31	13 13-0181	LF	14' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	32.54	8.04
			For 1-1/4" Mesh Fabric, Add	4.61	
			For 2 Oz Galvanized Or Zinc Coating, Add	4.12	
			For 13 Gauge Fabric, Deduct	-7.42	
			For 11 Gauge Fabric, Deduct	-4.12	
			For 6 Gauge Fabric, Add	13.18	
			For 1" Mesh Fabric, Add	12.36	
			For 1-1/4" Mesh Fabric, Add	8.24	
			For 1-3/4" Mesh Fabric, Add	4.94	
			For 2-1/8" Mesh Fabric, Deduct	-2.47	
			For 2-3/8" Mesh Fabric, Deduct	-3.30	
			For 3/8" Non-Climbable Mesh, Add	109.10	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

Cal Poly
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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0182	LF	16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	35.97	9.18
			For 1-1/4" Mesh Fabric, Add	4.93	
			For 2 Oz Galvanized Or Zinc Coating, Add	4.40	
			For 13 Gauge Fabric, Deduct	-7.92	
			For 11 Gauge Fabric, Deduct	-4.40	
			For 6 Gauge Fabric, Add	14.09	
			For 1" Mesh Fabric, Add	13.21	
			For 1-1/4" Mesh Fabric, Add	8.81	
			For 1-3/4" Mesh Fabric, Add	5.28	
			For 2-1/8" Mesh Fabric, Deduct	-2.64	
			For 2-3/8" Mesh Fabric, Deduct	-3.52	
			For 3/8" Non-Climbable Mesh, Add	118.12	
32 31	13 13-0183	SF	>16' Full Height Fabric Galvanized Chain Link #9 Gauge, 1.2 Oz Coating, 2" Mesh.....	2.24	0.54
			For 1-1/4" Mesh Fabric, Add	0.31	
			For 2 Oz Galvanized Or Zinc Coating, Add	0.28	
			For 13 Gauge Fabric, Deduct	-0.50	
			For 11 Gauge Fabric, Deduct	-0.28	
			For 6 Gauge Fabric, Add	0.88	
			For 1" Mesh Fabric, Add	0.83	
			For 1-1/4" Mesh Fabric, Add	0.55	
			For 1-3/4" Mesh Fabric, Add	0.33	
			For 2-1/8" Mesh Fabric, Deduct	-0.17	
			For 2-3/8" Mesh Fabric, Deduct	-0.22	
32 31	13 13-0184		Fabric, Vinyl Coated Chain Link <small>(32 31 13 13-0170)</small>		
32 31	13 13-0185	LF	4' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh.....	15.10	2.30
			For 1-1/4" Mesh Fabric, Add	1.82	
			For 13 Gauge Fabric, Deduct	-2.93	
			For 11 Gauge Fabric, Deduct	-1.63	
			For 6 Gauge Fabric, Add	5.20	
			For 1" Mesh Fabric, Add	4.88	
			For 1-1/4" Mesh Fabric, Add	3.25	
			For 1-3/4" Mesh Fabric, Add	1.95	
			For 2-1/8" Mesh Fabric, Deduct	-0.98	
			For 2-3/8" Mesh Fabric, Deduct	-1.30	
			For 3/8" Non-Climbable Mesh, Add	45.97	
			For Aluminum Coated, Add	2.60	
32 31	13 13-0186	LF	5' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh.....	17.31	3.44
			For 1-1/4" Mesh Fabric, Add	2.28	
			For 13 Gauge Fabric, Deduct	-3.66	
			For 11 Gauge Fabric, Deduct	-2.03	
			For 6 Gauge Fabric, Add	6.50	
			For 1" Mesh Fabric, Add	6.10	
			For 1-1/4" Mesh Fabric, Add	4.07	
			For 1-3/4" Mesh Fabric, Add	2.44	
			For 2-1/8" Mesh Fabric, Deduct	-1.22	
			For 2-3/8" Mesh Fabric, Deduct	-1.63	
			For 3/8" Non-Climbable Mesh, Add	55.87	
			For Aluminum Coated, Add	3.25	
32 31	13 13-0187	LF	6' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh.....	21.24	4.02
			For 1-1/4" Mesh Fabric, Add	3.19	
			For 13 Gauge Fabric, Deduct	-5.13	
			For 11 Gauge Fabric, Deduct	-2.85	
			For 6 Gauge Fabric, Add	9.12	
			For 1" Mesh Fabric, Add	8.55	
			For 1-1/4" Mesh Fabric, Add	5.70	
			For 1-3/4" Mesh Fabric, Add	3.42	
			For 2-1/8" Mesh Fabric, Deduct	-1.71	
			For 2-3/8" Mesh Fabric, Deduct	-2.28	
			For 3/8" Non-Climbable Mesh, Add	65.84	
			For Aluminum Coated, Add	4.56	
32 31	13 13-0188	LF	7' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh.....	23.86	4.60
			For 1-1/4" Mesh Fabric, Add	3.72	
			For 13 Gauge Fabric, Deduct	-5.97	
			For 11 Gauge Fabric, Deduct	-3.32	
			For 6 Gauge Fabric, Add	10.62	
			For 1" Mesh Fabric, Add	9.95	
			For 1-1/4" Mesh Fabric, Add	6.64	
			For 1-3/4" Mesh Fabric, Add	3.98	
			For 2-1/8" Mesh Fabric, Deduct	-1.99	
			For 2-3/8" Mesh Fabric, Deduct	-2.65	
			For 3/8" Non-Climbable Mesh, Add	75.94	
			For Aluminum Coated, Add	5.31	
32 31	13 13-0189	LF	8' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh.....	26.76	5.74
			For 1-1/4" Mesh Fabric, Add	4.28	
			For 13 Gauge Fabric, Deduct	-6.88	
			For 11 Gauge Fabric, Deduct	-3.82	
			For 6 Gauge Fabric, Add	12.22	
			For 1" Mesh Fabric, Add	11.46	
			For 1-1/4" Mesh Fabric, Add	7.64	
			For 1-3/4" Mesh Fabric, Add	4.58	
			For 2-1/8" Mesh Fabric, Deduct	-2.29	
			For 2-3/8" Mesh Fabric, Deduct	-3.06	
			For 3/8" Non-Climbable Mesh, Add	86.17	
			For Aluminum Coated, Add	6.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0190 LF 10' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	31.69	6.32
For 1-1/4" Mesh Fabric, Add	5.33	
For 13 Gauge Fabric, Deduct	-8.56	
For 11 Gauge Fabric, Deduct	-4.76	
For 6 Gauge Fabric, Add	15.22	
For 1" Mesh Fabric, Add	14.27	
For 1-1/4" Mesh Fabric, Add	9.51	
For 1-3/4" Mesh Fabric, Add	5.71	
For 2-1/8" Mesh Fabric, Deduct	-2.85	
For 2-3/8" Mesh Fabric, Deduct	-3.80	
For 3/8" Non-Climbable Mesh, Add	104.25	
For Aluminum Coated, Add	7.61	
32 31 13 13-0191 LF 12' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	34.58	6.88
For 1-1/4" Mesh Fabric, Add	5.82	
For 13 Gauge Fabric, Deduct	-9.36	
For 11 Gauge Fabric, Deduct	-5.20	
For 6 Gauge Fabric, Add	16.64	
For 1" Mesh Fabric, Add	15.60	
For 1-1/4" Mesh Fabric, Add	10.40	
For 1-3/4" Mesh Fabric, Add	6.24	
For 2-1/8" Mesh Fabric, Deduct	-3.12	
For 2-3/8" Mesh Fabric, Deduct	-4.16	
For 3/8" Non-Climbable Mesh, Add	113.06	
For Aluminum Coated, Add	8.32	
32 31 13 13-0192 LF 14' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	38.96	8.04
For 1-1/4" Mesh Fabric, Add	6.41	
For 13 Gauge Fabric, Deduct	-10.31	
For 11 Gauge Fabric, Deduct	-5.73	
For 6 Gauge Fabric, Add	18.32	
For 1" Mesh Fabric, Add	17.18	
For 1-1/4" Mesh Fabric, Add	11.45	
For 1-3/4" Mesh Fabric, Add	6.87	
For 2-1/8" Mesh Fabric, Deduct	-3.44	
For 2-3/8" Mesh Fabric, Deduct	-4.58	
For 3/8" Non-Climbable Mesh, Add	123.06	
For Aluminum Coated, Add	9.16	
32 31 13 13-0193 LF 16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	43.45	9.18
For 1-1/4" Mesh Fabric, Add	7.03	
For 13 Gauge Fabric, Deduct	-11.29	
For 11 Gauge Fabric, Deduct	-6.27	
For 6 Gauge Fabric, Add	20.07	
For 1" Mesh Fabric, Add	18.82	
For 1-1/4" Mesh Fabric, Add	12.55	
For 1-3/4" Mesh Fabric, Add	7.53	
For 2-1/8" Mesh Fabric, Deduct	-3.76	
For 2-3/8" Mesh Fabric, Deduct	-5.02	
For 3/8" Non-Climbable Mesh, Add	133.08	
For Aluminum Coated, Add	10.04	
32 31 13 13-0194 SF >16' Full Height Vinyl Coated Fabric Chain Link #9 Gauge Fused, 2" Mesh	2.71	0.54
For 1-1/4" Mesh Fabric, Add	0.44	
For 2 Oz Galvanized Or Zinc Coating, Add	0.39	
For 13 Gauge Fabric, Deduct	-0.71	
For 11 Gauge Fabric, Deduct	-0.39	
For 6 Gauge Fabric, Add	1.26	
For 1" Mesh Fabric, Add	1.18	
For 1-1/4" Mesh Fabric, Add	0.79	
For 1-3/4" Mesh Fabric, Add	0.47	
For 2-1/8" Mesh Fabric, Deduct	-0.24	
For 2-3/8" Mesh Fabric, Deduct	-0.31	
For Aluminum Coated, Add	0.63	
32 31 13 13-0195 Fabric, Aluminized Steel Chain Link <small>(32 31 13 13-0170)</small>		
32 31 13 13-0196 LF 3' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	10.84	2.30
For 6 Gauge Fabric, Add	2.70	
For 1" Mesh Fabric, Add	3.55	
32 31 13 13-0197 LF 3'-6" Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	11.96	2.59
For 6 Gauge Fabric, Add	3.14	
For 1" Mesh Fabric, Add	4.12	
32 31 13 13-0198 LF 4' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	13.09	2.86
For 6 Gauge Fabric, Add	3.59	
For 1" Mesh Fabric, Add	4.71	
32 31 13 13-0199 LF 5' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	14.79	3.44
For 6 Gauge Fabric, Add	4.49	
For 1" Mesh Fabric, Add	5.89	
32 31 13 13-0200 LF 6' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	16.55	4.02
For 6 Gauge Fabric, Add	5.37	
For 1" Mesh Fabric, Add	7.05	
32 31 13 13-0201 LF 7' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	18.44	4.60
For 6 Gauge Fabric, Add	6.28	
For 1" Mesh Fabric, Add	8.24	
32 31 13 13-0202 LF 8' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	20.44	5.74
For 6 Gauge Fabric, Add	7.17	
For 1" Mesh Fabric, Add	9.41	
32 31 13 13-0203 LF 10' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh	23.87	6.32
For 6 Gauge Fabric, Add	8.96	
For 1" Mesh Fabric, Add	11.76	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 13 13-0204	LF	12' Full Height Fabric Chain Link #9 Gauge, Aluminized Steel, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	27.22 10.75 14.11	6.88
32 31 13 13-0205		Fabric, All Aluminum Chain Link <small>(32 31 13 13-0170)</small>		
32 31 13 13-0206	LF	3' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	16.29 7.06 9.27	2.30
32 31 13 13-0207	LF	3'-6" Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	18.34 8.24 10.82	2.59
32 31 13 13-0208	LF	4' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	20.37 9.42 12.36	2.86
32 31 13 13-0209	LF	5' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	23.89 11.77 15.45	3.44
32 31 13 13-0210	LF	6' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	27.50 14.13 18.54	4.02
32 31 13 13-0211	LF	7' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	31.19 16.48 21.63	4.60
32 31 13 13-0212	LF	8' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	35.02 18.83 24.72	5.74
32 31 13 13-0213	LF	10' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	42.10 23.54 30.90	6.32
32 31 13 13-0214	LF	12' Full Height Fabric Chain Link #9 Gauge, All Aluminum, 2" Mesh <i>For 6 Gauge Fabric, Add</i> <i>For 1" Mesh Fabric, Add</i>	49.09 28.25 37.08	6.88
32 31 13 13-0215		Fence Inserts <small>(32 31 13 13-0170)</small>		
		Note: For use with new or existing chain link fence, per lf of fence.		
32 31 13 13-0216		Vinyl Plastic Fence Inserts <small>(32 31 13 13-0215)</small>		
		Note: Assorted colors.		
32 31 13 13-0217	LF	3' High Fence, Vinyl Plastic Fence Insert	9.09	
32 31 13 13-0218	LF	3-1/2' High Fence, Vinyl Plastic Fence Insert	10.35	
32 31 13 13-0219	LF	4' High Fence, Vinyl Plastic Fence Insert	11.42	
32 31 13 13-0220	LF	5' High Fence, Vinyl Plastic Fence Insert	14.32	
32 31 13 13-0221	LF	6' High Fence, Vinyl Plastic Fence Insert	17.13	
32 31 13 13-0222	LF	7' High Fence, Vinyl Plastic Fence Insert	20.03	
32 31 13 13-0223	LF	8' High Fence, Vinyl Plastic Fence Insert	22.84	
32 31 13 13-0224	LF	10' High Fence, Vinyl Plastic Fence Insert	27.94	
32 31 13 13-0225		Aluminum Fence Inserts <small>(32 31 13 13-0215)</small>		
		Note: Assorted colors.		
32 31 13 13-0226	LF	3' High Fence, Aluminum Fence Insert	31.86	
32 31 13 13-0227	LF	3-1/2' High Fence, Aluminum Fence Insert	34.93	
32 31 13 13-0228	LF	4' High Fence, Aluminum Fence Insert	39.60	
32 31 13 13-0229	LF	5' High Fence, Aluminum Fence Insert	49.55	
32 31 13 13-0230	LF	6' High Fence, Aluminum Fence Insert	59.46	
32 31 13 13-0231	LF	7' High Fence, Aluminum Fence Insert	64.50	
32 31 13 13-0232	LF	8' High Fence, Aluminum Fence Insert	79.26	
32 31 13 13-0233	LF	10' High Fence, Aluminum Fence Insert	98.81	
32 31 13 13-0234		Redwood Fence Inserts <small>(32 31 13 13-0215)</small>		
32 31 13 13-0235	LF	4' High Fence, Redwood Fence Insert	13.45	
32 31 13 13-0236	LF	5' High Fence, Redwood Fence Insert	17.01	
32 31 13 13-0237	LF	6' High Fence, Redwood Fence Insert	20.42	
32 31 13 13-0238	LF	7' High Fence, Redwood Fence Insert	23.77	
32 31 13 13-0239	LF	8' High Fence, Redwood Fence Insert	27.21	
32 31 13 13-0240		Diagonal Flexible Polyethylene Inserts <small>(32 31 13 13-0215)</small>		
32 31 13 13-0241	SF	Diagonal Polyethylene Fence Weave	3.62	
32 31 13 13-0242		Hedge Link Fence Inserts <small>(32 31 13 13-0215)</small>		
32 31 13 13-0243	LF	3' High Fence, Hedge Link Fence Insert	19.67	
32 31 13 13-0244	LF	3-1/2' High Fence, Hedge Link Fence Insert	22.40	
32 31 13 13-0245	LF	4' High Fence, Hedge Link Fence Insert	26.18	
32 31 13 13-0246	LF	5' High Fence, Hedge Link Fence Insert	32.27	
32 31 13 13-0247	LF	6' High Fence, Hedge Link Fence Insert	36.85	
32 31 13 13-0248	LF	7' High Fence, Hedge Link Fence Insert	46.69	
32 31 13 13-0249	LF	8' High Fence, Hedge Link Fence Insert	53.02	
32 31 13 13-0250	LF	10' High Fence, Hedge Link Fence Insert	63.44	
32 31 13 13-0251	LF	12' High Fence, Hedge Link Fence Insert	72.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0252 Fence Windscreen Fabric <small>(32 31 13 13-0170)</small>		
<i>Note: Includes plastic wire clips.</i>		
32 31 13 13-0252 SF Vinyl Coated Polyester Windscreen For Fence, 7 Oz Per SY	1.21	0.52
<i>For Sewn Boxed Vent (Each), Add</i>	27.54	
<i>For Welded Boxed Vent (Each), Add</i>	13.77	
<i>For 4' x 4' One Color Logo (Each), Add</i>	573.68	
32 31 13 13-0254 Non-Climbable Fabric, Galvanized Chain Link <small>(32 31 13 13-0170)</small>		
32 31 13 13-0255 LF 3' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	31.81	2.30
<i>For 11 Gauge, Deduct</i>	-4.87	
<i>For 10 Gauge, Deduct</i>	-1.95	
<i>For 7 Gauge, Add</i>	2.92	
<i>For 6 Gauge, Add</i>	6.82	
<i>For 1/2" Mesh Fabric, Deduct</i>	-1.22	
<i>For 5/8" Mesh Fabric, Deduct</i>	-2.68	
<i>For 3/4" Mesh Fabric, Deduct</i>	-3.90	
32 31 13 13-0256 LF 3'-6" Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh.....	36.44	2.59
<i>For 11 Gauge, Deduct</i>	-5.68	
<i>For 10 Gauge, Deduct</i>	-2.27	
<i>For 7 Gauge, Add</i>	3.41	
<i>For 6 Gauge, Add</i>	7.95	
<i>For 1/2" Mesh Fabric, Deduct</i>	-1.42	
<i>For 5/8" Mesh Fabric, Deduct</i>	-3.12	
<i>For 3/4" Mesh Fabric, Deduct</i>	-4.54	
32 31 13 13-0257 LF 4' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	41.09	2.86
<i>For 11 Gauge, Deduct</i>	-6.50	
<i>For 10 Gauge, Deduct</i>	-2.60	
<i>For 7 Gauge, Add</i>	3.90	
<i>For 6 Gauge, Add</i>	9.10	
<i>For 1/2" Mesh Fabric, Deduct</i>	-1.62	
<i>For 5/8" Mesh Fabric, Deduct</i>	-3.57	
<i>For 3/4" Mesh Fabric, Deduct</i>	-5.20	
32 31 13 13-0258 LF 5' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	49.78	3.44
<i>For 11 Gauge, Deduct</i>	-8.12	
<i>For 10 Gauge, Deduct</i>	-3.25	
<i>For 7 Gauge, Add</i>	4.87	
<i>For 6 Gauge, Add</i>	11.37	
<i>For 1/2" Mesh Fabric, Deduct</i>	-2.03	
<i>For 5/8" Mesh Fabric, Deduct</i>	-4.47	
<i>For 3/4" Mesh Fabric, Deduct</i>	-6.50	
32 31 13 13-0259 LF 6' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	58.54	4.02
<i>For 11 Gauge, Deduct</i>	-9.74	
<i>For 10 Gauge, Deduct</i>	-3.90	
<i>For 7 Gauge, Add</i>	5.84	
<i>For 6 Gauge, Add</i>	13.64	
<i>For 1/2" Mesh Fabric, Deduct</i>	-2.44	
<i>For 5/8" Mesh Fabric, Deduct</i>	-5.36	
<i>For 3/4" Mesh Fabric, Deduct</i>	-7.79	
32 31 13 13-0260 LF 7' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	67.41	4.60
<i>For 11 Gauge, Deduct</i>	-11.36	
<i>For 10 Gauge, Deduct</i>	-4.55	
<i>For 7 Gauge, Add</i>	6.82	
<i>For 6 Gauge, Add</i>	15.91	
<i>For 1/2" Mesh Fabric, Deduct</i>	-2.84	
<i>For 5/8" Mesh Fabric, Deduct</i>	-6.25	
<i>For 3/4" Mesh Fabric, Deduct</i>	-9.09	
32 31 13 13-0261 LF 8' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	76.43	5.74
<i>For 11 Gauge, Deduct</i>	-12.99	
<i>For 10 Gauge, Deduct</i>	-5.20	
<i>For 7 Gauge, Add</i>	7.79	
<i>For 6 Gauge, Add</i>	18.19	
<i>For 1/2" Mesh Fabric, Deduct</i>	-3.25	
<i>For 5/8" Mesh Fabric, Deduct</i>	-7.14	
<i>For 3/4" Mesh Fabric, Deduct</i>	-10.39	
32 31 13 13-0262 LF 9' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	84.35	6.03
<i>For 11 Gauge, Deduct</i>	-14.46	
<i>For 10 Gauge, Deduct</i>	-5.78	
<i>For 7 Gauge, Add</i>	8.67	
<i>For 6 Gauge, Add</i>	20.24	
<i>For 1/2" Mesh Fabric, Deduct</i>	-3.61	
<i>For 5/8" Mesh Fabric, Deduct</i>	-7.95	
<i>For 3/4" Mesh Fabric, Deduct</i>	-11.57	
32 31 13 13-0263 LF 10' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	92.30	6.32
<i>For 11 Gauge, Deduct</i>	-15.93	
<i>For 10 Gauge, Deduct</i>	-6.37	
<i>For 7 Gauge, Add</i>	9.56	
<i>For 6 Gauge, Add</i>	22.30	
<i>For 1/2" Mesh Fabric, Deduct</i>	-3.98	
<i>For 5/8" Mesh Fabric, Deduct</i>	-8.76	
<i>For 3/4" Mesh Fabric, Deduct</i>	-12.74	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 31 13 13-0264	LF	12' Non-Climbable Fabric Galvanized Chain Link #9 Gauge, 3/8" Mesh	100.11	6.88
		For 11 Gauge, Deduct	-17.27	
		For 10 Gauge, Deduct	-6.91	
		For 7 Gauge, Add	10.36	
		For 6 Gauge, Add	24.17	
		For 1/2" Mesh Fabric, Deduct	-4.32	
		For 5/8" Mesh Fabric, Deduct	-9.50	
		For 3/4" Mesh Fabric, Deduct	-13.81	
32 31 13 13-0265		Gates <small>(32 31 13 13)</small>		
		Note: Posts exclude drilling or augering in soil or rock. For barbed wire attached directly to posts and gates, select gates and posts sizes for full finished height of gate above grade (top rail to be at lower height, includes barb wire at top area where mesh would be). See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 13 13-0266		Galvanized Steel Without Barbed Wire <small>(32 31 13 13-0265)</small>		
		Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter for > 6' To 12' wide, 6-5/8" diameter for >12' To 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31 13 13-0267		4' Fence Height <small>(32 31 13 13-0266)</small>		
32 31 13 13-0268	EA	3' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	356.86	22.43
		For Gate With Single Barb Wire Arm, Add	31.54	
		For Gate With Double Barb Wire Arm, Add	45.88	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-53.77	
		For Aluminized Steel Gate And Post, Add	137.64	
		For Powder Coated Gate And Post, Add	74.56	
		For 1" Mesh Fabric, Add	124.74	
		For 1-1/4" Mesh Fabric, Add	80.29	
		For 1-3/4" Mesh Fabric, Add	49.90	
		For 2-1/8" Mesh Fabric, Deduct	-24.95	
32 31 13 13-0269	EA	4' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	452.44	23.37
		For Gate With Single Barb Wire Arm, Add	42.06	
		For Gate With Double Barb Wire Arm, Add	61.17	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-71.69	
		For Aluminized Steel Gate And Post, Add	183.52	
		For Powder Coated Gate And Post, Add	99.41	
		For 1" Mesh Fabric, Add	166.32	
		For 1-1/4" Mesh Fabric, Add	107.06	
		For 1-3/4" Mesh Fabric, Add	66.53	
		For 2-1/8" Mesh Fabric, Deduct	-33.26	
32 31 13 13-0270	EA	5' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	536.39	24.86
		For Gate With Single Barb Wire Arm, Add	50.78	
		For Gate With Double Barb Wire Arm, Add	73.86	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-86.55	
		For Aluminized Steel Gate And Post, Add	221.57	
		For Powder Coated Gate And Post, Add	120.02	
		For 1" Mesh Fabric, Add	200.80	
		For 1-1/4" Mesh Fabric, Add	129.25	
		For 1-3/4" Mesh Fabric, Add	80.32	
		For 2-1/8" Mesh Fabric, Deduct	-40.16	
32 31 13 13-0271	EA	6' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	630.62	29.91
		For Gate With Single Barb Wire Arm, Add	59.50	
		For Gate With Double Barb Wire Arm, Add	86.54	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-101.41	
		For Aluminized Steel Gate And Post, Add	259.62	
		For Powder Coated Gate And Post, Add	140.63	
		For 1" Mesh Fabric, Add	235.28	
		For 1-1/4" Mesh Fabric, Add	151.44	
		For 1-3/4" Mesh Fabric, Add	94.11	
		For 2-1/8" Mesh Fabric, Deduct	-47.06	
32 31 13 13-0272	EA	7' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	724.84	34.87
		For Gate With Single Barb Wire Arm, Add	68.22	
		For Gate With Double Barb Wire Arm, Add	99.22	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-116.28	
		For Aluminized Steel Gate And Post, Add	297.67	
		For Powder Coated Gate And Post, Add	161.24	
		For 1" Mesh Fabric, Add	269.76	
		For 1-1/4" Mesh Fabric, Add	173.64	
		For 1-3/4" Mesh Fabric, Add	107.90	
		For 2-1/8" Mesh Fabric, Deduct	-53.95	
32 31 13 13-0273	EA	8' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	822.32	39.82
		For Gate With Single Barb Wire Arm, Add	77.29	
		For Gate With Double Barb Wire Arm, Add	112.43	
		For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.75	
		For Aluminized Steel Gate And Post, Add	337.28	
		For Powder Coated Gate And Post, Add	182.69	
		For 1" Mesh Fabric, Add	305.66	
		For 1-1/4" Mesh Fabric, Add	196.75	
		For 1-3/4" Mesh Fabric, Add	122.26	
		For 2-1/8" Mesh Fabric, Deduct	-61.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0274 EA 9' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	916.52	44.87
For Gate With Single Barb Wire Arm, Add	86.01	
For Gate With Double Barb Wire Arm, Add	125.11	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-146.61	
For Aluminized Steel Gate And Post, Add	375.33	
For Powder Coated Gate And Post, Add	203.30	
For 1" Mesh Fabric, Add	340.14	
For 1-1/4" Mesh Fabric, Add	218.94	
For 1-3/4" Mesh Fabric, Add	136.06	
For 2-1/8" Mesh Fabric, Deduct	-68.03	
32 31 13 13-0275 EA 10' Wide x 4' High Single Gate Galvanized Steel Without Barbed Wire	1,012.14	49.82
For Gate With Single Barb Wire Arm, Add	94.89	
For Gate With Double Barb Wire Arm, Add	138.02	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-161.74	
For Aluminized Steel Gate And Post, Add	414.05	
For Powder Coated Gate And Post, Add	224.28	
For 1" Mesh Fabric, Add	375.23	
For 1-1/4" Mesh Fabric, Add	241.53	
For 1-3/4" Mesh Fabric, Add	150.09	
For 2-1/8" Mesh Fabric, Deduct	-75.05	
32 31 13 13-0276 EA 10' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,296.57	49.82
For Gate With Single Barb Wire Arm, Add	126.17	
For Gate With Double Barb Wire Arm, Add	183.52	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-215.07	
For Aluminized Steel Gate And Post, Add	550.57	
For Powder Coated Gate And Post, Add	298.23	
For 1" Mesh Fabric, Add	498.95	
For 1-1/4" Mesh Fabric, Add	321.17	
For 1-3/4" Mesh Fabric, Add	199.58	
For 2-1/8" Mesh Fabric, Deduct	-99.79	
32 31 13 13-0277 EA 12' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,536.66	53.37
For Gate With Single Barb Wire Arm, Add	151.41	
For Gate With Double Barb Wire Arm, Add	220.23	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-258.08	
For Aluminized Steel Gate And Post, Add	660.69	
For Powder Coated Gate And Post, Add	357.87	
For 1" Mesh Fabric, Add	598.75	
For 1-1/4" Mesh Fabric, Add	385.40	
For 1-3/4" Mesh Fabric, Add	239.50	
For 2-1/8" Mesh Fabric, Deduct	-119.75	
32 31 13 13-0278 EA 14' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	1,778.40	57.48
For Gate With Single Barb Wire Arm, Add	176.64	
For Gate With Double Barb Wire Arm, Add	256.93	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-301.09	
For Aluminized Steel Gate And Post, Add	770.80	
For Powder Coated Gate And Post, Add	417.52	
For 1" Mesh Fabric, Add	698.54	
For 1-1/4" Mesh Fabric, Add	449.63	
For 1-3/4" Mesh Fabric, Add	279.41	
For 2-1/8" Mesh Fabric, Deduct	-139.71	
32 31 13 13-0279 EA 16' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,022.18	62.26
For Gate With Single Barb Wire Arm, Add	201.88	
For Gate With Double Barb Wire Arm, Add	293.64	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-344.11	
For Aluminized Steel Gate And Post, Add	880.92	
For Powder Coated Gate And Post, Add	477.16	
For 1" Mesh Fabric, Add	798.33	
For 1-1/4" Mesh Fabric, Add	513.87	
For 1-3/4" Mesh Fabric, Add	319.33	
For 2-1/8" Mesh Fabric, Deduct	-159.67	
32 31 13 13-0280 EA 18' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,303.16	79.38
For Gate With Single Barb Wire Arm, Add	227.11	
For Gate With Double Barb Wire Arm, Add	330.34	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-387.12	
For Aluminized Steel Gate And Post, Add	991.03	
For Powder Coated Gate And Post, Add	536.81	
For 1" Mesh Fabric, Add	898.12	
For 1-1/4" Mesh Fabric, Add	578.10	
For 1-3/4" Mesh Fabric, Add	359.25	
For 2-1/8" Mesh Fabric, Deduct	-179.62	
32 31 13 13-0281 EA 20' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,549.60	85.09
For Gate With Single Barb Wire Arm, Add	252.35	
For Gate With Double Barb Wire Arm, Add	367.05	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-430.13	
For Aluminized Steel Gate And Post, Add	1,101.14	
For Powder Coated Gate And Post, Add	596.45	
For 1" Mesh Fabric, Add	997.91	
For 1-1/4" Mesh Fabric, Add	642.33	
For 1-3/4" Mesh Fabric, Add	399.16	
For 2-1/8" Mesh Fabric, Deduct	-199.58	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0282	EA	22' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	2,793.07	91.68
			<i>For Gate With Single Barb Wire Arm, Add</i>	276.96	
			<i>For Gate With Double Barb Wire Arm, Add</i>	402.86	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-472.10	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,208.57	
			<i>For Powder Coated Gate And Post, Add</i>	654.64	
			<i>For 1" Mesh Fabric, Add</i>	1,095.27	
			<i>For 1-1/4" Mesh Fabric, Add</i>	705.00	
			<i>For 1-3/4" Mesh Fabric, Add</i>	438.11	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-219.05	
32 31 13	13-0283	EA	24' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,039.81	99.28
			<i>For Gate With Single Barb Wire Arm, Add</i>	301.58	
			<i>For Gate With Double Barb Wire Arm, Add</i>	438.67	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-514.06	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,316.00	
			<i>For Powder Coated Gate And Post, Add</i>	712.83	
			<i>For 1" Mesh Fabric, Add</i>	1,192.63	
			<i>For 1-1/4" Mesh Fabric, Add</i>	767.67	
			<i>For 1-3/4" Mesh Fabric, Add</i>	477.05	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-238.53	
32 31 13	13-0284	EA	26' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,290.73	108.34
			<i>For Gate With Single Barb Wire Arm, Add</i>	326.20	
			<i>For Gate With Double Barb Wire Arm, Add</i>	474.48	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-556.03	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,423.43	
			<i>For Powder Coated Gate And Post, Add</i>	771.02	
			<i>For 1" Mesh Fabric, Add</i>	1,289.98	
			<i>For 1-1/4" Mesh Fabric, Add</i>	830.33	
			<i>For 1-3/4" Mesh Fabric, Add</i>	515.99	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-258.00	
32 31 13	13-0285	EA	28' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,463.13	119.19
			<i>For Gate With Single Barb Wire Arm, Add</i>	341.59	
			<i>For Gate With Double Barb Wire Arm, Add</i>	496.86	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-582.26	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,490.57	
			<i>For Powder Coated Gate And Post, Add</i>	807.39	
			<i>For 1" Mesh Fabric, Add</i>	1,350.83	
			<i>For 1-1/4" Mesh Fabric, Add</i>	869.50	
			<i>For 1-3/4" Mesh Fabric, Add</i>	540.33	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-270.17	
32 31 13	13-0286	EA	30' Wide x 4' High Double Gate Galvanized Steel Without Barbed Wire	3,838.59	132.38
			<i>For Gate With Single Barb Wire Arm, Add</i>	378.52	
			<i>For Gate With Double Barb Wire Arm, Add</i>	550.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-645.20	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,651.71	
			<i>For Powder Coated Gate And Post, Add</i>	894.68	
			<i>For 1" Mesh Fabric, Add</i>	1,496.87	
			<i>For 1-1/4" Mesh Fabric, Add</i>	963.50	
			<i>For 1-3/4" Mesh Fabric, Add</i>	598.75	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-299.37	
32 31 13	13-0287		5' Fence Height <small>(32 31 13 13-0286)</small>		
32 31 13	13-0288	EA	3' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	429.15	24.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	38.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	56.70	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-66.44	
			<i>For Aluminized Steel Gate And Post, Add</i>	170.10	
			<i>For Powder Coated Gate And Post, Add</i>	92.14	
			<i>For 1" Mesh Fabric, Add</i>	154.15	
			<i>For 1-1/4" Mesh Fabric, Add</i>	99.22	
			<i>For 1-3/4" Mesh Fabric, Add</i>	61.66	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-30.83	
32 31 13	13-0289	EA	4' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	545.71	24.86
			<i>For Gate With Single Barb Wire Arm, Add</i>	51.80	
			<i>For Gate With Double Barb Wire Arm, Add</i>	75.35	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-88.30	
			<i>For Aluminized Steel Gate And Post, Add</i>	226.05	
			<i>For Powder Coated Gate And Post, Add</i>	122.44	
			<i>For 1" Mesh Fabric, Add</i>	204.85	
			<i>For 1-1/4" Mesh Fabric, Add</i>	131.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	81.94	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-40.97	
32 31 13	13-0290	EA	5' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire	638.98	26.45
			<i>For Gate With Single Barb Wire Arm, Add</i>	61.55	
			<i>For Gate With Double Barb Wire Arm, Add</i>	89.52	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-104.91	
			<i>For Aluminized Steel Gate And Post, Add</i>	268.57	
			<i>For Powder Coated Gate And Post, Add</i>	145.48	
			<i>For 1" Mesh Fabric, Add</i>	243.39	
			<i>For 1-1/4" Mesh Fabric, Add</i>	156.67	
			<i>For 1-3/4" Mesh Fabric, Add</i>	97.36	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-48.68	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0291	EA 6' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	748.13 71.81 104.44 -122.40 313.33 169.72 283.96 182.78 113.58 -56.79	31.78
32 31	13	13-0292	EA 7' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	847.94 81.04 117.87 -138.13 353.62 191.54 320.47 206.28 128.19 -64.09	37.01
32 31	13	13-0293	EA 8' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	958.02 91.30 132.79 -155.62 398.38 215.79 361.03 232.39 144.41 -72.21	42.62
32 31	13	13-0294	EA 9' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,062.49 101.04 146.97 -172.23 440.90 238.82 399.57 257.19 159.83 -79.91	47.95
32 31	13	13-0295	EA 10' Wide x 5' High Single Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,166.98 110.79 161.14 -188.84 483.43 261.86 438.11 282.00 175.24 -87.62	53.18
32 31	13	13-0296	EA 10' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,581.42 156.33 227.39 -266.47 682.17 369.51 618.22 397.93 247.29 -123.64	53.37
32 31	13	13-0297	EA 12' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	1,879.12 187.72 273.05 -319.98 819.14 443.70 742.35 477.83 296.94 -148.47	57.48
32 31	13	13-0298	EA 14' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add For 1-5/8" Schedule 40 Pipe Frame, Deduct For Aluminized Steel Gate And Post, Add For Powder Coated Gate And Post, Add For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct	2,178.85 219.11 318.71 -373.48 956.12 517.90 866.48 557.73 346.59 -173.30	62.26

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0299	EA 16' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,515.78	79.38
			For Gate With Single Barb Wire Arm, Add	250.50	
			For Gate With Double Barb Wire Arm, Add	364.36	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-426.99	
			For Aluminized Steel Gate And Post, Add	1,093.08	
			For Powder Coated Gate And Post, Add	592.09	
			For 1" Mesh Fabric, Add	990.61	
			For 1-1/4" Mesh Fabric, Add	637.63	
			For 1-3/4" Mesh Fabric, Add	396.24	
			For 2-1/8" Mesh Fabric, Deduct	-198.12	
32 31	13	13-0300	EA 18' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	2,812.57	85.09
			For Gate With Single Barb Wire Arm, Add	281.27	
			For Gate With Double Barb Wire Arm, Add	409.12	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-479.44	
			For Aluminized Steel Gate And Post, Add	1,227.37	
			For Powder Coated Gate And Post, Add	664.83	
			For 1" Mesh Fabric, Add	1,112.30	
			For 1-1/4" Mesh Fabric, Add	715.97	
			For 1-3/4" Mesh Fabric, Add	444.92	
			For 2-1/8" Mesh Fabric, Deduct	-222.46	
32 31	13	13-0301	EA 20' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,123.19	91.68
			For Gate With Single Barb Wire Arm, Add	313.28	
			For Gate With Double Barb Wire Arm, Add	455.68	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-534.00	
			For Aluminized Steel Gate And Post, Add	1,367.03	
			For Powder Coated Gate And Post, Add	740.47	
			For 1" Mesh Fabric, Add	1,238.87	
			For 1-1/4" Mesh Fabric, Add	797.43	
			For 1-3/4" Mesh Fabric, Add	495.55	
			For 2-1/8" Mesh Fabric, Deduct	-247.77	
32 31	13	13-0302	EA 22' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,431.47	99.28
			For Gate With Single Barb Wire Arm, Add	344.67	
			For Gate With Double Barb Wire Arm, Add	501.33	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-587.50	
			For Aluminized Steel Gate And Post, Add	1,504.00	
			For Powder Coated Gate And Post, Add	814.67	
			For 1" Mesh Fabric, Add	1,363.00	
			For 1-1/4" Mesh Fabric, Add	877.33	
			For 1-3/4" Mesh Fabric, Add	545.20	
			For 2-1/8" Mesh Fabric, Deduct	-272.60	
32 31	13	13-0303	EA 24' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	3,738.35	108.34
			For Gate With Single Barb Wire Arm, Add	375.44	
			For Gate With Double Barb Wire Arm, Add	546.10	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-639.96	
			For Aluminized Steel Gate And Post, Add	1,638.29	
			For Powder Coated Gate And Post, Add	887.41	
			For 1" Mesh Fabric, Add	1,484.70	
			For 1-1/4" Mesh Fabric, Add	955.67	
			For 1-3/4" Mesh Fabric, Add	593.88	
			For 2-1/8" Mesh Fabric, Deduct	-296.94	
32 31	13	13-0304	EA 26' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,061.82	119.19
			For Gate With Single Barb Wire Arm, Add	407.45	
			For Gate With Double Barb Wire Arm, Add	592.65	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-694.51	
			For Aluminized Steel Gate And Post, Add	1,777.94	
			For Powder Coated Gate And Post, Add	963.05	
			For 1" Mesh Fabric, Add	1,611.26	
			For 1-1/4" Mesh Fabric, Add	1,037.13	
			For 1-3/4" Mesh Fabric, Add	644.50	
			For 2-1/8" Mesh Fabric, Deduct	-322.25	
32 31	13	13-0305	EA 28' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,383.40	132.38
			For Gate With Single Barb Wire Arm, Add	438.45	
			For Gate With Double Barb Wire Arm, Add	637.74	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-747.35	
			For Aluminized Steel Gate And Post, Add	1,913.22	
			For Powder Coated Gate And Post, Add	1,036.33	
			For 1" Mesh Fabric, Add	1,733.86	
			For 1-1/4" Mesh Fabric, Add	1,116.05	
			For 1-3/4" Mesh Fabric, Add	693.54	
			For 2-1/8" Mesh Fabric, Deduct	-346.77	
32 31	13	13-0306	EA 30' Wide x 5' High Double Gate Galvanized Steel Without Barbed Wire	4,710.78	148.92
			For Gate With Single Barb Wire Arm, Add	468.99	
			For Gate With Double Barb Wire Arm, Add	682.17	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-799.42	
			For Aluminized Steel Gate And Post, Add	2,046.51	
			For Powder Coated Gate And Post, Add	1,108.53	
			For 1" Mesh Fabric, Add	1,854.65	
			For 1-1/4" Mesh Fabric, Add	1,193.80	
			For 1-3/4" Mesh Fabric, Add	741.86	
			For 2-1/8" Mesh Fabric, Deduct	-370.93	

32 31 13 13-0307 6' Fence Height (32 31 13 13-0266)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0308 EA 3' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	460.13	26.64
For Gate With Single Barb Wire Arm, Add	41.80	
For Gate With Double Barb Wire Arm, Add	60.80	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-71.25	
For Aluminized Steel Gate And Post, Add	182.40	
For Powder Coated Gate And Post, Add	98.80	
For 1" Mesh Fabric, Add	165.30	
For 1-1/4" Mesh Fabric, Add	106.40	
For 1-3/4" Mesh Fabric, Add	66.12	
For 2-1/8" Mesh Fabric, Deduct	-33.06	
32 31 13 13-0309 EA 4' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	586.02	26.64
For Gate With Single Barb Wire Arm, Add	55.65	
For Gate With Double Barb Wire Arm, Add	80.94	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-94.86	
For Aluminized Steel Gate And Post, Add	242.83	
For Powder Coated Gate And Post, Add	131.53	
For 1" Mesh Fabric, Add	220.07	
For 1-1/4" Mesh Fabric, Add	141.65	
For 1-3/4" Mesh Fabric, Add	88.03	
For 2-1/8" Mesh Fabric, Deduct	-44.01	
32 31 13 13-0310 EA 5' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	687.25	28.32
For Gate With Single Barb Wire Arm, Add	66.24	
For Gate With Double Barb Wire Arm, Add	96.35	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-112.91	
For Aluminized Steel Gate And Post, Add	289.05	
For Powder Coated Gate And Post, Add	156.57	
For 1" Mesh Fabric, Add	261.95	
For 1-1/4" Mesh Fabric, Add	168.61	
For 1-3/4" Mesh Fabric, Add	104.78	
For 2-1/8" Mesh Fabric, Deduct	-52.39	
32 31 13 13-0311 EA 6' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	797.56	34.21
For Gate With Single Barb Wire Arm, Add	76.42	
For Gate With Double Barb Wire Arm, Add	111.16	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-130.26	
For Aluminized Steel Gate And Post, Add	333.48	
For Powder Coated Gate And Post, Add	180.63	
For 1" Mesh Fabric, Add	302.21	
For 1-1/4" Mesh Fabric, Add	194.53	
For 1-3/4" Mesh Fabric, Add	120.88	
For 2-1/8" Mesh Fabric, Deduct	-60.44	
32 31 13 13-0312 EA 7' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	913.23	40.20
For Gate With Single Barb Wire Arm, Add	87.19	
For Gate With Double Barb Wire Arm, Add	126.83	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-148.62	
For Aluminized Steel Gate And Post, Add	380.48	
For Powder Coated Gate And Post, Add	206.09	
For 1" Mesh Fabric, Add	344.81	
For 1-1/4" Mesh Fabric, Add	221.94	
For 1-3/4" Mesh Fabric, Add	137.92	
For 2-1/8" Mesh Fabric, Deduct	-68.96	
32 31 13 13-0313 EA 8' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,023.31	45.80
For Gate With Single Barb Wire Arm, Add	97.45	
For Gate With Double Barb Wire Arm, Add	141.75	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-166.11	
For Aluminized Steel Gate And Post, Add	425.24	
For Powder Coated Gate And Post, Add	230.34	
For 1" Mesh Fabric, Add	385.37	
For 1-1/4" Mesh Fabric, Add	248.05	
For 1-3/4" Mesh Fabric, Add	154.15	
For 2-1/8" Mesh Fabric, Deduct	-77.07	
32 31 13 13-0314 EA 9' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,134.34	51.69
For Gate With Single Barb Wire Arm, Add	107.71	
For Gate With Double Barb Wire Arm, Add	156.67	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-183.59	
For Aluminized Steel Gate And Post, Add	470.00	
For Powder Coated Gate And Post, Add	254.58	
For 1" Mesh Fabric, Add	425.94	
For 1-1/4" Mesh Fabric, Add	274.17	
For 1-3/4" Mesh Fabric, Add	170.38	
For 2-1/8" Mesh Fabric, Deduct	-85.19	
32 31 13 13-0315 EA 10' Wide x 6' High Single Gate Galvanized Steel Without Barbed Wire	1,203.37	57.58
For Gate With Single Barb Wire Arm, Add	113.35	
For Gate With Double Barb Wire Arm, Add	164.87	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-193.21	
For Aluminized Steel Gate And Post, Add	494.62	
For Powder Coated Gate And Post, Add	267.92	
For 1" Mesh Fabric, Add	448.25	
For 1-1/4" Mesh Fabric, Add	288.53	
For 1-3/4" Mesh Fabric, Add	179.30	
For 2-1/8" Mesh Fabric, Deduct	-89.65	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0316	EA 10' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	1,688.88	57.48
			For Gate With Single Barb Wire Arm, Add	166.79	
			For Gate With Double Barb Wire Arm, Add	242.61	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-284.31	
			For Aluminized Steel Gate And Post, Add	727.83	
			For Powder Coated Gate And Post, Add	394.24	
			For 1" Mesh Fabric, Add	659.59	
			For 1-1/4" Mesh Fabric, Add	424.57	
			For 1-3/4" Mesh Fabric, Add	263.84	
			For 2-1/8" Mesh Fabric, Deduct	-131.92	
32 31	13	13-0317	EA 12' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,005.39	62.26
			For Gate With Single Barb Wire Arm, Add	200.03	
			For Gate With Double Barb Wire Arm, Add	290.95	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-340.96	
			For Aluminized Steel Gate And Post, Add	872.86	
			For Powder Coated Gate And Post, Add	472.80	
			For 1" Mesh Fabric, Add	791.03	
			For 1-1/4" Mesh Fabric, Add	509.17	
			For 1-3/4" Mesh Fabric, Add	316.41	
			For 2-1/8" Mesh Fabric, Deduct	-158.21	
32 31	13	13-0318	EA 14' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,381.74	85.09
			For Gate With Single Barb Wire Arm, Add	233.88	
			For Gate With Double Barb Wire Arm, Add	340.19	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-398.66	
			For Aluminized Steel Gate And Post, Add	1,020.57	
			For Powder Coated Gate And Post, Add	552.81	
			For 1" Mesh Fabric, Add	924.89	
			For 1-1/4" Mesh Fabric, Add	595.33	
			For 1-3/4" Mesh Fabric, Add	369.96	
			For 2-1/8" Mesh Fabric, Deduct	-184.98	
32 31	13	13-0319	EA 16' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	2,703.54	91.68
			For Gate With Single Barb Wire Arm, Add	267.12	
			For Gate With Double Barb Wire Arm, Add	388.53	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-455.31	
			For Aluminized Steel Gate And Post, Add	1,165.60	
			For Powder Coated Gate And Post, Add	631.37	
			For 1" Mesh Fabric, Add	1,056.32	
			For 1-1/4" Mesh Fabric, Add	679.93	
			For 1-3/4" Mesh Fabric, Add	422.53	
			For 2-1/8" Mesh Fabric, Deduct	-211.26	
32 31	13	13-0320	EA 18' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,034.21	99.28
			For Gate With Single Barb Wire Arm, Add	300.97	
			For Gate With Double Barb Wire Arm, Add	437.77	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-513.01	
			For Aluminized Steel Gate And Post, Add	1,313.31	
			For Powder Coated Gate And Post, Add	711.38	
			For 1" Mesh Fabric, Add	1,190.19	
			For 1-1/4" Mesh Fabric, Add	766.10	
			For 1-3/4" Mesh Fabric, Add	476.08	
			For 2-1/8" Mesh Fabric, Deduct	-238.04	
32 31	13	13-0321	EA 20' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,369.06	108.34
			For Gate With Single Barb Wire Arm, Add	334.82	
			For Gate With Double Barb Wire Arm, Add	487.01	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-570.71	
			For Aluminized Steel Gate And Post, Add	1,461.03	
			For Powder Coated Gate And Post, Add	791.39	
			For 1" Mesh Fabric, Add	1,324.06	
			For 1-1/4" Mesh Fabric, Add	852.27	
			For 1-3/4" Mesh Fabric, Add	529.62	
			For 2-1/8" Mesh Fabric, Deduct	-264.81	
32 31	13	13-0322	EA 22' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	3,703.72	119.19
			For Gate With Single Barb Wire Arm, Add	368.05	
			For Gate With Double Barb Wire Arm, Add	535.35	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-627.37	
			For Aluminized Steel Gate And Post, Add	1,606.06	
			For Powder Coated Gate And Post, Add	869.95	
			For 1" Mesh Fabric, Add	1,455.49	
			For 1-1/4" Mesh Fabric, Add	936.87	
			For 1-3/4" Mesh Fabric, Add	582.20	
			For 2-1/8" Mesh Fabric, Deduct	-291.10	
32 31	13	13-0323	EA 24' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,048.41	132.38
			For Gate With Single Barb Wire Arm, Add	401.60	
			For Gate With Double Barb Wire Arm, Add	584.14	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-684.54	
			For Aluminized Steel Gate And Post, Add	1,752.43	
			For Powder Coated Gate And Post, Add	949.23	
			For 1" Mesh Fabric, Add	1,588.14	
			For 1-1/4" Mesh Fabric, Add	1,022.25	
			For 1-3/4" Mesh Fabric, Add	635.25	
			For 2-1/8" Mesh Fabric, Deduct	-317.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0324 EA 26' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,399.69	148.92
For Gate With Single Barb Wire Arm, Add	434.77	
For Gate With Double Barb Wire Arm, Add	632.40	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-741.09	
For Aluminized Steel Gate And Post, Add	1,897.19	
For Powder Coated Gate And Post, Add	1,027.64	
For 1" Mesh Fabric, Add	1,719.33	
For 1-1/4" Mesh Fabric, Add	1,106.69	
For 1-3/4" Mesh Fabric, Add	687.73	
For 2-1/8" Mesh Fabric, Deduct	-343.87	
32 31 13 13-0325 EA 28' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	4,769.08	170.16
For Gate With Single Barb Wire Arm, Add	468.38	
For Gate With Double Barb Wire Arm, Add	681.28	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-798.37	
For Aluminized Steel Gate And Post, Add	2,043.83	
For Powder Coated Gate And Post, Add	1,107.07	
For 1" Mesh Fabric, Add	1,852.22	
For 1-1/4" Mesh Fabric, Add	1,192.23	
For 1-3/4" Mesh Fabric, Add	740.89	
For 2-1/8" Mesh Fabric, Deduct	-370.44	
32 31 13 13-0326 EA 30' Wide x 6' High Double Gate Galvanized Steel Without Barbed Wire	5,160.32	198.56
For Gate With Single Barb Wire Arm, Add	502.04	
For Gate With Double Barb Wire Arm, Add	730.25	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-855.76	
For Aluminized Steel Gate And Post, Add	2,190.74	
For Powder Coated Gate And Post, Add	1,186.65	
For 1" Mesh Fabric, Add	1,985.36	
For 1-1/4" Mesh Fabric, Add	1,277.93	
For 1-3/4" Mesh Fabric, Add	794.14	
For 2-1/8" Mesh Fabric, Deduct	-397.07	
32 31 13 13-0327 7' Fence Height <small>(32 31 13 13-0266)</small>		
32 31 13 13-0328 EA 3' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	482.61	28.70
For Gate With Single Barb Wire Arm, Add	43.60	
For Gate With Double Barb Wire Arm, Add	63.41	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-74.31	
For Aluminized Steel Gate And Post, Add	190.24	
For Powder Coated Gate And Post, Add	103.05	
For 1" Mesh Fabric, Add	172.40	
For 1-1/4" Mesh Fabric, Add	110.97	
For 1-3/4" Mesh Fabric, Add	68.96	
For 2-1/8" Mesh Fabric, Deduct	-34.48	
32 31 13 13-0329 EA 4' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	613.17	28.70
For Gate With Single Barb Wire Arm, Add	57.96	
For Gate With Double Barb Wire Arm, Add	84.30	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-98.79	
For Aluminized Steel Gate And Post, Add	252.91	
For Powder Coated Gate And Post, Add	136.99	
For 1" Mesh Fabric, Add	229.20	
For 1-1/4" Mesh Fabric, Add	147.53	
For 1-3/4" Mesh Fabric, Add	91.68	
For 2-1/8" Mesh Fabric, Deduct	-45.84	
32 31 13 13-0330 EA 5' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	723.31	30.19
For Gate With Single Barb Wire Arm, Add	69.59	
For Gate With Double Barb Wire Arm, Add	101.22	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-118.62	
For Aluminized Steel Gate And Post, Add	303.67	
For Powder Coated Gate And Post, Add	164.49	
For 1" Mesh Fabric, Add	275.20	
For 1-1/4" Mesh Fabric, Add	177.14	
For 1-3/4" Mesh Fabric, Add	110.08	
For 2-1/8" Mesh Fabric, Deduct	-55.04	
32 31 13 13-0331 EA 6' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	886.55	36.74
For Gate With Single Barb Wire Arm, Add	85.39	
For Gate With Double Barb Wire Arm, Add	124.20	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-145.55	
For Aluminized Steel Gate And Post, Add	372.60	
For Powder Coated Gate And Post, Add	201.83	
For 1" Mesh Fabric, Add	337.67	
For 1-1/4" Mesh Fabric, Add	217.35	
For 1-3/4" Mesh Fabric, Add	135.07	
For 2-1/8" Mesh Fabric, Deduct	-67.53	
32 31 13 13-0332 EA 7' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,048.89	43.00
For Gate With Single Barb Wire Arm, Add	101.19	
For Gate With Double Barb Wire Arm, Add	147.18	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-172.48	
For Aluminized Steel Gate And Post, Add	441.55	
For Powder Coated Gate And Post, Add	239.17	
For 1" Mesh Fabric, Add	400.16	
For 1-1/4" Mesh Fabric, Add	257.57	
For 1-3/4" Mesh Fabric, Add	160.06	
For 2-1/8" Mesh Fabric, Deduct	-80.03	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0333	EA 8' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,212.14	49.44
			For Gate With Single Barb Wire Arm, Add	116.99	
			For Gate With Double Barb Wire Arm, Add	170.16	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-199.41	
			For Aluminized Steel Gate And Post, Add	510.49	
			For Powder Coated Gate And Post, Add	276.52	
			For 1" Mesh Fabric, Add	462.63	
			For 1-1/4" Mesh Fabric, Add	297.79	
			For 1-3/4" Mesh Fabric, Add	185.05	
			For 2-1/8" Mesh Fabric, Deduct	-92.53	
32 31	13	13-0334	EA 9' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,374.48	55.71
			For Gate With Single Barb Wire Arm, Add	132.79	
			For Gate With Double Barb Wire Arm, Add	193.15	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-226.34	
			For Aluminized Steel Gate And Post, Add	579.44	
			For Powder Coated Gate And Post, Add	313.86	
			For 1" Mesh Fabric, Add	525.12	
			For 1-1/4" Mesh Fabric, Add	338.01	
			For 1-3/4" Mesh Fabric, Add	210.05	
			For 2-1/8" Mesh Fabric, Deduct	-105.02	
32 31	13	13-0335	EA 10' Wide x 7' High Single Gate Galvanized Steel Without Barbed Wire	1,511.85	62.26
			For Gate With Single Barb Wire Arm, Add	145.74	
			For Gate With Double Barb Wire Arm, Add	211.99	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-248.42	
			For Aluminized Steel Gate And Post, Add	635.96	
			For Powder Coated Gate And Post, Add	344.48	
			For 1" Mesh Fabric, Add	576.34	
			For 1-1/4" Mesh Fabric, Add	370.97	
			For 1-3/4" Mesh Fabric, Add	230.53	
			For 2-1/8" Mesh Fabric, Deduct	-115.27	
32 31	13	13-0336	EA 10' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	1,926.05	62.26
			For Gate With Single Barb Wire Arm, Add	191.30	
			For Gate With Double Barb Wire Arm, Add	278.26	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-326.08	
			For Aluminized Steel Gate And Post, Add	834.77	
			For Powder Coated Gate And Post, Add	452.17	
			For 1" Mesh Fabric, Add	756.51	
			For 1-1/4" Mesh Fabric, Add	486.95	
			For 1-3/4" Mesh Fabric, Add	302.61	
			For 2-1/8" Mesh Fabric, Deduct	-151.30	
32 31	13	13-0337	EA 12' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,189.30	85.09
			For Gate With Single Barb Wire Arm, Add	212.71	
			For Gate With Double Barb Wire Arm, Add	309.40	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-362.58	
			For Aluminized Steel Gate And Post, Add	928.20	
			For Powder Coated Gate And Post, Add	502.78	
			For 1" Mesh Fabric, Add	841.18	
			For 1-1/4" Mesh Fabric, Add	541.45	
			For 1-3/4" Mesh Fabric, Add	336.47	
			For 2-1/8" Mesh Fabric, Deduct	-168.24	
32 31	13	13-0338	EA 14' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,531.25	91.68
			For Gate With Single Barb Wire Arm, Add	248.16	
			For Gate With Double Barb Wire Arm, Add	360.97	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-423.01	
			For Aluminized Steel Gate And Post, Add	1,082.90	
			For Powder Coated Gate And Post, Add	586.57	
			For 1" Mesh Fabric, Add	981.38	
			For 1-1/4" Mesh Fabric, Add	631.69	
			For 1-3/4" Mesh Fabric, Add	392.55	
			For 2-1/8" Mesh Fabric, Deduct	-196.28	
32 31	13	13-0339	EA 16' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	2,849.57	99.28
			For Gate With Single Barb Wire Arm, Add	280.66	
			For Gate With Double Barb Wire Arm, Add	408.23	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-478.39	
			For Aluminized Steel Gate And Post, Add	1,224.69	
			For Powder Coated Gate And Post, Add	663.37	
			For 1" Mesh Fabric, Add	1,109.87	
			For 1-1/4" Mesh Fabric, Add	714.40	
			For 1-3/4" Mesh Fabric, Add	443.95	
			For 2-1/8" Mesh Fabric, Deduct	-221.97	
32 31	13	13-0340	EA 18' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire	3,201.20	108.34
			For Gate With Single Barb Wire Arm, Add	316.35	
			For Gate With Double Barb Wire Arm, Add	460.15	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-539.24	
			For Aluminized Steel Gate And Post, Add	1,380.46	
			For Powder Coated Gate And Post, Add	747.75	
			For 1" Mesh Fabric, Add	1,251.04	
			For 1-1/4" Mesh Fabric, Add	805.27	
			For 1-3/4" Mesh Fabric, Add	500.42	
			For 2-1/8" Mesh Fabric, Deduct	-250.21	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0341	EA	20' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,552.65	119.19
32 31 13	13-0342	EA	22' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,911.33	132.38
32 31 13	13-0343	EA	24' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	4,279.95	148.92
32 31 13	13-0344	EA	26' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	4,662.77	170.16
32 31 13	13-0345	EA	28' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	5,066.88	198.56
32 31 13	13-0346	EA	30' Wide x 7' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	5,505.08	238.25
32 31 13	13-0347		8' Fence Height <small>(32 31 13 13-0266)</small>		
32 31 13	13-0348	EA	3' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	566.80	31.12
32 31 13	13-0349	EA	4' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	724.59	31.12

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0350	EA 5' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	846.48	34.68
			For Gate With Single Barb Wire Arm, Add	81.65	
			For Gate With Double Barb Wire Arm, Add	118.76	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-139.17	
			For Aluminized Steel Gate And Post, Add	356.28	
			For Powder Coated Gate And Post, Add	192.99	
			For 1" Mesh Fabric, Add	322.88	
			For 1-1/4" Mesh Fabric, Add	207.83	
			For 1-3/4" Mesh Fabric, Add	129.15	
			For 2-1/8" Mesh Fabric, Deduct	-64.58	
32 31	13	13-0351	EA 6' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	971.18	39.25
			For Gate With Single Barb Wire Arm, Add	93.88	
			For Gate With Double Barb Wire Arm, Add	136.55	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-160.01	
			For Aluminized Steel Gate And Post, Add	409.64	
			For Powder Coated Gate And Post, Add	221.89	
			For 1" Mesh Fabric, Add	371.23	
			For 1-1/4" Mesh Fabric, Add	238.95	
			For 1-3/4" Mesh Fabric, Add	148.49	
			For 2-1/8" Mesh Fabric, Deduct	-74.25	
32 31	13	13-0352	EA 7' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,106.64	47.29
			For Gate With Single Barb Wire Arm, Add	106.10	
			For Gate With Double Barb Wire Arm, Add	154.33	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-180.86	
			For Aluminized Steel Gate And Post, Add	462.99	
			For Powder Coated Gate And Post, Add	250.79	
			For 1" Mesh Fabric, Add	419.59	
			For 1-1/4" Mesh Fabric, Add	270.08	
			For 1-3/4" Mesh Fabric, Add	167.84	
			For 2-1/8" Mesh Fabric, Deduct	-83.92	
32 31	13	13-0353	EA 8' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,241.18	55.06
			For Gate With Single Barb Wire Arm, Add	118.33	
			For Gate With Double Barb Wire Arm, Add	172.12	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-201.70	
			For Aluminized Steel Gate And Post, Add	516.35	
			For Powder Coated Gate And Post, Add	279.69	
			For 1" Mesh Fabric, Add	467.94	
			For 1-1/4" Mesh Fabric, Add	301.20	
			For 1-3/4" Mesh Fabric, Add	187.18	
			For 2-1/8" Mesh Fabric, Deduct	-93.59	
32 31	13	13-0354	EA 9' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,376.64	63.19
			For Gate With Single Barb Wire Arm, Add	130.56	
			For Gate With Double Barb Wire Arm, Add	189.90	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-222.54	
			For Aluminized Steel Gate And Post, Add	569.71	
			For Powder Coated Gate And Post, Add	308.59	
			For 1" Mesh Fabric, Add	516.30	
			For 1-1/4" Mesh Fabric, Add	332.33	
			For 1-3/4" Mesh Fabric, Add	206.52	
			For 2-1/8" Mesh Fabric, Deduct	-103.26	
32 31	13	13-0355	EA 10' Wide x 8' High Single Gate Galvanized Steel Without Barbed Wire	1,512.09	71.32
			For Gate With Single Barb Wire Arm, Add	142.79	
			For Gate With Double Barb Wire Arm, Add	207.69	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-243.38	
			For Aluminized Steel Gate And Post, Add	623.06	
			For Powder Coated Gate And Post, Add	337.49	
			For 1" Mesh Fabric, Add	564.65	
			For 1-1/4" Mesh Fabric, Add	363.45	
			For 1-3/4" Mesh Fabric, Add	225.86	
			For 2-1/8" Mesh Fabric, Deduct	-112.93	
32 31	13	13-0356	EA 10' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,202.65	85.09
			For Gate With Single Barb Wire Arm, Add	214.18	
			For Gate With Double Barb Wire Arm, Add	311.54	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-365.08	
			For Aluminized Steel Gate And Post, Add	934.61	
			For Powder Coated Gate And Post, Add	506.25	
			For 1" Mesh Fabric, Add	846.99	
			For 1-1/4" Mesh Fabric, Add	545.19	
			For 1-3/4" Mesh Fabric, Add	338.80	
			For 2-1/8" Mesh Fabric, Deduct	-169.40	
32 31	13	13-0357	EA 12' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	2,597.23	91.68
			For Gate With Single Barb Wire Arm, Add	255.42	
			For Gate With Double Barb Wire Arm, Add	371.52	
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-435.38	
			For Aluminized Steel Gate And Post, Add	1,114.57	
			For Powder Coated Gate And Post, Add	603.73	
			For 1" Mesh Fabric, Add	1,010.08	
			For 1-1/4" Mesh Fabric, Add	650.17	
			For 1-3/4" Mesh Fabric, Add	404.03	
			For 2-1/8" Mesh Fabric, Deduct	-202.02	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0358	EA 14' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,000.64 297.28 432.40 -506.72 1,297.20 702.65 1,175.59 756.70 470.24 -235.12	99.28
32 31	13	13-0359	EA 16' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,419.42 340.36 495.07 -580.16 1,485.20 804.48 1,345.96 866.37 538.39 -269.19	108.34
32 31	13	13-0360	EA 18' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	3,843.60 383.44 557.73 -653.59 1,673.20 906.32 1,516.34 976.03 606.53 -303.27	119.19
32 31	13	13-0361	EA 20' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	4,269.43 425.91 619.51 -725.98 1,858.52 1,006.70 1,684.28 1,084.13 673.71 -336.86	132.38
32 31	13	13-0362	EA 22' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	4,699.59 467.76 680.38 -797.32 2,041.14 1,105.62 1,849.79 1,190.67 739.91 -369.96	148.92
32 31	13	13-0363	EA 24' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	5,155.15 510.85 743.05 -870.76 2,229.14 1,207.45 2,020.16 1,300.33 808.06 -404.03	170.16
32 31	13	13-0364	EA 26' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	5,632.00 553.93 805.72 -944.20 2,417.15 1,309.29 2,190.54 1,410.00 876.22 -438.11	198.56
32 31	13	13-0365	EA 28' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	6,137.34 596.40 867.49 -1,016.59 2,602.46 1,409.67 2,358.48 1,518.10 943.39 -471.70	238.25

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0366	EA	30' Wide x 8' High Double Gate Galvanized Steel Without Barbed Wire	6,702.29	297.84
			<i>For Gate With Single Barb Wire Arm, Add</i>	638.86	
			<i>For Gate With Double Barb Wire Arm, Add</i>	929.26	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-1,088.97	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,787.77	
			<i>For Powder Coated Gate And Post, Add</i>	1,510.04	
			<i>For 1" Mesh Fabric, Add</i>	2,526.42	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,626.20	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,010.57	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-505.28	
32 31 13	13-0367		10' Fence Height <small>(32 31 13 13-0266)</small>		
32 31 13	13-0368	EA	3' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	715.93	34.58
			<i>For Gate With Single Barb Wire Arm, Add</i>	67.33	
			<i>For Gate With Double Barb Wire Arm, Add</i>	97.93	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-114.77	
			<i>For Aluminized Steel Gate And Post, Add</i>	293.80	
			<i>For Powder Coated Gate And Post, Add</i>	159.14	
			<i>For 1" Mesh Fabric, Add</i>	266.25	
			<i>For 1-1/4" Mesh Fabric, Add</i>	171.38	
			<i>For 1-3/4" Mesh Fabric, Add</i>	106.50	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-53.25	
32 31 13	13-0369	EA	4' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	919.96	34.58
			<i>For Gate With Single Barb Wire Arm, Add</i>	89.77	
			<i>For Gate With Double Barb Wire Arm, Add</i>	130.58	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-153.02	
			<i>For Aluminized Steel Gate And Post, Add</i>	391.73	
			<i>For Powder Coated Gate And Post, Add</i>	212.19	
			<i>For 1" Mesh Fabric, Add</i>	355.01	
			<i>For 1-1/4" Mesh Fabric, Add</i>	228.51	
			<i>For 1-3/4" Mesh Fabric, Add</i>	142.00	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-71.00	
32 31 13	13-0370	EA	5' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,068.28	36.08
			<i>For Gate With Single Barb Wire Arm, Add</i>	105.58	
			<i>For Gate With Double Barb Wire Arm, Add</i>	153.58	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-179.97	
			<i>For Aluminized Steel Gate And Post, Add</i>	460.73	
			<i>For Powder Coated Gate And Post, Add</i>	249.56	
			<i>For 1" Mesh Fabric, Add</i>	417.54	
			<i>For 1-1/4" Mesh Fabric, Add</i>	268.76	
			<i>For 1-3/4" Mesh Fabric, Add</i>	167.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-83.51	
32 31 13	13-0371	EA	6' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,238.20	44.87
			<i>For Gate With Single Barb Wire Arm, Add</i>	121.40	
			<i>For Gate With Double Barb Wire Arm, Add</i>	176.58	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-206.93	
			<i>For Aluminized Steel Gate And Post, Add</i>	529.73	
			<i>For Powder Coated Gate And Post, Add</i>	286.94	
			<i>For 1" Mesh Fabric, Add</i>	480.07	
			<i>For 1-1/4" Mesh Fabric, Add</i>	309.01	
			<i>For 1-3/4" Mesh Fabric, Add</i>	192.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-96.01	
32 31 13	13-0372	EA	7' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,407.55	53.18
			<i>For Gate With Single Barb Wire Arm, Add</i>	137.21	
			<i>For Gate With Double Barb Wire Arm, Add</i>	199.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-233.87	
			<i>For Aluminized Steel Gate And Post, Add</i>	598.71	
			<i>For Powder Coated Gate And Post, Add</i>	324.30	
			<i>For 1" Mesh Fabric, Add</i>	542.58	
			<i>For 1-1/4" Mesh Fabric, Add</i>	349.25	
			<i>For 1-3/4" Mesh Fabric, Add</i>	217.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-108.52	
32 31 13	13-0373	EA	8' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,576.07	61.97
			<i>For Gate With Single Barb Wire Arm, Add</i>	153.02	
			<i>For Gate With Double Barb Wire Arm, Add</i>	222.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-260.83	
			<i>For Aluminized Steel Gate And Post, Add</i>	667.71	
			<i>For Powder Coated Gate And Post, Add</i>	361.68	
			<i>For 1" Mesh Fabric, Add</i>	605.12	
			<i>For 1-1/4" Mesh Fabric, Add</i>	389.50	
			<i>For 1-3/4" Mesh Fabric, Add</i>	242.05	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-121.02	
32 31 13	13-0374	EA	9' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,746.06	70.39
			<i>For Gate With Single Barb Wire Arm, Add</i>	168.83	
			<i>For Gate With Double Barb Wire Arm, Add</i>	245.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-287.78	
			<i>For Aluminized Steel Gate And Post, Add</i>	736.71	
			<i>For Powder Coated Gate And Post, Add</i>	399.05	
			<i>For 1" Mesh Fabric, Add</i>	667.65	
			<i>For 1-1/4" Mesh Fabric, Add</i>	429.75	
			<i>For 1-3/4" Mesh Fabric, Add</i>	267.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-133.53	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0375	EA	10' Wide x 10' High Single Gate Galvanized Steel Without Barbed Wire	1,915.99	79.08
			<i>For Gate With Single Barb Wire Arm, Add</i>	184.64	
			<i>For Gate With Double Barb Wire Arm, Add</i>	268.57	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-314.73	
			<i>For Aluminized Steel Gate And Post, Add</i>	805.71	
			<i>For Powder Coated Gate And Post, Add</i>	436.43	
			<i>For 1" Mesh Fabric, Add</i>	730.18	
			<i>For 1-1/4" Mesh Fabric, Add</i>	470.00	
			<i>For 1-3/4" Mesh Fabric, Add</i>	292.07	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-146.04	
32 31 13	13-0376	EA	10' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	2,801.78	94.59
			<i>For Gate With Single Barb Wire Arm, Add</i>	276.96	
			<i>For Gate With Double Barb Wire Arm, Add</i>	402.85	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-472.10	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,208.56	
			<i>For Powder Coated Gate And Post, Add</i>	654.64	
			<i>For 1" Mesh Fabric, Add</i>	1,095.26	
			<i>For 1-1/4" Mesh Fabric, Add</i>	705.00	
			<i>For 1-3/4" Mesh Fabric, Add</i>	438.10	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-219.05	
32 31 13	13-0377	EA	12' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,047.39	101.74
			<i>For Gate With Single Barb Wire Arm, Add</i>	301.59	
			<i>For Gate With Double Barb Wire Arm, Add</i>	438.67	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-514.07	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,316.02	
			<i>For Powder Coated Gate And Post, Add</i>	712.84	
			<i>For 1" Mesh Fabric, Add</i>	1,192.64	
			<i>For 1-1/4" Mesh Fabric, Add</i>	767.68	
			<i>For 1-3/4" Mesh Fabric, Add</i>	477.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-238.53	
32 31 13	13-0378	EA	14' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,475.79	110.35
			<i>For Gate With Single Barb Wire Arm, Add</i>	345.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	503.12	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-589.60	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,509.37	
			<i>For Powder Coated Gate And Post, Add</i>	817.58	
			<i>For 1" Mesh Fabric, Add</i>	1,367.87	
			<i>For 1-1/4" Mesh Fabric, Add</i>	880.47	
			<i>For 1-3/4" Mesh Fabric, Add</i>	547.15	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-273.57	
32 31 13	13-0379	EA	16' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	3,953.38	120.30
			<i>For Gate With Single Barb Wire Arm, Add</i>	395.14	
			<i>For Gate With Double Barb Wire Arm, Add</i>	574.74	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-673.53	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,724.23	
			<i>For Powder Coated Gate And Post, Add</i>	933.96	
			<i>For 1" Mesh Fabric, Add</i>	1,562.58	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,005.80	
			<i>For 1-3/4" Mesh Fabric, Add</i>	625.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-312.52	
32 31 13	13-0380	EA	18' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,437.28	132.38
			<i>For Gate With Single Barb Wire Arm, Add</i>	444.37	
			<i>For Gate With Double Barb Wire Arm, Add</i>	646.36	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-757.46	
			<i>For Aluminized Steel Gate And Post, Add</i>	1,939.08	
			<i>For Powder Coated Gate And Post, Add</i>	1,050.34	
			<i>For 1" Mesh Fabric, Add</i>	1,757.30	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,131.13	
			<i>For 1-3/4" Mesh Fabric, Add</i>	702.92	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-351.46	
32 31 13	13-0381	EA	20' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	4,931.66	147.02
			<i>For Gate With Single Barb Wire Arm, Add</i>	493.92	
			<i>For Gate With Double Barb Wire Arm, Add</i>	718.43	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-841.91	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,155.29	
			<i>For Powder Coated Gate And Post, Add</i>	1,167.45	
			<i>For 1" Mesh Fabric, Add</i>	1,953.23	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,257.25	
			<i>For 1-3/4" Mesh Fabric, Add</i>	781.29	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-390.65	
32 31 13	13-0382	EA	22' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire	5,431.51	165.47
			<i>For Gate With Single Barb Wire Arm, Add</i>	543.47	
			<i>For Gate With Double Barb Wire Arm, Add</i>	790.50	
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-926.36	
			<i>For Aluminized Steel Gate And Post, Add</i>	2,371.49	
			<i>For Powder Coated Gate And Post, Add</i>	1,284.56	
			<i>For 1" Mesh Fabric, Add</i>	2,149.16	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,383.37	
			<i>For 1-3/4" Mesh Fabric, Add</i>	859.66	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-429.83	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0383	EA	24' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	5,955.75 592.70 862.12 -1,010.29 2,586.35 1,400.94 2,343.88 1,508.70 937.55 -468.78	188.95
32 31 13	13-0384	EA	26' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	6,498.38 641.94 933.73 -1,094.22 2,801.20 1,517.32 2,538.59 1,634.04 1,015.44 -507.72	220.59
32 31 13	13-0385	EA	28' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	7,077.79 691.18 1,005.35 -1,178.15 3,016.06 1,633.70 2,733.30 1,759.37 1,093.32 -546.66	264.53
32 31 13	13-0386	EA	30' Wide x 10' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	7,730.48 741.03 1,077.87 -1,263.13 3,233.60 1,751.53 2,930.45 1,886.27 1,172.18 -586.09	330.94
32 31 13	13-0387		12' Fence Height <small>(32 31 13 13-0266)</small>		
32 31 13	13-0388	EA	3' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	898.87 86.18 125.36 -146.90 376.07 203.70 340.81 219.37 136.32 -68.16	38.42
32 31 13	13-0389	EA	4' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,160.01 114.91 167.14 -195.86 501.41 271.60 454.41 292.49 181.76 -90.88	38.42
32 31 13	13-0390	EA	5' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,348.26 135.15 196.58 -230.37 589.74 319.44 534.45 344.01 213.78 -106.89	39.82
32 31 13	13-0391	EA	6' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	1,561.23 155.39 226.02 -264.86 678.05 367.28 614.49 395.53 245.79 -122.90	49.44

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0392 EA 7' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	648.86	59.17
For Gate With Single Barb Wire Arm, Add	51.84	
For Gate With Double Barb Wire Arm, Add	75.40	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-88.36	
For Aluminized Steel Gate And Post, Add	226.20	
For Powder Coated Gate And Post, Add	122.53	
For 1" Mesh Fabric, Add	205.00	
For 1-1/4" Mesh Fabric, Add	131.95	
For 1-3/4" Mesh Fabric, Add	82.00	
For 2-1/8" Mesh Fabric, Deduct	-41.00	
32 31 13 13-0393 EA 8' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	731.21	68.52
For Gate With Single Barb Wire Arm, Add	57.81	
For Gate With Double Barb Wire Arm, Add	84.09	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-98.54	
For Aluminized Steel Gate And Post, Add	252.27	
For Powder Coated Gate And Post, Add	136.65	
For 1" Mesh Fabric, Add	228.62	
For 1-1/4" Mesh Fabric, Add	147.16	
For 1-3/4" Mesh Fabric, Add	91.45	
For 2-1/8" Mesh Fabric, Deduct	-45.72	
32 31 13 13-0394 EA 9' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	814.50	78.14
For Gate With Single Barb Wire Arm, Add	63.79	
For Gate With Double Barb Wire Arm, Add	92.78	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-108.73	
For Aluminized Steel Gate And Post, Add	278.34	
For Powder Coated Gate And Post, Add	150.77	
For 1" Mesh Fabric, Add	252.25	
For 1-1/4" Mesh Fabric, Add	162.37	
For 1-3/4" Mesh Fabric, Add	100.90	
For 2-1/8" Mesh Fabric, Deduct	-50.45	
32 31 13 13-0395 EA 10' Wide x 12' High Single Gate Galvanized Steel Without Barbed Wire	897.79	87.76
For Gate With Single Barb Wire Arm, Add	69.76	
For Gate With Double Barb Wire Arm, Add	101.47	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-118.91	
For Aluminized Steel Gate And Post, Add	304.41	
For Powder Coated Gate And Post, Add	164.89	
For 1" Mesh Fabric, Add	275.87	
For 1-1/4" Mesh Fabric, Add	177.57	
For 1-3/4" Mesh Fabric, Add	110.35	
For 2-1/8" Mesh Fabric, Deduct	-55.17	
32 31 13 13-0396 EA 10' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,199.07	105.10
For Gate With Single Barb Wire Arm, Add	97.19	
For Gate With Double Barb Wire Arm, Add	141.37	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-165.67	
For Aluminized Steel Gate And Post, Add	424.12	
For Powder Coated Gate And Post, Add	229.73	
For 1" Mesh Fabric, Add	384.36	
For 1-1/4" Mesh Fabric, Add	247.40	
For 1-3/4" Mesh Fabric, Add	153.74	
For 2-1/8" Mesh Fabric, Deduct	-76.87	
32 31 13 13-0397 EA 12' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,310.69	113.15
For Gate With Single Barb Wire Arm, Add	106.82	
For Gate With Double Barb Wire Arm, Add	155.38	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-182.09	
For Aluminized Steel Gate And Post, Add	466.14	
For Powder Coated Gate And Post, Add	252.49	
For 1" Mesh Fabric, Add	422.44	
For 1-1/4" Mesh Fabric, Add	271.91	
For 1-3/4" Mesh Fabric, Add	168.97	
For 2-1/8" Mesh Fabric, Deduct	-84.49	
32 31 13 13-0398 EA 14' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,481.23	122.54
For Gate With Single Barb Wire Arm, Add	122.45	
For Gate With Double Barb Wire Arm, Add	178.10	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-208.72	
For Aluminized Steel Gate And Post, Add	534.31	
For Powder Coated Gate And Post, Add	289.42	
For 1" Mesh Fabric, Add	484.22	
For 1-1/4" Mesh Fabric, Add	311.68	
For 1-3/4" Mesh Fabric, Add	193.69	
For 2-1/8" Mesh Fabric, Deduct	-96.84	
32 31 13 13-0399 EA 16' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire	1,673.15	133.61
For Gate With Single Barb Wire Arm, Add	139.89	
For Gate With Double Barb Wire Arm, Add	203.47	
For 1-5/8" Schedule 40 Pipe Frame, Deduct	-238.44	
For Aluminized Steel Gate And Post, Add	610.42	
For Powder Coated Gate And Post, Add	330.64	
For 1" Mesh Fabric, Add	553.19	
For 1-1/4" Mesh Fabric, Add	356.08	
For 1-3/4" Mesh Fabric, Add	221.28	
For 2-1/8" Mesh Fabric, Deduct	-110.64	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0400	EA 18' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	5,286.96 533.00 775.28 -908.53 2,325.83 1,259.82 2,107.78 1,356.73 843.11 -421.56	147.14
32 31	13	13-0401	EA 20' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	5,878.58 592.70 862.12 -1,010.29 2,586.35 1,400.94 2,343.88 1,508.70 937.55 -468.78	163.35
32 31	13	13-0402	EA 22' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	6,477.47 651.79 948.06 -1,111.01 2,844.17 1,540.59 2,577.53 1,659.10 1,031.01 -515.51	183.81
32 31	13	13-0403	EA 24' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	7,098.69 711.49 1,034.90 -1,212.77 3,104.69 1,681.71 2,813.62 1,811.07 1,125.45 -562.72	209.97
32 31	13	13-0404	EA 26' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	7,735.81 769.96 1,119.94 -1,312.43 3,359.83 1,819.91 3,044.85 1,959.90 1,217.94 -608.97	245.19
32 31	13	13-0405	EA 28' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	8,419.39 829.05 1,205.89 -1,413.15 3,617.66 1,959.57 3,278.50 2,110.30 1,311.40 -655.70	293.93
32 31	13	13-0406	EA 30' Wide x 12' High Double Gate Galvanized Steel Without Barbed Wire <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i> <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For Aluminized Steel Gate And Post, Add</i> <i>For Powder Coated Gate And Post, Add</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i>	9,183.76 888.75 1,292.72 -1,514.91 3,878.17 2,100.68 3,514.60 2,262.27 1,405.84 -702.92	367.72
32 31	13	13-0407	Vinyl Coated Without Barb Wire Arm (32 31 13 13-0265) Note: Industrial swing gate. Includes posts (3" diameter posts for up to 6' wide gate, 4" diameter to 13' wide, 6-5/8" diameter for 18' wide, 8-5/8" diameter for over 18' wide), 2" diameter schedule pipe frame, offset hinges, cap and hardware (drop rod, center locking device, gate keeper, catch bolt and tension bands). Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating.		
32 31	13	13-0408	4' Fence Height (32 31 13 13-0407)		
32 31	13	13-0409	EA 3' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	180.31 -20.66 47.94 30.86 19.18 -9.59 12.12 17.63	23.37

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0410	EA 4' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	217.04	23.37
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-27.55	
			For 1" Mesh Fabric, Add	63.92	
			For 1-1/4" Mesh Fabric, Add	41.14	
			For 1-3/4" Mesh Fabric, Add	25.57	
			For 2-1/8" Mesh Fabric, Deduct	-12.78	
			For Gate With Single Barb Wire Arm, Add	16.16	
			For Gate With Double Barb Wire Arm, Add	23.51	
32 31	13	13-0411	EA 5' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	252.34	24.86
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-33.29	
			For 1" Mesh Fabric, Add	77.24	
			For 1-1/4" Mesh Fabric, Add	49.72	
			For 1-3/4" Mesh Fabric, Add	30.90	
			For 2-1/8" Mesh Fabric, Deduct	-15.45	
			For Gate With Single Barb Wire Arm, Add	19.53	
			For Gate With Double Barb Wire Arm, Add	28.41	
32 31	13	13-0412	EA 6' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	297.90	29.91
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-39.03	
			For 1" Mesh Fabric, Add	90.55	
			For 1-1/4" Mesh Fabric, Add	58.29	
			For 1-3/4" Mesh Fabric, Add	36.22	
			For 2-1/8" Mesh Fabric, Deduct	-18.11	
			For Gate With Single Barb Wire Arm, Add	22.90	
			For Gate With Double Barb Wire Arm, Add	33.31	
32 31	13	13-0413	EA 7' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	343.46	34.87
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-44.77	
			For 1" Mesh Fabric, Add	103.86	
			For 1-1/4" Mesh Fabric, Add	66.86	
			For 1-3/4" Mesh Fabric, Add	41.55	
			For 2-1/8" Mesh Fabric, Deduct	-20.77	
			For Gate With Single Barb Wire Arm, Add	26.26	
			For Gate With Double Barb Wire Arm, Add	38.20	
32 31	13	13-0414	EA 8' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	389.04	39.82
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-50.51	
			For 1" Mesh Fabric, Add	117.19	
			For 1-1/4" Mesh Fabric, Add	75.43	
			For 1-3/4" Mesh Fabric, Add	46.88	
			For 2-1/8" Mesh Fabric, Deduct	-23.44	
			For Gate With Single Barb Wire Arm, Add	29.63	
			For Gate With Double Barb Wire Arm, Add	43.10	
32 31	13	13-0415	EA 9' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	434.61	44.87
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-56.25	
			For 1" Mesh Fabric, Add	130.50	
			For 1-1/4" Mesh Fabric, Add	84.00	
			For 1-3/4" Mesh Fabric, Add	52.20	
			For 2-1/8" Mesh Fabric, Deduct	-26.10	
			For Gate With Single Barb Wire Arm, Add	33.00	
			For Gate With Double Barb Wire Arm, Add	48.00	
32 31	13	13-0416	EA 10' Wide x 4' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	480.16	49.82
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-61.99	
			For 1" Mesh Fabric, Add	143.82	
			For 1-1/4" Mesh Fabric, Add	92.57	
			For 1-3/4" Mesh Fabric, Add	57.53	
			For 2-1/8" Mesh Fabric, Deduct	-28.76	
			For Gate With Single Barb Wire Arm, Add	36.37	
			For Gate With Double Barb Wire Arm, Add	52.90	
32 31	13	13-0417	EA 10' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	590.37	49.82
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-82.65	
			For 1" Mesh Fabric, Add	191.76	
			For 1-1/4" Mesh Fabric, Add	123.43	
			For 1-3/4" Mesh Fabric, Add	76.70	
			For 2-1/8" Mesh Fabric, Deduct	-38.35	
			For Gate With Single Barb Wire Arm, Add	48.49	
			For Gate With Double Barb Wire Arm, Add	70.53	
32 31	13	13-0418	EA 12' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	689.22	53.37
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-99.19	
			For 1" Mesh Fabric, Add	230.11	
			For 1-1/4" Mesh Fabric, Add	148.12	
			For 1-3/4" Mesh Fabric, Add	92.04	
			For 2-1/8" Mesh Fabric, Deduct	-46.02	
			For Gate With Single Barb Wire Arm, Add	58.19	
			For Gate With Double Barb Wire Arm, Add	84.64	
32 31	13	13-0419	EA 14' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	789.72	57.48
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-115.72	
			For 1" Mesh Fabric, Add	268.46	
			For 1-1/4" Mesh Fabric, Add	172.80	
			For 1-3/4" Mesh Fabric, Add	107.38	
			For 2-1/8" Mesh Fabric, Deduct	-53.69	
			For Gate With Single Barb Wire Arm, Add	67.89	
			For Gate With Double Barb Wire Arm, Add	98.74	
32 31	13	13-0420	EA 16' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	892.26	62.26
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-132.25	
			For 1" Mesh Fabric, Add	306.81	
			For 1-1/4" Mesh Fabric, Add	197.49	
			For 1-3/4" Mesh Fabric, Add	122.73	
			For 2-1/8" Mesh Fabric, Deduct	-61.36	
			For Gate With Single Barb Wire Arm, Add	77.59	
			For Gate With Double Barb Wire Arm, Add	112.85	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0421	EA	18' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,032.00	79.38
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-148.78	
			<i>For 1" Mesh Fabric, Add</i>	345.16	
			<i>For 1-1/4" Mesh Fabric, Add</i>	222.17	
			<i>For 1-3/4" Mesh Fabric, Add</i>	138.07	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-69.03	
			<i>For Gate With Single Barb Wire Arm, Add</i>	87.28	
			<i>For Gate With Double Barb Wire Arm, Add</i>	126.96	
32 31 13	13-0422	EA	20' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,137.19	85.09
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-165.31	
			<i>For 1" Mesh Fabric, Add</i>	383.51	
			<i>For 1-1/4" Mesh Fabric, Add</i>	246.86	
			<i>For 1-3/4" Mesh Fabric, Add</i>	153.41	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-76.70	
			<i>For Gate With Single Barb Wire Arm, Add</i>	96.98	
			<i>For Gate With Double Barb Wire Arm, Add</i>	141.06	
32 31 13	13-0423	EA	22' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,245.02	91.68
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-181.84	
			<i>For 1" Mesh Fabric, Add</i>	421.87	
			<i>For 1-1/4" Mesh Fabric, Add</i>	271.55	
			<i>For 1-3/4" Mesh Fabric, Add</i>	168.75	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-84.37	
			<i>For Gate With Single Barb Wire Arm, Add</i>	106.68	
			<i>For Gate With Double Barb Wire Arm, Add</i>	155.17	
32 31 13	13-0424	EA	24' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,356.11	99.28
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-198.37	
			<i>For 1" Mesh Fabric, Add</i>	460.22	
			<i>For 1-1/4" Mesh Fabric, Add</i>	296.23	
			<i>For 1-3/4" Mesh Fabric, Add</i>	184.09	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-92.04	
			<i>For Gate With Single Barb Wire Arm, Add</i>	116.38	
			<i>For Gate With Double Barb Wire Arm, Add</i>	169.28	
32 31 13	13-0425	EA	26' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,471.39	108.34
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-214.90	
			<i>For 1" Mesh Fabric, Add</i>	498.57	
			<i>For 1-1/4" Mesh Fabric, Add</i>	320.92	
			<i>For 1-3/4" Mesh Fabric, Add</i>	199.43	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-99.71	
			<i>For Gate With Single Barb Wire Arm, Add</i>	126.08	
			<i>For Gate With Double Barb Wire Arm, Add</i>	183.38	
32 31 13	13-0426	EA	28' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,592.07	119.19
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-231.43	
			<i>For 1" Mesh Fabric, Add</i>	536.92	
			<i>For 1-1/4" Mesh Fabric, Add</i>	345.60	
			<i>For 1-3/4" Mesh Fabric, Add</i>	214.77	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-107.38	
			<i>For Gate With Single Barb Wire Arm, Add</i>	135.77	
			<i>For Gate With Double Barb Wire Arm, Add</i>	197.49	
32 31 13	13-0427	EA	30' Wide x 4' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,719.99	132.38
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-247.96	
			<i>For 1" Mesh Fabric, Add</i>	575.27	
			<i>For 1-1/4" Mesh Fabric, Add</i>	370.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	230.11	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-115.05	
			<i>For Gate With Single Barb Wire Arm, Add</i>	145.47	
			<i>For Gate With Double Barb Wire Arm, Add</i>	211.60	
32 31 13	13-0428		5' Fence Height <small>(32 31 13 13-0407)</small>		
32 31 13	13-0429	EA	3' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	211.34	24.86
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-25.61	
			<i>For 1" Mesh Fabric, Add</i>	59.40	
			<i>For 1-1/4" Mesh Fabric, Add</i>	38.24	
			<i>For 1-3/4" Mesh Fabric, Add</i>	23.76	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-11.88	
			<i>For Gate With Single Barb Wire Arm, Add</i>	15.02	
			<i>For Gate With Double Barb Wire Arm, Add</i>	21.85	
32 31 13	13-0430	EA	4' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	256.86	24.86
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-34.14	
			<i>For 1" Mesh Fabric, Add</i>	79.20	
			<i>For 1-1/4" Mesh Fabric, Add</i>	50.98	
			<i>For 1-3/4" Mesh Fabric, Add</i>	31.68	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-15.84	
			<i>For Gate With Single Barb Wire Arm, Add</i>	20.03	
			<i>For Gate With Double Barb Wire Arm, Add</i>	29.13	
32 31 13	13-0431	EA	5' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm	295.68	26.45
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-40.54	
			<i>For 1" Mesh Fabric, Add</i>	94.06	
			<i>For 1-1/4" Mesh Fabric, Add</i>	60.54	
			<i>For 1-3/4" Mesh Fabric, Add</i>	37.62	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-18.81	
			<i>For Gate With Single Barb Wire Arm, Add</i>	23.79	
			<i>For Gate With Double Barb Wire Arm, Add</i>	34.60	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0432	EA 6' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	345.70	31.78
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-46.94	
			For 1" Mesh Fabric, Add	108.91	
			For 1-1/4" Mesh Fabric, Add	70.10	
			For 1-3/4" Mesh Fabric, Add	43.56	
			For 2-1/8" Mesh Fabric, Deduct	-21.78	
			For Gate With Single Barb Wire Arm, Add	27.54	
			For Gate With Double Barb Wire Arm, Add	40.06	
32 31	13	13-0433	EA 7' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	395.74	37.01
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-53.35	
			For 1" Mesh Fabric, Add	123.76	
			For 1-1/4" Mesh Fabric, Add	79.66	
			For 1-3/4" Mesh Fabric, Add	49.50	
			For 2-1/8" Mesh Fabric, Deduct	-24.75	
			For Gate With Single Barb Wire Arm, Add	31.30	
			For Gate With Double Barb Wire Arm, Add	45.52	
32 31	13	13-0434	EA 8' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	446.69	42.62
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-59.75	
			For 1" Mesh Fabric, Add	138.61	
			For 1-1/4" Mesh Fabric, Add	89.22	
			For 1-3/4" Mesh Fabric, Add	55.44	
			For 2-1/8" Mesh Fabric, Deduct	-27.72	
			For Gate With Single Barb Wire Arm, Add	35.05	
			For Gate With Double Barb Wire Arm, Add	50.98	
32 31	13	13-0435	EA 9' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	496.73	47.95
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-66.15	
			For 1" Mesh Fabric, Add	153.46	
			For 1-1/4" Mesh Fabric, Add	98.78	
			For 1-3/4" Mesh Fabric, Add	61.39	
			For 2-1/8" Mesh Fabric, Deduct	-30.69	
			For Gate With Single Barb Wire Arm, Add	38.81	
			For Gate With Double Barb Wire Arm, Add	56.45	
32 31	13	13-0436	EA 10' Wide x 5' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	546.76	53.18
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-72.55	
			For 1" Mesh Fabric, Add	168.31	
			For 1-1/4" Mesh Fabric, Add	108.34	
			For 1-3/4" Mesh Fabric, Add	67.32	
			For 2-1/8" Mesh Fabric, Deduct	-33.66	
			For Gate With Single Barb Wire Arm, Add	42.56	
			For Gate With Double Barb Wire Arm, Add	61.91	
32 31	13	13-0437	EA 10' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	706.47	53.37
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-102.42	
			For 1" Mesh Fabric, Add	237.61	
			For 1-1/4" Mesh Fabric, Add	152.95	
			For 1-3/4" Mesh Fabric, Add	95.05	
			For 2-1/8" Mesh Fabric, Deduct	-47.52	
			For Gate With Single Barb Wire Arm, Add	60.09	
			For Gate With Double Barb Wire Arm, Add	87.40	
32 31	13	13-0438	EA 12' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	828.06	57.48
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-122.90	
			For 1" Mesh Fabric, Add	285.14	
			For 1-1/4" Mesh Fabric, Add	183.54	
			For 1-3/4" Mesh Fabric, Add	114.06	
			For 2-1/8" Mesh Fabric, Deduct	-57.03	
			For Gate With Single Barb Wire Arm, Add	72.10	
			For Gate With Double Barb Wire Arm, Add	104.88	
32 31	13	13-0439	EA 14' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	951.67	62.26
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-143.39	
			For 1" Mesh Fabric, Add	332.66	
			For 1-1/4" Mesh Fabric, Add	214.12	
			For 1-3/4" Mesh Fabric, Add	133.06	
			For 2-1/8" Mesh Fabric, Deduct	-66.53	
			For Gate With Single Barb Wire Arm, Add	84.12	
			For Gate With Double Barb Wire Arm, Add	122.36	
32 31	13	13-0440	EA 16' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,112.50	79.38
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-163.87	
			For 1" Mesh Fabric, Add	380.18	
			For 1-1/4" Mesh Fabric, Add	244.71	
			For 1-3/4" Mesh Fabric, Add	152.07	
			For 2-1/8" Mesh Fabric, Deduct	-76.04	
			For Gate With Single Barb Wire Arm, Add	96.14	
			For Gate With Double Barb Wire Arm, Add	139.84	
32 31	13	13-0441	EA 18' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,238.78	85.09
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-184.36	
			For 1" Mesh Fabric, Add	427.71	
			For 1-1/4" Mesh Fabric, Add	275.30	
			For 1-3/4" Mesh Fabric, Add	171.08	
			For 2-1/8" Mesh Fabric, Deduct	-85.54	
			For Gate With Single Barb Wire Arm, Add	108.16	
			For Gate With Double Barb Wire Arm, Add	157.32	
32 31	13	13-0442	EA 20' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,367.69	91.68
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-204.84	
			For 1" Mesh Fabric, Add	475.23	
			For 1-1/4" Mesh Fabric, Add	305.89	
			For 1-3/4" Mesh Fabric, Add	190.09	
			For 2-1/8" Mesh Fabric, Deduct	-95.05	
			For Gate With Single Barb Wire Arm, Add	120.17	
			For Gate With Double Barb Wire Arm, Add	174.80	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0443	EA	22' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,499.86	99.28
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-225.32	
			For 1" Mesh Fabric, Add	522.75	
			For 1-1/4" Mesh Fabric, Add	336.48	
			For 1-3/4" Mesh Fabric, Add	209.10	
			For 2-1/8" Mesh Fabric, Deduct	-104.55	
			For Gate With Single Barb Wire Arm, Add	132.19	
			For Gate With Double Barb Wire Arm, Add	192.28	
32 31 13	13-0444	EA	24' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,636.22	108.34
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-245.81	
			For 1" Mesh Fabric, Add	570.27	
			For 1-1/4" Mesh Fabric, Add	367.07	
			For 1-3/4" Mesh Fabric, Add	228.11	
			For 2-1/8" Mesh Fabric, Deduct	-114.05	
			For Gate With Single Barb Wire Arm, Add	144.21	
			For Gate With Double Barb Wire Arm, Add	209.76	
32 31 13	13-0445	EA	26' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,777.99	119.19
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-266.29	
			For 1" Mesh Fabric, Add	617.80	
			For 1-1/4" Mesh Fabric, Add	397.66	
			For 1-3/4" Mesh Fabric, Add	247.12	
			For 2-1/8" Mesh Fabric, Deduct	-123.56	
			For Gate With Single Barb Wire Arm, Add	156.22	
			For Gate With Double Barb Wire Arm, Add	227.24	
32 31 13	13-0446	EA	28' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,926.99	132.38
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-286.78	
			For 1" Mesh Fabric, Add	665.32	
			For 1-1/4" Mesh Fabric, Add	428.25	
			For 1-3/4" Mesh Fabric, Add	266.13	
			For 2-1/8" Mesh Fabric, Deduct	-133.06	
			For Gate With Single Barb Wire Arm, Add	168.24	
			For Gate With Double Barb Wire Arm, Add	244.72	
32 31 13	13-0447	EA	30' Wide x 5' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,085.93	148.92
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-307.26	
			For 1" Mesh Fabric, Add	712.84	
			For 1-1/4" Mesh Fabric, Add	458.84	
			For 1-3/4" Mesh Fabric, Add	285.14	
			For 2-1/8" Mesh Fabric, Deduct	-142.57	
			For Gate With Single Barb Wire Arm, Add	180.26	
			For Gate With Double Barb Wire Arm, Add	262.20	
32 31 13	13-0448		6' Fence Height <small>(32 31 13 13-0407)</small>		
32 31 13	13-0449	EA	3' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	226.06	26.64
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-27.36	
			For 1" Mesh Fabric, Add	63.48	
			For 1-1/4" Mesh Fabric, Add	40.86	
			For 1-3/4" Mesh Fabric, Add	25.39	
			For 2-1/8" Mesh Fabric, Deduct	-12.70	
			For Gate With Single Barb Wire Arm, Add	16.05	
			For Gate With Double Barb Wire Arm, Add	23.35	
32 31 13	13-0450	EA	4' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	274.71	26.64
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-36.49	
			For 1" Mesh Fabric, Add	84.65	
			For 1-1/4" Mesh Fabric, Add	54.49	
			For 1-3/4" Mesh Fabric, Add	33.86	
			For 2-1/8" Mesh Fabric, Deduct	-16.93	
			For Gate With Single Barb Wire Arm, Add	21.40	
			For Gate With Double Barb Wire Arm, Add	31.13	
32 31 13	13-0451	EA	5' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	316.13	28.32
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-43.33	
			For 1" Mesh Fabric, Add	100.52	
			For 1-1/4" Mesh Fabric, Add	64.70	
			For 1-3/4" Mesh Fabric, Add	40.21	
			For 2-1/8" Mesh Fabric, Deduct	-20.10	
			For Gate With Single Barb Wire Arm, Add	25.42	
			For Gate With Double Barb Wire Arm, Add	36.97	
32 31 13	13-0452	EA	6' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	370.39	34.21
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-50.17	
			For 1" Mesh Fabric, Add	116.39	
			For 1-1/4" Mesh Fabric, Add	74.92	
			For 1-3/4" Mesh Fabric, Add	46.56	
			For 2-1/8" Mesh Fabric, Deduct	-23.28	
			For Gate With Single Barb Wire Arm, Add	29.43	
			For Gate With Double Barb Wire Arm, Add	42.81	
32 31 13	13-0453	EA	7' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm	424.62	40.20
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-57.01	
			For 1" Mesh Fabric, Add	132.26	
			For 1-1/4" Mesh Fabric, Add	85.13	
			For 1-3/4" Mesh Fabric, Add	52.90	
			For 2-1/8" Mesh Fabric, Deduct	-26.45	
			For Gate With Single Barb Wire Arm, Add	33.45	
			For Gate With Double Barb Wire Arm, Add	48.65	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0454	EA 8' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	477.94	45.80
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-63.85	
			For 1" Mesh Fabric, Add	148.13	
			For 1-1/4" Mesh Fabric, Add	95.35	
			For 1-3/4" Mesh Fabric, Add	59.25	
			For 2-1/8" Mesh Fabric, Deduct	-29.63	
			For Gate With Single Barb Wire Arm, Add	37.46	
			For Gate With Double Barb Wire Arm, Add	54.49	
32 31	13	13-0455	EA 9' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	532.19	51.69
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-70.69	
			For 1" Mesh Fabric, Add	164.00	
			For 1-1/4" Mesh Fabric, Add	105.57	
			For 1-3/4" Mesh Fabric, Add	65.60	
			For 2-1/8" Mesh Fabric, Deduct	-32.80	
			For Gate With Single Barb Wire Arm, Add	41.47	
			For Gate With Double Barb Wire Arm, Add	60.32	
32 31	13	13-0456	EA 10' Wide x 6' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	586.43	57.58
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-77.53	
			For 1" Mesh Fabric, Add	179.88	
			For 1-1/4" Mesh Fabric, Add	115.78	
			For 1-3/4" Mesh Fabric, Add	71.95	
			For 2-1/8" Mesh Fabric, Deduct	-35.98	
			For Gate With Single Barb Wire Arm, Add	45.49	
			For Gate With Double Barb Wire Arm, Add	66.16	
32 31	13	13-0457	EA 10' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	756.34	57.48
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-109.46	
			For 1" Mesh Fabric, Add	253.94	
			For 1-1/4" Mesh Fabric, Add	163.46	
			For 1-3/4" Mesh Fabric, Add	101.58	
			For 2-1/8" Mesh Fabric, Deduct	-50.79	
			For Gate With Single Barb Wire Arm, Add	64.21	
			For Gate With Double Barb Wire Arm, Add	93.40	
32 31	13	13-0458	EA 12' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	887.47	62.26
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-131.35	
			For 1" Mesh Fabric, Add	304.73	
			For 1-1/4" Mesh Fabric, Add	196.15	
			For 1-3/4" Mesh Fabric, Add	121.89	
			For 2-1/8" Mesh Fabric, Deduct	-60.95	
			For Gate With Single Barb Wire Arm, Add	77.06	
			For Gate With Double Barb Wire Arm, Add	112.08	
32 31	13	13-0459	EA 14' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,072.83	85.09
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-153.24	
			For 1" Mesh Fabric, Add	355.52	
			For 1-1/4" Mesh Fabric, Add	228.84	
			For 1-3/4" Mesh Fabric, Add	142.21	
			For 2-1/8" Mesh Fabric, Deduct	-71.10	
			For Gate With Single Barb Wire Arm, Add	89.90	
			For Gate With Double Barb Wire Arm, Add	130.76	
32 31	13	13-0460	EA 16' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,209.25	91.68
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-175.13	
			For 1" Mesh Fabric, Add	406.31	
			For 1-1/4" Mesh Fabric, Add	261.53	
			For 1-3/4" Mesh Fabric, Add	162.52	
			For 2-1/8" Mesh Fabric, Deduct	-81.26	
			For Gate With Single Barb Wire Arm, Add	102.74	
			For Gate With Double Barb Wire Arm, Add	149.45	
32 31	13	13-0461	EA 18' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,348.93	99.28
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-197.02	
			For 1" Mesh Fabric, Add	457.09	
			For 1-1/4" Mesh Fabric, Add	294.22	
			For 1-3/4" Mesh Fabric, Add	182.84	
			For 2-1/8" Mesh Fabric, Deduct	-91.42	
			For Gate With Single Barb Wire Arm, Add	115.59	
			For Gate With Double Barb Wire Arm, Add	168.13	
32 31	13	13-0462	EA 20' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,514.37	108.34
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-222.96	
			For 1" Mesh Fabric, Add	517.27	
			For 1-1/4" Mesh Fabric, Add	332.95	
			For 1-3/4" Mesh Fabric, Add	206.91	
			For 2-1/8" Mesh Fabric, Deduct	-103.45	
			For Gate With Single Barb Wire Arm, Add	130.80	
			For Gate With Double Barb Wire Arm, Add	190.26	
32 31	13	13-0463	EA 22' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,645.99	119.19
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-241.54	
			For 1" Mesh Fabric, Add	560.38	
			For 1-1/4" Mesh Fabric, Add	360.70	
			For 1-3/4" Mesh Fabric, Add	224.15	
			For 2-1/8" Mesh Fabric, Deduct	-112.08	
			For Gate With Single Barb Wire Arm, Add	141.70	
			For Gate With Double Barb Wire Arm, Add	206.12	
32 31	13	13-0464	EA 24' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,798.58	132.38
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-262.70	
			For 1" Mesh Fabric, Add	609.46	
			For 1-1/4" Mesh Fabric, Add	392.30	
			For 1-3/4" Mesh Fabric, Add	243.78	
			For 2-1/8" Mesh Fabric, Deduct	-121.89	
			For Gate With Single Barb Wire Arm, Add	154.12	
			For Gate With Double Barb Wire Arm, Add	224.17	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0465	EA	26' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,965.02	148.92
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-284.59	
			<i>For 1" Mesh Fabric, Add</i>	660.25	
			<i>For 1-1/4" Mesh Fabric, Add</i>	424.99	
			<i>For 1-3/4" Mesh Fabric, Add</i>	264.10	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-132.05	
			<i>For Gate With Single Barb Wire Arm, Add</i>	166.96	
			<i>For Gate With Double Barb Wire Arm, Add</i>	242.85	
32 31 13	13-0466	EA	28' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,145.67	170.16
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-306.48	
			<i>For 1" Mesh Fabric, Add</i>	711.04	
			<i>For 1-1/4" Mesh Fabric, Add</i>	457.68	
			<i>For 1-3/4" Mesh Fabric, Add</i>	284.42	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-142.21	
			<i>For Gate With Single Barb Wire Arm, Add</i>	179.80	
			<i>For Gate With Double Barb Wire Arm, Add</i>	261.53	
32 31 13	13-0467	EA	30' Wide x 6' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,347.60	198.56
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-328.37	
			<i>For 1" Mesh Fabric, Add</i>	761.82	
			<i>For 1-1/4" Mesh Fabric, Add</i>	490.37	
			<i>For 1-3/4" Mesh Fabric, Add</i>	304.73	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-152.36	
			<i>For Gate With Single Barb Wire Arm, Add</i>	192.65	
			<i>For Gate With Double Barb Wire Arm, Add</i>	280.21	
32 31 13	13-0468		7' Fence Height <small>(32 31 13 13-0407)</small>		
32 31 13	13-0469	EA	3' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	239.57	28.70
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-28.74	
			<i>For 1" Mesh Fabric, Add</i>	66.68	
			<i>For 1-1/4" Mesh Fabric, Add</i>	42.92	
			<i>For 1-3/4" Mesh Fabric, Add</i>	26.67	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-13.34	
			<i>For Gate With Single Barb Wire Arm, Add</i>	16.86	
			<i>For Gate With Double Barb Wire Arm, Add</i>	24.53	
32 31 13	13-0470	EA	4' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	290.67	28.70
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-38.32	
			<i>For 1" Mesh Fabric, Add</i>	88.91	
			<i>For 1-1/4" Mesh Fabric, Add</i>	57.23	
			<i>For 1-3/4" Mesh Fabric, Add</i>	35.56	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-17.78	
			<i>For Gate With Single Barb Wire Arm, Add</i>	22.48	
			<i>For Gate With Double Barb Wire Arm, Add</i>	32.70	
32 31 13	13-0471	EA	5' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	333.39	30.19
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-45.51	
			<i>For 1" Mesh Fabric, Add</i>	105.58	
			<i>For 1-1/4" Mesh Fabric, Add</i>	67.96	
			<i>For 1-3/4" Mesh Fabric, Add</i>	42.23	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-21.12	
			<i>For Gate With Single Barb Wire Arm, Add</i>	26.70	
			<i>For Gate With Double Barb Wire Arm, Add</i>	38.84	
32 31 13	13-0472	EA	6' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	391.34	36.74
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-52.70	
			<i>For 1" Mesh Fabric, Add</i>	122.25	
			<i>For 1-1/4" Mesh Fabric, Add</i>	78.69	
			<i>For 1-3/4" Mesh Fabric, Add</i>	48.90	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-24.45	
			<i>For Gate With Single Barb Wire Arm, Add</i>	30.91	
			<i>For Gate With Double Barb Wire Arm, Add</i>	44.97	
32 31 13	13-0473	EA	7' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	448.36	43.00
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-59.88	
			<i>For 1" Mesh Fabric, Add</i>	138.93	
			<i>For 1-1/4" Mesh Fabric, Add</i>	89.42	
			<i>For 1-3/4" Mesh Fabric, Add</i>	55.57	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-27.79	
			<i>For Gate With Single Barb Wire Arm, Add</i>	35.13	
			<i>For Gate With Double Barb Wire Arm, Add</i>	51.10	
32 31 13	13-0474	EA	8' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	506.32	49.44
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-67.07	
			<i>For 1" Mesh Fabric, Add</i>	155.60	
			<i>For 1-1/4" Mesh Fabric, Add</i>	100.16	
			<i>For 1-3/4" Mesh Fabric, Add</i>	62.24	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-31.12	
			<i>For Gate With Single Barb Wire Arm, Add</i>	39.35	
			<i>For Gate With Double Barb Wire Arm, Add</i>	57.23	
32 31 13	13-0475	EA	9' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm	563.33	55.71
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-74.25	
			<i>For 1" Mesh Fabric, Add</i>	172.27	
			<i>For 1-1/4" Mesh Fabric, Add</i>	110.89	
			<i>For 1-3/4" Mesh Fabric, Add</i>	68.91	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-34.45	
			<i>For Gate With Single Barb Wire Arm, Add</i>	43.56	
			<i>For Gate With Double Barb Wire Arm, Add</i>	63.36	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0476	EA	10' Wide x 7' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	621.29	62.26
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-81.44	
			<i>For 1" Mesh Fabric, Add</i>	188.94	
			<i>For 1-1/4" Mesh Fabric, Add</i>	121.62	
			<i>For 1-3/4" Mesh Fabric, Add</i>	75.58	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-37.79	
			<i>For Gate With Single Barb Wire Arm, Add</i>	47.78	
			<i>For Gate With Double Barb Wire Arm, Add</i>	69.50	
32 31 13	13-0477	EA	10' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	800.12	62.26
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-114.97	
			<i>For 1" Mesh Fabric, Add</i>	266.73	
			<i>For 1-1/4" Mesh Fabric, Add</i>	171.69	
			<i>For 1-3/4" Mesh Fabric, Add</i>	106.69	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-53.35	
			<i>For Gate With Single Barb Wire Arm, Add</i>	67.45	
			<i>For Gate With Double Barb Wire Arm, Add</i>	98.11	
32 31 13	13-0478	EA	12' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	991.35	85.09
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-137.96	
			<i>For 1" Mesh Fabric, Add</i>	320.07	
			<i>For 1-1/4" Mesh Fabric, Add</i>	206.02	
			<i>For 1-3/4" Mesh Fabric, Add</i>	128.03	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-64.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	80.94	
			<i>For Gate With Double Barb Wire Arm, Add</i>	117.73	
32 31 13	13-0479	EA	14' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,133.66	91.68
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-160.96	
			<i>For 1" Mesh Fabric, Add</i>	373.43	
			<i>For 1-1/4" Mesh Fabric, Add</i>	240.37	
			<i>For 1-3/4" Mesh Fabric, Add</i>	149.37	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-74.69	
			<i>For Gate With Single Barb Wire Arm, Add</i>	94.43	
			<i>For Gate With Double Barb Wire Arm, Add</i>	137.35	
32 31 13	13-0480	EA	16' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,279.21	99.28
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-183.95	
			<i>For 1" Mesh Fabric, Add</i>	426.77	
			<i>For 1-1/4" Mesh Fabric, Add</i>	274.70	
			<i>For 1-3/4" Mesh Fabric, Add</i>	170.71	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-85.35	
			<i>For Gate With Single Barb Wire Arm, Add</i>	107.92	
			<i>For Gate With Double Barb Wire Arm, Add</i>	156.97	
32 31 13	13-0481	EA	18' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,428.97	108.34
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-206.95	
			<i>For 1" Mesh Fabric, Add</i>	480.12	
			<i>For 1-1/4" Mesh Fabric, Add</i>	309.04	
			<i>For 1-3/4" Mesh Fabric, Add</i>	192.05	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-96.02	
			<i>For Gate With Single Barb Wire Arm, Add</i>	121.41	
			<i>For Gate With Double Barb Wire Arm, Add</i>	176.60	
32 31 13	13-0482	EA	20' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,584.11	119.19
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-229.94	
			<i>For 1" Mesh Fabric, Add</i>	533.46	
			<i>For 1-1/4" Mesh Fabric, Add</i>	343.38	
			<i>For 1-3/4" Mesh Fabric, Add</i>	213.38	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-106.69	
			<i>For Gate With Single Barb Wire Arm, Add</i>	134.90	
			<i>For Gate With Double Barb Wire Arm, Add</i>	196.21	
32 31 13	13-0483	EA	22' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,746.47	132.38
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-252.93	
			<i>For 1" Mesh Fabric, Add</i>	586.79	
			<i>For 1-1/4" Mesh Fabric, Add</i>	377.71	
			<i>For 1-3/4" Mesh Fabric, Add</i>	234.72	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-117.36	
			<i>For Gate With Single Barb Wire Arm, Add</i>	148.38	
			<i>For Gate With Double Barb Wire Arm, Add</i>	215.83	
32 31 13	13-0484	EA	24' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	1,918.81	148.92
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-275.93	
			<i>For 1" Mesh Fabric, Add</i>	640.15	
			<i>For 1-1/4" Mesh Fabric, Add</i>	412.05	
			<i>For 1-3/4" Mesh Fabric, Add</i>	256.06	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-128.03	
			<i>For Gate With Single Barb Wire Arm, Add</i>	161.88	
			<i>For Gate With Double Barb Wire Arm, Add</i>	235.46	
32 31 13	13-0485	EA	26' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,105.35	170.16
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-298.92	
			<i>For 1" Mesh Fabric, Add</i>	693.50	
			<i>For 1-1/4" Mesh Fabric, Add</i>	446.39	
			<i>For 1-3/4" Mesh Fabric, Add</i>	277.40	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-138.70	
			<i>For Gate With Single Barb Wire Arm, Add</i>	175.37	
			<i>For Gate With Double Barb Wire Arm, Add</i>	255.08	
32 31 13	13-0486	EA	28' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm	2,313.15	198.56
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-321.91	
			<i>For 1" Mesh Fabric, Add</i>	746.84	
			<i>For 1-1/4" Mesh Fabric, Add</i>	480.72	
			<i>For 1-3/4" Mesh Fabric, Add</i>	298.74	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-149.37	
			<i>For Gate With Single Barb Wire Arm, Add</i>	188.86	
			<i>For Gate With Double Barb Wire Arm, Add</i>	274.70	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0487	EA	30' Wide x 7' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	2,555.07 -344.91 800.19 515.07 320.08 -160.04 202.35 294.32	238.25
32 31 13	13-0488		8' Fence Height <small>(32 31 13 13-0407)</small>		
32 31 13	13-0489	EA	3' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	279.27 -34.84 80.82 52.02 32.33 -16.16 20.44 29.73	31.12
32 31 13	13-0490	EA	4' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	341.20 -46.45 107.76 69.36 43.11 -21.55 27.25 39.64	31.12
32 31 13	13-0491	EA	5' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	382.49 -54.19 125.72 80.93 50.29 -25.14 31.79 46.24	31.12
32 31 13	13-0492	EA	6' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	448.08 -61.93 143.68 92.49 57.47 -28.74 36.33 52.85	39.25
32 31 13	13-0493	EA	7' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	513.67 -69.68 161.65 104.05 64.66 -32.33 40.88 59.46	47.29
32 31 13	13-0494	EA	8' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	578.34 -77.42 179.61 115.61 71.84 -35.92 45.42 66.06	55.06
32 31 13	13-0495	EA	9' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	643.93 -85.16 197.57 127.17 79.03 -39.51 49.96 72.67	63.19
32 31 13	13-0496	EA	10' Wide x 8' High Single Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	709.51 -92.90 215.53 138.73 86.21 -43.11 54.50 79.28	71.32
32 31 13	13-0497	EA	10' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm For 1-5/8" Schedule 40 Pipe Frame, Deduct For 1" Mesh Fabric, Add For 1-1/4" Mesh Fabric, Add For 1-3/4" Mesh Fabric, Add For 2-1/8" Mesh Fabric, Deduct For Gate With Single Barb Wire Arm, Add For Gate With Double Barb Wire Arm, Add	998.74 -139.35 323.29 208.09 129.32 -64.66 81.75 118.91	85.09

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0498	EA	12' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,167.04 -167.22 387.95 249.71 155.18 -77.59 98.10 142.69	91.68
32 31 13	13-0499	EA	14' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,338.61 -195.09 452.60 291.33 181.04 -90.52 114.45 166.48	99.28
32 31 13	13-0500	EA	16' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,514.36 -222.96 517.26 332.95 206.91 -103.45 130.80 190.26	108.34
32 31 13	13-0501	EA	18' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,695.52 -250.83 581.92 374.57 232.77 -116.38 147.15 214.04	119.19
32 31 13	13-0502	EA	20' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,883.91 -278.70 646.58 416.19 258.63 -129.32 163.50 237.82	132.38
32 31 13	13-0503	EA	22' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,082.23 -306.57 711.23 457.81 284.49 -142.25 179.85 261.60	148.92
32 31 13	13-0504	EA	24' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,294.76 -334.44 775.89 499.42 310.36 -155.18 196.20 285.39	170.16
32 31 13	13-0505	EA	26' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,528.58 -362.31 840.55 541.04 336.22 -168.11 212.55 309.17	198.56
32 31 13	13-0506	EA	28' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,796.49 -390.18 905.21 582.66 362.08 -181.04 228.90 332.95	238.25
32 31 13	13-0507	EA	30' Wide x 8' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,124.01 -418.05 969.87 624.28 387.95 -193.97 245.25 356.73	297.84

32 31 13 13-0508 10' Fence Height (32 31 13 13-0407)

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0509	EA	3' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	319.38	34.58
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-40.41	
			<i>For 1" Mesh Fabric, Add</i>	93.76	
			<i>For 1-1/4" Mesh Fabric, Add</i>	60.35	
			<i>For 1-3/4" Mesh Fabric, Add</i>	37.50	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-18.75	
			<i>For Gate With Single Barb Wire Arm, Add</i>	23.71	
			<i>For Gate With Double Barb Wire Arm, Add</i>	34.48	
32 31 13	13-0510	EA	4' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	391.23	34.58
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-53.88	
			<i>For 1" Mesh Fabric, Add</i>	125.01	
			<i>For 1-1/4" Mesh Fabric, Add</i>	80.47	
			<i>For 1-3/4" Mesh Fabric, Add</i>	50.00	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-25.00	
			<i>For Gate With Single Barb Wire Arm, Add</i>	31.61	
			<i>For Gate With Double Barb Wire Arm, Add</i>	45.98	
32 31 13	13-0511	EA	5' Wide x 10' High Gate Single Vinyl Coated Without Barbed Wire Arm.....	443.70	36.08
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-62.87	
			<i>For 1" Mesh Fabric, Add</i>	145.85	
			<i>For 1-1/4" Mesh Fabric, Add</i>	93.88	
			<i>For 1-3/4" Mesh Fabric, Add</i>	58.34	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-29.17	
			<i>For Gate With Single Barb Wire Arm, Add</i>	36.88	
			<i>For Gate With Double Barb Wire Arm, Add</i>	53.64	
32 31 13	13-0512	EA	6' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	517.77	44.87
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-71.85	
			<i>For 1" Mesh Fabric, Add</i>	166.68	
			<i>For 1-1/4" Mesh Fabric, Add</i>	107.29	
			<i>For 1-3/4" Mesh Fabric, Add</i>	66.67	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-33.34	
			<i>For Gate With Single Barb Wire Arm, Add</i>	42.15	
			<i>For Gate With Double Barb Wire Arm, Add</i>	61.31	
32 31 13	13-0513	EA	7' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	590.91	53.18
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-80.83	
			<i>For 1" Mesh Fabric, Add</i>	187.52	
			<i>For 1-1/4" Mesh Fabric, Add</i>	120.70	
			<i>For 1-3/4" Mesh Fabric, Add</i>	75.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-37.50	
			<i>For Gate With Single Barb Wire Arm, Add</i>	47.42	
			<i>For Gate With Double Barb Wire Arm, Add</i>	68.97	
32 31 13	13-0514	EA	8' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	664.98	61.97
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-89.81	
			<i>For 1" Mesh Fabric, Add</i>	208.36	
			<i>For 1-1/4" Mesh Fabric, Add</i>	134.11	
			<i>For 1-3/4" Mesh Fabric, Add</i>	83.34	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-41.67	
			<i>For Gate With Single Barb Wire Arm, Add</i>	52.69	
			<i>For Gate With Double Barb Wire Arm, Add</i>	76.64	
32 31 13	13-0515	EA	9' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	738.12	70.39
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-98.79	
			<i>For 1" Mesh Fabric, Add</i>	229.19	
			<i>For 1-1/4" Mesh Fabric, Add</i>	147.53	
			<i>For 1-3/4" Mesh Fabric, Add</i>	91.68	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-45.84	
			<i>For Gate With Single Barb Wire Arm, Add</i>	57.96	
			<i>For Gate With Double Barb Wire Arm, Add</i>	84.30	
32 31 13	13-0516	EA	10' Wide x 10' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	812.19	79.08
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-107.77	
			<i>For 1" Mesh Fabric, Add</i>	250.02	
			<i>For 1-1/4" Mesh Fabric, Add</i>	160.94	
			<i>For 1-3/4" Mesh Fabric, Add</i>	100.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-50.00	
			<i>For Gate With Single Barb Wire Arm, Add</i>	63.22	
			<i>For Gate With Double Barb Wire Arm, Add</i>	91.96	
32 31 13	13-0517	EA	10' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,146.08	94.59
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-161.65	
			<i>For 1" Mesh Fabric, Add</i>	375.03	
			<i>For 1-1/4" Mesh Fabric, Add</i>	241.40	
			<i>For 1-3/4" Mesh Fabric, Add</i>	150.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-75.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	94.84	
			<i>For Gate With Double Barb Wire Arm, Add</i>	137.94	
32 31 13	13-0518	EA	12' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,340.25	101.74
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-193.98	
			<i>For 1" Mesh Fabric, Add</i>	450.04	
			<i>For 1-1/4" Mesh Fabric, Add</i>	289.68	
			<i>For 1-3/4" Mesh Fabric, Add</i>	180.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-90.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	113.80	
			<i>For Gate With Double Barb Wire Arm, Add</i>	165.53	
32 31 13	13-0519	EA	14' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,538.27	110.35
			<i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i>	-226.31	
			<i>For 1" Mesh Fabric, Add</i>	525.05	
			<i>For 1-1/4" Mesh Fabric, Add</i>	337.96	
			<i>For 1-3/4" Mesh Fabric, Add</i>	210.02	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-105.01	
			<i>For Gate With Single Barb Wire Arm, Add</i>	132.77	
			<i>For Gate With Double Barb Wire Arm, Add</i>	193.12	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0520	EA	16' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,740.66 -258.64 600.05 386.24 240.02 -120.01 151.74 220.71	120.30
32 31 13	13-0521	EA	18' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	1,949.37 -290.97 675.05 434.52 270.02 -135.01 170.70 248.30	132.38
32 31 13	13-0522	EA	20' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,165.76 -323.30 750.06 482.80 300.02 -150.01 189.67 275.88	147.02
32 31 13	13-0523	EA	22' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,393.62 -355.63 825.07 531.08 330.03 -165.01 208.64 303.47	165.47
32 31 13	13-0524	EA	24' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,636.67 -387.96 900.08 579.36 360.03 -180.02 227.61 331.06	188.95
32 31 13	13-0525	EA	26' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,904.10 -420.29 975.08 627.64 390.03 -195.02 246.57 358.65	220.59
32 31 13	13-0526	EA	28' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,208.33 -452.62 1,050.09 675.92 420.03 -210.02 265.54 386.24	264.53
32 31 13	13-0527	EA	30' Wide x 10' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,580.23 -484.95 1,125.09 724.20 450.04 -225.02 284.51 413.83	330.94
32 31 13	13-0528		12' Fence Height <small>(32 31 13 13-0407)</small>		
32 31 13	13-0529	EA	3' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	415.98 -56.36 130.75 84.16 52.30 -26.15 33.06 48.09	38.42
32 31 13	13-0530	EA	4' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	515.90 -75.09 174.22 112.14 69.69 -34.84 44.06 64.08	38.42

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0531	EA 5' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	594.46	39.82
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-89.03	
			For 1" Mesh Fabric, Add	206.55	
			For 1-1/4" Mesh Fabric, Add	132.95	
			For 1-3/4" Mesh Fabric, Add	82.62	
			For 2-1/8" Mesh Fabric, Deduct	-41.31	
			For Gate With Single Barb Wire Arm, Add	52.23	
			For Gate With Double Barb Wire Arm, Add	75.97	
32 31	13	13-0532	EA 6' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	685.38	49.44
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-100.64	
			For 1" Mesh Fabric, Add	233.49	
			For 1-1/4" Mesh Fabric, Add	150.29	
			For 1-3/4" Mesh Fabric, Add	93.40	
			For 2-1/8" Mesh Fabric, Deduct	-46.70	
			For Gate With Single Barb Wire Arm, Add	59.04	
			For Gate With Double Barb Wire Arm, Add	85.88	
32 31	13	13-0533	EA 7' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	783.17	59.17
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-113.54	
			For 1" Mesh Fabric, Add	263.42	
			For 1-1/4" Mesh Fabric, Add	169.56	
			For 1-3/4" Mesh Fabric, Add	105.37	
			For 2-1/8" Mesh Fabric, Deduct	-52.68	
			For Gate With Single Barb Wire Arm, Add	66.61	
			For Gate With Double Barb Wire Arm, Add	96.89	
32 31	13	13-0534	EA 8' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	880.03	68.52
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-126.45	
			For 1" Mesh Fabric, Add	293.36	
			For 1-1/4" Mesh Fabric, Add	188.83	
			For 1-3/4" Mesh Fabric, Add	117.34	
			For 2-1/8" Mesh Fabric, Deduct	-58.67	
			For Gate With Single Barb Wire Arm, Add	74.18	
			For Gate With Double Barb Wire Arm, Add	107.90	
32 31	13	13-0535	EA 9' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	977.82	78.14
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-139.35	
			For 1" Mesh Fabric, Add	323.29	
			For 1-1/4" Mesh Fabric, Add	208.10	
			For 1-3/4" Mesh Fabric, Add	129.32	
			For 2-1/8" Mesh Fabric, Deduct	-64.66	
			For Gate With Single Barb Wire Arm, Add	81.75	
			For Gate With Double Barb Wire Arm, Add	118.91	
32 31	13	13-0536	EA 10' Wide x 12' High Single Gate Vinyl Coated Without Barbed Wire Arm.....	1,068.74	87.76
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-150.96	
			For 1" Mesh Fabric, Add	350.24	
			For 1-1/4" Mesh Fabric, Add	225.44	
			For 1-3/4" Mesh Fabric, Add	140.09	
			For 2-1/8" Mesh Fabric, Deduct	-70.05	
			For Gate With Single Barb Wire Arm, Add	88.57	
			For Gate With Double Barb Wire Arm, Add	128.82	
32 31	13	13-0537	EA 10' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,522.68	105.10
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-226.37	
			For 1" Mesh Fabric, Add	525.17	
			For 1-1/4" Mesh Fabric, Add	338.04	
			For 1-3/4" Mesh Fabric, Add	210.07	
			For 2-1/8" Mesh Fabric, Deduct	-105.03	
			For Gate With Single Barb Wire Arm, Add	132.80	
			For Gate With Double Barb Wire Arm, Add	193.17	
32 31	13	13-0538	EA 12' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	1,827.63	113.15
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-279.01	
			For 1" Mesh Fabric, Add	647.31	
			For 1-1/4" Mesh Fabric, Add	416.66	
			For 1-3/4" Mesh Fabric, Add	258.92	
			For 2-1/8" Mesh Fabric, Deduct	-129.46	
			For Gate With Single Barb Wire Arm, Add	163.69	
			For Gate With Double Barb Wire Arm, Add	238.09	
32 31	13	13-0539	EA 14' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,105.52	122.54
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-325.77	
			For 1" Mesh Fabric, Add	755.79	
			For 1-1/4" Mesh Fabric, Add	486.48	
			For 1-3/4" Mesh Fabric, Add	302.31	
			For 2-1/8" Mesh Fabric, Deduct	-151.16	
			For Gate With Single Barb Wire Arm, Add	191.12	
			For Gate With Double Barb Wire Arm, Add	277.99	
32 31	13	13-0540	EA 16' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,386.63	133.61
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-372.22	
			For 1" Mesh Fabric, Add	863.55	
			For 1-1/4" Mesh Fabric, Add	555.85	
			For 1-3/4" Mesh Fabric, Add	345.42	
			For 2-1/8" Mesh Fabric, Deduct	-172.71	
			For Gate With Single Barb Wire Arm, Add	218.37	
			For Gate With Double Barb Wire Arm, Add	317.63	
32 31	13	13-0541	EA 18' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm.....	2,671.30	147.14
			For 1-5/8" Schedule 40 Pipe Frame, Deduct	-418.05	
			For 1" Mesh Fabric, Add	969.88	
			For 1-1/4" Mesh Fabric, Add	624.29	
			For 1-3/4" Mesh Fabric, Add	387.95	
			For 2-1/8" Mesh Fabric, Deduct	-193.98	
			For Gate With Single Barb Wire Arm, Add	245.26	
			For Gate With Double Barb Wire Arm, Add	356.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0542 EA 20' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	2,967.70 -464.50 1,077.64 693.66 431.06 -215.53 272.51 396.37	163.35
32 31 13 13-0543 EA 22' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,277.18 -510.95 1,185.41 763.02 474.16 -237.08 299.76 436.01	183.81
32 31 13 13-0544 EA 24' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,603.40 -557.40 1,293.17 832.39 517.27 -258.63 327.01 475.65	209.97
32 31 13 13-0545 EA 26' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	3,964.96 -605.40 1,404.53 904.06 561.81 -280.91 355.17 516.61	245.19
32 31 13 13-0546 EA 28' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,359.13 -651.85 1,512.29 973.43 604.92 -302.46 382.42 556.24	293.93
32 31 13 13-0547 EA 30' Wide x 12' High Double Gate Vinyl Coated Without Barbed Wire Arm <i>For 1-5/8" Schedule 40 Pipe Frame, Deduct</i> <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Single Barb Wire Arm, Add</i> <i>For Gate With Double Barb Wire Arm, Add</i>	4,828.50 -698.30 1,620.06 1,042.80 648.02 -324.01 409.67 595.88	367.72
32 31 13 13-0548 Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0265)</small> Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper and lower rails, track brackets, roller gate wheel carrier, track rollers, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. See CSI section 32 31 13 13-0632 for additional gate accessories, 32 31 13 13-0713 for gate replacement parts.		
32 31 13 13-0549 4' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0548)</small>		
32 31 13 13-0550 EA 10' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,102.88 1,034.00 665.56 413.60 -206.80 261.47 713.10	362.91
32 31 13 13-0551 EA 12' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	3,728.61 1,240.79 798.67 496.32 -248.16 313.76 855.72	438.15
32 31 13 13-0552 EA 14' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,350.24 1,447.59 931.78 579.04 -289.52 366.06 998.34	511.16
32 31 13 13-0553 EA 16' Long x 4' High Chain Link Galvanized Steel Sliding Gate <i>For 1" Mesh Fabric, Add</i> <i>For 1-1/4" Mesh Fabric, Add</i> <i>For 1-3/4" Mesh Fabric, Add</i> <i>For 2-1/8" Mesh Fabric, Deduct</i> <i>For Gate With Barb Wire Arm, Add</i> <i>For Vinyl Coated, Add</i>	4,978.23 1,654.40 1,064.90 661.76 -330.88 418.35 1,140.96	587.53

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13 13-0554	EA	18' Long x 4' High Chain Link Galvanized Steel Sliding Gate	5,600.55	660.98
			For 1" Mesh Fabric, Add	1,861.20	
			For 1-1/4" Mesh Fabric, Add	1,198.01	
			For 1-3/4" Mesh Fabric, Add	744.48	
			For 2-1/8" Mesh Fabric, Deduct	-372.24	
			For Gate With Barb Wire Arm, Add	470.65	
			For Vinyl Coated, Add	1,283.58	
32 31	13 13-0555	EA	20' Long x 4' High Chain Link Galvanized Steel Sliding Gate	6,209.32	727.62
			For 1" Mesh Fabric, Add	2,067.99	
			For 1-1/4" Mesh Fabric, Add	1,331.12	
			For 1-3/4" Mesh Fabric, Add	827.20	
			For 2-1/8" Mesh Fabric, Deduct	-413.60	
			For Gate With Barb Wire Arm, Add	522.94	
			For Vinyl Coated, Add	1,426.20	
32 31	13 13-0556	EA	24' Long x 4' High Chain Link Galvanized Steel Sliding Gate	7,415.35	876.21
			For 1" Mesh Fabric, Add	2,463.38	
			For 1-1/4" Mesh Fabric, Add	1,585.62	
			For 1-3/4" Mesh Fabric, Add	985.35	
			For 2-1/8" Mesh Fabric, Deduct	-492.68	
			For Gate With Barb Wire Arm, Add	622.92	
			For Vinyl Coated, Add	1,698.88	
32 31	13 13-0557	EA	30' Long x 4' High Chain Link Galvanized Steel Sliding Gate	10,438.81	1,653.91
			For 1" Mesh Fabric, Add	3,101.99	
			For 1-1/4" Mesh Fabric, Add	1,996.68	
			For 1-3/4" Mesh Fabric, Add	1,240.80	
			For 2-1/8" Mesh Fabric, Deduct	-620.40	
			For Gate With Barb Wire Arm, Add	784.41	
			For Vinyl Coated, Add	2,139.30	
32 31	13 13-0558	EA	40' Long x 4' High Chain Link Galvanized Steel Sliding Gate	13,918.40	2,205.21
			For 1" Mesh Fabric, Add	4,135.98	
			For 1-1/4" Mesh Fabric, Add	2,662.24	
			For 1-3/4" Mesh Fabric, Add	1,654.39	
			For 2-1/8" Mesh Fabric, Deduct	-827.20	
			For Gate With Barb Wire Arm, Add	1,045.88	
			For Vinyl Coated, Add	2,852.40	
32 31	13 13-0559		5' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0548)</small>		
32 31	13 13-0560	EA	10' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,236.85	395.00
			For 1" Mesh Fabric, Add	1,064.38	
			For 1-1/4" Mesh Fabric, Add	685.12	
			For 1-3/4" Mesh Fabric, Add	425.75	
			For 2-1/8" Mesh Fabric, Deduct	-212.88	
			For Gate With Barb Wire Arm, Add	269.15	
			For Vinyl Coated, Add	734.06	
32 31	13 13-0561	EA	12' Long x 5' High Chain Link Galvanized Steel Sliding Gate	3,883.13	473.48
			For 1" Mesh Fabric, Add	1,277.26	
			For 1-1/4" Mesh Fabric, Add	822.15	
			For 1-3/4" Mesh Fabric, Add	510.91	
			For 2-1/8" Mesh Fabric, Deduct	-255.45	
			For Gate With Barb Wire Arm, Add	322.99	
			For Vinyl Coated, Add	880.87	
32 31	13 13-0562	EA	14' Long x 5' High Chain Link Galvanized Steel Sliding Gate	4,530.11	552.31
			For 1" Mesh Fabric, Add	1,490.14	
			For 1-1/4" Mesh Fabric, Add	959.17	
			For 1-3/4" Mesh Fabric, Add	596.06	
			For 2-1/8" Mesh Fabric, Deduct	-298.03	
			For Gate With Barb Wire Arm, Add	376.82	
			For Vinyl Coated, Add	1,027.68	
32 31	13 13-0563	EA	16' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,177.60	631.36
			For 1" Mesh Fabric, Add	1,703.02	
			For 1-1/4" Mesh Fabric, Add	1,096.20	
			For 1-3/4" Mesh Fabric, Add	681.21	
			For 2-1/8" Mesh Fabric, Deduct	-340.60	
			For Gate With Barb Wire Arm, Add	430.65	
			For Vinyl Coated, Add	1,174.50	
32 31	13 13-0564	EA	18' Long x 5' High Chain Link Galvanized Steel Sliding Gate	5,824.52	710.06
			For 1" Mesh Fabric, Add	1,915.89	
			For 1-1/4" Mesh Fabric, Add	1,233.22	
			For 1-3/4" Mesh Fabric, Add	766.36	
			For 2-1/8" Mesh Fabric, Deduct	-383.18	
			For Gate With Barb Wire Arm, Add	484.48	
			For Vinyl Coated, Add	1,321.30	
32 31	13 13-0565	EA	20' Long x 5' High Chain Link Galvanized Steel Sliding Gate	6,471.75	789.00
			For 1" Mesh Fabric, Add	2,128.77	
			For 1-1/4" Mesh Fabric, Add	1,370.24	
			For 1-3/4" Mesh Fabric, Add	851.51	
			For 2-1/8" Mesh Fabric, Deduct	-425.75	
			For Gate With Barb Wire Arm, Add	538.31	
			For Vinyl Coated, Add	1,468.12	
32 31	13 13-0566	EA	24' Long x 5' High Chain Link Galvanized Steel Sliding Gate	7,725.16	947.87
			For 1" Mesh Fabric, Add	2,535.78	
			For 1-1/4" Mesh Fabric, Add	1,632.23	
			For 1-3/4" Mesh Fabric, Add	1,014.31	
			For 2-1/8" Mesh Fabric, Deduct	-507.16	
			For Gate With Barb Wire Arm, Add	641.23	
			For Vinyl Coated, Add	1,748.82	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0567 EA 30' Long x 5' High Chain Link Galvanized Steel Sliding Gate	9,708.04	1,183.77
For 1" Mesh Fabric, Add	3,193.15	
For 1-1/4" Mesh Fabric, Add	2,055.36	
For 1-3/4" Mesh Fabric, Add	1,277.26	
For 2-1/8" Mesh Fabric, Deduct	-638.63	
For Gate With Barb Wire Arm, Add	807.46	
For Vinyl Coated, Add	2,202.17	
32 31 13 13-0568 EA 40' Long x 5' High Chain Link Galvanized Steel Sliding Gate	12,943.51	1,578.00
For 1" Mesh Fabric, Add	4,257.54	
For 1-1/4" Mesh Fabric, Add	2,740.48	
For 1-3/4" Mesh Fabric, Add	1,703.01	
For 2-1/8" Mesh Fabric, Deduct	-851.51	
For Gate With Barb Wire Arm, Add	1,076.62	
For Vinyl Coated, Add	2,936.23	
32 31 13 13-0569 6' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0548)		
32 31 13 13-0570 EA 10' Long x 6' High Chain Link Galvanized Steel Sliding Gate	3,421.86	463.09
For 1" Mesh Fabric, Add	1,085.66	
For 1-1/4" Mesh Fabric, Add	698.81	
For 1-3/4" Mesh Fabric, Add	434.26	
For 2-1/8" Mesh Fabric, Deduct	-217.13	
For Gate With Barb Wire Arm, Add	274.53	
For Vinyl Coated, Add	748.73	
32 31 13 13-0571 EA 12' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,102.98	553.98
For 1" Mesh Fabric, Add	1,302.79	
For 1-1/4" Mesh Fabric, Add	838.58	
For 1-3/4" Mesh Fabric, Add	521.12	
For 2-1/8" Mesh Fabric, Deduct	-260.56	
For Gate With Barb Wire Arm, Add	329.44	
For Vinyl Coated, Add	898.48	
32 31 13 13-0572 EA 14' Long x 6' High Chain Link Galvanized Steel Sliding Gate	4,786.60	646.22
For 1" Mesh Fabric, Add	1,519.92	
For 1-1/4" Mesh Fabric, Add	978.34	
For 1-3/4" Mesh Fabric, Add	607.97	
For 2-1/8" Mesh Fabric, Deduct	-303.98	
For Gate With Barb Wire Arm, Add	384.35	
For Vinyl Coated, Add	1,048.22	
32 31 13 13-0573 EA 16' Long x 6' High Chain Link Galvanized Steel Sliding Gate	5,470.64	738.68
For 1" Mesh Fabric, Add	1,737.05	
For 1-1/4" Mesh Fabric, Add	1,118.10	
For 1-3/4" Mesh Fabric, Add	694.82	
For 2-1/8" Mesh Fabric, Deduct	-347.41	
For Gate With Barb Wire Arm, Add	439.25	
For Vinyl Coated, Add	1,197.97	
32 31 13 13-0574 EA 18' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,154.26	830.92
For 1" Mesh Fabric, Add	1,954.18	
For 1-1/4" Mesh Fabric, Add	1,257.86	
For 1-3/4" Mesh Fabric, Add	781.67	
For 2-1/8" Mesh Fabric, Deduct	-390.84	
For Gate With Barb Wire Arm, Add	494.16	
For Vinyl Coated, Add	1,347.71	
32 31 13 13-0575 EA 20' Long x 6' High Chain Link Galvanized Steel Sliding Gate	6,844.12	926.29
For 1" Mesh Fabric, Add	2,171.32	
For 1-1/4" Mesh Fabric, Add	1,397.63	
For 1-3/4" Mesh Fabric, Add	868.53	
For 2-1/8" Mesh Fabric, Deduct	-434.26	
For Gate With Barb Wire Arm, Add	549.07	
For Vinyl Coated, Add	1,497.46	
32 31 13 13-0576 EA 24' Long x 6' High Chain Link Galvanized Steel Sliding Gate	8,162.02	1,108.09
For 1" Mesh Fabric, Add	2,586.46	
For 1-1/4" Mesh Fabric, Add	1,664.85	
For 1-3/4" Mesh Fabric, Add	1,034.58	
For 2-1/8" Mesh Fabric, Deduct	-517.29	
For Gate With Barb Wire Arm, Add	654.05	
For Vinyl Coated, Add	1,783.77	
32 31 13 13-0577 EA 30' Long x 6' High Chain Link Galvanized Steel Sliding Gate	10,258.13	1,385.47
For 1" Mesh Fabric, Add	3,256.97	
For 1-1/4" Mesh Fabric, Add	2,096.44	
For 1-3/4" Mesh Fabric, Add	1,302.79	
For 2-1/8" Mesh Fabric, Deduct	-651.39	
For Gate With Barb Wire Arm, Add	823.60	
For Vinyl Coated, Add	2,246.19	
32 31 13 13-0578 EA 40' Long x 6' High Chain Link Galvanized Steel Sliding Gate	13,675.99	1,846.43
For 1" Mesh Fabric, Add	4,342.63	
For 1-1/4" Mesh Fabric, Add	2,795.25	
For 1-3/4" Mesh Fabric, Add	1,737.05	
For 2-1/8" Mesh Fabric, Deduct	-868.53	
For Gate With Barb Wire Arm, Add	1,098.14	
For Vinyl Coated, Add	2,994.92	
32 31 13 13-0579 7' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0548)		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	13	13-0580	EA 10' Long x 7' High Chain Link Galvanized Steel Sliding Gate	3,626.63	516.53
			For 1" Mesh Fabric, Add	1,128.20	
			For 1-1/4" Mesh Fabric, Add	726.20	
			For 1-3/4" Mesh Fabric, Add	451.28	
			For 2-1/8" Mesh Fabric, Deduct	-225.64	
			For Gate With Barb Wire Arm, Add	285.29	
			For Vinyl Coated, Add	778.07	
32 31	13	13-0581	EA 12' Long x 7' High Chain Link Galvanized Steel Sliding Gate	4,351.20	619.39
			For 1" Mesh Fabric, Add	1,353.88	
			For 1-1/4" Mesh Fabric, Add	871.46	
			For 1-3/4" Mesh Fabric, Add	541.55	
			For 2-1/8" Mesh Fabric, Deduct	-270.78	
			For Gate With Barb Wire Arm, Add	342.36	
			For Vinyl Coated, Add	933.71	
32 31	13	13-0582	EA 14' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,077.34	723.14
			For 1" Mesh Fabric, Add	1,579.48	
			For 1-1/4" Mesh Fabric, Add	1,016.67	
			For 1-3/4" Mesh Fabric, Add	631.79	
			For 2-1/8" Mesh Fabric, Deduct	-315.90	
			For Gate With Barb Wire Arm, Add	399.41	
			For Vinyl Coated, Add	1,089.29	
32 31	13	13-0583	EA 16' Long x 7' High Chain Link Galvanized Steel Sliding Gate	5,801.77	826.01
			For 1" Mesh Fabric, Add	1,805.12	
			For 1-1/4" Mesh Fabric, Add	1,161.92	
			For 1-3/4" Mesh Fabric, Add	722.05	
			For 2-1/8" Mesh Fabric, Deduct	-361.02	
			For Gate With Barb Wire Arm, Add	456.47	
			For Vinyl Coated, Add	1,244.91	
32 31	13	13-0584	EA 18' Long x 7' High Chain Link Galvanized Steel Sliding Gate	6,527.17	929.43
			For 1" Mesh Fabric, Add	2,030.76	
			For 1-1/4" Mesh Fabric, Add	1,307.16	
			For 1-3/4" Mesh Fabric, Add	812.31	
			For 2-1/8" Mesh Fabric, Deduct	-406.15	
			For Gate With Barb Wire Arm, Add	513.53	
			For Vinyl Coated, Add	1,400.53	
32 31	13	13-0585	EA 20' Long x 7' High Chain Link Galvanized Steel Sliding Gate	7,251.86	1,032.39
			For 1" Mesh Fabric, Add	2,256.41	
			For 1-1/4" Mesh Fabric, Add	1,452.40	
			For 1-3/4" Mesh Fabric, Add	902.56	
			For 2-1/8" Mesh Fabric, Deduct	-451.28	
			For Gate With Barb Wire Arm, Add	570.59	
			For Vinyl Coated, Add	1,556.15	
32 31	13	13-0586	EA 24' Long x 7' High Chain Link Galvanized Steel Sliding Gate	8,656.54	1,238.79
			For 1" Mesh Fabric, Add	2,687.82	
			For 1-1/4" Mesh Fabric, Add	1,730.09	
			For 1-3/4" Mesh Fabric, Add	1,075.13	
			For 2-1/8" Mesh Fabric, Deduct	-537.56	
			For Gate With Barb Wire Arm, Add	679.68	
			For Vinyl Coated, Add	1,853.67	
32 31	13	13-0587	EA 30' Long x 7' High Chain Link Galvanized Steel Sliding Gate	10,877.75	1,548.48
			For 1" Mesh Fabric, Add	3,384.60	
			For 1-1/4" Mesh Fabric, Add	2,178.60	
			For 1-3/4" Mesh Fabric, Add	1,353.84	
			For 2-1/8" Mesh Fabric, Deduct	-676.92	
			For Gate With Barb Wire Arm, Add	855.88	
			For Vinyl Coated, Add	2,334.21	
32 31	13	13-0588	EA 40' Long x 7' High Chain Link Galvanized Steel Sliding Gate	14,503.67	2,064.68
			For 1" Mesh Fabric, Add	4,512.81	
			For 1-1/4" Mesh Fabric, Add	2,904.80	
			For 1-3/4" Mesh Fabric, Add	1,805.12	
			For 2-1/8" Mesh Fabric, Deduct	-902.56	
			For Gate With Barb Wire Arm, Add	1,141.17	
			For Vinyl Coated, Add	3,112.28	
32 31	13	13-0589	8' High Chain Link Galvanized Steel Sliding Gate (32 31 13 13-0548)		
32 31	13	13-0590	EA 10' Long x 8' High Chain Link Galvanized Steel Sliding Gate	3,789.58	559.58
			For 1" Mesh Fabric, Add	1,161.63	
			For 1-1/4" Mesh Fabric, Add	747.72	
			For 1-3/4" Mesh Fabric, Add	464.65	
			For 2-1/8" Mesh Fabric, Deduct	-232.33	
			For Gate With Barb Wire Arm, Add	293.75	
			For Vinyl Coated, Add	801.13	
32 31	13	13-0591	EA 12' Long x 8' High Chain Link Galvanized Steel Sliding Gate	4,544.28	669.92
			For 1" Mesh Fabric, Add	1,393.96	
			For 1-1/4" Mesh Fabric, Add	897.26	
			For 1-3/4" Mesh Fabric, Add	557.58	
			For 2-1/8" Mesh Fabric, Deduct	-278.79	
			For Gate With Barb Wire Arm, Add	352.50	
			For Vinyl Coated, Add	961.35	
32 31	13	13-0592	EA 14' Long x 8' High Chain Link Galvanized Steel Sliding Gate	5,301.71	781.62
			For 1" Mesh Fabric, Add	1,626.28	
			For 1-1/4" Mesh Fabric, Add	1,046.80	
			For 1-3/4" Mesh Fabric, Add	650.51	
			For 2-1/8" Mesh Fabric, Deduct	-325.26	
			For Gate With Barb Wire Arm, Add	411.24	
			For Vinyl Coated, Add	1,121.57	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0593	EA	16' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,059.38	893.31
			For 1" Mesh Fabric, Add	1,858.61	
			For 1-1/4" Mesh Fabric, Add	1,196.34	
			For 1-3/4" Mesh Fabric, Add	743.44	
			For 2-1/8" Mesh Fabric, Deduct	-371.72	
			For Gate With Barb Wire Arm, Add	469.99	
			For Vinyl Coated, Add	1,281.80	
32 31 13	13-0594	EA	18' Long x 8' High Chain Link Galvanized Steel Sliding Gate	6,815.79	1,004.56
			For 1" Mesh Fabric, Add	2,090.93	
			For 1-1/4" Mesh Fabric, Add	1,345.89	
			For 1-3/4" Mesh Fabric, Add	836.37	
			For 2-1/8" Mesh Fabric, Deduct	-418.19	
			For Gate With Barb Wire Arm, Add	528.74	
			For Vinyl Coated, Add	1,442.02	
32 31 13	13-0595	EA	20' Long x 8' High Chain Link Galvanized Steel Sliding Gate	7,573.54	1,116.35
			For 1" Mesh Fabric, Add	2,323.26	
			For 1-1/4" Mesh Fabric, Add	1,495.43	
			For 1-3/4" Mesh Fabric, Add	929.30	
			For 2-1/8" Mesh Fabric, Deduct	-464.65	
			For Gate With Barb Wire Arm, Add	587.49	
			For Vinyl Coated, Add	1,602.25	
32 31 13	13-0596	EA	24' Long x 8' High Chain Link Galvanized Steel Sliding Gate	9,041.52	1,339.74
			For 1" Mesh Fabric, Add	2,767.46	
			For 1-1/4" Mesh Fabric, Add	1,781.35	
			For 1-3/4" Mesh Fabric, Add	1,106.98	
			For 2-1/8" Mesh Fabric, Deduct	-553.49	
			For Gate With Barb Wire Arm, Add	699.82	
			For Vinyl Coated, Add	1,908.59	
32 31 13	13-0597	EA	30' Long x 8' High Chain Link Galvanized Steel Sliding Gate	11,361.17	1,674.93
			For 1" Mesh Fabric, Add	3,484.89	
			For 1-1/4" Mesh Fabric, Add	2,243.15	
			For 1-3/4" Mesh Fabric, Add	1,393.96	
			For 2-1/8" Mesh Fabric, Deduct	-696.98	
			For Gate With Barb Wire Arm, Add	881.24	
			For Vinyl Coated, Add	2,403.38	
32 31 13	13-0598	EA	40' Long x 8' High Chain Link Galvanized Steel Sliding Gate	15,144.86	2,231.59
			For 1" Mesh Fabric, Add	4,646.52	
			For 1-1/4" Mesh Fabric, Add	2,990.86	
			For 1-3/4" Mesh Fabric, Add	1,858.61	
			For 2-1/8" Mesh Fabric, Deduct	-929.30	
			For Gate With Barb Wire Arm, Add	1,174.98	
			For Vinyl Coated, Add	3,204.50	
32 31 13	13-0599		9' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0548)</small>		
32 31 13	13-0600	EA	10' Long x 9' High Chain Link Galvanized Steel Sliding Gate	3,982.12	610.45
			For 1" Mesh Fabric, Add	1,201.13	
			For 1-1/4" Mesh Fabric, Add	773.14	
			For 1-3/4" Mesh Fabric, Add	480.45	
			For 2-1/8" Mesh Fabric, Deduct	-240.23	
			For Gate With Barb Wire Arm, Add	303.73	
			For Vinyl Coated, Add	828.37	
32 31 13	13-0601	EA	12' Long x 9' High Chain Link Galvanized Steel Sliding Gate	4,774.01	730.31
			For 1" Mesh Fabric, Add	1,441.36	
			For 1-1/4" Mesh Fabric, Add	927.77	
			For 1-3/4" Mesh Fabric, Add	576.55	
			For 2-1/8" Mesh Fabric, Deduct	-288.27	
			For Gate With Barb Wire Arm, Add	364.48	
			For Vinyl Coated, Add	994.04	
32 31 13	13-0602	EA	14' Long x 9' High Chain Link Galvanized Steel Sliding Gate	5,569.41	851.83
			For 1" Mesh Fabric, Add	1,681.59	
			For 1-1/4" Mesh Fabric, Add	1,082.40	
			For 1-3/4" Mesh Fabric, Add	672.64	
			For 2-1/8" Mesh Fabric, Deduct	-336.32	
			For Gate With Barb Wire Arm, Add	425.23	
			For Vinyl Coated, Add	1,159.72	
32 31 13	13-0603	EA	16' Long x 9' High Chain Link Galvanized Steel Sliding Gate	6,365.75	973.92
			For 1" Mesh Fabric, Add	1,921.81	
			For 1-1/4" Mesh Fabric, Add	1,237.03	
			For 1-3/4" Mesh Fabric, Add	768.73	
			For 2-1/8" Mesh Fabric, Deduct	-384.36	
			For Gate With Barb Wire Arm, Add	485.98	
			For Vinyl Coated, Add	1,325.39	
32 31 13	13-0604	EA	18' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,161.37	1,095.57
			For 1" Mesh Fabric, Add	2,162.05	
			For 1-1/4" Mesh Fabric, Add	1,391.66	
			For 1-3/4" Mesh Fabric, Add	864.82	
			For 2-1/8" Mesh Fabric, Deduct	-432.41	
			For Gate With Barb Wire Arm, Add	546.72	
			For Vinyl Coated, Add	1,491.07	
32 31 13	13-0605	EA	20' Long x 9' High Chain Link Galvanized Steel Sliding Gate	7,956.95	1,217.21
			For 1" Mesh Fabric, Add	2,402.27	
			For 1-1/4" Mesh Fabric, Add	1,546.29	
			For 1-3/4" Mesh Fabric, Add	960.91	
			For 2-1/8" Mesh Fabric, Deduct	-480.45	
			For Gate With Barb Wire Arm, Add	607.47	
			For Vinyl Coated, Add	1,656.74	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0606	EA	24' Long x 9' High Chain Link Galvanized Steel Sliding Gate	9,499.40	1,460.49
			For 1" Mesh Fabric, Add	2,861.58	
			For 1-1/4" Mesh Fabric, Add	1,841.94	
			For 1-3/4" Mesh Fabric, Add	1,144.63	
			For 2-1/8" Mesh Fabric, Deduct	-572.32	
			For Gate With Barb Wire Arm, Add	723.62	
			For Vinyl Coated, Add	1,973.50	
32 31 13	13-0607	EA	30' Long x 9' High Chain Link Galvanized Steel Sliding Gate	11,934.42	1,825.42
			For 1" Mesh Fabric, Add	3,603.41	
			For 1-1/4" Mesh Fabric, Add	2,319.43	
			For 1-3/4" Mesh Fabric, Add	1,441.36	
			For 2-1/8" Mesh Fabric, Deduct	-720.68	
			For Gate With Barb Wire Arm, Add	911.21	
			For Vinyl Coated, Add	2,485.11	
32 31 13	13-0608	EA	40' Long x 9' High Chain Link Galvanized Steel Sliding Gate	15,916.55	2,435.87
			For 1" Mesh Fabric, Add	4,804.55	
			For 1-1/4" Mesh Fabric, Add	3,092.58	
			For 1-3/4" Mesh Fabric, Add	1,921.82	
			For 2-1/8" Mesh Fabric, Deduct	-960.91	
			For Gate With Barb Wire Arm, Add	1,214.94	
			For Vinyl Coated, Add	3,313.48	
32 31 13	13-0609		10' High Chain Link Galvanized Steel Sliding Gate <small>(32 31 13 13-0548)</small>		
32 31 13	13-0610	EA	10' Long x 10' High Chain Link Galvanized Steel Sliding Gate	4,222.98	671.49
			For 1" Mesh Fabric, Add	1,252.80	
			For 1-1/4" Mesh Fabric, Add	806.40	
			For 1-3/4" Mesh Fabric, Add	501.12	
			For 2-1/8" Mesh Fabric, Deduct	-250.56	
			For Gate With Barb Wire Arm, Add	316.80	
			For Vinyl Coated, Add	864.00	
32 31 13	13-0611	EA	12' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,067.58	805.77
			For 1" Mesh Fabric, Add	1,503.36	
			For 1-1/4" Mesh Fabric, Add	967.68	
			For 1-3/4" Mesh Fabric, Add	601.34	
			For 2-1/8" Mesh Fabric, Deduct	-300.67	
			For Gate With Barb Wire Arm, Add	380.16	
			For Vinyl Coated, Add	1,036.80	
32 31 13	13-0612	EA	14' Long x 10' High Chain Link Galvanized Steel Sliding Gate	5,912.63	940.27
			For 1" Mesh Fabric, Add	1,753.92	
			For 1-1/4" Mesh Fabric, Add	1,128.96	
			For 1-3/4" Mesh Fabric, Add	701.57	
			For 2-1/8" Mesh Fabric, Deduct	-350.78	
			For Gate With Barb Wire Arm, Add	443.52	
			For Vinyl Coated, Add	1,209.60	
32 31 13	13-0613	EA	16' Long x 10' High Chain Link Galvanized Steel Sliding Gate	6,757.03	1,074.54
			For 1" Mesh Fabric, Add	2,004.48	
			For 1-1/4" Mesh Fabric, Add	1,290.24	
			For 1-3/4" Mesh Fabric, Add	801.79	
			For 2-1/8" Mesh Fabric, Deduct	-400.90	
			For Gate With Barb Wire Arm, Add	506.88	
			For Vinyl Coated, Add	1,382.40	
32 31 13	13-0614	EA	18' Long x 10' High Chain Link Galvanized Steel Sliding Gate	7,601.35	1,208.70
			For 1" Mesh Fabric, Add	2,255.03	
			For 1-1/4" Mesh Fabric, Add	1,451.51	
			For 1-3/4" Mesh Fabric, Add	902.01	
			For 2-1/8" Mesh Fabric, Deduct	-451.01	
			For Gate With Barb Wire Arm, Add	570.24	
			For Vinyl Coated, Add	1,555.19	
32 31 13	13-0615	EA	20' Long x 10' High Chain Link Galvanized Steel Sliding Gate	8,445.96	1,342.98
			For 1" Mesh Fabric, Add	2,505.60	
			For 1-1/4" Mesh Fabric, Add	1,612.80	
			For 1-3/4" Mesh Fabric, Add	1,002.24	
			For 2-1/8" Mesh Fabric, Deduct	-501.12	
			For Gate With Barb Wire Arm, Add	633.60	
			For Vinyl Coated, Add	1,728.00	
32 31 13	13-0616	EA	24' Long x 10' High Chain Link Galvanized Steel Sliding Gate	10,085.60	1,612.21
			For 1" Mesh Fabric, Add	2,984.66	
			For 1-1/4" Mesh Fabric, Add	1,921.16	
			For 1-3/4" Mesh Fabric, Add	1,193.86	
			For 2-1/8" Mesh Fabric, Deduct	-596.93	
			For Gate With Barb Wire Arm, Add	754.74	
			For Vinyl Coated, Add	2,058.38	
32 31 13	13-0617	EA	30' Long x 10' High Chain Link Galvanized Steel Sliding Gate	12,668.94	2,014.48
			For 1" Mesh Fabric, Add	3,758.39	
			For 1-1/4" Mesh Fabric, Add	2,419.19	
			For 1-3/4" Mesh Fabric, Add	1,503.36	
			For 2-1/8" Mesh Fabric, Deduct	-751.68	
			For Gate With Barb Wire Arm, Add	950.40	
			For Vinyl Coated, Add	2,591.99	
32 31 13	13-0618	EA	40' Long x 10' High Chain Link Galvanized Steel Sliding Gate	16,888.71	2,684.40
			For 1" Mesh Fabric, Add	5,011.20	
			For 1-1/4" Mesh Fabric, Add	3,225.60	
			For 1-3/4" Mesh Fabric, Add	2,004.48	
			For 2-1/8" Mesh Fabric, Deduct	-1,002.24	
			For Gate With Barb Wire Arm, Add	1,267.20	
			For Vinyl Coated, Add	3,456.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0619 Sliding Cantilever Gate, Single Track, Manually Operated Exposed Roller ⁽³²⁾ <small>^{31 13 13-0265}</small> Note: Includes posts (3" diameter posts for up to 15' wide gate and 4" diameter over 15' wide), caps, upper rail, track brackets, roller gate wheel carrier, metal track rollers for rail, 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes truss rod, latches, single track, track rollers with brackets, pipe track clamps and two wheel carriers. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate. See CSI section 32 31 11 00-0021 for gate operators.		
32 31 13 13-0620 EA 5' High x 10' Wide Galvanized Cantilever Sliding Gate.....	5,827.72	447.21
For 1" Mesh Fabric, Add	2,145.98	
For 1-1/4" Mesh Fabric, Add	1,381.32	
For 1-3/4" Mesh Fabric, Add	858.39	
For 2-1/8" Mesh Fabric, Deduct	-429.20	
For Gate With Single Barb Wire Arm, Add	542.66	
For Gate With Double Barb Wire Arm, Add	789.33	
For Aluminized Steel Gate And Post, Add	2,367.98	
For Powder Coated Gate And Post, Add	1,035.99	
For Vinyl Coated, Add	1,479.99	
32 31 13 13-0621 EA 5' High x 12' Wide Galvanized Cantilever Sliding Gate.....	6,387.14	559.02
For 1" Mesh Fabric, Add	2,292.06	
For 1-1/4" Mesh Fabric, Add	1,475.35	
For 1-3/4" Mesh Fabric, Add	916.83	
For 2-1/8" Mesh Fabric, Deduct	-458.41	
For Gate With Single Barb Wire Arm, Add	579.60	
For Gate With Double Barb Wire Arm, Add	843.06	
For Aluminized Steel Gate And Post, Add	2,529.17	
For Powder Coated Gate And Post, Add	1,106.51	
For Vinyl Coated, Add	1,580.73	
32 31 13 13-0622 EA 5' High x 15' Wide Galvanized Cantilever Sliding Gate.....	6,951.19	670.82
For 1" Mesh Fabric, Add	2,440.15	
For 1-1/4" Mesh Fabric, Add	1,570.67	
For 1-3/4" Mesh Fabric, Add	976.06	
For 2-1/8" Mesh Fabric, Deduct	-488.03	
For Gate With Single Barb Wire Arm, Add	617.05	
For Gate With Double Barb Wire Arm, Add	897.53	
For Aluminized Steel Gate And Post, Add	2,692.58	
For Powder Coated Gate And Post, Add	1,178.01	
For Vinyl Coated, Add	1,682.87	
32 31 13 13-0623 EA 5' High x 20' Wide Galvanized Cantilever Sliding Gate.....	8,146.33	894.43
For 1" Mesh Fabric, Add	2,765.50	
For 1-1/4" Mesh Fabric, Add	1,780.09	
For 1-3/4" Mesh Fabric, Add	1,106.20	
For 2-1/8" Mesh Fabric, Deduct	-553.10	
For Gate With Single Barb Wire Arm, Add	699.32	
For Gate With Double Barb Wire Arm, Add	1,017.20	
For Aluminized Steel Gate And Post, Add	3,051.59	
For Powder Coated Gate And Post, Add	1,335.07	
For Vinyl Coated, Add	1,907.24	
32 31 13 13-0624 EA 6' High x 15' Wide Galvanized Cantilever Sliding Gate.....	7,566.02	894.43
For 1" Mesh Fabric, Add	2,513.07	
For 1-1/4" Mesh Fabric, Add	1,617.61	
For 1-3/4" Mesh Fabric, Add	1,005.23	
For 2-1/8" Mesh Fabric, Deduct	-502.61	
For Gate With Single Barb Wire Arm, Add	635.49	
For Gate With Double Barb Wire Arm, Add	924.35	
For Aluminized Steel Gate And Post, Add	2,773.04	
For Powder Coated Gate And Post, Add	1,213.21	
For Vinyl Coated, Add	1,733.15	
32 31 13 13-0625 EA 6' High x 20' Wide Galvanized Cantilever Sliding Gate.....	8,854.13	1,173.93
For 1" Mesh Fabric, Add	2,830.22	
For 1-1/4" Mesh Fabric, Add	1,821.75	
For 1-3/4" Mesh Fabric, Add	1,132.09	
For 2-1/8" Mesh Fabric, Deduct	-566.04	
For Gate With Single Barb Wire Arm, Add	715.69	
For Gate With Double Barb Wire Arm, Add	1,041.00	
For Aluminized Steel Gate And Post, Add	3,123.00	
For Powder Coated Gate And Post, Add	1,366.31	
For Vinyl Coated, Add	1,951.88	
32 31 13 13-0626 EA 6' High x 25' Wide Galvanized Cantilever Sliding Gate.....	11,749.82	1,453.45
For 1" Mesh Fabric, Add	3,846.67	
For 1-1/4" Mesh Fabric, Add	2,476.02	
For 1-3/4" Mesh Fabric, Add	1,538.67	
For 2-1/8" Mesh Fabric, Deduct	-769.33	
For Gate With Single Barb Wire Arm, Add	972.72	
For Gate With Double Barb Wire Arm, Add	1,414.87	
For Aluminized Steel Gate And Post, Add	4,244.60	
For Powder Coated Gate And Post, Add	1,857.01	
For Vinyl Coated, Add	2,652.88	
32 31 13 13-0627 EA 6' High x 30' Wide Galvanized Cantilever Sliding Gate.....	13,225.17	1,732.95
For 1" Mesh Fabric, Add	4,245.28	
For 1-1/4" Mesh Fabric, Add	2,732.59	
For 1-3/4" Mesh Fabric, Add	1,698.11	
For 2-1/8" Mesh Fabric, Deduct	-849.06	
For Gate With Single Barb Wire Arm, Add	1,073.52	
For Gate With Double Barb Wire Arm, Add	1,561.48	
For Aluminized Steel Gate And Post, Add	4,684.44	
For Powder Coated Gate And Post, Add	2,049.44	
For Vinyl Coated, Add	2,927.78	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13	13-0628	EA	8' High x 15' Wide Galvanized Cantilever Sliding Gate.....	8,845.78	1,118.03
			<i>For 1" Mesh Fabric, Add</i>	2,875.22	
			<i>For 1-1/4" Mesh Fabric, Add</i>	1,850.72	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,150.09	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-575.04	
			<i>For Gate With Single Barb Wire Arm, Add</i>	727.07	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,057.55	
			<i>For Aluminized Steel Gate And Post, Add</i>	3,172.66	
			<i>For Powder Coated Gate And Post, Add</i>	1,388.04	
			<i>For Vinyl Coated, Add</i>	1,982.91	
32 31 13	13-0629	EA	8' High x 20' Wide Galvanized Cantilever Sliding Gate.....	10,461.31	1,509.35
			<i>For 1" Mesh Fabric, Add</i>	3,237.54	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2,083.93	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,295.01	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-647.51	
			<i>For Gate With Single Barb Wire Arm, Add</i>	818.69	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,190.82	
			<i>For Aluminized Steel Gate And Post, Add</i>	3,572.45	
			<i>For Powder Coated Gate And Post, Add</i>	1,562.95	
			<i>For Vinyl Coated, Add</i>	2,232.78	
32 31 13	13-0630	EA	8' High x 25' Wide Galvanized Cantilever Sliding Gate.....	13,916.83	1,900.66
			<i>For 1" Mesh Fabric, Add</i>	4,400.25	
			<i>For 1-1/4" Mesh Fabric, Add</i>	2,832.34	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,760.10	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-880.05	
			<i>For Gate With Single Barb Wire Arm, Add</i>	1,112.71	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,618.48	
			<i>For Aluminized Steel Gate And Post, Add</i>	4,855.44	
			<i>For Powder Coated Gate And Post, Add</i>	2,124.26	
			<i>For Vinyl Coated, Add</i>	3,034.65	
32 31 13	13-0631	EA	8' High x 30' Wide Galvanized Cantilever Sliding Gate.....	15,634.60	2,236.07
			<i>For 1" Mesh Fabric, Add</i>	4,855.67	
			<i>For 1-1/4" Mesh Fabric, Add</i>	3,125.49	
			<i>For 1-3/4" Mesh Fabric, Add</i>	1,942.27	
			<i>For 2-1/8" Mesh Fabric, Deduct</i>	-971.13	
			<i>For Gate With Single Barb Wire Arm, Add</i>	1,227.87	
			<i>For Gate With Double Barb Wire Arm, Add</i>	1,785.99	
			<i>For Aluminized Steel Gate And Post, Add</i>	5,357.98	
			<i>For Powder Coated Gate And Post, Add</i>	2,344.12	
			<i>For Vinyl Coated, Add</i>	3,348.74	
32 31 13	13-0632		Gate Accessories <small>(32 31 13 13-0265)</small>		
32 31 13	13-0633	EA	Gate Center Stop, Cast Steel, Ground	46.09	
32 31 13	13-0634	EA	Gate Latch, Malleable Galvanized Steel.....	51.67	
32 31 13	13-0635	EA	Gate Keeper, Full Length, Galvanized Steel.....	241.46	
32 31 13	13-0636	EA	Gate Keeper Hold-Open For Cantilever Gate.....	104.41	17.76
32 31 13	13-0637	EA	Heavy Duty Gate Latch, Malleable Galvanized Steel	58.63	
32 31 13	13-0638	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For 3' To 5' High Gate.....	1,131.97	
32 31 13	13-0639	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >5' To 8' High Gate	1,212.49	
32 31 13	13-0640	EA	Gate Keeper, Full Length, Stainless Steel, Internal Locking Device With 3/4" Stainless Steel Rod For >8' To 12' High Gate	1,293.01	
32 31 13	13-0641	LF	Aluminum V-Groove Gate Track	58.46	10.01
32 31 13	13-0642	LF	Galvanized Steel V-Groove Gate Track.....	43.58	10.01
32 31 13	13-0643		Vertical-Pivot Lift Gate <small>(32 31 13 13-0265)</small>		
			Note: Includes 2" diameter Schedule 40 pipe frame top and bottom bar, and 1-1/2" bracing. Includes operator. Fabric: galvanized chain link 2" mesh # 9 gauge, galvanized 1.2 ounce coating. Width listed on tasks is opening width of gate.		
32 31 13	13-0644	EA	5' High x 12' Wide Galvanized Vertical-Pivot Lift Gate.....	22,590.70	838.53
			<i>For Curb Notch, Add</i>	239.00	
			<i>For Rewired Loop Kit, Add</i>	245.00	
32 31 13	13-0645	EA	5' High x 14' Wide Galvanized Vertical-Pivot Lift Gate.....	22,926.10	1,006.24
			<i>For Curb Notch, Add</i>	239.00	
			<i>For Rewired Loop Kit, Add</i>	245.00	
32 31 13	13-0646	EA	5' High x 16' Wide Galvanized Vertical-Pivot Lift Gate.....	23,261.52	1,173.93
			<i>For Curb Notch, Add</i>	239.00	
			<i>For Rewired Loop Kit, Add</i>	245.00	
			<i>For Wind Bracing, Add</i>	287.50	
32 31 13	13-0647	EA	5' High x 18' Wide Galvanized Vertical-Pivot Lift Gate.....	23,859.16	1,341.64
			<i>For Curb Notch, Add</i>	239.00	
			<i>For Rewired Loop Kit, Add</i>	245.00	
			<i>For Wind Bracing, Add</i>	317.50	
32 31 13	13-0648	EA	5' High x 20' Wide Galvanized Vertical-Pivot Lift Gate.....	24,443.71	1,509.35
			<i>For Curb Notch, Add</i>	239.00	
			<i>For Rewired Loop Kit, Add</i>	245.00	
			<i>For Wind Bracing, Add</i>	317.50	
32 31 13	13-0649	EA	6' High x 12' Wide Galvanized Vertical-Pivot Lift Gate.....	23,605.18	1,090.08
			<i>For Curb Notch, Add</i>	239.00	
			<i>For Rewired Loop Kit, Add</i>	245.00	
32 31 13	13-0650	EA	6' High x 14' Wide Galvanized Vertical-Pivot Lift Gate.....	23,940.59	1,257.79
			<i>For Curb Notch, Add</i>	239.00	
			<i>For Rewired Loop Kit, Add</i>	245.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0651 EA 6' High x 16' Wide Galvanized Vertical-Pivot Lift Gate..... <i>For Curb Notch, Add</i> <i>For Prewired Loop Kit, Add</i> <i>For Wind Bracing, Add</i>	24,276.00 239.00 245.00 287.50	1,425.50
32 31 13 13-0652 EA 6' High x 18' Wide Galvanized Vertical-Pivot Lift Gate..... <i>For Curb Notch, Add</i> <i>For Prewired Loop Kit, Add</i> <i>For Wind Bracing, Add</i>	24,755.64 239.00 245.00 317.50	1,593.20
32 31 13 13-0653 EA 6' High x 20' Wide Galvanized Vertical-Pivot Lift Gate..... <i>For Curb Notch, Add</i> <i>For Prewired Loop Kit, Add</i> <i>For Wind Bracing, Add</i>	25,458.19 239.00 245.00 317.50	1,760.90
32 31 13 13-0654 Accessories <small>(32 31 13 13)</small>		
32 31 13 13-0655 Barbed And Concertina Wire <small>(32 31 13 13-0654)</small>		
32 31 13 13-0656 Single Strand Barbed Wire <small>(32 31 13 13-0655)</small>		
32 31 13 13-0657 LF Galvanized Barbed Wire, Per Strand..... Note: Includes clips. 4 points 12-1/2 Gauge, Class I. <i>For >500 To 2,000, Deduct</i> <i>For >2,000, Deduct</i>	1.02 -0.10 -0.15	0.47
32 31 13 13-0658 LF Vinyl Coated Barbed Wire (Fused), Per Strand..... Note: Includes clips. <i>For >500 To 2,000, Deduct</i> <i>For >2,000, Deduct</i>	1.16 -0.10 -0.16	0.47
32 31 13 13-0659 EA Barbed Wire Extension Arms 3 Strands (Single Arm).....	11.42	7.48
32 31 13 13-0660 EA Barbed Wire Extension Arms 6 Strands (Double Arm).....	18.67	8.97
32 31 13 13-0661 EA Barbed Wire Eye Tops (For Single Strand).....	11.63	7.48
32 31 13 13-0662 Galvanized Steel Concertina (Razor) Wire, Single Coil <small>(32 31 13 13-0655)</small>		
32 31 13 13-0663 LF 18" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For >500 To 1,500, Deduct</i> <i>For >1,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	5.09 -0.43 -0.86 -1.21 -0.47 4.16	0.65
32 31 13 13-0664 LF 18" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For >500 To 1,500, Deduct</i> <i>For >1,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	7.67 -0.65 -1.29 -1.81 -0.70 6.27	0.65
32 31 13 13-0665 LF 18" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For >500 To 1,500, Deduct</i> <i>For >1,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	10.17 -0.86 -1.71 -2.41 -0.94 8.30	0.65
32 31 13 13-0666 LF 24" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For >500 To 1,500, Deduct</i> <i>For >1,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	8.92 -0.72 -1.44 -1.99 -0.52 7.89	0.65
32 31 13 13-0667 LF 24" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For >500 To 1,500, Deduct</i> <i>For >1,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	13.50 -1.09 -2.18 -3.01 -0.78 11.94	0.65
32 31 13 13-0668 LF 24" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For >500 To 1,500, Deduct</i> <i>For >1,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	17.82 -1.44 -2.88 -3.98 -1.03 15.76	0.65
32 31 13 13-0669 LF 30" Diameter, 18" On Center Galvanized Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence..... <i>For >500 To 1,500, Deduct</i> <i>For >1,500 To 5,000, Deduct</i> <i>For >5,000, Deduct</i> <i>For Ground Installation, Deduct</i> <i>For Double Coil (Helix), Add</i>	29.22 -2.25 -4.50 -6.08 -0.58 28.06	0.65

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0670	LF		30" Diameter, 12" On Center Galvanized Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	44.24	0.65
			<i>For >500 To 1,500, Deduct</i>	-3.41	
			<i>For >1,500 To 5,000, Deduct</i>	-6.81	
			<i>For >5,000, Deduct</i>	-9.20	
			<i>For Ground Installation, Deduct</i>	-0.88	
			<i>For Double Coil (Helix), Add</i>	42.49	
32 31 13 13-0671	LF		30" Diameter, 9" On Center Galvanized Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	58.44	0.65
			<i>For >500 To 1,500, Deduct</i>	-4.50	
			<i>For >1,500 To 5,000, Deduct</i>	-9.00	
			<i>For >5,000, Deduct</i>	-12.16	
			<i>For Ground Installation, Deduct</i>	-1.17	
			<i>For Double Coil (Helix), Add</i>	56.11	
32 31 13 13-0672			Stainless Steel Concertina (Razor) Wire, Single Coil <small>(32 31 13 13-0655)</small>		
32 31 13 13-0673	LF		18" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	9.70	0.65
			<i>For >500 To 1,500, Deduct</i>	-0.77	
			<i>For >1,500 To 5,000, Deduct</i>	-1.55	
			<i>For >5,000, Deduct</i>	-2.13	
			<i>For Ground Installation, Deduct</i>	-0.47	
			<i>For Double Coil (Helix), Add</i>	8.77	
32 31 13 13-0674	LF		18" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	14.67	0.65
			<i>For >500 To 1,500, Deduct</i>	-1.17	
			<i>For >1,500 To 5,000, Deduct</i>	-2.34	
			<i>For >5,000, Deduct</i>	-3.21	
			<i>For Ground Installation, Deduct</i>	-0.70	
			<i>For Double Coil (Helix), Add</i>	13.27	
32 31 13 13-0675	LF		18" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	19.40	0.65
			<i>For >500 To 1,500, Deduct</i>	-1.55	
			<i>For >1,500 To 5,000, Deduct</i>	-3.10	
			<i>For >5,000, Deduct</i>	-4.25	
			<i>For Ground Installation, Deduct</i>	-0.94	
			<i>For Double Coil (Helix), Add</i>	17.53	
32 31 13 13-0676	LF		24" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	12.84	0.65
			<i>For >500 To 1,500, Deduct</i>	-1.01	
			<i>For >1,500 To 5,000, Deduct</i>	-2.03	
			<i>For >5,000, Deduct</i>	-2.78	
			<i>For Ground Installation, Deduct</i>	-0.52	
			<i>For Double Coil (Helix), Add</i>	11.81	
32 31 13 13-0677	LF		24" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	19.44	0.65
			<i>For >500 To 1,500, Deduct</i>	-1.54	
			<i>For >1,500 To 5,000, Deduct</i>	-3.07	
			<i>For >5,000, Deduct</i>	-4.20	
			<i>For Ground Installation, Deduct</i>	-0.78	
			<i>For Double Coil (Helix), Add</i>	17.88	
32 31 13 13-0678	LF		24" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	25.66	0.65
			<i>For >500 To 1,500, Deduct</i>	-2.03	
			<i>For >1,500 To 5,000, Deduct</i>	-4.06	
			<i>For >5,000, Deduct</i>	-5.54	
			<i>For Ground Installation, Deduct</i>	-1.03	
			<i>For Double Coil (Helix), Add</i>	23.60	
32 31 13 13-0679	LF		30" Diameter, 18" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 6th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	44.04	0.65
			<i>For >500 To 1,500, Deduct</i>	-3.36	
			<i>For >1,500 To 5,000, Deduct</i>	-6.72	
			<i>For >5,000, Deduct</i>	-9.04	
			<i>For Ground Installation, Deduct</i>	-0.58	
			<i>For Double Coil (Helix), Add</i>	42.88	
32 31 13 13-0680	LF		30" Diameter, 12" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 4th Barb On Top Of Chain Link Fence, Per LF Of Fence.....	66.70	0.65
			<i>For >500 To 1,500, Deduct</i>	-5.09	
			<i>For >1,500 To 5,000, Deduct</i>	-10.18	
			<i>For >5,000, Deduct</i>	-13.69	
			<i>For Ground Installation, Deduct</i>	-0.88	
			<i>For Double Coil (Helix), Add</i>	64.95	
32 31 13 13-0681	LF		30" Diameter, 9" On Center, Stainless Steel Concertina (Razor) Wire, Attach To Every 3rd Barb On Top Of Chain Link Fence, Per LF Of Fence.....	88.08	0.65
			<i>For >500 To 1,500, Deduct</i>	-6.72	
			<i>For >1,500 To 5,000, Deduct</i>	-13.45	
			<i>For >5,000, Deduct</i>	-18.08	
			<i>For Ground Installation, Deduct</i>	-1.17	
			<i>For Double Coil (Helix), Add</i>	85.75	
32 31 13 13-0682			Grounding For Gates <small>(32 31 13 13-0654)</small>		
			Note: Includes two of each of the following per opening: 5/8 ground rods, clamps, braided straps and #6 bare copper wire.		
32 31 13 13-0683	OPNG		Grounding For Gates (Per Opening).....	429.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0684	Coiled Spring Reinforcing Wire <small>(32 31 13 13-0654)</small>	
32 31 13 13-0685	Galvanized Steel <small>(32 31 13 13-0684)</small>	
32 31 13 13-0686	LF 7 Gauge, Galvanized Steel, Reinforcing Wire Coiled Spring	1.13 0.47
32 31 13 13-0687	Vinyl Coated Steel <small>(32 31 13 13-0684)</small>	
32 31 13 13-0688	LF 9 Gauge, Vinyl Coated Steel, Reinforcing Wire Coiled Spring	1.13 0.47
32 31 13 13-0689	Bending Of Fabric Around Pipe Railings <small>(32 31 13 13-0654)</small>	
	Note: Only where specified.	
32 31 13 13-0690	LF Bend Chain Link Fence Fabric Around Pipe Railing, Top	1.47
32 31 13 13-0691	LF Bend Chain Link Fence Fabric Around Pipe Railing, Bottom	1.28
32 31 13 13-0692	Mounting Plate With Anchors Or Bolts <small>(32 31 13 13-0654)</small>	
	Note: For drilling for anchor or bolts, installing post on or against flat surface.	
32 31 13 13-0693	EA Mounting Plate For 1-5/8" Diameter Post	44.38
32 31 13 13-0694	EA Mounting Plate For 2" Diameter Post	45.15
32 31 13 13-0695	EA Mounting Plate For 2-1/2" Diameter Post	46.38
32 31 13 13-0696	EA Mounting Plate For 3" Diameter Post	56.11
32 31 13 13-0697	EA Mounting Plate For 4" Diameter Post	64.67
32 31 13 13-0698	EA Mounting Plate For 6-5/8" Diameter Post	75.13
32 31 13 13-0699	EA Mounting Plate For 8-5/8" Diameter Post	88.77
32 31 13 13-0700	Tension Bar <small>(32 31 13 13-0654)</small>	
32 31 13 13-0701	EA 3' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	15.70
32 31 13 13-0702	EA 3-1/2' Long x 5/8" Wide x 3/16" Thick Galvanized Steel Tension Bar	16.71
32 31 13 13-0703	EA 4' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	20.77
32 31 13 13-0704	EA 5' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	24.14
32 31 13 13-0705	EA 6' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	28.61
32 31 13 13-0706	EA 7' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	33.28
32 31 13 13-0707	EA 8' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	37.66
32 31 13 13-0708	EA 9' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	45.34
32 31 13 13-0709	EA 10' Long x 3/4" Wide x 3/16" Thick Galvanized Steel Tension Bar	54.29
32 31 13 13-0710	Truss Rods <small>(32 31 13 13-0654)</small>	
32 31 13 13-0711	LF 3/8" Diameter Truss Rods	2.10 0.52
32 31 13 13-0712	Fence And Gate Repair And Replacement <small>(32 31 13 13)</small>	
32 31 13 13-0713	Fence And Gate Parts Replacement <small>(32 31 13 13-0712)</small>	
32 31 13 13-0714	EA Cantilever Roller Assembly, Ball Bearing With Fittings, Replacement	125.80
32 31 13 13-0715	EA Sliding Gate Roller Assembly Replacement	121.85
32 31 13 13-0716	EA Rod And Lock Gate Keeper Replacement	126.10
32 31 13 13-0717	EA Galvanized Gate Holdback Replacement	26.85
32 31 13 13-0718	LF 3/8" Cross Bracing Rod Replacement	1.61
32 31 13 13-0719	LF 1-5/8" Diagonal Pipe Bracing Replacement	2.53
32 31 13 13-0720	EA 2-3/8" To 2-1/2" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	27.55
32 31 13 13-0721	EA 2-7/8" To 3" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	31.33
32 31 13 13-0722	EA 3-1/2" To 4" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	35.26
32 31 13 13-0723	EA 6-1/2" To 6-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	52.69
32 31 13 13-0724	EA 8-5/8" Diameter Galvanized Steel Gate Hinge With Bolts, Replacement	128.42
32 31 13 13-0725	EA 2-1/2" x 2" Off Set Gate Hinge Replacement	25.69
32 31 13 13-0726	EA 3" x 2" Off Set Gate Hinge Replacement	26.79
32 31 13 13-0727	EA 4" x 2" Off Set Gate Hinge Replacement	28.56
32 31 13 13-0728	EA 6-5/8" x 2" Off Set Gate Hinge Replacement	47.65
32 31 13 13-0729	EA 8-5/8" x 2" Off Set Gate Hinge Replacement	76.01
32 31 13 13-0730	EA 1-5/8" Aluminum Die-Cast Post Cap Replacement	5.50
32 31 13 13-0731	EA 2" Aluminum Die-Cast Post Cap Replacement	6.04
32 31 13 13-0732	EA 2-1/2" Aluminum Die-Cast Post Cap Replacement	7.10
32 31 13 13-0733	EA 3" Aluminum Die-Cast Post Cap Replacement	8.33
32 31 13 13-0734	EA 2" Galvanized Post Cap Replacement	6.14
32 31 13 13-0735	EA 2-1/2" Galvanized Post Cap Replacement	6.64
32 31 13 13-0736	EA 3" Galvanized Post Cap Replacement	7.64
32 31 13 13-0737	EA 4" Galvanized Post Cap Replacement	11.60
32 31 13 13-0738	EA 6-5/8" Galvanized Post Cap Replacement	22.53
32 31 13 13-0739	EA 8-5/8" Galvanized Post Cap Replacement	37.31
32 31 13 13-0740	EA 1-5/8" Boulevard Clamp Replacement	10.15
32 31 13 13-0741	EA 2" Boulevard Clamp Replacement	12.40
32 31 13 13-0742	EA 2-1/2" Boulevard Clamp Replacement	14.53
32 31 13 13-0743	EA 3" Boulevard Clamp Replacement	17.63
32 31 13 13-0744	EA 1-5/8" Gate Brace Or End Rail Clamp Replacement	9.93
32 31 13 13-0745	EA 2" Gate Brace Or End Rail Clamp Replacement	12.09
32 31 13 13-0746	EA 2-1/2" Gate Brace Or End Rail Clamp Replacement	14.23
32 31 13 13-0747	EA 1-3/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.31
32 31 13 13-0748	EA 1-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.41
32 31 13 13-0749	EA 2" Heavy Duty Galvanized Tension Band With Bolt, Replacement	10.67

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 13-0750 EA 2-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	10.55	
32 31 13 13-0751 EA 3" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	10.75	
32 31 13 13-0752 EA 3-1/2" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	10.91	
32 31 13 13-0753 EA 4" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	11.38	
32 31 13 13-0754 EA 6-5/8" Heavy Duty Galvanized Tension Band With Bolt, Replacement.....	14.81	
32 31 13 13-0755 EA 3" Gate Brace Or End Rail Clamp Replacement.....	17.31	
32 31 13 13-0756 Removal And Reinstallation Of Chain Link Fences (32 31 13 13) Note: Includes removal, storage, cleaning and reinstallation of fence fabric, rails and other components. Excludes post work.		
32 31 13 13-0757 LF Removal And Reinstallation Of Chain Link Fence Up To 5' Height.....	18.70	
32 31 13 13-0758 LF Removal And Reinstallation Of Chain Link Fence 6' To 12' Height	28.04	
32 31 13 13-0759 Ballfield Fencing (32 31 13 13) See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 13-0760 Concrete Bases For Ballfield Poles, Cast In Place (32 31 13 13-0759) Note: Includes excavation/drilling, concrete, reinforcement, forms for exposed base, anchors/supports and backfill.		
32 31 13 13-0761 VLF 2-1/2" Diameter Concrete Base For Ballfield Poles.....	124.32	
32 31 13 13-0762 VLF 3" Diameter Concrete Base For Ballfield Poles.....	145.95	
32 31 13 13-0763 VLF 3-1/2" Diameter Concrete Base For Ballfield Poles.....	181.99	
32 31 13 13-0764 VLF 4" Diameter Concrete Base For Ballfield Poles.....	214.14	
32 31 13 13-0765 Ballfield Poles (32 31 13 13-0759)		
32 31 13 13-0766 EA 20" Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting	7,818.45	620.46
Note: 10' above grade		
32 31 13 13-0767 EA 25" Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting	9,697.53	775.58
Note: 15' above grade		
32 31 13 13-0768 EA 30" Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting	11,138.56	930.70
Note: 20' above grade		
32 31 13 13-0769 EA 40" Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting	15,002.98	1,085.81
Note: 30' above grade		
32 31 13 13-0770 EA 50" Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting	20,142.77	1,240.93
Note: 40' above grade		
32 31 13 13-0771 EA 60" Galvanized Steel Pole, 24" Diameter At Base For Ballfield Netting	22,507.39	1,396.04
Note: 50' above grade		
32 31 13 13-0772 Ballfield Nylon Netting (32 31 13 13-0759) Note: Excludes fastening clips and cabling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0773 LF 10' High, #18 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	1.66	
32 31 13 13-0774 LF 10' High, #21 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	1.70	
32 31 13 13-0775 LF 10' High, #36 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	1.92	
32 31 13 13-0776 LF 10' High, #42 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	2.18	
32 31 13 13-0777 LF 10' High, #48 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	2.42	
32 31 13 13-0778 LF 10' High, #60 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	3.23	
32 31 13 13-0779 LF 10' High, #72 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	3.66	
32 31 13 13-0780 LF 10' High, #96 Black Twisted Knotted Nylon Square 1-3/4" Mesh With Sewn Borders For Ballfield Netting.....	4.77	
32 31 13 13-0781 Ballfield Chainlink Netting (32 31 13 13-0759) Note: Excludes fastening clips and cabling See CSI section 05 15 00 00-0000 for cabling and accessories.		
32 31 13 13-0782 SF #9 Gauge Chain Link Fabric, 2" Mesh For Ballfield Netting.....	3.58	1.14
For 13 Gauge Fabric, Deduct	-0.58	
For 11 Gauge Fabric, Deduct	-0.32	
For 6 Gauge Fabric, Add	1.02	
For 1" Mesh Fabric, Add	0.96	
For 1-3/4" Mesh Fabric, Add	0.38	
For 2-1/8" Mesh Fabric, Deduct	-0.19	
For 2-3/8" Mesh Fabric, Deduct	-0.26	
32 31 13 13-0783 Ballfield Netting Accessories (32 31 13 13-0759)		
32 31 13 13-0784 EA Sliding Clip For Ballfield Netting.....	8.19	
32 31 13 13-0785 EA 1/4" Utility Spring Swing Clip For Ballfield Netting	3.64	
32 31 13 13-0786 EA 5/16" Utility Spring Swing Clip For Ballfield Netting	3.84	
32 31 13 13-0787 EA 3/8" Utility Spring Swing Clip For Ballfield Netting	4.14	
32 31 13 33 Chain Link Backstops (32 31 13)		
32 31 13 33-0001 Regulation Baseball Backstop (32 31 13 33) See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0002 EA 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Galvanized.....	12,695.15	1,858.65
32 31 13 33-0003 EA 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Galvanized.....	18,384.21	2,478.19
32 31 13 33-0004 EA 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Galvanized	23,523.82	2,891.23
32 31 13 33-0005 EA 20'-6" Wide x 13' High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	18,083.97	1,858.65
32 31 13 33-0006 EA 34' Wide x 17'-6" High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	26,447.59	2,478.19
32 31 13 33-0007 EA 48'-3-1/2" Wide x 24' High Baseball Backstop Prefabricated With Hood, Vinyl Coated.....	34,164.71	2,891.23

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 13 33-0008 Regulation Softball Backstop <small>(32 31 13 33)</small> See CSI section 32 31 13 13-0001 for auguring holes and concrete.		
32 31 13 33-0009 14' High Softball Backstop <small>(32 31 13 33-0008)</small> Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0010 EA 14' Softball Backstop, Galvanized Regulation	10,762.49	1,944.38
32 31 13 33-0011 EA 14' Softball Backstop, Vinyl Coated Regulation	14,627.45	1,944.38
32 31 13 33-0012 18' High Softball Backstop <small>(32 31 13 33-0008)</small> Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0013 EA 18' Softball Backstop, Galvanized Regulation	12,595.83	2,161.61
32 31 13 33-0014 EA 18' Softball Backstop Vinyl Coated Regulation	17,271.17	2,161.61
32 31 13 33-0015 20' High Softball Backstop <small>(32 31 13 33-0008)</small> Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0016 EA 20' Softball Backstop, Galvanized Regulation	14,311.50	2,279.11
32 31 13 33-0017 EA 20' Softball Backstop, Vinyl Coated Regulation	19,859.63	2,279.11
32 31 13 33-0018 22' High Softball Backstop <small>(32 31 13 33-0008)</small> Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0019 EA 22' Softball Backstop, Galvanized Regulation	16,537.71	2,347.88
32 31 13 33-0020 EA 22' Softball Backstop, Vinyl Coated Regulation	23,207.87	2,347.88
32 31 13 33-0021 24' High Softball Backstop <small>(32 31 13 33-0008)</small> Note: Includes 3" outside diameter posts every 8', top, middle, and bottom brace rails, overhang panel with 9 gauge mesh and 1-1/8" outside diameter frame, 16' of 6 gauge mesh and 32' of 9 gauge mesh.		
32 31 13 33-0022 EA 24' Softball Backstop, Galvanized Regulation	19,749.47	2,683.28
32 31 13 33-0023 EA 24' Softball Backstop, Vinyl Coated Regulation	28,040.41	2,683.28
32 31 16 Welded Wire Fences and Gates <small>(32 31)</small>		
32 31 16 00-0001 Welded Wire Fence <small>(32 31 16)</small>		
32 31 16 00-0002 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh <small>(32 31 16 00-0001)</small> Note: Posts 5' on center.		
32 31 16 00-0003 LF 3' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	9.31	1.66
32 31 16 00-0004 LF 5' High, 12 Gauge Galvanized Steel Welded Wire Fence, 2" x 4" Mesh, Posts At 5'	10.11	1.66
32 31 16 00-0005 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh <small>(32 31 16 00-0001)</small> Note: Posts 5' on center.		
32 31 16 00-0006 LF 3' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	9.15	1.66
32 31 16 00-0007 LF 5' High, 14 Gauge Galvanized Steel Welded Wire Fence, 1" x 2" Mesh, Posts At 5'	9.86	1.66
32 31 19 Decorative Metal Fences and Gates <small>(32 31)</small> See CSI section 32 31 13 13-0001 for drilling and grouting.		
32 31 19 00-0001 Wrought Iron Fence <small>(32 31 19)</small> Note: Factory primed.		
32 31 19 00-0002 Wrought Iron Fence, 3/4" Verticals At >3" To 4" On Center <small>(32 31 19 00-0001)</small> Note: Factory primed 8 foot long panel sections.		
32 31 19 00-0003 LF 3' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	50.18	10.28
<i>For 6' Length Fence Panels With Posts Set 6' O.C., Add</i>	8.97	
<i>For Verticals Up To 2" On Center, Add</i>	9.48	
<i>For Verticals >2" To 2-1/2" On Center, Add</i>	5.92	
<i>For Verticals >2-1/2" To 3" On Center, Add</i>	2.37	
<i>For Verticals >4" To 6" On Center, Deduct</i>	-2.66	
<i>For Pickets Extending Above Top Rail, Add</i>	4.73	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	11.17	
32 31 19 00-0004 LF 4' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	64.51	13.08
<i>For 6' Length Fence Panels With Posts Set 6' O.C., Add</i>	11.44	
<i>For Verticals Up To 2" On Center, Add</i>	12.56	
<i>For Verticals >2" To 2-1/2" On Center, Add</i>	7.85	
<i>For Verticals >2-1/2" To 3" On Center, Add</i>	3.14	
<i>For Verticals >4" To 6" On Center, Deduct</i>	-3.53	
<i>For Pickets Extending Above Top Rail, Add</i>	6.17	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	14.65	
32 31 19 00-0005 LF 5' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center	76.97	13.64
<i>For 6' Length Fence Panels With Posts Set 6' O.C., Add</i>	13.47	
<i>For Verticals Up To 2" On Center, Add</i>	15.84	
<i>For Verticals >2" To 2-1/2" On Center, Add</i>	9.90	
<i>For Verticals >2-1/2" To 3" On Center, Add</i>	3.96	
<i>For Verticals >4" To 6" On Center, Deduct</i>	-4.45	
<i>For Pickets Extending Above Top Rail, Add</i>	7.56	
<i>For Curved Pickets Extending Above Top Rail, Add</i>	18.15	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0006 LF 6' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center.....	93.23	16.45
For 6' Length Fence Panels With Posts Set 6' O.C., Add	16.29	
For Verticals Up To 2" On Center, Add	19.28	
For Verticals >2" To 2-1/2" On Center, Add	12.05	
For Verticals >2-1/2" To 3" On Center, Add	4.82	
For Verticals >4" To 6" On Center, Deduct	-5.42	
For Pickets Extending Above Top Rail, Add	9.18	
For Curved Pickets Extending Above Top Rail, Add	22.05	
32 31 19 00-0007 LF 7' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 2" Square Posts, Set 8' On Center.....	109.70	17.41
For 6' Length Fence Panels With Posts Set 6' O.C., Add	18.89	
For Verticals Up To 2" On Center, Add	23.96	
For Verticals >2" To 2-1/2" On Center, Add	14.98	
For Verticals >2-1/2" To 3" On Center, Add	5.99	
For Verticals >4" To 6" On Center, Deduct	-6.74	
For Pickets Extending Above Top Rail, Add	11.10	
For Curved Pickets Extending Above Top Rail, Add	26.95	
32 31 19 00-0008 LF 8' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center.....	126.16	18.32
For 6' Length Fence Panels With Posts Set 6' O.C., Add	21.49	
For Verticals Up To 2" On Center, Add	28.65	
For Verticals >2" To 2-1/2" On Center, Add	17.90	
For Verticals >2-1/2" To 3" On Center, Add	7.16	
For Verticals >4" To 6" On Center, Deduct	-8.06	
For Pickets Extending Above Top Rail, Add	13.02	
For Curved Pickets Extending Above Top Rail, Add	31.84	
32 31 19 00-0009 LF 10' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center.....	153.89	20.57
For 6' Length Fence Panels With Posts Set 6' O.C., Add	25.96	
For Verticals Up To 2" On Center, Add	36.08	
For Verticals >2" To 2-1/2" On Center, Add	22.55	
For Verticals >2-1/2" To 3" On Center, Add	9.02	
For Verticals >4" To 6" On Center, Deduct	-10.15	
For Pickets Extending Above Top Rail, Add	16.15	
For Curved Pickets Extending Above Top Rail, Add	39.73	
32 31 19 00-0010 LF 12' High Wrought Iron Fence, Verticals At >3" To 4" On Center With 3" Square Posts, Set 8' On Center.....	182.13	23.37
For 6' Length Fence Panels With Posts Set 6' O.C., Add	30.59	
For Verticals Up To 2" On Center, Add	43.33	
For Verticals >2" To 2-1/2" On Center, Add	27.08	
For Verticals >2-1/2" To 3" On Center, Add	10.83	
For Verticals >4" To 6" On Center, Deduct	-12.19	
For Pickets Extending Above Top Rail, Add	19.26	
For Curved Pickets Extending Above Top Rail, Add	47.51	
32 31 19 00-0011 Wrought Iron Gates (32 31 19 00-0001)		
Note: Factory primed.		
32 31 19 00-0012 Single Wrought Iron Gates (32 31 19 00-0011)		
Note: Factory primed.		
32 31 19 00-0013 LF 3' Single Wrought Iron Gate, Hardware And Associated Trim	61.91	12.53
32 31 19 00-0014 LF 4' Single Wrought Iron Gate, Hardware And Associated Trim	81.27	15.52
32 31 19 00-0015 LF 5' Single Wrought Iron Gate, Hardware And Associated Trim	99.47	18.70
32 31 19 00-0016 LF 6' Single Wrought Iron Gate, Hardware And Associated Trim	120.96	22.43
32 31 19 00-0017 LF 8' Single Wrought Iron Gate, Hardware And Associated Trim	163.37	24.86
32 31 19 00-0018 LF 10' Single Wrought Iron Gate, Hardware And Associated Trim	198.34	27.48
32 31 19 00-0019 LF 12' Single Wrought Iron Gate, Hardware And Associated Trim	232.65	31.22
32 31 19 00-0020 Double Wrought Iron Gates (32 31 19 00-0011)		
Note: Factory primed.		
32 31 19 00-0021 LF 3' Double Wrought Iron Gate, Hardware And Associated Trim	75.81	11.22
32 31 19 00-0022 LF 4' Double Wrought Iron Gate, Hardware And Associated Trim	99.60	14.02
32 31 19 00-0023 LF 5' Double Wrought Iron Gate, Hardware And Associated Trim	121.43	16.82
32 31 19 00-0024 LF 6' Double Wrought Iron Gate, Hardware And Associated Trim	147.27	20.19
32 31 19 00-0025 LF 8' Double Wrought Iron Gate, Hardware And Associated Trim	199.83	22.43
32 31 19 00-0026 LF 10' Double Wrought Iron Gate, Hardware And Associated Trim	243.02	24.68
32 31 19 00-0027 LF 12' Double Wrought Iron Gate, Hardware And Associated Trim	285.52	28.04
32 31 19 00-0028 Repair Or Replace Wrought Iron Fence (32 31 19 00-0001)		
32 31 19 00-0029 LF Removal And Replacement Of Wrought Iron Picket	18.82	
32 31 19 00-0030 LF Removal And Replacement Of Wrought Iron Post.....	28.32	
32 31 19 00-0031 EA Straighten Wrought Iron Post.....	74.78	
32 31 19 00-0032 Custom Wrought Iron "Mission Style" Fencing (32 31 19 00-0001)		
Note: Conforming to Channel Island Campus Standards. Solid bar with factory prime. Excludes drilling for posts.		
32 31 19 00-0033 LF 3' Custom Wrought Iron Fence, Mission Style	202.15	10.28
Note: To match existing.		
For Installation On Stairs, Add	22.27	
For Curved Sections, Add	72.63	
For Each Lamb Tunge End Piece, Add	29.00	
For Installation On Balcony, Add	10.48	
32 31 19 00-0034 LF Custom Wrought Iron Wall Mounted Handrailing, Mission Style.....	75.07	7.01
Note: To match existing.		
For Each Lamb Tunge End Piece, Add	29.00	
32 31 19 00-0035 SF Custom Ornamental Wrought Iron, Mission Style	67.38	3.43
Note: To match existing.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0036 Steel Tube Fence, Powder Coated <small>(32 31 19)</small> Note: Pickets are 3/4" square x 16 gauge.		
32 31 19 00-0037 Steel Tube Fence, 2 Rail <small>(32 31 19 00-0036)</small> Note: 6 foot long panel sections.		
32 31 19 00-0038 LF 3' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	70.77	10.28
For Verticals Up To 2" On Center, Add	10.12	
For Verticals >2" To 2-1/2" On Center, Add	5.06	
For Verticals >3" To 4" On Center, Deduct	-5.06	
For Verticals >4" To 6" On Center, Deduct	-10.12	
For Pickets Extending Above Top Rail, Add	5.31	
For Curved Pickets Extending Above Top Rail, Add	9.36	
For Solid Pickets, Add	14.41	
For Aluminum With Satin Finish, Add	12.16	
For Third Rail, Add	3.80	
For 1" Square x 14 Gauge Pickets, Add	12.65	
For 3" Square Posts, Add	6.33	
32 31 19 00-0039 LF 3'-6" Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	75.69	10.99
For Verticals Up To 2" On Center, Add	10.74	
For Verticals >2" To 2-1/2" On Center, Add	5.37	
For Verticals >3" To 4" On Center, Deduct	-5.37	
For Verticals >4" To 6" On Center, Deduct	-10.74	
For Pickets Extending Above Top Rail, Add	5.66	
For Curved Pickets Extending Above Top Rail, Add	9.97	
For Solid Pickets, Add	15.38	
For Aluminum With Satin Finish, Add	12.81	
For Third Rail, Add	4.03	
For 1" Square x 14 Gauge Pickets, Add	13.43	
For 3" Square Posts, Add	6.71	
32 31 19 00-0040 LF 4' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	80.03	12.15
For Verticals Up To 2" On Center, Add	11.24	
For Verticals >2" To 2-1/2" On Center, Add	5.62	
For Verticals >3" To 4" On Center, Deduct	-5.62	
For Verticals >4" To 6" On Center, Deduct	-11.24	
For Pickets Extending Above Top Rail, Add	5.97	
For Curved Pickets Extending Above Top Rail, Add	10.50	
For Solid Pickets, Add	16.22	
For Aluminum With Satin Finish, Add	13.29	
For Third Rail, Add	4.22	
For 1" Square x 14 Gauge Pickets, Add	14.06	
For 3" Square Posts, Add	7.03	
32 31 19 00-0041 LF 5' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	85.11	13.64
For Verticals Up To 2" On Center, Add	11.53	
For Verticals >2" To 2-1/2" On Center, Add	5.76	
For Verticals >3" To 4" On Center, Deduct	-5.76	
For Verticals >4" To 6" On Center, Deduct	-11.53	
For Pickets Extending Above Top Rail, Add	6.27	
For Curved Pickets Extending Above Top Rail, Add	10.99	
For Solid Pickets, Add	17.09	
For Aluminum With Satin Finish, Add	13.17	
For Third Rail, Add	4.32	
For 1" Square x 14 Gauge Pickets, Add	14.41	
For 3" Square Posts, Add	7.20	
32 31 19 00-0042 LF 6' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 2-1/2" Square Posts	98.77	15.42
For Verticals Up To 2" On Center, Add	13.58	
For Verticals >2" To 2-1/2" On Center, Add	6.79	
For Verticals >3" To 4" On Center, Deduct	-6.79	
For Verticals >4" To 6" On Center, Deduct	-13.58	
For Pickets Extending Above Top Rail, Add	7.32	
For Curved Pickets Extending Above Top Rail, Add	12.84	
For Solid Pickets, Add	19.91	
For Aluminum With Satin Finish, Add	15.75	
For Third Rail, Add	5.09	
For 1" Square x 14 Gauge Pickets, Add	16.98	
For 3" Square Posts, Add	8.49	
32 31 19 00-0043 LF 7' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts	113.23	16.82
For Verticals Up To 2" On Center, Add	15.92	
For Verticals >2" To 2-1/2" On Center, Add	7.96	
For Verticals >3" To 4" On Center, Deduct	-7.96	
For Verticals >4" To 6" On Center, Deduct	-15.92	
For Pickets Extending Above Top Rail, Add	8.45	
For Curved Pickets Extending Above Top Rail, Add	14.86	
For Solid Pickets, Add	22.95	
For Aluminum With Satin Finish, Add	18.83	
For Third Rail, Add	5.97	
For 1" Square x 14 Gauge Pickets, Add	19.90	
For 4" Square Posts, Add	27.85	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0044	LF	8' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	127.87	18.32
			<i>For Verticals Up To 2" On Center, Add</i>	18.25	
			<i>For Verticals >2" To 2-1/2" On Center, Add</i>	9.12	
			<i>For Verticals >3" To 4" On Center, Deduct</i>	-9.12	
			<i>For Verticals >4" To 6" On Center, Deduct</i>	-18.25	
			<i>For Pickets Extending Above Top Rail, Add</i>	9.59	
			<i>For Curved Pickets Extending Above Top Rail, Add</i>	16.89	
			<i>For Solid Pickets, Add</i>	26.02	
			<i>For Aluminum With Satin Finish, Add</i>	21.87	
			<i>For Third Rail, Add</i>	6.84	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	22.81	
			<i>For 4" Square Posts, Add</i>	31.93	
32 31	19 00-0045	LF	9' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 3" Square Posts.....	148.95	19.63
			<i>For Verticals Up To 2" On Center, Add</i>	21.94	
			<i>For Verticals >2" To 2-1/2" On Center, Add</i>	10.97	
			<i>For Verticals >3" To 4" On Center, Deduct</i>	-10.97	
			<i>For Verticals >4" To 6" On Center, Deduct</i>	-21.94	
			<i>For Pickets Extending Above Top Rail, Add</i>	11.29	
			<i>For Curved Pickets Extending Above Top Rail, Add</i>	19.95	
			<i>For Solid Pickets, Add</i>	30.57	
			<i>For Aluminum With Satin Finish, Add</i>	27.02	
			<i>For Third Rail, Add</i>	8.23	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	27.43	
			<i>For 4" Square Posts, Add</i>	38.40	
32 31	19 00-0046	LF	10' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	170.23	21.03
			<i>For Verticals Up To 2" On Center, Add</i>	25.63	
			<i>For Verticals >2" To 2-1/2" On Center, Add</i>	12.82	
			<i>For Verticals >3" To 4" On Center, Deduct</i>	-12.82	
			<i>For Verticals >4" To 6" On Center, Deduct</i>	-25.63	
			<i>For Pickets Extending Above Top Rail, Add</i>	13.00	
			<i>For Curved Pickets Extending Above Top Rail, Add</i>	23.02	
			<i>For Solid Pickets, Add</i>	35.15	
			<i>For Aluminum With Satin Finish, Add</i>	32.14	
			<i>For Third Rail, Add</i>	9.61	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	32.04	
			<i>For 6" Square Posts, Add</i>	44.86	
32 31	19 00-0047	LF	12' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	200.75	23.37
			<i>For Verticals Up To 2" On Center, Add</i>	30.80	
			<i>For Verticals >2" To 2-1/2" On Center, Add</i>	15.40	
			<i>For Verticals >3" To 4" On Center, Deduct</i>	-15.40	
			<i>For Verticals >4" To 6" On Center, Deduct</i>	-30.80	
			<i>For Pickets Extending Above Top Rail, Add</i>	15.43	
			<i>For Curved Pickets Extending Above Top Rail, Add</i>	27.38	
			<i>For Solid Pickets, Add</i>	41.66	
			<i>For Aluminum With Satin Finish, Add</i>	39.20	
			<i>For Third Rail, Add</i>	11.55	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	38.51	
			<i>For 6" Square Posts, Add</i>	53.91	
32 31	19 00-0048	LF	14' Steel Tube Fence, Verticals At >2-1/2" To 3" On Center With 4" Square Posts.....	215.00	25.24
			<i>For Verticals Up To 2" On Center, Add</i>	32.91	
			<i>For Verticals >2" To 2-1/2" On Center, Add</i>	16.45	
			<i>For Verticals >3" To 4" On Center, Deduct</i>	-16.45	
			<i>For Verticals >4" To 6" On Center, Deduct</i>	-32.91	
			<i>For Pickets Extending Above Top Rail, Add</i>	16.51	
			<i>For Curved Pickets Extending Above Top Rail, Add</i>	29.29	
			<i>For Solid Pickets, Add</i>	44.59	
			<i>For Aluminum With Satin Finish, Add</i>	41.79	
			<i>For Third Rail, Add</i>	12.34	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	41.13	
			<i>For 6" Square Posts, Add</i>	57.59	
32 31	19 00-0049		Steel Tube Swing Gates <small>(32 31 19 00-0036)</small>		
32 31	19 00-0050		3' Fence Height Steel Tube Swing Gates, 2 Rail <small>(32 31 19 00-0049)</small>		
32 31	19 00-0051	EA	3' Wide x 3' High Steel Tube Single Swing Gate	717.82	19.91
			Note: Includes mounting hardware and associated trim.		
			<i>For Solid Pickets, Add</i>	157.02	
			<i>For Aluminum With Satin Finish, Add</i>	188.43	
			<i>For Third Rail, Add</i>	49.35	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	65.80	
32 31	19 00-0052	EA	3'-6" Wide x 3' High Steel Tube Single Swing Gate	799.08	20.84
			Note: Includes mounting hardware and associated trim.		
			<i>For Solid Pickets, Add</i>	175.10	
			<i>For Aluminum With Satin Finish, Add</i>	211.55	
			<i>For Third Rail, Add</i>	55.23	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	73.65	
32 31	19 00-0053	EA	4' Wide x 3' High Steel Tube Single Swing Gate	884.86	22.06
			Note: Includes mounting hardware and associated trim.		
			<i>For Solid Pickets, Add</i>	194.12	
			<i>For Aluminum With Satin Finish, Add</i>	235.59	
			<i>For Third Rail, Add</i>	61.39	
			<i>For 1" Square x 14 Gauge Pickets, Add</i>	81.85	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0054	EA		5' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	930.54 204.04 247.19 64.46 85.95	23.65
32 31 19 00-0055	EA		6' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,039.06 227.41 273.45 71.55 95.40	28.32
32 31 19 00-0056	EA		7' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,104.80 241.15 286.85 75.43 100.57	32.99
32 31 19 00-0057	EA		8' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,205.35 262.65 310.29 81.85 109.13	37.95
32 31 19 00-0058	EA		9' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,292.48 281.20 330.12 87.33 116.44	42.62
32 31 19 00-0059	EA		10' Wide x 3' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,368.91 297.35 346.74 92.01 122.68	47.29
32 31 19 00-0060	EA		6' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,501.44 328.85 396.59 103.64 138.18	39.82
32 31 19 00-0061	EA		7' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,599.96 350.60 423.63 110.60 147.47	41.69
32 31 19 00-0062	EA		8' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,769.71 388.23 471.18 122.77 163.70	44.21
32 31 19 00-0063	EA		9' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,854.62 406.98 494.56 128.79 171.72	45.80
32 31 19 00-0064	EA		10' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,923.49 422.13 513.12 133.61 178.14	47.29
32 31 19 00-0065	EA		12' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,163.74 474.08 572.57 149.52 199.36	56.64
32 31 19 00-0066	EA		14' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,370.09 518.41 621.86 162.90 217.19	65.99
32 31 19 00-0067	EA		16' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,542.66 554.99 660.17 173.59 231.46	75.99

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 31 19 00-0068	EA	18' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,686.61 585.28 690.73 182.29 243.05	85.25
32 31 19 00-0069	EA	20' Wide x 3' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,803.81 609.55 713.28 188.97 251.97	94.60
32 31 19 00-0070		4' Fence Height Steel Tube Swing Gates, 2 Rail <small>(32 31 19 00-0049)</small>		
32 31 19 00-0071	EA	3' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	829.88 181.99 220.57 57.51 76.68	18.70
32 31 19 00-0072	EA	3'-6" Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	898.18 197.18 240.01 62.46 83.28	21.78
32 31 19 00-0073	EA	4' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	968.83 212.73 259.10 67.40 89.87	23.37
32 31 19 00-0074	EA	5' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,027.01 225.47 274.45 71.42 95.22	24.86
32 31 19 00-0075	EA	6' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,106.15 242.15 291.47 76.23 101.64	29.91
32 31 19 00-0076	EA	7' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,213.84 265.26 317.04 83.19 110.92	34.87
32 31 19 00-0077	EA	8' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,362.53 297.60 354.92 93.22 124.29	39.82
32 31 19 00-0078	EA	9' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,507.66 329.13 391.73 102.98 137.31	44.87
32 31 19 00-0079	EA	10' Wide x 4' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,645.65 359.06 426.40 112.21 149.61	49.82
32 31 19 00-0080	EA	6' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,659.74 363.98 441.14 115.02 153.36	42.06
32 31 19 00-0081	EA	7' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,796.36 394.37 480.03 124.91 166.55	43.56
32 31 19 00-0082	EA	8' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,937.67 425.46 518.21 134.81 179.75	46.73

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0083 EA 9' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,049.34 450.24 549.61 142.83 190.45	48.23
32 31 19 00-0084 EA 10' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,143.17 471.00 575.65 149.52 199.36	49.82
32 31 19 00-0085 EA 12' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,431.65 533.66 648.73 168.91 225.22	59.73
32 31 19 00-0086 EA 14' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,684.45 588.30 711.12 185.63 247.51	69.73
32 31 19 00-0087 EA 16' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,903.39 635.32 763.34 199.81 266.41	79.63
32 31 19 00-0088 EA 18' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,092.01 675.51 806.46 211.71 282.28	89.64
32 31 19 00-0089 EA 20' Wide x 4' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,252.08 709.29 841.03 221.47 295.30	99.64
32 31 19 00-0090 5' Fence Height Steel Tube Swing Gates, 2 Rail <small>(32 31 19 00-0049)</small>		
32 31 19 00-0091 EA 3' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	903.53 198.39 241.62 62.86 83.81	21.78
32 31 19 00-0092 EA 3'-6" Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	952.78 209.12 254.29 66.20 88.27	23.37
32 31 19 00-0093 EA 4' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,000.26 219.45 266.43 69.41 92.55	24.86
32 31 19 00-0094 EA 5' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,069.13 234.60 284.99 74.23 98.97	26.45
32 31 19 00-0095 EA 6' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,161.69 254.23 305.60 79.98 106.64	31.78
32 31 19 00-0096 EA 7' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,284.58 280.69 335.32 88.00 117.34	37.01
32 31 19 00-0097 EA 8' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,456.54 318.12 379.34 99.64 132.85	42.62

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0098	EA	9' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,624.00 354.60 422.43 111.00 148.01	47.95
32 31	19 00-0099	EA	10' Wide x 5' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,787.90 390.29 464.44 122.10 162.81	53.18
32 31	19 00-0100	EA	6' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,781.09 392.88 487.13 125.72 167.62	36.74
32 31	19 00-0101	EA	7' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,885.94 415.16 510.72 132.27 176.36	42.81
32 31	19 00-0102	EA	8' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,991.82 437.60 534.16 138.82 185.10	49.26
32 31	19 00-0103	EA	9' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,137.69 469.10 570.05 148.45 197.94	55.42
32 31	19 00-0104	EA	10' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,265.73 496.60 600.60 156.74 208.99	61.50
32 31	19 00-0105	EA	12' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,579.49 565.73 685.94 178.81 238.41	68.42
32 31	19 00-0106	EA	14' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,861.43 627.55 760.81 198.34 264.45	75.90
32 31	19 00-0107	EA	16' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,113.34 682.46 825.73 215.46 287.27	84.22
32 31	19 00-0108	EA	18' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,339.77 731.40 881.64 230.43 307.25	93.56
32 31	19 00-0109	EA	20' Wide x 5' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,540.79 774.39 928.52 243.27 324.36	104.04
32 31	19 00-0110		6' Fence Height Steel Tube Swing Gates, 2 Rail <small>(32 31 19 00-0049)</small>		
32 31	19 00-0111	EA	3' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	940.39 206.19 249.73 65.13 86.84	23.93
32 31	19 00-0112	EA	3'-6" Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	988.72 216.78 262.54 68.48 91.30	25.24

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0113	EA	4' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,037.70 227.47 275.26 71.82 95.76	26.64
32 31	19 00-0114	EA	5' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,097.92 240.65 291.10 75.96 101.29	28.32
32 31	19 00-0115	EA	6' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,231.59 269.40 323.21 84.66 112.88	34.21
32 31	19 00-0116	EA	7' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,374.16 300.14 357.99 94.02 125.36	40.20
32 31	19 00-0117	EA	8' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,533.65 334.77 398.27 104.72 139.63	45.80
32 31	19 00-0118	EA	9' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,686.94 367.92 436.26 114.88 153.18	51.69
32 31	19 00-0119	EA	10' Wide x 6' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,874.08 408.70 484.41 127.59 170.12	57.58
32 31	19 00-0120	EA	6' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,849.94 407.75 504.09 130.26 173.68	39.63
32 31	19 00-0121	EA	7' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,958.63 430.74 527.91 136.95 182.60	46.45
32 31	19 00-0122	EA	8' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,066.31 453.58 551.88 143.64 191.52	52.91
32 31	19 00-0123	EA	9' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,196.40 481.39 582.11 151.93 202.57	59.73
32 31	19 00-0124	EA	10' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,401.39 526.05 634.82 165.84 221.12	66.55
32 31	19 00-0125	EA	12' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,817.07 617.96 749.81 195.39 260.53	74.12
32 31	19 00-0126	EA	14' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,948.73 645.73 778.20 203.42 271.23	82.81

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0127	EA	16' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,237.59 708.72 852.83 223.08 297.44	92.16
32 31	19 00-0128	EA	18' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,502.79 766.15 918.97 240.73 320.98	102.53
32 31	19 00-0129	EA	20' Wide x 6' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,748.92 818.99 977.54 256.65 342.20	114.41
32 31	19 00-0130		7' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0049)		
32 31	19 00-0131	EA	3' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	996.21 218.31 263.83 68.88 91.84	25.89
32 31	19 00-0132	EA	3'-6" Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,046.69 229.36 277.12 72.35 96.47	27.30
32 31	19 00-0133	EA	4' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,097.35 240.43 290.38 75.83 101.11	28.70
32 31	19 00-0134	EA	5' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,148.11 251.52 303.63 79.31 105.74	30.19
32 31	19 00-0135	EA	6' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,328.23 290.58 348.83 91.34 121.79	36.74
32 31	19 00-0136	EA	7' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,493.14 326.28 389.90 102.31 136.42	43.00
32 31	19 00-0137	EA	8' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,612.63 351.70 416.91 109.80 146.40	49.44
32 31	19 00-0138	EA	9' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,749.01 380.98 449.41 118.63 158.17	55.71
32 31	19 00-0139	EA	10' Wide x 7' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,916.64 417.22 490.87 129.73 172.97	62.26
32 31	19 00-0140	EA	6' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,958.02 431.46 532.81 137.75 183.67	42.44
32 31	19 00-0141	EA	7' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,071.31 455.40 557.54 144.71 192.94	49.64

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0142 EA 8' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,185.63 479.51 582.12 151.66 202.22	57.20
32 31 19 00-0143 EA 9' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,300.70 503.85 607.39 158.75 211.67	64.40
32 31 19 00-0144 EA 10' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,591.56 567.68 684.93 178.94 238.59	71.97
32 31 19 00-0145 EA 12' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,134.12 687.98 837.06 217.86 290.48	80.29
32 31 19 00-0146 EA 14' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,097.68 677.70 813.64 213.05 284.06	90.01
32 31 19 00-0147 EA 16' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,355.75 733.53 877.64 230.17 306.89	100.39
32 31 19 00-0148 EA 18' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,664.29 800.41 954.93 250.76 334.35	112.26
32 31 19 00-0149 EA 20' Wide x 7' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,867.15 843.27 999.13 263.20 350.93	125.25
32 31 19 00-0150 8' Fence Height Steel Tube Swing Gates, 2 Rail (32 31 19 00-0049)		
32 31 19 00-0151 EA 3' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,082.71 237.30 286.96 74.89 99.86	28.04
32 31 19 00-0152 EA 3'-6" Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,135.54 248.84 300.70 78.51 104.67	29.54
32 31 19 00-0153 EA 4' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,191.92 261.17 315.51 82.38 109.85	31.12
32 31 19 00-0154 EA 5' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,241.90 271.61 325.67 85.33 113.77	34.68
32 31 19 00-0155 EA 6' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,469.44 321.79 387.84 101.38 135.17	39.25
32 31 19 00-0156 EA 7' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,634.61 357.13 426.45 111.94 149.25	47.29

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	19 00-0157	EA	8' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,706.13 371.47 437.39 115.55 154.07	55.06
32 31	19 00-0158	EA	9' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,828.51 397.18 463.17 122.91 163.88	63.19
32 31	19 00-0159	EA	10' Wide x 8' High Steel Tube Single Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	1,934.83 419.28 484.13 129.06 172.08	71.32
32 31	19 00-0160	EA	8' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,128.53 469.20 580.26 149.92 199.90	45.33
32 31	19 00-0161	EA	7' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,255.11 495.68 606.21 157.41 209.88	54.68
32 31	19 00-0162	EA	8' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,378.88 521.60 631.77 164.77 219.69	63.66
32 31	19 00-0163	EA	9' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,482.30 542.86 650.77 170.52 227.36	73.10
32 31	19 00-0164	EA	10' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	2,885.29 631.53 759.63 198.74 264.98	82.45
32 31	19 00-0165	EA	12' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,598.07 789.67 960.05 249.96 333.28	92.82
32 31	19 00-0166	EA	14' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,286.06 716.92 851.18 224.01 298.69	104.69
32 31	19 00-0167	EA	16' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,517.72 766.12 903.09 238.46 317.95	118.43
32 31	19 00-0168	EA	18' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,876.53 843.61 991.30 262.13 349.51	133.47
32 31	19 00-0169	EA	20' Wide x 8' High Steel Tube Double Swing Gate Note: Includes mounting hardware and associated trim. <i>For Solid Pickets, Add</i> <i>For Aluminum With Satin Finish, Add</i> <i>For Third Rail, Add</i> <i>For 1" Square x 14 Gauge Pickets, Add</i>	3,953.38 857.28 992.61 264.27 352.36	150.39
32 31	19 00-0170		Replace Steel Tube Fence Pickets <small>(32 31 19 00-0036)</small>		
	32 31 19 00-0171	LF	Removal And Replacement Of 3/4" Square x 16 Gauge Steel Tube Fence Picket <i>For 1" Square x 14 Gauge Pickets, Add</i>	27.34 0.86	
32 31	19 00-0172		Removal And Reinstallation Of Ornamental Fences <small>(32 31 19)</small> Note: Including storage and cleaning. Excludes augering and concrete.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 19 00-0173 LF Removal And Reinstallation Of Ornamental Fence Up To 5' Height.....	42.06	
32 31 19 00-0174 LF Removal And Reinstallation Of Ornamental Fence, 6' Height	46.27	
32 31 19 00-0175 LF Removal And Reinstallation Of Ornamental Fence, 7' Height	50.47	
32 31 19 00-0176 LF Removal And Reinstallation Of Ornamental Fence, 8' Height	54.68	
32 31 19 00-0177 LF Removal And Reinstallation Of Ornamental Fence, 9' Height	58.89	
32 31 19 00-0178 LF Removal And Reinstallation Of Ornamental Fence, 10' Height	63.10	
32 31 19 00-0179 LF Removal And Reinstallation Of Ornamental Fence 12' Height	70.10	
32 31 23 Plastic Fences and Gates (32 31)		
32 31 23 00-0001 Vinyl Fence (32 31 23)		
32 31 23 00-0002 Privacy Tongue And Groove Vinyl Fence (32 31 23 00-0001)		
Note: With 1-1/2" x 5-1/2" top and bottom rails, 5" x 5" posts installed 7' centers. Post includes flat cap.		
32 31 23 00-0003 LF 3' High Privacy Tongue And Groove Vinyl Fence	56.11	5.72
32 31 23 00-0004 LF 4' High Privacy Tongue And Groove Vinyl Fence	62.83	6.86
32 31 23 00-0005 LF 5' High Privacy Tongue And Groove Vinyl Fence	70.13	8.00
32 31 23 00-0006 LF 6' High Privacy Tongue And Groove Vinyl Fence	77.26	9.14
32 31 23 00-0007 Semi-Privacy 6" Picket Vinyl Fence (32 31 23 00-0001)		
Note: With 1-1/2" x 5-1/2" top and bottom rails, 2" x 3-1/2" mid rail, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0008 LF 5' High Semi-Privacy 6" Picket Vinyl Fence.....	75.16	8.00
32 31 23 00-0009 LF 6' High Semi-Privacy 6" Picket Vinyl Fence.....	82.35	9.14
32 31 23 00-0010 Picket Straight Top Vinyl Fence (32 31 23 00-0001)		
Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0011 LF 3' High Picket Straight Top Vinyl Fence.....	51.67	5.72
32 31 23 00-0012 LF 4' High Picket Straight Top Vinyl Fence.....	58.62	6.86
32 31 23 00-0013 LF 5' High Picket Straight Top Vinyl Fence.....	67.19	8.00
32 31 23 00-0014 LF 6' High Picket Straight Top Vinyl Fence.....	74.38	9.14
32 31 23 00-0015 Picket Scalloped Top Vinyl Fence (32 31 23 00-0001)		
Note: With 2-1/2" x 3-1/2" top rail, 1-1/2" x 5-1/2" bottom rail, 1-3/8" x 1-3/8" or 1" x 3" pickets, 5" x 5" posts installed 6' centers. Post includes flat cap.		
32 31 23 00-0016 LF 3' High Picket Scalloped Top Vinyl Fence	57.37	5.72
32 31 23 00-0017 LF 4' High Picket Scalloped Top Vinyl Fence	64.51	6.86
32 31 23 00-0018 LF 5' High Picket Scalloped Top Vinyl Fence	72.69	8.00
32 31 23 00-0019 LF 6' High Picket Scalloped Top Vinyl Fence	80.06	9.14
32 31 23 00-0020 Post And Rail Vinyl Fence, Ranch Style (32 31 23 00-0001)		
Note: With 1-1/2" x 5-1/2" rails, 5" x 5" posts installed 8' centers. Post includes flat cap.		
32 31 23 00-0021 LF 5' High, 2 Rail, Post And Rail Vinyl Fence	20.46	5.72
32 31 23 00-0022 LF 6-1/2' High, 3 Rail, Post And Rail Vinyl Fence.....	26.33	6.86
32 31 23 00-0023 LF 7' High, 4 Rail, Post And Rail Vinyl Fence	30.39	7.43
32 31 23 00-0024 Post, Rails And Pickets (Traditional Style) Vinyl Fence (32 31 23 00-0001)		
Note: With top and bottom 3" x 3" rails, 5" x 5" posts and 1-1/2" x 1-1/2" pickets. Post includes flat cap.		
32 31 23 00-0025 LF 3' High Rail And Picket Vinyl Fence, 72" On Center Posts	67.25	6.28
32 31 23 00-0026 LF 4' High Rail And Picket Vinyl Fence, 72" On Center Posts	73.39	7.43
32 31 23 00-0027 LF 3' High Rail And Picket Vinyl Fence, 96" On Center Posts	63.46	5.72
32 31 23 00-0028 LF 4' High Rail And Picket Vinyl Fence, 96" On Center Posts	68.95	6.86
32 31 23 00-0029 Vinyl Gates (32 31 23)		
32 31 23 00-0030 Gates For Privacy And Semi-Privacy Fences (32 31 23 00-0029)		
Note: Includes hinges.		
32 31 23 00-0031 3' High Gates For Privacy And Semi-Privacy Fences (32 31 23 00-0030)		
32 31 23 00-0032 EA 3' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set.....	621.68	57.15
For Self-Closing Hinge Set, Add		14.50
For Self-Closing Stainless Steel Hinge Set, Add		38.50
32 31 23 00-0033 EA 3' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set.....	659.75	60.01
For Self-Closing Hinge Set, Add		14.50
For Self-Closing Stainless Steel Hinge Set, Add		38.50
32 31 23 00-0034 EA 3' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set.....	724.29	62.87
For Self-Closing Hinge Set, Add		14.50
For Self-Closing Stainless Steel Hinge Set, Add		38.50
32 31 23 00-0035 EA 3' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set.....	812.36	65.72
For Self-Closing Hinge Set, Add		14.50
For Self-Closing Stainless Steel Hinge Set, Add		38.50
32 31 23 00-0036 4' High Gates For Privacy And Semi-Privacy Fences (32 31 23 00-0030)		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31	23 00-0037	EA	4' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	659.75 14.50 38.50	60.01
32 31	23 00-0038	EA	4' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	683.12 14.50 38.50	62.87
32 31	23 00-0039	EA	4' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	759.42 14.50 38.50	65.72
32 31	23 00-0040	EA	4' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	891.60 14.50 38.50	68.58
32 31 23 00-0041 5' High Gates For Privacy And Semi-Privacy Fences (32 31 23 00-0030)					
32 31	23 00-0042	EA	5' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	683.12 14.50 38.50	62.87
32 31	23 00-0043	EA	5' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	712.36 14.50 38.50	65.72
32 31	23 00-0044	EA	5' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	818.07 14.50 38.50	68.58
32 31	23 00-0045	EA	5' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	956.15 14.50 38.50	71.44
32 31 23 00-0046 6' High Gates For Privacy And Semi-Privacy Fences (32 31 23 00-0030)					
32 31	23 00-0047	EA	6' High x 3' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	718.07 14.50 38.50	68.58
32 31	23 00-0048	EA	6' High x 4' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	747.32 14.50 38.50	71.44
32 31	23 00-0049	EA	6' High x 5' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	903.04 14.50 38.50	74.30
32 31	23 00-0050	EA	6' High x 6' Wide Vinyl Gate For Privacy Or Semi-Privacy Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	997.00 14.50 38.50	74.30
32 31 23 00-0051 Gates For Picket Fences (32 31 23 00-0029)					
Note: Includes hinges.					
32 31 23 00-0052 3' High Gates For Picket Fences (32 31 23 00-0051)					
32 31	23 00-0053	EA	3' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	595.21 14.50 38.50	57.15
32 31	23 00-0054	EA	3' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	618.57 14.50 38.50	60.01
32 31	23 00-0055	EA	3' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	694.88 14.50 38.50	62.87
32 31	23 00-0056	EA	3' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	827.07 14.50 38.50	65.72
32 31 23 00-0057 4' High Gates For Picket Fences (32 31 23 00-0051)					
32 31	23 00-0058	EA	4' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	600.92 14.50 38.50	60.01
32 31	23 00-0059	EA	4' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	624.29 14.50 38.50	62.87
32 31	23 00-0060	EA	4' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	700.59 14.50 38.50	65.72
32 31	23 00-0061	EA	4' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	832.78 14.50 38.50	68.58
32 31 23 00-0062 5' High Gates For Picket Fences (32 31 23 00-0051)					
32 31	23 00-0063	EA	5' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	624.29 14.50 38.50	62.87
32 31	23 00-0064	EA	5' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	653.53 14.50 38.50	65.72

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 23 00-0065 EA 5' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	759.24 14.50 38.50	68.58
32 31 23 00-0066 EA 5' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	897.32 14.50 38.50	71.44
32 31 23 00-0067 6' High Gates For Picket Fences (32 31 23 00-0051)		
32 31 23 00-0068 EA 6' High x 3' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	659.24 14.50 38.50	68.58
32 31 23 00-0069 EA 6' High x 4' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	688.49 14.50 38.50	71.44
32 31 23 00-0070 EA 6' High x 5' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	844.22 14.50 38.50	74.30
32 31 23 00-0071 EA 6' High x 6' Wide Vinyl Gate For Picket Style Fence And Hinge Set..... <i>For Self-Closing Hinge Set, Add</i> <i>For Self-Closing Stainless Steel Hinge Set, Add</i>	938.18 14.50 38.50	77.16
32 31 23 00-0072 Gates Accessories (32 31 23 00-0029)		
32 31 23 00-0073 EA Gate Stop/Drop Rod	134.45	
32 31 23 00-0074 EA Latch Set	91.80	
32 31 23 00-0075 EA Stainless Steel Latch Set.....	134.45	
32 31 26 Wire Fences and Gates (32 31)		
32 31 26 13 Wire Fences with Steel Posts (32 31 26)		
32 31 26 13-0001 Chicken Wire (32 31 26 13) Note: Posts at 4'.		
32 31 26 13-0002 LF 4' High, 1" Mesh, Chicken Wire Fence, Metal Posts At 4'.....	8.10	1.66
32 31 26 13-0003 LF 6' High, 2" Mesh, Chicken Wire Fence, Metal Posts At 4'.....	8.77	1.66
32 31 26 13-0004 Wire And Screen (32 31 26 13)		
32 31 26 13-0005 Wire And Screen For Partitions And Fences (32 31 26 13-0004) Note: Excludes framing and post.		
32 31 26 13-0006 Screen Wire (32 31 26 13-0005)		
32 31 26 13-0007 LF Screen Wire, 48" Wide Rolls.....	13.60	1.15
32 31 26 13-0008 Hog Wire (32 31 26 13-0005)		
32 31 26 13-0009 SF 4" x 4" Hog Wire For Fencing	2.37	0.92
32 31 26 13-0010 SF 6" x 6" Hog Wire For Fencing	2.48	1.04
32 31 26 13-0011 Non-Climb Horse Fence (32 31 26 13-0005)		
32 31 26 13-0012 LF 4' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	10.76	3.69
32 31 26 13-0013 LF 5' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	13.82	4.60
32 31 26 13-0014 LF 6' Non-Climb Woven, 12.5 Gauge, Horse Fence.....	17.37	5.53
32 31 26 13-0015 Screen For Partitions And Ceilings (32 31 26 13-0004) Note: Can be used to support insulation on walls and ceilings.		
32 31 26 13-0016 SF 1" Mesh Chicken Wire	2.31	0.65
32 31 26 13-0017 Wicket Fence (32 31 26 13)		
32 31 26 13-0018 LF Steel Wicket Fence, Painted.....	82.76	5.04
32 31 29 Wood Fences and Gates (32 31) See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 29 00-0001 Basket Weave (32 31 29) Note: 3/8" x 4" boards, 4" x 4" post		
32 31 29 00-0002 LF 6' High #1 Cedar Basket Weave Fence 3/8" x 4" Boards, 4" x 4" Post..... <i>For Fastening With Screws Instead Of Nails, Add</i>	41.28 2.41	3.30
32 31 29 00-0003 LF 6' High, Pressure Treated Pine Basket Weave 3/8" x 4" Boards, 4" x 4" Post..... <i>For Fastening With Screws Instead Of Nails, Add</i>	26.97 1.72	3.30
32 31 29 00-0004 Board Fence (32 31 29) Note: 1x4" board, 2x4" rail, 4x4" post.		

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0005	LF	Two 2" x 4" Rails, 3' High 1" x 4" Boards, Preservative Treated Board Fence.....	26.34	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-2.73		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.38		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	1.70		
32 31 29 00-0006	LF	Two 2" x 4" Rails, 4' High 1" x 4" Boards, Preservative Treated Board Fence.....	29.35	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-2.97		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.66		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	1.88		
32 31 29 00-0007	LF	Three 2" x 4" Rails, 5' High 1" x 4" Boards, Preservative Treated Board Fence.....	32.85	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.18		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.87		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.07		
32 31 29 00-0008	LF	Three 2" x 4" Rails, 6' High 1" x 4" Boards, Preservative Treated Board Fence.....	35.10	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.35		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	4.06		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.20		
32 31 29 00-0009	LF	Three 2" x 4" Rails, 8' High 1" x 4" Boards, Preservative Treated Board Fence.....	37.55	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.52		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	4.24		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.34		
32 31 29 00-0010	LF	Two 2" x 4" Rails, 3' High 1" x 4" #2 Grade Western Cedar Board Fence.....	28.21	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-2.80		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.43		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	1.79		
32 31 29 00-0011	LF	Two 2" x 4" Rails, 4' High 1" x 4" #2 Grade Western Cedar Board Fence.....	30.79	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.03		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.70		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	1.95		
32 31 29 00-0012	LF	Three 2" x 4" Rails, 5' High 1" x 4" #2 Grade Western Cedar Board Fence.....	32.85	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.18		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.87		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.07		
32 31 29 00-0013	LF	Three 2" x 4" Rails, 6' High 1" x 4" #2 Grade Western Cedar Board Fence.....	35.10	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.35		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	4.06		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.20		
32 31 29 00-0014	LF	Three 2" x 4" Rails, 8' High 1" x 4" #2 Grade Western Cedar Board Fence.....	37.55	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.52		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	4.24		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.34		
32 31 29 00-0015	LF	Two 2" x 4" Rails, 3' High 1" x 4" #1 Grade Cedar Board Fence.....	28.22	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-2.80		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.43		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	1.79		
32 31 29 00-0016	LF	Two 2" x 4" Rails, 4' High 1" x 4" #1 Grade Cedar Board Fence.....	37.20	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.29		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	3.90		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.27		
32 31 29 00-0017	LF	Three 2" x 4" Rails, 5' High 1" x 4" #1 Grade Cedar Board Fence.....	38.99	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.43		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	4.06		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.37		
32 31 29 00-0018	LF	Three 2" x 4" Rails, 6' High 1" x 4" #1 Grade Cedar Board Fence.....	41.97	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.62		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	4.26		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.54		
32 31 29 00-0019	LF	Three 2" x 4" Rails, 8' High 1" x 4" #1 Grade Cedar Board Fence.....	45.20	3.30	
		<i>For 1" x 6" Boards, Deduct</i>	-3.83		
		<i>For 1" x 3" Boards (Stockade Top), Add</i>	4.47		
		<i>For Fastening With Screws Instead Of Nails, Add</i>	2.72		
32 31 29 00-0020		Shadow Box <small>(32 31 29)</small>			
		Note: 1x6" board, 2x4" Rail, 4x4" post.			
32 31 29 00-0021	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 6" Pressure Treated Pine.....	57.58	3.30	
		<i>For Fastening With Screws Instead Of Nails, Add</i>	3.22		
32 31 29 00-0022	LF	Shadow Box, 3 - 2" x 4" Rails, 4' High 1" x 4" #1 Cedar.....	72.41	3.30	
		<i>For Fastening With Screws Instead Of Nails, Add</i>	4.03		
32 31 29 00-0023	LF	Shadow Box, 3 - 2" x 4" Rails, 6' High 1" x 4" #1 Cedar.....	78.94	3.30	
		<i>For Fastening With Screws Instead Of Nails, Add</i>	4.37		
32 31 29 00-0024	LF	Shadow Box, 3 - 2" x 4" Rails, 8' High 1" x 4" #1 Cedar.....	84.82	3.30	
		<i>For Fastening With Screws Instead Of Nails, Add</i>	4.70		
32 31 29 00-0025		Open Rail Fence <small>(32 31 29)</small>			
32 31 29 00-0026		Post And Rail Fence, Ranch Style <small>(32 31 29 00-0025)</small>			
32 31 29 00-0027	LF	Post And Rail Fence, 2 Rails, 3' High #1 Cedar.....	26.44	3.30	
32 31 29 00-0028	LF	Post And Rail Fence, 2 Rails, 3' High #2 Cedar.....	20.48	3.30	
32 31 29 00-0029	LF	Post And Rail Fence, 3 Rails, 4' High #1 Cedar.....	31.41	3.30	
32 31 29 00-0030	LF	Post And Rail Fence, 3 Rails, 4' High #2 Cedar.....	22.14	3.30	
32 31 29 00-0031		Split Rail Fence <small>(32 31 29 00-0025)</small>			
32 31 29 00-0032	LF	Split Rail Fence, 2 Rails, 3' High #1 Cedar.....	24.91	3.30	
32 31 29 00-0033	LF	Split Rail Fence, 2 Rails, 3' High #2 Cedar.....	20.42	3.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0034 LF Split Rail Fence, 3 Rail, 4' High #1 Cedar.....	28.49	3.30
32 31 29 00-0035 LF Split Rail Fence, 3 Rail, 4' High #2 Cedar.....	23.00	3.30
32 31 29 00-0036 Picket Fence (32 31 29)		
32 31 29 00-0037 LF Picket Fence, 2 Rail, 3' High, Pressure Treated <i>For Fastening With Screws Instead Of Nails, Add</i>	30.22 1.91	3.30
32 31 29 00-0038 LF Picket Fence, 2 Rail, 3' High #1 Cedar <i>For Fastening With Screws Instead Of Nails, Add</i>	28.17 1.80	3.30
32 31 29 00-0039 Wood Fence Post Accessories (32 31 29)		
32 31 29 00-0040 EA 3-1/2" x 3-1/2" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	43.59	
32 31 29 00-0041 EA 4" x 4" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	49.10	
32 31 29 00-0042 EA 6" x 6" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	53.41	
32 31 29 00-0043 EA 8" x 8" Copper, Pyramid Slip Over, Wood Fence Post Cap.....	79.76	
32 31 29 00-0044 Wood Gate (32 31 29)		
32 31 29 00-0045 Board Fence Gates, Pressure Treated Wood (32 31 29 00-0044)		
Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (treated lumber).		
32 31 29 00-0046 EA 3' To 5' High x 3' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	424.31	130.91
32 31 29 00-0047 EA 3' To 5' High x 3'-6" Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	469.29	138.76
32 31 29 00-0048 EA 3' To 5' High x 4' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	524.72	151.85
32 31 29 00-0049 EA 3' To 5' High x 5' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	595.68	159.70
32 31 29 00-0050 EA 3' To 5' High x 6' Wide, Pressure Treated Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	666.63	167.57
32 31 29 00-0051 EA >5' To 8' High x 3' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	540.60	172.80
32 31 29 00-0052 EA >5' To 8' High x 3'-6" Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware..... Hardware.....	588.81	180.66
32 31 29 00-0053 EA >5' To 8' High x 4' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	637.02	188.51
32 31 29 00-0054 EA >5' To 8' High x 5' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	717.74	196.36
32 31 29 00-0055 EA >5' To 8' High x 6' Wide, Pressure Treated Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	782.19	204.22
32 31 29 00-0056 Board Fence Gates, Grade 2 Cedar (32 31 29 00-0044)		
Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0057 EA 3' To 5' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	645.28	103.26
32 31 29 00-0058 EA 3' To 5' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	667.42	109.46
32 31 29 00-0059 EA 3' To 5' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	701.07	119.78
32 31 29 00-0060 EA 3' To 5' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	739.47	125.98
32 31 29 00-0061 EA 3' To 5' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	787.61	132.18
32 31 29 00-0062 EA >5' To 8' High x 3' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	760.12	136.30
32 31 29 00-0063 EA >5' To 8' High x 3'-6" Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	788.76	142.49
32 31 29 00-0064 EA >5' To 8' High x 4' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	833.65	148.69
32 31 29 00-0065 EA >5' To 8' High x 5' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	878.54	154.88
32 31 29 00-0066 EA >5' To 8' High x 6' Wide, #2 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	923.43	161.08
32 31 29 00-0067 Board Fence Gates, Grade 1 Cedar (32 31 29 00-0044)		
Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2x4 frame, 1x4 cover, galvanized nails and hinges (cedar lumber)		
32 31 29 00-0068 EA 3' To 5' High x 3' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	694.04	103.26
32 31 29 00-0069 EA 3' To 5' High x 3'-6" Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware.....	722.68	109.46
32 31 29 00-0070 EA 3' To 5' High x 4' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	759.58	119.78
32 31 29 00-0071 EA 3' To 5' High x 5' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	804.47	125.98
32 31 29 00-0072 EA 3' To 5' High x 6' Wide, #1 Cedar Board Gate, 2 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	849.36	132.18
32 31 29 00-0073 EA >5' To 8' High x 3' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	825.12	136.30
32 31 29 00-0074 EA >5' To 8' High x 3'-6" Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	853.76	142.49
32 31 29 00-0075 EA >5' To 8' High x 4' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	898.65	148.69
32 31 29 00-0076 EA >5' To 8' High x 5' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	943.54	154.88
32 31 29 00-0077 EA >5' To 8' High x 6' Wide, #1 Cedar Board Gate, 3 - 2" x 4" Rails With 1" x 4" Board, Post And Hardware	1,004.68	161.08
32 31 29 00-0078 Plywood Fence Gates (32 31 29 00-0044)		
Note: Includes galvanized extra duty hinges (1-1/2 butts per leaf), a galvanized latch and extra heavy-duty wheels per leaf, based on 2 x 4 frame, and galvanized nails and hinges.		
32 31 29 00-0079 EA 6' High, 5/8" CDX Plywood Gate, 6' To 10' Wide..... Note: Unpainted. Excludes post.	855.84	133.96
32 31 29 00-0080 EA 7' High, 5/8" CDX Plywood Gate, 6' To 10' Wide..... Note: Unpainted. Excludes post.	863.73	133.96
32 31 29 00-0081 EA 8' High, 5/8" CDX Plywood Gate, 6' To 10' Wide..... Note: Unpainted. Excludes post.	998.81	146.14
32 31 29 00-0082 EA 9' High, 5/8" CDX Plywood Gate, 6' To 10' Wide..... Note: Unpainted. Excludes post.	1,006.70	146.14
32 31 29 00-0083 EA 10' High, 5/8" CDX Plywood Gate, 6' To 10' Wide..... Note: Unpainted. Excludes post.	1,068.94	158.31
32 31 29 00-0084 EA 6' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	1,541.41	243.56
32 31 29 00-0085 EA 7' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	1,557.20	243.56

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 29 00-0086	EA		8' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	1,754.52	267.92
32 31 29 00-0087	EA		9' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	1,770.32	267.92
32 31 29 00-0088	EA		10' High, 5/8" CDX Plywood Gate, >10' To 20' Wide..... Note: Unpainted. Excludes post.	1,894.79	292.27
32 31 29 00-0089	EA		6' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	2,860.89	487.13
32 31 29 00-0090	EA		7' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	2,892.47	487.13
32 31 29 00-0091	EA		8' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	3,214.27	535.84
32 31 29 00-0092	EA		9' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	3,245.86	535.84
32 31 29 00-0093	EA		10' High, 5/8" CDX Plywood Gate, >20' To 40' Wide..... Note: Unpainted. Excludes post.	3,543.53	596.73
32 31 29 00-0094			Wood Gates Accessories (32 31 29 00-0044)		
32 31 29 00-0095	EA		Galvanized Steel Padlockable Slide Latch, 6-3/16" Bolt Length.....	47.57	11.43
32 31 29 00-0096	EA		Black Steel Padlockable Slide Latch, 6-3/16" Bolt Length.....	34.50	11.43
32 31 29 00-0097	EA		Stainless Steel Padlockable Slide Latch, 6-3/16" Bolt Length.....	89.64	11.43
32 31 29 00-0098	EA		Black Steel Cane Bolt, 18" Bolt Length.....	60.71	14.29
32 31 29 00-0099	EA		Zinc Coated Steel Cane Bolt, 18" Bolt Length.....	60.02	14.29
32 31 29 00-0100	EA		Galvanized Steel Self Latching Gate Latches, 4-1/4" Bolt Length.....	75.02	14.29
32 31 29 00-0101	EA		Black Steel Self Latching Gate Latches, 4-1/4" Bolt Length.....	53.97	14.29
32 31 29 00-0102	EA		Stainless Steel Self Latching Gate Latches, 4-1/4" Bolt Length.....	85.01	14.29
32 31 29 00-0103			Pressure Treated Wood Fence Posts (32 31 29) See CSI section 32 31 13 13-0001 for drilling augering, 32 31 56 00-0017 for barbed wire.		
32 31 29 00-0104	EA		4' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	40.38	13.09
32 31 29 00-0105	EA		6' High, Pressure Treated Wood Fence Posts, Set In Soil, Earth Fill.....	45.52	13.09
32 31 29 00-0106	EA		4' High, Pressure Treated Wood Fence Posts, Set In Concrete.....	71.07	25.13
32 31 29 00-0107	EA		6' High, Pressure Treated Wood Fence Posts, Set In Concrete.....	76.92	25.13
32 31 29 00-0108			Wood Utility Pole Fence (32 31 29) Note: Excludes post holes. See CSI section 32 31 13 13-0001 for drilling augering and backfill.		
32 31 29 00-0109	LF		Wood Utility Pole Barrier Fence..... Note: Includes notching post, drilling and pinned with #5 rebar.	51.49	3.30
32 31 29 00-0110			Wood Rail Fence (32 31 29) Note: 3" diameter treated lodgepole pine rails, 6" diameter treated lodgepole pine post. Posts at 8' centers. Excludes post holes and fill		
32 31 29 00-0111	LF		4' Above Ground Wood Rail Fence, 3 - 3" Diameter Treated Lodgepole Pine Rails, 6" Diameter, 6' Overall Treated Lodgepole Pine Post.....	26.32	3.30
32 31 34			Tubular Barrier Gates (32 31)		
32 31 34 00-0001			Tube Gate (32 31 34) See CSI section 32 31 13 13-0001 for augering post holes and concrete fill, 32 31 13 13-0632 for gate accessories.		
32 31 34 00-0002			50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate (32 31 34 00-0001) Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering, concrete, bollard and chain.		
32 31 34 00-0003	EA		4' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate..... For 13 Gauge Tubing, Add 31.75 For Galvanized Finish, Add 18.21	196.16	25.24
32 31 34 00-0004	EA		6' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate..... For 13 Gauge Tubing, Add 41.17 For Galvanized Finish, Add 23.52	254.93	32.72
32 31 34 00-0005	EA		8' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate..... For 13 Gauge Tubing, Add 56.21 For Galvanized Finish, Add 32.69	344.15	42.07
32 31 34 00-0006	EA		10' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate..... For 13 Gauge Tubing, Add 63.41 For Galvanized Finish, Add 35.64	396.52	52.35
32 31 34 00-0007	EA		12' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate..... For 13 Gauge Tubing, Add 75.40 For Galvanized Finish, Add 42.53	470.45	62.26
32 31 34 00-0008	EA		14' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate..... For 13 Gauge Tubing, Add 81.67 For Galvanized Finish, Add 45.48	513.48	70.10
32 31 34 00-0009	EA		16' Wide, 50" Height, 2" Diameter 16 Gauge Powder Coated Tubing, Six Rail Tube Gate..... For 13 Gauge Tubing, Add 96.30 For Galvanized Finish, Add 54.00	603.00	80.85

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 31 34 00-0010				33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate <small>(32 31 34 00-0001)</small>		
				Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.		
32 31 34 00-0011	EA			4' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	256.98	25.24
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	72.88	
32 31 34 00-0012	EA			6' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	307.25	32.72
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	83.64	
32 31 34 00-0013	EA			8' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	366.92	42.06
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	96.29	
32 31 34 00-0014	EA			10' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	422.45	52.35
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	105.42	
32 31 34 00-0015	EA			12' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	478.93	62.26
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	116.80	
32 31 34 00-0016	EA			14' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	530.49	70.10
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	128.07	
32 31 34 00-0017	EA			16' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	592.35	80.85
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	139.73	
32 31 34 00-0018	EA			18' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	680.70	91.00
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	161.98	
32 31 34 00-0019	EA			20' Wide, 33" Height, 1-3/4" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	759.08	101.79
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	191.46	
32 31 34 00-0020				33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate <small>(32 31 34 00-0001)</small>		
				Note: Round top edges. Includes lag bolt hinges, lock plate and hardware. Excludes augering and concrete.		
32 31 34 00-0021	EA			4' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	278.33	25.24
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	81.42	
32 31 34 00-0022	EA			6' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	328.24	32.72
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	92.04	
32 31 34 00-0023	EA			8' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	381.15	42.06
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	101.98	
32 31 34 00-0024	EA			10' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	443.21	52.35
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	113.72	
32 31 34 00-0025	EA			12' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	493.93	62.26
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	122.80	
32 31 34 00-0026	EA			14' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	565.51	70.10
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	142.08	
32 31 34 00-0027	EA			16' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	630.37	80.85
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	154.94	
32 31 34 00-0028	EA			18' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	738.73	91.00
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	185.20	
32 31 34 00-0029	EA			20' Wide, 33" Height, 2" Diameter 16 Gauge Galvanized Steel Tubing, Six Rail Tube Gate.....	811.26	101.79
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	212.34	
32 31 34 00-0030				Tubular Steel Barrier Gate (Triangular Shape) <small>(32 31 34 00-0001)</small>		
				Note: Includes posts, caps, welded hinges and lock keeper. Excludes augering, concrete, and bollards.		
32 31 34 00-0031	EA			4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post.....	2,224.74	52.35
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	742.42	
32 31 34 00-0032	EA			4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post.....	2,411.48	62.26
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	796.05	
32 31 34 00-0033	EA			4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 3" Diameter Post.....	2,859.68	70.10
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	956.64	
32 31 34 00-0034	EA			4' High x 10' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post.....	2,310.14	52.35
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	776.30	
32 31 34 00-0035	EA			4' High x 12' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post.....	2,509.08	62.26
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	834.76	
32 31 34 00-0036	EA			4' High x 14' Wide Opening Tubular Galvanized Steel Barrier Gate With 4" Diameter Post.....	2,957.27	70.10
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	995.34	
32 31 34 00-0037				Four Rail Tube Gate, 1-1/2" Diameter Welded Galvanized Steel Tubing <small>(32 31 34 00-0001)</small>		
				Note: Excludes augering holes and concrete.		
32 31 34 00-0038	EA			4' Four Rail Metal Frame Tube Gate, 1-1/2" Diameter Welded Galvanized Steel With Posts.....	435.29	25.24
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	39.52	
32 31 34 00-0039				Tubular Horse Gate <small>(32 31 34 00-0001)</small>		
				Note: Includes posts, caps and hardware. Treated with Natina (or Equal) galvanized surface stain "rustic brown finish". Excludes augering holes and concrete.		
32 31 34 00-0040	EA			5-1/2' Above Ground, 5' Wide Tubular Galvanized Steel Horse Gate With 3" Diameter Posts.....	3,967.82	25.24
				<i>For Natina (or Equal) Galvanized Surface Stain "Rustic Brown Finish", Add</i>	1,231.94	
32 31 34 00-0041				Pipe Gate <small>(32 31 34)</small>		
				Note: Excludes augering and concrete. See CSI section 32 31 13 13-0001 for augering post holes and concrete fill.		
32 31 34 00-0042	EA			20' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier).....	3,999.74	
32 31 34 00-0043	EA			25' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier).....	5,005.62	
32 31 34 00-0044	EA			30' Galvanized Steel Pipe Gate, Swinging (Road Access Barrier).....	5,967.39	

32 Exterior Improvements**32 30 Site Improvements****32 31 Fences and Gates**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
32 31 41 Precast Concrete Fences (32 31)

32 31 41 00-0001	Precast Post And Rail Fence, Ranch Style, With Integral Color Concrete. (32 31 41) Note: Includes post holes, fill, spreading of excess material on site. See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 41 00-0002	LF Precast Post And Rail Fence With Integral Color Concrete, 2 Rails, 3' Above Ground With 2' Bury Note: Includes 12" diameter holes with concrete fill for line posts and 18" diameter holes with concrete fill at corners.	65.25	3.30

32 31 56 Wild Life Deterrent Fence (32 31)

32 31 56 00-0001	Barbed Wire Fences (32 31 56) Note: Excludes post holes and fill See CSI section 32 31 13 13-0001 for drilling for augering holes and backfill.		
32 31 56 00-0002	Fence Posts (32 31 56 00-0001)		
32 31 56 00-0003	Fence Post Soil, Set In Concrete (32 31 56 00-0002)		
32 31 56 00-0004	EA Barbed Wire Fence Post, Galvanized Set In Concrete In Soil For Bracing On Corner Post, End Post And Pull Post, Add	100.62 162.74	7.48
32 31 56 00-0005	EA Barbed Wire Fence Post, Vinyl Coated Set In Concrete In Soil For Bracing On Corner Post, End Post And Pull Post, Add	136.75 223.08	7.48
32 31 56 00-0006	Post In Rock (32 31 56 00-0002)		
32 31 56 00-0007	EA Barbed Wire Fence Post, Galvanized Grouted In Rock For Bracing On Corner Post, End Post And Pull Post, Add	98.98 160.28	7.48
32 31 56 00-0008	EA Barbed Wire Fence Post, Vinyl Coated Grouted In Rock For Bracing On Corner Post, End Post And Pull Post, Add	135.11 220.62	7.48
32 31 56 00-0009	Studded Steel T-Posts, Enamel Paint Finish (32 31 56 00-0001) Note: Posts for barb wire, chain link or welded wire mesh.		
32 31 56 00-0010	EA 5' Studded Steel T-Post, Driven Into Earth	24.78	
32 31 56 00-0011	EA 5'-6" Studded Steel T-Post, Driven Into Earth	25.39	
32 31 56 00-0012	EA 6' Studded Steel T-Post, Driven Into Earth	26.59	
32 31 56 00-0013	EA 6'-6" Studded Steel T-Post, Driven Into Earth	27.79	
32 31 56 00-0014	EA 7' Studded Steel T-Post, Driven Into Earth	29.39	
32 31 56 00-0015	EA 8' Studded Steel T-Post, Driven Into Earth	33.21	
32 31 56 00-0016	EA 10' Studded Steel T-Post, Driven Into Earth	40.79	
32 31 56 00-0017	Barbed Wire (32 31 56 00-0001) Note: Per strand.		
32 31 56 00-0018	LF Galvanized Barbed Wire For Wild Life Deterrent Fencing, Per Strand	0.84	0.38
32 31 56 00-0019	LF Vinyl Coated Barbed Wire, For Wild Life Deterrent Fencing, Per Strand	0.98	0.38
32 31 56 00-0020	Barbed Wire Fence, Farm Style, With Wood Posts (32 31 56 00-0001) Note: Based on post at 10' centers, two corner post and two pull post per 300 lf.		
32 31 56 00-0021	LF 4'-6" Height, Three (3) Strand Barbed Wire Fence With Wood Posts Note: Posts at 10' maximum.	11.34	2.43

32 32 Retaining Walls (32 30)**32 32 13 Cast-In-Place Concrete Retaining Wall** (32 32)

Note: System includes all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.

32 32 13 00-0001	Concrete Retaining Walls (32 32 13) Note: System elements include all necessary forms (4 uses), 3000 PSI concrete with an 8" chute, all necessary reinforcing steel, and underdrain. Exposed concrete is patched and rubbed. Excludes initial site grading, subbase preparation or finish grading.		
32 32 13 00-0002	LF 4' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	344.55 7.25	129.67
32 32 13 00-0003	LF 6' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	429.35 9.36	159.57
32 32 13 00-0004	LF 8' High With Base, 10" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	467.29 10.46	172.12
32 32 13 00-0005	LF 10' High With Base, 13" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	593.88 14.31	212.82
32 32 13 00-0006	LF 12' High With Base, 14" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	684.27 16.60	244.45
32 32 13 00-0007	LF 16' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	990.97 23.27	358.62
32 32 13 00-0008	LF 20' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	1,361.01 31.51	495.09
32 32 13 00-0009	LF 4' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	378.45 8.09	141.61
32 32 13 00-0010	LF 6' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	462.64 10.32	170.64
32 32 13 00-0011	LF 8' High With Base, 12" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall For >3:1 Sloped Soil At Top, Add	489.31 11.32	178.04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 13 00-0012 LF 10' High With Base, 16" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall <i>For >3:1 Sloped Soil At Top, Add</i>	671.79 16.53	238.62
32 32 13 00-0013 LF 12' High With Base, 18" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall <i>For >3:1 Sloped Soil At Top, Add</i>	852.63 20.37	306.50
32 32 13 00-0014 LF 16' High With Base, 21" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall <i>For >3:1 Sloped Soil At Top, Add</i>	1,279.58 29.79	464.59
32 32 13 00-0015 LF 20' High With Base, 24" Thick, Reinforced, Cast-In-Place Concrete Retaining Wall <i>For >3:1 Sloped Soil At Top, Add</i>	1,805.92 42.02	655.79
 32 32 16 Precast Concrete Retaining Walls (32 32)		
32 32 16 00-0001 Precast Retaining Walls (32 32 16) Note: Tied-back earth walls. Includes precast filter fabric, soil reinforcing mesh and cast-in-place coping. Excludes concrete leveling pad, or select earth excavation and backfill.		
32 32 16 00-0002 SF 10-15' High, Tied-back, Precast Concrete Retaining Walls	95.36	13.13
32 32 16 00-0003 SF 16-20' High, Tied-back, Precast Concrete Retaining Walls	98.17	10.55
32 32 16 00-0004 SF 21-25' High, Tied-back, Precast Concrete Retaining Walls	101.99	8.80
32 32 16 00-0005 SF 26-30' High, Tied-back, Precast Concrete Retaining Walls	110.34	8.80
32 32 16 00-0006 SF >30' High, Tied-back, Precast Concrete Retaining Walls	116.88	7.50
 32 32 23 Segmental Retaining Walls (32 32)		
32 32 23 13 Segmental Concrete Unit Masonry Retaining Walls (32 32 23)		
32 32 23 13-0001 Modular Retaining Wall Systems (32 32 23 13) Note: Includes installation, material and manufacturer's wall design. Includes stone wall, cap stones, #57 stone backing, Geo-Grid (2/3 height of wall), miradrain and fill with earth, and compaction. Includes cap at top, pins, and installation. Excludes initial site grading, subbase preparation or finish grading.		
32 32 23 13-0002 "Amastone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0003 SF Up To 4' Height "Amastone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	66.63 4.16	8.87
32 32 23 13-0004 SF 4 To 8' Height "Amastone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	70.29 4.39	9.33
32 32 23 13-0005 SF 8 To 12' Height "Amastone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	73.33 4.49	10.26
32 32 23 13-0006 SF 12 To 16' Height "Amastone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	76.55 4.60	11.20
32 32 23 13-0007 "Diamond" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0008 SF Up To 4' Height "Diamond" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	69.19 4.37	8.87
32 32 23 13-0009 SF 4 To 8' Height "Diamond" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	72.85 4.61	9.33
32 32 23 13-0010 SF 8 To 12' Height "Diamond" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	75.89 4.71	10.26
32 32 23 13-0011 SF 12 To 16' Height "Diamond" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	79.10 4.82	11.20
32 32 23 13-0012 "Keystone" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0013 SF Up To 4' Height "Keystone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	75.30 4.89	8.87
32 32 23 13-0014 SF 4 To 8' Height "Keystone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	78.96 5.13	9.33
32 32 23 13-0015 SF 8 To 12' Height "Keystone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	82.00 5.22	10.26
32 32 23 13-0016 SF 12 To 16' Height "Keystone" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	85.21 5.34	11.20
32 32 23 13-0017 "Criblock" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0018 SF Up To 4' Height "Criblock" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	66.63 4.16 0.25	8.87
32 32 23 13-0019 SF 4 To 8' Height "Criblock" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	70.29 4.39 0.25	9.33
32 32 23 13-0020 SF 8 To 12' Height "Criblock" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	73.33 4.49 0.25	10.26
32 32 23 13-0021 SF 12 To 16' Height "Criblock" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Gravel Backfill Instead Of Earth, Add</i>	76.55 4.60 0.25	11.20
32 32 23 13-0022 "Versa-Lok" Type Modular Retaining Wall Systems (32 32 23 13-0001)		
32 32 23 13-0023 SF Up To 4' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	58.88 3.50	8.87
32 32 23 13-0024 SF 4 To 8' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	65.10 3.95	9.33

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 23 13-0025	SF		8 To 12' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	68.18 4.05	10.26
32 32 23 13-0026	SF		12 To 16' Height "Versa-Lok" Type Modular Retaining Wall System <i>For >3:1 Sloped Soil At Top, Add</i>	70.91 4.12	11.20
32 32 23 13-0027			Retaining Wall Cap Block Restoration <small>(32 32 23 13-0001)</small> Note: Includes removal of existing cap block and installation of new cap block to match.		
32 32 23 13-0028	LF		Removal And Reinstall Retaining Wall Cap Block And Pins <i>For >3:1 Sloped Soil At Top, Add</i>	31.90 1.64	
32 32 26			Metal Crib Retaining Walls <small>(32 32)</small>		
32 32 26 00-0001			Bin Type Retaining Wall <small>(32 32 26)</small>		
32 32 26 00-0002			Vertical Bin Walls <small>(32 32 26 00-0001)</small> Note: Excludes excavation and backfill.		
32 32 26 00-0003	SF		5.5' Vertical Bin Retaining Wall, Wall Heights To 11'	72.57	
32 32 26 00-0004	SF		7.7' Vertical Bin Retaining Wall, Wall Heights, 8.33' To 16.33'	86.24	
32 32 26 00-0005	SF		9.9' Vertical Bin Retaining Wall, Wall Heights, 13.67' To 21.67'	100.52	
32 32 26 00-0006	SF		12.1' Vertical Bin Retain Wall, Wall Heights 17.67' To 25.67'	108.72	
32 32 26 00-0007	SF		14.3' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	121.37	
32 32 26 00-0008	SF		16.5' Vertical Bin Retain Wall, Wall Heights 20.33' To 28.33'	129.58	
32 32 26 00-0009			Battered Bin Walls <small>(32 32 26 00-0001)</small> Note: Excludes excavation and backfill.		
32 32 26 00-0010	SF		5.5' Battered Bin Retain Wall, Wall Heights To 11'	64.23	
32 32 26 00-0011	SF		7.7' Battered Bin Retain Wall, Wall Heights To 16.33'	69.70	
32 32 26 00-0012	SF		9.9' Battered Bin Retain Wall, Wall Heights 13.67' To 21.67'	78.41	
32 32 26 00-0013	SF		12.1' Battered Bin Retain Wall, Wall Heights 17.67' To 25.67'	87.98	
32 32 26 00-0014	SF		14.3' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	102.96	
32 32 26 00-0015	SF		16.5' Battered Bin Retain Wall, Wall Heights 20.33' To 28.33'	105.69	
32 32 26 00-0016			Aluminized Steel Bin <small>(32 32 26)</small> Note: Excludes excavation and backfill.		
32 32 26 00-0017	SF		4' High, 5.5' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	49.63 3.41 -4.01	4.78
32 32 26 00-0018	SF		8' High, 5.5' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	55.81 3.92 -4.62	4.78
32 32 26 00-0019	SF		10' High, 7.7' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	59.57 4.18 -4.92	5.22
32 32 26 00-0020	SF		12' High, 7.7' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	67.88 4.77 -5.61	5.90
32 32 26 00-0021	SF		16' High, 7.7' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	65.20 4.51 -5.31	6.12
32 32 26 00-0022	SF		16' High, 9.9' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	72.93 5.15 -6.06	6.23
32 32 26 00-0023	SF		20' High, 9.9' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	81.00 5.76 -6.78	6.57
32 32 26 00-0024	SF		20' High, 12.1' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	82.90 5.88 -6.92	6.90
32 32 26 00-0025	SF		24' High, 12.1' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	87.36 6.25 -7.36	6.90
32 32 26 00-0026	SF		24' High, 14.3' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	91.78 6.62 -7.79	7.01
32 32 26 00-0027	SF		28' High, 14.3' Deep Aluminized Steel Bin <i>For >3:1 Sloped Soil At Top, Add</i> <i>For Galvanized Type, Deduct</i>	94.91 6.86 -8.08	7.12
32 32 29			Timber Retaining Walls <small>(32 32)</small>		
32 32 29 00-0001			Wood Post Retaining Walls <small>(32 32 29)</small> Note: System includes wood posts installed side-by-side to various heights, and underdrain. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0002	LF		4" x 4", 1' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	86.78 2.55	28.45
32 32 29 00-0003	LF		4" x 4", 2' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	169.80 4.97	55.71
32 32 29 00-0004	LF		4" x 4", 1' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	82.96 2.22	28.45
32 32 29 00-0005	LF		4" x 4", 2' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	162.36 4.34	55.71

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0006	LF		4" x 4", 1' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	81.48 2.69	24.86
32 32 29 00-0007	LF		4" x 4", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	159.52 5.29	48.62
32 32 29 00-0008	LF		4" x 4", 1' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	69.45 2.15	22.06
32 32 29 00-0009	LF		4" x 4", 2' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	125.56 3.88	39.93
32 32 29 00-0010	LF		6" x 6", 2' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	232.73 8.31	67.49
32 32 29 00-0011	LF		6" x 6", 4' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	460.02 16.62	132.28
32 32 29 00-0012	LF		6" x 6", 2' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	228.48 7.95	67.49
32 32 29 00-0013	LF		6" x 6", 4' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	449.39 15.72	132.28
32 32 29 00-0014	LF		6" x 6", 2' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	210.62 8.58	54.81
32 32 29 00-0015	LF		6" x 6", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	418.43 17.16	108.21
32 32 29 00-0016	LF		6" x 6", 2' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	161.08 6.23	43.83
32 32 29 00-0017	LF		6" x 6", 4' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	317.11 12.38	85.75
32 32 29 00-0018	LF		8" x 8", 4' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	583.78 24.75	146.25
32 32 29 00-0019	LF		8" x 8", 6' High, Redwood, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	1,092.32 46.44	273.04
32 32 29 00-0020	LF		8" x 8", 4' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	562.53 22.95	146.25
32 32 29 00-0021	LF		8" x 8", 6' High, Cedar, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	1,051.93 43.00	273.04
32 32 29 00-0022	LF		8" x 8", 4' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	576.94 20.36	168.72
32 32 29 00-0023	LF		8" x 8", 6' High, Pressure Treated Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	1,076.25 37.92	315.07
32 32 29 00-0024	LF		8" x 8", 4' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	448.09 14.91	136.37
32 32 29 00-0025	LF		8" x 8", 6' High, Creosoted Lumber, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	831.10 27.65	252.97
32 32 29 00-0026	LF		4' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	165.63 4.52	56.20
32 32 29 00-0027	LF		6' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	247.39 6.69	84.36
32 32 29 00-0028	LF		8' High, Cedar, Random Diameter Poles, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	329.05 8.85	112.41
32 32 29 00-0029	LF		4' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	115.64 4.43	31.74
32 32 29 00-0030	LF		6' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	168.20 6.51	45.82
32 32 29 00-0031	LF		8' High Creosoted Lumber, Random Diameter Poles, Wood Post Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	227.88 8.85	61.90
32 32 29 00-0032			Post And Board Retaining Walls (32 32 29) Note: System includes all the elements that must go into a wall that resists lateral pressure. System elements include posts and boards, cap, underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0033	LF		4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Redwood, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	72.33 3.28	16.87
32 32 29 00-0034	LF		4" x 4" Post, 2' Spacing, 4' High, 2" Planking, Redwood, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	109.72 4.43	28.85
32 32 29 00-0035	LF		6" x 6" Post, 4' Spacing, 5' High 2" Planking, Redwood, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	145.06 6.23	35.84
32 32 29 00-0036	LF		6" x 6" Post, 3' Spacing, 6' High, 2" Planking, Redwood, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	202.50 8.58	50.81
32 32 29 00-0037	LF		6" x 6" With Deadman, 3' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	265.02 11.29	66.09
32 32 29 00-0038	LF		8" x 8" Post, 2' Spacing, 8' High, 2" Planking, Redwood, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	546.39 24.21	130.78
32 32 29 00-0039	LF		8" x 8" With Deadman, 2' Spacing, 9' High, 2" Planking, Redwood, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	619.13 28.01	144.85
32 32 29 00-0040	LF		4" x 4" Post, 4' Spacing, 3' High, 2" Planking, Cedar, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	73.20 3.23	17.57
32 32 29 00-0041	LF		4" x 4" With Deadman, 2' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	128.34 5.60	31.25
32 32 29 00-0042	LF		6" x 6" Post, 4' Spacing, 4' High 2" Planking, Cedar, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	126.14 5.51	30.65
32 32 29 00-0043	LF		6" x 6" Post, 3' Spacing, 5' High 2" Planking, Cedar, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	176.25 7.50	44.03
32 32 29 00-0044	LF		6" x 6" Post, 2' Spacing, 6' High 2" Planking, Cedar, Post And Board Retaining Walls <i>For >3:1 Sloped Soil At Top, Add</i>	273.48 11.29	70.28
32 32 29 00-0045	LF		6 x 6 Post With Deadman, 3' Spacing, 6' High, 2" Planking, Cedar <i>For >3:1 Sloped Soil At Top, Add</i>	217.45 9.30	54.01
32 32 29 00-0046	LF		8 x 8 Post With Deadman, 2' Spacing, 8' High, 2" Planking, Cedar <i>For >3:1 Sloped Soil At Top, Add</i>	565.38 25.12	134.97

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0047	LF		4 x 4 Post, 4' Spacing, 3' High 2" Planking, Pressure Treated.....	86.75	32.45
			<i>For >3:1 Sloped Soil At Top, Add</i>	1.85	
32 32 29 00-0048	LF		4 x 4 Post, 3' Spacing, 4' High 2" Planking, Pressure Treated.....	125.95	46.12
			<i>For >3:1 Sloped Soil At Top, Add</i>	2.86	
32 32 29 00-0049	LF		4 x 4 Post With Deadman, 2' Space, 5' High, 2" Planking, Pressure Treat.....	184.99	63.30
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.97	
32 32 29 00-0050	LF		6 x 6 Post, 3' Spacing, 6' High, 2" Planking, Pressure Treated.....	327.42	106.82
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.67	
32 32 29 00-0051	LF		6 x 6 Post, 2' Spacing, 7' High, 2" Planking, Pressure Treated.....	332.73	106.82
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.12	
32 32 29 00-0052	LF		6 x 6 Post With Deadman, 3' Spacing 8' High, 2" Planking, Pressure Treat.....	311.59	102.63
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.03	
32 32 29 00-0053	LF		8 x 8 Post With Deadman, 2' Spacing 10' High, 2" Planking, Pressure Treated.....	735.72	236.10
			<i>For >3:1 Sloped Soil At Top, Add</i>	22.41	
32 32 29 00-0054	LF		4 x 4 Post, 4' Spacing, 3' High Creosoted 2" Planking.....	86.75	32.45
			<i>For >3:1 Sloped Soil At Top, Add</i>	1.85	
32 32 29 00-0055	LF		4 x 4 Post, 3' Spacing, 4' High Creosoted, 2" Planking.....	125.95	46.12
			<i>For >3:1 Sloped Soil At Top, Add</i>	2.86	
32 32 29 00-0056	LF		4 x 4 Post With Deadman, 2' Spacing, 5' High, Creosoted, 2" Planking.....	184.99	63.30
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.97	
32 32 29 00-0057	LF		6 x 6 Post, 3' Spacing, 6' High Creosoted, 2" Planking.....	232.92	78.77
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.41	
32 32 29 00-0058	LF		6" x 6" Post, 2' Spacing, 7' High, 2" Planking, Creosoted, Post And Board Retaining Walls.....	327.42	106.82
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.67	
32 32 29 00-0059	LF		6" x 6" Post With Deadman, 3' Spacing, 8' High, 2" Planking, Creosoted, Post And Board Retaining Walls.....	311.59	102.63
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.03	
32 32 29 00-0060	LF		8" x 8" Post With Deadman, 2' Spacing, 10' High, Creosoted, 2" Planking, Post And Board Retaining Walls.....	735.72	236.10
			<i>For >3:1 Sloped Soil At Top, Add</i>	22.41	
32 32 29 00-0061			Wood Tie Retaining Walls, Rod Connector At 4' <small>(32 32 29)</small>		
			Note: The system includes all the elements that must go into a wall that resists lateral pressure. System elements include: wood ties, threaded rod (1/2" diameter), underdrain, and deadman where required. Excludes initial site grading, subbase preparation or finish grading.		
32 32 29 00-0062			Redwood <small>(32 32 29 00-0061)</small>		
32 32 29 00-0063	LF		2' High, 6" x 6" Wood Tie Wall.....	120.19	34.54
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.34	
32 32 29 00-0064	LF		4' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	274.37	78.77
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.94	
32 32 29 00-0065	LF		6' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	410.57	118.10
			<i>For >3:1 Sloped Soil At Top, Add</i>	14.82	
32 32 29 00-0066	LF		4' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	404.37	101.23
			<i>For >3:1 Sloped Soil At Top, Add</i>	17.16	
32 32 29 00-0067	LF		6' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	607.75	151.84
			<i>For >3:1 Sloped Soil At Top, Add</i>	25.84	
32 32 29 00-0068	LF		8' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	803.16	199.66
			<i>For >3:1 Sloped Soil At Top, Add</i>	34.33	
32 32 29 00-0069			Cedar <small>(32 32 29 00-0061)</small>		
32 32 29 00-0070	LF		2' High, 6" x 6" Wood Tie Wall.....	118.06	34.54
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.16	
32 32 29 00-0071	LF		4' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	268.00	78.77
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.40	
32 32 29 00-0072	LF		6' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	402.07	118.10
			<i>For >3:1 Sloped Soil At Top, Add</i>	14.09	
32 32 29 00-0073	LF		4' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	389.49	101.23
			<i>For >3:1 Sloped Soil At Top, Add</i>	15.90	
32 32 29 00-0074	LF		6' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	586.49	151.84
			<i>For >3:1 Sloped Soil At Top, Add</i>	24.03	
32 32 29 00-0075	LF		8' High, 8" x 8" Wood Tie Wall Deadman At 6'.....	773.40	199.66
			<i>For >3:1 Sloped Soil At Top, Add</i>	31.80	
32 32 29 00-0076			Creosoted Wood <small>(32 32 29 00-0061)</small>		
32 32 29 00-0077	LF		2' High, 6" x 8" Wood Tie Wall.....	127.91	45.82
			<i>For >3:1 Sloped Soil At Top, Add</i>	3.08	
32 32 29 00-0078	LF		4' High, 6" x 8" Wood Tie Wall Deadman At 6'.....	292.76	105.42
			<i>For >3:1 Sloped Soil At Top, Add</i>	6.96	
32 32 29 00-0079	LF		6' High, 6" x 8" Wood Tie Wall Deadman At 6'.....	434.32	156.04
			<i>For >3:1 Sloped Soil At Top, Add</i>	10.39	
32 32 29 00-0080	LF		4' High, 7" x 9" Wood Tie Wall Deadman At 6'.....	588.24	212.24
			<i>For >3:1 Sloped Soil At Top, Add</i>	13.91	
32 32 29 00-0081	LF		6' High, 7" x 9" Wood Tie Wall Deadman At 6'.....	856.42	309.18
			<i>For >3:1 Sloped Soil At Top, Add</i>	20.24	
32 32 29 00-0082	LF		8' High, 7" x 9" Wood Tie Wall Deadman At 6'.....	1,136.59	409.91
			<i>For >3:1 Sloped Soil At Top, Add</i>	26.92	
32 32 29 00-0083			Pressure Treated Wood <small>(32 32 29 00-0061)</small>		
32 32 29 00-0084	LF		2' High, 6" x 6" Wood Tie Wall.....	105.04	28.55
			<i>For >3:1 Sloped Soil At Top, Add</i>	4.07	
32 32 29 00-0085	LF		4' High, 6" x 6" Wood Tie Wall Deadman At 6'.....	238.82	64.69
			<i>For >3:1 Sloped Soil At Top, Add</i>	9.30	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 29 00-0086 LF 6' High, 6" x 6" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	357.70 13.91	97.04
32 32 29 00-0087 LF 4' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	383.17 12.74	116.70
32 32 29 00-0088 LF 6' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	576.17 19.33	174.40
32 32 29 00-0089 LF 8' High, 8" x 8" Wood Tie Wall Deadman At 6'..... <i>For >3:1 Sloped Soil At Top, Add</i>	763.48 25.48	231.91
32 32 53 Stone Retaining Walls (32 32)		
32 32 53 00-0001 Stone Retaining Walls (32 32 53)		
Note: Construction is either dry set or mortar set. System includes concrete base, crushed stone, underdrain, and backfill. Standard design to have 12" thick top with vertical backside and sloped face at 2" per foot of height. Excludes initial site grading, subbase preparation or finish grading.		
32 32 53 00-0002 Stone Retaining Walls (32 32 53 00-0001)		
Note: Stone at \$16.00/ton.		
32 32 53 00-0003 LF \$16.00/ton 3' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	469.96 4.23	210.08
32 32 53 00-0004 LF \$16.00/ton 4' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	554.25 4.62	249.93
32 32 53 00-0005 LF \$16.00/ton 6' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	727.68 5.41	332.06
32 32 53 00-0006 LF \$16.00/ton 8' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,120.52 6.98	519.18
32 32 53 00-0007 LF \$16.00/ton 10' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,455.47 8.26	679.15
32 32 53 00-0008 LF \$16.00/ton 12' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,806.00 9.73	845.74
32 32 53 00-0009 LF \$16.00/ton 3' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	421.72 4.23	186.00
32 32 53 00-0010 LF \$16.00/ton 4' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	494.52 4.62	220.07
32 32 53 00-0011 LF \$16.00/ton 6' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	639.51 5.41	287.91
32 32 53 00-0012 LF \$16.00/ton 8' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	978.61 6.98	448.25
32 32 53 00-0013 LF \$16.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,256.40 8.26	579.66
32 32 53 00-0014 LF \$16.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,560.45 9.73	723.02
32 32 53 00-0015 Stone Retaining Walls (32 32 53 00-0001)		
Note: Stone at \$32.00/ton.		
32 32 53 00-0016 LF \$32.00/ton 3' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	484.99 5.50	210.08
32 32 53 00-0017 LF \$32.00/ton 4' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	575.06 6.39	249.93
32 32 53 00-0018 LF \$32.00/ton 6' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	757.74 7.96	332.06
32 32 53 00-0019 LF \$32.00/ton 8' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,164.45 10.71	519.18
32 32 53 00-0020 LF \$32.00/ton 10' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,515.59 13.37	679.15
32 32 53 00-0021 LF \$32.00/ton 12' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,882.31 16.22	845.74
32 32 53 00-0022 LF \$32.00/ton 3' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	436.75 5.50	186.00
32 32 53 00-0023 LF \$32.00/ton 4' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	515.33 6.39	220.07
32 32 53 00-0024 LF \$32.00/ton 6' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	669.57 7.96	287.91
32 32 53 00-0025 LF \$32.00/ton 8' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,022.54 10.71	448.25
32 32 53 00-0026 LF \$32.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,316.52 13.37	579.66
32 32 53 00-0027 LF \$32.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,636.76 16.22	723.02
32 32 53 00-0028 Stone Retaining Walls (32 32 53 00-0001)		
Note: Stone at \$48.00/ton.		
32 32 53 00-0029 LF \$48.00/ton 3' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	501.17 6.88	210.08
32 32 53 00-0030 LF \$48.00/ton 4' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	595.64 8.14	249.93
32 32 53 00-0031 LF \$48.00/ton 6' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	786.64 10.42	332.06
32 32 53 00-0032 LF \$48.00/ton 8' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,208.39 14.45	519.18
32 32 53 00-0033 LF \$48.00/ton 10' High Stone Retaining Wall, Dry Set <i>For >3:1 Sloped Soil At Top, Add</i>	1,575.71 18.48	679.15

32 Exterior Improvements**32 30 Site Improvements****32 32 Retaining Walls**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 32 53 00-0034	LF		\$48.00/ton 12' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,959.77 22.80	845.74
32 32 53 00-0035	LF		\$48.00/ton 3' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	452.93 6.88	186.00
32 32 53 00-0036	LF		\$48.00/ton 4' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	536.14 8.16	220.07
32 32 53 00-0037	LF		\$48.00/ton 6' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	698.47 10.42	287.91
32 32 53 00-0038	LF		\$48.00/ton 8' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,066.48 14.45	448.25
32 32 53 00-0039	LF		\$48.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,376.64 18.48	579.66
32 32 53 00-0040	LF		\$48.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,714.22 22.80	723.02
32 32 53 00-0041			Stone Retaining Walls (32 32 53 00-0001) Note: Stone at \$64.00/ton.		
32 32 53 00-0042	LF		\$64.00/ton 3' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	517.36 8.26	210.08
32 32 53 00-0043	LF		\$64.00/ton 4' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	593.56 7.96	249.93
32 32 53 00-0044	LF		\$64.00/ton 6' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	817.86 13.07	332.06
32 32 53 00-0045	LF		\$64.00/ton 8' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,254.63 18.38	519.18
32 32 53 00-0046	LF		\$64.00/ton 10' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,638.14 23.78	679.15
32 32 53 00-0047	LF		\$64.00/ton 12' High Stone Retaining Wall, Dry Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	2,038.39 29.48	845.74
32 32 53 00-0048	LF		\$64.00/ton 3' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	469.12 8.26	186.00
32 32 53 00-0049	LF		\$64.00/ton 4' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	556.95 9.93	220.07
32 32 53 00-0050	LF		\$64.00/ton 6' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	729.69 13.07	287.91
32 32 53 00-0051	LF		\$64.00/ton 8' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,112.72 18.38	448.25
32 32 53 00-0052	LF		\$64.00/ton 10' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,439.07 23.78	579.66
32 32 53 00-0053	LF		\$64.00/ton 12' High Stone Retaining Wall, Mortar Set..... <i>For >3:1 Sloped Soil At Top, Add</i>	1,792.84 29.48	723.02
32 33 Site Furnishings (32 30)					
32 33 13 Site Bicycle Racks (32 33)					
32 33 13 00-0001			Bicycle Organizer And Rack (32 33 13)		
32 33 13 00-0002			Vertical Style Bike Racks Single/Double Sided, Galvanized (32 33 13 00-0001)		
32 33 13 00-0003			Double Sided (32 33 13 00-0002)		
32 33 13 00-0004	EA		5' Galvanized Steel Double Sided Bike Rack, 9 Bikes.....	686.50	115.67
32 33 13 00-0005	EA		10' Galvanized Steel Double Sided Bike Rack, 18 Bikes.....	1,034.59	190.04
32 33 13 00-0006	EA		20' Galvanized Steel Double Sided Bike Rack, 36 Bikes.....	1,784.30	289.20
32 33 13 00-0007			Single Sided (32 33 13 00-0002)		
32 33 13 00-0008	EA		5' Galvanized Steel Single Sided Bike Rack, 5 Bikes.....	600.91	103.29
32 33 13 00-0009	EA		10' Galvanized Steel Single Sided Bike Rack, 9 Bikes.....	848.70	171.87
32 33 13 00-0010	EA		20' Galvanized Steel Single Sided Bike Rack, 18 Bikes.....	1,456.19	258.21
32 33 13 00-0011			Anchor Set For Vertical Style Bike Rack (32 33 13 00-0002)		
32 33 13 00-0012	PR		Anchor Set For Vertical Style Bike Rack..... Note: Anchoring frame to ground.	118.51	
32 33 13 00-0013			Bike Racks Ground Loop (32 33 13 00-0001)		
32 33 13 00-0014	EA		Note: In-ground mount. 83" Ground Loop Bike Rack, Surface Or Wall Mounted, 12 Bikes.....	904.44	202.69
32 33 13 00-0015			Serpentine Bike Racks (32 33 13 00-0001)		
32 33 13 00-0016			Galvanized, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0017	EA		1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Galvanized.....	498.94	123.94
32 33 13 00-0018	EA		3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Galvanized.....	680.81	134.27
32 33 13 00-0019	EA		5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Galvanized.....	862.69	144.60
32 33 13 00-0020	EA		7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Galvanized.....	1,067.61	154.93
32 33 13 00-0021	EA		9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Galvanized.....	1,272.51	165.25
32 33 13 00-0022	EA		11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Galvanized.....	1,385.30	175.59

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 13 00-0023 Galvanized, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0024 EA 1' x 42" High Serpentine Bike Rack, 3 Bikes, Galvanized.....	566.46	123.94
32 33 13 00-0025 EA 3' x 42" High Serpentine Bike Rack, 5 Bikes, Galvanized.....	729.49	134.27
32 33 13 00-0026 EA 5' x 42" High Serpentine Bike Rack, 7 Bikes, Galvanized.....	892.53	144.60
32 33 13 00-0027 EA 7' x 42" High Serpentine Bike Rack, 9 Bikes, Galvanized.....	1,037.77	154.93
32 33 13 00-0028 EA 9' x 42" High Serpentine Bike Rack, 11 Bikes, Galvanized.....	1,200.80	165.25
32 33 13 00-0029 EA 11' x 42" High Serpentine Bike Rack, 13 Bikes, Galvanized.....	1,399.43	175.59
32 33 13 00-0030 EA 13' x 42" High Serpentine Bike Rack, 15 Bikes, Galvanized.....	1,651.45	206.57
32 33 13 00-0031 EA 15' x 42" High Serpentine Bike Rack, 17 Bikes, Galvanized.....	1,921.27	196.25
32 33 13 00-0032 EA 17' x 42" High Serpentine Bike Rack, 19 Bikes, Galvanized.....	2,173.29	206.57
32 33 13 00-0033 Powder Coated, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0034 EA 1' x 3' High Serpentine (M Style) Bike Rack, 3 Bikes, Powder Coated.....	498.94	123.94
32 33 13 00-0035 EA 3' x 3' High Serpentine (M Style) Bike Rack, 5 Bikes, Powder Coated.....	680.81	134.27
32 33 13 00-0036 EA 5' x 3' High Serpentine (M Style) Bike Rack, 7 Bikes, Powder Coated.....	862.69	144.60
32 33 13 00-0037 EA 7' x 3' High Serpentine (M Style) Bike Rack, 9 Bikes, Powder Coated.....	1,067.61	154.93
32 33 13 00-0038 EA 9' x 3' High Serpentine (M Style) Bike Rack, 11 Bikes, Powder Coated.....	1,272.51	165.25
32 33 13 00-0039 EA 11' x 3' High Serpentine (M Style) Bike Rack, 13 Bikes, Powder Coated.....	1,385.30	175.59
32 33 13 00-0040 Powder Coated, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0041 EA 1' x 42" High Serpentine Bike Rack, 3 Bikes, Powder Coated.....	584.26	123.94
32 33 13 00-0042 EA 3' x 42" High Serpentine Bike Rack, 5 Bikes, Powder Coated.....	765.08	134.27
32 33 13 00-0043 EA 5' x 42" High Serpentine Bike Rack, 7 Bikes, Powder Coated.....	928.12	144.60
32 33 13 00-0044 EA 7' x 42" High Serpentine Bike Rack, 9 Bikes, Powder Coated.....	1,126.76	154.93
32 33 13 00-0045 EA 9' x 42" High Serpentine Bike Rack, 11 Bikes, Powder Coated.....	1,289.78	165.25
32 33 13 00-0046 EA 11' x 42" High Serpentine Bike Rack, 13 Bikes, Powder Coated.....	1,506.21	175.59
32 33 13 00-0047 EA 13' x 42" High Serpentine Bike Rack, 15 Bikes, Powder Coated.....	1,793.82	206.57
32 33 13 00-0048 EA 15' x 42" High Serpentine Bike Rack, 17 Bikes, Powder Coated.....	2,081.44	196.25
32 33 13 00-0049 EA 17' x 42" High Serpentine Bike Rack, 19 Bikes, Powder Coated.....	2,351.27	206.57
32 33 13 00-0050 Stainless Steel, 36" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0051 EA 1' x 36" High Serpentine Bike Rack, 3 Bikes, Stainless Steel.....	952.64	123.94
32 33 13 00-0052 EA 3' x 36" High Serpentine Bike Rack, 5 Bikes, Stainless Steel.....	1,425.87	134.27
32 33 13 00-0053 EA 5' x 36" High Serpentine Bike Rack, 7 Bikes, Stainless Steel.....	1,899.12	144.60
32 33 13 00-0054 EA 7' x 36" High Serpentine Bike Rack, 9 Bikes, Stainless Steel.....	2,437.04	154.93
32 33 13 00-0055 EA 9' x 36" High Serpentine Bike Rack, 11 Bikes, Stainless Steel.....	2,974.92	165.25
32 33 13 00-0056 EA 11' x 36" High Serpentine Bike Rack, 13 Bikes, Stainless Steel.....	3,254.20	175.59
32 33 13 00-0057 Stainless Steel, 42" High, 2-3/8" OD Tubing (32 33 13 00-0015)		
32 33 13 00-0058 EA 1' x 42" High Serpentine Bike Rack, 3 Bikes, Stainless Steel.....	744.43	123.94
32 33 13 00-0059 EA 3' x 42" High Serpentine Bike Rack, 5 Bikes, Stainless Steel.....	1,654.95	134.27
32 33 13 00-0060 EA 5' x 42" High Serpentine Bike Rack, 7 Bikes, Stainless Steel.....	2,173.93	144.60
32 33 13 00-0061 EA 7' x 42" High Serpentine Bike Rack, 9 Bikes, Stainless Steel.....	2,657.32	154.93
32 33 13 00-0062 EA 9' x 42" High Serpentine Bike Rack, 11 Bikes, Stainless Steel.....	3,158.50	165.25
32 33 13 00-0063 EA 11' x 42" High Serpentine Bike Rack, 13 Bikes, Stainless Steel.....	3,677.49	175.59
32 33 13 00-0064 EA 13' x 42" High Serpentine Bike Rack, 15 Bikes, Stainless Steel.....	4,125.27	206.57
32 33 13 00-0065 EA 15' x 42" High Serpentine Bike Rack, 17 Bikes, Stainless Steel.....	4,751.04	196.25
32 33 13 00-0066 EA 17' x 42" High Serpentine Bike Rack, 19 Bikes, Stainless Steel.....	5,359.01	206.57
32 33 13 00-0067 Bike Racks Bollards/Bicycle Posts (32 33 13 00-0001)		
32 33 13 00-0068 EA 43" Overall Height, 4-1/2" Outside Diameter Bollard/Bicycle Post, 2 Loop Galvanized Steel Bollard (Belson BOL450-2R-IG-G).....	606.87	92.96
32 33 23 Site Trash and Litter Receptacles (32 33)		
32 33 23 00-0001 Steel Trash Containment (32 33 23)		
32 33 23 00-0002 Steel Frame Surrounded With Kiln-Dried Wood (32 33 23 00-0001)		
32 33 23 00-0003 EA 13" x 13" x 30" Ash Receptacle Steel Frame, Kiln Dried Wood.....	524.81	49.32
32 33 23 00-0004 EA 24" x 24" x 30" High Open Top Trash Container Steel Frame, Kiln Dried Wood.....	500.39	49.32
32 33 23 00-0005 EA 21" x 21" x 31" High Flat Top Trash Container Steel Frame, Kiln Dried Wood.....	500.39	49.32
32 33 23 00-0006 EA 24" x 24" x 31" High, Flat Top Trash Container Steel Frame, Kiln Dried Wood.....	472.91	49.32
32 33 23 00-0007 EA 18" x 18" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	524.81	49.32
32 33 23 00-0008 EA 23" x 23" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	472.91	49.32
32 33 23 00-0009 EA 24" x 24" x 37" High Dome Top Trash Container Steel Frame, Kiln Dried Wood.....	653.04	49.32
32 33 23 00-0010 Square Steel Frames Surrounded With Flat Steel (32 33 23 00-0001)		
32 33 23 00-0011 EA 26" Diameter x 34" High Open Top Trash Square Container Steel Frame, Flat Steel Surround.....	960.29	49.32
32 33 23 00-0012 EA 26" Diameter x 34" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	1,037.87	49.32
32 33 23 00-0013 EA 26" Diameter x 39" High Dome Top Trash Square Container Steel Frame, Flat Steel Surround.....	1,037.87	49.32

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	
32 33 23 00-0014		Round Steel Pipe And Flat Steel Frames (32 33 23 00-0001) Note: Surrounded with kiln-dried wood.			
32 33 23 00-0015	EA	21" Diameter x 32" High Open Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,425.81		49.32
32 33 23 00-0016	EA	21" Diameter x 32" High Flat Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,536.65		49.32
32 33 23 00-0017	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,772.18		49.32
32 33 23 00-0018	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe, Flat Steel Frame, Kiln Dried Wood.....	1,605.92		49.32
32 33 23 00-0019		Round Steel Pipe Surrounded With Perforated (32 33 23 00-0001)			
32 33 23 00-0020	EA	21" Diameter x 32" High Open Top Trash Container Perforated Round Steel Pipe.....	1,273.41		49.32
32 33 23 00-0021	EA	21" Diameter x 32" High Flat Top Trash Container Perforated Round Steel Pipe.....	1,384.24		49.32
32 33 23 00-0022	EA	21" Diameter x 39" High Dome Top Trash Container Perforated Round Steel Pipe.....	1,619.78		49.32
32 33 23 00-0023	EA	21" Diameter x 40" High HPR Top Trash Container Perforated Round Steel Pipe.....	1,467.37		49.32
32 33 23 00-0024		Round Steel Pipe Frames Surrounded With Welded Wire (32 33 23 00-0001)			
32 33 23 00-0025	EA	21" Diameter x 32" High Flat Top Trash Container Steel Pipe Frame, Welded Wire Surround.....	1,010.16		49.32
32 33 23 00-0026	EA	21" Diameter x 32" High Open Top Trash Steel Container Pipe Frame, Welded Wire Surround.....	1,121.00		49.32
32 33 23 00-0027	EA	21" Diameter x 39" High Dome Top Trash Steel Container Pipe Frame, Welded Wire Surround.....	1,356.53		49.32
32 33 23 00-0028	EA	21" Diameter x 40" High HPR Top Trash Container Steel Pipe Frame, Welded Wire Surround.....	1,204.13		49.32
32 33 23 00-0029		Litter Baskets (32 33 23)			
32 33 23 00-0030		Round Wire Litter Baskets (32 33 23 00-0029)			
32 33 23 00-0031	EA	1.33' Diameter x 1.83' High Round Wire Litter Basket.....	179.44		5.01
32 33 23 00-0032	EA	1.5' Diameter x 1.83' High Round Wire Litter Basket.....	226.85		5.01
32 33 23 00-0033	EA	1.75' Diameter x 2.33' High Round Wire Litter Basket.....	307.30		5.01
32 33 23 00-0034	EA	1.83' Diameter x 2.83' High Round Wire Litter Basket.....	352.70		5.01
32 33 23 00-0035		Trash Can/Wire Basket Holder (32 33 23 00-0029)			
32 33 23 00-0036	EA	Steel Post, Single Holder.....	249.34		40.27
32 33 23 00-0037	EA	Steel Post, Double Holder.....	340.08		40.27
32 33 23 00-0038	EA	Redwood Post, Single Holder.....	121.80		40.27
32 33 23 00-0039	EA	Redwood Post, Double Holder.....	140.24		40.27
32 33 23 00-0040		Litter Receptacles, Freestanding (32 33 23 00-0029) Note: Includes 1-1/2" outside diameter steel leg supports. Wall mounted, includes 3/8" x 3" steel wall plates. Surface mounted, includes 2-1/2" outside diameter steel tube with floor flange, embedded to include 2-1/2" outside diameter steel tube.			
32 33 23 00-0041	EA	16" Diameter x 28" High Litter Receptacle, Freestanding Or Embedded.....	1,445.50		20.55
		For Powder Coated Sand Pan, Add	50.00		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
32 33 23 00-0042	EA	16" Diameter x 32" High Litter Receptacle, Freestanding Or Embedded.....	1,521.83		20.55
		For Powder Coated Sand Pan, Add	50.00		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
32 33 23 00-0043	EA	20" Diameter x 36" High Litter Receptacle, Freestanding Or Embedded.....	1,771.36		30.82
		For Powder Coated Sand Pan, Add	50.00		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
32 33 23 00-0044	EA	20" Diameter x 40" High Litter Receptacle, Freestanding Embedded.....	1,847.69		30.82
		For Powder Coated Sand Pan, Add	50.00		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
32 33 23 00-0045	EA	16" Diameter x 28" High Litter Receptacle, Pole Mount With Pole.....	1,924.01		30.82
		For Powder Coated Sand Pan, Add	50.00		
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
32 33 23 00-0046	EA	16" Diameter x 32" High Litter Receptacle, Pole Mount With Pole.....	2,000.34		30.82
		For Powder Coated Sand Pan, Add	50.00		
		For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add	22.50		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
32 33 23 00-0047	EA	16" Diameter x 28" High Litter Receptacle, Wall Mount.....	1,595.22		26.71
		For Powder Coated Sand Pan, Add	50.00		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
		For 1-1/2" x 6" Diameter Metal Cover Plate, Add	20.00		
32 33 23 00-0048	EA	16" Diameter x 32" High Litter Receptacle, Wall Mount.....	1,671.55		26.71
		For Powder Coated Sand Pan, Add	50.00		
		For Orange Peel Lid, Add	25.00		
		For Polished Granite Lid, Add	50.00		
		For 1-1/2" x 6" Diameter Metal Cover Plate, Add	20.00		
32 33 23 00-0049		Ash Receptacles (32 33 23)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 23 00-0050 EA 12" Diameter x 21" High Ash Receptacle, Freestanding Or Embedded <i>For 1-1/2" x 8-1/2" Diameter Metal Cover Plate, Add</i> <i>For Sand Pan, Add</i> <i>For Bowl And Funnel, Add</i>	525.97 22.50 110.00 120.00	20.55
32 33 23 00-0051 EA 18" Square Concrete Exposed Aggregate x 36" High Ash Receptacles With 3-1/2" ID iron Pipe With Cap Square Concrete With Steel Liner.....	225.38	20.55
32 33 23 00-0052 EA 16" Square x 24" High, Palm Ash Urn, Custom Color "Paseo Oak". Quick Crete Products: Palm Series QS-PS 1624	301.10	20.55
32 33 23 00-0053 Trash Receptacles (32 33 23)		
32 33 23 00-0054 EA Outdoor Covered Steel Receptacle With Liner	1,185.99	20.55
32 33 23 00-0055 EA Driftwood And Sable Receptacle, 35 Gallon With Liner And Frame	368.56	20.55
32 33 23 00-0056 EA 24" x 24" Square Trash Containment With Exposed Aggregate Finish	567.24	20.55
32 33 23 00-0057 EA 30" x 30" Square Trash Containment With Exposed Aggregate Finish	591.99	22.60
32 33 23 00-0058 EA 36" x 36" Square Trash Containment With Exposed Aggregate Finish	637.36	24.65
32 33 23 00-0059 EA 32 Gallon, Open Round Trash Receptacle, Recycled Plastic Lumber	503.86	16.44
32 33 23 00-0060 EA 32 Gallon, Round Trash Receptacle With Liner And Lid, Recycled Plastic Lumber	601.98	16.44
32 33 23 00-0061 EA 24" x 24" Square 18" High Trash Receptacle, Fiberglass.....	1,159.30	20.55
32 33 23 00-0062 EA 25" Square x 32" High Trash Receptacle; Palm Series QS-PS 2532-D, Style D Lid Brown Color, Round Plastic Liners QPL-30-B, Custom Color "Paseo Oak". Quick Crete Products.....	657.00	22.60
32 33 23 00-0063 Trash Containers (Dumpsters) (32 33 23)		
32 33 23 00-0064 EA 1 CY Straight Side Trash Dumpster.....	295.31	
32 33 23 00-0065 EA 1.5 CY Straight Side Trash Dumpster.....	442.97	
32 33 23 00-0066 EA 2 CY Straight Side Trash Dumpster.....	590.62	
32 33 23 00-0067 EA 2 CY Sloped Side Trash Dumpster.....	590.62	
32 33 23 00-0068 EA 3 CY Sloped Side Trash Dumpster.....	885.93	
32 33 23 00-0069 EA 4 CY Sloped Side Trash Dumpster.....	1,181.24	
32 33 23 00-0070 EA 6 CY Sloped Side Trash Dumpster.....	1,771.87	
32 33 23 00-0071 EA 8 CY Sloped Side Trash Dumpster.....	2,362.49	
32 33 33 Site Manufactured Planters (32 33)		
32 33 33 00-0001 Precast Concrete Planters (32 33 33)		
32 33 33 00-0002 Circular Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0003 EA 24" Diameter, 17" Height, Circular Precast Concrete Planter	796.04	25.57
32 33 33 00-0004 EA 24" Diameter, 24" Height, Circular Precast Concrete Planter	890.98	30.68
32 33 33 00-0005 EA 24" Diameter, 33" Height, Circular Precast Concrete Planter	975.68	30.68
32 33 33 00-0006 EA 30" Diameter, 17" Height, Circular Precast Concrete Planter	1,058.15	35.80
32 33 33 00-0007 EA 30" Diameter, 30" Height, Circular Precast Concrete Planter	1,280.41	46.03
32 33 33 00-0008 EA 36" Diameter, 24" Height, Circular Precast Concrete Planter	1,395.01	46.03
32 33 33 00-0009 EA 36" Diameter, 30" Height, Circular Precast Concrete Planter	1,572.16	51.14
32 33 33 00-0010 EA 48" Diameter, 17" Height, Circular Precast Concrete Planter	1,661.84	51.14
32 33 33 00-0011 EA 48" Diameter, 24" Height, Circular Precast Concrete Planter	1,849.35	63.92
32 33 33 00-0012 EA 48" Diameter, 30" Height, Circular Precast Concrete Planter	1,967.15	68.02
32 33 33 00-0013 EA 48" Diameter, 36" Height, Circular Precast Concrete Planter	2,049.05	71.59
32 33 33 00-0014 EA 60" Diameter, 17" Height, Circular Precast Concrete Planter	1,860.94	63.92
32 33 33 00-0015 EA 60" Diameter, 24" Height, Circular Precast Concrete Planter	2,046.55	71.59
32 33 33 00-0016 EA 60" Diameter, 36" Height, Circular Precast Concrete Planter	2,627.30	76.71
32 33 33 00-0017 EA 72" Diameter, 36" Height, Circular Precast Concrete Planter	3,410.63	97.17
32 33 33 00-0018 EA 84" Diameter, 36" Height, Circular Precast Concrete Planter	3,966.45	102.28
32 33 33 00-0019 Square Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0020 EA 36" Square, 30" Height, Square Precast Concrete Planter.....	1,599.59	66.49
32 33 33 00-0021 EA 42" Square, 30" Height, Square Precast Concrete Planter.....	1,832.95	71.59
32 33 33 00-0022 EA 60" Square, 36" Height, Square Precast Concrete Planter.....	2,906.59	81.82
32 33 33 00-0023 EA 72" Square, 36" Height, Square Precast Concrete Planter.....	3,101.17	86.94
32 33 33 00-0024 Rectangular Precast Concrete Planters (32 33 33 00-0001)		
32 33 33 00-0025 EA 33" x 18", 20" Height, Rectangular Precast Concrete Planter.....	928.35	30.68
32 33 33 00-0026 EA 48" x 18", 20" Height, Rectangular Precast Concrete Planter.....	1,086.08	46.03
32 33 33 00-0027 EA 60" x 18", 20" Height, Rectangular Precast Concrete Planter.....	1,260.74	51.14
32 33 33 00-0028 EA 72" x 18", 20" Height, Rectangular Precast Concrete Planter.....	1,433.30	63.92
32 33 33 00-0029 Fiberglass Planters (32 33 33)		
32 33 33 00-0030 Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0031 EA 36" Diameter, 27" High, Circular Fiberglass Planter	1,972.92	25.57
32 33 33 00-0032 EA 60" Diameter, 39" High, Circular Fiberglass Planter	3,297.37	25.57
32 33 33 00-0033 EA 36" Diameter, 24" High, Circular Fiberglass Planter	1,308.32	25.57
32 33 33 00-0034 EA 60" Diameter, 24" High, Circular Fiberglass Planter	2,599.17	25.57
32 33 33 00-0035 Tapered Circular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0036 EA 24" Diameter, 20" High, Tapered Circular Fiberglass Planter.....	754.74	25.57

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 33 00-0037	EA		30" Diameter, 25" High, Tapered Circular Fiberglass Planter	1,116.36	25.57
32 33 33 00-0038	EA		36" Diameter, 30" High, Tapered Circular Fiberglass Planter	2,006.52	25.57
32 33 33 00-0039	EA		40" Diameter, 36" High, Tapered Circular Fiberglass Planter	2,810.31	25.57
32 33 33 00-0040			Square Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0041	EA		24" Square, 21" High, Square Fiberglass Planter	997.73	25.57
32 33 33 00-0042	EA		24" Square, 24" High, Square Fiberglass Planter	1,020.39	25.57
32 33 33 00-0043	EA		30" Square, 12" High, Square Fiberglass Planter	1,032.37	25.57
32 33 33 00-0044	EA		30" Square, 21" High, Square Fiberglass Planter	1,173.96	25.57
32 33 33 00-0045	EA		30" Square, 24" High, Square Fiberglass Planter	1,277.11	25.57
32 33 33 00-0046			Rectangular Fiberglass Planters (32 33 33 00-0029)		
32 33 33 00-0047	EA		48" x 12", 12" High, Rectangular Fiberglass Planter	1,151.53	25.57
32 33 33 00-0048	EA		48" x 12", 21" High, Rectangular Fiberglass Planter	1,236.13	25.57
32 33 33 00-0049	EA		48" x 24", 12" High, Rectangular Fiberglass Planter	1,617.07	25.57
32 33 33 00-0050	EA		48" x 24", 21" High, Rectangular Fiberglass Planter	1,786.25	25.57
32 33 33 00-0051			Timber Planters (32 33 33)		
32 33 33 00-0052			Square Timber Planters (32 33 33 00-0051)		
32 33 33 00-0053	EA		14" Square, 30" High, Square Timber Planter	447.98	49.32
32 33 33 00-0054	EA		21" Square, 30" High, Square Timber Planter	447.98	49.32
32 33 33 00-0055	EA		27" Square, 30" High, Square Timber Planter	835.48	49.32
32 33 33 00-0056	EA		34" Square, 30" High, Square Timber Planter	726.32	49.32
32 33 33 00-0057	EA		41" Square, 36" High, Square Timber Planter	862.77	49.32
32 33 33 00-0058	EA		54" Square, 36" High, Square Timber Planter	2,194.45	49.32
32 33 33 00-0059	EA		81" Square, 36" High, Square Timber Planter	3,291.46	49.32
32 33 33 00-0060			Rectangular Timber Planters (32 33 33 00-0051)		
32 33 33 00-0061	EA		21" x 14", 30" High, Rectangular Timber Planter	442.52	49.32
32 33 33 00-0062	EA		27" x 14", 30" High, Rectangular Timber Planter	491.64	49.32
32 33 33 00-0063	EA		27" x 21", 30" High, Rectangular Timber Planter	639.00	49.32
32 33 33 00-0064	EA		34" x 21", 30" High, Rectangular Timber Planter	704.49	49.32
32 33 33 00-0065	EA		41" x 21", 30" High, Rectangular Timber Planter	900.97	49.32
32 33 33 00-0066	EA		34" x 27", 30" High, Rectangular Timber Planter	1,042.87	49.32
32 33 33 00-0067	EA		41" x 27", 30" High, Rectangular Timber Planter	1,162.94	49.32
32 33 33 00-0068	EA		54" x 27", 30" High, Rectangular Timber Planter	1,506.78	49.32
32 33 33 00-0069	EA		54" x 34", 30" High, Rectangular Timber Planter	1,697.80	49.32
32 33 33 00-0070	EA		68" x 34", 36" High, Rectangular Timber Planter	1,932.48	49.32
32 33 33 00-0071	EA		54" x 41", 36" High, Rectangular Timber Planter	1,839.70	49.32
32 33 33 00-0072	EA		68" x 41", 36" High, Rectangular Timber Planter	2,079.84	49.32
32 33 33 00-0073	EA		81" x 41", 36" High, Rectangular Timber Planter	2,325.44	49.32
32 33 43			Site Seating and Tables (32 33)		
32 33 43 13			Site Seating (32 33 43)		
32 33 43 13-0001			Benches (Landscapeforms) (32 33 43 13)		
			Note: Excludes embedding in concrete See CSI section 32 31 13 13-0001 for drilling and concrete.		
32 33 43 13-0002	EA		72" Backless Wood Or PolySite Bench (Landscapeforms Balustrade)	1,622.43	82.19
32 33 43 13-0003	EA		72" Backed Wood Or PolySite Bench (Landscapeforms Balustrade)	2,030.68	82.19
32 33 43 13-0004	EA		96" Backed Wood Bench (Landscapeforms Balustrade)	2,293.13	82.19
32 33 43 13-0005	EA		End Loop Arms For Backed Bench (Landscapeforms Balustrade)	186.90	20.55
32 33 43 13-0006	EA		72" Backless Wood Or PolySite Bench (Landscapeforms Gretchen's)	1,774.57	82.19
32 33 43 13-0007	EA		96" Backless Wood Bench (Landscapeforms Gretchen's)	2,009.13	82.19
32 33 43 13-0008	EA		72" Backed Wood Or PolySite Bench (Landscapeforms Gretchen's)	2,192.97	82.19
32 33 43 13-0009	EA		96" Backed Wood Bench (Landscapeforms Gretchen's)	2,478.23	82.19
32 33 43 13-0010	EA		72" Backed Wood Or PolySite Bench With Armrest (Landscapeforms Gretchen's)	2,509.93	82.19
32 33 43 13-0011	EA		96" Backed Wood Bench With Armrest (Landscapeforms Gretchen's)	2,795.20	82.19
32 33 43 13-0012	EA		59" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,261.26	82.19
32 33 43 13-0013	EA		75" Backed Wood Or Metal Rod Bench (Landscapeforms Hyde Park)	3,545.52	82.19
32 33 43 13-0014	EA		42" Backless Metal Grid Bench (Landscapeforms Manistee)	916.21	61.65
32 33 43 13-0015	EA		62" Backless Metal Grid Bench (Landscapeforms Manistee)	991.01	61.65
32 33 43 13-0016	EA		72" Backless Metal Grid Bench (Landscapeforms Manistee)	1,071.41	71.93
32 33 43 13-0017	EA		82" Backless Metal Grid Bench (Landscapeforms Manistee)	1,250.94	71.93
32 33 43 13-0018	EA		42" Backed Metal Grid Bench (Landscapeforms Manistee)	1,146.21	71.93
32 33 43 13-0019	EA		62" Backed Metal Grid Bench (Landscapeforms Manistee)	1,221.01	71.93
32 33 43 13-0020	EA		72" Backed Metal Grid Bench (Landscapeforms Manistee)	1,316.37	82.19
32 33 43 13-0021	EA		82" Backed Metal Grid Bench (Landscapeforms Manistee)	1,510.86	82.19
32 33 43 13-0022	EA		42" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,280.86	71.93
32 33 43 13-0023	EA		62" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,376.21	82.19
32 33 43 13-0024	EA		72" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,451.01	82.19
32 33 43 13-0025	EA		82" Backed Metal Grid Bench With Armrest Each End (Landscapeforms Manistee)	1,645.50	82.19
32 33 43 13-0026	EA		72" Backless Solid Wood Bench (Landscapeforms Palisade)	2,624.04	82.19
32 33 43 13-0027	EA		96" Backless Solid Wood Bench (Landscapeforms Palisade)	3,017.07	82.19
32 33 43 13-0028	EA		70" Backless Perforated Metal Bench (Landscapeforms Petoskey)	1,680.75	82.19
32 33 43 13-0029	EA		70" Dual Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,030.68	82.19
32 33 43 13-0030	EA		70" Quad Support Backed Perforated Metal Bench (Landscapeforms Petoskey)	2,205.64	82.19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 13-0031 EA 72" Backed Wood Bench (Landscapeforms Plainwell)	2,148.59	82.19
32 33 43 13-0032 EA 72" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,383.15	82.19
32 33 43 13-0033 EA 96" Backed Wood Bench (Landscapeforms Plainwell)	2,636.72	82.19
32 33 43 13-0034 EA 96" Backed Wood Bench With Center Arm (Landscapeforms Plainwell)	2,871.27	82.19
32 33 43 13-0035 EA 96" Backed Wood Bench With Two Center Arms (Landscapeforms Plainwell)	3,112.16	82.19
32 33 43 13-0036 EA 72" Backed Aluminum Bench (Landscapeforms Plainwell)	2,738.15	82.19
32 33 43 13-0037 EA 72" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	2,972.70	82.19
32 33 43 13-0038 EA 96" Backed Aluminum Bench (Landscapeforms Plainwell)	3,359.40	82.19
32 33 43 13-0039 EA 96" Backed Aluminum Bench With Center Arm (Landscapeforms Plainwell)	3,606.63	82.19
32 33 43 13-0040 EA 96" Backed Aluminum Bench With Two Center Arms (Landscapeforms Plainwell)	3,834.84	82.19
32 33 43 13-0041 EA Backless Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	624.32	20.55
32 33 43 13-0042 EA Backless Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	839.85	20.55
32 33 43 13-0043 EA Backless Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	839.85	20.55
32 33 43 13-0044 EA Backed Metal Grid Seats For Straight Runs (Landscapeforms Plexus)	763.78	20.55
32 33 43 13-0045 EA Narrow-Backed Metal Grid Seats For 60 Degree Radius (Landscapeforms Plexus)	947.62	20.55
32 33 43 13-0046 EA Narrow-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	947.62	20.55
32 33 43 13-0047 EA Wide-Backed Metal Grid Seats For 120 Degree Radius (Landscapeforms Plexus)	947.62	20.55
32 33 43 13-0048 EA Armrest For Metal Grid Seats (Landscapeforms Plexus)	186.90	20.55
32 33 43 13-0049 EA Backless Straight Metal Grid Seats (Landscapeforms Presidio)	877.89	20.55
32 33 43 13-0050 EA Backless Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	972.98	20.55
32 33 43 13-0051 EA Backless Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,068.07	20.55
32 33 43 13-0052 EA Backless Angled Metal Grid Seats (Landscapeforms Presidio)	1,061.73	20.55
32 33 43 13-0053 EA Backless Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,156.82	20.55
32 33 43 13-0054 EA Backless Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,251.91	20.55
32 33 43 13-0055 EA Backed Straight Metal Grid Seats (Landscapeforms Presidio)	1,049.05	20.55
32 33 43 13-0056 EA Backed Straight Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,144.14	20.55
32 33 43 13-0057 EA Backed Straight Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,239.23	20.55
32 33 43 13-0058 EA Narrow-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,283.60	20.55
32 33 43 13-0059 EA Narrow-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,378.69	20.55
32 33 43 13-0060 EA Narrow-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,473.78	20.55
32 33 43 13-0061 EA Wide-Backed Angled Metal Grid Seats (Landscapeforms Presidio)	1,283.60	20.55
32 33 43 13-0062 EA Wide-Backed Angled Metal Grid Seats With One Arm (Landscapeforms Presidio)	1,378.69	20.55
32 33 43 13-0063 EA Wide-Backed Angled Metal Grid Seats With Two Arms (Landscapeforms Presidio)	1,473.78	20.55
32 33 43 13-0064 EA 48" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,749.21	82.19
32 33 43 13-0065 EA 72" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	1,774.57	82.19
32 33 43 13-0066 EA 96" Backless Horizontal Strap Bench (Landscapeforms Scarborough)	2,161.27	82.19
32 33 43 13-0067 EA 48" Backless Woven Bench (Landscapeforms Scarborough)	2,624.04	82.19
32 33 43 13-0068 EA 72" Backless Woven Bench (Landscapeforms Scarborough)	3,099.49	82.19
32 33 43 13-0069 EA 96" Backless Woven Bench (Landscapeforms Scarborough)	3,549.58	82.19
32 33 43 13-0070 EA 24" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,406.89	82.19
32 33 43 13-0071 EA 48" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,876.00	82.19
32 33 43 13-0072 EA 72" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	1,920.38	82.19
32 33 43 13-0073 EA 72" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,211.98	82.19
32 33 43 13-0074 EA 96" Backed Horizontal Strap Bench (Landscapeforms Scarborough)	2,497.25	82.19
32 33 43 13-0075 EA 96" Backed Horizontal Strap Bench With Center Arm (Landscapeforms Scarborough)	2,795.20	82.19
32 33 43 13-0076 EA 96" Backed Horizontal Strap Bench With Two Intermediate Arms (Landscapeforms Scarborough)	3,086.81	82.19
32 33 43 13-0077 EA 24" Backed Woven Bench (Landscapeforms Scarborough)	2,497.25	82.19
32 33 43 13-0078 EA 48" Backed Woven Bench (Landscapeforms Scarborough)	3,023.41	82.19
32 33 43 13-0079 EA 72" Backed Woven Bench (Landscapeforms Scarborough)	3,536.90	82.19
32 33 43 13-0080 EA 72" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	3,834.84	82.19
32 33 43 13-0081 EA 96" Backed Woven Bench (Landscapeforms Scarborough)	4,468.77	82.19
32 33 43 13-0082 EA 96" Backed Woven Bench With Center Arm (Landscapeforms Scarborough)	4,760.38	82.19
32 33 43 13-0083 EA 96" Backed Woven Bench With Two Intermediate Arms (Landscapeforms Scarborough)	5,045.65	82.19
32 33 43 13-0084 EA 32" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,189.82	71.93
32 33 43 13-0085 EA 49" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,437.06	71.93
32 33 43 13-0086 EA 49" Backed Strap Or Perforated Bench With Divider (Landscapeforms Town Square)	1,570.18	71.93
32 33 43 13-0087 EA 70" Backed Strap Or Perforated Bench (Landscapeforms Town Square)	1,837.97	82.19
32 33 43 13-0088 EA 70" Backed Strap Or Perforated Bench With Two Dividers (Landscapeforms Town Square)	2,085.20	82.19
32 33 43 13-0089 Other Benches <small>(32 33 43 13)</small>		
32 33 43 13-0090 EA 6' Timberform #2118-6 Restoration Bench With Cast Iron Glossy Black Frames, Armrests, Purple Heart Wood Slats, S.J.S.U. Logo, Surface Mount	3,807.55	76.03
32 33 43 13-0091 Benches (Columbia Cascade, TimberForm) <small>(32 33 43 13)</small>		
32 33 43 13-0092 Wood Benches (Columbia Cascade, TimberForm) <small>(32 33 43 13-0091)</small>		
Note: Includes powder coated steel frames.		
32 33 43 13-0093 EA 70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-E)	840.02	41.10
32 33 43 13-0094 EA 94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-E)	965.39	41.10
32 33 43 13-0095 EA 118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-E)	1,241.15	41.10
32 33 43 13-0096 EA 70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-6-P)	877.65	41.10
32 33 43 13-0097 EA 94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-8-P)	1,003.00	41.10
32 33 43 13-0098 EA 118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2006-10-P)	1,291.30	41.10
32 33 43 13-0099 EA 70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-E)	1,291.30	41.10
32 33 43 13-0100 EA 94" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-E)	1,504.39	41.10
32 33 43 13-0101 EA 118" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-E)	1,943.11	41.10
32 33 43 13-0102 EA 70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-6-P)	1,353.97	41.10
32 33 43 13-0103 EA 94" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-8-P)	1,567.07	41.10
32 33 43 13-0104 EA 118" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Bench With Straight Back (TimberForm 2016-10-P)	2,030.85	41.10
32 33 43 13-0105 EA 70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-E)	2,507.18	41.10

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
32 33 43 13-0106	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-E).....	2,945.89		41.10
32 33 43 13-0107	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-E).....	3,860.93		41.10
32 33 43 13-0108	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-6-P).....	2,569.85		41.10
32 33 43 13-0109	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-8-P).....	3,008.57		41.10
32 33 43 13-0110	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 And 3 x 8 Wood Slats Benches With Straight Backs (TimberForm 2026-10-P).....	3,948.68		41.10
32 33 43 13-0111	EA	70" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-E).....	977.93		41.10
32 33 43 13-0112	EA	94" Length, Embedment Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-E).....	1,103.28		41.10
32 33 43 13-0113	EA	70" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-6-P).....	1,015.54		41.10
32 33 43 13-0114	EA	94" Length, Pedestal Mount, 3 x 4 Wood Slats Concave Bench (TimberForm 2028-8-P).....	1,140.88		41.10
32 33 43 13-0115	EA	46" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-E).....	1,642.28		41.10
32 33 43 13-0116	EA	70" Length, Embedment Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-E).....	1,943.11		41.10
32 33 43 13-0117	EA	46" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-4-P).....	1,742.55		41.10
32 33 43 13-0118	EA	70" Length, Pedestal Mount, 3 x 4 And 3 x 8 Wood Slats Platform Seat (TimberForm 2044-6-P).....	2,043.39		41.10
32 33 43 13-0119	EA	70" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-6).....	1,021.89		61.65
32 33 43 13-0120	EA	94" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-8).....	1,072.03		61.65
32 33 43 13-0121	EA	118" Length, Wall Mount, 3 x 4 And 3 x 8 Wood Slats Bench (TimberForm 2045-10).....	1,460.61		61.65
32 33 43 13-0122	EA	46" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-E).....	789.91		41.10
32 33 43 13-0123	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-E).....	915.26		41.10
32 33 43 13-0124	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-E).....	1,040.60		41.10
32 33 43 13-0125	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-E).....	1,341.44		41.10
32 33 43 13-0126	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-E).....	1,466.79		41.10
32 33 43 13-0127	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-4-P).....	802.44		41.10
32 33 43 13-0128	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-6-P).....	927.79		41.10
32 33 43 13-0129	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-8-P).....	1,053.14		41.10
32 33 43 13-0130	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-10-P).....	1,379.04		41.10
32 33 43 13-0131	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench (TimberForm 2139-12-P).....	1,504.39		41.10
32 33 43 13-0132	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-E).....	1,366.51		41.10
32 33 43 13-0133	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-E).....	1,579.60		41.10
32 33 43 13-0134	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-E).....	2,043.39		41.10
32 33 43 13-0135	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-E).....	2,256.48		41.10
32 33 43 13-0136	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-6-P).....	1,391.58		41.10
32 33 43 13-0137	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-8-P).....	1,604.67		41.10
32 33 43 13-0138	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-10-P).....	2,080.99		41.10
32 33 43 13-0139	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2140-12-P).....	2,294.08		41.10
32 33 43 13-0140	EA	70" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-E).....	1,366.51		41.10
32 33 43 13-0141	EA	82" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-E).....	1,930.58		41.10
32 33 43 13-0142	EA	94" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-E).....	1,717.48		41.10
32 33 43 13-0143	EA	118" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-E).....	2,269.02		41.10
32 33 43 13-0144	EA	142" Length, Embedment Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-E).....	2,482.11		41.10
32 33 43 13-0145	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-6-P).....	1,567.07		41.10
32 33 43 13-0146	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-7-P).....	1,968.18		41.10
32 33 43 13-0147	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-8-P).....	1,742.55		41.10
32 33 43 13-0148	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-10-P).....	2,306.62		41.10
32 33 43 13-0149	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2141-12-P).....	2,519.71		41.10
32 33 43 13-0150	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-6).....	1,435.54		61.65
32 33 43 13-0151	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-8).....	1,661.17		61.65
32 33 43 13-0152	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back (TimberForm 2142-10).....	2,137.49		61.65
32 33 43 13-0153	EA	70" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-6).....	1,573.42		61.65
32 33 43 13-0154	EA	94" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-8).....	1,799.05		61.65
32 33 43 13-0155	EA	118" Length, Wall Mount, 3 x 4 Patterned Wood Slats Bench With Contoured Back And Armrests (TimberForm 2143-10).....	2,350.58		61.65
32 33 43 13-0156		Recycled Plastic Benches (Columbia Cascade, TimberForm) <small>(32 33 43 13-0091)</small>			
		Note: includes powder coated steel frames.			
32 33 43 13-0157	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-E).....	1,153.42		41.10
32 33 43 13-0158	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-E).....	1,579.60		41.10
32 33 43 13-0159	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-6-P).....	1,191.02		41.10
32 33 43 13-0160	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Concave Bench (TimberForm 2029-8-P).....	1,617.21		41.10
32 33 43 13-0161	EA	46" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-E).....	1,817.76		41.10
32 33 43 13-0162	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-E).....	2,131.13		41.10
32 33 43 13-0163	EA	46" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-4-P).....	1,918.04		41.10
32 33 43 13-0164	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Platform Seat (TimberForm 2041-6-P).....	2,231.41		41.10
32 33 43 13-0165	EA	70" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-6).....	1,147.24		61.65
32 33 43 13-0166	EA	94" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-8).....	1,385.40		61.65

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43	13-0167	EA	118" Length, Wall Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2042-10).....	1,636.10	61.65
32 33 43	13-0168	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-E).....	940.30	41.10
32 33 43	13-0169	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-E).....	1,266.22	41.10
32 33 43	13-0170	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-E).....	1,516.92	41.10
32 33 43	13-0171	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-6-P).....	977.93	41.10
32 33 43	13-0172	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-8-P).....	1,303.84	41.10
32 33 43	13-0173	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench (TimberForm 2007-10-P).....	1,567.07	41.10
32 33 43	13-0174	EA	70" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-E).....	1,504.39	41.10
32 33 43	13-0175	EA	94" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-E).....	2,030.85	41.10
32 33 43	13-0176	EA	118" Length, Embedment Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-E).....	2,469.57	41.10
32 33 43	13-0177	EA	70" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-6-P).....	1,567.07	41.10
32 33 43	13-0178	EA	94" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-8-P).....	2,118.60	41.10
32 33 43	13-0179	EA	118" Length, Pedestal Mount, 3 x 4 Recycled Plastic Slats Bench With Straight Back (TimberForm 2017-10-P).....	2,557.32	41.10
32 33 43	13-0180	EA	70" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-E).....	2,945.89	41.10
32 33 43	13-0181	EA	94" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-E).....	4,061.49	41.10
32 33 43	13-0182	EA	118" Length, Embedment Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-E).....	4,500.21	41.10
32 33 43	13-0183	EA	70" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-6-P).....	3,008.57	41.10
32 33 43	13-0184	EA	94" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-8-P).....	4,149.23	41.10
32 33 43	13-0185	EA	118" Length, Pedestal Mount, Back-To-Back Double Bench, 3 x 4 Recycled Plastic Slats Benches With Straight Backs (TimberForm 2027-10-P).....	4,587.95	41.10
32 33 43	13-0186	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-E).....	1,842.83	41.10
32 33 43	13-0187	EA	82" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-E).....	2,569.85	41.10
32 33 43	13-0188	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-E).....	2,457.04	41.10
32 33 43	13-0189	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-E).....	2,820.55	41.10
32 33 43	13-0190	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-E).....	3,798.26	41.10
32 33 43	13-0191	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-6-P).....	1,867.90	41.10
32 33 43	13-0192	EA	82" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-7-P).....	2,607.45	41.10
32 33 43	13-0193	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-8-P).....	2,494.64	41.10
32 33 43	13-0194	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-10-P).....	2,858.15	41.10
32 33 43	13-0195	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2155-12-P).....	3,860.93	41.10
32 33 43	13-0196	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-6).....	1,748.91	61.65
32 33 43	13-0197	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-8).....	2,363.11	61.65
32 33 43	13-0198	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2154-10).....	2,927.18	61.65
32 33 43	13-0199	EA	70" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-6).....	1,962.00	61.65
32 33 43	13-0200	EA	94" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-8).....	2,626.34	61.65
32 33 43	13-0201	EA	118" Length, Wall Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back And Armrests (TimberForm 2156-10).....	2,889.58	61.65
32 33 43	13-0202	EA	46" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-E).....	840.05	41.10
32 33 43	13-0203	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-E).....	1,103.28	41.10
32 33 43	13-0204	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-E).....	1,491.86	41.10
32 33 43	13-0205	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-E).....	1,755.09	41.10
32 33 43	13-0206	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-E).....	2,043.39	41.10
32 33 43	13-0207	EA	46" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-4-P).....	865.12	41.10
32 33 43	13-0208	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-6-P).....	1,128.35	41.10
32 33 43	13-0209	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-8-P).....	1,529.46	41.10
32 33 43	13-0210	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-10-P).....	1,792.69	41.10
32 33 43	13-0211	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench (TimberForm 2151-12-P).....	2,093.53	41.10
32 33 43	13-0212	EA	70" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-E).....	1,642.28	41.10
32 33 43	13-0213	EA	94" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-E).....	2,256.48	41.10
32 33 43	13-0214	EA	118" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-E).....	2,782.94	41.10
32 33 43	13-0215	EA	142" Length, Embedment Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-E).....	3,133.92	41.10
32 33 43	13-0216	EA	70" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-6-P).....	1,667.34	41.10
32 33 43	13-0217	EA	94" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-8-P).....	2,294.08	41.10
32 33 43	13-0218	EA	118" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-10-P).....	2,820.55	41.10
32 33 43	13-0219	EA	142" Length, Pedestal Mount, 3 x 4 Patterned Recycled Plastic Slats Bench With Contoured Back (TimberForm 2153-12-P).....	3,184.06	41.10

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 33 43 13-0220		Benches (Wabash Valley) (32 33 43 13)		
32 33 43 13-0221		Prestige/Profile Benches (32 33 43 13-0220)		
32 33 43 13-0222	EA	6' Bench With Arms, Inground, Diamond Site Furniture (Wabash Valley PP411D)	731.04	38.39
32 33 43 13-0223	EA	6' Bench With Arms, Inground, Perforated Site Furniture (Wabash Valley PP411P)	806.19	38.39
32 33 43 13-0224		Straight Benches (32 33 43 13-0220)		
32 33 43 13-0225	EA	6' Signature Standard Inground Bench With Back (Wabash Valley SG303P)	946.32	57.54
32 33 43 13-0226	EA	6' Signature Standard Surface Mount Bench With Back (Wabash Valley SG306P)	961.23	57.54
32 33 43 13-0227	EA	8' Signature Standard Inground Bench With Back (Wabash Valley SG315P)	1,033.28	57.54
32 33 43 13-0228	EA	8' Signature Standard Inground Bench Without Back (Wabash Valley SG316P)	678.00	57.54
32 33 43 13-0229	EA	8' Signature Standard Surface Mount Bench With Back (Wabash Valley SG318P)	1,033.28	57.54
32 33 43 13-0230	EA	8' Signature Standard Surface Mount Bench Without Back (Wabash Valley SG319P)	678.00	57.54
32 33 43 13-0231	EA	Shelter With 6' Bench (Wabash Valley SH305P)	6,813.48	73.97
32 33 43 13-0232	EA	2-Seat With Back, Portable (Wabash Valley CL310)	1,408.36	38.39
32 33 43 13-0233	EA	2-Seat With Back, Surface Mount (Wabash Valley CL311D)	1,347.89	57.62
32 33 43 13-0234	EA	2-Seat With Back, Inground (Wabash Valley CL312D)	1,487.66	76.85
32 33 43 13-0235	EA	2-Seat Without Back, Portable (Wabash Valley CL315D)	1,211.03	38.39
32 33 43 13-0236	EA	2-Seat Without Back, Surface Mount (Wabash Valley CL316D)	1,150.56	57.62
32 33 43 13-0237	EA	2-Seat Without Back, Inground (Wabash Valley CL317D)	1,261.31	76.85
32 33 43 13-0238	EA	3-Seat With Back, Portable (Wabash Valley CL320D)	2,043.87	38.39
32 33 43 13-0239	EA	3-Seat With Back, Surface Mount (Wabash Valley CL321D)	2,003.72	57.62
32 33 43 13-0240	EA	3-Seat With Back, Inground (Wabash Valley CL322D)	2,105.76	76.85
32 33 43 13-0241	EA	3-Seat Without Back, Portable (Wabash Valley CL325D)	1,689.84	38.39
32 33 43 13-0242	EA	3-Seat Without Back, Surface Mount (Wabash Valley CL326D)	1,649.69	57.62
32 33 43 13-0243	EA	3-Seat Without Back, Inground (Wabash Valley CL327D)	1,754.63	76.85
32 33 43 13-0244		Concave Benches (32 33 43 13-0220)		
32 33 43 13-0245	EA	Benches, 15 Deg Concave With Back, Portable, CL405D	1,939.41	38.39
32 33 43 13-0246	EA	Benches, 15 Deg Concave With Back, Surface Mount, CL406D	1,887.65	57.62
32 33 43 13-0247	EA	Benches, 15 Deg Concave With Back, Inground, CL407D	1,992.59	76.85
32 33 43 13-0248	EA	Benches, 15 Deg Concave Without Back, Portable, CL415D	1,895.88	38.39
32 33 43 13-0249	EA	Benches, 15 Deg Concave Without Back, Surface Mount, CL416D	1,844.12	57.62
32 33 43 13-0250	EA	Benches, 15 Deg Concave Without Back, Inground, CL417D	1,949.06	76.85
32 33 43 13-0251		Swings (32 33 43 13-0220)		
32 33 43 13-0252	EA	4' Swing With Chain (Perforated Or Rib) SP300P	1,483.43	32.88
32 33 43 13-0253	EA	6' Swing With Chain (Perforated Or Rib) SP305P	1,739.32	32.88
32 33 43 13-0254	EA	Round Inground Post Package SP310N	706.00	76.85
32 33 43 13-0255	EA	4' Square Inground Post Package SP315N	1,570.81	98.64
32 33 43 13-0256	EA	6' Square Inground Post Package SP320N	1,704.97	98.64
32 33 43 13-0257		Accessories (32 33 43 13-0220)		
32 33 43 13-0258	EA	Mounting Plate Covers (Set Of 2), MC102N	61.66	5.75
32 33 43 13-0259	EA	Mounting Plate Covers (Set Of 3), MC103N	88.99	7.65
32 33 43 13-0260	EA	Mounting Plate Covers (Set Of 4), MC104	103.70	7.65
32 33 43 13-0261		Camden Series Benches (32 33 43 13-0220)		
32 33 43 13-0262	EA	6' Bench, With Back, Square Perforation, Portable/Surface Mount, CA1112C	1,429.89	57.54
32 33 43 13-0263	EA	6' Bench, With Back, Square Perforation, Inground, CA1111I	1,459.02	76.85
32 33 43 13-0264	EA	6' Bench, With Back, With Arms, Faux-Wood, Portable/Surface Mount, CA1112C	1,593.47	57.54
32 33 43 13-0265	EA	6' Bench, With Back, With Arms, Faux-Wood, Inground, CA1112I	1,626.59	76.85
32 33 43 13-0266	EA	6' Bench, With Back, With Arms, Rod, Portable/Surface Mount, CA1114C	1,788.96	57.54
32 33 43 13-0267	EA	6' Bench, With Back, With Arms, Rod, Inground, CA1114I	1,822.08	76.85
32 33 43 13-0268	EA	6' Bench, With Back, With Arms, Round Perforation, Portable/Surface Mount, CA1116C	1,407.95	57.54
32 33 43 13-0269	EA	6' Bench, With Back, With Arms, Round Perforation, Inground, CA1116I	1,439.07	76.85
32 33 43 13-0270	EA	6' Bench, With Back, With Arms, Horizontal Slat, Portable/Surface Mount, CA1119C	1,607.43	57.54
32 33 43 13-0271	EA	6' Bench, With Back, With Arms, Horizontal Slat, Inground, CA1119I	1,638.55	76.85
32 33 43 53		Site Tables (32 33 43)		
32 33 43 53-0001		Tables (32 33 43 53)		
32 33 43 53-0002		Tables (Wabash) (32 33 43 53-0001)		
32 33 43 53-0003	EA	Spyder ADA Round Table (Wabash SY203P)	2,483.07	73.97
32 33 43 53-0004	EA	Shelter With 6' Table (Wabash SH105P)	7,578.69	73.97
32 33 43 53-0005	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Portable/Surface Mount (Wabash CA2Q50C)	2,281.49	73.97
32 33 43 53-0006	EA	46" Round Table With Attached Chairs, Bench Seats, Solid Top With Square Perforation Seats, Inground (Wabash CA2Q50I)	2,445.66	82.19
32 33 43 53-0007		Tables (Landscapeforms) (32 33 43 53-0001)		
32 33 43 53-0008	EA	Plexus Companion Table For Backed Seat, Straight Runs	785.64	76.85
32 33 43 53-0009	EA	Companion Table For Narrow-Backed Seat, For 60 Degree Radius (Landscapeforms Plexus)	988.50	76.85

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0010 EA Companion Table For Narrow-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	988.50	76.85
32 33 43 53-0011 EA Companion Table For Wide-Backed Seat, For 120 Degree Radius (Landscapeforms Plexus)	988.50	76.85
32 33 43 53-0012 EA 6-Person Picnic Table (Landscapeforms Manistee)	3,032.80	76.85
32 33 43 53-0013 EA 4-Person Picnic Table (Landscapeforms Manistee)	2,692.00	76.85
32 33 43 53-0014 EA 2-Person Picnic Table (Landscapeforms Manistee)	2,379.59	76.85
32 33 43 53-0015 EA Umbrella Stand For Picnic Table (Landscapeforms)	253.57	
32 33 43 53-0016 EA 32" x 72" Picnic Table (Landscapeforms Petoskey)	2,384.17	73.97
32 33 43 53-0017 EA 62" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,250.94	57.54
32 33 43 53-0018 EA 29" Backless Metal Rod Bench (Landscapeforms Petoskey)	1,041.48	57.54
32 33 43 53-0019 EA 58" x 54" x 30" Wood Or PolySite Picnic Table With Benches (Landscapeforms Gretchen)	2,796.73	73.97
32 33 43 53-0020 EA 3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,692.00	76.85
32 33 43 53-0021 EA 4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,692.00	76.85
32 33 43 53-0022 EA 5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,501.40	76.85
32 33 43 53-0023 EA 6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,501.40	76.85
32 33 43 53-0024 EA 3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,876.60	76.85
32 33 43 53-0025 EA 4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,876.60	76.85
32 33 43 53-0026 EA 5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,686.00	76.85
32 33 43 53-0027 EA 6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,686.00	76.85
32 33 43 53-0028 EA 3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,805.60	76.85
32 33 43 53-0029 EA 4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	2,805.60	76.85
32 33 43 53-0030 EA 5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,671.80	76.85
32 33 43 53-0031 EA 6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,671.80	76.85
32 33 43 53-0032 EA 3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,990.20	76.85
32 33 43 53-0033 EA 4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	2,990.20	76.85
32 33 43 53-0034 EA 5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,856.40	76.85
32 33 43 53-0035 EA 6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,856.40	76.85
32 33 43 53-0036 EA 3 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,862.40	76.85
32 33 43 53-0037 EA 4 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	2,862.40	76.85
32 33 43 53-0038 EA 5 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,686.00	76.85
32 33 43 53-0039 EA 6 Seat Table, Backless, Grid Seats And Fiberglass Top (Landscapeforms Carousel)	3,686.00	76.85
32 33 43 53-0040 EA 3 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,047.00	76.85
32 33 43 53-0041 EA 4 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,047.00	76.85
32 33 43 53-0042 EA 5 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,870.60	76.85
32 33 43 53-0043 EA 6 Seat Table, Backless, Grid Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,870.60	76.85
32 33 43 53-0044 EA 3 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,004.40	76.85
32 33 43 53-0045 EA 4 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,004.40	76.85
32 33 43 53-0046 EA 5 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,899.00	76.85
32 33 43 53-0047 EA 6 Seat Table, Backless, Perforated Seats And Fiberglass Top (Landscapeforms Carousel)	3,899.00	76.85
32 33 43 53-0048 EA 3 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,189.00	76.85
32 33 43 53-0049 EA 4 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	3,189.00	76.85
32 33 43 53-0050 EA 5 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,083.60	76.85
32 33 43 53-0051 EA 6 Seat Table, Backless, Perforated Seats And Fiberglass Polished Granite Top (Landscapeforms Carousel)	4,083.60	76.85
32 33 43 53-0052 EA 3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,497.25	76.85
32 33 43 53-0053 EA 4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,497.25	76.85
32 33 43 53-0054 EA 5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,296.00	76.85
32 33 43 53-0055 EA 6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,296.00	76.85
32 33 43 53-0056 EA 3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,598.68	76.85
32 33 43 53-0057 EA 4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,598.68	76.85
32 33 43 53-0058 EA 5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,384.75	76.85
32 33 43 53-0059 EA 6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,384.75	76.85
32 33 43 53-0060 EA 3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,611.36	76.85
32 33 43 53-0061 EA 4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,611.36	76.85
32 33 43 53-0062 EA 5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,448.15	76.85
32 33 43 53-0063 EA 6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,448.15	76.85
32 33 43 53-0064 EA 3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,700.11	76.85
32 33 43 53-0065 EA 4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,700.11	76.85
32 33 43 53-0066 EA 5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,536.90	76.85
32 33 43 53-0067 EA 6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,536.90	76.85
32 33 43 53-0068 EA 3 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,662.07	76.85
32 33 43 53-0069 EA 4 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	2,662.07	76.85
32 33 43 53-0070 EA 5 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,473.50	76.85
32 33 43 53-0071 EA 6 Seat Table, Backless, Grid Seats And Catena Top (Landscapeforms Carousel)	3,473.50	76.85
32 33 43 53-0072 EA 3 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,757.16	76.85
32 33 43 53-0073 EA 4 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	2,757.16	76.85
32 33 43 53-0074 EA 5 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,562.25	76.85
32 33 43 53-0075 EA 6 Seat Table, Backless, Grid Seats And Steelhead Top (Landscapeforms Carousel)	3,562.25	76.85
32 33 43 53-0076 EA 3 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,820.56	76.85
32 33 43 53-0077 EA 4 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	2,820.56	76.85
32 33 43 53-0078 EA 5 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,720.74	76.85
32 33 43 53-0079 EA 6 Seat Table, Backless, Perforated Seats And Catena Top (Landscapeforms Carousel)	3,720.74	76.85
32 33 43 53-0080 EA 3 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,909.31	76.85
32 33 43 53-0081 EA 4 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	2,909.31	76.85
32 33 43 53-0082 EA 5 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,809.49	76.85
32 33 43 53-0083 EA 6 Seat Table, Backless, Perforated Seats And Steelhead Top (Landscapeforms Carousel)	3,809.49	76.85
32 33 43 53-0084 Tables (Columbia Cascade Co. - TimberForm) (32 33 43 53-0001)		
32 33 43 53-0085 EA Table With Four Chairs (Columbia Cascade Co. 2052-E)	4,615.24	96.01
32 33 43 53-0086 EA Table With Four Chairs (Columbia Cascade Co. 2052-P)	5,639.44	96.01
32 33 43 53-0087 EA Accessible Table With Three Chairs (Columbia Cascade Co. 2053-E)	3,889.77	96.01
32 33 43 53-0088 EA Accessible Table With Three Chairs (Columbia Cascade Co. 2053-P)	4,857.07	96.01
32 33 43 53-0089 EA Table With Four Seats (Columbia Cascade Co. 2054-E)	2,581.07	96.01

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0090	EA		Table With Four Seats (Columbia Cascade Co. 2054-P).....	2,808.67	96.01
32 33 43 53-0091	EA		Accessible Table With Three Seats (Columbia Cascade Co. 2055-E)	2,196.99	96.01
32 33 43 53-0092	EA		Accessible Table With Three Seats (Columbia Cascade Co. 2055-P)	2,396.14	96.01
32 33 43 53-0093	EA		Integral Table With Four Seats (Columbia Cascade Co. 2056-E).....	2,879.79	96.01
32 33 43 53-0094	EA		Integral Table With Four Seats (Columbia Cascade Co. 2056-P).....	3,078.94	96.01
32 33 43 53-0095	EA		Integral Table With Four Seats (Columbia Cascade Co. 2056-R)	4,672.14	96.01
32 33 43 53-0096	EA		Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-E).....	2,552.61	96.01
32 33 43 53-0097	EA		Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-P).....	2,751.77	96.01
32 33 43 53-0098	EA		Accessible Integral Table With Four Seats (Columbia Cascade Co. 2057-R)	4,344.97	96.01
32 33 43 53-0099	EA		Standard Picnic Table And Seats (Columbia Cascade Co. 2062)	3,178.51	96.01
32 33 43 53-0100	EA		Standard Picnic Table And Seats (Columbia Cascade Co. 2062-P).....	3,406.11	96.01
32 33 43 53-0101	EA		Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-E).....	3,719.07	96.01
32 33 43 53-0102	EA		Accessible Picnic Table And Seats (Columbia Cascade Co. 2063-P).....	3,946.67	96.01
32 33 43 53-0103	EA		Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-E)	4,672.14	96.01
32 33 43 53-0104	EA		Accessible Picnic Table And Benches (Columbia Cascade Co. 2072-P).....	4,899.74	96.01
32 33 43 53-0105	EA		Standard Picnic Table And Benches (Columbia Cascade Co. 2073-E).....	4,672.14	96.01
32 33 43 53-0106	EA		Standard Picnic Table And Benches (Columbia Cascade Co. 2073-P).....	4,899.74	96.01
32 33 43 53-0107	EA		Standard Picnic Table And Seats (Columbia Cascade Co. 2074-6).....	1,092.17	38.39
32 33 43 53-0108	EA		Accessible Picnic Table And Seats (Columbia Cascade Co. 2075-6)	1,462.01	38.39
32 33 43 53-0109	EA		Gameboard (Columbia Cascade Co. 2095).....	311.38	19.23
32 33 43 53-0110	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-E).....	3,178.51	96.01
32 33 43 53-0111	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-E).....	3,633.71	96.01
32 33 43 53-0112	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-6-P).....	3,406.11	96.01
32 33 43 53-0113	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2162-8-P).....	3,861.31	96.01
32 33 43 53-0114	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-E).....	3,534.14	96.01
32 33 43 53-0115	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-E).....	3,989.34	96.01
32 33 43 53-0116	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-6-P).....	3,761.74	96.01
32 33 43 53-0117	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2163-8-P).....	4,216.94	96.01
32 33 43 53-0118	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2164-6).....	2,998.31	38.39
32 33 43 53-0119	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2164-8).....	3,368.17	38.39
32 33 43 53-0120	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-6).....	3,353.94	38.39
32 33 43 53-0121	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2165-8).....	3,723.79	38.39
32 33 43 53-0122	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-E).....	7,545.59	96.01
32 33 43 53-0123	EA		Standard Picnic Table With Seats (Columbia Cascade Co. 2638-6-P).....	8,342.19	96.01
32 33 43 53-0124	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-E).....	7,545.59	96.01
32 33 43 53-0125	EA		Accessible Picnic Table With Seats (Columbia Cascade Co. 2639-6-P).....	8,342.19	96.01
32 33 43 53-0126	EA		Round Table With Center Support (Columbia Cascade Co. 2902-0030-E).....	1,841.37	96.01
32 33 43 53-0127	EA		Round Table With Center Support (Columbia Cascade Co. 2902-0036-E).....	2,026.29	96.01
32 33 43 53-0128	EA		Round Table With Center Support (Columbia Cascade Co. 2902-0042-E).....	2,211.21	96.01
32 33 43 53-0129	EA		Round Table With Center Support (Columbia Cascade Co. 2902-0030-P).....	1,969.39	96.01
32 33 43 53-0130	EA		Round Table With Center Support (Columbia Cascade Co. 2902-0036-P).....	2,154.31	96.01
32 33 43 53-0131	EA		Round Table With Center Support (Columbia Cascade Co. 2902-0042-P).....	2,339.24	96.01
32 33 43 53-0132	EA		Square Table With Center Support (Columbia Cascade Co. 2902-3030-E).....	1,798.69	96.01
32 33 43 53-0133	EA		Square Table With Center Support (Columbia Cascade Co. 2902-3636-E).....	1,926.71	96.01
32 33 43 53-0134	EA		Square Table With Center Support (Columbia Cascade Co. 2902-4242-E).....	2,054.74	96.01
32 33 43 53-0135	EA		Square Table With Center Support (Columbia Cascade Co. 2902-3030-P).....	1,926.71	96.01
32 33 43 53-0136	EA		Square Table With Center Support (Columbia Cascade Co. 2902-3636-P).....	2,054.74	96.01
32 33 43 53-0137	EA		Square Table With Center Support (Columbia Cascade Co. 2902-4242-P).....	2,182.77	96.01
32 33 43 53-0138	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0030-E).....	1,741.79	96.01
32 33 43 53-0139	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0036-E).....	1,926.71	96.01
32 33 43 53-0140	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0042-E).....	2,111.64	96.01
32 33 43 53-0141	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0030-P).....	1,741.79	96.01
32 33 43 53-0142	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0036-P).....	1,926.71	96.01
32 33 43 53-0143	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0042-P).....	2,111.64	96.01
32 33 43 53-0144	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0030-L).....	1,741.79	96.01
32 33 43 53-0145	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0036-L).....	1,926.71	96.01
32 33 43 53-0146	EA		Round Table With Four Legs (Columbia Cascade Co. 2905-0042-L).....	2,111.64	96.01
32 33 43 53-0147	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-3030-E).....	1,656.44	96.01
32 33 43 53-0148	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-3636-E).....	1,784.47	96.01
32 33 43 53-0149	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-4242-E).....	1,912.49	96.01
32 33 43 53-0150	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-3030-P).....	1,656.44	96.01
32 33 43 53-0151	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-3636-P).....	1,784.47	96.01
32 33 43 53-0152	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-4242-P).....	1,912.49	96.01
32 33 43 53-0153	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-3030-L).....	1,656.44	96.01
32 33 43 53-0154	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-3636-L).....	1,784.47	96.01
32 33 43 53-0155	EA		Square Table With Four Legs (Columbia Cascade Co. 2905-4242-L).....	1,912.49	96.01
32 33 43 53-0156	EA		Round Table With Center Support (Columbia Cascade Co. 2912-0030-E).....	1,585.31	96.01
32 33 43 53-0157	EA		Round Table With Center Support (Columbia Cascade Co. 2912-0036-E).....	1,770.24	96.01
32 33 43 53-0158	EA		Round Table With Center Support (Columbia Cascade Co. 2912-0042-E).....	1,955.17	96.01
32 33 43 53-0159	EA		Round Table With Center Support (Columbia Cascade Co. 2912-0030-P).....	1,713.34	96.01
32 33 43 53-0160	EA		Round Table With Center Support (Columbia Cascade Co. 2912-0036-P).....	1,898.27	96.01
32 33 43 53-0161	EA		Round Table With Center Support (Columbia Cascade Co. 2912-0042-P).....	2,083.19	96.01
32 33 43 53-0162	EA		Square Table With Center Support (Columbia Cascade Co. 2912-3030-E).....	1,471.51	96.01
32 33 43 53-0163	EA		Square Table With Center Support (Columbia Cascade Co. 2912-3636-E).....	1,585.31	96.01
32 33 43 53-0164	EA		Square Table With Center Support (Columbia Cascade Co. 2912-4242-E).....	1,713.34	96.01
32 33 43 53-0165	EA		Square Table With Center Support (Columbia Cascade Co. 2912-3030-P).....	1,585.31	96.01
32 33 43 53-0166	EA		Square Table With Center Support (Columbia Cascade Co. 2912-3636-P).....	1,713.34	96.01
32 33 43 53-0167	EA		Square Table With Center Support (Columbia Cascade Co. 2912-4242-P).....	1,841.37	96.01
32 33 43 53-0168	EA		Round Table With Four Legs (Columbia Cascade Co. 2915-0030-E).....	1,670.67	96.01
32 33 43 53-0169	EA		Round Table With Four Legs (Columbia Cascade Co. 2915-0036-E).....	1,855.59	96.01
32 33 43 53-0170	EA		Round Table With Four Legs (Columbia Cascade Co. 2915-0042-E).....	2,040.51	96.01
32 33 43 53-0171	EA		Round Table With Four Legs (Columbia Cascade Co. 2915-0030-P).....	1,670.67	96.01
32 33 43 53-0172	EA		Round Table With Four Legs (Columbia Cascade Co. 2915-0036-P).....	1,855.59	96.01

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0173 EA Round Table With Four Legs (Columbia Cascade Co. 2915-0042-P)	2,040.51	96.01
32 33 43 53-0174 EA Round Table With Four Legs (Columbia Cascade Co. 2915-0030-L)	1,670.67	96.01
32 33 43 53-0175 EA Round Table With Four Legs (Columbia Cascade Co. 2915-0036-L)	1,855.59	96.01
32 33 43 53-0176 EA Round Table With Four Legs (Columbia Cascade Co. 2915-0042-L)	2,040.51	96.01
32 33 43 53-0177 EA Square Table With Four Legs (Columbia Cascade Co. 2915-3030-E)	1,571.09	96.01
32 33 43 53-0178 EA Square Table With Four Legs (Columbia Cascade Co. 2915-3636-E)	1,699.11	96.01
32 33 43 53-0179 EA Square Table With Four Legs (Columbia Cascade Co. 2915-4242-E)	1,827.14	96.01
32 33 43 53-0180 EA Square Table With Four Legs (Columbia Cascade Co. 2915-3030-P)	1,571.09	96.01
32 33 43 53-0181 EA Square Table With Four Legs (Columbia Cascade Co. 2915-3636-P)	1,699.11	96.01
32 33 43 53-0182 EA Square Table With Four Legs (Columbia Cascade Co. 2915-4242-P)	1,827.14	96.01
32 33 43 53-0183 EA Square Table With Four Legs (Columbia Cascade Co. 2915-3030-L)	1,571.09	96.01
32 33 43 53-0184 EA Square Table With Four Legs (Columbia Cascade Co. 2915-3636-L)	1,699.11	96.01
32 33 43 53-0185 EA Square Table With Four Legs (Columbia Cascade Co. 2915-4242-L)	1,827.14	96.01
32 33 43 53-0186 EA Round Table With Center Support (Columbia Cascade Co. 2922-0030-E)	1,471.51	96.01
32 33 43 53-0187 EA Round Table With Center Support (Columbia Cascade Co. 2922-0036-E)	1,528.41	96.01
32 33 43 53-0188 EA Round Table With Center Support (Columbia Cascade Co. 2922-0042-E)	1,585.31	96.01
32 33 43 53-0189 EA Round Table With Center Support (Columbia Cascade Co. 2922-0030-P)	1,599.54	96.01
32 33 43 53-0190 EA Round Table With Center Support (Columbia Cascade Co. 2922-0036-P)	1,656.44	96.01
32 33 43 53-0191 EA Round Table With Center Support (Columbia Cascade Co. 2922-0042-P)	1,713.34	96.01
32 33 43 53-0192 EA Square Table With Center Support (Columbia Cascade Co. 2922-3030-E)	1,457.29	96.01
32 33 43 53-0193 EA Square Table With Center Support (Columbia Cascade Co. 2922-3636-E)	1,499.97	96.01
32 33 43 53-0194 EA Square Table With Center Support (Columbia Cascade Co. 2922-4242-E)	1,542.64	96.01
32 33 43 53-0195 EA Square Table With Center Support (Columbia Cascade Co. 2922-3030-P)	1,585.31	96.01
32 33 43 53-0196 EA Square Table With Center Support (Columbia Cascade Co. 2922-3636-P)	1,627.99	96.01
32 33 43 53-0197 EA Square Table With Center Support (Columbia Cascade Co. 2922-4242-P)	1,670.67	96.01
32 33 43 53-0198 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0030-E)	1,499.97	96.01
32 33 43 53-0199 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0036-E)	1,556.87	96.01
32 33 43 53-0200 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0042-E)	1,613.77	96.01
32 33 43 53-0201 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0030-P)	1,499.97	96.01
32 33 43 53-0202 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0036-P)	1,556.87	96.01
32 33 43 53-0203 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0042-P)	1,613.77	96.01
32 33 43 53-0204 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0030-L)	1,499.97	96.01
32 33 43 53-0205 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0036-L)	1,556.87	96.01
32 33 43 53-0206 EA Round Table With Four Legs (Columbia Cascade Co. 2925-0042-L)	1,613.77	96.01
32 33 43 53-0207 EA Square Table With Four Legs (Columbia Cascade Co. 2925-3030-E)	1,499.97	96.01
32 33 43 53-0208 EA Square Table With Four Legs (Columbia Cascade Co. 2925-3636-E)	1,542.64	96.01
32 33 43 53-0209 EA Square Table With Four Legs (Columbia Cascade Co. 2925-4242-E)	1,585.31	96.01
32 33 43 53-0210 EA Square Table With Four Legs (Columbia Cascade Co. 2925-3030-P)	1,499.97	96.01
32 33 43 53-0211 EA Square Table With Four Legs (Columbia Cascade Co. 2925-3636-P)	1,542.64	96.01
32 33 43 53-0212 EA Square Table With Four Legs (Columbia Cascade Co. 2925-4242-P)	1,585.31	96.01
32 33 43 53-0213 EA Square Table With Four Legs (Columbia Cascade Co. 2925-3030-L)	1,499.97	96.01
32 33 43 53-0214 EA Square Table With Four Legs (Columbia Cascade Co. 2925-3636-L)	1,542.64	96.01
32 33 43 53-0215 EA Square Table With Four Legs (Columbia Cascade Co. 2925-4242-L)	1,585.31	96.01
32 33 43 53-0216 EA Round Table With Center Support (Columbia Cascade Co. 2932-0030-E)	1,528.41	96.01
32 33 43 53-0217 EA Round Table With Center Support (Columbia Cascade Co. 2932-0036-E)	1,585.31	96.01
32 33 43 53-0218 EA Round Table With Center Support (Columbia Cascade Co. 2932-0042-E)	1,642.21	96.01
32 33 43 53-0219 EA Round Table With Center Support (Columbia Cascade Co. 2932-0030-P)	1,656.44	96.01
32 33 43 53-0220 EA Round Table With Center Support (Columbia Cascade Co. 2932-0036-P)	1,713.34	96.01
32 33 43 53-0221 EA Round Table With Center Support (Columbia Cascade Co. 2932-0042-P)	1,770.24	96.01
32 33 43 53-0222 EA Square Table With Center Support (Columbia Cascade Co. 2932-3030-E)	1,627.99	96.01
32 33 43 53-0223 EA Square Table With Center Support (Columbia Cascade Co. 2932-3636-E)	1,670.67	96.01
32 33 43 53-0224 EA Square Table With Center Support (Columbia Cascade Co. 2932-4242-E)	1,713.34	96.01
32 33 43 53-0225 EA Square Table With Center Support (Columbia Cascade Co. 2932-3030-P)	1,756.01	96.01
32 33 43 53-0226 EA Square Table With Center Support (Columbia Cascade Co. 2932-3636-P)	1,798.69	96.01
32 33 43 53-0227 EA Square Table With Center Support (Columbia Cascade Co. 2932-4242-P)	1,841.37	96.01
32 33 43 53-0228 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0030-E)	1,599.54	96.01
32 33 43 53-0229 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0036-E)	1,656.44	96.01
32 33 43 53-0230 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0042-E)	1,713.34	96.01
32 33 43 53-0231 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0030-P)	1,599.54	96.01
32 33 43 53-0232 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0036-P)	1,656.44	96.01
32 33 43 53-0233 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0042-P)	1,713.34	96.01
32 33 43 53-0234 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0030-L)	1,599.54	96.01
32 33 43 53-0235 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0036-L)	1,656.44	96.01
32 33 43 53-0236 EA Round Table With Four Legs (Columbia Cascade Co. 2935-0042-L)	1,713.34	96.01
32 33 43 53-0237 EA Square Table With Four Legs (Columbia Cascade Co. 2935-3030-E)	1,699.11	96.01
32 33 43 53-0238 EA Square Table With Four Legs (Columbia Cascade Co. 2935-3636-E)	1,741.79	96.01
32 33 43 53-0239 EA Square Table With Four Legs (Columbia Cascade Co. 2935-4242-E)	1,784.47	96.01
32 33 43 53-0240 EA Square Table With Four Legs (Columbia Cascade Co. 2935-3030-P)	1,699.11	96.01
32 33 43 53-0241 EA Square Table With Four Legs (Columbia Cascade Co. 2935-3636-P)	1,741.79	96.01
32 33 43 53-0242 EA Square Table With Four Legs (Columbia Cascade Co. 2935-4242-P)	1,784.47	96.01
32 33 43 53-0243 EA Square Table With Four Legs (Columbia Cascade Co. 2935-3030-L)	1,699.11	96.01
32 33 43 53-0244 EA Square Table With Four Legs (Columbia Cascade Co. 2935-3636-L)	1,741.79	96.01
32 33 43 53-0245 EA Square Table With Four Legs (Columbia Cascade Co. 2935-4242-L)	1,784.47	96.01
32 33 43 53-0246 EA Square Table With Center Support (Columbia Cascade Co. 2942-3030-E)	1,286.59	96.01
32 33 43 53-0247 EA Square Table With Center Support (Columbia Cascade Co. 2942-3636-E)	1,329.27	96.01
32 33 43 53-0248 EA Square Table With Center Support (Columbia Cascade Co. 2942-4242-E)	1,371.94	96.01
32 33 43 53-0249 EA Square Table With Center Support (Columbia Cascade Co. 2942-3030-P)	1,414.61	96.01
32 33 43 53-0250 EA Square Table With Center Support (Columbia Cascade Co. 2942-3636-P)	1,457.29	96.01
32 33 43 53-0251 EA Square Table With Center Support (Columbia Cascade Co. 2942-4242-P)	1,499.97	96.01
32 33 43 53-0252 EA Round Table With Center Support (Columbia Cascade Co. 2962-0030-E)	1,528.41	96.01
32 33 43 53-0253 EA Round Table With Center Support (Columbia Cascade Co. 2962-0036-E)	1,585.31	96.01
32 33 43 53-0254 EA Round Table With Center Support (Columbia Cascade Co. 2962-0042-E)	1,642.21	96.01
32 33 43 53-0255 EA Round Table With Center Support (Columbia Cascade Co. 2962-0030-P)	1,371.94	96.01

32 Exterior Improvements**32 30 Site Improvements****32 33 Site Furnishings**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 43 53-0256 EA Round Table With Center Support (Columbia Cascade Co. 2962-0036-P)	1,428.84	96.01
32 33 43 53-0257 EA Round Table With Center Support (Columbia Cascade Co. 2962-0042-P)	1,485.74	96.01
32 33 43 53-0258 EA Square Table With Center Support (Columbia Cascade Co. 2962-3030-E)	1,258.14	96.01
32 33 43 53-0259 EA Square Table With Center Support (Columbia Cascade Co. 2962-3636-E)	1,300.81	96.01
32 33 43 53-0260 EA Square Table With Center Support (Columbia Cascade Co. 2962-4242-E)	1,343.49	96.01
32 33 43 53-0261 EA Square Table With Center Support (Columbia Cascade Co. 2962-3030-P)	1,386.17	96.01
32 33 43 53-0262 EA Square Table With Center Support (Columbia Cascade Co. 2962-3636-P)	1,428.84	96.01
32 33 43 53-0263 EA Square Table With Center Support (Columbia Cascade Co. 2962-4242-P)	1,471.51	96.01
32 33 43 53-0264 Picnic Tables (32 33 43 53)		
32 33 43 53-0265 Wooden Picnic Tables (32 33 43 53-0264)		
32 33 43 53-0266 EA 6' Permanent Rectangular Redwood Table	784.75	61.65
32 33 43 53-0267 Portable Picnic Tables (32 33 43 53-0264)		
32 33 43 53-0268 EA 6' Wood Table With Aluminum Frame	1,388.02	41.10
32 33 43 53-0269 EA 6' Aluminum Table And Frame	2,019.10	41.10
32 33 43 53-0270 EA 8' Aluminum Table And Frame	2,408.58	51.38
32 33 43 53-0271 EA 6' Steel Table And Frame	1,244.00	41.10
32 33 43 53-0272 EA 8' Steel Table And Frame	1,423.38	51.38
32 33 43 53-0273 Concrete Picnic Tables (32 33 43 53-0264)		
32 33 43 53-0274 EA 72" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quikrete QLBT72PT)	2,440.08	164.39
32 33 43 53-0275 EA 96" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches (Quick Crete QLBT96PT Or QLMR96PT)	2,872.22	
Note: Standard sealer		
32 33 43 53-0276 EA 102" Long x 72" Wide, Precast Concrete, One Piece, Rectangular Picnic Table With Two Integral Benches And Handicap Access On Two Ends (Quick Crete QLMR102PTADA)	2,881.40	
Note: Standard sealer		
32 33 43 53-0277 EA 42" Diameter, Precast Concrete, Round Food Court Table Set With Four Benches (Quick Crete QR42FC)	3,047.29	
Note: Includes table top, four benches and mounting hardware.		
32 33 43 53-0278 Plastic Picnic Tables (32 33 43 53-0264)		
Note: Manufactured from recycled plastic.		
32 33 43 53-0279 Pedestal Tables - 4' Square, 2 Seats (32 33 43 53-0278)		
32 33 43 53-0280 EA 3" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,465.69	61.65
32 33 43 53-0281 EA 4" x 4" Slats, Pedestal Table, 4' Square, 2 Seats	1,608.28	61.65
32 33 43 53-0282 Pedestal Tables - 4' Square, 4 Seats (32 33 43 53-0278)		
32 33 43 53-0283 EA 3" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	1,928.09	61.65
32 33 43 53-0284 EA 4" x 4" Slats, Pedestal Table, 4' Square, 4 Seats	2,119.57	61.65
32 33 43 53-0285 Recycled Plastic Tables (32 33 43 53-0278)		
32 33 43 53-0286 EA 6' Standard "Step-Over" Table, Recycled Plastic Lumber	2,532.39	61.65
32 33 43 53-0287 EA 6' "Walk-Through" Table, Recycled Plastic Lumber	2,105.36	61.65
32 33 43 53-0288 EA 7' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,301.61	61.65
32 33 43 53-0289 EA 8' "Walk-Through" Table, Recycled Plastic Lumber, ADA Ends	2,150.89	61.65
32 33 43 53-0290 EA 8' Reinforced "Step-Over" Table, Recycled Plastic Lumber, ADA Ends	2,712.55	61.65
32 33 43 53-0291 EA 4' Youth Table, Recycled Plastic Lumber	1,070.05	49.32
32 33 53 Site Grills (32 33)		
32 33 53 00-0001 Picnic Grills (32 33 53)		
32 33 53 00-0002 EA 20" Wide x 14" Deep x 8-1/2" High Adjustable Grill	411.65	
Note: 11 gauge with galvanized steel post.		
32 33 53 00-0003 EA 20" Wide x 14" Deep x 8-1/2" High Adjustable Grill	441.07	
Note: 7 gauge with galvanized steel post.		
32 33 63 Skate Board Deterrent (32 33)		
32 33 63 00-0001 Skate Stoppers (32 33 63)		
32 33 63 00-0002 EA Aluminum Architectural Series Pieces, Skate Stopper	60.48	
Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
For >59 To 99, Deduct	-6.62	
For >99 To 249, Deduct	-8.33	
For >249, Deduct	-10.04	
32 33 63 00-0003 EA Aluminum Fixed Angle Series Pieces, Skate Stopper	64.19	
Note: Various shapes. Includes drilling and anchoring into suitable surface material.		
For >59 To 99, Deduct	-7.14	
For >99 To 249, Deduct	-8.96	
For >249, Deduct	-10.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 33 63 00-0004 EA Aluminum Fixed Radius Series Pieces, Skate Stopper 44.67 Note: Various shapes. Includes drilling and anchoring into suitable surface material. For >59 To 99, Deduct -4.40 For >99 To 249, Deduct -5.64 For >249, Deduct -6.88		
32 33 63 00-0005 EA Aluminum Bench Clips, Skate Stopper 35.35 Note: Various shapes. Includes drilling and anchoring into suitable surface material. For >59 To 99, Deduct -3.10 For >99 To 249, Deduct -4.06 For >249, Deduct -5.02		
32 33 63 00-0006 EA Aluminum Curve Clips, Skate Stopper 38.83 Note: Various shapes. Includes drilling and anchoring into suitable surface material. For >59 To 99, Deduct -3.59 For >99 To 249, Deduct -4.65 For >249, Deduct -5.71		
32 33 63 00-0007 EA Aluminum Hand Rail, Skate Stopper 37.07 Note: Various shapes. Includes drilling and anchoring into suitable surface material. For >59 To 99, Deduct -3.34 For >99 To 249, Deduct -4.35 For >249, Deduct -5.36		
32 33 63 00-0008 EA Aluminum 2" x 3" x 0.25" Flat Cap, Skate Stopper 34.78 Note: Includes drilling and anchoring into suitable surface material. For >59 To 99, Deduct -3.02 For >99 To 249, Deduct -3.96 For >249, Deduct -4.90		
32 33 63 00-0009 EA Aluminum 6" Diameter x 0.25" Rumble Disc, Skate Stopper 49.00 Note: Includes drilling and anchoring into suitable surface material. For >59 To 99, Deduct -5.01 For >99 To 249, Deduct -6.38 For >249, Deduct -7.75		
32 33 63 00-0010 EA Aluminum 4" x 17" x 0.25" Flat Strap, Skate Stopper 91.69 Note: Includes drilling and anchoring into suitable surface material. For >59 To 99, Deduct -10.99 For >99 To 249, Deduct -13.64 For >249, Deduct -16.28		

32 39 Manufactured Site Specialties (32 39)

Note: Excludes core drilling, augering, concrete footing and compaction See CSI section 02 41 19 13-0025 for concrete core drilling, 02 41 19 13-0163 for asphalt core drilling, 32 31 13 13-0002 for augering, 32 31 13 13-0019 for concrete footing, 32 31 13 13-0045 for compaction of earth.

32 39 13 Manufactured Metal Bollards (32 39)

32 39 13 00-0001 Metal Pipe Bollards (32 39 13)

Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill for post and post holes.

32 39 13 00-0002 Steel Pipe Bollard, Schedule 40 Pipe, Painted Or Powder Coated (32 39 13 00-0001)

32 39 13 00-0003 LF 4" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated 106.91 12.18 For Galvanized Steel, Add 14.03 For 304 Stainless Steel, Add 111.44 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add 121.44 For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add 86.64 For Schedule 80, Add 14.82 For Concrete Fill, Add Per LF Of Pipe Bollard 8.62		
32 39 13 00-0004 LF 6" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated 154.57 12.18 For Galvanized Steel, Add 22.14 For 304 Stainless Steel, Add 175.78 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add 121.44 For Each Sleeve For Removable, Lockable Bollard (Includes Tamper Proof Screw), Add 86.64 For Schedule 80, Add 21.97 For Concrete Fill, Add Per LF Of Pipe Bollard 12.14		
32 39 13 00-0005 LF 8" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated 223.57 15.23 For Galvanized Steel, Add 32.83 For 304 Stainless Steel, Add 260.71 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add 159.80 For Each Sleeve For Removable, Lockable Bollard, Add 129.06 For Schedule 80, Add 32.01 For Concrete Fill, Add Per LF Of Pipe Bollard 16.20		
32 39 13 00-0006 LF 10" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated 300.77 18.26 For Galvanized Steel, Add 44.92 For 304 Stainless Steel, Add 356.71 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add 184.16 For Each Sleeve For Removable, Lockable Bollard, Add 141.24 For Schedule 80, Add 43.29 For Concrete Fill, Add Per LF Of Pipe Bollard 19.81		
32 39 13 00-0007 LF 12" Steel Pipe Bollard, Schedule 40, Painted Or Powder Coated 376.61 24.36 For Galvanized Steel, Add 55.74 For 304 Stainless Steel, Add 442.67 For Each Surface Mounted Bollard (Includes Base Plate And Anchor Bolts), Add 253.84 For Each Sleeve For Removable, Lockable Bollard, Add 194.29 For Schedule 80, Add 54.06 For Concrete Fill, Add Per LF Of Pipe Bollard 23.08		

32 39 23 Manufactured Concrete Bollards (32 39)

32 Exterior Improvements**32 30 Site Improvements****32 39 Manufactured Site Specialties**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 39 23 00-0001		Concrete Bollards (32 39 23) Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any.		
32 39 23 00-0002		Concrete Bollard, Exposed Aggregate (32 39 23 00-0001)		
32 39 23 00-0003	EA	12" x 12" x 30" High Concrete Bollard, Light Media Blast.....	551.81	97.42
		Note: Surface mounted with anchor bolts embedded into grout pockets.		
32 39 23 00-0004	EA	12" Diameter x 30" High Concrete Bollard, Light Media Blast.....	551.81	97.42
		Note: Surface mounted with anchor bolts embedded into grout pockets.		
32 39 25		Manufactured Wood Bollards (32 39)		
32 39 25 00-0001		Wood Bollards (32 39 25) Note: For bollards by the LF, the quantity is the total length, including the buried portion, if any. See CSI section 32 31 13 13-0001 for augering and filling holes for bollards, 32 31 13 13-0018 for concrete fill.		
32 39 25 00-0002		Wood Bollard, Pressure Treated Timber (32 39 25 00-0001)		
32 39 25 00-0003	LF	4" x 4", Pressure Treated Wood Bollard.....	22.41	9.75
		For Each Sleeve For Removable, Lockable Bollard, Add	85.98	
32 39 25 00-0004	LF	6" x 6", Pressure Treated Wood Bollard.....	25.51	9.75
		For Each Sleeve For Removable, Lockable Bollard, Add	85.98	
32 39 25 00-0005	LF	8" x 8", Pressure Treated Wood Bollard.....	32.64	10.96
		For Each Sleeve For Removable, Lockable Bollard, Add	129.04	
32 39 25 00-0006	LF	10" x 10", Pressure Treated Wood Bollard.....	45.95	14.61
		For Each Sleeve For Removable, Lockable Bollard, Add	143.66	
32 39 25 00-0007	LF	12" x 12", Pressure Treated Wood Bollard.....	63.04	19.48
		For Each Sleeve For Removable, Lockable Bollard, Add	199.03	
32 39 27		Manufactured Plastic Bollards (32 39)		
32 39 27 00-0001		Plastic Bollards (32 39 27) See CSI section 32 31 13 13-0001 for augering and filling holes for bollards.		
32 39 27 00-0002		Recycled Plastic Bollards (32 39 27 00-0001)		
32 39 27 00-0003	EA	6" x 6" x 33" Surface Mounted Recycled Plastic Bollard.....	338.61	48.71
		Note: Includes anchor bolts.		
32 39 27 00-0004	EA	6" Diameter x 6" Steel Reinforced Recycled Plastic Bollard.....	553.32	48.71
32 39 27 00-0005		Plastic Bollard Covers (32 39 27 00-0001)		
32 39 27 00-0006	EA	4" x 60", 1/8" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	85.01	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0007	EA	6" x 60", 1/8" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	91.81	11.69
		For Reflective Tape, Add	10.12	
32 39 27 00-0008	EA	3" x 60", 1/4" Thick LDPE Bollard Cover, Fits 3" To 3 1/2" Pipe.....	116.90	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0009	EA	3-1/2" x 52", 1/4" Thick LDPE Bollard Cover, Fits 3 -1/2" To 4" Pipe.....	116.90	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0010	EA	3-1/2" x 68", 1/4" Thick LDPE Bollard Cover, Fits 3-1/2" To 4" Pipe.....	131.78	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0011	EA	4" x 52", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	116.90	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0012	EA	4" x 60", 1/4" Thick LDPE Bollard Cover, Fits 4" To 4-1/2" Pipe.....	119.03	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0013	EA	5" x 52", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	116.90	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0014	EA	5" x 60", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	119.03	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0015	EA	5" x 72", 1/4" Thick LDPE Bollard Cover, Fits 5" To 5-9/16" Pipe.....	167.93	10.62
		For Reflective Tape, Add	10.12	
32 39 27 00-0016	EA	6" x 52", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	119.02	11.69
		For Reflective Tape, Add	10.12	
32 39 27 00-0017	EA	6" x 65", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	153.04	11.69
		For Reflective Tape, Add	10.12	
32 39 27 00-0018	EA	6" x 84", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	174.73	11.69
		For Reflective Tape, Add	10.12	
32 39 27 00-0019	EA	7" x 56", 1/4" Thick LDPE Bollard Cover, Fits 6" To 6-5/8" Pipe.....	146.65	12.75
		For Reflective Tape, Add	10.12	
32 39 27 00-0020	EA	8" x 52", 1/4" Thick LDPE Bollard Cover, Fits 7" To 7-5/16" Pipe.....	159.41	12.75
		For Reflective Tape, Add	10.12	
32 39 27 00-0021	EA	8" x 69", 1/4" Thick LDPE Bollard Cover, Fits 8" To 8-5/8" Pipe.....	159.41	12.75
		For Reflective Tape, Add	10.12	
32 39 27 00-0022	EA	10" x 69", 1/4" Thick LDPE Bollard Cover, Fits 10" To 11" Pipe.....	216.83	12.75
		For Reflective Tape, Add	10.12	
32 39 29		Manufactured Stone Bollards (32 39)		
32 39 29 00-0001		Stone Bollards (32 39 29)		
32 39 29 00-0002		Granite Bollards (32 39 29 00-0001)		
32 39 29 00-0003	EA	16" x 16" x 30" Granite Bollard, Smooth Matt Finish.....	1,227.62	121.78
		Note: Surface mounted with anchors embedded into grout pockets.		
32 39 29 00-0004	EA	16" x 16" x 54" Granite Bollard, Smooth Matt Finish.....	1,557.66	170.50
		Note: Surface mounted with anchors embedded into grout pockets.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 39 29 00-0005	EA		12" x 12" x 24" Granite Bollard, Rough Finish, Pyramid Top Note: Surface mounted with anchors embedded into grout pockets.	769.58	121.78
32 39 29 00-0006	EA		12" Diameter x 18" Granite Bollard, Smooth Matt Finish Note: Flat Top, surface mounted with anchors embedded into grout pockets.	1,125.23	97.42
32 39 29 00-0007	EA		24" x 24" x 20" Granite Bollard, Octagonal Cross Section Note: Smooth matt finish, flat top, surface mounted with anchors embedded into grout pockets.	1,670.94	97.42

32 80 Irrigation ⁽³²⁾

32 84 Planting Irrigation ^(32 80)

32 84 13 Drip Irrigation ^(32 84)

32 84 13 00-0001 Drip Emitter Irrigation Devices ^(32 84 13)

32 84 13 00-0002 Drip Emitter Irrigation Valves ^(32 84 13 00-0001)

32 84 13 00-0003	EA	1/2" Air/Vacuum Relief Valve For Drip Emitter Irrigation Systems (Rain Bird® ARV050)	48.42	10.72
32 84 13 00-0004	EA	1", Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV100)	83.27	10.72
32 84 13 00-0005	EA	3/4", Anti-Siphon, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075)	80.84	10.72
32 84 13 00-0006	EA	3/4", Latching Solenoid, Low Flow Remote Control Valve For Drip Emitter Irrigation Systems (Rain Bird® LFV075TBOS)	113.58	10.72

32 84 13 00-0007 Drip Emitter Irrigation Filters ^(32 84 13 00-0001)

32 84 13 00-0008	EA	3/4" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-075)	182.78	10.72
32 84 13 00-0009	EA	1" Inlet/Outlet, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® QKCHK-100)	184.58	10.72
32 84 13 00-0010	EA	3/4" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY075MPTX)	63.64	10.72
32 84 13 00-0011	EA	1" Inlet/Outlet, Inline Wye Filter For Drip Emitter Irrigation Systems (Rain Bird® RBY100MPTX)	65.08	10.72
32 84 13 00-0012	EA	1" Inlet/Outlet, Pressure Regulating, Inline Basket Filter For Drip Emitter Irrigation Systems (Rain Bird® PRB-QCHK-100)	199.55	10.72
32 84 13 00-0013	EA	3/4" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF075RBY)	85.31	10.72
32 84 13 00-0014	EA	1" Inlet/Outlet, Pressure Regulating, Inline RBY Filter For Drip Emitter Irrigation Systems (Rain Bird® PRF100RBY)	96.60	10.72

32 84 13 00-0015 Drip Emitter Irrigation Pressure Regulators ^(32 84 13 00-0001)

32 84 13 00-0016	EA	3/4", 6 To 300 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-L30X-075)	62.18	10.72
32 84 13 00-0017	EA	3/4", 120 To 600 GPH, 30 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M30X-075)	62.18	10.72
32 84 13 00-0018	EA	3/4", 120 To 600 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-075)	62.18	10.72
32 84 13 00-0019	EA	1", 120 To 900 GPH, 40 PSI, Inline Pressure Regulator For Drip Emitter Irrigation Systems (Rain Bird® PSI-M40X-100)	74.04	10.72

32 84 13 00-0020 Drip Emitter Irrigation Tubing ^(32 84 13 00-0001)

Note: Includes surface installation and covering of tubing with existing pine straw, pine bark etc.					
32 84 13 00-0021	LF	1/4", Landscape Dripline With Extruded Non-Pressure Compensating Drip Emitters (Rain Bird® LDQ0806100)	4.33	1.50	
32 84 13 00-0022	LF	1/2", Landscape Dripline With Extruded Pressure Compensating Drip Emitters (Rain Bird® XFD0612100)	3.78	1.71	
32 84 13 00-0023	LF	1/4", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XQ100)	3.19	1.50	
<i>For Shallow Trenching And Backfill By Hand, Add</i>			6.14		
32 84 13 00-0024	LF	1/2", UV-Resistant, Polyethylene, Distribution Tubing For Drip Emitter Irrigation Systems (Rain Bird® XT700100)	3.89	1.71	
<i>For Shallow Trenching And Backfill By Hand, Add</i>			6.66		

32 84 13 00-0025 Drip Emitter Irrigation Fittings ^(32 84 13 00-0001)

32 84 13 00-0026	EA	1/4", Barbed Coupling For Irrigation Tubing (Rain Bird® XBF1CONN)	2.90	
32 84 13 00-0027	EA	1/4", Barbed Elbow For Irrigation Tubing (Rain Bird® XBF2EL)	2.94	
32 84 13 00-0028	EA	1/4", Barbed Tee For Irrigation Tubing (Rain Bird® XBF3TEE)	3.00	
32 84 13 00-0029	EA	1/4", Self Piercing Barbed Coupling For Irrigation Tubing (Rain Bird® SPB025)	3.22	
32 84 13 00-0030	EA	1/4", Plug For Irrigation Tubing (Rain Bird® EMAGPX)	2.86	
32 84 13 00-0031	EA	17mm, Barbed Coupling For Irrigation Tubing (Rain Bird® XFFCOUP)	3.11	
<i>For Compression Fitting, Add</i>			0.43	
32 84 13 00-0032	EA	17mm, Barbed Elbow For Irrigation Tubing (Rain Bird® XFF-ELBOW)	3.23	
<i>For Compression Fitting, Add</i>			0.55	
32 84 13 00-0033	EA	17mm, Barbed Tee For Irrigation Tubing (Rain Bird® XFF-TEE)	3.29	
<i>For Compression Fitting, Add</i>			0.61	
32 84 13 00-0034	EA	17mm, Barbed Male Adapter For Irrigation Tubing (Rain Bird® XFFMA050)	3.33	
<i>For Compression Fitting, Add</i>			0.65	
32 84 13 00-0035	EA	17mm, Barbed Cross For Irrigation Tubing (Rain Bird® XFFDCROSS)	3.59	
<i>For Compression Fitting, Add</i>			0.91	
32 84 13 00-0036	EA	1/2", Plug For Irrigation Tubing (Rain Bird® MDCFCAP)	3.88	
32 84 13 00-0037	EA	12 Gauge, Galvanized Stake For Irrigation Tubing (Rain Bird® TDS050BEND)	1.91	

32 84 13 00-0038 Drip Emitters ^(32 84 13 00-0001)

32 84 13 00-0039	EA	0.5 To 2 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB20PC)	6.02	
32 84 13 00-0040	EA	5 To 24 GPH, Single Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® PC24)	7.17	

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 13 00-0041	EA	0.5 To 2 GPH, Six Outlet, Pressure Compensating Emitter For Drip Emitter Irrigation Systems (Rain Bird® XB056).....	16.19	
32 84 13 00-0042		Drip Emitter Irrigation Micro-Bubblers, Sprays And Misters (32 84 13 00-0001)		
32 84 13 00-0043	EA	Adjustable Stream Bubbler With Spike For Drip Emitter Irrigation Systems (Rain Bird® SXB360SPYK).....	23.22	9.64
32 84 13 00-0044	EA	Adjustable Micro Spray With Spike For Drip Emitter Irrigation Systems (Rain Bird® XS360TSPYK).....	23.28	9.64
32 84 13 00-0045	EA	12" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP12 With SQFUL).....	26.47	9.64
32 84 13 00-0046	EA	24" Height, Riser Assembly With Pressure Compensating Nozzle For Drip Emitter Irrigation Systems (Rain Bird® SQADP24 With SQFUL).....	26.81	9.64
32 84 13 00-0047	EA	4" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-400X With SQFUL)..... Note: Includes nozzle.	39.90	12.64
32 84 13 00-0048	EA	6" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP-600X With SQFUL)..... Note: Includes nozzle.	44.00	12.64
32 84 13 00-0049	EA	12" Pop-Up Height, Micro Spray Pop-Ups For Drip Emitter Irrigation Systems (Rain Bird® XP1200X With SQFUL)..... Note: Includes nozzle.	47.42	12.64
32 84 13 00-0050		Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS) (32 84 13 00-0001)		
		Note: Brown or purple tubing. Includes layout, trenching 4" to 6", installing tubing and backfilling trench.		
32 84 13 00-0051	LF	0.536" ID, 0.634" OD, Subsurface Drip Emitter Irrigation Tubing (Rain Bird® XFS Copper Shield).....	4.35	1.87
32 84 23		Underground Sprinklers (32 84)		
32 84 23 00-0001		Sprinkler Heads (32 84 23)		
32 84 23 00-0002		Spray Sprinkler Heads (32 84 23 00-0001)		
		Note: Includes plastic riser and case. Includes spray, variable arc or bubbler nozzle with partial or full circle coverage.		
32 84 23 00-0003	EA	2" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1802P).....	34.75	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0004	EA	4" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1804P).....	32.42	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0005	EA	6" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1806P).....	41.05	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0006	EA	12" Pop-Up Height, Spray Sprinkler Head (Rain Bird® 1812P).....	48.27	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0007	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1804-SAM).....	35.67	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0008	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1806-SAM).....	47.81	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0009	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve (Rain Bird® 1812-SAM).....	53.66	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0010	EA	4" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1804-PRS).....	39.13	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0011	EA	6" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1806-PRS).....	50.20	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0012	EA	12" Pop-Up Height, Spray Sprinkler Head With Pressure Regulator (Rain Bird® 1812-PRS).....	55.65	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0013	EA	4" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1804-SAM-PRS).....	40.51	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0014	EA	6" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1806-SAM-PRS).....	57.50	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0015	EA	12" Pop-Up Height, Spray Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 1812-SAM-PRS).....	62.88	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0016	EA	Bubbler Head With Screen, 1/2" NPT (Rain Bird® 1300).....	27.89	11.84
		For Rotary Nozzle, Add	3.25	
32 84 23 00-0017	EA	Pressure Compensating Bubbler With Screen, 1/2" NPT (Rain Bird® 1400).....	33.29	11.84
32 84 23 00-0018		Gear-Drive, Rotary Sprinkler Heads (32 84 23 00-0001)		
		Note: Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0019		1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Heads (32 84 23 00-0001)		
		Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0020	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 3504PC).....	51.81	11.84
		For Non-Potable Cover, Add	2.00	
32 84 23 00-0021	EA	4" Pop-Up Height, 1/2" Inlet, Up To 35' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 3504-PC-SAM).....	53.73	11.84
		For Non-Potable Cover, Add	2.00	
32 84 23 00-0022		3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Heads (32 84 23 00-0001)		
		Note: Includes plastic riser and case, standard rubber cover and nozzle with partial or full circle coverage.		
32 84 23 00-0023	EA	4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5004-PLPC).....	47.20	11.84
		For Non-Potable Cover, Add	2.00	
		For Stainless Steel Riser, Add	9.00	
32 84 23 00-0024	EA	6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 5006-PLPC).....	67.95	11.84
		For Non-Potable Cover, Add	2.00	
		For Stainless Steel Riser, Add	9.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0025 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5004-PLPCS)	51.04	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0026 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5006-PLPCS)	71.03	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0027 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Pressure Regulator (Rain Bird® 5004+PCR)	52.58	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0028 EA 4" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5004+FCSR)	55.65	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0029 EA 6" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5006+PCSR)	75.64	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0030 EA 12" Pop-Up Height, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5012+PCSR)	87.94	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0031 EA Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve (Rain Bird® 5000S-PLPCS)	55.27	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0032 EA Shrub Type, 3/4" Inlet, Up To 55' Spacing, Gear-Drive, Rotary Sprinkler Head With Check Valve And Pressure Regulator (Rain Bird® 5000S+PCSR)	67.57	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0033 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Heads (32 84 23 00-0018)		
Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0034 EA 4" Pop-Up Height, 1" Inlet, Up To 65' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® F4PC)	96.78	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
<i>For Stainless Steel Riser And High Speed Rotor, Add</i>	56.58	
32 84 23 00-0035 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Heads (32 84 23 00-0018)		
Note: Includes plastic riser and case, standard rubber cover, check valve and nozzle with partial or full circle coverage.		
32 84 23 00-0036 EA 5" Pop-Up Height, 1" Inlet, Up To 80' Spacing, Gear-Drive, Rotary Sprinkler Head (Rain Bird® 8005)	141.36	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
<i>For Stainless Steel Riser, Add</i>	9.00	
32 84 23 00-0037 Impact-Drive Sprinkler Heads (32 84 23 00-0001)		
Note: Includes partial or full circle coverage. Maximum spacing is equivalent to maximum radius.		
32 84 23 00-0038 EA 1/2" Inlet, Up To 45' Spacing, Pop-Up, Impact-Drive Rotary Sprinkler Head (Rain Bird® 2045A-08)	75.26	11.84
<i>For Non-Potable Cover, Add</i>	2.00	
32 84 23 00-0039 EA 1/2" Inlet, Up To 45' Spacing, Riser Mounted, Plastic Body, Impact-Drive Sprinkler Head (Rain Bird® 2045-PJ08)	56.81	11.84
32 84 23 00-0040 EA 3/4" Inlet, Up To 51' Spacing, Riser Mounted, Brass/Bronze Body, Impact-Drive Sprinkler Head (Rain Bird® 35A-ADJ-TNTB)	118.27	11.84
32 84 23 00-0041 Electric Remote Control Irrigation Valves (32 84 23)		
32 84 23 00-0042 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® DV Series) (32 84 23 00-0041)		
Note: 15 to 150 PSI.		
32 84 23 00-0043 EA 3/4", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 75DV)	146.57	49.35
32 84 23 00-0044 EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DV)	146.57	49.35
32 84 23 00-0045 EA 1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100DVSS)	160.67	56.25
32 84 23 00-0046 EA 1", 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Angle Valve (Rain Bird® 100DVA)	148.10	49.35
32 84 23 00-0047 0.2 To 22 GPM, Plastic, Electric Remote Control Irrigation Valves With Flow Control (Rain Bird® DVF Series) (32 84 23 00-0041)		
Note: 15 to 150 PSI.		
32 84 23 00-0048 EA 1", 0.2 To 40 GPM, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVF)	148.10	49.35
32 84 23 00-0049 EA 1", 0.2 To 40 GPM, Slip-On, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFSS)	162.97	56.25
32 84 23 00-0050 EA 1", 0.2 To 40 GPM, Male x Barb, Plastic, Electric Remote Control Irrigation Valve With Flow Control (Rain Bird® 100DVFMB)	164.51	56.25
32 84 23 00-0051 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves (Rain Bird® PEB Series) (32 84 23 00-0041)		
Note: 20 to 200 PSI.		
32 84 23 00-0052 EA 1", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 100PEB)	271.09	49.35
32 84 23 00-0053 EA 1-1/2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 150PEB)	324.90	49.35

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0054	EA	2", 0.25 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve (Rain Bird® 200PEB)	394.08	49.35
32 84 23 00-0055		5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® PEB PRS-D Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0056	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100PEB PRS-D)	400.10	55.47
32 84 23 00-0057	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150PEB PRS-D)	453.91	55.47
32 84 23 00-0058	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200PEB PRS-D)	523.09	55.47
32 84 23 00-0059		20 To 200 GPM, Plastic, Electric Remote Control Irrigation Valves With Pressure Regulator And Scrubber Valve (Rain Bird® PESB PRS-D Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0060	EA	1", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 100PESB PRS-D)	476.97	55.47
32 84 23 00-0061	EA	1-1/2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 150PESB PRS-D)	530.78	55.47
32 84 23 00-0062	EA	2", 5 To 200 GPM, Plastic, Electric Remote Control Irrigation Valve With Pressure Regulator And Scrubber Valve (Rain Bird® 200PESB PRS-D)	599.96	55.47
32 84 23 00-0063		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves (Hunter IBV Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure.		
32 84 23 00-0064	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B)	424.13	49.35
32 84 23 00-0065	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-151G-B)	671.51	49.35
32 84 23 00-0066	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B)	693.87	49.35
32 84 23 00-0067	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B)	1,671.43	66.62
32 84 23 00-0068		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Rain Bird® EFB-CP Series) (32 84 23 00-0041) Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0069	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 100EFB-CP)	383.42	55.47
32 84 23 00-0070	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 125EFB- CP)	456.99	55.47
32 84 23 00-0071	EA	1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 150EFB- CP)	536.85	55.47
32 84 23 00-0072	EA	2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Rain Bird® 200EFB-CP)	642.01	55.47
32 84 23 00-0073		0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves (Hunter IBV FS Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0074	EA	1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-101G-B- FS)	521.70	55.47
32 84 23 00-0075	EA	1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-151G- B-FS)	815.19	55.47
32 84 23 00-0076	EA	2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-201G-B- FS)	840.35	55.47
32 84 23 00-0077	EA	3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve (Hunter IBV-301G-B- FS)	1,799.10	55.47
32 84 23 00-0078		0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV ACCU-SYNC Series) (32 84 23 00-0041) Note: 15 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0079	EA	1", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-101G- B ACCU-SYNC-ADJ)	535.94	49.35
32 84 23 00-0080	EA	1-1/2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV- 151G-B ACCU-SYNC-ADJ)	783.31	49.35
32 84 23 00-0081	EA	2", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-201G- B ACCU-SYNC-ADJ)	805.67	49.35
32 84 23 00-0082	EA	3", 0.1 To 300 GPM, Brass, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV-301G- B ACCU-SYNC-ADJ)	1,783.24	66.62
32 84 23 00-0083		5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Rain Bird® EFB-CP PRS-D Series) (32 84 23 00-0041) Note: 15 to 200 PSI operating range pressure and 15 to 100 PSI pressure regulation.		
32 84 23 00-0084	EA	1", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 100EFB-CP PRS-D)	498.73	55.47
32 84 23 00-0085	EA	1-1/4", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 125EFB-CP PRS-D)	572.29	55.47

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0086 EA 1-1/2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 150EFB-CP PRS-D).....	652.16	55.47
32 84 23 00-0087 EA 2", 5 To 200 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Rain Bird® 200EFB-CP PRS-D).....	757.31	55.47
32 84 23 00-0088 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valves With Pressure Regulator (Hunter IBV FS ACCU-SYNC Series) (32 84 23 00-0041) Note: 20 to 200 PSI operating range pressure and 20 to 100 PSI pressure regulation.		
32 84 23 00-0089 EA 1", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-101G-B-FS ACCU-SYNC-ADJ).....	633.50	55.47
32 84 23 00-0090 EA 1-1/2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-151G-B-FS ACCU-SYNC-ADJ).....	927.00	55.47
32 84 23 00-0091 EA 2", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-201G-B-FS ACCU-SYNC-ADJ).....	952.16	55.47
32 84 23 00-0092 EA 3", 0.1 To 300 GPM, Brass, Contamination Proof, Electric Remote Control Irrigation Valve With Pressure Regulator (Hunter IBV-301G-B-FS ACCU-SYNC-ADJ).....	1,910.91	55.47
32 84 23 00-0093 Other Electric Remote Control Valves/Accessories (32 84 23 00-0041)		
32 84 23 00-0094 EA Pressure Regulator Module For Electric Remote Control Valves (Rain Bird® PRS-DIAL).....	154.78	
32 84 23 00-0095 Remote Control Valve Assemblies (32 84 23 00-0041) Note: Includes excavation and disposal of soil, installation of 6" minimum depth gravel or crushed rock, woven wire cloth, valve, fittings, valve box (Carson 1419-12), as detailed in the Caltrans Standard Plans 2010 page 224.		
32 84 23 00-0096 EA 1" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12).....	540.82	123.38
32 84 23 00-0097 EA 1-1/2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12).....	594.62	123.38
32 84 23 00-0098 EA 2" Glass-Filled Nylon Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® PEB) And Box (Carson 1419-12).....	663.81	123.38
32 84 23 00-0099 EA 1" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12).....	617.68	123.38
32 84 23 00-0100 EA 1-1/2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12).....	671.49	123.38
32 84 23 00-0101 EA 2" Glass-Filled Nylon Remote Control Scrubber Valve With Flow Control And Captured Solenoid (Rain Bird® PESB-R) And Box (Carson 1419-12).....	740.67	123.38
32 84 23 00-0102 EA 1" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12).....	639.44	123.38
32 84 23 00-0103 EA 1-1/2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12).....	792.87	123.38
32 84 23 00-0104 EA 2" Brass Remote Control Valve With Flow Control And Captured Solenoid (Rain Bird® EFB-CP-R) And Box (Carson 1419-12).....	898.02	123.38
32 84 23 00-0105 Irrigation Valve Boxes (32 84 23) Note: Includes lid.		
32 84 23 00-0106 EA 6" Round Irrigation Valve Box With Lid (Rain Bird® PVB-6RND).....	84.96	35.53
32 84 23 00-0107 EA 7" Round Irrigation Valve Box With Lid (Rain Bird® VB-7RND).....	103.12	35.53
32 84 23 00-0108 EA 10" Round Irrigation Valve Box With Lid (Rain Bird® VB-10RND).....	135.18	46.78
32 84 23 00-0109 EA 21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-STD).....	224.72	68.30
32 84 23 00-0110 EA 21.8" x 16.6" x 12" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-STDH).....	229.76	68.30
32 84 23 00-0111 EA 26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lid (Rain Bird® VB-JMB).....	265.98	68.30
32 84 23 00-0112 EA 26.3" x 19.8" x 12.1" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-JMBH).....	270.29	68.30
32 84 23 00-0113 EA 33.1" x 23.8" x 15" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-SPRH).....	477.24	68.30
32 84 23 00-0114 EA 40.3" x 27.1" x 18" Depth, Rectangular Irrigation Valve Box With Lock (Rain Bird® VB-MAXH).....	745.28	68.30
32 84 23 00-0115 EA Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Concrete Lid.....	431.75	123.19
For 12" Extension, Add	95.17	
32 84 23 00-0116 EA Number 5 CALTRANS Concrete Valve Box With Non-Traffic Rated Steel Lid.....	695.06	123.19
For 12" Extension, Add	95.17	
32 84 23 00-0117 EA 12" x 17" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1419-12).....	183.80	59.22
32 84 23 00-0118 EA 15" x 21" x 12" Depth, Rectangular Irrigation Valve Box With Lid (Carson 1220-12).....	268.25	68.30
32 84 23 00-0119 EA 10" Round Irrigation Valve Box With Lid (Carson 910-10).....	140.79	46.78
32 84 23 00-0120 Irrigation Controllers (32 84 23) See CSI section 27 15 13 00-0256 for low voltage wiring.		
32 84 23 00-0121 Irrigation Controllers (32 84 23 00-0120)		
32 84 23 00-0122 Irrigation Controllers (Rain Bird®) (32 84 23 00-0121)		
32 84 23 00-0123 Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP Series) (32 84 23 00-0122)		
32 84 23 00-0124 Four Program, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) (32 84 23 00-0123)		

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0125 Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-MEI Series) <small>(32 84 23 00-0124)</small>		
32 84 23 00-0126 EA 4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	414.90	32.88
32 84 23 00-0127 EA 7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	578.64	32.88
32 84 23 00-0128 EA 10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	742.39	32.88
32 84 23 00-0129 EA 13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	906.14	32.88
32 84 23 00-0130 EA 16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,037.01	32.88
32 84 23 00-0131 EA 19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,204.88	32.88
32 84 23 00-0132 EA 22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-MEI Series)	1,372.74	32.88
32 84 23 00-0133 Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-ME Series) <small>(32 84 23 00-0124)</small>		
32 84 23 00-0134 EA 4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	493.53	32.88
32 84 23 00-0135 EA 7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	657.27	32.88
32 84 23 00-0136 EA 10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	821.02	32.88
32 84 23 00-0137 EA 13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	984.77	32.88
32 84 23 00-0138 EA 16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,115.64	32.88
32 84 23 00-0139 EA 19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,283.51	32.88
32 84 23 00-0140 EA 22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-ME Series)	1,451.37	32.88
32 84 23 00-0141 Four Program, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) <small>(32 84 23 00-0123)</small>		
32 84 23 00-0142 Four Program, Indoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTEI Series) <small>(32 84 23 00-0141)</small>		
32 84 23 00-0143 EA 4-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	688.03	32.88
32 84 23 00-0144 EA 7-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	851.77	32.88
32 84 23 00-0145 EA 10-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,015.53	32.88
32 84 23 00-0146 EA 13-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,179.27	32.88
32 84 23 00-0147 EA 16-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,310.15	32.88
32 84 23 00-0148 EA 19-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,478.02	32.88
32 84 23 00-0149 EA 22-Station, Four Program, Indoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTEI Series)	1,645.87	32.88
32 84 23 00-0150 Four Program, Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-SMTE Series) <small>(32 84 23 00-0141)</small>		
32 84 23 00-0151 EA 4-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	746.95	32.88
32 84 23 00-0152 EA 7-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	910.69	32.88
32 84 23 00-0153 EA 10-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,074.45	32.88
32 84 23 00-0154 EA 13-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,238.19	32.88
32 84 23 00-0155 EA 16-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,369.06	32.88
32 84 23 00-0156 EA 19-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,536.94	32.88
32 84 23 00-0157 EA 22-Station, Four Program, Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-SMTE Series)	1,704.79	32.88
32 84 23 00-0158 Accessories For ESP-ME/MEI Irrigation Controllers <small>(32 84 23 00-0123)</small>		
32 84 23 00-0159 EA 3-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM3)	167.86	
Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.		
32 84 23 00-0160 EA 6-Station Expansion Module For ESP Series Irrigation Controllers (Rain Bird® ESP-SM6)	319.32	
Note: Use task for increasing capacity of existing ESP series irrigation controllers up to a maximum of 22-stations.		
32 84 23 00-0161 EA Smart Controller Upgrade Kit For ESP Series Irrigation Controllers (Rain Bird® ESPSMTEUPG)	488.00	
32 84 23 00-0162 Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Series) <small>(32 84 23 00-0122)</small>		
32 84 23 00-0163 Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LX Basic Series) <small>(32 84 23 00-0162)</small>		
32 84 23 00-0164 EA 12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,002.70	32.88
32 84 23 00-0165 EA 16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,210.14	32.88
32 84 23 00-0166 EA 20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,421.40	32.88
32 84 23 00-0167 EA 24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,628.85	32.88
32 84 23 00-0168 EA 28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	1,840.10	32.88
32 84 23 00-0169 EA 32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,047.55	32.88
32 84 23 00-0170 EA 36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,258.81	32.88
32 84 23 00-0171 EA 40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,466.25	32.88
32 84 23 00-0172 EA 44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,677.52	32.88
32 84 23 00-0173 EA 48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LX Basic Series)	2,884.96	32.88
32 84 23 00-0174 Four Program, Indoor/Outdoor Mount, Modular Irrigation Controllers (Rain Bird® ESP-LXME Series) <small>(32 84 23 00-0162)</small>		
32 84 23 00-0175 EA 8-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,024.06	32.88
32 84 23 00-0176 EA 12-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,231.50	32.88
32 84 23 00-0177 EA 16-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series)	1,442.76	32.88

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0178 EA 20-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,650.20	32.88
32 84 23 00-0179 EA 24-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	1,861.47	32.88
32 84 23 00-0180 EA 28-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,068.91	32.88
32 84 23 00-0181 EA 32-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,280.17	32.88
32 84 23 00-0182 EA 36-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,487.62	32.88
32 84 23 00-0183 EA 40-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,698.87	32.88
32 84 23 00-0184 EA 44-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	2,906.33	32.88
32 84 23 00-0185 EA 48-Station, Four Program, Indoor/Outdoor Mount, Modular Irrigation Controller (Rain Bird® ESP-LXME Series).....	3,117.58	32.88
32 84 23 00-0186 Accessories For ESP-LX/LXME Irrigation Controllers (32 84 23 00-0162)		
32 84 23 00-0187 EA Powder Coated Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMM).....	778.13	
32 84 23 00-0188 EA Powder Coated Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMPED + LXMM).....	1,813.68	
Note: Excludes concrete foundation.		
32 84 23 00-0189 EA Stainless Steel Wall Cabinet For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSS).....	1,741.01	
32 84 23 00-0190 EA Stainless Steel Cabinet And Pedestal For ESP-LX/LXME Irrigation Controllers (Rain Bird® LXMMSSPED + LXMMSS).....	3,872.91	
Note: Excludes concrete foundation.		
32 84 23 00-0191 EA 4-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM4).....	207.44	
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.		
32 84 23 00-0192 EA 8-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM8).....	418.71	
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.		
32 84 23 00-0193 EA 12-Station Expansion Module For ESP-LX/LXME Irrigation Controllers (Rain Bird® ESPLXMSM12).....	652.37	
Note: Use task for increasing capacity of existing ESP-LX/LXME irrigation controllers up to a maximum of 48-stations.		
32 84 23 00-0194 EA Flow Smart Water Management Module For ESP-LXME Irrigation Controllers (Rain Bird® FSM-LXME).....	246.90	
32 84 23 00-0195 Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) (32 84 23 00-0122)		
32 84 23 00-0196 Three Program, Battery-Operated, Buriable Irrigation Control Modules (Rain Bird® TBOS-II Series) (32 84 23 00-0195)		
32 84 23 00-0197 EA 1-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	499.05	32.88
32 84 23 00-0198 EA 2-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	598.65	32.88
32 84 23 00-0199 EA 4-Station, Three Program, Battery-Operated, Buriable Irrigation Control Module (Rain Bird® TBOS-II Series).....	733.05	32.88
32 84 23 00-0200 Accessories For TBOS-II Series Irrigation Controllers (32 84 23 00-0195)		
32 84 23 00-0201 EA Field Transmitter For TBOS-II Series Irrigation Controllers (Rain Bird® TBOS2FTUS).....	667.34	
32 84 23 00-0202 EA Potted Latching Solenoid For TBOS-II Series Irrigation Controllers (Rain Bird® TBOSPSOL).....	121.18	24.65
32 84 23 00-0203 Accessories For Irrigation Controllers (Rain Bird®) (32 84 23 00-0122)		
32 84 23 00-0204 EA Wired Rain Sensor For Irrigation Controllers (Rain Bird® RSDBEX).....	161.56	24.65
32 84 23 00-0205 EA Wireless Rain Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RC).....	341.71	24.65
32 84 23 00-0206 EA Wireless Rain/Freeze Sensor And Controller Interface For Irrigation Controllers (Rain Bird® WR2RFC).....	364.59	24.65
32 84 23 00-0207 EA Soil Moisture Sensor And Controller Interface For Irrigation Controllers (Rain Bird® SMRT-Y).....	562.89	24.65
32 84 23 00-0208 Two-Wire Decoder Systems (32 84 23 00-0120)		
32 84 23 00-0209 Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0208)		
32 84 23 00-0210 Controllers For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series) (32 84 23 00-0209)		
Note: Includes water resistant cabinet.		
32 84 23 00-0211 EA 50-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	3,007.05	32.88
32 84 23 00-0212 EA 125-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	4,173.50	32.88
32 84 23 00-0213 EA 200-Station, Modular Controller For Two-Wire Decoder Systems (Rain Bird® ESP-LXD Series).....	5,339.95	32.88
32 84 23 00-0214 Field Decoders For Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0209)		
32 84 23 00-0215 EA One Individual Valve Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD101TURF).....	360.88	32.88
32 84 23 00-0216 EA One Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD102TURF).....	461.23	32.88
32 84 23 00-0217 EA Two Pair Of Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD202TURF).....	695.04	32.88
32 84 23 00-0218 EA Up To Four Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD401TURF).....	856.69	32.88
32 84 23 00-0219 EA Up To Six Individual Valves Interface, Field Decoder For Two-Wire Decoder System (Rain Bird® FD601TURF).....	1,434.46	32.88
32 84 23 00-0220 Accessories For Two-Wire Decoder Systems (Rain Bird®) (32 84 23 00-0209)		
32 84 23 00-0221 EA 50-Station Replacement Base Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® MOD50-LXD).....	2,214.12	
32 84 23 00-0222 EA 75-Station Expansion Module For ESP-LXD Series Two Wire Decoder Based Controllers (Rain Bird® SPLXDSM75).....	1,166.45	
32 84 23 00-0223 EA Line Surge Protection For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® LSP1TURF).....	271.68	28.77
32 84 23 00-0224 EA Sensor Decoder Interface For ESP-LXD Series Two-Wire Decoder Systems (Rain Bird® SD210TURF).....	1,292.94	32.88
32 84 23 00-0225 Rain Bird® Controllers (32 84 23 00-0120)		

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0226	EA		Rainmaster Evolution Dx2 Controller Note: Includes phone modem and remote plug.	7,402.54	303.99
32 84 23 00-0227	EA		Rainmaster Promax Remote Control System	4,383.89	
32 84 23 00-0228			Rain Sensor (32 84 23 00-0120)		
32 84 23 00-0229	EA		Mini Click Rain Sensor.....	163.26	
32 84 23 00-0230			Calsense Controllers (32 84 23 00-0120)		
32 84 23 00-0231			Irrigation Controllers (32 84 23 00-0230)		
32 84 23 00-0232	EA		6 Station ET-Driven Irrigation Controller (Calsense ET2000E-6).....	2,726.04	82.19
32 84 23 00-0233	EA		8 Station ET-Driven Irrigation Controller (Calsense ET2000E-8).....	3,521.04	92.47
32 84 23 00-0234	EA		12 Station ET-Driven Irrigation Controller (Calsense ET2000E-12).....	4,840.29	102.74
32 84 23 00-0235	EA		16 Station ET-Driven Irrigation Controller (Calsense ET2000E-16).....	5,328.79	102.74
32 84 23 00-0236	EA		24 Station ET-Driven Irrigation Controller (Calsense ET2000E-24).....	6,302.50	113.02
32 84 23 00-0237	EA		32 Station ET-Driven Irrigation Controller (Calsense ET2000E-32).....	7,613.11	113.02
32 84 23 00-0238	EA		40 Station ET-Driven Irrigation Controller (Calsense ET2000E-40).....	8,622.59	123.29
32 84 23 00-0239	EA		48 Station ET-Driven Irrigation Controller (Calsense ET2000E-48).....	9,659.16	123.29
32 84 23 00-0240	EA		Upgrade Existing Calsense Controller To ET2000E (Calsense ET2000E-UPGRADE)	2,790.07	41.10
32 84 23 00-0241	EA		Upgrade Existing Calsense Controller With 8 Additional Stations (Calsense STATION UPGRADE)	1,165.34	41.10
32 84 23 00-0242			Irrigation Controller Accessories (32 84 23 00-0230)		
32 84 23 00-0243	EA		Set Of 10 Keys For Calsense Controllers Or Enclosures (Calsense KEY-1).....	114.38	
32 84 23 00-0244	EA		Spare Lock For Enclosures (Calsense PAD).....	123.91	
32 84 23 00-0245	EA		Hardware And Software For Up To 4 Additional Light Circuits (Calsense L).....	144.46	10.28
32 84 23 00-0246	EA		Transformer For Irrigation Controllers (Calsense TR-1).....	201.34	41.10
32 84 23 00-0247	EA		AC Line Protection For Irrigation Controllers (Calsense TP-110)	570.69	41.10
32 84 23 00-0248	EA		Transient Protection Board For Irrigation Controller Stations (Calsense TP-1)..... <i>For Outdoor Gray Powder Coated Stainless Steel Enclosure, Add</i>	761.33 351.38	41.10
32 84 23 00-0249			Sensors For Irrigation Controllers (32 84 23 00-0230)		
32 84 23 00-0250			Flow Sensors (32 84 23 00-0249)		
32 84 23 00-0251	EA		1-1/2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 1.5)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,338.58 -961.38	61.65
32 84 23 00-0252	EA		2" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 2)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,386.24 -1,009.04	61.65
32 84 23 00-0253	EA		3" Polyvinyl Chloride (PVC) Schedule 80 Tee Mounted Flow Meter (Calsense FM 3)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,433.90 -1,056.70	61.65
32 84 23 00-0254	EA		1" Brass Tee Mounted Flow Meter (Calsense FM 1B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,582.23 -1,204.72	82.19
32 84 23 00-0255	EA		1-1/4" Brass Tee Mounted Flow Meter (Calsense FM 1.25B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,701.38 -1,323.87	82.19
32 84 23 00-0256	EA		1-1/2" Brass Tee Mounted Flow Meter (Calsense FM 1.5B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,749.04 -1,371.53	82.19
32 84 23 00-0257	EA		2" Brass Tee Mounted Flow Meter (Calsense FM 2B)..... <i>For Flow Meter Replacement Insert Only, Deduct</i>	2,058.82 -1,553.13	82.19
32 84 23 00-0258	EA		2" Pipe Saddle Mounted Insertion Flow Meter (Calsense FMBX)..... Note: For 4" and larger pipe. Excludes pipe saddle. <i>For Flow Meter Replacement Insert Only, Deduct</i>	1,607.27 -1,101.58	41.10
32 84 23 00-0259			Moisture Sensors (32 84 23 00-0249)		
32 84 23 00-0260	EA		Soil Moisture Sensor (Calsense 1000-S).....	562.07	30.83
32 84 23 00-0261			Weather Sensors (32 84 23 00-0249)		
32 84 23 00-0262	EA		Wind Gage, Irrigation Weather Sensor (Calsense WG-1).....	1,534.57	82.19
32 84 23 00-0263	EA		Tipping Rain Bucket, Irrigation Weather Sensor (Calsense RB-1).....	1,746.63	164.39
32 84 23 00-0264	EA		ET Gage, Irrigation Weather Sensor (Calsense ETG).....	3,523.12	123.29
32 84 23 00-0265			Weather Sensor Accessories (32 84 23 00-0249)		
32 84 23 00-0266	EA		Ceramic Cup For ET Gage Weather Sensor (Calsense ETG-C).....	1,035.36	
32 84 23 00-0267	EA		Removal And Replacement Of Circuit Board For ET Gage Weather Sensor (Calsense ETG-PCB)	1,964.70	
32 84 23 00-0268	EA		Vandal Resistant Mounting Base For ET Gage Enclosure (Calsense ETGE-BASE).....	1,035.36	41.10
32 84 23 00-0269	EA		Vandal Resistant Stainless Steel Enclosure For ET Gage (Calsense ETGE).....	2,412.12	41.10
32 84 23 00-0270			Antennas For Irrigation Controllers (32 84 23 00-0230) Note: Excludes antenna cable.		
32 84 23 00-0271	EA		Local Radio Dome Antenna (Calsense LR-DOME)	534.95	41.10
32 84 23 00-0272	EA		Local Radio Stick Antenna (Calsense LR-STICK)	785.15	41.10
32 84 23 00-0273	EA		Local Radio Yagi Antenna (Calsense LR-YAGI).....	867.35	82.19
32 84 23 00-0274	EA		Local Radio And Calsense Radio, Remote Dome Antenna (Calsense LR-DOME-RR).....	534.95	41.10
32 84 23 00-0275	EA		Local Radio And Calsense Radio, Enhanced Remote Dome Antenna (Calsense LR-DOME-RRE)	534.95	41.10
32 84 23 00-0276	EA		GPRS Stubby Antenna (Calsense GR-STUBBY).....	534.95	41.10
32 84 23 00-0277	EA		GPRS Stick Antenna (Calsense GR-STICK)	785.15	41.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0278 EA Spread Spectrum Dome Antenna (Calsense SR-DOME).....	534.95	41.10
32 84 23 00-0279 EA Spread Spectrum Stick Antenna (Calsense SR-STICK).....	785.15	41.10
32 84 23 00-0280 EA Spread Spectrum Yagi Antenna (Calsense SR-YAGI).....	867.35	82.19
32 84 23 00-0281 EA Spread Spectrum And Calsense Radio, Remote Dome Antenna (Calsense SR-DOME-RR).....	534.95	41.10
32 84 23 00-0282 EA Spread Spectrum And Calsense Radio, Enhanced Remote Dome Antenna (Calsense SR-DOME-RRE).....	534.95	41.10
32 84 23 00-0283 EA Spread Spectrum Stubby Antenna (Calsense SR-STUBBY).....	534.95	41.10
32 84 23 00-0284 EA WiFi Stubby Antenna (Calsense WEN-STUBBY).....	534.95	41.10
32 84 23 00-0285 LF Antenna Cable With End Connectors (Calsense LMR-400-DB).....	14.80	0.49
32 84 23 00-0286 EA Surge Protection Device For Antenna (Calsense ANT-PROT).....	541.52	20.55
32 84 23 00-0287 EA 5' High, Non-Penetrating, Antenna Tripod Mount (Calsense ANT-TRIP5).....	880.47	41.10
32 84 23 00-0288 EA 3' Antenna Stand Off Mount For 3" Maximum Tower Leg (Calsense ANT-SOM).....	774.45	
32 84 23 00-0289 EA Local Radio Frequency Filter (Calsense LR-FILTER).....	1,096.15	
32 84 23 00-0290 EA Spread Spectrum Frequency Filter (Calsense SR-FILTER).....	810.20	
32 84 23 00-0291 Pedestals And Enclosures For Irrigation Controllers (32 84 23 00-0230)		
32 84 23 00-0292 EA 15 Amperes, Circuit Breaker With Enclosure For Irrigation Controllers (Calsense SSE-BREAKER).....	480.73	61.65
32 84 23 00-0293 EA Standard Gray Powder Coated Stainless Steel Controller Enclosure (Calsense C-BOX).....	1,180.33	102.74
32 84 23 00-0294 EA Indoor Wall Mount, Stainless Steel Back Panel (Calsense SSBP).....	1,333.23	41.10
Note: Includes GFI and receptacle.		
32 84 23 00-0295 EA Standard Gray Powder Coated Stainless Steel Pedestal (Calsense PD-1).....	1,598.64	30.83
Note: Includes factory installed transient protection board and AC line protection.		
32 84 23 00-0296 EA Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE).....	5,031.68	30.83
Note: Includes factory installed transient protection board and AC line protection.		
32 84 23 00-0297 EA Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-R).....	5,685.36	30.83
Note: Includes factory installed transient protection board, AC line protection and dome antenna.		
32 84 23 00-0298 EA Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D).....	8,243.67	61.65
Note: Includes factory installed transient protection boards and AC line protection. Pre-wired for two controllers.		
32 84 23 00-0299 EA Double-Wide Heavy-Duty Stainless Steel Enclosure For Irrigation Controllers (Calsense SSE-D-R).....	8,641.72	61.65
Note: Includes factory installed transient protection boards, AC line protection and dome antenna. Pre-wired for two controllers.		
32 84 23 00-0300 EA Bolt Mounting Template For Heavy-Duty Stainless Steel Enclosures (Calsense SSE-CAM).....	280.51	
32 84 23 00-0301 EA Stainless Steel Fully Enclosed Riser For Calsense SSE Enclosures (Calsense SSE-PED).....	907.59	
32 84 23 00-0302 Central Computer For Irrigation Control Systems (32 84 23 00-0230)		
32 84 23 00-0303 EA Central Computer For Irrigation Control Systems (Calsense COMP-2).....	6,342.80	
Note: Includes a minimum of 133 MHz Pentium, 32 Meg Ram, 1.2 GB hard drive, 14.4 modem and a printer. Excludes Command Center Water Management software.		
32 84 23 00-0304 EA Command Center Water Management Software For Central Computer (Calsense COMM-1).....	11,238.63	
32 84 23 00-0305 EA Up To 5 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-5).....	2,153.24	
Note: Package price for up to 5 users. Includes remote communication through internet connection.		
32 84 23 00-0306 EA >5 To 10 Simultaneous Users Capacity, Calsense Advantage Client/Server Database Add-On (Calsense CS-10).....	4,248.93	
Note: Package price for 6 to 10 users. Includes remote communication through internet connection.		
32 84 23 00-0307 EA Data Logger With Phone Modem For Irrigation Control Systems (Calsense DL-2).....	6,844.39	
32 84 23 00-0308 EA GPRS Radio For Use At Central Computer (Calsense DTR-G).....	4,094.31	
32 84 23 00-0309 Data Access Service (32 84 23 00-0230)		
32 84 23 00-0310 EA 1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN).....	34.66	
Note: For communication between GPRS unit and up to 2 controllers.		
32 84 23 00-0311 EA 1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR).....	379.10	
Note: For communication between GPRS unit and up to 2 controllers.		
32 84 23 00-0312 EA 5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR).....	1,624.72	
Note: For communication between GPRS unit and up to 2 controllers.		
32 84 23 00-0313 EA 1 Month, Data Access Plan For Up To 2 Controllers (Calsense COMM-1MN-M).....	140.81	
Note: For communication between GPRS unit and multiple controllers.		
32 84 23 00-0314 EA 1 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-1YR-M).....	1,516.41	
Note: For communication between GPRS unit and multiple controllers.		
32 84 23 00-0315 EA 5 Year, Data Access Plan For Up To 2 Controllers (Calsense COMM-5YR-M).....	6,498.90	
Note: For communication between GPRS unit and multiple controllers.		
32 84 23 00-0316 Communication Options For Irrigation Controllers (32 84 23 00-0230)		
32 84 23 00-0317 EA FCC License Fee (Calsense).....	225.24	
32 84 23 00-0318 EA P.C.I.A. And/Or A.P.C.O. Fee (Calsense).....	441.87	
Note: Per frequency or frequency pair.		
32 84 23 00-0319 EA Hardware Communication Option For Irrigation Controllers (Calsense M).....	1,256.45	
Note: Allows multiple controllers to be chained together via a communications cable and share one phone line.		
32 84 23 00-0320 EA Phone Line Communication Option For Irrigation Controllers (Calsense R).....	1,321.44	
32 84 23 00-0321 EA Ethernet Communication Option For Irrigation Controllers (Calsense EN).....	1,321.44	
32 84 23 00-0322 EA WiFi Communication Option For Irrigation Controllers (Calsense WEN).....	2,707.88	
32 84 23 00-0323 EA Local Radio Communication Option For Irrigation Controllers (Calsense LR).....	3,444.42	
32 84 23 00-0324 EA Spread Spectrum Radio Communication Option For Irrigation Controllers (Calsense SR).....	3,444.42	
32 84 23 00-0325 EA GPRS Radio Modem Communication Option For Irrigation Controllers (Calsense GR).....	3,444.42	
32 84 23 00-0326 EA Fiber Optic Modem Communication Option For Irrigation Controllers (Calsense FOM).....	11,048.13	
32 84 23 00-0327 EA Communication Hub For Irrigation Controllers (Calsense HUB).....	4,249.14	
Note: Accepts up to two communication options. Excludes communication options.		
32 84 23 00-0328 Retrofit Options For Irrigation Controllers (32 84 23 00-0230)		
32 84 23 00-0329 Weather Retrofits For Irrigation Controllers (32 84 23 00-0328)		

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0330	EA	Add One Flow Sensor Interface To An Existing Calsense Controller (Calsense F-RETRO)	1,674.42	
32 84 23 00-0331	EA	Add One ET Gage Interface To An Existing Calsense Controller (Calsense G-RETRO)	1,674.42	
32 84 23 00-0332	EA	Add One Tipping Rain Bucket Interface To An Existing Calsense Controller (Calsense RB-RETRO)	1,674.42	
32 84 23 00-0333	EA	Add One Wind Gage Interface To An Existing Calsense Controller (Calsense WG-RETRO)	1,674.42	
32 84 23 00-0334		Phone Communication Retrofits For Irrigation Controllers <small>(32 84 23 00-0328)</small>		
32 84 23 00-0335	EA	Add The Ability To Chain To Another Calsense Controller With The Phone Line Communication Option And Share One Phone Line (Calsense M-RETRO)	1,761.07	
32 84 23 00-0336	EA	Add The Phone Line Communication Option To An Existing Calsense Controller (Calsense R-RETRO)	2,086.02	
32 84 23 00-0337	EA	Add The Phone Line Communication Option And The Ability To Chain To Another Calsense Controller And Share One Phone Line (Calsense MLR-RETRO)	3,353.30	
32 84 23 00-0338		Local Radio Communication Retrofits For Irrigation Controllers <small>(32 84 23 00-0328)</small>		
32 84 23 00-0339	EA	Add The Ability To Chain To Another Calsense Controller With The Local Radio Communication Option And Share One Local Radio (Calsense ML-RETRO)	1,977.70	
32 84 23 00-0340	EA	Add The Local Radio Communication Option To An Existing Calsense Controller (Calsense LR-RETRO)	4,187.33	
32 84 23 00-0341	EA	Add The Local Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Local Radio (Calsense MLR-RETRO)	5,443.78	
32 84 23 00-0342		Spread Spectrum Radio Communication Retrofits For Irrigation Controllers <small>(32 84 23 00-0328)</small>		
32 84 23 00-0343	EA	Add The Ability To Chain To Another Calsense Controller With The Spread Spectrum Radio Communication Option And Share One Spread Spectrum Radio (Calsense MS-Retro)	1,977.70	
32 84 23 00-0344	EA	Add The Spread Spectrum Radio Communication Option To An Existing Calsense Controller (Calsense SR-RETRO)	4,187.33	
32 84 23 00-0345	EA	Add The Spread Spectrum Radio Communication Option And The Ability To Chain To Another Calsense Controller And Share One Spread Spectrum Radio (Calsense MSR-RETRO)	5,443.78	
32 84 23 00-0346		Ethernet Communication Retrofits For Irrigation Controllers <small>(32 84 23 00-0328)</small>		
32 84 23 00-0347	EA	Add The Ability To Chain To Another Calsense Controller With The Ethernet Communication Option And Share One Ethernet Device (Calsense ME-Retro)	1,977.70	
32 84 23 00-0348	EA	Add The Ethernet Communication Option To An Existing Calsense Controller (Calsense EN-RETRO)	2,086.02	
32 84 23 00-0349	EA	Add The Ethernet Communication Option And The Ability To Chain To Another Calsense Controller And Share One Ethernet Device (Calsense MEN-RETRO)	3,353.30	
32 84 23 00-0350		GPRS Radio Modem Communication Retrofits For Irrigation Controllers <small>(32 84 23 00-0328)</small>		
32 84 23 00-0351	EA	Add The Ability To Chain To Another Calsense Controller With The GPRS Communication Option And Share One GPRS Modem (Calsense MG-RETRO)	1,977.70	
32 84 23 00-0352	EA	Add The GPRS Communication Option To An Existing Calsense Controller (Calsense GR-RETRO)	4,187.33	
32 84 23 00-0353	EA	Add The GPRS Communication Option And The Ability To Chain To Another Calsense Controller And Share One GPRS Modem (Calsense MGR-RETRO)	5,443.78	
32 84 23 00-0354		Radio Remote Units For Irrigation Controllers <small>(32 84 23 00-0230)</small>		
32 84 23 00-0355	EA	Enhanced Radio Remote Hand-Held Transmitter With Carry Case (Calsense RRe-TRAN)	1,988.53	
32 84 23 00-0356	EA	Calsense Integrated Radio Remote Receiver Board (Calsense RR/RRe)	428.93	
		Note: Includes polyvinyl chloride (PVC) stick antenna. Excludes antenna cable.		
32 84 23 00-0357	EA	Wall Mount Charger For Hand-Held Transmitter (Calsense RRTRAN-CHG)	184.14	
32 84 23 00-0358	EA	Removal And Replacement Of Battery For Hand-Held Transmitter (Calsense RRTRAN-BAT)	323.83	
32 84 23 00-0359	EA	Polyvinyl Chloride (PVC) Stick Antenna For Radio Remote Receiver Board (Calsense RR-ANT)	204.69	10.28
		Note: Excludes antenna cable.		
32 84 23 00-0360	EA	Whip Antenna For Radio Remote Receiver Board (Calsense RRe-WHIP)	399.65	10.28
		Note: Excludes antenna cable.		
32 84 23 00-0361	EA	Dome Antenna For Radio Remote Receiver Board (Calsense RR-Dome/RRe-Dome)	432.15	10.28
		Note: Excludes antenna cable.		
32 84 23 00-0362		Hydro-Safe WeatherTrak Controllers <small>(32 84 23 00-0120)</small>		
32 84 23 00-0363		Front Entry Pedestal Irrigation Controllers <small>(32 84 23 00-0362)</small>		
		Note: HydroPoint WeatherTrak ETPro2 Commercial controller assembly in StrongBox SB-18SS enclosure.		
32 84 23 00-0364	EA	12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC12S)	8,512.30	102.74
32 84 23 00-0365	EA	18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC18S)	9,063.03	102.74
32 84 23 00-0366	EA	24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC24S)	9,634.30	113.02
32 84 23 00-0367	EA	30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC30S)	10,299.76	113.02
32 84 23 00-0368	EA	36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC36S)	10,850.49	113.02
32 84 23 00-0369	EA	42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC42S)	11,398.83	123.29
32 84 23 00-0370	EA	48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS1-WTPRO2SC48S)	11,949.56	123.29
32 84 23 00-0371		Back-to-Back Dual Irrigation Controllers <small>(32 84 23 00-0362)</small>		
		Note: HydroPoint WeatherTrak ETPro2 Dual back-to-back controller assembly in StrongBox SB-18DSS enclosure.		
32 84 23 00-0372	EA	12+18 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1218S)	15,735.81	123.29
32 84 23 00-0373	EA	12+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1224S)	16,263.60	123.29
32 84 23 00-0374	EA	12+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1236S)	17,443.83	139.73
32 84 23 00-0375	EA	12+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1242S)	18,063.39	139.73
32 84 23 00-0376	EA	18+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1824S)	16,814.32	123.29

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0377 EA 18+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1836S) ...	18,063.39	139.73
32 84 23 00-0378 EA 18+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC1842S) ...	18,614.12	139.73
32 84 23 00-0379 EA 24+24 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2424S) ...	17,397.93	139.73
32 84 23 00-0380 EA 24+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2436S) ...	18,614.12	139.73
32 84 23 00-0381 EA 24+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC2442S) ...	19,174.78	156.18
32 84 23 00-0382 EA 36+36 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC3636S) ...	19,863.19	156.18
32 84 23 00-0383 EA 36+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC3642S) ...	20,390.97	156.18
32 84 23 00-0384 EA 42+42 Back-to-back Dual Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS5-WTPRO2SC4242S) ...	20,974.57	172.61
32 84 23 00-0385 Wall Mount/Retrofit Mount Irrigation Controllers <small>(32 84 23 00-0382)</small>		
Note: HydroPoint WeatherTrak ETPro2 wall mount / retrofit controller assembly.		
32 84 23 00-0386 EA 12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC12S).....	5,184.99	102.74
32 84 23 00-0387 EA 18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC18S).....	5,643.93	102.74
32 84 23 00-0388 EA 24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC24S).....	6,215.20	113.02
32 84 23 00-0389 EA 30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC30S).....	6,880.66	113.02
32 84 23 00-0390 EA 36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC36S).....	7,431.39	113.02
32 84 23 00-0391 EA 42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS718-WTPRO2SC42S).....	8,002.68	123.29
32 84 23 00-0392 Top Mount Irrigation Controllers <small>(32 84 23 00-0362)</small>		
Note: HydroPoint WeatherTrak ETPro2 stainless steel top mount controller assembly.		
32 84 23 00-0393 EA 12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC12S).....	9,063.03	102.74
32 84 23 00-0394 EA 18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC18S).....	9,613.76	102.74
32 84 23 00-0395 EA 24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC24S).....	10,207.97	113.02
32 84 23 00-0396 EA 30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC30S).....	10,850.49	113.02
32 84 23 00-0397 EA 36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC36S).....	11,401.22	113.02
32 84 23 00-0398 EA 42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC42S).....	11,972.51	123.29
32 84 23 00-0399 EA 48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS16-WTPRO2SC48S).....	12,500.29	123.29
32 84 23 00-0400 Wall Mount Irrigation Controllers <small>(32 84 23 00-0362)</small>		
Note: HydroPoint WeatherTrak ETPro2 stainless steel wall mount controller assembly.		
32 84 23 00-0401 EA 12 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC12S).....	6,699.49	102.74
32 84 23 00-0402 EA 18 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC18S).....	7,250.22	102.74
32 84 23 00-0403 EA 24 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC24S).....	7,821.49	113.02
32 84 23 00-0404 EA 30 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC30S).....	8,486.95	113.02
32 84 23 00-0405 EA 36 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC36S).....	9,037.68	113.02
32 84 23 00-0406 EA 42 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC42S).....	9,608.97	123.29
32 84 23 00-0407 EA 48 Station Irrigation Controller (HydroPoint WeatherTrak ETPro2 HS7-WTPRO2SC48S).....	10,136.75	123.29
32 84 23 00-0408 Accessories <small>(32 84 23 00-0362)</small>		
32 84 23 00-0409 EA WeatherTRAK Central Internet Management Upgrade (HydroPoint WTEXB-PRO2-CIM).....	2,494.13	
32 84 23 00-0410 EA Central Pancake Antenna (HydroPoint ANT-GRPS-PC).....	381.30	
32 84 23 00-0411 EA Central Antenna Amplifier Kit (HydroPoint ANT-AMP-C-Kit).....	3,136.65	
32 84 23 00-0412 EA Central Antenna Amplifier Kit With YAGI Antenna (HydroPoint ANT-AMP-C-Yagi-Kit).....	4,111.90	
32 84 23 00-0413 EA 6-Station Key - ET PRO2 Smart Water Manager Series (HydroPoint WTPRO2S-6STA-KEY).....	776.36	
32 84 23 00-0414 EA 24-Station Output Board - ET PRO2 Smart Water Manager Series (HydroPoint WTPRO2S-STA-EXT-BRD).....	1,140.26	
32 84 23 00-0415 Satellite Irrigation Controllers (Rain Bird® ESP-SAT) <small>(32 84 23 00-0120)</small>		
Note: Satellite controllers compatible with Maxi-Con Central Control. Includes link communication with SEMET at the controller and stainless steel cabinet. Excludes concrete pad.		
32 84 23 00-0416 EA 12 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP12SATLS).....	4,636.91	184.94
32 84 23 00-0417 EA 24 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP24SATLS).....	4,889.98	195.22
32 84 23 00-0418 EA 40 Station, Satellite Irrigation Controller With Stainless Steel Cabinet (Rain Bird® RBESP40SATLS).....	6,812.18	205.49
32 84 23 00-0419 LEIT Controllers <small>(32 84 23 00-0120)</small>		
32 84 23 00-0420 LEIT X Series Irrigation Controller <small>(32 84 23 00-0419)</small>		
32 84 23 00-0421 EA 10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series).....	4,371.41	32.88
32 84 23 00-0422 EA 12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series).....	4,797.87	32.88
32 84 23 00-0423 EA 16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series).....	5,486.86	32.88
32 84 23 00-0424 EA 20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series).....	6,175.87	32.88
32 84 23 00-0425 EA 24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series).....	6,659.86	32.88
32 84 23 00-0426 EA 28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series).....	7,143.85	32.88
32 84 23 00-0427 LEIT X Series Irrigation Controller Assembly <small>(32 84 23 00-0419)</small>		
Note: Includes excavation and concrete for footing, 2" diameter galvanized steel pole (minimum 18" bury), 2" sweeps, controller, and number 5 concrete box with non-traffic rated lid per detail.		
32 84 23 00-0428 EA 10 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole.....	4,911.85	171.59
32 84 23 00-0429 EA 12 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole.....	5,338.30	171.59
32 84 23 00-0430 EA 16 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole.....	6,027.31	171.59
32 84 23 00-0431 EA 20 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole.....	6,716.30	171.59
32 84 23 00-0432 EA 24 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole.....	7,200.29	171.59
32 84 23 00-0433 EA 28 Station, Four Program Ambient Light Irrigation Controller (LEIT X Series) Assembly Mounted On Pole.....	7,684.30	171.59
32 84 23 00-0434 Enclosure For LEIT Controller Assembly <small>(32 84 23 00-0419)</small>		
Note: Includes mounting bolts to concrete foundation and installation of enclosure per detail.		

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0435 EA 12" x 12" x 54" Milled Steel, #9 Expanded Metal, Painted Per Detail, Enclosure With Access Hatch..... Note: For LEIT Controller	3,334.01	234.79
32 84 23 00-0436 Hunter Controllers (32 84 23 00-0120)		
32 84 23 00-0437 Hunter XC Hybrid Controller (32 84 23 00-0436) Note: Operates DC latching solenoids with battery power or a plug in 24 VAC transformer. Includes 6 AA batteries, outdoor stainless steel enclosure and installation of controller in Irrigation Controller Enclosure.		
32 84 23 00-0438 EA 6 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-600-SS).....	707.57	82.19
32 84 23 00-0439 EA 12 Station Hybrid Irrigation Controller With Stainless Steel Enclosure (Hunter XCH-1200-SS).....	900.81	102.74
32 84 23 00-0440 DC Latching Solenoid (32 84 23 00-0120)		
32 84 23 00-0441 EA DC Latching Solenoid (Micro Power Solenoid) For Non-LEIT Controllers Note: As per manufacture of valve.	38.21	
32 84 23 00-0442 EA DC Solenoid For LEIT Controllers (DIG S-305DC).....	61.29	
32 84 23 00-0443 Irrigation Controller Enclosure Cabinet (32 84 23 00-0120) Note: Includes excavation, installation of concrete foundation, mounting bolts, sweeps, number 5 concrete pull box with non-traffic rated lid and installation of enclosure per detail.		
32 84 23 00-0444 EA 35" (H) x 18" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan).....	3,118.84	451.71
32 84 23 00-0445 EA 35" (H) x 24" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan).....	3,363.12	492.78
32 84 23 00-0446 EA 35" (H) x 36" (W) x 12" (D), 12 Gauge Cold Rolled Steel Irrigation Controller Enclosure Cabinet, Powdercoated (Tan).....	3,718.44	533.83
32 84 23 00-0447 EA 35" (H) x 18" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Irrigation Controller Enclosure Cabinet, 32 84 23 00-0448 EA 35" (H) x 24" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet.....	3,118.86	451.71
32 84 23 00-0449 EA 35" (H) x 36" (W) x 12" (D), 0.125" 5052-H-32 Aluminum Steel Irrigation Controller Enclosure Cabinet.....	3,718.44	533.83
32 84 23 00-0450 EA 35" (H) x 18" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet.....	3,903.58	451.71
32 84 23 00-0451 EA 35" (H) x 24" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet.....	4,245.93	492.78
32 84 23 00-0452 EA 35" (H) x 36" (W) x 12" (D), Type 304 Stainless Steel Irrigation Controller Enclosure Cabinet.....	4,601.25	533.83
32 84 23 00-0453 Irrigation Valves (32 84 23)		
32 84 23 00-0454 Reduced Pressure Zone Valves With QT Shut-Offs (32 84 23 00-0453) Note: Includes ball type test cocks, two quarter-turn (QT) full port resilient seated bronze body ball valves, and captured spring assemblies (Watts 009 QT series).		
32 84 23 00-0455 EA 3/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M3 QT series).....	827.25	40.72
32 84 23 00-0456 EA 1" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	981.05	49.73
32 84 23 00-0457 EA 1-1/4" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,488.63	57.87
32 84 23 00-0458 EA 1-1/2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,572.20	66.45
32 84 23 00-0459 EA 2" Threaded Reduced Pressure Zone Assembly With Quarter Turn Shut-offs (Watts 009M2 QT series).....	1,884.16	85.73
32 84 23 00-0460 Brass Quick-Coupling Irrigation Valves (32 84 23 00-0453)		
32 84 23 00-0461 EA 3/4", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 3RC)..... For Valve Key, Add	177.34	35.53
32 84 23 00-0462 EA 3/4", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 33DRC)..... For Locking Cover, Add	183.87	35.53
32 84 23 00-0463 EA 1", 1-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44RC)..... For Valve Key, Add	255.75	35.53
32 84 23 00-0464 EA 1", 2-Piece Brass Body, Quick-Coupling Irrigation Valve (Rain Bird® 44LRC)..... For Valve Key, Add	281.88	35.53
32 84 23 00-0465 EA 1", 1-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 5NP).....	269.58	35.53
32 84 23 00-0466 EA 1", 2-Piece Brass Body, Non-Potable (Purple) Quick-Coupling Irrigation Valve (Rain Bird® 44NP).....	281.88	35.53
32 84 23 00-0467 Anti-Siphon Pressure Type Vacuum Breaker (32 84 23 00-0453) Note: Pressure: 15 to 150 PSI, temperature: 33 to 140 degrees Fahrenheit.		
32 84 23 00-0468 EA 3/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	285.51	30.01
32 84 23 00-0469 EA 1" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	411.28	34.29
32 84 23 00-0470 EA 1-1/4" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	751.50	39.65
32 84 23 00-0471 EA 1-1/2" Anti-Siphon Pressure Type Vacuum Breaker (Watts 800M4QT).....	915.80	43.94
32 84 23 00-0472 EA 2" Anti-Siphon Pressure Type Vacuum Breaker.....	921.64	53.59
32 84 23 00-0473 Aluminum Cam And Groove Adapter (32 84 23 00-0453)		
32 84 23 00-0474 EA 1-1/2" Type A Aluminum Cam And Groove Male Adapter x 1-1/2" NPT Female Pipe Thread.....	39.17	
32 84 23 00-0475 EA 2" Type A Aluminum Cam And Groove Male Adapter x 2" NPT Female Pipe Thread.....	41.39	
32 84 23 00-0476 EA 1-1/2" Type F Aluminum Cam And Groove Male Adapter x 1-1/2" NPT Male Pipe Thread.....	40.40	
32 84 23 00-0477 EA 2" Type F Aluminum Cam And Groove Male Adapter x 2" NPT Male Pipe Thread.....	43.71	
32 84 23 00-0478 Manual Sprinkler Control Valves (32 84 23 00-0453)		
32 84 23 00-0479 EA 3/4" Manual Sprinkler Control Valves, With Union.....	95.94	28.93
32 84 23 00-0480 EA 1" Manual Sprinkler Control Valves, With Union.....	116.98	31.08
32 84 23 00-0481 EA 1-1/4" Manual Sprinkler Control Valves, With Union.....	181.22	39.33
32 84 23 00-0482 EA 1-1/2" Manual Sprinkler Control Valves, With Union.....	215.10	45.34

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0483 EA 2" Manual Sprinkler Control Valves, With Union.....	290.14	53.59
32 84 23 00-0484 Irrigation Piping (32 84 23)		
32 84 23 00-0485 Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0484) Note: Install stabilizers every 20', at change of direction and at sprinkler heads less than 12" tall.		
32 84 23 00-0486 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0485)		
32 84 23 00-0487 LF 1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.61 -0.18	0.99
32 84 23 00-0488 LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	4.44 -0.22	1.23
32 84 23 00-0489 LF 1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	5.55 -0.28	1.48
32 84 23 00-0490 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	7.55 -0.38	1.87
32 84 23 00-0491 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	9.63 -0.48	2.35
32 84 23 00-0492 LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	13.03 -0.65	2.74
32 84 23 00-0493 LF 3" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	17.55 -0.88	3.95
32 84 23 00-0494 LF 4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	23.58 -1.18	4.94
32 84 23 00-0495 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	35.93 -1.80	6.17
32 84 23 00-0496 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0485)		
32 84 23 00-0497 LF 3/4" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	3.99 -0.20	1.23
32 84 23 00-0498 LF 1" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	4.80 -0.24	1.48
32 84 23 00-0499 LF 1-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	7.02 -0.35	1.87
32 84 23 00-0500 LF 2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	9.19 -0.46	2.35
32 84 23 00-0501 LF 2-1/2" Class 200 Polyvinyl Chloride (PVC) Socketweld Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	12.36 -0.62	2.74
32 84 23 00-0502 LF 3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	17.30 -0.87	3.95
32 84 23 00-0503 LF 4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	24.97 -1.25	4.94
32 84 23 00-0504 LF 6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	44.71 -2.24	6.17
32 84 23 00-0505 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, On Grade With Pipe Stabilizers (32 84 23 00-0485)		
32 84 23 00-0506 LF 3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	4.37 -0.22	1.23
32 84 23 00-0507 LF 1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	5.31 -0.27	1.48
32 84 23 00-0508 LF 1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	7.99 -0.40	1.87
32 84 23 00-0509 LF 2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	10.81 -0.54	2.35
32 84 23 00-0510 LF 2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	14.94 -0.75	2.74
32 84 23 00-0511 LF 3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	17.55 -0.88	3.95
32 84 23 00-0512 LF 4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	23.58 -1.18	4.94
32 84 23 00-0513 LF 6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, On Grade With Pipe Stabilizers <i>For >1,000, Deduct</i>	36.79 -1.84	6.17
32 84 23 00-0514 Irrigation Piping With Fittings, Trenching, Cover, Backfilled And Compacted (32 84 23 00-0484) Note: Install thrust blocks per Caltrans details for 3" piping and larger, upstream of remote control valve.		
32 84 23 00-0515 Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted (32 84 23 00-0514)		
32 84 23 00-0516 LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.43 -0.32	1.23
32 84 23 00-0517 LF 1" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	7.55 -0.38	1.48
32 84 23 00-0518 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	9.53 -0.48	1.87
32 84 23 00-0519 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	11.63 -0.58	2.35

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0520	LF	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	15.02 -0.75	2.74
32 84 23 00-0521	LF	3"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.56 -0.98	3.95
32 84 23 00-0522	LF	4"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	25.57 -1.28	4.94
32 84 23 00-0523	LF	6"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	37.92 -1.90	6.17
32 84 23 00-0524			Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted (32 84 23 00-0514)		
32 84 23 00-0525	LF	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.68 -0.33	1.23
32 84 23 00-0526	LF	1"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	7.79 -0.39	1.48
32 84 23 00-0527	LF	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	9.78 -0.49	1.87
32 84 23 00-0528	LF	2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	11.87 -0.59	2.35
32 84 23 00-0529	LF	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	15.26 -0.76	2.74
32 84 23 00-0530	LF	3"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.79 -0.99	3.95
32 84 23 00-0531	LF	4"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	25.82 -1.29	4.94
32 84 23 00-0532	LF	6"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	38.17 -1.91	6.17
32 84 23 00-0533			Schedule 40 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted (32 84 23 00-0514)		
32 84 23 00-0534	LF	3/4"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.93 -0.35	1.23
32 84 23 00-0535	LF	1"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	8.04 -0.40	1.48
32 84 23 00-0536	LF	1-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	10.02 -0.50	1.87
32 84 23 00-0537	LF	2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	12.12 -0.61	2.35
32 84 23 00-0538	LF	2-1/2"	Schedule 40 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	15.51 -0.78	2.74
32 84 23 00-0539	LF	3"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	20.04 -1.00	3.95
32 84 23 00-0540	LF	4"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	26.07 -1.30	4.94
32 84 23 00-0541	LF	6"	Schedule 40 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	38.42 -1.92	6.17
32 84 23 00-0542			Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted (32 84 23 00-0514)		
32 84 23 00-0543	LF	3/4"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.20 -0.31	1.23
32 84 23 00-0544	LF	1"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	7.16 -0.36	1.48
32 84 23 00-0545	LF	1-1/2"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	9.56 -0.48	1.87
32 84 23 00-0546	LF	2"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	12.40 -0.62	2.35
32 84 23 00-0547	LF	2-1/2"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	16.29 -0.81	2.74
32 84 23 00-0548	LF	3"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.30 -0.97	3.95
32 84 23 00-0549	LF	4"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	26.96 -1.35	4.94
32 84 23 00-0550	LF	6"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	46.69 -2.33	6.17
32 84 23 00-0551			Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted (32 84 23 00-0514)		
32 84 23 00-0552	LF	3/4"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.45 -0.32	1.23
32 84 23 00-0553	LF	1"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	7.40 -0.37	1.48
32 84 23 00-0554	LF	1-1/2"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	9.81 -0.49	1.87
32 84 23 00-0555	LF	2"	Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	12.64 -0.63	2.35

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0556 LF 2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	16.53 -0.83	2.74
32 84 23 00-0557 LF 3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.53 -0.98	3.95
32 84 23 00-0558 LF 4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	27.21 -1.36	4.94
32 84 23 00-0559 LF 6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	46.94 -2.35	6.17
32 84 23 00-0560 Class 200, SDR-21 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0514)</small>		
32 84 23 00-0561 LF 3/4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.70 -0.34	1.23
32 84 23 00-0562 LF 1" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	7.65 -0.38	1.48
32 84 23 00-0563 LF 1-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	10.05 -0.50	1.87
32 84 23 00-0564 LF 2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	12.89 -0.64	2.35
32 84 23 00-0565 LF 2-1/2" Class 200, SDR-21 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	16.78 -0.84	2.74
32 84 23 00-0566 LF 3" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.78 -0.99	3.95
32 84 23 00-0567 LF 4" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	27.46 -1.37	4.94
32 84 23 00-0568 LF 6" Class 200, SDR-21 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	47.19 -2.36	6.17
32 84 23 00-0569 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 12" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0514)</small>		
32 84 23 00-0570 LF 3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.36 -0.32	1.23
32 84 23 00-0571 LF 1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	7.31 -0.37	1.48
32 84 23 00-0572 LF 1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	9.98 -0.50	1.87
32 84 23 00-0573 LF 2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	12.81 -0.64	2.35
32 84 23 00-0574 LF 2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	16.94 -0.85	2.74
32 84 23 00-0575 LF 3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.56 -0.98	3.95
32 84 23 00-0576 LF 4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	25.57 -1.28	4.94
32 84 23 00-0577 LF 6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 12" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	38.78 -1.94	6.17
32 84 23 00-0578 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 18" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0514)</small>		
32 84 23 00-0579 LF 3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	6.61 -0.33	1.23
32 84 23 00-0580 LF 1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	7.55 -0.38	1.48
32 84 23 00-0581 LF 1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	10.23 -0.51	1.87
32 84 23 00-0582 LF 2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	13.05 -0.65	2.35
32 84 23 00-0583 LF 2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	17.18 -0.86	2.74
32 84 23 00-0584 LF 3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	19.79 -0.99	3.95
32 84 23 00-0585 LF 4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	25.82 -1.29	4.94
32 84 23 00-0586 LF 6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 18" Of Cover, Backfilled And Compacted <i>For >1,000, Deduct</i>	39.03 -1.95	6.17
32 84 23 00-0587 Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Irrigation Piping With Fittings, Trenching, 24" Of Cover, Backfilled And Compacted <small>(32 84 23 00-0514)</small>		

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 84 23 00-0588	LF		3/4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	6.86	1.23
			<i>For >1,000, Deduct</i>	-0.34	
32 84 23 00-0589	LF		1" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	7.80	1.48
			<i>For >1,000, Deduct</i>	-0.39	
32 84 23 00-0590	LF		1-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	10.47	1.87
			<i>For >1,000, Deduct</i>	-0.52	
32 84 23 00-0591	LF		2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted.....	13.30	2.35
			<i>For >1,000, Deduct</i>	-0.67	
32 84 23 00-0592	LF		2-1/2" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	17.43	2.74
			<i>For >1,000, Deduct</i>	-0.87	
32 84 23 00-0593	LF		3" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	20.04	3.95
			<i>For >1,000, Deduct</i>	-1.00	
32 84 23 00-0594	LF		4" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	26.07	4.94
			<i>For >1,000, Deduct</i>	-1.30	
32 84 23 00-0595	LF		6" Class 315, SDR-13.5 Polyvinyl Chloride (PVC) Gasketed Pipe With Fittings, 24" Of Cover, Backfilled And Compacted	39.28	6.17
			<i>For >1,000, Deduct</i>	-1.96	
32 84 23 00-0596			Irrigation Riser Piping With Fittings <small>(32 84 23 00-0484)</small>		
32 84 23 00-0597	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV	19.86	2.96
			Note: Includes #4 steel reinforcing bar, stainless steel hose clamp		
32 84 23 00-0598	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 6" Exposed, Type IV	21.53	3.70
			Note: Includes #4 steel reinforcing bar, stainless steel hose clamp		
32 84 23 00-0599	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV	21.29	3.46
			Note: Includes #4 steel reinforcing bar, stainless steel hose clamp		
32 84 23 00-0600	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 12" Exposed, Type IV	23.33	4.31
			Note: Includes #4 steel reinforcing bar, stainless steel hose clamp		
32 84 23 00-0601	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I	42.91	5.18
			Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties		
32 84 23 00-0602	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 24" Exposed, Type I	45.82	6.48
			Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties		
32 84 23 00-0603	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I	50.53	6.66
			Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties		
32 84 23 00-0604	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 36" Exposed, Type I	54.28	8.33
			Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties		
32 84 23 00-0605	EA		1/2" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I	58.16	8.14
			Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties		
32 84 23 00-0606	EA		3/4" Polyvinyl Chloride (PVC) Riser Pipe With Fittings, 48" Exposed, Type I	62.73	10.18
			Note: Includes 2" diameter lodge poll support stake, two stainless steel sprinkler ties		
32 84 23 00-0607			Irrigation Crossover Piping With Fittings <small>(32 84 23 00-0484)</small>		
			Note: Install per Caltrans details. Includes thrust blocks, HDPE sleeve pipe and fittings, 3" pvc irrigation piping and 1" electrical pvc conduit. Excludes #5 concrete irrigation pull boxes on ends, electrical control wiring. See CSI section 32 84 23 00-0105 for #5 concrete pull box, 32 84 23 00-0651 for irrigation wiring.		
32 84 23 00-0608			Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench <small>(32 84 23 00-0607)</small>		
32 84 23 00-0609	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation.....	54.48	
			<i>For >1,000, Deduct</i>	-2.72	
32 84 23 00-0610	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation.....	79.68	
			<i>For >1,000, Deduct</i>	-3.98	
32 84 23 00-0611	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation.....	112.92	
			<i>For >1,000, Deduct</i>	-5.65	
32 84 23 00-0612	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 24" Open Trench Installation.....	151.42	
			<i>For >1,000, Deduct</i>	-7.57	
32 84 23 00-0613			Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench <small>(32 84 23 00-0607)</small>		
32 84 23 00-0614	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation.....	55.22	
			<i>For >1,000, Deduct</i>	-2.76	
32 84 23 00-0615	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation.....	80.49	
			<i>For >1,000, Deduct</i>	-4.02	
32 84 23 00-0616	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation.....	113.83	
			<i>For >1,000, Deduct</i>	-5.69	
32 84 23 00-0617	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation.....	152.40	
			<i>For >1,000, Deduct</i>	-7.62	
32 84 23 00-0618			Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench <small>(32 84 23 00-0607)</small>		
32 84 23 00-0619	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 48" Open Trench Installation.....	55.96	
			<i>For >1,000, Deduct</i>	-2.80	
32 84 23 00-0620	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation.....	81.31	
			<i>For >1,000, Deduct</i>	-4.07	
32 84 23 00-0621	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation.....	114.72	
			<i>For >1,000, Deduct</i>	-5.74	
32 84 23 00-0622	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), 36" Open Trench Installation.....	153.38	
			<i>For >1,000, Deduct</i>	-7.67	

	MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	32 84 23 00-0623			Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore <small>(32 84 23 00-0607)</small>		
	32 84 23 00-0624	LF		6" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	108.64 -5.43	
	32 84 23 00-0625	LF		8" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	144.80 -7.24	
	32 84 23 00-0626	LF		10" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	183.44 -9.17	
	32 84 23 00-0627	LF		12" Irrigation Crossover, Corrugated High Density Polyethylene Pipe (CHDPE), Directional Bore Installation <i>For >1,000, Deduct</i>	227.34 -11.37	
	32 84 23 00-0628			Below Ground Cam Adapter Assembly <small>(32 84 23 00-0484)</small> Note: Includes minimum 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
	32 84 23 00-0629	EA		Below Ground Cam Adapter Assembly Note: Includes 6" depth gravel or crushed rock, woven wire cloth, jumbo valve box with 15" x 21.5" cover, 1-1/2" brass ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	679.22	
	32 84 23 00-0630			Above Ground Cam Adapter Assembly <small>(32 84 23 00-0484)</small> Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe		
	32 84 23 00-0631	EA		Above Ground Cam Adapter Assembly Note: Includes concrete thrust block, 1-1/2" plastic ball valve, 1-1/2" aluminum male cam adapter x female NPT, 1-1/2" PVC elbow, 2" PVC reducing tee, 30" PVC pipe.	417.11	
	32 84 23 00-0632			Thrust Block <small>(32 84 23 00-0484)</small>		
	32 84 23 00-0633	EA		Thrust Block For 1-1/2" Pipe Size And Smaller	34.89	
	32 84 23 00-0634	EA		Thrust Block For 2" Pipe	59.83	
	32 84 23 00-0635	EA		Thrust Block For 3" And 4" Pipe	84.79	
	32 84 23 00-0636	EA		Thrust Block For 6" Pipe	135.21	
	32 84 23 00-0637	EA		Thrust Block For 8" Pipe	191.75	
	32 84 23 00-0638			Irrigation Swing Joints <small>(32 84 23)</small>		
	32 84 23 00-0639	EA		3/4" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12075)	67.89	19.65
	32 84 23 00-0640	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint (Rain Bird® TSJ12)	77.48	21.93
	32 84 23 00-0641	EA		1" Male NPT, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint With 70 PSI Pressure Regulator (Rain Bird® TSJ100PRS)	108.23	21.93
	32 84 23 00-0642	EA		1/2" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	42.17	25.60
	32 84 23 00-0643	EA		3/4" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	56.36	34.15
	32 84 23 00-0644	EA		1" Diameter, 12" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type I Note: Consists of three threaded 90 degree elbows and 12" threaded pipe.	71.32	41.88
	32 84 23 00-0645	EA		1/2" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	59.59	26.00
	32 84 23 00-0646	EA		3/4" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	78.81	34.49
	32 84 23 00-0647	EA		1" Diameter, 24" Length, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRAN Type II Note: Consists of one threaded 90 degree elbow, one threaded x socket 90 degree elbow, one adapter and 24" threaded pipe.	97.28	42.30
	32 84 23 00-0648	EA		1/2" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	33.50	15.92
	32 84 23 00-0649	EA		3/4" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	44.79	21.23
	32 84 23 00-0650	EA		1" Diameter, Polyvinyl Chloride (PVC) Irrigation Swing Joint, CALTRANS Type III Note: Consists of two street 90 degree elbows.	53.46	26.32
	32 84 23 00-0651			Irrigation Control Wire <small>(32 84 23)</small> Note: Excludes excavation and backfill.		
	32 84 23 00-0652			18 AWG, Irrigation Control Wire, Buried In Trench <small>(32 84 23 00-0651)</small>		
	32 84 23 00-0653	CLF		1-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	49.66	14.81
	32 84 23 00-0654	CLF		2-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	65.72	17.28
	32 84 23 00-0655	CLF		3-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	75.67	19.74
	32 84 23 00-0656	CLF		4-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	86.73	22.21
	32 84 23 00-0657	CLF		5-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	98.89	24.68
	32 84 23 00-0658	CLF		6-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	118.87	27.14
	32 84 23 00-0659	CLF		7-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	138.00	29.61
	32 84 23 00-0660	CLF		8-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	149.98	32.07
	32 84 23 00-0661	CLF		9-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	164.86	34.54
	32 84 23 00-0662	CLF		10-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	182.08	37.01
	32 84 23 00-0663	CLF		11-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	188.09	39.48
	32 84 23 00-0664	CLF		12-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	195.25	41.94
	32 84 23 00-0665	CLF		13-Conductor, 18 AWG, Irrigation Control Wire, Buried In Trench	205.96	44.41

32 Exterior Improvements**32 80 Irrigation****32 84 Planting Irrigation**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 84 23 00-0666		16 AWG, Irrigation Control Wire, Buried In Trench <small>(32 84 23 00-0666)</small>		
32 84 23 00-0667	CLF	1-Conductor, 16 AWG, Irrigation Control Wire, Buried In Trench	52.62	14.81
32 84 23 00-0668		14 AWG, Irrigation Control Wire, Buried In Trench <small>(32 84 23 00-0668)</small>		
32 84 23 00-0669	CLF	1-Conductor, 14 AWG, Irrigation Control Wire, Buried In Trench	52.62	14.81
32 84 23 00-0670		12 AWG, Irrigation Control Wire, Buried In Trench <small>(32 84 23 00-0670)</small>		
32 84 23 00-0671	CLF	1-Conductor, 12 AWG, Irrigation Control Wire, Buried In Trench	72.21	14.81
32 84 23 00-0672		10 AWG, Irrigation Control Wire, Buried In Trench <small>(32 84 23 00-0672)</small>		
32 84 23 00-0673	CLF	1-Conductor, 10 AWG, Irrigation Control Wire, Buried In Trench	97.02	14.81
32 84 23 00-0674		Root Watering Systems <small>(32 84 23)</small>		
		Note: Includes swing assembly.		
32 84 23 00-0675	EA	0.25 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1401).....	112.83	19.74
		<i>For Root Watering Sand Sock, Add</i>	5.21	
32 84 23 00-0676	EA	0.25 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1401)	123.00	19.74
		<i>For Root Watering Sand Sock, Add</i>	5.21	
32 84 23 00-0677	EA	0.5 GPM Bubbler On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-1402).....	112.83	19.74
		<i>For Root Watering Sand Sock, Add</i>	5.21	
32 84 23 00-0678	EA	0.5 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1402)	123.00	19.74
		<i>For Root Watering Sand Sock, Add</i>	5.21	
32 84 23 00-0679	EA	1 GPM Bubbler And Check Valve On Riser, 36" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-B-C-1404)	123.00	19.74
		<i>For Root Watering Sand Sock, Add</i>	5.21	
32 84 23 00-0680	EA	0.25 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1401).....	97.80	17.28
		<i>For Root Watering Sand Sock, Add</i>	4.72	
32 84 23 00-0681	EA	0.25 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1401)	107.56	17.28
		<i>For Root Watering Sand Sock, Add</i>	4.72	
32 84 23 00-0682	EA	0.5 GPM Bubbler On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-1402).....	97.80	17.28
		<i>For Root Watering Sand Sock, Add</i>	4.72	
32 84 23 00-0683	EA	0.5 GPM Bubbler And Check Valve On Riser, 18" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-M-B-C-1402)	107.56	17.28
		<i>For Root Watering Sand Sock, Add</i>	4.72	
32 84 23 00-0684	EA	0.25 GPM Bubbler On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-1401).....	63.26	14.81
		<i>For Root Watering Sand Sock, Add</i>	4.23	
32 84 23 00-0685	EA	0.25 GPM Bubbler And Check Valve On Riser, 10" Tube, 4" Diameter Grate, Root Watering System (Rain Bird® RWS-S-B-C-1401).....	72.56	14.81
		<i>For Root Watering Sand Sock, Add</i>	4.23	
32 90 Planting <small>(32)</small>		Note: Plant installation includes the initial watering only. The extended watering period for the establishment of lawns, plants and trees is addressed on a per plant per amount per occurrence basis as directed in the specification. cvs = cultivar. See CSI section 32 01 90 26-0000 for additional "extended watering period" tasks.		
32 91 Planting Preparation <small>(32 90)</small>				
32 91 13 Soil Preparation <small>(32 91)</small>				
32 91 13 16 Mulching <small>(32 91 13)</small>				
32 91 13 16-0001 Mulch <small>(32 91 13 16)</small>		Note: Includes loading, delivery up to 15 miles and spreading. 1 CY = 108 SF of mulch spread 3" thick. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.		
32 91 13 16-0002	CY	Pea Gravel Mulch	121.70	
		<i>For >5 To 20, Deduct</i>	-9.48	
		<i>For >20 To 50, Deduct</i>	-14.22	
		<i>For >50, Deduct</i>	-20.31	
		<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0003	CY	Stone/Gravel Mulch, Marble Chips	333.04	
		<i>For >5 To 20, Deduct</i>	-20.05	
		<i>For >20 To 50, Deduct</i>	-30.07	
		<i>For >50, Deduct</i>	-46.73	
		<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0004	CY	Stone Mulch, Decomposed Granite Chips	93.40	
		<i>For >5 To 20, Deduct</i>	-8.07	
		<i>For >20 To 50, Deduct</i>	-12.10	
		<i>For >50, Deduct</i>	-16.77	
		<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0005	CY	Pine Bark Nugget Mulch	107.84	
		<i>For >5 To 20, Deduct</i>	-8.79	
		<i>For >20 To 50, Deduct</i>	-13.18	
		<i>For >50, Deduct</i>	-18.58	
		<i>For Work On Slopes >2.5:1, Add</i>	13.59	

		Exterior Improvements	32
		Planting	32 90
		Planting Preparation	32 91

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 16-0006	CY		Hardwood Bark Nugget Mulch	106.25	
			<i>For >5 To 20, Deduct</i>	-8.71	
			<i>For >20 To 50, Deduct</i>	-13.06	
			<i>For >50, Deduct</i>	-18.38	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0007	CY		Pine Wood Chip Mulch	103.05	
			<i>For >5 To 20, Deduct</i>	-8.55	
			<i>For >20 To 50, Deduct</i>	-12.82	
			<i>For >50, Deduct</i>	-17.98	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0008	CY		Hardwood Chip Mulch	109.44	
			<i>For >5 To 20, Deduct</i>	-8.87	
			<i>For >20 To 50, Deduct</i>	-13.30	
			<i>For >50, Deduct</i>	-18.78	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0009	CY		Shredded Hardwood Mulch	109.44	
			<i>For >5 To 20, Deduct</i>	-8.87	
			<i>For >20 To 50, Deduct</i>	-13.30	
			<i>For >50, Deduct</i>	-18.78	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0010	CY		Shredded Pine Mulch	95.07	
			<i>For >5 To 20, Deduct</i>	-8.15	
			<i>For >20 To 50, Deduct</i>	-12.23	
			<i>For >50, Deduct</i>	-16.98	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0011	CY		Shredded Cedar Mulch	126.20	
			<i>For >5 To 20, Deduct</i>	-9.71	
			<i>For >20 To 50, Deduct</i>	-14.56	
			<i>For >50, Deduct</i>	-20.87	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0012	CY		Shredded Cypress Mulch	123.80	
			<i>For >5 To 20, Deduct</i>	-9.59	
			<i>For >20 To 50, Deduct</i>	-14.38	
			<i>For >50, Deduct</i>	-20.57	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0013	CY		Shredded Redwood Mulch	130.19	
			<i>For >5 To 20, Deduct</i>	-9.91	
			<i>For >20 To 50, Deduct</i>	-14.86	
			<i>For >50, Deduct</i>	-21.37	
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
32 91 13 16-0014	CY		Chunk Recycled Tire Mulch	198.27	
			<i>For >5 To 20, Deduct</i>	-14.24	
			<i>For >20 To 50, Deduct</i>	-21.36	
			<i>For >50, Deduct</i>	-31.27	
			<i>For Work On Slopes >2.5:1, Add</i>	17.31	
32 91 13 16-0015	CY		Chunk Colored Recycled Tire Mulch	308.40	
			<i>For >5 To 20, Deduct</i>	-19.75	
			<i>For >20 To 50, Deduct</i>	-29.62	
			<i>For >50, Deduct</i>	-45.04	
			<i>For Work On Slopes >2.5:1, Add</i>	17.31	
32 91 13 16-0016	CY		Shredded Recycled Tire Mulch	309.99	
			<i>For >5 To 20, Deduct</i>	-19.83	
			<i>For >20 To 50, Deduct</i>	-29.74	
			<i>For >50, Deduct</i>	-45.24	
			<i>For Work On Slopes >2.5:1, Add</i>	17.31	
32 91 13 16-0017	CY		Shredded Colored Recycled Tire Mulch	530.26	
			<i>For >5 To 20, Deduct</i>	-30.84	
			<i>For >20 To 50, Deduct</i>	-46.26	
			<i>For >50, Deduct</i>	-72.77	
			<i>For Work On Slopes >2.5:1, Add</i>	17.31	
32 91 13 16-0018	EA		Pine Straw Mulch Bale.....	9.31	
			Note: Covers 50 SF at a thickness of 2" to 4" forming a uniform mat through which none of the original ground surface can be seen.		
			<i>For >100 To 250, Deduct</i>	-0.65	
			<i>For >250 To 500, Deduct</i>	-0.84	
			<i>For >500, Deduct</i>	-1.12	
			<i>For Work On Slopes >2.5:1, Add</i>	0.75	
32 91 13 16-0019	EA		Wheat Straw Mulch Bale	9.36	
			Note: Covers 350 SF forming a uniform mat through which 20 to 40% of the original ground surface can be seen.		
			<i>For >100 To 250, Deduct</i>	-0.61	
			<i>For >250 To 500, Deduct</i>	-0.75	
			<i>For >500, Deduct</i>	-1.08	
			<i>For Work On Slopes >2.5:1, Add</i>	0.56	
32 91 13 16-0020			Compost Soil Amendment (AgriService) <small>(32 91 13 16)</small>		
			Note: Includes loading, delivery up to 15 miles and spreading. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles.		
32 91 13 16-0021	CY		Humic Compost (OIM).....	87.90	
			Note: (Agri Service or Equal)		
			<i>For Work On Slopes >2.5:1, Add</i>	13.59	
			<i>For >100 To 1,000, Deduct</i>	-14.59	
			<i>For >1,000, Deduct</i>	-22.38	

32 91 13 26 Planting Beds (32 91 13)

Note: Not for use when installing trees and shrubs.

32 Exterior Improvements**32 90 Planting****32 91 Planting Preparation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91 13 26-0001			Plant Bed Preparation <small>(32 91 13 26)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0002	SF		Up To 8" Deep, Prepare And Mix Plant Bed, By Machine	1.07	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes >2.5:1, Add</i>	0.21	
32 91 13 26-0003	SF		>8" To 13" Deep, Prepare And Mix Plant Bed, By Machine.....	1.23	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes >2.5:1, Add</i>	0.25	
32 91 13 26-0004	SF		>13" To 18" Deep, Prepare And Mix Plant Bed, By Machine.....	1.46	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes >2.5:1, Add</i>	0.29	
32 91 13 26-0005	SF		Up To 8" Deep, Prepare And Mix Plant Bed By Hand	4.75	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes >2.5:1, Add</i>	0.95	
32 91 13 26-0006	SF		>8" To 13" Deep, Prepare And Mix Plant Bed By Hand.....	5.46	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes >2.5:1, Add</i>	1.09	
32 91 13 26-0007	SF		>13" To 18" Deep, Prepare And Mix Plant Bed By Hand.....	6.42	
			Note: Includes loosening subgrade, removing stones, sticks, roots, rubbish, and raking surface. Excludes soil amendments.		
			<i>For Work On Slopes >2.5:1, Add</i>	1.28	
32 91 13 26-0008			Plant Bed Preparation With Humic Compost <small>(32 91 13 26)</small>		
32 91 13 26-0009	SF		Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 3 CY Per 1,000 SF).....	1.17	
			Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
			<i>For Work On Slopes >2.5:1, Add</i>	0.22	
			<i>For >1,000 To 5,000, Deduct</i>	-0.17	
			<i>For >5,000 To 10,000, Deduct</i>	-0.28	
			<i>For >10,000 To 20,000, Deduct</i>	-0.56	
			<i>For >20,000, Deduct</i>	-0.78	
32 91 13 26-0010	SF		Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 6 CY Per 1,000 SF).....	1.46	
			Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
			<i>For Work On Slopes >2.5:1, Add</i>	0.27	
			<i>For >1,000 To 5,000, Deduct</i>	-0.20	
			<i>For >5,000 To 10,000, Deduct</i>	-0.34	
			<i>For >10,000 To 20,000, Deduct</i>	-0.68	
			<i>For >20,000, Deduct</i>	-0.95	
32 91 13 26-0011	SF		Prepare And Mix Plant Bed By Rototiller, Up To 8" Deep, Mixing Humic Compost (Mixed At Rate Of 9 CY Per 1,000 SF).....	1.75	
			Note: Includes loosening subgrade, removing rubbish, mixing humic compost and raking surface.		
			<i>For Work On Slopes >2.5:1, Add</i>	0.31	
			<i>For >1,000 To 5,000, Deduct</i>	-0.24	
			<i>For >5,000 To 10,000, Deduct</i>	-0.39	
			<i>For >10,000 To 20,000, Deduct</i>	-0.79	
			<i>For >20,000, Deduct</i>	-1.12	
32 91 13 26-0012			Planting Pit Preparation <small>(32 91 13 26)</small>		
			Note: Not for use when installing trees and shrubs.		
32 91 13 26-0013	CY		Excavate Planting Pit By Hand, Sandy Soil	82.19	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes >2.5:1, Add</i>	16.44	
32 91 13 26-0014	CY		Excavate Planting Pit By Hand, Heavy Soil	164.39	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes >2.5:1, Add</i>	32.88	
32 91 13 26-0015	CY		Excavate Planting Pit By Machine, Sandy Soil	13.67	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes >2.5:1, Add</i>	2.73	
32 91 13 26-0016	CY		Excavate Planting Pit By Machine, Heavy Soil	17.79	
			Note: For use with existing planting pits.		
			<i>For Work On Slopes >2.5:1, Add</i>	3.56	
32 91 13 26-0017	CY		Backfill Planting Pit By Hand With Topsoil From Stockpile	73.04	
			<i>For Work On Slopes >2.5:1, Add</i>	14.61	
32 91 13 26-0018	CY		Backfill Planting Pit By Hand With Contractor Furnished Planting Mix	140.54	
			<i>For Work On Slopes >2.5:1, Add</i>	13.39	
32 91 13 26-0019	CY		Backfill Planting Pit By Machine, With Topsoil From Stockpile	7.28	
			<i>For Work On Slopes >2.5:1, Add</i>	1.46	
32 91 13 26-0020	CY		Backfill Planting Pit By Machine, With Contractor Furnished Planting Mix.....	91.77	
			<i>For Work On Slopes >2.5:1, Add</i>	3.64	
32 91 13 26-0021			Weed Barrier <small>(32 91 13 26)</small>		
32 91 13 26-0022	SY		Up To 3 Oz/SY Non-Woven, Polypropylene Weed Barrier	2.28	
			<i>For Work On Slopes >2.5:1, Add</i>	0.13	
32 91 13 26-0023	SY		4 Oz/SY Woven, Polypropylene Weed Barrier.....	3.12	
			<i>For Work On Slopes >2.5:1, Add</i>	0.13	
32 91 13 26-0024	SY		5 Oz/SY Woven, Needle Punched Polypropylene Weed Barrier	3.49	
			<i>For Work On Slopes >2.5:1, Add</i>	0.13	

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 91 13 33 Soil Conditioners (32 91 13)

32 91 13 33-0001 Spread Soil Conditioners (32 91 13 33)			
32 91 13 33-0002	SY	Aluminum Sulfate 1 LB/SY, Push Spreader.....	0.43
32 91 13 33-0003	MSF	Aluminum Sulfate 110 LB/MSF Tractor Spreader.....	40.75
32 91 13 33-0004	MSF	Fertilizer, 20 LB/MSF, Push Spreader.....	6.92
32 91 13 33-0005	MSF	Fertilizer, 20 LB/MSF, Tractor Spread.....	3.01
32 91 13 33-0006	MSF	Fertilizer, 20 LB/MSF, Truck Spread.....	5.30
32 91 13 33-0007	SY	Pelletized Lime, 1 LB/SY, Push Spreader.....	0.10
32 91 13 33-0008	MSF	Pelletized Lime, 110 LB/MSF, Tractor Spreader.....	7.71
32 91 13 33-0009	SY	Perlite, 1" Deep, Push Spreader.....	3.71
32 91 13 33-0010	MSF	Perlite, 1" Deep, Tractor Spreader.....	385.43
32 91 13 33-0011	SY	Vermiculite, Push Spreader.....	3.44
32 91 13 33-0012	MSF	Vermiculite, Tractor Spreader.....	376.50
32 91 13 33-0013	SY	Humate Granular Soil Conditioner, 0.10 LB/SY, Push Spreader.....	0.22
32 91 13 33-0014	MSF	Humate Granular Soil Conditioner, 10 LB/MSF, Tractor Spreader.....	19.93

32 91 13 36 Lawn Bed Preparation (32 91 13)

32 91 13 36-0001 Lawn Bed Preparation (32 91 13 36)			
32 91 13 36-0002	MSF	Rake Topsoil With Machine.....	84.60
32 91 13 36-0003	MSF	Rake Topsoil By Hand.....	65.75
32 91 13 36-0004	MSF	Screen Loam By Hand.....	43.83
32 91 13 36-0005	SY	Roll Topsoil With Machine.....	1.10
32 91 13 36-0006	SY	Roll Topsoil By Hand.....	2.93
32 91 13 36-0007	MSF	Removal Of Rocks And Debris With Machine.....	10.01
32 91 13 36-0008	MSF	Removal Of Rocks And Debris By Hand.....	30.68
32 91 13 36-0009	MSF	Root Raking And Loading, No Boulders.....	52.36
		<i>For >45 to 225, Deduct</i>	-36.65
		<i>For >225, Deduct</i>	-47.12
32 91 13 36-0010	MSF	Root Raking And Loading, With Boulders.....	87.26
		<i>For >45 to 225, Deduct</i>	-61.08
		<i>For >225, Deduct</i>	-78.53
32 91 13 36-0011	MSF	Up To 6" Deep Tilling Topsoil With Tractor.....	4.73
32 91 13 36-0012	MSF	>6" To 12" Deep Tilling Topsoil With Tractor.....	9.59
		<i>For Work On Slopes >2.5:1, Add</i>	1.92
32 91 13 36-0013	SY	Up To 2" Deep Tilling Topsoil With Rototiller.....	0.70
32 91 13 36-0014	SY	>2" To 4" Deep Tilling Topsoil With Rototiller.....	0.84
32 91 13 36-0015	SY	>4" To 6" Deep Tilling Topsoil With Rototiller.....	1.05
32 91 13 36-0016	LF	"V" Cut Soil For Edge Of Planting Beds.....	1.17

32 91 13 36-0017 Sod Removal (32 91 13 36)

32 91 13 36-0018	SY	Removal Of Sod By Hand.....	5.54
		<i>For Work On Slopes >2.5:1, Add</i>	1.11
32 91 13 36-0019	SY	Removal Of Sod With Machine.....	0.64
		<i>For Work On Slopes >2.5:1, Add</i>	0.13
32 91 13 36-0020	SY	Pile Sod By Hand.....	3.29
		<i>For Work On Slopes >2.5:1, Add</i>	0.66
32 91 13 36-0021	SY	Pile Sod With Machine.....	1.20
		<i>For Work On Slopes >2.5:1, Add</i>	0.24

32 91 19 Landscape Grading (32 91)

32 91 19 13 Topsoil Placement and Grading (32 91 19)

32 91 19 13-0001 Remove And Stockpile Topsoil On Site (32 91 19 13)			
32 91 19 13-0002	CY	Removal Of Topsoil, 4" Deep Stockpile On Site.....	5.06
32 91 19 13-0003	CY	Removal Of Topsoil, 6" Deep Stockpile On Site.....	5.01
32 91 19 13-0004 Screening Topsoil (32 91 19 13)			
32 91 19 13-0005	CY	Screen Topsoil With Vibrating Screen, Wet Material (Organic).....	10.96
32 91 19 13-0006	CY	Screen Topsoil With Vibrating Screen, Dry Material.....	7.31
32 91 19 13-0007 Spreading Topsoil From Stockpile (32 91 19 13)			
32 91 19 13-0008	CY	Spread Topsoil By Machine From Stockpile.....	8.15
32 91 19 13-0009	CY	Spread Topsoil By Hand From Stockpile.....	62.74
32 91 19 13-0010 Furnish And Place Imported Screened Topsoil (32 91 19 13)			
Note: Includes delivery up to 15 miles from the closest approved source and spread by machine. Excludes hand spreading. See CSI section 01 74 19 00-0045 for hauling greater than 15 miles, 31 23 16 36-0030 for hand spreading.			
32 91 19 13-0011	SY	Furnish And Place Imported Screened Topsoil, 2" Deep.....	4.93
		<i>For Unscreened, Deduct</i>	-0.77
32 91 19 13-0012	SY	Furnish And Place Imported Screened Topsoil, 4" Deep.....	9.55
		<i>For Unscreened, Deduct</i>	-1.54

32 Exterior Improvements**32 90 Planting****32 91 Planting Preparation**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 91	19 13-0013	SY	Furnish And Place Imported Screened Topsoil, 6" Deep..... <i>For Unscreened, Deduct</i>	13.92 -2.31	
32 91	19 13-0014	SY	Furnish And Place Imported Screened Topsoil, 9" Deep..... <i>For Unscreened, Deduct</i>	20.29 -3.47	
32 91	19 13-0015	SY	Furnish And Place Imported Screened Topsoil, 12" Deep..... <i>For Unscreened, Deduct</i>	26.65 -4.63	
32 91	19 13-0016	CY	Furnish And Place Imported Screened Topsoil, Over 12" Deep..... <i>For Unscreened, Deduct</i>	75.01 -13.88	

32 91 19 13-0017 Scarify Soil For Planting Preparation (32 91 19 13)

Note: Ripped in multiple directions with 3" maximum clods.

32 91	19 13-0018	MSF	Up To 5,000 SF Scarify Up To 8" Soil With Machine	63.97	
32 91	19 13-0019	MSF	>5,000 To 20,000 SF Scarify Up To 8" Soil With Machine	44.77	
32 91	19 13-0020	MSF	>20,000 SF Scarify Up To 8" Soil With Machine.....	26.30	

32 92 Turf and Grasses (32 90)**32 92 16 Plugging** (32 92)**32 92 16 00-0001 Bermuda Or Centipede Plugging, 1" Deep** (32 92 16)

Note: Includes fine grade and soil preparation.

32 92 16 00-0002 6" On Center Plugging (32 92 16 00-0001)

32 92	16 00-0003	MSF	Plugging By Hand, 6" On Center	213.25	
32 92	16 00-0004	MSF	Plugging By Walk Behind Planter, 6" On Center.....	30.09	
32 92	16 00-0005	MSF	Plugging By Towed Planter, 6" On Center	22.64	

32 92 16 00-0006 9" On Center Plugging (32 92 16 00-0001)

32 92	16 00-0007	MSF	Plugging By Hand, 9" On Center	163.56	
32 92	16 00-0008	MSF	Plugging By Walk Behind Planter, 9" On Center.....	23.52	
32 92	16 00-0009	MSF	Plugging By Towed Planter, 9" On Center	16.95	

32 92 16 00-0010 12" On Center Plugging (32 92 16 00-0001)

32 92	16 00-0011	MSF	Plugging By Hand, 12" On Center	137.54	
32 92	16 00-0012	MSF	Plugging By Walk Behind Planter, 12" On Center.....	15.88	
32 92	16 00-0013	MSF	Plugging By Towed Planter, 12" On Center	10.82	

32 92 19 Seeding (32 92)**32 92 19 13 Mechanical Seeding** (32 92 19)

Note: Includes fertilizing, liming, mixing, seeding and initial watering.

32 92 19 13-0001 Tractor Spreader Mechanical Seeding (32 92 19 13)

Note: Excludes straw.

32 92	19 13-0002	MSF	Common Bluegrass, Tractor Spreader	45.25	
			Note: 4 LB/MSF spread rate.		
32 92	19 13-0003	MSF	Tall Fescue, Tractor Spreader	35.81	
			Note: 5.5 LB/MSF spread rate.		
32 92	19 13-0004	MSF	Rye, Tractor Spreader	36.48	
			Note: 10 LB/MSF spread rate.		
32 92	19 13-0005	MSF	Shade Mix, Tractor Spreader.....	39.88	
			Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
32 92	19 13-0006	MSF	Turf Mix, Tractor Spreader	42.32	
			Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
32 92	19 13-0007	MSF	Slope Mix, Tractor Spreader	39.06	
			Note: 6 LB/MSF spread rate.		
32 92	19 13-0008	MSF	Utility Mix, Tractor Spreader	35.00	
			Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
32 92	19 13-0009	MSF	Wild Flower Mix, Tractor Spreader	27.35	
			Note: 0.10 LB/MSF spread rate.		
32 92	19 13-0010	MSF	Crown Vetch Mix, Tractor Spreader.....	87.88	
			Note: 4 LB/MSF spread rate.		
32 92	19 13-0011	MSF	Athletic Mix, Tractor Spreader	52.08	
			Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
32 92	19 13-0012	MSF	White Clover Mix, Tractor Spreader.....	27.27	
			Note: 7 LB/MSF spread rate.		
32 92	19 13-0013	MSF	Ladino Clover Mix, Tractor Spreader	30.52	
			Note: 7 LB/MSF spread rate.		

32 92 19 13-0014 Hydro Or Air Mechanical Seeding (32 92 19 13)

32 92	19 13-0015	MSF	Common Bluegrass, Hydro Or Air Seeding	90.98	
			Note: 4 LB/MSF spread rate.		
			<i>For Spot Areas Up To 1, Add</i>	95.30	
			<i>For >1 To 4, Add</i>	61.04	
			<i>For >4 To 7.5, Add</i>	41.23	
			<i>For >7.5 To 10, Add</i>	20.61	
			<i>For >45, Deduct</i>	-7.23	
			<i>For Tackifier, Add</i>	1.40	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0016 MSF Tall Fescue, Hydro Or Air Seeding	96.67	
Note: 5.5 LB/MSF spread rate.		
For Spot Areas Up To 1, Add	97.57	
For >1 To 4, Add	62.17	
For >4 To 7.5, Add	41.80	
For >7.5 To 10, Add	20.90	
For >45, Deduct	-7.51	
For Tackifier, Add	1.40	
32 92 19 13-0017 MSF Rye, Hydro Or Air Spread	91.22	
Note: 10 LB/MSF spread rate.		
For Spot Areas Up To 1, Add	95.39	
For >1 To 4, Add	61.08	
For >4 To 7.5, Add	41.25	
For >7.5 To 10, Add	20.63	
For >45, Deduct	-7.24	
For Tackifier, Add	1.40	
32 92 19 13-0018 MSF Shade Mix, Hydro Or Air Seeding	90.98	
Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
For Spot Areas Up To 1, Add	95.30	
For >1 To 4, Add	61.04	
For >4 To 7.5, Add	41.23	
For >7.5 To 10, Add	20.61	
For >45, Deduct	-7.23	
For Tackifier, Add	1.40	
32 92 19 13-0019 MSF Turf Mix, Hydro Or Air Seeding	96.67	
Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
For Spot Areas Up To 1, Add	97.57	
For >1 To 4, Add	62.17	
For >4 To 7.5, Add	41.80	
For >7.5 To 10, Add	20.90	
For >45, Deduct	-7.51	
For Tackifier, Add	1.40	
32 92 19 13-0020 MSF Slope Mix, Hydro Or Air Seeding	94.23	
Note: 6 LB/MSF spread rate.		
For Spot Areas Up To 1, Add	96.60	
For >1 To 4, Add	61.69	
For >4 To 7.5, Add	41.55	
For >7.5 To 10, Add	20.78	
For >45, Deduct	-7.39	
For Tackifier, Add	1.40	
32 92 19 13-0021 MSF Utility Mix, Hydro Or Air Seeding	92.26	
Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
For Spot Areas Up To 1, Add	95.81	
For >1 To 4, Add	61.29	
For >4 To 7.5, Add	41.36	
For >7.5 To 10, Add	20.68	
For >45, Deduct	-7.29	
For Tackifier, Add	1.40	
32 92 19 13-0022 MSF Wild Flower Mix, Hydro Or Air Seeding	85.92	
Note: 0.10 LB/MSF spread rate.		
For Spot Areas Up To 1, Add	93.27	
For >1 To 4, Add	60.02	
For >4 To 7.5, Add	40.72	
For >7.5 To 10, Add	20.36	
For >45, Deduct	-6.97	
For Tackifier, Add	1.40	
32 92 19 13-0023 MSF Crown Vetch Mix, Hydro Or Air Seeding	143.05	
Note: 4 LB/MSF spread rate.		
For Spot Areas Up To 1, Add	116.13	
For >1 To 4, Add	71.45	
For >4 To 7.5, Add	46.44	
For >7.5 To 10, Add	23.22	
For >45, Deduct	-9.83	
For Tackifier, Add	1.40	
32 92 19 13-0024 MSF Athletic Mix, Hydro Or Air Seeding	125.17	
Note: 8 LB/MSF spread rate. Mixture of three varieties of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
For Spot Areas Up To 1, Add	108.97	
For >1 To 4, Add	67.87	
For >4 To 7.5, Add	44.65	
For >7.5 To 10, Add	22.32	
For >45, Deduct	-8.94	
For Tackifier, Add	1.40	
32 92 19 13-0025 MSF White Clover Mix, Hydro Or Air Seeding	78.20	
Note: 7 LB/MSF spread rate.		
For Spot Areas Up To 1, Add	90.19	
For >1 To 4, Add	58.48	
For >4 To 7.5, Add	39.95	
For >7.5 To 10, Add	19.98	
For >45, Deduct	-6.59	
For Tackifier, Add	1.40	
32 92 19 13-0026 MSF Ladino Clover Mix, Hydro Or Air Seeding	87.72	
Note: 7 LB/MSF spread rate.		
For Spot Areas Up To 1, Add	93.99	
For >1 To 4, Add	60.38	
For >4 To 7.5, Add	40.90	
For >7.5 To 10, Add	20.45	
For >45, Deduct	-7.06	
For Tackifier, Add	1.40	

32 Exterior Improvements**32 90 Planting****32 92 Turf and Grasses**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 13-0027	MSF		60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Hydro Or Air Spread.....	92.60	
			Note: 4 LB/MSF spread rate.		
			<i>For Spot Areas Up To 1, Add</i>	95.95	
			<i>For >1 To 4, Add</i>	61.36	
			<i>For >4 To 7.5, Add</i>	41.39	
			<i>For >7.5 To 10, Add</i>	20.70	
			<i>For >45, Deduct</i>	-7.31	
			<i>For Tackifier, Add</i>	1.40	
32 92 19 13-0028	MSF		2,500 LB/Acre, High Performance - Flexible Growth Medium.....	117.62	
			Note: Applied with seed. Excludes seed.		
			<i>For >45, Deduct</i>	-7.22	
32 92 19 13-0029	MSF		3,000 LB/Acre, High Performance - Flexible Growth Medium.....	137.12	
			Note: Applied with seed. Excludes seed.		
			<i>For >45, Deduct</i>	-8.26	
32 92 19 13-0030	MSF		3,500 LB/Acre, High Performance - Flexible Growth Medium.....	156.71	
			Note: Applied with seed. Excludes seed.		
			<i>For >45, Deduct</i>	-9.31	
32 92 19 13-0031	MSF		4,000 LB/Acre, High Performance - Flexible Growth Medium.....	176.34	
			Note: Applied with seed. Excludes seed.		
			<i>For >45, Deduct</i>	-10.37	
32 92 19 13-0032	MSF		4,500 LB/Acre, High Performance - Flexible Growth Medium.....	196.06	
			Note: Applied with seed. Excludes seed.		
			<i>For >45, Deduct</i>	-11.43	
32 92 19 19			Seeding by Hand <small>(32 92 19)</small>		
			Note: Includes fertilizing, liming, mixing, seeding and initial watering.		
32 92 19 19-0001			Push Spreader Or Hand Seeding <small>(32 92 19 19)</small>		
			Note: Excludes straw.		
32 92 19 19-0002	MSF		Common Bluegrass, Push Spreader Or Hand.....	104.64	
			Note: 4 LB/MSF spread rate.		
			<i>For >5 To 20, Deduct</i>	-7.29	
			<i>For >20 To 45, Deduct</i>	-14.01	
			<i>For >45, Deduct</i>	-22.79	
32 92 19 19-0003	MSF		Tall Fescue, Push Spreader Or Hand.....	95.20	
			Note: 5.5 LB/MSF spread rate.		
			<i>For >5 To 20, Deduct</i>	-6.81	
			<i>For >20 To 45, Deduct</i>	-13.30	
			<i>For >45, Deduct</i>	-21.85	
32 92 19 19-0004	MSF		Rye, Push Spreader Or Hand.....	95.87	
			Note: 10 LB/MSF spread rate.		
			<i>For >5 To 20, Deduct</i>	-6.85	
			<i>For >20 To 45, Deduct</i>	-13.35	
			<i>For >45, Deduct</i>	-21.91	
32 92 19 19-0005	MSF		Shade Mix, Push Spreader Or Hand.....	99.27	
			Note: 6 LB/MSF spread rate. Mixture of red fescue, creeping red fescue, perennial rye and bluegrass.		
			<i>For >5 To 20, Deduct</i>	-7.02	
			<i>For >20 To 45, Deduct</i>	-13.61	
			<i>For >45, Deduct</i>	-22.25	
32 92 19 19-0006	MSF		Turf Mix, Push Spreader Or Hand.....	101.71	
			Note: 4 LB/MSF spread rate. Mixture of three varieties of bluegrass and one improved perennial ryegrass.		
			<i>For >5 To 20, Deduct</i>	-7.14	
			<i>For >20 To 45, Deduct</i>	-13.79	
			<i>For >45, Deduct</i>	-22.50	
32 92 19 19-0007	MSF		Slope Mix, Push Spreader Or Hand.....	98.45	
			Note: 6 LB/MSF spread rate.		
			<i>For >5 To 20, Deduct</i>	-6.98	
			<i>For >20 To 45, Deduct</i>	-13.55	
			<i>For >45, Deduct</i>	-22.17	
32 92 19 19-0008	MSF		Utility Mix, Push Spreader Or Hand.....	94.39	
			Note: 7 LB/MSF spread rate. Mixture of perennial/annual rye, creeping red fescue and bluegrass.		
			<i>For >5 To 20, Deduct</i>	-6.77	
			<i>For >20 To 45, Deduct</i>	-13.24	
			<i>For >45, Deduct</i>	-21.77	
32 92 19 19-0009	MSF		Wild Flower Mix, Push Spreader Or Hand.....	86.74	
			Note: 0.10 LB/MSF spread rate.		
			<i>For >5 To 20, Deduct</i>	-6.39	
			<i>For >20 To 45, Deduct</i>	-12.67	
			<i>For >45, Deduct</i>	-21.00	
32 92 19 19-0010	MSF		Crown Vetch Mix, Push Spreader Or Hand.....	147.27	
			Note: 4 LB/MSF spread rate.		
			<i>For >5 To 20, Deduct</i>	-9.42	
			<i>For >20 To 45, Deduct</i>	-17.21	
			<i>For >45, Deduct</i>	-27.05	
32 92 19 19-0011	MSF		Athletic Mix, Push Spreader Or Hand.....	111.47	
			Note: 8 LB/MSF spread rate. Mixture of drought resistant bluegrass, tall fescue and Kentucky bluegrass.		
			<i>For >5 To 20, Deduct</i>	-7.63	
			<i>For >20 To 45, Deduct</i>	-14.52	
			<i>For >45, Deduct</i>	-23.47	
32 92 19 19-0012	MSF		White Clover Mix, Push Spreader Or Hand.....	86.66	
			Note: 7 LB/MSF spread rate.		
			<i>For >5 To 20, Deduct</i>	-6.39	
			<i>For >20 To 45, Deduct</i>	-12.66	
			<i>For >45, Deduct</i>	-20.99	

		Exterior Improvements	32
		Planting	32 90
		Turf and Grasses	32 92

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 92 19 19-0013	MSF		Ladino Clover Mix, Push Spreader Or Hand.....	89.91	
			Note: 7 LB/MSF spread rate.		
			For >5 To 20, Deduct	-6.55	
			For >20 To 45, Deduct	-12.91	
			For >45, Deduct	-21.32	
32 92 19 19-0014	MSF		100% Kentucky Bluegrass, Push Spreader Or Hand.....	106.18	
			Note: 3.3 LB/MSF spread rate.		
			For >5 To 20, Deduct	-7.36	
			For >20 To 45, Deduct	-14.13	
			For >45, Deduct	-22.95	
32 92 19 19-0015	MSF		70% Kentucky Bluegrass And 30% Fescue, Push Spreader Or Hand	101.71	
			Note: 3.3 LB/MSF spread rate.		
			For >5 To 20, Deduct	-7.14	
			For >20 To 45, Deduct	-13.79	
			For >45, Deduct	-22.50	
32 92 19 19-0016	MSF		50% Kentucky Bluegrass And 50% Fescue, Push Spreader Or Hand	98.45	
			Note: 3.3 LB/MSF spread rate.		
			For >5 To 20, Deduct	-6.98	
			For >20 To 45, Deduct	-13.55	
			For >45, Deduct	-22.17	
32 92 19 19-0017	MSF		50% Kentucky Bluegrass And 50% Perennial Rye, Push Spreader Or Hand.....	104.96	
			Note: 4.4 LB/MSF spread rate.		
			For >5 To 20, Deduct	-7.30	
			For >20 To 45, Deduct	-14.04	
			For >45, Deduct	-22.82	
32 92 19 19-0018	MSF		60% Kentucky Bluegrass, 20% Creeping Red Fescue, 10% Red Top And 10% Domestic Rye, Push Spreader Or Hand.....	100.08	
			Note: 3.3 LB/MSF spread rate.		
			For >5 To 20, Deduct	-7.06	
			For >20 To 45, Deduct	-13.67	
			For >45, Deduct	-22.34	
32 92 19 19-0019	MSF		40% Creeping Red Fescue, 30% Kentucky Bluegrass, 10% Red Top, And 20% Blue Tag Perennial Rye, Push Spreader Or Hand	101.71	
			Note: 3.3 LB/MSF spread rate.		
			For >5 To 20, Deduct	-7.14	
			For >20 To 45, Deduct	-13.79	
			For >45, Deduct	-22.50	

32 92 23 Sodding (32 92)

Note: Includes raking preparation, water thoroughly and allow surface to dry before planting, rolling of sod, sanding seams for (up to 16" wide by 24" long) squares or (up to 24" wide by 54" long) rolls and initial watering within 2 hours after planting.

32 92 23 00-0001 Tall Fescue Sod (32 92 23)

32 92 23 00-0002	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Level Ground	2,138.75
		For Hybrid Fescue "Marathon", Add	145.94
32 92 23 00-0003	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,736.77
		For Hybrid Fescue "Marathon", Add	109.98
32 92 23 00-0004	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,469.42
		For Hybrid Fescue "Marathon", Add	92.00
32 92 23 00-0005	MSF	>8,000 SF, Tall Fescue Sod, Installed On Level Ground.....	1,253.71
		For Hybrid Fescue "Marathon", Add	74.02
32 92 23 00-0006	MSF	Up To 1,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes	2,460.09
		For Hybrid Fescue "Marathon", Add	145.94
32 92 23 00-0007	MSF	>1,000 To 4,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	2,010.63
		For Hybrid Fescue "Marathon", Add	109.98
32 92 23 00-0008	MSF	>4,000 To 8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,658.36
		For Hybrid Fescue "Marathon", Add	92.00
32 92 23 00-0009	MSF	>8,000 SF, Tall Fescue Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,414.38
		For Hybrid Fescue "Marathon", Add	74.02

32 92 23 00-0010 Kentucky Blue Grass Sod (32 92 23)

32 92 23 00-0011	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground	1,811.77
32 92 23 00-0012	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	1,491.54
32 92 23 00-0013	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	1,265.06
32 92 23 00-0014	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Level Ground.....	1,090.22
32 92 23 00-0015	MSF	Up To 1,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes	2,133.11
32 92 23 00-0016	MSF	>1,000 To 4,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,765.40
32 92 23 00-0017	MSF	>4,000 To 8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,454.00
32 92 23 00-0018	MSF	>8,000 SF, Kentucky Blue Grass Sod, Installed On Sloped (>1:6) Ground With Stakes.....	1,250.89

32 93 Plants (32 93)

32 93 13 Ground Covers (32 93)

Note: Materials only. See CSI section 32 93 83 00-0062 for installation and planting of ground cover.

32 93 13 00-0001 Ground Covers (32 93 13)

32 93 13 00-0002	EA	1 Quart Baccharis Pilularis - Dwarf Coyote Bush.....	11.25
32 93 13 00-0003	EA	1 Gallon Baccharis Pilularis - Dwarf Coyote Bush	19.49
32 93 13 00-0004	EA	1 Quart Carex 'Bowles Golden' - Variegated Japanese Sedge	39.74
32 93 13 00-0005	EA	1 Gallon Carex 'Bowles Golden' - Variegated Japanese Sedge	51.73
32 93 13 00-0006	EA	2 Gallon Juniperus horizontalis 'Plumosa Compacta' - Andorra Creeping Juniper	65.48
32 93 13 00-0007	EA	1 Quart Waldsteinia temata - Barren Strawberry.....	11.25
32 93 13 00-0008	EA	1 Gallon Waldsteinia temata - Barren Strawberry.....	26.99

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 13 00-0009	EA	1 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	36.74	
32 93 13 00-0010	EA	2 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	69.72	
32 93 13 00-0011	EA	5 Gallon Cotoneaster dammeri - Bearberry Cotoneaster.....	122.95	
32 93 13 00-0012	EA	1 Gallon Liriope muscari 'Big Blue' - Big Blue Liriope.....	12.58	
32 93 13 00-0013	EA	1 Gallon Distictis buccinatoria - Blood Red Trumpet Vine.....	23.24	
32 93 13 00-0014	EA	5 Gallon Distictis buccinatoria - Blood Red Trumpet Vine.....	81.72	
32 93 13 00-0015	EA	1 Gallon Juniperus horizontalis 'Wiltoni' - Blue Rug Juniper.....	30.51	
32 93 13 00-0016	EA	4" Pot Parthenocissus tricuspidata - Boston Ivy.....	14.99	
32 93 13 00-0017	EA	1 Gallon Parthenocissus tricuspidata - Boston Ivy.....	34.19	
32 93 13 00-0018	EA	5 Gallon Parthenocissus tricuspidata - Boston Ivy.....	93.56	
32 93 13 00-0019	EA	3 Gallon Bougainvillea spectabilis - Bougainvillea.....	39.32	
32 93 13 00-0020	EA	1 Quart Iberis sempervirens - Candytuft.....	11.25	
32 93 13 00-0021	EA	1 Gallon Iberis sempervirens - Candytuft.....	26.99	
32 93 13 00-0022	EA	1 Gallon Gelsemium sempervirens - Carolina Jessamine.....	32.39	
32 93 13 00-0023	EA	5 Gallon Gelsemium sempervirens - Carolina Jessamine.....	116.96	
32 93 13 00-0024	EA	3" Pot Ajuga reptans - Carpet Bugle.....	6.75	
32 93 13 00-0025	EA	1 Quart Ajuga reptans - Carpet Bugle.....	11.24	
32 93 13 00-0026	EA	1 Gallon Ajuga reptans - Carpet Bugle.....	26.99	
32 93 13 00-0027	EA	24 Plant Flat Ajuga reptans - Carpet Bugle.....	116.20	
32 93 13 00-0028	EA	1 Gallon Macfadyena unguis-cati - Cat Claw Vine.....	26.99	
32 93 13 00-0029	EA	5 Gallon Macfadyena unguis-cati - Cat Claw Vine.....	116.96	
32 93 13 00-0030	EA	1 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	35.24	
32 93 13 00-0031	EA	3 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	77.97	
32 93 13 00-0032	EA	5 Gallon Wisteria sinensis - Chinese Wisteria Vine.....	116.95	
32 93 13 00-0033	EA	1 Gallon Ranunculaceae - Clematis Varieties.....	38.74	
32 93 13 00-0034	EA	2 Gallon Ranunculaceae - Clematis Varieties.....	71.64	
32 93 13 00-0035	EA	1 Gallon Hydrangea petiolaris - Climbing Hydrangea.....	48.73	
32 93 13 00-0036	EA	2 Gallon Hydrangea petiolaris - Climbing Hydrangea.....	91.47	
32 93 13 00-0037	EA	5 Gallon Hydrangea petiolaris - Climbing Hydrangea.....	149.94	
32 93 13 00-0038	EA	4" Pot Lantana camera - Common Lantana.....	6.75	
32 93 13 00-0039	EA	1 Gallon Lantana camera - Common Lantana.....	19.49	
32 93 13 00-0040	EA	1 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia.....	23.24	
32 93 13 00-0041	EA	5 Gallon Gardenia jasminoides 'Radicans' - Creeping Gardenia.....	76.47	
32 93 13 00-0042	EA	2 Quart Lysimachia nummularia - Creeping Jenny.....	11.25	
32 93 13 00-0043	EA	1 Gallon Lysimachia nummularia - Creeping Jenny.....	21.74	
32 93 13 00-0044	EA	2 Quart Liriope spicata - Creeping Lilytuft.....	19.49	
32 93 13 00-0045	EA	1 Gallon Liriope spicata - Creeping Lilytuft.....	35.24	
32 93 13 00-0046	EA	5 Gallon Liriope spicata - Creeping Lilytuft.....	74.22	
32 93 13 00-0047	EA	Bare Root Liriope spicata - Creeping Liriope.....	4.91	
32 93 13 00-0048	EA	3" Pot Rosmarinus officinalis 'Prostratus' - Creeping Rosemary.....	6.75	
32 93 13 00-0049	EA	1 Gallon Rosmarinus officinalis 'Prostratus' - Creeping Rosemary.....	26.99	
32 93 13 00-0050	EA	2-1/4" Pot Securigera varia - Crown Vetch.....	4.50	
32 93 13 00-0051	EA	50 Plant Flat Securigera varia - Crown Vetch.....	152.19	
32 93 13 00-0052	EA	1 Quart Senecio cineraria - Dusty Miller.....	11.25	
32 93 13 00-0053	EA	1 Gallon Senecio cineraria - Dusty Miller.....	26.99	
32 93 13 00-0054	EA	2 Gallon Aristolochia macrophylla - Dutchman's Pipe.....	93.71	
32 93 13 00-0055	EA	5 Gallon Aristolochia macrophylla - Dutchman's Pipe.....	171.68	
32 93 13 00-0056	EA	1 Gallon Ilex cornuta - Dwarf Holly.....	20.36	
32 93 13 00-0057	EA	3 Gallon Ilex cornuta - Dwarf Holly.....	43.64	
32 93 13 00-0058	EA	3 Gallon Rhamphilepis umbellata 'Minor' - Dwarf Indian Hawthorn.....	43.64	
32 93 13 00-0059	EA	1 Gallon Tradescantia spathacea - Dwarf Oyster Plant.....	14.54	
32 93 13 00-0060	EA	2" To 3" Pot Hedera helix - English Ivy.....	6.75	
32 93 13 00-0061	EA	12" To 15" Runners Hedera helix - English Ivy.....	11.25	
32 93 13 00-0062	EA	1 Gallon Hedera helix - English Ivy.....	26.99	
32 93 13 00-0063	EA	50 Plant Flat Hedera helix - English Ivy.....	155.94	
32 93 13 00-0064	EA	4" Pot Lavandula angustifolia - English Lavender.....	9.75	
32 93 13 00-0065	EA	1 Quart Lavandula angustifolia - English Lavender.....	18.74	
32 93 13 00-0066	EA	1 Gallon Lavandula angustifolia - English Lavender.....	30.74	
32 93 13 00-0067	EA	1 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper.....	29.24	
32 93 13 00-0068	EA	2 Gallon Euonymus fortunei 'Kewensis' - Wintercreeper.....	58.48	
32 93 13 00-0069	EA	1 Quart Arundo donax - Giant Reed.....	35.99	
32 93 13 00-0070	EA	1 Gallon Arundo donax - Giant Reed.....	51.73	
32 93 13 00-0071	EA	1 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle.....	30.74	
32 93 13 00-0072	EA	2 Gallon Lonicera x heckrottii - Gold Flame Honeysuckle.....	58.48	
32 93 13 00-0073	EA	1 Quart Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass.....	39.74	
32 93 13 00-0074	EA	1 Gallon Hakonechloa macra 'Aureola' - Golden Variegated Hakone Grass.....	59.98	
32 93 13 00-0075	EA	3" Pot Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle.....	6.75	
32 93 13 00-0076	EA	1 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle.....	30.74	
32 93 13 00-0077	EA	2 Gallon Lonicera japonica 'Halliana' - Hall's Japanese Honeysuckle.....	58.48	
32 93 13 00-0078	EA	1 Gallon Hardenbergia violacea - Happy Wanderer.....	26.99	
32 93 13 00-0079	EA	5 Gallon Hardenbergia violacea - Happy Wanderer.....	89.97	
32 93 13 00-0080	EA	3 Gallon Hibiscus, Assorted Colors.....	35.16	
32 93 13 00-0081	EA	1 Gallon Acorus gramineus - Japanese Sweet Flag.....	28.12	
32 93 13 00-0082	EA	1 Gallon Jasminum volubile - Wax Jasmine.....	14.16	
32 93 13 00-0083	EA	1 Gallon Jasminum volubile - Wax Jasmine.....	35.16	
32 93 13 00-0084	EA	1 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper.....	17.66	
32 93 13 00-0085	EA	3 Gallon Juniperus davurica 'Parsonii' - Parson's Juniper.....	39.32	
32 93 13 00-0086	EA	1 Gallon Cissus antarctica - Kangaroo Vine.....	21.74	
32 93 13 00-0087	EA	5 Gallon Cissus antarctica - Kangaroo Vine.....	68.22	
32 93 13 00-0088	EA	1 Quart Stachys byzantina - Lamb's Ear.....	11.25	
32 93 13 00-0089	EA	1 Quart Stachys byzantina - Lamb's Ear.....	26.99	
32 93 13 00-0090	EA	1 Gallon Lantana spp. Various Colors.....	15.91	
32 93 13 00-0091	EA	1 Gallon Lantana sellowiana - Trailing Lantana.....	10.47	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 13 00-0092	EA	1	Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	21.74	
32 93 13 00-0093	EA	5	Gallon Cocculus laurifolius - Laurel-leaf Snailseed.....	77.97	
32 93 13 00-0094	EA	1	Gallon Liriope Evergreen Giant, 6 To 8 Bibs Minimum.....	15.91	
32 93 13 00-0095	EA	1	Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum.....	20.08	
32 93 13 00-0096	EA	3	Gallon Variegated Liriope Evergreen Giant, 6 To 8 Bibs Minimum.....	32.10	
32 93 13 00-0097	EA	1	Quart Moss Phlox, Creeping Phlox.....	11.25	
32 93 13 00-0098	EA	1	Gallon Moss Phlox, Creeping Phlox.....	26.99	
32 93 13 00-0099	EA	1	Gallon Nephrolepis exaltata - Common Boston Fern.....	14.16	
32 93 13 00-0100	EA	4"	Pot Ophiopogon Japonicus - Mondo grass.....	6.75	
32 93 13 00-0101	EA	1	Gallon Ophiopogon Japonicus - Mondo grass.....	26.99	
32 93 13 00-0102	EA	5	Gallon Ophiopogon Japonicus - Mondo grass.....	62.23	
32 93 13 00-0103	EA	2'	To 3' High Oregon Holly-Grape.....	31.16	
32 93 13 00-0104	EA	1	Gallon Pachysandra terminalis - Pachysandra.....	40.59	
32 93 13 00-0105	EA	2-1/4"	Pot Vinca minor - Periwinkle.....	3.75	
32 93 13 00-0106	EA	4"	Pot Vinca minor - Periwinkle.....	11.25	
32 93 13 00-0107	EA		Bare Root Vinca minor - Periwinkle.....	3.75	
32 93 13 00-0108	EA	1	Quart Nepeta mussinii - Persian Catmint.....	11.25	
32 93 13 00-0109	EA	1	Gallon Nepeta mussinii - Persian Catmint.....	23.24	
32 93 13 00-0110	EA	1	Gallon Coprosma kirkii - Prostrate Coprosma.....	18.74	
32 93 13 00-0111	EA	5	Gallon Coprosma kirkii - Prostrate Coprosma.....	68.22	
32 93 13 00-0112	EA	1	Gallon Juniperus Horizontalis - Prostrate Juniper.....	30.74	
32 93 13 00-0113	EA	3	Gallon Juniperus Horizontalis - Prostrate Juniper.....	65.97	
32 93 13 00-0114	EA	5	Gallon Juniperus Horizontalis - Prostrate Juniper.....	97.46	
32 93 13 00-0115	EA	1	Quart Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper.....	26.77	
32 93 13 00-0116	EA	1	Gallon Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper.....	69.37	
32 93 13 00-0117	EA	24	Plant Flat Euonymus fortunei 'Coloratus' - Purple-leaf Wintercreeper.....	116.21	
32 93 13 00-0118	EA	1	Gallon Tradescantia spathacea - Rhoeo Discolor "Dwarf".....	14.16	
32 93 13 00-0119	EA	1	Quart Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue.....	15.74	
32 93 13 00-0120	EA	1	Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue.....	28.12	
32 93 13 00-0121	EA	2	Gallon Festuca glauca 'Sea Urchin' - Sea Urchin Blue Fescue.....	43.86	
32 93 13 00-0122	EA	1	Gallon Hymenocallis latifolia - Spider Lily.....	17.45	
32 93 13 00-0123	EA	3	Gallon Hymenocallis latifolia - Spider Lily.....	46.54	
32 93 13 00-0124	EA	1	Quart Hypericum perforatum - St. John's Wort.....	11.25	
32 93 13 00-0125	EA	1	Gallon Hypericum perforatum - St. John's Wort.....	26.99	
32 93 13 00-0126	EA	5	Gallon Hypericum perforatum - St. John's Wort.....	69.72	
32 93 13 00-0127	EA	24"	To 30" High Viburnum awabuki - Sweet Viburnum.....	94.89	
32 93 13 00-0128	EA	1	Gallon Campsis radicans - Trumpet Creeper.....	41.23	
32 93 13 00-0129	EA	2	Gallon Campsis radicans - Trumpet Creeper.....	62.23	
32 93 13 00-0130	EA	5	Gallon Campsis radicans - Trumpet Creeper.....	149.94	
32 93 13 00-0131	EA	2-1/4"	Pot Vinca major - Variegated Greater Periwinkle.....	3.75	
32 93 13 00-0132	EA	4"	Pot Vinca major - Variegated Greater Periwinkle.....	11.25	
32 93 13 00-0133	EA		Bare Root Vinca major - Variegated Greater Periwinkle.....	3.75	
32 93 13 00-0134	EA	1	Quart Carex hachijoensis - Variegated Japanese Sedge.....	20.24	
32 93 13 00-0135	EA	1	Gallon Carex hachijoensis - Variegated Japanese Sedge.....	28.12	
32 93 13 00-0136	EA	2	Gallon Carex hachijoensis - Variegated Japanese Sedge.....	43.86	
32 93 13 00-0137	EA	1	Gallon Liriope muscari 'Variegata' - Variegated Lilyturf.....	30.74	
32 93 13 00-0138	EA	2	Quart Verbena peruviana "St. Paul" - St. Paul Verbena.....	14.24	
32 93 13 00-0139	EA	1	Gallon Verbena peruviana "St. Paul" - St. Paul Verbena.....	21.74	
32 93 13 00-0140	EA	48	Plant Flat Vinca minor - Lesser Periwinkle.....	133.63	
32 93 13 00-0141	EA	3"	Pot Parthenocissus quinquefolia - Virginia Creeper.....	6.75	
32 93 13 00-0142	EA	1	Gallon Parthenocissus quinquefolia - Virginia Creeper.....	35.24	
32 93 13 00-0143	EA	1	Gallon Jasminum polyanthum - Winter Jasmine.....	26.99	
32 93 13 00-0144	EA	2	Gallon Jasminum polyanthum - Winter Jasmine.....	53.98	
32 93 13 00-0145	EA	5	Gallon Jasminum polyanthum - Winter Jasmine.....	93.71	
32 93 13 00-0146	EA	1	Gallon Cistaceae - Wrinkleleaf Rock Rose.....	21.74	
32 93 13 00-0147	EA	5	Gallon Cistaceae - Wrinkleleaf Rock Rose.....	74.22	
32 93 13 00-0148	EA	Flat	Hedera canariensis - Algerian Ivy.....	24.52	
32 93 13 00-0149	EA	2-1/2"	Pot Hedera canariensis - Algerian Ivy.....	6.47	
32 93 13 00-0150	EA	Flat	Gazania 'Copper King'.....	20.11	
32 93 13 00-0151	EA	1	Gallon Gazania 'Copper King'.....	6.87	
32 93 13 00-0152	EA	Flat	Myoporum parvifolium - Myoporum.....	24.52	
32 93 13 00-0153	EA	1	Gallon Myoporum parvifolium - Myoporum.....	6.87	
32 93 13 00-0154	EA	5	Gallon Myoporum parvifolium - Myoporum.....	19.62	
32 93 13 00-0155	EA	1	Gallon Lantana montevidensis - Purple Lantana.....	6.87	
32 93 13 00-0156	EA	5	Gallon Lantana montevidensis - Purple Lantana.....	19.62	
32 93 13 00-0157	EA	Flat	Carpobrotus - Ice Plant.....	18.64	
32 93 13 00-0158	EA	1	Gallon Carpobrotus - Ice Plant.....	7.85	
32 93 13 00-0159	EA	1	Gallon Acmispon galaber - Common Deerweed.....	14.70	
32 93 13 00-0160	EA	1	Gallon Acacia redolens - Bank Catclaw.....	6.09	
32 93 13 00-0161	EA	5	Gallon Acacia redolens - Bank Catclaw.....	18.90	
32 93 13 00-0162	EA	15	Gallon Acacia redolens - Bank Catclaw.....	73.49	
32 93 13 00-0163	EA	1	Gallon Achillea filipendulina - Fernleaf Yarrow.....	9.03	
32 93 13 00-0164	EA	1	Gallon Achillea millefolium - Common Yarrow.....	8.19	
32 93 13 00-0165	EA	5	Gallon Achillea millefolium - Common Yarrow.....	25.20	
32 93 13 00-0166	EA	1	Gallon Achillea millefolium 'Paprika' - Red Yarrow.....	9.03	
32 93 13 00-0167	EA	1	Gallon Achillea 'Moonshine' - Yellow yarrow.....	9.03	
32 93 13 00-0168	EA	1	Gallon Agave americana - Century Plant.....	12.39	
32 93 13 00-0169	EA	5	Gallon Agave americana - Century Plant.....	33.60	
32 93 13 00-0170	EA	15	Gallon Agave americana - Century Plant.....	102.89	
32 93 13 00-0171	EA	24"	Box Agave americana - Century Plant.....	367.46	
32 93 13 00-0172	EA	1	Gallon Agave vilmoriniana - Octopus Agave.....	12.39	
32 93 13 00-0173	EA	5	Gallon Agave vilmoriniana - Octopus Agave.....	33.60	
32 93 13 00-0174	EA	15	Gallon Agave vilmoriniana - Octopus Agave.....	102.89	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 93 13 00-0175	EA	24" Box Agave vilmoriniana - Octopus Agave.....	367.46	
32 93 13 00-0176	EA	5 Gallon Nolina parryi - Giant Nolina	33.60	
32 93 13 00-0177		Ornamental Grasses <small>(32 93 13)</small>		
32 93 13 00-0178	EA	1 Gallon, Cortaderia selloana - Pampas Grass.....	32.44	
32 93 13 00-0179	EA	2 Gallon, Cortaderia selloana - Pampas Grass.....	59.97	
32 93 13 00-0180	EA	3 Gallon, Cortaderia selloana - Pampas Grass.....	108.99	
32 93 13 00-0181	EA	5 Gallon, Cortaderia selloana - Pampas Grass.....	198.37	
32 93 13 00-0182	EA	1 Quart, Imperata cylindrica - Japanese Blood Grass.....	24.83	
32 93 13 00-0183	EA	1 Gallon, Imperata cylindrica - Japanese Blood Grass	33.02	
32 93 13 00-0184	EA	2 Gallon, Imperata cylindrica - Japanese Blood Grass	35.34	
32 93 13 00-0185	EA	1 Quart, Koeleria glauca - Blue Hair Grass.....	24.77	
32 93 13 00-0186	EA	1 Gallon, Koeleria glauca - Blue Hair Grass	33.02	
32 93 13 00-0187	EA	3 Gallon, Koeleria glauca - Blue Hair Grass	79.89	
32 93 13 00-0188	EA	1 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	31.35	
32 93 13 00-0189	EA	3 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	40.63	
32 93 13 00-0190	EA	5 Gallon, Miscanthus sinensis 'Gracillimus' - Maiden Grass	77.68	
32 93 13 00-0191	EA	1 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	29.10	
32 93 13 00-0192	EA	3 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	45.75	
32 93 13 00-0193	EA	5 Gallon, Miscanthus sinensis 'Zebrinus' - Zebra Grass	78.29	
32 93 13 00-0194	EA	1 Quart, Pennisetum setaceum - Fountain Grass.....	27.09	
32 93 13 00-0195	EA	1 Gallon, Pennisetum setaceum - Fountain Grass	68.91	
32 93 13 00-0196	EA	3 Gallon, Pennisetum setaceum - Fountain Grass	90.84	
32 93 13 00-0197	EA	1 Gallon, Saccharum ravennae - Ravenna Grass	85.76	
32 93 13 00-0198	EA	3 Gallon, Saccharum ravennae - Ravenna Grass	96.34	
32 93 13 00-0199	EA	7 Gallon, Saccharum ravennae - Ravenna Grass	158.94	
32 93 13 00-0200	EA	1 Gallon, Spartina pectinata - Variegated Cord Grass.....	46.57	
32 93 13 00-0201	EA	2 Gallon, Spartina pectinata - Variegated Cord Grass.....	69.69	
32 93 13 00-0202	EA	1 Quart, Stipa gigantea - Giant Feather Grass	35.55	
32 93 13 00-0203	EA	1 Gallon, Stipa gigantea - Giant Feather Grass.....	49.53	
32 93 23		Plants and Bulbs <small>(32 93)</small>		
		Note: Materials only. See CSI section 32 93 83 00-0062 for installation and planting of bulbs and annuals.		
32 93 23 00-0001		Perennials <small>(32 93 23)</small>		
32 93 23 00-0002	EA	2 Quart Assorted Daylilies	21.74	
32 93 23 00-0003	EA	1 Gallon Assorted Daylilies.....	30.74	
32 93 23 00-0004	EA	2 Gallon Assorted Daylilies	50.98	
32 93 23 00-0005	EA	1 Quart Azure Penstemon	11.24	
32 93 23 00-0006	EA	1 Gallon Azure Penstemon	28.11	
32 93 23 00-0007	EA	1 Quart Balloon Flower	11.24	
32 93 23 00-0008	EA	1 Gallon Balloon Flower.....	28.11	
32 93 23 00-0009	EA	1 Quart Black-eyed Susan	11.24	
32 93 23 00-0010	EA	1 Gallon Black-eyed Susan	28.11	
32 93 23 00-0011	EA	2 Gallon Black-eyed Susan.....	36.36	
32 93 23 00-0012	EA	1 Quart Blackberry Lily.....	11.24	
32 93 23 00-0013	EA	1 Gallon Blackberry Lily	28.11	
32 93 23 00-0014	EA	1 Quart Blank Flower	11.24	
32 93 23 00-0015	EA	1 Gallon Blank Flower.....	25.87	
32 93 23 00-0016	EA	2 Gallon Blank Flower.....	36.36	
32 93 23 00-0017	EA	1 Quart Blazing Star, Gayfeather	11.24	
32 93 23 00-0018	EA	1 Gallon Blazing Star, Gayfeather	28.11	
32 93 23 00-0019	EA	1 Quart Bloodred Geranium.....	19.12	
32 93 23 00-0020	EA	1 Gallon Bloodred Geranium	32.24	
32 93 23 00-0021	EA	1 Quart Blue Plumbago.....	11.24	
32 93 23 00-0022	EA	1 Gallon Blue Plumbago	28.11	
32 93 23 00-0023	EA	1 Quart Blue Star.....	20.24	
32 93 23 00-0024	EA	1 Gallon Blue Star.....	32.24	
32 93 23 00-0025	EA	1 Quart Cardinal Flower.....	11.24	
32 93 23 00-0026	EA	1 Gallon Cardinal Flower	28.11	
32 93 23 00-0027	EA	4" Pot Columbine.....	6.75	
32 93 23 00-0028	EA	1 Quart Columbine.....	11.24	
32 93 23 00-0029	EA	1 Gallon Columbine	28.11	
32 93 23 00-0030	EA	1 Quart Common Globeflower	11.24	
32 93 23 00-0031	EA	1 Gallon Common Globeflower	28.11	
32 93 23 00-0032	EA	1 Quart Cottage Pink, Scotch Pink	11.24	
32 93 23 00-0033	EA	1 Quart Cottage Pink, Scotch Pink	28.11	
32 93 23 00-0034	EA	1 Gallon Astilbe 'Deutschland'	40.49	
32 93 23 00-0035	EA	1 Quart Diploid.....	14.25	
32 93 23 00-0036	EA	1 Gallon Diploid	32.24	
32 93 23 00-0037	EA	3 Gallon Diploid	55.48	
32 93 23 00-0038	EA	4" Pot Dune Sunflower.....	16.05	
32 93 23 00-0039	EA	1 Quart Evans Begonia.....	20.24	
32 93 23 00-0040	EA	1 Gallon Evans Begonia	36.36	
32 93 23 00-0041	EA	1 Quart False Dragonhead	11.24	
32 93 23 00-0042	EA	1 Gallon False Dragonhead	28.11	
32 93 23 00-0043	EA	1 Quart False Spirea	11.24	
32 93 23 00-0044	EA	1 Gallon False Spirea	36.36	
32 93 23 00-0045	EA	3 Gallon False Spirea	50.23	
32 93 23 00-0046	EA	2 Quart False Sunflower	17.99	
32 93 23 00-0047	EA	1 Gallon False Sunflower	28.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0048 EA 2 Gallon False Sunflower.....	36.36	
32 93 23 00-0049 EA 1 Gallon Foxglove.....	25.87	
32 93 23 00-0050 EA 2 Gallon Foxglove.....	36.36	
32 93 23 00-0051 EA 3 Gallon Foxglove.....	52.48	
32 93 23 00-0052 EA 1 Gallon Francee Hostas.....	45.53	
32 93 23 00-0053 EA 1 Quart Garden Phlox.....	11.24	
32 93 23 00-0054 EA 1 Gallon Garden Phlox.....	28.11	
32 93 23 00-0055 EA 2 Quart Golden Groundsel.....	23.99	
32 93 23 00-0056 EA 2 Gallon Golden Groundsel.....	48.36	
32 93 23 00-0057 EA 1 Quart Golden Star.....	11.24	
32 93 23 00-0058 EA 1 Gallon Golden Star.....	28.11	
32 93 23 00-0059 EA 1 Quart Goldenrod.....	11.24	
32 93 23 00-0060 EA 1 Gallon Goldenrod.....	28.11	
32 93 23 00-0061 EA 1 Gallon Happy Returns Dayillies.....	52.36	
32 93 23 00-0062 EA 4" Pot Hardy Aster, Michaelmas Daisy.....	6.75	
32 93 23 00-0063 EA 1 Quart Hardy Aster, Michaelmas Daisy.....	11.24	
32 93 23 00-0064 EA 1 Gallon Hardy Aster, Michaelmas Daisy.....	28.11	
32 93 23 00-0065 EA 1 Quart Hardy Chrysanthemum.....	9.75	
32 93 23 00-0066 EA 6" To 8" Pot Hardy Chrysanthemum.....	16.12	
32 93 23 00-0067 EA 1 Gallon Hardy Chrysanthemum.....	25.87	
32 93 23 00-0068 EA 1 Gallon Herbaceous Peony.....	40.11	
32 93 23 00-0069 EA 2 Gallon Herbaceous Peony.....	64.10	
32 93 23 00-0070 EA 3 Gallon Herbaceous Peony.....	84.35	
32 93 23 00-0071 EA 4" Pot Japanese Anemone.....	6.75	
32 93 23 00-0072 EA 1 Quart Japanese Anemone.....	20.24	
32 93 23 00-0073 EA 2 Gallon Japanese Anemone.....	36.36	
32 93 23 00-0074 EA 2" Pot Japanese Spurge.....	4.00	
32 93 23 00-0075 EA 6" Pot Japanese Spurge.....	6.00	
32 93 23 00-0076 EA 1 Gallon Japanese Spurge.....	25.83	
32 93 23 00-0077 EA 1 Quart Oriental Poppy.....	16.12	
32 93 23 00-0078 EA 1 Gallon Oriental Poppy.....	32.24	
32 93 23 00-0079 EA 48 Plant Flat Pachysandra terminalis.....	133.63	
32 93 23 00-0080 EA 1 Gallon Pacific Coast Iris.....	22.12	
32 93 23 00-0081 EA 3 Gallon Pacific Coast Iris.....	41.99	
32 93 23 00-0082 EA 1 Gallon Palace Purple Coral Bells.....	42.57	
32 93 23 00-0083 EA 4" Pot Perennial Salvia.....	6.75	
32 93 23 00-0084 EA 1 Quart Perennial Salvia.....	11.24	
32 93 23 00-0085 EA 1 Gallon Perennial Salvia.....	28.11	
32 93 23 00-0086 EA 1 Quart Pincushion Flower.....	11.24	
32 93 23 00-0087 EA 1 Gallon Pincushion Flower.....	28.11	
32 93 23 00-0088 EA 2 Quart Plantain Lily.....	21.74	
32 93 23 00-0089 EA 1 Gallon Plantain Lily.....	30.74	
32 93 23 00-0090 EA 2 Gallon Plantain Lily.....	50.98	
32 93 23 00-0091 EA 3 Gallon Plantain Lily.....	96.35	
32 93 23 00-0092 EA 2 Quart Purple Coneflower.....	20.24	
32 93 23 00-0093 EA 1 Gallon Purple Coneflower.....	28.11	
32 93 23 00-0094 EA 2 Gallon Purple Coneflower.....	36.36	
32 93 23 00-0095 EA 1 Quart Purple Loosestrife.....	11.24	
32 93 23 00-0096 EA 1 Gallon Purple Loosestrife.....	28.11	
32 93 23 00-0097 EA 1 Quart Rose Mallow.....	22.12	
32 93 23 00-0098 EA 2 Gallon Rose Mallow.....	40.11	
32 93 23 00-0099 EA 3 Gallon Rose Mallow.....	68.60	
32 93 23 00-0100 EA 1 Gallon Autumn Joy Sedum.....	42.86	
32 93 23 00-0101 EA 1 Quart Siberian Iris.....	19.12	
32 93 23 00-0102 EA 2 Gallon Siberian Iris.....	36.36	
32 93 23 00-0103 EA 3 Gallon Siberian Iris.....	50.23	
32 93 23 00-0104 EA 1 Quart Speedwell.....	11.24	
32 93 23 00-0105 EA 1 Gallon Speedwell.....	28.11	
32 93 23 00-0106 EA 1 Quart Tetraploid.....	28.11	
32 93 23 00-0107 EA 1 Gallon Tetraploid.....	52.48	
32 93 23 00-0108 EA 3 Gallon Tetraploid.....	71.60	
32 93 23 00-0109 EA 1 Quart Threadleaf Coreopsis.....	11.24	
32 93 23 00-0110 EA 1 Gallon Threadleaf Coreopsis.....	28.11	
32 93 23 00-0111 EA 1 Quart Torch Lily.....	11.24	
32 93 23 00-0112 EA 1 Quart Bluebeard.....	20.24	
32 93 23 00-0113 EA 1 Gallon Bluebeard.....	29.99	
32 93 23 00-0114 EA 2 Gallon Bluebeard.....	43.86	
32 93 23 00-0115 Annuals <small>(32 93 23)</small>		
32 93 23 00-0116 EA 2-1/2" Pot Annual Flowers.....	5.22	
32 93 23 00-0117 EA 3" Pot Annual Flowers.....	7.06	
32 93 23 00-0118 EA 4" Pot Annual Flowers.....	15.09	
32 93 23 00-0119 EA 5-1/2" Pot Annual Flowers.....	20.06	
32 93 23 00-0120 EA 6" Pot Annual Flowers.....	39.73	
32 93 23 00-0121 EA 8" Pot Annual Flowers.....	66.21	
32 93 23 00-0122 EA 36 Plant Flat Annual Flowers.....	86.68	
32 93 23 00-0123 EA 48 Plant Flat Annual Flowers.....	98.31	
32 93 23 00-0124 Bulbs <small>(32 93 23)</small>		
32 93 23 00-0125 EA Top Size Allium giganteum - Giant Ornamental Onion.....	18.15	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 23 00-0126	EA	Top Size Allium sphaerocephalum - Drumstick Ornamental Onion	1.05	
32 93 23 00-0127	EA	Top Size Crocus Hybrid	1.19	
32 93 23 00-0128	EA	Top Size Eranthis hyemalis - Winter Aconite	1.54	
32 93 23 00-0129	EA	Top Size Galanthus nivalis - Snowdrops	1.95	
32 93 23 00-0130	EA	Top Size Iris reticulata cvs - Dutch Iris	0.77	
32 93 23 00-0131	EA	Top Size Muscari armeniacum - Grape Hyacinth	0.91	
32 93 23 00-0132	EA	Top Size Muscari latifolium - Grape Hyacinth	1.05	
32 93 23 00-0133	EA	Narcissus 'Carlton' - Carlton Daffodil DNI	6.28	
32 93 23 00-0134	EA	Narcissus 'Dutch Master' - Dutch Master Daffodil DNI	3.00	
32 93 23 00-0135	EA	Narcissus 'February Gold' - February Gold Daffodil DNI	3.14	
32 93 23 00-0136	EA	Narcissus 'Ice Follies' - Ice Follies Daffodil DNI	3.14	
32 93 23 00-0137	EA	Narcissus 'Mount Hood' - Mount Hood Daffodil DNI	3.28	
32 93 23 00-0138	EA	Narcissus 'Papillon Blanc' - Papillon Blanc Daffodil DNI	3.49	
32 93 23 00-0139	EA	Narcissus 'Pipit' - Pipit Daffodil DNI	3.28	
32 93 23 00-0140	EA	Narcissus 'Salome' - Salome Daffodil DNI	3.07	
32 93 23 00-0141	EA	Narcissus 'Tete A Tete' - Tete A Tete Daffodil DNI	3.28	
32 93 23 00-0142	EA	Narcissus 'Thalia' - Thalia Daffodil DNI	3.28	
32 93 23 00-0143	EA	Top Size Scilla siberica - Siberian Squill	0.98	
32 93 23 00-0144	EA	Top Size Tulip 'Angelique' - Angelique Tulip	2.79	
32 93 23 00-0145	EA	Top Size Tulip 'Apeldoorn' - Apeldoorn Tulip	2.09	
32 93 23 00-0146	EA	Top Size Tulip 'Apricot Beauty' - Apricot Beauty Tulip	2.79	
32 93 23 00-0147	EA	Top Size Tulip 'Big Smile' - Big Smile Tulip	2.44	
32 93 23 00-0148	EA	Top Size Tulip 'Black Parrot' - Black Parrot Tulip	3.49	
32 93 23 00-0149	EA	Top Size Tulip 'Blue Heron' - Blue Heron Tulip	2.65	
32 93 23 00-0150	EA	Top Size Tulip 'Cardinal' - Cardinal Tulip	2.30	
32 93 23 00-0151	EA	Top Size Tulip 'Christmas Marvel' - Christmas Marvel Tulip	2.58	
32 93 23 00-0152	EA	Top Size Tulip clusiana - Species Tulip	2.58	
32 93 23 00-0153	EA	Top Size Tulip 'Elizabeth Arden' - Elizabeth Arden Tulip	2.58	
32 93 23 00-0154	EA	Top Size Tulip 'Golden Apledoorn' - Golden Apledoorn Tulip	2.09	
32 93 23 00-0155	EA	Top Size Tulip 'Golden Emperor' - Golden Emperor Tulip	2.02	
32 93 23 00-0156	EA	Top Size Tulip 'Halcro' - Halcro Tulip	2.09	
32 93 23 00-0157	EA	Top Size Tulip 'Ivory Floridale' - Ivory Floridale Tulip	3.49	
32 93 23 00-0158	EA	Top Size Tulip 'Orange Emperor' - Orange Emperor Tulip	2.09	
32 93 23 00-0159	EA	Top Size Tulip 'Passionale' - Passionale Tulip	2.79	
32 93 23 00-0160	EA	Top Size Tulip 'Peach Blossom' - Peach Blossom Tulip	3.00	
32 93 23 00-0161	EA	Top Size Tulip 'Peer Gynt' - Peer Gynt Tulip	3.14	
32 93 23 00-0162	EA	Top Size Tulip 'Pink Diamond' - Pink Diamond Tulip	2.51	
32 93 23 00-0163	EA	Top Size Tulip 'Pink Emperor' - Pink Emperor Tulip	2.37	
32 93 23 00-0164	EA	Top Size Tulip praetens 'Fusilier' - Praetens Fusilier Tulip	2.58	
32 93 23 00-0165	EA	Top Size Tulip 'Princeps' - Princeps Tulip	2.58	
32 93 23 00-0166	EA	Top Size Tulip 'Red Riding Hood' - Red Riding Hood Tulip	2.02	
32 93 23 00-0167	EA	Top Size Tulip saxatilis - Species Tulip	1.40	
32 93 23 00-0168	EA	Top Size Tulip 'Shirley' - Shirley Tulip	2.09	
32 93 23 00-0169	EA	Top Size Tulip 'Spring Green' - Spring Green Tulip	2.72	
32 93 23 00-0170	EA	Top Size Tulip 'White Emperor' - White Emperor Tulip	2.09	

32 93 33 Shrubs (32 93)

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0038 for installation and planting of shrubs.

32 93 33 00-0001	Shrubs (32 93 33)		
32 93 33 00-0002	EA	1 Gallon Abelia x grandiflora - Abelia	16.14
32 93 33 00-0003	EA	3 Gallon Abelia x grandiflora - Abelia	32.87
32 93 33 00-0004	EA	5 Gallon Abelia x grandiflora - Abelia	63.09
32 93 33 00-0005	EA	1 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	9.12
32 93 33 00-0006	EA	5 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	22.56
32 93 33 00-0007	EA	15 Gallon Abelia grandiflora 'Edward Goucher' - Pink Abelia	89.56
32 93 33 00-0008	EA	3 Gallon Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	92.80
32 93 33 00-0009	EA	18" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	135.63
32 93 33 00-0010	EA	24" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	151.33
32 93 33 00-0011	EA	30" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	191.31
32 93 33 00-0012	EA	36" Balled and Burlapped, Aesculus parviflora 'Rogers' - Rogers Bottlebrush Buckeye	212.72
32 93 33 00-0013	EA	18" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	42.83
32 93 33 00-0014	EA	24" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	57.11
32 93 33 00-0015	EA	30" Balled and Burlapped, Aesculus parviflora - Bottlebrush Buckeye	71.38
32 93 33 00-0016	EA	1 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	9.12
32 93 33 00-0017	EA	5 Gallon Agapanthus 'Peter Pan' - Lily of the Nile	22.56
32 93 33 00-0018	EA	36" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	39.42
32 93 33 00-0019	EA	42" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	46.38
32 93 33 00-0020	EA	48" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	55.65
32 93 33 00-0021	EA	60" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	64.93
32 93 33 00-0022	EA	72" Balled and Burlapped, Aronia arbutifolia & cvs - Red Chokeberry	78.84
32 93 33 00-0023	EA	36" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	38.26
32 93 33 00-0024	EA	42" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	40.58
32 93 33 00-0025	EA	48" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	42.90
32 93 33 00-0026	EA	60" Balled and Burlapped, Aronia melanocarpa & cvs - Black Chokeberry	48.69
32 93 33 00-0027	EA	36" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	38.84
32 93 33 00-0028	EA	42" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	41.16
32 93 33 00-0029	EA	48" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	43.48
32 93 33 00-0030	EA	60" Balled and Burlapped, Aronia prunifolia - Purple-Fruited Chokeberry	45.80
32 93 33 00-0031	EA	1 Gallon Aspidistra elatior - Cast Iron Plant	7.97
32 93 33 00-0032	EA	2 Gallon Aspidistra elatior - Cast Iron Plant	18.43
32 93 33 00-0033	EA	1 Gallon Aucuba japonica "Variegata" - Gold Dust Plant	9.34

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0034	EA	3	Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	20.55	
32 93 33 00-0035	EA	5	Gallon Aucuba japonica "Variegata" - Gold Dust Plant.....	27.78	
32 93 33 00-0036	EA	1	Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	9.12	
32 93 33 00-0037	EA	5	Gallon Baccharis pilularis 'Pigeon Point' - Dwarf Coyote Brush.....	22.56	
32 93 33 00-0038	EA	1	Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	9.12	
32 93 33 00-0039	EA	5	Gallon Baccharis pilularis 'Twin Peaks' - Dwarf Coyote Brush.....	22.56	
32 93 33 00-0040	EA	1	Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	9.96	
32 93 33 00-0041	EA	2	Gallon Bauhinia purpurea - Orange-eye Butterfly Bush.....	14.57	
32 93 33 00-0042	EA	15"	To 18" Berberis - Northern Bayberry.....	41.60	
32 93 33 00-0043	EA	2'	To 2-1/2' Berberis - Northern Bayberry.....	52.81	
32 93 33 00-0044	EA	2-1/2'	To 3' Berberis - Northern Bayberry.....	73.98	
32 93 33 00-0045	EA	1	Gallon Berberis Buxifolia 'Nana' - Barberry.....	10.30	
32 93 33 00-0046	EA	5	Gallon Berberis Buxifolia 'Nana' - Barberry.....	24.82	
32 93 33 00-0047	EA	18"	To 24" Berberis julianae - Dwarf Wintergreen Barberry.....	44.46	
32 93 33 00-0048	EA	2'	To 2-1/2' Berberis julianae - Dwarf Wintergreen Barberry.....	56.92	
32 93 33 00-0049	EA	2-1/2'	To 3' Berberis julianae - Dwarf Wintergreen Barberry.....	72.74	
32 93 33 00-0050	EA	1	Gallon Berberis thunbergii - Crimson Pygmy Barberry.....	11.96	
32 93 33 00-0051	EA	2	Gallon Berberis thunbergii - Crimson Pygmy Barberry.....	23.54	
32 93 33 00-0052	EA	3	Gallon Berberis thunbergii - Crimson Pygmy Barberry.....	28.77	
32 93 33 00-0053	EA	1	Gallon Berberis x mentorensis - Mentor Barberry.....	11.33	
32 93 33 00-0054	EA	5	Gallon Berberis x mentorensis - Mentor Barberry.....	32.01	
32 93 33 00-0055	EA	2'	To 3' Berberis x mentorensis - Mentor Barberry.....	44.46	
32 93 33 00-0056	EA	3'	To 4' Berberis x mentorensis - Mentor Barberry.....	68.63	
32 93 33 00-0057	EA	1	Gallon Buxus microphylla japonica - Japanese Boxwood.....	12.95	
32 93 33 00-0058	EA	5	Gallon Buxus microphylla japonica - Japanese Boxwood.....	34.75	
32 93 33 00-0059	EA	12"	To 15" Buxus microphylla japonica - Japanese Boxwood.....	36.99	
32 93 33 00-0060	EA	15"	To 18" Buxus microphylla japonica - Japanese Boxwood.....	47.58	
32 93 33 00-0061	EA	18"	To 24" Buxus microphylla japonica - Japanese Boxwood.....	63.40	
32 93 33 00-0062	EA	24"	To 30" Buxus microphylla japonica - Japanese Boxwood.....	95.16	
32 93 33 00-0063	EA	30"	To 36" Buxus microphylla japonica - Japanese Boxwood.....	132.15	
32 93 33 00-0064	EA	12"	To 15" Buxus sempervirens - Common Boxwood.....	36.99	
32 93 33 00-0065	EA	15"	To 18" Buxus sempervirens - Common Boxwood.....	47.58	
32 93 33 00-0066	EA	18"	To 24" Buxus sempervirens - Common Boxwood.....	63.40	
32 93 33 00-0067	EA	24"	To 30" Buxus sempervirens - Common Boxwood.....	95.16	
32 93 33 00-0068	EA	2	Gallon Buxus Hybrid - Boxwood Cultivars.....	24.35	
32 93 33 00-0069	EA	5	Gallon Buxus Hybrid - Boxwood Cultivars.....	40.58	
32 93 33 00-0070	EA	5	Gallon Buxus microphylla & cvs - Little leaf Boxwood.....	106.66	
32 93 33 00-0071	EA	18"	Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood.....	57.97	
32 93 33 00-0072	EA	24"	Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood.....	78.84	
32 93 33 00-0073	EA	30"	Balled and Burlapped, Buxus microphylla & cvs - Little leaf Boxwood.....	106.66	
32 93 33 00-0074	EA	1	Gallon Callistemon citrinus 'Little John' - Dwarf Bottle Bush.....	8.19	
32 93 33 00-0075	EA	5	Gallon Callistemon citrinus 'Little John' - Dwarf Bottle Bush.....	25.20	
32 93 33 00-0076	EA	15	Gallon Callistemon citrinus 'Little John' - Dwarf Bottle Bush.....	81.89	
32 93 33 00-0077	EA	5	Gallon Calycanthus floridus - Common Sweetshrub.....	38.26	
32 93 33 00-0078	EA	30"	Balled and Burlapped, Calycanthus floridus - Common Sweetshrub.....	34.78	
32 93 33 00-0079	EA	36"	Balled and Burlapped, Calycanthus floridus - Common Sweetshrub.....	46.38	
32 93 33 00-0080	EA	1	Gallon Camellia "Sasanqua" - Camellia.....	11.53	
32 93 33 00-0081	EA	3	Gallon Camellia "Sasanqua" - Camellia.....	24.59	
32 93 33 00-0082	EA	5	Gallon Camellia "Sasanqua" - Camellia.....	40.88	
32 93 33 00-0083	EA	7	Gallon Camellia "Sasanqua" - Camellia.....	60.87	
32 93 33 00-0084	EA	15	Gallon Camellia "Sasanqua" - Camellia.....	157.94	
32 93 33 00-0085	EA	1	Gallon Camellia japonica - Camellia.....	11.53	
32 93 33 00-0086	EA	3	Gallon Camellia japonica - Camellia.....	24.59	
32 93 33 00-0087	EA	5	Gallon Camellia japonica - Camellia.....	40.88	
32 93 33 00-0088	EA	5	Gallon Ceanothus americanus - New Jersey Tea.....	38.26	
32 93 33 00-0089	EA	1	Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus.....	10.30	
32 93 33 00-0090	EA	5	Gallon Ceanothus Griseus Horizontalis 'Yankee Point' - Yankee Point Ceanothus.....	26.78	
32 93 33 00-0091	EA	5	Gallon Celastrus scandens - Bittersweet.....	38.26	
32 93 33 00-0092	EA	36"	Balled and Burlapped, Celastrus scandens - Bittersweet.....	32.46	
32 93 33 00-0093	EA	5	Gallon Cephalanthus occidentalis - Buttonbush.....	38.26	
32 93 33 00-0094	EA	24"	Balled and Burlapped, Cephalanthus occidentalis - Buttonbush.....	28.98	
32 93 33 00-0095	EA	30"	Balled and Burlapped, Cephalanthus occidentalis - Buttonbush.....	32.46	
32 93 33 00-0096	EA	36"	Balled and Burlapped, Cephalanthus occidentalis - Buttonbush.....	34.78	
32 93 33 00-0097	EA	18"	To 24" Chaenomeles speciosa - Flowering Quince.....	33.38	
32 93 33 00-0098	EA	2'	To 3' Chaenomeles speciosa - Flowering Quince.....	44.46	
32 93 33 00-0099	EA	3'	To 4' Chaenomeles speciosa - Flowering Quince.....	68.63	
32 93 33 00-0100	EA	1	Gallon Cistus Hybridus - White Rockrose.....	9.12	
32 93 33 00-0101	EA	5	Gallon Cistus Hybridus - White Rockrose.....	22.56	
32 93 33 00-0102	EA	3	Gallon Clethra alnifolia & cvs - Summersweet Clethra.....	37.10	
32 93 33 00-0103	EA	18"	Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra.....	40.00	
32 93 33 00-0104	EA	24"	Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra.....	44.64	
32 93 33 00-0105	EA	30"	Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra.....	46.96	
32 93 33 00-0106	EA	36"	Balled and Burlapped, Clethra alnifolia & cvs - Summersweet Clethra.....	55.07	
32 93 33 00-0107	EA	1	Gallon Coleonema Pulchellum - Confetti Bush.....	9.12	
32 93 33 00-0108	EA	5	Gallon Coleonema Pulchellum - Confetti Bush.....	22.56	
32 93 33 00-0109	EA	15	Gallon Coleonema Pulchellum - Confetti Bush.....	105.64	
32 93 33 00-0110	EA	2'	To 3' Cornus mas - Cornelian Cherry.....	52.81	
32 93 33 00-0111	EA	3'	To 4' Cornus mas - Cornelian Cherry.....	66.01	
32 93 33 00-0112	EA	4'	To 5' Cornus mas - Cornelian Cherry.....	84.57	
32 93 33 00-0113	EA	5'	To 6' Cornus mas - Cornelian Cherry.....	116.21	
32 93 33 00-0114	EA	5	Gallon Cornus alba & cvs - Tartarian Dogwood.....	34.78	
32 93 33 00-0115	EA	36"	Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood.....	24.35	
32 93 33 00-0116	EA	48"	Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood.....	27.83	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
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 UNIT COST UNIT COST

32 93 33 00-0117	EA	60" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	34.78
32 93 33 00-0118	EA	72" Balled and Burlapped, Cornus alba & cvs - Tartarian Dogwood	41.74
32 93 33 00-0119	EA	36" Balled and Burlapped, Cornus amomum - Silky Dogwood	34.78
32 93 33 00-0120	EA	5 Gallon Cornus obliqua - Blue Fruited Dogwood	38.26
32 93 33 00-0121	EA	5 Gallon Cornus racemosa - Gray Dogwood	38.26
32 93 33 00-0122	EA	36" Balled and Burlapped, Cornus racemosa - Gray Dogwood	34.78
32 93 33 00-0123	EA	48" Balled and Burlapped, Cornus racemosa - Gray Dogwood	40.58
32 93 33 00-0124	EA	60" Balled and Burlapped, Cornus racemosa - Gray Dogwood	44.06
32 93 33 00-0125	EA	72" Balled and Burlapped, Cornus racemosa - Gray Dogwood	53.33
32 93 33 00-0126	EA	36" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	37.68
32 93 33 00-0127	EA	48" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	42.32
32 93 33 00-0128	EA	60" Balled and Burlapped, Cornus sanguinea & cvs - Bloodtwig Dogwood	48.11
32 93 33 00-0129	EA	24" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	30.14
32 93 33 00-0130	EA	30" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	34.78
32 93 33 00-0131	EA	36" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	37.10
32 93 33 00-0132	EA	48" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	40.58
32 93 33 00-0133	EA	60" Balled and Burlapped, Cornus sericea & cvs - Redosier Dogwood	45.22
32 93 33 00-0134	EA	5 Gallon Corylus americana - American Filbert	35.94
32 93 33 00-0135	EA	30" Balled and Burlapped, Corylus americana - American Filbert	40.58
32 93 33 00-0136	EA	36" Balled and Burlapped, Corylus americana - American Filbert	43.48
32 93 33 00-0137	EA	48" Balled and Burlapped, Corylus americana - American Filbert	46.96
32 93 33 00-0138	EA	24" Balled and Burlapped, Corylus avellana - Contorted Hazelnut	115.94
32 93 33 00-0139	EA	30" Balled and Burlapped, Corylus avellana - Contorted Hazelnut	150.72
32 93 33 00-0140	EA	36" Balled and Burlapped, Corylus avellana - Contorted Hazelnut	162.31
32 93 33 00-0141	EA	42" Balled and Burlapped, Corylus avellana - Contorted Hazelnut	208.69
32 93 33 00-0142	EA	48" Balled and Burlapped, Corylus avellana - Contorted Hazelnut	255.07
32 93 33 00-0143	EA	60" Balled and Burlapped, Corylus avellana - Contorted Hazelnut	289.85
32 93 33 00-0144	EA	5' To 6' Cotinus coggygia - Smoke Tree	110.97
32 93 33 00-0145	EA	6' To 8' Cotinus coggygia - Smoke Tree	166.40
32 93 33 00-0146	EA	8' To 10' Cotinus coggygia - Smoke Tree	250.97
32 93 33 00-0147	EA	5 Gallon Cotoneaster acutifolia & cvs - Peking Cotoneaster	28.98
32 93 33 00-0148	EA	18" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	28.98
32 93 33 00-0149	EA	24" Balled and Burlapped, Cotoneaster acutifolia & cvs - Peking Cotoneaster	30.14
32 93 33 00-0150	EA	12" To 15" Spread Cotoneaster adpressus - Creeping Cotoneaster	27.77
32 93 33 00-0151	EA	3 Gallon Cotoneaster apiculata & cvs - Cranberry Cotoneaster	30.14
32 93 33 00-0152	EA	18" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	28.98
32 93 33 00-0153	EA	24" Balled and Burlapped, Cotoneaster apiculata & cvs - Cranberry Cotoneaster	30.14
32 93 33 00-0154	EA	1 Gallon Cotoneaster divaricatus - Spreading Cotoneaster	11.96
32 93 33 00-0155	EA	2' To 3' Cotoneaster divaricatus - Spreading Cotoneaster	36.99
32 93 33 00-0156	EA	3' To 4' Cotoneaster divaricatus - Spreading Cotoneaster	49.94
32 93 33 00-0157	EA	4' To 5' Cotoneaster divaricatus - Spreading Cotoneaster	84.57
32 93 33 00-0158	EA	1 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	9.12
32 93 33 00-0159	EA	5 Gallon Cotoneaster glaucophyllus - Gray Leaf Cotoneaster	22.56
32 93 33 00-0160	EA	1 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	11.96
32 93 33 00-0161	EA	2 Gallon Cotoneaster horizontalis - Rockspray Cotoneaster	23.54
32 93 33 00-0162	EA	1 Gallon Cotoneaster lacteus - Red Clusterberry	9.12
32 93 33 00-0163	EA	5 Gallon Cotoneaster lacteus - Red Clusterberry	22.56
32 93 33 00-0164	EA	15 Gallon Cotoneaster lacteus - Red Clusterberry	89.56
32 93 33 00-0165	EA	1 Gallon Dendromecon harfordii - Island Bush Poppy	21.00
32 93 33 00-0166	EA	5 Gallon Dendromecon harfordii - Island Bush Poppy	52.50
32 93 33 00-0167	EA	18" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	29.56
32 93 33 00-0168	EA	24" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	32.46
32 93 33 00-0169	EA	30" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	41.74
32 93 33 00-0170	EA	36" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	48.69
32 93 33 00-0171	EA	42" Balled and Burlapped, Deutzia gracilis - Slender Deutzia	55.65
32 93 33 00-0172	EA	24" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	46.38
32 93 33 00-0173	EA	30" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	55.65
32 93 33 00-0174	EA	36" Balled and Burlapped, Diervilla sessilifolia - Southern Bush Honeysuckle	64.93
32 93 33 00-0175	EA	2 Gallon Diervilla splendens - Splendens Bush Honeysuckle	17.39
32 93 33 00-0176	EA	36" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	41.74
32 93 33 00-0177	EA	48" Balled and Burlapped, Diervilla splendens - Splendens Bush Honeysuckle	55.65
32 93 33 00-0178	EA	1 Gallon Elaeagnus - Silverberry	10.67
32 93 33 00-0179	EA	3 Gallon Elaeagnus - Silverberry	21.33
32 93 33 00-0180	EA	5 Gallon Elaeagnus - Silverberry	29.33
32 93 33 00-0181	EA	5 Gallon Elaeagnus angustifolia - Russian Olive	22.56
32 93 33 00-0182	EA	1 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	9.12
32 93 33 00-0183	EA	5 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	22.56
32 93 33 00-0184	EA	15 Gallon Elaeagnus ebbingei 'Gilt Edge' - Gilt Edge Silverberry	89.56
32 93 33 00-0185	EA	1 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	9.12
32 93 33 00-0186	EA	5 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	22.56
32 93 33 00-0187	EA	15 Gallon Elaeagnus pungens 'Fruitlandii' - Fruitland Silverberry	89.56
32 93 33 00-0188	EA	3' To 4' Elaeagnus umbellata - Autumn Olive	34.63
32 93 33 00-0189	EA	4' To 5' Elaeagnus umbellata - Autumn Olive	47.58
32 93 33 00-0190	EA	5' To 6' Elaeagnus umbellata - Autumn Olive	56.92
32 93 33 00-0191	EA	3' To 4' Elaeagnus angustifolia - Russian Olive	55.43
32 93 33 00-0192	EA	1 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	9.12
32 93 33 00-0193	EA	5 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	22.56
32 93 33 00-0194	EA	15 Gallon Escallonia x exoniensis 'Fradesii' - Pink Princess Escallonia	89.56
32 93 33 00-0195	EA	1 Gallon Euonymus - Gold Spot	9.97
32 93 33 00-0196	EA	2 Gallon Euonymus - Gold Spot	20.92
32 93 33 00-0197	EA	5 Gallon Euonymus - Gold Spot	28.77
32 93 33 00-0198	EA	1 Gallon Euonymus alatus - Winged Euonymus	8.51
32 93 33 00-0199	EA	3 Gallon Euonymus alatus - Winged Euonymus	24.53

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0200	EA	24"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	33.07	
32 93 33 00-0201	EA	30"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	41.33	
32 93 33 00-0202	EA	36"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	56.80	
32 93 33 00-0203	EA	42"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	70.13	
32 93 33 00-0204	EA	48"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	82.66	
32 93 33 00-0205	EA	54"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	106.66	
32 93 33 00-0206	EA	5	Gallon Euonymus alatus - Winged Euonymus.....	30.67	
32 93 33 00-0207	EA	60"	Balled and Burlapped, Euonymus alatus - Winged Euonymus.....	133.33	
32 93 33 00-0208	EA	30"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	52.17	
32 93 33 00-0209	EA	36"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	62.03	
32 93 33 00-0210	EA	42"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	81.16	
32 93 33 00-0211	EA	48"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	97.39	
32 93 33 00-0212	EA	60"	Balled and Burlapped, Euonymus alatus compactus - Compact Winged Euonymus.....	120.58	
32 93 33 00-0213	EA	18" To 24"	Euonymus alatus - Winged Burning Bush.....	36.99	
32 93 33 00-0214	EA	2' To 2-1/2'	Euonymus alatus - Winged Burning Bush.....	43.59	
32 93 33 00-0215	EA	2-1/2' To 3'	Euonymus alatus - Winged Burning Bush.....	59.54	
32 93 33 00-0216	EA	3' To 3-1/2'	Euonymus alatus - Winged Burning Bush.....	71.37	
32 93 33 00-0217	EA	3-1/2' To 4'	Euonymus alatus - Winged Burning Bush.....	89.80	
32 93 33 00-0218	EA	4' To 5'	Euonymus alatus - Winged Burning Bush.....	126.79	
32 93 33 00-0219	EA	5' To 6'	Euonymus alatus - Winged Burning Bush.....	158.55	
32 93 33 00-0220	EA	6' To 8'	Euonymus alatus - Winged Burning Bush.....	184.96	
32 93 33 00-0221	EA	15" To 18"	Euonymus alatus - Dwarf Winged Burning Bush.....	36.99	
32 93 33 00-0222	EA	18" To 24"	Euonymus alatus - Dwarf Winged Burning Bush.....	42.22	
32 93 33 00-0223	EA	2' To 2-1/2'	Euonymus alatus - Dwarf Winged Burning Bush.....	51.56	
32 93 33 00-0224	EA	2-1/2' To 3'	Euonymus alatus - Dwarf Winged Burning Bush.....	72.74	
32 93 33 00-0225	EA	3' To 3-1/2'	Euonymus alatus - Dwarf Winged Burning Bush.....	85.94	
32 93 33 00-0226	EA	3-1/2' To 4'	Euonymus alatus - Dwarf Winged Burning Bush.....	103.00	
32 93 33 00-0227	EA	4' To 5'	Euonymus alatus - Dwarf Winged Burning Bush.....	145.35	
32 93 33 00-0228	EA	5' To 6'	Euonymus alatus - Dwarf Winged Burning Bush.....	171.76	
32 93 33 00-0229	EA	36"	Balled and Burlapped, Euonymus atropurpurea - Eastern Wahoo.....	31.30	
32 93 33 00-0230	EA	1	Gallon Euonymus fortunei - Wintercreeper.....	11.96	
32 93 33 00-0231	EA	2	Gallon Euonymus fortunei - Wintercreeper.....	23.54	
32 93 33 00-0232	EA	3	Gallon Euonymus fortunei - Wintercreeper.....	28.77	
32 93 33 00-0233	EA	5	Gallon Euonymus fortunei - Wintercreeper.....	34.13	
32 93 33 00-0234	EA	1	Gallon Euonymus japonicus - Evergreen Spindle.....	9.12	
32 93 33 00-0235	EA	5	Gallon Euonymus japonicus - Evergreen Spindle.....	22.56	
32 93 33 00-0236	EA	15	Gallon Euonymus japonicus - Evergreen Spindle.....	89.56	
32 93 33 00-0237	EA	2' To 3'	Forsythia - Korean Forsythia.....	26.40	
32 93 33 00-0238	EA	3' To 4'	Forsythia - Korean Forsythia.....	33.38	
32 93 33 00-0239	EA	4' To 5'	Forsythia - Korean Forsythia.....	41.60	
32 93 33 00-0240	EA	30"	Balled and Burlapped, Forsythia cvs - Forsythia cultivars.....	26.67	
32 93 33 00-0241	EA	36"	Balled and Burlapped, Forsythia cvs - Forsythia cultivars.....	29.56	
32 93 33 00-0242	EA	48"	Balled and Burlapped, Forsythia cvs - Forsythia cultivars.....	31.88	
32 93 33 00-0243	EA	18"	Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia.....	27.83	
32 93 33 00-0244	EA	24"	Balled and Burlapped, Forsythia viridissima & cvs - Green Forsythia.....	37.10	
32 93 33 00-0245	EA	24"	Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	27.83	
32 93 33 00-0246	EA	30"	Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	32.46	
32 93 33 00-0247	EA	36"	Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	38.26	
32 93 33 00-0248	EA	42"	Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	44.06	
32 93 33 00-0249	EA	48"	Balled and Burlapped, Forsythia x intermedia & cvs - Border Forsythia.....	51.01	
32 93 33 00-0250	EA	2	Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	39.42	
32 93 33 00-0251	EA	3	Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	55.07	
32 93 33 00-0252	EA	5	Gallon Fothergilla gardenii & cvs - Dwarf Fothergilla.....	57.97	
32 93 33 00-0253	EA	15"	Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla.....	60.29	
32 93 33 00-0254	EA	18"	Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla.....	64.93	
32 93 33 00-0255	EA	24"	Balled and Burlapped, Fothergilla gardenii & cvs - Dwarf Fothergilla.....	78.84	
32 93 33 00-0256	EA	24"	Balled and Burlapped, Fothergilla major - Large Fothergilla.....	102.03	
32 93 33 00-0257	EA	30"	Balled and Burlapped, Fothergilla major - Large Fothergilla.....	115.94	
32 93 33 00-0258	EA	1	Gallon Gardenia jasminoides - Cape Jasmine.....	8.59	
32 93 33 00-0259	EA	3	Gallon Gardenia jasminoides - Cape Jasmine.....	22.54	
32 93 33 00-0260	EA	5	Gallon Gardenia jasminoides - Cape Jasmine.....	28.77	
32 93 33 00-0261	EA	1	Gallon Grevillea 'Noellii' - Noel's Grevillea.....	9.12	
32 93 33 00-0262	EA	5	Gallon Grevillea 'Noellii' - Noel's Grevillea.....	22.56	
32 93 33 00-0263	EA	15	Gallon Grevillea 'Noellii' - Noel's Grevillea.....	89.56	
32 93 33 00-0264	EA	36"	Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	81.16	
32 93 33 00-0265	EA	48"	Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	132.17	
32 93 33 00-0266	EA	60"	Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	166.95	
32 93 33 00-0267	EA	72"	Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	255.07	
32 93 33 00-0268	EA	84"	Balled and Burlapped, Hamamelis vernalis & cvs - Vernal Witchhazel.....	289.85	
32 93 33 00-0269	EA	1	Gallon Hedychium gartdnerum - Variegated Ginger.....	4.93	
32 93 33 00-0270	EA	3	Gallon Hedychium gartdnerum - Variegated Ginger.....	17.33	
32 93 33 00-0271	EA	5	Gallon Hedychium gartdnerum - Variegated Ginger.....	33.33	
32 93 33 00-0272	EA	1	Gallon Hibiscus rosa-sinensis - Hibiscus.....	12.64	
32 93 33 00-0273	EA	3	Gallon Hibiscus rosa-sinensis - Hibiscus.....	21.33	
32 93 33 00-0274	EA	5	Gallon Hibiscus rosa-sinensis - Hibiscus.....	32.27	
32 93 33 00-0275	EA	5	Gallon Hibiscus syriacus - Rose Of Sharon.....	33.38	
32 93 33 00-0276	EA	2' To 3'	Hibiscus syriacus - Rose Of Sharon.....	28.40	
32 93 33 00-0277	EA	3' To 4'	Hibiscus syriacus - Rose Of Sharon.....	38.36	
32 93 33 00-0278	EA	4' To 5'	Hibiscus syriacus - Rose Of Sharon.....	55.42	
32 93 33 00-0279	EA	5' To 6'	Hibiscus syriacus - Rose Of Sharon.....	76.60	
32 93 33 00-0280	EA	2	Gallon Hydrangea - Blue Hydrangea.....	23.54	
32 93 33 00-0281	EA	5	Gallon Hydrangea - Blue Hydrangea.....	33.13	
32 93 33 00-0282	EA	2' To 3'	Hydrangea paniculata "Grandiflora" - Peegee Hydrangea.....	36.99	

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32 93 33 00-0283	EA	3' To 4' Hydrangea paniculata "Grandiflora" - Peegee Hydrangea	42.22	
32 93 33 00-0284	EA	2 Gallon Hydrangea quercifolia - Oakleaf Hydrangea	23.54	
32 93 33 00-0285	EA	5 Gallon Hydrangea arborescens & cvs - Smooth Hydrangea	40.58	
32 93 33 00-0286	EA	30" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	44.06	
32 93 33 00-0287	EA	36" Balled and Burlapped, Hydrangea arborescens & cvs - Smooth Hydrangea	51.01	
32 93 33 00-0288	EA	4 Gallon Hydrangea macrophylla & cvs - Bigleaf Hydrangea	53.33	
32 93 33 00-0289	EA	18" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	41.74	
32 93 33 00-0290	EA	24" Balled and Burlapped, Hydrangea macrophylla & cvs - Bigleaf Hydrangea	55.65	
32 93 33 00-0291	EA	3 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	24.35	
32 93 33 00-0292	EA	5 Gallon Hydrangea paniculata & cvs - Panicle Hydrangea	28.98	
32 93 33 00-0293	EA	18" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	24.93	
32 93 33 00-0294	EA	24" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	26.67	
32 93 33 00-0295	EA	30" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	30.14	
32 93 33 00-0296	EA	36" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	34.78	
32 93 33 00-0297	EA	48" Balled and Burlapped, Hydrangea paniculata & cvs - Panicle Hydrangea	46.38	
32 93 33 00-0298	EA	18" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	33.62	
32 93 33 00-0299	EA	24" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	38.26	
32 93 33 00-0300	EA	30" Balled and Burlapped, Hydrangea quercifolia & cvs - Oakleaf Hydrangea	45.22	
32 93 33 00-0301	EA	2 Gallon Hypericum kalmianum - St. John's Wort	23.54	
32 93 33 00-0302	EA	3 Gallon Hypericum kalmianum - Kalm St. John's Wort	27.83	
32 93 33 00-0303	EA	24" Balled and Burlapped, Hypericum kalmianum - Kalm St. John's Wort	30.14	
32 93 33 00-0304	EA	1 Gallon Ilex "Carissa" - Holly	11.96	
32 93 33 00-0305	EA	2 Gallon Ilex "Carissa" - Holly	23.54	
32 93 33 00-0306	EA	5 Gallon Ilex "Carissa" - Holly	33.13	
32 93 33 00-0307	EA	18" To 24" Ilex - Gulfside Sweet Holly	31.76	
32 93 33 00-0308	EA	2' To 2-1/2' Ilex - Gulfside Sweet Holly	40.23	
32 93 33 00-0309	EA	2-1/2' To 3' Ilex - Gulfside Sweet Holly	52.19	
32 93 33 00-0310	EA	3' To 3-1/2' Ilex - Gulfside Sweet Holly	63.40	
32 93 33 00-0311	EA	3 Gallon Ilex cornuta - Dwarf Horned Holly	23.72	
32 93 33 00-0312	EA	1 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	11.96	
32 93 33 00-0313	EA	2 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	23.54	
32 93 33 00-0314	EA	5 Gallon Ilex cornuta, Osmanthus heterophyllus - Dwarf Chinese Holly	34.13	
32 93 33 00-0315	EA	1 Gallon Ilex crenata - Hellers Japanese Holly	11.96	
32 93 33 00-0316	EA	2 Gallon Ilex crenata - Hellers Japanese Holly	26.16	
32 93 33 00-0317	EA	3 Gallon Ilex crenata - Hellers Japanese Holly	34.13	
32 93 33 00-0318	EA	2 Gallon Ilex crenata - Hetzi Japanese Holly	26.16	
32 93 33 00-0319	EA	3 Gallon Ilex crenata - Hetzi Japanese Holly	31.51	
32 93 33 00-0320	EA	2' To 3' Ilex crenata - Hetzi Japanese Holly	63.40	
32 93 33 00-0321	EA	3' To 4' Ilex crenata - Hetzi Japanese Holly	84.57	
32 93 33 00-0322	EA	2' To 3' Ilex opaca - American Holly	84.57	
32 93 33 00-0323	EA	3' To 4' Ilex opaca - American Holly	139.99	
32 93 33 00-0324	EA	4' To 5' Ilex opaca - American Holly	179.60	
32 93 33 00-0325	EA	5' To 6' Ilex opaca - American Holly	216.59	
32 93 33 00-0326	EA	6' To 7' Ilex opaca - American Holly	303.78	
32 93 33 00-0327	EA	7' To 8' Ilex opaca - American Holly	422.73	
32 93 33 00-0328	EA	8' To 10' Ilex opaca - American Holly	607.56	
32 93 33 00-0329	EA	10' To 12' Ilex opaca - American Holly	924.66	
32 93 33 00-0330	EA	12' To 14' Ilex opaca - American Holly	1,122.70	
32 93 33 00-0331	EA	14' To 16' Ilex opaca - American Holly	1,386.87	
32 93 33 00-0332	EA	2' To 3' Ilex verticillata - Winterberry (Female)	84.57	
32 93 33 00-0333	EA	3' To 4' Ilex verticillata - Winterberry (Female)	110.97	
32 93 33 00-0334	EA	2' To 3' Ilex verticillata - Winterberry (Male)	68.63	
32 93 33 00-0335	EA	3' To 4' Ilex verticillata - Winterberry (Male)	95.16	
32 93 33 00-0336	EA	4' To 5' Ilex verticillata - Winterberry (Male)	110.97	
32 93 33 00-0337	EA	1 Gallon Ilex vomitoria - Yaupon Holly	11.21	
32 93 33 00-0338	EA	3 Gallon Ilex vomitoria - Yaupon Holly	22.54	
32 93 33 00-0339	EA	10 Gallon Ilex vomitoria - Yaupon Holly	79.21	
32 93 33 00-0340	EA	18" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	35.94	
32 93 33 00-0341	EA	24" Balled and Burlapped, Ilex glabra compacta & cvs - Compact Inkberry Holly	40.58	
32 93 33 00-0342	EA	3 Gallon Ilex meserveae & cvs - Blue Holly	46.38	
32 93 33 00-0343	EA	18" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	42.90	
32 93 33 00-0344	EA	24" Balled and Burlapped, Ilex meserveae & cvs - Blue Holly	52.17	
32 93 33 00-0345	EA	5 Gallon Ilex verticillata & cvs - Common Winterberry	38.26	
32 93 33 00-0346	EA	24" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	38.26	
32 93 33 00-0347	EA	30" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	40.58	
32 93 33 00-0348	EA	36" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	48.69	
32 93 33 00-0349	EA	42" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	54.49	
32 93 33 00-0350	EA	48" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	57.97	
32 93 33 00-0351	EA	60" Balled and Burlapped, Ilex verticillata & cvs - Common Winterberry	74.20	
32 93 33 00-0352	EA	4' To 5' Ilex x attenuata "Foster" - Holly	137.38	
32 93 33 00-0353	EA	5' To 6' Ilex x attenuata "Foster" - Holly	182.22	
32 93 33 00-0354	EA	6' To 7' Ilex x attenuata "Foster" - Holly	163.04	
32 93 33 00-0355	EA	7' To 8' Ilex x attenuata "Foster" - Holly	316.98	
32 93 33 00-0356	EA	1 Gallon Jasminum - Jasmine	3.07	
32 93 33 00-0357	EA	3 Gallon Jasminum - Jasmine	12.00	
32 93 33 00-0358	EA	3 Gallon Jasminum - Orange Jasmine	9.33	
32 93 33 00-0359	EA	4' - 5' Jasminum - Orange Jasmine	106.66	
32 93 33 00-0360	EA	6' - 7' Jasminum - Orange Jasmine	213.33	
32 93 33 00-0361	EA	8' - 10' Jasminum - Orange Jasmine	287.99	
32 93 33 00-0362	EA	3 Gallon Juniperus chinensis cvs - Chinese Juniper	40.58	
32 93 33 00-0363	EA	5 Gallon Juniperus chinensis cvs - Chinese Juniper	45.22	
32 93 33 00-0364	EA	18" Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper	60.29	
32 93 33 00-0365	EA	24" Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper	78.84	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0366	EA		30" Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper	92.75	
32 93 33 00-0367	EA		36" Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper	125.21	
32 93 33 00-0368	EA		48" Balled and Burlapped, Juniperus chinensis cvs - Chinese Juniper	171.59	
32 93 33 00-0369	EA		1 Gallon Juniperus horizontalis cvs - Creeping Juniper	19.33	
32 93 33 00-0370	EA		3 Gallon Juniperus horizontalis cvs - Creeping Juniper	40.58	
32 93 33 00-0371	EA		5 Gallon Juniperus horizontalis cvs - Creeping Juniper	45.22	
32 93 33 00-0372	EA		15" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	48.69	
32 93 33 00-0373	EA		18" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	53.33	
32 93 33 00-0374	EA		24" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	64.93	
32 93 33 00-0375	EA		30" Balled and Burlapped, Juniperus horizontalis cvs - Creeping Juniper	78.84	
32 93 33 00-0376	EA		3 Gallon Juniperus procumbens cvs - Japanese Garden Juniper	31.30	
32 93 33 00-0377	EA		18" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	37.10	
32 93 33 00-0378	EA		24" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	51.01	
32 93 33 00-0379	EA		30" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	64.93	
32 93 33 00-0380	EA		36" Balled and Burlapped, Juniperus procumbens cvs - Japanese Garden Juniper	78.84	
32 93 33 00-0381	EA		3 Gallon Juniperus sabina cvs - Savin Juniper	28.98	
32 93 33 00-0382	EA		5 Gallon Juniperus sabina cvs - Savin Juniper	34.78	
32 93 33 00-0383	EA		4 Gallon Juniperus virginiana cvs - Red Cedar Juniper	30.14	
32 93 33 00-0384	EA		36" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	57.97	
32 93 33 00-0385	EA		48" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	90.43	
32 93 33 00-0386	EA		60" Balled and Burlapped, Juniperus virginiana cvs - Red Cedar Juniper	113.62	
32 93 33 00-0387	EA		15" To 18" Kalmia latifolia - Mountain Laurel	47.58	
32 93 33 00-0388	EA		18" To 24" Kalmia latifolia - Mountain Laurel	63.40	
32 93 33 00-0389	EA		2' To 3' Kalmia latifolia - Mountain Laurel	92.42	
32 93 33 00-0390	EA		4' To 5' Kalmia latifolia - Mountain Laurel	169.01	
32 93 33 00-0391	EA		5' To 6' Kalmia latifolia - Mountain Laurel	258.94	
32 93 33 00-0392	EA		6' To 8' Kalmia latifolia - Mountain Laurel	396.32	
32 93 33 00-0393	EA		1 Gallon Kerria japonica - Kerria	10.59	
32 93 33 00-0394	EA		5 Gallon Kerria japonica - Kerria	33.13	
32 93 33 00-0395	EA		24" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	33.62	
32 93 33 00-0396	EA		30" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	38.26	
32 93 33 00-0397	EA		36" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	41.74	
32 93 33 00-0398	EA		42" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	48.69	
32 93 33 00-0399	EA		48" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	55.65	
32 93 33 00-0400	EA		60" Balled and Burlapped, Kolkwitzia amabilis & cvs - Beautybush	69.56	
32 93 33 00-0401	EA		1 Gallon Lagerstroemia indica - Crape Myrtle	7.97	
32 93 33 00-0402	EA		5 Gallon Lagerstroemia indica - Crape Myrtle	28.40	
32 93 33 00-0403	EA		3' To 4' Lagerstroemia indica - Crape Myrtle	39.61	
32 93 33 00-0404	EA		4' To 5' Lagerstroemia indica - Crape Myrtle	58.17	
32 93 33 00-0405	EA		5' To 6' Lagerstroemia indica - Crape Myrtle	92.42	
32 93 33 00-0406	EA		7' To 8' Lagerstroemia indica - Crape Myrtle	120.00	
32 93 33 00-0407	EA		9' To 10' Lagerstroemia indica - Crape Myrtle	160.00	
32 93 33 00-0408	EA		11' To 12' Lagerstroemia indica - Crape Myrtle	333.32	
32 93 33 00-0409	EA		1 Gallon Leucothoe axillaris - Coast Leucothoe	11.96	
32 93 33 00-0410	EA		2 Gallon Leucothoe axillaris - Coast Leucothoe	26.16	
32 93 33 00-0411	EA		3 Gallon Leucothoe axillaris - Coast Leucothoe	31.51	
32 93 33 00-0412	EA		1 Gallon Ligustrum lucidum - Glossy Privet	7.35	
32 93 33 00-0413	EA		5 Gallon Ligustrum lucidum - Glossy Privet	22.54	
32 93 33 00-0414	EA		15 Gallon Ligustrum lucidum - Glossy Privet	105.62	
32 93 33 00-0415	EA		1 Gallon Ligustrum sinense - Variegated Chinese Privet	7.35	
32 93 33 00-0416	EA		2 Gallon Ligustrum sinense - Variegated Chinese Privet	15.82	
32 93 33 00-0417	EA		3 Gallon Ligustrum sinense - Variegated Chinese Privet	20.55	
32 93 33 00-0418	EA		36" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	34.78	
32 93 33 00-0419	EA		48" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	51.01	
32 93 33 00-0420	EA		60" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	64.93	
32 93 33 00-0421	EA		72" Balled and Burlapped, Ligustrum vulgare & cvs - Common Privet	74.20	
32 93 33 00-0422	EA		5 Gallon Lindera benzoin - Spicebush	38.26	
32 93 33 00-0423	EA		36" Balled and Burlapped, Lindera benzoin - Spicebush	32.46	
32 93 33 00-0424	EA		48" Balled and Burlapped, Lindera benzoin - Spicebush	39.42	
32 93 33 00-0425	EA		2' To 3' Lonicera fragrantissima - Winter Honeysuckle	63.40	
32 93 33 00-0426	EA		3' To 4' Lonicera fragrantissima - Winter Honeysuckle	76.60	
32 93 33 00-0427	EA		30" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	34.78	
32 93 33 00-0428	EA		36" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	41.74	
32 93 33 00-0429	EA		42" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	46.38	
32 93 33 00-0430	EA		48" Balled and Burlapped, Lonicera tatarica & cvs - Tatarian Honeysuckle	51.01	
32 93 33 00-0431	EA		1 Gallon Myrica cerifera - Wax Myrtle	6.67	
32 93 33 00-0432	EA		4 Gallon Myrica cerifera - Wax Myrtle	21.33	
32 93 33 00-0433	EA		7 Gallon Myrica cerifera - Wax Myrtle	46.67	
32 93 33 00-0434	EA		10 Gallon Myrica cerifera - Wax Myrtle	69.33	
32 93 33 00-0435	EA		15 Gallon Myrica cerifera - Wax Myrtle	106.66	
32 93 33 00-0436	EA		45 Gallon Myrica cerifera - Wax Myrtle	319.99	
32 93 33 00-0437	EA		1' - 2' Myrica cerifera - Wax Myrtle	9.33	
32 93 33 00-0438	EA		3' - 4' Myrica cerifera - Wax Myrtle	32.00	
32 93 33 00-0439	EA		5' - 6' Myrica cerifera - Wax Myrtle	58.67	
32 93 33 00-0440	EA		7' - 8' Myrica cerifera - Wax Myrtle	80.00	
32 93 33 00-0441	EA		9' - 10' Myrica cerifera - Wax Myrtle	106.66	
32 93 33 00-0442	EA		11' - 12' Myrica cerifera - Wax Myrtle	162.66	
32 93 33 00-0443	EA		3 Gallon Myrica pensylvanica - Northern Bayberry	34.78	
32 93 33 00-0444	EA		24" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	56.81	
32 93 33 00-0445	EA		30" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	83.48	
32 93 33 00-0446	EA		36" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	99.71	
32 93 33 00-0447	EA		48" Balled and Burlapped, Myrica pensylvanica - Northern Bayberry	104.35	
32 93 33 00-0448	EA		1 Gallon Myoporum laetum "Carsonii" Multi - Coast Myoporum	9.12	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0449	EA	5 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	22.56
32 93 33 00-0450	EA	15 Gallon Myoporum laetum 'Carsonii' Multi - Coast Myoporum	89.56
32 93 33 00-0451	EA	1 Gallon Nandina domestica - Heavenly Bamboo	11.96
32 93 33 00-0452	EA	2 Gallon Nandina domestica - Heavenly Bamboo	26.16
32 93 33 00-0453	EA	5 Gallon Nandina domestica - Heavenly Bamboo	39.61
32 93 33 00-0454	EA	15 Gallon Nerium oleander - Oleander	97.99
32 93 33 00-0455	EA	24" Box Nerium oleander - Oleander	352.14
32 93 33 00-0456	EA	1 Gallon Osmanthus fragrans - Fragrant Tea Olive	7.35
32 93 33 00-0457	EA	3 Gallon Osmanthus fragrans - Fragrant Tea Olive	19.93
32 93 33 00-0458	EA	1 Gallon Philadelphus - Evergreen Mockorange	10.21
32 93 33 00-0459	EA	5 Gallon Philadelphus - Evergreen Mockorange	33.13
32 93 33 00-0460	EA	36" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange	34.78
32 93 33 00-0461	EA	42" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange	40.58
32 93 33 00-0462	EA	48" Balled and Burlapped, Philadelphus x virginialis & cvs - Mockorange	46.38
32 93 33 00-0463	EA	1 Gallon Photinia fraseri - Red-Tipped Photinia	9.12
32 93 33 00-0464	EA	5 Gallon Photinia fraseri - Red-Tipped Photinia	22.56
32 93 33 00-0465	EA	15 Gallon Photinia fraseri - Red-Tipped Photinia	89.56
32 93 33 00-0466	EA	1 Gallon Phormium tenax - New Zealand Flax	9.61
32 93 33 00-0467	EA	5 Gallon Phormium tenax - New Zealand Flax	23.05
32 93 33 00-0468	EA	15 Gallon Phormium tenax - New Zealand Flax	97.99
32 93 33 00-0469	EA	24" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	34.78
32 93 33 00-0470	EA	30" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	40.58
32 93 33 00-0471	EA	36" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	46.38
32 93 33 00-0472	EA	42" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	57.97
32 93 33 00-0473	EA	48" Balled and Burlapped, Physocarpus opulifolius 'Nana' - Dwarf Common Ninebark	69.56
32 93 33 00-0474	EA	12" To 15" Spread Pieris - Mountain Andromeda	32.01
32 93 33 00-0475	EA	15" To 18" Spread Pieris - Mountain Andromeda	68.63
32 93 33 00-0476	EA	12" To 15" Pieris japonica - Japanese Andromeda	41.60
32 93 33 00-0477	EA	15" To 18" Pieris japonica - Japanese Andromeda	47.58
32 93 33 00-0478	EA	18" To 24" Pieris japonica - Japanese Andromeda	59.54
32 93 33 00-0479	EA	2' To 2-1/2' Pieris japonica - Japanese Andromeda	84.57
32 93 33 00-0480	EA	2-1/2' To 3' Pieris japonica - Japanese Andromeda	100.39
32 93 33 00-0481	EA	24" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	35.69
32 93 33 00-0482	EA	30" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	45.68
32 93 33 00-0483	EA	36" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	54.96
32 93 33 00-0484	EA	48" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	70.67
32 93 33 00-0485	EA	60" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	84.95
32 93 33 00-0486	EA	72" Balled and Burlapped, Pinus mugo & cvs - Mugo Pine	124.21
32 93 33 00-0487	EA	30" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	77.09
32 93 33 00-0488	EA	36" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	92.80
32 93 33 00-0489	EA	48" Balled and Burlapped, Pinus mugo compacta - Dwarf Mugo Pine	123.49
32 93 33 00-0490	EA	1 Gallon Pittosporum - Pittosporum	4.40
32 93 33 00-0491	EA	3 Gallon Pittosporum - Pittosporum	11.33
32 93 33 00-0492	EA	1 Gallon Pittosporum - Varigated Pittosporum	4.40
32 93 33 00-0493	EA	3 Gallon Pittosporum - Varigated Pittosporum	11.33
32 93 33 00-0494	EA	5 Gallon Pittosporum - Varigated Pittosporum	19.87
32 93 33 00-0495	EA	1 Gallon Pittosporum eugenioides - Lemonwood	10.48
32 93 33 00-0496	EA	5 Gallon Pittosporum eugenioides - Lemonwood	24.82
32 93 33 00-0497	EA	1 Gallon Pittosporum tobira - Japanese Pittosporum	9.12
32 93 33 00-0498	EA	5 Gallon Pittosporum tobira - Japanese Pittosporum	22.56
32 93 33 00-0499	EA	15 Gallon Pittosporum tobira - Japanese Pittosporum	89.56
32 93 33 00-0500	EA	1 Gallon Podocarpus macrophyllus - Yew Podocarpus	5.33
32 93 33 00-0501	EA	3 Gallon Podocarpus macrophyllus - Yew Podocarpus	16.00
32 93 33 00-0502	EA	2 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	19.71
32 93 33 00-0503	EA	5 Gallon Potentilla fruticosa & cvs - Bush Cinquefoil	27.83
32 93 33 00-0504	EA	18" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	20.87
32 93 33 00-0505	EA	24" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	23.19
32 93 33 00-0506	EA	30" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	33.62
32 93 33 00-0507	EA	36" Balled and Burlapped, Potentilla fruticosa & cvs - Bush Cinquefoil	38.84
32 93 33 00-0508	EA	1 Gallon Prunus caroliniana - Carolina Cherry Laurel	4.91
32 93 33 00-0509	EA	5 Gallon Prunus caroliniana - Carolina Cherry Laurel	12.27
32 93 33 00-0510	EA	15 Gallon Prunus caroliniana - Carolina Cherry Laurel	73.16
32 93 33 00-0511	EA	15" To 18" Prunus laurocerasus - Cherry Laurel	18.71
32 93 33 00-0512	EA	18" To 24" Prunus laurocerasus - Cherry Laurel	23.16
32 93 33 00-0513	EA	24" To 30" Prunus laurocerasus - Cherry Laurel	30.14
32 93 33 00-0514	EA	15" To 18" Prunus triloba - Double White Flowering Almond	16.72
32 93 33 00-0515	EA	18" To 24" Prunus triloba - Double White Flowering Almond	21.40
32 93 33 00-0516	EA	3' To 4' Prunus triloba - Double White Flowering Almond	34.12
32 93 33 00-0517	EA	4' To 6' Prunus triloba - Double White Flowering Almond	68.33
32 93 33 00-0518	EA	5 Gallon Prunus triloba - Pink Flowering Almond	20.55
32 93 33 00-0519	EA	18" To 24" Prunus triloba - Pink Flowering Almond	23.08
32 93 33 00-0520	EA	2' To 3' Prunus triloba - Pink Flowering Almond	26.84
32 93 33 00-0521	EA	2' To 3' Prunus virginiana - Brilliant Chokeberry	18.25
32 93 33 00-0522	EA	3' To 4' Prunus virginiana - Brilliant Chokeberry	22.39
32 93 33 00-0523	EA	4' To 5' Prunus virginiana - Brilliant Chokeberry	26.84
32 93 33 00-0524	EA	5' To 6' Prunus virginiana - Brilliant Chokeberry	30.75
32 93 33 00-0525	EA	1 Gallon Punica granatum - Dwarf Pomegranate	7.85
32 93 33 00-0526	EA	3 Gallon Punica granatum - Dwarf Pomegranate	23.17
32 93 33 00-0527	EA	7 Gallon Punica granatum - Dwarf Pomegranate	47.58
32 93 33 00-0528	EA	1 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	9.96
32 93 33 00-0529	EA	5 Gallon Pyracantha koidzumi "Santa Cruz" - Pyracantha	33.13
32 93 33 00-0530	EA	5 Gallon Espalier Pyracantha koidzumi "Santa Cruz" - Pyracantha	68.63
32 93 33 00-0531	EA	1 Gallon Ralphiolepis indica - Indian Hawthorne	7.97

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0532	EA	2	Gallon Ralphialepis indica - Indian Hawthorne	15.19	
32 93 33 00-0533	EA	5	Gallon Ralphialepis indica - Indian Hawthorne	27.03	
32 93 33 00-0534	EA	1	Gallon Rhamnus californica - Coffeeberry	12.12	
32 93 33 00-0535	EA	5	Gallon Rhamnus californica - Coffeeberry	34.65	
32 93 33 00-0536	EA	15	Gallon Rhamnus californica - Coffeeberry	103.98	
32 93 33 00-0537	EA	4'	To 5' Rhamnus frangula "Columnaris" - Tallhedge	60.78	
32 93 33 00-0538	EA	5'	To 6' Rhamnus frangula "Columnaris" - Tallhedge	83.32	
32 93 33 00-0539	EA	6'	To 8' Rhamnus frangula "Columnaris" - Tallhedge	108.36	
32 93 33 00-0540	EA	10'	To 12' Rhamnus frangula "Columnaris" - Tallhedge	198.16	
32 93 33 00-0541	EA	1	Gallon Ralphialepis indica 'Ballerina' - Ballerina Indian Hawthorn	9.71	
32 93 33 00-0542	EA	5	Gallon Ralphialepis indica 'Ballerina' - Ballerina Indian Hawthorn	23.05	
32 93 33 00-0543	EA	15	Gallon Ralphialepis indica 'Ballerina' - Ballerina Indian Hawthorn	97.99	
32 93 33 00-0544	EA	1	Gallon Rhododendron - Azalea Evergreen Hybrids	12.95	
32 93 33 00-0545	EA	2	Gallon Rhododendron - Azalea Evergreen Hybrids	26.16	
32 93 33 00-0546	EA	3	Gallon Rhododendron - Azalea Evergreen Hybrids	34.13	
32 93 33 00-0547	EA	5	Gallon Rhododendron - Azalea Evergreen Hybrids	39.61	
32 93 33 00-0548	EA	15"	To 18" Rhododendron - Azalea Evergreen Hybrids	46.33	
32 93 33 00-0549	EA	18"	To 24" Rhododendron - Azalea Evergreen Hybrids	58.17	
32 93 33 00-0550	EA	2'	To 2-1/2' Rhododendron - Azalea Evergreen Hybrids	84.57	
32 93 33 00-0551	EA	2-1/2'	To 3' Rhododendron - Azalea Evergreen Hybrids	118.82	
32 93 33 00-0552	EA	1	Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	14.57	
32 93 33 00-0553	EA	2	Gallon Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	26.16	
32 93 33 00-0554	EA	15'	To 18" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	44.96	
32 93 33 00-0555	EA	18"	To 24" Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	58.17	
32 93 33 00-0556	EA	2'	To 3' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	84.57	
32 93 33 00-0557	EA	3'	To 4' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	124.18	
32 93 33 00-0558	EA	4'	To 5' Rhododendron - Azalea Exbury, Knapp Hill And Llam Hybrids	166.40	
32 93 33 00-0559	EA	5	Gallon Rhododendron - Boxleaf Azara	33.13	
32 93 33 00-0560	EA	15	Gallon Rhododendron - Boxleaf Azara	118.82	
32 93 33 00-0561	EA	15"	To 18" Rhododendron - Carolina Rhododendron	37.49	
32 93 33 00-0562	EA	18"	To 24" Rhododendron - Carolina Rhododendron	66.01	
32 93 33 00-0563	EA	24"	To 30" Rhododendron - Carolina Rhododendron	97.77	
32 93 33 00-0564	EA	2'	To 3' Rhododendron - Five-leafed Azalea	44.46	
32 93 33 00-0565	EA	3'	To 4' Rhododendron - Five-leafed Azalea	58.17	
32 93 33 00-0566	EA	4'	To 5' Rhododendron - Five-leafed Azalea	76.60	
32 93 33 00-0567	EA	15"	To 18" Rhododendron - Ghent Azalea	44.46	
32 93 33 00-0568	EA	18"	To 24" Rhododendron - Ghent Azalea	55.42	
32 93 33 00-0569	EA	2'	To 3' Rhododendron - Ghent Azalea	89.80	
32 93 33 00-0570	EA	3'	To 4' Rhododendron - Ghent Azalea	124.18	
32 93 33 00-0571	EA	4'	To 5' Rhododendron - Ghent Azalea	166.40	
32 93 33 00-0572	EA	5'	To 6' Rhododendron - Ghent Azalea	221.95	
32 93 33 00-0573	EA	1	Gallon Rhododendron - Hybrid Rhododendron	14.57	
32 93 33 00-0574	EA	2	Gallon Rhododendron - Hybrid Rhododendron	31.51	
32 93 33 00-0575	EA	3	Gallon Rhododendron - Hybrid Rhododendron	44.71	
32 93 33 00-0576	EA	5	Gallon Rhododendron - Hybrid Rhododendron	49.94	
32 93 33 00-0577	EA	15"	To 18" Rhododendron - Hybrid Rhododendron	42.22	
32 93 33 00-0578	EA	18"	To 24" Rhododendron - Hybrid Rhododendron	58.17	
32 93 33 00-0579	EA	24"	To 30" Rhododendron - Hybrid Rhododendron	79.21	
32 93 33 00-0580	EA	30"	To 36" Rhododendron - Hybrid Rhododendron	92.42	
32 93 33 00-0581	EA	36"	To 42" Rhododendron - Hybrid Rhododendron	132.15	
32 93 33 00-0582	EA	42"	To 48" Rhododendron - Hybrid Rhododendron	163.78	
32 93 33 00-0583	EA	15"	To 18" Rhododendron - Pjm Rhododendron	47.58	
32 93 33 00-0584	EA	18"	To 24" Rhododendron - Pjm Rhododendron	58.17	
32 93 33 00-0585	EA	2'	To 2-1/2' Rhododendron - Pjm Rhododendron	84.57	
32 93 33 00-0586	EA	2-1/2'	To 3' Rhododendron - Pjm Rhododendron	108.36	
32 93 33 00-0587	EA	3'	To 3-1/2' Rhododendron - Pjm Rhododendron	132.15	
32 93 33 00-0588	EA	12"	To 15" Rhododendron - Torch Azalea	36.99	
32 93 33 00-0589	EA	15"	To 18" Rhododendron - Torch Azalea	44.46	
32 93 33 00-0590	EA	18"	To 24" Rhododendron - Torch Azalea	55.42	
32 93 33 00-0591	EA	2'	To 3' Rhododendron - Torch Azalea	92.42	
32 93 33 00-0592	EA	3	Gallon Rhododendron cvs - Lepidote Rhododendron	41.74	
32 93 33 00-0593	EA	5	Gallon Rhododendron cvs - Lepidote Rhododendron	51.01	
32 93 33 00-0594	EA	18"	Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	62.61	
32 93 33 00-0595	EA	24"	Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	78.84	
32 93 33 00-0596	EA	30"	Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	92.75	
32 93 33 00-0597	EA	36"	Balled and Burlapped, Rhododendron cvs - Lepidote Rhododendron	111.30	
32 93 33 00-0598	EA	1	Gallon Rhus glabra - Dwarf Smooth Sumac	11.96	
32 93 33 00-0599	EA	5	Gallon Rhus glabra - Dwarf Smooth Sumac	33.13	
32 93 33 00-0600	EA	2	Gallon Rhus aromatica & cvs - Fragrant Sumac	27.83	
32 93 33 00-0601	EA	5	Gallon Rhus aromatica & cvs - Fragrant Sumac	38.26	
32 93 33 00-0602	EA	18"	Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	44.06	
32 93 33 00-0603	EA	24"	Balled and Burlapped, Rhus aromatica & cvs - Fragrant Sumac	57.97	
32 93 33 00-0604	EA	36"	Balled and Burlapped, Rhus glabra - Smooth Sumac	34.78	
32 93 33 00-0605	EA	48"	Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	57.97	
32 93 33 00-0606	EA	72"	Balled and Burlapped, Rhus typhina & cvs - Staghorn Sumac	92.75	
32 93 33 00-0607	EA	15"	Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	31.30	
32 93 33 00-0608	EA	18"	Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	35.94	
32 93 33 00-0609	EA	24"	Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	52.17	
32 93 33 00-0610	EA	30"	Balled and Burlapped, Ribes alpinum & cvs - Alpine Currant	69.56	
32 93 33 00-0611	EA	1	Gallon Rosa hybrids & cvs - Shrub Rose	19.13	
32 93 33 00-0612	EA	2	Gallon Rosa hybrids & cvs - Shrub Rose	23.19	
32 93 33 00-0613	EA	3	Gallon Rosa hybrids & cvs - Shrub Rose	28.98	
32 93 33 00-0614	EA	2	Gallon Rosa rugosa & cvs - Rugosa Rose	20.87	

32 Exterior Improvements**32 90 Planting****32 93 Plants**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

32 93 33 00-0615	EA	3 Gallon Rosa rugosa & cvs - Rugosa Rose.....	26.67	
32 93 33 00-0616	EA	5 Gallon Sambucus canadensis - American Elder.....	38.26	
32 93 33 00-0617	EA	1 Gallon Santolina chamaecyparissus - Lavender Cotton.....	9.12	
32 93 33 00-0618	EA	5 Gallon Santolina chamaecyparissus - Lavender Cotton.....	22.56	
32 93 33 00-0619	EA	1 Gallon Santolina rosmarinifolia - Green Lavender Cotton.....	9.12	
32 93 33 00-0620	EA	5 Gallon Santolina rosmarinifolia - Green Lavender Cotton.....	22.56	
32 93 33 00-0621	EA	2 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	17.19	
32 93 33 00-0622	EA	3 Gallon Sarcococca hookeriana humilis - Himalayan Sarcococca.....	25.16	
32 93 33 00-0623	EA	1 Gallon Sarcococca humilis - Fragrant Sarcococca.....	9.34	
32 93 33 00-0624	EA	5 Gallon Sarcococca humilis - Fragrant Sarcococca.....	24.41	
32 93 33 00-0625	EA	5 Gallon Senna artemisioides - Feathery Cassia.....	25.20	
32 93 33 00-0626	EA	15 Gallon Senna artemisioides - Feathery Cassia.....	100.27	
32 93 33 00-0627	EA	24" Box Senna artemisioides - Feathery Cassia.....	314.97	
32 93 33 00-0628	EA	1 Gallon Skimmia japonica - Japanese Skimmia.....	11.96	
32 93 33 00-0629	EA	2 Gallon Skimmia japonica - Japanese Skimmia.....	23.79	
32 93 33 00-0630	EA	5 Gallon Skimmia japonica - Japanese Skimmia.....	38.36	
32 93 33 00-0631	EA	1 Gallon Sollya fusiformis - Bluebell Creeper.....	9.12	
32 93 33 00-0632	EA	5 Gallon Sollya fusiformis - Bluebell Creeper.....	22.56	
32 93 33 00-0633	EA	3' To 4' Spiraea - Garland Spirea.....	55.42	
32 93 33 00-0634	EA	4' To 5' Spiraea - Garland Spirea.....	84.57	
32 93 33 00-0635	EA	5 Gallon Spiraea - Snowmound Spirea.....	33.13	
32 93 33 00-0636	EA	18" To 24" Spiraea - Snowmound Spirea.....	27.15	
32 93 33 00-0637	EA	2' To 3' Spiraea - Snowmound Spirea.....	38.36	
32 93 33 00-0638	EA	3' To 4' Spiraea - Snowmound Spirea.....	44.47	
32 93 33 00-0639	EA	4' To 5' Spiraea - Snowmound Spirea.....	76.60	
32 93 33 00-0640	EA	1 Gallon Spiraea japonica & cvs - Japanese Spirea.....	11.96	
32 93 33 00-0641	EA	2 Gallon Spiraea japonica & cvs - Japanese Spirea.....	23.54	
32 93 33 00-0642	EA	3 Gallon Spiraea japonica & cvs - Japanese Spirea.....	27.25	
32 93 33 00-0643	EA	5 Gallon Spiraea japonica & cvs - Japanese Spirea.....	29.56	
32 93 33 00-0644	EA	18" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	30.14	
32 93 33 00-0645	EA	24" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	34.78	
32 93 33 00-0646	EA	30" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	39.42	
32 93 33 00-0647	EA	36" Balled and Burlapped, Spiraea japonica & cvs - Japanese Spirea.....	45.80	
32 93 33 00-0648	EA	2 Gallon Spiraea nipponica & cvs - Nippon Spirea.....	18.55	
32 93 33 00-0649	EA	5 Gallon Spiraea nipponica & cvs - Nippon Spirea.....	27.83	
32 93 33 00-0650	EA	18" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spirea.....	25.51	
32 93 33 00-0651	EA	24" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spirea.....	30.14	
32 93 33 00-0652	EA	30" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spirea.....	34.78	
32 93 33 00-0653	EA	36" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spirea.....	39.42	
32 93 33 00-0654	EA	48" Balled and Burlapped, Spiraea nipponica & cvs - Nippon Spirea.....	51.01	
32 93 33 00-0655	EA	1 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	11.96	
32 93 33 00-0656	EA	2 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	21.45	
32 93 33 00-0657	EA	4 Gallon Spiraea x bumalda & cvs - Bumalda Spirea.....	27.83	
32 93 33 00-0658	EA	18" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea.....	24.35	
32 93 33 00-0659	EA	24" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea.....	29.56	
32 93 33 00-0660	EA	30" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea.....	34.78	
32 93 33 00-0661	EA	36" Balled and Burlapped, Spiraea x bumalda & cvs - Bumalda Spirea.....	39.42	
32 93 33 00-0662	EA	5 Gallon Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	27.83	
32 93 33 00-0663	EA	18" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	27.83	
32 93 33 00-0664	EA	24" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	32.46	
32 93 33 00-0665	EA	30" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	44.06	
32 93 33 00-0666	EA	36" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	51.01	
32 93 33 00-0667	EA	42" Balled and Burlapped, Spiraea x vanhouttei & cvs - Vanhoutte Spirea.....	60.29	
32 93 33 00-0668	EA	5 Gallon Staphylea trifolia - Bladdernut.....	39.14	
32 93 33 00-0669	EA	2 Gallon Stephanandra incisa & cvs - Cutleaf Stephanandra.....	27.83	
32 93 33 00-0670	EA	5 Gallon Stephanandra incisa & cvs - Cutleaf Stephanandra.....	30.14	
32 93 33 00-0671	EA	24" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanandra.....	34.78	
32 93 33 00-0672	EA	30" Balled and Burlapped, Stephanandra incisa & cvs - Cutleaf Stephanandra.....	41.74	
32 93 33 00-0673	EA	2 Gallon Symphoricarpos albus - Common Snowberry.....	28.98	
32 93 33 00-0674	EA	5 Gallon Symphoricarpos albus - Common Snowberry.....	30.72	
32 93 33 00-0675	EA	24" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac.....	51.01	
32 93 33 00-0676	EA	30" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac.....	63.77	
32 93 33 00-0677	EA	36" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac.....	74.20	
32 93 33 00-0678	EA	42" Balled and Burlapped, Syringa meyeri & cvs - Meyer Lilac.....	85.79	
32 93 33 00-0679	EA	18" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac.....	51.01	
32 93 33 00-0680	EA	24" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac.....	55.65	
32 93 33 00-0681	EA	30" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac.....	63.77	
32 93 33 00-0682	EA	36" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac.....	74.20	
32 93 33 00-0683	EA	42" Balled and Burlapped, Syringa patula 'Miss Kim' - Miss Kim Lilac.....	85.79	
32 93 33 00-0684	EA	60" Balled and Burlapped, Syringa villosa & cvs - Late Lilac.....	40.58	
32 93 33 00-0685	EA	72" Balled and Burlapped, Syringa villosa & cvs - Late Lilac.....	44.06	
32 93 33 00-0686	EA	36" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac.....	34.78	
32 93 33 00-0687	EA	42" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac.....	39.42	
32 93 33 00-0688	EA	48" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac.....	44.06	
32 93 33 00-0689	EA	60" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac.....	51.01	
32 93 33 00-0690	EA	72" Balled and Burlapped, Syringa vulgaris & cvs - Common Lilac.....	62.61	
32 93 33 00-0691	EA	5 Gallon Syringa x chinensis & cvs - Chinese Lilac.....	28.98	
32 93 33 00-0692	EA	36" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac.....	33.62	
32 93 33 00-0693	EA	48" Balled and Burlapped, Syringa x hyacinthiflora & cvs - Hybrid Lilac.....	44.06	
32 93 33 00-0694	EA	48" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew.....	184.34	
32 93 33 00-0695	EA	54" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew.....	206.37	
32 93 33 00-0696	EA	60" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew.....	227.24	
32 93 33 00-0697	EA	72" Balled and Burlapped, Taxus cuspidata capitata - Capitata Japanese Yew.....	273.62	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0698	EA	18"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	48.69	
32 93 33 00-0699	EA	24"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	63.77	
32 93 33 00-0700	EA	30"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	74.20	
32 93 33 00-0701	EA	36"	Balled and Burlapped, Taxus cuspidata cvs - Dwarf & Spreading Japanese Yew	81.16	
32 93 33 00-0702	EA	15"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	48.69	
32 93 33 00-0703	EA	18"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	63.77	
32 93 33 00-0704	EA	24"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	75.36	
32 93 33 00-0705	EA	30"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	89.27	
32 93 33 00-0706	EA	36"	Balled and Burlapped, Taxus x media & cvs - Anglojap Yew	134.49	
32 93 33 00-0707	EA	36"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	74.20	
32 93 33 00-0708	EA	48"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	99.71	
32 93 33 00-0709	EA	60"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	150.72	
32 93 33 00-0710	EA	72"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	220.28	
32 93 33 00-0711	EA	84"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	252.75	
32 93 33 00-0712	EA	96"	Balled and Burlapped, Thuja occidentalis & cvs - Upright Arborvitae	293.33	
32 93 33 00-0713	EA	15"	Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	32.46	
32 93 33 00-0714	EA	18"	Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	45.22	
32 93 33 00-0715	EA	24"	Balled and Burlapped, Thuja occidentalis cvs - Dwarf Arborvitae	63.77	
32 93 33 00-0716	EA	3'	To 4' Viburnum dilatatum - Linden Viburnum	55.43	
32 93 33 00-0717	EA	4'	To 5' Viburnum dilatatum - Linden Viburnum	84.57	
32 93 33 00-0718	EA	5'	To 6' Viburnum dilatatum - Linden Viburnum	110.98	
32 93 33 00-0719	EA	1	Gallon Viburnum japonicum - Japanese Viburnum	6.73	
32 93 33 00-0720	EA	3	Gallon Viburnum japonicum - Japanese Viburnum	18.43	
32 93 33 00-0721	EA	5	Gallon Viburnum plicatum - Japanese Snowball	33.13	
32 93 33 00-0722	EA	5'	To 6' Viburnum plicatum - Japanese Snowball	124.18	
32 93 33 00-0723	EA	2'	To 3' Viburnum rhytidophyllum - Leatherleaf Viburnum	58.17	
32 93 33 00-0724	EA	3'	To 4' Viburnum rhytidophyllum - Leatherleaf Viburnum	68.63	
32 93 33 00-0725	EA	4'	To 5' Viburnum rhytidophyllum - Leatherleaf Viburnum	96.53	
32 93 33 00-0726	EA	30"	Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	63.77	
32 93 33 00-0727	EA	36"	Balled and Burlapped, Viburnum burkwoodii & cvs - Burkwood Viburnum	76.52	
32 93 33 00-0728	EA	24"	Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	57.97	
32 93 33 00-0729	EA	30"	Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	69.56	
32 93 33 00-0730	EA	36"	Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	81.16	
32 93 33 00-0731	EA	42"	Balled and Burlapped, Viburnum carlesii & cvs - Korean Spice Viburnum	92.75	
32 93 33 00-0732	EA	1	Gallon Viburnum davidii - David Viburnum	9.12	
32 93 33 00-0733	EA	5	Gallon Viburnum davidii - David Viburnum	22.56	
32 93 33 00-0734	EA	36"	Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	32.46	
32 93 33 00-0735	EA	42"	Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	34.78	
32 93 33 00-0736	EA	48"	Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	40.58	
32 93 33 00-0737	EA	60"	Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	46.38	
32 93 33 00-0738	EA	72"	Balled and Burlapped, Viburnum dentatum & cvs - Arrowwood Viburnum	51.01	
32 93 33 00-0739	EA	30"	Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	31.30	
32 93 33 00-0740	EA	36"	Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	34.78	
32 93 33 00-0741	EA	42"	Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	44.06	
32 93 33 00-0742	EA	48"	Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	51.01	
32 93 33 00-0743	EA	60"	Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	69.56	
32 93 33 00-0744	EA	72"	Balled and Burlapped, Viburnum lantana & cvs - Wayfaringtree Viburnum	83.48	
32 93 33 00-0745	EA	36"	Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	34.78	
32 93 33 00-0746	EA	48"	Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	46.38	
32 93 33 00-0747	EA	5'	Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	57.97	
32 93 33 00-0748	EA	6'	Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	81.16	
32 93 33 00-0749	EA	7'	Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	115.94	
32 93 33 00-0750	EA	8'	Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	162.31	
32 93 33 00-0751	EA	9'	Balled and Burlapped, Viburnum lentago & cvs - Nannyberry Viburnum	208.69	
32 93 33 00-0752	EA	30"	Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	41.74	
32 93 33 00-0753	EA	36"	Balled and Burlapped, Viburnum plicatum tomentosum & cvs - Doublefile Viburnum	46.38	
32 93 33 00-0754	EA	36"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	83.48	
32 93 33 00-0755	EA	48"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	127.53	
32 93 33 00-0756	EA	60"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	162.31	
32 93 33 00-0757	EA	72"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	197.10	
32 93 33 00-0758	EA	84"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	243.47	
32 93 33 00-0759	EA	96"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	289.85	
32 93 33 00-0760	EA	108"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	347.82	
32 93 33 00-0761	EA	120"	Balled and Burlapped, Viburnum prunifolium & cvs - Blackhaw Viburnum	405.79	
32 93 33 00-0762	EA	30"	Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	35.36	
32 93 33 00-0763	EA	36"	Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	38.84	
32 93 33 00-0764	EA	48"	Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	44.06	
32 93 33 00-0765	EA	60"	Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	51.01	
32 93 33 00-0766	EA	72"	Balled and Burlapped, Viburnum sargentii & cvs - Sargent Viburnum	58.55	
32 93 33 00-0767	EA	18"	Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	33.62	
32 93 33 00-0768	EA	24"	Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	40.58	
32 93 33 00-0769	EA	30"	Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	48.69	
32 93 33 00-0770	EA	36"	Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	55.65	
32 93 33 00-0771	EA	42"	Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	67.24	
32 93 33 00-0772	EA	48"	Balled and Burlapped, Viburnum trilobum & cvs - American Cranberry Viburnum	74.20	
32 93 33 00-0773	EA	30"	Balled and Burlapped, Viburnum x carcephalum & cvs - Fragrant Viburnum	57.97	
32 93 33 00-0774	EA	36"	Balled and Burlapped, Viburnum x carcephalum & cvs - Fragrant Viburnum	69.56	
32 93 33 00-0775	EA	42"	Balled and Burlapped, Viburnum x carcephalum & cvs - Fragrant Viburnum	81.16	
32 93 33 00-0776	EA	48"	Balled and Burlapped, Viburnum x carcephalum & cvs - Fragrant Viburnum	92.75	
32 93 33 00-0777	EA	60"	Balled and Burlapped, Viburnum x carcephalum & cvs - Fragrant Viburnum	104.35	
32 93 33 00-0778	EA	30"	Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	74.20	
32 93 33 00-0779	EA	36"	Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	83.48	
32 93 33 00-0780	EA	42"	Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	95.07	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 33 00-0781	EA	48" Balled and Burlapped, Viburnum x juddii & cvs - Judd Viburnum	108.98
32 93 33 00-0782	EA	2' To 3' Viburnum opulus "Roseum" - Fragrant Snowball	68.63
32 93 33 00-0783	EA	3' To 4' Viburnum opulus "Roseum" - Fragrant Snowball	84.57
32 93 33 00-0784	EA	4' To 5' Viburnum opulus "Roseum" - Fragrant Snowball	124.18
32 93 33 00-0785	EA	5 Gallon Weigela florida & cvs - Old Fashioned Weigela	38.26
32 93 33 00-0786	EA	24" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	34.78
32 93 33 00-0787	EA	30" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	39.42
32 93 33 00-0788	EA	36" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	44.06
32 93 33 00-0789	EA	42" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	51.01
32 93 33 00-0790	EA	48" Balled and Burlapped, Weigela florida & cvs - Old Fashioned Weigela	57.97
32 93 33 00-0791	EA	1 Gallon Xylosma congestum - Shiny Xylosma	7.97
32 93 33 00-0792	EA	5 Gallon Xylosma congestum - Shiny Xylosma	22.54
32 93 33 00-0793	EA	15 Gallon Xylosma congestum - Shiny Xylosma	99.14
32 93 33 00-0794	EA	1 Gallon Yucca aloifolia - Spanish Bayonet	6.73
32 93 33 00-0795	EA	3 Gallon Yucca aloifolia - Spanish Bayonet	17.81
32 93 33 00-0796	EA	1 Gallon Yucca filamentosa - Adams Needle	9.34
32 93 33 00-0797	EA	3 Gallon Yucca filamentosa - Adams Needle	18.18
32 93 33 00-0798	EA	5 Gallon Yucca filamentosa - Adams Needle	28.77
32 93 33 00-0799	EA	5 Gallon Border Forsythia - Goldenbells	32.01
32 93 33 00-0800	EA	2' To 3' Border Forsythia - Goldenbells	26.40
32 93 33 00-0801	EA	3' To 4' Border Forsythia - Goldenbells	33.38
32 93 33 00-0802	EA	4' To 5' Border Forsythia - Goldenbells	41.60
32 93 33 00-0803	EA	5' To 6' Border Forsythia - Goldenbells	49.94
32 93 33 00-0804	EA	6' To 8' Border Forsythia - Goldenbells	68.63
32 93 33 00-0805	EA	3' Juniperus chinensis - Columnar Chinese Juniper	68.00
32 93 33 00-0806	EA	4' Juniperus chinensis - Columnar Chinese Juniper	93.33
32 93 33 00-0807	EA	5' Juniperus chinensis - Columnar Chinese Juniper	146.66
32 93 33 00-0808	EA	6' Juniperus chinensis - Columnar Chinese Juniper	170.66
32 93 33 00-0809	EA	7' Juniperus chinensis - Columnar Chinese Juniper	223.99
32 93 33 00-0810	EA	2 Gallon Chrysobalanus icaco - Cocoplum Red Tip	13.33
32 93 33 00-0811	EA	3 Gallon Chrysobalanus icaco - Cocoplum Red Tip	18.67
32 93 33 00-0812	EA	5 Gallon Chrysobalanus icaco - Cocoplum Red Tip	45.20
32 93 33 00-0813	EA	2 Gallon Chrysobalanus icaco - Cocoplum Green Tip	13.33
32 93 33 00-0814	EA	3 Gallon Chrysobalanus icaco - Cocoplum Green Tip	18.67
32 93 33 00-0815	EA	Beile Poitvine Roses	53.33
32 93 33 00-0816	EA	3 Gallon Bird Of Paradise	24.00
32 93 33 00-0817	EA	5 Gallon Bird Of Paradise	37.33
32 93 33 00-0818	EA	7 Gallon Bird Of Paradise	50.67
32 93 33 00-0819	EA	10 Gallon Bird Of Paradise	101.33
32 93 33 00-0820	EA	18" Bonica Roses	61.33
32 93 33 00-0821	EA	1 Gallon Burmese Grape	10.67
32 93 33 00-0822	EA	5 Gallon Burmese Grape	29.33
32 93 33 00-0823	EA	15 Gallon Burmese Grape	109.33
32 93 33 00-0824	EA	6" To 9" Canby Paxistima	21.33
32 93 33 00-0825	EA	9" To 12" Canby Paxistima	26.67
32 93 33 00-0826	EA	12" To 15" Canby Paxistima	34.67
32 93 33 00-0827	EA	5 Gallon Chastetree	37.33
32 93 33 00-0828	EA	3' Chinese Lilac	53.33
32 93 33 00-0829	EA	4' Chinese Lilac	66.66
32 93 33 00-0830	EA	5' Chinese Lilac	90.66
32 93 33 00-0831	EA	1 Gallon Christmas Berry	13.33
32 93 33 00-0832	EA	2 Gallon Christmas Berry	29.33
32 93 33 00-0833	EA	5 Gallon Christmas Berry	42.67
32 93 33 00-0834	EA	15 Gallon Christmas Berry	197.33
32 93 33 00-0835	EA	1 Gallon Concha Wild Lilac	10.67
32 93 33 00-0836	EA	5 Gallon Concha Wild Lilac	26.67
32 93 33 00-0837	EA	1 Gallon Flower Carpet Roses	26.67
32 93 33 00-0838	EA	3 Gallon Flower Carpet Roses	50.67
32 93 33 00-0839	EA	Goldfinger Potentillas	42.67
32 93 33 00-0840	EA	Green Mound Alpine Currents	53.33
32 93 33 00-0841	EA	24" Gro-Low Sumacs	53.33
32 93 33 00-0842	EA	3 Gallon Heliconia	24.00
32 93 33 00-0843	EA	1' Ibolium Private	2.67
32 93 33 00-0844	EA	2' Ibolium Private	10.67
32 93 33 00-0845	EA	3' Ibolium Private	18.67
32 93 33 00-0846	EA	5 Gallon Japanese Privit	29.33
32 93 33 00-0847	EA	24" Spirea - Little Princess	56.00
32 93 33 00-0848	EA	2' Longstalk Holly	53.33
32 93 33 00-0849	EA	2-1/2' Longstalk Holly	72.00
32 93 33 00-0850	EA	3' Longstalk Holly	90.66
32 93 33 00-0851	EA	3-1/2' Longstalk Holly	101.33
32 93 33 00-0852	EA	3 Gallon Low Dense Pyracantha	26.67
32 93 33 00-0853	EA	1 Gallon Pacific Wax Myrtle	8.00
32 93 33 00-0854	EA	5 Gallon Pacific Wax Myrtle	26.67
32 93 33 00-0855	EA	1 Gallon Red Escallonia	8.00
32 93 33 00-0856	EA	5 Gallon Red Escallonia	26.67
32 93 33 00-0857	EA	15 Gallon Red Escallonia	109.33
32 93 33 00-0858	EA	24" Smooth Hydrangeas	64.00
32 93 33 00-0859	EA	15" To 18" Somerset Burkwood Daphne	42.67
32 93 33 00-0860	EA	18" To 24" Somerset Burkwood Daphne	56.00
32 93 33 00-0861	EA	1 Gallon Spring Bouquet Laurustinis	8.00
32 93 33 00-0862	EA	5 Gallon Spring Bouquet Laurustinis	29.33
32 93 33 00-0863	EA	15" To 18" Summersweet	32.00

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 33 00-0864	EA		18" To 24" Summersweet	37.33	
32 93 33 00-0865	EA		2' Sweet Shrubs	42.67	
32 93 33 00-0866	EA		3' Sweet Shrubs	56.00	
32 93 33 00-0867	EA		1 Gallon Variegated Silverberry	8.00	
32 93 33 00-0868	EA		3 Gallon Variegated Silverberry	18.67	
32 93 33 00-0869	EA		15 Gallon Variegated Silverberry	109.33	
32 93 33 00-0870	EA		1 Gallon Variegated Winter Daphne	13.33	
32 93 33 00-0871	EA		5 Gallon Variegated Winter Daphne	42.67	
32 93 33 00-0872	EA		15 Gallon Variegated Winter Daphne	197.33	
32 93 33 00-0873	EA		2' To 3' Virginia Sweetspire	93.33	
32 93 33 00-0874	EA		1 Gallon Warminster Broom	13.33	
32 93 33 00-0875	EA		2 Gallon Warminster Broom	26.67	
32 93 33 00-0876	EA		5 Gallon Warminster Broom	37.33	

32 93 43 Trees (32 93)

Note: (cvs = cultivar) materials only. See CSI section 32 93 83 00-0001 for installation and planting of trees.

32 93 43 00-0001 Deciduous Ornamental Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0002	EA		6' Clump Form Acer ginnala & cvs - Amur Maple	319.15	
32 93 43 00-0003	EA		7' Clump Form Acer ginnala & cvs - Amur Maple	390.07	
32 93 43 00-0004	EA		8' Clump Form Acer ginnala & cvs - Amur Maple	443.26	
32 93 43 00-0005	EA		10' Clump Form Acer ginnala & cvs - Amur Maple	514.18	
32 93 43 00-0006	EA		12' Clump Form Acer ginnala & cvs - Amur Maple	585.10	
32 93 43 00-0007	EA		14' Clump Form Acer ginnala & cvs - Amur Maple	691.49	
32 93 43 00-0008	EA		1-1/2" To 2" Caliper Acer griseum - Paperbark Maple	253.22	
32 93 43 00-0009	EA		2" To 2-1/2" Caliper Acer griseum - Paperbark Maple	1,134.75	
32 93 43 00-0010	EA		2-1/2" To 3" Caliper Acer griseum - Paperbark Maple	1,418.43	
32 93 43 00-0011	EA		5' Clump Form Acer griseum - Paperbark Maple	283.69	
32 93 43 00-0012	EA		1-1/2" Caliper Aesculus californica - California Buckeye	709.22	
32 93 43 00-0013	EA		2" Caliper Aesculus californica - California Buckeye	921.98	
32 93 43 00-0014	EA		2-1/2" Caliper Aesculus californica - California Buckeye	1,063.83	
32 93 43 00-0015	EA		3" Caliper Aesculus californica - California Buckeye	1,205.67	
32 93 43 00-0016	EA		3-1/2" Caliper Aesculus californica - California Buckeye	1,418.43	
32 93 43 00-0017	EA		36" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	92.75	
32 93 43 00-0018	EA		48" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	115.94	
32 93 43 00-0019	EA		60" Balled and Burlapped, Amelanchier alnifolia & cvs - Saskatoon Serviceberry	143.76	
32 93 43 00-0020	EA		60" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	115.94	
32 93 43 00-0021	EA		72" Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	139.13	
32 93 43 00-0022	EA		7' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	162.31	
32 93 43 00-0023	EA		8' Balled and Burlapped, Amelanchier arborea & cvs - Downy Serviceberry	185.50	
32 93 43 00-0024	EA		5' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	208.69	
32 93 43 00-0025	EA		6' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	231.88	
32 93 43 00-0026	EA		7' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	266.66	
32 93 43 00-0027	EA		8' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	301.44	
32 93 43 00-0028	EA		9' Balled and Burlapped, Amelanchier canadensis & cvs - Shadblow Serviceberry	347.82	
32 93 43 00-0029	EA		7' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	266.66	
32 93 43 00-0030	EA		8' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	313.04	
32 93 43 00-0031	EA		9' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	359.41	
32 93 43 00-0032	EA		10' Balled and Burlapped, Amelanchier laevis & cvs - Allegheny Serviceberry	394.19	
32 93 43 00-0033	EA		30" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	92.75	
32 93 43 00-0034	EA		48" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	197.10	
32 93 43 00-0035	EA		60" Balled and Burlapped, Amelanchier stolonifera & cvs - Running Serviceberry	255.07	
32 93 43 00-0036	EA		2' To 4' Amelemchier - Juneberry	28.23	
32 93 43 00-0037	EA		4' To 5' Amelemchier - Juneberry	29.62	
32 93 43 00-0038	EA		5' To 6' Amelemchier - Juneberry	35.26	
32 93 43 00-0039	EA		6' To 8' Amelemchier - Juneberry	42.07	
32 93 43 00-0040	EA		6' Cercis occidentalis - Western Redbud	198.60	
32 93 43 00-0041	EA		8' Cercis occidentalis - Western Redbud	273.23	
32 93 43 00-0042	EA		2-1/2" Caliper Cercis occidentalis - Western Redbud	562.76	
32 93 43 00-0043	EA		3" Caliper Cercis occidentalis - Western Redbud	685.10	
32 93 43 00-0044	EA		2' To 3' Magnolia Virginiana - Sweetbay Magnolia	67.20	
32 93 43 00-0045	EA		3' To 4' Magnolia Virginiana - Sweetbay Magnolia	100.80	
32 93 43 00-0046	EA		4' To 5' Magnolia Virginiana - Sweetbay Magnolia	126.01	
32 93 43 00-0047	EA		5' To 6' Magnolia Virginiana - Sweetbay Magnolia	156.94	
32 93 43 00-0048	EA		4' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	265.96	
32 93 43 00-0049	EA		5' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	354.61	
32 93 43 00-0050	EA		6' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	460.99	
32 93 43 00-0051	EA		7' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	514.18	
32 93 43 00-0052	EA		8' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	620.57	
32 93 43 00-0053	EA		9' Clump Form Magnolia soulangiana & cvs - Saucer Magnolia	691.49	
32 93 43 00-0054	EA		4' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	265.96	
32 93 43 00-0055	EA		5' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	354.61	
32 93 43 00-0056	EA		6' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	460.99	
32 93 43 00-0057	EA		7' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	514.18	
32 93 43 00-0058	EA		8' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	620.57	
32 93 43 00-0059	EA		9' Clump Form Magnolia stellata, cvs & hybrids - Star Magnolia	691.49	
32 93 43 00-0060	EA		1 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	6.05	
32 93 43 00-0061	EA		5 Gallon Platanus racemosa, Multi Trunk - Western Sycamore	25.61	
32 93 43 00-0062	EA		20 Gallon Prunus subhirtella - Flowering Cherry	349.77	
32 93 43 00-0063	EA		1-1/2" To 2" Caliper Prunus subhirtella - Flowering Cherry	361.56	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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32 93 43 00-0064	EA	2"	To 2-1/2" Caliper Prunus subhirtella - Flowering Cherry.....	451.90	
32 93 43 00-0065	EA	3-1/2"	To 4" Caliper Prunus subhirtella - Flowering Cherry.....	943.07	
32 93 43 00-0066	EA	3"	To 3-1/2" Caliper Prunus subhirtella - Flowering Cherry.....	726.85	
32 93 43 00-0067	EA	4"	To 5" Caliper Prunus subhirtella - Flowering Cherry.....	1,414.61	
32 93 43 00-0068	EA	5	Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum.....	90.34	
32 93 43 00-0069	EA	15	Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum.....	247.46	
32 93 43 00-0070	EA	20	Gallon Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum.....	322.28	
32 93 43 00-0071	EA	5'	To 6' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum.....	102.13	
32 93 43 00-0072	EA	6'	To 8' Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum.....	196.40	
32 93 43 00-0073	EA	1-1/2"	To 2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum.....	361.56	
32 93 43 00-0074	EA	2"	To 2-1/2" Caliper Prunus cerasifera x 'Thundercloud' - Thundercloud Purple Leaf Plum.....	432.25	
32 93 43 00-0075	EA	1-1/2"	To 1-3/4" Caliper Prunus subhirtella - Weeping Cherry.....	283.00	
32 93 43 00-0076	EA	1-1/4"	To 1-1/2" Caliper Prunus subhirtella - Weeping Cherry.....	235.67	
32 93 43 00-0077	EA	1-3/4"	To 2" Caliper Prunus subhirtella - Weeping Cherry.....	345.66	
32 93 43 00-0078	EA	2"	To 2-1/2" Caliper Prunus subhirtella - Weeping Cherry.....	412.62	
32 93 43 00-0079	EA	2-1/2"	To 3" Caliper Prunus subhirtella - Weeping Cherry.....	530.45	
32 93 43 00-0080	EA	15	Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear.....	273.08	
32 93 43 00-0081	EA	20	Gallon Pyrus Calleryana x 'Aristocrat' - Flowering Pear.....	341.36	
32 93 43 00-0082	EA	1-1/2"	To 2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear.....	355.01	
32 93 43 00-0083	EA	2"	To 2-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear.....	423.28	
32 93 43 00-0084	EA	2-1/2"	To 3" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear.....	573.47	
32 93 43 00-0085	EA	3"	To 3-1/2" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear.....	750.98	
32 93 43 00-0086	EA	3-1/2"	To 4" Caliper Pyrus Calleryana x 'Aristocrat' - Flowering Pear.....	955.79	
32 93 43 00-0087	EA	15	Gallon Pyrus Calleryana x "Bradford" - Flowering Pear.....	273.08	
32 93 43 00-0088	EA	20	Gallon Pyrus Calleryana x "Bradford" - Flowering Pear.....	341.36	
32 93 43 00-0089	EA	1-1/2"	To 2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear.....	232.12	
32 93 43 00-0090	EA	2"	To 2-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear.....	355.01	
32 93 43 00-0091	EA	2-1/2"	To 3" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear.....	422.91	
32 93 43 00-0092	EA	3"	To 3-1/2" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear.....	573.47	
32 93 43 00-0093	EA	3-1/2"	To 4" Caliper Pyrus Calleryana x "Bradford" - Flowering Pear.....	750.98	
32 93 43 00-0094	EA	1-1/2"	Caliper Pyrus calleryana & cvs - Callery Pear.....	497.43	
32 93 43 00-0095	EA	2"	Caliper Pyrus calleryana & cvs - Callery Pear.....	621.79	
32 93 43 00-0096	EA	2-1/2"	Caliper Pyrus calleryana & cvs - Callery Pear.....	771.02	
32 93 43 00-0097	EA	3"	Caliper Pyrus calleryana & cvs - Callery Pear.....	870.51	
32 93 43 00-0098	EA	3-1/2"	Caliper Pyrus calleryana & cvs - Callery Pear.....	970.00	
32 93 43 00-0099	EA	4"	Caliper Pyrus calleryana & cvs - Callery Pear.....	1,243.59	
32 93 43 00-0100	EA	1	Gallon Ribes aureum - Golden Currant.....	5.29	
32 93 43 00-0101	EA	5	Gallon Ribes aureum - Golden Currant.....	15.13	
32 93 43 00-0102	EA	1	Gallon Ribes sanguineum - Red Flowering Currant.....	5.29	
32 93 43 00-0103	EA	5	Gallon Ribes sanguineum - Red Flowering Currant.....	15.13	
32 93 43 00-0104	EA	1	Gallon Ribes viburnifolium - Evergreen Currant.....	5.29	
32 93 43 00-0105	EA	5	Gallon Ribes viburnifolium - Evergreen Currant.....	15.13	
32 93 43 00-0106	EA	8'	Cassia leptophlia - Gold Medallion Tree.....	382.37	
32 93 43 00-0107	EA	10'	Cassia leptophlia - Gold Medallion Tree.....	485.31	
32 93 43 00-0108	EA	12'	Cassia leptophlia - Gold Medallion Tree.....	588.26	
32 93 43 00-0109	EA	6'	Magnolia grandiflora 'St. Mary's'.....	441.20	
32 93 43 00-0110	EA	8'	Magnolia grandiflora 'St. Mary's'.....	779.44	
32 93 43 00-0111	EA	10'	Magnolia grandiflora 'St. Mary's'.....	979.45	
32 93 43 00-0112	EA	12'	Magnolia grandiflora 'St. Mary's'.....	1,176.52	
32 93 43 00-0113	EA	14'	Magnolia grandiflora 'St. Mary's'.....	1,367.70	
32 93 43 00-0114	EA	16'	Magnolia grandiflora 'St. Mary's'.....	1,617.72	
32 93 43 00-0115	EA	24"	Box Magnolia grandiflora 'St. Mary's'.....	485.31	
32 93 43 00-0116	EA	6'	Prunus cerasifera - Purple Leaf Plum.....	229.42	
32 93 43 00-0117	EA	8'	Prunus cerasifera - Purple Leaf Plum.....	264.72	
32 93 43 00-0118	EA	10'	Prunus cerasifera - Purple Leaf Plum.....	341.19	
32 93 43 00-0119	EA	24"	Box Prunus cerasifera - Purple Leaf Plum.....	363.25	
32 93 43 00-0120	EA	30"	Box Prunus cerasifera - Purple Leaf Plum.....	735.32	
32 93 43 00-0121	EA	36"	Box Prunus cerasifera - Purple Leaf Plum.....	1,127.99	
32 93 43 00-0122	EA	6'	Pittosporum phillyraeoides - Willow Pittorporum.....	479.43	
32 93 43 00-0123	EA	8'	Pittosporum phillyraeoides - Willow Pittorporum.....	685.32	
32 93 43 00-0124	EA	10'	Pittosporum phillyraeoides - Willow Pittorporum.....	820.62	
32 93 43 00-0125	EA	12'	Pittosporum phillyraeoides - Willow Pittorporum.....	1,058.87	
32 93 43 00-0126	EA	6'	Stenocarpus sinuatus - Firewheel Tree.....	705.91	
32 93 43 00-0127	EA	8'	Stenocarpus sinuatus - Firewheel Tree.....	941.22	
32 93 43 00-0128	EA	10'	Stenocarpus sinuatus - Firewheel Tree.....	1,176.52	
32 93 43 00-0129	EA	12'	Stenocarpus sinuatus - Firewheel Tree.....	1,411.82	
32 93 43 00-0130	EA	24"	Box Handroanthus impetiginosus (Tabebuia avellanadae) - Pink Trumpet Tree.....	325.85	
32 93 43 00-0131	EA	36"	Box Handroanthus impetiginosus (Tabebuia avellanadae) - Pink Trumpet Tree.....	943.25	
32 93 43 00-0132	EA	1-1/2"	Caliper Arbutus menziesii - Madrona.....	511.53	
32 93 43 00-0133	EA	2"	Caliper Arbutus menziesii - Madrona.....	664.99	
32 93 43 00-0134	EA	2-1/2"	Caliper Arbutus menziesii - Madrona.....	767.30	
32 93 43 00-0135	EA	3"	Caliper Arbutus menziesii - Madrona.....	869.60	
32 93 43 00-0136	EA	3-1/2"	Caliper Arbutus menziesii - Madrona.....	1,023.06	
32 93 43 00-0137	EA	1-1/2"	Caliper Koelreuteria bipinnata - Chinese Flame Tree.....	352.96	
32 93 43 00-0138	EA	2"	Caliper Koelreuteria bipinnata - Chinese Flame Tree.....	573.55	
32 93 43 00-0139	EA	2-1/2"	Caliper Koelreuteria bipinnata - Chinese Flame Tree.....	705.91	
32 93 43 00-0140	EA	3"	Caliper Koelreuteria bipinnata - Chinese Flame Tree.....	779.44	
32 93 43 00-0141	EA	24"	Box Koelreuteria bipinnata - Chinese Flame Tree.....	344.13	
32 93 43 00-0142	EA	30"	Box Koelreuteria bipinnata - Chinese Flame Tree.....	794.15	
32 93 43 00-0143	EA	36"	Box Koelreuteria bipinnata - Chinese Flame Tree.....	1,242.70	
32 93 43 00-0144	EA	1-1/2"	Cliber Koelreuteria paniculata - Golden Rain Tree.....	320.60	
32 93 43 00-0145	EA	2"	Cliber Koelreuteria paniculata - Golden Rain Tree.....	520.61	
32 93 43 00-0146	EA	2-1/2"	Cliber Koelreuteria paniculata - Golden Rain Tree.....	638.26	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0147	EA	3"	Ciiber Koelreuteria paniculata - Golden Rain Tree	720.62	
32 93 43 00-0148	EA	6'	Magnolia grandiflora - Southern Magnolia	217.66	
32 93 43 00-0149	EA	7'	Magnolia grandiflora - Southern Magnolia	329.43	
32 93 43 00-0150	EA	8'	Magnolia grandiflora - Southern Magnolia	461.78	
32 93 43 00-0151	EA	9'	Magnolia grandiflora - Southern Magnolia	614.73	
32 93 43 00-0152	EA	10'	Magnolia grandiflora - Southern Magnolia	935.33	
32 93 43 00-0153	EA	24"	Box Magnolia grandiflora - Southern Magnolia	382.37	
32 93 43 00-0154	EA	1-1/2"	Caliper Tipuana tipu - Tipu Tree	455.90	
32 93 43 00-0155	EA	2"	Caliper Tipuana tipu - Tipu Tree	594.14	
32 93 43 00-0156	EA	2-1/2"	Caliper Tipuana tipu - Tipu Tree	752.97	
32 93 43 00-0157	EA	3"	Caliper Tipuana tipu - Tipu Tree	867.68	
32 93 43 00-0158	EA	3-1/2"	Caliper Tipuana tipu - Tipu Tree	1,276.52	
32 93 43 00-0159	EA	4"	Caliper Tipuana tipu - Tipu Tree	1,705.95	
32 93 43 00-0160	EA	24"	Box Tipuana tipu - Tipu Tree	344.13	
32 93 43 00-0161	EA	6'	Albizia julibrissin - Silk Tree	705.91	
32 93 43 00-0162	EA	8'	Albizia julibrissin - Silk Tree	941.22	
32 93 43 00-0163	EA	10'	Albizia julibrissin - Silk Tree	1,176.52	
32 93 43 00-0164	EA	12'	Albizia julibrissin - Silk Tree	1,411.82	
32 93 43 00-0165	EA	6'	Brachychiton acerifolius - Flame Tree	705.91	
32 93 43 00-0166	EA	8'	Brachychiton acerifolius - Flame Tree	941.22	
32 93 43 00-0167	EA	10'	Brachychiton acerifolius - Flame Tree	1,176.52	
32 93 43 00-0168	EA	12'	Brachychiton acerifolius - Flame Tree	1,411.82	
32 93 43 00-0169	EA	1-1/2"	Caliper Chilopsis linearis - Desert Willow	570.61	
32 93 43 00-0170	EA	2"	Caliper Chilopsis linearis - Desert Willow	685.32	
32 93 43 00-0171	EA	2-1/2"	Caliper Chilopsis linearis - Desert Willow	729.44	
32 93 43 00-0172	EA	3"	Caliper Chilopsis linearis - Desert Willow	808.86	
32 93 43 00-0173	EA	5 Gallon	Chionanthus retusus - Chinese Fringe Tree	29.41	
32 93 43 00-0174	EA	15 Gallon	Chionanthus retusus - Chinese Fringe Tree	117.65	
32 93 43 00-0175	EA	24"	Box Chionanthus retusus - Chinese Fringe Tree	588.26	
32 93 43 00-0176	EA	5 Gallon	Calodendrum capense - Cape Chestnut	44.12	
32 93 43 00-0177	EA	15 Gallon	Calodendrum capense - Cape Chestnut	176.48	
32 93 43 00-0178	EA	24"	Box Calodendrum capense - Cape Chestnut	661.79	
32 93 43 00-0179	EA	6'	Chionanthus virginicus - White Fringe Tree	352.96	
32 93 43 00-0180	EA	8'	Chionanthus virginicus - White Fringe Tree	570.92	
32 93 43 00-0181	EA	10'	Chionanthus virginicus - White Fringe Tree	795.21	
32 93 43 00-0182	EA	15 Gallon	Geijera parvifolia - Australian Willow	244.68	
32 93 43 00-0183	EA	24"	Box Geijera parvifolia - Australian Willow	503.63	
32 93 43 00-0184	EA	30"	Box Geijera parvifolia - Australian Willow	937.94	
32 93 43 00-0185	EA	36"	Box Geijera parvifolia - Australian Willow	1,345.74	
32 93 43 00-0186	EA	1-1/2"	Caliper Ginko Biloba - Maidenhair Tree	725.88	
32 93 43 00-0187	EA	2"	Caliper Ginko Biloba - Maidenhair Tree	1,011.34	
32 93 43 00-0188	EA	2-1/2"	Caliper Ginko Biloba - Maidenhair Tree	1,219.32	
32 93 43 00-0189	EA	3"	Caliper Ginko Biloba - Maidenhair Tree	1,423.22	
32 93 43 00-0190	EA	3-1/2"	Caliper Ginko Biloba - Maidenhair Tree	1,863.65	
32 93 43 00-0191	EA	4"	Caliper Ginko Biloba - Maidenhair Tree	1,990.06	
32 93 43 00-0192	EA	4-1/2"	Caliper Ginko Biloba - Maidenhair Tree	2,120.56	
32 93 43 00-0193	EA	24"	Box Ginko Biloba - Maidenhair Tree	662.68	
32 93 43 00-0194	EA	15 Gallon	Sapium sebiferum - Chinese Tallow Tree	244.68	
32 93 43 00-0195	EA	24"	Box Sapium sebiferum - Chinese Tallow Tree	897.16	
32 93 43 00-0196	EA	4'	To 5' Lagerstroemia indica - Crape Myrtle	260.99	
32 93 43 00-0197	EA	6'	Lagerstroemia indica - Crape Myrtle	485.28	
32 93 43 00-0198	EA	8'	Lagerstroemia indica - Crape Myrtle	501.59	
32 93 43 00-0199	EA	10'	Lagerstroemia indica - Crape Myrtle	607.62	
32 93 43 00-0200	EA	24"	Box Lagerstroemia indica - Crape Myrtle	477.13	
32 93 43 00-0201	EA	5 Gallon	Celtis Sinensis - Chinese Hackberry	43.16	
32 93 43 00-0202	EA	15 Gallon	Celtis Sinensis - Chinese Hackberry	113.78	
32 93 43 00-0203	EA	24"	Box Celtis Sinensis - Chinese Hackberry	372.74	
32 93 43 00-0204	EA	36"	Box Celtis Sinensis - Chinese Hackberry	1,088.80	
32 93 43 00-0205	EA	5 Gallon	Crataegus phaenopyrum - Washington Hawthorn	43.16	
32 93 43 00-0206	EA	15 Gallon	Crataegus phaenopyrum - Washington Hawthorn	113.78	
32 93 43 00-0207	EA	24"	Box Crataegus phaenopyrum - Washington Hawthorn	372.74	
32 93 43 00-0208	EA	36"	Box Crataegus phaenopyrum - Washington Hawthorn	1,088.80	
32 93 43 00-0209	EA	1 Gallon	Eucalyptus ficifolia - Red-Flowering Gum	12.75	
32 93 43 00-0210	EA	5 Gallon	Eucalyptus ficifolia - Red-Flowering Gum	35.31	
32 93 43 00-0211	EA	15 Gallon	Eucalyptus ficifolia - Red-Flowering Gum	154.98	
32 93 43 00-0212	EA	24"	Box Eucalyptus ficifolia - Red-Flowering Gum	372.74	
32 93 43 00-0213	EA	36"	Box Eucalyptus ficifolia - Red-Flowering Gum	980.90	
32 93 43 00-0214	EA	15 Gallon	Fraxinus velutina 'Raywood' - Fan-Tex Ash	96.13	
32 93 43 00-0215	EA	24"	Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	313.89	
32 93 43 00-0216	EA	36"	Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	833.76	
32 93 43 00-0217	EA	48"	Box Fraxinus velutina 'Raywood' - Fan-Tex Ash	1,863.71	
32 93 43 00-0218	EA	5 Gallon	Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	27.47	
32 93 43 00-0219	EA	15 Gallon	Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	96.13	
32 93 43 00-0220	EA	24"	Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	313.89	
32 93 43 00-0221	EA	36"	Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	833.76	
32 93 43 00-0222	EA	48"	Box Gleditsia triacanthos 'Shademaster' - Shademaster Honey Locust	1,863.71	
32 93 43 00-0223	EA	5 Gallon	Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	27.47	
32 93 43 00-0224	EA	15 Gallon	Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	115.75	
32 93 43 00-0225	EA	24"	Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	313.89	
32 93 43 00-0226	EA	36"	Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	882.81	
32 93 43 00-0227	EA	48"	Box Liquidambar styraciflua 'Burgundy' - Burgundy Sweetgum	2,256.07	
32 93 43 00-0228	EA	5 Gallon	Liquidambar styraciflua 'Festival' - Festival Sweetgum	27.47	
32 93 43 00-0229	EA	15 Gallon	Liquidambar styraciflua 'Festival' - Festival Sweetgum	115.75	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

32 93 43 00-0230	EA	24" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	313.89
32 93 43 00-0231	EA	36" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	882.81
32 93 43 00-0232	EA	48" Box Liquidambar styraciflua 'Festival' - Festival Sweetgum.....	2,256.07
32 93 43 00-0233	EA	5 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	27.47
32 93 43 00-0234	EA	15 Gallon Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	115.75
32 93 43 00-0235	EA	24" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	313.89
32 93 43 00-0236	EA	36" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	882.81
32 93 43 00-0237	EA	48" Box Liquidambar styraciflua 'Palo Alto' - Palo Alto Sweetgum.....	2,256.07
32 93 43 00-0238	EA	1 Gallon Pittosporum undulatum - Victorian Box	11.15
32 93 43 00-0239	EA	5 Gallon Pittosporum undulatum - Victorian Box	24.01
32 93 43 00-0240	EA	15 Gallon Pittosporum undulatum - Victorian Box	135.48
32 93 43 00-0241	EA	24" Box Pittosporum undulatum - Victorian Box	325.85
32 93 43 00-0242	EA	36" Box Pittosporum undulatum - Victorian Box	943.25
32 93 43 00-0243	EA	48" Box Pittosporum undulatum - Victorian Box	2,143.75
32 93 43 00-0244	EA	15 Gallon Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum.....	97.99
32 93 43 00-0245	EA	24" Box Prunus cerasifera 'Thundercloud' - Thundercloud Purple Leaf Plum.....	353.03

32 93 43 00-0246**Deciduous Shade Trees (32 93 43)**

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0247	EA	3-1/2" To 4" Caliper Acer palmatum - Bloodgood Japanese Maple.....	216.65
32 93 43 00-0248	EA	4" To 4-1/2" Caliper Acer palmatum - Bloodgood Japanese Maple.....	265.57
32 93 43 00-0249	EA	4-1/2" To 5" Caliper Acer palmatum - Bloodgood Japanese Maple.....	345.95
32 93 43 00-0250	EA	5" To 6" Caliper Acer palmatum - Bloodgood Japanese Maple.....	448.45
32 93 43 00-0251	EA	2' To 2-1/2' Acer palmatum - Japanese Maple.....	22.85
32 93 43 00-0252	EA	4' To 5' Acer palmatum - Japanese Maple.....	47.99
32 93 43 00-0253	EA	5' To 6' Acer palmatum - Japanese Maple.....	62.84
32 93 43 00-0254	EA	6' To 7' Acer palmatum - Japanese Maple.....	114.26
32 93 43 00-0255	EA	7' To 8' Acer palmatum - Japanese Maple.....	159.96
32 93 43 00-0256	EA	8' To 10' Acer palmatum - Japanese Maple.....	205.66
32 93 43 00-0257	EA	10' To 12' Acer palmatum - Japanese Maple.....	274.22
32 93 43 00-0258	EA	2" Caliper Acer platanoides & cvs - Norway Maple.....	116.48
32 93 43 00-0259	EA	2" Caliper Acer platanoides & cvs - Norway Maple.....	141.80
32 93 43 00-0260	EA	3" Caliper Acer platanoides & cvs - Norway Maple.....	182.32
32 93 43 00-0261	EA	3-1/2" Caliper Acer platanoides & cvs - Norway Maple.....	212.70
32 93 43 00-0262	EA	4" Caliper Acer platanoides & cvs - Norway Maple.....	227.90
32 93 43 00-0263	EA	4-1/2" Caliper Acer platanoides & cvs - Norway Maple.....	248.15
32 93 43 00-0264	EA	5" Caliper Acer platanoides & cvs - Norway Maple.....	278.54
32 93 43 00-0265	EA	2" Caliper Acer rubrum & cvs - Red Maple.....	111.42
32 93 43 00-0266	EA	2-1/2" Caliper Acer rubrum & cvs - Red Maple.....	141.80
32 93 43 00-0267	EA	3" Caliper Acer rubrum & cvs - Red Maple.....	182.32
32 93 43 00-0268	EA	3-1/2" Caliper Acer rubrum & cvs - Red Maple.....	222.83
32 93 43 00-0269	EA	4" Caliper Acer rubrum & cvs - Red Maple.....	253.22
32 93 43 00-0270	EA	4-1/2" Caliper Acer rubrum & cvs - Red Maple.....	293.73
32 93 43 00-0271	EA	5" Caliper Acer rubrum & cvs - Red Maple.....	329.18
32 93 43 00-0272	EA	8' Clump Form Acer rubrum & cvs - Red Maple.....	136.74
32 93 43 00-0273	EA	10' Clump Form Acer rubrum & cvs - Red Maple.....	182.32
32 93 43 00-0274	EA	12' Clump Form Acer rubrum & cvs - Red Maple.....	212.70
32 93 43 00-0275	EA	14' Clump Form Acer rubrum & cvs - Red Maple.....	243.09
32 93 43 00-0276	EA	16' Clump Form Acer rubrum & cvs - Red Maple.....	273.47
32 93 43 00-0277	EA	18' Clump Form Acer rubrum & cvs - Red Maple.....	303.86
32 93 43 00-0278	EA	2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	177.25
32 93 43 00-0279	EA	2-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	197.51
32 93 43 00-0280	EA	3" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	222.83
32 93 43 00-0281	EA	3-1/2" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	253.22
32 93 43 00-0282	EA	4" Caliper Aesculus hippocastanum & cvs - Common Horsechestnut.....	303.86
32 93 43 00-0283	EA	2" Caliper Betula nigra - River Birch.....	126.61
32 93 43 00-0284	EA	2-1/2" Caliper Betula nigra - River Birch.....	143.37
32 93 43 00-0285	EA	3" Caliper Betula nigra - River Birch.....	162.06
32 93 43 00-0286	EA	3-1/2" Caliper Betula nigra - River Birch.....	202.57
32 93 43 00-0287	EA	4" Caliper Betula nigra - River Birch.....	227.90
32 93 43 00-0288	EA	4-1/2" Caliper Betula nigra - River Birch.....	253.22
32 93 43 00-0289	EA	5" Caliper Betula nigra - River Birch.....	278.54
32 93 43 00-0290	EA	8' Clump Form Betula nigra - River Birch.....	116.48
32 93 43 00-0291	EA	10' Clump Form Betula nigra - River Birch.....	131.67
32 93 43 00-0292	EA	12' Clump Form Betula nigra - River Birch.....	151.93
32 93 43 00-0293	EA	14' Clump Form Betula nigra - River Birch.....	177.25
32 93 43 00-0294	EA	16' Clump Form Betula nigra - River Birch.....	202.57
32 93 43 00-0295	EA	12' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	151.93
32 93 43 00-0296	EA	14' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	182.32
32 93 43 00-0297	EA	16' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	212.70
32 93 43 00-0298	EA	18' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	253.22
32 93 43 00-0299	EA	20' Clump Form Betula platyphylla japonica & cvs - Asian White Birch.....	263.35
32 93 43 00-0300	EA	2" Caliper Carpinus betulus & cvs - European Hornbeam.....	202.57
32 93 43 00-0301	EA	2-1/2" Caliper Carpinus betulus & cvs - European Hornbeam.....	227.90
32 93 43 00-0302	EA	3" Caliper Carpinus betulus & cvs - European Hornbeam.....	263.35
32 93 43 00-0303	EA	3-1/2" Caliper Carpinus betulus & cvs - European Hornbeam.....	319.05
32 93 43 00-0304	EA	6' Clump Form Carpinus betulus & cvs - European Hornbeam.....	91.16
32 93 43 00-0305	EA	7' Clump Form Carpinus betulus & cvs - European Hornbeam.....	126.61
32 93 43 00-0306	EA	8' Clump Form Carpinus betulus & cvs - European Hornbeam.....	156.99
32 93 43 00-0307	EA	2" Caliper Catalpa speciosa - Western Catalpa.....	111.42
32 93 43 00-0308	EA	2-1/2" Caliper Catalpa speciosa - Western Catalpa.....	151.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0309 EA 3" Caliper Catalpa speciosa - Western Catalpa.....	197.51	
32 93 43 00-0310 EA 3-1/2" Caliper Catalpa speciosa - Western Catalpa.....	238.02	
32 93 43 00-0311 EA 4" Caliper Catalpa speciosa - Western Catalpa.....	273.47	
32 93 43 00-0312 EA 8' Clump Form Corylus cornuta californica - Western Filbert.....	141.80	
32 93 43 00-0313 EA 10' Clump Form Corylus cornuta californica - Western Filbert.....	172.19	
32 93 43 00-0314 EA 12' Clump Form Corylus cornuta californica - Western Filbert.....	202.57	
32 93 43 00-0315 EA 1-1/2" Caliper Diospyros - Persimmon.....	91.16	
32 93 43 00-0316 EA 2" Caliper Diospyros - Persimmon.....	111.42	
32 93 43 00-0317 EA 2-1/2" Caliper Diospyros - Persimmon.....	141.80	
32 93 43 00-0318 EA 3" Caliper Diospyros - Persimmon.....	177.25	
32 93 43 00-0319 EA 3-1/2" Caliper Diospyros - Persimmon.....	212.70	
32 93 43 00-0320 EA 2" Caliper Fagus sylvatica & cvs - European Beech.....	227.90	
32 93 43 00-0321 EA 2-1/2" Caliper Fagus sylvatica & cvs - European Beech.....	273.47	
32 93 43 00-0322 EA 3" Caliper Fagus sylvatica & cvs - European Beech.....	329.18	
32 93 43 00-0323 EA 3-1/2" Caliper Fagus sylvatica & cvs - European Beech.....	364.63	
32 93 43 00-0324 EA 4" Caliper Fagus sylvatica & cvs - European Beech.....	430.47	
32 93 43 00-0325 EA 4-1/2" Caliper Fagus sylvatica & cvs - European Beech.....	557.08	
32 93 43 00-0326 EA 5" Caliper Fagus sylvatica & cvs - European Beech.....	658.37	
32 93 43 00-0327 EA 2" Caliper Fraxinus americana & cvs - White Ash.....	126.61	
32 93 43 00-0328 EA 2-1/2" Caliper Fraxinus americana & cvs - White Ash.....	151.93	
32 93 43 00-0329 EA 3" Caliper Fraxinus americana & cvs - White Ash.....	192.45	
32 93 43 00-0330 EA 3-1/2" Caliper Fraxinus americana & cvs - White Ash.....	232.96	
32 93 43 00-0331 EA 4" Caliper Fraxinus americana & cvs - White Ash.....	273.47	
32 93 43 00-0332 EA 4-1/2" Caliper Fraxinus americana & cvs - White Ash.....	303.86	
32 93 43 00-0333 EA 5" Caliper Fraxinus americana & cvs - White Ash.....	354.50	
32 93 43 00-0334 EA 1-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	177.25	
32 93 43 00-0335 EA 2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	197.51	
32 93 43 00-0336 EA 2-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	222.83	
32 93 43 00-0337 EA 3" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	248.15	
32 93 43 00-0338 EA 3-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	278.54	
32 93 43 00-0339 EA 4" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	303.86	
32 93 43 00-0340 EA 4-1/2" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	455.79	
32 93 43 00-0341 EA 5" Caliper Ginkgo biloba & cvs - Ginkgo (Maidenhair Tree).....	506.43	
32 93 43 00-0342 EA 2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	121.54	
32 93 43 00-0343 EA 2-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	151.93	
32 93 43 00-0344 EA 3" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	182.32	
32 93 43 00-0345 EA 3-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	212.70	
32 93 43 00-0346 EA 4" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	243.09	
32 93 43 00-0347 EA 4-1/2" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	273.47	
32 93 43 00-0348 EA 5" Caliper Gleditsia triacanthos inermis & cvs - Thornless Common Honeylocust.....	324.12	
32 93 43 00-0349 EA 10' - 12' Bursera Simaruba - Gumbo Limbo.....	64.06	
32 93 43 00-0350 EA 12' - 14' Bursera Simaruba - Gumbo Limbo.....	75.71	
32 93 43 00-0351 EA 14' - 16' Bursera Simaruba - Gumbo Limbo.....	104.83	
32 93 43 00-0352 EA 17' - 18' Bursera Simaruba - Gumbo Limbo.....	136.28	
32 93 43 00-0353 EA 19' - 20' Bursera Simaruba - Gumbo Limbo.....	151.42	
32 93 43 00-0354 EA 21' - 22' Bursera Simaruba - Gumbo Limbo.....	179.38	
32 93 43 00-0355 EA 1-1/2" Caliper Juglans californica - California Walnut.....	121.54	
32 93 43 00-0356 EA 2" Caliper Juglans californica - California Walnut.....	141.80	
32 93 43 00-0357 EA 2-1/2" Caliper Juglans californica - California Walnut.....	177.25	
32 93 43 00-0358 EA 3" Caliper Juglans californica - California Walnut.....	222.83	
32 93 43 00-0359 EA 3-1/2" Caliper Juglans californica - California Walnut.....	273.47	
32 93 43 00-0360 EA 4" Caliper Juglans californica - California Walnut.....	329.18	
32 93 43 00-0361 EA 4-1/2" Caliper Juglans californica - California Walnut.....	379.83	
32 93 43 00-0362 EA 5" Caliper Juglans californica - California Walnut.....	430.47	
32 93 43 00-0363 EA 5 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	13.71	
32 93 43 00-0364 EA 15 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	34.28	
32 93 43 00-0365 EA 20 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	68.55	
32 93 43 00-0366 EA 55 Gallon Koelreuteria Paniculata - Goldenrain Tree.....	89.12	
32 93 43 00-0367 EA 1-1/2" To 2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	65.13	
32 93 43 00-0368 EA 2" To 2-1/2" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	78.84	
32 93 43 00-0369 EA 2-1/2" To 3" Caliper Koelreuteria Paniculata - Goldenrain Tree.....	109.69	
32 93 43 00-0370 EA 1-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	162.06	
32 93 43 00-0371 EA 2" Caliper Liquidambar styraciflua - American Sweetgum.....	202.57	
32 93 43 00-0372 EA 2-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	253.22	
32 93 43 00-0373 EA 3" Caliper Liquidambar styraciflua - American Sweetgum.....	303.86	
32 93 43 00-0374 EA 3-1/2" Caliper Liquidambar styraciflua - American Sweetgum.....	354.50	
32 93 43 00-0375 EA 1-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	162.06	
32 93 43 00-0376 EA 2" Caliper Liriodendron tulipifera - Tulip Tree.....	222.83	
32 93 43 00-0377 EA 2-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	263.35	
32 93 43 00-0378 EA 3" Caliper Liriodendron tulipifera - Tulip Tree.....	303.86	
32 93 43 00-0379 EA 3-1/2" Caliper Liriodendron tulipifera - Tulip Tree.....	344.38	
32 93 43 00-0380 EA 8' Clump Form Liriodendron tulipifera - Tulip Tree.....	121.54	
32 93 43 00-0381 EA 10' Clump Form Liriodendron tulipifera - Tulip Tree.....	217.77	
32 93 43 00-0382 EA 12' Clump Form Liriodendron tulipifera - Tulip Tree.....	263.35	
32 93 43 00-0383 EA 1-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	162.06	
32 93 43 00-0384 EA 2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	202.57	
32 93 43 00-0385 EA 2-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	253.22	
32 93 43 00-0386 EA 3" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	303.86	
32 93 43 00-0387 EA 3-1/2" Caliper Nyssa sylvatica - Black Tupelo Sour Gum.....	354.50	
32 93 43 00-0388 EA 4' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	70.90	
32 93 43 00-0389 EA 5' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	81.03	
32 93 43 00-0390 EA 6' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	96.22	
32 93 43 00-0391 EA 7' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	121.54	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0392	EA		8' Clump Form Nyssa sylvatica - Black Tupelo Sour Gum.....	151.93	
32 93 43 00-0393	EA		30" Box Platanus Occidentalis - Buttonwood Sycamore.....	220.02	
32 93 43 00-0394	EA		36" Box Platanus Occidentalis - Buttonwood Sycamore.....	320.03	
32 93 43 00-0395	EA		42" Box Platanus occidentalis - Buttonwood Sycamore.....	476.07	
32 93 43 00-0396	EA		1-1/2" To 2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	73.62	
32 93 43 00-0397	EA		2" To 2-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	88.01	
32 93 43 00-0398	EA		2-1/2" To 3" Caliper Platanus occidentalis - Buttonwood Sycamore.....	120.01	
32 93 43 00-0399	EA		3" To 3-1/2" Caliper Platanus occidentalis - Buttonwood Sycamore.....	145.64	
32 93 43 00-0400	EA		8' To 10' Platanus occidentalis - Green Or Silver Buttonwood.....	60.57	
32 93 43 00-0401	EA		10' To 12' Platanus occidentalis - Green Or Silver Buttonwood.....	75.71	
32 93 43 00-0402	EA		12' To 14' Platanus occidentalis - Green Or Silver Buttonwood.....	133.95	
32 93 43 00-0403	EA		16' To 18' Platanus occidentalis - Green Or Silver Buttonwood.....	192.19	
32 93 43 00-0404	EA		2" Caliper Platanus x acerifolia & cvs - London Planetree.....	121.54	
32 93 43 00-0405	EA		2-1/2" Caliper Platanus x acerifolia & cvs - London Planetree.....	146.87	
32 93 43 00-0406	EA		3" Caliper Platanus x acerifolia & cvs - London Planetree.....	177.25	
32 93 43 00-0407	EA		3-1/2" Caliper Platanus x acerifolia & cvs - London Planetree.....	212.70	
32 93 43 00-0408	EA		4" Caliper Platanus x acerifolia & cvs - London Planetree.....	253.22	
32 93 43 00-0409	EA		2" Caliper Populus alba & cvs - White Poplar.....	121.54	
32 93 43 00-0410	EA		2-1/2" Caliper Populus alba & cvs - White Poplar.....	141.80	
32 93 43 00-0411	EA		3" Caliper Populus alba & cvs - White Poplar.....	162.06	
32 93 43 00-0412	EA		3-1/2" Caliper Populus alba & cvs - White Poplar.....	192.45	
32 93 43 00-0413	EA		4" Caliper Populus alba & cvs - White Poplar.....	212.70	
32 93 43 00-0414	EA		4-1/2" Caliper Populus alba & cvs - White Poplar.....	243.09	
32 93 43 00-0415	EA		2" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	111.42	
32 93 43 00-0416	EA		2-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	146.87	
32 93 43 00-0417	EA		3" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	177.25	
32 93 43 00-0418	EA		3-1/2" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	212.70	
32 93 43 00-0419	EA		4" Caliper Populus deltoides & cvs - Eastern Cottonwood.....	253.22	
32 93 43 00-0420	EA		2" Caliper Quercus palustris - Pin Oak.....	111.42	
32 93 43 00-0421	EA		2-1/2" Caliper Quercus palustris - Pin Oak.....	151.93	
32 93 43 00-0422	EA		3" Caliper Quercus palustris - Pin Oak.....	197.51	
32 93 43 00-0423	EA		3-1/2" Caliper Quercus palustris - Pin Oak.....	227.90	
32 93 43 00-0424	EA		4" Caliper Quercus palustris - Pin Oak.....	263.35	
32 93 43 00-0425	EA		4-1/2" Caliper Quercus palustris - Pin Oak.....	298.80	
32 93 43 00-0426	EA		5" Caliper Quercus palustris - Pin Oak.....	329.18	
32 93 43 00-0427	EA		2" Caliper Quercus shumardii - Shumard Oak.....	172.19	
32 93 43 00-0428	EA		2-1/2" Caliper Quercus shumardii - Shumard Oak.....	217.77	
32 93 43 00-0429	EA		3" Caliper Quercus shumardii - Shumard Oak.....	253.22	
32 93 43 00-0430	EA		3-1/2" Caliper Quercus shumardii - Shumard Oak.....	303.86	
32 93 43 00-0431	EA		4" Caliper Quercus shumardii - Shumard Oak.....	354.50	
32 93 43 00-0432	EA		4-1/2" Caliper Quercus shumardii - Shumard Oak.....	405.15	
32 93 43 00-0433	EA		5" Caliper Quercus shumardii - Shumard Oak.....	455.79	
32 93 43 00-0434	EA		24" Box Salix babylonica - Weeping Willow.....	128.01	
32 93 43 00-0435	EA		36" Box Salix babylonica - Weeping Willow.....	320.03	
32 93 43 00-0436	EA		1-1/2" To 2" Caliper Salix babylonica - Weeping Willow.....	73.62	
32 93 43 00-0437	EA		2" To 2-1/2" Caliper Salix babylonica - Weeping Willow.....	88.01	
32 93 43 00-0438	EA		2-1/2" To 3" Caliper Salix babylonica - Weeping Willow.....	96.01	
32 93 43 00-0439	EA		2' Thuja occidentalis - American Arborvitae.....	17.36	
32 93 43 00-0440	EA		2-1/2' Thuja occidentalis - American Arborvitae.....	18.75	
32 93 43 00-0441	EA		3' Thuja occidentalis - American Arborvitae.....	26.79	
32 93 43 00-0442	EA		4' Thuja occidentalis - American Arborvitae.....	36.81	
32 93 43 00-0443	EA		5' Thuja occidentalis - American Arborvitae.....	51.25	
32 93 43 00-0444	EA		6' Thuja occidentalis - American Arborvitae.....	71.05	
32 93 43 00-0445	EA		7' Thuja occidentalis - American Arborvitae.....	86.20	
32 93 43 00-0446	EA		8' Thuja occidentalis - American Arborvitae.....	121.14	
32 93 43 00-0447	EA		2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	127.37	
32 93 43 00-0448	EA		2-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	153.85	
32 93 43 00-0449	EA		3" Caliper Tilia cordata & cvs - Littleleaf Linden.....	177.25	
32 93 43 00-0450	EA		3-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	217.77	
32 93 43 00-0451	EA		4" Caliper Tilia cordata & cvs - Littleleaf Linden.....	248.15	
32 93 43 00-0452	EA		4-1/2" Caliper Tilia cordata & cvs - Littleleaf Linden.....	278.54	
32 93 43 00-0453	EA		5" Caliper Tilia cordata & cvs - Littleleaf Linden.....	308.93	
32 93 43 00-0454	EA		2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	141.80	
32 93 43 00-0455	EA		2-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	162.06	
32 93 43 00-0456	EA		3" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	177.25	
32 93 43 00-0457	EA		3-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	192.45	
32 93 43 00-0458	EA		4" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	212.70	
32 93 43 00-0459	EA		4-1/2" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	253.22	
32 93 43 00-0460	EA		5" Caliper Ulmus x 'Homestead' - Homestead Hybrid Elm.....	298.80	
32 93 43 00-0461	EA		2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	162.06	
32 93 43 00-0462	EA		2-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	177.25	
32 93 43 00-0463	EA		3" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	192.45	
32 93 43 00-0464	EA		3-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	212.70	
32 93 43 00-0465	EA		4" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	253.22	
32 93 43 00-0466	EA		4-1/2" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	298.80	
32 93 43 00-0467	EA		5" Caliper Ulmus x 'Pioneer' - Pioneer Hybrid Elm.....	344.38	
32 93 43 00-0468	EA		2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	162.06	
32 93 43 00-0469	EA		2-1/2" Mary-Louise Parker Ulmus x 'Regal' - Regal Hybrid Elm.....	177.25	
32 93 43 00-0470	EA		3" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	192.45	
32 93 43 00-0471	EA		3-1/2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	212.70	
32 93 43 00-0472	EA		4" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	253.22	
32 93 43 00-0473	EA		4-1/2" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	298.80	
32 93 43 00-0474	EA		5" Caliper Ulmus x 'Regal' - Regal Hybrid Elm.....	344.38	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0475	EA	1-1/2" To 2"	Caliper Platanus acerifolia "Bloodgold" - London Plane.....	379.25	
32 93 43 00-0476	EA	2" To 2-1/2"	Caliper Platanus acerifolia "Bloodgold" - London Plane.....	676.95	
32 93 43 00-0477	EA	2-1/2" To 3"	Caliper Platanus acerifolia "Bloodgold" - London Plane.....	990.95	
32 93 43 00-0478	EA	3" To 3-1/2"	Caliper Platanus acerifolia "Bloodgold" - London Plane.....	1,231.56	
32 93 43 00-0479	EA	3-1/2" To 4"	Caliper Platanus acerifolia "Bloodgold" - London Plane.....	1,594.50	
32 93 43 00-0480	EA	4" To 5"	Caliper Platanus acerifolia "Bloodgold" - London Plane.....	1,814.71	
32 93 43 00-0481	EA	24"	Box Platanus acerifolia "Bloodgold" - London Plane.....	477.13	
32 93 43 00-0482	EA	1-1/2"	Caliper Quercus suber - Cork Oak.....	570.92	
32 93 43 00-0483	EA	2"	Caliper Quercus suber - Cork Oak.....	791.13	
32 93 43 00-0484	EA	2-1/2"	Caliper Quercus suber - Cork Oak.....	1,011.34	
32 93 43 00-0485	EA	3"	Caliper Quercus suber - Cork Oak.....	1,264.18	
32 93 43 00-0486	EA	3-1/2"	Caliper Quercus suber - Cork Oak.....	1,896.27	
32 93 43 00-0487	EA	4"	Caliper Quercus suber - Cork Oak.....	2,446.80	
32 93 43 00-0488	EA	4-1/2"	Caliper Quercus suber - Cork Oak.....	3,180.84	
32 93 43 00-0489	EA	1-1/2"	Caliper Quercus ilex - Holly Oak.....	632.09	
32 93 43 00-0490	EA	2"	Caliper Quercus ilex - Holly Oak.....	852.30	
32 93 43 00-0491	EA	2-1/2"	Caliper Quercus ilex - Holly Oak.....	1,043.97	
32 93 43 00-0492	EA	3"	Caliper Quercus ilex - Holly Oak.....	1,264.18	
32 93 43 00-0493	EA	3-1/2"	Caliper Quercus ilex - Holly Oak.....	1,896.27	
32 93 43 00-0494	EA	4"	Caliper Quercus ilex - Holly Oak.....	2,446.80	

32 93 43 00-0495

Evergreen Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0496	EA	2'	To 3'	Cedrus atlantica - Blue Atlas Cedar.....	22.30
32 93 43 00-0497	EA	3'	To 4'	Cedrus atlantica - Blue Atlas Cedar.....	35.85
32 93 43 00-0498	EA	4'	To 5'	Cedrus atlantica - Blue Atlas Cedar.....	53.27
32 93 43 00-0499	EA	5'	To 6'	Cedrus atlantica - Blue Atlas Cedar.....	71.66
32 93 43 00-0500	EA	7'	To 8'	Cedrus atlantica - Blue Atlas Cedar.....	101.74
32 93 43 00-0501	EA	6'	To 8'	Cedrus deodara - Indian Cedar.....	92.06
32 93 43 00-0502	EA	8'	To 10'	Cedrus deodara - Indian Cedar.....	106.59
32 93 43 00-0503	EA	10'	To 12'	Cedrus deodara - Indian Cedar.....	145.33
32 93 43 00-0504	EA	12'	To 14'	Cedrus deodara - Indian Cedar.....	188.91
32 93 43 00-0505	EA	14'	To 16'	Cedrus deodara - Indian Cedar.....	242.22
32 93 43 00-0506	EA	15"	To 18"	Chamaecyparis obtusa - Compact Hinoki Cypress.....	28.78
32 93 43 00-0507	EA	18"	To 24"	Chamaecyparis obtusa - Compact Hinoki Cypress.....	43.17
32 93 43 00-0508	EA	2'	To 3'	Chamaecyparis obtusa - Compact Hinoki Cypress.....	67.14
32 93 43 00-0509	EA	3'	To 4'	Chamaecyparis obtusa - Compact Hinoki Cypress.....	115.11
32 93 43 00-0510	EA	5	Gallon	Cupressocyparis leylandii - Leyland Cypress.....	15.83
32 93 43 00-0511	EA	15	Gallon	Cupressocyparis leylandii - Leyland Cypress.....	63.33
32 93 43 00-0512	EA	4'	To 5'	Cupressocyparis leylandii - Leyland Cypress.....	27.71
32 93 43 00-0513	EA	5'	To 6'	Cupressocyparis leylandii - Leyland Cypress.....	35.62
32 93 43 00-0514	EA	6'	To 7'	Cupressocyparis leylandii - Leyland Cypress.....	55.41
32 93 43 00-0515	EA	24"	Box	Cupressocyparis leylandii - Leyland Cypress.....	134.57
32 93 43 00-0516	EA	1	Gallon	Cupressus macrocarpa - Monterey Cypress.....	2.89
32 93 43 00-0517	EA	5	Gallon	Cupressus macrocarpa - Monterey Cypress.....	12.99
32 93 43 00-0518	EA	15	Gallon	Cupressus macrocarpa - Monterey Cypress.....	43.30
32 93 43 00-0519	EA	5	Gallon	Cupressus sempervirens - Italian Cypress.....	14.90
32 93 43 00-0520	EA	15	Gallon	Cupressus sempervirens - Italian Cypress.....	40.98
32 93 43 00-0521	EA	1	Gallon	Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	4.38
32 93 43 00-0522	EA	2	Gallon	Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	8.57
32 93 43 00-0523	EA	3	Gallon	Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	10.62
32 93 43 00-0524	EA	5	Gallon	Juniperus horizontalis "Bar Harbor" - Bar Harbor Juniper.....	12.48
32 93 43 00-0525	EA	1	Gallon	Juniperus - Blue Sargent Juniper.....	4.38
32 93 43 00-0526	EA	2	Gallon	Juniperus - Blue Sargent Juniper.....	8.57
32 93 43 00-0527	EA	3	Gallon	Juniperus - Blue Sargent Juniper.....	10.62
32 93 43 00-0528	EA	5	Gallon	Juniperus - Blue Sargent Juniper.....	12.48
32 93 43 00-0529	EA	5	Gallon	Juniperus - Compact Pfitzer Juniper.....	12.48
32 93 43 00-0530	EA	15"	To 18"	Juniperus - Compact Pfitzer Juniper.....	13.50
32 93 43 00-0531	EA	18"	To 24"	Juniperus - Compact Pfitzer Juniper.....	16.30
32 93 43 00-0532	EA	2'	To 2 1/2'	Juniperus - Compact Pfitzer Juniper.....	24.21
32 93 43 00-0533	EA	2-1/2'	To 3'	Juniperus - Compact Pfitzer Juniper.....	28.03
32 93 43 00-0534	EA	5'	To 6'	Juniperus - Fairview Juniper.....	41.75
32 93 43 00-0535	EA	1	Gallon	Juniperus - Hollywood Juniper.....	5.59
32 93 43 00-0536	EA	5	Gallon	Juniperus - Hollywood Juniper.....	15.55
32 93 43 00-0537	EA	15	Gallon	Juniperus - Hollywood Juniper.....	65.93
32 93 43 00-0538	EA	4'	To 5'	Juniperus - Hollywood Juniper.....	43.58
32 93 43 00-0539	EA	5'	To 6'	Juniperus - Hollywood Juniper.....	56.16
32 93 43 00-0540	EA	1	Gallon	Juniperus - Parson's Juniper.....	4.38
32 93 43 00-0541	EA	2	Gallon	Juniperus - Parson's Juniper.....	8.66
32 93 43 00-0542	EA	3	Gallon	Juniperus - Parson's Juniper.....	10.71
32 93 43 00-0543	EA	5	Gallon	Juniperus - Parson's Juniper.....	12.67
32 93 43 00-0544	EA	5	Gallon	Juniperus - Skyrocket Juniper.....	15.65
32 93 43 00-0545	EA	15	Gallon	Juniperus - Skyrocket Juniper.....	66.59
32 93 43 00-0546	EA	2'	To 3'	Juniperus - Skyrocket Juniper.....	23.47
32 93 43 00-0547	EA	3'	To 4'	Juniperus - Skyrocket Juniper.....	33.25
32 93 43 00-0548	EA	4'	To 5'	Juniperus - Skyrocket Juniper.....	44.05
32 93 43 00-0549	EA	5'	To 6'	Juniperus - Skyrocket Juniper.....	56.81
32 93 43 00-0550	EA	6'	To 8'	Juniperus - Skyrocket Juniper.....	73.38
32 93 43 00-0551	EA	1	Gallon	Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	4.38
32 93 43 00-0552	EA	2	Gallon	Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	8.62
32 93 43 00-0553	EA	3	Gallon	Juniperus horizontalis "Wiltonii" - Blue Rug Juniper.....	10.57

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0554	EA		5 Gallon Juniperus horizontalis "Wiltonii" - Blue Rug Juniper	12.53	
32 93 43 00-0555	EA		1 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	4.38	
32 93 43 00-0556	EA		2 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	8.62	
32 93 43 00-0557	EA		3 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	10.57	
32 93 43 00-0558	EA		5 Gallon Juniperus horizontalis "Plumosa" - Compact Andorra Juniper.....	12.53	
32 93 43 00-0559	EA		3' Pinus sylvestris - Scotch Pine	40.68	
32 93 43 00-0560	EA		4' Pinus sylvestris - Scotch Pine	56.47	
32 93 43 00-0561	EA		5' Pinus sylvestris - Scotch Pine	79.25	
32 93 43 00-0562	EA		6' Pinus sylvestris - Scotch Pine	109.97	
32 93 43 00-0563	EA		7' Pinus sylvestris - Scotch Pine	134.73	
32 93 43 00-0564	EA		8' Pinus sylvestris - Scotch Pine	190.21	
32 93 43 00-0565	EA		9' Pinus sylvestris - Scotch Pine	241.48	
32 93 43 00-0566	EA		10' Pinus sylvestris - Scotch Pine	278.63	
32 93 43 00-0567	EA		12' Pinus sylvestris - Scotch Pine	328.16	
32 93 43 00-0568	EA		14' Pinus sylvestris - Scotch Pine	371.50	
32 93 43 00-0569	EA		16' Pinus sylvestris - Scotch Pine	433.42	
32 93 43 00-0570	EA		1 Gallon Pinus thunbergiana - Japanese Black Pine	4.38	
32 93 43 00-0571	EA		5 Gallon Pinus thunbergiana - Japanese Black Pine	15.55	
32 93 43 00-0572	EA		15 Gallon Pinus thunbergiana - Japanese Black Pine	50.38	
32 93 43 00-0573	EA		2' To 3' Pinus thunbergiana - Japanese Black Pine.....	21.33	
32 93 43 00-0574	EA		3' To 4' Pinus thunbergiana - Japanese Black Pine.....	27.10	
32 93 43 00-0575	EA		4' To 5' Pinus thunbergiana - Japanese Black Pine.....	40.70	
32 93 43 00-0576	EA		5' To 6' Pinus thunbergiana - Japanese Black Pine.....	79.44	
32 93 43 00-0577	EA		6' To 7' Pinus Thunbergiana - Japanese Black Pine.....	89.12	
32 93 43 00-0578	EA		7' To 8' Pinus thunbergiana - Japanese Black Pine.....	111.38	
32 93 43 00-0579	EA		6' Pinus flexilis & cvs - Limber Pine	154.79	
32 93 43 00-0580	EA		7' Pinus flexilis & cvs - Limber Pine	179.56	
32 93 43 00-0581	EA		8' Pinus flexilis & cvs - Limber Pine	222.90	
32 93 43 00-0582	EA		9' Pinus flexilis & cvs - Limber Pine	272.44	
32 93 43 00-0583	EA		10' Pinus flexilis & cvs - Limber Pine	309.59	
32 93 43 00-0584	EA		1 Gallon Pinus mugo - Mugho Pine	5.77	
32 93 43 00-0585	EA		2 Gallon Pinus mugo - Mugho Pine	12.20	
32 93 43 00-0586	EA		3 Gallon Pinus mugo - Mugho Pine	15.27	
32 93 43 00-0587	EA		5 Gallon Pinus mugo - Mugho Pine	19.37	
32 93 43 00-0588	EA		12" To 15" Spread Pinus mugo - Mugho Pine	14.99	
32 93 43 00-0589	EA		15" To 18" Spread Pinus mugo - Mugho Pine	17.88	
32 93 43 00-0590	EA		18" To 24" Spread Pinus mugo - Mugho Pine	24.21	
32 93 43 00-0591	EA		2' To 2-1/2' Spread Pinus mugo - Mugho Pine	33.90	
32 93 43 00-0592	EA		2-1/2' To 3' Spread Pinus mugo - Mugho Pine	43.58	
32 93 43 00-0593	EA		3' To 3-1/2' Spread Pinus mugo - Mugho Pine	54.29	
32 93 43 00-0594	EA		3-1/2' To 4' Spread Pinus mugo - Mugho Pine	65.93	
32 93 43 00-0595	EA		6' Pinus nigra - Austrian Pine.....	154.79	
32 93 43 00-0596	EA		7' Pinus nigra - Austrian Pine.....	185.75	
32 93 43 00-0597	EA		8' Pinus nigra - Austrian Pine.....	241.48	
32 93 43 00-0598	EA		9' Pinus nigra - Austrian Pine.....	278.63	
32 93 43 00-0599	EA		10' Pinus nigra - Austrian Pine.....	328.16	
32 93 43 00-0600	EA		12' Pinus nigra - Austrian Pine.....	371.50	
32 93 43 00-0601	EA		14' Pinus nigra - Austrian Pine.....	414.85	
32 93 43 00-0602	EA		16' Pinus nigra - Austrian Pine.....	470.57	
32 93 43 00-0603	EA		1 Gallon Podocarpus - Chinese Podocarpus.....	2.89	
32 93 43 00-0604	EA		3 Gallon Podocarpus - Chinese Podocarpus.....	6.71	
32 93 43 00-0605	EA		7 Gallon Podocarpus - Chinese Podocarpus.....	19.37	
32 93 43 00-0606	EA		15 Gallon Podocarpus - Chinese Podocarpus.....	31.48	
32 93 43 00-0607	EA		4' To 5' Podocarpus - Chinese Podocarpus.....	48.43	
32 93 43 00-0608	EA		5' To 6' Sequoia sempervirens - Dawn Redwood	60.53	
32 93 43 00-0609	EA		6' To 8' Sequoia sempervirens - Dawn Redwood	81.72	
32 93 43 00-0610	EA		8' To 10' Sequoia sempervirens - Dawn Redwood	99.88	
32 93 43 00-0611	EA		3' To 4' Thuja occidentalis 'Wareana' - Siberian Arborvitae	11.67	
32 93 43 00-0612	EA		3' To 4' Thuja occidentalis 'Woodwadril' - Woodward Arborvitae	21.85	
32 93 43 00-0613	EA		4' Metrosideros excelsus - New Zealand Christmas Tree.....	88.29	
32 93 43 00-0614	EA		5' Metrosideros excelsus - New Zealand Christmas Tree.....	119.62	
32 93 43 00-0615	EA		6' Metrosideros excelsus - New Zealand Christmas Tree.....	203.65	
32 93 43 00-0616	EA		8' Metrosideros excelsus - New Zealand Christmas Tree.....	252.07	
32 93 43 00-0617	EA		24" Box Metrosideros excelsus - New Zealand Christmas Tree	167.73	
32 93 43 00-0618	EA		6' Cedrus decurrens - Incense Cedar	103.96	
32 93 43 00-0619	EA		8' Cedrus decurrens - Incense Cedar	215.04	
32 93 43 00-0620	EA		10' Cedrus decurrens - Incense Cedar	284.82	
32 93 43 00-0621	EA		12' Cedrus decurrens - Incense Cedar	377.39	
32 93 43 00-0622	EA		6' Pinus canariensis - Canary Island Pine.....	341.78	
32 93 43 00-0623	EA		8' Pinus canariensis - Canary Island Pine.....	455.71	
32 93 43 00-0624	EA		10' Pinus canariensis - Canary Island Pine.....	569.64	
32 93 43 00-0625	EA		12' Pinus canariensis - Canary Island Pine.....	683.57	
32 93 43 00-0626	EA		24" Box Pinus canariensis - Canary Island Pine.....	351.75	
32 93 43 00-0627	EA		6' Pinus pinea - Italian Stone Pine	341.78	
32 93 43 00-0628	EA		8' Pinus pinea - Italian Stone Pine	455.71	
32 93 43 00-0629	EA		10' Pinus pinea - Italian Stone Pine.....	569.64	
32 93 43 00-0630	EA		12' Pinus pinea - Italian Stone Pine	683.57	
32 93 43 00-0631	EA		6' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine.....	356.02	
32 93 43 00-0632	EA		8' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine.....	469.95	
32 93 43 00-0633	EA		10' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine.....	598.12	
32 93 43 00-0634	EA		12' Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine.....	712.05	
32 93 43 00-0635	EA		24" Box Afrocarpus falcatus (Podocarpus gracilior) - African Fern Pine.....	166.62	
32 93 43 00-0636	EA		6' Melaleuca linariifolia - Flaxleaf Paperbark.....	299.06	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0637	EA	8'	Melaleuca linariifolia - Flaxleaf Paperbark.....	398.75	
32 93 43 00-0638	EA	10'	Melaleuca linariifolia - Flaxleaf Paperbark.....	498.44	
32 93 43 00-0639	EA	12'	Melaleuca linariifolia - Flaxleaf Paperbark.....	598.12	
32 93 43 00-0640	EA	24"	Box Melaleuca linariifolia - Flaxleaf Paperbark.....	296.21	
32 93 43 00-0641	EA	6'	Melaleuca quinquenervia - Cajeput Tree.....	299.06	
32 93 43 00-0642	EA	8'	Melaleuca quinquenervia - Cajeput Tree.....	398.75	
32 93 43 00-0643	EA	10'	Melaleuca quinquenervia - Cajeput Tree.....	498.44	
32 93 43 00-0644	EA	12'	Melaleuca quinquenervia - Cajeput Tree.....	598.12	
32 93 43 00-0645	EA	24"	Box Melaleuca quinquenervia - Cajeput Tree.....	166.62	
32 93 43 00-0646	EA	30"	Box Melaleuca quinquenervia - Cajeput Tree.....	420.11	
32 93 43 00-0647	EA	36"	Box Melaleuca quinquenervia - Cajeput Tree.....	662.21	
32 93 43 00-0648	EA	6'	Pittosporum undulatum - Victorian Box.....	187.98	
32 93 43 00-0649	EA	8'	Pittosporum undulatum - Victorian Box.....	297.64	
32 93 43 00-0650	EA	10'	Pittosporum undulatum - Victorian Box.....	391.63	
32 93 43 00-0651	EA	1	Gallon Podocarpus macrophyllus - Yew Pine.....	6.62	
32 93 43 00-0652	EA	3	Gallon Podocarpus macrophyllus - Yew Pine.....	15.52	
32 93 43 00-0653	EA	5	Gallon Podocarpus macrophyllus - Yew Pine.....	20.36	
32 93 43 00-0654	EA	15	Gallon Podocarpus macrophyllus - Yew Pine.....	88.29	
32 93 43 00-0655	EA	24"	Box Podocarpus macrophyllus - Yew Pine.....	170.89	
32 93 43 00-0656	EA	24"	Box Rhus lancea - African Sumac.....	175.88	
32 93 43 00-0657	EA	30"	Box Rhus lancea - African Sumac.....	284.82	
32 93 43 00-0658	EA	8'	Rhus lancea - African Sumac.....	427.23	
32 93 43 00-0659	EA	10'	Rhus lancea - African Sumac.....	477.07	
32 93 43 00-0660	EA	12'	Rhus lancea - African Sumac.....	569.64	

32 93 43 00-0661

Palm And Subtropical Trees (32 93 43)

Note: All trees listed by caliper of trunk or height of tree if field grown, dug with spade, balled and burlapped and delivered to site.

32 93 43 00-0662	EA	4'	To 5' Archontophoenix cunninghamiana - King Palm.....	95.29	
32 93 43 00-0663	EA	6'	To 8' Archontophoenix cunninghamiana - King Palm.....	148.22	
32 93 43 00-0664	EA	8'	To 10' Archontophoenix cunninghamiana - King Palm.....	190.58	
32 93 43 00-0665	EA	10'	To 12' Archontophoenix cunninghamiana - King Palm.....	254.10	
32 93 43 00-0666	EA	10'	To 16' Sabal palmetto - Cabbage Palm.....	148.84	
32 93 43 00-0667	EA	12'	To 16' Cocos nucifera - Coconut Palm.....	405.93	
32 93 43 00-0668	EA	3'	To 4' Chamaedorea radicalis - Dwarf Bamboo Palm.....	202.12	
32 93 43 00-0669	EA	5'	To 6' Chamaedorea radicalis - Dwarf Bamboo Palm.....	317.62	
32 93 43 00-0670	EA	3'	To 4' Chamaerops humilis - European Fan Palm.....	173.25	
32 93 43 00-0671	EA	5'	To 6' Chamaerops humilis - European Fan Palm.....	231.00	
32 93 43 00-0672	EA	7'	To 8' Chamaerops humilis - European Fan Palm.....	539.00	
32 93 43 00-0673	EA	9'	To 10' Chamaerops humilis - European Fan Palm.....	924.00	
32 93 43 00-0674	EA	6'	To 7' Thrinax morrisii - Key Thatch Palm.....	404.25	
32 93 43 00-0675	EA	8'	To 9' Thrinax morrisii - Key Thatch Palm.....	519.75	
32 93 43 00-0676	EA	10'	To 11' Thrinax morrisii - Key Thatch Palm.....	635.25	
32 93 43 00-0677	EA	4'	To 5' Rhaps excelsa - Lady Palm.....	365.75	
32 93 43 00-0678	EA	6'	To 7' Rhaps excelsa - Lady Palm.....	519.75	
32 93 43 00-0679	EA	6'	To 7' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	134.75	
32 93 43 00-0680	EA	8'	To 10' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	269.50	
32 93 43 00-0681	EA	10'	To 12' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	346.50	
32 93 43 00-0682	EA	12'	To 14' Cocos nucifera 'Jamaican Maypan' - Maypan Coconut.....	481.25	
32 93 43 00-0683	EA	4'	To 5' Arecastrum romanzoffianum - Queen Palm.....	72.19	
32 93 43 00-0684	EA	6'	To 8' Arecastrum romanzoffianum - Queen Palm.....	101.00	
32 93 43 00-0685	EA	8'	To 10' Arecastrum romanzoffianum - Queen Palm.....	129.94	
32 93 43 00-0686	EA	10'	To 12' Arecastrum romanzoffianum - Queen Palm.....	158.81	
32 93 43 00-0687	EA	12'	To 14' Arecastrum romanzoffianum - Queen Palm.....	192.50	
32 93 43 00-0688	EA	14'	To 16' Arecastrum romanzoffianum - Queen Palm.....	240.62	
32 93 43 00-0689	EA	8'	To 9' Roystonea regia - Royal Palm.....	294.52	
32 93 43 00-0690	EA	10'	To 11' Roystonea regia - Royal Palm.....	359.98	
32 93 43 00-0691	EA	12'	To 13' Roystonea regia - Royal Palm.....	425.42	
32 93 43 00-0692	EA	14'	To 15' Roystonea regia - Royal Palm.....	490.88	
32 93 43 00-0693	EA	16'	To 17' Roystonea regia - Royal Palm.....	556.32	
32 93 43 00-0694	EA	18'	To 19' Roystonea regia - Royal Palm.....	621.78	
32 93 43 00-0695	EA	20'	To 21' Roystonea regia - Royal Palm.....	687.22	
32 93 43 00-0696	EA	9'	Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	144.38	
32 93 43 00-0697	EA	11'	Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	240.62	
32 93 43 00-0698	EA	15'	Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	365.75	
32 93 43 00-0699	EA	17'	Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	413.88	
32 93 43 00-0700	EA	20'	Ptychosperma elegans - Alexander Palm, Solitaire Palm.....	481.25	
32 93 43 00-0701	EA	4'	To 5' Bauninia blakeana - Hong Kong Orchid.....	413.88	
32 93 43 00-0702	EA	6'	Bauninia blakeana - Hong Kong Orchid.....	490.88	
32 93 43 00-0703	EA	8'	Bauninia blakeana - Hong Kong Orchid.....	654.50	
32 93 43 00-0704	EA	10'	Bauninia blakeana - Hong Kong Orchid.....	818.12	
32 93 43 00-0705	EA	4'	To 5' Acacia baileyana - Bailey Acacia.....	232.96	
32 93 43 00-0706	EA	6'	Acacia baileyana - Bailey Acacia.....	279.55	
32 93 43 00-0707	EA	8'	Acacia baileyana - Bailey Acacia.....	326.14	
32 93 43 00-0708	EA	10'	Acacia baileyana - Bailey Acacia.....	407.68	
32 93 43 00-0709	EA	6'	Agonis flexuosa - Peppermint Tree.....	139.78	
32 93 43 00-0710	EA	8'	Agonis flexuosa - Peppermint Tree.....	174.72	
32 93 43 00-0711	EA	10'	Agonis flexuosa - Peppermint Tree.....	209.66	
32 93 43 00-0712	EA	24"	Box Agonis flexuosa - Peppermint Tree.....	174.14	
32 93 43 00-0713	EA	6'	Bauhinia purpurea - Purple Orchid Tree.....	519.75	
32 93 43 00-0714	EA	8'	Bauhinia purpurea - Purple Orchid Tree.....	693.00	
32 93 43 00-0715	EA	10'	Bauhinia purpurea - Purple Orchid Tree.....	866.25	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 43 00-0716	EA	24" Box Bauhinia purpurea - Purple Orchid Tree.....	225.22	
32 93 43 00-0717	EA	6' Bauhinia variegata candida - White Orchid Tree.....	577.50	
32 93 43 00-0718	EA	8' Bauhinia variegata candida - White Orchid Tree.....	770.00	
32 93 43 00-0719	EA	10' Bauhinia variegata candida - White Orchid Tree.....	962.50	
32 93 43 00-0720	EA	6' Callistemon citrinus - Crimson or Lemon Bottle Brush.....	314.50	
32 93 43 00-0721	EA	8' Callistemon citrinus - Crimson or Lemon Bottle Brush.....	419.33	
32 93 43 00-0722	EA	10' Callistemon citrinus - Crimson or Lemon Bottle Brush.....	524.16	
32 93 43 00-0723	EA	6' Eriobotrya deflexa - Bronze Loquat.....	519.75	
32 93 43 00-0724	EA	8' Eriobotrya deflexa - Bronze Loquat.....	693.00	
32 93 43 00-0725	EA	10' Eriobotrya deflexa - Bronze Loquat.....	866.25	
32 93 43 00-0726	EA	6' Eucalyptus erythrocorys - Red Cap Gum.....	519.75	
32 93 43 00-0727	EA	8' Eucalyptus erythrocorys - Red Cap Gum.....	693.00	
32 93 43 00-0728	EA	10' Eucalyptus erythrocorys - Red Cap Gum.....	866.25	
32 93 43 00-0729	EA	6' Eucalyptus torquata - Coral Gum.....	519.75	
32 93 43 00-0730	EA	8' Eucalyptus torquata - Coral Gum.....	693.00	
32 93 43 00-0731	EA	10' Eucalyptus torquata - Coral Gum.....	866.25	
32 93 43 00-0732	EA	8' Fraxinus oxycarpa "Raywood" - Raywood Ash.....	326.14	
32 93 43 00-0733	EA	10' Fraxinus oxycarpa "Raywood" - Raywood Ash.....	442.62	
32 93 43 00-0734	EA	12' Fraxinus oxycarpa "Raywood" - Raywood Ash.....	547.46	
32 93 43 00-0735	EA	1 Gallon Washingtonia robusta - Mexican Fan Palm.....	8.83	
32 93 43 00-0736	EA	5 Gallon Washingtonia robusta - Mexican Fan Palm.....	27.47	
32 93 43 00-0737	EA	15 Gallon Washingtonia robusta - Mexican Fan Palm.....	96.13	
32 93 43 00-0738	EA	24" Box Washingtonia robusta - Mexican Fan Palm.....	313.89	
32 93 43 00-0739	EA	36" Box Washingtonia robusta - Mexican Fan Palm.....	833.76	
32 93 43 00-0740	EA	6' Washingtonia robusta - Mexican Fan Palm.....	519.75	
32 93 43 00-0741	EA	8' Washingtonia robusta - Mexican Fan Palm.....	693.00	
32 93 43 00-0742	EA	10' Washingtonia robusta - Mexican Fan Palm.....	866.25	
32 93 43 00-0743	EA	12' Washingtonia robusta - Mexican Fan Palm.....	1,039.50	
32 93 43 00-0744	EA	6' Olea europaea - Olive "Fruitless".....	384.51	
32 93 43 00-0745	EA	8' Olea europaea - Olive "Fruitless".....	512.68	
32 93 43 00-0746	EA	10' Olea europaea - Olive "Fruitless".....	640.84	
32 93 43 00-0747	EA	12' Olea europaea - Olive "Fruitless".....	769.01	
32 93 43 00-0748	EA	24" Box Olea europaea - Olive "Fruitless".....	472.80	
32 93 43 00-0749	EA	6' Eucalyptus polyanthemos - Silver Dollar Gum.....	519.75	
32 93 43 00-0750	EA	8' Eucalyptus polyanthemos - Silver Dollar Gum.....	693.00	
32 93 43 00-0751	EA	10' Eucalyptus polyanthemos - Silver Dollar Gum.....	866.25	
32 93 43 00-0752	EA	6' Eucalyptus leucoxylon - White Ironbark.....	519.75	
32 93 43 00-0753	EA	8' Eucalyptus leucoxylon - White Ironbark.....	693.00	
32 93 43 00-0754	EA	10' Eucalyptus leucoxylon - White Ironbark.....	866.25	
32 93 43 00-0755	EA	12' Eucalyptus leucoxylon - White Ironbark.....	1,039.50	
32 93 43 00-0756	EA	6' Callistemon viminalis - Weeping Bottle Brush.....	314.50	
32 93 43 00-0757	EA	8' Callistemon viminalis - Weeping Bottle Brush.....	419.33	
32 93 43 00-0758	EA	10' Callistemon viminalis - Weeping Bottle Brush.....	524.16	
32 93 43 00-0759	EA	12' Callistemon viminalis - Weeping Bottle Brush.....	628.99	
32 93 43 00-0760	EA	6' Eucalyptus gunnii - Cider Gum.....	519.75	
32 93 43 00-0761	EA	8' Eucalyptus gunnii - Cider Gum.....	693.00	
32 93 43 00-0762	EA	10' Eucalyptus gunnii - Cider Gum.....	866.25	
32 93 43 00-0763	EA	6' Jacarandra acutifolia - Jacaranda.....	519.75	
32 93 43 00-0764	EA	8' Jacarandra acutifolia - Jacaranda.....	693.00	
32 93 43 00-0765	EA	10' Jacarandra acutifolia - Jacaranda.....	866.25	
32 93 43 00-0766	EA	24" Box Jacarandra acutifolia - Jacaranda.....	225.22	
32 93 43 00-0767	EA	5 Gallon Pistacia chinensis - Chinese Pistache.....	34.65	
32 93 43 00-0768	EA	15 Gallon Pistacia chinensis - Chinese Pistache.....	115.50	
32 93 43 00-0769	EA	24" Box Pistacia chinensis - Chinese Pistache.....	448.52	
32 93 43 00-0770	EA	36" Box Pistacia chinensis - Chinese Pistache.....	1,193.50	
32 93 43 00-0771	EA	48" Box Pistacia chinensis - Chinese Pistache.....	2,541.00	
32 93 43 00-0772	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Single.....	21.67	
32 93 43 00-0773	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Single.....	72.22	
32 93 43 00-0774	EA	24" Box Pyrus kawakamii - Evergreen Pear, Single.....	271.40	
32 93 43 00-0775	EA	30" Box Pyrus kawakamii - Evergreen Pear, Single.....	496.20	
32 93 43 00-0776	EA	36" Box Pyrus kawakamii - Evergreen Pear, Single.....	722.18	
32 93 43 00-0777	EA	5 Gallon Pyrus kawakamii - Evergreen Pear, Multi.....	21.67	
32 93 43 00-0778	EA	15 Gallon Pyrus kawakamii - Evergreen Pear, Multi.....	76.88	
32 93 43 00-0779	EA	24" Box Pyrus kawakamii - Evergreen Pear, Multi.....	279.55	
32 93 43 00-0780	EA	30" Box Pyrus kawakamii - Evergreen Pear, Multi.....	496.20	
32 93 43 00-0781	EA	36" Box Pyrus kawakamii - Evergreen Pear, Multi.....	722.18	

32 93 63 Specialty Plants (32 93)**32 93 63 00-0001 Specialty Plants In Place (32 93 63)**

Note: Includes plant and placement for ground cover, ornamental annuals, perennials, ornamental shrubs: standard species and varieties and trees: Eucalyptus-20 species/varieties, Melaleuca Lacadendron, Prunus Persica, Olea Eurpoea, Tristantia Conferta, Podocarpus Gracilior, Bauhinia Variegata, Ulmus Parvifolia, Platanus Acerifolia, Pinus Canariensis, Pinus Pinea, Pinus Halepensis, Prunus Persica "Helen Borcher", Cinnamomum Camphora, Magnolia Grandiflora, Ficus Nitida, Ficus Retusa, Ficus Benjamina, Ginkgo Biloba, Hymenosporum Flavum, Jacarandra Mimsifolia, Etc.

32 93 63 00-0002	EA	7 Gallon Trees And Ornamental Shrubs.....	193.68	
32 93 63 00-0003	EA	10 Gallon Trees And Ornamental Shrubs.....	297.18	
32 93 63 00-0004	EA	15 Gallon Trees And Ornamental Shrubs.....	389.74	
32 93 63 00-0005	EA	20" Box Container Trees And Ornamental Shrubs.....	510.42	
32 93 63 00-0006	EA	24" Box Container Trees And Ornamental Shrubs.....	709.83	
32 93 63 00-0007	EA	30" Box Container Trees.....	1,405.99	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 63 00-0008 EA 36" Box Container Trees.....	2,184.75	
32 93 63 00-0009 EA 48" Box Container Trees.....	4,535.54	
32 93 63 00-0010 EA 60" Box Container Trees.....	7,507.52	
32 93 63 00-0011 EA 72" Box Container Trees.....	12,582.46	
32 93 63 00-0012 EA 1 Gallon Ground Cover, Ornamental Annuals, Perennials	34.52	
32 93 63 00-0013 EA 2 Gallon Ground Cover, Ornamental Annuals, Perennials	69.45	
32 93 63 00-0014 EA 3 Gallon Ground Cover, Ornamental Annuals, Perennials	80.24	
32 93 63 00-0015 EA 5 Gallon Ground Cover, Ornamental Annuals, Perennials	108.95	
32 93 63 00-0016 EA "Flat" Size Ground Cover, Ornamental Annuals, Perennials	108.95	
32 93 83 Planting of Trees, Shrubs and Ground Cover (32 93)		
Note: Includes moving plant(s) from truck or staging site to planting site, excavation of hole, placing plant in hole, backfill and compaction. Use appropriate gallon, height or caliper size to match with description from plant section.		
32 93 83 00-0001 Planting Trees (32 93 83)		
Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0002 EA 3" To 5" Bare Root Seedlings Tree Planting.....	1.28	
32 93 83 00-0003 EA 6" To 10" Bare Root Seedlings Tree Planting.....	2.06	
32 93 83 00-0004 EA 11" To 16" Bare Root Seedlings Tree Planting.....	2.57	
32 93 83 00-0005 EA 17" To 24" Bare Root Seedlings Tree Planting.....	4.11	
32 93 83 00-0006 EA 1 Gallon Container Tree Planting.....	20.55	
For >10 To 25, Deduct	-1.03	
For >25 To 50, Deduct	-2.57	
For >50 To 100, Deduct	-4.11	
For >100, Deduct	-6.17	
32 93 83 00-0007 EA 2 Gallon Container Tree Planting.....	28.77	
For >10 To 25, Deduct	-1.44	
For >25 To 50, Deduct	-3.60	
For >50 To 100, Deduct	-5.75	
For >100, Deduct	-8.63	
32 93 83 00-0008 EA 3 Gallon Container Tree Planting.....	36.99	
For >10 To 25, Deduct	-1.85	
For >25 To 50, Deduct	-4.62	
For >50 To 100, Deduct	-7.40	
For >100, Deduct	-11.10	
32 93 83 00-0009 EA 5 Gallon Container Tree Planting.....	61.65	
For >10 To 25, Deduct	-3.08	
For >25 To 50, Deduct	-7.71	
For >50 To 100, Deduct	-12.33	
For >100, Deduct	-18.50	
32 93 83 00-0010 EA 7 Gallon Container Tree Planting.....	82.19	
For >10 To 25, Deduct	-4.11	
For >25 To 50, Deduct	-10.27	
For >50 To 100, Deduct	-16.44	
For >100, Deduct	-24.66	
32 93 83 00-0011 EA 10 Gallon Container Tree Planting.....	106.86	
For >10 To 25, Deduct	-5.34	
For >25 To 50, Deduct	-13.36	
For >50 To 100, Deduct	-21.37	
For >100, Deduct	-32.06	
32 93 83 00-0012 EA 15 Gallon Container Tree Planting.....	152.06	
For >10 To 25, Deduct	-7.60	
For >25 To 50, Deduct	-19.01	
For >50 To 100, Deduct	-30.41	
For >100, Deduct	-45.62	
32 93 83 00-0013 EA 20 Gallon Container Tree Planting.....	250.70	
For >10 To 25, Deduct	-12.54	
For >25 To 50, Deduct	-31.34	
For >50 To 100, Deduct	-50.14	
For >100, Deduct	-75.21	
32 93 83 00-0014 EA 25 Gallon Container Tree Planting.....	324.67	
For >10 To 25, Deduct	-16.23	
For >25 To 50, Deduct	-40.58	
For >50 To 100, Deduct	-64.93	
For >100, Deduct	-97.40	
32 93 83 00-0015 EA 30 Gallon Container Tree Planting.....	390.43	
For >10 To 25, Deduct	-19.52	
For >25 To 50, Deduct	-48.80	
For >50 To 100, Deduct	-78.09	
For >100, Deduct	-117.13	
32 93 83 00-0016 EA 45 Gallon Container Tree Planting.....	484.96	
For >10 To 25, Deduct	-24.25	
For >25 To 50, Deduct	-60.62	
For >50 To 100, Deduct	-96.99	
For >100, Deduct	-145.49	
32 93 83 00-0017 EA 65 Gallon Container Tree Planting.....	575.37	
For >10 To 25, Deduct	-28.77	
For >25 To 50, Deduct	-71.92	
For >50 To 100, Deduct	-115.07	
For >100, Deduct	-172.61	
32 93 83 00-0018 EA 6' Balled And Burlapped Tree Planting.....	205.49	
For >10 To 25, Deduct	-10.27	
For >25 To 50, Deduct	-25.69	
For >50 To 100, Deduct	-41.10	
For >100, Deduct	-61.65	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0019 EA 7' Balled And Burlapped Tree Planting	273.72	
For >10 To 25, Deduct	-13.69	
For >25 To 50, Deduct	-34.22	
For >50 To 100, Deduct	-54.74	
For >100, Deduct	-82.12	
32 93 83 00-0020 EA 8' Balled And Burlapped Tree Planting	308.24	
For >10 To 25, Deduct	-15.41	
For >25 To 50, Deduct	-38.53	
For >50 To 100, Deduct	-61.65	
For >100, Deduct	-92.47	
32 93 83 00-0021 EA 10' Balled And Burlapped Tree Planting	359.61	
For >10 To 25, Deduct	-17.98	
For >25 To 50, Deduct	-44.95	
For >50 To 100, Deduct	-71.92	
For >100, Deduct	-107.88	
32 93 83 00-0022 EA 12' Balled And Burlapped Tree Planting	480.85	
For >10 To 25, Deduct	-24.04	
For >25 To 50, Deduct	-60.11	
For >50 To 100, Deduct	-96.17	
For >100, Deduct	-144.26	
32 93 83 00-0023 EA 14' Balled And Burlapped Tree Planting	550.72	
For >10 To 25, Deduct	-27.54	
For >25 To 50, Deduct	-68.84	
For >50 To 100, Deduct	-110.14	
For >100, Deduct	-165.22	
32 93 83 00-0024 EA 16' Balled And Burlapped Tree Planting	667.85	
For >10 To 25, Deduct	-33.39	
For >25 To 50, Deduct	-83.48	
For >50 To 100, Deduct	-133.57	
For >100, Deduct	-200.36	
32 93 83 00-0025 EA 18' Balled And Burlapped Tree Planting	801.42	
For >10 To 25, Deduct	-40.07	
For >25 To 50, Deduct	-100.18	
For >50 To 100, Deduct	-160.28	
For >100, Deduct	-240.43	
32 93 83 00-0026 EA 20' Balled And Burlapped Tree Planting	924.71	
For >10 To 25, Deduct	-46.24	
For >25 To 50, Deduct	-115.59	
For >50 To 100, Deduct	-184.94	
For >100, Deduct	-277.41	
32 93 83 00-0027 EA 1-1/2" Caliper Balled And Burlapped Tree Planting	308.24	
For >10 To 25, Deduct	-15.41	
For >25 To 50, Deduct	-38.53	
For >50 To 100, Deduct	-61.65	
For >100, Deduct	-92.47	
32 93 83 00-0028 EA 2" Caliper Balled And Burlapped Tree Planting	359.61	
For >10 To 25, Deduct	-17.98	
For >25 To 50, Deduct	-44.95	
For >50 To 100, Deduct	-71.92	
For >100, Deduct	-107.88	
32 93 83 00-0029 EA 2-1/2" Caliper Balled And Burlapped Tree Planting	482.91	
For >10 To 25, Deduct	-24.15	
For >25 To 50, Deduct	-60.36	
For >50 To 100, Deduct	-96.58	
For >100, Deduct	-144.87	
32 93 83 00-0030 EA 3" Caliper Balled And Burlapped Tree Planting	554.82	
For >10 To 25, Deduct	-27.74	
For >25 To 50, Deduct	-69.35	
For >50 To 100, Deduct	-110.96	
For >100, Deduct	-166.45	
32 93 83 00-0031 EA 3-1/2" Caliper Balled And Burlapped Tree Planting	616.47	
For >10 To 25, Deduct	-30.82	
For >25 To 50, Deduct	-77.06	
For >50 To 100, Deduct	-123.29	
For >100, Deduct	-184.94	
32 93 83 00-0032 EA 4" Caliper Balled And Burlapped Tree Planting	706.88	
For >10 To 25, Deduct	-35.34	
For >25 To 50, Deduct	-88.36	
For >50 To 100, Deduct	-141.38	
For >100, Deduct	-212.06	
32 93 83 00-0033 EA 24" Box Container Tree Planting.....	106.86	
For >10 To 25, Deduct	-5.34	
For >25 To 50, Deduct	-13.36	
For >50 To 100, Deduct	-21.37	
For >100, Deduct	-32.06	
32 93 83 00-0034 EA 36" Box Container Tree Planting.....	324.67	
For >10 To 25, Deduct	-16.23	
For >25 To 50, Deduct	-40.58	
For >50 To 100, Deduct	-64.93	
For >100, Deduct	-97.40	
32 93 83 00-0035 EA 48" Box Container Tree Planting.....	575.37	
For >10 To 25, Deduct	-28.77	
For >25 To 50, Deduct	-71.92	
For >50 To 100, Deduct	-115.07	
For >100, Deduct	-172.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0036 EA 60" Box Container Tree Planting	682.23	
<i>For >10 To 25, Deduct</i>	-34.11	
<i>For >25 To 50, Deduct</i>	-85.28	
<i>For >50 To 100, Deduct</i>	-136.45	
<i>For >100, Deduct</i>	-204.67	
32 93 83 00-0037 EA 72" Box Container Tree Planting	821.97	
<i>For >10 To 25, Deduct</i>	-41.10	
<i>For >25 To 50, Deduct</i>	-102.75	
<i>For >50 To 100, Deduct</i>	-164.39	
<i>For >100, Deduct</i>	-246.59	
32 93 83 00-0038 Planting Shrubs ^(32 93 83)		
Note: Excludes mulch. See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0039 EA 1 Gallon Container Shrub Planting	17.48	
<i>For >10 To 25, Deduct</i>	-0.87	
<i>For >25 To 50, Deduct</i>	-2.19	
<i>For >50 To 100, Deduct</i>	-3.50	
<i>For >100, Deduct</i>	-5.24	
32 93 83 00-0040 EA 2 Gallon Container Shrub Planting	24.65	
<i>For >10 To 25, Deduct</i>	-1.23	
<i>For >25 To 50, Deduct</i>	-3.08	
<i>For >50 To 100, Deduct</i>	-4.93	
<i>For >100, Deduct</i>	-7.40	
32 93 83 00-0041 EA 3 Gallon Container Shrub Planting	30.83	
<i>For >10 To 25, Deduct</i>	-1.54	
<i>For >25 To 50, Deduct</i>	-3.85	
<i>For >50 To 100, Deduct</i>	-6.17	
<i>For >100, Deduct</i>	-9.25	
32 93 83 00-0042 EA 4 Gallon Container Shrub Planting	41.10	
<i>For >10 To 25, Deduct</i>	-2.06	
<i>For >25 To 50, Deduct</i>	-5.14	
<i>For >50 To 100, Deduct</i>	-8.22	
<i>For >100, Deduct</i>	-12.33	
32 93 83 00-0043 EA 5 Gallon Container Shrub Planting	51.38	
<i>For >10 To 25, Deduct</i>	-2.57	
<i>For >25 To 50, Deduct</i>	-6.42	
<i>For >50 To 100, Deduct</i>	-10.28	
<i>For >100, Deduct</i>	-15.41	
32 93 83 00-0044 EA 7 Gallon Container Shrub Planting	69.87	
<i>For >10 To 25, Deduct</i>	-3.49	
<i>For >25 To 50, Deduct</i>	-8.73	
<i>For >50 To 100, Deduct</i>	-13.97	
<i>For >100, Deduct</i>	-20.96	
32 93 83 00-0045 EA 10 Gallon Container Shrub Planting	92.47	
<i>For >10 To 25, Deduct</i>	-4.62	
<i>For >25 To 50, Deduct</i>	-11.56	
<i>For >50 To 100, Deduct</i>	-18.49	
<i>For >100, Deduct</i>	-27.74	
32 93 83 00-0046 EA 15 Gallon Container Shrub Planting	127.41	
<i>For >10 To 25, Deduct</i>	-6.37	
<i>For >25 To 50, Deduct</i>	-15.93	
<i>For >50 To 100, Deduct</i>	-25.48	
<i>For >100, Deduct</i>	-38.22	
32 93 83 00-0047 EA 20 Gallon Container Shrub Planting	213.71	
<i>For >10 To 25, Deduct</i>	-10.69	
<i>For >25 To 50, Deduct</i>	-26.71	
<i>For >50 To 100, Deduct</i>	-42.74	
<i>For >100, Deduct</i>	-64.11	
32 93 83 00-0048 EA 25 Gallon Container Shrub Planting	273.72	
<i>For >10 To 25, Deduct</i>	-13.69	
<i>For >25 To 50, Deduct</i>	-34.22	
<i>For >50 To 100, Deduct</i>	-54.74	
<i>For >100, Deduct</i>	-82.12	
32 93 83 00-0049 EA 15" Balled And Burlapped Shrub Planting	57.54	
<i>For >10 To 25, Deduct</i>	-2.88	
<i>For >25 To 50, Deduct</i>	-7.19	
<i>For >50 To 100, Deduct</i>	-11.51	
<i>For >100, Deduct</i>	-17.26	
32 93 83 00-0050 EA 18" Balled And Burlapped Shrub Planting	59.59	
<i>For >10 To 25, Deduct</i>	-2.98	
<i>For >25 To 50, Deduct</i>	-7.45	
<i>For >50 To 100, Deduct</i>	-11.92	
<i>For >100, Deduct</i>	-17.88	
32 93 83 00-0051 EA 24" Balled And Burlapped Shrub Planting	65.76	
<i>For >10 To 25, Deduct</i>	-3.29	
<i>For >25 To 50, Deduct</i>	-8.22	
<i>For >50 To 100, Deduct</i>	-13.15	
<i>For >100, Deduct</i>	-19.73	
32 93 83 00-0052 EA 30" Balled And Burlapped Shrub Planting	65.76	
<i>For >10 To 25, Deduct</i>	-3.29	
<i>For >25 To 50, Deduct</i>	-8.22	
<i>For >50 To 100, Deduct</i>	-13.15	
<i>For >100, Deduct</i>	-19.73	

32 Exterior Improvements**32 90 Planting****32 93 Plants**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0053	EA		36" Balled And Burlapped Shrub Planting	71.93	
			<i>For >10 To 25, Deduct</i>	-3.60	
			<i>For >25 To 50, Deduct</i>	-8.99	
			<i>For >50 To 100, Deduct</i>	-14.39	
			<i>For >100, Deduct</i>	-21.58	
32 93 83 00-0054	EA		42" Balled And Burlapped Shrub Planting	76.03	
			<i>For >10 To 25, Deduct</i>	-3.80	
			<i>For >25 To 50, Deduct</i>	-9.50	
			<i>For >50 To 100, Deduct</i>	-15.21	
			<i>For >100, Deduct</i>	-22.81	
32 93 83 00-0055	EA		48" Balled And Burlapped Shrub Planting	82.19	
			<i>For >10 To 25, Deduct</i>	-4.11	
			<i>For >25 To 50, Deduct</i>	-10.27	
			<i>For >50 To 100, Deduct</i>	-16.44	
			<i>For >100, Deduct</i>	-24.66	
32 93 83 00-0056	EA		5' Balled And Burlapped Shrub Planting	123.29	
			<i>For >10 To 25, Deduct</i>	-6.16	
			<i>For >25 To 50, Deduct</i>	-15.41	
			<i>For >50 To 100, Deduct</i>	-24.66	
			<i>For >100, Deduct</i>	-36.99	
32 93 83 00-0057	EA		6' Balled And Burlapped Shrub Planting	174.67	
			<i>For >10 To 25, Deduct</i>	-8.73	
			<i>For >25 To 50, Deduct</i>	-21.83	
			<i>For >50 To 100, Deduct</i>	-34.93	
			<i>For >100, Deduct</i>	-52.40	
32 93 83 00-0058	EA		7' Balled And Burlapped Shrub Planting	232.21	
			<i>For >10 To 25, Deduct</i>	-11.61	
			<i>For >25 To 50, Deduct</i>	-29.03	
			<i>For >50 To 100, Deduct</i>	-46.44	
			<i>For >100, Deduct</i>	-69.66	
32 93 83 00-0059	EA		8' Balled And Burlapped Shrub Planting	263.03	
			<i>For >10 To 25, Deduct</i>	-13.15	
			<i>For >25 To 50, Deduct</i>	-32.88	
			<i>For >50 To 100, Deduct</i>	-52.61	
			<i>For >100, Deduct</i>	-78.91	
32 93 83 00-0060	EA		9' Balled And Burlapped Shrub Planting	283.58	
			<i>For >10 To 25, Deduct</i>	-14.18	
			<i>For >25 To 50, Deduct</i>	-35.45	
			<i>For >50 To 100, Deduct</i>	-56.72	
			<i>For >100, Deduct</i>	-85.07	
32 93 83 00-0061	EA		10' Balled And Burlapped Shrub Planting	308.24	
			<i>For >10 To 25, Deduct</i>	-15.41	
			<i>For >25 To 50, Deduct</i>	-38.53	
			<i>For >50 To 100, Deduct</i>	-61.65	
			<i>For >100, Deduct</i>	-92.47	
32 93 83 00-0062			Planting Groundcover, Vines, Perennials, Annuals And Bulbs <small>(32 93 83)</small>		
			See CSI section 32 91 13 16-0001 for mulch.		
32 93 83 00-0063	EA		2-1/4" Diameter Potted Groundcover And Flower Planting	1.72	
			<i>For >10 To 25, Deduct</i>	-0.09	
			<i>For >25 To 50, Deduct</i>	-0.22	
			<i>For >50 To 100, Deduct</i>	-0.34	
			<i>For >100, Deduct</i>	-0.52	
32 93 83 00-0064	EA		3" Diameter Potted Groundcover And Flower Planting	1.96	
			<i>For >10 To 25, Deduct</i>	-0.10	
			<i>For >25 To 50, Deduct</i>	-0.25	
			<i>For >50 To 100, Deduct</i>	-0.39	
			<i>For >100, Deduct</i>	-0.59	
32 93 83 00-0065	EA		4" Diameter Potted Groundcover And Flower Planting	2.28	
			<i>For >10 To 25, Deduct</i>	-0.11	
			<i>For >25 To 50, Deduct</i>	-0.29	
			<i>For >50 To 100, Deduct</i>	-0.46	
			<i>For >100, Deduct</i>	-0.68	
32 93 83 00-0066	EA		5-1/2" Diameter Potted Groundcover And Flower Planting	2.74	
			<i>For >10 To 25, Deduct</i>	-0.14	
			<i>For >25 To 50, Deduct</i>	-0.34	
			<i>For >50 To 100, Deduct</i>	-0.55	
			<i>For >100, Deduct</i>	-0.82	
32 93 83 00-0067	EA		6" Diameter Potted Groundcover And Flower Planting	3.42	
			<i>For >10 To 25, Deduct</i>	-0.17	
			<i>For >25 To 50, Deduct</i>	-0.43	
			<i>For >50 To 100, Deduct</i>	-0.68	
			<i>For >100, Deduct</i>	-1.03	
32 93 83 00-0068	EA		8" Diameter Potted Groundcover And Flower Planting	5.14	
			<i>For >10 To 25, Deduct</i>	-0.26	
			<i>For >25 To 50, Deduct</i>	-0.64	
			<i>For >50 To 100, Deduct</i>	-1.03	
			<i>For >100, Deduct</i>	-1.54	
32 93 83 00-0069	EA		1 Gallon Container Groundcover And Flower Planting	16.44	
			<i>For >10 To 25, Deduct</i>	-0.82	
			<i>For >25 To 50, Deduct</i>	-2.06	
			<i>For >50 To 100, Deduct</i>	-3.29	
			<i>For >100, Deduct</i>	-4.93	

		Exterior Improvements	32
		Planting	32 90
		Plants	32 93

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 93 83 00-0070	EA		2 Gallon Container Groundcover And Flower Planting	22.61	
			<i>For >10 To 25, Deduct</i>	-1.13	
			<i>For >25 To 50, Deduct</i>	-2.83	
			<i>For >50 To 100, Deduct</i>	-4.52	
			<i>For >100, Deduct</i>	-6.78	
32 93 83 00-0071	EA		3 Gallon Container Groundcover And Flower Planting	28.77	
			<i>For >10 To 25, Deduct</i>	-1.44	
			<i>For >25 To 50, Deduct</i>	-3.60	
			<i>For >50 To 100, Deduct</i>	-5.75	
			<i>For >100, Deduct</i>	-8.63	
32 93 83 00-0072	EA		4 Gallon Container Groundcover And Flower Planting	36.99	
			<i>For >10 To 25, Deduct</i>	-1.85	
			<i>For >25 To 50, Deduct</i>	-4.62	
			<i>For >50 To 100, Deduct</i>	-7.40	
			<i>For >100, Deduct</i>	-11.10	
32 93 83 00-0073	EA		5 Gallon Container Groundcover And Flower Planting	45.21	
			<i>For >10 To 25, Deduct</i>	-2.26	
			<i>For >25 To 50, Deduct</i>	-5.65	
			<i>For >50 To 100, Deduct</i>	-9.04	
			<i>For >100, Deduct</i>	-13.56	
32 93 83 00-0074	EA		7 Gallon Container Groundcover And Flower Planting	61.65	
			<i>For >10 To 25, Deduct</i>	-3.08	
			<i>For >25 To 50, Deduct</i>	-7.71	
			<i>For >50 To 100, Deduct</i>	-12.33	
			<i>For >100, Deduct</i>	-18.50	
32 93 83 00-0075	EA		Bulb Planting.....	1.02	
			<i>For >10 To 25, Deduct</i>	-0.05	
			<i>For >25 To 50, Deduct</i>	-0.13	
			<i>For >50 To 100, Deduct</i>	-0.20	
			<i>For >100, Deduct</i>	-0.31	
32 93 83 00-0076	EA		Flats Of 24 Groundcover And Flower Planting	28.77	
			<i>For >10 To 25, Deduct</i>	-1.44	
			<i>For >25, Deduct</i>	-3.60	
32 93 83 00-0077	EA		Flats Of 36 Groundcover And Flower Planting	40.81	
			<i>For >10 To 25, Deduct</i>	-2.04	
			<i>For >25, Deduct</i>	-5.10	
32 93 83 00-0078	EA		Flats Of 48 Groundcover And Flower Planting	54.32	
			<i>For >10 To 25, Deduct</i>	-2.72	
			<i>For >25, Deduct</i>	-6.79	

32 93 83 00-0079

Tree Pits (32 93 83)

Note: Costs given show the tree pit size accommodates the soil ball and the type of soil excavated includes excavation, bank run sand and gravel fill for drainage, imported mix planting soil, hand backfill, perforated drainage pipe for watering, and drainage fabric. Includes one layer of woven fabric to be applied before mulch is spread. Excludes additional soil conditioners or mulch.

32 93 83 00-0080	EA		2' x 1-1/4' Deep Tree Pit	132.27	
32 93 83 00-0081	EA		2' x 2-1/2' Deep Tree Pit	198.37	
32 93 83 00-0082	EA		2-1/2' x 1-1/2' Deep Tree Pit	254.82	
32 93 83 00-0083	EA		2-1/2' x 3' Deep Tree Pit	382.18	
32 93 83 00-0084	EA		3' x 1-3/4' Deep Tree Pit	395.94	
32 93 83 00-0085	EA		3' x 3-1/2' Deep Tree Pit	591.19	
32 93 83 00-0086	EA		3-1/2' x 1-3/4' Deep Tree Pit	486.74	
32 93 83 00-0087	EA		3-1/2' x 3-1/2' Deep Tree Pit	729.21	
32 93 83 00-0088	EA		4' x 2' Deep Tree Pit	582.42	
32 93 83 00-0089	EA		4' x 4' Deep Tree Pit	873.22	
32 93 83 00-0090	EA		4-1/2' x 2' Deep Tree Pit	841.12	
32 93 83 00-0091	EA		4-1/2' x 4' Deep Tree Pit	1,263.87	
32 93 83 00-0092	EA		5' x 2-1/4' Deep Tree Pit	1,118.73	
32 93 83 00-0093	EA		5' x 4-1/2' Deep Tree Pit	1,667.75	
32 93 83 00-0094	EA		6' x 2-1/2' Deep Tree Pit	1,586.46	
32 93 83 00-0095	EA		6' x 5' Deep Tree Pit	2,376.58	
32 93 83 00-0096	EA		7' x 3' Deep Tree Pit	2,674.25	
32 93 83 00-0097	EA		7' x 6' Deep Tree Pit	4,030.20	
32 93 83 00-0098	EA		8' x 3-1/4' Deep Tree Pit	3,683.41	
32 93 83 00-0099	EA		8' x 6-1/2' Deep Tree Pit	5,523.05	

32 94 Planting Accessories (32 94)

32 94 13 Landscape Edging (32 94)

Note: Including stakes.

32 94 13 00-0001 Landscape Edging (32 94 13)

Note: Includes stakes.

32 94 13 00-0002	LF		6" Poly/Vinyl Landscape Edging With Non-Round Top.....	5.64	1.05
			<i>For >2,000 To 5,000 LF, Deduct</i>	-0.35	
			<i>For >5,000 LF, Deduct</i>	-0.71	
32 94 13 00-0003	LF		5" Polyethylene Landscape Edging With Round Top	3.22	1.05
			<i>For >2,000 To 5,000 LF, Deduct</i>	-0.11	
			<i>For >5,000 LF, Deduct</i>	-0.22	
32 94 13 00-0004	LF		5-1/2" Polyethylene Landscape Edging With Round Top	3.28	1.05
			<i>For >2,000 To 5,000 LF, Deduct</i>	-0.12	
			<i>For >5,000 LF, Deduct</i>	-0.23	

32 Exterior Improvements**32 90 Planting****32 94 Planting Accessories**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94	13 00-0005	LF	5" Polyethylene Landscape Edging With Corrugated Sides And Round Top <i>For >2,000 To 5,000 LF, Deduct</i> <i>For >5,000 LF, Deduct</i>	3.31 -0.12 -0.24	1.05
32 94	13 00-0006	LF	1/8" x 4", Mill Finish, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	9.49 -1.13	2.49
32 94	13 00-0007	LF	1/8" x 4", Black Paint, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	10.42 -1.36	2.49
32 94	13 00-0008	LF	1/8" x 4", Black Anodized, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	10.48 -1.38	2.49
32 94	13 00-0009	LF	3/16" x 4", Mill Finish, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	12.10 -1.75	2.58
32 94	13 00-0010	LF	3/16" x 4", Black Paint, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	13.24 -2.03	2.58
32 94	13 00-0011	LF	3/16" x 4", Black Anodized, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	13.22 -2.03	2.58
32 94	13 00-0012	LF	1/8" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	10.69 -1.36	2.66
32 94	13 00-0013	LF	1/8" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	11.97 -1.68	2.66
32 94	13 00-0014	LF	1/8" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	12.10 -1.71	2.66
32 94	13 00-0015	LF	3/16" x 5-1/2", Mill Finish, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	13.68 -2.07	2.74
32 94	13 00-0016	LF	3/16" x 5-1/2", Black Paint, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	14.95 -2.39	2.74
32 94	13 00-0017	LF	3/16" x 5-1/2", Black Anodized, Aluminum Alloy Landscape Edging <i>For >1,000 LF, Deduct</i>	15.06 -2.42	2.74
32 94	13 00-0018	LF	1/8" x 4" Powder Coated Steel Landscape Edging <i>For >1,000 LF, Deduct</i>	10.11 -1.24	2.58
32 94	13 00-0019	LF	3/16" x 4" Powder Coated Steel Landscape Edging <i>For >1,000 LF, Deduct</i>	11.99 -1.71	2.58
32 94	13 00-0020	LF	1/4" x 5" Powder Coated Steel Landscape Edging <i>For >1,000 LF, Deduct</i>	17.04 -2.97	2.58
32 94	13 00-0021	LF	1/2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)..... <i>For >1,000 LF, Deduct</i>	7.45 -0.62	2.49
32 94	13 00-0022	LF	1" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)..... <i>For >1,000 LF, Deduct</i>	8.57 -0.90	2.49
32 94	13 00-0023	LF	1" x 6", Recycled Plastic Landscape Edging (Bend-A-Board)..... <i>For >1,000 LF, Deduct</i>	9.56 -1.15	2.49
32 94	13 00-0024	LF	2" x 4", Recycled Plastic Landscape Edging (Bend-A-Board)..... <i>For >1,000 LF, Deduct</i>	9.77 -1.20	2.49

32 94 16 Landscape Timbers (32 94)

32 94	16 00-0001	LF	1" x 4" Redwood Edging .....5.11	1.68
32 94	16 00-0002	LF	2" x 4" Redwood Edging .....6.99	2.51
32 94	16 00-0003	LF	4" x 6" Pressure Treated Hardwood.....9.80	3.35
32 94	16 00-0004	LF	6" x 6" Pressure Treated Hardwood.....12.76	4.19
32 94	16 00-0005	LF	6" x 8" Pressure Treated Hardwood.....14.89	4.92
32 94	16 00-0006	LF	1" x 4" Pressure Treated Pine.....3.88	1.68
32 94	16 00-0007	LF	2" x 4" Pressure Treated Pine.....5.87	2.51
32 94	16 00-0008	LF	4" x 6" Pressure Treated Pine.....9.30	3.25
32 94	16 00-0009	LF	6" x 6" Pressure Treated Pine.....12.66	4.19
32 94	16 00-0010	LF	6" x 8" Pressure Treated Pine.....15.50	4.92
32 94	16 00-0011	LF	6" x 8" Railroad Ties .....14.62	4.69
32 94	16 00-0012	LF	7" x 9" Railroad Ties .....17.58	5.90

32 94 23 Plant Protection (32 94)

32 94	23 00-0001	SF	Tree Trunk Protection - Hardware Cloth 1/4" Mesh, 23 Gauge.....2.40	
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32 94 43 Tree Grates (32 94)**32 94 43 00-0001 Tree Grates With Frames** (32 94 43)**32 94 43 00-0002 Round Cast Iron Tree Grates With Frames** (32 94 43 00-0001)

32 94	43 00-0003	EA	32" Diameter, 100 To 150 LB Cast Iron Tree Grate With Frame .....1,032.74 <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	62.36 -68.10 -140.74
32 94	43 00-0004	EA	36" Diameter, 125 To 175 LB Cast Iron Tree Grate With Frame .....1,197.81 <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	62.36 -80.48 -166.33
32 94	43 00-0005	EA	42" Diameter, 150 To 200 LB Cast Iron Tree Grate With Frame .....1,445.75 <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	83.15 -95.96 -198.31
32 94	43 00-0006	EA	48" Diameter, 200 To 250 LB Cast Iron Tree Grate With Frame .....1,805.06 <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	83.15 -122.91 -254.01
32 94	43 00-0007	EA	54" Diameter, 300 To 350 LB Cast Iron Tree Grate With Frame .....2,315.20 <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	103.94 -158.05 -326.64
32 94	43 00-0008	EA	60" Diameter, Up To 350 LB Cast Iron Tree Grate With Frame .....2,424.75 <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	124.72 -163.15 -337.17

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 94 43 00-0009 EA 60" Diameter, >350 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,674.81 -181.90 -375.93	124.72
32 94 43 00-0010 EA 72" Diameter, Up To 550 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,558.08 -240.35 -496.73	176.70
32 94 43 00-0011 EA 72" Diameter, >500 To 550 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,703.74 -251.28 -519.31	176.70
32 94 43 00-0012 EA 72" Diameter, >600 To 650 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,825.13 -260.38 -538.12	176.70
32 94 43 00-0013 EA 72" Diameter, >650 To 700 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,922.25 -267.67 -553.17	176.70
32 94 43 00-0014 EA 72" Diameter, >700 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,995.08 -273.13 -564.46	176.70
32 94 43 00-0015 EA 93" Diameter, 950 To 1,000 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	4,377.91 -297.16 -614.14	207.87
 32 94 43 00-0016 Square Cast Iron Tree Grates With Frames <small>(32 94 43 00-0001)</small>		
32 94 43 00-0017 EA 30" x 30", 75 To 125 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	950.17 -61.91 -127.94	62.36
32 94 43 00-0018 EA 36" x 36", 100 To 150 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	1,156.54 -77.39 -159.93	62.36
32 94 43 00-0019 EA 48" x 48", Up To 200 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	1,713.11 -112.89 -233.31	103.94
32 94 43 00-0020 EA 48" x 48", >200 To 250 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,028.72 -136.56 -282.23	103.94
32 94 43 00-0021 EA 48" x 48", >250 To 300 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,320.06 -158.41 -327.39	103.94
32 94 43 00-0022 EA 48" x 48", >300 To 350 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,587.11 -178.44 -368.78	103.94
32 94 43 00-0023 EA 48" x 48", >350 To 400 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,829.89 -196.65 -406.41	103.94
32 94 43 00-0024 EA 48" x 48", >400 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,048.40 -213.04 -440.28	103.94
32 94 43 00-0025 EA 60" x 60", Up To 400 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	2,913.05 -196.65 -406.41	145.51
32 94 43 00-0026 EA 60" x 60", >400 To 450 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,131.56 -213.04 -440.28	145.51
32 94 43 00-0027 EA 60" x 60", >450 To 500 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,325.78 -227.61 -470.39	145.51
32 94 43 00-0028 EA 60" x 60", >500 To 550 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,495.73 -240.35 -496.73	145.51
32 94 43 00-0029 EA 60" x 60", >550 To 600 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,641.39 -251.28 -519.31	145.51
32 94 43 00-0030 EA 60" x 60", >600 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,762.78 -260.38 -538.12	145.51
32 94 43 00-0031 EA 72" x 72", Up To 550 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,558.08 -240.35 -496.73	176.70
32 94 43 00-0032 EA 72" x 72", >550 To 600 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,703.74 -251.28 -519.31	176.70
32 94 43 00-0033 EA 72" x 72", >600 To 650 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,825.13 -260.38 -538.12	176.70
32 94 43 00-0034 EA 72" x 72", >650 To 700 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,922.25 -267.67 -553.17	176.70
32 94 43 00-0035 EA 72" x 72", >700 To 750 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	3,995.08 -273.13 -564.46	176.70
32 94 43 00-0036 EA 72" x 72", >750 To 800 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	4,043.64 -276.77 -571.99	176.70
32 94 43 00-0037 EA 72" x 72", >800 To 850 LB Cast Iron Tree Grate With Frame <i>For >3 To 9, Deduct</i> <i>For >9, Deduct</i>	4,067.91 -278.59 -575.75	176.70

32 Exterior Improvements**32 90 Planting****32 94 Planting Accessories**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
32 94 43 00-0038	EA	72" x 72", >850 LB Cast Iron Tree Grate With Frame.....	4,092.19	176.70
		<i>For >3 To 9, Deduct</i>	-280.41	
		<i>For >9, Deduct</i>	-579.52	
32 94 43 00-0039		Rectangular Cast Iron Tree Grates With Frames (32 94 43 00-0001)		
32 94 43 00-0040	EA	36" x 48", 200 To 250 LB Cast Iron Tree Grate With Frame.....	1,805.06	83.15
		<i>For >3 To 9, Deduct</i>	-122.91	
		<i>For >9, Deduct</i>	-254.01	
32 94 43 00-0041	EA	36" x 60", 200 To 250 LB Cast Iron Tree Grate With Frame.....	1,841.48	83.15
		<i>For >3 To 9, Deduct</i>	-125.64	
		<i>For >9, Deduct</i>	-259.65	
32 94 43 00-0042	EA	36" x 72", 275 To 325 LB Cast Iron Tree Grate With Frame.....	2,249.65	103.94
		<i>For >3 To 9, Deduct</i>	-153.13	
		<i>For >9, Deduct</i>	-316.48	
32 94 43 00-0043	EA	48" x 72", Up To 350 LB Cast Iron Tree Grate With Frame.....	2,655.09	103.94
		<i>For >3 To 9, Deduct</i>	-183.54	
		<i>For >9, Deduct</i>	-379.32	
32 94 43 00-0044	EA	48" x 72", >350 LB Cast Iron Tree Grate With Frame.....	2,829.89	103.94
		<i>For >3 To 9, Deduct</i>	-196.65	
		<i>For >9, Deduct</i>	-406.41	
32 94 43 00-0045	EA	60" x 84", 700 To 750 LB Cast Iron Tree Grate With Frame.....	3,776.58	176.70
		<i>For >3 To 9, Deduct</i>	-256.74	
		<i>For >9, Deduct</i>	-530.60	
32 94 49		Plant and Tree Accessories (32 94)		
32 94 49 00-0001		Tree Guying (32 94 49)		
32 94 49 00-0002		Tree Guying, Stakes (32 94 49 00-0001)		
		Note: Includes stakes, cross brace, double #12 gauge twisted wire and reinforced rubber hose tree wrap.		
32 94 49 00-0003	EA	Tree Guying Up To 2" Caliper, 2 Stakes, Guy Wire And Wrap.....	21.86	
32 94 49 00-0004	EA	Tree Guying 2" To 3" Caliper, 2 Stakes, Guy Wire And Wrap.....	39.35	
32 94 49 00-0005	EA	Tree Guying 3" To 4" Caliper, 3 Stakes, Guy Wire And Wrap.....	67.63	
32 94 49 00-0006		Tree Guying, Anchors (32 94 49 00-0001)		
		Note: Includes arrowhead anchor, cable, turnbuckles and wrap or reinforced rubber hose.		
32 94 49 00-0007	EA	Tree Guying Up To 3" Caliper, 3" Anchors And Polypropylene Flat Rope.....	91.14	
32 94 49 00-0008	EA	Tree Guying 3" To 6" Caliper, 4" Anchors And Polypropylene Flat Rope.....	122.86	
32 94 49 00-0009	EA	Tree Guying 6" To 8" Caliper, 6" Anchors And Polypropylene Flat Rope.....	156.91	
32 94 49 00-0010	EA	Tree Guying 8" And Up Caliper, 8" Anchors And Polypropylene Flat Rope.....	203.37	
32 94 49 00-0011		Tree Wrap (32 94 49)		
32 94 49 00-0012	EA	Tree Wrap, Up To 1" Caliper Applied Ground Level To First Branches Of Tree.....	6.31	
32 94 49 00-0013	EA	Tree Wrap, 1" To 2" Caliper Applied Ground Level To First Branches Of Tree.....	10.56	
32 94 49 00-0014	EA	Tree Wrap, >2" To 4" Caliper Applied Ground Level To First Branches Of Tree.....	21.05	
32 94 49 00-0015	EA	Tree Wrap, >4" To 6" Caliper Applied Ground Level To First Branches Of Tree.....	32.91	
32 94 49 00-0016		Tree Guards (32 94 49)		
32 94 49 00-0017	EA	3' Preformed Plastic Tree Guard.....	13.83	
32 94 49 00-0018	EA	2' Preformed Plastic Tree Guard.....	11.82	
32 94 49 00-0019		Stake Out Tree And Shrub Locations (32 94 49)		
		Note: When no design available.		
32 94 49 00-0020	EA	Stake Out Trees Or Shrubs.....	6.65	
32 94 49 00-0021		Root Barriers (32 94 49)		
32 94 49 00-0022	EA	12" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner.....	12.02	
32 94 49 00-0023	EA	18" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner.....	17.25	
32 94 49 00-0024	EA	24" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner.....	20.43	
32 94 49 00-0025	EA	36" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner.....	38.78	
32 94 49 00-0026	EA	48" High x 24" Long, 0.080" Polypropylene, Root Barrier Panel With Self Locking Joiner.....	53.77	
32 96		Transplanting (32 90)		
		See CSI section 32 94 49 00-0001 for guying.		
32 96 33		Shrub Transplanting (32 96)		
		Note: Includes digging up, moving on site, digging new hole and replanting.		
32 96 33 00-0001		Moving Shrubs On Site, Relocate (32 96 33)		
		Note: Includes digging up, moving on site, digging new hole and replanting. See CSI section 32 94 49 00-0001 for guying.		
32 96 33 00-0002	EA	Up To 18" Root Ball, Move Shrubs On Site.....	70.24	
		<i>For >25 To 50, Deduct</i>	-7.02	
		<i>For >50, Deduct</i>	-10.54	

		Exterior Improvements	32
		Planting	32 90
		Transplanting	32 96

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
32 96 33 00-0003 EA >18" To 24" Root Ball, Move Shrubs On Site	95.03	
For >25 To 50, Deduct	-9.50	
For >50, Deduct	-14.25	
32 96 33 00-0004 EA >24" To 30" Root Ball, Move Shrubs On Site	161.12	
For >25 To 50, Deduct	-16.11	
For >50, Deduct	-24.17	
32 96 33 00-0005 EA >30" To 36" Root Ball, Move Shrubs On Site	247.89	
For >25 To 50, Deduct	-24.79	
For >50, Deduct	-37.18	
32 96 43 Tree Transplanting ^(32 96)		
Note: Includes digging up, moving on site, digging new hole and replanting.		
32 96 43 00-0001 Moving Trees On Site, Relocate ^(32 96 43)		
Note: Includes digging up, moving on site, digging new hole and replanting. Excludes crane where necessary for trees over 20' tall. See CSI section 01 22 23 00-0884 for crane lifting equipment, 32 94 49 00-0001 for guying.		
32 96 43 00-0002 EA Up To 24" Root Ball, Move Trees On Site	277.01	
For >5 To 10, Deduct	-13.85	
For >10 To 20, Deduct	-27.70	
For >20, Deduct	-41.55	
32 96 43 00-0003 EA >24" To 30" Root Ball, Move Trees On Site.....	379.90	
For >5 To 10, Deduct	-19.00	
For >10 To 20, Deduct	-37.99	
For >20, Deduct	-56.99	
32 96 43 00-0004 EA >30" To 36" Root Ball, Move Trees On Site.....	615.58	
For >5 To 10, Deduct	-30.78	
For >10 To 20, Deduct	-61.56	
For >20, Deduct	-92.34	
32 96 43 00-0005 EA >36" To 48" Root Ball, Move Trees On Site.....	1,022.81	
For >5 To 10, Deduct	-51.14	
For >10 To 20, Deduct	-102.28	
For >20, Deduct	-153.42	
32 96 43 00-0006 EA >48" To 60" Root Ball, Move Trees On Site.....	1,662.07	
For >5 To 10, Deduct	-83.10	
For >10 To 20, Deduct	-166.21	
For >20, Deduct	-249.31	
32 96 43 00-0007 EA >60" To 72" Root Ball, Move Trees On Site.....	2,144.61	
For >5 To 10, Deduct	-107.23	
For >10 To 20, Deduct	-214.46	
For >20, Deduct	-321.69	
32 96 43 00-0008 EA >72" To 84" Root Ball, Move Trees On Site.....	2,770.12	
For >5 To 10, Deduct	-138.51	
For >10 To 20, Deduct	-277.01	
For >20, Deduct	-415.52	
32 96 43 00-0009 EA >84" To 96" Root Ball, Move Trees On Site.....	3,324.14	
For >5 To 10, Deduct	-166.21	
For >10 To 20, Deduct	-332.41	
For >20, Deduct	-498.62	
32 96 43 00-0010 EA >96" To 120" Root Ball, Move Trees On Site.....	3,777.44	
For >5 To 10, Deduct	-188.87	
For >10 To 20, Deduct	-377.74	
For >20, Deduct	-566.62	

END OF SECTION 32

32	32	Exterior Improvements
	32 90	Planting
	32 96	Transplanting

	MINOR	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	CSI	UOM		

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 Utilities

Note: Buried plastic pipe and conduit includes detectable tracer wire

33 01 Operation and Maintenance of Utilities ⁽³³⁾

33 01 10 Operation and Maintenance of Water Utilities ^(33 01)

33 01 10 54 Cleaning of Water Utility Piping ^(33 01 10)

See CSI section 33 01 30 41-0012 for cleaning of water lines.

33 01 10 58 Disinfection of Water Utility Piping Systems ^(33 01 10)

33 01 10 58-0001 Water Main Disinfection/Sterilization ^(33 01 10 58)

Note: Gas chlorination. Continuous or plug method.

33 01 10 58-0002	EA Setting Up And Removing Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	963.99	
33 01 10 58-0003	EA Re-Set Up/Move Equipment For Water Main Disinfection/Sterilization, Gas Chlorination Method	481.99	
33 01 10 58-0004	LF Up To 4" Diameter Pipe Water Main Disinfection/Sterilization	0.37	
	For >250 To 500, Deduct	-0.02	
	For >500 To 1,000, Deduct	-0.04	
	For >1,000 To 2,000, Deduct	-0.06	
	For >2,000 To 5,000, Deduct	-0.07	
	For >5,000, Deduct	-0.09	
33 01 10 58-0005	LF 6" Diameter Pipe Water Main Disinfection/Sterilization	0.55	
	For >250 To 500, Deduct	-0.03	
	For >500 To 1,000, Deduct	-0.06	
	For >1,000 To 2,000, Deduct	-0.08	
	For >2,000 To 5,000, Deduct	-0.11	
	For >5,000, Deduct	-0.14	
33 01 10 58-0006	LF 8" Diameter Pipe Water Main Disinfection/Sterilization	0.72	
	For >250 To 500, Deduct	-0.04	
	For >500 To 1,000, Deduct	-0.07	
	For >1,000 To 2,000, Deduct	-0.11	
	For >2,000 To 5,000, Deduct	-0.14	
	For >5,000, Deduct	-0.18	
33 01 10 58-0007	LF 10" Diameter Pipe Water Main Disinfection/Sterilization	0.85	
	For >250 To 500, Deduct	-0.04	
	For >500 To 1,000, Deduct	-0.09	
	For >1,000 To 2,000, Deduct	-0.13	
	For >2,000 To 5,000, Deduct	-0.17	
	For >5,000, Deduct	-0.21	
33 01 10 58-0008	LF 12" Diameter Pipe Water Main Disinfection/Sterilization	1.11	
	For >250 To 500, Deduct	-0.06	
	For >500 To 1,000, Deduct	-0.11	
	For >1,000 To 2,000, Deduct	-0.17	
	For >2,000 To 5,000, Deduct	-0.22	
	For >5,000, Deduct	-0.28	
33 01 10 58-0009	LF >12" To 16" Diameter Pipe Water Main Disinfection/Sterilization	1.26	
	For >250 To 500, Deduct	-0.06	
	For >500 To 1,000, Deduct	-0.13	
	For >1,000 To 2,000, Deduct	-0.19	
	For >2,000 To 5,000, Deduct	-0.25	
	For >5,000, Deduct	-0.32	
33 01 10 58-0010	LF >16" To 24" Diameter Pipe Water Main Disinfection/Sterilization	1.45	
	For >250 To 500, Deduct	-0.07	
	For >500 To 1,000, Deduct	-0.15	
	For >1,000 To 2,000, Deduct	-0.22	
	For >2,000 To 5,000, Deduct	-0.29	
	For >5,000, Deduct	-0.36	
33 01 10 58-0011	LF >24" To 30" Diameter Pipe Water Main Disinfection/Sterilization	1.70	
	For >250 To 500, Deduct	-0.09	
	For >500 To 1,000, Deduct	-0.17	
	For >1,000 To 2,000, Deduct	-0.26	
	For >2,000 To 5,000, Deduct	-0.34	
	For >5,000, Deduct	-0.43	
33 01 10 58-0012	LF >30" To 42" Diameter Pipe Water Main Disinfection/Sterilization	2.19	
	For >250 To 500, Deduct	-0.11	
	For >500 To 1,000, Deduct	-0.22	
	For >1,000 To 2,000, Deduct	-0.33	
	For >2,000 To 5,000, Deduct	-0.44	
	For >5,000, Deduct	-0.55	
33 01 10 58-0013	LF >42" To 60" Diameter Pipe Water Main Disinfection/Sterilization	3.21	
	For >250 To 500, Deduct	-0.16	
	For >500 To 1,000, Deduct	-0.32	
	For >1,000 To 2,000, Deduct	-0.48	
	For >2,000 To 5,000, Deduct	-0.64	
	For >5,000, Deduct	-0.80	
33 01 10 58-0014	LF >60" Diameter Pipe Water Main Disinfection/Sterilization	4.45	
	For >250 To 500, Deduct	-0.22	
	For >500 To 1,000, Deduct	-0.45	
	For >1,000 To 2,000, Deduct	-0.67	
	For >2,000 To 5,000, Deduct	-0.89	
	For >5,000, Deduct	-1.11	

33 01 10 71 Relining Water Utilities Pipelines ^(33 01 10)

33 Utilities

33 01 Operation and Maintenance of Utilities

33 01 10 Operation and Maintenance of Water Utilities



MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

See CSI section 33 01 30 71-0000 for relining water pipelines.

33 01 10 71-0001	Relining Underground Water Pipelines <small>(33 01 10 71)</small>		
	Note: Excludes costs for CCTV inspection, pipe cleaning, pavement; temporary and permanent, emergency after hours response for homeowners backups.		
33 01 10 71-0002	Relining Underground Water Pipelines Set-Up And Reinsertion <small>(33 01 10 71-0001)</small>		
33 01 10 71-0003	EA Initial Set Up And Final Equipment Removal For Relining Underground Water Pipelines		5,012.38
33 01 10 71-0004	EA Move And Reset Up At Different Access/Location.....		2,004.95
33 01 10 71-0005	Lining Pipe With Cement <small>(33 01 10 71-0001)</small>		
33 01 10 71-0006	LF Up To 500', 4" Pipe, 1/8" Pipe Lining With Cement		57.84
	For 3/16" Thickness, Add		1.04
	For 1/4" Thickness, Add		2.08
33 01 10 71-0007	LF >500' To 1,000', 4" Pipe, 1/8" Pipe Lining With Cement		51.53
	For 3/16" Thickness, Add		1.04
	For 1/4" Thickness, Add		2.08
33 01 10 71-0008	LF >1,000' To 5,000', 4" Pipe, 1/8" Pipe Lining With Cement		43.11
	For 3/16" Thickness, Add		1.04
	For 1/4" Thickness, Add		2.08
33 01 10 71-0009	LF >5,000', 4" Pipe, 1/8" Pipe Lining With Cement		32.51
	For 3/16" Thickness, Add		1.04
	For 1/4" Thickness, Add		2.08
33 01 10 71-0010	LF Up To 500', 6" Pipe, 1/8" Pipe Lining With Cement		60.32
	For 3/16" Thickness, Add		1.56
	For 1/4" Thickness, Add		3.12
33 01 10 71-0011	LF >500' To 1,000', 6" Pipe, 1/8" Pipe Lining With Cement		53.78
	For 3/16" Thickness, Add		1.56
	For 1/4" Thickness, Add		3.12
33 01 10 71-0012	LF >1,000' To 5,000', 6" Pipe, 1/8" Pipe Lining With Cement		45.06
	For 3/16" Thickness, Add		1.56
	For 1/4" Thickness, Add		3.12
33 01 10 71-0013	LF >5,000', 6" Pipe, 1/8" Pipe Lining With Cement		34.32
	For 3/16" Thickness, Add		1.56
	For 1/4" Thickness, Add		3.12
33 01 10 71-0014	LF Up To 500', 8" Pipe, 1/8" Pipe Lining With Cement		62.69
	For 3/16" Thickness, Add		2.08
	For 1/4" Thickness, Add		4.15
33 01 10 71-0015	LF >500' To 1,000', 8" Pipe, 1/8" Pipe Lining With Cement		56.02
	For 3/16" Thickness, Add		2.08
	For 1/4" Thickness, Add		4.15
33 01 10 71-0016	LF >1,000' To 5,000', 8" Pipe, 1/8" Pipe Lining With Cement		47.00
	For 3/16" Thickness, Add		2.08
	For 1/4" Thickness, Add		4.15
33 01 10 71-0017	LF >5,000', 8" Pipe, 1/8" Pipe Lining With Cement		36.12
	For 3/16" Thickness, Add		2.08
	For 1/4" Thickness, Add		4.15
33 01 10 71-0018	LF Up To 500', 10" Pipe, 1/8" Pipe Lining With Cement		64.56
	For 3/16" Thickness, Add		2.60
	For 1/4" Thickness, Add		5.20
33 01 10 71-0019	LF >500' To 1,000', 10" Pipe, 1/8" Pipe Lining With Cement		57.78
	For 3/16" Thickness, Add		2.60
	For 1/4" Thickness, Add		5.20
33 01 10 71-0020	LF >1,000' To 5,000', 10" Pipe, 1/8" Pipe Lining With Cement		48.63
	For 3/16" Thickness, Add		2.60
	For 1/4" Thickness, Add		5.20
33 01 10 71-0021	LF >5,000', 10" Pipe, 1/8" Pipe Lining With Cement		37.94
	For 3/16" Thickness, Add		2.60
	For 1/4" Thickness, Add		5.20
33 01 10 71-0022	LF Up To 500', 12" Pipe, 1/8" Pipe Lining With Cement		69.88
	For 3/16" Thickness, Add		3.12
	For 1/4" Thickness, Add		6.23
33 01 10 71-0023	LF >500' To 1,000', 12" Pipe, 1/8" Pipe Lining With Cement		62.66
	For 3/16" Thickness, Add		3.12
	For 1/4" Thickness, Add		6.23
33 01 10 71-0024	LF >1,000' To 5,000', 12" Pipe, 1/8" Pipe Lining With Cement		52.93
	For 3/16" Thickness, Add		3.12
	For 1/4" Thickness, Add		6.23
33 01 10 71-0025	LF >5,000', 12" Pipe, 1/8" Pipe Lining With Cement		41.38
	For 3/16" Thickness, Add		3.12
	For 1/4" Thickness, Add		6.23
33 01 10 71-0026	LF Up To 500', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....		75.97
	For 1/4" Thickness, Add		3.47
	For 5/16" Thickness, Add		6.93
33 01 10 71-0027	LF >500' To 1,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....		68.49
	For 1/4" Thickness, Add		3.47
	For 5/16" Thickness, Add		6.93
33 01 10 71-0028	LF >1,000' To 5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....		58.35
	For 1/4" Thickness, Add		3.47
	For 5/16" Thickness, Add		6.93
33 01 10 71-0029	LF >5,000', >12" To 16" Pipe, 3/16" Pipe Lining With Cement.....		47.29
	For 1/4" Thickness, Add		3.47
	For 5/16" Thickness, Add		6.93
33 01 10 71-0030	LF Up To 500', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....		79.97
	For 1/4" Thickness, Add		4.15
	For 5/16" Thickness, Add		8.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 10 71-0031 LF >500' To 1,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	72.24	
<i>For 1/4" Thickness, Add</i>	4.15	
<i>For 5/16" Thickness, Add</i>	8.31	
33 01 10 71-0032 LF >1,000' To 5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	61.77	
<i>For 1/4" Thickness, Add</i>	4.15	
<i>For 5/16" Thickness, Add</i>	8.31	
33 01 10 71-0033 LF >5,000', >16" To 20" Pipe, 3/16" Pipe Lining With Cement.....	51.27	
<i>For 1/4" Thickness, Add</i>	4.15	
<i>For 5/16" Thickness, Add</i>	8.31	
33 01 10 71-0034 LF Up To 500', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	84.84	
<i>For 1/4" Thickness, Add</i>	4.85	
<i>For 5/16" Thickness, Add</i>	9.70	
33 01 10 71-0035 LF >500' To 1,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	76.87	
<i>For 1/4" Thickness, Add</i>	4.85	
<i>For 5/16" Thickness, Add</i>	9.70	
33 01 10 71-0036 LF >1,000' To 5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	65.87	
<i>For 1/4" Thickness, Add</i>	4.85	
<i>For 5/16" Thickness, Add</i>	9.70	
33 01 10 71-0037 LF >5,000', >20" To 22" Pipe, 3/16" Pipe Lining With Cement.....	56.05	
<i>For 1/4" Thickness, Add</i>	4.85	
<i>For 5/16" Thickness, Add</i>	9.70	
33 01 10 71-0038 LF Up To 500', 24" Pipe, 3/16" Pipe Lining With Cement.....	89.81	
<i>For 1/4" Thickness, Add</i>	5.54	
<i>For 5/16" Thickness, Add</i>	11.09	
33 01 10 71-0039 LF >500' To 1,000', 24" Pipe, 3/16" Pipe Lining With Cement.....	81.50	
<i>For 1/4" Thickness, Add</i>	5.54	
<i>For 5/16" Thickness, Add</i>	11.09	
33 01 10 71-0040 LF >1,000' To 5,000', 24" Pipe, 3/16" Pipe Lining With Cement.....	70.17	
<i>For 1/4" Thickness, Add</i>	5.54	
<i>For 5/16" Thickness, Add</i>	11.09	
33 01 10 71-0041 LF >5,000', 24" Pipe, 3/16" Pipe Lining With Cement.....	61.02	
<i>For 1/4" Thickness, Add</i>	5.54	
<i>For 5/16" Thickness, Add</i>	11.09	
33 01 10 71-0042 LF Up To 500', 30" Pipe, 3/16" Pipe Lining With Cement.....	96.76	
<i>For 1/4" Thickness, Add</i>	6.93	
<i>For 5/16" Thickness, Add</i>	13.85	
33 01 10 71-0043 LF >500' To 1,000', 30" Pipe, 3/16" Pipe Lining With Cement.....	87.96	
<i>For 1/4" Thickness, Add</i>	6.93	
<i>For 5/16" Thickness, Add</i>	13.85	
33 01 10 71-0044 LF >1,000' To 5,000', 30" Pipe, 3/16" Pipe Lining With Cement.....	75.96	
<i>For 1/4" Thickness, Add</i>	6.93	
<i>For 5/16" Thickness, Add</i>	13.85	
33 01 10 71-0045 LF >5,000', 30" Pipe, 3/16" Pipe Lining With Cement.....	66.71	
<i>For 1/4" Thickness, Add</i>	6.93	
<i>For 5/16" Thickness, Add</i>	13.85	
33 01 10 71-0046 LF Up To 500', 36" Pipe, 3/16" Pipe Lining With Cement.....	103.62	
<i>For 1/4" Thickness, Add</i>	8.32	
<i>For 5/16" Thickness, Add</i>	16.63	
33 01 10 71-0047 LF 500' To 1,000', 36" Pipe, 3/16" Pipe Lining With Cement.....	94.44	
<i>For 1/4" Thickness, Add</i>	8.32	
<i>For 5/16" Thickness, Add</i>	16.63	
33 01 10 71-0048 LF >1,000' To 5,000', 36" Pipe, 3/16" Pipe Lining With Cement.....	81.76	
<i>For 1/4" Thickness, Add</i>	8.32	
<i>For 5/16" Thickness, Add</i>	16.63	
33 01 10 71-0049 LF >5,000', 36" Pipe, 3/16" Pipe Lining With Cement.....	72.43	
<i>For 1/4" Thickness, Add</i>	8.32	
<i>For 5/16" Thickness, Add</i>	16.63	
33 01 10 71-0050 LF Up To 500', 42" Pipe, 1/4" Pipe Lining With Cement.....	129.64	
<i>For 3/8" Thickness, Add</i>	21.83	
<i>For 7/16" Thickness, Add</i>	32.74	
33 01 10 71-0051 LF >500' To 1,000', 42" Pipe, 1/4" Pipe Lining With Cement.....	119.64	
<i>For 3/8" Thickness, Add</i>	21.83	
<i>For 7/16" Thickness, Add</i>	32.74	
33 01 10 71-0052 LF >1,000' To 5,000', 42" Pipe, 1/4" Pipe Lining With Cement.....	105.86	
<i>For 3/8" Thickness, Add</i>	21.83	
<i>For 7/16" Thickness, Add</i>	32.74	
33 01 10 71-0053 LF >5,000', 42" Pipe, 1/4" Pipe Lining With Cement.....	96.23	
<i>For 3/8" Thickness, Add</i>	21.83	
<i>For 7/16" Thickness, Add</i>	32.74	
33 01 10 71-0054 LF Up To 500', 48" Pipe, 1/4" Pipe Lining With Cement.....	143.09	
<i>For 3/8" Thickness, Add</i>	24.94	
<i>For 7/16" Thickness, Add</i>	37.41	
33 01 10 71-0055 LF >500' To 1,000', 48" Pipe, 1/4" Pipe Lining With Cement.....	132.39	
<i>For 3/8" Thickness, Add</i>	24.94	
<i>For 7/16" Thickness, Add</i>	37.41	
33 01 10 71-0056 LF >1,000' To 5,000', 48" Pipe, 1/4" Pipe Lining With Cement.....	117.58	
<i>For 3/8" Thickness, Add</i>	24.94	
<i>For 7/16" Thickness, Add</i>	37.41	
33 01 10 71-0057 LF >5,000', 48" Pipe, 1/4" Pipe Lining With Cement.....	107.75	
<i>For 3/8" Thickness, Add</i>	24.94	
<i>For 7/16" Thickness, Add</i>	37.41	
33 01 10 71-0058 LF Up To 500', 54" Pipe, 1/4" Pipe Lining With Cement.....	151.06	
<i>For 3/8" Thickness, Add</i>	28.06	
<i>For 7/16" Thickness, Add</i>	42.08	
33 01 10 71-0059 LF >500' To 1,000', 54" Pipe, 1/4" Pipe Lining With Cement.....	140.13	
<i>For 3/8" Thickness, Add</i>	28.06	
<i>For 7/16" Thickness, Add</i>	42.08	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 10 Operation and Maintenance of Water Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	10 71-0060	LF	>1,000' To 5,000', 54" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	124.96 28.06 42.08	
33 01	10 71-0061	LF	>5,000', 54" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	115.53 28.06 42.08	
33 01	10 71-0062	LF	Up To 500', 60" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	159.04 31.18 46.77	
33 01	10 71-0063	LF	>500' To 1,000', 60" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	147.91 31.18 46.77	
33 01	10 71-0064	LF	>1,000' To 5,000', 60" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	132.46 31.18 46.77	
33 01	10 71-0065	LF	>5,000', 60" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	123.31 31.18 46.77	
33 01	10 71-0066	LF	Up To 500', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	167.30 34.30 51.45	
33 01	10 71-0067	LF	>500' To 1,000', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	155.94 34.30 51.45	
33 01	10 71-0068	LF	>1,000' To 5,000', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	140.25 34.30 51.45	
33 01	10 71-0069	LF	>5,000', 66" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	131.77 34.30 51.45	
33 01	10 71-0070	LF	Up To 500', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	175.94 37.42 56.12	
33 01	10 71-0071	LF	>500' To 1,000', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	164.39 37.42 56.12	
33 01	10 71-0072	LF	>1,000' To 5,000', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	148.31 37.42 56.12	
33 01	10 71-0073	LF	>5,000', 72" Pipe, 1/4" Pipe Lining With Cement <i>For 3/8" Thickness, Add</i> <i>For 7/16" Thickness, Add</i>	140.31 37.42 56.12	

33 01 30 Operation and Maintenance of Sewer Utilities (33 01)**33 01 30 11 Television Inspection Of Pipelines (33 01 30)**

Note: Rotating head color camera. Includes all log records and color video tape, DVD or CD.

33 01 30 11-0001 Remote Visual Inspection (RVI) Of Pipe Interior And Culverts (33 01 30 11)**33 01 30 11-0002 Video Camera Set-up (33 01 30 11-0001)**

33 01 30 11-0003	EA	Initial Set Up For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert Note: A "push camera" is a straight view camera at the end of a rigid push rod for 1" to 12" diameter pipes for distances up to 300 feet.	862.92
33 01 30 11-0004	EA	Initial Set Up For "Crawler" Video Camera Inspection, 4" To 30" Diameter Pipe Or Culvert Note: Crawlers are generally remotely operated vehicles (ROVs) for longer distances (over 300') and for larger diameters (4" and larger).	1,725.83
33 01 30 11-0005	EA	Initial Set Up For "Crawler" Video Camera Inspection, >30" Diameter Pipe Or Culvert	2,588.75
33 01 30 11-0006	EA	Re-Set Up/Move For "Push Camera" Video Camera Inspection, 1" To 12" Diameter Pipe Or Culvert	431.46
33 01 30 11-0007	EA	Re-Set Up/Move For "Crawler" Video Camera Inspection, 4" And Larger Diameter Pipe Or Culvert	862.92

33 01 30 11-0008 Video Camera Planning And Analysis Inspection (33 01 30 11-0001)

Note: For pipe interior and culverts.

33 01 30 11-0009	LF	4" To 6" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.19
		<i>For >500 To 1,000, Deduct</i>	-0.22
		<i>For >1,000 To 5,000, Deduct</i>	-0.55
		<i>For >5,000, Deduct</i>	-0.77
33 01 30 11-0010	LF	>6" To 12" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	2.92
		<i>For >500 To 1,000, Deduct</i>	-0.29
		<i>For >1,000 To 5,000, Deduct</i>	-0.73
		<i>For >5,000, Deduct</i>	-1.02
33 01 30 11-0011	LF	>12" To 21" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	3.65
		<i>For >500 To 1,000, Deduct</i>	-0.37
		<i>For >1,000 To 5,000, Deduct</i>	-0.91
		<i>For >5,000, Deduct</i>	-1.28
33 01 30 11-0012	LF	>21" To 30" Diameter Pipe Inspection, Planning/Analysis Phase Note: CCTV inspection of pipe interior.	4.86
		<i>For >500 To 1,000, Deduct</i>	-0.49
		<i>For >1,000 To 5,000, Deduct</i>	-1.22
		<i>For >5,000, Deduct</i>	-1.70

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 11-0013 LF >30" To 42" Diameter Pipe Inspection, Planning/Analysis Phase.....	6.84	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.68	
For >1,000 To 5,000, Deduct	-1.71	
For >5,000, Deduct	-2.39	
33 01 30 11-0014 LF >42" To 60" Diameter Pipe Inspection, Planning/Analysis Phase.....	9.11	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.91	
For >1,000 To 5,000, Deduct	-2.28	
For >5,000, Deduct	-3.19	
33 01 30 11-0015 LF >60" To 72" Diameter Pipe Inspection, Planning/Analysis Phase.....	12.87	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-1.29	
For >1,000 To 5,000, Deduct	-3.22	
For >5,000, Deduct	-4.50	
33 01 30 11-0016 LF >72" To 84" Diameter Pipe Inspection, Planning/Analysis Phase.....	18.23	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-1.82	
For >1,000 To 5,000, Deduct	-4.56	
For >5,000, Deduct	-6.38	
33 01 30 11-0017 Video Camera Pre-Rehab For Pipe Interior And Culverts (33 01 30 11-0001)		
33 01 30 11-0018 LF 4" To 6" Diameter Pipe Inspection, Pre-Rehabilitation Phase	3.24	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.32	
For >1,000 To 5,000, Deduct	-0.81	
For >5,000, Deduct	-1.13	
33 01 30 11-0019 LF >6" To 12" Diameter Pipe Inspection, Pre-Rehabilitation Phase	4.32	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.43	
For >1,000 To 5,000, Deduct	-1.08	
For >5,000, Deduct	-1.51	
33 01 30 11-0020 LF >12" To 21" Diameter Pipe Inspection, Pre-Rehabilitation Phase	5.39	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.54	
For >1,000 To 5,000, Deduct	-1.35	
For >5,000, Deduct	-1.89	
33 01 30 11-0021 LF >21" To 30" Diameter Pipe Inspection, Pre-Rehabilitation Phase	7.19	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.72	
For >1,000 To 5,000, Deduct	-1.80	
For >5,000, Deduct	-2.52	
33 01 30 11-0022 LF >30" To 42" Diameter Pipe Inspection, Pre-Rehabilitation Phase	10.11	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-1.01	
For >1,000 To 5,000, Deduct	-2.53	
For >5,000, Deduct	-3.54	
33 01 30 11-0023 LF >42" To 60" Diameter Pipe Inspection, Pre-Rehabilitation Phase	13.48	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-1.35	
For >1,000 To 5,000, Deduct	-3.37	
For >5,000, Deduct	-4.72	
33 01 30 11-0024 LF >60" To 72" Diameter Pipe Inspection, Pre-Rehabilitation Phase	19.03	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-1.90	
For >1,000 To 5,000, Deduct	-4.76	
For >5,000, Deduct	-6.66	
33 01 30 11-0025 LF >72" To 84" Diameter Pipe Inspection, Pre-Rehabilitation Phase	26.97	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-2.70	
For >1,000 To 5,000, Deduct	-6.74	
For >5,000, Deduct	-9.44	
33 01 30 11-0026 Video Camera Post-Rehab For Pipe Interior And Culverts (33 01 30 11-0001)		
33 01 30 11-0027 LF 4" To 6" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	2.31	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.23	
For >1,000 To 5,000, Deduct	-0.58	
For >5,000, Deduct	-0.81	
33 01 30 11-0028 LF >6" To 12" Diameter Pipe Inspection, Post-Rehabilitation Phase	3.08	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.31	
For >1,000 To 5,000, Deduct	-0.77	
For >5,000, Deduct	-1.08	
33 01 30 11-0029 LF >12" To 21" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	3.85	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.39	
For >1,000 To 5,000, Deduct	-0.96	
For >5,000, Deduct	-1.35	
33 01 30 11-0030 LF >21" To 30" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	5.14	
Note: CCTV inspection of pipe interior.		
For >500 To 1,000, Deduct	-0.51	
For >1,000 To 5,000, Deduct	-1.29	
For >5,000, Deduct	-1.80	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	11-0031	LF	>30" To 42" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	7.22	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.72	
			For >1,000 To 5,000, Deduct	-1.81	
			For >5,000, Deduct	-2.53	
33 01 30	11-0032	LF	>42" To 60" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	9.63	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-0.96	
			For >1,000 To 5,000, Deduct	-2.41	
			For >5,000, Deduct	-3.37	
33 01 30	11-0033	LF	>60" To 72" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	13.60	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-1.36	
			For >1,000 To 5,000, Deduct	-3.40	
			For >5,000, Deduct	-4.76	
33 01 30	11-0034	LF	>72" To 84" Diameter Pipe Inspection, Post-Rehabilitation Phase.....	19.26	
			Note: CCTV inspection of pipe interior.		
			For >500 To 1,000, Deduct	-1.93	
			For >1,000 To 5,000, Deduct	-4.82	
			For >5,000, Deduct	-6.74	
33 01 30 41 Cleaning of Sewers (33 01 30)					
33 01 30	41-0001		Pipe Line Cleaning And Flushing (33 01 30 41)		
			Note: Includes flushing. Owner provided water.		
33 01 30	41-0002		Pipe Line Cleaning (33 01 30 41-0001)		
			Note: Includes removal of all debris/waste. Excludes disposal.		
33 01 30	41-0003		Hydro Jet Set-up And Reinsertion (33 01 30 41-0002)		
			Note: Includes mobilization delivery, set-up, clean-up after use and return.		
33 01 30	41-0004	EA	Initial Set Up And Final Equipment Removal For Up To 8" Jet Cleaning.....	1,329.45	
33 01 30	41-0005	EA	Initial Set Up And Final Equipment Removal For >8" To 12" Jet Cleaning.....	1,994.18	
33 01 30	41-0006	EA	Initial Set Up And Final Equipment Removal For >12" To 30" Jet Cleaning.....	2,658.90	
33 01 30	41-0007	EA	Initial Set Up And Final Equipment Removal For >30" Jet Cleaning.....	3,545.20	
33 01 30	41-0008	EA	Move And Reset Up At Different Access/Location For Up To 8" Jet Cleaning.....	332.36	
33 01 30	41-0009	EA	Move And Reset Up At Different Access/Location For >8" To 12" Jet Cleaning.....	498.54	
33 01 30	41-0010	EA	Move And Reset Up At Different Access/Location For >12" To 30" Jet Cleaning.....	664.73	
33 01 30	41-0011	EA	Move And Reset Up At Different Access/Location For >30" Jet Cleaning.....	830.90	
33 01 30 41-0012 Hydro Jet Cleaning Of Sewer And Water Pipelines (33 01 30 41-0002)					
33 01 30	41-0013	LF	Up To 4" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	3.57	
			For >250 To 500, Deduct	-0.18	
			For >500 To 1,000, Deduct	-0.36	
			For >1,000 To 2,000, Deduct	-0.54	
			For >2,000 To 5,000, Deduct	-0.71	
			For >5,000, Deduct	-0.89	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	2.68	
33 01 30	41-0014	LF	6" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	4.10	
			For >250 To 500, Deduct	-0.21	
			For >500 To 1,000, Deduct	-0.41	
			For >1,000 To 2,000, Deduct	-0.62	
			For >2,000 To 5,000, Deduct	-0.82	
			For >5,000, Deduct	-1.03	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	3.08	
33 01 30	41-0015	LF	8" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	4.82	
			For >250 To 500, Deduct	-0.24	
			For >500 To 1,000, Deduct	-0.48	
			For >1,000 To 2,000, Deduct	-0.72	
			For >2,000 To 5,000, Deduct	-0.96	
			For >5,000, Deduct	-1.21	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	3.62	
33 01 30	41-0016	LF	10" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	5.96	
			For >250 To 500, Deduct	-0.30	
			For >500 To 1,000, Deduct	-0.60	
			For >1,000 To 2,000, Deduct	-0.89	
			For >2,000 To 5,000, Deduct	-1.19	
			For >5,000, Deduct	-1.49	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	4.47	
33 01 30	41-0017	LF	12" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	6.76	
			For >250 To 500, Deduct	-0.34	
			For >500 To 1,000, Deduct	-0.68	
			For >1,000 To 2,000, Deduct	-1.01	
			For >2,000 To 5,000, Deduct	-1.35	
			For >5,000, Deduct	-1.69	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	5.07	
33 01 30	41-0018	LF	>12" To 16" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	7.80	
			For >250 To 500, Deduct	-0.39	
			For >500 To 1,000, Deduct	-0.78	
			For >1,000 To 2,000, Deduct	-1.17	
			For >2,000 To 5,000, Deduct	-1.56	
			For >5,000, Deduct	-1.95	
			For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add	5.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0019 LF >16" To 24" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	9.39	
<i>For >250 To 500, Deduct</i>	-0.47	
<i>For >500 To 1,000, Deduct</i>	-0.94	
<i>For >1,000 To 2,000, Deduct</i>	-1.41	
<i>For >2,000 To 5,000, Deduct</i>	-1.88	
<i>For >5,000, Deduct</i>	-2.35	
<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	7.04	
33 01 30 41-0020 LF >24" To 30" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	10.65	
<i>For >250 To 500, Deduct</i>	-0.53	
<i>For >500 To 1,000, Deduct</i>	-1.07	
<i>For >1,000 To 2,000, Deduct</i>	-1.60	
<i>For >2,000 To 5,000, Deduct</i>	-2.13	
<i>For >5,000, Deduct</i>	-2.66	
<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	7.99	
33 01 30 41-0021 LF >30" To 42" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	12.59	
<i>For >250 To 500, Deduct</i>	-0.63	
<i>For >500 To 1,000, Deduct</i>	-1.26	
<i>For >1,000 To 2,000, Deduct</i>	-1.89	
<i>For >2,000 To 5,000, Deduct</i>	-2.52	
<i>For >5,000, Deduct</i>	-3.15	
<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	9.44	
33 01 30 41-0022 LF >42" To 60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	15.82	
<i>For >250 To 500, Deduct</i>	-0.79	
<i>For >500 To 1,000, Deduct</i>	-1.58	
<i>For >1,000 To 2,000, Deduct</i>	-2.37	
<i>For >2,000 To 5,000, Deduct</i>	-3.16	
<i>For >5,000, Deduct</i>	-3.96	
<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	11.87	
33 01 30 41-0023 LF >60" Diameter Pipe Line Cleaning, Hydro Jetting Method, Light Cleaning - 3 Passes.....	18.47	
<i>For >250 To 500, Deduct</i>	-0.92	
<i>For >500 To 1,000, Deduct</i>	-1.85	
<i>For >1,000 To 2,000, Deduct</i>	-2.77	
<i>For >2,000 To 5,000, Deduct</i>	-3.69	
<i>For >5,000, Deduct</i>	-4.62	
<i>For Heavy Cleaning, >4 Passes (Includes Attached Mechanical Device), Add</i>	13.85	
33 01 30 41-0024 Flushing Of Storm Water Pipelines <small>(33 01 30 41-0002)</small>		
Note: To remove silt and small debris from storm drainage pipes. Excludes disposal.		
33 01 30 41-0025 LF 12" To 16" Diameter Pipe Line Flushing.....	1.33	
<i>For >250 To 500, Deduct</i>	-0.07	
<i>For >500 To 1,000, Deduct</i>	-0.13	
<i>For >1,000 To 2,000, Deduct</i>	-0.20	
<i>For >2,000 To 5,000, Deduct</i>	-0.27	
<i>For >5,000, Deduct</i>	-0.33	
33 01 30 41-0026 LF >16" To 24" Diameter Pipe Line Flushing.....	1.53	
<i>For >250 To 500, Deduct</i>	-0.08	
<i>For >500 To 1,000, Deduct</i>	-0.15	
<i>For >1,000 To 2,000, Deduct</i>	-0.23	
<i>For >2,000 To 5,000, Deduct</i>	-0.31	
<i>For >5,000, Deduct</i>	-0.38	
33 01 30 41-0027 LF >24" To 30" Diameter Pipe Line Flushing.....	1.79	
<i>For >250 To 500, Deduct</i>	-0.09	
<i>For >500 To 1,000, Deduct</i>	-0.18	
<i>For >1,000 To 2,000, Deduct</i>	-0.27	
<i>For >2,000 To 5,000, Deduct</i>	-0.36	
<i>For >5,000, Deduct</i>	-0.45	
33 01 30 41-0028 LF >30" To 42" Diameter Pipe Line Flushing.....	2.06	
<i>For >250 To 500, Deduct</i>	-0.10	
<i>For >500 To 1,000, Deduct</i>	-0.21	
<i>For >1,000 To 2,000, Deduct</i>	-0.31	
<i>For >2,000 To 5,000, Deduct</i>	-0.41	
<i>For >5,000, Deduct</i>	-0.52	
33 01 30 41-0029 LF >42" To 60" Diameter Pipe Line Flushing.....	2.74	
<i>For >250 To 500, Deduct</i>	-0.14	
<i>For >500 To 1,000, Deduct</i>	-0.27	
<i>For >1,000 To 2,000, Deduct</i>	-0.41	
<i>For >2,000 To 5,000, Deduct</i>	-0.55	
<i>For >5,000, Deduct</i>	-0.69	
33 01 30 41-0030 Hydro Jet Cleaning Of Culverts <small>(33 01 30 41-0002)</small>		
33 01 30 41-0031 LF Jet Cleaning Of Culvert, 0-250 LF.....	16.54	
<i>For >250 To 500, Deduct</i>	-0.83	
<i>For >500 To 1,000, Deduct</i>	-1.65	
<i>For >1,000 To 2,000, Deduct</i>	-2.48	
<i>For >2,000 To 5,000, Deduct</i>	-3.31	
<i>For >5,000, Deduct</i>	-4.14	
33 01 30 41-0032 Pipe Line Cleaning, Mechanical Method <small>(33 01 30 41-0001)</small>		
Note: Power winching buckets, scrapers, scooters, porcupines, brushes and other debris removing equipment. Includes removal of all debris/waste. Excludes disposal.		
33 01 30 41-0033 EA Initial Set Up And Final Equipment Removal For Mechanical Cleaning.....	1,156.78	
33 01 30 41-0034 EA Move And Reset Up At Different Access/Location.....	385.59	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01	30 41-0035	LF	Up To 4" Diameter Pipe Line Cleaning, Mechanical Method	6.71	
			<i>For >250 To 500, Deduct</i>	-0.32	
			<i>For >500 To 1,000, Deduct</i>	-0.64	
			<i>For >1,000 To 2,000, Deduct</i>	-0.96	
			<i>For >2,000 To 5,000, Deduct</i>	-1.28	
			<i>For >5,000, Deduct</i>	-1.61	
33 01	30 41-0036	LF	6" Diameter Pipe Line Cleaning, Mechanical Method	8.85	
			<i>For >250 To 500, Deduct</i>	-0.41	
			<i>For >500 To 1,000, Deduct</i>	-0.83	
			<i>For >1,000 To 2,000, Deduct</i>	-1.24	
			<i>For >2,000 To 5,000, Deduct</i>	-1.65	
			<i>For >5,000, Deduct</i>	-2.07	
33 01	30 41-0037	LF	8" Diameter Pipe Line Cleaning, Mechanical Method	10.38	
			<i>For >250 To 500, Deduct</i>	-0.48	
			<i>For >500 To 1,000, Deduct</i>	-0.96	
			<i>For >1,000 To 2,000, Deduct</i>	-1.45	
			<i>For >2,000 To 5,000, Deduct</i>	-1.93	
			<i>For >5,000, Deduct</i>	-2.41	
33 01	30 41-0038	LF	10" Diameter Pipe Line Cleaning, Mechanical Method	12.01	
			<i>For >250 To 500, Deduct</i>	-0.56	
			<i>For >500 To 1,000, Deduct</i>	-1.11	
			<i>For >1,000 To 2,000, Deduct</i>	-1.67	
			<i>For >2,000 To 5,000, Deduct</i>	-2.23	
			<i>For >5,000, Deduct</i>	-2.78	
33 01	30 41-0039	LF	12" Diameter Pipe Line Cleaning, Mechanical Method	13.08	
			<i>For >250 To 500, Deduct</i>	-0.60	
			<i>For >500 To 1,000, Deduct</i>	-1.21	
			<i>For >1,000 To 2,000, Deduct</i>	-1.81	
			<i>For >2,000 To 5,000, Deduct</i>	-2.41	
			<i>For >5,000, Deduct</i>	-3.01	
33 01	30 41-0040	LF	>12" To 16" Diameter Pipe Line Cleaning, Mechanical Method	15.09	
			<i>For >250 To 500, Deduct</i>	-0.69	
			<i>For >500 To 1,000, Deduct</i>	-1.38	
			<i>For >1,000 To 2,000, Deduct</i>	-2.07	
			<i>For >2,000 To 5,000, Deduct</i>	-2.75	
			<i>For >5,000, Deduct</i>	-3.44	
33 01	30 41-0041	LF	>16" To 24" Diameter Pipe Line Cleaning, Mechanical Method	19.08	
			<i>For >250 To 500, Deduct</i>	-0.85	
			<i>For >500 To 1,000, Deduct</i>	-1.70	
			<i>For >1,000 To 2,000, Deduct</i>	-2.55	
			<i>For >2,000 To 5,000, Deduct</i>	-3.40	
			<i>For >5,000, Deduct</i>	-4.26	
33 01	30 41-0042	LF	>24" To 30" Diameter Pipe Line Cleaning, Mechanical Method	21.90	
			<i>For >250 To 500, Deduct</i>	-0.95	
			<i>For >500 To 1,000, Deduct</i>	-1.90	
			<i>For >1,000 To 2,000, Deduct</i>	-2.84	
			<i>For >2,000 To 5,000, Deduct</i>	-3.79	
			<i>For >5,000, Deduct</i>	-4.74	
33 01	30 41-0043	LF	>30" To 42" Diameter Pipe Line Cleaning, Mechanical Method	25.51	
			<i>For >250 To 500, Deduct</i>	-1.09	
			<i>For >500 To 1,000, Deduct</i>	-2.18	
			<i>For >1,000 To 2,000, Deduct</i>	-3.27	
			<i>For >2,000 To 5,000, Deduct</i>	-4.37	
			<i>For >5,000, Deduct</i>	-5.46	
33 01	30 41-0044	LF	>42 To 60" Diameter Pipe Line Cleaning, Mechanical Method	33.33	
			<i>For >250 To 500, Deduct</i>	-1.45	
			<i>For >500 To 1,000, Deduct</i>	-2.89	
			<i>For >1,000 To 2,000, Deduct</i>	-4.34	
			<i>For >2,000 To 5,000, Deduct</i>	-5.78	
			<i>For >5,000, Deduct</i>	-7.23	
33 01	30 41-0045	LF	>60" Diameter Pipe Line Cleaning, Mechanical Method	38.02	
			<i>For >250 To 500, Deduct</i>	-1.61	
			<i>For >500 To 1,000, Deduct</i>	-3.21	
			<i>For >1,000 To 2,000, Deduct</i>	-4.82	
			<i>For >2,000 To 5,000, Deduct</i>	-6.43	
			<i>For >5,000, Deduct</i>	-8.04	
33 01	30 41-0046		Pipe Line Auguring/Rod Out Pipe (33 01 30 41-0001)		
33 01	30 41-0047	EA	Initial Set Up And Final Equipment Removal For Auguring	1,156.78	
33 01	30 41-0048	EA	Move And Reset Up At Different Location	385.59	
33 01	30 41-0049	LF	Up To 4" Diameter Pipe Line Auguring/Rod Out	3.85	
			<i>For >250 To 500, Deduct</i>	-0.19	
			<i>For >500 To 1,000, Deduct</i>	-0.39	
			<i>For >1,000 To 2,000, Deduct</i>	-0.58	
			<i>For >2,000 To 5,000, Deduct</i>	-0.77	
			<i>For >5,000, Deduct</i>	-0.96	
33 01	30 41-0050	LF	6" Diameter Pipe Line Auguring/Rod Out	4.98	
			<i>For >250 To 500, Deduct</i>	-0.25	
			<i>For >500 To 1,000, Deduct</i>	-0.50	
			<i>For >1,000 To 2,000, Deduct</i>	-0.75	
			<i>For >2,000 To 5,000, Deduct</i>	-1.00	
			<i>For >5,000, Deduct</i>	-1.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 41-0051 LF 8" Diameter Pipe Line Auguring/Rod Out	5.78	
<i>For >250 To 500, Deduct</i>	-0.29	
<i>For >500 To 1,000, Deduct</i>	-0.58	
<i>For >1,000 To 2,000, Deduct</i>	-0.87	
<i>For >2,000 To 5,000, Deduct</i>	-1.16	
<i>For >5,000, Deduct</i>	-1.45	
33 01 30 41-0052 LF 10" Diameter Pipe Line Auguring/Rod Out	6.73	
<i>For >250 To 500, Deduct</i>	-0.34	
<i>For >500 To 1,000, Deduct</i>	-0.67	
<i>For >1,000 To 2,000, Deduct</i>	-1.01	
<i>For >2,000 To 5,000, Deduct</i>	-1.35	
<i>For >5,000, Deduct</i>	-1.68	
33 01 30 41-0053 LF 12" Diameter Pipe Line Auguring/Rod Out	7.23	
<i>For >250 To 500, Deduct</i>	-0.36	
<i>For >500 To 1,000, Deduct</i>	-0.72	
<i>For >1,000 To 2,000, Deduct</i>	-1.08	
<i>For >2,000 To 5,000, Deduct</i>	-1.45	
<i>For >5,000, Deduct</i>	-1.81	
33 01 30 41-0054 LF >12" To 16" Diameter Pipe Line Auguring/Rod Out	8.26	
<i>For >250 To 500, Deduct</i>	-0.41	
<i>For >500 To 1,000, Deduct</i>	-0.83	
<i>For >1,000 To 2,000, Deduct</i>	-1.24	
<i>For >2,000 To 5,000, Deduct</i>	-1.65	
<i>For >5,000, Deduct</i>	-2.07	
33 01 30 41-0055 LF >16" To 24" Diameter Pipe Line Auguring/Rod Out	10.15	
<i>For >250 To 500, Deduct</i>	-0.51	
<i>For >500 To 1,000, Deduct</i>	-1.02	
<i>For >1,000 To 2,000, Deduct</i>	-1.52	
<i>For >2,000 To 5,000, Deduct</i>	-2.03	
<i>For >5,000, Deduct</i>	-2.54	
33 01 30 41-0056 LF >24" To 30" Diameter Pipe Line Auguring/Rod Out	11.34	
<i>For >250 To 500, Deduct</i>	-0.57	
<i>For >500 To 1,000, Deduct</i>	-1.13	
<i>For >1,000 To 2,000, Deduct</i>	-1.70	
<i>For >2,000 To 5,000, Deduct</i>	-2.27	
<i>For >5,000, Deduct</i>	-2.84	
33 01 30 41-0057 LF >30" To 42" Diameter Pipe Line Auguring/Rod Out	13.14	
<i>For >250 To 500, Deduct</i>	-0.66	
<i>For >500 To 1,000, Deduct</i>	-1.31	
<i>For >1,000 To 2,000, Deduct</i>	-1.97	
<i>For >2,000 To 5,000, Deduct</i>	-2.63	
<i>For >5,000, Deduct</i>	-3.29	
33 01 30 41-0058 LF >42 To 60" Diameter Pipe Line Auguring/Rod Out	18.08	
<i>For >250 To 500, Deduct</i>	-0.90	
<i>For >500 To 1,000, Deduct</i>	-1.81	
<i>For >1,000 To 2,000, Deduct</i>	-2.71	
<i>For >2,000 To 5,000, Deduct</i>	-3.62	
<i>For >5,000, Deduct</i>	-4.52	
33 01 30 41-0059 LF >60" Diameter Pipe Line Auguring/Rod Out	19.28	
<i>For >250 To 500, Deduct</i>	-0.96	
<i>For >500 To 1,000, Deduct</i>	-1.93	
<i>For >1,000 To 2,000, Deduct</i>	-2.89	
<i>For >2,000 To 5,000, Deduct</i>	-3.86	
<i>For >5,000, Deduct</i>	-4.82	

33 01 30 42 Cleaning of Manholes (33 01 30)

33 01 30 42-0001 Structure Cleaning And Flushing (33 01 30 42)
 Note: Includes flushing. Owner provided water.

33 01 30 42-0002 Rod Out Structures And Other Hand Operations (33 01 30 42-0001)

33 01 30 42-0003 EA Rod Out Waste Water Drain	48.15
33 01 30 42-0004 EA Rod Out Sewer Catch Basin	96.29
33 01 30 42-0005 EA Up To 6" Diameter Pipe, Rod Out Blockage	19.26
33 01 30 42-0006 EA 8" Diameter Pipe, Rod Out Blockage	21.19
33 01 30 42-0007 EA 10" Diameter Pipe, Rod Out Blockage	24.08
33 01 30 42-0008 EA 12" Diameter Pipe, Rod Out Blockage	27.92
33 01 30 42-0009 EA >12" To 16" Diameter Pipe, Rod Out Blockage	32.74
33 01 30 42-0010 EA >16" To 24" Diameter Pipe, Rod Out Blockage	38.51
33 01 30 42-0011 EA >24" To 30" Diameter Pipe, Rod Out Blockage	45.26
33 01 30 42-0012 EA >30" To 42" Diameter Pipe, Rod Out Blockage	52.00
33 01 30 42-0013 EA >42" To 60" Diameter Pipe, Rod Out Blockage	60.67
33 01 30 42-0014 EA >60" Diameter Pipe, Rod Out Blockage	72.22
33 01 30 42-0015 EA Clean Out Debris From Entrance To Inlet Structure	240.73
33 01 30 42-0016 EA 3' To 4' Diameter, Clean Out Blocked Manhole By Hand	821.97
<i>For >10 To 100, Deduct</i>	-123.30
<i>For >100 To 250, Deduct</i>	-184.94
<i>For >250, Deduct</i>	-246.59
33 01 30 42-0017 EA 5' To 6' Diameter, Clean Out Blocked Manhole By Hand	986.35
<i>For >10 To 100, Deduct</i>	-147.95
<i>For >100 To 250, Deduct</i>	-221.93
<i>For >250, Deduct</i>	-295.91
33 01 30 42-0018 EA Clean Out Blocked Catch Basin By Hand	493.18
<i>For >10 To 100, Deduct</i>	-73.98
<i>For >100 To 250, Deduct</i>	-110.97
<i>For >250, Deduct</i>	-147.95

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 42-0019	Cleaning Manholes And Drainage Structures With Jet/Vacuum <small>(33 01 30 42-0001)</small>		
	Note: Includes the removal of debris with high pressure water jetting and vacuum equipment and cleaning of grate. Excludes hardened concrete debris and disposal of material.		
33 01 30 42-0020	EA Jet/Vacuum Clean 1 To 2 Catch Basins Or Manholes.....	280.08	
33 01 30 42-0021	EA Jet/Vacuum Clean 3 To 10 Catch Basins Or Manholes.....	260.25	
33 01 30 42-0022	EA Jet/Vacuum Clean 11 To 25 Catch Basins Or Manholes.....	240.41	
33 01 30 42-0023	EA Jet/Vacuum Clean 26 To 100 Catch Basins Or Manholes.....	220.59	
33 01 30 42-0024	EA Jet/Vacuum Clean 101 To 250 Catch Basins Or Manholes.....	200.76	
33 01 30 42-0025	EA Jet/Vacuum Clean >250 Catch Basins Or Manholes.....	180.92	

33 01 30 51 Maintenance of Utilities (33 01 30)

33 01 30 51-0001	Pipe Repair <small>(33 01 30 51)</small>		
	Note: Excludes excavation and backfill where required See CSI section 31 23 00 00-0000 for excavation and backfill.		
33 01 30 51-0002	Pipe Repair Clamp, Full Circle, Single Band <small>(33 01 30 51-0001)</small>		
	Note: Repair clamps for asbestos cement pipe, cast iron soil pipe, non-reinforced concrete pipe, PVC pipe, vitrified clay pipe, gray iron pipe and ductile iron pipe.		
33 01 30 51-0003	EA 2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	125.10	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	20.64	
33 01 30 51-0004	EA 2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	178.09	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	31.10	
33 01 30 51-0005	EA 2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	205.88	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	36.63	
33 01 30 51-0006	EA 2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	234.64	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	42.14	
33 01 30 51-0007	EA 2-1/2" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	134.96	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	22.41	
33 01 30 51-0008	EA 2-1/2" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	189.32	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	33.19	
33 01 30 51-0009	EA 2-1/2" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	217.07	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	38.59	
33 01 30 51-0010	EA 2-1/2" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	250.96	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	45.15	
33 01 30 51-0011	EA 3" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	145.20	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	24.52	
33 01 30 51-0012	EA 3" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	196.95	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	34.70	
33 01 30 51-0013	EA 3" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	227.80	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	40.68	
33 01 30 51-0014	EA 3" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	265.73	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	48.30	
33 01 30 51-0015	EA 4" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	163.64	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	27.88	
33 01 30 51-0016	EA 4" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	216.26	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	37.53	
33 01 30 51-0017	EA 4" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	262.29	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	45.68	
33 01 30 51-0018	EA 4" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	316.00	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	55.11	
33 01 30 51-0019	EA 4" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	413.50	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	74.02	
33 01 30 51-0020	EA 4" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	514.58	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	92.93	
33 01 30 51-0021	EA 4" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	627.89	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	113.99	
33 01 30 51-0022	EA 6" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	192.39	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	32.90	
33 01 30 51-0023	EA 6" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	255.72	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	44.63	
33 01 30 51-0024	EA 6" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	302.83	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	52.62	
33 01 30 51-0025	EA 6" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	354.70	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	61.15	
33 01 30 51-0026	EA 6" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	491.86	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	88.61	
33 01 30 51-0027	EA 6" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	598.11	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	108.06	
33 01 30 51-0028	EA 6" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	714.39	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	129.12	
33 01 30 51-0029	EA 8" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	250.08	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	39.36	
33 01 30 51-0030	EA 8" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	325.14	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	52.08	
33 01 30 51-0031	EA 8" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	392.46	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	63.02	
33 01 30 51-0032	EA 8" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	468.65	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	75.10	
33 01 30 51-0033	EA 8" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	623.11	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	104.04	
33 01 30 51-0034	EA 8" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226).....	745.24	
	<i>For Stainless Steel Nuts And Bolts, Add</i>	124.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0035 EA 8" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	882.43 146.43	
33 01 30 51-0036 EA 10" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	293.16 47.90	
33 01 30 51-0037 EA 10" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	394.19 66.26	
33 01 30 51-0038 EA 10" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	464.16 77.47	
33 01 30 51-0039 EA 10" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	569.61 95.82	
33 01 30 51-0040 EA 10" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	748.67 129.97	
33 01 30 51-0041 EA 10" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	851.69 145.27	
33 01 30 51-0042 EA 10" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,096.80 191.65	
33 01 30 51-0043 EA 12" Diameter, 7-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	333.62 54.03	
33 01 30 51-0044 EA 12" Diameter, 10" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	435.82 71.86	
33 01 30 51-0045 EA 12" Diameter, 12-1/2" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	526.12 86.96	
33 01 30 51-0046 EA 12" Diameter, 15" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	647.46 108.06	
33 01 30 51-0047 EA 12" Diameter, 20" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	833.73 142.72	
33 01 30 51-0048 EA 12" Diameter, 25" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	980.28 166.67	
33 01 30 51-0049 EA 12" Diameter, 30" Long, Pipe Repair Clamp, Single Band With Alloy Bolts And Nuts (Smith-Blair 226) <i>For Stainless Steel Nuts And Bolts, Add</i>	1,246.55 216.11	
33 01 30 51-0050 Pipe Repair Clamp, Full Circle, Double Bands <small>(33 01 30 51-0001)</small>		
Note: Repair clamps for reinforced concrete pipe, gray iron pipe and ductile iron pipe.		
33 01 30 51-0051 EA 14.38" To 15.13" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	745.68 207.89	
33 01 30 51-0052 EA 14.38" To 15.13" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,057.69 300.12	
33 01 30 51-0053 EA 14.38" To 15.13" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,424.55 407.00	
33 01 30 51-0054 EA 14.38" To 15.13" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	2,099.81 613.43	
33 01 30 51-0055 EA 15.07" To 15.82" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	782.68 218.12	
33 01 30 51-0056 EA 15.07" To 15.82" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,107.19 314.03	
33 01 30 51-0057 EA 15.07" To 15.82" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,487.56 424.56	
33 01 30 51-0058 EA 15.07" To 15.82" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	2,201.18 642.70	
33 01 30 51-0059 EA 15.92" To 16.67" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	802.53 222.53	
33 01 30 51-0060 EA 15.92" To 16.67" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,133.32 319.90	
33 01 30 51-0061 EA 15.92" To 16.67" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,526.42 434.08	
33 01 30 51-0062 EA 15.92" To 16.67" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	2,256.87 656.60	
33 01 30 51-0063 EA 16.56" To 17.31" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	823.35 226.92	
33 01 30 51-0064 EA 16.56" To 17.31" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,163.07 326.48	
33 01 30 51-0065 EA 16.56" To 17.31" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	1,563.91 442.13	
33 01 30 51-0066 EA 16.56" To 17.31" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	2,312.42 669.79	
33 01 30 51-0067 EA 17.15" To 17.90" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228)..... <i>For Stainless Steel Nuts And Bolts, Add</i>	842.04 230.58	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 51-0068	EA		17.15" To 17.90" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	1,188.47	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	331.60	
33 01 30 51-0069	EA		17.15" To 17.90" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	1,601.39	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	450.18	
33 01 30 51-0070	EA		17.15" To 17.90" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	2,362.50	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	680.76	
33 01 30 51-0071	EA		17.82" To 18.57" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	859.72	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	234.25	
33 01 30 51-0072	EA		17.82" To 18.57" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	1,214.59	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	337.45	
33 01 30 51-0073	EA		17.82" To 18.57" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	1,634.79	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	457.50	
33 01 30 51-0074	EA		17.82" To 18.57" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	2,394.40	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	686.25	
33 01 30 51-0075	EA		18.46" To 19.21" OD Diameter Pipe, 10" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	880.03	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	238.81	
33 01 30 51-0076	EA		18.46" To 19.21" OD Diameter Pipe, 15" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	1,245.49	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	344.77	
33 01 30 51-0077	EA		18.46" To 19.21" OD Diameter Pipe, 20" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	1,670.29	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	465.55	
33 01 30 51-0078	EA		18.46" To 19.21" OD Diameter Pipe, 30" Long, Pipe Repair Clamp, Double Bands With Alloy Bolts And Nuts (Smith-Blair 228).....	2,466.29	
			<i>For Stainless Steel Nuts And Bolts, Add</i>	705.65	
33 01 30 51-0079			Polyseal Pipe Coupler (33 01 30 51-0001)		
33 01 30 51-0080	EA		18" Diameter Pipe, PolySeal Repair Couplers (MarMac).....	317.00	
33 01 30 51-0081	EA		24" Diameter Pipe, PolySeal Repair Couplers (MarMac).....	357.71	
33 01 30 71			Relining Sewers (33 01 30)		
33 01 30 71-0001			Relining Underground Pipelines (33 01 30 71) Note: Excludes CCTV inspection, sewer cleaning, pavement both temporary and permanent, emergency after hours response for homeowners backups. See CSI section 32 01 17 63-0000 for temporary pavement, 32 12 16 00-0000 for permanent pavement, 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.		
33 01 30 71-0002			Lining Pipe, Spray Applied With Structural Polyurethane (33 01 30 71-0001) Note: Two part structural polyurethane.		
33 01 30 71-0003			Mobilization And Setup For Spray Applied Structural Polyurethane Lining (33 01 30 71-0002)		
33 01 30 71-0004	EA		Initial Set Up And Final Equipment Removal For Spray Applied Structural Polyurethane Lining.....	1,723.17	
33 01 30 71-0005			Lining Pipe, Spray Applied With 100 mil Structural Polyurethane (33 01 30 71-0002) Note: Two part structural polyurethane.		
33 01 30 71-0006	LF		36" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	57.00	
			<i>For Up To 75, Add</i>	12.33	
			<i>For >75 To 150, Add</i>	5.70	
			<i>For >500 To 1,000, Deduct</i>	-1.51	
			<i>For >1,000 To 2,000, Deduct</i>	-2.93	
			<i>For >2,000 To 5,000, Deduct</i>	-4.53	
			<i>For >5,000, Deduct</i>	-6.63	
33 01 30 71-0007	LF		42" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	66.50	
			<i>For Up To 75, Add</i>	14.38	
			<i>For >75 To 150, Add</i>	6.65	
			<i>For >500 To 1,000, Deduct</i>	-1.76	
			<i>For >1,000 To 2,000, Deduct</i>	-3.42	
			<i>For >2,000 To 5,000, Deduct</i>	-5.29	
			<i>For >5,000, Deduct</i>	-7.73	
33 01 30 71-0008	LF		48" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	76.01	
			<i>For Up To 75, Add</i>	16.44	
			<i>For >75 To 150, Add</i>	7.60	
			<i>For >500 To 1,000, Deduct</i>	-2.02	
			<i>For >1,000 To 2,000, Deduct</i>	-3.91	
			<i>For >2,000 To 5,000, Deduct</i>	-6.05	
			<i>For >5,000, Deduct</i>	-8.84	
33 01 30 71-0009	LF		54" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	85.51	
			<i>For Up To 75, Add</i>	18.50	
			<i>For >75 To 150, Add</i>	8.55	
			<i>For >500 To 1,000, Deduct</i>	-2.27	
			<i>For >1,000 To 2,000, Deduct</i>	-4.40	
			<i>For >2,000 To 5,000, Deduct</i>	-6.80	
			<i>For >5,000, Deduct</i>	-9.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0010 LF 60" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	95.01	
<i>For Up To 75, Add</i>	20.55	
<i>For >75 To 150, Add</i>	9.50	
<i>For >500 To 1,000, Deduct</i>	-2.52	
<i>For >1,000 To 2,000, Deduct</i>	-4.88	
<i>For >2,000 To 5,000, Deduct</i>	-7.56	
<i>For >5,000, Deduct</i>	-11.05	
33 01 30 71-0011 LF 66" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	104.51	
<i>For Up To 75, Add</i>	22.61	
<i>For >75 To 150, Add</i>	10.45	
<i>For >500 To 1,000, Deduct</i>	-2.77	
<i>For >1,000 To 2,000, Deduct</i>	-5.37	
<i>For >2,000 To 5,000, Deduct</i>	-8.32	
<i>For >5,000, Deduct</i>	-12.16	
33 01 30 71-0012 LF 72" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	114.02	
<i>For Up To 75, Add</i>	24.66	
<i>For >75 To 150, Add</i>	11.40	
<i>For >500 To 1,000, Deduct</i>	-3.02	
<i>For >1,000 To 2,000, Deduct</i>	-5.86	
<i>For >2,000 To 5,000, Deduct</i>	-9.07	
<i>For >5,000, Deduct</i>	-13.26	
33 01 30 71-0013 LF 78" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	123.51	
<i>For Up To 75, Add</i>	26.72	
<i>For >75 To 150, Add</i>	12.35	
<i>For >500 To 1,000, Deduct</i>	-3.28	
<i>For >1,000 To 2,000, Deduct</i>	-6.35	
<i>For >2,000 To 5,000, Deduct</i>	-9.83	
<i>For >5,000, Deduct</i>	-14.36	
33 01 30 71-0014 LF 84" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	133.02	
<i>For Up To 75, Add</i>	28.77	
<i>For >75 To 150, Add</i>	13.30	
<i>For >500 To 1,000, Deduct</i>	-3.53	
<i>For >1,000 To 2,000, Deduct</i>	-6.84	
<i>For >2,000 To 5,000, Deduct</i>	-10.58	
<i>For >5,000, Deduct</i>	-15.47	
33 01 30 71-0015 LF 90" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	142.52	
<i>For Up To 75, Add</i>	30.83	
<i>For >75 To 150, Add</i>	14.25	
<i>For >500 To 1,000, Deduct</i>	-3.78	
<i>For >1,000 To 2,000, Deduct</i>	-7.33	
<i>For >2,000 To 5,000, Deduct</i>	-11.34	
<i>For >5,000, Deduct</i>	-16.58	
33 01 30 71-0016 LF 96" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	152.02	
<i>For Up To 75, Add</i>	32.88	
<i>For >75 To 150, Add</i>	15.20	
<i>For >500 To 1,000, Deduct</i>	-4.03	
<i>For >1,000 To 2,000, Deduct</i>	-7.82	
<i>For >2,000 To 5,000, Deduct</i>	-12.10	
<i>For >5,000, Deduct</i>	-17.68	
33 01 30 71-0017 LF 102" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	161.51	
<i>For Up To 75, Add</i>	34.94	
<i>For >75 To 150, Add</i>	16.15	
<i>For >500 To 1,000, Deduct</i>	-4.28	
<i>For >1,000 To 2,000, Deduct</i>	-8.30	
<i>For >2,000 To 5,000, Deduct</i>	-12.85	
<i>For >5,000, Deduct</i>	-18.78	
33 01 30 71-0018 LF 108" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	171.02	
<i>For Up To 75, Add</i>	36.99	
<i>For >75 To 150, Add</i>	17.10	
<i>For >500 To 1,000, Deduct</i>	-4.54	
<i>For >1,000 To 2,000, Deduct</i>	-8.79	
<i>For >2,000 To 5,000, Deduct</i>	-13.61	
<i>For >5,000, Deduct</i>	-19.89	
33 01 30 71-0019 LF 114" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	180.52	
<i>For Up To 75, Add</i>	39.05	
<i>For >75 To 150, Add</i>	18.05	
<i>For >500 To 1,000, Deduct</i>	-4.79	
<i>For >1,000 To 2,000, Deduct</i>	-9.28	
<i>For >2,000 To 5,000, Deduct</i>	-14.36	
<i>For >5,000, Deduct</i>	-21.00	
33 01 30 71-0020 LF 120" Diameter Pipe Lining, Spray Applied With 100 mil Structural Polyurethane	190.02	
<i>For Up To 75, Add</i>	41.10	
<i>For >75 To 150, Add</i>	19.00	
<i>For >500 To 1,000, Deduct</i>	-5.04	
<i>For >1,000 To 2,000, Deduct</i>	-9.77	
<i>For >2,000 To 5,000, Deduct</i>	-15.12	
<i>For >5,000, Deduct</i>	-22.10	
33 01 30 71-0021 SF Structure Lining, Spray Applied With 100 mil Structural Polyurethane	6.05	

33 01 30 71-0022 Lining Pipe, Spray Applied With 150 mil Structural Polyurethane (33 01 30 71-0002)
 Note: Two part structural polyurethane.

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0023 LF 36" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	77.22	
For Up To 75, Add	16.42	
For >75 To 150, Add	7.72	
For >500 To 1,000, Deduct	-1.94	
For >1,000 To 2,000, Deduct	-3.77	
For >2,000 To 5,000, Deduct	-5.81	
For >5,000, Deduct	-8.70	
33 01 30 71-0024 LF 42" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	90.09	
For Up To 75, Add	19.16	
For >75 To 150, Add	9.01	
For >500 To 1,000, Deduct	-2.26	
For >1,000 To 2,000, Deduct	-4.40	
For >2,000 To 5,000, Deduct	-6.77	
For >5,000, Deduct	-10.15	
33 01 30 71-0025 LF 48" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	102.97	
For Up To 75, Add	21.90	
For >75 To 150, Add	10.30	
For >500 To 1,000, Deduct	-2.58	
For >1,000 To 2,000, Deduct	-5.03	
For >2,000 To 5,000, Deduct	-7.74	
For >5,000, Deduct	-11.60	
33 01 30 71-0026 LF 54" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	115.85	
For Up To 75, Add	24.64	
For >75 To 150, Add	11.59	
For >500 To 1,000, Deduct	-2.90	
For >1,000 To 2,000, Deduct	-5.66	
For >2,000 To 5,000, Deduct	-8.71	
For >5,000, Deduct	-13.05	
33 01 30 71-0027 LF 60" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	128.72	
For Up To 75, Add	27.37	
For >75 To 150, Add	12.87	
For >500 To 1,000, Deduct	-3.23	
For >1,000 To 2,000, Deduct	-6.29	
For >2,000 To 5,000, Deduct	-9.68	
For >5,000, Deduct	-14.50	
33 01 30 71-0028 LF 66" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	141.59	
For Up To 75, Add	30.11	
For >75 To 150, Add	14.16	
For >500 To 1,000, Deduct	-3.55	
For >1,000 To 2,000, Deduct	-6.92	
For >2,000 To 5,000, Deduct	-10.65	
For >5,000, Deduct	-15.95	
33 01 30 71-0029 LF 72" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	154.46	
For Up To 75, Add	32.85	
For >75 To 150, Add	15.45	
For >500 To 1,000, Deduct	-3.87	
For >1,000 To 2,000, Deduct	-7.55	
For >2,000 To 5,000, Deduct	-11.62	
For >5,000, Deduct	-17.40	
33 01 30 71-0030 LF 78" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	167.33	
For Up To 75, Add	35.59	
For >75 To 150, Add	16.73	
For >500 To 1,000, Deduct	-4.19	
For >1,000 To 2,000, Deduct	-8.18	
For >2,000 To 5,000, Deduct	-12.58	
For >5,000, Deduct	-18.85	
33 01 30 71-0031 LF 84" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	180.20	
For Up To 75, Add	38.32	
For >75 To 150, Add	18.02	
For >500 To 1,000, Deduct	-4.52	
For >1,000 To 2,000, Deduct	-8.81	
For >2,000 To 5,000, Deduct	-13.55	
For >5,000, Deduct	-20.30	
33 01 30 71-0032 LF 90" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	193.07	
For Up To 75, Add	41.06	
For >75 To 150, Add	19.31	
For >500 To 1,000, Deduct	-4.84	
For >1,000 To 2,000, Deduct	-9.43	
For >2,000 To 5,000, Deduct	-14.52	
For >5,000, Deduct	-21.75	
33 01 30 71-0033 LF 96" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	205.95	
For Up To 75, Add	43.80	
For >75 To 150, Add	20.60	
For >500 To 1,000, Deduct	-5.16	
For >1,000 To 2,000, Deduct	-10.06	
For >2,000 To 5,000, Deduct	-15.49	
For >5,000, Deduct	-23.20	
33 01 30 71-0034 LF 102" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	218.82	
For Up To 75, Add	46.54	
For >75 To 150, Add	21.88	
For >500 To 1,000, Deduct	-5.49	
For >1,000 To 2,000, Deduct	-10.69	
For >2,000 To 5,000, Deduct	-16.46	
For >5,000, Deduct	-24.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0035 LF 108" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	231.69	
<i>For Up To 75, Add</i>	49.27	
<i>For >75 To 150, Add</i>	23.17	
<i>For >500 To 1,000, Deduct</i>	-5.81	
<i>For >1,000 To 2,000, Deduct</i>	-11.32	
<i>For >2,000 To 5,000, Deduct</i>	-17.42	
<i>For >5,000, Deduct</i>	-26.10	
33 01 30 71-0036 LF 114" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	244.56	
<i>For Up To 75, Add</i>	52.01	
<i>For >75 To 150, Add</i>	24.46	
<i>For >500 To 1,000, Deduct</i>	-6.13	
<i>For >1,000 To 2,000, Deduct</i>	-11.95	
<i>For >2,000 To 5,000, Deduct</i>	-18.39	
<i>For >5,000, Deduct</i>	-27.55	
33 01 30 71-0037 LF 120" Diameter Pipe Lining, Spray Applied With 150 mil Structural Polyurethane	257.43	
<i>For Up To 75, Add</i>	54.75	
<i>For >75 To 150, Add</i>	25.74	
<i>For >500 To 1,000, Deduct</i>	-6.45	
<i>For >1,000 To 2,000, Deduct</i>	-12.58	
<i>For >2,000 To 5,000, Deduct</i>	-19.36	
<i>For >5,000, Deduct</i>	-29.00	
33 01 30 71-0038 SF Structure Lining, Spray Applied With 150 mil Structural Polyurethane	8.20	
33 01 30 71-0039 Lining Pipe, Spray Applied With 200 mil Structural Polyurethane <small>(33 01 30 71-0002)</small>		
Note: Two part structural polyurethane.		
33 01 30 71-0040 LF 36" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	97.43	
<i>For Up To 75, Add</i>	20.52	
<i>For >75 To 150, Add</i>	9.74	
<i>For >500 To 1,000, Deduct</i>	-2.36	
<i>For >1,000 To 2,000, Deduct</i>	-4.62	
<i>For >2,000 To 5,000, Deduct</i>	-7.08	
<i>For >5,000, Deduct</i>	-10.77	
33 01 30 71-0041 LF 42" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	113.67	
<i>For Up To 75, Add</i>	23.94	
<i>For >75 To 150, Add</i>	11.37	
<i>For >500 To 1,000, Deduct</i>	-2.75	
<i>For >1,000 To 2,000, Deduct</i>	-5.39	
<i>For >2,000 To 5,000, Deduct</i>	-8.26	
<i>For >5,000, Deduct</i>	-12.57	
33 01 30 71-0042 LF 48" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	129.91	
<i>For Up To 75, Add</i>	27.36	
<i>For >75 To 150, Add</i>	12.99	
<i>For >500 To 1,000, Deduct</i>	-3.15	
<i>For >1,000 To 2,000, Deduct</i>	-6.16	
<i>For >2,000 To 5,000, Deduct</i>	-9.44	
<i>For >5,000, Deduct</i>	-14.36	
33 01 30 71-0043 LF 54" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	146.16	
<i>For Up To 75, Add</i>	30.78	
<i>For >75 To 150, Add</i>	14.62	
<i>For >500 To 1,000, Deduct</i>	-3.54	
<i>For >1,000 To 2,000, Deduct</i>	-6.93	
<i>For >2,000 To 5,000, Deduct</i>	-10.62	
<i>For >5,000, Deduct</i>	-16.16	
33 01 30 71-0044 LF 60" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	162.38	
<i>For Up To 75, Add</i>	34.19	
<i>For >75 To 150, Add</i>	16.24	
<i>For >500 To 1,000, Deduct</i>	-3.93	
<i>For >1,000 To 2,000, Deduct</i>	-7.70	
<i>For >2,000 To 5,000, Deduct</i>	-11.80	
<i>For >5,000, Deduct</i>	-17.95	
33 01 30 71-0045 LF 66" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	178.63	
<i>For Up To 75, Add</i>	37.61	
<i>For >75 To 150, Add</i>	17.86	
<i>For >500 To 1,000, Deduct</i>	-4.33	
<i>For >1,000 To 2,000, Deduct</i>	-8.47	
<i>For >2,000 To 5,000, Deduct</i>	-12.98	
<i>For >5,000, Deduct</i>	-19.75	
33 01 30 71-0046 LF 72" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	194.87	
<i>For Up To 75, Add</i>	41.03	
<i>For >75 To 150, Add</i>	19.49	
<i>For >500 To 1,000, Deduct</i>	-4.72	
<i>For >1,000 To 2,000, Deduct</i>	-9.24	
<i>For >2,000 To 5,000, Deduct</i>	-14.16	
<i>For >5,000, Deduct</i>	-21.55	
33 01 30 71-0047 LF 78" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	211.10	
<i>For Up To 75, Add</i>	44.45	
<i>For >75 To 150, Add</i>	21.11	
<i>For >500 To 1,000, Deduct</i>	-5.11	
<i>For >1,000 To 2,000, Deduct</i>	-10.01	
<i>For >2,000 To 5,000, Deduct</i>	-15.34	
<i>For >5,000, Deduct</i>	-23.34	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0048	LF		84" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	227.35	
			<i>For Up To 75, Add</i>	47.87	
			<i>For >75 To 150, Add</i>	22.74	
			<i>For >500 To 1,000, Deduct</i>	-5.51	
			<i>For >1,000 To 2,000, Deduct</i>	-10.78	
			<i>For >2,000 To 5,000, Deduct</i>	-16.52	
			<i>For >5,000, Deduct</i>	-25.14	
33 01 30 71-0049	LF		90" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	243.57	
			<i>For Up To 75, Add</i>	51.29	
			<i>For >75 To 150, Add</i>	24.36	
			<i>For >500 To 1,000, Deduct</i>	-5.90	
			<i>For >1,000 To 2,000, Deduct</i>	-11.54	
			<i>For >2,000 To 5,000, Deduct</i>	-17.70	
			<i>For >5,000, Deduct</i>	-26.93	
33 01 30 71-0050	LF		96" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	259.83	
			<i>For Up To 75, Add</i>	54.71	
			<i>For >75 To 150, Add</i>	25.98	
			<i>For >500 To 1,000, Deduct</i>	-6.30	
			<i>For >1,000 To 2,000, Deduct</i>	-12.32	
			<i>For >2,000 To 5,000, Deduct</i>	-18.89	
			<i>For >5,000, Deduct</i>	-28.73	
33 01 30 71-0051	LF		102" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	276.06	
			<i>For Up To 75, Add</i>	58.13	
			<i>For >75 To 150, Add</i>	27.61	
			<i>For >500 To 1,000, Deduct</i>	-6.69	
			<i>For >1,000 To 2,000, Deduct</i>	-13.09	
			<i>For >2,000 To 5,000, Deduct</i>	-20.07	
			<i>For >5,000, Deduct</i>	-30.52	
33 01 30 71-0052	LF		108" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	292.29	
			<i>For Up To 75, Add</i>	61.55	
			<i>For >75 To 150, Add</i>	29.23	
			<i>For >500 To 1,000, Deduct</i>	-7.08	
			<i>For >1,000 To 2,000, Deduct</i>	-13.85	
			<i>For >2,000 To 5,000, Deduct</i>	-21.24	
			<i>For >5,000, Deduct</i>	-32.32	
33 01 30 71-0053	LF		114" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	308.54	
			<i>For Up To 75, Add</i>	64.97	
			<i>For >75 To 150, Add</i>	30.85	
			<i>For >500 To 1,000, Deduct</i>	-7.48	
			<i>For >1,000 To 2,000, Deduct</i>	-14.62	
			<i>For >2,000 To 5,000, Deduct</i>	-22.43	
			<i>For >5,000, Deduct</i>	-34.12	
33 01 30 71-0054	LF		120" Diameter Pipe Lining, Spray Applied With 200 mil Structural Polyurethane	324.78	
			<i>For Up To 75, Add</i>	68.39	
			<i>For >75 To 150, Add</i>	32.48	
			<i>For >500 To 1,000, Deduct</i>	-7.87	
			<i>For >1,000 To 2,000, Deduct</i>	-15.39	
			<i>For >2,000 To 5,000, Deduct</i>	-23.61	
			<i>For >5,000, Deduct</i>	-35.91	
33 01 30 71-0055	SF		Structure Lining, Spray Applied With 200 mil Structural Polyurethane	10.34	
33 01 30 71-0056			Lining Pipe, Spray Applied With 250 mil Structural Polyurethane <small>(33 01 30 71-0002)</small>		
			Note: Two part structural polyurethane.		
33 01 30 71-0057	LF		36" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	117.72	
			<i>For Up To 75, Add</i>	24.63	
			<i>For >75 To 150, Add</i>	11.77	
			<i>For >500 To 1,000, Deduct</i>	-2.79	
			<i>For >1,000 To 2,000, Deduct</i>	-5.47	
			<i>For >2,000 To 5,000, Deduct</i>	-8.36	
			<i>For >5,000, Deduct</i>	-12.86	
33 01 30 71-0058	LF		42" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	137.35	
			<i>For Up To 75, Add</i>	28.74	
			<i>For >75 To 150, Add</i>	13.74	
			<i>For >500 To 1,000, Deduct</i>	-3.25	
			<i>For >1,000 To 2,000, Deduct</i>	-6.38	
			<i>For >2,000 To 5,000, Deduct</i>	-9.76	
			<i>For >5,000, Deduct</i>	-15.00	
33 01 30 71-0059	LF		48" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	156.96	
			<i>For Up To 75, Add</i>	32.84	
			<i>For >75 To 150, Add</i>	15.70	
			<i>For >500 To 1,000, Deduct</i>	-3.72	
			<i>For >1,000 To 2,000, Deduct</i>	-7.29	
			<i>For >2,000 To 5,000, Deduct</i>	-11.15	
			<i>For >5,000, Deduct</i>	-17.14	
33 01 30 71-0060	LF		54" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	176.59	
			<i>For Up To 75, Add</i>	36.94	
			<i>For >75 To 150, Add</i>	17.66	
			<i>For >500 To 1,000, Deduct</i>	-4.18	
			<i>For >1,000 To 2,000, Deduct</i>	-8.20	
			<i>For >2,000 To 5,000, Deduct</i>	-12.55	
			<i>For >5,000, Deduct</i>	-19.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0061 LF 60" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	196.22	
<i>For Up To 75, Add</i>	41.05	
<i>For >75 To 150, Add</i>	19.62	
<i>For >500 To 1,000, Deduct</i>	-4.65	
<i>For >1,000 To 2,000, Deduct</i>	-9.11	
<i>For >2,000 To 5,000, Deduct</i>	-13.94	
<i>For >5,000, Deduct</i>	-21.43	
33 01 30 71-0062 LF 66" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	215.82	
<i>For Up To 75, Add</i>	45.15	
<i>For >75 To 150, Add</i>	21.58	
<i>For >500 To 1,000, Deduct</i>	-5.11	
<i>For >1,000 To 2,000, Deduct</i>	-10.02	
<i>For >2,000 To 5,000, Deduct</i>	-15.33	
<i>For >5,000, Deduct</i>	-23.57	
33 01 30 71-0063 LF 72" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	235.46	
<i>For Up To 75, Add</i>	49.26	
<i>For >75 To 150, Add</i>	23.55	
<i>For >500 To 1,000, Deduct</i>	-5.58	
<i>For >1,000 To 2,000, Deduct</i>	-10.94	
<i>For >2,000 To 5,000, Deduct</i>	-16.73	
<i>For >5,000, Deduct</i>	-25.71	
33 01 30 71-0064 LF 78" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	255.07	
<i>For Up To 75, Add</i>	53.36	
<i>For >75 To 150, Add</i>	25.51	
<i>For >500 To 1,000, Deduct</i>	-6.04	
<i>For >1,000 To 2,000, Deduct</i>	-11.85	
<i>For >2,000 To 5,000, Deduct</i>	-18.12	
<i>For >5,000, Deduct</i>	-27.86	
33 01 30 71-0065 LF 84" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	274.70	
<i>For Up To 75, Add</i>	57.47	
<i>For >75 To 150, Add</i>	27.47	
<i>For >500 To 1,000, Deduct</i>	-6.51	
<i>For >1,000 To 2,000, Deduct</i>	-12.76	
<i>For >2,000 To 5,000, Deduct</i>	-19.52	
<i>For >5,000, Deduct</i>	-30.00	
33 01 30 71-0066 LF 90" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	294.32	
<i>For Up To 75, Add</i>	61.57	
<i>For >75 To 150, Add</i>	29.43	
<i>For >500 To 1,000, Deduct</i>	-6.97	
<i>For >1,000 To 2,000, Deduct</i>	-13.67	
<i>For >2,000 To 5,000, Deduct</i>	-20.91	
<i>For >5,000, Deduct</i>	-32.14	
33 01 30 71-0067 LF 96" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	313.93	
<i>For Up To 75, Add</i>	65.68	
<i>For >75 To 150, Add</i>	31.39	
<i>For >500 To 1,000, Deduct</i>	-7.43	
<i>For >1,000 To 2,000, Deduct</i>	-14.58	
<i>For >2,000 To 5,000, Deduct</i>	-22.30	
<i>For >5,000, Deduct</i>	-34.28	
33 01 30 71-0068 LF 102" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	333.55	
<i>For Up To 75, Add</i>	69.78	
<i>For >75 To 150, Add</i>	33.36	
<i>For >500 To 1,000, Deduct</i>	-7.90	
<i>For >1,000 To 2,000, Deduct</i>	-15.49	
<i>For >2,000 To 5,000, Deduct</i>	-23.70	
<i>For >5,000, Deduct</i>	-36.43	
33 01 30 71-0069 LF 108" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	353.18	
<i>For Up To 75, Add</i>	73.89	
<i>For >75 To 150, Add</i>	35.32	
<i>For >500 To 1,000, Deduct</i>	-8.36	
<i>For >1,000 To 2,000, Deduct</i>	-16.40	
<i>For >2,000 To 5,000, Deduct</i>	-25.09	
<i>For >5,000, Deduct</i>	-38.57	
33 01 30 71-0070 LF 114" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	372.81	
<i>For Up To 75, Add</i>	78.00	
<i>For >75 To 150, Add</i>	37.28	
<i>For >500 To 1,000, Deduct</i>	-8.83	
<i>For >1,000 To 2,000, Deduct</i>	-17.32	
<i>For >2,000 To 5,000, Deduct</i>	-26.49	
<i>For >5,000, Deduct</i>	-40.71	
33 01 30 71-0071 LF 120" Diameter Pipe Lining, Spray Applied With 250 mil Structural Polyurethane	392.42	
<i>For Up To 75, Add</i>	82.10	
<i>For >75 To 150, Add</i>	39.24	
<i>For >500 To 1,000, Deduct</i>	-9.29	
<i>For >1,000 To 2,000, Deduct</i>	-18.23	
<i>For >2,000 To 5,000, Deduct</i>	-27.88	
<i>For >5,000, Deduct</i>	-42.86	
33 01 30 71-0072 SF Structure Lining, Spray Applied With 250 mil Structural Polyurethane	12.49	

33 01 30 71-0073 Lining Pipe, Spray Applied With 300 mil Structural Polyurethane (33 01 30 71-0002)
Note: Two part structural polyurethane.

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0074 LF 36" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	138.15	
For Up To 75, Add	28.77	
For >75 To 150, Add	13.82	
For >500 To 1,000, Deduct	-3.22	
For >1,000 To 2,000, Deduct	-6.32	
For >2,000 To 5,000, Deduct	-9.66	
For >5,000, Deduct	-14.96	
33 01 30 71-0075 LF 42" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	161.18	
For Up To 75, Add	33.57	
For >75 To 150, Add	16.12	
For >500 To 1,000, Deduct	-3.76	
For >1,000 To 2,000, Deduct	-7.38	
For >2,000 To 5,000, Deduct	-11.27	
For >5,000, Deduct	-17.45	
33 01 30 71-0076 LF 48" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	184.20	
For Up To 75, Add	38.36	
For >75 To 150, Add	18.42	
For >500 To 1,000, Deduct	-4.29	
For >1,000 To 2,000, Deduct	-8.43	
For >2,000 To 5,000, Deduct	-12.88	
For >5,000, Deduct	-19.94	
33 01 30 71-0077 LF 54" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	207.22	
For Up To 75, Add	43.16	
For >75 To 150, Add	20.72	
For >500 To 1,000, Deduct	-4.83	
For >1,000 To 2,000, Deduct	-9.49	
For >2,000 To 5,000, Deduct	-14.49	
For >5,000, Deduct	-22.43	
33 01 30 71-0078 LF 60" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	230.25	
For Up To 75, Add	47.95	
For >75 To 150, Add	23.03	
For >500 To 1,000, Deduct	-5.37	
For >1,000 To 2,000, Deduct	-10.54	
For >2,000 To 5,000, Deduct	-16.10	
For >5,000, Deduct	-24.93	
33 01 30 71-0079 LF 66" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	253.27	
For Up To 75, Add	52.75	
For >75 To 150, Add	25.33	
For >500 To 1,000, Deduct	-5.90	
For >1,000 To 2,000, Deduct	-11.60	
For >2,000 To 5,000, Deduct	-17.71	
For >5,000, Deduct	-27.42	
33 01 30 71-0080 LF 72" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	276.28	
For Up To 75, Add	57.54	
For >75 To 150, Add	27.63	
For >500 To 1,000, Deduct	-6.44	
For >1,000 To 2,000, Deduct	-12.65	
For >2,000 To 5,000, Deduct	-19.31	
For >5,000, Deduct	-29.91	
33 01 30 71-0081 LF 78" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	299.33	
For Up To 75, Add	62.34	
For >75 To 150, Add	29.93	
For >500 To 1,000, Deduct	-6.98	
For >1,000 To 2,000, Deduct	-13.70	
For >2,000 To 5,000, Deduct	-20.93	
For >5,000, Deduct	-32.41	
33 01 30 71-0082 LF 84" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	322.34	
For Up To 75, Add	67.13	
For >75 To 150, Add	32.23	
For >500 To 1,000, Deduct	-7.51	
For >1,000 To 2,000, Deduct	-14.76	
For >2,000 To 5,000, Deduct	-22.53	
For >5,000, Deduct	-34.90	
33 01 30 71-0083 LF 90" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	345.37	
For Up To 75, Add	71.93	
For >75 To 150, Add	34.54	
For >500 To 1,000, Deduct	-8.05	
For >1,000 To 2,000, Deduct	-15.81	
For >2,000 To 5,000, Deduct	-24.15	
For >5,000, Deduct	-37.39	
33 01 30 71-0084 LF 96" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	368.39	
For Up To 75, Add	76.72	
For >75 To 150, Add	36.84	
For >500 To 1,000, Deduct	-8.58	
For >1,000 To 2,000, Deduct	-16.87	
For >2,000 To 5,000, Deduct	-25.75	
For >5,000, Deduct	-39.88	
33 01 30 71-0085 LF 102" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	391.42	
For Up To 75, Add	81.52	
For >75 To 150, Add	39.14	
For >500 To 1,000, Deduct	-9.12	
For >1,000 To 2,000, Deduct	-17.92	
For >2,000 To 5,000, Deduct	-27.36	
For >5,000, Deduct	-42.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0086 LF 108" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	414.45	
For Up To 75, Add	86.31	
For >75 To 150, Add	41.45	
For >500 To 1,000, Deduct	-9.66	
For >1,000 To 2,000, Deduct	-18.97	
For >2,000 To 5,000, Deduct	-28.98	
For >5,000, Deduct	-44.87	
33 01 30 71-0087 LF 114" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	437.47	
For Up To 75, Add	91.11	
For >75 To 150, Add	43.75	
For >500 To 1,000, Deduct	-10.19	
For >1,000 To 2,000, Deduct	-20.03	
For >2,000 To 5,000, Deduct	-30.58	
For >5,000, Deduct	-47.36	
33 01 30 71-0088 LF 120" Diameter Pipe Lining, Spray Applied With 300 mil Structural Polyurethane	460.49	
For Up To 75, Add	95.90	
For >75 To 150, Add	46.05	
For >500 To 1,000, Deduct	-10.73	
For >1,000 To 2,000, Deduct	-21.08	
For >2,000 To 5,000, Deduct	-32.19	
For >5,000, Deduct	-49.85	
33 01 30 71-0089 SF Structure Lining, Spray Applied With 300 mil Structural Polyurethane	14.66	
33 01 30 71-0090 Lining Pipe, Spray Applied With 400 mil Structural Polyurethane (33 01 30 71-0002)		
Note: Two part structural polyurethane.		
33 01 30 71-0091 LF 36" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	179.02	
For Up To 75, Add	37.07	
For >75 To 150, Add	17.90	
For >500 To 1,000, Deduct	-4.09	
For >1,000 To 2,000, Deduct	-8.05	
For >2,000 To 5,000, Deduct	-12.26	
For >5,000, Deduct	-19.17	
33 01 30 71-0092 LF 42" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	208.88	
For Up To 75, Add	43.26	
For >75 To 150, Add	20.89	
For >500 To 1,000, Deduct	-4.77	
For >1,000 To 2,000, Deduct	-9.39	
For >2,000 To 5,000, Deduct	-14.31	
For >5,000, Deduct	-22.37	
33 01 30 71-0093 LF 48" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	238.71	
For Up To 75, Add	49.43	
For >75 To 150, Add	23.87	
For >500 To 1,000, Deduct	-5.45	
For >1,000 To 2,000, Deduct	-10.73	
For >2,000 To 5,000, Deduct	-16.35	
For >5,000, Deduct	-25.56	
33 01 30 71-0094 LF 54" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	268.55	
For Up To 75, Add	55.61	
For >75 To 150, Add	26.86	
For >500 To 1,000, Deduct	-6.13	
For >1,000 To 2,000, Deduct	-12.07	
For >2,000 To 5,000, Deduct	-18.40	
For >5,000, Deduct	-28.76	
33 01 30 71-0095 LF 60" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	298.38	
For Up To 75, Add	61.79	
For >75 To 150, Add	29.84	
For >500 To 1,000, Deduct	-6.81	
For >1,000 To 2,000, Deduct	-13.41	
For >2,000 To 5,000, Deduct	-20.44	
For >5,000, Deduct	-31.95	
33 01 30 71-0096 LF 66" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	328.23	
For Up To 75, Add	67.97	
For >75 To 150, Add	32.82	
For >500 To 1,000, Deduct	-7.49	
For >1,000 To 2,000, Deduct	-14.76	
For >2,000 To 5,000, Deduct	-22.48	
For >5,000, Deduct	-35.15	
33 01 30 71-0097 LF 72" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	358.06	
For Up To 75, Add	74.15	
For >75 To 150, Add	35.81	
For >500 To 1,000, Deduct	-8.18	
For >1,000 To 2,000, Deduct	-16.10	
For >2,000 To 5,000, Deduct	-24.53	
For >5,000, Deduct	-38.34	
33 01 30 71-0098 LF 78" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	387.90	
For Up To 75, Add	80.33	
For >75 To 150, Add	38.79	
For >500 To 1,000, Deduct	-8.86	
For >1,000 To 2,000, Deduct	-17.44	
For >2,000 To 5,000, Deduct	-26.57	
For >5,000, Deduct	-41.54	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 71-0099	LF		84" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	417.74	
			<i>For Up To 75, Add</i>	86.51	
			<i>For >75 To 150, Add</i>	41.77	
			<i>For >500 To 1,000, Deduct</i>	-9.54	
			<i>For >1,000 To 2,000, Deduct</i>	-18.78	
			<i>For >2,000 To 5,000, Deduct</i>	-28.61	
			<i>For >5,000, Deduct</i>	-44.73	
33 01 30 71-0100	LF		90" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	447.58	
			<i>For Up To 75, Add</i>	92.69	
			<i>For >75 To 150, Add</i>	44.76	
			<i>For >500 To 1,000, Deduct</i>	-10.22	
			<i>For >1,000 To 2,000, Deduct</i>	-20.12	
			<i>For >2,000 To 5,000, Deduct</i>	-30.66	
			<i>For >5,000, Deduct</i>	-47.93	
33 01 30 71-0101	LF		96" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	477.42	
			<i>For Up To 75, Add</i>	98.87	
			<i>For >75 To 150, Add</i>	47.74	
			<i>For >500 To 1,000, Deduct</i>	-10.90	
			<i>For >1,000 To 2,000, Deduct</i>	-21.46	
			<i>For >2,000 To 5,000, Deduct</i>	-32.70	
			<i>For >5,000, Deduct</i>	-51.12	
33 01 30 71-0102	LF		102" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	507.26	
			<i>For Up To 75, Add</i>	105.04	
			<i>For >75 To 150, Add</i>	50.73	
			<i>For >500 To 1,000, Deduct</i>	-11.58	
			<i>For >1,000 To 2,000, Deduct</i>	-22.81	
			<i>For >2,000 To 5,000, Deduct</i>	-34.75	
			<i>For >5,000, Deduct</i>	-54.32	
33 01 30 71-0103	LF		108" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	537.09	
			<i>For Up To 75, Add</i>	111.22	
			<i>For >75 To 150, Add</i>	53.71	
			<i>For >500 To 1,000, Deduct</i>	-12.26	
			<i>For >1,000 To 2,000, Deduct</i>	-24.15	
			<i>For >2,000 To 5,000, Deduct</i>	-36.79	
			<i>For >5,000, Deduct</i>	-57.51	
33 01 30 71-0104	LF		114" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	566.93	
			<i>For Up To 75, Add</i>	117.40	
			<i>For >75 To 150, Add</i>	56.69	
			<i>For >500 To 1,000, Deduct</i>	-12.94	
			<i>For >1,000 To 2,000, Deduct</i>	-25.49	
			<i>For >2,000 To 5,000, Deduct</i>	-38.83	
			<i>For >5,000, Deduct</i>	-60.71	
33 01 30 71-0105	LF		120" Diameter Pipe Lining, Spray Applied With 400 mil Structural Polyurethane	596.77	
			<i>For Up To 75, Add</i>	123.58	
			<i>For >75 To 150, Add</i>	59.68	
			<i>For >500 To 1,000, Deduct</i>	-13.63	
			<i>For >1,000 To 2,000, Deduct</i>	-26.83	
			<i>For >2,000 To 5,000, Deduct</i>	-40.88	
			<i>For >5,000, Deduct</i>	-63.90	
33 01 30 71-0106	SF		Structure Lining, Spray Applied With 400 mil Structural Polyurethane	19.00	

33 01 30 71-0107 Lining Pipe, Spray Applied With 500 mil Structural Polyurethane (33 01 30 71-0002)

Note: Two part structural polyurethane.

33 01 30 71-0108	LF		36" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	220.27	
			<i>For Up To 75, Add</i>	45.46	
			<i>For >75 To 150, Add</i>	22.03	
			<i>For >500 To 1,000, Deduct</i>	-4.97	
			<i>For >1,000 To 2,000, Deduct</i>	-9.80	
			<i>For >2,000 To 5,000, Deduct</i>	-14.91	
			<i>For >5,000, Deduct</i>	-23.44	
33 01 30 71-0109	LF		42" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	256.98	
			<i>For Up To 75, Add</i>	53.04	
			<i>For >75 To 150, Add</i>	25.70	
			<i>For >500 To 1,000, Deduct</i>	-5.80	
			<i>For >1,000 To 2,000, Deduct</i>	-11.43	
			<i>For >2,000 To 5,000, Deduct</i>	-17.39	
			<i>For >5,000, Deduct</i>	-27.34	
33 01 30 71-0110	LF		48" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	293.69	
			<i>For Up To 75, Add</i>	60.62	
			<i>For >75 To 150, Add</i>	29.37	
			<i>For >500 To 1,000, Deduct</i>	-6.63	
			<i>For >1,000 To 2,000, Deduct</i>	-13.06	
			<i>For >2,000 To 5,000, Deduct</i>	-19.88	
			<i>For >5,000, Deduct</i>	-31.25	
33 01 30 71-0111	LF		54" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	330.40	
			<i>For Up To 75, Add</i>	68.19	
			<i>For >75 To 150, Add</i>	33.04	
			<i>For >500 To 1,000, Deduct</i>	-7.45	
			<i>For >1,000 To 2,000, Deduct</i>	-14.70	
			<i>For >2,000 To 5,000, Deduct</i>	-22.36	
			<i>For >5,000, Deduct</i>	-35.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 71-0112 LF 60" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	367.11	
<i>For Up To 75, Add</i>	75.77	
<i>For >75 To 150, Add</i>	36.71	
<i>For >500 To 1,000, Deduct</i>	-8.28	
<i>For >1,000 To 2,000, Deduct</i>	-16.33	
<i>For >2,000 To 5,000, Deduct</i>	-24.84	
<i>For >5,000, Deduct</i>	-39.06	
33 01 30 71-0113 LF 66" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	403.82	
<i>For Up To 75, Add</i>	83.35	
<i>For >75 To 150, Add</i>	40.38	
<i>For >500 To 1,000, Deduct</i>	-9.11	
<i>For >1,000 To 2,000, Deduct</i>	-17.96	
<i>For >2,000 To 5,000, Deduct</i>	-27.33	
<i>For >5,000, Deduct</i>	-42.96	
33 01 30 71-0114 LF 72" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	440.52	
<i>For Up To 75, Add</i>	90.92	
<i>For >75 To 150, Add</i>	44.05	
<i>For >500 To 1,000, Deduct</i>	-9.94	
<i>For >1,000 To 2,000, Deduct</i>	-19.59	
<i>For >2,000 To 5,000, Deduct</i>	-29.81	
<i>For >5,000, Deduct</i>	-46.87	
33 01 30 71-0115 LF 78" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	477.24	
<i>For Up To 75, Add</i>	98.50	
<i>For >75 To 150, Add</i>	47.72	
<i>For >500 To 1,000, Deduct</i>	-10.77	
<i>For >1,000 To 2,000, Deduct</i>	-21.23	
<i>For >2,000 To 5,000, Deduct</i>	-32.30	
<i>For >5,000, Deduct</i>	-50.78	
33 01 30 71-0116 LF 84" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	513.96	
<i>For Up To 75, Add</i>	106.08	
<i>For >75 To 150, Add</i>	51.40	
<i>For >500 To 1,000, Deduct</i>	-11.59	
<i>For >1,000 To 2,000, Deduct</i>	-22.86	
<i>For >2,000 To 5,000, Deduct</i>	-34.78	
<i>For >5,000, Deduct</i>	-54.68	
33 01 30 71-0117 LF 90" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	550.67	
<i>For Up To 75, Add</i>	113.66	
<i>For >75 To 150, Add</i>	55.07	
<i>For >500 To 1,000, Deduct</i>	-12.42	
<i>For >1,000 To 2,000, Deduct</i>	-24.49	
<i>For >2,000 To 5,000, Deduct</i>	-37.27	
<i>For >5,000, Deduct</i>	-58.59	
33 01 30 71-0118 LF 96" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	587.38	
<i>For Up To 75, Add</i>	121.23	
<i>For >75 To 150, Add</i>	58.74	
<i>For >500 To 1,000, Deduct</i>	-13.25	
<i>For >1,000 To 2,000, Deduct</i>	-26.12	
<i>For >2,000 To 5,000, Deduct</i>	-39.75	
<i>For >5,000, Deduct</i>	-62.49	
33 01 30 71-0119 LF 102" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	624.09	
<i>For Up To 75, Add</i>	128.81	
<i>For >75 To 150, Add</i>	62.41	
<i>For >500 To 1,000, Deduct</i>	-14.08	
<i>For >1,000 To 2,000, Deduct</i>	-27.76	
<i>For >2,000 To 5,000, Deduct</i>	-42.24	
<i>For >5,000, Deduct</i>	-66.40	
33 01 30 71-0120 LF 108" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	660.80	
<i>For Up To 75, Add</i>	136.39	
<i>For >75 To 150, Add</i>	66.08	
<i>For >500 To 1,000, Deduct</i>	-14.91	
<i>For >1,000 To 2,000, Deduct</i>	-29.39	
<i>For >2,000 To 5,000, Deduct</i>	-44.72	
<i>For >5,000, Deduct</i>	-70.31	
33 01 30 71-0121 LF 114" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	697.51	
<i>For Up To 75, Add</i>	143.96	
<i>For >75 To 150, Add</i>	69.75	
<i>For >500 To 1,000, Deduct</i>	-15.73	
<i>For >1,000 To 2,000, Deduct</i>	-31.02	
<i>For >2,000 To 5,000, Deduct</i>	-47.20	
<i>For >5,000, Deduct</i>	-74.21	
33 01 30 71-0122 LF 120" Diameter Pipe Lining, Spray Applied With 500 mil Structural Polyurethane	734.22	
<i>For Up To 75, Add</i>	151.54	
<i>For >75 To 150, Add</i>	73.42	
<i>For >500 To 1,000, Deduct</i>	-16.56	
<i>For >1,000 To 2,000, Deduct</i>	-32.66	
<i>For >2,000 To 5,000, Deduct</i>	-49.69	
<i>For >5,000, Deduct</i>	-78.12	
33 01 30 71-0123 SF Structure Lining, Spray Applied With 500 mil Structural Polyurethane	23.37	

33 01 30 72 Cured-in-Place Pipe Lining (33 01 30)

33 01 30 72-0001 Cured-In-Place Pipe (CIPP) Relining Underground Pipelines (33 01 30 72)

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 72-0002 Cured In-Place Pipe (CIPP) Lining Set-Up And Reinsertion (33 01 30 72-0001)

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0003 EA Initial Set Up And Final Equipment Removal For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,503.72	
33 01 30 72-0004 EA Initial Set Up And Final Equipment Removal For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,506.19	
33 01 30 72-0005 EA Initial Set Up And Final Equipment Removal For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	3,759.29	
33 01 30 72-0006 EA Initial Set Up And Final Equipment Removal For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	5,012.38	
33 01 30 72-0007 EA Move And Reset Up At Different Access/Location For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	751.86	
33 01 30 72-0008 EA Move And Reset Up At Different Access/Location For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,253.10	
33 01 30 72-0009 EA Move And Reset Up At Different Access/Location For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,566.37	
33 01 30 72-0010 EA Move And Reset Up At Different Access/Location For Relining > 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	2,004.95	
33 01 30 72-0011 EA Mixing Truck And Refrigeration For Relining Up To 12" Underground Pipelines Cured In-Place Pipe (CIPP).....	1,253.10	
Note: Need to mix wet material in bag prior to installation.		
33 01 30 72-0012 EA Mixing Truck And Refrigeration For Relining >12" To 24" Underground Pipelines Cured In-Place Pipe (CIPP).....	3,007.43	
Note: Need to mix wet material in bag prior to installation.		
33 01 30 72-0013 EA Mixing Truck And Refrigeration For Relining >24" To 48" Underground Pipelines Cured In-Place Pipe (CIPP).....	5,012.38	
Note: Need to mix wet material in bag prior to installation.		
33 01 30 72-0014 EA Mixing Truck And Refrigeration For Relining >48" Underground Pipelines Cured In-Place Pipe (CIPP).....	7,518.59	
Note: Need to mix wet material in bag prior to installation.		
33 01 30 72-0015 Lining Pipe With Polyester Resin Impregnated Cured In-Place Pipe (CIPP) <small>(33 01 30 72-0001)</small>		
Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection, culvert cleaning and grouting. Use round equivalent pipe sizes for elliptical, oval or arched pipe.		
33 01 30 72-0016 4.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0017 LF 4.5mm Lining 2" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	21.92	
For Vinlyester Resin, Add	6.13	
For Epoxy Resin, Add	0.72	
For Up To >10, Add	43.86	
For >10 To 25, Add	35.09	
For >25 To 50, Add	21.49	
For >50 To 100, Add	10.75	
For >500 To 1,000, Deduct	-1.43	
For >1,000 To 2,000, Deduct	-2.30	
For >2,000 To 5,000, Deduct	-4.34	
For >5,000, Deduct	-7.02	
33 01 30 72-0018 LF 4.5mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	26.72	
For Vinlyester Resin, Add	9.49	
For Epoxy Resin, Add	1.12	
For Up To >10, Add	46.26	
For >10 To 25, Add	36.29	
For >25 To 50, Add	22.45	
For >50 To 100, Add	11.23	
For >500 To 1,000, Deduct	-1.67	
For >1,000 To 2,000, Deduct	-2.66	
For >2,000 To 5,000, Deduct	-4.92	
For >5,000, Deduct	-7.98	
33 01 30 72-0019 LF 4.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	31.53	
For Vinlyester Resin, Add	12.86	
For Epoxy Resin, Add	1.52	
For Up To >10, Add	48.67	
For >10 To 25, Add	37.49	
For >25 To 50, Add	23.41	
For >50 To 100, Add	11.71	
For >500 To 1,000, Deduct	-1.91	
For >1,000 To 2,000, Deduct	-3.02	
For >2,000 To 5,000, Deduct	-5.49	
For >5,000, Deduct	-8.94	
33 01 30 72-0020 LF 4.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	42.38	
For Vinlyester Resin, Add	19.58	
For Epoxy Resin, Add	2.31	
For Up To >10, Add	57.22	
For >10 To 25, Add	43.02	
For >25 To 50, Add	27.21	
For >50 To 100, Add	13.60	
For >500 To 1,000, Deduct	-2.48	
For >1,000 To 2,000, Deduct	-3.90	
For >2,000 To 5,000, Deduct	-6.96	
For >5,000, Deduct	-11.36	
33 01 30 72-0021 LF 4.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	53.24	
For Vinlyester Resin, Add	26.31	
For Epoxy Resin, Add	3.10	
For Up To >10, Add	65.77	
For >10 To 25, Add	48.55	
For >25 To 50, Add	31.01	
For >50 To 100, Add	15.50	
For >500 To 1,000, Deduct	-3.05	
For >1,000 To 2,000, Deduct	-4.78	
For >2,000 To 5,000, Deduct	-8.42	
For >5,000, Deduct	-13.78	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0022 6mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0023 LF 6mm Lining 3" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	30.86	
For Vinlyester Resin, Add	12.39	
For Epoxy Resin, Add	1.46	
For Up To >10, Add	48.33	
For >10 To 25, Add	37.33	
For >25 To 50, Add	23.28	
For >50 To 100, Add	11.64	
For >500 To 1,000, Deduct	-1.87	
For >1,000 To 2,000, Deduct	-2.97	
For >2,000 To 5,000, Deduct	-5.41	
For >5,000, Deduct	-8.80	
33 01 30 72-0024 LF 6mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	37.27	
For Vinlyester Resin, Add	16.88	
For Epoxy Resin, Add	1.99	
For Up To >10, Add	51.54	
For >10 To 25, Add	38.93	
For >25 To 50, Add	24.56	
For >50 To 100, Add	12.28	
For >500 To 1,000, Deduct	-2.19	
For >1,000 To 2,000, Deduct	-3.45	
For >2,000 To 5,000, Deduct	-6.18	
For >5,000, Deduct	-10.09	
33 01 30 72-0025 LF 6mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	51.33	
For Vinlyester Resin, Add	25.84	
For Epoxy Resin, Add	3.05	
For Up To >10, Add	61.69	
For >10 To 25, Add	45.26	
For >25 To 50, Add	29.00	
For >50 To 100, Add	14.50	
For >500 To 1,000, Deduct	-2.93	
For >1,000 To 2,000, Deduct	-4.57	
For >2,000 To 5,000, Deduct	-8.03	
For >5,000, Deduct	-13.15	
33 01 30 72-0026 LF 6mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	65.39	
For Vinlyester Resin, Add	34.81	
For Epoxy Resin, Add	4.10	
For Up To >10, Add	71.85	
For >10 To 25, Add	51.58	
For >25 To 50, Add	33.44	
For >50 To 100, Add	16.72	
For >500 To 1,000, Deduct	-3.66	
For >1,000 To 2,000, Deduct	-5.69	
For >2,000 To 5,000, Deduct	-9.88	
For >5,000, Deduct	-16.21	
33 01 30 72-0027 LF 6mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	79.59	
For Vinlyester Resin, Add	43.78	
For Epoxy Resin, Add	5.16	
For Up To >10, Add	82.42	
For >10 To 25, Add	58.26	
For >25 To 50, Add	38.08	
For >50 To 100, Add	19.04	
For >500 To 1,000, Deduct	-4.41	
For >1,000 To 2,000, Deduct	-6.82	
For >2,000 To 5,000, Deduct	-11.77	
For >5,000, Deduct	-19.33	
33 01 30 72-0028 LF 6mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	94.15	
For Vinlyester Resin, Add	52.75	
For Epoxy Resin, Add	6.22	
For Up To >10, Add	94.08	
For >10 To 25, Add	65.84	
For >25 To 50, Add	43.27	
For >50 To 100, Add	21.64	
For >500 To 1,000, Deduct	-5.18	
For >1,000 To 2,000, Deduct	-8.00	
For >2,000 To 5,000, Deduct	-13.74	
For >5,000, Deduct	-22.59	
 33 01 30 72-0029 7.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0030 LF 7.5mm Lining 4" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	42.82	
For Vinlyester Resin, Add	20.76	
For Epoxy Resin, Add	2.45	
For Up To >10, Add	54.31	
For >10 To 25, Add	40.32	
For >25 To 50, Add	25.67	
For >50 To 100, Add	12.84	
For >500 To 1,000, Deduct	-2.47	
For >1,000 To 2,000, Deduct	-3.87	
For >2,000 To 5,000, Deduct	-6.85	
For >5,000, Deduct	-11.20	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0031	LF	7.5mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	60.08	
		For Vinlyester Resin, Add	31.97	
		For Epoxy Resin, Add	3.77	
		For Up To >10, Add	66.07	
		For >10 To 25, Add	47.44	
		For >25 To 50, Add	30.75	
		For >50 To 100, Add	15.37	
		For >500 To 1,000, Deduct	-3.36	
		For >1,000 To 2,000, Deduct	-5.23	
		For >2,000 To 5,000, Deduct	-9.08	
		For >5,000, Deduct	-14.90	
33 01 30 72-0032	LF	7.5mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	77.35	
		For Vinlyester Resin, Add	43.18	
		For Epoxy Resin, Add	5.09	
		For Up To >10, Add	77.83	
		For >10 To 25, Add	54.57	
		For >25 To 50, Add	35.83	
		For >50 To 100, Add	17.91	
		For >500 To 1,000, Deduct	-4.26	
		For >1,000 To 2,000, Deduct	-6.58	
		For >2,000 To 5,000, Deduct	-11.32	
		For >5,000, Deduct	-18.60	
33 01 30 72-0033	LF	7.5mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	94.75	
		For Vinlyester Resin, Add	54.39	
		For Epoxy Resin, Add	6.41	
		For Up To >10, Add	90.00	
		For >10 To 25, Add	62.05	
		For >25 To 50, Add	41.12	
		For >50 To 100, Add	20.56	
		For >500 To 1,000, Deduct	-5.16	
		For >1,000 To 2,000, Deduct	-7.96	
		For >2,000 To 5,000, Deduct	-13.59	
		For >5,000, Deduct	-22.36	
33 01 30 72-0034	LF	7.5mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	112.51	
		For Vinlyester Resin, Add	65.60	
		For Epoxy Resin, Add	7.73	
		For Up To >10, Add	103.26	
		For >10 To 25, Add	70.43	
		For >25 To 50, Add	46.94	
		For >50 To 100, Add	23.47	
		For >500 To 1,000, Deduct	-6.10	
		For >1,000 To 2,000, Deduct	-9.38	
		For >2,000 To 5,000, Deduct	-15.95	
		For >5,000, Deduct	-26.26	
33 01 30 72-0035	LF	7.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	139.04	
		For Vinlyester Resin, Add	82.42	
		For Epoxy Resin, Add	9.71	
		For Up To >10, Add	122.77	
		For >10 To 25, Add	82.69	
		For >25 To 50, Add	55.50	
		For >50 To 100, Add	27.75	
		For >500 To 1,000, Deduct	-7.48	
		For >1,000 To 2,000, Deduct	-11.49	
		For >2,000 To 5,000, Deduct	-19.45	
		For >5,000, Deduct	-32.07	
33 01 30 72-0036	LF	7.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	165.82	
		For Vinlyester Resin, Add	99.23	
		For Epoxy Resin, Add	11.70	
		For Up To >10, Add	143.06	
		For >10 To 25, Add	95.59	
		For >25 To 50, Add	64.44	
		For >50 To 100, Add	32.22	
		For >500 To 1,000, Deduct	-8.89	
		For >1,000 To 2,000, Deduct	-13.64	
		For >2,000 To 5,000, Deduct	-23.03	
		For >5,000, Deduct	-37.98	

33 01 30 72-0037 9mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0038	LF	9mm Lining 6" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	68.65	
		For Vinlyester Resin, Add	37.97	
		For Epoxy Resin, Add	4.47	
		For Up To >10, Add	70.35	
		For >10 To 25, Add	49.59	
		For >25 To 50, Add	32.46	
		For >50 To 100, Add	16.23	
		For >500 To 1,000, Deduct	-3.79	
		For >1,000 To 2,000, Deduct	-5.87	
		For >2,000 To 5,000, Deduct	-10.11	
		For >5,000, Deduct	-16.61	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0039 LF 9mm Lining 8" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	89.12	
For Vinlyester Resin, Add	51.42	
For Epoxy Resin, Add	6.06	
For Up To >10, Add	83.71	
For >10 To 25, Add	57.52	
For >25 To 50, Add	38.18	
For >50 To 100, Add	19.09	
For >500 To 1,000, Deduct	-4.85	
For >1,000 To 2,000, Deduct	-7.47	
For >2,000 To 5,000, Deduct	-12.73	
For >5,000, Deduct	-20.96	
33 01 30 72-0040 LF 9mm Lining 10" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	109.73	
For Vinlyester Resin, Add	64.88	
For Epoxy Resin, Add	7.65	
For Up To >10, Add	97.49	
For >10 To 25, Add	65.80	
For >25 To 50, Add	44.11	
For >50 To 100, Add	22.06	
For >500 To 1,000, Deduct	-5.91	
For >1,000 To 2,000, Deduct	-9.08	
For >2,000 To 5,000, Deduct	-15.38	
For >5,000, Deduct	-25.36	
33 01 30 72-0041 LF 9mm Lining 12" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	130.69	
For Vinlyester Resin, Add	78.32	
For Epoxy Resin, Add	9.23	
For Up To >10, Add	112.35	
For >10 To 25, Add	74.97	
For >25 To 50, Add	50.58	
For >50 To 100, Add	25.29	
For >500 To 1,000, Deduct	-7.00	
For >1,000 To 2,000, Deduct	-10.74	
For >2,000 To 5,000, Deduct	-18.13	
For >5,000, Deduct	-29.90	
33 01 30 72-0042 LF 9mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	162.02	
For Vinlyester Resin, Add	98.50	
For Epoxy Resin, Add	11.61	
For Up To >10, Add	134.26	
For >10 To 25, Add	88.43	
For >25 To 50, Add	60.09	
For >50 To 100, Add	30.05	
For >500 To 1,000, Deduct	-8.63	
For >1,000 To 2,000, Deduct	-13.22	
For >2,000 To 5,000, Deduct	-22.21	
For >5,000, Deduct	-36.66	
33 01 30 72-0043 LF 9mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	193.60	
For Vinlyester Resin, Add	118.68	
For Epoxy Resin, Add	13.99	
For Up To >10, Add	156.95	
For >10 To 25, Add	102.54	
For >25 To 50, Add	70.00	
For >50 To 100, Add	35.00	
For >500 To 1,000, Deduct	-10.28	
For >1,000 To 2,000, Deduct	-15.72	
For >2,000 To 5,000, Deduct	-26.36	
For >5,000, Deduct	-43.53	
33 01 30 72-0044 LF 9mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	224.43	
For Vinlyester Resin, Add	138.85	
For Epoxy Resin, Add	16.36	
For Up To >10, Add	177.39	
For >10 To 25, Add	114.77	
For >25 To 50, Add	78.78	
For >50 To 100, Add	39.39	
For >500 To 1,000, Deduct	-11.87	
For >1,000 To 2,000, Deduct	-18.14	
For >2,000 To 5,000, Deduct	-30.32	
For >5,000, Deduct	-50.10	
33 01 30 72-0045 LF 9mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	255.64	
For Vinlyester Resin, Add	159.03	
For Epoxy Resin, Add	18.74	
For Up To >10, Add	198.95	
For >10 To 25, Add	127.92	
For >25 To 50, Add	88.11	
For >50 To 100, Add	44.06	
For >500 To 1,000, Deduct	-13.49	
For >1,000 To 2,000, Deduct	-20.60	
For >2,000 To 5,000, Deduct	-34.38	
For >5,000, Deduct	-56.82	

33 01 30 72-0046 10.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0047	LF	10.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	184.81	
			<i>For Vinlyester Resin, Add</i>	114.46	
			<i>For Epoxy Resin, Add</i>	13.49	
			<i>For Up To >10, Add</i>	145.66	
			<i>For >10 To 25, Add</i>	94.13	
			<i>For >25 To 50, Add</i>	64.65	
			<i>For >50 To 100, Add</i>	32.33	
			<i>For >500 To 1,000, Deduct</i>	-9.77	
			<i>For >1,000 To 2,000, Deduct</i>	-14.93	
			<i>For >2,000 To 5,000, Deduct</i>	-24.95	
			<i>For >5,000, Deduct</i>	-41.22	
33 01 30	72-0048	LF	10.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	221.19	
			<i>For Vinlyester Resin, Add</i>	137.99	
			<i>For Epoxy Resin, Add</i>	16.26	
			<i>For Up To >10, Add</i>	170.75	
			<i>For >10 To 25, Add</i>	109.43	
			<i>For >25 To 50, Add</i>	75.52	
			<i>For >50 To 100, Add</i>	37.76	
			<i>For >500 To 1,000, Deduct</i>	-11.66	
			<i>For >1,000 To 2,000, Deduct</i>	-17.79	
			<i>For >2,000 To 5,000, Deduct</i>	-29.67	
			<i>For >5,000, Deduct</i>	-49.05	
33 01 30	72-0049	LF	10.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	256.84	
			<i>For Vinlyester Resin, Add</i>	161.54	
			<i>For Epoxy Resin, Add</i>	19.04	
			<i>For Up To >10, Add</i>	193.60	
			<i>For >10 To 25, Add</i>	122.87	
			<i>For >25 To 50, Add</i>	85.26	
			<i>For >50 To 100, Add</i>	42.63	
			<i>For >500 To 1,000, Deduct</i>	-13.49	
			<i>For >1,000 To 2,000, Deduct</i>	-20.57	
			<i>For >2,000 To 5,000, Deduct</i>	-34.21	
			<i>For >5,000, Deduct</i>	-56.58	
33 01 30	72-0050	LF	10.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	292.84	
			<i>For Vinlyester Resin, Add</i>	185.07	
			<i>For Epoxy Resin, Add</i>	21.81	
			<i>For Up To >10, Add</i>	217.55	
			<i>For >10 To 25, Add</i>	137.22	
			<i>For >25 To 50, Add</i>	95.55	
			<i>For >50 To 100, Add</i>	47.78	
			<i>For >500 To 1,000, Deduct</i>	-15.35	
			<i>For >1,000 To 2,000, Deduct</i>	-23.39	
			<i>For >2,000 To 5,000, Deduct</i>	-38.84	
			<i>For >5,000, Deduct</i>	-64.26	
33 01 30	72-0051	LF	10.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	329.35	
			<i>For Vinlyester Resin, Add</i>	208.61	
			<i>For Epoxy Resin, Add</i>	24.59	
			<i>For Up To >10, Add</i>	243.00	
			<i>For >10 To 25, Add</i>	152.83	
			<i>For >25 To 50, Add</i>	106.60	
			<i>For >50 To 100, Add</i>	53.30	
			<i>For >500 To 1,000, Deduct</i>	-17.25	
			<i>For >1,000 To 2,000, Deduct</i>	-26.27	
			<i>For >2,000 To 5,000, Deduct</i>	-43.59	
			<i>For >5,000, Deduct</i>	-72.14	
33 01 30	72-0052	LF	10.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	366.49	
			<i>For Vinlyester Resin, Add</i>	232.16	
			<i>For Epoxy Resin, Add</i>	27.36	
			<i>For Up To >10, Add</i>	270.35	
			<i>For >10 To 25, Add</i>	170.01	
			<i>For >25 To 50, Add</i>	118.59	
			<i>For >50 To 100, Add</i>	59.30	
			<i>For >500 To 1,000, Deduct</i>	-19.20	
			<i>For >1,000 To 2,000, Deduct</i>	-29.23	
			<i>For >2,000 To 5,000, Deduct</i>	-48.51	
			<i>For >5,000, Deduct</i>	-80.27	
33 01 30	72-0053	LF	10.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	438.12	
			<i>For Vinlyester Resin, Add</i>	279.23	
			<i>For Epoxy Resin, Add</i>	32.91	
			<i>For Up To >10, Add</i>	317.11	
			<i>For >10 To 25, Add</i>	197.78	
			<i>For >25 To 50, Add</i>	138.61	
			<i>For >50 To 100, Add</i>	69.31	
			<i>For >500 To 1,000, Deduct</i>	-22.89	
			<i>For >1,000 To 2,000, Deduct</i>	-34.82	
			<i>For >2,000 To 5,000, Deduct</i>	-57.67	
			<i>For >5,000, Deduct</i>	-95.47	

33 01 30 72-0054 12mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0055 LF 12mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	207.41	
For Vinylster Resin, Add	130.28	
For Epoxy Resin, Add	15.35	
For Up To >10, Add	156.96	
For >10 To 25, Add	99.78	
For >25 To 50, Add	69.17	
For >50 To 100, Add	34.59	
For >500 To 1,000, Deduct	-10.90	
For >1,000 To 2,000, Deduct	-16.62	
For >2,000 To 5,000, Deduct	-27.66	
For >5,000, Deduct	-45.74	
33 01 30 72-0056 LF 12mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	248.60	
For Vinylster Resin, Add	157.18	
For Epoxy Resin, Add	18.52	
For Up To >10, Add	184.45	
For >10 To 25, Add	116.29	
For >25 To 50, Add	81.00	
For >50 To 100, Add	40.50	
For >500 To 1,000, Deduct	-13.03	
For >1,000 To 2,000, Deduct	-19.85	
For >2,000 To 5,000, Deduct	-32.96	
For >5,000, Deduct	-54.53	
33 01 30 72-0057 LF 12mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	289.05	
For Vinylster Resin, Add	184.09	
For Epoxy Resin, Add	21.70	
For Up To >10, Add	209.70	
For >10 To 25, Add	130.92	
For >25 To 50, Add	91.70	
For >50 To 100, Add	45.85	
For >500 To 1,000, Deduct	-15.10	
For >1,000 To 2,000, Deduct	-22.98	
For >2,000 To 5,000, Deduct	-38.08	
For >5,000, Deduct	-63.02	
33 01 30 72-0058 LF 12mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	329.86	
For Vinylster Resin, Add	210.99	
For Epoxy Resin, Add	24.87	
For Up To >10, Add	236.06	
For >10 To 25, Add	146.48	
For >25 To 50, Add	102.96	
For >50 To 100, Add	51.48	
For >500 To 1,000, Deduct	-17.20	
For >1,000 To 2,000, Deduct	-26.16	
For >2,000 To 5,000, Deduct	-43.28	
For >5,000, Deduct	-71.66	
33 01 30 72-0059 LF 12mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	371.17	
For Vinylster Resin, Add	237.89	
For Epoxy Resin, Add	28.04	
For Up To >10, Add	263.91	
For >10 To 25, Add	163.29	
For >25 To 50, Add	114.96	
For >50 To 100, Add	57.48	
For >500 To 1,000, Deduct	-19.34	
For >1,000 To 2,000, Deduct	-29.40	
For >2,000 To 5,000, Deduct	-48.61	
For >5,000, Deduct	-80.50	
33 01 30 72-0060 LF 12mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	413.11	
For Vinylster Resin, Add	264.79	
For Epoxy Resin, Add	31.21	
For Up To >10, Add	293.66	
For >10 To 25, Add	181.67	
For >25 To 50, Add	127.91	
For >50 To 100, Add	63.96	
For >500 To 1,000, Deduct	-21.53	
For >1,000 To 2,000, Deduct	-32.73	
For >2,000 To 5,000, Deduct	-54.10	
For >5,000, Deduct	-89.59	
33 01 30 72-0061 LF 12mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	494.36	
For Vinylster Resin, Add	318.60	
For Epoxy Resin, Add	37.55	
For Up To >10, Add	345.23	
For >10 To 25, Add	211.84	
For >25 To 50, Add	149.86	
For >50 To 100, Add	74.93	
For >500 To 1,000, Deduct	-25.70	
For >1,000 To 2,000, Deduct	-39.04	
For >2,000 To 5,000, Deduct	-64.42	
For >5,000, Deduct	-106.72	
33 01 30 72-0062 LF 12mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	576.74	
For Vinylster Resin, Add	372.40	
For Epoxy Resin, Add	43.89	
For Up To >10, Add	400.22	
For >10 To 25, Add	244.85	
For >25 To 50, Add	173.51	
For >50 To 100, Add	86.76	
For >500 To 1,000, Deduct	-29.96	
For >1,000 To 2,000, Deduct	-45.49	
For >2,000 To 5,000, Deduct	-75.03	
For >5,000, Deduct	-124.30	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0063	LF	12mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	661.11	
			<i>For Vinlyester Resin, Add</i>	426.20	
			<i>For Epoxy Resin, Add</i>	50.23	
			<i>For Up To >10, Add</i>	461.18	
			<i>For >10 To 25, Add</i>	282.84	
			<i>For >25 To 50, Add</i>	200.15	
			<i>For >50 To 100, Add</i>	100.07	
			<i>For >500 To 1,000, Deduct</i>	-34.36	
			<i>For >1,000 To 2,000, Deduct</i>	-52.20	
			<i>For >2,000 To 5,000, Deduct</i>	-86.13	
			<i>For >5,000, Deduct</i>	-142.67	
33 01 30	72-0064		13.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30	72-0065	LF	13.5mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	229.82	
			<i>For Vinlyester Resin, Add</i>	145.96	
			<i>For Epoxy Resin, Add</i>	17.20	
			<i>For Up To >10, Add</i>	168.16	
			<i>For >10 To 25, Add</i>	105.38	
			<i>For >25 To 50, Add</i>	73.65	
			<i>For >50 To 100, Add</i>	36.83	
			<i>For >500 To 1,000, Deduct</i>	-12.02	
			<i>For >1,000 To 2,000, Deduct</i>	-18.30	
			<i>For >2,000 To 5,000, Deduct</i>	-30.35	
			<i>For >5,000, Deduct</i>	-50.22	
33 01 30	72-0066	LF	13.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	275.82	
			<i>For Vinlyester Resin, Add</i>	176.23	
			<i>For Epoxy Resin, Add</i>	20.77	
			<i>For Up To >10, Add</i>	198.06	
			<i>For >10 To 25, Add</i>	123.09	
			<i>For >25 To 50, Add</i>	86.44	
			<i>For >50 To 100, Add</i>	43.22	
			<i>For >500 To 1,000, Deduct</i>	-14.39	
			<i>For >1,000 To 2,000, Deduct</i>	-21.89	
			<i>For >2,000 To 5,000, Deduct</i>	-36.23	
			<i>For >5,000, Deduct</i>	-59.98	
33 01 30	72-0067	LF	13.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	321.07	
			<i>For Vinlyester Resin, Add</i>	206.50	
			<i>For Epoxy Resin, Add</i>	24.34	
			<i>For Up To >10, Add</i>	225.71	
			<i>For >10 To 25, Add</i>	138.93	
			<i>For >25 To 50, Add</i>	98.11	
			<i>For >50 To 100, Add</i>	49.05	
			<i>For >500 To 1,000, Deduct</i>	-16.71	
			<i>For >1,000 To 2,000, Deduct</i>	-25.38	
			<i>For >2,000 To 5,000, Deduct</i>	-41.92	
			<i>For >5,000, Deduct</i>	-69.43	
33 01 30	72-0068	LF	13.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	366.68	
			<i>For Vinlyester Resin, Add</i>	236.76	
			<i>For Epoxy Resin, Add</i>	27.90	
			<i>For Up To >10, Add</i>	254.47	
			<i>For >10 To 25, Add</i>	155.68	
			<i>For >25 To 50, Add</i>	110.32	
			<i>For >50 To 100, Add</i>	55.16	
			<i>For >500 To 1,000, Deduct</i>	-19.05	
			<i>For >1,000 To 2,000, Deduct</i>	-28.92	
			<i>For >2,000 To 5,000, Deduct</i>	-47.70	
			<i>For >5,000, Deduct</i>	-79.03	
33 01 30	72-0069	LF	13.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	412.80	
			<i>For Vinlyester Resin, Add</i>	267.03	
			<i>For Epoxy Resin, Add</i>	31.47	
			<i>For Up To >10, Add</i>	284.73	
			<i>For >10 To 25, Add</i>	173.69	
			<i>For >25 To 50, Add</i>	123.29	
			<i>For >50 To 100, Add</i>	61.64	
			<i>For >500 To 1,000, Deduct</i>	-21.42	
			<i>For >1,000 To 2,000, Deduct</i>	-32.53	
			<i>For >2,000 To 5,000, Deduct</i>	-53.61	
			<i>For >5,000, Deduct</i>	-88.83	
33 01 30	72-0070	LF	13.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	459.55	
			<i>For Vinlyester Resin, Add</i>	297.30	
			<i>For Epoxy Resin, Add</i>	35.04	
			<i>For Up To >10, Add</i>	316.88	
			<i>For >10 To 25, Add</i>	193.28	
			<i>For >25 To 50, Add</i>	137.20	
			<i>For >50 To 100, Add</i>	68.60	
			<i>For >500 To 1,000, Deduct</i>	-23.85	
			<i>For >1,000 To 2,000, Deduct</i>	-36.21	
			<i>For >2,000 To 5,000, Deduct</i>	-59.68	
			<i>For >5,000, Deduct</i>	-98.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0071 LF 13.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	550.40	
For Vinlyester Resin, Add	357.83	
For Epoxy Resin, Add	42.17	
For Up To >10, Add	373.25	
For >10 To 25, Add	225.85	
For >25 To 50, Add	161.07	
For >50 To 100, Add	80.53	
For >500 To 1,000, Deduct	-28.50	
For >1,000 To 2,000, Deduct	-43.24	
For >2,000 To 5,000, Deduct	-71.15	
For >5,000, Deduct	-117.92	
33 01 30 72-0072 LF 13.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	642.39	
For Vinlyester Resin, Add	418.36	
For Epoxy Resin, Add	49.31	
For Up To >10, Add	433.05	
For >10 To 25, Add	261.26	
For >25 To 50, Add	186.64	
For >50 To 100, Add	93.32	
For >500 To 1,000, Deduct	-33.24	
For >1,000 To 2,000, Deduct	-50.42	
For >2,000 To 5,000, Deduct	-82.90	
For >5,000, Deduct	-137.43	
33 01 30 72-0073 LF 13.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	736.37	
For Vinlyester Resin, Add	478.88	
For Epoxy Resin, Add	56.44	
For Up To >10, Add	498.81	
For >10 To 25, Add	301.66	
For >25 To 50, Add	215.20	
For >50 To 100, Add	107.60	
For >500 To 1,000, Deduct	-38.12	
For >1,000 To 2,000, Deduct	-57.84	
For >2,000 To 5,000, Deduct	-95.16	
For >5,000, Deduct	-157.72	
33 01 30 72-0074 15mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30 72-0075 LF 15mm Lining 15" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	252.04	
For Vinlyester Resin, Add	161.52	
For Epoxy Resin, Add	19.04	
For Up To >10, Add	179.27	
For >10 To 25, Add	110.94	
For >25 To 50, Add	78.10	
For >50 To 100, Add	39.05	
For >500 To 1,000, Deduct	-13.13	
For >1,000 To 2,000, Deduct	-19.97	
For >2,000 To 5,000, Deduct	-33.01	
For >5,000, Deduct	-54.67	
33 01 30 72-0076 LF 15mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	302.85	
For Vinlyester Resin, Add	195.15	
For Epoxy Resin, Add	23.00	
For Up To >10, Add	211.58	
For >10 To 25, Add	129.85	
For >25 To 50, Add	91.85	
For >50 To 100, Add	45.92	
For >500 To 1,000, Deduct	-15.74	
For >1,000 To 2,000, Deduct	-23.92	
For >2,000 To 5,000, Deduct	-39.47	
For >5,000, Deduct	-65.38	
33 01 30 72-0077 LF 15mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	352.90	
For Vinlyester Resin, Add	228.78	
For Epoxy Resin, Add	26.96	
For Up To >10, Add	241.63	
For >10 To 25, Add	146.88	
For >25 To 50, Add	104.47	
For >50 To 100, Add	52.24	
For >500 To 1,000, Deduct	-18.30	
For >1,000 To 2,000, Deduct	-27.77	
For >2,000 To 5,000, Deduct	-45.74	
For >5,000, Deduct	-75.79	
33 01 30 72-0078 LF 15mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	403.32	
For Vinlyester Resin, Add	262.41	
For Epoxy Resin, Add	30.93	
For Up To >10, Add	272.79	
For >10 To 25, Add	164.84	
For >25 To 50, Add	117.65	
For >50 To 100, Add	58.82	
For >500 To 1,000, Deduct	-20.88	
For >1,000 To 2,000, Deduct	-31.67	
For >2,000 To 5,000, Deduct	-52.10	
For >5,000, Deduct	-86.35	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0079	LF	15mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	454.24	
		For Vinlyester Resin, Add	296.04	
		For Epoxy Resin, Add	34.89	
		For Up To >10, Add	305.45	
		For >10 To 25, Add	184.05	
		For >25 To 50, Add	131.58	
		For >50 To 100, Add	65.79	
		For >500 To 1,000, Deduct	-23.50	
		For >1,000 To 2,000, Deduct	-35.63	
		For >2,000 To 5,000, Deduct	-58.58	
		For >5,000, Deduct	-97.11	
33 01 30 72-0080	LF	15mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	505.79	
		For Vinlyester Resin, Add	329.67	
		For Epoxy Resin, Add	38.85	
		For Up To >10, Add	340.00	
		For >10 To 25, Add	204.84	
		For >25 To 50, Add	146.45	
		For >50 To 100, Add	73.23	
		For >500 To 1,000, Deduct	-26.16	
		For >1,000 To 2,000, Deduct	-39.68	
		For >2,000 To 5,000, Deduct	-65.22	
		For >5,000, Deduct	-108.13	
33 01 30 72-0081	LF	15mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	606.25	
		For Vinlyester Resin, Add	396.92	
		For Epoxy Resin, Add	46.78	
		For Up To >10, Add	401.18	
		For >10 To 25, Add	239.81	
		For >25 To 50, Add	172.24	
		For >50 To 100, Add	86.12	
		For >500 To 1,000, Deduct	-31.29	
		For >1,000 To 2,000, Deduct	-47.43	
		For >2,000 To 5,000, Deduct	-77.85	
		For >5,000, Deduct	-129.09	
33 01 30 72-0082	LF	15mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	707.85	
		For Vinlyester Resin, Add	464.18	
		For Epoxy Resin, Add	54.71	
		For Up To >10, Add	465.78	
		For >10 To 25, Add	277.63	
		For >25 To 50, Add	199.73	
		For >50 To 100, Add	99.87	
		For >500 To 1,000, Deduct	-36.51	
		For >1,000 To 2,000, Deduct	-55.33	
		For >2,000 To 5,000, Deduct	-90.76	
		For >5,000, Deduct	-150.52	
33 01 30 72-0083	LF	15mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	811.44	
		For Vinlyester Resin, Add	531.43	
		For Epoxy Resin, Add	62.63	
		For Up To >10, Add	536.35	
		For >10 To 25, Add	320.42	
		For >25 To 50, Add	230.21	
		For >50 To 100, Add	115.11	
		For >500 To 1,000, Deduct	-41.88	
		For >1,000 To 2,000, Deduct	-63.47	
		For >2,000 To 5,000, Deduct	-104.17	
		For >5,000, Deduct	-172.74	

33 01 30 72-0084 16.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0085	LF	16.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	329.68	
		For Vinlyester Resin, Add	213.93	
		For Epoxy Resin, Add	25.21	
		For Up To >10, Add	224.99	
		For >10 To 25, Add	136.56	
		For >25 To 50, Add	97.21	
		For >50 To 100, Add	48.61	
		For >500 To 1,000, Deduct	-17.09	
		For >1,000 To 2,000, Deduct	-25.93	
		For >2,000 To 5,000, Deduct	-42.69	
		For >5,000, Deduct	-70.75	
33 01 30 72-0086	LF	16.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	384.54	
		For Vinlyester Resin, Add	250.93	
		For Epoxy Resin, Add	29.57	
		For Up To >10, Add	257.45	
		For >10 To 25, Add	154.79	
		For >25 To 50, Add	110.80	
		For >50 To 100, Add	55.40	
		For >500 To 1,000, Deduct	-19.88	
		For >1,000 To 2,000, Deduct	-30.14	
		For >2,000 To 5,000, Deduct	-49.53	
		For >5,000, Deduct	-82.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0087 LF 16.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	439.76	
For Vinlyester Resin, Add	287.92	
For Epoxy Resin, Add	33.93	
For Up To >10, Add	291.01	
For >10 To 25, Add	173.95	
For >25 To 50, Add	124.94	
For >50 To 100, Add	62.47	
For >500 To 1,000, Deduct	-22.70	
For >1,000 To 2,000, Deduct	-34.40	
For >2,000 To 5,000, Deduct	-56.47	
For >5,000, Deduct	-93.64	
33 01 30 72-0088 LF 16.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	495.49	
For Vinlyester Resin, Add	324.91	
For Epoxy Resin, Add	38.29	
For Up To >10, Add	326.07	
For >10 To 25, Add	194.37	
For >25 To 50, Add	139.83	
For >50 To 100, Add	69.91	
For >500 To 1,000, Deduct	-25.56	
For >1,000 To 2,000, Deduct	-38.73	
For >2,000 To 5,000, Deduct	-63.53	
For >5,000, Deduct	-105.36	
33 01 30 72-0089 LF 16.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	551.84	
For Vinlyester Resin, Add	361.90	
For Epoxy Resin, Add	42.65	
For Up To >10, Add	363.02	
For >10 To 25, Add	216.35	
For >25 To 50, Add	155.66	
For >50 To 100, Add	77.83	
For >500 To 1,000, Deduct	-28.46	
For >1,000 To 2,000, Deduct	-43.13	
For >2,000 To 5,000, Deduct	-70.75	
For >5,000, Deduct	-117.34	
33 01 30 72-0090 LF 16.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	661.91	
For Vinlyester Resin, Add	435.88	
For Epoxy Resin, Add	51.37	
For Up To >10, Add	429.01	
For >10 To 25, Add	253.72	
For >25 To 50, Add	183.37	
For >50 To 100, Add	91.68	
For >500 To 1,000, Deduct	-34.08	
For >1,000 To 2,000, Deduct	-51.60	
For >2,000 To 5,000, Deduct	-84.53	
For >5,000, Deduct	-140.23	
33 01 30 72-0091 LF 16.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	773.12	
For Vinlyester Resin, Add	509.87	
For Epoxy Resin, Add	60.09	
For Up To >10, Add	498.41	
For >10 To 25, Add	293.95	
For >25 To 50, Add	212.79	
For >50 To 100, Add	106.39	
For >500 To 1,000, Deduct	-39.77	
For >1,000 To 2,000, Deduct	-60.22	
For >2,000 To 5,000, Deduct	-98.59	
For >5,000, Deduct	-163.57	
33 01 30 72-0092 LF 16.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	886.32	
For Vinlyester Resin, Add	583.85	
For Epoxy Resin, Add	68.81	
For Up To >10, Add	573.79	
For >10 To 25, Add	339.14	
For >25 To 50, Add	245.19	
For >50 To 100, Add	122.59	
For >500 To 1,000, Deduct	-45.62	
For >1,000 To 2,000, Deduct	-69.09	
For >2,000 To 5,000, Deduct	-113.15	
For >5,000, Deduct	-187.71	
33 01 30 72-0093 LF 16.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	998.65	
For Vinlyester Resin, Add	657.83	
For Epoxy Resin, Add	77.53	
For Up To >10, Add	646.55	
For >10 To 25, Add	382.17	
For >25 To 50, Add	276.29	
For >50 To 100, Add	138.14	
For >500 To 1,000, Deduct	-51.40	
For >1,000 To 2,000, Deduct	-77.84	
For >2,000 To 5,000, Deduct	-127.49	
For >5,000, Deduct	-211.51	

33 01 30 72-0094 18mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0095	LF	18mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	356.95	
			For Vinlyester Resin, Add	232.59	
			For Epoxy Resin, Add	27.41	
			For Up To >10, Add	240.18	
			For >10 To 25, Add	144.77	
			For >25 To 50, Add	103.47	
			For >50 To 100, Add	51.74	
			For >500 To 1,000, Deduct	-18.46	
			For >1,000 To 2,000, Deduct	-28.01	
			For >2,000 To 5,000, Deduct	-46.04	
			For >5,000, Deduct	-76.33	
33 01 30	72-0096	LF	18mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	416.73	
			For Vinlyester Resin, Add	272.94	
			For Epoxy Resin, Add	32.17	
			For Up To >10, Add	275.39	
			For >10 To 25, Add	164.51	
			For >25 To 50, Add	118.20	
			For >50 To 100, Add	59.10	
			For >500 To 1,000, Deduct	-21.51	
			For >1,000 To 2,000, Deduct	-32.60	
			For >2,000 To 5,000, Deduct	-53.49	
			For >5,000, Deduct	-88.71	
33 01 30	72-0097	LF	18mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	476.77	
			For Vinlyester Resin, Add	313.30	
			For Epoxy Resin, Add	36.92	
			For Up To >10, Add	311.39	
			For >10 To 25, Add	184.89	
			For >25 To 50, Add	133.31	
			For >50 To 100, Add	66.66	
			For >500 To 1,000, Deduct	-24.57	
			For >1,000 To 2,000, Deduct	-37.22	
			For >2,000 To 5,000, Deduct	-61.01	
			For >5,000, Deduct	-101.19	
33 01 30	72-0098	LF	18mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	537.43	
			For Vinlyester Resin, Add	353.65	
			For Epoxy Resin, Add	41.68	
			For Up To >10, Add	349.24	
			For >10 To 25, Add	206.83	
			For >25 To 50, Add	149.36	
			For >50 To 100, Add	74.68	
			For >500 To 1,000, Deduct	-27.68	
			For >1,000 To 2,000, Deduct	-41.92	
			For >2,000 To 5,000, Deduct	-68.68	
			For >5,000, Deduct	-113.93	
33 01 30	72-0099	LF	18mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	598.58	
			For Vinlyester Resin, Add	394.00	
			For Epoxy Resin, Add	46.44	
			For Up To >10, Add	388.59	
			For >10 To 25, Add	230.02	
			For >25 To 50, Add	166.15	
			For >50 To 100, Add	83.08	
			For >500 To 1,000, Deduct	-30.82	
			For >1,000 To 2,000, Deduct	-46.68	
			For >2,000 To 5,000, Deduct	-76.47	
			For >5,000, Deduct	-126.86	
33 01 30	72-0100	LF	18mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	719.26	
			For Vinlyester Resin, Add	474.71	
			For Epoxy Resin, Add	55.95	
			For Up To >10, Add	462.38	
			For >10 To 25, Add	272.29	
			For >25 To 50, Add	197.28	
			For >50 To 100, Add	98.64	
			For >500 To 1,000, Deduct	-36.99	
			For >1,000 To 2,000, Deduct	-56.00	
			For >2,000 To 5,000, Deduct	-91.65	
			For >5,000, Deduct	-152.07	
33 01 30	72-0101	LF	18mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	840.45	
			For Vinlyester Resin, Add	555.42	
			For Epoxy Resin, Add	65.46	
			For Up To >10, Add	537.70	
			For >10 To 25, Add	315.84	
			For >25 To 50, Add	229.18	
			For >50 To 100, Add	114.59	
			For >500 To 1,000, Deduct	-43.20	
			For >1,000 To 2,000, Deduct	-65.38	
			For >2,000 To 5,000, Deduct	-106.96	
			For >5,000, Deduct	-177.49	
33 01 30	72-0102	LF	18mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	963.64	
			For Vinlyester Resin, Add	636.13	
			For Epoxy Resin, Add	74.97	
			For Up To >10, Add	619.02	
			For >10 To 25, Add	364.39	
			For >25 To 50, Add	264.07	
			For >50 To 100, Add	132.04	
			For >500 To 1,000, Deduct	-49.55	
			For >1,000 To 2,000, Deduct	-75.02	
			For >2,000 To 5,000, Deduct	-122.77	
			For >5,000, Deduct	-203.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0103 LF 18mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,085.96	
For Vinlyester Resin, Add	716.84	
For Epoxy Resin, Add	84.48	
For Up To >10, Add	697.73	
For >10 To 25, Add	410.77	
For >25 To 50, Add	297.66	
For >50 To 100, Add	148.83	
For >500 To 1,000, Deduct	-55.85	
For >1,000 To 2,000, Deduct	-84.54	
For >2,000 To 5,000, Deduct	-138.36	
For >5,000, Deduct	-229.57	
33 01 30 72-0104 LF 18mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,208.14	
For Vinlyester Resin, Add	797.55	
For Epoxy Resin, Add	94.00	
For Up To >10, Add	776.05	
For >10 To 25, Add	456.81	
For >25 To 50, Add	331.06	
For >50 To 100, Add	165.53	
For >500 To 1,000, Deduct	-62.13	
For >1,000 To 2,000, Deduct	-94.05	
For >2,000 To 5,000, Deduct	-153.92	
For >5,000, Deduct	-255.39	
33 01 30 72-0105 LF 18mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,330.84	
For Vinlyester Resin, Add	878.26	
For Epoxy Resin, Add	103.51	
For Up To >10, Add	855.90	
For >10 To 25, Add	504.14	
For >25 To 50, Add	365.22	
For >50 To 100, Add	182.61	
For >500 To 1,000, Deduct	-68.45	
For >1,000 To 2,000, Deduct	-103.62	
For >2,000 To 5,000, Deduct	-169.61	
For >5,000, Deduct	-281.41	
33 01 30 72-0106 LF 18mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,453.14	
For Vinlyester Resin, Add	958.96	
For Epoxy Resin, Add	113.02	
For Up To >10, Add	934.57	
For >10 To 25, Add	550.49	
For >25 To 50, Add	398.79	
For >50 To 100, Add	199.39	
For >500 To 1,000, Deduct	-74.74	
For >1,000 To 2,000, Deduct	-113.15	
For >2,000 To 5,000, Deduct	-185.19	
For >5,000, Deduct	-307.27	
33 01 30 72-0107 19.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0108 LF 19.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	384.42	
For Vinlyester Resin, Add	251.11	
For Epoxy Resin, Add	29.60	
For Up To >10, Add	256.44	
For >10 To 25, Add	153.91	
For >25 To 50, Add	110.28	
For >50 To 100, Add	55.14	
For >500 To 1,000, Deduct	-19.86	
For >1,000 To 2,000, Deduct	-30.12	
For >2,000 To 5,000, Deduct	-49.47	
For >5,000, Deduct	-82.02	
33 01 30 72-0109 LF 19.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	449.01	
For Vinlyester Resin, Add	294.83	
For Epoxy Resin, Add	34.75	
For Up To >10, Add	294.06	
For >10 To 25, Add	174.85	
For >25 To 50, Add	125.97	
For >50 To 100, Add	62.98	
For >500 To 1,000, Deduct	-23.15	
For >1,000 To 2,000, Deduct	-35.07	
For >2,000 To 5,000, Deduct	-57.50	
For >5,000, Deduct	-95.37	
33 01 30 72-0110 LF 19.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	513.96	
For Vinlyester Resin, Add	338.55	
For Epoxy Resin, Add	39.90	
For Up To >10, Add	332.78	
For >10 To 25, Add	196.71	
For >25 To 50, Add	142.21	
For >50 To 100, Add	71.10	
For >500 To 1,000, Deduct	-26.46	
For >1,000 To 2,000, Deduct	-40.06	
For >2,000 To 5,000, Deduct	-65.62	
For >5,000, Deduct	-108.86	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 72-0111	LF		19.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	579.17	
			For Vinlyester Resin, Add	382.26	
			For Epoxy Resin, Add	45.05	
			For Up To >10, Add	372.29	
			For >10 To 25, Add	219.22	
			For >25 To 50, Add	158.84	
			For >50 To 100, Add	79.42	
			For >500 To 1,000, Deduct	-29.79	
			For >1,000 To 2,000, Deduct	-45.09	
			For >2,000 To 5,000, Deduct	-73.80	
			For >5,000, Deduct	-122.45	
33 01 30 72-0112	LF		19.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	645.39	
			For Vinlyester Resin, Add	425.99	
			For Epoxy Resin, Add	50.21	
			For Up To >10, Add	414.80	
			For >10 To 25, Add	244.24	
			For >25 To 50, Add	176.97	
			For >50 To 100, Add	88.49	
			For >500 To 1,000, Deduct	-33.19	
			For >1,000 To 2,000, Deduct	-50.25	
			For >2,000 To 5,000, Deduct	-82.24	
			For >5,000, Deduct	-136.45	
33 01 30 72-0113	LF		19.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	776.81	
			For Vinlyester Resin, Add	513.42	
			For Epoxy Resin, Add	60.51	
			For Up To >10, Add	496.81	
			For >10 To 25, Add	291.76	
			For >25 To 50, Add	211.73	
			For >50 To 100, Add	105.87	
			For >500 To 1,000, Deduct	-39.92	
			For >1,000 To 2,000, Deduct	-60.43	
			For >2,000 To 5,000, Deduct	-98.85	
			For >5,000, Deduct	-164.03	
33 01 30 72-0114	LF		19.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	908.60	
			For Vinlyester Resin, Add	600.85	
			For Epoxy Resin, Add	70.81	
			For Up To >10, Add	579.93	
			For >10 To 25, Add	340.21	
			For >25 To 50, Add	247.05	
			For >50 To 100, Add	123.52	
			For >500 To 1,000, Deduct	-46.69	
			For >1,000 To 2,000, Deduct	-70.66	
			For >2,000 To 5,000, Deduct	-115.56	
			For >5,000, Deduct	-191.77	
33 01 30 72-0115	LF		19.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,041.27	
			For Vinlyester Resin, Add	688.28	
			For Epoxy Resin, Add	81.12	
			For Up To >10, Add	665.66	
			For >10 To 25, Add	390.84	
			For >25 To 50, Add	283.67	
			For >50 To 100, Add	141.83	
			For >500 To 1,000, Deduct	-53.51	
			For >1,000 To 2,000, Deduct	-81.00	
			For >2,000 To 5,000, Deduct	-132.49	
			For >5,000, Deduct	-219.86	
33 01 30 72-0116	LF		19.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,173.57	
			For Vinlyester Resin, Add	775.71	
			For Epoxy Resin, Add	91.42	
			For Up To >10, Add	750.31	
			For >10 To 25, Add	440.57	
			For >25 To 50, Add	319.75	
			For >50 To 100, Add	159.87	
			For >500 To 1,000, Deduct	-60.31	
			For >1,000 To 2,000, Deduct	-91.29	
			For >2,000 To 5,000, Deduct	-149.33	
			For >5,000, Deduct	-247.80	
33 01 30 72-0117	LF		19.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,305.88	
			For Vinlyester Resin, Add	863.15	
			For Epoxy Resin, Add	101.73	
			For Up To >10, Add	834.97	
			For >10 To 25, Add	490.29	
			For >25 To 50, Add	355.83	
			For >50 To 100, Add	177.91	
			For >500 To 1,000, Deduct	-67.11	
			For >1,000 To 2,000, Deduct	-101.58	
			For >2,000 To 5,000, Deduct	-166.17	
			For >5,000, Deduct	-275.74	
33 01 30 72-0118	LF		19.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,439.68	
			For Vinlyester Resin, Add	950.59	
			For Epoxy Resin, Add	112.03	
			For Up To >10, Add	924.09	
			For >10 To 25, Add	543.75	
			For >25 To 50, Add	394.15	
			For >50 To 100, Add	197.07	
			For >500 To 1,000, Deduct	-74.03	
			For >1,000 To 2,000, Deduct	-112.06	
			For >2,000 To 5,000, Deduct	-183.38	
			For >5,000, Deduct	-304.28	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0119 LF 19.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,572.10	
<i>For Vinlyester Resin, Add</i>	1,038.01	
<i>For Epoxy Resin, Add</i>	122.34	
<i>For Up To >10, Add</i>	1,009.13	
<i>For >10 To 25, Add</i>	593.79	
<i>For >25 To 50, Add</i>	430.42	
<i>For >50 To 100, Add</i>	215.21	
<i>For >500 To 1,000, Deduct</i>	-80.84	
<i>For >1,000 To 2,000, Deduct</i>	-122.37	
<i>For >2,000 To 5,000, Deduct</i>	-200.25	
<i>For >5,000, Deduct</i>	-332.27	
33 01 30 72-0120 21mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0121 LF 21mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	411.57	
<i>For Vinlyester Resin, Add</i>	269.50	
<i>For Epoxy Resin, Add</i>	31.76	
<i>For Up To >10, Add</i>	272.21	
<i>For >10 To 25, Add</i>	162.68	
<i>For >25 To 50, Add</i>	116.86	
<i>For >50 To 100, Add</i>	58.43	
<i>For >500 To 1,000, Deduct</i>	-21.24	
<i>For >1,000 To 2,000, Deduct</i>	-32.20	
<i>For >2,000 To 5,000, Deduct</i>	-52.84	
<i>For >5,000, Deduct</i>	-87.63	
33 01 30 72-0122 LF 21mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	481.08	
<i>For Vinlyester Resin, Add</i>	316.58	
<i>For Epoxy Resin, Add</i>	37.31	
<i>For Up To >10, Add</i>	312.59	
<i>For >10 To 25, Add</i>	185.12	
<i>For >25 To 50, Add</i>	133.68	
<i>For >50 To 100, Add</i>	66.84	
<i>For >500 To 1,000, Deduct</i>	-24.77	
<i>For >1,000 To 2,000, Deduct</i>	-37.52	
<i>For >2,000 To 5,000, Deduct</i>	-61.48	
<i>For >5,000, Deduct</i>	-101.98	
33 01 30 72-0123 LF 21mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	550.97	
<i>For Vinlyester Resin, Add</i>	363.66	
<i>For Epoxy Resin, Add</i>	42.86	
<i>For Up To >10, Add</i>	354.11	
<i>For >10 To 25, Add</i>	208.51	
<i>For >25 To 50, Add</i>	151.08	
<i>For >50 To 100, Add</i>	75.54	
<i>For >500 To 1,000, Deduct</i>	-28.33	
<i>For >1,000 To 2,000, Deduct</i>	-42.90	
<i>For >2,000 To 5,000, Deduct</i>	-70.20	
<i>For >5,000, Deduct</i>	-116.48	
33 01 30 72-0124 LF 21mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	620.73	
<i>For Vinlyester Resin, Add</i>	410.74	
<i>For Epoxy Resin, Add</i>	48.41	
<i>For Up To >10, Add</i>	395.27	
<i>For >10 To 25, Add</i>	231.59	
<i>For >25 To 50, Add</i>	168.29	
<i>For >50 To 100, Add</i>	84.15	
<i>For >500 To 1,000, Deduct</i>	-31.89	
<i>For >1,000 To 2,000, Deduct</i>	-48.25	
<i>For >2,000 To 5,000, Deduct</i>	-78.90	
<i>For >5,000, Deduct</i>	-130.94	
33 01 30 72-0125 LF 21mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	691.87	
<i>For Vinlyester Resin, Add</i>	457.82	
<i>For Epoxy Resin, Add</i>	53.96	
<i>For Up To >10, Add</i>	440.54	
<i>For >10 To 25, Add</i>	258.11	
<i>For >25 To 50, Add</i>	187.57	
<i>For >50 To 100, Add</i>	93.78	
<i>For >500 To 1,000, Deduct</i>	-35.54	
<i>For >1,000 To 2,000, Deduct</i>	-53.78	
<i>For >2,000 To 5,000, Deduct</i>	-87.94	
<i>For >5,000, Deduct</i>	-145.94	
33 01 30 72-0126 LF 21mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	834.15	
<i>For Vinlyester Resin, Add</i>	551.98	
<i>For Epoxy Resin, Add</i>	65.05	
<i>For Up To >10, Add</i>	531.10	
<i>For >10 To 25, Add</i>	311.16	
<i>For >25 To 50, Add</i>	226.12	
<i>For >50 To 100, Add</i>	113.06	
<i>For >500 To 1,000, Deduct</i>	-42.85	
<i>For >1,000 To 2,000, Deduct</i>	-64.84	
<i>For >2,000 To 5,000, Deduct</i>	-106.03	
<i>For >5,000, Deduct</i>	-175.95	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0127	LF	21mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	976.44	
		<i>For Vinlyester Resin, Add</i>	646.14	
		<i>For Epoxy Resin, Add</i>	76.15	
		<i>For Up To >10, Add</i>	621.67	
		<i>For >10 To 25, Add</i>	364.22	
		<i>For >25 To 50, Add</i>	264.68	
		<i>For >50 To 100, Add</i>	132.34	
		<i>For >500 To 1,000, Deduct</i>	-50.16	
		<i>For >1,000 To 2,000, Deduct</i>	-75.90	
		<i>For >2,000 To 5,000, Deduct</i>	-124.11	
		<i>For >5,000, Deduct</i>	-205.96	
33 01 30 72-0128	LF	21mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,118.72	
		<i>For Vinlyester Resin, Add</i>	740.30	
		<i>For Epoxy Resin, Add</i>	87.25	
		<i>For Up To >10, Add</i>	712.24	
		<i>For >10 To 25, Add</i>	417.27	
		<i>For >25 To 50, Add</i>	303.24	
		<i>For >50 To 100, Add</i>	151.62	
		<i>For >500 To 1,000, Deduct</i>	-57.46	
		<i>For >1,000 To 2,000, Deduct</i>	-86.96	
		<i>For >2,000 To 5,000, Deduct</i>	-142.20	
		<i>For >5,000, Deduct</i>	-235.97	
33 01 30 72-0129	LF	21mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,261.00	
		<i>For Vinlyester Resin, Add</i>	834.46	
		<i>For Epoxy Resin, Add</i>	98.35	
		<i>For Up To >10, Add</i>	802.80	
		<i>For >10 To 25, Add</i>	470.32	
		<i>For >25 To 50, Add</i>	341.80	
		<i>For >50 To 100, Add</i>	170.90	
		<i>For >500 To 1,000, Deduct</i>	-64.77	
		<i>For >1,000 To 2,000, Deduct</i>	-98.02	
		<i>For >2,000 To 5,000, Deduct</i>	-160.28	
		<i>For >5,000, Deduct</i>	-265.98	
33 01 30 72-0130	LF	21mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,403.28	
		<i>For Vinlyester Resin, Add</i>	928.61	
		<i>For Epoxy Resin, Add</i>	109.44	
		<i>For Up To >10, Add</i>	893.37	
		<i>For >10 To 25, Add</i>	523.37	
		<i>For >25 To 50, Add</i>	380.35	
		<i>For >50 To 100, Add</i>	190.18	
		<i>For >500 To 1,000, Deduct</i>	-72.08	
		<i>For >1,000 To 2,000, Deduct</i>	-109.08	
		<i>For >2,000 To 5,000, Deduct</i>	-178.36	
		<i>For >5,000, Deduct</i>	-295.99	
33 01 30 72-0131	LF	21mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,548.32	
		<i>For Vinlyester Resin, Add</i>	1,022.78	
		<i>For Epoxy Resin, Add</i>	120.54	
		<i>For Up To >10, Add</i>	992.19	
		<i>For >10 To 25, Add</i>	583.30	
		<i>For >25 To 50, Add</i>	423.04	
		<i>For >50 To 100, Add</i>	211.52	
		<i>For >500 To 1,000, Deduct</i>	-79.60	
		<i>For >1,000 To 2,000, Deduct</i>	-120.48	
		<i>For >2,000 To 5,000, Deduct</i>	-197.14	
		<i>For >5,000, Deduct</i>	-327.11	
33 01 30 72-0132	LF	21mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,690.87	
		<i>For Vinlyester Resin, Add</i>	1,116.94	
		<i>For Epoxy Resin, Add</i>	131.64	
		<i>For Up To >10, Add</i>	1,083.54	
		<i>For >10 To 25, Add</i>	637.01	
		<i>For >25 To 50, Add</i>	461.99	
		<i>For >50 To 100, Add</i>	230.99	
		<i>For >500 To 1,000, Deduct</i>	-86.92	
		<i>For >1,000 To 2,000, Deduct</i>	-131.58	
		<i>For >2,000 To 5,000, Deduct</i>	-215.29	
		<i>For >5,000, Deduct</i>	-357.22	
33 01 30 72-0133		22.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0134	LF	22.5mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	438.40	
		<i>For Vinlyester Resin, Add</i>	287.76	
		<i>For Epoxy Resin, Add</i>	33.91	
		<i>For Up To >10, Add</i>	287.48	
		<i>For >10 To 25, Add</i>	171.05	
		<i>For >25 To 50, Add</i>	123.18	
		<i>For >50 To 100, Add</i>	61.59	
		<i>For >500 To 1,000, Deduct</i>	-22.60	
		<i>For >1,000 To 2,000, Deduct</i>	-34.25	
		<i>For >2,000 To 5,000, Deduct</i>	-56.16	
		<i>For >5,000, Deduct</i>	-93.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0135 LF 22.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	512.73	
For Vinylster Resin, Add	338.21	
For Epoxy Resin, Add	39.86	
For Up To >10, Add	330.32	
For >10 To 25, Add	194.74	
For >25 To 50, Add	141.00	
For >50 To 100, Add	70.50	
For >500 To 1,000, Deduct	-26.38	
For >1,000 To 2,000, Deduct	-39.93	
For >2,000 To 5,000, Deduct	-65.37	
For >5,000, Deduct	-108.46	
33 01 30 72-0136 LF 22.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	587.79	
For Vinylster Resin, Add	388.65	
For Epoxy Resin, Add	45.80	
For Up To >10, Add	375.35	
For >10 To 25, Add	220.25	
For >25 To 50, Add	159.91	
For >50 To 100, Add	79.96	
For >500 To 1,000, Deduct	-30.20	
For >1,000 To 2,000, Deduct	-45.71	
For >2,000 To 5,000, Deduct	-74.77	
For >5,000, Deduct	-124.07	
33 01 30 72-0137 LF 22.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	663.24	
For Vinylster Resin, Add	439.09	
For Epoxy Resin, Add	51.75	
For Up To >10, Add	421.55	
For >10 To 25, Add	246.74	
For >25 To 50, Add	179.41	
For >50 To 100, Add	89.70	
For >500 To 1,000, Deduct	-34.06	
For >1,000 To 2,000, Deduct	-51.54	
For >2,000 To 5,000, Deduct	-84.26	
For >5,000, Deduct	-139.84	
33 01 30 72-0138 LF 22.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	739.43	
For Vinylster Resin, Add	489.53	
For Epoxy Resin, Add	57.69	
For Up To >10, Add	469.97	
For >10 To 25, Add	275.08	
For >25 To 50, Add	200.02	
For >50 To 100, Add	100.01	
For >500 To 1,000, Deduct	-37.97	
For >1,000 To 2,000, Deduct	-57.46	
For >2,000 To 5,000, Deduct	-93.94	
For >5,000, Deduct	-155.91	
33 01 30 72-0139 LF 22.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	891.82	
For Vinylster Resin, Add	590.42	
For Epoxy Resin, Add	69.58	
For Up To >10, Add	566.84	
For >10 To 25, Add	331.79	
For >25 To 50, Add	241.25	
For >50 To 100, Add	120.62	
For >500 To 1,000, Deduct	-45.80	
For >1,000 To 2,000, Deduct	-69.31	
For >2,000 To 5,000, Deduct	-113.31	
For >5,000, Deduct	-188.04	
33 01 30 72-0140 LF 22.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,044.21	
For Vinylster Resin, Add	691.30	
For Epoxy Resin, Add	81.47	
For Up To >10, Add	663.71	
For >10 To 25, Add	388.49	
For >25 To 50, Add	282.47	
For >50 To 100, Add	141.24	
For >500 To 1,000, Deduct	-53.63	
For >1,000 To 2,000, Deduct	-81.15	
For >2,000 To 5,000, Deduct	-132.67	
For >5,000, Deduct	-220.17	
33 01 30 72-0141 LF 22.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,196.60	
For Vinylster Resin, Add	792.18	
For Epoxy Resin, Add	93.36	
For Up To >10, Add	760.58	
For >10 To 25, Add	445.20	
For >25 To 50, Add	323.70	
For >50 To 100, Add	161.85	
For >500 To 1,000, Deduct	-61.45	
For >1,000 To 2,000, Deduct	-92.99	
For >2,000 To 5,000, Deduct	-152.03	
For >5,000, Deduct	-252.30	
33 01 30 72-0142 LF 22.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,348.99	
For Vinylster Resin, Add	893.07	
For Epoxy Resin, Add	105.25	
For Up To >10, Add	857.45	
For >10 To 25, Add	501.90	
For >25 To 50, Add	364.93	
For >50 To 100, Add	182.47	
For >500 To 1,000, Deduct	-69.28	
For >1,000 To 2,000, Deduct	-104.83	
For >2,000 To 5,000, Deduct	-171.39	
For >5,000, Deduct	-284.43	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0143 LF 22.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,501.38	
For Vinlyester Resin, Add	993.95	
For Epoxy Resin, Add	117.14	
For Up To >10, Add	954.32	
For >10 To 25, Add	558.61	
For >25 To 50, Add	406.16	
For >50 To 100, Add	203.08	
For >500 To 1,000, Deduct	-77.11	
For >1,000 To 2,000, Deduct	-116.68	
For >2,000 To 5,000, Deduct	-190.75	
For >5,000, Deduct	-316.57	
33 01 30 72-0144 LF 22.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,856.66	
For Vinlyester Resin, Add	1,094.84	
For Epoxy Resin, Add	129.03	
For Up To >10, Add	1,059.83	
For >10 To 25, Add	622.52	
For >25 To 50, Add	451.71	
For >50 To 100, Add	225.86	
For >500 To 1,000, Deduct	-85.15	
For >1,000 To 2,000, Deduct	-128.88	
For >2,000 To 5,000, Deduct	-210.84	
For >5,000, Deduct	-349.85	
33 01 30 72-0145 LF 22.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,809.31	
For Vinlyester Resin, Add	1,195.73	
For Epoxy Resin, Add	140.92	
For Up To >10, Add	1,157.48	
For >10 To 25, Add	679.87	
For >25 To 50, Add	493.33	
For >50 To 100, Add	246.67	
For >500 To 1,000, Deduct	-92.99	
For >1,000 To 2,000, Deduct	-140.75	
For >2,000 To 5,000, Deduct	-230.26	
For >5,000, Deduct	-382.09	
33 01 30 72-0146 24mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)	464.92	
33 01 30 72-0147 LF 24mm Lining 18" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	464.92	
For Vinlyester Resin, Add	305.89	
For Epoxy Resin, Add	36.05	
For Up To >10, Add	302.31	
For >10 To 25, Add	179.10	
For >25 To 50, Add	129.31	
For >50 To 100, Add	64.65	
For >500 To 1,000, Deduct	-23.94	
For >1,000 To 2,000, Deduct	-36.27	
For >2,000 To 5,000, Deduct	-59.42	
For >5,000, Deduct	-98.57	
33 01 30 72-0148 LF 24mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	544.05	
For Vinlyester Resin, Add	359.70	
For Epoxy Resin, Add	42.39	
For Up To >10, Add	347.53	
For >10 To 25, Add	203.96	
For >25 To 50, Add	148.07	
For >50 To 100, Add	74.04	
For >500 To 1,000, Deduct	-27.96	
For >1,000 To 2,000, Deduct	-42.31	
For >2,000 To 5,000, Deduct	-69.21	
For >5,000, Deduct	-114.85	
33 01 30 72-0149 LF 24mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	624.29	
For Vinlyester Resin, Add	413.50	
For Epoxy Resin, Add	48.73	
For Up To >10, Add	396.10	
For >10 To 25, Add	231.63	
For >25 To 50, Add	168.51	
For >50 To 100, Add	84.26	
For >500 To 1,000, Deduct	-32.05	
For >1,000 To 2,000, Deduct	-48.50	
For >2,000 To 5,000, Deduct	-79.28	
For >5,000, Deduct	-131.57	
33 01 30 72-0150 LF 24mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	705.54	
For Vinlyester Resin, Add	467.30	
For Epoxy Resin, Add	55.07	
For Up To >10, Add	447.70	
For >10 To 25, Add	261.82	
For >25 To 50, Add	190.47	
For >50 To 100, Add	95.23	
For >500 To 1,000, Deduct	-36.23	
For >1,000 To 2,000, Deduct	-54.81	
For >2,000 To 5,000, Deduct	-89.60	
For >5,000, Deduct	-148.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0151 LF 24mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	786.79	
For Vinylster Resin, Add	521.11	
For Epoxy Resin, Add	61.42	
For Up To >10, Add	499.27	
For >10 To 25, Add	291.99	
For >25 To 50, Add	212.41	
For >50 To 100, Add	106.21	
For >500 To 1,000, Deduct	-40.40	
For >1,000 To 2,000, Deduct	-61.13	
For >2,000 To 5,000, Deduct	-99.92	
For >5,000, Deduct	-165.83	
33 01 30 72-0152 LF 24mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	949.30	
For Vinylster Resin, Add	628.72	
For Epoxy Resin, Add	74.10	
For Up To >10, Add	602.48	
For >10 To 25, Add	352.37	
For >25 To 50, Add	256.33	
For >50 To 100, Add	128.16	
For >500 To 1,000, Deduct	-48.74	
For >1,000 To 2,000, Deduct	-73.75	
For >2,000 To 5,000, Deduct	-120.56	
For >5,000, Deduct	-200.09	
33 01 30 72-0153 LF 24mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,155.61	
For Vinylster Resin, Add	767.09	
For Epoxy Resin, Add	90.41	
For Up To >10, Add	727.23	
For >10 To 25, Add	423.39	
For >25 To 50, Add	308.82	
For >50 To 100, Add	154.41	
For >500 To 1,000, Deduct	-59.27	
For >1,000 To 2,000, Deduct	-89.66	
For >2,000 To 5,000, Deduct	-146.44	
For >5,000, Deduct	-243.08	
33 01 30 72-0154 LF 24mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,274.17	
For Vinylster Resin, Add	843.94	
For Epoxy Resin, Add	99.46	
For Up To >10, Add	808.44	
For >10 To 25, Add	472.76	
For >25 To 50, Add	343.94	
For >50 To 100, Add	171.97	
For >500 To 1,000, Deduct	-65.42	
For >1,000 To 2,000, Deduct	-98.99	
For >2,000 To 5,000, Deduct	-161.81	
For >5,000, Deduct	-268.54	
33 01 30 72-0155 LF 24mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,436.67	
For Vinylster Resin, Add	951.55	
For Epoxy Resin, Add	112.15	
For Up To >10, Add	911.61	
For >10 To 25, Add	533.12	
For >25 To 50, Add	387.84	
For >50 To 100, Add	193.92	
For >500 To 1,000, Deduct	-73.77	
For >1,000 To 2,000, Deduct	-111.62	
For >2,000 To 5,000, Deduct	-182.45	
For >5,000, Deduct	-302.80	
33 01 30 72-0156 LF 24mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,599.17	
For Vinylster Resin, Add	1,059.16	
For Epoxy Resin, Add	124.83	
For Up To >10, Add	1,014.81	
For >10 To 25, Add	593.50	
For >25 To 50, Add	431.75	
For >50 To 100, Add	215.88	
For >500 To 1,000, Deduct	-82.11	
For >1,000 To 2,000, Deduct	-124.24	
For >2,000 To 5,000, Deduct	-203.09	
For >5,000, Deduct	-337.05	
33 01 30 72-0157 LF 24mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,764.68	
For Vinylster Resin, Add	1,166.77	
For Epoxy Resin, Add	137.51	
For Up To >10, Add	1,127.02	
For >10 To 25, Add	661.38	
For >25 To 50, Add	480.17	
For >50 To 100, Add	240.08	
For >500 To 1,000, Deduct	-90.68	
For >1,000 To 2,000, Deduct	-137.24	
For >2,000 To 5,000, Deduct	-224.48	
For >5,000, Deduct	-372.51	
33 01 30 72-0158 LF 24mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,927.43	
For Vinylster Resin, Add	1,274.38	
For Epoxy Resin, Add	150.19	
For Up To >10, Add	1,230.94	
For >10 To 25, Add	722.36	
For >25 To 50, Add	524.44	
For >50 To 100, Add	262.22	
For >500 To 1,000, Deduct	-99.04	
For >1,000 To 2,000, Deduct	-149.90	
For >2,000 To 5,000, Deduct	-245.19	
For >5,000, Deduct	-406.86	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0159	LF	24mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,090.18	
			For Vinlyester Resin, Add	1,381.99	
			For Epoxy Resin, Add	162.88	
			For Up To >10, Add	1,334.87	
			For >10 To 25, Add	783.34	
			For >25 To 50, Add	568.72	
			For >50 To 100, Add	284.36	
			For >500 To 1,000, Deduct	-107.41	
			For >1,000 To 2,000, Deduct	-162.56	
			For >2,000 To 5,000, Deduct	-265.89	
			For >5,000, Deduct	-441.22	
33 01 30	72-0160	LF	24mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,252.93	
			For Vinlyester Resin, Add	1,489.60	
			For Epoxy Resin, Add	175.56	
			For Up To >10, Add	1,438.79	
			For >10 To 25, Add	844.33	
			For >25 To 50, Add	613.00	
			For >50 To 100, Add	306.50	
			For >500 To 1,000, Deduct	-115.77	
			For >1,000 To 2,000, Deduct	-175.22	
			For >2,000 To 5,000, Deduct	-286.59	
			For >5,000, Deduct	-475.57	
33 01 30	72-0161		25.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30	72-0162	LF	25.5mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	575.55	
			For Vinlyester Resin, Add	381.05	
			For Epoxy Resin, Add	44.91	
			For Up To >10, Add	365.78	
			For >10 To 25, Add	214.09	
			For >25 To 50, Add	155.67	
			For >50 To 100, Add	77.84	
			For >500 To 1,000, Deduct	-29.56	
			For >1,000 To 2,000, Deduct	-44.73	
			For >2,000 To 5,000, Deduct	-73.12	
			For >5,000, Deduct	-121.35	
33 01 30	72-0163	LF	25.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	661.36	
			For Vinlyester Resin, Add	438.21	
			For Epoxy Resin, Add	51.65	
			For Up To >10, Add	419.03	
			For >10 To 25, Add	244.86	
			For >25 To 50, Add	178.21	
			For >50 To 100, Add	89.11	
			For >500 To 1,000, Deduct	-33.95	
			For >1,000 To 2,000, Deduct	-51.37	
			For >2,000 To 5,000, Deduct	-83.96	
			For >5,000, Deduct	-139.34	
33 01 30	72-0164	LF	25.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	747.66	
			For Vinlyester Resin, Add	495.38	
			For Epoxy Resin, Add	58.38	
			For Up To >10, Add	473.76	
			For >10 To 25, Add	276.85	
			For >25 To 50, Add	201.49	
			For >50 To 100, Add	100.75	
			For >500 To 1,000, Deduct	-38.38	
			For >1,000 To 2,000, Deduct	-58.07	
			For >2,000 To 5,000, Deduct	-94.92	
			For >5,000, Deduct	-157.53	
33 01 30	72-0165	LF	25.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	833.85	
			For Vinlyester Resin, Add	552.55	
			For Epoxy Resin, Add	65.12	
			For Up To >10, Add	528.15	
			For >10 To 25, Add	308.57	
			For >25 To 50, Add	224.61	
			For >50 To 100, Add	112.30	
			For >500 To 1,000, Deduct	-42.80	
			For >1,000 To 2,000, Deduct	-64.76	
			For >2,000 To 5,000, Deduct	-105.85	
			For >5,000, Deduct	-175.67	
33 01 30	72-0166	LF	25.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,006.45	
			For Vinlyester Resin, Add	666.88	
			For Epoxy Resin, Add	78.60	
			For Up To >10, Add	637.63	
			For >10 To 25, Add	372.57	
			For >25 To 50, Add	271.18	
			For >50 To 100, Add	135.59	
			For >500 To 1,000, Deduct	-51.67	
			For >1,000 To 2,000, Deduct	-78.17	
			For >2,000 To 5,000, Deduct	-127.76	
			For >5,000, Deduct	-212.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0167 LF 25.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,178.94	
For Vinylster Resin, Add	781.22	
For Epoxy Resin, Add	92.07	
For Up To >10, Add	746.75	
For >10 To 25, Add	436.28	
For >25 To 50, Add	317.57	
For >50 To 100, Add	158.79	
For >500 To 1,000, Deduct	-60.52	
For >1,000 To 2,000, Deduct	-91.57	
For >2,000 To 5,000, Deduct	-149.65	
For >5,000, Deduct	-248.37	
33 01 30 72-0168 LF 25.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,351.55	
For Vinylster Resin, Add	895.56	
For Epoxy Resin, Add	105.55	
For Up To >10, Add	856.23	
For >10 To 25, Add	500.29	
For >25 To 50, Add	364.14	
For >50 To 100, Add	182.07	
For >500 To 1,000, Deduct	-69.38	
For >1,000 To 2,000, Deduct	-104.98	
For >2,000 To 5,000, Deduct	-171.57	
For >5,000, Deduct	-284.75	
33 01 30 72-0169 LF 25.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,524.04	
For Vinylster Resin, Add	1,009.90	
For Epoxy Resin, Add	119.02	
For Up To >10, Add	965.35	
For >10 To 25, Add	564.00	
For >25 To 50, Add	410.54	
For >50 To 100, Add	205.27	
For >500 To 1,000, Deduct	-78.24	
For >1,000 To 2,000, Deduct	-118.37	
For >2,000 To 5,000, Deduct	-193.46	
For >5,000, Deduct	-321.07	
33 01 30 72-0170 LF 25.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,696.65	
For Vinylster Resin, Add	1,124.24	
For Epoxy Resin, Add	132.50	
For Up To >10, Add	1,074.83	
For >10 To 25, Add	628.01	
For >25 To 50, Add	457.11	
For >50 To 100, Add	228.56	
For >500 To 1,000, Deduct	-87.10	
For >1,000 To 2,000, Deduct	-131.78	
For >2,000 To 5,000, Deduct	-215.38	
For >5,000, Deduct	-357.45	
33 01 30 72-0171 LF 25.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,873.26	
For Vinylster Resin, Add	1,238.57	
For Epoxy Resin, Add	145.97	
For Up To >10, Add	1,196.33	
For >10 To 25, Add	702.05	
For >25 To 50, Add	509.70	
For >50 To 100, Add	254.85	
For >500 To 1,000, Deduct	-96.26	
For >1,000 To 2,000, Deduct	-145.69	
For >2,000 To 5,000, Deduct	-238.30	
For >5,000, Deduct	-395.43	
33 01 30 72-0172 LF 25.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,046.25	
For Vinylster Resin, Add	1,352.90	
For Epoxy Resin, Add	159.45	
For Up To >10, Add	1,306.95	
For >10 To 25, Add	767.01	
For >25 To 50, Add	556.84	
For >50 To 100, Add	278.42	
For >500 To 1,000, Deduct	-105.15	
For >1,000 To 2,000, Deduct	-159.15	
For >2,000 To 5,000, Deduct	-260.31	
For >5,000, Deduct	-431.96	
33 01 30 72-0173 LF 25.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,219.12	
For Vinylster Resin, Add	1,467.24	
For Epoxy Resin, Add	172.92	
For Up To >10, Add	1,417.21	
For >10 To 25, Add	831.67	
For >25 To 50, Add	603.80	
For >50 To 100, Add	301.90	
For >500 To 1,000, Deduct	-114.03	
For >1,000 To 2,000, Deduct	-172.59	
For >2,000 To 5,000, Deduct	-282.29	
For >5,000, Deduct	-468.44	
33 01 30 72-0174 LF 25.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,392.10	
For Vinylster Resin, Add	1,581.57	
For Epoxy Resin, Add	186.40	
For Up To >10, Add	1,527.83	
For >10 To 25, Add	896.62	
For >25 To 50, Add	650.94	
For >50 To 100, Add	325.47	
For >500 To 1,000, Deduct	-122.92	
For >1,000 To 2,000, Deduct	-186.04	
For >2,000 To 5,000, Deduct	-304.30	
For >5,000, Deduct	-504.96	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR		TOTAL DIRECT	DEMOLITION
CSI	UOM DESCRIPTION	UNIT COST	UNIT COST
33 01 30 72-0175	27mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0176	LF 27mm Lining 21" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	606.75	
	For Vinlyester Resin, Add	402.27	
	For Epoxy Resin, Add	47.41	
	For Up To >10, Add	383.58	
	For >10 To 25, Add	223.87	
	For >25 To 50, Add	163.05	
	For >50 To 100, Add	81.53	
	For >500 To 1,000, Deduct	-31.14	
	For >1,000 To 2,000, Deduct	-47.11	
	For >2,000 To 5,000, Deduct	-76.98	
	For >5,000, Deduct	-127.77	
33 01 30 72-0177	LF 27mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	698.10	
	For Vinlyester Resin, Add	462.80	
	For Epoxy Resin, Add	54.54	
	For Up To >10, Add	441.45	
	For >10 To 25, Add	257.69	
	For >25 To 50, Add	187.67	
	For >50 To 100, Add	93.83	
	For >500 To 1,000, Deduct	-35.83	
	For >1,000 To 2,000, Deduct	-54.21	
	For >2,000 To 5,000, Deduct	-88.58	
	For >5,000, Deduct	-147.01	
33 01 30 72-0178	LF 27mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	789.48	
	For Vinlyester Resin, Add	523.33	
	For Epoxy Resin, Add	61.68	
	For Up To >10, Add	499.39	
	For >10 To 25, Add	291.56	
	For >25 To 50, Add	212.31	
	For >50 To 100, Add	106.16	
	For >500 To 1,000, Deduct	-40.52	
	For >1,000 To 2,000, Deduct	-61.30	
	For >2,000 To 5,000, Deduct	-100.18	
	For >5,000, Deduct	-166.27	
33 01 30 72-0179	LF 27mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	880.70	
	For Vinlyester Resin, Add	583.86	
	For Epoxy Resin, Add	68.81	
	For Up To >10, Add	556.88	
	For >10 To 25, Add	325.05	
	For >25 To 50, Add	236.73	
	For >50 To 100, Add	118.37	
	For >500 To 1,000, Deduct	-45.20	
	For >1,000 To 2,000, Deduct	-68.38	
	For >2,000 To 5,000, Deduct	-111.74	
	For >5,000, Deduct	-185.46	
33 01 30 72-0180	LF 27mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,063.29	
	For Vinlyester Resin, Add	704.92	
	For Epoxy Resin, Add	83.08	
	For Up To >10, Add	672.30	
	For >10 To 25, Add	392.41	
	For >25 To 50, Add	285.80	
	For >50 To 100, Add	142.90	
	For >500 To 1,000, Deduct	-54.57	
	For >1,000 To 2,000, Deduct	-82.56	
	For >2,000 To 5,000, Deduct	-134.91	
	For >5,000, Deduct	-223.91	
33 01 30 72-0181	LF 27mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,246.02	
	For Vinlyester Resin, Add	825.99	
	For Epoxy Resin, Add	97.35	
	For Up To >10, Add	788.11	
	For >10 To 25, Add	460.10	
	For >25 To 50, Add	335.06	
	For >50 To 100, Add	167.53	
	For >500 To 1,000, Deduct	-63.95	
	For >1,000 To 2,000, Deduct	-96.75	
	For >2,000 To 5,000, Deduct	-158.11	
	For >5,000, Deduct	-262.41	
33 01 30 72-0182	LF 27mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,428.62	
	For Vinlyester Resin, Add	947.05	
	For Epoxy Resin, Add	111.62	
	For Up To >10, Add	903.54	
	For >10 To 25, Add	527.46	
	For >25 To 50, Add	384.12	
	For >50 To 100, Add	192.06	
	For >500 To 1,000, Deduct	-73.32	
	For >1,000 To 2,000, Deduct	-110.93	
	For >2,000 To 5,000, Deduct	-181.27	
	For >5,000, Deduct	-300.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0183 LF 27mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,611.21	
For Vinlyester Resin, Add	1,068.11	
For Epoxy Resin, Add	125.88	
For Up To >10, Add	1,018.96	
For >10 To 25, Add	594.82	
For >25 To 50, Add	433.18	
For >50 To 100, Add	216.59	
For >500 To 1,000, Deduct	-82.69	
For >1,000 To 2,000, Deduct	-125.11	
For >2,000 To 5,000, Deduct	-204.44	
For >5,000, Deduct	-339.31	
33 01 30 72-0184 LF 27mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,793.80	
For Vinlyester Resin, Add	1,189.17	
For Epoxy Resin, Add	140.15	
For Up To >10, Add	1,134.38	
For >10 To 25, Add	662.18	
For >25 To 50, Add	482.25	
For >50 To 100, Add	241.12	
For >500 To 1,000, Deduct	-92.06	
For >1,000 To 2,000, Deduct	-139.28	
For >2,000 To 5,000, Deduct	-227.60	
For >5,000, Deduct	-377.76	
33 01 30 72-0185 LF 27mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,981.66	
For Vinlyester Resin, Add	1,310.23	
For Epoxy Resin, Add	154.42	
For Up To >10, Add	1,265.58	
For >10 To 25, Add	742.69	
For >25 To 50, Add	539.20	
For >50 To 100, Add	269.60	
For >500 To 1,000, Deduct	-101.83	
For >1,000 To 2,000, Deduct	-154.12	
For >2,000 To 5,000, Deduct	-252.09	
For >5,000, Deduct	-418.31	
33 01 30 72-0186 LF 27mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,164.76	
For Vinlyester Resin, Add	1,431.30	
For Epoxy Resin, Add	168.69	
For Up To >10, Add	1,382.51	
For >10 To 25, Add	811.30	
For >25 To 50, Add	589.02	
For >50 To 100, Add	294.51	
For >500 To 1,000, Deduct	-111.24	
For >1,000 To 2,000, Deduct	-168.36	
For >2,000 To 5,000, Deduct	-275.38	
For >5,000, Deduct	-456.96	
33 01 30 72-0187 LF 27mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,347.84	
For Vinlyester Resin, Add	1,552.36	
For Epoxy Resin, Add	182.96	
For Up To >10, Add	1,499.40	
For >10 To 25, Add	879.89	
For >25 To 50, Add	638.82	
For >50 To 100, Add	319.41	
For >500 To 1,000, Deduct	-120.65	
For >1,000 To 2,000, Deduct	-182.60	
For >2,000 To 5,000, Deduct	-298.67	
For >5,000, Deduct	-495.61	
33 01 30 72-0188 LF 27mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,530.94	
For Vinlyester Resin, Add	1,673.42	
For Epoxy Resin, Add	197.22	
For Up To >10, Add	1,616.32	
For >10 To 25, Add	948.50	
For >25 To 50, Add	688.63	
For >50 To 100, Add	344.32	
For >500 To 1,000, Deduct	-130.06	
For >1,000 To 2,000, Deduct	-196.84	
For >2,000 To 5,000, Deduct	-321.96	
For >5,000, Deduct	-534.26	
33 01 30 72-0189 28.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>.....	734.42	
33 01 30 72-0190 LF 28.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	487.25	
For Vinlyester Resin, Add	57.43	
For Epoxy Resin, Add	463.09	
For Up To >10, Add	269.89	
For >10 To 25, Add	196.74	
For >25 To 50, Add	98.37	
For >50 To 100, Add	-37.68	
For >500 To 1,000, Deduct	-57.00	
For >1,000 To 2,000, Deduct	-93.12	
For >2,000 To 5,000, Deduct	-154.55	
For >5,000, Deduct		

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0191	LF	28.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	830.83	
		For Vinylester Resin, Add	551.15	
		For Epoxy Resin, Add	64.96	
		For Up To >10, Add	524.12	
		For >10 To 25, Add	305.54	
		For >25 To 50, Add	222.69	
		For >50 To 100, Add	111.35	
		For >500 To 1,000, Deduct	-42.63	
		For >1,000 To 2,000, Deduct	-64.49	
		For >2,000 To 5,000, Deduct	-105.35	
		For >5,000, Deduct	-174.86	
33 01 30 72-0192	LF	28.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	927.13	
		For Vinylester Resin, Add	615.04	
		For Epoxy Resin, Add	72.49	
		For Up To >10, Add	584.82	
		For >10 To 25, Add	340.91	
		For >25 To 50, Add	248.48	
		For >50 To 100, Add	124.24	
		For >500 To 1,000, Deduct	-47.57	
		For >1,000 To 2,000, Deduct	-71.96	
		For >2,000 To 5,000, Deduct	-117.56	
		For >5,000, Deduct	-195.13	
33 01 30 72-0193	LF	28.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,173.66	
		For Vinylester Resin, Add	780.60	
		For Epoxy Resin, Add	92.00	
		For Up To >10, Add	733.13	
		For >10 To 25, Add	425.09	
		For >25 To 50, Add	310.81	
		For >50 To 100, Add	155.40	
		For >500 To 1,000, Deduct	-60.15	
		For >1,000 To 2,000, Deduct	-90.95	
		For >2,000 To 5,000, Deduct	-148.45	
		For >5,000, Deduct	-246.44	
33 01 30 72-0194	LF	28.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,312.40	
		For Vinylester Resin, Add	870.61	
		For Epoxy Resin, Add	102.61	
		For Up To >10, Add	827.88	
		For >10 To 25, Add	482.61	
		For >25 To 50, Add	351.75	
		For >50 To 100, Add	175.88	
		For >500 To 1,000, Deduct	-67.34	
		For >1,000 To 2,000, Deduct	-101.86	
		For >2,000 To 5,000, Deduct	-166.42	
		For >5,000, Deduct	-276.21	
33 01 30 72-0195	LF	28.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,504.99	
		For Vinylester Resin, Add	998.40	
		For Epoxy Resin, Add	117.67	
		For Up To >10, Add	949.25	
		For >10 To 25, Add	553.32	
		For >25 To 50, Add	403.31	
		For >50 To 100, Add	201.65	
		For >500 To 1,000, Deduct	-77.22	
		For >1,000 To 2,000, Deduct	-116.81	
		For >2,000 To 5,000, Deduct	-190.83	
		For >5,000, Deduct	-316.74	
33 01 30 72-0196	LF	28.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,697.57	
		For Vinylester Resin, Add	1,126.20	
		For Epoxy Resin, Add	132.73	
		For Up To >10, Add	1,070.59	
		For >10 To 25, Add	624.01	
		For >25 To 50, Add	454.85	
		For >50 To 100, Add	227.43	
		For >500 To 1,000, Deduct	-87.10	
		For >1,000 To 2,000, Deduct	-131.75	
		For >2,000 To 5,000, Deduct	-215.24	
		For >5,000, Deduct	-357.26	
33 01 30 72-0197	LF	28.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,890.14	
		For Vinylester Resin, Add	1,253.98	
		For Epoxy Resin, Add	147.79	
		For Up To >10, Add	1,191.92	
		For >10 To 25, Add	694.70	
		For >25 To 50, Add	506.39	
		For >50 To 100, Add	253.20	
		For >500 To 1,000, Deduct	-96.98	
		For >1,000 To 2,000, Deduct	-146.70	
		For >2,000 To 5,000, Deduct	-239.65	
		For >5,000, Deduct	-397.78	
33 01 30 72-0198	LF	28.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,088.24	
		For Vinylester Resin, Add	1,381.77	
		For Epoxy Resin, Add	162.85	
		For Up To >10, Add	1,329.85	
		For >10 To 25, Add	779.21	
		For >25 To 50, Add	566.23	
		For >50 To 100, Add	283.11	
		For >500 To 1,000, Deduct	-107.27	
		For >1,000 To 2,000, Deduct	-162.33	
		For >2,000 To 5,000, Deduct	-265.45	
		For >5,000, Deduct	-440.51	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0199 LF 28.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,281.31	
<i>For Vinlyester Resin, Add</i>	1,509.55	
<i>For Epoxy Resin, Add</i>	177.91	
<i>For Up To >10, Add</i>	1,452.68	
<i>For >10 To 25, Add</i>	851.15	
<i>For >25 To 50, Add</i>	618.52	
<i>For >50 To 100, Add</i>	309.26	
<i>For >500 To 1,000, Deduct</i>	-117.19	
<i>For >1,000 To 2,000, Deduct</i>	-177.34	
<i>For >2,000 To 5,000, Deduct</i>	-289.98	
<i>For >5,000, Deduct</i>	-481.22	
33 01 30 72-0200 LF 28.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,474.52	
<i>For Vinlyester Resin, Add</i>	1,637.34	
<i>For Epoxy Resin, Add</i>	192.97	
<i>For Up To >10, Add</i>	1,575.91	
<i>For >10 To 25, Add</i>	923.42	
<i>For >25 To 50, Add</i>	671.00	
<i>For >50 To 100, Add</i>	335.50	
<i>For >500 To 1,000, Deduct</i>	-127.11	
<i>For >1,000 To 2,000, Deduct</i>	-192.36	
<i>For >2,000 To 5,000, Deduct</i>	-314.55	
<i>For >5,000, Deduct</i>	-522.00	
33 01 30 72-0201 LF 28.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,667.59	
<i>For Vinlyester Resin, Add</i>	1,765.13	
<i>For Epoxy Resin, Add</i>	208.03	
<i>For Up To >10, Add</i>	1,698.75	
<i>For >10 To 25, Add</i>	995.35	
<i>For >25 To 50, Add</i>	723.29	
<i>For >50 To 100, Add</i>	361.65	
<i>For >500 To 1,000, Deduct</i>	-137.03	
<i>For >1,000 To 2,000, Deduct</i>	-207.37	
<i>For >2,000 To 5,000, Deduct</i>	-339.09	
<i>For >5,000, Deduct</i>	-562.71	
33 01 30 72-0202 30mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0203 LF 30mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	770.54	
<i>For Vinlyester Resin, Add</i>	511.57	
<i>For Epoxy Resin, Add</i>	60.29	
<i>For Up To >10, Add</i>	484.57	
<i>For >10 To 25, Add</i>	282.01	
<i>For >25 To 50, Add</i>	205.74	
<i>For >50 To 100, Add</i>	102.87	
<i>For >500 To 1,000, Deduct</i>	-39.52	
<i>For >1,000 To 2,000, Deduct</i>	-59.78	
<i>For >2,000 To 5,000, Deduct</i>	-97.63	
<i>For >5,000, Deduct</i>	-162.05	
33 01 30 72-0204 LF 30mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	871.89	
<i>For Vinlyester Resin, Add</i>	578.83	
<i>For Epoxy Resin, Add</i>	68.22	
<i>For Up To >10, Add</i>	548.42	
<i>For >10 To 25, Add</i>	319.20	
<i>For >25 To 50, Add</i>	232.87	
<i>For >50 To 100, Add</i>	116.43	
<i>For >500 To 1,000, Deduct</i>	-44.72	
<i>For >1,000 To 2,000, Deduct</i>	-67.64	
<i>For >2,000 To 5,000, Deduct</i>	-110.48	
<i>For >5,000, Deduct</i>	-183.38	
33 01 30 72-0205 LF 30mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	973.23	
<i>For Vinlyester Resin, Add</i>	646.09	
<i>For Epoxy Resin, Add</i>	76.15	
<i>For Up To >10, Add</i>	612.24	
<i>For >10 To 25, Add</i>	356.37	
<i>For >25 To 50, Add</i>	259.97	
<i>For >50 To 100, Add</i>	129.99	
<i>For >500 To 1,000, Deduct</i>	-49.92	
<i>For >1,000 To 2,000, Deduct</i>	-75.50	
<i>For >2,000 To 5,000, Deduct</i>	-123.32	
<i>For >5,000, Deduct</i>	-204.70	
33 01 30 72-0206 LF 30mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,175.79	
<i>For Vinlyester Resin, Add</i>	780.60	
<i>For Epoxy Resin, Add</i>	92.00	
<i>For Up To >10, Add</i>	739.52	
<i>For >10 To 25, Add</i>	430.41	
<i>For >25 To 50, Add</i>	314.00	
<i>For >50 To 100, Add</i>	157.00	
<i>For >500 To 1,000, Deduct</i>	-60.31	
<i>For >1,000 To 2,000, Deduct</i>	-91.22	
<i>For >2,000 To 5,000, Deduct</i>	-148.98	
<i>For >5,000, Deduct</i>	-247.29	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0207	LF	30mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,378.47	
			For Vinlyester Resin, Add	915.11	
			For Epoxy Resin, Add	107.85	
			For Up To >10, Add	867.16	
			For >10 To 25, Add	504.75	
			For >25 To 50, Add	368.22	
			For >50 To 100, Add	184.11	
			For >500 To 1,000, Deduct	-70.70	
			For >1,000 To 2,000, Deduct	-106.94	
			For >2,000 To 5,000, Deduct	-174.67	
			For >5,000, Deduct	-289.93	
33 01 30	72-0208	LF	30mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,581.05	
			For Vinlyester Resin, Add	1,049.63	
			For Epoxy Resin, Add	123.71	
			For Up To >10, Add	994.48	
			For >10 To 25, Add	578.82	
			For >25 To 50, Add	422.26	
			For >50 To 100, Add	211.13	
			For >500 To 1,000, Deduct	-81.09	
			For >1,000 To 2,000, Deduct	-122.66	
			For >2,000 To 5,000, Deduct	-200.33	
			For >5,000, Deduct	-332.53	
33 01 30	72-0209	LF	30mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,783.74	
			For Vinlyester Resin, Add	1,184.14	
			For Epoxy Resin, Add	139.56	
			For Up To >10, Add	1,122.15	
			For >10 To 25, Add	653.18	
			For >25 To 50, Add	476.49	
			For >50 To 100, Add	238.25	
			For >500 To 1,000, Deduct	-91.49	
			For >1,000 To 2,000, Deduct	-138.39	
			For >2,000 To 5,000, Deduct	-226.02	
			For >5,000, Deduct	-375.17	
33 01 30	72-0210	LF	30mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,986.29	
			For Vinlyester Resin, Add	1,318.65	
			For Epoxy Resin, Add	155.41	
			For Up To >10, Add	1,249.40	
			For >10 To 25, Add	727.20	
			For >25 To 50, Add	530.51	
			For >50 To 100, Add	265.25	
			For >500 To 1,000, Deduct	-101.88	
			For >1,000 To 2,000, Deduct	-154.10	
			For >2,000 To 5,000, Deduct	-251.68	
			For >5,000, Deduct	-417.76	
33 01 30	72-0211	LF	30mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,194.62	
			For Vinlyester Resin, Add	1,453.17	
			For Epoxy Resin, Add	171.27	
			For Up To >10, Add	1,393.99	
			For >10 To 25, Add	815.66	
			For >25 To 50, Add	593.20	
			For >50 To 100, Add	296.60	
			For >500 To 1,000, Deduct	-112.70	
			For >1,000 To 2,000, Deduct	-170.53	
			For >2,000 To 5,000, Deduct	-278.78	
			For >5,000, Deduct	-462.66	
33 01 30	72-0212	LF	30mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,397.69	
			For Vinlyester Resin, Add	1,587.68	
			For Epoxy Resin, Add	187.12	
			For Up To >10, Add	1,522.77	
			For >10 To 25, Add	890.96	
			For >25 To 50, Add	647.98	
			For >50 To 100, Add	323.99	
			For >500 To 1,000, Deduct	-123.12	
			For >1,000 To 2,000, Deduct	-186.31	
			For >2,000 To 5,000, Deduct	-304.57	
			For >5,000, Deduct	-505.45	
33 01 30	72-0213	LF	30mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,600.88	
			For Vinlyester Resin, Add	1,722.20	
			For Epoxy Resin, Add	202.97	
			For Up To >10, Add	1,651.94	
			For >10 To 25, Add	966.57	
			For >25 To 50, Add	702.96	
			For >50 To 100, Add	351.48	
			For >500 To 1,000, Deduct	-133.56	
			For >1,000 To 2,000, Deduct	-202.10	
			For >2,000 To 5,000, Deduct	-330.38	
			For >5,000, Deduct	-548.30	
33 01 30	72-0214	LF	30mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,804.07	
			For Vinlyester Resin, Add	1,856.71	
			For Epoxy Resin, Add	218.83	
			For Up To >10, Add	1,781.11	
			For >10 To 25, Add	1,042.19	
			For >25 To 50, Add	757.93	
			For >50 To 100, Add	378.97	
			For >500 To 1,000, Deduct	-143.99	
			For >1,000 To 2,000, Deduct	-217.89	
			For >2,000 To 5,000, Deduct	-356.20	
			For >5,000, Deduct	-591.14	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0215 LF 30mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,007.13	
For Vinylster Resin, Add	1,991.22	
For Epoxy Resin, Add	234.68	
For Up To >10, Add	1,909.89	
For >10 To 25, Add	1,117.48	
For >25 To 50, Add	812.72	
For >50 To 100, Add	406.36	
For >500 To 1,000, Deduct	-154.42	
For >1,000 To 2,000, Deduct	-233.66	
For >2,000 To 5,000, Deduct	-381.98	
For >5,000, Deduct	-633.93	
33 01 30 72-0216 LF 30mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,210.32	
For Vinylster Resin, Add	2,125.73	
For Epoxy Resin, Add	250.53	
For Up To >10, Add	2,039.06	
For >10 To 25, Add	1,193.09	
For >25 To 50, Add	867.69	
For >50 To 100, Add	433.85	
For >500 To 1,000, Deduct	-164.86	
For >1,000 To 2,000, Deduct	-249.45	
For >2,000 To 5,000, Deduct	-407.80	
For >5,000, Deduct	-676.78	
33 01 30 72-0217 31.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)		
33 01 30 72-0218 LF 31.5mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	806.48	
For Vinylster Resin, Add	535.77	
For Epoxy Resin, Add	63.14	
For Up To >10, Add	505.99	
For >10 To 25, Add	294.10	
For >25 To 50, Add	214.73	
For >50 To 100, Add	107.36	
For >500 To 1,000, Deduct	-41.35	
For >1,000 To 2,000, Deduct	-62.54	
For >2,000 To 5,000, Deduct	-102.12	
For >5,000, Deduct	-169.52	
33 01 30 72-0219 LF 31.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	912.75	
For Vinylster Resin, Add	606.38	
For Epoxy Resin, Add	71.47	
For Up To >10, Add	572.60	
For >10 To 25, Add	332.79	
For >25 To 50, Add	242.99	
For >50 To 100, Add	121.49	
For >500 To 1,000, Deduct	-46.80	
For >1,000 To 2,000, Deduct	-70.78	
For >2,000 To 5,000, Deduct	-115.57	
For >5,000, Deduct	-191.85	
33 01 30 72-0220 LF 31.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,019.01	
For Vinylster Resin, Add	677.00	
For Epoxy Resin, Add	79.79	
For Up To >10, Add	639.18	
For >10 To 25, Add	371.46	
For >25 To 50, Add	271.23	
For >50 To 100, Add	135.62	
For >500 To 1,000, Deduct	-52.25	
For >1,000 To 2,000, Deduct	-79.02	
For >2,000 To 5,000, Deduct	-129.02	
For >5,000, Deduct	-214.18	
33 01 30 72-0221 LF 31.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,231.69	
For Vinylster Resin, Add	818.24	
For Epoxy Resin, Add	96.44	
For Up To >10, Add	772.80	
For >10 To 25, Add	449.18	
For >25 To 50, Add	327.95	
For >50 To 100, Add	163.98	
For >500 To 1,000, Deduct	-63.15	
For >1,000 To 2,000, Deduct	-95.52	
For >2,000 To 5,000, Deduct	-155.96	
For >5,000, Deduct	-258.89	
33 01 30 72-0222 LF 31.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,444.25	
For Vinylster Resin, Add	959.48	
For Epoxy Resin, Add	113.08	
For Up To >10, Add	906.03	
For >10 To 25, Add	526.57	
For >25 To 50, Add	384.48	
For >50 To 100, Add	192.24	
For >500 To 1,000, Deduct	-74.05	
For >1,000 To 2,000, Deduct	-112.00	
For >2,000 To 5,000, Deduct	-182.87	
For >5,000, Deduct	-303.56	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0223	LF	31.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,656.92	
			For Vinlyester Resin, Add	1,100.72	
			For Epoxy Resin, Add	129.73	
			For Up To >10, Add	1,039.61	
			For >10 To 25, Add	604.27	
			For >25 To 50, Add	441.18	
			For >50 To 100, Add	220.59	
			For >500 To 1,000, Deduct	-84.96	
			For >1,000 To 2,000, Deduct	-128.49	
			For >2,000 To 5,000, Deduct	-209.81	
			For >5,000, Deduct	-348.28	
33 01 30	72-0224	LF	31.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,869.46	
			For Vinlyester Resin, Add	1,241.95	
			For Epoxy Resin, Add	146.37	
			For Up To >10, Add	1,172.83	
			For >10 To 25, Add	681.66	
			For >25 To 50, Add	497.70	
			For >50 To 100, Add	248.85	
			For >500 To 1,000, Deduct	-95.85	
			For >1,000 To 2,000, Deduct	-144.97	
			For >2,000 To 5,000, Deduct	-236.72	
			For >5,000, Deduct	-392.94	
33 01 30	72-0225	LF	31.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,082.00	
			For Vinlyester Resin, Add	1,383.19	
			For Epoxy Resin, Add	163.02	
			For Up To >10, Add	1,306.03	
			For >10 To 25, Add	759.02	
			For >25 To 50, Add	554.21	
			For >50 To 100, Add	277.11	
			For >500 To 1,000, Deduct	-106.75	
			For >1,000 To 2,000, Deduct	-161.45	
			For >2,000 To 5,000, Deduct	-263.62	
			For >5,000, Deduct	-437.60	
33 01 30	72-0226	LF	31.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,300.58	
			For Vinlyester Resin, Add	1,524.44	
			For Epoxy Resin, Add	179.67	
			For Up To >10, Add	1,457.32	
			For >10 To 25, Add	851.47	
			For >25 To 50, Add	619.77	
			For >50 To 100, Add	309.88	
			For >500 To 1,000, Deduct	-118.10	
			For >1,000 To 2,000, Deduct	-178.68	
			For >2,000 To 5,000, Deduct	-292.03	
			For >5,000, Deduct	-484.68	
33 01 30	72-0227	LF	31.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,530.12	
			For Vinlyester Resin, Add	1,677.05	
			For Epoxy Resin, Add	197.65	
			For Up To >10, Add	1,600.89	
			For >10 To 25, Add	934.77	
			For >25 To 50, Add	680.65	
			For >50 To 100, Add	340.33	
			For >500 To 1,000, Deduct	-129.86	
			For >1,000 To 2,000, Deduct	-196.48	
			For >2,000 To 5,000, Deduct	-321.08	
			For >5,000, Deduct	-532.89	
33 01 30	72-0228	LF	31.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,726.79	
			For Vinlyester Resin, Add	1,806.91	
			For Epoxy Resin, Add	212.96	
			For Up To >10, Add	1,727.12	
			For >10 To 25, Add	1,009.05	
			For >25 To 50, Add	734.50	
			For >50 To 100, Add	367.25	
			For >500 To 1,000, Deduct	-139.98	
			For >1,000 To 2,000, Deduct	-211.78	
			For >2,000 To 5,000, Deduct	-346.13	
			For >5,000, Deduct	-574.46	
33 01 30	72-0229	LF	31.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,939.96	
			For Vinlyester Resin, Add	1,948.15	
			For Epoxy Resin, Add	229.60	
			For Up To >10, Add	1,862.21	
			For >10 To 25, Add	1,087.99	
			For >25 To 50, Add	791.95	
			For >50 To 100, Add	395.97	
			For >500 To 1,000, Deduct	-150.92	
			For >1,000 To 2,000, Deduct	-228.34	
			For >2,000 To 5,000, Deduct	-373.19	
			For >5,000, Deduct	-619.37	
33 01 30	72-0230	LF	31.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,153.00	
			For Vinlyester Resin, Add	2,089.39	
			For Epoxy Resin, Add	246.25	
			For Up To >10, Add	1,996.90	
			For >10 To 25, Add	1,166.61	
			For >25 To 50, Add	849.21	
			For >50 To 100, Add	424.60	
			For >500 To 1,000, Deduct	-161.85	
			For >1,000 To 2,000, Deduct	-244.88	
			For >2,000 To 5,000, Deduct	-400.22	
			For >5,000, Deduct	-664.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0231 LF 31.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,366.18	
For Vinlyester Resin, Add	2,230.63	
For Epoxy Resin, Add	262.90	
For Up To >10, Add	2,132.02	
For >10 To 25, Add	1,245.58	
For >25 To 50, Add	906.68	
For >50 To 100, Add	453.34	
For >500 To 1,000, Deduct	-172.80	
For >1,000 To 2,000, Deduct	-261.44	
For >2,000 To 5,000, Deduct	-427.29	
For >5,000, Deduct	-709.15	
33 01 30 72-0232 33mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0233 LF 33mm Lining 24" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	842.09	
For Vinlyester Resin, Add	559.82	
For Epoxy Resin, Add	65.98	
For Up To >10, Add	526.92	
For >10 To 25, Add	305.81	
For >25 To 50, Add	223.47	
For >50 To 100, Add	111.74	
For >500 To 1,000, Deduct	-43.16	
For >1,000 To 2,000, Deduct	-65.27	
For >2,000 To 5,000, Deduct	-106.56	
For >5,000, Deduct	-176.89	
33 01 30 72-0234 LF 33mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	953.43	
For Vinlyester Resin, Add	633.80	
For Epoxy Resin, Add	74.70	
For Up To >10, Add	596.72	
For >10 To 25, Add	346.36	
For >25 To 50, Add	253.09	
For >50 To 100, Add	126.54	
For >500 To 1,000, Deduct	-48.87	
For >1,000 To 2,000, Deduct	-73.91	
For >2,000 To 5,000, Deduct	-120.65	
For >5,000, Deduct	-200.29	
33 01 30 72-0235 LF 33mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,064.63	
For Vinlyester Resin, Add	707.78	
For Epoxy Resin, Add	83.42	
For Up To >10, Add	666.09	
For >10 To 25, Add	386.56	
For >25 To 50, Add	282.49	
For >50 To 100, Add	141.24	
For >500 To 1,000, Deduct	-54.57	
For >1,000 To 2,000, Deduct	-82.52	
For >2,000 To 5,000, Deduct	-134.71	
For >5,000, Deduct	-223.63	
33 01 30 72-0236 LF 33mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,287.28	
For Vinlyester Resin, Add	855.75	
For Epoxy Resin, Add	100.86	
For Up To >10, Add	805.59	
For >10 To 25, Add	467.58	
For >25 To 50, Add	341.67	
For >50 To 100, Add	170.84	
For >500 To 1,000, Deduct	-65.98	
For >1,000 To 2,000, Deduct	-99.79	
For >2,000 To 5,000, Deduct	-162.90	
For >5,000, Deduct	-270.41	
33 01 30 72-0237 LF 33mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,509.81	
For Vinlyester Resin, Add	1,003.71	
For Epoxy Resin, Add	118.29	
For Up To >10, Add	944.76	
For >10 To 25, Add	548.32	
For >25 To 50, Add	400.68	
For >50 To 100, Add	200.34	
For >500 To 1,000, Deduct	-77.39	
For >1,000 To 2,000, Deduct	-117.03	
For >2,000 To 5,000, Deduct	-191.05	
For >5,000, Deduct	-317.15	
33 01 30 72-0238 LF 33mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,732.47	
For Vinlyester Resin, Add	1,151.68	
For Epoxy Resin, Add	135.73	
For Up To >10, Add	1,084.26	
For >10 To 25, Add	629.34	
For >25 To 50, Add	459.87	
For >50 To 100, Add	229.93	
For >500 To 1,000, Deduct	-88.80	
For >1,000 To 2,000, Deduct	-134.30	
For >2,000 To 5,000, Deduct	-219.23	
For >5,000, Deduct	-363.94	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30	72-0239	LF	33mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,955.00	
			<i>For Vinlyester Resin, Add</i>	1,299.64	
			<i>For Epoxy Resin, Add</i>	153.17	
			<i>For Up To >10, Add</i>	1,223.43	
			<i>For >10 To 25, Add</i>	710.08	
			<i>For >25 To 50, Add</i>	518.88	
			<i>For >50 To 100, Add</i>	259.44	
			<i>For >500 To 1,000, Deduct</i>	-100.21	
			<i>For >1,000 To 2,000, Deduct</i>	-151.54	
			<i>For >2,000 To 5,000, Deduct</i>	-247.39	
			<i>For >5,000, Deduct</i>	-410.67	
33 01 30	72-0240	LF	33mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,177.53	
			<i>For Vinlyester Resin, Add</i>	1,447.61	
			<i>For Epoxy Resin, Add</i>	170.61	
			<i>For Up To >10, Add</i>	1,362.57	
			<i>For >10 To 25, Add</i>	790.80	
			<i>For >25 To 50, Add</i>	577.88	
			<i>For >50 To 100, Add</i>	288.94	
			<i>For >500 To 1,000, Deduct</i>	-111.61	
			<i>For >1,000 To 2,000, Deduct</i>	-168.79	
			<i>For >2,000 To 5,000, Deduct</i>	-275.54	
			<i>For >5,000, Deduct</i>	-457.41	
33 01 30	72-0241	LF	33mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,406.21	
			<i>For Vinlyester Resin, Add</i>	1,595.57	
			<i>For Epoxy Resin, Add</i>	188.05	
			<i>For Up To >10, Add</i>	1,520.16	
			<i>For >10 To 25, Add</i>	886.90	
			<i>For >25 To 50, Add</i>	646.11	
			<i>For >50 To 100, Add</i>	323.05	
			<i>For >500 To 1,000, Deduct</i>	-123.48	
			<i>For >1,000 To 2,000, Deduct</i>	-186.81	
			<i>For >2,000 To 5,000, Deduct</i>	-305.23	
			<i>For >5,000, Deduct</i>	-506.61	
33 01 30	72-0242	LF	33mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,629.74	
			<i>For Vinlyester Resin, Add</i>	1,743.54	
			<i>For Epoxy Resin, Add</i>	205.49	
			<i>For Up To >10, Add</i>	1,662.30	
			<i>For >10 To 25, Add</i>	970.12	
			<i>For >25 To 50, Add</i>	706.61	
			<i>For >50 To 100, Add</i>	353.30	
			<i>For >500 To 1,000, Deduct</i>	-134.96	
			<i>For >1,000 To 2,000, Deduct</i>	-204.18	
			<i>For >2,000 To 5,000, Deduct</i>	-333.63	
			<i>For >5,000, Deduct</i>	-553.74	
33 01 30	72-0243	LF	33mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,852.39	
			<i>For Vinlyester Resin, Add</i>	1,891.50	
			<i>For Epoxy Resin, Add</i>	222.93	
			<i>For Up To >10, Add</i>	1,801.82	
			<i>For >10 To 25, Add</i>	1,051.16	
			<i>For >25 To 50, Add</i>	765.80	
			<i>For >50 To 100, Add</i>	382.90	
			<i>For >500 To 1,000, Deduct</i>	-146.38	
			<i>For >1,000 To 2,000, Deduct</i>	-221.44	
			<i>For >2,000 To 5,000, Deduct</i>	-361.82	
			<i>For >5,000, Deduct</i>	-600.53	
33 01 30	72-0244	LF	33mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,075.54	
			<i>For Vinlyester Resin, Add</i>	2,039.46	
			<i>For Epoxy Resin, Add</i>	240.37	
			<i>For Up To >10, Add</i>	1,942.82	
			<i>For >10 To 25, Add</i>	1,133.43	
			<i>For >25 To 50, Add</i>	825.73	
			<i>For >50 To 100, Add</i>	412.87	
			<i>For >500 To 1,000, Deduct</i>	-157.83	
			<i>For >1,000 To 2,000, Deduct</i>	-238.77	
			<i>For >2,000 To 5,000, Deduct</i>	-390.13	
			<i>For >5,000, Deduct</i>	-647.51	
33 01 30	72-0245	LF	33mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,298.71	
			<i>For Vinlyester Resin, Add</i>	2,187.43	
			<i>For Epoxy Resin, Add</i>	257.80	
			<i>For Up To >10, Add</i>	2,083.88	
			<i>For >10 To 25, Add</i>	1,215.75	
			<i>For >25 To 50, Add</i>	885.70	
			<i>For >50 To 100, Add</i>	442.85	
			<i>For >500 To 1,000, Deduct</i>	-169.28	
			<i>For >1,000 To 2,000, Deduct</i>	-256.09	
			<i>For >2,000 To 5,000, Deduct</i>	-418.44	
			<i>For >5,000, Deduct</i>	-694.50	
33 01 30	72-0246	LF	33mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,521.87	
			<i>For Vinlyester Resin, Add</i>	2,335.40	
			<i>For Epoxy Resin, Add</i>	275.24	
			<i>For Up To >10, Add</i>	2,224.91	
			<i>For >10 To 25, Add</i>	1,298.05	
			<i>For >25 To 50, Add</i>	945.64	
			<i>For >50 To 100, Add</i>	472.82	
			<i>For >500 To 1,000, Deduct</i>	-180.73	
			<i>For >1,000 To 2,000, Deduct</i>	-273.42	
			<i>For >2,000 To 5,000, Deduct</i>	-446.75	
			<i>For >5,000, Deduct</i>	-741.49	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0247 34.5mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0248 LF 34.5mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	993.53	
For Vinylster Resin, Add	661.09	
For Epoxy Resin, Add	77.91	
For Up To >10, Add	619.57	
For >10 To 25, Add	358.90	
For >25 To 50, Add	262.56	
For >50 To 100, Add	131.28	
For >500 To 1,000, Deduct	-50.90	
For >1,000 To 2,000, Deduct	-76.97	
For >2,000 To 5,000, Deduct	-125.61	
For >5,000, Deduct	-208.53	
33 01 30 72-0249 LF 34.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,109.78	
For Vinylster Resin, Add	738.43	
For Epoxy Resin, Add	87.03	
For Up To >10, Add	692.09	
For >10 To 25, Add	400.93	
For >25 To 50, Add	293.30	
For >50 To 100, Add	146.65	
For >500 To 1,000, Deduct	-56.86	
For >1,000 To 2,000, Deduct	-85.98	
For >2,000 To 5,000, Deduct	-140.31	
For >5,000, Deduct	-232.93	
33 01 30 72-0250 LF 34.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,342.31	
For Vinylster Resin, Add	893.12	
For Epoxy Resin, Add	105.26	
For Up To >10, Add	837.21	
For >10 To 25, Add	485.02	
For >25 To 50, Add	354.81	
For >50 To 100, Add	177.40	
For >500 To 1,000, Deduct	-68.78	
For >1,000 To 2,000, Deduct	-103.99	
For >2,000 To 5,000, Deduct	-169.71	
For >5,000, Deduct	-281.75	
33 01 30 72-0251 LF 34.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,574.70	
For Vinylster Resin, Add	1,047.82	
For Epoxy Resin, Add	123.49	
For Up To >10, Add	981.90	
For >10 To 25, Add	568.77	
For >25 To 50, Add	416.11	
For >50 To 100, Add	208.05	
For >500 To 1,000, Deduct	-80.68	
For >1,000 To 2,000, Deduct	-121.99	
For >2,000 To 5,000, Deduct	-199.08	
For >5,000, Deduct	-330.50	
33 01 30 72-0252 LF 34.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,807.20	
For Vinylster Resin, Add	1,202.50	
For Epoxy Resin, Add	141.72	
For Up To >10, Add	1,126.95	
For >10 To 25, Add	652.82	
For >25 To 50, Add	477.58	
For >50 To 100, Add	238.79	
For >500 To 1,000, Deduct	-92.59	
For >1,000 To 2,000, Deduct	-140.01	
For >2,000 To 5,000, Deduct	-228.48	
For >5,000, Deduct	-379.31	
33 01 30 72-0253 LF 34.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,039.60	
For Vinylster Resin, Add	1,357.20	
For Epoxy Resin, Add	159.96	
For Up To >10, Add	1,271.68	
For >10 To 25, Add	736.59	
For >25 To 50, Add	538.90	
For >50 To 100, Add	269.45	
For >500 To 1,000, Deduct	-104.50	
For >1,000 To 2,000, Deduct	-158.01	
For >2,000 To 5,000, Deduct	-257.85	
For >5,000, Deduct	-428.07	
33 01 30 72-0254 LF 34.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,272.12	
For Vinylster Resin, Add	1,511.89	
For Epoxy Resin, Add	178.19	
For Up To >10, Add	1,416.76	
For >10 To 25, Add	820.66	
For >25 To 50, Add	600.39	
For >50 To 100, Add	300.19	
For >500 To 1,000, Deduct	-116.41	
For >1,000 To 2,000, Deduct	-176.02	
For >2,000 To 5,000, Deduct	-287.25	
For >5,000, Deduct	-476.88	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0255	LF	34.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,510.77	
		For Vinlyester Resin, Add	1,666.57	
		For Epoxy Resin, Add	196.42	
		For Up To >10, Add	1,580.26	
		For >10 To 25, Add	920.08	
		For >25 To 50, Add	671.09	
		For >50 To 100, Add	335.54	
		For >500 To 1,000, Deduct	-128.79	
		For >1,000 To 2,000, Deduct	-194.81	
		For >2,000 To 5,000, Deduct	-318.19	
		For >5,000, Deduct	-528.14	
33 01 30 72-0256	LF	34.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,744.03	
		For Vinlyester Resin, Add	1,821.26	
		For Epoxy Resin, Add	214.65	
		For Up To >10, Add	1,727.59	
		For >10 To 25, Add	1,006.03	
		For >25 To 50, Add	733.71	
		For >50 To 100, Add	366.85	
		For >500 To 1,000, Deduct	-140.76	
		For >1,000 To 2,000, Deduct	-212.91	
		For >2,000 To 5,000, Deduct	-347.77	
		For >5,000, Deduct	-577.25	
33 01 30 72-0257	LF	34.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	2,974.79	
		For Vinlyester Resin, Add	1,975.95	
		For Epoxy Resin, Add	232.88	
		For Up To >10, Add	1,867.40	
		For >10 To 25, Add	1,085.70	
		For >25 To 50, Add	792.56	
		For >50 To 100, Add	396.28	
		For >500 To 1,000, Deduct	-152.54	
		For >1,000 To 2,000, Deduct	-230.71	
		For >2,000 To 5,000, Deduct	-376.73	
		For >5,000, Deduct	-625.36	
33 01 30 72-0258	LF	34.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,209.94	
		For Vinlyester Resin, Add	2,130.65	
		For Epoxy Resin, Add	251.11	
		For Up To >10, Add	2,020.37	
		For >10 To 25, Add	1,176.35	
		For >25 To 50, Add	858.00	
		For >50 To 100, Add	429.00	
		For >500 To 1,000, Deduct	-164.65	
		For >1,000 To 2,000, Deduct	-249.05	
		For >2,000 To 5,000, Deduct	-406.79	
		For >5,000, Deduct	-675.22	
33 01 30 72-0259	LF	34.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,442.95	
		For Vinlyester Resin, Add	2,285.33	
		For Epoxy Resin, Add	269.34	
		For Up To >10, Add	2,166.95	
		For >10 To 25, Add	1,261.67	
		For >25 To 50, Add	920.24	
		For >50 To 100, Add	460.12	
		For >500 To 1,000, Deduct	-176.60	
		For >1,000 To 2,000, Deduct	-267.13	
		For >2,000 To 5,000, Deduct	-436.32	
		For >5,000, Deduct	-724.23	
33 01 30 72-0260	LF	34.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,675.97	
		For Vinlyester Resin, Add	2,440.03	
		For Epoxy Resin, Add	287.57	
		For Up To >10, Add	2,313.54	
		For >10 To 25, Add	1,346.99	
		For >25 To 50, Add	982.48	
		For >50 To 100, Add	491.24	
		For >500 To 1,000, Deduct	-188.55	
		For >1,000 To 2,000, Deduct	-285.21	
		For >2,000 To 5,000, Deduct	-465.85	
		For >5,000, Deduct	-773.24	

33 01 30 72-0261 36mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0262	LF	36mm Lining 27" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,033.45	
		For Vinlyester Resin, Add	688.24	
		For Epoxy Resin, Add	81.11	
		For Up To >10, Add	642.35	
		For >10 To 25, Add	371.43	
		For >25 To 50, Add	272.02	
		For >50 To 100, Add	136.01	
		For >500 To 1,000, Deduct	-52.93	
		For >1,000 To 2,000, Deduct	-80.02	
		For >2,000 To 5,000, Deduct	-130.55	
		For >5,000, Deduct	-216.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0263 LF 36mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,154.64	
For Vinylster Resin, Add	768.95	
For Epoxy Resin, Add	90.63	
For Up To >10, Add	717.67	
For >10 To 25, Add	414.98	
For >25 To 50, Add	303.91	
For >50 To 100, Add	151.96	
For >500 To 1,000, Deduct	-59.14	
For >1,000 To 2,000, Deduct	-89.41	
For >2,000 To 5,000, Deduct	-145.86	
For >5,000, Deduct	-242.16	
33 01 30 72-0264 LF 36mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,397.01	
For Vinylster Resin, Add	930.37	
For Epoxy Resin, Add	109.65	
For Up To >10, Add	868.28	
For >10 To 25, Add	502.05	
For >25 To 50, Add	367.69	
For >50 To 100, Add	183.84	
For >500 To 1,000, Deduct	-71.55	
For >1,000 To 2,000, Deduct	-108.17	
For >2,000 To 5,000, Deduct	-176.47	
For >5,000, Deduct	-292.98	
33 01 30 72-0265 LF 36mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,639.39	
For Vinylster Resin, Add	1,091.78	
For Epoxy Resin, Add	128.67	
For Up To >10, Add	1,018.95	
For >10 To 25, Add	589.17	
For >25 To 50, Add	431.49	
For >50 To 100, Add	215.74	
For >500 To 1,000, Deduct	-83.96	
For >1,000 To 2,000, Deduct	-126.94	
For >2,000 To 5,000, Deduct	-207.09	
For >5,000, Deduct	-343.82	
33 01 30 72-0266 LF 36mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,881.63	
For Vinylster Resin, Add	1,253.20	
For Epoxy Resin, Add	147.70	
For Up To >10, Add	1,169.19	
For >10 To 25, Add	675.95	
For >25 To 50, Add	495.08	
For >50 To 100, Add	247.54	
For >500 To 1,000, Deduct	-96.37	
For >1,000 To 2,000, Deduct	-145.69	
For >2,000 To 5,000, Deduct	-237.67	
For >5,000, Deduct	-394.60	
33 01 30 72-0267 LF 36mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,124.01	
For Vinylster Resin, Add	1,414.62	
For Epoxy Resin, Add	166.72	
For Up To >10, Add	1,319.83	
For >10 To 25, Add	763.05	
For >25 To 50, Add	558.87	
For >50 To 100, Add	279.44	
For >500 To 1,000, Deduct	-108.78	
For >1,000 To 2,000, Deduct	-164.46	
For >2,000 To 5,000, Deduct	-268.29	
For >5,000, Deduct	-445.43	
33 01 30 72-0268 LF 36mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,366.38	
For Vinylster Resin, Add	1,576.03	
For Epoxy Resin, Add	185.75	
For Up To >10, Add	1,470.47	
For >10 To 25, Add	850.14	
For >25 To 50, Add	622.66	
For >50 To 100, Add	311.33	
For >500 To 1,000, Deduct	-121.19	
For >1,000 To 2,000, Deduct	-183.22	
For >2,000 To 5,000, Deduct	-298.90	
For >5,000, Deduct	-496.26	
33 01 30 72-0269 LF 36mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,615.14	
For Vinylster Resin, Add	1,737.44	
For Epoxy Resin, Add	204.77	
For Up To >10, Add	1,640.27	
For >10 To 25, Add	953.22	
For >25 To 50, Add	696.03	
For >50 To 100, Add	348.02	
For >500 To 1,000, Deduct	-134.08	
For >1,000 To 2,000, Deduct	-202.79	
For >2,000 To 5,000, Deduct	-331.12	
For >5,000, Deduct	-549.64	
33 01 30 72-0270 LF 36mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,858.15	
For Vinylster Resin, Add	1,898.86	
For Epoxy Resin, Add	223.79	
For Up To >10, Add	1,792.80	
For >10 To 25, Add	1,041.89	
For >25 To 50, Add	760.77	
For >50 To 100, Add	380.38	
For >500 To 1,000, Deduct	-146.54	
For >1,000 To 2,000, Deduct	-221.64	
For >2,000 To 5,000, Deduct	-361.89	
For >5,000, Deduct	-600.73	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0271	LF	36mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,096.88	
		For Vinlyester Resin, Add	2,060.28	
		For Epoxy Resin, Add	242.82	
		For Up To >10, Add	1,932.52	
		For >10 To 25, Add	1,119.89	
		For >25 To 50, Add	819.10	
		For >50 To 100, Add	409.55	
		For >500 To 1,000, Deduct	-158.68	
		For >1,000 To 2,000, Deduct	-239.95	
		For >2,000 To 5,000, Deduct	-391.60	
		For >5,000, Deduct	-650.10	
33 01 30 72-0272	LF	36mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,344.02	
		For Vinlyester Resin, Add	2,221.70	
		For Epoxy Resin, Add	261.84	
		For Up To >10, Add	2,097.44	
		For >10 To 25, Add	1,218.89	
		For >25 To 50, Add	890.03	
		For >50 To 100, Add	445.01	
		For >500 To 1,000, Deduct	-171.46	
		For >1,000 To 2,000, Deduct	-259.31	
		For >2,000 To 5,000, Deduct	-423.40	
		For >5,000, Deduct	-702.84	
33 01 30 72-0273	LF	36mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,587.02	
		For Vinlyester Resin, Add	2,383.11	
		For Epoxy Resin, Add	280.87	
		For Up To >10, Add	2,249.96	
		For >10 To 25, Add	1,307.56	
		For >25 To 50, Add	954.76	
		For >50 To 100, Add	477.38	
		For >500 To 1,000, Deduct	-183.92	
		For >1,000 To 2,000, Deduct	-278.16	
		For >2,000 To 5,000, Deduct	-454.18	
		For >5,000, Deduct	-753.92	
33 01 30 72-0274	LF	36mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,830.02	
		For Vinlyester Resin, Add	2,544.53	
		For Epoxy Resin, Add	299.89	
		For Up To >10, Add	2,402.46	
		For >10 To 25, Add	1,396.21	
		For >25 To 50, Add	1,019.48	
		For >50 To 100, Add	509.74	
		For >500 To 1,000, Deduct	-196.38	
		For >1,000 To 2,000, Deduct	-297.00	
		For >2,000 To 5,000, Deduct	-484.95	
		For >5,000, Deduct	-805.00	
33 01 30 72-0275	LF	36mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,072.89	
		For Vinlyester Resin, Add	2,705.94	
		For Epoxy Resin, Add	318.91	
		For Up To >10, Add	2,554.60	
		For >10 To 25, Add	1,484.56	
		For >25 To 50, Add	1,084.02	
		For >50 To 100, Add	542.01	
		For >500 To 1,000, Deduct	-208.83	
		For >1,000 To 2,000, Deduct	-315.83	
		For >2,000 To 5,000, Deduct	-515.69	
		For >5,000, Deduct	-856.03	
33 01 30 72-0276	LF	36mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,315.89	
		For Vinlyester Resin, Add	2,867.35	
		For Epoxy Resin, Add	337.94	
		For Up To >10, Add	2,707.12	
		For >10 To 25, Add	1,573.23	
		For >25 To 50, Add	1,148.75	
		For >50 To 100, Add	574.37	
		For >500 To 1,000, Deduct	-221.29	
		For >1,000 To 2,000, Deduct	-334.68	
		For >2,000 To 5,000, Deduct	-546.46	
		For >5,000, Deduct	-907.11	

33 01 30 72-0277 37.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0278	LF	37.5mm Lining 30" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,199.17	
		For Vinlyester Resin, Add	799.33	
		For Epoxy Resin, Add	94.21	
		For Up To >10, Add	742.76	
		For >10 To 25, Add	428.65	
		For >25 To 50, Add	314.29	
		For >50 To 100, Add	157.14	
		For >500 To 1,000, Deduct	-61.39	
		For >1,000 To 2,000, Deduct	-92.80	
		For >2,000 To 5,000, Deduct	-151.35	
		For >5,000, Deduct	-251.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0279 LF 37.5mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,451.41	
For Vinlyester Resin, Add	967.48	
For Epoxy Resin, Add	114.02	
For Up To >10, Add	898.96	
For >10 To 25, Add	518.78	
For >25 To 50, Add	380.37	
For >50 To 100, Add	190.19	
For >500 To 1,000, Deduct	-74.30	
For >1,000 To 2,000, Deduct	-112.32	
For >2,000 To 5,000, Deduct	-183.18	
For >5,000, Deduct	-304.14	
33 01 30 72-0280 LF 37.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,703.64	
For Vinlyester Resin, Add	1,135.62	
For Epoxy Resin, Add	133.84	
For Up To >10, Add	1,055.15	
For >10 To 25, Add	608.90	
For >25 To 50, Add	446.46	
For >50 To 100, Add	223.23	
For >500 To 1,000, Deduct	-87.22	
For >1,000 To 2,000, Deduct	-131.84	
For >2,000 To 5,000, Deduct	-215.01	
For >5,000, Deduct	-356.99	
33 01 30 72-0281 LF 37.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,955.86	
For Vinlyester Resin, Add	1,303.76	
For Epoxy Resin, Add	153.66	
For Up To >10, Add	1,211.31	
For >10 To 25, Add	699.00	
For >25 To 50, Add	512.53	
For >50 To 100, Add	256.26	
For >500 To 1,000, Deduct	-100.13	
For >1,000 To 2,000, Deduct	-151.36	
For >2,000 To 5,000, Deduct	-246.84	
For >5,000, Deduct	-409.84	
33 01 30 72-0282 LF 37.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,208.10	
For Vinlyester Resin, Add	1,471.90	
For Epoxy Resin, Add	173.47	
For Up To >10, Add	1,367.50	
For >10 To 25, Add	789.13	
For >25 To 50, Add	578.61	
For >50 To 100, Add	289.31	
For >500 To 1,000, Deduct	-113.04	
For >1,000 To 2,000, Deduct	-170.88	
For >2,000 To 5,000, Deduct	-278.67	
For >5,000, Deduct	-462.70	
33 01 30 72-0283 LF 37.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,460.34	
For Vinlyester Resin, Add	1,640.04	
For Epoxy Resin, Add	193.29	
For Up To >10, Add	1,523.72	
For >10 To 25, Add	879.28	
For >25 To 50, Add	644.71	
For >50 To 100, Add	322.36	
For >500 To 1,000, Deduct	-125.95	
For >1,000 To 2,000, Deduct	-190.40	
For >2,000 To 5,000, Deduct	-310.51	
For >5,000, Deduct	-515.55	
33 01 30 72-0284 LF 37.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,719.08	
For Vinlyester Resin, Add	1,808.18	
For Epoxy Resin, Add	213.11	
For Up To >10, Add	1,699.44	
For >10 To 25, Add	985.68	
For >25 To 50, Add	720.56	
For >50 To 100, Add	360.28	
For >500 To 1,000, Deduct	-139.35	
For >1,000 To 2,000, Deduct	-210.73	
For >2,000 To 5,000, Deduct	-343.96	
For >5,000, Deduct	-571.01	
33 01 30 72-0285 LF 37.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,971.94	
For Vinlyester Resin, Add	1,976.32	
For Epoxy Resin, Add	232.92	
For Up To >10, Add	1,857.52	
For >10 To 25, Add	1,077.38	
For >25 To 50, Add	787.59	
For >50 To 100, Add	393.80	
For >500 To 1,000, Deduct	-152.31	
For >1,000 To 2,000, Deduct	-230.33	
For >2,000 To 5,000, Deduct	-375.95	
For >5,000, Deduct	-624.11	
33 01 30 72-0286 LF 37.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,222.66	
For Vinlyester Resin, Add	2,144.46	
For Epoxy Resin, Add	252.74	
For Up To >10, Add	2,009.18	
For >10 To 25, Add	1,163.73	
For >25 To 50, Add	851.41	
For >50 To 100, Add	425.71	
For >500 To 1,000, Deduct	-165.11	
For >1,000 To 2,000, Deduct	-249.66	
For >2,000 To 5,000, Deduct	-407.41	
For >5,000, Deduct	-676.36	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0287	LF	37.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,477.65	
		For Vinylester Resin, Add	2,312.61	
		For Epoxy Resin, Add	272.56	
		For Up To >10, Add	2,173.63	
		For >10 To 25, Add	1,260.73	
		For >25 To 50, Add	921.63	
		For >50 To 100, Add	460.81	
		For >500 To 1,000, Deduct	-178.23	
		For >1,000 To 2,000, Deduct	-269.52	
		For >2,000 To 5,000, Deduct	-439.93	
		For >5,000, Deduct	-730.31	
33 01 30 72-0288	LF	37.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,730.51	
		For Vinylester Resin, Add	2,480.75	
		For Epoxy Resin, Add	292.37	
		For Up To >10, Add	2,331.71	
		For >10 To 25, Add	1,352.43	
		For >25 To 50, Add	988.66	
		For >50 To 100, Add	494.33	
		For >500 To 1,000, Deduct	-191.19	
		For >1,000 To 2,000, Deduct	-289.12	
		For >2,000 To 5,000, Deduct	-471.92	
		For >5,000, Deduct	-783.42	
33 01 30 72-0289	LF	37.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	3,983.24	
		For Vinylester Resin, Add	2,648.89	
		For Epoxy Resin, Add	312.19	
		For Up To >10, Add	2,489.40	
		For >10 To 25, Add	1,443.81	
		For >25 To 50, Add	1,055.49	
		For >50 To 100, Add	527.75	
		For >500 To 1,000, Deduct	-204.14	
		For >1,000 To 2,000, Deduct	-308.70	
		For >2,000 To 5,000, Deduct	-503.87	
		For >5,000, Deduct	-836.47	
33 01 30 72-0290	LF	37.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,236.10	
		For Vinylester Resin, Add	2,817.03	
		For Epoxy Resin, Add	332.01	
		For Up To >10, Add	2,647.48	
		For >10 To 25, Add	1,535.51	
		For >25 To 50, Add	1,122.52	
		For >50 To 100, Add	561.26	
		For >500 To 1,000, Deduct	-217.10	
		For >1,000 To 2,000, Deduct	-328.30	
		For >2,000 To 5,000, Deduct	-535.86	
		For >5,000, Deduct	-889.57	
33 01 30 72-0291	LF	37.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	4,488.96	
		For Vinylester Resin, Add	2,985.17	
		For Epoxy Resin, Add	351.82	
		For Up To >10, Add	2,805.56	
		For >10 To 25, Add	1,627.21	
		For >25 To 50, Add	1,189.55	
		For >50 To 100, Add	594.78	
		For >500 To 1,000, Deduct	-230.06	
		For >1,000 To 2,000, Deduct	-347.89	
		For >2,000 To 5,000, Deduct	-567.85	
		For >5,000, Deduct	-942.68	

33 01 30 72-0292 39mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0293	LF	39mm Lining 36" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,505.60	
		For Vinylester Resin, Add	1,004.45	
		For Epoxy Resin, Add	118.38	
		For Up To >10, Add	929.48	
		For >10 To 25, Add	535.41	
		For >25 To 50, Add	392.99	
		For >50 To 100, Add	196.50	
		For >500 To 1,000, Deduct	-77.05	
		For >1,000 To 2,000, Deduct	-116.45	
		For >2,000 To 5,000, Deduct	-189.86	
		For >5,000, Deduct	-315.25	
33 01 30 72-0294	LF	39mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP)	1,767.70	
		For Vinylester Resin, Add	1,179.32	
		For Epoxy Resin, Add	138.99	
		For Up To >10, Add	1,091.25	
		For >10 To 25, Add	628.59	
		For >25 To 50, Add	461.39	
		For >50 To 100, Add	230.69	
		For >500 To 1,000, Deduct	-90.46	
		For >1,000 To 2,000, Deduct	-136.73	
		For >2,000 To 5,000, Deduct	-222.91	
		For >5,000, Deduct	-370.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0295 LF 39mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,029.80	
For Vinlyester Resin, Add	1,354.19	
For Epoxy Resin, Add	159.60	
For Up To >10, Add	1,253.00	
For >10 To 25, Add	721.74	
For >25 To 50, Add	529.77	
For >50 To 100, Add	264.89	
For >500 To 1,000, Deduct	-103.87	
For >1,000 To 2,000, Deduct	-157.00	
For >2,000 To 5,000, Deduct	-255.96	
For >5,000, Deduct	-425.01	
33 01 30 72-0296 LF 39mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,291.88	
For Vinlyester Resin, Add	1,529.05	
For Epoxy Resin, Add	180.21	
For Up To >10, Add	1,414.74	
For >10 To 25, Add	814.89	
For >25 To 50, Add	598.15	
For >50 To 100, Add	299.08	
For >500 To 1,000, Deduct	-117.28	
For >1,000 To 2,000, Deduct	-177.27	
For >2,000 To 5,000, Deduct	-289.00	
For >5,000, Deduct	-479.88	
33 01 30 72-0297 LF 39mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,554.10	
For Vinlyester Resin, Add	1,703.93	
For Epoxy Resin, Add	200.82	
For Up To >10, Add	1,576.85	
For >10 To 25, Add	908.35	
For >25 To 50, Add	666.72	
For >50 To 100, Add	333.36	
For >500 To 1,000, Deduct	-130.70	
For >1,000 To 2,000, Deduct	-197.55	
For >2,000 To 5,000, Deduct	-322.08	
For >5,000, Deduct	-534.80	
33 01 30 72-0298 LF 39mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,822.71	
For Vinlyester Resin, Add	1,878.79	
For Epoxy Resin, Add	221.43	
For Up To >10, Add	1,758.16	
For >10 To 25, Add	1,017.80	
For >25 To 50, Add	744.88	
For >50 To 100, Add	372.44	
For >500 To 1,000, Deduct	-144.60	
For >1,000 To 2,000, Deduct	-218.64	
For >2,000 To 5,000, Deduct	-356.76	
For >5,000, Deduct	-592.29	
33 01 30 72-0299 LF 39mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,085.42	
For Vinlyester Resin, Add	2,053.65	
For Epoxy Resin, Add	242.04	
For Up To >10, Add	1,921.79	
For >10 To 25, Add	1,112.52	
For >25 To 50, Add	814.20	
For >50 To 100, Add	407.10	
For >500 To 1,000, Deduct	-158.06	
For >1,000 To 2,000, Deduct	-238.99	
For >2,000 To 5,000, Deduct	-389.96	
For >5,000, Deduct	-647.41	
33 01 30 72-0300 LF 39mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,348.14	
For Vinlyester Resin, Add	2,228.53	
For Epoxy Resin, Add	262.65	
For Up To >10, Add	2,085.40	
For >10 To 25, Add	1,207.23	
For >25 To 50, Add	883.52	
For >50 To 100, Add	441.76	
For >500 To 1,000, Deduct	-171.52	
For >1,000 To 2,000, Deduct	-259.34	
For >2,000 To 5,000, Deduct	-423.17	
For >5,000, Deduct	-702.53	
33 01 30 72-0301 LF 39mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,610.98	
For Vinlyester Resin, Add	2,403.39	
For Epoxy Resin, Add	283.26	
For Up To >10, Add	2,249.39	
For >10 To 25, Add	1,302.26	
For >25 To 50, Add	953.02	
For >50 To 100, Add	476.51	
For >500 To 1,000, Deduct	-184.99	
For >1,000 To 2,000, Deduct	-279.70	
For >2,000 To 5,000, Deduct	-456.40	
For >5,000, Deduct	-757.71	
33 01 30 72-0302 LF 39mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,873.70	
For Vinlyester Resin, Add	2,578.26	
For Epoxy Resin, Add	303.87	
For Up To >10, Add	2,413.03	
For >10 To 25, Add	1,396.98	
For >25 To 50, Add	1,022.35	
For >50 To 100, Add	511.18	
For >500 To 1,000, Deduct	-198.45	
For >1,000 To 2,000, Deduct	-300.05	
For >2,000 To 5,000, Deduct	-489.61	
For >5,000, Deduct	-812.83	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 01 30 72-0303	LF		39mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,136.42	
			<i>For Vinylester Resin, Add</i>	2,753.13	
			<i>For Epoxy Resin, Add</i>	324.48	
			<i>For Up To >10, Add</i>	2,576.66	
			<i>For >10 To 25, Add</i>	1,491.71	
			<i>For >25 To 50, Add</i>	1,091.68	
			<i>For >50 To 100, Add</i>	545.84	
			<i>For >500 To 1,000, Deduct</i>	-211.91	
			<i>For >1,000 To 2,000, Deduct</i>	-320.40	
			<i>For >2,000 To 5,000, Deduct</i>	-522.81	
			<i>For >5,000, Deduct</i>	-867.96	
33 01 30 72-0304	LF		39mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,399.13	
			<i>For Vinylester Resin, Add</i>	2,928.00	
			<i>For Epoxy Resin, Add</i>	345.09	
			<i>For Up To >10, Add</i>	2,740.27	
			<i>For >10 To 25, Add</i>	1,586.41	
			<i>For >25 To 50, Add</i>	1,160.99	
			<i>For >50 To 100, Add</i>	580.50	
			<i>For >500 To 1,000, Deduct</i>	-225.36	
			<i>For >1,000 To 2,000, Deduct</i>	-340.75	
			<i>For >2,000 To 5,000, Deduct</i>	-556.01	
			<i>For >5,000, Deduct</i>	-923.08	
33 01 30 72-0305	LF		39mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,661.85	
			<i>For Vinylester Resin, Add</i>	3,102.86	
			<i>For Epoxy Resin, Add</i>	365.69	
			<i>For Up To >10, Add</i>	2,903.90	
			<i>For >10 To 25, Add</i>	1,681.14	
			<i>For >25 To 50, Add</i>	1,230.32	
			<i>For >50 To 100, Add</i>	615.16	
			<i>For >500 To 1,000, Deduct</i>	-238.82	
			<i>For >1,000 To 2,000, Deduct</i>	-361.10	
			<i>For >2,000 To 5,000, Deduct</i>	-589.22	
			<i>For >5,000, Deduct</i>	-978.21	
33 01 30 72-0306	LF		39mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,924.57	
			<i>For Vinylester Resin, Add</i>	3,277.73	
			<i>For Epoxy Resin, Add</i>	386.30	
			<i>For Up To >10, Add</i>	3,067.54	
			<i>For >10 To 25, Add</i>	1,775.87	
			<i>For >25 To 50, Add</i>	1,299.64	
			<i>For >50 To 100, Add</i>	649.82	
			<i>For >500 To 1,000, Deduct</i>	-252.28	
			<i>For >1,000 To 2,000, Deduct</i>	-381.45	
			<i>For >2,000 To 5,000, Deduct</i>	-622.42	
			<i>For >5,000, Deduct</i>	-1,033.33	
33 01 30 72-0307	LF		39mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,187.29	
			<i>For Vinylester Resin, Add</i>	3,452.60	
			<i>For Epoxy Resin, Add</i>	406.91	
			<i>For Up To >10, Add</i>	3,231.17	
			<i>For >10 To 25, Add</i>	1,870.60	
			<i>For >25 To 50, Add</i>	1,368.97	
			<i>For >50 To 100, Add</i>	684.49	
			<i>For >500 To 1,000, Deduct</i>	-265.74	
			<i>For >1,000 To 2,000, Deduct</i>	-401.80	
			<i>For >2,000 To 5,000, Deduct</i>	-655.63	
			<i>For >5,000, Deduct</i>	-1,088.46	

33 01 30 72-0308 40.5mm Thick Lining Cured In-Place Pipe (33 01 30 72-0015)

33 01 30 72-0309	LF		40.5mm Lining 42" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	1,831.45	
			<i>For Vinylester Resin, Add</i>	1,222.89	
			<i>For Epoxy Resin, Add</i>	144.13	
			<i>For Up To >10, Add</i>	1,126.88	
			<i>For >10 To 25, Add</i>	647.90	
			<i>For >25 To 50, Add</i>	476.09	
			<i>For >50 To 100, Add</i>	238.04	
			<i>For >500 To 1,000, Deduct</i>	-93.68	
			<i>For >1,000 To 2,000, Deduct</i>	-141.58	
			<i>For >2,000 To 5,000, Deduct</i>	-230.75	
			<i>For >5,000, Deduct</i>	-383.18	
33 01 30 72-0310	LF		40.5mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,103.40	
			<i>For Vinylester Resin, Add</i>	1,404.49	
			<i>For Epoxy Resin, Add</i>	165.53	
			<i>For Up To >10, Add</i>	1,294.18	
			<i>For >10 To 25, Add</i>	744.08	
			<i>For >25 To 50, Add</i>	546.77	
			<i>For >50 To 100, Add</i>	273.38	
			<i>For >500 To 1,000, Deduct</i>	-107.59	
			<i>For >1,000 To 2,000, Deduct</i>	-162.60	
			<i>For >2,000 To 5,000, Deduct</i>	-265.02	
			<i>For >5,000, Deduct</i>	-440.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0311 LF 40.5mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,375.35	
For Vinylster Resin, Add	1,586.08	
For Epoxy Resin, Add	186.93	
For Up To >10, Add	1,461.48	
For >10 To 25, Add	840.26	
For >25 To 50, Add	617.45	
For >50 To 100, Add	308.72	
For >500 To 1,000, Deduct	-121.51	
For >1,000 To 2,000, Deduct	-183.63	
For >2,000 To 5,000, Deduct	-299.28	
For >5,000, Deduct	-496.97	
33 01 30 72-0312 LF 40.5mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,647.29	
For Vinylster Resin, Add	1,767.67	
For Epoxy Resin, Add	208.33	
For Up To >10, Add	1,628.77	
For >10 To 25, Add	936.44	
For >25 To 50, Add	688.12	
For >50 To 100, Add	344.06	
For >500 To 1,000, Deduct	-135.42	
For >1,000 To 2,000, Deduct	-204.65	
For >2,000 To 5,000, Deduct	-333.54	
For >5,000, Deduct	-553.87	
33 01 30 72-0313 LF 40.5mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,926.02	
For Vinylster Resin, Add	1,949.27	
For Epoxy Resin, Add	229.74	
For Up To >10, Add	1,816.39	
For >10 To 25, Add	1,049.54	
For >25 To 50, Add	768.96	
For >50 To 100, Add	384.48	
For >500 To 1,000, Deduct	-149.83	
For >1,000 To 2,000, Deduct	-226.52	
For >2,000 To 5,000, Deduct	-369.50	
For >5,000, Deduct	-613.47	
33 01 30 72-0314 LF 40.5mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,198.59	
For Vinylster Resin, Add	2,130.86	
For Epoxy Resin, Add	251.14	
For Up To >10, Add	1,985.57	
For >10 To 25, Add	1,147.30	
For >25 To 50, Add	840.58	
For >50 To 100, Add	420.29	
For >500 To 1,000, Deduct	-163.79	
For >1,000 To 2,000, Deduct	-247.62	
For >2,000 To 5,000, Deduct	-403.92	
For >5,000, Deduct	-670.62	
33 01 30 72-0315 LF 40.5mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,471.16	
For Vinylster Resin, Add	2,312.45	
For Epoxy Resin, Add	272.54	
For Up To >10, Add	2,154.73	
For >10 To 25, Add	1,245.03	
For >25 To 50, Add	912.19	
For >50 To 100, Add	456.10	
For >500 To 1,000, Deduct	-177.75	
For >1,000 To 2,000, Deduct	-268.72	
For >2,000 To 5,000, Deduct	-438.34	
For >5,000, Deduct	-727.76	
33 01 30 72-0316 LF 40.5mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,743.74	
For Vinylster Resin, Add	2,494.04	
For Epoxy Resin, Add	293.94	
For Up To >10, Add	2,323.92	
For >10 To 25, Add	1,342.78	
For >25 To 50, Add	983.81	
For >50 To 100, Add	491.91	
For >500 To 1,000, Deduct	-191.71	
For >1,000 To 2,000, Deduct	-289.82	
For >2,000 To 5,000, Deduct	-472.76	
For >5,000, Deduct	-784.91	
33 01 30 72-0317 LF 40.5mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,016.32	
For Vinylster Resin, Add	2,675.64	
For Epoxy Resin, Add	315.34	
For Up To >10, Add	2,493.11	
For >10 To 25, Add	1,440.54	
For >25 To 50, Add	1,055.44	
For >50 To 100, Add	527.72	
For >500 To 1,000, Deduct	-205.67	
For >1,000 To 2,000, Deduct	-310.92	
For >2,000 To 5,000, Deduct	-507.18	
For >5,000, Deduct	-842.06	
33 01 30 72-0318 LF 40.5mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,288.89	
For Vinylster Resin, Add	2,857.23	
For Epoxy Resin, Add	336.74	
For Up To >10, Add	2,662.30	
For >10 To 25, Add	1,538.29	
For >25 To 50, Add	1,127.06	
For >50 To 100, Add	563.53	
For >500 To 1,000, Deduct	-219.62	
For >1,000 To 2,000, Deduct	-332.02	
For >2,000 To 5,000, Deduct	-541.60	
For >5,000, Deduct	-899.21	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 72-0319	LF	40.5mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,561.47	
		For Vinlyester Resin, Add	3,038.82	
		For Epoxy Resin, Add	358.15	
		For Up To >10, Add	2,831.49	
		For >10 To 25, Add	1,636.04	
		For >25 To 50, Add	1,198.68	
		For >50 To 100, Add	599.34	
		For >500 To 1,000, Deduct	-233.58	
		For >1,000 To 2,000, Deduct	-353.13	
		For >2,000 To 5,000, Deduct	-576.02	
		For >5,000, Deduct	-956.35	
33 01 30 72-0320	LF	40.5mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,834.04	
		For Vinlyester Resin, Add	3,220.41	
		For Epoxy Resin, Add	379.55	
		For Up To >10, Add	3,000.65	
		For >10 To 25, Add	1,733.77	
		For >25 To 50, Add	1,270.29	
		For >50 To 100, Add	635.15	
		For >500 To 1,000, Deduct	-247.54	
		For >1,000 To 2,000, Deduct	-374.23	
		For >2,000 To 5,000, Deduct	-610.43	
		For >5,000, Deduct	-1,013.50	
33 01 30 72-0321	LF	40.5mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,106.62	
		For Vinlyester Resin, Add	3,402.01	
		For Epoxy Resin, Add	400.95	
		For Up To >10, Add	3,169.84	
		For >10 To 25, Add	1,831.53	
		For >25 To 50, Add	1,341.92	
		For >50 To 100, Add	670.96	
		For >500 To 1,000, Deduct	-261.50	
		For >1,000 To 2,000, Deduct	-395.33	
		For >2,000 To 5,000, Deduct	-644.85	
		For >5,000, Deduct	-1,070.65	
33 01 30 72-0322	LF	40.5mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,379.20	
		For Vinlyester Resin, Add	3,583.60	
		For Epoxy Resin, Add	422.35	
		For Up To >10, Add	3,339.03	
		For >10 To 25, Add	1,929.28	
		For >25 To 50, Add	1,413.54	
		For >50 To 100, Add	706.77	
		For >500 To 1,000, Deduct	-275.45	
		For >1,000 To 2,000, Deduct	-416.43	
		For >2,000 To 5,000, Deduct	-679.27	
		For >5,000, Deduct	-1,127.79	
33 01 30 72-0323		42mm Thick Lining Cured In-Place Pipe <small>(33 01 30 72-0015)</small>		
33 01 30 72-0324	LF	42mm Lining 48" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,176.69	
		For Vinlyester Resin, Add	1,454.65	
		For Epoxy Resin, Add	171.44	
		For Up To >10, Add	1,334.90	
		For >10 To 25, Add	766.07	
		For >25 To 50, Add	563.54	
		For >50 To 100, Add	281.77	
		For >500 To 1,000, Deduct	-111.30	
		For >1,000 To 2,000, Deduct	-168.18	
		For >2,000 To 5,000, Deduct	-274.02	
		For >5,000, Deduct	-455.06	
33 01 30 72-0325	LF	42mm Lining 54" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,458.50	
		For Vinlyester Resin, Add	1,642.97	
		For Epoxy Resin, Add	193.64	
		For Up To >10, Add	1,507.75	
		For >10 To 25, Add	865.28	
		For >25 To 50, Add	636.52	
		For >50 To 100, Add	318.26	
		For >500 To 1,000, Deduct	-125.71	
		For >1,000 To 2,000, Deduct	-189.96	
		For >2,000 To 5,000, Deduct	-309.50	
		For >5,000, Deduct	-513.98	
33 01 30 72-0326	LF	42mm Lining 60" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	2,740.30	
		For Vinlyester Resin, Add	1,831.28	
		For Epoxy Resin, Add	215.83	
		For Up To >10, Add	1,680.60	
		For >10 To 25, Add	964.48	
		For >25 To 50, Add	709.49	
		For >50 To 100, Add	354.75	
		For >500 To 1,000, Deduct	-140.12	
		For >1,000 To 2,000, Deduct	-211.73	
		For >2,000 To 5,000, Deduct	-344.98	
		For >5,000, Deduct	-572.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 72-0327 LF 42mm Lining 66" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,029.00	
For Vinylster Resin, Add	2,019.61	
For Epoxy Resin, Add	238.02	
For Up To >10, Add	1,874.13	
For >10 To 25, Add	1,080.91	
For >25 To 50, Add	792.81	
For >50 To 100, Add	396.40	
For >500 To 1,000, Deduct	-155.05	
For >1,000 To 2,000, Deduct	-234.37	
For >2,000 To 5,000, Deduct	-382.18	
For >5,000, Deduct	-634.57	
33 01 30 72-0328 LF 42mm Lining 72" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,311.45	
For Vinylster Resin, Add	2,207.93	
For Epoxy Resin, Add	260.22	
For Up To >10, Add	2,048.90	
For >10 To 25, Add	1,181.72	
For >25 To 50, Add	866.74	
For >50 To 100, Add	433.37	
For >500 To 1,000, Deduct	-169.50	
For >1,000 To 2,000, Deduct	-256.22	
For >2,000 To 5,000, Deduct	-417.82	
For >5,000, Deduct	-693.74	
33 01 30 72-0329 LF 42mm Lining 78" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,593.88	
For Vinylster Resin, Add	2,396.24	
For Epoxy Resin, Add	282.41	
For Up To >10, Add	2,223.64	
For >10 To 25, Add	1,282.50	
For >25 To 50, Add	940.66	
For >50 To 100, Add	470.33	
For >500 To 1,000, Deduct	-183.96	
For >1,000 To 2,000, Deduct	-278.08	
For >2,000 To 5,000, Deduct	-453.45	
For >5,000, Deduct	-752.91	
33 01 30 72-0330 LF 42mm Lining 84" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	3,876.31	
For Vinylster Resin, Add	2,584.56	
For Epoxy Resin, Add	304.61	
For Up To >10, Add	2,398.36	
For >10 To 25, Add	1,383.26	
For >25 To 50, Add	1,014.57	
For >50 To 100, Add	507.28	
For >500 To 1,000, Deduct	-198.42	
For >1,000 To 2,000, Deduct	-299.93	
For >2,000 To 5,000, Deduct	-489.09	
For >5,000, Deduct	-812.08	
33 01 30 72-0331 LF 42mm Lining 90" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,158.75	
For Vinylster Resin, Add	2,772.88	
For Epoxy Resin, Add	326.80	
For Up To >10, Add	2,573.10	
For >10 To 25, Add	1,484.04	
For >25 To 50, Add	1,088.49	
For >50 To 100, Add	544.24	
For >500 To 1,000, Deduct	-212.87	
For >1,000 To 2,000, Deduct	-321.78	
For >2,000 To 5,000, Deduct	-524.72	
For >5,000, Deduct	-871.25	
33 01 30 72-0332 LF 42mm Lining 96" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,441.18	
For Vinylster Resin, Add	2,961.20	
For Epoxy Resin, Add	349.00	
For Up To >10, Add	2,747.84	
For >10 To 25, Add	1,584.82	
For >25 To 50, Add	1,162.41	
For >50 To 100, Add	581.20	
For >500 To 1,000, Deduct	-227.33	
For >1,000 To 2,000, Deduct	-343.63	
For >2,000 To 5,000, Deduct	-560.36	
For >5,000, Deduct	-930.42	
33 01 30 72-0333 LF 42mm Lining 102" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	4,723.61	
For Vinylster Resin, Add	3,149.52	
For Epoxy Resin, Add	371.19	
For Up To >10, Add	2,922.56	
For >10 To 25, Add	1,685.58	
For >25 To 50, Add	1,236.31	
For >50 To 100, Add	618.16	
For >500 To 1,000, Deduct	-241.79	
For >1,000 To 2,000, Deduct	-365.49	
For >2,000 To 5,000, Deduct	-595.99	
For >5,000, Deduct	-989.58	
33 01 30 72-0334 LF 42mm Lining 108" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,006.05	
For Vinylster Resin, Add	3,337.84	
For Epoxy Resin, Add	393.39	
For Up To >10, Add	3,097.30	
For >10 To 25, Add	1,786.36	
For >25 To 50, Add	1,310.23	
For >50 To 100, Add	655.12	
For >500 To 1,000, Deduct	-256.25	
For >1,000 To 2,000, Deduct	-387.34	
For >2,000 To 5,000, Deduct	-631.63	
For >5,000, Deduct	-1,048.75	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 72-0335	LF	42mm Lining 114" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,288.48	
		<i>For Vinlyester Resin, Add</i>	3,526.15	
		<i>For Epoxy Resin, Add</i>	415.58	
		<i>For Up To >10, Add</i>	3,272.04	
		<i>For >10 To 25, Add</i>	1,887.14	
		<i>For >25 To 50, Add</i>	1,384.15	
		<i>For >50 To 100, Add</i>	692.08	
		<i>For >500 To 1,000, Deduct</i>	-270.70	
		<i>For >1,000 To 2,000, Deduct</i>	-409.19	
		<i>For >2,000 To 5,000, Deduct</i>	-667.26	
		<i>For >5,000, Deduct</i>	-1,107.92	
33 01 30 72-0336	LF	42mm Lining 120" Pipe With Resin Impregnated Cured In-Place Pipe (CIPP).....	5,570.92	
		<i>For Vinlyester Resin, Add</i>	3,714.47	
		<i>For Epoxy Resin, Add</i>	437.78	
		<i>For Up To >10, Add</i>	3,446.79	
		<i>For >10 To 25, Add</i>	1,987.92	
		<i>For >25 To 50, Add</i>	1,458.07	
		<i>For >50 To 100, Add</i>	729.04	
		<i>For >500 To 1,000, Deduct</i>	-285.16	
		<i>For >1,000 To 2,000, Deduct</i>	-431.05	
		<i>For >2,000 To 5,000, Deduct</i>	-702.90	
		<i>For >5,000, Deduct</i>	-1,167.09	

33 01 30 74 Cured-in-Place Lateral Lining (33 01 30)**33 01 30 74-0001 Laterals; Cutting, Grouting And Reinstatement (33 01 30 74)****33 01 30 74-0002 Lateral Reinstatement/Reconnection (33 01 30 74-0001)**

33 01 30 74-0003	EA	Cut Liner For Laterals, Up To 4" (Robotic).....	516.51	
33 01 30 74-0004	EA	Cut Liner For Laterals, 6" (Robotic).....	558.39	
33 01 30 74-0005	EA	Cut Liner For Laterals, 8" (Robotic).....	593.29	
33 01 30 74-0006	EA	Cut Liner For Laterals, 10" (Robotic).....	628.19	
33 01 30 74-0007	EA	Cut Liner For Laterals, 12" (Robotic).....	663.09	

33 01 30 74-0008 Grout Lateral Service (33 01 30 74-0001)**33 01 30 74-0009 Grout Lateral Service - Bladder (33 01 30 74-0008)**

33 01 30 74-0010	EA	Grout Up To 4" Lateral Service - Bladder.....	545.31	
33 01 30 74-0011	EA	Grout 6" Lateral Service - Bladder.....	626.71	
33 01 30 74-0012	EA	Grout 8" Lateral Service - Bladder.....	708.10	

33 01 30 74-0013 Grout Lateral Service - Robotic Trowel Application (33 01 30 74-0008)

33 01 30 74-0014	EA	Grout 3" To 6" Lateral Service - Robotic Trowel Application.....	594.82	
33 01 30 74-0015	EA	Grout 8" To 12" Lateral Service - Robotic Trowel Application.....	644.36	

33 01 30 74-0016 Lateral T-Liner (33 01 30 74-0001)

Note: As manufactured by LMK.

33 01 30 74-0017	EA	Up To 4" Lateral T-Liner.....	742.53	
33 01 30 74-0018	EA	6" Lateral T-Liner.....	834.16	
33 01 30 74-0019	EA	8" Lateral T-Liner.....	971.15	

33 01 30 74-0020 Lining Lateral Pipe (33 01 30 74-0001)**33 01 30 74-0021 Lining Lateral Pipe (33 01 30 74-0020)**

33 01 30 74-0022	LF	6mm Lining 3" Lateral Pipe With Cured In-Place Pipe (CIPP).....	37.43	
		<i>For 7.5mm, Add</i>	4.20	
		<i>For 9 mm, Add</i>	8.30	
33 01 30 74-0023	LF	6mm Lining 4" Lateral Pipe With Cured In-Place Pipe (CIPP).....	44.78	
		<i>For 7.5mm, Add</i>	5.72	
		<i>For 9 mm, Add</i>	11.31	
33 01 30 74-0024	LF	6mm Lining 6" Lateral Pipe With Cured In-Place Pipe (CIPP).....	58.54	
		<i>For 7.5mm, Add</i>	8.76	
		<i>For 9 mm, Add</i>	17.32	

33 01 30 74-0025 Lining Manhole Drop (33 01 30 74-0020)

33 01 30 74-0026	EA	Manhole Drop Section Lining.....	814.49	
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33 01 30 79 Fold-and-Form Pipe Lining (33 01 30)**33 01 30 79-0001 Form and Fold Relining Underground Pipelines (33 01 30 79)**

Note: Excludes CCTV inspection and sewer cleaning. See CSI section 33 01 30 11-0000 for CCTV inspection, 33 01 30 41-0002 for sewer cleaning.

33 01 30 79-0002 Fold-And-Form Relining Underground Pipelines Set-Up And Reinsertion (33 01 30 79-0001)

33 01 30 79-0003	EA	Initial Set Up And Final Equipment Removal For Fold-And-Form Relining Underground Pipelines.....	5,012.38	
33 01 30 79-0004	EA	Move And Reset Up At Different Access/Location For Fold-And-Form Relining Underground Pipelines.....	2,004.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0005 Form And Fold Polyethylene (PE) Pipeliner <small>(33 01 30 79-0001)</small>		
33 01 30 79-0006 LF 4" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	65.45	
<i>For DR 26 Pipe Liner, Add</i>	13.68	
<i>For Up To 75, Add</i>	27.05	
<i>For >75 To 150, Add</i>	13.53	
<i>For >500 To 1,000, Deduct</i>	-0.81	
<i>For >1,000 To 2,000, Deduct</i>	-1.61	
<i>For >2,000, Deduct</i>	-3.22	
33 01 30 79-0007 LF 6" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	85.88	
<i>For DR 26 Pipe Liner, Add</i>	18.58	
<i>For DR 35 Pipe Liner, Deduct</i>	-9.29	
<i>For Up To 75, Add</i>	32.20	
<i>For >75 To 150, Add</i>	16.10	
<i>For >500 To 1,000, Deduct</i>	-0.87	
<i>For >1,000 To 2,000, Deduct</i>	-1.73	
<i>For >2,000, Deduct</i>	-3.47	
33 01 30 79-0008 LF 8" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	88.23	
<i>For DR 26 Pipe Liner, Add</i>	18.93	
<i>For DR 35 Pipe Liner, Deduct</i>	-9.46	
<i>For Up To 75, Add</i>	33.94	
<i>For >75 To 150, Add</i>	16.97	
<i>For >500 To 1,000, Deduct</i>	-0.94	
<i>For >1,000 To 2,000, Deduct</i>	-1.88	
<i>For >2,000, Deduct</i>	-3.76	
33 01 30 79-0009 LF 10" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	127.22	
<i>For DR 26 Pipe Liner, Add</i>	28.39	
<i>For DR 35 Pipe Liner, Deduct</i>	-14.19	
<i>For DR 41 Pipe Liner, Deduct</i>	-28.39	
<i>For Up To 75, Add</i>	43.22	
<i>For >75 To 150, Add</i>	21.61	
<i>For >500 To 1,000, Deduct</i>	-1.03	
<i>For >1,000 To 2,000, Deduct</i>	-2.05	
<i>For >2,000, Deduct</i>	-4.10	
33 01 30 79-0010 LF 12" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	181.24	
<i>For DR 26 Pipe Liner, Add</i>	41.55	
<i>For DR 35 Pipe Liner, Deduct</i>	-20.78	
<i>For DR 41 Pipe Liner, Deduct</i>	-41.55	
<i>For Up To 75, Add</i>	55.80	
<i>For >75 To 150, Add</i>	27.90	
<i>For >500 To 1,000, Deduct</i>	-1.13	
<i>For >1,000 To 2,000, Deduct</i>	-2.26	
<i>For >2,000, Deduct</i>	-4.51	
33 01 30 79-0011 LF 15" Diameter Form and Fold Polyethylene Pipeliner, DR 32.5	251.07	
<i>For DR 35 Pipe Liner, Deduct</i>	-29.25	
<i>For DR 41 Pipe Liner, Deduct</i>	-58.50	
<i>For Up To 75, Add</i>	72.43	
<i>For >75 To 150, Add</i>	36.22	
<i>For >500 To 1,000, Deduct</i>	-1.28	
<i>For >1,000 To 2,000, Deduct</i>	-2.56	
<i>For >2,000, Deduct</i>	-5.13	
33 01 30 79-0012 LF 18" Diameter Form and Fold Polyethylene Pipeliner, DR 35	358.54	
<i>For DR 41 Pipe Liner, Deduct</i>	-33.93	
<i>For DR 50 Pipe Liner, Deduct</i>	-67.85	
<i>For Up To 75, Add</i>	96.76	
<i>For >75 To 150, Add</i>	48.38	
<i>For >500 To 1,000, Deduct</i>	-1.45	
<i>For >1,000 To 2,000, Deduct</i>	-2.89	
<i>For >2,000, Deduct</i>	-5.78	
33 01 30 79-0013 LF 21" Diameter Form and Fold Polyethylene Pipeliner, DR 47	406.26	
<i>For DR 50 Pipe Liner, Deduct</i>	-57.81	
<i>For DR 55 Pipe Liner, Deduct</i>	-96.35	
<i>For Up To 75, Add</i>	108.40	
<i>For >75 To 150, Add</i>	54.20	
<i>For >500 To 1,000, Deduct</i>	-1.57	
<i>For >1,000 To 2,000, Deduct</i>	-3.13	
<i>For >2,000, Deduct</i>	-6.26	
33 01 30 79-0014 LF 24" Diameter Form and Fold Polyethylene Pipeliner, DR 55	497.63	
<i>For DR 60 Pipe Liner, Deduct</i>	-71.23	
<i>For Up To 75, Add</i>	129.14	
<i>For >75 To 150, Add</i>	64.57	
<i>For >500 To 1,000, Deduct</i>	-1.71	
<i>For >1,000 To 2,000, Deduct</i>	-3.42	
<i>For >2,000, Deduct</i>	-6.83	
33 01 30 79-0015 Form And Fold Polyvinyl Chloride (PVC) Pipeliner <small>(33 01 30 79-0001)</small>		
33 01 30 79-0016 LF 4" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5	70.61	
<i>For Up To 75, Add</i>	28.08	
<i>For >75 To 150, Add</i>	14.04	
<i>For >500 To 1,000, Deduct</i>	-0.81	
<i>For >1,000 To 2,000, Deduct</i>	-1.61	
<i>For >2,000, Deduct</i>	-3.22	
<i>For DR 26 Pipe Liner, Add</i>	14.97	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 79-0017 LF 6" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	85.88	
For Up To 75, Add	32.20	
For >75 To 150, Add	16.10	
For >500 To 1,000, Deduct	-0.87	
For >1,000 To 2,000, Deduct	-1.73	
For >2,000, Deduct	-3.47	
For DR 26 Pipe Liner, Add	18.58	
For DR 35 Pipe Liner, Deduct	-9.29	
33 01 30 79-0018 LF 8" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	95.11	
For Up To 75, Add	35.31	
For >75 To 150, Add	17.66	
For >500 To 1,000, Deduct	-0.94	
For >1,000 To 2,000, Deduct	-1.88	
For >2,000, Deduct	-3.76	
For DR 26 Pipe Liner, Add	20.65	
For DR 35 Pipe Liner, Deduct	-10.32	
33 01 30 79-0019 LF 10" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	137.54	
For Up To 75, Add	45.28	
For >75 To 150, Add	22.64	
For >500 To 1,000, Deduct	-1.03	
For >1,000 To 2,000, Deduct	-2.05	
For >2,000, Deduct	-4.10	
For DR 26 Pipe Liner, Add	30.97	
For DR 35 Pipe Liner, Deduct	-15.48	
For DR 41 Pipe Liner, Deduct	-30.97	
33 01 30 79-0020 LF 12" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	196.72	
For Up To 75, Add	58.90	
For >75 To 150, Add	29.45	
For >500 To 1,000, Deduct	-1.13	
For >1,000 To 2,000, Deduct	-2.26	
For >2,000, Deduct	-4.51	
For DR 26 Pipe Liner, Add	45.42	
For DR 35 Pipe Liner, Deduct	-22.71	
For DR 41 Pipe Liner, Deduct	-45.42	
33 01 30 79-0021 LF 15" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 32.5.....	273.09	
For Up To 75, Add	76.84	
For >75 To 150, Add	38.42	
For >500 To 1,000, Deduct	-1.28	
For >1,000 To 2,000, Deduct	-2.56	
For >2,000, Deduct	-5.13	
For DR 35 Pipe Liner, Deduct	-32.00	
For DR 41 Pipe Liner, Deduct	-64.00	
33 01 30 79-0022 LF 18" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 35.....	390.89	
For Up To 75, Add	103.23	
For >75 To 150, Add	51.61	
For >500 To 1,000, Deduct	-1.45	
For >1,000 To 2,000, Deduct	-2.89	
For >2,000, Deduct	-5.78	
For DR 41 Pipe Liner, Deduct	-37.16	
For DR 50 Pipe Liner, Deduct	-74.32	
33 01 30 79-0023 LF 21" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 47.....	442.05	
For Up To 75, Add	115.55	
For >75 To 150, Add	57.78	
For >500 To 1,000, Deduct	-1.57	
For >1,000 To 2,000, Deduct	-3.13	
For >2,000, Deduct	-6.26	
For DR 50 Pipe Liner, Deduct	-63.18	
For DR 55 Pipe Liner, Deduct	-105.29	
33 01 30 79-0024 LF 24" Diameter Form and Fold Polyvinyl Chloride (PVC) Pipeliner, DR 55.....	543.05	
For Up To 75, Add	138.22	
For >75 To 150, Add	69.11	
For >500 To 1,000, Deduct	-1.71	
For >1,000 To 2,000, Deduct	-3.42	
For >2,000, Deduct	-6.83	
For DR 60 Pipe Liner, Deduct	-78.04	

33 01 30 81 Manhole Rehabilitation (33 01 30)

33 01 30 81-0001 Restoration And Rehabilitation Of Manholes (33 01 30 81)
Note: Work is in confined spaces.

33 01 30 81-0002 Inspection And Ventilation System Set-up (33 01 30 81-0001)

33 01 30 81-0003 EA Inspect Manhole	174.54
33 01 30 81-0004 EA 36" to 60" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System	14,385.34
Note: For internal inspection and repair of water mains.	
33 01 30 81-0005 EA >60" to 108" Diameter, Up To 2600', Installation And Maintenance Of Ventilation System	20,406.76
Note: For internal inspection and repair of water mains	

33 01 30 81-0006 Manhole Seals (33 01 30 81-0001)

33 01 30 81-0007 Internal Manhole Chimney Seals (33 01 30 81-0006)

Note: Cretex.	
33 01 30 81-0008 EA 20" Internal Manhole Chimney Seal.....	533.40
33 01 30 81-0009 EA 22" Internal Manhole Chimney Seal.....	562.23
33 01 30 81-0010 EA 24" Internal Manhole Chimney Seal.....	576.64
33 01 30 81-0011 EA 26" Internal Manhole Chimney Seal.....	663.15

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 81-0012 EA 28" Internal Manhole Chimney Seal.....	749.64	
33 01 30 81-0013 EA 30" Internal Manhole Chimney Seal.....	836.14	
33 01 30 81-0014 EA 36" Internal Manhole Chimney Seal.....	1,009.13	
33 01 30 81-0015 External Manhole Encapsulation (33 01 30 81-0006)		
Note: Wrapidseal.		
33 01 30 81-0016 EA 24" External Manhole Encapsulation	778.47	
33 01 30 81-0017 EA 30" External Manhole Encapsulation	821.73	
33 01 30 81-0018 EA 36" External Manhole Encapsulation	879.39	
33 01 30 81-0019 EA 42" External Manhole Encapsulation	951.46	
33 01 30 81-0020 EA 48" External Manhole Encapsulation	1,052.38	
33 01 30 81-0021 EA 54" External Manhole Encapsulation	1,167.71	
33 01 30 81-0022 EA 60" External Manhole Encapsulation	1,311.87	
33 01 30 81-0023 Manhole Crack Repair (33 01 30 81-0001)		
Note: Includes removing loose materials and cleaning.		
33 01 30 81-0024 LF Up To 1/4" Wide, Epoxy Grout Injection, Manhole Crack Repair.....	52.96	
33 01 30 81-0025 LF >1/4" To 1/2" Wide, Epoxy Grout Injection, Manhole Crack Repair	71.38	
33 01 30 81-0026 LF Up To 1/4" Wide, Urethane Grout Injection, Manhole Crack Repair	49.72	
33 01 30 81-0027 LF >1/4" To 1/2" Wide, Urethane Grout Injection, Manhole Crack Repair	67.50	
33 01 30 81-0028 Manhole Patching (33 01 30 81-0001)		
Note: Includes removing loose materials and cleaning.		
33 01 30 81-0029 SF Up To 1/4" Thick, Cementitious Grout, Manhole Patching.....	16.84	
33 01 30 81-0030 SF Up To 1/4" Thick, Epoxy Grout, Manhole Patching.....	40.58	
33 01 30 81-0031 Manhole Joint Restoration (33 01 30 81-0001)		
Note: Includes drilling holes at joints, fill joints with grout.		
33 01 30 81-0032 EA 3' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,307.77	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add		221.78
33 01 30 81-0033 EA 3-1/2' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	2,694.07	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add		246.24
33 01 30 81-0034 EA 4' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	3,077.03	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add		270.71
33 01 30 81-0035 EA 5' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	3,664.48	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add		282.94
33 01 30 81-0036 EA 6' Diameter Joint Restoration, Grout Fill Per Each Manhole.....	4,250.26	
Note: Includes two (2) joints sections to be grouted and two (2) pipe connections.		
For Grouting Each Additional Manhole Joint Section, Add		295.17
33 01 30 81-0037 Step Installation In Existing Manholes (33 01 30 81-0001)		
Note: Including drilling in existing concrete manhole, step and grout. Demolition cost includes removal of old step and patching holes.		
33 01 30 81-0038 EA Drill And Grout 8" x 9" Cast Iron Manhole Steps.....	149.32	21.04
33 01 30 81-0039 EA Drill And Grout Galvanized Steel Manhole Step	114.78	21.04
33 01 30 81-0040 EA Bolt On Galvanized Steel Manhole Step.....	137.89	21.04
33 01 30 81-0041 EA Drill And Grout Aluminum Manhole Step	143.27	21.04
33 01 30 81-0042 EA Drill And Insert Polypropylene Manhole Step	66.76	16.84
33 01 30 81-0043 Invert Restoration (33 01 30 81-0001)		
Note: Includes removal of existing defective material and installation of new material.		
33 01 30 81-0044 Concrete Invert Restoration (33 01 30 81-0043)		
33 01 30 81-0045 EA 2' Diameter, Concrete Invert Restoration.....	335.32	
33 01 30 81-0046 EA 3' Diameter, Concrete Invert Restoration.....	378.96	
33 01 30 81-0047 EA 4' Diameter, Concrete Invert Restoration.....	422.59	
33 01 30 81-0048 EA 5' Diameter, Concrete Invert Restoration.....	466.23	
33 01 30 81-0049 EA 6' Diameter, Concrete Invert Restoration.....	597.13	
33 01 30 81-0050 SF Square Or Rectangular, Concrete Invert Restoration	33.60	
33 01 30 81-0051 Brick Invert Restoration (33 01 30 81-0043)		
33 01 30 81-0052 EA 2' Diameter, Brick Invert Restoration	589.06	
33 01 30 81-0053 EA 3' Diameter, Brick Invert Restoration	632.70	
33 01 30 81-0054 EA 4' Diameter, Brick Invert Restoration	676.33	
33 01 30 81-0055 EA 5' Diameter, Brick Invert Restoration	719.97	
33 01 30 81-0056 EA 6' Diameter, Brick Invert Restoration	763.60	
33 01 30 81-0057 SF Square Or Rectangular, Brick Invert Restoration.....	47.50	

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 30 Operation and Maintenance of Sewer Utilities**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 01 30 81-0058 Repair In-Kind Of Drainage Structures <small>(33 01 30 81)</small>		
Note: For brick, concrete or concrete block catch basins, inlets, manholes, and other drainage structures. Includes replacing bricks or concrete blocks, concrete repair, sealing and repairing joints, excavation, backfilling, pavement removal, restoration of pavement and all tasks to perform interior and/or exterior repair in-kind. Sizes are inside dimensions. For other sizes, use closest size.		
33 01 30 81-0059	VLF 2' Diameter, Repair In-Kind Drainage Structure.....	809.86
33 01 30 81-0060	VLF 3' Diameter, Repair In-Kind Drainage Structure.....	1,214.80
33 01 30 81-0061	VLF 4' Diameter, Repair In-Kind Drainage Structure.....	1,619.84
33 01 30 81-0062	VLF 5' Diameter, Repair In-Kind Drainage Structure.....	2,024.66
33 01 30 81-0063	VLF 6' Diameter, Repair In-Kind Drainage Structure.....	2,429.60
33 01 30 81-0064	VLF 2' x 2', Repair In-Kind Drainage Structure.....	1,031.68
33 01 30 81-0065	VLF 2' x 3', Repair In-Kind Drainage Structure.....	1,289.60
33 01 30 81-0066	VLF 2' x 4', Repair In-Kind Drainage Structure.....	1,547.51
33 01 30 81-0067	VLF 3' x 4', Repair In-Kind Drainage Structure.....	1,805.43
33 01 30 81-0068	VLF 4' x 4', Repair In-Kind Drainage Structure.....	2,063.35
33 01 30 81-0069	VLF 4' x 5', Repair In-Kind Drainage Structure.....	2,321.27
33 01 30 81-0070	VLF 4' x 6', Repair In-Kind Drainage Structure.....	2,579.19
33 01 30 81-0071	VLF 4' x 8', Repair In-Kind Drainage Structure.....	3,095.03
33 01 30 81-0072	VLF >32 GSF, Repair In-Kind Drainage Structure.....	3,610.87

33 01 30 82 Epoxy Lining for Concrete Manholes (33 01 30)

33 01 30 82-0001 Epoxy Manhole Restoration, Interior <small>(33 01 30 82)</small>		
33 01 30 82-0002	VLF 60 Mil Epoxy Restoration Of 3' Diameter Manhole Interior	335.24
	For 80 Mil Material, Add	40.65
	For 100 Mil Material, Add	81.30
	For 125 Mil Material, Add	126.95
	For 150 Mil Material, Add	172.61
	For 200 Mil Material, Add	250.15
	For 2 To 5 Manholes, Deduct	-23.64
	For 6 To 10 Manholes, Deduct	-38.90
	For >10 Manholes, Deduct	-77.81
33 01 30 82-0003	VLF 60 Mil Epoxy Restoration Of 3-1/2' Diameter Manhole Interior	406.46
	For 80 Mil Material, Add	48.59
	For 100 Mil Material, Add	97.18
	For 125 Mil Material, Add	151.61
	For 150 Mil Material, Add	206.05
	For 200 Mil Material, Add	298.09
	For 2 To 5 Manholes, Deduct	-28.73
	For 6 To 10 Manholes, Deduct	-47.30
	For >10 Manholes, Deduct	-94.61
33 01 30 82-0004	VLF 60 Mil Epoxy Restoration Of 4' Diameter Manhole Interior	446.99
	For 80 Mil Material, Add	54.20
	For 100 Mil Material, Add	108.40
	For 125 Mil Material, Add	169.27
	For 150 Mil Material, Add	230.15
	For 200 Mil Material, Add	333.54
	For 2 To 5 Manholes, Deduct	-31.52
	For 6 To 10 Manholes, Deduct	-51.87
	For >10 Manholes, Deduct	-103.74
33 01 30 82-0005	VLF 60 Mil Epoxy Restoration Of 5' Diameter Manhole Interior	558.80
	For 80 Mil Material, Add	67.77
	For 100 Mil Material, Add	135.54
	For 125 Mil Material, Add	211.66
	For 150 Mil Material, Add	287.77
	For 200 Mil Material, Add	417.07
	For 2 To 5 Manholes, Deduct	-39.41
	For 6 To 10 Manholes, Deduct	-64.84
	For >10 Manholes, Deduct	-129.69
33 01 30 82-0006	VLF 60 Mil Epoxy Restoration Of 6' Diameter Manhole Interior	670.54
	For 80 Mil Material, Add	81.32
	For 100 Mil Material, Add	162.64
	For 125 Mil Material, Add	253.97
	For 150 Mil Material, Add	345.31
	For 200 Mil Material, Add	500.45
	For 2 To 5 Manholes, Deduct	-47.29
	For 6 To 10 Manholes, Deduct	-77.81
	For >10 Manholes, Deduct	-155.62

33 01 30 83 Lining for Concrete Manholes (33 01 30)

33 01 30 83-0001 Manhole Lining <small>(33 01 30 83)</small>		
Note: Includes power washing and cleaning of manhole interiors.		
33 01 30 83-0002 Cementitious Manhole Restoration, Interior <small>(33 01 30 83-0001)</small>		
33 01 30 83-0003	VLF 1/2" Cementitious Restoration On 3' Diameter Manhole Interior.....	138.56
	For Each Additional 1/2" Thick Material, Add	31.74
	For 2 To 5 Manholes, Deduct	-9.83
	For 6 To 10 Manholes, Deduct	-16.20
	For >10 Manholes, Deduct	-32.40
33 01 30 83-0004	VLF 1/2" Cementitious Restoration On 3-1/2' Diameter Manhole Interior	160.64
	For Each Additional 1/2" Thick Material, Add	36.94
	For 2 To 5 Manholes, Deduct	-11.40
	For 6 To 10 Manholes, Deduct	-18.78
	For >10 Manholes, Deduct	-37.55

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 30 83-0005 VLF 1/2" Cementitious Restoration On 4' Diameter Manhole Interior.....	182.72	
<i>For Each Additional 1/2" Thick Material, Add</i>	42.13	
<i>For 2 To 5 Manholes, Deduct</i>	-12.96	
<i>For 6 To 10 Manholes, Deduct</i>	-21.35	
<i>For >10 Manholes, Deduct</i>	-42.70	
33 01 30 83-0006 VLF 1/2" Cementitious Restoration On 5' Diameter Manhole Interior.....	214.81	
<i>For Each Additional 1/2" Thick Material, Add</i>	51.44	
<i>For 2 To 5 Manholes, Deduct</i>	-15.17	
<i>For 6 To 10 Manholes, Deduct</i>	-24.98	
<i>For >10 Manholes, Deduct</i>	-49.96	
33 01 30 83-0007 VLF 1/2" Cementitious Restoration On 6' Diameter Manhole Interior.....	234.33	
<i>For Each Additional 1/2" Thick Material, Add</i>	59.22	
<i>For 2 To 5 Manholes, Deduct</i>	-16.46	
<i>For 6 To 10 Manholes, Deduct</i>	-27.05	
<i>For >10 Manholes, Deduct</i>	-54.11	
33 01 30 83-0008 Polyurethane Manhole Restoration, Interior <small>(33 01 30 83-0001)</small>		
33 01 30 83-0009 VLF 60 Mil Polyurethane Restoration Of 3' Diameter Manhole Interior.....	296.17	
<i>For 80 Mil Material, Add</i>	27.63	
<i>For 100 Mil Material, Add</i>	55.25	
<i>For 125 Mil Material, Add</i>	84.63	
<i>For 150 Mil Material, Add</i>	114.00	
<i>For 200 Mil Material, Add</i>	158.99	
<i>For 2 To 5 Manholes, Deduct</i>	-21.69	
<i>For 6 To 10 Manholes, Deduct</i>	-35.97	
<i>For >10 Manholes, Deduct</i>	-71.95	
33 01 30 83-0010 VLF 60 Mil Polyurethane Restoration Of 3-1/2' Diameter Manhole Interior.....	360.82	
<i>For 80 Mil Material, Add</i>	33.38	
<i>For 100 Mil Material, Add</i>	66.76	
<i>For 125 Mil Material, Add</i>	102.17	
<i>For 150 Mil Material, Add</i>	137.59	
<i>For 200 Mil Material, Add</i>	191.60	
<i>For 2 To 5 Manholes, Deduct</i>	-26.45	
<i>For 6 To 10 Manholes, Deduct</i>	-43.88	
<i>For >10 Manholes, Deduct</i>	-87.76	
33 01 30 83-0011 VLF 60 Mil Polyurethane Restoration Of 4' Diameter Manhole Interior.....	394.89	
<i>For 80 Mil Material, Add</i>	36.83	
<i>For 100 Mil Material, Add</i>	73.67	
<i>For 125 Mil Material, Add</i>	112.83	
<i>For 150 Mil Material, Add</i>	152.00	
<i>For 200 Mil Material, Add</i>	211.97	
<i>For 2 To 5 Manholes, Deduct</i>	-28.92	
<i>For 6 To 10 Manholes, Deduct</i>	-47.96	
<i>For >10 Manholes, Deduct</i>	-95.93	
33 01 30 83-0012 VLF 60 Mil Polyurethane Restoration Of 5' Diameter Manhole Interior.....	493.62	
<i>For 80 Mil Material, Add</i>	46.04	
<i>For 100 Mil Material, Add</i>	92.09	
<i>For 125 Mil Material, Add</i>	141.05	
<i>For 150 Mil Material, Add</i>	190.00	
<i>For 200 Mil Material, Add</i>	264.98	
<i>For 2 To 5 Manholes, Deduct</i>	-36.15	
<i>For 6 To 10 Manholes, Deduct</i>	-59.96	
<i>For >10 Manholes, Deduct</i>	-119.91	
33 01 30 83-0013 VLF 60 Mil Polyurethane Restoration Of 6' Diameter Manhole Interior.....	592.34	
<i>For 80 Mil Material, Add</i>	55.25	
<i>For 100 Mil Material, Add</i>	110.51	
<i>For 125 Mil Material, Add</i>	169.26	
<i>For 150 Mil Material, Add</i>	228.01	
<i>For 200 Mil Material, Add</i>	317.98	
<i>For 2 To 5 Manholes, Deduct</i>	-43.38	
<i>For 6 To 10 Manholes, Deduct</i>	-71.95	
<i>For >10 Manholes, Deduct</i>	-143.89	
33 01 30 83-0014 Multiplexx™ PVCP Cured-In-Place (CIP) Lining Manhole Restoration, Interior <small>(33 01 30 83-0001)</small>		
33 01 30 83-0015 VLF 3' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	545.48	
<i>For 2 To 5 Manholes, Deduct</i>	-31.50	
<i>For 6 To 10 Manholes, Deduct</i>	-49.37	
<i>For >10 Manholes, Deduct</i>	-98.74	
33 01 30 83-0016 VLF 3-1/2' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	668.04	
<i>For 2 To 5 Manholes, Deduct</i>	-38.57	
<i>For 6 To 10 Manholes, Deduct</i>	-60.44	
<i>For >10 Manholes, Deduct</i>	-120.88	
33 01 30 83-0017 VLF 4' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	788.47	
<i>For 2 To 5 Manholes, Deduct</i>	-45.06	
<i>For 6 To 10 Manholes, Deduct</i>	-70.41	
<i>For >10 Manholes, Deduct</i>	-140.83	
33 01 30 83-0018 VLF 5' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	988.86	
<i>For 2 To 5 Manholes, Deduct</i>	-56.49	
<i>For 6 To 10 Manholes, Deduct</i>	-88.26	
<i>For >10 Manholes, Deduct</i>	-176.52	
33 01 30 83-0019 VLF 6' Diameter, Multiplexx™ PVCP Cured-In-Place (CIP) Manhole Liner For Existing Manhole.....	1,189.26	
<i>For 2 To 5 Manholes, Deduct</i>	-67.92	
<i>For 6 To 10 Manholes, Deduct</i>	-106.11	
<i>For >10 Manholes, Deduct</i>	-212.22	

33	Utilities
33 01	Operation and Maintenance of Utilities
33 01 30	Operation and Maintenance of Sewer Utilities

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

33 01 30 86	Manhole Rim Adjustment <small>(33 01 30)</small>		
33 01 30 86-0001	Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers <small>(33 01 30 86)</small>		
33 01 30 86-0002	Up To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Risers <small>(33 01 30 86-0001)</small>		
33 01 30 86-0003	EA Up To 2" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		361.29
33 01 30 86-0004	EA >2" To 3" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		406.51
33 01 30 86-0005	EA >3" To 4" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		447.59
33 01 30 86-0006	EA >4" To 5" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		494.13
33 01 30 86-0007	EA >5" To 6" Rise, Up To 26" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		531.95
33 01 30 86-0008	Up To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser <small>(33 01 30 86-0001)</small>		
33 01 30 86-0009	EA Up To 2" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		425.00
33 01 30 86-0010	EA >2 To 3" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		463.32
33 01 30 86-0011	EA >3" To 4" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		511.51
33 01 30 86-0012	EA >4" To 5" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		558.05
33 01 30 86-0013	EA >5" To 6" Rise, >26" To 32-1/2" Diameter, Adjustable Or Solid, Cast Iron Or Steel, Manhole Cover Riser		602.94
33 01 30 86-0014	Up To 6" Rise, >32-1/2" To 36" Diameter, Adjustable Or Solid Manhole Risers <small>(33 01 30 86-0001)</small>		
33 01 30 86-0015	EA Up To 4" Rise, >32-1/2" To 36" Diameter, Solid Manhole Risers		487.64
33 01 30 86-0016	EA >4" To 5" Rise, >32-1/2" To 36" Diameter, Solid Manhole Risers		515.36
33 01 30 86-0017	EA >5" To 6" Rise, >32-1/2" To 36" Diameter, Solid Manhole Risers		545.13
33 01 30 86-0018	>6" To 12" Rise, >32-1/2" To 36" Diameter, Solid, Cast Iron, Manhole Cover Risers <small>(33 01 30 86-0001)</small>		
33 01 30 86-0019	EA >6" To 6-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		593.54
33 01 30 86-0020	EA 7" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		645.60
33 01 30 86-0021	EA 7-1/2" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		698.50
33 01 30 86-0022	EA 8" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		740.60
33 01 30 86-0023	EA 9" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		804.88
33 01 30 86-0024	EA 10" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		863.31
33 01 30 86-0025	EA 11" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		920.50
33 01 30 86-0026	EA 12" Rise, >32-1/2" To 36", Solid, Cast Iron, Manhole Cover Riser		978.91
33 01 30 86-0027	>12" Rise, Solid Manhole Risers <small>(33 01 30 86)</small>		
33 01 30 86-0028	Precast Concrete Manhole Riser <small>(33 01 30 86-0027)</small>		
33 01 30 86-0029	VLF Up To 26" Diameter Precast Concrete Manhole Riser		96.44
33 01 30 86-0030	VLF >26" To 36" Diameter Precast Concrete Manhole Riser		115.55
33 01 30 86-0031	VLF >36" To 48" Diameter Precast Concrete Manhole Riser		177.05
33 01 30 86-0032	VLF >48" To 60" Diameter Precast Concrete Manhole Riser		362.04
33 01 30 86-0033	VLF >60" To 72" Diameter Precast Concrete Manhole Riser		530.16

33 01 34 Operation and Maintenance of Onsite Wastewater Disposal Systems (33 01)

33 01 34 13	Septic Tank Solids Removal <small>(33 01 34)</small>		
33 01 34 13-0001	Pump Out Septic Tanks <small>(33 01 34 13)</small>		
33 01 34 13-0002	GAL Pump Out Septic Tank And Dispose		0.66

33 01 70 Operation and Maintenance of Electrical Utilities (33 01)

33 01 70 51	Electrical Utility Visual Inspection <small>(33 01 70)</small>		
33 01 70 51-0001	Video Camera Inspection Of Gas Piping and Electrical Duct <small>(33 01 70 51)</small>		
33 01 70 51-0002	Video Camera Set-up <small>(33 01 70 51-0001)</small>		
33 01 70 51-0003	EA Up To 12" Diameter, Initial Set Up For Video Inspection, Gas Pipe Or Electrical Duct		258.87
33 01 70 51-0004	EA >12" To 48" Diameter, Initial Set Up For Video Inspection, Gas Pipe		291.23
33 01 70 51-0005	EA Up To 12" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe Or Electrical Duct		64.72
33 01 70 51-0006	EA >12" To 48" Diameter, Re-Set Up/Move For Video Inspection, Gas Pipe		97.08
33 01 70 51-0007	Video Camera Inspection Of Gas Pipe Or Electrical Duct <small>(33 01 70 51-0001)</small>		
33 01 70 51-0008	LF Up To 12" Diameter, Video Inspection, Gas Pipe Or Electrical Duct		1.00
	For >1,000 To 5,000, Deduct		-0.05
	For >5,000, Deduct		-0.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70 51-0009 LF >12" To 48" Diameter, Video Inspection, Gas Pipe	1.54	
<i>For >1,000 To 5,000, Deduct</i>	-0.08	
<i>For >5,000, Deduct</i>	-0.15	
33 01 70 72 Cured-in-Place Conduit Lining (33 01 70)		
33 01 70 72-0001 Lining Conduit With Cured In-Place (CIP) Liner (33 01 70 72)		
Note: Cured in-place thermosetting resin pipe and resin impregnated tube. Excludes video camera inspection and cleaning.		
33 01 70 72-0002 2mm Thick Cured In-Place Conduit Lining (33 01 70 72-0001)		
33 01 70 72-0003 LF 1-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	7.04	
<i>For Up To >10, Add</i>	13.55	
<i>For >10 To 25, Add</i>	10.78	
<i>For >25 To 50, Add</i>	6.62	
<i>For >50 To 100, Add</i>	3.31	
<i>For >500 To 1,000, Deduct</i>	-0.45	
<i>For >1,000 To 2,000, Deduct</i>	-0.73	
<i>For >2,000 To 5,000, Deduct</i>	-1.37	
<i>For >5,000, Deduct</i>	-2.21	
33 01 70 72-0004 LF 2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	8.62	
<i>For Up To >10, Add</i>	15.61	
<i>For >10 To 25, Add</i>	12.33	
<i>For >25 To 50, Add</i>	7.60	
<i>For >50 To 100, Add</i>	3.80	
<i>For >500 To 1,000, Deduct</i>	-0.54	
<i>For >1,000 To 2,000, Deduct</i>	-0.87	
<i>For >2,000 To 5,000, Deduct</i>	-1.62	
<i>For >5,000, Deduct</i>	-2.63	
33 01 70 72-0005 LF 2-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	10.81	
<i>For Up To >10, Add</i>	19.51	
<i>For >10 To 25, Add</i>	15.39	
<i>For >25 To 50, Add</i>	9.49	
<i>For >50 To 100, Add</i>	4.75	
<i>For >500 To 1,000, Deduct</i>	-0.68	
<i>For >1,000 To 2,000, Deduct</i>	-1.09	
<i>For >2,000 To 5,000, Deduct</i>	-2.03	
<i>For >5,000, Deduct</i>	-3.29	
33 01 70 72-0006 LF 3" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	12.76	
<i>For Up To >10, Add</i>	22.68	
<i>For >10 To 25, Add</i>	17.86	
<i>For >25 To 50, Add</i>	11.03	
<i>For >50 To 100, Add</i>	5.51	
<i>For >500 To 1,000, Deduct</i>	-0.80	
<i>For >1,000 To 2,000, Deduct</i>	-1.28	
<i>For >2,000 To 5,000, Deduct</i>	-2.38	
<i>For >5,000, Deduct</i>	-3.86	
33 01 70 72-0007 LF 3-1/2" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	14.32	
<i>For Up To >10, Add</i>	24.71	
<i>For >10 To 25, Add</i>	19.38	
<i>For >25 To 50, Add</i>	11.99	
<i>For >50 To 100, Add</i>	6.00	
<i>For >500 To 1,000, Deduct</i>	-0.89	
<i>For >1,000 To 2,000, Deduct</i>	-1.43	
<i>For >2,000 To 5,000, Deduct</i>	-2.63	
<i>For >5,000, Deduct</i>	-4.27	
33 01 70 72-0008 LF 4" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	16.14	
<i>For Up To >10, Add</i>	27.50	
<i>For >10 To 25, Add</i>	21.52	
<i>For >25 To 50, Add</i>	13.33	
<i>For >50 To 100, Add</i>	6.66	
<i>For >500 To 1,000, Deduct</i>	-1.00	
<i>For >1,000 To 2,000, Deduct</i>	-1.60	
<i>For >2,000 To 5,000, Deduct</i>	-2.95	
<i>For >5,000, Deduct</i>	-4.78	
33 01 70 72-0009 LF 5" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	19.03	
<i>For Up To >10, Add</i>	30.82	
<i>For >10 To 25, Add</i>	23.93	
<i>For >25 To 50, Add</i>	14.88	
<i>For >50 To 100, Add</i>	7.44	
<i>For >500 To 1,000, Deduct</i>	-1.16	
<i>For >1,000 To 2,000, Deduct</i>	-1.85	
<i>For >2,000 To 5,000, Deduct</i>	-3.39	
<i>For >5,000, Deduct</i>	-5.51	
33 01 70 72-0010 LF 6" Conduit Lined With 2mm Thick Cured In-Place (CIP) Lining.....	21.91	
<i>For Up To >10, Add</i>	34.13	
<i>For >10 To 25, Add</i>	26.34	
<i>For >25 To 50, Add</i>	16.43	
<i>For >50 To 100, Add</i>	8.22	
<i>For >500 To 1,000, Deduct</i>	-1.33	
<i>For >1,000 To 2,000, Deduct</i>	-2.11	
<i>For >2,000 To 5,000, Deduct</i>	-3.83	
<i>For >5,000, Deduct</i>	-6.24	
33 01 70 72-0011 3mm Thick Cured In-Place Conduit Lining (33 01 70 72-0001)		

33 Utilities**33 01 Operation and Maintenance of Utilities****33 01 70 Operation and Maintenance of Electrical Utilities**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 01 70	72-0012	LF	1-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining.....	8.69	
			<i>For Up To >10, Add</i>	15.00	
			<i>For >10 To 25, Add</i>	11.76	
			<i>For >25 To 50, Add</i>	7.28	
			<i>For >50 To 100, Add</i>	3.64	
			<i>For >500 To 1,000, Deduct</i>	-0.54	
			<i>For >1,000 To 2,000, Deduct</i>	-0.86	
			<i>For >2,000 To 5,000, Deduct</i>	-1.60	
			<i>For >5,000, Deduct</i>	-2.59	
33 01 70	72-0013	LF	2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	11.29	
			<i>For Up To >10, Add</i>	18.80	
			<i>For >10 To 25, Add</i>	14.66	
			<i>For >25 To 50, Add</i>	9.10	
			<i>For >50 To 100, Add</i>	4.55	
			<i>For >500 To 1,000, Deduct</i>	-0.70	
			<i>For >1,000 To 2,000, Deduct</i>	-1.11	
			<i>For >2,000 To 5,000, Deduct</i>	-2.04	
			<i>For >5,000, Deduct</i>	-3.31	
33 01 70	72-0014	LF	2-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	13.90	
			<i>For Up To >10, Add</i>	22.63	
			<i>For >10 To 25, Add</i>	17.58	
			<i>For >25 To 50, Add</i>	10.93	
			<i>For >50 To 100, Add</i>	5.47	
			<i>For >500 To 1,000, Deduct</i>	-0.85	
			<i>For >1,000 To 2,000, Deduct</i>	-1.36	
			<i>For >2,000 To 5,000, Deduct</i>	-2.48	
			<i>For >5,000, Deduct</i>	-4.03	
33 01 70	72-0015	LF	3" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	16.25	
			<i>For Up To >10, Add</i>	25.68	
			<i>For >10 To 25, Add</i>	19.86	
			<i>For >25 To 50, Add</i>	12.38	
			<i>For >50 To 100, Add</i>	6.19	
			<i>For >500 To 1,000, Deduct</i>	-0.99	
			<i>For >1,000 To 2,000, Deduct</i>	-1.57	
			<i>For >2,000 To 5,000, Deduct</i>	-2.86	
			<i>For >5,000, Deduct</i>	-4.65	
33 01 70	72-0016	LF	3-1/2" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining.....	18.48	
			<i>For Up To >10, Add</i>	28.37	
			<i>For >10 To 25, Add</i>	21.83	
			<i>For >25 To 50, Add</i>	13.64	
			<i>For >50 To 100, Add</i>	6.82	
			<i>For >500 To 1,000, Deduct</i>	-1.12	
			<i>For >1,000 To 2,000, Deduct</i>	-1.77	
			<i>For >2,000 To 5,000, Deduct</i>	-3.21	
			<i>For >5,000, Deduct</i>	-5.23	
33 01 70	72-0017	LF	4" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	20.82	
			<i>For Up To >10, Add</i>	31.39	
			<i>For >10 To 25, Add</i>	24.08	
			<i>For >25 To 50, Add</i>	15.07	
			<i>For >50 To 100, Add</i>	7.54	
			<i>For >500 To 1,000, Deduct</i>	-1.25	
			<i>For >1,000 To 2,000, Deduct</i>	-1.98	
			<i>For >2,000 To 5,000, Deduct</i>	-3.59	
			<i>For >5,000, Deduct</i>	-5.84	
33 01 70	72-0018	LF	5" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	25.42	
			<i>For Up To >10, Add</i>	37.16	
			<i>For >10 To 25, Add</i>	28.36	
			<i>For >25 To 50, Add</i>	17.80	
			<i>For >50 To 100, Add</i>	8.90	
			<i>For >500 To 1,000, Deduct</i>	-1.52	
			<i>For >1,000 To 2,000, Deduct</i>	-2.40	
			<i>For >2,000 To 5,000, Deduct</i>	-4.32	
			<i>For >5,000, Deduct</i>	-7.04	
33 01 70	72-0019	LF	6" Conduit Lined With 3mm Thick Cured In-Place (CIP) Lining	29.62	
			<i>For Up To >10, Add</i>	41.76	
			<i>For >10 To 25, Add</i>	31.66	
			<i>For >25 To 50, Add</i>	19.94	
			<i>For >50 To 100, Add</i>	9.97	
			<i>For >500 To 1,000, Deduct</i>	-1.75	
			<i>For >1,000 To 2,000, Deduct</i>	-2.76	
			<i>For >2,000 To 5,000, Deduct</i>	-4.96	
			<i>For >5,000, Deduct</i>	-8.08	

33 05 Common Work Results for Utilities ⁽³³⁾**33 05 07 Trenchless Installation of Utility Piping** ^(33 05)**33 05 07 13 Utility Directional Drilling** ^(33 05 07)**33 05 07 13-0001 Horizontal Augering** ^(33 05 07 13)

Note: Excludes starting or receiving pits, dewatering, cost of casing pipe or spoils removal. See CSI section 31 23 16 36-0000 for excavation and backfill of starting or receiving pits, 33 05 07 24-0001 for casing pipe.

33 05 07 13-0002	LF	Up To 2" Diameter Horizontal Hand Augering	24.42
33 05 07 13-0003	LF	3" Diameter Horizontal Hand Augering	29.46
33 05 07 13-0004	LF	4" Diameter Horizontal Hand Augering	40.40
33 05 07 13-0005	LF	6" Diameter Horizontal Hand Augering	52.19
33 05 07 13-0006	LF	8" Diameter Horizontal Augering.....	96.33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 13-0007 LF 10" Diameter Horizontal Augering	140.52	
33 05 07 13-0008 LF 12" Diameter Horizontal Augering	168.85	
33 05 07 13-0009 LF 16" Diameter Horizontal Augering	201.71	
33 05 07 13-0010 LF 20" Diameter Horizontal Augering	349.03	
33 05 07 13-0011 LF 24" Diameter Horizontal Augering	436.41	
33 05 07 13-0012 LF 30" Diameter Horizontal Augering	538.28	
33 05 07 13-0013 LF 36" Diameter Horizontal Augering	614.99	
33 05 07 13-0014 LF 42" Diameter Horizontal Augering	789.89	
33 05 07 13-0015 LF 48" Diameter Horizontal Augering	851.12	
33 05 07 13-0016 LF 54" Diameter Horizontal Augering	925.64	
33 05 07 13-0017 LF 60" Diameter Horizontal Augering	970.42	
33 05 07 13-0018 EA 8" To 20" Horizontal Augering Minimum Set-up Charge.....	4,079.57	
Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0019 EA >20" To 36" Horizontal Augering Minimum Set-up Charge.....	5,533.71	
Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0020 EA >36" Horizontal Augering Minimum Set-up Charge	8,063.59	
Note: For projects where the total horizontal augering charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0021 Horizontal Directional Boring <small>(33 05 07 13)</small>		
Note: Excludes receiving pits or dewatering or cost of casing pipe. See CSI section 31 23 16 36-0000 for excavation and backfill of starting or receiving pits, 33 05 07 24-0001 for casing pipe.		
33 05 07 13-0022 LF Up To 1-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	13.35	
For Horizontal Boring Through Rock, Add		9.35
33 05 07 13-0023 LF 2" Diameter Directional Boring For Horizontal Pipe, Underground	20.02	
For Horizontal Boring Through Rock, Add		14.01
33 05 07 13-0024 LF 2-1/2" Diameter Directional Boring For Horizontal Pipe, Underground	27.82	
For Horizontal Boring Through Rock, Add		19.47
33 05 07 13-0025 LF 3" Diameter Directional Boring For Horizontal Pipe, Underground	34.48	
For Horizontal Boring Through Rock, Add		24.14
33 05 07 13-0026 LF 4" Diameter Directional Boring For Horizontal Pipe, Underground	41.16	
For Horizontal Boring Through Rock, Add		28.81
33 05 07 13-0027 LF 5" Diameter Directional Boring For Horizontal Pipe, Underground	47.84	
For Horizontal Boring Through Rock, Add		33.49
33 05 07 13-0028 LF 6" Diameter Directional Boring For Horizontal Pipe, Underground	55.62	
For Horizontal Boring Through Rock, Add		38.93
33 05 07 13-0029 LF 8" Diameter Directional Boring For Horizontal Pipe, Underground	67.99	
For Horizontal Boring Through Rock, Add		47.59
33 05 07 13-0030 LF 10" Diameter Directional Boring For Horizontal Pipe, Underground	73.66	
For Horizontal Boring Through Rock, Add		51.56
33 05 07 13-0031 LF 12" Diameter Directional Boring For Horizontal Pipe, Underground	79.33	
For Horizontal Boring Through Rock, Add		55.53
33 05 07 13-0032 LF 18" Diameter Directional Boring For Horizontal Pipe, Underground	164.32	
For Horizontal Boring Through Rock, Add		115.02
33 05 07 13-0033 LF 24" Diameter Directional Boring For Horizontal Pipe, Underground	257.82	
For Horizontal Boring Through Rock, Add		180.47
33 05 07 13-0034 LF 30" Diameter Directional Boring For Horizontal Pipe, Underground	393.02	
For Horizontal Boring Through Rock, Add		275.11
33 05 07 13-0035 LF 36" Diameter Directional Boring For Horizontal Pipe, Underground	628.83	
For Horizontal Boring Through Rock, Add		440.18
33 05 07 13-0036 EA Up To 6" Horizontal Directional Boring Minimum Set-up Charge.....	3,559.93	
Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0037 EA >6" To 18" Horizontal Directional Boring Minimum Set-up Charge.....	4,079.57	
Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 13-0038 EA >18" To 36" Horizontal Directional Boring Minimum Set-up Charge.....	5,533.71	
Note: For projects where the total horizontal directional boring charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.		
33 05 07 23 Utility Boring and Jacking <small>(33 05 07)</small>		
33 05 07 23-0001 Horizontal Jacking <small>(33 05 07 23)</small>		
Note: Includes cost of steel casing pipe, excludes dewatering and excavation for jacking pit or receiving pit. See CSI section 31 23 16 36-0000 for excavation and backfill of starting or receiving pits.		
33 05 07 23-0002 LF Up To 2" Diameter Horizontal Jacking	89.03	
For Horizontal Jacking Through Rock, Add		30.31
33 05 07 23-0003 LF 3" Diameter Horizontal Jacking.....	106.30	
For Horizontal Jacking Through Rock, Add		36.58
33 05 07 23-0004 LF 4" Diameter Horizontal Jacking.....	142.35	
For Horizontal Jacking Through Rock, Add		50.18
33 05 07 23-0005 LF 6" Diameter Horizontal Jacking.....	184.04	
For Horizontal Jacking Through Rock, Add		64.81
33 05 07 23-0006 LF 8" Diameter Horizontal Jacking.....	247.46	
For Horizontal Jacking Through Rock, Add		88.84
33 05 07 23-0007 LF 10" Diameter Horizontal Jacking.....	363.91	
For Horizontal Jacking Through Rock, Add		129.61
33 05 07 23-0008 LF 12" Diameter Horizontal Jacking.....	438.66	
For Horizontal Jacking Through Rock, Add		155.75
33 05 07 23-0009 LF 16" Diameter Horizontal Jacking.....	523.53	
For Horizontal Jacking Through Rock, Add		186.06

33 Utilities**33 05 Common Work Results for Utilities****33 05 07 Trenchless Installation of Utility Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 07 23-0010	LF		20" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	756.55 322.99	
33 05 07 23-0011	LF		24" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	1,557.07 362.48	
33 05 07 23-0012	LF		30" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	1,761.79 447.59	
33 05 07 23-0013	LF		36" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	1,978.19 511.77	
33 05 07 23-0014	LF		42" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	2,119.74 552.66	
33 05 07 23-0015	LF		48" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	2,305.60 595.47	
33 05 07 23-0016	LF		54" Diameter Horizontal Jacking..... <i>For Horizontal Jacking Through Rock, Add</i>	2,442.71 648.07	
33 05 07 23-0017	EA		Up To 6" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	3,559.93	
33 05 07 23-0018	EA		>6" To 20" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	4,079.57	
33 05 07 23-0019	EA		>20" To 36" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	5,533.71	
33 05 07 23-0020	EA		>36" Horizontal Jacking Minimum Set-up Charge..... Note: For projects where the total horizontal jacking charge is less than the minimum set-up charge, use this task exclusively. This task should not be used in conjunction with any other tasks in this section.	8,063.59	

33 05 07 24 Casing Piping for Utility Jacking (33 05 07)

33 05 07 24-0001			Casing Pipe (33 05 07 24) Note: Casing pipe is pulled back from hook on boring auger through slurry. Costs are installed costs. Excludes boring.		
33 05 07 24-0002			Steel Pipe (33 05 07 24-0001)		
33 05 07 24-0003	LF		1-1/2" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	38.00	
33 05 07 24-0004	LF		2" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	40.12	
33 05 07 24-0005	LF		2-1/2" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	43.56	
33 05 07 24-0006	LF		3" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	47.05	
33 05 07 24-0007	LF		4" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	60.61	
33 05 07 24-0008	LF		5" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	69.09	
33 05 07 24-0009	LF		6" Steel Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	77.55	
33 05 07 24-0010			Polyethylene Pipe (33 05 07 24-0001)		
33 05 07 24-0011	LF		3/4" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	9.31	
33 05 07 24-0012	LF		1" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	10.10	
33 05 07 24-0013	LF		1-1/4" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	10.91	
33 05 07 24-0014	LF		1-1/2" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	11.69	
33 05 07 24-0015	LF		2" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	12.50	
33 05 07 24-0016	LF		2-1/2" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	13.47	
33 05 07 24-0017	LF		3" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	14.50	
33 05 07 24-0018	LF		4" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	18.14	
33 05 07 24-0019	LF		5" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	20.38	
33 05 07 24-0020	LF		6" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	22.62	
33 05 07 24-0021	LF		8" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	30.50	
33 05 07 24-0022	LF		10" Polyethylene Pipe Pull In Place By Boring Machine..... Note: Includes pipe welding.	42.94	

33 05 09 Piping Specials for Utilities (33 05)

33 05 09 23 Adapters for Utility Piping (33 05 09)
See CSI section 33 14 13 53-0222 for ductile iron body adapters, 33 14 13 53-0229 for steel body adapters.

33 05 09 33 Thrust Restraint for Utility Piping (33 05 09)
See CSI section 33 14 13 13-0545 for mechanical restraints, 33 14 13 13-0580 for flanged restraints, 33 14 13 13-1152 for slip-on restraints, 33 14 13 13-1168 for slip-on restraint harnesses.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 16 Cast-Iron Utility Pipe <small>(33 05)</small> See CSI section 22 13 16 00-0019 for cast iron utility piping.		
33 05 17 Copper Utility Pipe and Tubing <small>(33 05)</small> See CSI section 33 14 13 39-0000 for copper utility piping.		
33 05 19 Ductile-Iron Utility Pipe <small>(33 05)</small> See CSI section 33 14 13 13-0000 for ductile iron utility piping.		
33 05 24 Steel Utility Pipe <small>(33 05)</small>		
33 05 24 23 Steel Pipe for Water Service <small>(33 05 24)</small> See CSI section 33 14 13 26-0000 for galvanized steel utility piping, 33 14 13 36-0000 for steel utility piping.		
33 05 27 Corrugated Metal Utility Pipe <small>(33 05)</small>		
33 05 27 13 Corrugated Metal Culvert Pipe <small>(33 05 27)</small> See CSI section 33 42 11 00-0452 for corrugated metal culvert pipe.		
33 05 27 23 Corrugated Metal Slotted Pipe <small>(33 05 27)</small> See CSI section 33 41 16 13-0085 for corrugated metal slotted pipe.		
33 05 27 33 Corrugated Metal Culvert Arch Pipe <small>(33 05 27)</small> See CSI section 33 42 11 00-0796 for corrugated metal culvert arch pipe.		
33 05 31 Thermoplastic Utility Pipe <small>(33 05)</small>		
33 05 31 11 Polyvinyl Chloride Gravity Sewer Pipe <small>(33 05 31)</small> See CSI section 33 31 11 00-0000 for polyvinyl chloride gravity sewer pipe.		
33 05 31 13 Polyvinyl Chloride Pressure Pipe <small>(33 05 31)</small> See CSI section 33 14 13 23-0001 for polyvinyl chloride pressure pipe.		
33 05 31 16 Polyvinyl Chloride Pressure Pipe for Water Transmission and Distribution (AWWA C900 and AWWA C905) <small>(33 05 31)</small> See CSI section 33 14 13 23-0171 for AWWA C900 and 905 polyvinyl chloride pressure pipe.		
33 05 33 Polyethylene Utility Pipe <small>(33 05)</small>		
33 05 33 13 Corrugated-Wall, Smooth Interior HDPE Gravity Pipe <small>(33 05 33)</small> See CSI section 33 42 11 00-0193 for corrugated-wall smooth interior HDPE gravity pipe.		
33 05 33 23 Polyethylene Pressure Pipe and Tubing (AWWA C901 and AWWA C906) <small>(33 05 33)</small> See CSI section 33 14 13 23-0426 for AWWA C906 high density polyethylene pipe.		
33 05 33 33 Corrugated, Perforated HDPE Drainage Pipe <small>(33 05 33)</small> See CSI section 33 42 11 00-0215 for corrugated perforated HDPE drainage pipe.		
33 05 33 36 Corrugated, Non-Perforated HDPE Drainage Pipe <small>(33 05 33)</small> See CSI section 33 41 16 13-0002 for corrugated non-perforated HDPE drainage pipe.		
33 05 33 53 HDPE Gas Utility Pipe <small>(33 05 33)</small> See CSI section 33 52 16 26-0001 for high-density polyethylene gas utility pipe.		
33 05 33 56 Medium-Density Polyethylene Gas Utility Pipe <small>(33 05 33)</small> See CSI section 33 52 16 23-0000 for Medium-Density Polyethylene Gas Utility Pipe.		
33 05 33 63 HDPE Communication Duct <small>(33 05 33)</small>		
33 05 33 63-0001 ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine <small>(33 05 33 63)</small> Note: Excludes boring.		
33 05 33 63-0002 LF 1" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.57	
For Up To 250, Add	0.12	
For >250 To 500, Add	0.08	
33 05 33 63-0003 LF 1-1/4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	4.00	
For Up To 250, Add	0.15	
For >250 To 500, Add	0.10	
33 05 33 63-0004 LF 1-1/2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	4.35	
For Up To 250, Add	0.17	
For >250 To 500, Add	0.11	
33 05 33 63-0005 LF 2" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	4.79	
For Up To 250, Add	0.20	
For >250 To 500, Add	0.13	
33 05 33 63-0006 LF 3" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	6.51	
For Up To 250, Add	0.42	
For >250 To 500, Add	0.28	
33 05 33 63-0007 LF 4" Schedule 40, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	8.27	
For Up To 250, Add	0.63	
For >250 To 500, Add	0.42	
33 05 33 63-0008 LF 1" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	3.66	
For Up To 250, Add	0.13	
For >250 To 500, Add	0.09	

33 Utilities**33 05 Common Work Results for Utilities****33 05 33 Polyethylene Utility Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 33	63-0009	LF	1-1/4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	4.16	
			<i>For Up To 250, Add</i>	0.17	
			<i>For >250 To 500, Add</i>	0.11	
33 05 33	63-0010	LF	1-1/2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	4.48	
			<i>For Up To 250, Add</i>	0.19	
			<i>For >250 To 500, Add</i>	0.12	
33 05 33	63-0011	LF	2" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	5.11	
			<i>For Up To 250, Add</i>	0.25	
			<i>For >250 To 500, Add</i>	0.16	
33 05 33	63-0012	LF	3" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	7.22	
			<i>For Up To 250, Add</i>	0.52	
			<i>For >250 To 500, Add</i>	0.35	
33 05 33	63-0013	LF	4" Schedule 80, ASTM F2160, UL 651-A, NEMA TC-7, Smoothwall HDPE Conduit, Pulled In Place By Boring Machine.....	9.17	
			<i>For Up To 250, Add</i>	0.77	
			<i>For >250 To 500, Add</i>	0.51	

33 05 39 Concrete Pipe (33 05)**33 05 39 13 Prestressed Concrete Pressure Pipe, Steel-Cylinder Type (AWWA C301)** (33 05)

³⁹⁾
See CSI section 33 42 11 00-0080 for prestressed concrete pressure pipe.

33 05 39 41 Reinforced Concrete Pipe for Sewers and Culverts (33 05 39)

See CSI section 33 42 11 00-0001 for reinforced concrete pipe.

33 05 39 46 Reinforced Concrete Elliptical Pipe for Sewers and Culverts (33 05 39)

See CSI section 33 42 11 00-0019 for reinforced concrete elliptical pipe.

33 05 41 Vitrified Clay Utility Pipe (33 05)

See CSI section 33 42 11 00-0319 for vitrified clay piping.

33 05 61 Concrete Manholes (33 05)**33 05 61 00-0001 Manholes** (33 05 61)**33 05 61 00-0002 Precast Concrete Manholes** (33 05 61 00-0001)

Note: Includes base, riser(s), reducer and openings. Excludes excavation, aggregate, backfill and frame/cover.

See CSI section 33 05 84 00-0002 for top slabs.

33 05 61 00-0003 3' Diameter, Precast Concrete Manholes (33 05 61 00-0002)

33 05 61 00-0004	EA	4' Deep, 3' Diameter, Precast Concrete Manhole.....	1,644.79	281.27
		<i>For Bitumastic Coating, Add</i>	77.82	
		<i>For Epoxy Coating, Add</i>	148.72	
33 05 61 00-0005	EA	6' Deep, 3' Diameter, Precast Concrete Manhole.....	2,238.41	404.01
		<i>For Bitumastic Coating, Add</i>	116.74	
		<i>For Epoxy Coating, Add</i>	223.07	
33 05 61 00-0006	EA	8' Deep, 3' Diameter, Precast Concrete Manhole.....	3,005.92	613.69
		<i>For Bitumastic Coating, Add</i>	155.65	
		<i>For Epoxy Coating, Add</i>	297.43	
33 05 61 00-0007	VLF	Riser For 3' Diameter, Precast Concrete Manhole.....	317.27	71.59
		Note: For depths greater than 8'.		
		<i>For Bitumastic Coating, Add</i>	19.46	
		<i>For Epoxy Coating, Add</i>	37.18	
33 05 61 00-0008	VLF	Drop Collar For 3' Diameter, Precast Concrete Manhole.....	342.80	71.59
33 05 61 00-0009	EA	Drop Base For 3' Diameter, Precast Concrete Manhole.....	555.31	71.59
33 05 61 00-0010	EA	Extended Base Slab For 3' Diameter, Precast Concrete Manhole.....	441.19	71.59
33 05 61 00-0011	EA	Precast Channel For 3' Diameter, Precast Concrete Manhole.....	635.57	71.59

33 05 61 00-0012 4' Diameter, Precast Concrete Manholes (33 05 61 00-0002)

33 05 61 00-0013	EA	4' Deep, 4' Diameter, Precast Concrete Manhole.....	2,470.18	322.19
		<i>For Bitumastic Coating, Add</i>	77.82	
		<i>For Epoxy Coating, Add</i>	148.72	
33 05 61 00-0014	EA	6' Deep, 4' Diameter, Precast Concrete Manhole.....	3,294.01	439.80
		<i>For Bitumastic Coating, Add</i>	116.74	
		<i>For Epoxy Coating, Add</i>	223.07	
33 05 61 00-0015	EA	8' Deep, 4' Diameter, Precast Concrete Manhole.....	4,323.23	664.83
		<i>For Bitumastic Coating, Add</i>	155.65	
		<i>For Epoxy Coating, Add</i>	297.43	
33 05 61 00-0016	VLF	Riser For 4' Diameter, Precast Concrete Manhole.....	459.21	84.39
		Note: For depths greater than 8'.		
		<i>For Bitumastic Coating, Add</i>	19.46	
		<i>For Epoxy Coating, Add</i>	37.18	
33 05 61 00-0017	VLF	Drop Collar For 4' Diameter, Precast Concrete Manhole.....	502.20	84.39
33 05 61 00-0018	EA	Drop Base For 4' Diameter, Precast Concrete Manhole.....	859.86	84.39
33 05 61 00-0019	EA	Extended Base Slab For 4' Diameter, Precast Concrete Manhole.....	667.79	84.39
33 05 61 00-0020	EA	Precast Channel For 4' Diameter, Precast Concrete Manhole.....	994.96	84.39

33 05 61 00-0021 5' Diameter, Precast Concrete Manholes (33 05 61 00-0002)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 61 00-0022 EA 4' Deep, 5' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	4,717.94 100.27 239.74	357.98
33 05 61 00-0023 EA 6' Deep, 5' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	6,279.49 150.41 359.62	490.95
33 05 61 00-0024 EA 8' Deep, 5' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	8,068.72 200.54 479.49	736.42
33 05 61 00-0025 VLF Riser For 5' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	833.53 25.07 59.94	92.05
33 05 61 00-0026 6' Diameter, Precast Concrete Manholes (33 05 61 00-0002)		
33 05 61 00-0027 EA 4' Deep, 6' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	6,356.44 114.80 280.68	398.89
33 05 61 00-0028 EA 6' Deep, 6' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	8,270.97 172.19 421.02	542.09
33 05 61 00-0029 EA 8' Deep, 6' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	10,440.40 229.59 561.36	818.25
33 05 61 00-0030 VLF Riser For 6' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	1,015.47 28.70 70.17	102.28
33 05 61 00-0031 7' Diameter, Precast Concrete Manholes (33 05 61 00-0002)		
33 05 61 00-0032 EA 4' Deep, 7' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	10,080.49 244.12 490.46	439.80
33 05 61 00-0033 EA 6' Deep, 7' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	13,025.74 366.18 735.70	599.88
33 05 61 00-0034 EA 8' Deep, 7' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	16,251.25 488.24 980.93	900.07
33 05 61 00-0035 VLF Riser For 7' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	1,537.58 61.03 122.62	112.51
33 05 61 00-0036 8' Diameter, Precast Concrete Manholes (33 05 61 00-0002)		
33 05 61 00-0037 EA 4' Deep, 8' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	14,629.52 288.60 597.83	506.29
33 05 61 00-0038 EA 6' Deep, 8' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	18,958.58 432.90 896.75	690.40
33 05 61 00-0039 EA 8' Deep, 8' Diameter, Precast Concrete Manhole..... <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	23,609.81 577.20 1,195.67	1,035.60
33 05 61 00-0040 VLF Riser For 8' Diameter, Precast Concrete Manhole Note: For depths greater than 8'. <i>For Bitumastic Coating, Add</i> <i>For Epoxy Coating, Add</i>	2,236.12 72.15 149.46	127.85
33 05 63 Concrete Vaults and Chambers (33 05)		
33 05 63 00-0001 Underground Utility Vaults And Structures (33 05 63) See CSI section 33 05 61 00-0001 for manholes, 33 05 81 00-0006 for frames and covers.		
33 05 63 00-0002 Precast Concrete Underground Utility Vault (33 05 63 00-0001) Note: Sizes given are for inside dimensions.		
33 05 63 00-0003 6' High Precast Concrete Underground Utility Vault (33 05 63 00-0002)		
33 05 63 00-0004 EA 4' x 4' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,364.51	
33 05 63 00-0005 EA 4' x 6' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,385.67	
33 05 63 00-0006 EA 5' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,235.29	
33 05 63 00-0007 EA 5' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,354.36	
33 05 63 00-0008 EA 6' x 6' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,604.65	
33 05 63 00-0009 EA 6' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,822.60	
33 05 63 00-0010 EA 6' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,041.59	

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0011	EA		6' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	11,618.54	
33 05 63 00-0012	EA		6' x 14' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	11,618.54	
33 05 63 00-0013	EA		6' x 16' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,629.59	
33 05 63 00-0014	EA		8' x 8' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,239.45	
33 05 63 00-0015	EA		8' x 10' x 6' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,655.26	
33 05 63 00-0016	EA		8' x 12' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,801.36	
33 05 63 00-0017	EA		8' x 14' x 6' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,533.36	
33 05 63 00-0018			7' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0019	EA		4' x 4' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	3,435.90	
33 05 63 00-0020	EA		4' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,461.38	
33 05 63 00-0021	EA		4' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,914.94	
33 05 63 00-0022	EA		5' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,870.50	
33 05 63 00-0023	EA		5' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,074.90	
33 05 63 00-0024	EA		6' x 6' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,670.39	
33 05 63 00-0025	EA		6' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,416.15	
33 05 63 00-0026	EA		6' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,088.42	
33 05 63 00-0027	EA		6' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	12,634.81	
33 05 63 00-0028	EA		6' x 16' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,871.81	
33 05 63 00-0029	EA		8' x 8' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,917.30	
33 05 63 00-0030	EA		8' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	10,417.48	
33 05 63 00-0031	EA		8' x 12' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	14,931.22	
33 05 63 00-0032	EA		8' x 14' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,774.55	
33 05 63 00-0033	EA		10' x 10' x 7' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	15,156.41	
33 05 63 00-0034			8' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0035	EA		4' x 4' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	4,042.37	
33 05 63 00-0036	EA		4' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	5,233.25	
33 05 63 00-0037	EA		5' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,505.67	
33 05 63 00-0038	EA		5' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,794.43	
33 05 63 00-0039	EA		6' x 6' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	6,620.94	
33 05 63 00-0040	EA		6' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,008.63	
33 05 63 00-0041	EA		6' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,396.35	
33 05 63 00-0042	EA		6' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	13,651.07	
33 05 63 00-0043	EA		6' x 16' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	17,114.10	
33 05 63 00-0044	EA		8' x 8' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,594.14	
33 05 63 00-0045	EA		8' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	11,179.68	
33 05 63 00-0046	EA		8' x 12' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,059.95	
33 05 63 00-0047	EA		8' x 14' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	18,016.84	
33 05 63 00-0048	EA		10' x 10' x 8' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	16,285.91	
33 05 63 00-0049			10' High Precast Concrete Underground Utility Vault <small>(33 05 63 00-0002)</small>		
33 05 63 00-0050	EA		6' x 6' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,129.10	
33 05 63 00-0051	EA		6' x 8' x 10' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	8,601.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0052 EA 10' x 10' x 10' Precast Concrete Underground Utility Vault..... Note: 8" thick walls and top.	17,414.60	
33 05 63 00-0053 12' High Precast Concrete Underground Utility Vault (33 05 63 00-0002)		
33 05 63 00-0054 EA 6' x 6' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	7,637.24	
33 05 63 00-0055 EA 6' x 8' x 12' Precast Concrete Underground Utility Vault..... Note: 6" thick walls and 8" thick top.	9,194.66	
33 05 63 00-0056 Meter Pit (33 05 63 00-0001)		
33 05 63 00-0057 Precast Concrete Meter Pit (33 05 63 00-0056)		
33 05 63 00-0058 EA 4' x 4' x 4' Deep Precast Concrete Meter Pit.....	3,324.99	
33 05 63 00-0059 EA 4' x 4' x 6' Deep Precast Concrete Meter Pit.....	4,517.32	
33 05 63 00-0060 EA 4' x 4' x 8' Deep Precast Concrete Meter Pit.....	5,684.24	
33 05 63 00-0061 EA 4' x 4' x 10' Deep Precast Concrete Meter Pit.....	7,050.00	
33 05 63 00-0062 EA 4' x 4' x 15' Deep Precast Concrete Meter Pit.....	9,769.12	
33 05 63 00-0063 EA 6' x 6' x 4' Deep Precast Concrete Meter Pit.....	5,050.15	
33 05 63 00-0064 EA 6' x 6' x 6' Deep Precast Concrete Meter Pit.....	7,050.00	
33 05 63 00-0065 EA 6' x 6' x 8' Deep Precast Concrete Meter Pit.....	9,095.62	
33 05 63 00-0066 EA 6' x 6' x 10' Deep Precast Concrete Meter Pit.....	11,346.61	
33 05 63 00-0067 EA 6' x 6' x 15' Deep Precast Concrete Meter Pit.....	16,189.93	
33 05 63 00-0068 Handhole Or Pull Box Enclosures (33 05 63 00-0001)		
33 05 63 00-0069 Polymer Concrete Handhole Enclosures (33 05 63 00-0068)		
33 05 63 00-0070 Polymer Concrete Handhole Enclosures (33 05 63 00-0069) Note: Excludes cover See CSI section 33 05 63 00-0290 for covers.		
33 05 63 00-0071 Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0070)		
33 05 63 00-0072 Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0071)		
33 05 63 00-0073 EA 12" x 12", 24" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	541.54	22.19
33 05 63 00-0074 EA 10" x 15", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	422.30	49.28
33 05 63 00-0075 EA 13" x 24", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	646.72	73.92
33 05 63 00-0076 EA 17" x 30", 18" Depth, 15,000 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	769.79	73.92
33 05 63 00-0077 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	729.12	73.92
33 05 63 00-0078 EA 13" x 24", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	906.61	73.92
33 05 63 00-0079 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	879.82	73.92
33 05 63 00-0080 EA 17" x 30", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,239.20	73.92
33 05 63 00-0081 EA 27" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,769.76	98.56
33 05 63 00-0082 EA 27" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,543.18	98.56
33 05 63 00-0083 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,537.50	135.51
33 05 63 00-0084 EA 24" x 36", 26" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,779.70	135.51
33 05 63 00-0085 EA 24" x 36", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,039.69	135.51
33 05 63 00-0086 EA 39" Round, 18" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,637.16	147.83
33 05 63 00-0087 EA 39" Round, 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,430.53	147.83
33 05 63 00-0088 EA 39" Round, 36" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,079.32	147.83
33 05 63 00-0089 EA 39" Round, 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	4,613.83	147.83
33 05 63 00-0090 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	2,356.61	234.79
33 05 63 00-0091 EA 30" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	3,550.69	234.79
33 05 63 00-0092 Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0071)		
33 05 63 00-0093 EA 12" x 12", 24" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	702.30	22.19
33 05 63 00-0094 EA 13" x 24", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	838.20	73.92
33 05 63 00-0095 EA 17" x 30", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure.....	1,036.28	73.92

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0096	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	947.61	73.92
33 05 63 00-0097	EA	13" x 24", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,099.31	73.92
33 05 63 00-0098	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,139.09	73.92
33 05 63 00-0099	EA	17" x 30", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,500.70	73.92
33 05 63 00-0100	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	1,944.66	135.51
33 05 63 00-0101	EA	24" x 36", 26" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,186.86	135.51
33 05 63 00-0102	EA	24" x 36", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	3,446.88	135.51
33 05 63 00-0103	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	2,832.41	234.79
33 05 63 00-0104	EA	30" x 48", 48" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	4,035.56	234.79
33 05 63 00-0105 Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0070)				
33 05 63 00-0106 Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures (33 05 63 00-0105)				
33 05 63 00-0107	EA	5" x 16", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	909.19	22.19
33 05 63 00-0108	EA	10" x 12", 15" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	763.68	22.19
33 05 63 00-0109	EA	13" x 24", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	539.34	73.92
33 05 63 00-0110	EA	17" x 30", 12" Depth, 5,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	625.20	73.92
33 05 63 00-0111	EA	6" x 8", 6" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	188.92	22.19
33 05 63 00-0112	EA	12" x 12", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	310.59	22.19
33 05 63 00-0113	EA	8" x 18", 7" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	521.78	22.19
33 05 63 00-0114	EA	8" x 18", 8" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	547.34	22.19
33 05 63 00-0115	EA	11" x 18", 12" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	413.38	49.28
33 05 63 00-0116	EA	11" x 18", 18" Depth, 15,000 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	452.58	49.28
33 05 63 00-0117	EA	8" x 8", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	305.37	22.19
33 05 63 00-0118	EA	8" x 8", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	353.25	22.19
33 05 63 00-0119	EA	11" x 18", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	448.51	49.28
33 05 63 00-0120	EA	11" x 18", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	514.42	49.28
33 05 63 00-0121	EA	11" x 20", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	471.76	49.28
33 05 63 00-0122	EA	13" x 24", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	543.34	73.92
33 05 63 00-0123	EA	13" x 24", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	607.98	73.92
33 05 63 00-0124	EA	17" x 30", 12" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	656.06	73.92
33 05 63 00-0125	EA	17" x 30", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	728.47	73.92
33 05 63 00-0126	EA	17" x 30", 22" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	872.86	73.92
33 05 63 00-0127	EA	17" x 30", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	960.45	73.92
33 05 63 00-0128	EA	17" x 30", 28" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,056.30	73.92
33 05 63 00-0129	EA	17" x 30", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,116.57	73.92
33 05 63 00-0130	EA	24" x 24", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,315.44	98.56
33 05 63 00-0131	EA	24" x 36", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,275.12	135.51
33 05 63 00-0132	EA	24" x 36", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,694.88	135.51
33 05 63 00-0133	EA	24" x 36", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,082.48	135.51
33 05 63 00-0134	EA	24" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,327.26	135.51
33 05 63 00-0135	EA	24" x 36", 42" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,570.73	135.51
33 05 63 00-0136	EA	36" x 36", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,822.46	234.79
33 05 63 00-0137	EA	30" x 48", 18" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,964.37	234.79
33 05 63 00-0138	EA	30" x 48", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,275.25	234.79
33 05 63 00-0139	EA	30" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,869.73	234.79
33 05 63 00-0140	EA	30" x 60", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,863.62	234.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0141 EA 30" x 60", 30" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,085.53	234.79
33 05 63 00-0142 EA 30" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,512.29	234.79
33 05 63 00-0143 EA 36" x 60", 19" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,180.13	251.56
33 05 63 00-0144 EA 36" x 60", 24" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,481.44	251.56
33 05 63 00-0145 EA 36" x 60", 31" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,866.11	251.56
33 05 63 00-0146 EA 36" x 60", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,020.04	251.56
33 05 63 00-0147 EA 48" x 48", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,073.54	251.56
33 05 63 00-0148 EA 48" x 48", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,659.68	251.56
33 05 63 00-0149 EA 36" x 72", 21" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,521.37	251.56
33 05 63 00-0150 EA 36" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,756.41	251.56
33 05 63 00-0151 EA 48" x 72", 36" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,374.73	268.32
33 05 63 00-0152 EA 48" x 72", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,718.50	268.32
33 05 63 00-0153 EA 48" x 96", 48" Depth, 22,500 LB Design Load, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,721.12	268.32
 33 05 63 00-0154 Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 63 00-0105)</small>		
33 05 63 00-0155 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	762.25	73.92
33 05 63 00-0156 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	889.62	73.92
33 05 63 00-0157 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	341.57	22.19
33 05 63 00-0158 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	507.87	22.19
33 05 63 00-0159 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	691.69	22.19
33 05 63 00-0160 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	717.29	22.19
33 05 63 00-0161 EA 10" x 15", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Flared Sides, Polymer Concrete Handhole Enclosure	580.76	49.28
33 05 63 00-0162 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	608.05	49.28
33 05 63 00-0163 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	644.52	49.28
33 05 63 00-0164 EA 8" x 8", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	471.82	22.19
33 05 63 00-0165 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	563.37	22.19
33 05 63 00-0166 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	643.63	49.28
33 05 63 00-0167 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	709.55	49.28
33 05 63 00-0168 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	668.96	49.28
33 05 63 00-0169 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	761.02	73.92
33 05 63 00-0170 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	826.47	73.92
33 05 63 00-0171 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	915.83	73.92
33 05 63 00-0172 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	987.78	73.92
33 05 63 00-0173 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,131.75	73.92
33 05 63 00-0174 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,219.72	73.92
33 05 63 00-0175 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,315.15	73.92
33 05 63 00-0176 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,375.83	73.92
33 05 63 00-0177 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,673.60	98.56
33 05 63 00-0178 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,682.31	135.51
33 05 63 00-0179 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,101.58	135.51
33 05 63 00-0180 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,488.75	135.51
33 05 63 00-0181 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,733.15	135.51

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0182	EA		24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,977.42	135.51
33 05 63 00-0183	EA		30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,435.67	234.79
33 05 63 00-0184	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,747.02	234.79
33 05 63 00-0185	EA		30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Open Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,341.04	234.79
33 05 63 00-0186 Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 63 00-0105)</small>					
33 05 63 00-0187	EA		13" x 24", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	691.07	73.92
33 05 63 00-0188	EA		17" x 30", 12" Depth, 5,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	821.98	73.92
33 05 63 00-0189	EA		6" x 8", 6" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	244.26	22.19
33 05 63 00-0190	EA		12" x 12", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	422.43	22.19
33 05 63 00-0191	EA		8" x 18", 7" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	620.59	22.19
33 05 63 00-0192	EA		8" x 18", 8" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	646.65	22.19
33 05 63 00-0193	EA		11" x 18", 12" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	533.95	49.28
33 05 63 00-0194	EA		11" x 18", 18" Depth, 15,000 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	609.81	49.28
33 05 63 00-0195	EA		8" x 8", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	365.71	22.19
33 05 63 00-0196	EA		11" x 18", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	571.23	49.28
33 05 63 00-0197	EA		11" x 18", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	665.73	49.28
33 05 63 00-0198	EA		11" x 20", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	595.79	49.28
33 05 63 00-0199	EA		13" x 24", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	750.99	73.92
33 05 63 00-0200	EA		13" x 24", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	880.20	73.92
33 05 63 00-0201	EA		17" x 30", 12" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	923.17	73.92
33 05 63 00-0202	EA		17" x 30", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,025.48	73.92
33 05 63 00-0203	EA		17" x 30", 22" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,119.60	73.92
33 05 63 00-0204	EA		17" x 30", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,208.46	73.92
33 05 63 00-0205	EA		17" x 30", 28" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,367.57	73.92
33 05 63 00-0206	EA		17" x 30", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,389.75	73.92
33 05 63 00-0207	EA		24" x 24", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,701.35	98.56
33 05 63 00-0208	EA		24" x 36", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,718.29	135.51
33 05 63 00-0209	EA		24" x 36", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,181.33	135.51
33 05 63 00-0210	EA		24" x 36", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,639.25	135.51
33 05 63 00-0211	EA		24" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,943.41	135.51
33 05 63 00-0212	EA		24" x 36", 42" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,247.57	135.51
33 05 63 00-0213	EA		36" x 36", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,389.15	234.79
33 05 63 00-0214	EA		30" x 48", 18" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,531.10	234.79
33 05 63 00-0215	EA		30" x 48", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,866.23	234.79
33 05 63 00-0216	EA		30" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,460.29	234.79
33 05 63 00-0217	EA		30" x 60", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,722.33	234.79
33 05 63 00-0218	EA		30" x 60", 30" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,804.38	234.79
33 05 63 00-0219	EA		30" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,600.40	234.79
33 05 63 00-0220	EA		36" x 60", 19" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,221.81	251.56
33 05 63 00-0221	EA		36" x 60", 24" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,377.50	251.56
33 05 63 00-0222	EA		36" x 60", 31" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,819.14	251.56
33 05 63 00-0223	EA		36" x 60", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,153.39	251.56
33 05 63 00-0224	EA		36" x 72", 21" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	4,706.60	251.56
33 05 63 00-0225	EA		36" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,902.02	251.56
33 05 63 00-0226	EA		48" x 48", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,078.79	251.56

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0227 EA 48" x 48", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	5,615.16	251.56
33 05 63 00-0228 EA 48" x 72", 36" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	6,850.09	268.32
33 05 63 00-0229 EA 48" x 72", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	8,194.40	268.32
33 05 63 00-0230 EA 48" x 96", 48" Depth, 22,500 LB Design Load, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	11,177.64	268.32
33 05 63 00-0231 Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 63 00-0105)</small>		
33 05 63 00-0232 EA 13" x 24", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	913.95	73.92
33 05 63 00-0233 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,086.89	73.92
33 05 63 00-0234 EA 6" x 8", 6" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	395.68	22.19
33 05 63 00-0235 EA 12" x 12", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	619.33	22.19
33 05 63 00-0236 EA 8" x 18", 7" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	790.16	22.19
33 05 63 00-0237 EA 8" x 18", 8" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	816.56	22.19
33 05 63 00-0238 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	729.07	49.28
33 05 63 00-0239 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	804.48	49.28
33 05 63 00-0240 EA 8" x 8", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	582.08	22.19
33 05 63 00-0241 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	765.47	49.28
33 05 63 00-0242 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	859.97	49.28
33 05 63 00-0243 EA 11" x 20", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	737.30	49.28
33 05 63 00-0244 EA 13" x 24", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	969.56	73.92
33 05 63 00-0245 EA 13" x 24", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,098.77	73.92
33 05 63 00-0246 EA 17" x 30", 12" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,182.44	73.92
33 05 63 00-0247 EA 17" x 30", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,284.79	73.92
33 05 63 00-0248 EA 17" x 30", 22" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,378.87	73.92
33 05 63 00-0249 EA 17" x 30", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,467.77	73.92
33 05 63 00-0250 EA 17" x 30", 28" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,626.92	73.92
33 05 63 00-0251 EA 17" x 30", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	1,649.01	73.92
33 05 63 00-0252 EA 24" x 24", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,059.04	98.56
33 05 63 00-0253 EA 24" x 36", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,125.44	135.51
33 05 63 00-0254 EA 24" x 36", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	2,588.06	135.51
33 05 63 00-0255 EA 24" x 36", 30" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,045.49	135.51
33 05 63 00-0256 EA 24" x 36", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,349.88	135.51
33 05 63 00-0257 EA 24" x 36", 42" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,654.27	135.51
33 05 63 00-0258 EA 30" x 48", 18" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,002.83	234.79
33 05 63 00-0259 EA 30" x 48", 24" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,338.42	234.79
33 05 63 00-0260 EA 30" x 48", 36" Depth, 22,500 LB Design Load, Gasketed, Solid Bottom, Straight Sides, Polymer Concrete Handhole Enclosure	3,932.06	234.79
33 05 63 00-0261 Footed, Straight Sides, Polymer Concrete Handhole Enclosures <small>(33 05 63 00-0105)</small>		
33 05 63 00-0262 EA 17" x 30", 12" Depth, 5,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	745.42	73.92
33 05 63 00-0263 EA 11" x 18", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	504.43	49.28
33 05 63 00-0264 EA 11" x 18", 18" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	577.30	49.28
33 05 63 00-0265 EA 13" x 24", 12" Depth, 15,000 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	650.84	73.92
33 05 63 00-0266 EA 11" x 18", 12" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	528.30	49.28
33 05 63 00-0267 EA 11" x 18", 18" Depth, 22,500 LB Design Load, Footed, Straight Sides, Polymer Concrete Handhole Enclosure	598.09	49.28
33 05 63 00-0268 Polymer Concrete Handhole Enclosure Extensions <small>(33 05 63 00-0069)</small>		
Note: Excludes bases See CSI section 33 05 63 00-0070 for bases.		

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0269	EA		13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	515.17	73.92
33 05 63 00-0270	EA		17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	591.11	73.92
33 05 63 00-0271	EA		24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	658.16	98.56
33 05 63 00-0272	EA		24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	732.72	98.56
33 05 63 00-0273	EA		24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	840.33	135.51
33 05 63 00-0274	EA		36" x 36", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,522.08	234.79
33 05 63 00-0275	EA		30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,440.57	234.79
33 05 63 00-0276	EA		30" x 48", 11" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	1,458.36	234.79
33 05 63 00-0277	EA		36" x 60", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	2,053.89	251.56
33 05 63 00-0278	EA		48" x 72", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	3,434.14	268.32
33 05 63 00-0279	EA		48" x 96", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Extension.....	4,618.26	268.32
33 05 63 00-0280	EA		13" x 24", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	913.64	73.92
33 05 63 00-0281	EA		17" x 30", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	960.03	73.92
33 05 63 00-0282	EA		24" x 24", 6" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	998.06	98.56
33 05 63 00-0283	EA		24" x 24", 12" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	1,073.43	98.56
33 05 63 00-0284	EA		24" x 36", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	1,213.12	135.51
33 05 63 00-0285	EA		30" x 48", 8" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Solid Base Extension.....	1,967.40	234.79
33 05 63 00-0286	EA		13" x 24", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	686.85	73.92
33 05 63 00-0287	EA		17" x 30", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	778.36	73.92
33 05 63 00-0288	EA		24" x 36", 4" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	971.61	135.51
33 05 63 00-0289	EA		36" x 60", 3" Extension, 22,500 LB Design Load, Straight Sides, Polymer Concrete Handhole Enclosure Grade Adjustable Extension.....	1,966.61	251.56

33 05 63 00-0290 Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0069)**33 05 63 00-0291 Polymer Concrete Handhole Enclosure Covers (33 05 63 00-0290)**

33 05 63 00-0292	EA		5" x 16", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	207.99	9.87
33 05 63 00-0293	EA		10" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	210.91	9.87
33 05 63 00-0294	EA		12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	194.19	9.87
33 05 63 00-0295	EA		8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	211.49	9.87
33 05 63 00-0296	EA		11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	213.71	9.86
33 05 63 00-0297	EA		13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	247.76	9.86
33 05 63 00-0298	EA		17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	289.88	9.86
33 05 63 00-0299	EA		30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,967.38	30.19
33 05 63 00-0300	EA		30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,716.22	30.19
33 05 63 00-0301	EA		36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,591.03	30.19
33 05 63 00-0302	EA		48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,620.86	30.19
33 05 63 00-0303	EA		36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	2,974.82	30.19
33 05 63 00-0304	EA		48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	3,245.20	30.19
33 05 63 00-0305	EA		48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	5,241.40	30.19
33 05 63 00-0306	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	175.62	9.86
33 05 63 00-0307	EA		11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	259.21	9.86
33 05 63 00-0308	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	263.09	9.86
33 05 63 00-0309	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	335.54	9.86
33 05 63 00-0310	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	248.83	9.86
33 05 63 00-0311	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	400.14	9.86
33 05 63 00-0312	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover.....	310.40	9.86
33 05 63 00-0313	EA		27" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	655.45	9.86
33 05 63 00-0314	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	563.39	14.78
33 05 63 00-0315	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	712.74	14.78
33 05 63 00-0316	EA		39" Round, 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	921.85	17.25
33 05 63 00-0317	EA		36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,299.58	23.48
33 05 63 00-0318	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover.....	1,346.79	44.72
33 05 63 00-0319	EA		11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	339.88	9.86
33 05 63 00-0320	EA		13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	492.08	9.86
33 05 63 00-0321	EA		17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	562.33	9.86
33 05 63 00-0322	EA		27" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	946.66	9.86
33 05 63 00-0323	EA		24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	768.70	14.78
33 05 63 00-0324	EA		39" Round, 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,312.91	17.25
33 05 63 00-0325	EA		36" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	1,723.18	23.48
33 05 63 00-0326	EA		30" x 59", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,327.46	30.19
33 05 63 00-0327	EA		30" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,064.31	30.19
33 05 63 00-0328	EA		36" x 60", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover.....	2,901.11	30.19

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0329	EA		48" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,791.06	30.19
33 05 63 00-0330	EA		36" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,628.72	30.19
33 05 63 00-0331	EA		48" x 72", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	5,531.23	30.19
33 05 63 00-0332	EA		48" x 96", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover	8,567.81	30.19
33 05 63 00-0333	EA		11" x 18", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	452.64	9.86
33 05 63 00-0334	EA		11" x 20", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	496.61	9.86
33 05 63 00-0335	EA		13" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	659.45	9.86
33 05 63 00-0336	EA		17" x 30", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	753.96	9.86
33 05 63 00-0337	EA		27" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,315.96	9.86
33 05 63 00-0338	EA		24" x 24", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	942.73	14.78
33 05 63 00-0339	EA		24" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	1,298.54	14.78
33 05 63 00-0340	EA		39" Round, 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,023.42	17.25
33 05 63 00-0341	EA		36" x 36", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,312.86	23.48
33 05 63 00-0342	EA		30" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,402.58	44.72
33 05 63 00-0343	EA		30" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	2,780.51	30.19
33 05 63 00-0344	EA		36" x 60", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	3,899.33	30.19
33 05 63 00-0345	EA		48" x 48", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	5,473.00	30.19
33 05 63 00-0346	EA		36" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	4,879.10	30.19
33 05 63 00-0347	EA		48" x 72", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	8,114.80	30.19
33 05 63 00-0348	EA		48" x 96", 22,500 LB Design Load, Extra Heavy Duty, Polymer Concrete Handhole Enclosure Cover	12,549.38	30.19
33 05 63 00-0349 Polymer Concrete Handhole Enclosure Covers With Gaskets (33 05 63 00-0290)					
33 05 63 00-0350	EA		12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	241.46	9.87
33 05 63 00-0351	EA		8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	256.18	9.87
33 05 63 00-0352	EA		11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	260.98	9.86
33 05 63 00-0353	EA		13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	262.78	9.86
33 05 63 00-0354	EA		17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	305.95	9.86
33 05 63 00-0355	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	189.19	9.86
33 05 63 00-0356	EA		11" x 18", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	273.12	9.86
33 05 63 00-0357	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	275.81	9.86
33 05 63 00-0358	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	349.87	9.86
33 05 63 00-0359	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	264.44	9.86
33 05 63 00-0360	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover With Gasket	326.89	9.86
33 05 63 00-0361	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	415.33	9.86
33 05 63 00-0362	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	573.58	14.78
33 05 63 00-0363	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	728.38	14.78
33 05 63 00-0364	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,362.85	44.72
33 05 63 00-0365	EA		6" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	154.68	9.87
33 05 63 00-0366	EA		8" x 8", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	251.57	9.87
33 05 63 00-0367	EA		8" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	281.78	9.87
33 05 63 00-0368	EA		12" x 12", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	268.37	9.87
33 05 63 00-0369	EA		10" x 15", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	218.05	9.86
33 05 63 00-0370	EA		11" x 18", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	353.76	9.86
33 05 63 00-0371	EA		11" x 20", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	385.12	9.86
33 05 63 00-0372	EA		13" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	506.83	9.86
33 05 63 00-0373	EA		17" x 30", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	578.36	9.86
33 05 63 00-0374	EA		24" x 24", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	783.04	14.78
33 05 63 00-0375	EA		24" x 36", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	984.16	14.78
33 05 63 00-0376	EA		30" x 48", 15,000 LB Design Load, Heavy Duty, Polymer Concrete Handhole Enclosure Cover With Gasket	1,807.25	44.72
33 05 63 00-0377 Polymer Concrete Handhole Enclosure Covers Without Bolts (33 05 63 00-0290)					
33 05 63 00-0378	EA		6" x 9", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	121.36	9.87
33 05 63 00-0379	EA		7" x 13", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	147.52	9.87
33 05 63 00-0380	EA		12" x 12", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	182.41	9.87
33 05 63 00-0381	EA		8" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	198.11	9.87
33 05 63 00-0382	EA		11" x 18", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	197.68	9.86
33 05 63 00-0383	EA		13" x 24", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	237.65	9.86
33 05 63 00-0384	EA		17" x 30", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	276.93	9.86
33 05 63 00-0385	EA		24" x 36", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	687.15	14.78
33 05 63 00-0386	EA		30" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,288.29	44.72
33 05 63 00-0387	EA		30" x 59", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,945.44	30.19
33 05 63 00-0388	EA		30" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,691.43	30.19
33 05 63 00-0389	EA		48" x 48", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,550.25	30.19
33 05 63 00-0390	EA		36" x 60", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,459.44	30.19
33 05 63 00-0391	EA		36" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	2,951.15	30.19
33 05 63 00-0392	EA		48" x 72", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	3,157.73	30.19
33 05 63 00-0393	EA		48" x 96", 5,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	5,073.30	30.19
33 05 63 00-0394	EA		10" x 15", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	168.20	9.86
33 05 63 00-0395	EA		10" x 16", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	163.86	9.86
33 05 63 00-0396	EA		11" x 20", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	249.83	9.86
33 05 63 00-0397	EA		11" x 21", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	276.16	9.86
33 05 63 00-0398	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	314.75	9.86
33 05 63 00-0399	EA		13" x 24", 8,000 LB Design Load, Standard Duty, Service Box, Polymer Concrete Handhole Enclosure Cover Without Bolts	235.38	9.86
33 05 63 00-0400	EA		18" x 19", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	264.44	9.86
33 05 63 00-0401	EA		17" x 30", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	381.93	9.86
33 05 63 00-0402	EA		24" x 24", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	551.59	14.78
33 05 63 00-0403	EA		20" x 42", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	695.26	14.78

33 Utilities**33 05 Common Work Results for Utilities****33 05 63 Concrete Vaults and Chambers**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 63 00-0404	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	686.72	14.78
33 05 63 00-0405	EA		36" x 36", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,246.23	23.48
33 05 63 00-0406	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Polymer Concrete Handhole Enclosure Cover Without Bolts	1,288.29	26.84
33 05 63 00-0407			Overlapping, Polymer Concrete Handhole Enclosure Covers <small>(33 05 63 00-0290)</small>		
33 05 63 00-0408	EA		30" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,027.26	30.19
33 05 63 00-0409	EA		36" x 60", 5,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,954.18	30.19
33 05 63 00-0410	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	1,698.83	44.72
33 05 63 00-0411	EA		30" x 48", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,264.68	44.72
33 05 63 00-0412	EA		30" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	2,416.47	30.19
33 05 63 00-0413	EA		36" x 60", 15,000 LB Design Load, Heavy Duty, Overlapping, Polymer Concrete Handhole Enclosure Cover	3,308.57	30.19
33 05 63 00-0414			Split, Polymer Concrete Handhole Enclosure Covers <small>(33 05 63 00-0290)</small>		
33 05 63 00-0415	EA		24" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	783.31	14.78
33 05 63 00-0416	EA		36" x 36", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,466.53	23.48
33 05 63 00-0417	EA		30" x 48", 8,000 LB Design Load, Standard Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,530.23	44.72
33 05 63 00-0418	EA		6" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	114.10	9.87
33 05 63 00-0419	EA		8" x 8", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	199.50	9.87
33 05 63 00-0420	EA		12" x 12", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	221.10	9.87
33 05 63 00-0421	EA		8" x 18", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	235.39	9.87
33 05 63 00-0422	EA		10" x 15", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	204.60	9.86
33 05 63 00-0423	EA		11" x 20", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	372.40	9.86
33 05 63 00-0424	EA		24" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,057.64	14.78
33 05 63 00-0425	EA		36" x 36", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	1,961.27	23.48
33 05 63 00-0426	EA		30" x 48", 15,000 LB Design Load, Heavy Duty, Split, Polymer Concrete Handhole Enclosure Cover	2,052.26	44.72
33 05 63 00-0427			Precast Concrete Handholes With Steel Cover <small>(33 05 63 00-0068)</small>		
			Note: 8000 To 12000 pound traffic rated top. Includes cover stamped with utility (Electrical, Sewer, Water, Etc.).		
33 05 63 00-0428	EA		12" x 12" x 12" Precast Concrete Handholes With Steel Cover	958.54	236.95
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	18.00	
33 05 63 00-0429	EA		12" x 24" x 21" Precast Concrete Handholes With Steel Cover	1,635.15	355.41
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	105.42	
33 05 63 00-0430	EA		18" x 30" x 18" Precast Concrete Handholes With Steel Cover	1,958.32	473.88
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	184.20	
33 05 63 00-0431	EA		24" x 24" x 24" Precast Concrete Handholes With Steel Cover	2,044.56	473.88
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	232.46	
33 05 63 00-0432	EA		24" x 24" x 30" Precast Concrete Handholes With Steel Cover	2,384.20	592.36
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	279.66	
33 05 63 00-0433	EA		30" x 36" x 30" Precast Concrete Handholes With Steel Cover	2,527.19	592.36
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	308.10	
33 05 63 00-0434	EA		36" x 36" x 48" Precast Concrete Handholes With Steel Cover	2,904.75	710.83
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	359.74	
33 05 63 00-0435	EA		48" x 48" x 48" Precast Concrete Handholes With Steel Cover	3,328.11	829.29
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	504.74	
33 05 63 00-0436	EA		48" x 72" x 36" Precast Concrete Handholes With Steel Cover	3,329.98	710.83
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	549.06	
33 05 63 00-0437	EA		54" x 38" x 24" Precast Concrete Handholes With Steel Cover	3,366.55	710.83
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	378.86	
33 05 63 00-0438	EA		6" Diameter Precast Concrete Handholes With Steel Cover	724.36	236.95
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	15.00	
33 05 63 00-0439	EA		9" Diameter Precast Concrete Handholes With Steel Cover	860.62	266.56
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	15.00	
33 05 63 00-0440	EA		12" Diameter Precast Concrete Handholes With Steel Cover	1,073.88	296.18
			Note: 8000 To 12000 pound traffic rated top.		
			For 15,000 to 22,500 Pound Traffic Rated Top, Add	15.00	

33 05 81 Metallic Castings for Utility Structures (33 05)**33 05 81 00-0001 Manhole Accessories** (33 05 81)**33 05 81 00-0002 Steps For Cast-In-Place Manholes** (33 05 81 00-0001)

See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.

33 05 81 00-0003	EA		Cast Iron Manhole Step For New Manholes	99.92	
33 05 81 00-0004	EA		Galvanized Steel Manhole Step For New Manholes	65.39	
33 05 81 00-0005	EA		Aluminum Manhole Step For New Manholes	93.87	

33 05 81 00-0006 Manhole Covers And Frames (33 05 81)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
Note: Includes moisture-tight masonry joints and waterproof grouting.		
33 05 81 00-0007	Regular Manhole Covers And Frames (33 05 81 00-0006)	
33 05 81 00-0008 EA 18" Square, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	2,368.81 1,472.02	87.96
33 05 81 00-0009 EA 18" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,286.66 714.51	87.96
33 05 81 00-0010 EA 24" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,487.03 826.13	102.28
33 05 81 00-0011 EA 24" Square, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	2,391.50 1,435.40	113.53
33 05 81 00-0012 EA 26" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	1,996.43 1,138.73	122.73
33 05 81 00-0013 EA 30" Diameter, Gray Iron, Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	2,083.63 1,190.06	127.85
33 05 81 00-0014	Watertight Type Manhole Covers And Frames (33 05 81 00-0006)	
33 05 81 00-0015 EA 20" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	2,611.17 1,625.48	72.62
33 05 81 00-0016 EA 22" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	2,642.58 1,630.80	72.62
33 05 81 00-0017 EA 24" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	2,686.02 1,641.56	84.89
33 05 81 00-0018 EA 26" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	3,213.47 1,990.65	95.12
33 05 81 00-0019 EA 30" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	3,740.69 2,350.01	97.17
33 05 81 00-0020 EA 32" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	3,943.30 2,488.32	99.22
33 05 81 00-0021 EA 36" Diameter, Gray Iron, Watertight Manhole Cover With Frame <i>For Ductile Iron Castings, Add</i>	4,124.56 2,611.55	102.28
33 05 81 00-0022	Aluminum Manhole Covers And Frames (33 05 81 00-0006)	
33 05 81 00-0023 EA 12" Square Aluminum Manhole Cover With Frame	1,178.52	29.28
33 05 81 00-0024 EA 18" Square Aluminum Manhole Cover With Frame	2,171.52	32.41
33 05 81 00-0025 EA 24" Square Aluminum Manhole Cover With Frame	3,122.06	37.64
33 05 81 00-0026	Removal And Reinstallation Of Manhole Cover And Frame (33 05 81 00-0006)	
Note: Includes surrounding asphalt removal and repair. Excludes saw cutting.		
33 05 81 00-0027 EA Removal And Reinstallation Of Manhole Cover And Frame	410.09	
33 05 83	Non-Metallic Accessories for Utility Structures (33 05)	
33 05 83 00-0001	Manhole Accessories (33 05 83)	
33 05 83 00-0002	Steps For Cast-In-Place Manholes (33 05 83 00-0001)	
See CSI section 33 01 30 81-0037 for installation of steps in existing manholes.		
33 05 83 00-0003 EA Polypropylene Manhole Step For New Manholes	49.60	
33 05 83 00-0004	Rainguard Inflow Protectors (33 05 83)	
33 05 83 00-0005 EA 18" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	131.05	21.04
33 05 83 00-0006 EA 22" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	154.02	21.04
33 05 83 00-0007 EA 24" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	184.09	25.25
33 05 83 00-0008 EA 26" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	198.61	25.25
33 05 83 00-0009 EA 30" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	247.79	29.46
33 05 83 00-0010 EA 32" Diameter Acrylonitrile Butadiene Styrene (ABS) Rainguard Inflow Protectors	265.61	29.46
33 05 84	Accessories for Utility Structures (33 05)	
See CSI section 22 13 19 26-0044 for oil interceptors, 22 13 23 00-0000 for sediment interceptors, 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 05 84 00-0001	Manhole Accessories (33 05 84)	
33 05 84 00-0002	Precast Concrete Manhole Tops (33 05 84 00-0001)	
33 05 84 00-0003	Precast Concrete Manhole Slab Tops (33 05 84 00-0002)	
33 05 84 00-0004 EA 3' Diameter x 8" Thick Precast Manhole Top Slab	585.39	76.71
33 05 84 00-0005 EA 4' Diameter x 8" Thick Precast Manhole Top Slab	827.41	82.85
33 05 84 00-0006 EA 5' Diameter x 8" Thick Precast Manhole Top Slab	1,128.12	88.99
33 05 84 00-0007 EA 6' Diameter x 8" Thick Precast Manhole Top Slab	1,354.82	95.12
33 05 84 00-0008	Precast Concrete Manhole Cone Tops (33 05 84 00-0002)	
33 05 84 00-0009 EA 3' Diameter x 8" Thick Precast Manhole Top Cone	940.66	95.89
33 05 84 00-0010 EA 3'-6" Diameter x 8" Thick Precast Manhole Top Cone	1,048.83	99.72
33 05 84 00-0011 EA 4' Diameter x 8" Thick Precast Manhole Top Cone	1,157.05	103.56
33 05 84 00-0012 EA 5' Diameter x 8" Thick Precast Manhole Top Cone	1,368.29	109.95
33 05 84 00-0013 EA 6' Diameter x 8" Thick Precast Manhole Top Cone	1,584.70	117.62

33 Utilities**33 05 Common Work Results for Utilities****33 05 84 Accessories for Utility Structures**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
33 05 84 00-0014	EA	7' Diameter x 8" Thick Precast Manhole Top Cone.....		2,533.20	125.30
33 05 84 00-0015	EA	8' Diameter x 10" Thick Precast Manhole Top Cone.....		3,188.43	138.08
33 05 84 00-0016		Precast Concrete Manhole Reducer Slabs <small>(33 05 84 00-0002)</small>			
33 05 84 00-0017	EA	5' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab		1,281.74	88.99
33 05 84 00-0018	EA	6' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab		1,660.66	95.12
33 05 84 00-0019	EA	7' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab		2,208.50	95.12
33 05 84 00-0020	EA	8' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab		3,524.82	95.12
33 05 84 00-0021	EA	10' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab		4,548.88	95.12
33 05 84 00-0022	EA	12' Diameter To 4' Diameter, Precast Concrete Manhole Reducer Slab		6,611.04	95.12
33 05 84 00-0023		Pipe To Manhole Connector <small>(33 05 84 00-0001)</small>			
33 05 84 00-0024		Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connectors <small>(33 05 84 00-0023)</small>			
33 05 84 00-0025	EA	4" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		125.58	
33 05 84 00-0026	EA	6" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		203.90	
33 05 84 00-0027	EA	8" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		228.92	
33 05 84 00-0028	EA	10" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		375.89	
33 05 84 00-0029	EA	12" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		537.48	
33 05 84 00-0030	EA	15" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		700.09	
33 05 84 00-0031	EA	18" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		1,330.57	
33 05 84 00-0032	EA	21" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		1,864.56	
33 05 84 00-0033	EA	24" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		3,023.80	
33 05 84 00-0034	EA	27" Ethylene Propylene Diene Monomer (EPDM) Pipe To Manhole Boot Connector.....		3,535.21	
33 05 84 00-0035		Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout			
		<small>(33 05 84 00-0023)</small>			
		Note: Ferroc CMA.			
33 05 84 00-0036	EA	4" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....		107.92	
33 05 84 00-0037	EA	6" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....		150.26	
33 05 84 00-0038	EA	8" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....		189.99	
33 05 84 00-0039	EA	10" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....		229.51	
33 05 84 00-0040	EA	12" Elastomeric Polyvinyl Chloride (PVC) Flexible Manhole Adapter And Grout.....		266.17	
33 05 84 00-0041		Brick And Grout Pipe To Manhole Connector <small>(33 05 84 00-0023)</small>			
33 05 84 00-0042	EA	Seal Gap Between Pipe And Structure With Brick And Grout.....		282.76	
33 05 84 00-0043		Inverts For Manholes <small>(33 05 84 00-0001)</small>			
33 05 84 00-0044	EA	Single Channel Concrete Invert For Manholes		419.27	
33 05 84 00-0045	EA	Double Channel Concrete Invert For Manholes.....		609.06	
33 05 84 00-0046	EA	Triple Channel Concrete Invert For Manholes		818.75	
33 05 84 00-0047	EA	Quad Channel Concrete Invert For Manholes		1,028.39	
33 05 84 00-0048	EA	Single Channel Brick Invert For Manholes.....		661.75	
33 05 84 00-0049	EA	Double Channel Brick Invert For Manholes		990.48	
33 05 84 00-0050	EA	Triple Channel Brick Invert For Manholes		1,324.81	
33 05 84 00-0051	EA	Quad Channel Brick Invert For Manholes		1,655.61	
33 05 84 00-0052		Protective Coating For New Manholes <small>(33 05 84 00-0001)</small>			
33 05 84 00-0053		Polyurethane Protective Coating For New Manholes <small>(33 05 84 00-0052)</small>			
33 05 84 00-0054	VLF	60 Mil Polyurethane Coating Of 3' Diameter Manhole Interior		197.64	
		For 80 Mil Material, Add		30.33	
		For 100 Mil Material, Add		60.66	
		For 125 Mil Material, Add		95.99	
		For 150 Mil Material, Add		131.33	
		For 200 Mil Material, Add		195.11	
		For 2 To 5 Manholes, Deduct		-13.32	
		For 6 To 10 Manholes, Deduct		-21.70	
		For >10 Manholes, Deduct		-43.41	
33 05 84 00-0055	VLF	60 Mil Polyurethane Coating Of 3-1/2' Diameter Manhole Interior		238.28	
		For 80 Mil Material, Add		35.98	
		For 100 Mil Material, Add		71.95	
		For 125 Mil Material, Add		113.77	
		For 150 Mil Material, Add		155.59	
		For 200 Mil Material, Add		230.82	
		For 2 To 5 Manholes, Deduct		-16.12	
		For 6 To 10 Manholes, Deduct		-26.28	
		For >10 Manholes, Deduct		-52.56	
33 05 84 00-0056	VLF	60 Mil Polyurethane Coating Of 4' Diameter Manhole Interior		263.52	
		For 80 Mil Material, Add		40.44	
		For 100 Mil Material, Add		80.88	
		For 125 Mil Material, Add		127.99	
		For 150 Mil Material, Add		175.10	
		For 200 Mil Material, Add		260.15	
		For 2 To 5 Manholes, Deduct		-17.76	
		For 6 To 10 Manholes, Deduct		-28.94	
		For >10 Manholes, Deduct		-57.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 05 84 00-0057 VLF 60 Mil Polyurethane Coating Of 5' Diameter Manhole Interior	329.46	
<i>For 80 Mil Material, Add</i>	50.57	
<i>For 100 Mil Material, Add</i>	101.14	
<i>For 125 Mil Material, Add</i>	160.06	
<i>For 150 Mil Material, Add</i>	218.97	
<i>For 200 Mil Material, Add</i>	325.33	
<i>For 2 To 5 Manholes, Deduct</i>	-22.21	
<i>For 6 To 10 Manholes, Deduct</i>	-36.18	
<i>For >10 Manholes, Deduct</i>	-72.35	
33 05 84 00-0058 VLF 60 Mil Polyurethane Coating Of 6' Diameter Manhole Interior	383.10	
<i>For 80 Mil Material, Add</i>	59.76	
<i>For 100 Mil Material, Add</i>	119.53	
<i>For 125 Mil Material, Add</i>	189.30	
<i>For 150 Mil Material, Add</i>	259.07	
<i>For 200 Mil Material, Add</i>	385.47	
<i>For 2 To 5 Manholes, Deduct</i>	-25.73	
<i>For 6 To 10 Manholes, Deduct</i>	-41.88	
<i>For >10 Manholes, Deduct</i>	-83.76	
33 05 84 00-0059 Polyvinyl Chloride (PVC) Liner <small>(33 05 84 00-0052)</small>		
<i>Note: For new manholes and shop applied.</i>		
33 05 84 00-0060 VLF 3' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	282.23	
33 05 84 00-0061 VLF 3-1/2' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	345.96	
33 05 84 00-0062 VLF 4' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	422.18	
33 05 84 00-0063 VLF 5' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	530.19	
33 05 84 00-0064 VLF 6' Diameter Polyvinyl Chloride (PVC) Liner For New Manhole	638.19	
33 05 84 00-0065 SF Polyvinyl Chloride (PVC) Liner At Structures	89.92	
33 05 84 00-0066 Concrete Grade Extensions/Grade Rings <small>(33 05 84 00-0001)</small>		
33 05 84 00-0067 18" Diameter, Concrete Grade Extensions/Grade Rings <small>(33 05 84 00-0066)</small>		
33 05 84 00-0068 EA 4" Rise, 18" Diameter, Concrete Grade Extensions/Grade Rings	88.15	
33 05 84 00-0069 EA 6" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	96.58	
33 05 84 00-0070 EA 8" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	105.00	
33 05 84 00-0071 EA 10" Rise, 18" Diameter, Concrete Grade Extensions/Grade Ring	113.43	
33 05 84 00-0072 24" Diameter, Concrete Grade Extensions/Grade Rings <small>(33 05 84 00-0066)</small>		
33 05 84 00-0073 EA 4" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	99.01	
33 05 84 00-0074 EA 6" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	108.58	
33 05 84 00-0075 EA 8" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	118.16	
33 05 84 00-0076 EA 10" Rise, 24" Diameter, Concrete Grade Extensions/Grade Ring	127.73	
33 05 84 00-0077 30" Diameter, Concrete Grade Extensions/Grade Rings <small>(33 05 84 00-0066)</small>		
33 05 84 00-0078 EA 4" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	109.64	
33 05 84 00-0079 EA 6" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	120.31	
33 05 84 00-0080 EA 8" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	130.99	
33 05 84 00-0081 EA 10" Rise, 30" Diameter, Concrete Grade Extensions/Grade Ring	141.66	
33 05 84 00-0082 Bentonite Collar <small>(33 05 84 00-0001)</small>		
33 05 84 00-0083 Bentonite Collar At Manhole Connections <small>(33 05 84 00-0082)</small>		
33 05 84 00-0084 EA Up To 12" Pipe, Bentonite Collar At Manhole Connection	140.31	
33 05 84 00-0085 EA >12" To 21", Bentonite Collar At Manhole Connection	222.14	
33 05 84 00-0086 EA >21" To 30" Pipe, Bentonite Collar At Manhole Connection	350.66	
33 05 84 00-0087 EA >30" To 36" Pipe, Bentonite Collar At Manhole Connection	818.09	
33 05 84 00-0088 EA >36" To 48" Pipe, Bentonite Collar At Manhole Connection	1,286.23	
33 05 84 00-0089 EA >48" To 60" Pipe, Bentonite Collar At Manhole Connection	2,338.79	
33 05 84 00-0090 Waste Water Collection System Taps <small>(33 05 84)</small>		
<i>Note: For tapping existing structures only. Includes grout.</i>		
33 05 84 00-0091 Brick Manhole Taps <small>(33 05 84 00-0090)</small>		
33 05 84 00-0092 EA 4" Tap In 6" Brick Manhole	532.39	
33 05 84 00-0093 EA 6" Tap In 6" Brick Manhole	594.14	
33 05 84 00-0094 EA 8" Tap In 6" Brick Manhole	654.77	
33 05 84 00-0095 EA 10" Tap In 6" Brick Manhole	715.29	
33 05 84 00-0096 EA 12" Tap In 6" Brick Manhole	790.35	
33 05 84 00-0097 EA 15" Tap In 6" Brick Manhole	850.73	
33 05 84 00-0098 Precast Concrete Manhole Tap <small>(33 05 84 00-0090)</small>		
33 05 84 00-0099 EA 4" Tap In Existing Precast Concrete Manhole	773.96	
33 05 84 00-0100 EA 6" Tap In Existing Precast Concrete Manhole	866.57	
33 05 84 00-0101 EA 8" Tap In Existing Precast Concrete Manhole	969.73	
33 05 84 00-0102 EA 10" Tap In Existing Precast Concrete Manhole	1,060.50	
33 05 84 00-0103 EA 12" Tap In Existing Precast Concrete Manhole	1,151.09	
33 05 84 00-0104 EA 15" Tap In Existing Precast Concrete Manhole	1,243.89	
33 05 84 00-0105 EA 18" Tap In Existing Precast Concrete Manhole	1,434.39	

33 Utilities**33 05 Common Work Results for Utilities****33 05 84 Accessories for Utility Structures**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 05 84 00-0106 EA 24" Tap In Existing Precast Concrete Manhole..... 1,845.63

33 05 97 Identification and Signage for Utilities (33 05)**33 05 97 23 Utility Identification Warning Tape** (33 05 97)**33 05 97 23-0001 Non-Detectable Utility Warning Tape** (33 05 97 23)

Note: Labor installation is included with pipe and excavation..

33 05 97 23-0002 CLF 3" Non-Detectable Utility Warning Tape 7.62

33 05 97 23-0003 CLF 6" Non-Detectable Utility Warning Tape 10.87

33 05 97 23-0004 Detectable Utility Warning Tape (33 05 97 23)

Note: Labor installation is included with pipe and excavation..

33 05 97 23-0005 CLF 2" Detectable Utility Warning Tape 7.78

33 05 97 23-0006 CLF 3" Detectable Utility Warning Tape 10.71

33 05 97 23-0007 CLF 6" Detectable Utility Warning Tape 17.38

33 10 Water Utilities (33)**33 11 Groundwater Sources** (33 10)**33 11 13 Potable Water Supply Wells** (33 11)**33 11 13 00-0001 Drill And Test Water Well** (33 11 13)**33 11 13 00-0002 Drill Hole** (33 11 13 00-0001)

Note: Excludes loading and hauling of spoils.

33 11 13 00-0003 Mobilization And Demobilization (33 11 13 00-0002)

33 11 13 00-0004 EA Up To 12" Diameter, Well Drilling Mobilization And Demobilization..... 1,000.93

33 11 13 00-0005 EA >12" To 24" Diameter, Well Drilling Mobilization And Demobilization 1,222.92

33 11 13 00-0006 EA >24" To 36" Diameter, Well Drilling Mobilization And Demobilization 1,834.38

33 11 13 00-0007 Drill Hole In Normal Soil, Sand, Gravel, O.B. (33 11 13 00-0002)

Note: Excludes well casing, gravel or materials.

33 11 13 00-0008 LF Up To 6" Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 23.70

For >100 To 250, Add 0.59

For >250 To 400, Add 1.19

For >400 To 600, Add 1.78

For >600 To 750, Add 2.37

For >750, Add 2.96

33 11 13 00-0009 LF 8" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 28.12

For >100 To 250, Add 0.70

For >250 To 400, Add 1.41

For >400 To 600, Add 2.11

For >600 To 750, Add 2.81

For >750, Add 3.52

33 11 13 00-0010 LF 10" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 37.60

For >100 To 250, Add 0.94

For >250 To 400, Add 1.88

For >400 To 600, Add 2.82

For >600 To 750, Add 3.76

For >750, Add 4.70

33 11 13 00-0011 LF 12" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 58.85

For >100 To 250, Add 1.47

For >250 To 400, Add 2.94

For >400 To 600, Add 4.41

For >600 To 750, Add 5.89

For >750, Add 7.36

33 11 13 00-0012 LF 14" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 84.68

For >100 To 250, Add 2.12

For >250 To 400, Add 4.23

For >400 To 600, Add 6.35

For >600 To 750, Add 8.47

For >750, Add 10.59

33 11 13 00-0013 LF 16" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 110.67

For >100 To 250, Add 2.77

For >250 To 400, Add 5.53

For >400 To 600, Add 8.30

For >600 To 750, Add 11.07

For >750, Add 13.83

33 11 13 00-0014 LF 18" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 131.46

For >100 To 250, Add 3.29

For >250 To 400, Add 6.57

For >400 To 600, Add 9.86

For >600 To 750, Add 13.15

For >750, Add 16.43

33 11 13 00-0015 LF 20" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B. 152.87

For >100 To 250, Add 3.82

For >250 To 400, Add 7.64

For >400 To 600, Add 11.47

For >600 To 750, Add 15.29

For >750, Add 19.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0016 LF 22" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	179.62	
<i>For >100 To 250, Add</i>	4.49	
<i>For >250 To 400, Add</i>	8.98	
<i>For >400 To 600, Add</i>	13.47	
<i>For >600 To 750, Add</i>	17.96	
<i>For >750, Add</i>	22.45	
33 11 13 00-0017 LF 24" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	211.72	
<i>For >100 To 250, Add</i>	5.29	
<i>For >250 To 400, Add</i>	10.59	
<i>For >400 To 600, Add</i>	15.88	
<i>For >600 To 750, Add</i>	21.17	
<i>For >750, Add</i>	26.47	
33 11 13 00-0018 LF 26" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	228.84	
<i>For >100 To 250, Add</i>	5.72	
<i>For >250 To 400, Add</i>	11.44	
<i>For >400 To 600, Add</i>	17.16	
<i>For >600 To 750, Add</i>	22.88	
<i>For >750, Add</i>	28.61	
33 11 13 00-0019 LF 28" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	251.77	
<i>For >100 To 250, Add</i>	6.29	
<i>For >250 To 400, Add</i>	12.59	
<i>For >400 To 600, Add</i>	18.88	
<i>For >600 To 750, Add</i>	25.18	
<i>For >750, Add</i>	31.47	
33 11 13 00-0020 LF 30" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	275.76	
<i>For >100 To 250, Add</i>	6.89	
<i>For >250 To 400, Add</i>	13.79	
<i>For >400 To 600, Add</i>	20.68	
<i>For >600 To 750, Add</i>	27.58	
<i>For >750, Add</i>	34.47	
33 11 13 00-0021 LF 36" Water Well Hole Drilled In Normal Soil, Sand, Gravel, O.B.	343.03	
<i>For >100 To 250, Add</i>	8.58	
<i>For >250 To 400, Add</i>	17.15	
<i>For >400 To 600, Add</i>	25.73	
<i>For >600 To 750, Add</i>	34.30	
<i>For >750, Add</i>	42.88	
33 11 13 00-0022 Drill Hole In Sedimentary Rock <small>(33 11 13 00-0002)</small>	48.30	
33 11 13 00-0023 LF 6" Water Well Hole Drilled In Sedimentary Rock	48.30	
<i>For >100 To 250, Add</i>	1.21	
<i>For >250 To 400, Add</i>	2.42	
<i>For >400 To 600, Add</i>	3.62	
<i>For >600 To 750, Add</i>	4.83	
<i>For >750, Add</i>	6.04	
33 11 13 00-0024 LF 8" Water Well Hole Drilled In Sedimentary Rock	56.26	
<i>For >100 To 250, Add</i>	1.41	
<i>For >250 To 400, Add</i>	2.81	
<i>For >400 To 600, Add</i>	4.22	
<i>For >600 To 750, Add</i>	5.63	
<i>For >750, Add</i>	7.03	
33 11 13 00-0025 LF 10" Water Well Hole Drilled In Sedimentary Rock	90.07	
<i>For >100 To 250, Add</i>	2.25	
<i>For >250 To 400, Add</i>	4.50	
<i>For >400 To 600, Add</i>	6.76	
<i>For >600 To 750, Add</i>	9.01	
<i>For >750, Add</i>	11.26	
33 11 13 00-0026 LF 12" Water Well Hole Drilled In Sedimentary Rock	117.77	
<i>For >100 To 250, Add</i>	2.94	
<i>For >250 To 400, Add</i>	5.89	
<i>For >400 To 600, Add</i>	8.83	
<i>For >600 To 750, Add</i>	11.78	
<i>For >750, Add</i>	14.72	
33 11 13 00-0027 LF 14" Water Well Hole Drilled In Sedimentary Rock	169.50	
<i>For >100 To 250, Add</i>	4.24	
<i>For >250 To 400, Add</i>	8.48	
<i>For >400 To 600, Add</i>	12.71	
<i>For >600 To 750, Add</i>	16.95	
<i>For >750, Add</i>	21.19	
33 11 13 00-0028 LF 16" Water Well Hole Drilled In Sedimentary Rock	221.23	
<i>For >100 To 250, Add</i>	5.53	
<i>For >250 To 400, Add</i>	11.06	
<i>For >400 To 600, Add</i>	16.59	
<i>For >600 To 750, Add</i>	22.12	
<i>For >750, Add</i>	27.65	
33 11 13 00-0029 LF 18" Water Well Hole Drilled In Sedimentary Rock	263.05	
<i>For >100 To 250, Add</i>	6.58	
<i>For >250 To 400, Add</i>	13.15	
<i>For >400 To 600, Add</i>	19.73	
<i>For >600 To 750, Add</i>	26.31	
<i>For >750, Add</i>	32.88	
33 11 13 00-0030 LF 20" Water Well Hole Drilled In Sedimentary Rock	305.24	
<i>For >100 To 250, Add</i>	7.63	
<i>For >250 To 400, Add</i>	15.26	
<i>For >400 To 600, Add</i>	22.89	
<i>For >600 To 750, Add</i>	30.52	
<i>For >750, Add</i>	38.16	

33 Utilities**33 10 Water Utilities****33 11 Groundwater Sources**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11	13 00-0031	LF	22" Water Well Hole Drilled In Sedimentary Rock	359.54	
			For >100 To 250, Add	8.99	
			For >250 To 400, Add	17.98	
			For >400 To 600, Add	26.97	
			For >600 To 750, Add	35.95	
			For >750, Add	44.94	
33 11	13 00-0032	LF	24" Water Well Hole Drilled In Sedimentary Rock	415.30	
			For >100 To 250, Add	10.38	
			For >250 To 400, Add	20.77	
			For >400 To 600, Add	31.15	
			For >600 To 750, Add	41.53	
			For >750, Add	51.91	
33 11	13 00-0033	LF	26" Water Well Hole Drilled In Sedimentary Rock	457.68	
			For >100 To 250, Add	11.44	
			For >250 To 400, Add	22.88	
			For >400 To 600, Add	34.33	
			For >600 To 750, Add	45.77	
			For >750, Add	57.21	
33 11	13 00-0034	LF	28" Water Well Hole Drilled In Sedimentary Rock	503.54	
			For >100 To 250, Add	12.59	
			For >250 To 400, Add	25.18	
			For >400 To 600, Add	37.77	
			For >600 To 750, Add	50.35	
			For >750, Add	62.94	
33 11	13 00-0035	LF	30" Water Well Hole Drilled In Sedimentary Rock	551.54	
			For >100 To 250, Add	13.79	
			For >250 To 400, Add	27.58	
			For >400 To 600, Add	41.37	
			For >600 To 750, Add	55.15	
			For >750, Add	68.94	
33 11	13 00-0036	LF	36" Water Well Hole Drilled In Sedimentary Rock	686.06	
			For >100 To 250, Add	17.15	
			For >250 To 400, Add	34.30	
			For >400 To 600, Add	51.45	
			For >600 To 750, Add	68.61	
			For >750, Add	85.76	
33 11	13 00-0037		Drill Hole In Crystalline Rock (33 11 13 00-0002)		
33 11	13 00-0038	LF	6" Water Well Hole Drilled In Crystalline Rock	99.36	
			For >100 To 250, Add	2.48	
			For >250 To 400, Add	4.97	
			For >400 To 600, Add	7.45	
			For >600 To 750, Add	9.94	
			For >750, Add	12.42	
33 11	13 00-0039	LF	8" Water Well Hole Drilled In Crystalline Rock	114.65	
			For >100 To 250, Add	2.87	
			For >250 To 400, Add	5.73	
			For >400 To 600, Add	8.60	
			For >600 To 750, Add	11.47	
			For >750, Add	14.33	
33 11	13 00-0040	LF	10" Water Well Hole Drilled In Crystalline Rock	131.46	
			For >100 To 250, Add	3.29	
			For >250 To 400, Add	6.57	
			For >400 To 600, Add	9.86	
			For >600 To 750, Add	13.15	
			For >750, Add	16.43	
33 11	13 00-0041	LF	12" Water Well Hole Drilled In Crystalline Rock	166.62	
			For >100 To 250, Add	4.17	
			For >250 To 400, Add	8.33	
			For >400 To 600, Add	12.50	
			For >600 To 750, Add	16.66	
			For >750, Add	20.83	
33 11	13 00-0042	LF	14" Water Well Hole Drilled In Crystalline Rock	215.54	
			For >100 To 250, Add	5.39	
			For >250 To 400, Add	10.78	
			For >400 To 600, Add	16.17	
			For >600 To 750, Add	21.55	
			For >750, Add	26.94	
33 11	13 00-0043	LF	16" Water Well Hole Drilled In Crystalline Rock	313.38	
			For >100 To 250, Add	7.83	
			For >250 To 400, Add	15.67	
			For >400 To 600, Add	23.50	
			For >600 To 750, Add	31.34	
			For >750, Add	39.17	
33 11	13 00-0044	LF	18" Water Well Hole Drilled In Crystalline Rock	372.99	
			For >100 To 250, Add	9.32	
			For >250 To 400, Add	18.65	
			For >400 To 600, Add	27.97	
			For >600 To 750, Add	37.30	
			For >750, Add	46.62	
33 11	13 00-0045	LF	20" Water Well Hole Drilled In Crystalline Rock	432.61	
			For >100 To 250, Add	10.82	
			For >250 To 400, Add	21.63	
			For >400 To 600, Add	32.45	
			For >600 To 750, Add	43.26	
			For >750, Add	54.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0046 LF 22" Water Well Hole Drilled In Crystalline Rock.....	509.05	
<i>For >100 To 250, Add</i>	12.73	
<i>For >250 To 400, Add</i>	25.45	
<i>For >400 To 600, Add</i>	38.18	
<i>For >600 To 750, Add</i>	50.91	
<i>For >750, Add</i>	63.63	
33 11 13 00-0047 LF 24" Water Well Hole Drilled In Crystalline Rock.....	588.53	
<i>For >100 To 250, Add</i>	14.71	
<i>For >250 To 400, Add</i>	29.43	
<i>For >400 To 600, Add</i>	44.14	
<i>For >600 To 750, Add</i>	58.85	
<i>For >750, Add</i>	73.57	
33 11 13 00-0048 Furnish And Install Casing <small>(33 11 13 00-0001)</small>		
Note: Excludes drilling of hole.		
33 11 13 00-0049 Steel Well Casing <small>(33 11 13 00-0048)</small>		
33 11 13 00-0050 LF 6" Diameter, Steel Well Casing, Flush.....	46.53	
<i>For >100 To 250, Deduct</i>	-1.37	
<i>For >250 To 400, Deduct</i>	-2.53	
<i>For >400 To 600, Deduct</i>	-3.80	
<i>For >600 To 750, Deduct</i>	-5.06	
<i>For >750, Deduct</i>	-6.60	
33 11 13 00-0051 LF 8" Diameter, Steel Well Casing, Flush.....	57.83	
<i>For >100 To 250, Deduct</i>	-1.70	
<i>For >250 To 400, Deduct</i>	-3.15	
<i>For >400 To 600, Deduct</i>	-4.72	
<i>For >600 To 750, Deduct</i>	-6.30	
<i>For >750, Deduct</i>	-8.20	
33 11 13 00-0052 LF 10" Diameter, Steel Well Casing, Flush.....	86.16	
<i>For >100 To 250, Deduct</i>	-2.46	
<i>For >250 To 400, Deduct</i>	-4.62	
<i>For >400 To 600, Deduct</i>	-6.92	
<i>For >600 To 750, Deduct</i>	-9.23	
<i>For >750, Deduct</i>	-11.94	
33 11 13 00-0053 LF 12" Diameter, Steel Well Casing, Flush.....	145.60	
<i>For >100 To 250, Deduct</i>	-4.01	
<i>For >250 To 400, Deduct</i>	-7.65	
<i>For >400 To 600, Deduct</i>	-11.47	
<i>For >600 To 750, Deduct</i>	-15.30	
<i>For >750, Deduct</i>	-19.60	
33 11 13 00-0054 LF 14" Diameter, Steel Well Casing, Flush.....	162.60	
<i>For >100 To 250, Deduct</i>	-4.58	
<i>For >250 To 400, Deduct</i>	-8.64	
<i>For >400 To 600, Deduct</i>	-12.96	
<i>For >600 To 750, Deduct</i>	-17.29	
<i>For >750, Deduct</i>	-22.28	
33 11 13 00-0055 LF 16" Diameter, Steel Well Casing, Flush.....	190.66	
<i>For >100 To 250, Deduct</i>	-5.40	
<i>For >250 To 400, Deduct</i>	-10.17	
<i>For >400 To 600, Deduct</i>	-15.25	
<i>For >600 To 750, Deduct</i>	-20.34	
<i>For >750, Deduct</i>	-26.25	
33 11 13 00-0056 LF 18" Diameter, Steel Well Casing, Flush.....	217.00	
<i>For >100 To 250, Deduct</i>	-6.23	
<i>For >250 To 400, Deduct</i>	-11.65	
<i>For >400 To 600, Deduct</i>	-17.48	
<i>For >600 To 750, Deduct</i>	-23.30	
<i>For >750, Deduct</i>	-30.17	
33 11 13 00-0057 LF 20" Diameter, Steel Well Casing, Flush.....	246.88	
<i>For >100 To 250, Deduct</i>	-7.16	
<i>For >250 To 400, Deduct</i>	-13.33	
<i>For >400 To 600, Deduct</i>	-19.99	
<i>For >600 To 750, Deduct</i>	-26.66	
<i>For >750, Deduct</i>	-34.60	
33 11 13 00-0058 LF 24" Diameter, Steel Well Casing, Flush.....	288.85	
<i>For >100 To 250, Deduct</i>	-8.33	
<i>For >250 To 400, Deduct</i>	-15.55	
<i>For >400 To 600, Deduct</i>	-23.33	
<i>For >600 To 750, Deduct</i>	-31.10	
<i>For >750, Deduct</i>	-40.32	
33 11 13 00-0059 LB Steel Well Casing, Furnish And Install.....	1.46	
<i>For >100 To 250, Deduct</i>	-0.05	
<i>For >250 To 400, Deduct</i>	-0.09	
<i>For >400 To 600, Deduct</i>	-0.13	
<i>For >600 To 750, Deduct</i>	-0.17	
<i>For >750, Deduct</i>	-0.24	
33 11 13 00-0060 Stainless Steel Well Casing, Flush Threaded <small>(33 11 13 00-0048)</small>		
33 11 13 00-0061 LF 6" Diameter, Stainless Steel Well Casing, Flush.....	104.75	
<i>For >100 To 250, Deduct</i>	-2.82	
<i>For >250 To 400, Deduct</i>	-5.44	
<i>For >400 To 600, Deduct</i>	-8.16	
<i>For >600 To 750, Deduct</i>	-10.89	
<i>For >750, Deduct</i>	-13.87	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11	13 00-0062	LF	8" Diameter, Stainless Steel Well Casing, Flush.....	158.07	
			<i>For >100 To 250, Deduct</i>	-4.21	
			<i>For >250 To 400, Deduct</i>	-8.16	
			<i>For >400 To 600, Deduct</i>	-12.24	
			<i>For >600 To 750, Deduct</i>	-16.32	
			<i>For >750, Deduct</i>	-20.73	
33 11	13 00-0063	LF	10" Diameter, Stainless Steel Well Casing, Flush.....	221.30	
			<i>For >100 To 250, Deduct</i>	-5.86	
			<i>For >250 To 400, Deduct</i>	-11.39	
			<i>For >400 To 600, Deduct</i>	-17.09	
			<i>For >600 To 750, Deduct</i>	-22.79	
			<i>For >750, Deduct</i>	-28.91	
33 11	13 00-0064	LF	12" Diameter, Stainless Steel Well Casing, Flush.....	257.24	
			<i>For >100 To 250, Deduct</i>	-6.82	
			<i>For >250 To 400, Deduct</i>	-13.25	
			<i>For >400 To 600, Deduct</i>	-19.88	
			<i>For >600 To 750, Deduct</i>	-26.50	
			<i>For >750, Deduct</i>	-33.64	
33 11	13 00-0065		Stainless Steel Well Casing, Welded Ring <small>(33 11 13 00-0048)</small>		
33 11	13 00-0066	LF	10" Diameter, Stainless Steel Well Casing, Welded.....	231.15	
			<i>For >100 To 250, Deduct</i>	-6.35	
			<i>For >250 To 400, Deduct</i>	-12.13	
			<i>For >400 To 600, Deduct</i>	-18.20	
			<i>For >600 To 750, Deduct</i>	-24.26	
			<i>For >750, Deduct</i>	-31.08	
33 11	13 00-0067	LF	12" Diameter, Stainless Steel Well Casing, Welded.....	267.92	
			<i>For >100 To 250, Deduct</i>	-7.36	
			<i>For >250 To 400, Deduct</i>	-14.05	
			<i>For >400 To 600, Deduct</i>	-21.08	
			<i>For >600 To 750, Deduct</i>	-28.11	
			<i>For >750, Deduct</i>	-35.99	
33 11	13 00-0068	LF	14" Diameter, Stainless Steel Well Casing, Welded.....	322.73	
			<i>For >100 To 250, Deduct</i>	-8.81	
			<i>For >250 To 400, Deduct</i>	-16.88	
			<i>For >400 To 600, Deduct</i>	-25.31	
			<i>For >600 To 750, Deduct</i>	-33.75	
			<i>For >750, Deduct</i>	-43.15	
33 11	13 00-0069	LF	16" Diameter, Stainless Steel Well Casing, Welded.....	369.61	
			<i>For >100 To 250, Deduct</i>	-10.08	
			<i>For >250 To 400, Deduct</i>	-19.32	
			<i>For >400 To 600, Deduct</i>	-28.98	
			<i>For >600 To 750, Deduct</i>	-38.65	
			<i>For >750, Deduct</i>	-49.40	
33 11	13 00-0070	LF	18" Diameter, Stainless Steel Well Casing, Welded.....	407.60	
			<i>For >100 To 250, Deduct</i>	-11.16	
			<i>For >250 To 400, Deduct</i>	-21.35	
			<i>For >400 To 600, Deduct</i>	-32.02	
			<i>For >600 To 750, Deduct</i>	-42.69	
			<i>For >750, Deduct</i>	-54.62	
33 11	13 00-0071	LF	20" Diameter, Stainless Steel Well Casing, Welded.....	535.82	
			<i>For >100 To 250, Deduct</i>	-14.55	
			<i>For >250 To 400, Deduct</i>	-27.94	
			<i>For >400 To 600, Deduct</i>	-41.91	
			<i>For >600 To 750, Deduct</i>	-55.88	
			<i>For >750, Deduct</i>	-71.35	
33 11	13 00-0072	LF	24" Diameter, Stainless Steel Well Casing, Welded.....	707.12	
			<i>For >100 To 250, Deduct</i>	-19.12	
			<i>For >250 To 400, Deduct</i>	-36.79	
			<i>For >400 To 600, Deduct</i>	-55.19	
			<i>For >600 To 750, Deduct</i>	-73.59	
			<i>For >750, Deduct</i>	-93.85	
33 11	13 00-0073		Polyvinyl Chloride (PVC) Well Casing, Schedule 80 <small>(33 11 13 00-0048)</small>		
33 11	13 00-0074	LF	6" Polyvinyl Chloride (PVC) Well Casing.....	88.15	
			<i>For >100 To 250, Deduct</i>	-2.37	
			<i>For >250 To 400, Deduct</i>	-4.57	
			<i>For >400 To 600, Deduct</i>	-6.86	
			<i>For >600 To 750, Deduct</i>	-9.14	
			<i>For >750, Deduct</i>	-11.64	
33 11	13 00-0075	LF	8" Polyvinyl Chloride (PVC) Well Casing.....	140.20	
			<i>For >100 To 250, Deduct</i>	-3.76	
			<i>For >250 To 400, Deduct</i>	-7.27	
			<i>For >400 To 600, Deduct</i>	-10.90	
			<i>For >600 To 750, Deduct</i>	-14.53	
			<i>For >750, Deduct</i>	-18.50	
33 11	13 00-0076	LF	10" Polyvinyl Chloride (PVC) Well Casing.....	211.79	
			<i>For >100 To 250, Deduct</i>	-5.68	
			<i>For >250 To 400, Deduct</i>	-10.98	
			<i>For >400 To 600, Deduct</i>	-16.47	
			<i>For >600 To 750, Deduct</i>	-21.96	
			<i>For >750, Deduct</i>	-27.96	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0077 LF 12" Polyvinyl Chloride (PVC) Well Casing	249.31	
<i>For >100 To 250, Deduct</i>	-6.71	
<i>For >250 To 400, Deduct</i>	-12.94	
<i>For >400 To 600, Deduct</i>	-19.41	
<i>For >600 To 750, Deduct</i>	-25.88	
<i>For >750, Deduct</i>	-32.96	
33 11 13 00-0078 Furnish And Install Well Screen Assembly (33 11 13 00-0001)		
33 11 13 00-0079 Stainless Steel Well Screen (33 11 13 00-0078)		
33 11 13 00-0080 LF 2" Stainless Steel Well Screen	30.28	1.65
<i>For >100 To 250, Deduct</i>	-0.97	
<i>For >250 To 400, Deduct</i>	-1.72	
<i>For >400 To 600, Deduct</i>	-2.59	
<i>For >600 To 750, Deduct</i>	-3.45	
<i>For >750, Deduct</i>	-4.58	
33 11 13 00-0081 LF 3" Stainless Steel Well Screen	49.76	1.65
<i>For >100 To 250, Deduct</i>	-1.47	
<i>For >250 To 400, Deduct</i>	-2.72	
<i>For >400 To 600, Deduct</i>	-4.07	
<i>For >600 To 750, Deduct</i>	-5.43	
<i>For >750, Deduct</i>	-7.08	
33 11 13 00-0082 LF 4" Stainless Steel Well Screen	62.48	2.46
<i>For >100 To 250, Deduct</i>	-1.85	
<i>For >250 To 400, Deduct</i>	-3.41	
<i>For >400 To 600, Deduct</i>	-5.12	
<i>For >600 To 750, Deduct</i>	-6.82	
<i>For >750, Deduct</i>	-8.90	
33 11 13 00-0083 LF 5" Stainless Steel Well Screen	79.34	2.46
<i>For >100 To 250, Deduct</i>	-2.33	
<i>For >250 To 400, Deduct</i>	-4.31	
<i>For >400 To 600, Deduct</i>	-6.46	
<i>For >600 To 750, Deduct</i>	-8.62	
<i>For >750, Deduct</i>	-11.22	
33 11 13 00-0084 LF 6" Stainless Steel Well Screen	94.42	3.28
<i>For >100 To 250, Deduct</i>	-2.82	
<i>For >250 To 400, Deduct</i>	-5.18	
<i>For >400 To 600, Deduct</i>	-7.77	
<i>For >600 To 750, Deduct</i>	-10.35	
<i>For >750, Deduct</i>	-13.54	
33 11 13 00-0085 LF 8" Stainless Steel Well Screen	123.42	4.11
<i>For >100 To 250, Deduct</i>	-3.67	
<i>For >250 To 400, Deduct</i>	-6.75	
<i>For >400 To 600, Deduct</i>	-10.13	
<i>For >600 To 750, Deduct</i>	-13.51	
<i>For >750, Deduct</i>	-17.64	
33 11 13 00-0086 LF 10" Stainless Steel Well Screen	155.86	6.57
<i>For >100 To 250, Deduct</i>	-4.68	
<i>For >250 To 400, Deduct</i>	-8.58	
<i>For >400 To 600, Deduct</i>	-12.87	
<i>For >600 To 750, Deduct</i>	-17.16	
<i>For >750, Deduct</i>	-22.48	
33 11 13 00-0087 LF 12" Stainless Steel Well Screen	182.92	8.21
<i>For >100 To 250, Deduct</i>	-5.49	
<i>For >250 To 400, Deduct</i>	-10.07	
<i>For >400 To 600, Deduct</i>	-15.10	
<i>For >600 To 750, Deduct</i>	-20.13	
<i>For >750, Deduct</i>	-26.36	
33 11 13 00-0088 LF 14" Stainless Steel Well Screen	200.02	9.04
<i>For >100 To 250, Deduct</i>	-6.06	
<i>For >250 To 400, Deduct</i>	-11.06	
<i>For >400 To 600, Deduct</i>	-16.59	
<i>For >600 To 750, Deduct</i>	-22.12	
<i>For >750, Deduct</i>	-29.03	
33 11 13 00-0089 LF 16" Stainless Steel Well Screen	215.80	10.67
<i>For >100 To 250, Deduct</i>	-6.59	
<i>For >250 To 400, Deduct</i>	-11.98	
<i>For >400 To 600, Deduct</i>	-17.97	
<i>For >600 To 750, Deduct</i>	-23.96	
<i>For >750, Deduct</i>	-31.50	
33 11 13 00-0090 LF 18" Stainless Steel Well Screen	258.41	12.32
<i>For >100 To 250, Deduct</i>	-7.93	
<i>For >250 To 400, Deduct</i>	-14.39	
<i>For >400 To 600, Deduct</i>	-21.58	
<i>For >600 To 750, Deduct</i>	-28.77	
<i>For >750, Deduct</i>	-37.87	
33 11 13 00-0091 LF 20" Stainless Steel Well Screen	326.04	15.60
<i>For >100 To 250, Deduct</i>	-9.99	
<i>For >250 To 400, Deduct</i>	-18.14	
<i>For >400 To 600, Deduct</i>	-27.22	
<i>For >600 To 750, Deduct</i>	-36.29	
<i>For >750, Deduct</i>	-47.76	

33 Utilities**33 10 Water Utilities****33 11 Groundwater Sources**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11	13 00-0092	LF	24" Stainless Steel Well Screen.....	422.52	20.53
			<i>For >100 To 250, Deduct</i>	-12.98	
			<i>For >250 To 400, Deduct</i>	-23.54	
			<i>For >400 To 600, Deduct</i>	-35.31	
			<i>For >600 To 750, Deduct</i>	-47.08	
			<i>For >750, Deduct</i>	-61.99	
33 11	13 00-0093	LF	26" Stainless Steel Well Screen.....	487.99	23.82
			<i>For >100 To 250, Deduct</i>	-14.94	
			<i>For >250 To 400, Deduct</i>	-27.14	
			<i>For >400 To 600, Deduct</i>	-40.71	
			<i>For >600 To 750, Deduct</i>	-54.27	
			<i>For >750, Deduct</i>	-71.40	
33 11	13 00-0094		Slotted Polyvinyl Chloride (PVC) Well Screen, Schedule 40 <small>(33 11 13 00-0078)</small>		
33 11	13 00-0095	LF	1-1/4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	22.64	
			<i>For >100 To 250, Deduct</i>	-0.73	
			<i>For >250 To 400, Deduct</i>	-1.29	
			<i>For >400 To 600, Deduct</i>	-1.94	
			<i>For >600 To 750, Deduct</i>	-2.58	
			<i>For >750, Deduct</i>	-3.44	
			<i>For Schedule 80, Add</i>	6.49	
33 11	13 00-0096	LF	1-1/2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	26.32	
			<i>For >100 To 250, Deduct</i>	-0.83	
			<i>For >250 To 400, Deduct</i>	-1.49	
			<i>For >400 To 600, Deduct</i>	-2.23	
			<i>For >600 To 750, Deduct</i>	-2.97	
			<i>For >750, Deduct</i>	-3.94	
			<i>For Schedule 80, Add</i>	7.79	
33 11	13 00-0097	LF	2" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	34.95	
			<i>For >100 To 250, Deduct</i>	-1.18	
			<i>For >250 To 400, Deduct</i>	-2.05	
			<i>For >400 To 600, Deduct</i>	-3.08	
			<i>For >600 To 750, Deduct</i>	-4.11	
			<i>For >750, Deduct</i>	-5.53	
			<i>For Schedule 80, Add</i>	9.09	
33 11	13 00-0098	LF	3" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	55.40	
			<i>For >100 To 250, Deduct</i>	-1.71	
			<i>For >250 To 400, Deduct</i>	-3.10	
			<i>For >400 To 600, Deduct</i>	-4.65	
			<i>For >600 To 750, Deduct</i>	-6.20	
			<i>For >750, Deduct</i>	-8.18	
			<i>For Schedule 80, Add</i>	16.88	
33 11	13 00-0099	LF	4" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	69.61	
			<i>For >100 To 250, Deduct</i>	-2.16	
			<i>For >250 To 400, Deduct</i>	-3.90	
			<i>For >400 To 600, Deduct</i>	-5.85	
			<i>For >600 To 750, Deduct</i>	-7.80	
			<i>For >750, Deduct</i>	-10.29	
			<i>For Schedule 80, Add</i>	21.17	
33 11	13 00-0100	LF	5" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	88.04	
			<i>For >100 To 250, Deduct</i>	-2.70	
			<i>For >250 To 400, Deduct</i>	-4.90	
			<i>For >400 To 600, Deduct</i>	-7.35	
			<i>For >600 To 750, Deduct</i>	-9.80	
			<i>For >750, Deduct</i>	-12.89	
			<i>For Schedule 80, Add</i>	27.27	
33 11	13 00-0101	LF	6" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	93.03	
			<i>For >100 To 250, Deduct</i>	-2.99	
			<i>For >250 To 400, Deduct</i>	-5.31	
			<i>For >400 To 600, Deduct</i>	-7.97	
			<i>For >600 To 750, Deduct</i>	-10.63	
			<i>For >750, Deduct</i>	-14.14	
			<i>For Schedule 80, Add</i>	26.62	
33 11	13 00-0102	LF	8" Diameter Slotted Polyvinyl Chloride (PVC) Well Screen	137.77	
			<i>For >100 To 250, Deduct</i>	-4.29	
			<i>For >250 To 400, Deduct</i>	-7.74	
			<i>For >400 To 600, Deduct</i>	-11.60	
			<i>For >600 To 750, Deduct</i>	-15.47	
			<i>For >750, Deduct</i>	-20.44	
			<i>For Schedule 80, Add</i>	41.56	
33 11	13 00-0103		Furnish And Install Gravel Pack Material <small>(33 11 13 00-0001)</small>		
			Note: Quantity is based on 3" space between wall and the casing or well screen.		
33 11	13 00-0104		Artificial Gravel Pack <small>(33 11 13 00-0103)</small>		
			Note: Excludes casing.		
33 11	13 00-0105	LF	Artificial Gravel Pack, 6" Casing, 2" Screen.....	17.34	
			<i>For >100 To 250, Deduct</i>	-0.67	
			<i>For >250 To 400, Deduct</i>	-1.10	
			<i>For >400 To 600, Deduct</i>	-1.65	
			<i>For >600 To 750, Deduct</i>	-2.21	
			<i>For >750, Deduct</i>	-3.07	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0106 LF Artificial Gravel Pack, 8" Casing, 2" Screen.....	25.58	
<i>For >100 To 250, Deduct</i>	-1.01	
<i>For >250 To 400, Deduct</i>	-1.65	
<i>For >400 To 600, Deduct</i>	-2.47	
<i>For >600 To 750, Deduct</i>	-3.30	
<i>For >750, Deduct</i>	-4.60	
33 11 13 00-0107 LF Artificial Gravel Pack, 10" Casing, 2" Screen.....	35.62	
<i>For >100 To 250, Deduct</i>	-1.44	
<i>For >250 To 400, Deduct</i>	-2.33	
<i>For >400 To 600, Deduct</i>	-3.50	
<i>For >600 To 750, Deduct</i>	-4.67	
<i>For >750, Deduct</i>	-6.55	
33 11 13 00-0108 LF Artificial Gravel Pack, 12" Casing, 2" Screen.....	45.67	
<i>For >100 To 250, Deduct</i>	-1.83	
<i>For >250 To 400, Deduct</i>	-2.97	
<i>For >400 To 600, Deduct</i>	-4.45	
<i>For >600 To 750, Deduct</i>	-5.94	
<i>For >750, Deduct</i>	-8.31	
33 11 13 00-0109 LF Artificial Gravel Pack, 14" Casing, 2" Screen.....	56.33	
<i>For >100 To 250, Deduct</i>	-2.23	
<i>For >250 To 400, Deduct</i>	-3.64	
<i>For >400 To 600, Deduct</i>	-5.45	
<i>For >600 To 750, Deduct</i>	-7.27	
<i>For >750, Deduct</i>	-10.15	
33 11 13 00-0110 LF Artificial Gravel Pack, 16" Casing, 2" Screen.....	72.94	
<i>For >100 To 250, Deduct</i>	-2.83	
<i>For >250 To 400, Deduct</i>	-4.66	
<i>For >400 To 600, Deduct</i>	-6.99	
<i>For >600 To 750, Deduct</i>	-9.31	
<i>For >750, Deduct</i>	-12.95	
33 11 13 00-0111 LF Artificial Gravel Pack, 18" Casing, 2" Screen.....	83.64	
<i>For >100 To 250, Deduct</i>	-3.23	
<i>For >250 To 400, Deduct</i>	-5.32	
<i>For >400 To 600, Deduct</i>	-7.99	
<i>For >600 To 750, Deduct</i>	-10.65	
<i>For >750, Deduct</i>	-14.79	
33 11 13 00-0112 LF Artificial Gravel Pack, 20" Casing, 2" Screen.....	99.33	
<i>For >100 To 250, Deduct</i>	-3.88	
<i>For >250 To 400, Deduct</i>	-6.36	
<i>For >400 To 600, Deduct</i>	-9.54	
<i>For >600 To 750, Deduct</i>	-12.72	
<i>For >750, Deduct</i>	-17.71	
33 11 13 00-0113 LF Artificial Gravel Pack, 24" Casing, 2" Screen.....	112.37	
<i>For >100 To 250, Deduct</i>	-4.41	
<i>For >250 To 400, Deduct</i>	-7.22	
<i>For >400 To 600, Deduct</i>	-10.83	
<i>For >600 To 750, Deduct</i>	-14.44	
<i>For >750, Deduct</i>	-20.12	
33 11 13 00-0114 LF Artificial Gravel Pack, 26" Casing, 2" Screen.....	121.08	
<i>For >100 To 250, Deduct</i>	-4.70	
<i>For >250 To 400, Deduct</i>	-7.72	
<i>For >400 To 600, Deduct</i>	-11.59	
<i>For >600 To 750, Deduct</i>	-15.45	
<i>For >750, Deduct</i>	-21.48	
33 11 13 00-0115 LF Artificial Gravel Pack, 30" Casing, 2" Screen.....	144.37	
<i>For >100 To 250, Deduct</i>	-5.66	
<i>For >250 To 400, Deduct</i>	-9.27	
<i>For >400 To 600, Deduct</i>	-13.91	
<i>For >600 To 750, Deduct</i>	-18.55	
<i>For >750, Deduct</i>	-25.85	
33 11 13 00-0116 LF Artificial Gravel Pack, 36" Casing, 2" Screen.....	167.01	
<i>For >100 To 250, Deduct</i>	-6.68	
<i>For >250 To 400, Deduct</i>	-10.86	
<i>For >400 To 600, Deduct</i>	-16.28	
<i>For >600 To 750, Deduct</i>	-21.71	
<i>For >750, Deduct</i>	-30.40	
33 11 13 00-0117 Develop Well <small>(33 11 13 00-0001)</small>		
Note: Pump out drilled well to remove debris and fine material remaining from the drilling process. Excludes disposal.		
33 11 13 00-0118 HR Develop Well.....	432.84	
33 11 13 00-0119 Pump Test <small>(33 11 13 00-0001)</small>		
Note: To determine water level and GPM flow rate.		
33 11 13 00-0120 HR Pump Test Well.....	382.39	
33 11 13 00-0121 Test Well <small>(33 11 13 00-0001)</small>		
33 11 13 00-0122 VLF 2-1/2" Diameter Test Well.....	99.50	
33 11 13 00-0123 Surface Seal, Concrete Filled <small>(33 11 13)</small>		
33 11 13 00-0124 SF Surface Seal Well, Concrete Filled.....	31.14	

33	Utilities
33 10	Water Utilities
33 11	Groundwater Sources

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 11 13 00-0125		Other Water Well <small>(33 11 13)</small>		
33 11 13 00-0126	SF	Patch Hole In Well Casing	89.94	
33 11 13 00-0127	SF	1/2" Pressure Grout Well	2.16	
33 11 13 00-0128	SF	1" Pressure Grout Well	3.49	
33 11 13 00-0129	CF	Sediment Removal In Well Casing For Existing Well	5.14	
33 11 13 00-0130		Sterilization Of Well <small>(33 11 13)</small>		
33 11 13 00-0131	EA	Well Sterilization, Chlorine	1,489.25	
33 11 13 00-0132		Submersible Well Pumps <small>(33 11 13)</small>		
		Note: Includes pump end, motor and control box.		
33 11 13 00-0133		4" Submersible Well Pumps <small>(33 11 13 00-0132)</small>		
33 11 13 00-0134		Powder Coated Case And Cast Iron Ends <small>(33 11 13 00-0133)</small>		
33 11 13 00-0135	EA	1/2 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,335.75	453.14
33 11 13 00-0136	EA	3/4 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,523.12	502.25
33 11 13 00-0137	EA	1 HP Submersible Well Pump, 4" Diameter Powder Coated Case And Cast Iron Ends	1,690.41	558.05
33 11 13 00-0138		Stainless Steel Case And Ends <small>(33 11 13 00-0133)</small>		
33 11 13 00-0139	EA	1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,508.63	446.44
33 11 13 00-0140	EA	3/4 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,720.89	502.25
33 11 13 00-0141	EA	1 HP Submersible Well Pump, 4" Diameter Stainless Steel	1,929.60	558.05
33 11 13 00-0142	EA	1-1/2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,211.72	613.86
33 11 13 00-0143	EA	2 HP Submersible Well Pump, 4" Diameter Stainless Steel	2,504.49	669.68
33 11 13 00-0144	EA	3 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,082.94	781.29
33 11 13 00-0145	EA	5 HP Submersible Well Pump, 4" Diameter Stainless Steel	3,882.83	892.90
33 11 13 00-0146		6" Submersible Well Pumps <small>(33 11 13 00-0132)</small>		
33 11 13 00-0147	EA	5 HP Submersible Well Pump, 6" Diameter Stainless Steel	3,762.10	1,116.12
33 11 13 00-0148	EA	7.5 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,341.73	1,227.73
33 11 13 00-0149	EA	10 HP Submersible Well Pump, 6" Diameter Stainless Steel	4,943.87	1,339.34
33 11 13 00-0150	EA	15 HP Submersible Well Pump, 6" Diameter Stainless Steel	6,016.08	1,562.56
33 14		Water Utility Transmission and Distribution <small>(33 10)</small>		
33 14 11		Water Utility Transmission Piping <small>(33 14)</small>		
		See CSI section 33 14 13 00-0000 for water utility transmission piping.		
33 14 13		Public Water Utility Distribution Piping <small>(33 14)</small>		
		Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 14 13 13		Ductile Iron Public Water Utility Distribution Piping <small>(33 14 13)</small>		
33 14 13 13-0001		Ductile Iron Piping <small>(33 14 13 13)</small>		
33 14 13 13-0002		Mechanical Joint Ductile Iron Piping <small>(33 14 13 13-0001)</small>		
		Note: Cement lining and bituminous coating shall conform to ANSI A21.4. Fittings are C153. See CSI section 33 14 13 13-0500 for bolts and gaskets.		
33 14 13 13-0003		Mechanical Joint Ductile Iron Pipe <small>(33 14 13 13-0002)</small>		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-0004	LF	3", Class 51, Mechanical Joint Ductile Iron Pipe	42.13	12.27
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	16.50	
		For Cement Mortar Lining (CML), Add	2.36	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	12.73	
		For Fusion Bonded Epoxy Lining (206N), Add	4.24	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.77	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-2.11	
		For Class 52, Add	7.42	
		For Class 53, Add	13.33	
		For Class 54, Add	18.99	
		For Class 55, Add	21.87	
		For Class 56, Add	24.69	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0005 LF 4", Class 50, Mechanical Joint Ductile Iron Pipe.....	45.68	13.06
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	18.12	
For Cement Mortar Lining (CML), Add	2.59	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	13.98	
For Fusion Bonded Epoxy Lining (206N), Add	4.66	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.94	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-2.28	
For Class 51, Add	3.78	
For Class 52, Add	8.13	
For Class 53, Add	14.62	
For Class 54, Add	20.83	
For Class 55, Add	23.98	
For Class 56, Add	27.08	
33 14 13 13-0006 LF 6", Class 50, Mechanical Joint Ductile Iron Pipe.....	48.82	13.71
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	19.67	
For Cement Mortar Lining (CML), Add	2.81	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	15.17	
For Fusion Bonded Epoxy Lining (206N), Add	5.06	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.11	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-2.44	
For Class 51, Add	4.09	
For Class 52, Add	8.81	
For Class 53, Add	15.84	
For Class 54, Add	22.57	
For Class 55, Add	25.98	
For Class 56, Add	29.33	
33 14 13 13-0007 LF 8", Class 50, Mechanical Joint Ductile Iron Pipe.....	57.53	14.24
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	25.17	
For Cement Mortar Lining (CML), Add	3.60	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	19.41	
For Fusion Bonded Epoxy Lining (206N), Add	6.47	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.70	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-2.88	
For Class 51, Add	5.17	
For Class 52, Add	11.15	
For Class 53, Add	20.07	
For Class 54, Add	28.63	
For Class 55, Add	32.93	
For Class 56, Add	37.16	
33 14 13 13-0008 LF 10", Class 50, Mechanical Joint Ductile Iron Pipe.....	77.28	20.13
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	28.06	
For Cement Mortar Lining (CML), Add	4.68	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	23.39	
For Fusion Bonded Epoxy Lining (206N), Add	8.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.51	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-3.86	
For Class 51, Add	6.76	
For Class 52, Add	14.56	
For Class 53, Add	26.21	
For Class 54, Add	37.37	
For Class 55, Add	42.99	
For Class 56, Add	48.52	
33 14 13 13-0009 LF 12", Class 50, Mechanical Joint Ductile Iron Pipe.....	93.63	22.37
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	29.87	
For Cement Mortar Lining (CML), Add	5.97	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	23.89	
For Fusion Bonded Epoxy Lining (206N), Add	10.75	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.48	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-4.68	
For Class 51, Add	8.56	
For Class 52, Add	18.47	
For Class 53, Add	33.28	
For Class 54, Add	47.47	
For Class 55, Add	54.59	
For Class 56, Add	61.59	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0010	LF	14", Class 50, Mechanical Joint Ductile Iron Pipe.....	112.21	25.12
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	32.59	
			For Cement Mortar Lining (CML), Add	7.41	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	25.18	
			For Fusion Bonded Epoxy Lining (206N), Add	13.33	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.56	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-5.61	
			For Class 51, Add	10.57	
			For Class 52, Add	22.81	
			For Class 53, Add	41.12	
			For Class 54, Add	58.67	
			For Class 55, Add	67.45	
			For Class 56, Add	76.08	
33 14 13	13-0011	LF	16", Class 50, Mechanical Joint Ductile Iron Pipe.....	126.63	28.78
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	34.05	
			For Cement Mortar Lining (CML), Add	8.30	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	25.74	
			For Fusion Bonded Epoxy Lining (206N), Add	14.95	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.23	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-6.33	
			For Class 51, Add	11.86	
			For Class 52, Add	25.59	
			For Class 53, Add	46.14	
			For Class 54, Add	65.82	
			For Class 55, Add	75.68	
			For Class 56, Add	85.35	
33 14 13	13-0012	LF	18", Class 50, Mechanical Joint Ductile Iron Pipe.....	157.34	33.55
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	43.67	
			For Cement Mortar Lining (CML), Add	10.65	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	33.02	
			For Fusion Bonded Epoxy Lining (206N), Add	19.17	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.99	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-7.87	
			For Class 51, Add	15.15	
			For Class 52, Add	32.70	
			For Class 53, Add	58.98	
			For Class 54, Add	84.16	
			For Class 55, Add	96.74	
			For Class 56, Add	109.09	
33 14 13	13-0013	LF	20", Class 50, Mechanical Joint Ductile Iron Pipe.....	178.29	40.27
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	44.57	
			For Cement Mortar Lining (CML), Add	11.73	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	32.84	
			For Fusion Bonded Epoxy Lining (206N), Add	21.11	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.80	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-8.91	
			For Class 51, Add	16.75	
			For Class 52, Add	36.13	
			For Class 53, Add	65.14	
			For Class 54, Add	92.93	
			For Class 55, Add	106.84	
			For Class 56, Add	120.51	
33 14 13	13-0014	LF	24", Class 50, Mechanical Joint Ductile Iron Pipe.....	233.68	50.33
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	48.80	
			For Cement Mortar Lining (CML), Add	15.74	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	33.06	
			For Fusion Bonded Epoxy Lining (206N), Add	28.33	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	11.81	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-11.68	
			For Class 51, Add	22.41	
			For Class 52, Add	48.36	
			For Class 53, Add	87.22	
			For Class 54, Add	124.45	
			For Class 55, Add	143.05	
			For Class 56, Add	161.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0015 LF 30", Class 50, Mechanical Joint Ductile Iron Pipe.....	303.33	54.20
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	68.81	
For Cement Mortar Lining (CML), Add	22.20	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	39.95	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.65	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-15.17	
For Class 51, Add	31.27	
For Class 52, Add	67.54	
For Class 53, Add	122.00	
For Class 54, Add	174.19	
For Class 55, Add	200.09	
For Class 56, Add	225.52	
33 14 13 13-0016 LF 36", Class 50, Mechanical Joint Ductile Iron Pipe.....	364.00	57.56
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	86.04	
For Cement Mortar Lining (CML), Add	27.76	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	49.96	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	20.82	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-18.20	
For Class 51, Add	38.91	
For Class 52, Add	84.07	
For Class 53, Add	151.99	
For Class 54, Add	217.04	
For Class 55, Add	249.24	
For Class 56, Add	280.85	
33 14 13 13-0017 LF 42", Class 50, Mechanical Joint Ductile Iron Pipe.....	449.07	60.91
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	110.84	
For Cement Mortar Lining (CML), Add	35.76	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	64.36	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.82	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-22.45	
For Class 51, Add	49.88	
For Class 52, Add	107.80	
For Class 53, Add	195.04	
For Class 54, Add	278.60	
For Class 55, Add	319.83	
For Class 56, Add	360.30	
33 14 13 13-0018 LF 48", Class 50, Mechanical Joint Ductile Iron Pipe.....	552.35	64.37
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	141.28	
For Cement Mortar Lining (CML), Add	45.57	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	82.03	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.18	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-27.62	
For Class 51, Add	63.32	
For Class 52, Add	136.90	
For Class 53, Add	247.85	
For Class 54, Add	354.11	
For Class 55, Add	406.41	
For Class 56, Add	457.74	
33 14 13 13-0019 Mechanical Joint Ductile Iron 90 Degree Elbow <small>(33 14 13 13-0002)</small>		
33 14 13 13-0020 EA 3" Mechanical Joint Ductile Iron 90 Degree Elbow	180.10	38.75
For Cement Mortar Lining (CML), Add	12.14	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	21.85	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0021 EA 4" Mechanical Joint Ductile Iron 90 Degree Elbow	202.24	46.30
For Cement Mortar Lining (CML), Add	13.21	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	23.78	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	9.91	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0022 EA 6" Mechanical Joint Ductile Iron 90 Degree Elbow	319.61	68.43
For Cement Mortar Lining (CML), Add	21.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	38.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.20	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0023 EA 8" Mechanical Joint Ductile Iron 90 Degree Elbow	437.20	81.16
For Cement Mortar Lining (CML), Add	31.42	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	56.55	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.56	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0024 EA 10" Mechanical Joint Ductile Iron 90 Degree Elbow	635.08	89.28
For Cement Mortar Lining (CML), Add	49.98	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	89.97	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.49	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0025 EA 12" Mechanical Joint Ductile Iron 90 Degree Elbow	831.62	104.74
For Cement Mortar Lining (CML), Add	67.30	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	121.14	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.47	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0026 EA 14" Mechanical Joint Ductile Iron 90 Degree Elbow	1,304.36	117.45
For Cement Mortar Lining (CML), Add	112.64	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	202.75	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	84.48	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0027 EA 16" Mechanical Joint Ductile Iron 90 Degree Elbow	1,733.23	134.23
For Cement Mortar Lining (CML), Add	152.99	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	275.37	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	114.74	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0028 EA 18" Mechanical Joint Ductile Iron 90 Degree Elbow	2,126.93	187.93
For Cement Mortar Lining (CML), Add	184.22	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	331.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	138.17	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0029 EA 20" Mechanical Joint Ductile Iron 90 Degree Elbow	2,924.69	234.90
For Cement Mortar Lining (CML), Add	256.88	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	462.38	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	192.66	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0030 EA 24" Mechanical Joint Ductile Iron 90 Degree Elbow	4,308.45	312.80
For Cement Mortar Lining (CML), Add	383.44	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	690.20	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	287.58	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0031 EA 30" Mechanical Joint Ductile Iron 90 Degree Elbow	6,661.77	335.58
For Cement Mortar Lining (CML), Add	615.33	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,107.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	461.50	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0032 EA 36" Mechanical Joint Ductile Iron 90 Degree Elbow	10,147.82	348.40
For Cement Mortar Lining (CML), Add	962.00	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,731.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	721.50	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0033 EA 42" Mechanical Joint Ductile Iron 90 Degree Elbow	17,106.44	402.70
For Cement Mortar Lining (CML), Add	1,649.63	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,969.33	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,237.22	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0034 EA 48" Mechanical Joint Ductile Iron 90 Degree Elbow	22,645.34	428.43
For Cement Mortar Lining (CML), Add	2,199.63	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	3,959.33	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,649.72	
Note: ANSI/AWWA C151/A21.51		

33 14 13 13-0035 Mechanical Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0002)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0036 EA 3" Mechanical Joint Ductile Iron 45 Degree Elbow	167.60	38.75
For Cement Mortar Lining (CML), Add	10.89	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	19.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.17	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0037 EA 4" Mechanical Joint Ductile Iron 45 Degree Elbow	179.03	46.30
For Cement Mortar Lining (CML), Add	10.89	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	19.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.17	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0038 EA 6" Mechanical Joint Ductile Iron 45 Degree Elbow	278.55	68.43
For Cement Mortar Lining (CML), Add	17.49	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	31.49	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	13.12	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0039 EA 8" Mechanical Joint Ductile Iron 45 Degree Elbow	378.29	81.16
For Cement Mortar Lining (CML), Add	25.53	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	45.95	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	19.15	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0040 EA 10" Mechanical Joint Ductile Iron 45 Degree Elbow	508.34	89.28
For Cement Mortar Lining (CML), Add	37.31	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	67.16	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.98	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0041 EA 12" Mechanical Joint Ductile Iron 45 Degree Elbow	715.59	104.74
For Cement Mortar Lining (CML), Add	55.70	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	100.25	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	41.77	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0042 EA 14" Mechanical Joint Ductile Iron 45 Degree Elbow	1,054.44	117.45
For Cement Mortar Lining (CML), Add	87.65	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	157.77	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	65.74	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0043 EA 16" Mechanical Joint Ductile Iron 45 Degree Elbow	1,295.87	134.23
For Cement Mortar Lining (CML), Add	109.25	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	196.65	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	81.94	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0044 EA 18" Mechanical Joint Ductile Iron 45 Degree Elbow	1,852.03	187.93
For Cement Mortar Lining (CML), Add	156.73	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	282.12	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	117.55	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0045 EA 20" Mechanical Joint Ductile Iron 45 Degree Elbow	2,030.34	234.90
For Cement Mortar Lining (CML), Add	167.44	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	301.40	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	125.58	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0046 EA 24" Mechanical Joint Ductile Iron 45 Degree Elbow	3,017.81	312.80
For Cement Mortar Lining (CML), Add	254.38	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	457.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	190.79	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0047 EA 30" Mechanical Joint Ductile Iron 45 Degree Elbow	5,676.38	335.58
For Cement Mortar Lining (CML), Add	516.79	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	930.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	387.59	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0048	EA	36" Mechanical Joint Ductile Iron 45 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	8,084.22 755.64 1,360.15 566.73	348.40
33 14 13	13-0049	EA	42" Mechanical Joint Ductile Iron 45 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	12,220.57 1,161.04 2,089.88 870.78	402.70
33 14 13	13-0050	EA	48" Mechanical Joint Ductile Iron 45 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	15,863.67 1,521.46 2,738.62 1,141.09	428.43
33 14 13 13-0051 Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <small>(33 14 13 13-0002)</small>					
33 14 13	13-0052	EA	3" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	144.40 8.57 15.42 6.43	38.75
33 14 13	13-0053	EA	4" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	173.68 10.35 18.64 7.77	46.30
33 14 13	13-0054	EA	6" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	264.27 16.07 28.92 12.05	68.43
33 14 13	13-0055	EA	8" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	372.94 24.99 44.99 18.74	81.16
33 14 13	13-0056	EA	10" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	506.55 37.13 66.83 27.85	89.28
33 14 13	13-0057	EA	12" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	645.97 48.73 87.72 36.55	104.74
33 14 13	13-0058	EA	14" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,065.15 88.72 159.70 66.54	117.45
33 14 13	13-0059	EA	16" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,251.25 104.79 188.62 78.59	134.23
33 14 13	13-0060	EA	18" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,571.76 128.71 231.67 96.53	187.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0061 EA 20" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,105.32	234.90
For Cement Mortar Lining (CML), Add	174.94	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	314.90	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	131.21	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0062 EA 24" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,821.44	312.80
For Cement Mortar Lining (CML), Add	234.74	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	422.54	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	176.06	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0063 EA 30" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,839.16	335.58
For Cement Mortar Lining (CML), Add	433.07	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	779.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	324.80	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0064 EA 36" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	6,875.70	348.40
For Cement Mortar Lining (CML), Add	634.79	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,142.62	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	476.09	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0065 EA 42" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	10,194.46	402.70
For Cement Mortar Lining (CML), Add	958.43	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,725.18	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	718.82	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0066 EA 48" Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	13,128.86	428.43
For Cement Mortar Lining (CML), Add	1,247.98	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,246.36	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	935.98	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0067 Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <small>(33 14 13 13-0002)</small>		
33 14 13 13-0068 EA 3" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	144.40	38.75
For Cement Mortar Lining (CML), Add	8.57	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	15.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.43	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0069 EA 4" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	168.32	46.30
For Cement Mortar Lining (CML), Add	9.82	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	17.67	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.36	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0070 EA 6" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	269.63	68.43
For Cement Mortar Lining (CML), Add	16.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	29.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.45	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0071 EA 8" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	349.73	81.16
For Cement Mortar Lining (CML), Add	22.67	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	40.81	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.00	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0072 EA 10" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	502.98	89.28
For Cement Mortar Lining (CML), Add	36.77	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	66.19	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.58	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0073 EA 12" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	615.62	104.74
For Cement Mortar Lining (CML), Add	45.70	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	82.26	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.27	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0074	EA	14" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,190.11 101.22 182.19 75.91	117.45
33 14 13	13-0075	EA	16" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,311.94 110.86 199.54 83.14	134.23
33 14 13	13-0076	EA	18" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,910.93 162.62 292.72 121.97	187.93
33 14 13	13-0077	EA	20" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,003.57 164.77 296.58 123.58	234.90
33 14 13	13-0078	EA	24" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,671.49 219.75 395.55 164.81	312.80
33 14 13	13-0079	EA	30" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,917.71 440.93 793.67 330.69	335.58
33 14 13	13-0080	EA	36" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	6,554.38 602.66 1,084.78 451.99	348.40
33 14 13	13-0081	EA	42" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	9,757.10 914.70 1,646.45 686.02	402.70
33 14 13	13-0082	EA	48" Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	13,043.18 1,239.41 2,230.94 929.56	428.43
33 14 13	13-0083		Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow <small>(33 14 13 13-0083)</small>		
33 14 13	13-0084	EA	3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	185.45 12.67 22.81 9.51	38.75
33 14 13	13-0085	EA	4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	227.23 15.71 28.28 11.78	46.30
33 14 13	13-0086	EA	6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	364.24 26.06 46.91 19.55	68.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0087 EA 8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	496.11	81.16
For Cement Mortar Lining (CML), Add	37.31	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	67.16	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.98	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0088 EA 10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	720.77	89.28
For Cement Mortar Lining (CML), Add	58.55	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	105.39	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	43.91	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0089 EA 12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	924.45	104.74
For Cement Mortar Lining (CML), Add	76.58	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	137.85	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	57.44	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0090 EA 14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	1,602.48	117.45
For Cement Mortar Lining (CML), Add	142.45	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	256.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	106.84	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0091 EA 16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	2,459.77	134.23
For Cement Mortar Lining (CML), Add	225.64	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	406.15	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	169.23	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0092 EA 18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	2,848.12	187.93
For Cement Mortar Lining (CML), Add	256.34	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	461.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	192.26	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0093 EA 20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	3,874.37	234.90
For Cement Mortar Lining (CML), Add	351.85	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	633.32	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	263.89	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0094 EA 24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	4,701.17	312.80
For Cement Mortar Lining (CML), Add	422.72	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	760.89	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	317.04	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0095 EA 30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	8,832.47	335.58
For Cement Mortar Lining (CML), Add	832.40	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,498.32	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	624.30	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0096 EA 36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow.....	15,867.35	348.40
For Cement Mortar Lining (CML), Add	1,533.95	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,761.12	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,150.47	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0097 Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow <small>(33 14 13 13-0097)</small>		
33 14 13 13-0098 EA 3" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	169.39	38.75
For Cement Mortar Lining (CML), Add	11.07	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	19.92	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.30	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0099 EA 4" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	184.39	46.30
For Cement Mortar Lining (CML), Add	11.43	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	20.57	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.57	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0100 EA 6" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	298.19	68.43
For Cement Mortar Lining (CML), Add	19.46	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	35.02	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.59	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0101 EA 8" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	435.42	81.16
For Cement Mortar Lining (CML), Add	31.24	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	56.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.43	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0102 EA 10" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	599.38	89.28
For Cement Mortar Lining (CML), Add	46.41	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	83.54	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.81	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0103 EA 12" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	819.12	104.74
For Cement Mortar Lining (CML), Add	66.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	118.89	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	49.54	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0104 EA 14" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,415.04	117.45
For Cement Mortar Lining (CML), Add	123.71	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	222.68	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	92.78	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0105 EA 16" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,165.23	134.23
For Cement Mortar Lining (CML), Add	196.19	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	353.13	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	147.14	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0106 EA 18" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,550.01	187.93
For Cement Mortar Lining (CML), Add	226.53	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	407.76	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	169.90	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0107 EA 20" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	3,313.84	234.90
For Cement Mortar Lining (CML), Add	295.79	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	532.43	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	221.85	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0108 EA 24" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	4,160.28	312.80
For Cement Mortar Lining (CML), Add	368.63	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	663.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	276.47	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0109 EA 30" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	7,748.91	335.58
For Cement Mortar Lining (CML), Add	724.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,303.28	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	543.03	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0110 EA 36" Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	13,873.37	348.40
For Cement Mortar Lining (CML), Add	1,334.56	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,402.20	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,000.92	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0111 Mechanical Joint Ductile Iron Tee <small>(33 14 13 13-0002)</small>		
33 14 13 13-0112 EA 3" x 3" Mechanical Joint Ductile Iron Tee.....	295.14	58.12
For Cement Mortar Lining (CML), Add	20.71	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	37.27	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	15.53	
Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0113 EA 4" x 3" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	305.50 20.71 37.27 15.53	64.95
33 14 13 13-0114 EA 4" x 4" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	276.77 17.32 31.17 12.99	68.43
33 14 13 13-0115 EA 6" x 3" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	369.79 23.92 43.06 17.94	86.19
33 14 13 13-0116 EA 6" x 4" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	426.94 29.10 52.37 21.82	89.75
33 14 13 13-0117 EA 6" x 6" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	464.56 31.24 56.23 23.43	100.48
33 14 13 13-0118 EA 8" x 4" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	494.96 33.74 60.73 25.30	104.01
33 14 13 13-0119 EA 8" x 6" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	562.92 38.92 70.05 29.19	114.69
33 14 13 13-0120 EA 8" x 8" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	654.06 46.95 84.51 35.21	121.84
33 14 13 13-0121 EA 10" x 4" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	685.81 51.77 93.18 38.83	110.96
33 14 13 13-0122 EA 10" x 6" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	685.00 50.16 90.29 37.62	121.03
33 14 13 13-0123 EA 10" x 8" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	780.86 58.73 105.71 44.05	127.74
33 14 13 13-0124 EA 10" x 10" Mechanical Joint Ductile Iron Tee <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	874.59 67.12 120.82 50.34	134.23

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0125	EA	12" x 4" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	822.18 63.37 114.07 47.53	124.39
33 14 13	13-0126	EA	12" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	935.61 73.19 131.74 54.89	134.44
33 14 13	13-0127	EA	12" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,154.65 94.08 169.34 70.56	141.16
33 14 13	13-0128	EA	12" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,237.66 101.40 182.51 76.05	147.65
33 14 13	13-0129	EA	12" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,171.07 93.72 168.69 70.29	154.36
33 14 13	13-0130	EA	14" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,251.32 101.40 182.51 76.05	156.67
33 14 13	13-0131	EA	14" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,395.38 114.78 206.61 86.09	163.39
33 14 13	13-0132	EA	14" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,790.79 153.34 276.02 115.01	169.87
33 14 13	13-0133	EA	14" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,915.21 164.77 296.58 123.58	176.58
33 14 13	13-0134	EA	14" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,844.56 156.02 280.83 117.01	187.73
33 14 13	13-0135	EA	16" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,593.12 130.85 235.53 98.14	187.92
33 14 13	13-0136	EA	16" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,715.86 142.10 255.77 106.57	194.64

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0137 EA 16" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,004.16 169.94 305.90 127.46	201.11
33 14 13 13-0138 EA 16" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,196.42 188.15 338.67 141.11	207.83
33 14 13 13-0139 EA 16" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,650.59 231.89 417.40 173.92	218.94
33 14 13 13-0140 EA 16" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,499.33 214.39 385.91 160.79	234.60
33 14 13 13-0141 EA 18" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,217.34 185.30 333.53 138.97	240.50
33 14 13 13-0142 EA 18" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,381.04 200.65 361.16 150.49	247.21
33 14 13 13-0143 EA 18" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,580.09 219.57 395.23 164.68	253.70
33 14 13 13-0144 EA 18" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,777.70 238.31 428.97 178.74	260.41
33 14 13 13-0145 EA 18" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,857.00 244.56 440.21 183.42	271.51
33 14 13 13-0146 EA 18" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,050.26 261.52 470.74 196.14	287.14
33 14 13 13-0147 EA 18" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,577.44 310.25 558.46 232.69	313.42
33 14 13 13-0148 EA 20" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,607.56 208.50 375.30 156.38	344.88

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0149 EA 20" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,664.15 213.14 383.66 159.86	351.60
33 14 13 13-0150 EA 20" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,907.83 236.53 425.75 177.40	358.07
33 14 13 13-0151 EA 20" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,150.06 259.74 467.52 194.80	364.79
33 14 13 13-0152 EA 20" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,186.54 261.70 471.06 196.27	375.89
33 14 13 13-0153 EA 20" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,231.62 263.84 474.91 197.88	391.52
33 14 13 13-0154 EA 20" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,078.32 344.53 620.15 258.40	417.80
33 14 13 13-0155 EA 20" x 20" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,571.88 285.98 514.76 214.48	470.02
33 14 13 13-0156 EA 24" x 6" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,188.29 250.81 451.46 188.11	448.94
33 14 13 13-0157 EA 24" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,230.62 254.02 457.24 190.52	456.29
33 14 13 13-0158 EA 24" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,568.90 286.87 516.36 215.15	462.14
33 14 13 13-0159 EA 24" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,659.38 294.90 530.82 221.18	468.85
33 14 13 13-0160 EA 24" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,129.64 340.24 612.44 255.18	479.95

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0161 EA 24" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	4,465.70 371.48 668.67 278.61	495.57
33 14 13 13-0162 EA 24" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,083.91 429.32 772.78 321.99	521.87
33 14 13 13-0163 EA 24" x 20" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,636.06 476.63 857.93 357.47	574.06
33 14 13 13-0164 EA 24" x 24" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,193.63 424.50 764.10 318.38	626.11
33 14 13 13-0165 EA 30" x 8" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,591.89 478.95 862.11 359.21	529.59
33 14 13 13-0166 EA 30" x 10" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,896.26 508.40 915.12 381.30	536.08
33 14 13 13-0167 EA 30" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	6,200.98 537.86 968.14 403.39	542.79
33 14 13 13-0168 EA 30" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	6,635.52 579.63 1,043.33 434.72	553.90
33 14 13 13-0169 EA 30" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	7,105.47 624.26 1,123.66 468.19	736.96
33 14 13 13-0170 EA 30" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	7,295.25 639.25 1,150.65 479.44	595.81
33 14 13 13-0171 EA 30" x 20" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	7,583.19 660.14 1,188.25 495.10	648.00
33 14 13 13-0172 EA 30" x 24" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	7,963.71 690.31 1,242.55 517.73	700.03

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0173 EA 30" x 30" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	10,015.48 889.88 1,601.79 667.41	736.96
33 14 13 13-0174 EA 30" x 6" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,853.05 506.08 910.95 379.56	522.87
33 14 13 13-0175 EA 36" x 8" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	6,848.87 595.87 1,072.57 446.90	587.49
33 14 13 13-0176 EA 36" x 10" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	7,633.43 673.35 1,212.02 505.01	593.98
33 14 13 13-0177 EA 36" x 12" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	8,057.76 714.76 1,286.57 536.07	600.69
33 14 13 13-0178 EA 36" x 14" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	8,361.98 743.50 1,338.30 557.63	611.80
33 14 13 13-0179 EA 36" x 16" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	8,669.50 771.89 1,389.39 578.91	627.42
33 14 13 13-0180 EA 36" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	9,259.15 826.87 1,488.36 620.15	653.71
33 14 13 13-0181 EA 36" x 20" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	9,889.83 882.03 1,587.65 661.52	705.90
33 14 13 13-0182 EA 36" x 24" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	10,946.90 979.85 1,763.73 734.89	757.93
33 14 13 13-0183 EA 36" x 30" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	12,111.47 1,090.71 1,963.27 818.03	823.90
33 14 13 13-0184 EA 36" x 36" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	14,163.59 1,291.53 2,324.76 968.65	823.90

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0185 EA 42" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	15,982.74 1,502.36 2,704.24 1,126.77	633.04
33 14 13 13-0186 EA 42" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	16,303.04 1,532.70 2,758.87 1,149.53	644.17
33 14 13 13-0187 EA 42" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	18,131.48 1,713.18 3,083.72 1,284.89	659.79
33 14 13 13-0188 EA 42" x 18" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	16,939.57 1,590.01 2,862.01 1,192.50	686.07
33 14 13 13-0189 EA 42" x 20" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	17,018.64 1,590.01 2,862.01 1,192.50	738.27
33 14 13 13-0190 EA 42" x 24" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	17,388.46 1,619.10 2,914.39 1,214.33	790.29
33 14 13 13-0191 EA 42" x 30" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	21,114.68 1,986.13 3,575.03 1,489.59	827.27
33 14 13 13-0192 EA 42" x 36" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	21,992.20 2,069.49 3,725.08 1,552.12	856.22
33 14 13 13-0193 EA 42" x 42" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	23,271.65 2,194.98 3,950.97 1,646.24	872.41
33 14 13 13-0194 EA 48" x 12" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	18,843.88 1,780.66 3,205.18 1,335.49	684.62
33 14 13 13-0195 EA 48" x 14" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	19,182.04 1,812.79 3,263.02 1,359.59	695.73
33 14 13 13-0196 EA 48" x 16" Mechanical Joint Ductile Iron Tee..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	19,660.91 1,858.31 3,344.96 1,393.73	711.36

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0197 EA 48" x 18" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	20,154.16 1,903.65 3,426.57 1,427.74	737.65
33 14 13 13-0198 EA 48" x 20" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	20,688.45 1,949.17 3,508.51 1,461.88	789.83
33 14 13 13-0199 EA 48" x 24" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	20,827.97 1,955.24 3,519.44 1,466.43	841.86
33 14 13 13-0200 EA 48" x 30" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	25,380.72 2,404.91 4,328.85 1,803.69	878.84
33 14 13 13-0201 EA 48" x 36" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	28,959.10 2,758.37 4,965.06 2,068.78	907.79
33 14 13 13-0202 EA 48" x 42" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	30,383.16 2,898.32 5,216.98 2,173.74	923.96
33 14 13 13-0203 EA 48" x 48" Mechanical Joint Ductile Iron Tee..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	30,888.15 2,944.91 5,300.84 2,208.68	949.79
33 14 13 13-0204 Mechanical Joint Ductile Iron Wye (Laterals) <small>(33 14 13 13-0002)</small>		
33 14 13 13-0205 EA 4" x 3" Mechanical Joint Ductile Iron Wye (Lateral)..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	250.17 15.17 27.31 11.38	64.95
33 14 13 13-0206 EA 4" x 4" Mechanical Joint Ductile Iron Wye (Lateral)..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	387.44 28.38 51.09 21.29	68.38
33 14 13 13-0207 EA 6" x 3" Mechanical Joint Ductile Iron Wye (Lateral)..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	369.79 23.92 43.06 17.94	86.19
33 14 13 13-0208 EA 6" x 4" Mechanical Joint Ductile Iron Wye (Lateral)..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	428.73 29.28 52.70 21.96	89.75
33 14 13 13-0209 EA 6" x 6" Mechanical Joint Ductile Iron Wye (Lateral)..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	580.59 42.84 77.12 32.13	100.42

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0210 EA 8" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	748.44	104.01
For Cement Mortar Lining (CML), Add	59.09	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	106.36	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.32	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0211 EA 8" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	668.24	114.69
For Cement Mortar Lining (CML), Add	49.45	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	89.01	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.09	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0212 EA 8" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	809.36	121.81
For Cement Mortar Lining (CML), Add	62.48	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	112.46	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	46.86	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0213 EA 10" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,162.44	110.96
For Cement Mortar Lining (CML), Add	99.43	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	178.98	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	74.57	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0214 EA 10" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,229.46	121.03
For Cement Mortar Lining (CML), Add	104.61	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	188.29	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	78.46	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0215 EA 10" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	1,414.58	127.74
For Cement Mortar Lining (CML), Add	122.10	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	219.78	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	91.58	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0216 EA 10" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	1,593.99	134.23
For Cement Mortar Lining (CML), Add	139.06	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	250.31	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	104.30	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0217 EA 12" x 4" Mechanical Joint Ductile Iron Wye (Lateral)	1,486.24	124.39
For Cement Mortar Lining (CML), Add	129.78	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	233.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	97.33	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0218 EA 12" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	1,681.79	134.44
For Cement Mortar Lining (CML), Add	147.81	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	266.05	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	110.86	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0219 EA 12" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,029.36	141.16
For Cement Mortar Lining (CML), Add	181.55	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	326.78	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	136.16	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0220 EA 12" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,087.38	147.65
For Cement Mortar Lining (CML), Add	186.37	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	335.46	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	139.78	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0221 EA 12" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	1,888.69	154.36
For Cement Mortar Lining (CML), Add	165.48	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	297.87	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	124.11	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0222	EA	14" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,229.56	156.67
			For Cement Mortar Lining (CML), Add	199.22	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	358.59	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	149.41	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0223	EA	14" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,553.93	163.39
			For Cement Mortar Lining (CML), Add	230.64	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	415.15	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	172.98	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0224	EA	14" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	3,340.27	169.87
			For Cement Mortar Lining (CML), Add	308.29	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	554.92	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	231.22	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0225	EA	14" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,578.94	176.58
			For Cement Mortar Lining (CML), Add	331.14	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	596.05	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	248.36	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0226	EA	14" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	3,495.80	187.68
			For Cement Mortar Lining (CML), Add	321.14	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	578.06	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	240.86	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0227	EA	16" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	2,287.62	187.92
			For Cement Mortar Lining (CML), Add	200.29	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	360.52	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	150.22	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0228	EA	16" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	2,519.16	194.64
			For Cement Mortar Lining (CML), Add	222.43	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	400.37	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	166.82	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0229	EA	16" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	2,973.48	201.11
			For Cement Mortar Lining (CML), Add	266.88	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	480.38	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	200.16	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0230	EA	16" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	3,328.18	207.83
			For Cement Mortar Lining (CML), Add	301.33	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	542.39	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	226.00	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0231	EA	16" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,169.73	218.94
			For Cement Mortar Lining (CML), Add	383.80	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	690.84	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	287.85	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0232	EA	16" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,018.47	234.56
			For Cement Mortar Lining (CML), Add	366.31	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	659.35	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	274.73	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0233	EA	18" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	3,607.95	240.50
			For Cement Mortar Lining (CML), Add	324.36	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	583.84	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	243.27	
			Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0234 EA 18" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	3,885.90	247.21
For Cement Mortar Lining (CML), Add	351.13	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	632.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	263.35	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0235 EA 18" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,154.56	253.70
For Cement Mortar Lining (CML), Add	377.02	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	678.63	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	282.76	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0236 EA 18" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	4,446.78	260.41
For Cement Mortar Lining (CML), Add	405.22	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	729.40	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	303.92	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0237 EA 18" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	4,495.74	271.51
For Cement Mortar Lining (CML), Add	408.44	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	735.18	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	306.33	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0238 EA 18" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	4,540.84	287.14
For Cement Mortar Lining (CML), Add	410.58	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	739.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	307.93	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0239 EA 18" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	4,148.68	313.43
For Cement Mortar Lining (CML), Add	367.38	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	661.28	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	275.53	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0240 EA 20" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	4,274.86	344.88
For Cement Mortar Lining (CML), Add	375.23	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	675.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	281.42	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0241 EA 20" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	4,368.94	351.60
For Cement Mortar Lining (CML), Add	383.62	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	690.52	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	287.72	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0242 EA 20" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	4,800.06	358.07
For Cement Mortar Lining (CML), Add	425.75	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	766.35	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	319.31	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0243 EA 20" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	5,227.94	364.79
For Cement Mortar Lining (CML), Add	467.52	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	841.54	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	350.64	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0244 EA 20" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	5,280.48	375.89
For Cement Mortar Lining (CML), Add	471.09	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	847.97	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	353.32	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0245 EA 20" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	5,341.63	391.52
For Cement Mortar Lining (CML), Add	474.84	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	854.72	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	356.13	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0246 EA 20" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	6,191.90	417.80
For Cement Mortar Lining (CML), Add	555.89	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,000.59	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	416.91	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0247 EA 20" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	5,860.41	470.00
For Cement Mortar Lining (CML), Add	514.83	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	926.69	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	386.12	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0248 EA 24" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	5,194.77	448.94
For Cement Mortar Lining (CML), Add	451.46	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	812.62	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	338.59	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0249 EA 24" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	5,262.08	455.65
For Cement Mortar Lining (CML), Add	457.17	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	822.90	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	342.88	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0250 EA 24" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	5,862.78	462.14
For Cement Mortar Lining (CML), Add	516.26	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	929.26	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	387.19	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0251 EA 24" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	6,137.12	468.85
For Cement Mortar Lining (CML), Add	542.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	976.82	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	407.01	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0252 EA 24" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	7,089.37	479.95
For Cement Mortar Lining (CML), Add	636.22	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,145.19	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	477.16	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0253 EA 24" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	7,878.85	495.57
For Cement Mortar Lining (CML), Add	712.80	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,283.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	534.60	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0254 EA 24" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	8,818.38	521.87
For Cement Mortar Lining (CML), Add	802.77	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,444.98	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	602.08	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0255 EA 24" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	9,688.28	574.06
For Cement Mortar Lining (CML), Add	881.85	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,587.33	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	661.39	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0256 EA 24" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	8,588.92	626.09
For Cement Mortar Lining (CML), Add	764.03	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,375.26	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	573.02	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0257 EA 30" x 6" Mechanical Joint Ductile Iron Wye (Lateral)	10,751.41	522.87
For Cement Mortar Lining (CML), Add	995.92	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,792.65	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	746.94	
Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0258 EA 30" x 8" Mechanical Joint Ductile Iron Wye (Lateral)	12,057.59	529.59
For Cement Mortar Lining (CML), Add	1,125.52	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,025.93	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	844.14	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0259 EA 30" x 10" Mechanical Joint Ductile Iron Wye (Lateral)	12,760.05	536.08
For Cement Mortar Lining (CML), Add	1,194.78	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,150.61	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	896.09	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0260 EA 30" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	13,462.84	542.79
For Cement Mortar Lining (CML), Add	1,264.04	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,275.28	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	948.03	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0261 EA 30" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	14,459.71	553.90
For Cement Mortar Lining (CML), Add	1,362.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,451.68	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,021.54	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0262 EA 30" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	15,533.03	569.52
For Cement Mortar Lining (CML), Add	1,467.01	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,640.62	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,100.26	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0263 EA 30" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	15,924.52	595.81
For Cement Mortar Lining (CML), Add	1,502.16	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,703.92	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,126.63	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0264 EA 30" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	16,494.51	648.00
For Cement Mortar Lining (CML), Add	1,551.27	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,792.28	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,163.45	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0265 EA 30" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	17,282.04	700.03
For Cement Mortar Lining (CML), Add	1,622.14	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,919.85	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,216.60	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0266 EA 30" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	18,732.23	737.01
For Cement Mortar Lining (CML), Add	1,761.56	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	3,170.80	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,321.17	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0267 EA 36" x 12" Mechanical Joint Ductile Iron Wye (Lateral)	20,566.10	600.69
For Cement Mortar Lining (CML), Add	1,965.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	3,538.07	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,474.20	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0268 EA 36" x 14" Mechanical Joint Ductile Iron Wye (Lateral)	21,373.72	611.80
For Cement Mortar Lining (CML), Add	2,044.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	3,680.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,533.51	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0269 EA 36" x 16" Mechanical Joint Ductile Iron Wye (Lateral)	22,177.50	627.42
For Cement Mortar Lining (CML), Add	2,122.69	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	3,820.83	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,592.01	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0270	EA	36" x 18" Mechanical Joint Ductile Iron Wye (Lateral)	23,729.33	653.71
			For Cement Mortar Lining (CML), Add	2,273.89	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	4,092.99	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,705.41	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0271	EA	36" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	25,325.76	705.90
			For Cement Mortar Lining (CML), Add	2,425.62	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	4,366.12	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,819.22	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0272	EA	36" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	28,094.77	757.93
			For Cement Mortar Lining (CML), Add	2,694.64	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	4,850.35	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,020.98	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0273	EA	36" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	31,476.45	794.90
			For Cement Mortar Lining (CML), Add	3,027.21	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	5,448.97	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,270.40	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0274	EA	36" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	37,573.67	823.85
			For Cement Mortar Lining (CML), Add	3,632.54	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	6,538.57	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,724.41	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0275	EA	42" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	33,061.52	738.27
			For Cement Mortar Lining (CML), Add	3,194.29	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	5,749.73	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,395.72	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0276	EA	42" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	33,884.75	790.29
			For Cement Mortar Lining (CML), Add	3,268.73	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	5,883.72	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,451.55	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0277	EA	42" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	36,197.15	827.27
			For Cement Mortar Lining (CML), Add	3,494.37	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	6,289.87	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,620.78	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0278	EA	42" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	41,400.02	856.22
			For Cement Mortar Lining (CML), Add	4,010.27	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	7,218.49	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	3,007.70	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0279	EA	42" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	48,839.92	872.39
			For Cement Mortar Lining (CML), Add	4,751.81	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	8,553.26	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	3,563.86	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0280	EA	48" x 20" Mechanical Joint Ductile Iron Wye (Lateral)	32,611.26	789.83
			For Cement Mortar Lining (CML), Add	3,141.45	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	5,654.62	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,356.09	
			Note: ANSI/AWWA C151/A21.51		
33 14 13	13-0281	EA	48" x 24" Mechanical Joint Ductile Iron Wye (Lateral)	36,938.68	841.86
			For Cement Mortar Lining (CML), Add	3,566.31	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	6,419.36	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,674.73	
			Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0282 EA 48" x 30" Mechanical Joint Ductile Iron Wye (Lateral)	39,370.70	878.84
For Cement Mortar Lining (CML), Add	3,803.91	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	6,847.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	2,852.93	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0283 EA 48" x 36" Mechanical Joint Ductile Iron Wye (Lateral)	44,885.94	907.79
For Cement Mortar Lining (CML), Add	4,351.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	7,831.89	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3,263.29	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0284 EA 48" x 42" Mechanical Joint Ductile Iron Wye (Lateral)	58,709.44	923.96
For Cement Mortar Lining (CML), Add	5,730.95	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	10,315.71	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4,298.21	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0285 EA 48" x 48" Mechanical Joint Ductile Iron Wye (Lateral)	64,460.90	949.76
For Cement Mortar Lining (CML), Add	6,302.19	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	11,343.94	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4,726.64	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0286 Mechanical Joint Ductile Iron Cross <small>(33 14 13 13-0002)</small>		
33 14 13 13-0287 EA 3" x 3" Mechanical Joint Ductile Iron Cross	347.70	77.50
For Cement Mortar Lining (CML), Add	23.03	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	41.45	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.27	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0288 EA 4" x 3" Mechanical Joint Ductile Iron Cross	422.32	84.33
For Cement Mortar Lining (CML), Add	29.45	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	53.02	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.09	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0289 EA 4" x 4" Mechanical Joint Ductile Iron Cross	502.61	85.48
For Cement Mortar Lining (CML), Add	37.31	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	67.16	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	27.98	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0290 EA 6" x 3" Mechanical Joint Ductile Iron Cross	599.29	105.66
For Cement Mortar Lining (CML), Add	43.91	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	79.05	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	32.94	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0291 EA 6" x 4" Mechanical Joint Ductile Iron Cross	579.68	113.97
For Cement Mortar Lining (CML), Add	40.70	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	73.26	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	30.53	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0292 EA 6" x 6" Mechanical Joint Ductile Iron Cross	672.83	142.46
For Cement Mortar Lining (CML), Add	45.70	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	82.26	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.27	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0293 EA 8" x 4" Mechanical Joint Ductile Iron Cross	594.10	124.66
For Cement Mortar Lining (CML), Add	40.52	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	72.94	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	30.39	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0294 EA 8" x 6" Mechanical Joint Ductile Iron Cross	705.10	153.15
For Cement Mortar Lining (CML), Add	47.31	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	85.15	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	35.48	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0295 EA 8" x 8" Mechanical Joint Ductile Iron Cross	746.30	163.83
For Cement Mortar Lining (CML), Add	49.81	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	89.65	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	37.35	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0296 EA 10" x 4" Mechanical Joint Ductile Iron Cross	725.03	129.78
For Cement Mortar Lining (CML), Add	52.84	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	95.11	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	39.63	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0297 EA 10" x 6" Mechanical Joint Ductile Iron Cross	829.97	156.62
For Cement Mortar Lining (CML), Add	59.27	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	106.68	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	44.45	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0298 EA 10" x 8" Mechanical Joint Ductile Iron Cross	988.04	166.70
For Cement Mortar Lining (CML), Add	73.55	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	132.38	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	55.16	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0299 EA 10" x 10" Mechanical Joint Ductile Iron Cross	1,069.17	178.98
For Cement Mortar Lining (CML), Add	79.80	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	143.63	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	59.85	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0300 EA 12 x 4" Mechanical Joint Ductile Iron Cross.....	881.19	140.94
For Cement Mortar Lining (CML), Add	66.76	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	120.17	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	50.07	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0301 EA 12" x 6" Mechanical Joint Ductile Iron Cross	1,023.61	167.79
For Cement Mortar Lining (CML), Add	76.94	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	138.49	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	57.70	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0302 EA 12" x 8" Mechanical Joint Ductile Iron Cross	1,483.37	177.87
For Cement Mortar Lining (CML), Add	121.39	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	218.50	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	91.04	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0303 EA 12" x 10" Mechanical Joint Ductile Iron Cross	1,502.04	190.18
For Cement Mortar Lining (CML), Add	121.39	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	218.50	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	91.04	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0304 EA 12" x 12" Mechanical Joint Ductile Iron Cross	1,706.40	201.35
For Cement Mortar Lining (CML), Add	140.13	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	252.24	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	105.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0305 EA 14" x 6" Mechanical Joint Ductile Iron Cross	1,750.58	184.56
For Cement Mortar Lining (CML), Add	147.09	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	264.77	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	110.32	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0306 EA 14" x 8" Mechanical Joint Ductile Iron Cross	2,062.17	194.64
For Cement Mortar Lining (CML), Add	176.73	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	318.11	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	132.55	
Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0307 EA 14" x 10" Mechanical Joint Ductile Iron Cross	2,116.53	206.96
For Cement Mortar Lining (CML), Add	180.30	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	324.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	135.22	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0308 EA 14" x 12" Mechanical Joint Ductile Iron Cross	2,233.42	218.12
For Cement Mortar Lining (CML), Add	190.29	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	342.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	142.72	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0309 EA 14" x 14" Mechanical Joint Ductile Iron Cross	2,471.27	234.90
For Cement Mortar Lining (CML), Add	211.54	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	380.77	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	158.65	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0310 EA 16" x 6" Mechanical Joint Ductile Iron Cross	2,002.15	208.04
For Cement Mortar Lining (CML), Add	168.69	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	303.65	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	126.52	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0311 EA 16" x 8" Mechanical Joint Ductile Iron Cross	2,279.82	218.12
For Cement Mortar Lining (CML), Add	194.94	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	350.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	146.20	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0312 EA 16" x 10" Mechanical Joint Ductile Iron Cross	2,731.52	230.42
For Cement Mortar Lining (CML), Add	238.24	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	428.83	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	178.68	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0313 EA 16" x 12" Mechanical Joint Ductile Iron Cross	3,045.53	241.59
For Cement Mortar Lining (CML), Add	267.95	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	482.30	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	200.96	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0314 EA 16" x 14" Mechanical Joint Ductile Iron Cross	3,681.45	258.37
For Cement Mortar Lining (CML), Add	329.00	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	592.20	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	246.75	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0315 EA 16" x 16" Mechanical Joint Ductile Iron Cross	4,311.45	281.89
For Cement Mortar Lining (CML), Add	388.44	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	699.20	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	291.33	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0316 EA 18" x 6" Mechanical Joint Ductile Iron Cross	3,319.95	246.00
For Cement Mortar Lining (CML), Add	294.72	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	530.50	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	221.04	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0317 EA 18" x 8" Mechanical Joint Ductile Iron Cross	3,510.16	256.08
For Cement Mortar Lining (CML), Add	312.22	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	561.99	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	234.16	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0318 EA 18" x 10" Mechanical Joint Ductile Iron Cross	3,675.19	268.38
For Cement Mortar Lining (CML), Add	326.86	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	588.34	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	245.14	
Note: ANSI/AWWA C151/A21.51		

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MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0319 EA 18" x 12" Mechanical Joint Ductile Iron Cross	3,984.88	279.56
For Cement Mortar Lining (CML), Add	356.13	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	641.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	267.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0320 EA 18" x 14" Mechanical Joint Ductile Iron Cross	4,651.14	296.33
For Cement Mortar Lining (CML), Add	420.22	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	756.39	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	315.16	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0321 EA 18" x 16" Mechanical Joint Ductile Iron Cross	4,950.91	319.79
For Cement Mortar Lining (CML), Add	446.64	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	803.95	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	334.98	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0322 EA 18" x 18" Mechanical Joint Ductile Iron Cross	5,183.38	357.75
For Cement Mortar Lining (CML), Add	464.13	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	835.44	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	348.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0323 EA 20" x 6" Mechanical Joint Ductile Iron Cross	4,173.58	308.66
For Cement Mortar Lining (CML), Add	370.59	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	667.06	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	277.94	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0324 EA 20" x 8" Mechanical Joint Ductile Iron Cross	4,365.57	318.73
For Cement Mortar Lining (CML), Add	388.26	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	698.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	291.20	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0325 EA 20" x 10" Mechanical Joint Ductile Iron Cross	4,500.25	331.04
For Cement Mortar Lining (CML), Add	399.87	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	719.76	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	299.90	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0326 EA 20" x 12" Mechanical Joint Ductile Iron Cross	4,808.15	342.21
For Cement Mortar Lining (CML), Add	428.96	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	772.14	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	321.72	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0327 EA 20" x 14" Mechanical Joint Ductile Iron Cross	4,892.47	358.99
For Cement Mortar Lining (CML), Add	434.86	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	782.74	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	326.14	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0328 EA 20" x 16" Mechanical Joint Ductile Iron Cross	5,920.57	382.46
For Cement Mortar Lining (CML), Add	534.11	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	961.39	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	400.58	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0329 EA 20" x 18" Mechanical Joint Ductile Iron Cross	6,153.02	420.42
For Cement Mortar Lining (CML), Add	551.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	992.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	413.70	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0330 EA 20" x 20" Mechanical Joint Ductile Iron Cross	6,656.75	483.03
For Cement Mortar Lining (CML), Add	592.48	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,066.47	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	444.36	
Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0331 EA 24" x 6" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,692.25 510.72 919.30 383.04	386.11
33 14 13 13-0332 EA 24" x 8" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	5,825.64 522.51 940.51 391.88	396.19
33 14 13 13-0333 EA 24" x 10" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	6,047.48 542.86 977.14 407.14	408.50
33 14 13 13-0334 EA 24" x 12" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	6,239.35 560.35 1,008.63 420.26	419.67
33 14 13 13-0335 EA 24" x 14" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	6,352.23 569.10 1,024.37 426.82	436.44
33 14 13 13-0336 EA 24" x 16" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	6,593.09 589.63 1,061.33 442.22	459.92
33 14 13 13-0337 EA 24" x 18" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	8,723.13 796.88 1,434.38 597.66	497.87
33 14 13 13-0338 EA 24" x 20" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	9,196.52 834.72 1,502.50 626.04	560.53
33 14 13 13-0339 EA 24" x 24" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	10,131.46 916.48 1,649.67 687.36	638.01
33 14 13 13-0340 EA 30" x 8" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	10,901.28 1,012.34 1,822.22 759.26	513.38
33 14 13 13-0341 EA 30" x 10" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	11,118.07 1,032.16 1,857.88 774.12	525.70
33 14 13 13-0342 EA 30" x 12" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	11,331.38 1,051.79 1,893.23 788.84	536.87

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0343 EA 30" x 14" Mechanical Joint Ductile Iron Cross	11,583.49	553.65
For Cement Mortar Lining (CML), Add	1,074.46	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,934.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	805.85	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0344 EA 30" x 16" Mechanical Joint Ductile Iron Cross	11,872.54	577.12
For Cement Mortar Lining (CML), Add	1,099.81	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,979.66	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	824.86	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0345 EA 30" x 18" Mechanical Joint Ductile Iron Cross	12,212.10	615.08
For Cement Mortar Lining (CML), Add	1,128.02	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,030.43	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	846.01	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0346 EA 30" x 20" Mechanical Joint Ductile Iron Cross	12,644.44	677.74
For Cement Mortar Lining (CML), Add	1,161.76	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,091.16	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	871.32	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0347 EA 30" x 24" Mechanical Joint Ductile Iron Cross	16,262.41	755.19
For Cement Mortar Lining (CML), Add	1,511.82	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,721.27	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,133.86	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0348 EA 30" x 30" Mechanical Joint Ductile Iron Cross	18,699.95	872.41
For Cement Mortar Lining (CML), Add	1,737.81	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	3,128.07	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,303.36	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0349 EA 36" x 8" Mechanical Joint Ductile Iron Cross	15,226.03	556.59
For Cement Mortar Lining (CML), Add	1,438.27	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,588.89	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,078.70	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0350 EA 36" x 10" Mechanical Joint Ductile Iron Cross	15,441.05	568.90
For Cement Mortar Lining (CML), Add	1,457.91	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,624.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,093.43	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0351 EA 36" x 12" Mechanical Joint Ductile Iron Cross	15,625.78	580.08
For Cement Mortar Lining (CML), Add	1,474.69	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,654.44	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,106.02	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0352 EA 36" x 14" Mechanical Joint Ductile Iron Cross	15,847.55	596.85
For Cement Mortar Lining (CML), Add	1,494.32	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,689.78	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,120.74	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0353 EA 36" x 16" Mechanical Joint Ductile Iron Cross	16,108.04	620.32
For Cement Mortar Lining (CML), Add	1,516.82	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,730.27	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,137.61	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0354 EA 36" x 18" Mechanical Joint Ductile Iron Cross	16,417.26	658.28
For Cement Mortar Lining (CML), Add	1,541.99	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,775.58	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	1,156.49	
Note: ANSI/AWWA C151/A21.51		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0355 EA 36" x 20" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	16,821.03 1,572.87 2,831.16 1,179.65	720.94
33 14 13 13-0356 EA 36" x 24" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	17,527.47 1,631.78 2,937.20 1,223.83	798.40
33 14 13 13-0357 EA 36" x 30" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	23,620.94 2,223.37 4,002.06 1,667.53	915.59
33 14 13 13-0358 EA 36" x 36" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	25,957.07 2,450.43 4,410.78 1,837.83	958.84
33 14 13 13-0359 EA 42" x 12" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	20,447.75 1,953.10 3,515.58 1,464.83	605.05
33 14 13 13-0360 EA 42" x 14" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	23,125.40 2,218.32 3,992.98 1,663.74	621.83
33 14 13 13-0361 EA 42" x 16" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	20,910.38 1,993.27 3,587.88 1,494.95	645.30
33 14 13 13-0362 EA 42" x 18" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	21,183.90 2,014.87 3,626.76 1,511.15	683.26
33 14 13 13-0363 EA 42" x 20" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	21,573.37 2,044.32 3,679.77 1,533.24	745.92
33 14 13 13-0364 EA 42" x 24" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	22,228.06 2,098.05 3,776.49 1,573.54	823.38
33 14 13 13-0365 EA 42" x 30" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	28,467.90 2,704.28 4,867.70 2,028.21	940.58
33 14 13 13-0366 EA 42" x 36" Mechanical Joint Ductile Iron Cross <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	37,200.12 3,570.95 6,427.72 2,678.22	983.78

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0367	EA	42" x 42" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	39,865.66 3,833.72 6,900.70 2,875.29	1,008.78
33 14 13 13-0368	EA	48" x 12" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	27,654.60 2,658.76 4,785.76 1,994.07	704.23
33 14 13 13-0369	EA	48" x 14" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	27,840.68 2,674.82 4,814.68 2,006.12	721.01
33 14 13 13-0370	EA	48" x 16" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	28,090.46 2,696.25 4,853.24 2,022.18	744.49
33 14 13 13-0371	EA	48" x 18" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	28,362.18 2,717.67 4,891.80 2,038.25	782.44
33 14 13 13-0372	EA	48" x 20" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	28,726.69 2,744.62 4,940.32 2,058.47	845.10
33 14 13 13-0373	EA	48" x 24" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	29,352.80 2,795.50 5,031.90 2,096.62	922.55
33 14 13 13-0374	EA	48" x 30" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	31,060.23 2,948.48 5,307.27 2,211.36	1,039.76
33 14 13 13-0375	EA	48" x 36" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	38,073.37 3,643.25 6,557.85 2,732.44	1,082.96
33 14 13 13-0376	EA	48" x 42" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	48,977.25 4,729.85 8,513.74 3,547.39	1,107.94
33 14 13 13-0377	EA	48" x 48" Mechanical Joint Ductile Iron Cross For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	52,158.65 5,032.97 9,059.34 3,774.73	1,207.07
33 14 13 13-0378		Mechanical Joint x Mechanical Joint Ductile Iron Reducers (33 14 13 13-0002)		
33 14 13 13-0379	EA	4" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	167.43 10.35 18.64 7.77	42.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0380 EA 6" x 3" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	194.33	52.85
<i>For Cement Mortar Lining (CML), Add</i>	11.43	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	20.57	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	8.57	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0381 EA 6" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	210.22	56.27
<i>For Cement Mortar Lining (CML), Add</i>	12.50	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	22.49	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	9.37	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0382 EA 8" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	267.53	63.41
<i>For Cement Mortar Lining (CML), Add</i>	17.14	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	30.85	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	12.85	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0383 EA 8" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	294.32	74.08
<i>For Cement Mortar Lining (CML), Add</i>	18.21	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	32.77	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	13.66	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0384 EA 10" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	323.48	66.22
<i>For Cement Mortar Lining (CML), Add</i>	22.31	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	40.17	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	16.74	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0385 EA 10" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	351.22	76.28
<i>For Cement Mortar Lining (CML), Add</i>	23.56	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	42.42	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	17.67	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0386 EA 10" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	384.60	83.00
<i>For Cement Mortar Lining (CML), Add</i>	25.88	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	46.59	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	19.41	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0387 EA 12" x 4" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	392.55	72.93
<i>For Cement Mortar Lining (CML), Add</i>	28.21	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	50.77	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	21.15	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0388 EA 12" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	436.36	83.00
<i>For Cement Mortar Lining (CML), Add</i>	31.06	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	55.91	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	23.30	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0389 EA 12" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	455.47	89.72
<i>For Cement Mortar Lining (CML), Add</i>	31.95	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	57.52	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	23.97	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0390 EA 12" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	499.21	96.20
<i>For Cement Mortar Lining (CML), Add</i>	35.35	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	63.62	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	26.51	
<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13 13-0391 EA 14" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	831.64	94.11
<i>For Cement Mortar Lining (CML), Add</i>	68.91	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	124.03	
<i>Note: ANSI/AWWA C104/A21.4</i>		
<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	51.68	
<i>Note: ANSI/AWWA C151/A21.51</i>		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0392	EA	14" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	806.11 65.34 117.60 49.00	100.83
33 14 13	13-0393	EA	14" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	719.55 55.70 100.25 41.77	107.31
33 14 13	13-0394	EA	14" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	756.49 58.37 105.07 43.78	114.02
33 14 13	13-0395	EA	16" x 6" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	976.70 81.04 145.88 60.78	109.73
33 14 13	13-0396	EA	16" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	956.53 78.01 140.42 58.51	116.45
33 14 13	13-0397	EA	16" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	937.80 75.15 135.28 56.37	122.94
33 14 13	13-0398	EA	16" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,017.58 82.12 147.81 61.59	129.65
33 14 13	13-0399	EA	16" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,132.60 91.93 165.48 68.95	140.75
33 14 13	13-0400	EA	18" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,217.71 100.15 180.26 75.11	142.73
33 14 13	13-0401	EA	18" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,366.78 114.07 205.32 85.55	149.22
33 14 13	13-0402	EA	18" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,316.26 108.00 194.40 81.00	155.93
33 14 13	13-0403	EA	18" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,395.57 114.25 205.65 85.69	167.04

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0404 EA 18" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,469.22	182.67
For Cement Mortar Lining (CML), Add	119.25	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	214.64	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	89.43	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0405 EA 20" x 8" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,719.88	194.93
For Cement Mortar Lining (CML), Add	142.45	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	256.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	106.84	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0406 EA 20" x 10" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,647.58	201.41
For Cement Mortar Lining (CML), Add	134.24	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	241.63	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	100.68	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0407 EA 20" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,516.72	208.12
For Cement Mortar Lining (CML), Add	120.14	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	216.25	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	90.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0408 EA 20" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,524.63	219.23
For Cement Mortar Lining (CML), Add	119.25	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	214.64	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	89.43	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0409 EA 20" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,573.28	234.86
For Cement Mortar Lining (CML), Add	121.75	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	219.14	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	91.31	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0410 EA 20" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,889.82	261.14
For Cement Mortar Lining (CML), Add	149.42	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	268.95	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	112.06	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0411 EA 24" x 12" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,234.63	260.14
For Cement Mortar Lining (CML), Add	184.05	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	331.28	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	138.03	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0412 EA 24" x 14" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,297.86	271.26
For Cement Mortar Lining (CML), Add	188.69	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	339.64	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	141.52	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0413 EA 24" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,346.53	286.88
For Cement Mortar Lining (CML), Add	191.19	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	344.13	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	143.39	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0414 EA 24" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,302.46	313.17
For Cement Mortar Lining (CML), Add	182.80	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	329.03	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	137.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0415 EA 24" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,817.10	365.37
For Cement Mortar Lining (CML), Add	226.35	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	407.44	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	169.76	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-0416	EA	30" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,641.09	323.85
			<i>For Cement Mortar Lining (CML), Add</i>	415.04	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	747.07	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	311.28	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0417	EA	30" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,845.16	350.15
			<i>For Cement Mortar Lining (CML), Add</i>	431.46	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	776.64	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	323.60	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0418	EA	30" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,685.03	402.33
			<i>For Cement Mortar Lining (CML), Add</i>	407.54	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	733.58	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	305.66	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0419	EA	30" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,569.27	454.37
			<i>For Cement Mortar Lining (CML), Add</i>	388.09	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	698.55	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	291.06	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0420	EA	36" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	6,967.42	431.28
			<i>For Cement Mortar Lining (CML), Add</i>	631.40	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	1,136.51	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	473.55	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0421	EA	36" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,744.91	483.31
			<i>For Cement Mortar Lining (CML), Add</i>	501.26	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	902.27	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	375.95	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0422	EA	36" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	6,240.07	520.28
			<i>For Cement Mortar Lining (CML), Add</i>	545.18	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	981.32	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	408.88	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0423	EA	42" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	9,084.80	368.99
			<i>For Cement Mortar Lining (CML), Add</i>	852.57	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	1,534.63	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	639.43	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0424	EA	42" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	9,046.09	395.27
			<i>For Cement Mortar Lining (CML), Add</i>	844.72	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	1,520.49	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	633.54	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0425	EA	42" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	9,096.61	447.46
			<i>For Cement Mortar Lining (CML), Add</i>	841.86	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	1,515.35	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	631.40	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0426	EA	42" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	10,151.89	499.49
			<i>For Cement Mortar Lining (CML), Add</i>	939.51	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	1,691.12	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	704.63	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-0427	EA	42" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	8,354.96	536.46
			<i>For Cement Mortar Lining (CML), Add</i>	754.21	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	1,357.58	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	565.66	
			<i>Note: ANSI/AWWA C151/A21.51</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0428 EA 42" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	8,745.14	565.41
For Cement Mortar Lining (CML), Add	788.85	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,419.92	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	591.63	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0429 EA 48" x 16" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	12,254.97	394.77
For Cement Mortar Lining (CML), Add	1,165.68	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,098.23	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	874.26	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0430 EA 48" x 18" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	11,877.09	421.06
For Cement Mortar Lining (CML), Add	1,123.91	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,023.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	842.93	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0431 EA 48" x 20" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	11,313.51	473.25
For Cement Mortar Lining (CML), Add	1,059.65	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,907.36	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	794.74	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0432 EA 48" x 24" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	11,661.91	525.28
For Cement Mortar Lining (CML), Add	1,086.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,955.89	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	814.95	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0433 EA 48" x 30" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	13,943.96	562.25
For Cement Mortar Lining (CML), Add	1,309.21	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,356.57	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	981.91	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0434 EA 48" x 36" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	12,200.92	591.21
For Cement Mortar Lining (CML), Add	1,130.52	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,034.93	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	847.89	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0435 EA 48" x 42" Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	13,400.04	607.38
For Cement Mortar Lining (CML), Add	1,247.98	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	2,246.36	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	935.98	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0436 Mechanical Joint Ductile Iron Caps <small>(33 14 13 13-0002)</small>		
33 14 13 13-0437 EA 3" Mechanical Joint Ductile Iron Caps	181.31	89.03
For Cement Mortar Lining (CML), Add	4.64	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	8.35	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.48	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0438 EA 4" Mechanical Joint Ductile Iron Caps	206.48	104.47
For Cement Mortar Lining (CML), Add	4.82	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	8.68	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.62	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0439 EA 6" Mechanical Joint Ductile Iron Caps	283.54	130.58
For Cement Mortar Lining (CML), Add	8.57	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	15.42	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.43	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0440 EA 8" Mechanical Joint Ductile Iron Caps	368.93	149.25
For Cement Mortar Lining (CML), Add	14.28	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	25.71	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.71	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0441 EA 10" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	519.27 18.03 32.45 13.52	223.72
33 14 13 13-0442 EA 12" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	639.34 26.96 48.52 20.22	244.06
33 14 13 13-0443 EA 14" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	815.56 40.88 73.58 30.66	268.47
33 14 13 13-0444 EA 16" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	999.99 54.80 98.65 41.10	298.26
33 14 13 13-0445 EA 18" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,177.88 66.94 120.50 50.21	335.58
33 14 13 13-0446 EA 20" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,446.87 86.58 155.84 64.93	383.48
33 14 13 13-0447 EA 24" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	1,866.84 118.89 214.00 89.17	447.44
33 14 13 13-0448 EA 30" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	3,532.27 271.87 489.37 203.91	536.93
33 14 13 13-0449 EA 36" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	5,961.69 494.48 890.06 370.86	671.16
33 14 13 13-0450 EA 42" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	8,719.58 749.93 1,349.87 562.45	805.40
33 14 13 13-0451 EA 48" Mechanical Joint Ductile Iron Caps For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	10,392.16 903.63 1,626.53 677.72	894.88
33 14 13 13-0452 Mechanical Joint Ductile Iron Plug (33 14 13 13-0002)		
33 14 13 13-0453 EA 3" Mechanical Joint Ductile Iron Plug..... For Cement Mortar Lining (CML), Add Note: ANSI/AWWA C104/A21.4 For Fusion Bonded Epoxy Lining (206N), Add Note: ANSI/AWWA C104/A21.4 For Bituminous Or Coal Tar Coating, 1 Mil, Add Note: ANSI/AWWA C151/A21.51	188.45 5.36 9.64 4.02	89.03

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0454 EA 4" Mechanical Joint Ductile Iron Plug.....	217.19	104.47
For Cement Mortar Lining (CML), Add	5.89	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	10.60	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	4.42	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0455 EA 6" Mechanical Joint Ductile Iron Plug.....	312.10	130.58
For Cement Mortar Lining (CML), Add	11.43	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	20.57	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.57	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0456 EA 8" Mechanical Joint Ductile Iron Plug.....	397.49	149.25
For Cement Mortar Lining (CML), Add	17.14	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	30.85	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.85	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0457 EA 10" Mechanical Joint Ductile Iron Plug.....	635.30	223.72
For Cement Mortar Lining (CML), Add	29.63	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	53.34	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.22	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0458 EA 12" Mechanical Joint Ductile Iron Plug.....	671.48	244.06
For Cement Mortar Lining (CML), Add	30.17	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	54.30	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	22.63	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0459 EA 14" Mechanical Joint Ductile Iron Plug.....	1,020.85	268.47
For Cement Mortar Lining (CML), Add	61.41	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	110.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	46.06	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0460 EA 16" Mechanical Joint Ductile Iron Plug.....	530.51	298.26
For Cement Mortar Lining (CML), Add	7.86	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	14.14	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.89	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0461 EA 18" Mechanical Joint Ductile Iron Plug.....	1,483.14	335.58
For Cement Mortar Lining (CML), Add	97.47	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	175.44	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	73.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0462 EA 20" Mechanical Joint Ductile Iron Plug.....	1,862.81	383.48
For Cement Mortar Lining (CML), Add	128.17	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	230.71	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	96.13	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0463 EA 24" Mechanical Joint Ductile Iron Plug.....	2,455.93	447.44
For Cement Mortar Lining (CML), Add	177.80	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	320.04	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	133.35	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0464 EA 30" Mechanical Joint Ductile Iron Plug.....	4,342.71	536.93
For Cement Mortar Lining (CML), Add	352.92	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	635.25	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	264.69	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0465 EA 36" Mechanical Joint Ductile Iron Plug.....	6,468.67	671.16
For Cement Mortar Lining (CML), Add	545.18	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	981.32	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	408.88	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0466 EA 42" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	8,783.84 756.36 1,361.44 567.27	805.40
33 14 13 13-0467 EA 48" Mechanical Joint Ductile Iron Plug..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	11,438.24 1,008.24 1,814.82 756.18	894.88
33 14 13 13-0468 Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters (33 14 13 13-0002)		
33 14 13 13-0469 EA 3" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	321.08 11.60 20.89 8.70	135.33
33 14 13 13-0470 EA 4" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	362.38 12.50 22.49 9.37	156.70
33 14 13 13-0471 EA 6" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	469.94 17.32 31.17 12.99	195.88
33 14 13 13-0472 EA 8" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	601.59 26.24 47.23 19.68	223.83
33 14 13 13-0473 EA 10" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	965.45 45.70 82.26 34.27	335.58
33 14 13 13-0474 EA 12" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,140.19 58.55 105.39 43.91	366.09
33 14 13 13-0475 EA 14" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,540.20 93.01 167.41 69.75	402.70
33 14 13 13-0476 EA 16" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,740.10 106.22 191.19 79.66	447.44
33 14 13 13-0477 EA 18" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,387.14 162.45 292.40 121.83	503.37
33 14 13 13-0478 EA 20" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters..... <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,806.71 193.51 348.31 145.13	575.26

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0479 EA 24" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,400.05	671.16
For Cement Mortar Lining (CML), Add	238.31	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	428.97	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	178.74	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0480 EA 30" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	5,606.33	805.40
For Cement Mortar Lining (CML), Add	438.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	789.49	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	328.95	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0481 EA 36" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	7,810.78	1,006.75
For Cement Mortar Lining (CML), Add	628.54	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,131.37	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	471.41	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0482 EA 42" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	10,506.42	1,150.53
For Cement Mortar Lining (CML), Add	876.32	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,577.37	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	657.24	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0483 EA 48" Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	13,008.75	1,342.32
For Cement Mortar Lining (CML), Add	1,097.49	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,975.49	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	823.12	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0484 Mechanical Joint Ductile Iron Long Sleeves <small>(33 14 13 13-0002)</small>		
33 14 13 13-0485 EA 3" Mechanical Joint Ductile Iron Long Sleeves.....	303.23	135.33
For Cement Mortar Lining (CML), Add	9.82	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	17.67	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.36	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0486 EA 4" Mechanical Joint Ductile Iron Long Sleeves.....	353.45	156.70
For Cement Mortar Lining (CML), Add	11.60	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	20.89	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.70	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0487 EA 6" Mechanical Joint Ductile Iron Long Sleeves.....	491.36	195.88
For Cement Mortar Lining (CML), Add	19.46	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	35.02	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	14.59	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0488 EA 8" Mechanical Joint Ductile Iron Long Sleeves.....	658.72	223.83
For Cement Mortar Lining (CML), Add	31.95	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	57.52	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	23.97	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0489 EA 10" Mechanical Joint Ductile Iron Long Sleeves.....	888.69	335.58
For Cement Mortar Lining (CML), Add	38.02	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	68.44	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	28.52	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0490 EA 12" Mechanical Joint Ductile Iron Long Sleeves.....	1,068.78	366.09
For Cement Mortar Lining (CML), Add	51.41	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	92.54	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	38.56	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0491 EA 14" Mechanical Joint Ductile Iron Long Sleeves.....	1,386.68	402.70
For Cement Mortar Lining (CML), Add	77.65	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	139.78	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	58.24	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0492 EA 16" Mechanical Joint Ductile Iron Long Sleeves	1,661.55	447.44
For Cement Mortar Lining (CML), Add	98.36	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	177.05	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	73.77	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0493 EA 18" Mechanical Joint Ductile Iron Long Sleeves	2,021.19	503.37
For Cement Mortar Lining (CML), Add	125.85	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	226.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	94.39	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0494 EA 20" Mechanical Joint Ductile Iron Long Sleeves	2,390.78	575.26
For Cement Mortar Lining (CML), Add	151.91	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	273.45	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	113.94	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0495 EA 24" Mechanical Joint Ductile Iron Long Sleeves	3,018.03	671.16
For Cement Mortar Lining (CML), Add	200.11	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	360.20	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	150.08	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0496 EA 30" Mechanical Joint Ductile Iron Long Sleeves	5,411.75	805.40
For Cement Mortar Lining (CML), Add	419.15	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	754.46	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	314.36	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0497 EA 36" Mechanical Joint Ductile Iron Long Sleeves	7,410.91	1,006.75
For Cement Mortar Lining (CML), Add	588.55	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,059.40	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	441.42	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0498 EA 42" Mechanical Joint Ductile Iron Long Sleeves	9,613.67	1,149.21
For Cement Mortar Lining (CML), Add	787.24	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,417.03	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	590.43	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0499 EA 48" Mechanical Joint Ductile Iron Long Sleeves	13,092.65	1,342.32
For Cement Mortar Lining (CML), Add	1,105.88	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	1,990.59	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	829.41	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-0500 Mechanical Joint Ductile Iron Gland Packs <small>(33 14 13 13-0002)</small>		
Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts.		
33 14 13 13-0501 Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts <small>(33 14 13 13-0500)</small>		
Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0502 EA 3" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	35.70	
33 14 13 13-0503 EA 4" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	58.03	
Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0504 EA 6" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	70.12	
Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0505 EA 8" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	82.21	
Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0506 EA 10" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	113.65	
Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0507 EA 12" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	120.90	
Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0508 EA 14" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	198.28	
Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0509 EA 16" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	210.37	
Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0510 EA 18" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	280.49	
Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0511 EA 20" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	362.70	
Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0512 EA 24" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	505.36	
Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.		
33 14 13 13-0513 EA 30" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	1,206.58	
Note: Includes twenty (20) 1" diameter plain finish Boltss with nut.		
33 14 13 13-0514 EA 36" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	2,601.77	
Note: Includes twenty-four (24) 1" diameter plain finish Boltss with nut.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0515 EA 42" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-eight (28) 1-1/4" diameter plain finish Boltss with nut.	3,798.68	
33 14 13 13-0516 EA 48" Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes thirty-two (32) 1-1/4" diameter plain finish Boltss with nut.	4,661.90	
33 14 13 13-0517 Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts (33 14 13 13-0500) Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0518 EA 3" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts	60.69	
33 14 13 13-0519 EA 4" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	82.21	
33 14 13 13-0520 EA 6" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	103.97	
33 14 13 13-0521 EA 8" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	113.65	
33 14 13 13-0522 EA 10" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	157.17	
33 14 13 13-0523 EA 12" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	164.42	
33 14 13 13-0524 EA 14" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	249.05	
33 14 13 13-0525 EA 16" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	273.23	
33 14 13 13-0526 EA 18" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	362.70	
33 14 13 13-0527 EA 20" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	469.09	
33 14 13 13-0528 EA 24" Mechanical Joint Gland, Gasket, Star Blue Fluoropolymer Coated T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	655.28	
33 14 13 13-0529 Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts (33 14 13 13-0500) Note: Labor installation is included with pipe fittings or valves.		
33 14 13 13-0530 EA 3" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts	39.27	
33 14 13 13-0531 EA 4" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes four (4) 3/4" diameter plain finish Boltss with nut.	62.87	
33 14 13 13-0532 EA 6" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	74.96	
33 14 13 13-0533 EA 8" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes six (6) 3/4" diameter plain finish Boltss with nut.	89.47	
33 14 13 13-0534 EA 10" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	123.32	
33 14 13 13-0535 EA 12" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes eight (8) 3/4" diameter plain finish Boltss with nut.	130.57	
33 14 13 13-0536 EA 14" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes ten (10) 3/4" diameter plain finish Boltss with nut.	215.20	
33 14 13 13-0537 EA 16" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	227.29	
33 14 13 13-0538 EA 18" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twelve (12) 3/4" diameter plain finish Boltss with nut.	307.09	
33 14 13 13-0539 EA 20" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes fourteen (14) 3/4" diameter plain finish Boltss with nut.	394.13	
33 14 13 13-0540 EA 24" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes sixteen (16) 3/4" diameter plain finish Boltss with nut.	551.30	
33 14 13 13-0541 EA 30" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty (20) 1" diameter plain finish Boltss with nut.	1,320.23	
33 14 13 13-0542 EA 36" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-four (24) 1" diameter plain finish Boltss with nut.	2,925.78	
33 14 13 13-0543 EA 42" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes twenty-eight (28) 1-1/4" diameter plain finish Boltss with nut.	4,236.34	
33 14 13 13-0544 EA 48" Epoxy Coated Mechanical Joint Gland, Gasket, T-Head Bolts And Nuts Note: Includes thirty-two (32) 1-1/4" diameter plain finish Boltss with nut.	5,213.21	
33 14 13 13-0545 Mechanical Joint Restraints With Accessories For Ductile Iron Pipe (MEGALUG® 1100DEC Series) (33 14 13 13-0002) Note: Includes ductile iron retainer gland, gasket, break off torque bolts and all nuts and bolts. Excludes pipe and fitting.		
33 14 13 13-0546 EA 3" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1103DSC).....	194.87	67.89
33 14 13 13-0547 EA 4" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1104DEC).....	221.78	80.40
33 14 13 13-0548 EA 6" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1106DEC).....	275.16	99.50
33 14 13 13-0549 EA 8" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1108DEC).....	344.73	116.12
33 14 13 13-0550 EA 10" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1110DEC).....	495.49	167.79
33 14 13 13-0551 EA 12" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1112DEC).....	613.97	191.78
33 14 13 13-0552 EA 14" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1114DEC).....	718.42	206.43
33 14 13 13-0553 EA 16" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1116DEC).....	891.63	223.72
33 14 13 13-0554 EA 18" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1118DEC).....	1,147.93	268.47
33 14 13 13-0555 EA 20" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1120DEC).....	1,358.74	298.16
33 14 13 13-0556 EA 24" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1124DEC).....	1,773.36	344.02
33 14 13 13-0557 EA 30" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1130DEC).....	3,495.18	412.56
33 14 13 13-0558 EA 36" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1136DEC).....	4,314.80	516.28
33 14 13 13-0559 EA 42" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1142DEC).....	6,402.10	595.71

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0560 EA 48" Mechanical Joint Restraints For Ductile Iron Pipe (MEGALUG® 1148DEC).....	8,197.93	766.15
33 14 13 13-0561 Mechanical Joint Ductile Iron Force Balanced Flexible Expansion Joint (FLEX-TEND®) (33 14 13 13-0002)		
33 14 13 13-0562 EA 3" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	4,419.70	55.56
33 14 13 13-0563 EA 4" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	4,599.72	69.45
33 14 13 13-0564 EA 6" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	6,674.36	102.63
33 14 13 13-0565 EA 8" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	9,073.56	121.74
33 14 13 13-0566 EA 10" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	11,439.47	133.93
33 14 13 13-0567 EA 12" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	15,262.46	157.12
33 14 13 13-0568 EA 14" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	18,805.24	176.18
33 14 13 13-0569 EA 16" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	22,249.04	201.35
33 14 13 13-0570 EA 18" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	25,071.95	281.89
33 14 13 13-0571 EA 20" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	33,735.42	352.36
33 14 13 13-0572 EA 24" Mechanical Joint Ductile Iron FLEX-TEND® Force Balanced Flexible Expansion Joint.....	46,748.36	469.82
33 14 13 13-0573 Set Screw Flange Adapter For Ductile Iron Pipe (E-Z Flange 1000DSM Series) (33 14 13 13-0002)		
Note: Includes machined bolts and gasket.		
33 14 13 13-0574 EA 3" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1003DSM).....	193.39	67.89
33 14 13 13-0575 EA 4" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1004DSM).....	249.33	80.40
33 14 13 13-0576 EA 6" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1006DSM).....	322.93	99.50
33 14 13 13-0577 EA 8" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1008DSM).....	368.16	116.12
33 14 13 13-0578 EA 10" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1010DSM).....	650.80	178.07
33 14 13 13-0579 EA 12" E-Z Flange Set Screw Flange Adapter For Ductile Iron Pipe (EBAA Iron 1012DSM).....	736.22	203.54
33 14 13 13-0580 Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 2100 Series) (33 14 13 13-0002)		
Note: Includes nuts, bolts and gasket.		
33 14 13 13-0581 EA 3" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210300).....	286.98	67.89
33 14 13 13-0582 EA 4" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210400).....	357.61	80.40
33 14 13 13-0583 EA 6" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210600).....	497.02	99.50
33 14 13 13-0584 EA 8" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 210800).....	723.17	116.12
33 14 13 13-0585 EA 10" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211000).....	1,046.06	178.07
33 14 13 13-0586 EA 12" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211200).....	1,303.53	203.54
33 14 13 13-0587 EA 14" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211400).....	2,023.94	219.08
33 14 13 13-0588 EA 16" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211600).....	2,847.86	237.42
33 14 13 13-0589 EA 18" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 211800).....	3,218.46	284.91
33 14 13 13-0590 EA 20" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212000).....	3,554.93	316.43
33 14 13 13-0591 EA 24" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 212400).....	4,303.49	365.10
33 14 13 13-0592 EA 30" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213000).....	5,541.93	437.84
33 14 13 13-0593 EA 36" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 213600).....	8,294.92	547.91
33 14 13 13-0594 EA 42" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214200).....	21,766.86	632.20
33 14 13 13-0595 EA 48" Restrained Flange Adapter For Ductile Iron Pipe (MEGAFLANGE® 214800).....	27,879.71	813.08
33 14 13 13-0596 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Piping (33 14 13 13-0001)		
Note: . See CSI section 33 14 13 13-0500 for bolts and gaskets.		
33 14 13 13-0597 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow (33 14 13 13-0596)		
33 14 13 13-0598 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	438.94	38.75
33 14 13 13-0599 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	525.36	46.41
33 14 13 13-0600 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	815.87	67.99
33 14 13 13-0601 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,117.33	80.94
33 14 13 13-0602 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,534.78	89.49
33 14 13 13-0603 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	1,947.32	104.74
33 14 13 13-0604 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	2,773.51	117.96
33 14 13 13-0605 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	3,366.61	134.23
33 14 13 13-0606 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	4,063.79	188.13
33 14 13 13-0607 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	5,065.05	234.90
33 14 13 13-0608 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	7,164.64	313.21
33 14 13 13-0609 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	11,499.44	335.58
33 14 13 13-0610 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	16,961.62	348.80
33 14 13 13-0611 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	27,974.25	402.70
33 14 13 13-0612 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 90 Degree Elbow	36,610.34	428.12
33 14 13 13-0613 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow (33 14 13 13-0596)		
33 14 13 13-0614 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	419.30	38.75
33 14 13 13-0615 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	491.44	46.41
33 14 13 13-0616 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	756.96	67.99
33 14 13 13-0617 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,026.29	80.94
33 14 13 13-0618 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,341.99	89.49
33 14 13 13-0619 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	1,774.16	104.74

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0620 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,402.21	117.96
33 14 13 13-0621 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	2,877.49	134.23
33 14 13 13-0622 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	3,397.94	188.13
33 14 13 13-0623 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	4,124.29	234.90
33 14 13 13-0624 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	5,434.86	313.21
33 14 13 13-0625 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	10,041.00	335.58
33 14 13 13-0626 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	13,903.71	348.80
33 14 13 13-0627 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	20,680.25	402.70
33 14 13 13-0628 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 45 Degree Elbow	26,488.71	428.12
33 14 13 13-0629 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow <small>(33 14 13 13-0596)</small>		
33 14 13 13-0630 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	324.69	38.75
33 14 13 13-0631 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	486.08	46.41
33 14 13 13-0632 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	735.54	67.99
33 14 13 13-0633 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,019.15	80.94
33 14 13 13-0634 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,340.21	89.49
33 14 13 13-0635 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	1,670.63	104.74
33 14 13 13-0636 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,416.49	117.96
33 14 13 13-0637 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	2,813.23	134.23
33 14 13 13-0638 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	3,381.87	188.13
33 14 13 13-0639 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	4,272.45	234.90
33 14 13 13-0640 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	5,317.04	313.21
33 14 13 13-0641 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	8,928.87	335.58
33 14 13 13-0642 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	12,207.85	348.80
33 14 13 13-0643 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	17,486.67	402.70
33 14 13 13-0644 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 22-1/2 Degree Elbow	22,406.14	428.12
33 14 13 13-0645 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow <small>(33 14 13 13-0596)</small>		
33 14 13 13-0646 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	324.69	38.75
33 14 13 13-0647 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	584.26	46.41
33 14 13 13-0648 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	742.68	67.99
33 14 13 13-0649 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	987.02	80.94
33 14 13 13-0650 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,336.64	89.49
33 14 13 13-0651 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	1,622.43	104.74
33 14 13 13-0652 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,603.93	117.96
33 14 13 13-0653 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	2,900.70	134.23
33 14 13 13-0654 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	3,888.85	188.13
33 14 13 13-0655 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	4,118.93	234.90
33 14 13 13-0656 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	5,318.83	313.21
33 14 13 13-0657 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	9,046.69	335.58
33 14 13 13-0658 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	11,870.46	348.80
33 14 13 13-0659 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	17,004.69	402.70
33 14 13 13-0660 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron 11-1/4 Degree Elbow	22,277.61	428.12
33 14 13 13-0661 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow <small>(33 14 13 13-0596)</small>		
33 14 13 13-0662 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	383.60	38.75
33 14 13 13-0663 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	566.41	46.41
33 14 13 13-0664 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	883.71	67.99
33 14 13 13-0665 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,203.02	80.94
33 14 13 13-0666 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	1,659.74	89.49
33 14 13 13-0667 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	2,084.77	104.74
33 14 13 13-0668 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	3,760.69	117.96
33 14 13 13-0669 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	5,878.28	134.23
33 14 13 13-0670 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	6,711.12	188.13
33 14 13 13-0671 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	7,732.02	234.90
33 14 13 13-0672 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 90 Degree Elbow	8,349.96	313.21
33 14 13 13-0673 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow <small>(33 14 13 13-0596)</small>		
33 14 13 13-0674 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	383.60	38.75
33 14 13 13-0675 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow	498.57	46.41

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0676 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	785.53	67.99
33 14 13 13-0677 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,113.76	80.94
33 14 13 13-0678 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,479.45	89.49
33 14 13 13-0679 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	1,927.68	104.74
33 14 13 13-0680 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	2,573.58	117.96
33 14 13 13-0681 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	3,093.49	134.23
33 14 13 13-0682 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	5,800.71	188.13
33 14 13 13-0683 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	6,078.99	234.90
33 14 13 13-0684 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Plain End (MJxPE) Ductile Iron 45 Degree Elbow.....	6,318.49	313.21

33 14 13 13-0685 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee (33 14 13 13-0596)

33 14 13 13-0686 EA 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	539.71	58.12
33 14 13 13-0687 EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	588.41	65.53
33 14 13 13-0688 EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	621.29	67.99
33 14 13 13-0689 EA 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	887.47	86.19
33 14 13 13-0690 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	962.48	89.57
33 14 13 13-0691 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,014.37	100.36
33 14 13 13-0692 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,182.23	103.61
33 14 13 13-0693 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,278.75	114.39
33 14 13 13-0694 EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,407.38	121.95
33 14 13 13-0695 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,590.87	110.84
33 14 13 13-0696 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,586.48	121.01
33 14 13 13-0697 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,719.84	128.13
33 14 13 13-0698 EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,856.40	134.23
33 14 13 13-0699 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,916.46	124.06
33 14 13 13-0700 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	1,931.71	134.23
33 14 13 13-0701 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,090.05	141.35
33 14 13 13-0702 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,412.27	147.45
33 14 13 13-0703 EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,417.08	154.57
33 14 13 13-0704 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,741.89	156.60
33 14 13 13-0705 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	2,968.07	163.73
33 14 13 13-0706 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,608.04	169.82
33 14 13 13-0707 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,809.22	176.95
33 14 13 13-0708 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,524.36	188.13
33 14 13 13-0709 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,280.06	188.13
33 14 13 13-0710 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,458.13	194.23
33 14 13 13-0711 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,155.23	201.35
33 14 13 13-0712 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	3,894.07	207.45
33 14 13 13-0713 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,090.85	218.64
33 14 13 13-0714 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,598.63	234.90
33 14 13 13-0715 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,307.72	241.01
33 14 13 13-0716 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,544.61	247.11
33 14 13 13-0717 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,845.40	253.21
33 14 13 13-0718 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,123.34	260.33
33 14 13 13-0719 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,263.35	271.51
33 14 13 13-0720 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,624.40	286.77
33 14 13 13-0721 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,280.11	313.21
33 14 13 13-0722 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	4,938.93	344.73
33 14 13 13-0723 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,022.30	351.85
33 14 13 13-0724 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,524.82	357.95
33 14 13 13-0725 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,799.18	365.07
33 14 13 13-0726 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,855.29	376.26
33 14 13 13-0727 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,777.20	391.51
33 14 13 13-0728 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	7,402.22	417.95
33 14 13 13-0729 EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,288.83	469.82
33 14 13 13-0730 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	5,989.15	448.46
33 14 13 13-0731 EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,045.75	456.60
33 14 13 13-0732 EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,155.54	461.68
33 14 13 13-0733 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	6,319.21	468.79
33 14 13 13-0734 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	7,198.26	479.98
33 14 13 13-0735 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	7,509.33	495.24
33 14 13 13-0736 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	9,259.31	521.68
33 14 13 13-0737 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	9,552.61	574.55
33 14 13 13-0738 EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	8,944.16	626.42
33 14 13 13-0739 EA 30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	10,535.41	522.69
33 14 13 13-0740 EA 30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	10,024.34	529.81
33 14 13 13-0741 EA 30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	10,600.05	535.91
33 14 13 13-0742 EA 30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	11,177.89	543.03
33 14 13 13-0743 EA 30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	11,998.03	554.22
33 14 13 13-0744 EA 30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	12,882.12	737.26
33 14 13 13-0745 EA 30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	12,818.42	595.91
33 14 13 13-0746 EA 30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	12,792.17	647.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0747 EA 30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	13,322.64	699.64
33 14 13 13-0748 EA 30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	15,924.24	737.26
33 14 13 13-0749 EA 36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	10,863.61	587.77
33 14 13 13-0750 EA 36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	12,169.42	593.88
33 14 13 13-0751 EA 36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	12,874.01	600.99
33 14 13 13-0752 EA 36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	13,371.03	612.18
33 14 13 13-0753 EA 36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	13,869.55	627.44
33 14 13 13-0754 EA 36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	14,830.51	653.88
33 14 13 13-0755 EA 36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	15,832.49	705.74
33 14 13 13-0756 EA 36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	17,548.28	757.60
33 14 13 13-0757 EA 36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	19,832.12	823.70
33 14 13 13-0758 EA 36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	22,871.42	823.70
33 14 13 13-0759 EA 42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	26,111.51	633.53
33 14 13 13-0760 EA 42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	26,637.10	643.70
33 14 13 13-0761 EA 42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	29,306.33	659.98
33 14 13 13-0762 EA 42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	33,419.80	686.42
33 14 13 13-0763 EA 42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	33,498.87	738.28
33 14 13 13-0764 EA 42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	27,668.96	790.14
33 14 13 13-0765 EA 42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	28,158.76	827.77
33 14 13 13-0766 EA 42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	34,925.39	856.24
33 14 13 13-0767 EA 42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	36,820.71	872.51
33 14 13 13-0768 EA 48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	30,463.23	684.38
33 14 13 13-0769 EA 48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	31,010.25	695.57
33 14 13 13-0770 EA 48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	31,787.23	711.83
33 14 13 13-0771 EA 48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	32,575.02	737.26
33 14 13 13-0772 EA 48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	33,407.43	790.14
33 14 13 13-0773 EA 48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	33,586.22	842.01
33 14 13 13-0774 EA 48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	36,068.23	878.61
33 14 13 13-0775 EA 48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	28,959.10	908.10
33 14 13 13-0776 EA 48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	36,366.88	924.38
33 14 13 13-0777 EA 48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Tee.....	48,517.99	949.79

33 14 13 13-0778

Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Laterals) (33 14 13 13-0596)

33 14 13 13-0779 EA 3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	605.40	64.95
33 14 13 13-0780 EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	667.88	64.95
33 14 13 13-0781 EA 4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	785.53	67.99
33 14 13 13-0782 EA 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	864.26	86.19
33 14 13 13-0783 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	966.05	89.57
33 14 13 13-0784 EA 6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,183.96	100.36
33 14 13 13-0785 EA 8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,562.46	103.61
33 14 13 13-0786 EA 8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,435.84	114.39
33 14 13 13-0787 EA 8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	1,616.24	121.95
33 14 13 13-0788 EA 10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,303.13	110.84
33 14 13 13-0789 EA 10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,396.93	121.01
33 14 13 13-0790 EA 10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,683.80	128.13
33 14 13 13-0791 EA 10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,931.04	134.23
33 14 13 13-0792 EA 12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	2,814.37	124.06
33 14 13 13-0793 EA 12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,193.79	134.23
33 14 13 13-0794 EA 12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,785.92	141.35
33 14 13 13-0795 EA 12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,786.81	147.45
33 14 13 13-0796 EA 12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	3,488.15	154.57
33 14 13 13-0797 EA 14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,155.71	156.60
33 14 13 13-0798 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,783.54	163.73
33 14 13 13-0799 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,319.64	169.82
33 14 13 13-0800 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,779.66	176.95
33 14 13 13-0801 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,600.12	188.13
33 14 13 13-0802 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,317.31	188.13
33 14 13 13-0803 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	4,773.77	194.23
33 14 13 13-0804 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,677.94	201.35
33 14 13 13-0805 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	5,857.70	207.45
33 14 13 13-0806 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,270.48	218.64
33 14 13 13-0807 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,865.73	234.90
33 14 13 13-0808 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,128.54	241.01
33 14 13 13-0809 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	6,615.35	247.11
33 14 13 13-0810 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,085.73	253.21
33 14 13 13-0811 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,595.73	260.33
33 14 13 13-0812 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,669.69	271.51
33 14 13 13-0813 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,752.27	286.77
33 14 13 13-0814 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,004.87	313.21
33 14 13 13-0815 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,191.75	344.73
33 14 13 13-0816 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	7,350.09	351.85
33 14 13 13-0817 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,109.67	357.95
33 14 13 13-0818 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,862.44	365.07
33 14 13 13-0819 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,941.76	376.26
33 14 13 13-0820 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,033.26	391.51
33 14 13 13-0821 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,511.89	417.95
33 14 13 13-0822 EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,862.65	469.82
33 14 13 13-0823 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,704.31	448.46
33 14 13 13-0824 EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	8,816.26	455.57
33 14 13 13-0825 EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	9,875.73	461.68

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 13-0826	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	10,355.36	468.79
33 14 13 13-0827	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	12,034.15	479.98
33 14 13 13-0828	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	13,419.87	495.24
33 14 13 13-0829	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	15,057.38	521.68
33 14 13 13-0830	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	16,543.14	574.55
33 14 13 13-0831	EA	24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	14,528.02	626.42
33 14 13 13-0832	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	18,493.48	522.69
33 14 13 13-0833	EA	30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	20,806.46	529.81
33 14 13 13-0834	EA	30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	22,046.24	535.91
33 14 13 13-0835	EA	30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	23,288.15	543.03
33 14 13 13-0836	EA	30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	25,047.25	554.22
33 14 13 13-0837	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	26,936.37	569.47
33 14 13 13-0838	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	27,600.99	595.91
33 14 13 13-0839	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	28,553.00	647.77
33 14 13 13-0840	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	29,890.34	699.64
33 14 13 13-0841	EA	30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	32,424.10	737.26
33 14 13 13-0842	EA	36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	35,844.94	600.99
33 14 13 13-0843	EA	36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	37,266.65	612.18
33 14 13 13-0844	EA	36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	38,677.37	627.44
33 14 13 13-0845	EA	36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	41,403.80	653.88
33 14 13 13-0846	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	44,180.20	705.74
33 14 13 13-0847	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	49,039.58	757.60
33 14 13 13-0848	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	55,006.12	795.23
33 14 13 13-0849	EA	36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	65,808.91	823.70
33 14 13 13-0850	EA	42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	57,890.75	738.28
33 14 13 13-0851	EA	42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	59,292.37	790.14
33 14 13 13-0852	EA	42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	63,357.75	827.77
33 14 13 13-0853	EA	42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	72,571.79	856.24
33 14 13 13-0854	EA	42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	85,775.84	872.51
33 14 13 13-0855	EA	48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	57,029.92	790.14
33 14 13 13-0856	EA	48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	64,659.81	842.01
33 14 13 13-0857	EA	48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	68,937.64	878.61
33 14 13 13-0858	EA	48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	78,706.83	908.10
33 14 13 13-0859	EA	48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	103,255.33	924.38
33 14 13 13-0860	EA	48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Wye (Lateral)	113,446.37	949.79

33 14 13 13-0861 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee

(33 14 13 13-0596)

33 14 13 13-0862	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,080.42	100.36
33 14 13 13-0863	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,346.58	114.39
33 14 13 13-0864	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	1,943.51	121.01
33 14 13 13-0865	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,238.75	134.23
33 14 13 13-0866	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	2,968.60	156.60
33 14 13 13-0867	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	3,617.54	188.13
33 14 13 13-0868	EA	18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	4,263.09	241.01
33 14 13 13-0869	EA	20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	5,722.59	344.73
33 14 13 13-0870	EA	24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	6,668.87	448.46
33 14 13 13-0871	EA	30" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Hydrant Tee	12,211.64	522.69

33 14 13 13-0872 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross

(33 14 13 13-0596)

33 14 13 13-0873	EA	3" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	597.62	77.50
33 14 13 13-0874	EA	4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	750.79	84.33
33 14 13 13-0875	EA	4" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	945.32	85.26
33 14 13 13-0876	EA	6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	997.37	105.69
33 14 13 13-0877	EA	6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,170.55	114.39
33 14 13 13-0878	EA	6" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,286.91	142.46
33 14 13 13-0879	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,242.10	125.19
33 14 13 13-0880	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,461.99	153.25
33 14 13 13-0881	EA	8" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,442.50	164.04
33 14 13 13-0882	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,464.07	130.16
33 14 13 13-0883	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,636.84	156.60
33 14 13 13-0884	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,952.00	166.77
33 14 13 13-0885	EA	10" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,115.25	178.98
33 14 13 13-0886	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	1,891.57	141.35
33 14 13 13-0887	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,187.50	167.79
33 14 13 13-0888	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,375.93	177.96
33 14 13 13-0889	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	2,778.40	190.16
33 14 13 13-0890	EA	12" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,179.12	201.35
33 14 13 13-0891	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,296.49	184.06

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-0892 EA 14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,918.69	194.23
33 14 13 13-0893 EA 14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,010.54	207.45
33 14 13 13-0894 EA 14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,232.75	217.61
33 14 13 13-0895 EA 14" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,693.74	234.90
33 14 13 13-0896 EA 16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	3,689.09	208.46
33 14 13 13-0897 EA 16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	4,229.17	217.61
33 14 13 13-0898 EA 16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,113.61	230.84
33 14 13 13-0899 EA 16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	5,724.99	242.03
33 14 13 13-0900 EA 16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,969.64	258.29
33 14 13 13-0901 EA 16" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,269.39	281.68
33 14 13 13-0902 EA 18" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,417.14	246.10
33 14 13 13-0903 EA 18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	6,791.22	256.26
33 14 13 13-0904 EA 18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,109.77	268.47
33 14 13 13-0905 EA 18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	7,728.28	279.65
33 14 13 13-0906 EA 18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,067.53	295.93
33 14 13 13-0907 EA 18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,643.99	319.31
33 14 13 13-0908 EA 18" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	10,060.33	357.95
33 14 13 13-0909 EA 20" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,068.71	309.14
33 14 13 13-0910 EA 20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,446.35	318.29
33 14 13 13-0911 EA 20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	8,702.42	331.51
33 14 13 13-0912 EA 20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,315.58	342.70
33 14 13 13-0913 EA 20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	9,462.38	358.97
33 14 13 13-0914 EA 20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,532.99	382.35
33 14 13 13-0915 EA 20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,949.31	419.99
33 14 13 13-0916 EA 20" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,883.25	483.03
33 14 13 13-0917 EA 24" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,060.10	386.42
33 14 13 13-0918 EA 24" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,316.67	396.60
33 14 13 13-0919 EA 24" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	11,752.72	408.80
33 14 13 13-0920 EA 24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,128.46	419.99
33 14 13 13-0921 EA 24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,332.38	436.25
33 14 13 13-0922 EA 24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	12,789.24	459.64
33 14 13 13-0923 EA 24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,097.12	498.29
33 14 13 13-0924 EA 24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,968.60	560.32
33 14 13 13-0925 EA 24" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,763.96	637.60
33 14 13 13-0926 EA 30" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,197.39	513.54
33 14 13 13-0927 EA 30" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,537.37	525.75
33 14 13 13-0928 EA 30" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	17,872.06	536.93
33 14 13 13-0929 EA 30" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,265.19	553.20
33 14 13 13-0930 EA 30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	18,713.12	577.61
33 14 13 13-0931 EA 30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,227.62	615.23
33 14 13 13-0932 EA 30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	19,868.82	677.27
33 14 13 13-0933 EA 30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	25,664.64	755.57
33 14 13 13-0934 EA 30" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	29,507.07	872.51
33 14 13 13-0935 EA 36" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	21,171.27	556.25
33 14 13 13-0936 EA 36" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	24,507.67	568.45
33 14 13 13-0937 EA 36" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	24,797.72	579.63
33 14 13 13-0938 EA 36" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	25,140.88	596.92
33 14 13 13-0939 EA 36" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	25,540.62	620.31
33 14 13 13-0940 EA 36" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,006.92	657.95
33 14 13 13-0941 EA 36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	26,603.49	720.99
33 14 13 13-0942 EA 36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	27,675.88	798.27
33 14 13 13-0943 EA 36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	37,448.48	915.22
33 14 13 13-0944 EA 36" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	41,196.64	958.95
33 14 13 13-0945 EA 42" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	32,593.70	605.06
33 14 13 13-0946 EA 42" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	33,270.68	621.34
33 14 13 13-0947 EA 42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	33,657.92	645.74
33 14 13 13-0948 EA 42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	34,192.07	683.36
33 14 13 13-0949 EA 42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	35,158.14	746.41
33 14 13 13-0950 EA 42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	37,226.63	823.70
33 14 13 13-0951 EA 42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	45,285.52	940.64
33 14 13 13-0952 EA 42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	59,408.80	983.36
33 14 13 13-0953 EA 42" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	63,707.72	1,008.78
33 14 13 13-0954 EA 48" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	44,190.16	704.72
33 14 13 13-0955 EA 48" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	44,476.21	720.99
33 14 13 13-0956 EA 48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	44,858.09	744.37
33 14 13 13-0957 EA 48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	45,263.69	782.01
33 14 13 13-0958 EA 48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	45,796.01	845.05
33 14 13 13-0959 EA 48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	46,738.08	922.34
33 14 13 13-0960 EA 48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	49,396.98	1,039.29
33 14 13 13-0961 EA 48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	60,731.90	1,083.01
33 14 13 13-0962 EA 48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	78,392.46	1,108.43
33 14 13 13-0963 EA 48" x 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Cross	83,458.95	1,207.07
33 14 13 13-0964 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x		
Mechanical Joint Ductile Iron Reducers (33 14 13 13-0596)		
33 14 13 13-0965 EA 4" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	429.84	42.16
33 14 13 13-0966 EA 6" x 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	603.12	52.85
33 14 13 13-0967 EA 6" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer	663.64	56.12

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR			TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 14 13 13-0968	EA	8" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	874.47	63.67
33 14 13 13-0969	EA	8" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	906.62	74.47
33 14 13 13-0970	EA	10" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,073.23	66.09
33 14 13 13-0971	EA	10" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,120.60	76.27
33 14 13 13-0972	EA	10" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,164.70	83.38
33 14 13 13-0973	EA	12" x 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,242.27	73.22
33 14 13 13-0974	EA	12" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,373.55	83.38
33 14 13 13-0975	EA	12" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,394.44	89.49
33 14 13 13-0976	EA	12" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,456.04	96.61
33 14 13 13-0977	EA	14" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,161.55	94.58
33 14 13 13-0978	EA	14" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,171.73	100.67
33 14 13 13-0979	EA	14" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,883.45	107.80
33 14 13 13-0980	EA	14" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	1,920.39	113.90
33 14 13 13-0981	EA	16" x 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,592.24	109.83
33 14 13 13-0982	EA	16" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,511.37	116.95
33 14 13 13-0983	EA	16" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,353.40	123.05
33 14 13 13-0984	EA	16" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,322.50	129.15
33 14 13 13-0985	EA	16" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,628.53	140.34
33 14 13 13-0986	EA	18" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	2,810.04	142.37
33 14 13 13-0987	EA	18" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,173.32	149.49
33 14 13 13-0988	EA	18" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,026.40	155.59
33 14 13 13-0989	EA	18" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,625.18	166.77
33 14 13 13-0990	EA	18" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,161.51	183.04
33 14 13 13-0991	EA	20" x 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,740.63	195.25
33 14 13 13-0992	EA	20" x 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,768.30	201.35
33 14 13 13-0993	EA	20" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,414.30	208.46
33 14 13 13-0994	EA	20" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,407.93	219.65
33 14 13 13-0995	EA	20" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,317.34	234.90
33 14 13 13-0996	EA	20" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	3,930.21	261.35
33 14 13 13-0997	EA	24" x 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,707.02	260.33
33 14 13 13-0998	EA	24" x 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,773.82	271.51
33 14 13 13-0999	EA	24" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,854.63	286.77
33 14 13 13-1000	EA	24" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	4,769.50	313.21
33 14 13 13-1001	EA	24" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	5,500.14	365.07
33 14 13 13-1002	EA	30" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	8,641.55	323.38
33 14 13 13-1003	EA	30" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	9,004.48	349.81
33 14 13 13-1004	EA	30" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	8,651.57	402.70
33 14 13 13-1005	EA	30" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	7,291.58	454.56
33 14 13 13-1006	EA	36" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	11,396.30	431.17
33 14 13 13-1007	EA	36" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	10,562.95	483.03
33 14 13 13-1008	EA	36" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	11,275.89	520.66
33 14 13 13-1009	EA	42" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	16,958.97	369.14
33 14 13 13-1010	EA	42" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	16,848.85	395.58

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1011 EA 42" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	16,872.59	447.44
33 14 13 13-1012 EA 42" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	17,520.86	499.30
33 14 13 13-1013 EA 42" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	14,270.85	536.93
33 14 13 13-1014 EA 42" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	14,932.36	565.40
33 14 13 13-1015 EA 48" x 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	21,398.36	394.56
33 14 13 13-1016 EA 48" x 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	20,692.01	421.00
33 14 13 13-1017 EA 48" x 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	19,625.03	472.86
33 14 13 13-1018 EA 48" x 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	20,184.07	525.75
33 14 13 13-1019 EA 48" x 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	24,211.97	562.36
33 14 13 13-1020 EA 48" x 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	20,899.81	590.83
33 14 13 13-1021 EA 48" x 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Mechanical Joint Ductile Iron Reducer.....	23,002.20	607.09
33 14 13 13-1022 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps <small>(33 14 13 13-0596)</small>		
33 14 13 13-1023 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	379.46	89.03
33 14 13 13-1024 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	458.18	104.68
33 14 13 13-1025 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	676.26	130.58
33 14 13 13-1026 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	913.39	148.93
33 14 13 13-1027 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,204.75	223.72
33 14 13 13-1028 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,530.12	244.06
33 14 13 13-1029 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	1,742.04	268.47
33 14 13 13-1030 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,128.19	297.95
33 14 13 13-1031 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	2,497.08	335.58
33 14 13 13-1032 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	3,017.78	383.38
33 14 13 13-1033 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	3,882.24	447.44
33 14 13 13-1034 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	7,123.93	536.93
33 14 13 13-1035 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	11,738.34	671.16
33 14 13 13-1036 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	16,965.05	805.40
33 14 13 13-1037 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Caps.....	20,219.24	894.88
33 14 13 13-1038 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug <small>(33 14 13 13-0596)</small>		
33 14 13 13-1039 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	381.25	89.03
33 14 13 13-1040 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	476.03	104.68
33 14 13 13-1041 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	722.68	130.58
33 14 13 13-1042 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	959.80	148.93
33 14 13 13-1043 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,470.74	223.72
33 14 13 13-1044 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	1,590.81	244.06
33 14 13 13-1045 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,129.41	268.47
33 14 13 13-1046 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	2,576.25	297.95
33 14 13 13-1047 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	3,070.11	335.58
33 14 13 13-1048 EA 20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	3,792.52	383.38
33 14 13 13-1049 EA 24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	4,985.44	447.44
33 14 13 13-1050 EA 30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	8,648.42	536.93
33 14 13 13-1051 EA 36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	12,686.24	671.16
33 14 13 13-1052 EA 42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	17,084.65	805.40
33 14 13 13-1053 EA 48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Plug.....	22,755.90	894.88
33 14 13 13-1054 Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters <small>(33 14 13 13-0596)</small>		
33 14 13 13-1055 EA 3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	513.88	135.33
33 14 13 13-1056 EA 4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	685.49	156.48
33 14 13 13-1057 EA 6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	948.35	196.42
33 14 13 13-1058 EA 8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,254.95	223.40
33 14 13 13-1059 EA 10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	1,843.73	335.58
33 14 13 13-1060 EA 12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,211.27	366.09
33 14 13 13-1061 EA 14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	2,912.95	402.70
33 14 13 13-1062 EA 16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	3,309.22	447.44
33 14 13 13-1063 EA 18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters.....	4,365.05	503.37

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1064	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	5,064.89	575.58
33 14 13 13-1065	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	6,138.42	671.16
33 14 13 13-1066	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	9,726.39	805.40
33 14 13 13-1067	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	13,255.39	1,006.75
33 14 13 13-1068	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	18,096.76	1,150.13
33 14 13 13-1069	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint x Flanged End (MJxFE) Ductile Iron Adapters	22,516.30	1,342.32
33 14 13 13-1070		Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves <small>(33 14 13 13-0596)</small>		
33 14 13 13-1071	EA	3" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	535.30	135.33
33 14 13 13-1072	EA	4" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	658.71	156.48
33 14 13 13-1073	EA	6" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	978.70	196.42
33 14 13 13-1074	EA	8" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,337.06	223.40
33 14 13 13-1075	EA	10" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	1,729.48	335.58
33 14 13 13-1076	EA	12" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,104.16	366.09
33 14 13 13-1077	EA	14" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	2,684.46	402.70
33 14 13 13-1078	EA	16" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,187.83	447.44
33 14 13 13-1079	EA	18" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	3,815.24	503.37
33 14 13 13-1080	EA	20" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	4,445.45	575.58
33 14 13 13-1081	EA	24" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	5,570.75	671.16
33 14 13 13-1082	EA	30" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	9,431.84	805.40
33 14 13 13-1083	EA	36" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	12,271.79	1,006.75
33 14 13 13-1084	EA	42" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	16,020.46	1,149.11
33 14 13 13-1085	EA	48" Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Mechanical Joint Ductile Iron Long Sleeves	23,899.76	1,342.32
33 14 13 13-1086		Push-On Joint Ductile Iron Piping <small>(33 14 13 13-0001)</small>		
33 14 13 13-1087		Push-On Joint Ductile Iron Pipe <small>(33 14 13 13-1086)</small>		
		Note: Conforming to ANSI/AWWA C151/A21.51, federal specification WW-P-421D.		
33 14 13 13-1088	LF	4", Class 50, Push-On Joint Ductile Iron Pipe.....	34.28	8.90
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	14.55	
		For Cement Mortar Lining (CML), Add	2.08	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	11.23	
		For Fusion Bonded Epoxy Lining (206N), Add	3.74	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.56	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-1.71	
		For Class 51, Add	3.00	
		For Class 52, Add	6.47	
		For Class 53, Add	11.65	
		For Class 54, Add	16.61	
		For Class 55, Add	19.11	
		For Class 56, Add	21.56	
33 14 13 13-1089	LF	6", Class 50, Push-On Joint Ductile Iron Pipe.....	37.59	9.82
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	15.97	
		For Cement Mortar Lining (CML), Add	2.28	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	12.32	
		For Fusion Bonded Epoxy Lining (206N), Add	4.11	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	1.71	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-1.88	
		For Class 51, Add	3.29	
		For Class 52, Add	7.10	
		For Class 53, Add	12.78	
		For Class 54, Add	18.22	
		For Class 55, Add	20.96	
		For Class 56, Add	23.66	
33 14 13 13-1090	LF	8", Class 50, Push-On Joint Ductile Iron Pipe.....	47.38	10.79
		For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	21.83	
		For Cement Mortar Lining (CML), Add	3.12	
		Note: ANSI/AWWA C104/A21.4		
		For 40 Mil Ceramic Epoxy Lining (P401), Add	16.84	
		For Fusion Bonded Epoxy Lining (206N), Add	5.61	
		Note: ANSI/AWWA C104/A21.4		
		For Bituminous Or Coal Tar Coating, 1 Mil, Add	2.34	
		Note: ANSI/AWWA C151/A21.51		
		For >1,000, Deduct	-2.37	
		For Class 51, Add	4.45	
		For Class 52, Add	9.61	
		For Class 53, Add	17.32	
		For Class 54, Add	24.71	
		For Class 55, Add	28.41	
		For Class 56, Add	32.05	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1091 LF 10", Class 50, Push-On Joint Ductile Iron Pipe.....	66.87	15.15
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	26.39	
For Cement Mortar Lining (CML), Add	4.40	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	22.00	
For Fusion Bonded Epoxy Lining (206N), Add	7.92	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.30	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-3.34	
For Class 51, Add	6.28	
For Class 52, Add	13.55	
For Class 53, Add	24.43	
For Class 54, Add	34.86	
For Class 55, Add	40.08	
For Class 56, Add	45.20	
33 14 13 13-1092 LF 12", Class 50, Push-On Joint Ductile Iron Pipe.....	77.88	16.78
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	26.23	
For Cement Mortar Lining (CML), Add	5.25	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	20.98	
For Fusion Bonded Epoxy Lining (206N), Add	9.44	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	3.93	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-3.89	
For Class 51, Add	7.47	
For Class 52, Add	16.11	
For Class 53, Add	29.06	
For Class 54, Add	41.47	
For Class 55, Add	47.67	
For Class 56, Add	53.75	
33 14 13 13-1093 LF 14", Class 50, Push-On Joint Ductile Iron Pipe.....	95.43	18.92
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	29.42	
For Cement Mortar Lining (CML), Add	6.69	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	22.73	
For Fusion Bonded Epoxy Lining (206N), Add	12.03	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	5.01	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-4.77	
For Class 51, Add	9.47	
For Class 52, Add	20.44	
For Class 53, Add	36.90	
For Class 54, Add	52.67	
For Class 55, Add	60.52	
For Class 56, Add	68.23	
33 14 13 13-1094 LF 16", Class 50, Push-On Joint Ductile Iron Pipe.....	113.36	21.56
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	33.10	
For Cement Mortar Lining (CML), Add	8.07	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	25.02	
For Fusion Bonded Epoxy Lining (206N), Add	14.53	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	6.05	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-5.67	
For Class 51, Add	11.41	
For Class 52, Add	24.64	
For Class 53, Add	44.48	
For Class 54, Add	63.50	
For Class 55, Add	72.95	
For Class 56, Add	82.24	
33 14 13 13-1095 LF 18", Class 50, Push-On Joint Ductile Iron Pipe.....	131.89	25.22
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	38.44	
For Cement Mortar Lining (CML), Add	9.38	
Note: ANSI/AWWA C104/A21.4		
For 40 Mil Ceramic Epoxy Lining (P401), Add	29.06	
For Fusion Bonded Epoxy Lining (206N), Add	16.88	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.03	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-6.59	
For Class 51, Add	13.25	
For Class 52, Add	28.62	
For Class 53, Add	51.67	
For Class 54, Add	73.76	
For Class 55, Add	84.74	
For Class 56, Add	95.53	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-1096	LF	20", Class 50, Push-On Joint Ductile Iron Pipe.....	151.81	30.20
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	40.30	
			For Cement Mortar Lining (CML), Add	10.61	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	29.69	
			For Fusion Bonded Epoxy Lining (206N), Add	19.09	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	7.95	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-7.59	
			For Class 51, Add	15.03	
			For Class 52, Add	32.44	
			For Class 53, Add	58.55	
			For Class 54, Add	83.56	
			For Class 55, Add	96.02	
			For Class 56, Add	108.26	
33 14 13	13-1097	LF	24", Class 50, Push-On Joint Ductile Iron Pipe.....	192.18	37.72
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	41.83	
			For Cement Mortar Lining (CML), Add	13.49	
			Note: ANSI/AWWA C104/A21.4		
			For 40 Mil Ceramic Epoxy Lining (P401), Add	28.34	
			For Fusion Bonded Epoxy Lining (206N), Add	24.29	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	10.12	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-9.61	
			For Class 51, Add	19.11	
			For Class 52, Add	41.25	
			For Class 53, Add	74.46	
			For Class 54, Add	106.27	
			For Class 55, Add	122.11	
			For Class 56, Add	137.67	
33 14 13	13-1098	LF	30", Class 50, Push-On Joint Ductile Iron Pipe.....	228.94	40.27
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	52.06	
			For Cement Mortar Lining (CML), Add	16.79	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	30.23	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.59	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-11.45	
			For Class 51, Add	23.65	
			For Class 52, Add	51.08	
			For Class 53, Add	92.28	
			For Class 54, Add	131.75	
			For Class 55, Add	151.34	
			For Class 56, Add	170.57	
33 14 13	13-1099	LF	36", Class 50, Push-On Joint Ductile Iron Pipe.....	285.96	42.81
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	68.53	
			For Cement Mortar Lining (CML), Add	22.11	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	39.79	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	16.58	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-14.30	
			For Class 51, Add	30.94	
			For Class 52, Add	66.86	
			For Class 53, Add	120.91	
			For Class 54, Add	172.68	
			For Class 55, Add	198.27	
			For Class 56, Add	223.40	
33 14 13	13-1100	LF	42", Class 50, Push-On Joint Ductile Iron Pipe.....	350.54	45.35
			For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	87.39	
			For Cement Mortar Lining (CML), Add	28.19	
			Note: ANSI/AWWA C104/A21.4		
			For Fusion Bonded Epoxy Lining (206N), Add	50.74	
			Note: ANSI/AWWA C104/A21.4		
			For Bituminous Or Coal Tar Coating, 1 Mil, Add	21.14	
			Note: ANSI/AWWA C151/A21.51		
			For >1,000, Deduct	-17.53	
			For Class 51, Add	39.28	
			For Class 52, Add	84.90	
			For Class 53, Add	153.64	
			For Class 54, Add	219.48	
			For Class 55, Add	251.94	
			For Class 56, Add	283.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1101 LF 48", Class 50, Push-On Joint Ductile Iron Pipe.....	423.94	47.79
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	108.95	
For Cement Mortar Lining (CML), Add	35.14	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	63.26	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	26.36	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-21.20	
For Class 51, Add	48.81	
For Class 52, Add	105.52	
For Class 53, Add	191.06	
For Class 54, Add	272.97	
For Class 55, Add	313.27	
For Class 56, Add	352.84	
33 14 13 13-1102 LF 54", Class 50, Push-On Joint Ductile Iron Pipe.....	540.49	50.33
For 40 Mil Glass Fiber Epoxy Or Polyurethane Lining, Add	143.91	
For Cement Mortar Lining (CML), Add	46.42	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	83.56	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.82	
Note: ANSI/AWWA C151/A21.51		
For >1,000, Deduct	-27.02	
For Class 51, Add	64.23	
For Class 52, Add	138.90	
For Class 53, Add	251.64	
For Class 54, Add	359.59	
For Class 55, Add	412.58	
For Class 56, Add	464.60	
 33 14 13 13-1103 Push-On Joint Ductile Iron 90 Degree Elbow <small>(33 14 13 13-1086)</small>		
33 14 13 13-1104 EA 4" 90 Degree Elbow, Push-On Joint Ductile Iron	166.67	34.75
For Cement Mortar Lining (CML), Add	11.40	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	20.52	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	8.55	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1105 EA 6" 90 Degree Elbow, Push-On Joint Ductile Iron	242.05	51.26
For Cement Mortar Lining (CML), Add	16.43	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	29.58	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	12.33	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1106 EA 8" 90 Degree Elbow, Push-On Joint Ductile Iron	320.22	60.86
For Cement Mortar Lining (CML), Add	22.80	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	41.03	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	17.10	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1107 EA 10" 90 Degree Elbow, Push-On Joint Ductile Iron	483.00	66.91
For Cement Mortar Lining (CML), Add	34.46	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	62.03	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	25.85	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1108 EA 12" 90 Degree Elbow, Push-On Joint Ductile Iron	618.17	78.50
For Cement Mortar Lining (CML), Add	45.59	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	82.07	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	34.19	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1109 EA 14" 90 Degree Elbow, Push-On Joint Ductile Iron	1,181.98	88.07
For Cement Mortar Lining (CML), Add	99.99	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	179.98	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	74.99	
Note: ANSI/AWWA C151/A21.51		
33 14 13 13-1110 EA 16" 90 Degree Elbow, Push-On Joint Ductile Iron	1,336.85	100.67
For Cement Mortar Lining (CML), Add	112.89	
Note: ANSI/AWWA C104/A21.4		
For Fusion Bonded Epoxy Lining (206N), Add	203.19	
Note: ANSI/AWWA C104/A21.4		
For Bituminous Or Coal Tar Coating, 1 Mil, Add	84.66	
Note: ANSI/AWWA C151/A21.51		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1111	EA	18" 90 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,072.63 178.14 320.66 133.61	140.94
33 14 13 13-1112	EA	20" 90 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,339.59 198.43 357.18 148.82	177.65
33 14 13 13-1113	EA	24" 90 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,921.48 247.74 445.93 185.80	222.09
33 14 13 13-1114		Push-On Joint Ductile Iron 45 Degree Elbow <small>(33 14 13 13-1086)</small>		
33 14 13 13-1115	EA	4" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	140.75 8.81 15.85 6.61	34.75
33 14 13 13-1116	EA	6" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	207.19 12.95 23.31 9.71	51.26
33 14 13 13-1117	EA	8" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	282.72 19.05 34.28 14.28	60.86
33 14 13 13-1118	EA	10" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	431.22 29.28 52.71 21.96	66.91
33 14 13 13-1119	EA	12" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	552.19 39.00 70.19 29.25	78.50
33 14 13 13-1120	EA	14" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	770.00 58.79 105.83 44.09	88.07
33 14 13 13-1121	EA	16" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,121.12 91.31 164.36 68.48	100.67
33 14 13 13-1122	EA	18" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,305.18 101.40 182.52 76.05	140.94
33 14 13 13-1123	EA	20" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,814.16 145.89 262.60 109.42	177.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1124 EA 24" 45 Degree Elbow, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,252.26 180.82 325.47 135.61	222.09
33 14 13 13-1125 Push-On Joint Ductile Iron Tee <small>(33 14 13 13-1086)</small>		
33 14 13 13-1126 EA 4" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	253.99 17.63 31.73 13.22	51.26
33 14 13 13-1127 EA 6" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	355.39 24.12 43.42 18.09	75.33
33 14 13 13-1128 EA 8" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	480.42 34.20 61.55 25.65	91.30
33 14 13 13-1129 EA 10" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	690.62 53.81 96.86 40.36	101.69
33 14 13 13-1130 EA 12" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	856.53 67.86 122.14 50.89	117.25
33 14 13 13-1131 EA 14" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,358.19 114.46 206.03 85.85	140.94
33 14 13 13-1132 EA 16" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	1,951.00 168.41 303.13 126.30	176.23
33 14 13 13-1133 EA 18" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,458.23 210.20 378.36 157.65	235.10
33 14 13 13-1134 EA 20" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	2,901.15 246.65 443.97 184.99	286.87
33 14 13 13-1135 EA 24" Tee, Push-On Joint Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	3,792.22 324.90 584.82 243.67	358.56
33 14 13 13-1136 Flanged End x Push-On Joint Ductile Iron Adapters <small>(33 14 13 13-1086)</small>		

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13	13-1137	EA	4" Flanged End x Push-On Joint Adapter, Ductile Iron	411.21	120.55
			<i>For Cement Mortar Lining (CML), Add</i>	22.86	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	41.14	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	17.14	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1138	EA	6" Flanged End x Push-On Joint Adapter, Ductile Iron	503.18	149.25
			<i>For Cement Mortar Lining (CML), Add</i>	27.71	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	49.87	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	20.78	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1139	EA	8" Flanged End x Push-On Joint Adapter, Ductile Iron	662.08	174.07
			<i>For Cement Mortar Lining (CML), Add</i>	39.83	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	71.69	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	29.87	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1140	EA	10" Flanged End x Push-On Joint Adapter, Ductile Iron	900.83	251.68
			<i>For Cement Mortar Lining (CML), Add</i>	51.95	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	93.51	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	38.96	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1141	EA	12" Flanged End x Push-On Joint Adapter, Ductile Iron	1,093.84	287.69
			<i>For Cement Mortar Lining (CML), Add</i>	65.80	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	118.44	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	49.35	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1142	EA	14" Flanged End x Push-On Joint Adapter, Ductile Iron	1,265.89	309.75
			<i>For Cement Mortar Lining (CML), Add</i>	79.66	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	143.38	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	59.74	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1143	EA	16" Flanged End x Push-On Joint Adapter, Ductile Iron	1,512.81	335.58
			<i>For Cement Mortar Lining (CML), Add</i>	100.44	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	180.78	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	75.33	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1144	EA	18" Flanged End x Push-On Joint Adapter, Ductile Iron	1,787.66	402.70
			<i>For Cement Mortar Lining (CML), Add</i>	117.75	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	211.95	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	88.31	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1145	EA	20" Flanged End x Push-On Joint Adapter, Ductile Iron	2,080.58	447.44
			<i>For Cement Mortar Lining (CML), Add</i>	140.26	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	252.47	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	105.20	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1146	EA	24" Flanged End x Push-On Joint Adapter, Ductile Iron	2,617.78	516.28
			<i>For Cement Mortar Lining (CML), Add</i>	183.55	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	330.40	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	137.67	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1147	EA	30" Flanged End x Push-On Joint Adapter, Ductile Iron	4,232.96	619.50
			<i>For Cement Mortar Lining (CML), Add</i>	329.43	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	592.97	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	247.07	
			<i>Note: ANSI/AWWA C151/A21.51</i>		
33 14 13	13-1148	EA	36" Flanged End x Push-On Joint Adapter, Ductile Iron	5,873.72	774.37
			<i>For Cement Mortar Lining (CML), Add</i>	470.04	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Fusion Bonded Epoxy Lining (206N), Add</i>	846.06	
			<i>Note: ANSI/AWWA C104/A21.4</i>		
			<i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i>	352.53	
			<i>Note: ANSI/AWWA C151/A21.51</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1149 EA 42" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	7,442.25 608.64 1,095.55 456.48	894.88
33 14 13 13-1150 EA 48" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	9,496.86 775.36 1,395.65 581.52	1,150.53
33 14 13 13-1151 EA 54" Flanged End x Push-On Joint Adapter, Ductile Iron <i>For Cement Mortar Lining (CML), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Fusion Bonded Epoxy Lining (206N), Add</i> <i>Note: ANSI/AWWA C104/A21.4</i> <i>For Bituminous Or Coal Tar Coating, 1 Mil, Add</i> <i>Note: ANSI/AWWA C151/A21.51</i>	11,550.08 951.57 1,712.83 713.68	1,342.63
33 14 13 13-1152 Push-On Joint Ductile Iron Pipe And Fitting Restraints <small>(33 14 13 13-1086)</small> <i>Note: Includes ductile iron follower gland, restraint ring and all nuts and bolts. Excludes pipe and fitting.</i>		
33 14 13 13-1153 EA 4" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	37.04	18.77
33 14 13 13-1154 EA 6" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	49.43	24.49
33 14 13 13-1155 EA 8" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	64.50	24.88
33 14 13 13-1156 EA 10" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	74.64	26.43
33 14 13 13-1157 EA 12" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	87.64	29.36
33 14 13 13-1158 EA 14" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	108.43	33.03
33 14 13 13-1159 EA 16" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	127.25	37.75
33 14 13 13-1160 EA 18" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	142.52	40.90
33 14 13 13-1161 EA 20" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	166.95	49.07
33 14 13 13-1162 EA 24" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	196.26	50.97
33 14 13 13-1163 EA 30" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	247.02	56.63
33 14 13 13-1164 EA 36" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	315.62	61.34
33 14 13 13-1165 EA 42" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	385.10	67.12
33 14 13 13-1166 EA 48" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	452.41	75.50
33 14 13 13-1167 EA 54" Pipe And Fitting Restraint, Push-On Joint Ductile Iron	613.17	81.88
33 14 13 13-1168 Push-On Joint Ductile Iron Bell Restraint Harness (MEGALUG® 1700 Series) <small>(33 14 13 13-1086)</small>		
33 14 13 13-1169 EA 4" Bell Restraint Harness, Ductile Iron (MEGALUG® 170400).....	229.13	68.64
33 14 13 13-1170 EA 6" Bell Restraint Harness, Ductile Iron (MEGALUG® 170600).....	303.48	83.80
33 14 13 13-1171 EA 8" Bell Restraint Harness, Ductile Iron (MEGALUG® 170800).....	391.66	102.20
33 14 13 13-1172 EA 10" Bell Restraint Harness, Ductile Iron (MEGALUG® 171000).....	594.84	124.68
33 14 13 13-1173 EA 12" Bell Restraint Harness, Ductile Iron (MEGALUG® 171200).....	738.20	152.03
33 14 13 13-1174 EA 14" Bell Restraint Harness, Ductile Iron (MEGALUG® 171400).....	1,284.73	185.49
33 14 13 13-1175 EA 16" Bell Restraint Harness, Ductile Iron (MEGALUG® 171600).....	1,464.39	226.36
33 14 13 13-1176 EA 18" Bell Restraint Harness, Ductile Iron (MEGALUG® 171800).....	1,659.33	276.09
33 14 13 13-1177 EA 20" Bell Restraint Harness, Ductile Iron (MEGALUG® 172000).....	2,261.77	336.90
33 14 13 13-1178 EA 24" Bell Restraint Harness, Ductile Iron (MEGALUG® 172400).....	2,887.68	410.94
33 14 13 13-1179 EA 30" Bell Restraint Harness, Ductile Iron (MEGALUG® 173000).....	5,017.13	501.44
33 14 13 13-1180 EA 36" Bell Restraint Harness, Ductile Iron (MEGALUG® 173600).....	7,134.43	611.67
33 14 13 13-1181 EA 42" Bell Restraint Harness, Ductile Iron (MEGALUG® 174200).....	13,017.83	746.31
33 14 13 13-1182 EA 48" Bell Restraint Harness, Ductile Iron (MEGALUG® 174800).....	16,849.79	910.44
33 14 13 13-1183 Ductile Iron Pipe Repair <small>(33 14 13 13-0001)</small> <i>See CSI section 33 14 13 13-0002 for mechanical joint fittings.</i>		
33 14 13 13-1184 Ductile Iron Pipe Repair <small>(33 14 13 13-1183)</small> <i>Note: Includes two transition sleeves, mechanical joint ductile iron sleeve and 16' of ductile iron pipe.</i>		
33 14 13 13-1185 EA 30" Diameter Mechanical Ductile Iron Push Joint.....	2,628.92	
33 14 13 13-1186 EA 36" Diameter Mechanical Ductile Iron Push Joint.....	3,315.14	
33 14 13 13-1187 EA 42" Diameter Mechanical Ductile Iron Push Joint.....	4,143.91	
33 14 13 13-1188 EA 48" Diameter Mechanical Ductile Iron Push Joint.....	5,187.59	
33 14 13 13-1189 EA 54" Diameter Mechanical Ductile Iron Push Joint.....	7,455.43	
33 14 13 13-1190 WEKO Seals <small>(33 14 13 13-1183)</small> <i>Note: Internal joint seal.</i>		
33 14 13 13-1191 EA 16" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,391.11 84.43	190.50
33 14 13 13-1192 EA 18" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,481.35 85.24	201.15
33 14 13 13-1193 EA 20" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,571.44 86.05	211.81
33 14 13 13-1194 EA 24" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,666.58 87.33	228.75
33 14 13 13-1195 EA 30" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,724.17 88.61	245.70

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 13-1196	EA		36" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,812.58 90.22	266.87
33 14 13 13-1197	EA		42" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	1,935.59 92.14	292.29
33 14 13 13-1198	EA		48" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	2,089.72 93.75	313.47
33 14 13 13-1199	EA		54" WEKO Internal Joint Seal..... <i>For Extra Wide Seals, Add</i>	2,169.85 95.03	330.42
33 14 13 23 Plastic Public Water Utility Distribution Piping (33 14 13)					
33 14 13 23-0001 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Piping (33 14 13 23)					
33 14 13 23-0002 Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe (33 14 13 23-0001)					
33 14 13 23-0003	LF		3/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	2.55 -0.13	0.77
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.09	
33 14 13 23-0004	LF		1" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	2.90 -0.15	0.83
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.12	
33 14 13 23-0005	LF		1-1/4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	3.57 -0.18	0.90
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.20	
33 14 13 23-0006	LF		1-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	4.29 -0.21	1.00
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.27	
33 14 13 23-0007	LF		2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	6.11 -0.31	1.12
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.50	
33 14 13 23-0008	LF		2-1/2" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	8.42 -0.42	1.27
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	0.79	
33 14 13 23-0009	LF		3" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	10.74 -0.54	1.42
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.07	
33 14 13 23-0010	LF		4" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	16.11 -0.81	1.76
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	1.76	
33 14 13 23-0011	LF		6" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	31.12 -1.56	2.23
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	3.83	
33 14 13 23-0012	LF		8" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	50.97 -2.55	3.08
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	6.49	
33 14 13 23-0013	LF		10" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	77.58 -3.88	4.12
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	10.09	
33 14 13 23-0014	LF		12" Class 200, SDR 21 Polyvinyl Chloride (PVC) Pressure Pipe..... <i>For >1,000, Deduct</i>	108.66 -5.43	5.55
			<i>For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add</i>	14.22	
33 14 13 23-0015 90 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0001)					
33 14 13 23-0016	EA		3/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	23.81	9.24
33 14 13 23-0017	EA		1", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	30.38	11.54
33 14 13 23-0018	EA		1-1/4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	38.67	14.43
33 14 13 23-0019	EA		1-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	77.03	15.97
33 14 13 23-0020	EA		2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	81.65	17.89
33 14 13 23-0021	EA		2-1/2", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	99.32	20.30
33 14 13 23-0022	EA		3", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	111.81	22.90
33 14 13 23-0023	EA		4", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	166.88	28.12
33 14 13 23-0024	EA		6", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	255.81	35.72
33 14 13 23-0025	EA		8", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	450.06	46.89
33 14 13 23-0026	EA		10", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	536.99	62.74
33 14 13 23-0027	EA		12", Class 200, SDR 21 Polyvinyl Chloride (PVC) 90 Degree Elbow.....	704.97	84.45
33 14 13 23-0028 45 Degree Elbows, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0001)					
33 14 13 23-0029	EA		3/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	24.80	9.24
33 14 13 23-0030	EA		1" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	31.09	11.54
33 14 13 23-0031	EA		1-1/4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	39.10	14.43
33 14 13 23-0032	EA		1-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	63.96	15.97
33 14 13 23-0033	EA		2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	82.87	17.89
33 14 13 23-0034	EA		2-1/2" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	104.25	20.30
33 14 13 23-0035	EA		3" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	109.73	22.90
33 14 13 23-0036	EA		4" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	162.38	28.12
33 14 13 23-0037	EA		6" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	246.74	35.72
33 14 13 23-0038	EA		8" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	432.77	46.89
33 14 13 23-0039	EA		10" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	465.33	62.74
33 14 13 23-0040	EA		12" 45 Degree Elbow, Class 200, SDR 21 Polyvinyl Chloride (PVC).....	605.80	84.45
33 14 13 23-0041 Tees Or Wyes, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0001)					

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0042 EA 3/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	35.63	13.85
33 14 13 23-0043 EA 1" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	45.28	17.41
33 14 13 23-0044 EA 1-1/4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	57.12	21.74
33 14 13 23-0045 EA 1-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	99.47	24.06
33 14 13 23-0046 EA 2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	115.04	26.74
33 14 13 23-0047 EA 2-1/2" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	136.21	30.50
33 14 13 23-0048 EA 3" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	173.26	34.25
33 14 13 23-0049 EA 4" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	236.99	42.22
33 14 13 23-0050 EA 6" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	446.33	53.67
33 14 13 23-0051 EA 8" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	701.73	70.35
33 14 13 23-0052 EA 10" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	777.67	98.90
33 14 13 23-0053 EA 12" Tees Or Wyes, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	941.63	133.08
33 14 13 23-0054 Couplings, Class 200, SDR 21 Polyvinyl Chloride (PVC) (33 14 13 23-0001)		
33 14 13 23-0055 EA 3/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	16.03	6.16
33 14 13 23-0056 EA 1" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	21.76	8.28
33 14 13 23-0057 EA 1-1/4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	29.70	10.87
33 14 13 23-0058 EA 1-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	51.81	12.03
33 14 13 23-0059 EA 2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	56.63	13.38
33 14 13 23-0060 EA 2-1/2" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	64.39	15.20
33 14 13 23-0061 EA 3" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	75.74	17.13
33 14 13 23-0062 EA 4" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	111.92	21.07
33 14 13 23-0063 EA 6" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	171.00	26.84
33 14 13 23-0064 EA 8" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	324.79	35.17
33 14 13 23-0065 EA 10" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	360.73	49.50
33 14 13 23-0066 EA 12" Coupling, Class 200 SDR 21 Polyvinyl Chloride (PVC).....	448.13	66.54
33 14 13 23-0067 Schedule 40 Polyvinyl Chloride (PVC) Pipe And Fittings (33 14 13 23)		
33 14 13 23-0068 Schedule 40 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0067)		
33 14 13 23-0069 LF 3/4" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	3.06	0.77
For >1,000, Deduct	-0.15	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.17	
33 14 13 23-0070 LF 1" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	3.86	0.83
For >1,000, Deduct	-0.19	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.27	
33 14 13 23-0071 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	5.18	1.00
For >1,000, Deduct	-0.26	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.40	
33 14 13 23-0072 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	6.44	1.12
For >1,000, Deduct	-0.32	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.55	
33 14 13 23-0073 LF 2-1/2" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	8.95	1.27
For >1,000, Deduct	-0.45	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.87	
33 14 13 23-0074 LF 3" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	11.08	1.42
For >1,000, Deduct	-0.55	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.13	
33 14 13 23-0075 LF 4" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	15.19	1.76
For >1,000, Deduct	-0.76	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.62	
33 14 13 23-0076 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Pipe.....	24.45	2.23
For >1,000, Deduct	-1.22	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	2.83	
33 14 13 23-0077 Schedule 40 Polyvinyl Chloride (PVC) 90 Degree Elbows (33 14 13 23-0067)		
33 14 13 23-0078 EA 3/4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	24.16	9.24
33 14 13 23-0079 EA 1" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	30.59	11.54
33 14 13 23-0080 EA 1-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	42.88	15.97
33 14 13 23-0081 EA 2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	49.21	17.89
33 14 13 23-0082 EA 2-1/2" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	62.87	20.30
33 14 13 23-0083 EA 3" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	71.94	22.90
33 14 13 23-0084 EA 4" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	100.14	28.12
33 14 13 23-0085 EA 6" 90 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	184.35	35.72
33 14 13 23-0086 Schedule 40 Polyvinyl Chloride (PVC) 45 Degree Elbows (33 14 13 23-0067)		
33 14 13 23-0087 EA 3/4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	24.08	9.24
33 14 13 23-0088 EA 1" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	30.51	11.54
33 14 13 23-0089 EA 1-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	42.92	15.97
33 14 13 23-0090 EA 2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	48.87	17.89
33 14 13 23-0091 EA 2-1/2" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	61.94	20.30
33 14 13 23-0092 EA 3" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	70.85	22.90
33 14 13 23-0093 EA 4" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	97.94	28.12
33 14 13 23-0094 EA 6" 45 Degree Elbow, Schedule 40 Polyvinyl Chloride (PVC).....	177.33	35.72
33 14 13 23-0095 Schedule 40 Polyvinyl Chloride (PVC) Tees Or Wyes (33 14 13 23-0067)		
33 14 13 23-0096 EA 3/4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	36.01	13.85
33 14 13 23-0097 EA 1" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	45.56	17.41

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0098 EA 1-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	63.89	24.06
33 14 13 23-0099 EA 2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	72.59	26.74
33 14 13 23-0100 EA 2-1/2" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	94.84	30.50
33 14 13 23-0101 EA 3" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	112.38	34.25
33 14 13 23-0102 EA 4" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	141.24	42.22
33 14 13 23-0103 EA 6" Tees Or Wyes, Schedule 40 Polyvinyl Chloride (PVC).....	283.26	53.67
33 14 13 23-0104 Schedule 40 Polyvinyl Chloride (PVC) Couplings (33 14 13 23-0067)		
33 14 13 23-0105 EA 3/4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	16.20	6.16
33 14 13 23-0106 EA 1" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	21.91	8.28
33 14 13 23-0107 EA 1-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	31.73	12.03
33 14 13 23-0108 EA 2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	36.27	13.38
33 14 13 23-0109 EA 2-1/2" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	44.17	15.20
33 14 13 23-0110 EA 3" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	52.30	17.13
33 14 13 23-0111 EA 4" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	65.26	21.07
33 14 13 23-0112 EA 6" Coupling, Schedule 40 Polyvinyl Chloride (PVC)	110.33	26.84
33 14 13 23-0113 Crosses, Schedule 40 Polyvinyl Chloride (PVC) (33 14 13 23-0067)		
33 14 13 23-0114 EA 3/4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	48.34	18.47
33 14 13 23-0115 EA 1" Cross, Schedule 40 Polyvinyl Chloride (PVC)	60.67	23.18
33 14 13 23-0116 EA 1-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	85.17	32.04
33 14 13 23-0117 EA 2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	96.77	35.69
33 14 13 23-0118 EA 2-1/2" Cross, Schedule 40 Polyvinyl Chloride (PVC)	126.35	40.60
33 14 13 23-0119 EA 3" Cross, Schedule 40 Polyvinyl Chloride (PVC)	149.68	45.71
33 14 13 23-0120 EA 4" Cross, Schedule 40 Polyvinyl Chloride (PVC)	188.10	56.23
33 14 13 23-0121 EA 6" Cross, Schedule 40 Polyvinyl Chloride (PVC)	376.81	71.54
33 14 13 23-0122 Schedule 80 Polyvinyl Chloride (PVC) Pipe And Fittings (33 14 13 23)		
33 14 13 23-0123 Schedule 80 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0122)		
33 14 13 23-0124 LF 1" Schedule 80 Polyvinyl Chloride (PVC) Pipe	4.41	0.83
For >1,000, Deduct	-0.22	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.35	
33 14 13 23-0125 LF 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	6.28	1.00
For >1,000, Deduct	-0.31	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.57	
33 14 13 23-0126 LF 2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	8.30	1.12
For >1,000, Deduct	-0.42	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	0.83	
33 14 13 23-0127 LF 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Pipe	11.36	1.27
For >1,000, Deduct	-0.57	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.23	
33 14 13 23-0128 LF 3" Schedule 80 Polyvinyl Chloride (PVC) Pipe	14.45	1.42
For >1,000, Deduct	-0.72	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	1.63	
33 14 13 23-0129 LF 4" Schedule 80 Polyvinyl Chloride (PVC) Pipe	20.36	1.76
For >1,000, Deduct	-1.02	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	2.40	
33 14 13 23-0130 LF 6" Schedule 80 Polyvinyl Chloride (PVC) Pipe	35.94	2.23
For >1,000, Deduct	-1.80	
For Coloring Of Polyvinyl Chloride (PVC) Pipe For Reclaimed Water Identification, Add	4.55	
33 14 13 23-0131 Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbows (33 14 13 23-0122)		
33 14 13 23-0132 EA 1" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	33.45	11.54
33 14 13 23-0133 EA 1-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	42.88	15.97
33 14 13 23-0134 EA 2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	52.07	17.89
33 14 13 23-0135 EA 2-1/2" 90 Degree Elbow, Schedule 80 Polyvinyl Chloride (PVC)	68.95	20.30
33 14 13 23-0136 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	77.58	22.90
33 14 13 23-0137 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	101.50	28.12
33 14 13 23-0138 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 90 Degree Elbow	177.92	35.72
33 14 13 23-0139 Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbows (33 14 13 23-0122)		
33 14 13 23-0140 EA 1" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	45.17	11.54
33 14 13 23-0141 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	54.17	15.97
33 14 13 23-0142 EA 2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	62.93	17.89
33 14 13 23-0143 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	89.31	20.30
33 14 13 23-0144 EA 3" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	104.09	22.90
33 14 13 23-0145 EA 4" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	154.80	28.12
33 14 13 23-0146 EA 6" Schedule 80 Polyvinyl Chloride (PVC) 45 Degree Elbow	174.35	35.72
33 14 13 23-0147 Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes (33 14 13 23-0122)		
33 14 13 23-0148 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	51.56	17.41
33 14 13 23-0149 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	82.11	24.06
33 14 13 23-0150 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	94.31	26.74
33 14 13 23-0151 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	106.34	30.50
33 14 13 23-0152 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	123.38	34.25
33 14 13 23-0153 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	149.17	42.22

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0154 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Tees Or Wyes.....	282.98	53.67
33 14 13 23-0155 Schedule 80 Polyvinyl Chloride (PVC) Couplings (33 14 13 23-0122)		
33 14 13 23-0156 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Coupling	26.19	8.28
33 14 13 23-0157 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	39.09	12.03
33 14 13 23-0158 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	43.20	13.38
33 14 13 23-0159 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Coupling	61.96	15.20
33 14 13 23-0160 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Coupling	70.23	17.13
33 14 13 23-0161 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Coupling	87.05	21.07
33 14 13 23-0162 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Coupling	140.77	26.84
33 14 13 23-0163 Crosses, Schedule 80 Polyvinyl Chloride (PVC) (33 14 13 23-0122)		
33 14 13 23-0164 EA 1" Schedule 80 Polyvinyl Chloride (PVC) Cross	68.64	23.18
33 14 13 23-0165 EA 1-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	109.35	32.04
33 14 13 23-0166 EA 2" Schedule 80 Polyvinyl Chloride (PVC) Cross	125.60	35.69
33 14 13 23-0167 EA 2-1/2" Schedule 80 Polyvinyl Chloride (PVC) Cross	141.62	40.60
33 14 13 23-0168 EA 3" Schedule 80 Polyvinyl Chloride (PVC) Cross	164.29	45.71
33 14 13 23-0169 EA 4" Schedule 80 Polyvinyl Chloride (PVC) Cross	198.62	56.23
33 14 13 23-0170 EA 6" Schedule 80 Polyvinyl Chloride (PVC) Cross	376.43	71.54
33 14 13 23-0171 AWWA C900/C905 Polyvinyl Chloride (PVC) Pipe (33 14 13 23)		
Note: Includes hub on one end of pipe. C900 is available in blue, white, purple or green.		
33 14 13 23-0172 AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0171)		
33 14 13 23-0173 LF 4" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	10.14	3.59
33 14 13 23-0174 LF 6" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	14.75	4.35
33 14 13 23-0175 LF 8" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	20.23	4.89
33 14 13 23-0176 LF 10" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	26.63	5.43
33 14 13 23-0177 LF 12" AWWA C900, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	34.48	6.09
33 14 13 23-0178 AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0171)		
33 14 13 23-0179 LF 4" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	11.21	3.59
33 14 13 23-0180 LF 6" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	16.96	4.35
33 14 13 23-0181 LF 8" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	23.95	4.89
33 14 13 23-0182 LF 10" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	32.42	5.43
33 14 13 23-0183 LF 12" AWWA C900, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	42.56	6.09
33 14 13 23-0184 AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0171)		
33 14 13 23-0185 LF 4" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	12.26	3.59
33 14 13 23-0186 LF 6" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	19.15	4.35
33 14 13 23-0187 LF 8" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	27.67	4.89
33 14 13 23-0188 LF 10" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	38.08	5.43
33 14 13 23-0189 LF 12" AWWA C900, DR 14, PC 305 Polyvinyl Chloride (PVC) Pipe	50.64	6.09
33 14 13 23-0190 AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0171)		
33 14 13 23-0191 LF 18" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	54.14	9.13
33 14 13 23-0192 LF 20" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	66.02	10.87
33 14 13 23-0193 LF 24" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	88.62	13.04
33 14 13 23-0194 LF 30" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	128.17	15.21
33 14 13 23-0195 LF 36" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	177.06	17.39
33 14 13 23-0196 LF 42" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	224.48	18.47
33 14 13 23-0197 LF 48" AWWA C905, DR 51, PC 80 Polyvinyl Chloride (PVC) Pipe	284.45	19.89
33 14 13 23-0198 AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0171)		
33 14 13 23-0199 LF 14" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	39.96	6.85
33 14 13 23-0200 LF 16" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	50.17	7.60
33 14 13 23-0201 LF 18" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	62.23	9.13
33 14 13 23-0202 LF 20" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	76.52	10.87
33 14 13 23-0203 LF 24" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	104.82	13.04
33 14 13 23-0204 LF 30" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	151.40	15.21
33 14 13 23-0205 LF 36" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	208.18	17.39
33 14 13 23-0206 LF 42" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	276.23	18.47
33 14 13 23-0207 LF 48" AWWA C905, DR 41, PC 100 Polyvinyl Chloride (PVC) Pipe	351.60	19.89
33 14 13 23-0208 AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe (33 14 13 23-0171)		
33 14 13 23-0209 LF 14" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	46.19	6.85
33 14 13 23-0210 LF 16" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	58.81	7.60
33 14 13 23-0211 LF 18" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	72.96	9.13
33 14 13 23-0212 LF 20" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	90.45	10.87
33 14 13 23-0213 LF 24" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	124.82	13.04
33 14 13 23-0214 LF 30" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	181.44	15.21
33 14 13 23-0215 LF 36" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	252.03	17.39
33 14 13 23-0216 LF 42" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	328.18	18.47

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0217 LF 48" AWWA C905, DR 32.5, PC 125 Polyvinyl Chloride (PVC) Pipe	419.39	19.89
33 14 13 23-0218 AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0171)</small>		
33 14 13 23-0219 LF 14" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	56.83	6.85
33 14 13 23-0220 LF 16" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	71.45	7.60
33 14 13 23-0221 LF 18" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	89.24	9.13
33 14 13 23-0222 LF 20" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	110.10	10.87
33 14 13 23-0223 LF 24" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	153.15	13.04
33 14 13 23-0224 LF 30" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	225.91	15.21
33 14 13 23-0225 LF 36" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	320.40	17.39
33 14 13 23-0226 LF 42" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	428.46	18.47
33 14 13 23-0227 LF 48" AWWA C905, DR 25, PC 165 Polyvinyl Chloride (PVC) Pipe	553.95	19.89
33 14 13 23-0228 AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0171)</small>		
33 14 13 23-0229 LF 14" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	64.83	6.85
33 14 13 23-0230 LF 16" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	81.85	7.60
33 14 13 23-0231 LF 18" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	102.36	9.13
33 14 13 23-0232 LF 20" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	126.44	10.87
33 14 13 23-0233 LF 24" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	176.66	13.04
33 14 13 23-0234 LF 30" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	262.09	15.21
33 14 13 23-0235 LF 36" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	373.24	17.39
33 14 13 23-0236 LF 42" AWWA C905, DR 21, PC 200 Polyvinyl Chloride (PVC) Pipe	500.87	18.47
33 14 13 23-0237 AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe <small>(33 14 13 23-0171)</small>		
33 14 13 23-0238 LF 14" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	72.62	6.85
33 14 13 23-0239 LF 16" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	91.97	7.60
33 14 13 23-0240 LF 18" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	115.11	9.13
33 14 13 23-0241 LF 20" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	142.34	10.87
33 14 13 23-0242 LF 24" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	199.53	13.04
33 14 13 23-0243 LF 30" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	297.28	15.21
33 14 13 23-0244 LF 36" AWWA C905, DR 18, PC 235 Polyvinyl Chloride (PVC) Pipe	424.65	17.39
33 14 13 23-0245 AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) Fittings <small>(33 14 13 23)</small>		
Note: Includes rubber gaskets.		
33 14 13 23-0246 90 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0247 EA 4" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	200.84	11.54
For DR 25, Deduct	-10.67	
33 14 13 23-0248 EA 6" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	413.98	12.99
For DR 25, Deduct	-23.28	
33 14 13 23-0249 EA 8" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	623.16	14.43
For DR 25, Deduct	-35.66	
33 14 13 23-0250 EA 10" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	951.79	23.11
For DR 25, Deduct	-54.33	
33 14 13 23-0251 EA 12" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,236.58	38.51
For DR 25, Deduct	-69.57	
33 14 13 23-0252 EA 14" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,859.43	48.15
For DR 25, Deduct	-105.79	
33 14 13 23-0253 EA 16" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,218.91	57.78
For DR 25, Deduct	-126.20	
33 14 13 23-0254 EA 18" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,813.01	77.04
For DR 25, Deduct	-219.54	
33 14 13 23-0255 EA 20" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,693.59	96.29
For DR 25, Deduct	-270.06	
33 14 13 23-0256 EA 24" 90 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,798.63	129.99
For DR 25, Deduct	-452.32	
33 14 13 23-0257 45 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0258 EA 4" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	177.63	11.54
For DR 25, Deduct	-9.27	
33 14 13 23-0259 EA 6" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	308.72	12.99
For DR 25, Deduct	-16.97	
33 14 13 23-0260 EA 8" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	391.74	14.43
For DR 25, Deduct	-21.77	
33 14 13 23-0261 EA 10" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	553.82	23.11
For DR 25, Deduct	-30.46	
33 14 13 23-0262 EA 12" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	738.58	38.51
For DR 25, Deduct	-39.69	
33 14 13 23-0263 EA 14" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,426.23	48.15
For DR 25, Deduct	-79.80	
33 14 13 23-0264 EA 16" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,808.52	57.78
For DR 25, Deduct	-101.58	
33 14 13 23-0265 EA 18" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,126.87	77.04
For DR 25, Deduct	-178.37	
33 14 13 23-0266 EA 20" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,883.57	96.29
For DR 25, Deduct	-221.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0267 EA 24" 45 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,481.94 -313.32	129.99
33 14 13 23-0268 22-1/2 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0269 EA 4" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	174.81 -9.10	11.54
33 14 13 23-0270 EA 6" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	308.72 -16.97	12.99
33 14 13 23-0271 EA 8" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	391.75 -21.77	14.43
33 14 13 23-0272 EA 10" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	553.83 -30.46	23.11
33 14 13 23-0273 EA 12" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	738.59 -39.69	38.51
33 14 13 23-0274 EA 14" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,422.37 -79.80	46.22
33 14 13 23-0275 EA 16" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,808.50 -101.58	57.78
33 14 13 23-0276 EA 18" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,126.87 -178.37	77.04
33 14 13 23-0277 EA 20" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,883.57 -221.46	96.29
33 14 13 23-0278 EA 24" 22-1/2 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,481.94 -313.32	129.99
33 14 13 23-0279 11-1/4 Degree Elbows, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0280 EA 4" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	154.03 -7.86	11.54
33 14 13 23-0281 EA 6" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	308.72 -16.97	12.99
33 14 13 23-0282 EA 8" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	391.75 -21.77	14.43
33 14 13 23-0283 EA 10" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	553.83 -30.46	23.11
33 14 13 23-0284 EA 12" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	738.59 -39.69	38.51
33 14 13 23-0285 EA 14" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,422.37 -79.80	46.22
33 14 13 23-0286 EA 16" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,808.50 -101.58	57.78
33 14 13 23-0287 EA 18" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,126.87 -178.37	77.04
33 14 13 23-0288 EA 20" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,883.57 -221.46	96.29
33 14 13 23-0289 EA 24" 11-1/4 Degree Elbow, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,481.94 -313.32	129.99
33 14 13 23-0290 Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0291 EA 4" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	238.88 -12.77	12.99
33 14 13 23-0292 EA 6" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	464.13 -26.12	14.43
33 14 13 23-0293 EA 8" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	648.65 -36.96	16.36
33 14 13 23-0294 EA 10" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,339.20 -76.88	28.89
33 14 13 23-0295 EA 12" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	1,629.15 -90.82	57.78
33 14 13 23-0296 EA 14" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	2,950.02 -168.34	72.22
33 14 13 23-0297 EA 16" Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	3,654.55 -208.87	86.67
33 14 13 23-0298 EA 18" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	4,609.69 -262.71	115.55
33 14 13 23-0299 EA 20" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	5,534.29 -314.72	144.44
33 14 13 23-0300 EA 24" Tee, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	7,616.93 -445.23	98.22
33 14 13 23-0301 Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0302 EA 6" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	461.01 -25.41	18.76
33 14 13 23-0303 EA 8" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	628.44 -35.28	20.20
33 14 13 23-0304 EA 8" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <i>For DR 25, Deduct</i>	644.13 -36.14	20.92

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14	13 23-0305	EA	10" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	835.94	28.89
			<i>For DR 25, Deduct</i>	-46.69	
33 14	13 23-0306	EA	10" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,134.43	29.61
			<i>For DR 25, Deduct</i>	-64.51	
33 14	13 23-0307	EA	10" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,213.91	30.33
			<i>For DR 25, Deduct</i>	-69.19	
33 14	13 23-0308	EA	12" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,284.03	44.29
			<i>For DR 25, Deduct</i>	-71.73	
33 14	13 23-0309	EA	12" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,475.36	45.02
			<i>For DR 25, Deduct</i>	-83.12	
33 14	13 23-0310	EA	12" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,565.67	45.74
			<i>For DR 25, Deduct</i>	-88.45	
33 14	13 23-0311	EA	12" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	1,594.34	50.07
			<i>For DR 25, Deduct</i>	-89.65	
33 14	13 23-0312	EA	14" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,427.09	52.00
			<i>For DR 25, Deduct</i>	-139.39	
33 14	13 23-0313	EA	14" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,525.04	52.72
			<i>For DR 25, Deduct</i>	-145.18	
33 14	13 23-0314	EA	14" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,623.24	53.45
			<i>For DR 25, Deduct</i>	-150.98	
33 14	13 23-0315	EA	14" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,728.10	57.78
			<i>For DR 25, Deduct</i>	-156.75	
33 14	13 23-0316	EA	14" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	2,840.07	65.48
			<i>For DR 25, Deduct</i>	-162.55	
33 14	13 23-0317	EA	16" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,029.25	63.56
			<i>For DR 25, Deduct</i>	-174.13	
33 14	13 23-0318	EA	16" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,125.73	63.56
			<i>For DR 25, Deduct</i>	-179.92	
33 14	13 23-0319	EA	16" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,223.69	64.28
			<i>For DR 25, Deduct</i>	-185.71	
33 14	13 23-0320	EA	16" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,321.66	65.00
			<i>For DR 25, Deduct</i>	-191.50	
33 14	13 23-0321	EA	16" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,442.22	77.04
			<i>For DR 25, Deduct</i>	-197.29	
33 14	13 23-0322	EA	16" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,546.42	80.89
			<i>For DR 25, Deduct</i>	-203.08	
33 14	13 23-0323	EA	18" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,742.63	82.81
			<i>For DR 25, Deduct</i>	-214.62	
33 14	13 23-0324	EA	18" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,841.26	83.53
			<i>For DR 25, Deduct</i>	-220.45	
33 14	13 23-0325	EA	18" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	3,939.22	84.26
			<i>For DR 25, Deduct</i>	-226.24	
33 14	13 23-0326	EA	18" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,044.40	88.59
			<i>For DR 25, Deduct</i>	-232.03	
33 14	13 23-0327	EA	18" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,156.26	96.29
			<i>For DR 25, Deduct</i>	-237.82	
33 14	13 23-0328	EA	18" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,259.82	100.15
			<i>For DR 25, Deduct</i>	-243.57	
33 14	13 23-0329	EA	18" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,391.21	105.93
			<i>For DR 25, Deduct</i>	-250.76	
33 14	13 23-0330	EA	20" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,747.52	102.07
			<i>For DR 25, Deduct</i>	-272.60	
33 14	13 23-0331	EA	20" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,913.76	102.80
			<i>For DR 25, Deduct</i>	-282.49	
33 14	13 23-0332	EA	20" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	4,979.09	103.52
			<i>For DR 25, Deduct</i>	-286.32	
33 14	13 23-0333	EA	20" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,051.73	107.85
			<i>For DR 25, Deduct</i>	-290.16	
33 14	13 23-0334	EA	20" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,131.05	115.55
			<i>For DR 25, Deduct</i>	-294.00	
33 14	13 23-0335	EA	20" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,242.36	119.41
			<i>For DR 25, Deduct</i>	-300.21	
33 14	13 23-0336	EA	20" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,357.55	125.18
			<i>For DR 25, Deduct</i>	-306.43	
33 14	13 23-0337	EA	20" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,445.91	134.82
			<i>For DR 25, Deduct</i>	-310.58	
33 14	13 23-0338	EA	24" x 4" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,586.07	135.77
			<i>For DR 25, Deduct</i>	-318.87	
33 14	13 23-0339	EA	24" x 6" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,656.66	136.50
			<i>For DR 25, Deduct</i>	-323.02	
33 14	13 23-0340	EA	24" x 8" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	5,727.22	137.22
			<i>For DR 25, Deduct</i>	-327.17	
33 14	13 23-0341	EA	24" x 10" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,016.97	141.55
			<i>For DR 25, Deduct</i>	-344.03	
33 14	13 23-0342	EA	24" x 12" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,313.47	149.26
			<i>For DR 25, Deduct</i>	-360.90	
33 14	13 23-0343	EA	24" x 14" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,602.27	153.11
			<i>For DR 25, Deduct</i>	-377.76	
33 14	13 23-0344	EA	24" x 16" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	6,894.94	158.89
			<i>For DR 25, Deduct</i>	-394.63	
33 14	13 23-0345	EA	24" x 18" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,195.32	168.52
			<i>For DR 25, Deduct</i>	-411.50	
33 14	13 23-0346	EA	24" x 20" Reducing Tees Or Wyes, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC)	7,495.66	178.14
			<i>For DR 25, Deduct</i>	-428.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0347 Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0348 EA 4" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	330.06	23.09
<i>For DR 25, Deduct</i>	-17.03	
33 14 13 23-0349 EA 6" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	596.79	25.97
<i>For DR 25, Deduct</i>	-32.69	
33 14 13 23-0350 EA 8" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	828.03	28.86
<i>For DR 25, Deduct</i>	-46.22	
33 14 13 23-0351 EA 10" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,693.55	46.22
<i>For DR 25, Deduct</i>	-96.07	
33 14 13 23-0352 EA 12" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,007.92	57.78
<i>For DR 25, Deduct</i>	-113.54	
33 14 13 23-0353 EA 14" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,661.23	77.04
<i>For DR 25, Deduct</i>	-210.43	
33 14 13 23-0354 EA 16" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,543.43	96.29
<i>For DR 25, Deduct</i>	-261.06	
33 14 13 23-0355 EA 18" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,782.20	154.07
<i>For DR 25, Deduct</i>	-328.44	
33 14 13 23-0356 EA 20" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,942.05	192.59
<i>For DR 25, Deduct</i>	-393.41	
33 14 13 23-0357 EA 24" Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	9,795.05	260.00
<i>For DR 25, Deduct</i>	-556.50	
33 14 13 23-0358 Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0359 EA 6" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	578.85	24.53
<i>For DR 25, Deduct</i>	-31.79	
33 14 13 23-0360 EA 8" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	787.91	25.97
<i>For DR 25, Deduct</i>	-44.16	
33 14 13 23-0361 EA 8" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	807.84	27.42
<i>For DR 25, Deduct</i>	-45.18	
33 14 13 23-0362 EA 10" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,213.84	34.67
<i>For DR 25, Deduct</i>	-68.67	
33 14 13 23-0363 EA 10" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,416.41	36.11
<i>For DR 25, Deduct</i>	-80.65	
33 14 13 23-0364 EA 10" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,556.49	37.56
<i>For DR 25, Deduct</i>	-88.88	
33 14 13 23-0365 EA 12" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,594.95	50.07
<i>For DR 25, Deduct</i>	-89.69	
33 14 13 23-0366 EA 12" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,834.62	51.51
<i>For DR 25, Deduct</i>	-103.89	
33 14 13 23-0367 EA 12" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,948.62	52.96
<i>For DR 25, Deduct</i>	-110.56	
33 14 13 23-0368 EA 12" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,990.85	61.63
<i>For DR 25, Deduct</i>	-112.06	
33 14 13 23-0369 EA 14" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,019.41	57.78
<i>For DR 25, Deduct</i>	-174.23	
33 14 13 23-0370 EA 14" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,142.57	59.22
<i>For DR 25, Deduct</i>	-181.45	
33 14 13 23-0371 EA 14" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,267.07	60.67
<i>For DR 25, Deduct</i>	-188.74	
33 14 13 23-0372 EA 14" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,405.49	69.34
<i>For DR 25, Deduct</i>	-196.01	
33 14 13 23-0373 EA 14" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,556.48	84.74
<i>For DR 25, Deduct</i>	-203.22	
33 14 13 23-0374 EA 16" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,765.76	69.34
<i>For DR 25, Deduct</i>	-217.63	
33 14 13 23-0375 EA 16" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,890.55	70.78
<i>For DR 25, Deduct</i>	-224.94	
33 14 13 23-0376 EA 16" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,014.00	72.22
<i>For DR 25, Deduct</i>	-232.17	
33 14 13 23-0377 EA 16" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,152.32	80.89
<i>For DR 25, Deduct</i>	-239.43	
33 14 13 23-0378 EA 16" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,217.41	96.29
<i>For DR 25, Deduct</i>	-241.49	
33 14 13 23-0379 EA 16" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,439.18	103.99
<i>For DR 25, Deduct</i>	-253.87	
33 14 13 23-0380 EA 18" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,649.05	88.59
<i>For DR 25, Deduct</i>	-268.31	
33 14 13 23-0381 EA 18" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,773.53	90.04
<i>For DR 25, Deduct</i>	-275.61	
33 14 13 23-0382 EA 18" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,897.18	91.48
<i>For DR 25, Deduct</i>	-282.85	
33 14 13 23-0383 EA 18" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,033.70	100.15
<i>For DR 25, Deduct</i>	-290.00	
33 14 13 23-0384 EA 18" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,186.12	115.55
<i>For DR 25, Deduct</i>	-297.30	
33 14 13 23-0385 EA 18" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,321.72	123.26
<i>For DR 25, Deduct</i>	-304.51	
33 14 13 23-0386 EA 18" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,494.39	134.82
<i>For DR 25, Deduct</i>	-313.49	
33 14 13 23-0387 EA 20" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	5,895.50	107.85
<i>For DR 25, Deduct</i>	-340.79	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0388	EA		20" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,104.03	109.29
			<i>For DR 25, Deduct</i>	-353.13	
33 14 13 23-0389	EA		20" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,187.38	110.74
			<i>For DR 25, Deduct</i>	-357.95	
33 14 13 23-0390	EA		20" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,284.30	119.41
			<i>For DR 25, Deduct</i>	-362.73	
33 14 13 23-0391	EA		20" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,394.72	134.82
			<i>For DR 25, Deduct</i>	-367.51	
33 14 13 23-0392	EA		20" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,538.75	142.52
			<i>For DR 25, Deduct</i>	-375.22	
33 14 13 23-0393	EA		20" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,693.07	154.07
			<i>For DR 25, Deduct</i>	-383.10	
33 14 13 23-0394	EA		20" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,817.73	173.33
			<i>For DR 25, Deduct</i>	-388.26	
33 14 13 23-0395	EA		24" x 4" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	6,887.88	141.55
			<i>For DR 25, Deduct</i>	-396.29	
33 14 13 23-0396	EA		24" x 6" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,015.97	143.00
			<i>For DR 25, Deduct</i>	-403.80	
33 14 13 23-0397	EA		24" x 8" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,105.63	144.44
			<i>For DR 25, Deduct</i>	-409.01	
33 14 13 23-0398	EA		24" x 10" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,473.93	153.11
			<i>For DR 25, Deduct</i>	-430.06	
33 14 13 23-0399	EA		24" x 12" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	7,855.85	168.52
			<i>For DR 25, Deduct</i>	-451.13	
33 14 13 23-0400	EA		24" x 14" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,222.28	176.22
			<i>For DR 25, Deduct</i>	-472.19	
33 14 13 23-0401	EA		24" x 16" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,597.92	187.77
			<i>For DR 25, Deduct</i>	-493.34	
33 14 13 23-0402	EA		24" x 18" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	8,986.70	207.03
			<i>For DR 25, Deduct</i>	-514.36	
33 14 13 23-0403	EA		24" x 20" Reducing Cross, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	9,377.01	226.29
			<i>For DR 25, Deduct</i>	-535.47	
33 14 13 23-0404			Couplings, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0405	EA		4" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	118.82	11.54
			<i>For DR 25, Deduct</i>	-5.74	
33 14 13 23-0406	EA		6" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	223.57	12.99
			<i>For DR 25, Deduct</i>	-11.86	
33 14 13 23-0407	EA		8" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	269.40	14.43
			<i>For DR 25, Deduct</i>	-14.43	
33 14 13 23-0408	EA		10" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	382.69	23.11
			<i>For DR 25, Deduct</i>	-20.19	
33 14 13 23-0409	EA		12" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	610.64	28.89
			<i>For DR 25, Deduct</i>	-33.17	
33 14 13 23-0410	EA		14" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,062.21	38.51
			<i>For DR 25, Deduct</i>	-59.11	
33 14 13 23-0411	EA		16" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,257.70	48.15
			<i>For DR 25, Deduct</i>	-69.68	
33 14 13 23-0412	EA		18" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,020.10	77.04
			<i>For DR 25, Deduct</i>	-171.96	
33 14 13 23-0413	EA		20" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,383.37	96.29
			<i>For DR 25, Deduct</i>	-191.45	
33 14 13 23-0414	EA		24" Coupling, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,765.19	129.99
			<i>For DR 25, Deduct</i>	-270.31	
33 14 13 23-0415			Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC) <small>(33 14 13 23-0245)</small>		
33 14 13 23-0416	EA		4" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	147.97	11.54
			<i>For DR 25, Deduct</i>	-7.49	
33 14 13 23-0417	EA		6" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	201.69	12.99
			<i>For DR 25, Deduct</i>	-10.54	
33 14 13 23-0418	EA		8" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	294.31	14.43
			<i>For DR 25, Deduct</i>	-15.93	
33 14 13 23-0419	EA		10" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	402.12	23.11
			<i>For DR 25, Deduct</i>	-21.35	
33 14 13 23-0420	EA		12" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	644.07	38.51
			<i>For DR 25, Deduct</i>	-34.02	
33 14 13 23-0421	EA		14" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	1,722.99	46.22
			<i>For DR 25, Deduct</i>	-97.83	
33 14 13 23-0422	EA		16" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,333.48	57.78
			<i>For DR 25, Deduct</i>	-133.08	
33 14 13 23-0423	EA		18" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	2,873.78	77.04
			<i>For DR 25, Deduct</i>	-163.18	
33 14 13 23-0424	EA		20" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	3,432.37	96.29
			<i>For DR 25, Deduct</i>	-194.39	
33 14 13 23-0425	EA		24" Flanged End x Gasket Joint Adapter, AWWA C900/905, DR 18, PC 235 Polyvinyl Chloride (PVC).....	4,662.96	129.99
			<i>For DR 25, Deduct</i>	-264.18	
33 14 13 23-0426			AWWA C906, High Density Polyethylene (HDPE) Pressure Piping <small>(33 14 13 23)</small>		
			Note: ASTM D3350 pipe, ASTM D2657 heat fusion.		
33 14 13 23-0427			High Density Polyethylene (HDPE) Pressure Pipe <small>(33 14 13 23-0426)</small>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0428 LF 3" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	9.34	2.82
<i>For SDR 19, Add</i>	0.33	
<i>For SDR 17, Add</i>	0.81	
<i>For SDR 15.5, Add</i>	1.18	
<i>For SDR 13.5, Add</i>	1.84	
<i>For SDR 11, Add</i>	2.97	
33 14 13 23-0429 LF 4" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	8.65	3.59
<i>For SDR 26, Deduct</i>	-0.27	
<i>For SDR 19, Add</i>	0.13	
<i>For SDR 17, Add</i>	0.33	
<i>For SDR 15.5, Add</i>	0.48	
<i>For SDR 13.5, Add</i>	0.75	
<i>For SDR 11, Add</i>	1.21	
33 14 13 23-0430 LF 6" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	11.89	4.35
<i>For SDR 26, Deduct</i>	-0.59	
<i>For SDR 19, Add</i>	0.29	
<i>For SDR 17, Add</i>	0.71	
<i>For SDR 15.5, Add</i>	1.04	
<i>For SDR 13.5, Add</i>	1.63	
<i>For SDR 11, Add</i>	2.62	
33 14 13 23-0431 LF 8" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	15.21	4.89
<i>For SDR 26, Deduct</i>	-1.00	
<i>For SDR 19, Add</i>	0.49	
<i>For SDR 17, Add</i>	1.21	
<i>For SDR 15.5, Add</i>	1.77	
<i>For SDR 13.5, Add</i>	2.76	
<i>For SDR 11, Add</i>	4.44	
33 14 13 23-0432 LF 10" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	19.32	5.43
<i>For SDR 26, Deduct</i>	-1.55	
<i>For SDR 19, Add</i>	0.76	
<i>For SDR 17, Add</i>	1.88	
<i>For SDR 15.5, Add</i>	2.75	
<i>For SDR 13.5, Add</i>	4.29	
<i>For SDR 11, Add</i>	6.91	
33 14 13 23-0433 LF 12" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	24.24	6.09
<i>For SDR 26, Deduct</i>	-2.23	
<i>For SDR 19, Add</i>	1.10	
<i>For SDR 17, Add</i>	2.71	
<i>For SDR 15.5, Add</i>	3.96	
<i>For SDR 13.5, Add</i>	6.19	
<i>For SDR 11, Add</i>	9.96	
33 14 13 23-0434 LF 14" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	27.90	6.85
<i>For SDR 26, Deduct</i>	-2.62	
<i>For SDR 19, Add</i>	1.29	
<i>For SDR 17, Add</i>	3.18	
<i>For SDR 15.5, Add</i>	4.66	
<i>For SDR 13.5, Add</i>	7.27	
<i>For SDR 11, Add</i>	11.71	
33 14 13 23-0435 LF 16" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	33.92	7.60
<i>For SDR 26, Deduct</i>	-3.43	
<i>For SDR 19, Add</i>	1.68	
<i>For SDR 17, Add</i>	4.16	
<i>For SDR 15.5, Add</i>	6.09	
<i>For SDR 13.5, Add</i>	9.50	
<i>For SDR 11, Add</i>	15.30	
33 14 13 23-0436 LF 18" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	41.95	9.13
<i>For SDR 26, Deduct</i>	-4.33	
<i>For SDR 19, Add</i>	2.13	
<i>For SDR 17, Add</i>	5.25	
<i>For SDR 15.5, Add</i>	7.69	
<i>For SDR 13.5, Add</i>	12.01	
<i>For SDR 11, Add</i>	19.33	
33 14 13 23-0437 LF 20" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	138.73	10.87
<i>For SDR 26, Deduct</i>	-21.45	
<i>For SDR 19, Add</i>	10.53	
<i>For SDR 17, Add</i>	26.00	
<i>For SDR 15.5, Add</i>	38.07	
<i>For SDR 13.5, Add</i>	59.42	
<i>For SDR 11, Add</i>	95.65	
33 14 13 23-0438 LF 24" DR 21, Butt Fusion Joint High Density Polyethylene (HDPE) Pressure Pipe	68.14	13.04
<i>For SDR 26, Deduct</i>	-7.71	
<i>For SDR 19, Add</i>	3.79	
<i>For SDR 17, Add</i>	9.35	
<i>For SDR 15.5, Add</i>	13.69	
<i>For SDR 13.5, Add</i>	21.36	
<i>For SDR 11, Add</i>	34.38	
33 14 13 23-0439 90 Degree Elbows, High Density Polyethylene (HDPE) Pressure Piping <small>(33 14 13 23-0426)</small>		
33 14 13 23-0440 EA 3" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	56.77	14.43
<i>For SDR 26, Deduct</i>	-2.47	
<i>For SDR 19, Add</i>	1.21	
<i>For SDR 17, Add</i>	3.00	
<i>For SDR 15.5, Add</i>	4.39	
<i>For SDR 13.5, Add</i>	6.85	
<i>For SDR 11, Add</i>	11.02	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0441	EA		4" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	64.16	16.04
			<i>For SDR 26, Deduct</i>	-2.94	
			<i>For SDR 19, Add</i>	1.45	
			<i>For SDR 17, Add</i>	3.57	
			<i>For SDR 15.5, Add</i>	5.23	
			<i>For SDR 13.5, Add</i>	8.16	
			<i>For SDR 11, Add</i>	13.13	
33 14 13 23-0442	EA		6" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	97.67	18.33
			<i>For SDR 26, Deduct</i>	-7.83	
			<i>For SDR 19, Add</i>	3.85	
			<i>For SDR 17, Add</i>	9.49	
			<i>For SDR 15.5, Add</i>	13.90	
			<i>For SDR 13.5, Add</i>	21.70	
			<i>For SDR 11, Add</i>	34.93	
33 14 13 23-0443	EA		8" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	153.48	21.40
			<i>For SDR 26, Deduct</i>	-16.37	
			<i>For SDR 19, Add</i>	8.04	
			<i>For SDR 17, Add</i>	19.85	
			<i>For SDR 15.5, Add</i>	29.06	
			<i>For SDR 13.5, Add</i>	45.37	
			<i>For SDR 11, Add</i>	73.02	
33 14 13 23-0444	EA		10" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	234.60	28.57
			<i>For SDR 26, Deduct</i>	-27.33	
			<i>For SDR 19, Add</i>	13.42	
			<i>For SDR 17, Add</i>	33.13	
			<i>For SDR 15.5, Add</i>	48.51	
			<i>For SDR 13.5, Add</i>	75.72	
			<i>For SDR 11, Add</i>	121.87	
33 14 13 23-0445	EA		12" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	346.55	42.77
			<i>For SDR 26, Deduct</i>	-40.02	
			<i>For SDR 19, Add</i>	19.65	
			<i>For SDR 17, Add</i>	48.51	
			<i>For SDR 15.5, Add</i>	71.04	
			<i>For SDR 13.5, Add</i>	110.88	
			<i>For SDR 11, Add</i>	178.47	
33 14 13 23-0446	EA		14" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	431.37	57.07
			<i>For SDR 26, Deduct</i>	-47.70	
			<i>For SDR 19, Add</i>	23.42	
			<i>For SDR 17, Add</i>	57.83	
			<i>For SDR 15.5, Add</i>	84.69	
			<i>For SDR 13.5, Add</i>	132.18	
			<i>For SDR 11, Add</i>	212.75	
33 14 13 23-0447	EA		16" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	568.13	85.52
			<i>For SDR 26, Deduct</i>	-57.13	
			<i>For SDR 19, Add</i>	28.05	
			<i>For SDR 17, Add</i>	69.25	
			<i>For SDR 15.5, Add</i>	101.41	
			<i>For SDR 13.5, Add</i>	158.29	
			<i>For SDR 11, Add</i>	254.78	
33 14 13 23-0448	EA		18" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	712.74	96.20
			<i>For SDR 26, Deduct</i>	-77.74	
			<i>For SDR 19, Add</i>	38.17	
			<i>For SDR 17, Add</i>	94.24	
			<i>For SDR 15.5, Add</i>	138.01	
			<i>For SDR 13.5, Add</i>	215.41	
			<i>For SDR 11, Add</i>	346.71	
33 14 13 23-0449	EA		20" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	968.70	109.19
			<i>For SDR 26, Deduct</i>	-116.90	
			<i>For SDR 19, Add</i>	57.40	
			<i>For SDR 17, Add</i>	141.71	
			<i>For SDR 15.5, Add</i>	207.53	
			<i>For SDR 13.5, Add</i>	323.92	
			<i>For SDR 11, Add</i>	521.38	
33 14 13 23-0450	EA		24" 90 Degree Elbow, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,236.26	128.34
			<i>For SDR 26, Deduct</i>	-156.07	
			<i>For SDR 19, Add</i>	76.63	
			<i>For SDR 17, Add</i>	189.19	
			<i>For SDR 15.5, Add</i>	277.06	
			<i>For SDR 13.5, Add</i>	432.45	
			<i>For SDR 11, Add</i>	696.05	
33 14 13 23-0451			Tees, High Density Polyethylene (HDPE) Pressure Piping <small>(33 14 13 23-0426)</small>		
33 14 13 23-0452	EA		3" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	62.85	15.10
			<i>For SDR 26, Deduct</i>	-3.23	
			<i>For SDR 19, Add</i>	1.59	
			<i>For SDR 17, Add</i>	3.92	
			<i>For SDR 15.5, Add</i>	5.74	
			<i>For SDR 13.5, Add</i>	8.95	
			<i>For SDR 11, Add</i>	14.41	
33 14 13 23-0453	EA		4" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	72.05	17.11
			<i>For SDR 26, Deduct</i>	-3.81	
			<i>For SDR 19, Add</i>	1.87	
			<i>For SDR 17, Add</i>	4.61	
			<i>For SDR 15.5, Add</i>	6.76	
			<i>For SDR 13.5, Add</i>	10.54	
			<i>For SDR 11, Add</i>	16.97	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 23-0454 EA 6" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	113.44	19.75
<i>For SDR 26, Deduct</i>	-9.95	
<i>For SDR 19, Add</i>	4.88	
<i>For SDR 17, Add</i>	12.06	
<i>For SDR 15.5, Add</i>	17.66	
<i>For SDR 13.5, Add</i>	27.56	
<i>For SDR 11, Add</i>	44.36	
33 14 13 23-0455 EA 8" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	207.58	23.33
<i>For SDR 26, Deduct</i>	-25.23	
<i>For SDR 19, Add</i>	12.39	
<i>For SDR 17, Add</i>	30.58	
<i>For SDR 15.5, Add</i>	44.79	
<i>For SDR 13.5, Add</i>	69.91	
<i>For SDR 11, Add</i>	112.52	
33 14 13 23-0456 EA 10" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	283.98	34.25
<i>For SDR 26, Deduct</i>	-33.24	
<i>For SDR 19, Add</i>	16.32	
<i>For SDR 17, Add</i>	40.29	
<i>For SDR 15.5, Add</i>	59.01	
<i>For SDR 13.5, Add</i>	92.10	
<i>For SDR 11, Add</i>	148.25	
33 14 13 23-0457 EA 12" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	401.57	51.38
<i>For SDR 26, Deduct</i>	-45.39	
<i>For SDR 19, Add</i>	22.28	
<i>For SDR 17, Add</i>	55.02	
<i>For SDR 15.5, Add</i>	80.57	
<i>For SDR 13.5, Add</i>	125.76	
<i>For SDR 11, Add</i>	202.42	
33 14 13 23-0458 EA 14" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	483.72	64.17
<i>For SDR 26, Deduct</i>	-53.40	
<i>For SDR 19, Add</i>	26.22	
<i>For SDR 17, Add</i>	64.73	
<i>For SDR 15.5, Add</i>	94.79	
<i>For SDR 13.5, Add</i>	147.96	
<i>For SDR 11, Add</i>	238.15	
33 14 13 23-0459 EA 16" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	634.68	96.20
<i>For SDR 26, Deduct</i>	-63.41	
<i>For SDR 19, Add</i>	31.13	
<i>For SDR 17, Add</i>	76.87	
<i>For SDR 15.5, Add</i>	112.57	
<i>For SDR 13.5, Add</i>	175.70	
<i>For SDR 11, Add</i>	282.80	
33 14 13 23-0460 EA 18" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	816.84	112.08
<i>For SDR 26, Deduct</i>	-88.10	
<i>For SDR 19, Add</i>	43.26	
<i>For SDR 17, Add</i>	106.80	
<i>For SDR 15.5, Add</i>	156.41	
<i>For SDR 13.5, Add</i>	244.13	
<i>For SDR 11, Add</i>	392.94	
33 14 13 23-0461 EA 20" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,142.60	132.38
<i>For SDR 26, Deduct</i>	-135.83	
<i>For SDR 19, Add</i>	66.69	
<i>For SDR 17, Add</i>	164.65	
<i>For SDR 15.5, Add</i>	241.12	
<i>For SDR 13.5, Add</i>	376.36	
<i>For SDR 11, Add</i>	605.78	
33 14 13 23-0462 EA 24" Tee, DR 21 High Density Polyethylene (HDPE) Pressure Piping.....	1,482.40	160.47
<i>For SDR 26, Deduct</i>	-183.55	
<i>For SDR 19, Add</i>	90.12	
<i>For SDR 17, Add</i>	222.50	
<i>For SDR 15.5, Add</i>	325.85	
<i>For SDR 13.5, Add</i>	508.60	
<i>For SDR 11, Add</i>	818.62	

33 14 13 26 Galvanized Steel Public Water Utility Distribution Piping (33 14 13)

See CSI section 22 11 16 00-0013 for galvanized steel pipe.

33 14 13 36 Steel Public Water Utility Distribution Piping (33 14 13)

33 14 13 36-0001 Steel Piping (33 14 13 36)

33 14 13 36-0002 Welded, Plain End, Uncoated Steel Piping (33 14 13 36-0001)

Note: ASTM A252 steel pipe.

33 14 13 36-0003 Up To 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Piping (33 14 13 36-0002)

33 14 13 36-0004 LF 8" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	110.40	26.23
<i>For <100, Add</i>	11.48	
<i>For >1,000, Deduct</i>	-5.52	
33 14 13 36-0005 LF 8" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	132.90	26.23
<i>For <100, Add</i>	12.61	
<i>For >1,000, Deduct</i>	-6.65	
33 14 13 36-0006 LF 10" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	131.84	28.62
<i>For <100, Add</i>	13.10	
<i>For >1,000, Deduct</i>	-6.59	
33 14 13 36-0007 LF 10" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	160.27	28.62
<i>For <100, Add</i>	14.52	
<i>For >1,000, Deduct</i>	-8.01	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14	13 36-0008	LF	12" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	160.44	29.99
			<i>For <100, Add</i>	14.84	
			<i>For >1,000, Deduct</i>	-8.02	
33 14	13 36-0009	LF	12" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	182.56	29.99
			<i>For <100, Add</i>	15.94	
			<i>For >1,000, Deduct</i>	-9.13	
33 14	13 36-0010	LF	14" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	194.95	33.14
			<i>For <100, Add</i>	17.28	
			<i>For >1,000, Deduct</i>	-9.75	
33 14	13 36-0011	LF	14" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	212.63	33.14
			<i>For <100, Add</i>	18.16	
			<i>For >1,000, Deduct</i>	-10.63	
33 14	13 36-0012	LF	16" Diameter, 3/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	206.95	34.98
			<i>For <100, Add</i>	18.30	
			<i>For >1,000, Deduct</i>	-10.35	
33 14	13 36-0013	LF	16" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	220.60	34.98
			<i>For <100, Add</i>	18.98	
			<i>For >1,000, Deduct</i>	-11.03	
33 14	13 36-0014	LF	18" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	257.18	39.35
			<i>For <100, Add</i>	21.80	
			<i>For >1,000, Deduct</i>	-12.86	
33 14	13 36-0015	LF	20" Diameter, 1/4" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	279.55	39.35
			<i>For <100, Add</i>	22.92	
			<i>For >1,000, Deduct</i>	-13.98	
33 14	13 36-0016		5/16" To 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Piping <small>(33 14)</small>		
			<small>13 36-0002</small>		
33 14	13 36-0017	LF	12" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	222.15	51.34
			<i>For <100, Add</i>	19.18	
			<i>For >1,000, Deduct</i>	-11.11	
33 14	13 36-0018	LF	14" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	264.22	56.48
			<i>For <100, Add</i>	22.13	
			<i>For >1,000, Deduct</i>	-13.21	
33 14	13 36-0019	LF	16" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	293.93	59.05
			<i>For <100, Add</i>	24.11	
			<i>For >1,000, Deduct</i>	-14.70	
33 14	13 36-0020	LF	18" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	331.60	66.75
			<i>For <100, Add</i>	27.17	
			<i>For >1,000, Deduct</i>	-16.58	
33 14	13 36-0021	LF	18" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	346.77	66.75
			<i>For <100, Add</i>	27.93	
			<i>For >1,000, Deduct</i>	-17.34	
33 14	13 36-0022	LF	20" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	360.80	66.75
			<i>For <100, Add</i>	28.63	
			<i>For >1,000, Deduct</i>	-18.04	
33 14	13 36-0023	LF	20" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	376.98	66.75
			<i>For <100, Add</i>	29.44	
			<i>For >1,000, Deduct</i>	-18.85	
33 14	13 36-0024	LF	24" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	437.11	77.02
			<i>For <100, Add</i>	33.96	
			<i>For >1,000, Deduct</i>	-21.86	
33 14	13 36-0025	LF	24" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	487.16	77.02
			<i>For <100, Add</i>	36.46	
			<i>For >1,000, Deduct</i>	-24.36	
33 14	13 36-0026	LF	24" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	610.01	77.02
			<i>For <100, Add</i>	42.60	
			<i>For >1,000, Deduct</i>	-30.50	
33 14	13 36-0027	LF	30" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	544.10	89.86
			<i>For <100, Add</i>	41.33	
			<i>For >1,000, Deduct</i>	-27.21	
33 14	13 36-0028	LF	30" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	564.57	89.86
			<i>For <100, Add</i>	42.35	
			<i>For >1,000, Deduct</i>	-28.23	
33 14	13 36-0029	LF	30" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	757.70	89.86
			<i>For <100, Add</i>	52.01	
			<i>For >1,000, Deduct</i>	-37.89	
33 14	13 36-0030	LF	36" Diameter, 5/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	650.27	89.86
			<i>For <100, Add</i>	46.63	
			<i>For >1,000, Deduct</i>	-32.51	
33 14	13 36-0031	LF	36" Diameter, 3/8" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	762.11	107.82
			<i>For <100, Add</i>	55.05	
			<i>For >1,000, Deduct</i>	-38.11	
33 14	13 36-0032	LF	36" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	911.89	107.82
			<i>For <100, Add</i>	62.54	
			<i>For >1,000, Deduct</i>	-45.59	
33 14	13 36-0033	LF	36" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	874.48	107.82
			<i>For <100, Add</i>	60.67	
			<i>For >1,000, Deduct</i>	-43.72	
33 14	13 36-0034	LF	42" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	1,345.20	120.67
			<i>For <100, Add</i>	86.09	
			<i>For >1,000, Deduct</i>	-67.26	
33 14	13 36-0035	LF	42" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	811.06	120.67
			<i>For <100, Add</i>	59.38	
			<i>For >1,000, Deduct</i>	-40.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 36-0036 LF 48" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	1,542.89	136.07
For <100, Add	98.32	
For >1,000, Deduct	-77.14	
33 14 13 36-0037 LF 48" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	889.45	136.07
For <100, Add	65.65	
For >1,000, Deduct	-44.47	
33 14 13 36-0038 LF 54" Diameter, 7/16" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	1,614.89	154.04
For <100, Add	104.95	
For >1,000, Deduct	-80.74	
33 14 13 36-0039 LF 54" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	1,785.52	154.04
For <100, Add	113.48	
For >1,000, Deduct	-89.28	
33 14 13 36-0040 LF 60" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	1,995.68	179.72
For <100, Add	128.02	
For >1,000, Deduct	-99.78	
33 14 13 36-0041 LF 66" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	1,389.00	179.72
For <100, Add	97.69	
For >1,000, Deduct	-69.45	
33 14 13 36-0042 LF 72" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	1,528.97	147.69
For <100, Add	120.76	
For >1,000, Deduct	-76.45	
33 14 13 36-0043 LF 78" Diameter, 1/2" Wall Thickness Welded, Plain End, Uncoated Steel Pipe.....	2,899.07	147.69
For <100, Add	189.26	
For >1,000, Deduct	-144.95	
33 14 13 36-0044 Flexible Couplings (Dresser Style 38) (33 14 13 36-0001)		
33 14 13 36-0045 EA 2" Dresser Coupling For Plain End Welded Steel Pipe.....	110.51	25.66
33 14 13 36-0046 EA 3" Dresser Coupling For Plain End Welded Steel Pipe.....	162.56	49.35
33 14 13 36-0047 EA 4" Dresser Coupling For Plain End Welded Steel Pipe.....	216.33	65.15
33 14 13 36-0048 EA 6" Dresser Coupling For Plain End Welded Steel Pipe.....	345.08	98.70
33 14 13 36-0049 EA 8" Dresser Coupling For Plain End Welded Steel Pipe.....	451.81	124.36
33 14 13 36-0050 EA 10" Dresser Coupling For Plain End Welded Steel Pipe.....	624.56	152.53
33 14 13 36-0051 EA 12" Dresser Coupling For Plain End Welded Steel Pipe.....	742.01	191.18
33 14 13 36-0052 EA 14" Dresser Coupling For Plain End Welded Steel Pipe.....	798.74	191.18
33 14 13 36-0053 EA 16" Dresser Coupling For Plain End Welded Steel Pipe.....	844.16	218.64
33 14 13 36-0054 EA 18" Dresser Coupling For Plain End Welded Steel Pipe.....	924.69	233.89
33 14 13 36-0055 EA 20" Dresser Coupling For Plain End Welded Steel Pipe.....	1,008.55	264.40
33 14 13 36-0056 EA 24" Dresser Coupling For Plain End Welded Steel Pipe.....	1,269.85	279.65
33 14 13 36-0057 EA 30" Dresser Coupling For Plain End Welded Steel Pipe.....	1,520.38	305.08
33 14 13 36-0058 EA 36" Dresser Coupling For Plain End Welded Steel Pipe.....	1,781.93	343.20
33 14 13 36-0059 EA 42" Dresser Coupling For Plain End Welded Steel Pipe.....	2,056.07	386.42
33 14 13 36-0060 EA 48" Dresser Coupling For Plain End Welded Steel Pipe.....	2,391.86	444.90
33 14 13 36-0061 EA 54" Dresser Coupling For Plain End Welded Steel Pipe.....	2,653.88	508.46
33 14 13 36-0062 EA 60" Dresser Coupling For Plain End Welded Steel Pipe.....	3,059.22	635.57
33 14 13 36-0063 EA 66" Dresser Coupling For Plain End Welded Steel Pipe.....	3,527.51	772.86
33 14 13 36-0064 EA 72" Dresser Coupling For Plain End Welded Steel Pipe.....	4,204.95	915.22
33 14 13 39 Copper Public Water Utility Distribution Piping (33 14 13)		
33 14 13 39-0001 Type L Copper Water Distribution Piping (33 14 13 39)		
33 14 13 39-0002 LF 1/2" Type L Copper Water Distribution Pipe.....	6.68	1.85
33 14 13 39-0003 LF 3/4" Type L Copper Water Distribution Pipe.....	8.37	2.08
33 14 13 39-0004 LF 1" Type L Copper Water Distribution Pipe.....	11.05	2.31
33 14 13 39-0005 LF 1-1/4" Type L Copper Water Distribution Pipe.....	13.79	2.77
33 14 13 39-0006 LF 1-1/2" Type L Copper Water Distribution Pipe.....	16.97	3.70
33 14 13 39-0007 LF 2" Type L Copper Water Distribution Pipe.....	24.62	4.62
33 14 13 39-0008 LF 2-1/2" Type L Copper Water Distribution Pipe.....	31.19	5.55
33 14 13 39-0009 LF 3" Type L Copper Water Distribution Pipe.....	39.05	6.11
33 14 13 39-0010 LF 3-1/2" Type L Copper Water Distribution Pipe.....	52.50	7.68
33 14 13 39-0011 LF 4" Type L Copper Water Distribution Pipe.....	69.30	9.71
33 14 13 39-0012 LF 5" Type L Copper Water Distribution Pipe.....	111.25	12.12
33 14 13 39-0013 LF 6" Type L Copper Water Distribution Pipe.....	143.61	14.61
33 14 13 39-0014 LF 8" Type L Copper Water Distribution Pipe.....	246.52	16.36
33 14 13 39-0015 Type K Copper Water Distribution Piping (33 14 13 39)		
33 14 13 39-0016 LF 1/2" Type K Copper Water Distribution Pipe.....	7.10	1.85
33 14 13 39-0017 LF 3/4" Type K Copper Water Distribution Pipe.....	9.85	2.08
33 14 13 39-0018 LF 1" Type K Copper Water Distribution Pipe.....	12.53	2.31
33 14 13 39-0019 LF 1-1/4" Type K Copper Water Distribution Pipe.....	14.70	2.77
33 14 13 39-0020 LF 1-1/2" Type K Copper Water Distribution Pipe.....	18.33	3.70
33 14 13 39-0021 LF 2" Type K Copper Water Distribution Pipe.....	26.44	4.62
33 14 13 39-0022 LF 2-1/2" Type K Copper Water Distribution Pipe.....	36.24	5.55
33 14 13 39-0023 LF 3" Type K Copper Water Distribution Pipe.....	46.61	6.11
33 14 13 39-0024 LF 3-1/2" Type K Copper Water Distribution Pipe.....	61.39	7.68
33 14 13 39-0025 LF 4" Type K Copper Water Distribution Pipe.....	82.78	9.71
33 14 13 39-0026 LF 5" Type K Copper Water Distribution Pipe.....	139.15	12.12
33 14 13 39-0027 LF 6" Type K Copper Water Distribution Pipe.....	193.79	14.61
33 14 13 39-0028 LF 8" Type K Copper Water Distribution Pipe.....	339.13	16.36

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**33 14 13 43 Public Water Utility Distribution Piping Coatings and Wraps (33 14 13)****33 14 13 43-0001 Pipe Coatings (33 14 13 43)****33 14 13 43-0002 Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating (33 14 13 43-0001)**

Note: Applied at fabrication shop.

33 14 13 43-0003	LF	8" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	2.61
33 14 13 43-0004	LF	10" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	3.10
33 14 13 43-0005	LF	12" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	3.66
33 14 13 43-0006	LF	14" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	4.87
33 14 13 43-0007	LF	16" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	5.55
33 14 13 43-0008	LF	18" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	5.84
33 14 13 43-0009	LF	20" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	6.29
33 14 13 43-0010	LF	24" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	7.33
33 14 13 43-0011	LF	30" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	9.62
33 14 13 43-0012	LF	36" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	15.20
33 14 13 43-0013	LF	42" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	32.76
33 14 13 43-0014	LF	48" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	37.44
33 14 13 43-0015	LF	54" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	42.12
33 14 13 43-0016	LF	60" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	46.80
33 14 13 43-0017	LF	66" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	51.48
33 14 13 43-0018	LF	72" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	56.14
33 14 13 43-0019	LF	78" Outside Diameter Of Pipe, Coal Tar Epoxy, Wrapped With Kraft Paper, Pipe Coating	60.84

33 14 13 43-0020 Cement Coating With Fiberglass Or Wire Mesh Reinforcing (33 14 13 43-0001)

Note: Applied at fabrication shop. Thickness ranging between 1" and 2".

33 14 13 43-0021	LF	4" Diameter Cement Coated Pipe 1" To 2" Mesh	7.36
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0022	LF	6" Diameter Cement Coated Pipe 1" To 2" Mesh	9.06
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0023	LF	8" Diameter Cement Coated Pipe 1" To 2" Mesh	11.33
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0024	LF	10" Diameter Cement Coated Pipe 1" To 2" Mesh	12.62
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0025	LF	12" Diameter Cement Coated Pipe 1" To 2" Mesh	14.25
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0026	LF	14" Diameter Cement Coated Pipe 1" To 2" Mesh	16.68
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0027	LF	16" Diameter Cement Coated Pipe 1" To 2" Mesh	18.95
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0028	LF	18" Diameter Cement Coated Pipe 1" To 2" Mesh	21.38
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0029	LF	20" Diameter Cement Coated Pipe 1" To 2" Mesh	23.76
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0030	LF	24" Diameter Cement Coated Pipe 1" To 2" Mesh	28.51
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0031	LF	30" Diameter Cement Coated Pipe 1" To 2" Mesh	35.64
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0032	LF	36" Diameter Cement Coated Pipe 1" To 2" Mesh	42.76
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0033	LF	42" Diameter Cement Coated Pipe 1" To 2" Mesh	25.10
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0034	LF	48" Diameter Cement Coated Pipe 1" To 2" Mesh	28.68
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0035	LF	54" Diameter Cement Coated Pipe 1" To 2" Mesh	32.27
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0036	LF	60" Diameter Cement Coated Pipe 1" To 2" Mesh	35.85
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0037	LF	66" Diameter Cement Coated Pipe 1" To 2" Mesh	39.44
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0038	LF	72" Diameter Cement Coated Pipe 1" To 2" Mesh	43.02
		Note: Reinforcing applied at fabrication shop.	
33 14 13 43-0039	LF	78" Diameter Cement Coated Pipe 1" To 2" Mesh	46.61
		Note: Reinforcing applied at fabrication shop.	

33 14 13 43-0040 Pipe Lining (33 14 13 43)**33 14 13 43-0041 Cement Pipe Lining (33 14 13 43-0040)**

Note: Shop applied.

33 14 13 43-0042	LF	4" Outside Diameter, 1/4" Thick Cement Pipe Lining	12.07
		For 1/2" Thick, Add	0.98
33 14 13 43-0043	LF	6" Outside Diameter, 1/4" Thick Cement Pipe Lining	14.99
		For 1/2" Thick, Add	1.21
33 14 13 43-0044	LF	8" Outside Diameter, 1/4" Thick Cement Pipe Lining	18.29
		For 1/2" Thick, Add	1.51
33 14 13 43-0045	LF	10" Outside Diameter, 1/4" Thick Cement Pipe Lining	23.76
		For 1/2" Thick, Add	1.89
33 14 13 43-0046	LF	12" Outside Diameter, 1/4" Thick Cement Pipe Lining	29.26
		For 1/2" Thick, Add	2.27
33 14 13 43-0047	LF	14" Outside Diameter, 1/4" Thick Cement Pipe Lining	37.46
		For 1/2" Thick, Add	2.66
33 14 13 43-0048	LF	16" Outside Diameter, 1/4" Thick Cement Pipe Lining	48.67
		For 1/2" Thick, Add	3.02

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 43-0049 LF 18" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	58.21	
<i>For 1/2" Thick, Add</i>	2.90	
33 14 13 43-0050 LF 20" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	70.40	
<i>For 1/2" Thick, Add</i>	3.22	
33 14 13 43-0051 LF 24" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	85.37	
<i>For 1/2" Thick, Add</i>	3.86	
33 14 13 43-0052 LF 30" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	102.69	
<i>For 1/2" Thick, Add</i>	4.83	
33 14 13 43-0053 LF 36" Outside Diameter, 5/16" Thick Cement Pipe Lining.....	123.58	
<i>For 1/2" Thick, Add</i>	5.79	
33 14 13 43-0054 LF 42" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	144.21	
<i>For 1/2" Thick, Add</i>	4.97	
33 14 13 43-0055 LF 48" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	164.75	
<i>For 1/2" Thick, Add</i>	5.68	
33 14 13 43-0056 LF 54" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	185.37	
<i>For 1/2" Thick, Add</i>	6.39	
33 14 13 43-0057 LF 60" Outside Diameter, 3/8" Thick Cement Pipe Lining.....	206.00	
<i>For 1/2" Thick, Add</i>	7.10	
33 14 13 43-0058 LF 66" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	226.54	
<i>For 1/2" Thick, Add</i>	4.16	
33 14 13 43-0059 LF 72" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	247.16	
<i>For 1/2" Thick, Add</i>	4.54	
33 14 13 43-0060 LF 78" Outside Diameter, 7/16" Thick Cement Pipe Lining.....	267.80	
<i>For 1/2" Thick, Add</i>	4.92	
33 14 13 43-0061 Cement Fitting Lining <small>(33 14 13 43-0040)</small>		
Note: Shop applied.		
33 14 13 43-0062 EA 4" Outside Diameter, 1/4" Thick Cement Fitting Lining	12.07	
<i>For 1/2" Thick, Add</i>	0.98	
33 14 13 43-0063 EA 6" Outside Diameter, 1/4" Thick Cement Fitting Lining	14.99	
<i>For 1/2" Thick, Add</i>	1.21	
33 14 13 43-0064 EA 8" Outside Diameter, 1/4" Thick Cement Fitting Lining	23.25	
<i>For 1/2" Thick, Add</i>	1.96	
33 14 13 43-0065 EA 10" Outside Diameter, 1/4" Thick Cement Fitting Lining	38.38	
<i>For 1/2" Thick, Add</i>	3.02	
33 14 13 43-0066 EA 12" Outside Diameter, 1/4" Thick Cement Fitting Lining	58.52	
<i>For 1/2" Thick, Add</i>	4.54	
33 14 13 43-0067 EA 14" Outside Diameter, 1/4" Thick Cement Fitting Lining	86.97	
<i>For 1/2" Thick, Add</i>	6.11	
33 14 13 43-0068 EA 16" Outside Diameter, 1/4" Thick Cement Fitting Lining	128.77	
<i>For 1/2" Thick, Add</i>	7.85	
33 14 13 43-0069 EA 18" Outside Diameter, 5/16" Thick Cement Fittings Lining	174.63	
<i>For 1/2" Thick, Add</i>	8.69	
33 14 13 43-0070 EA 20" Outside Diameter, 5/16" Thick Cement Fitting Lining	234.56	
<i>For 1/2" Thick, Add</i>	10.72	
33 14 13 43-0071 EA 24" Outside Diameter, 5/16" Thick Cement Fitting Lining	341.49	
<i>For 1/2" Thick, Add</i>	15.44	
33 14 13 43-0072 8 Mil Polyethylene Encasement Tubing <small>(33 14 13 43)</small>		
Note: ANSI/AWWA C105/A21.5-99 section 4.2.		
33 14 13 43-0073 LF 3" To 8" Diameter, 8 Mil Polyethylene Encasement Tubing.....	1.86	
33 14 13 43-0074 LF 10" To 12" Diameter, 8 Mil Polyethylene Encasement Tubing.....	2.98	
33 14 13 43-0075 LF 14" To 16" Diameter, 8 Mil Polyethylene Encasement Tubing.....	3.57	
33 14 13 43-0076 LF 18" To 20" Diameter, 8 Mil Polyethylene Encasement Tubing.....	4.46	
33 14 13 43-0077 LF 24" Diameter, 8 Mil Polyethylene Encasement Tubing	6.01	
33 14 13 43-0078 LF 30" Diameter, 8 Mil Polyethylene Encasement Tubing	7.68	
33 14 13 43-0079 LF 36" To 42" Diameter, 8 Mil Polyethylene Encasement Tubing.....	9.82	
33 14 13 43-0080 LF 48" Diameter, 8 Mil Polyethylene Encasement Tubing	11.68	
33 14 13 43-0081 LF 54" Diameter, 8 Mil Polyethylene Encasement Tubing	13.75	
33 14 13 43-0082 LF 60" Diameter, 8 Mil Polyethylene Encasement Tubing	14.62	
33 14 13 53 Public Water Utility Distribution Piping Saddles And Adapters <small>(33 14 13)</small>		
33 14 13 53-0001 Double Stud Stainless Steel Service Saddles <small>(33 14 13 53)</small>		
Note: 1/2" listed taps are compression, 3/4" to 2" are either compression or NPT.		
33 14 13 53-0002 EA 4" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	251.08	
33 14 13 53-0003 EA 4" Diameter x 1-1/4" Or 1-1/2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	355.38	
33 14 13 53-0004 EA 4" Diameter x 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372).....	366.81	
33 14 13 53-0005 EA 6" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	301.66	
33 14 13 53-0006 EA 6" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372).....	380.29	
33 14 13 53-0007 EA 8" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	315.02	
33 14 13 53-0008 EA 8" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372).....	398.12	
33 14 13 53-0009 EA 10" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	355.33	
33 14 13 53-0010 EA 10" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372)	419.38	
33 14 13 53-0011 EA 12" Diameter x 1/2", 3/4" Or 1" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372).....	370.40	
33 14 13 53-0012 EA 12" Diameter x 1-1/4", 1-1/2" Or 2" Tap Double Stud Stainless Steel Service Saddle (Smith-Blair 372).....	430.73	
33 14 13 53-0013 Double Bale Epoxy Coated Ductile Iron Body Service Saddles <small>(33 14 13 53)</small>		
Note: Electro-galvanized steel bales. 5/8" listed taps are compression. 3/4" to 2" are either compression or NPT. 2-1/2", 3" or 4" are NPT.		

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 53-0014	EA		1-1/4" To 1-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	208.28	
33 14 13 53-0015	EA		2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	208.43	
33 14 13 53-0016	EA		2" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	221.72	
33 14 13 53-0017	EA		2-1/2" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	212.04	
33 14 13 53-0018	EA		3" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	226.88	
33 14 13 53-0019	EA		3" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	251.32	
33 14 13 53-0020	EA		3" Diameter x 2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	267.33	
33 14 13 53-0021	EA		4" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	244.22	
33 14 13 53-0022	EA		4" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	268.86	
33 14 13 53-0023	EA		4" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	282.47	
33 14 13 53-0024	EA		5" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	257.65	
33 14 13 53-0025	EA		5" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	283.09	
33 14 13 53-0026	EA		5" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	296.62	
33 14 13 53-0027	EA		6" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	271.56	
33 14 13 53-0028	EA		6" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	296.24	
33 14 13 53-0029	EA		6" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	309.60	
33 14 13 53-0030	EA		6" Diameter x 3" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	457.18	
33 14 13 53-0031	EA		6" Diameter x 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	468.61	
33 14 13 53-0032	EA		8" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	294.32	
33 14 13 53-0033	EA		8" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	324.25	
33 14 13 53-0034	EA		8" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	336.61	
33 14 13 53-0035	EA		8" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	542.17	
33 14 13 53-0036	EA		10" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	330.13	
33 14 13 53-0037	EA		10" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	366.12	
33 14 13 53-0038	EA		10" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	606.19	
33 14 13 53-0039	EA		12" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	359.51	
33 14 13 53-0040	EA		12" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	397.59	
33 14 13 53-0041	EA		12" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	411.76	
33 14 13 53-0042	EA		12" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	677.36	
33 14 13 53-0043	EA		14" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	420.72	
33 14 13 53-0044	EA		14" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	450.48	
33 14 13 53-0045	EA		14" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	485.41	
33 14 13 53-0046	EA		14" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	834.58	
33 14 13 53-0047	EA		15" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	432.17	
33 14 13 53-0048	EA		15" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	493.03	
33 14 13 53-0049	EA		15" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	513.56	
33 14 13 53-0050	EA		15" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	897.41	
33 14 13 53-0051	EA		16" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	451.60	
33 14 13 53-0052	EA		16" Diameter x 1-1/4" To 1-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	514.70	
33 14 13 53-0053	EA		16" Diameter x 2" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	535.79	
33 14 13 53-0054	EA		16" Diameter x 3" To 4" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	933.93	
33 14 13 53-0055	EA		18" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	500.55	
33 14 13 53-0056	EA		18" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	579.61	
33 14 13 53-0057	EA		20" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	571.54	
33 14 13 53-0058	EA		20" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	633.05	
33 14 13 53-0059	EA		24" Diameter x 5/8" To 1" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	596.99	
33 14 13 53-0060	EA		24" Diameter x 1-1/4" To 2-1/2" Tap Double Bale Epoxy Coated Ductile Iron Body Service Saddle (Smith-Blair 313).....	674.62	

33 14 13 53-0061 Double Bale Bronze Service Saddles (33 14 13 53)

33 14 13 53-0062	EA		4" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	289.77	
33 14 13 53-0063	EA		4" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	317.06	
33 14 13 53-0064	EA		6" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	329.58	
33 14 13 53-0065	EA		6" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	357.12	
33 14 13 53-0066	EA		8" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	367.73	
33 14 13 53-0067	EA		8" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	386.49	
33 14 13 53-0068	EA		10" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	355.76	
33 14 13 53-0069	EA		10" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	378.53	
33 14 13 53-0070	EA		12" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	453.19	
33 14 13 53-0071	EA		12" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	490.39	
33 14 13 53-0072	EA		14" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	685.72	
33 14 13 53-0073	EA		14" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	775.43	
33 14 13 53-0074	EA		16" Diameter x 3/4" To 1" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	798.18	
33 14 13 53-0075	EA		16" Diameter x 1-1/4" To 2" Tap Double Bale Bronze Service Saddle (Mueller BR2B).....	891.67	

33 14 13 53-0076 Stainless Steel Double Straps, Bronze Body Service Saddle (33 14 13 53)

Note: Taps are compression or NPT.

33 14 13 53-0077	EA		4" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	304.84	
33 14 13 53-0078	EA		4" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	336.08	
33 14 13 53-0079	EA		6" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	347.38	
33 14 13 53-0080	EA		6" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	377.45	
33 14 13 53-0081	EA		8" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	389.73	
33 14 13 53-0082	EA		8" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S).....	409.67	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 14 13 53-0083	EA	10" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	439.63	
33 14 13 53-0084	EA	10" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	470.68	
33 14 13 53-0085	EA	12" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	473.35	
33 14 13 53-0086	EA	12" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	513.15	
33 14 13 53-0087	EA	14" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	735.68	
33 14 13 53-0088	EA	14" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	846.08	
33 14 13 53-0089	EA	16" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	857.46	
33 14 13 53-0090	EA	16" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	934.69	
33 14 13 53-0091	EA	18" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,816.32	
33 14 13 53-0092	EA	18" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,816.32	
33 14 13 53-0093	EA	20" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,884.28	
33 14 13 53-0094	EA	20" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	1,884.28	
33 14 13 53-0095	EA	24" Diameter x 3/4" To 1" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,022.78	
33 14 13 53-0096	EA	24" Diameter x 1-1/4" To 2" Tap Stainless Steel Double Straps, Bronze Body Service Saddle (Mueller BR2S)	2,022.78	

33 14 13 53-0097 Ductile Iron Mechanical Joint Tapping Sleeve (33 14 13 53)

33 14 13 53-0098	EA	4" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,371.58	
33 14 13 53-0099	EA	6" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,655.56	
33 14 13 53-0100	EA	8" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	1,980.72	
33 14 13 53-0101	EA	8" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	2,097.13	
33 14 13 53-0102	EA	10" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,204.22	
33 14 13 53-0103	EA	10" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,367.45	
33 14 13 53-0104	EA	10" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,437.01	
33 14 13 53-0105	EA	12" Diameter x 4" Or 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,375.79	
33 14 13 53-0106	EA	12" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,538.37	
33 14 13 53-0107	EA	12" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	3,935.68	
33 14 13 53-0108	EA	12" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	4,035.93	
33 14 13 53-0109	EA	14" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,785.61	
33 14 13 53-0110	EA	14" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	6,969.42	
33 14 13 53-0111	EA	14" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,051.63	
33 14 13 53-0112	EA	14" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,086.51	
33 14 13 53-0113	EA	14" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,346.72	
33 14 13 53-0114	EA	16" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,333.81	
33 14 13 53-0115	EA	16" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,356.70	
33 14 13 53-0116	EA	16" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,562.20	
33 14 13 53-0117	EA	16" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,610.05	
33 14 13 53-0118	EA	16" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	7,662.78	
33 14 13 53-0119	EA	16" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,787.58	
33 14 13 53-0120	EA	16" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	8,036.63	
33 14 13 53-0121	EA	18" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,221.85	
33 14 13 53-0122	EA	18" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,686.87	
33 14 13 53-0123	EA	18" Diameter x 8", 10", 12" Or 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	10,815.72	
33 14 13 53-0124	EA	18" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,208.00	
33 14 13 53-0125	EA	20" Diameter x 4" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,550.60	
33 14 13 53-0126	EA	20" Diameter x 6" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,195.91	
33 14 13 53-0127	EA	20" Diameter x 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,372.80	
33 14 13 53-0128	EA	20" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,441.37	
33 14 13 53-0129	EA	20" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	9,786.21	
33 14 13 53-0130	EA	20" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,265.55	
33 14 13 53-0131	EA	20" Diameter x 16", 18" Or 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	13,521.87	
33 14 13 53-0132	EA	24" Diameter x 4", 6" Or 8" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,547.38	
33 14 13 53-0133	EA	24" Diameter x 10" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,706.45	
33 14 13 53-0134	EA	24" Diameter x 12" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	11,751.71	
33 14 13 53-0135	EA	24" Diameter x 14" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,315.54	
33 14 13 53-0136	EA	24" Diameter x 16" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,525.25	
33 14 13 53-0137	EA	24" Diameter x 18" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	16,571.00	
33 14 13 53-0138	EA	24" Diameter x 20" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,026.62	
33 14 13 53-0139	EA	24" Diameter x 24" Tap Ductile Iron Mechanical Joint Tapping Sleeve (Mueller H-615)	17,242.22	

33 14 13 53-0140 Carbon Steel Epoxy Coated Flange, Stainless Steel Tapping Sleeve (33 14 13 53)

33 14 13 53-0141	EA	4" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,131.04	
33 14 13 53-0142	EA	6" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,198.18	
33 14 13 53-0143	EA	6" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,311.87	
33 14 13 53-0144	EA	8" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,347.38	
33 14 13 53-0145	EA	8" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,403.53	
33 14 13 53-0146	EA	8" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,616.76	
33 14 13 53-0147	EA	10" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,469.23	
33 14 13 53-0148	EA	10" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,523.88	
33 14 13 53-0149	EA	10" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,711.19	
33 14 13 53-0150	EA	10" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,379.79	
33 14 13 53-0151	EA	12" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,649.94	
33 14 13 53-0152	EA	12" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,730.57	
33 14 13 53-0153	EA	12" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	1,914.90	
33 14 13 53-0154	EA	12" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,513.73	
33 14 13 53-0155	EA	12" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,745.10	
33 14 13 53-0156	EA	14" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,177.53	
33 14 13 53-0157	EA	14" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,244.05	
33 14 13 53-0158	EA	14" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,640.79	
33 14 13 53-0159	EA	14" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,132.90	
33 14 13 53-0160	EA	14" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,452.54	

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 14 13 53-0161	EA	16" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,589.51	
33 14 13 53-0162	EA	16" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,658.23	
33 14 13 53-0163	EA	16" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,920.49	
33 14 13 53-0164	EA	16" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,624.81	
33 14 13 53-0165	EA	16" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,790.46	
33 14 13 53-0166	EA	18" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,739.65	
33 14 13 53-0167	EA	18" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	2,864.99	
33 14 13 53-0168	EA	18" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,039.55	
33 14 13 53-0169	EA	18" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,868.52	
33 14 13 53-0170	EA	18" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,033.98	
33 14 13 53-0171	EA	20" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,312.49	
33 14 13 53-0172	EA	20" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,381.05	
33 14 13 53-0173	EA	20" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,774.10	
33 14 13 53-0174	EA	20" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,439.44	
33 14 13 53-0175	EA	20" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,721.14	
33 14 13 53-0176	EA	24" Diameter x 4" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,571.70	
33 14 13 53-0177	EA	24" Diameter x 6" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,723.24	
33 14 13 53-0178	EA	24" Diameter x 8" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	3,928.21	
33 14 13 53-0179	EA	24" Diameter x 10" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	4,873.01	
33 14 13 53-0180	EA	24" Diameter x 12" Epoxy Coated Carbon Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 662)	5,045.57	

33 14 13 53-0181 Stainless Steel Flange, Stainless Steel Tapping Sleeve (33 14 13 53)

33 14 13 53-0182	EA	4" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,312.09	
33 14 13 53-0183	EA	6" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,426.85	
33 14 13 53-0184	EA	6" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,511.13	
33 14 13 53-0185	EA	8" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,538.66	
33 14 13 53-0186	EA	8" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,635.89	
33 14 13 53-0187	EA	8" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,928.48	
33 14 13 53-0188	EA	10" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,765.36	
33 14 13 53-0189	EA	10" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	1,873.30	
33 14 13 53-0190	EA	10" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,135.44	
33 14 13 53-0191	EA	10" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,894.71	
33 14 13 53-0192	EA	12" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,013.48	
33 14 13 53-0193	EA	12" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,160.99	
33 14 13 53-0194	EA	12" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,507.66	
33 14 13 53-0195	EA	12" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,959.62	
33 14 13 53-0196	EA	12" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,304.91	
33 14 13 53-0197	EA	14" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,297.31	
33 14 13 53-0198	EA	14" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,478.51	
33 14 13 53-0199	EA	14" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,868.99	
33 14 13 53-0200	EA	14" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,321.39	
33 14 13 53-0201	EA	14" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,560.16	
33 14 13 53-0202	EA	16" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	2,807.09	
33 14 13 53-0203	EA	16" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,055.21	
33 14 13 53-0204	EA	16" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,244.01	
33 14 13 53-0205	EA	16" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,730.53	
33 14 13 53-0206	EA	16" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,060.23	
33 14 13 53-0207	EA	18" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,090.84	
33 14 13 53-0208	EA	18" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,462.20	
33 14 13 53-0209	EA	18" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,659.31	
33 14 13 53-0210	EA	18" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,086.70	
33 14 13 53-0211	EA	18" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,652.50	
33 14 13 53-0212	EA	20" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,333.23	
33 14 13 53-0213	EA	20" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,703.63	
33 14 13 53-0214	EA	20" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,863.58	
33 14 13 53-0215	EA	20" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,659.83	
33 14 13 53-0216	EA	20" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,102.55	
33 14 13 53-0217	EA	24" Diameter x 4" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	3,954.71	
33 14 13 53-0218	EA	24" Diameter x 6" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,006.51	
33 14 13 53-0219	EA	24" Diameter x 8" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	4,198.51	
33 14 13 53-0220	EA	24" Diameter x 10" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,149.17	
33 14 13 53-0221	EA	24" Diameter x 12" Stainless Steel Flange, Stainless Steel Tapping Sleeve (Smith-Blair 663)	5,656.07	

33 14 13 53-0222 Ductile Iron Body, Flanged Coupling Adapter (33 14 13 53)

33 14 13 53-0223	EA	3" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	324.53	57.63
33 14 13 53-0224	EA	4" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	406.57	72.66
33 14 13 53-0225	EA	6" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	534.10	100.23
33 14 13 53-0226	EA	8" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	693.50	117.76
33 14 13 53-0227	EA	10" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,094.66	132.79
33 14 13 53-0228	EA	12" Ductile Iron Body, Flanged Coupling Adapter (Smith-Blair 912)	1,222.69	150.34

33 14 13 53-0229 Steel Body, Flanged Coupling Adapter (33 14 13 53)

33 14 13 53-0230	EA	3" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	476.39	57.63
33 14 13 53-0231	EA	4" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	562.83	72.66
33 14 13 53-0232	EA	6" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	751.16	100.23
33 14 13 53-0233	EA	8" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	919.41	117.76
33 14 13 53-0234	EA	10" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,123.64	132.79
33 14 13 53-0235	EA	12" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,309.84	150.34
33 14 13 53-0236	EA	14" Steel Body, Flanged Coupling Adapter (Smith-Blair 913)	1,557.61	165.36

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 13 53-0237 EA 16" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	1,846.40	180.40
33 14 13 53-0238 EA 18" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,182.11	198.45
33 14 13 53-0239 EA 20" Steel Body, Flanged Coupling Adapter (Smith-Blair 913).....	2,580.38	218.28
33 14 13 53-0240 Steel Body, Flanged-Lock Restrained Coupling Adapters (33 14 13 53)		
33 14 13 53-0241 EA 4" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	416.73	72.66
33 14 13 53-0242 EA 6" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	559.17	100.23
33 14 13 53-0243 EA 8" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	618.48	117.76
33 14 13 53-0244 EA 10" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	907.10	132.79
33 14 13 53-0245 EA 12" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,157.30	150.34
33 14 13 53-0246 EA 14" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,298.38	165.36
33 14 13 53-0247 EA 16" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,527.68	180.40
33 14 13 53-0248 EA 18" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	1,714.83	198.45
33 14 13 53-0249 EA 20" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	2,062.98	218.28
33 14 13 53-0250 EA 24" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	2,487.50	240.13
33 14 13 53-0251 EA 30" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	5,205.49	264.09
33 14 13 53-0252 EA 36" Steel Body, Flanged-Lock Restrained Coupling Adapter (Smith-Blair 911).....	7,032.10	290.54
33 14 13 53-0253 Ductile Iron Body, Omni Coupling System (33 14 13 53)		
33 14 13 53-0254 EA 2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	145.26	40.09
33 14 13 53-0255 EA 2-1/2" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	179.38	47.61
33 14 13 53-0256 EA 3" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	222.20	57.63
33 14 13 53-0257 EA 4" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	279.01	72.66
33 14 13 53-0258 EA 6" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	371.91	100.23
33 14 13 53-0259 EA 8" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	452.28	117.76
33 14 13 53-0260 EA 10" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	566.52	132.79
33 14 13 53-0261 EA 12" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	663.03	150.34
33 14 13 53-0262 EA 14" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	936.93	165.36
33 14 13 53-0263 EA 16" Ductile Iron Body, Omni Coupling System (Smith-Blair 441).....	1,171.47	180.40
33 14 19 Valves and Hydrants for Water Utility Service (33 14)		
Note: Flanged valves excludes bolt and gasket set. Excludes excavation and backfill. See CSI section 23 21 13 23-0713 for bolt and gasket sets.		
33 14 19 00-0001 Water Utility Distribution Valves (33 14 19)		
33 14 19 00-0002 Angle Valves (33 14 19 00-0001)		
Note: For connecting meters to water service.		
33 14 19 00-0003 Threaded, Class 150, Bronze Angle Valve (33 14 19 00-0002)		
Note: Nibco T-335Y		
33 14 19 00-0004 EA 1/2" Threaded, Class 150, Bronze Angle Valve.....	98.28	17.15
33 14 19 00-0005 EA 3/4" Threaded, Class 150, Bronze Angle Valve.....	132.53	23.04
33 14 19 00-0006 EA 1" Threaded, Class 150, Bronze Angle Valve.....	178.75	28.40
33 14 19 00-0007 EA 1-1/4" Threaded, Class 150, Bronze Angle Valve.....	230.19	35.68
33 14 19 00-0008 EA 1-1/2" Threaded, Class 150, Bronze Angle Valve.....	287.69	41.26
33 14 19 00-0009 EA 2" Threaded, Class 150, Bronze Angle Valve.....	430.08	48.23
33 14 19 00-0010 EA 2-1/2" Threaded, Class 150, Bronze Angle Valve.....	689.72	65.83
33 14 19 00-0011 EA 3" Threaded, Class 150, Bronze Angle Valve.....	1,048.67	76.00
33 14 19 00-0012 Butterfly Valves (33 14 19 00-0001)		
33 14 19 00-0013 Lug Type Flanged, Cast Iron Disc, Butterfly Valves (33 14 19 00-0012)		
Note: ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0014 EA 3" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	1,889.03	182.20
33 14 19 00-0015 EA 3" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,3,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified).....	2,114.03	182.20
33 14 19 00-0016 EA 4" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	2,124.28	281.99
33 14 19 00-0017 EA 4" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,4,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified).....	2,347.36	281.99
33 14 19 00-0018 EA 6" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	2,444.16	338.73
33 14 19 00-0019 EA 6" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,6,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified).....	2,667.24	338.73
33 14 19 00-0020 EA 8" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	2,770.74	432.82
33 14 19 00-0021 EA 8" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,8,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified).....	2,982.53	432.82

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0022	EA	10" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	3,462.48	526.91
33 14 19 00-0023	EA	10" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,10,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8).....	4,717.55	526.91
33 14 19 00-0024	EA	12" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD8 Modified).....	3,962.44	638.66
33 14 19 00-0025	EA	12" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,12,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW8 Modified).....	4,185.52	638.66
33 14 19 00-0026	EA	14" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD12 Modified).....	5,339.76	923.09
33 14 19 00-0027	EA	14" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,14,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW12 Modified).....	5,923.09	923.09
33 14 19 00-0028	EA	16" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD16 Modified).....	6,220.53	1,015.40
33 14 19 00-0029	EA	16" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,16,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW20 Modified).....	6,935.92	1,015.40
33 14 19 00-0030	EA	18" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified).....	7,800.03	1,126.17
33 14 19 00-0031	EA	18" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,18,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified).....	8,557.72	1,126.17
33 14 19 00-0032	EA	20" Handwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-HD24 Modified).....	8,939.12	1,269.25
33 14 19 00-0033	EA	20" Chainwheel Operated, Flanged, ANSI Class 125, Cast Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Cast Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,20,F1,CI,NBRN-NBR,150B,CI-S2*GS-6B-CW24 Modified).....	9,695.53	1,269.25
33 14 19 00-0034		Lug Type Flanged, Ductile Iron Disc, Butterfly Valves <small>(33 14 19 00-0012)</small>		
		Note: ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, 304 Stainless Steel Pin		
33 14 19 00-0035	EA	24" Chainwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-CW20 Modified).....	14,943.14	1,557.72
33 14 19 00-0036	EA	24" Cylinder Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12-PC10 Modified).....	23,340.14	1,557.72
33 14 19 00-0037	EA	24" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,24,F1,DI,NBRN-NBR,150B,DI-S2*GS-12A-HD20 Modified).....	14,898.14	1,557.72
33 14 19 00-0038	EA	30" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,30,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified).....	30,555.32	2,455.46
33 14 19 00-0039	EA	36" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,36,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD24 Modified).....	36,177.44	3,273.94
33 14 19 00-0040	EA	42" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,42,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR3L-HD32 Modified).....	45,963.65	4,910.92
33 14 19 00-0041	EA	48" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,48,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR4L-HD24 Modified).....	60,053.31	6,138.65
33 14 19 00-0042	EA	54" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,54,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD24 Modified).....	101,376.97	7,366.38
33 14 19 00-0043	EA	60" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,60,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR6L-HD36 Modified).....	127,032.56	8,839.65
33 14 19 00-0044	EA	72" Handwheel Operated, Flanged, ANSI Class 125, Ductile Iron Body, Acrylonitrile-Butadiene Packing, Acrylonitrile-Butadiene Seat, Class AWWA C-504, Ductile Iron Disc, 304 Stainless Steel Pin, Butterfly Valve (DeZurik BAW,72,F1,DI,NBRN-NBR,150B,DI-S2*MG-WR8L-HD36 Modified).....	182,279.48	10,607.58
33 14 19 00-0045	LF	3/16" Link, 316 Stainless Steel Chain For Use With Dezurik Chainwheel.....	17.00	
33 14 19 00-0046	EA	316 Stainless Steel Closing Link For Use With Dezurik Chainwheel.....	9.00	
		Note: One required per valve.		
33 14 19 00-0047		Check Valves <small>(33 14 19 00-0001)</small>		
33 14 19 00-0048		Flanged, Swing Type Gravity Operated Check Valves <small>(33 14 19 00-0047)</small>		
		Note: AWWA C508. Bronze disc facing. Mueller A-2600-6.		
33 14 19 00-0049	EA	2-1/2" Flanged, Swing Type Gravity Operated Check Valve.....	1,013.05	143.11
33 14 19 00-0050	EA	3" Flanged, Swing Type Gravity Operated Check Valve.....	1,043.59	167.79
33 14 19 00-0051	EA	4" Flanged, Swing Type Gravity Operated Check Valve.....	1,450.20	212.20
33 14 19 00-0052	EA	4" x 6" Flanged, Swing Type Gravity Operated Check Valve.....	2,009.09	319.28
33 14 19 00-0053	EA	4" x 8" Flanged, Swing Type Gravity Operated Check Valve.....	2,088.50	356.59
33 14 19 00-0054	EA	6" Flanged, Swing Type Gravity Operated Check Valve.....	1,992.31	355.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0055 EA 6" x 8" Flanged, Swing Type Gravity Operated Check Valve	2,599.37	403.88
33 14 19 00-0056 EA 6" x 10" Flanged, Swing Type Gravity Operated Check Valve.....	2,714.81	454.01
33 14 19 00-0057 EA 8" Flanged, Swing Type Gravity Operated Check Valve.....	2,827.71	454.01
33 14 19 00-0058 EA 10" Flanged, Swing Type Gravity Operated Check Valve.....	4,752.64	552.71
33 14 19 00-0059 EA 12" Flanged, Swing Type Gravity Operated Check Valve.....	7,187.15	414.53
33 14 19 00-0060 EA 14" Flanged, Swing Type Gravity Operated Check Valve.....	10,146.73	923.09
33 14 19 00-0061 EA 16" Flanged, Swing Type Gravity Operated Check Valve.....	13,457.48	1,015.40
33 14 19 00-0062 EA 18" Flanged, Swing Type Gravity Operated Check Valve.....	19,459.85	1,126.17
33 14 19 00-0063 EA 20" Flanged, Swing Type Gravity Operated Check Valve.....	22,648.73	1,269.25
33 14 19 00-0064 Threaded, Bronze, Swing Type Check Valves (33 14 19 00-0047)		
Note: Class 125. Watts WCV-2, Nibco T-413.		
33 14 19 00-0065 EA 1/4" Threaded, Bronze, Swing Type Check Valve	48.45	17.26
33 14 19 00-0066 EA 3/8" Threaded, Bronze, Swing Type Check Valve	50.09	17.26
33 14 19 00-0067 EA 1/2" Threaded, Bronze, Swing Type Check Valve	47.18	17.26
33 14 19 00-0068 EA 3/4" Threaded, Bronze, Swing Type Check Valve	62.67	23.31
33 14 19 00-0069 EA 1" Threaded, Bronze, Swing Type Check Valve	72.89	28.19
33 14 19 00-0070 EA 1-1/4" Threaded, Bronze, Swing Type Check Valve	103.23	35.68
33 14 19 00-0071 EA 1-1/2" Threaded, Bronze, Swing Type Check Valve.....	125.85	41.26
33 14 19 00-0072 EA 2" Threaded, Bronze, Swing Type Check Valve	164.48	48.23
33 14 19 00-0073 EA 2-1/2" Threaded, Bronze, Swing Type Check Valve.....	244.18	65.83
33 14 19 00-0074 Combination Air Release Valves (33 14 19 00-0001)		
33 14 19 00-0075 EA 1" Combination Air Release Valve.....	624.01	20.72
33 14 19 00-0076 EA 2" Combination Air Release Valve.....	1,006.43	35.53
33 14 19 00-0077 Corporation Stop And Curb Valve (33 14 19 00-0001)		
Note: AWWA C800		
33 14 19 00-0078 Ball Corporation Valves (33 14 19 00-0077)		
Note: Mueller B-25000.		
33 14 19 00-0079 EA 3/4" Ball Corporation Valve (Mueller B-25000)	78.00	20.72
33 14 19 00-0080 EA 1" Ball Corporation Valve (Mueller B-25000)	97.96	25.66
33 14 19 00-0081 EA 1-1/2" Ball Corporation Valve (Mueller B-25000)	174.79	37.51
33 14 19 00-0082 EA 2" Ball Corporation Valve (Mueller B-25000)	262.37	44.41
33 14 19 00-0083 Gate Valve, AWWA C500 And C509 (33 14 19 00-0001)		
33 14 19 00-0084 Gate Valve, Flanged (33 14 19 00-0083)		
Note: Mueller A-2380-6.		
33 14 19 00-0085 EA 2" Gate Valve, Flanged.....	634.81	131.56
33 14 19 00-0086 EA 2-1/2" Gate Valve, Flanged.....	741.02	143.11
33 14 19 00-0087 EA 3" Gate Valve, Flanged.....	876.42	167.79
33 14 19 00-0088 EA 4" Gate Valve, Flanged.....	1,165.17	210.22
33 14 19 00-0089 EA 6" Gate Valve, Flanged.....	1,441.27	355.31
33 14 19 00-0090 EA 8" Gate Valve, Flanged.....	2,119.70	454.01
33 14 19 00-0091 EA 10" Gate Valve, Flanged.....	3,163.07	552.71
33 14 19 00-0092 EA 12" Gate Valve, Flanged.....	3,813.88	414.53
33 14 19 00-0093 EA 14" Gate Valve, Flanged.....	8,282.37	923.09
33 14 19 00-0094 EA 16" Gate Valve, Flanged.....	10,795.04	1,015.40
33 14 19 00-0095 EA 18" Gate Valve, Flanged.....	16,999.79	1,126.17
33 14 19 00-0096 EA 20" Gate Valve, Flanged.....	20,312.95	1,269.25
33 14 19 00-0097 Resilient Wedge Gate Valve, Flanged Watts 406-NRS-RW (33 14 19 00-0083)		
33 14 19 00-0098 EA 2" Resilient Wedge Gate Valve, Flanged.....	608.20	131.56
33 14 19 00-0099 EA 2-1/2" Resilient Wedge Gate Valve, Flanged.....	709.24	143.11
33 14 19 00-0100 EA 3" Resilient Wedge Gate Valve, Flanged.....	838.70	167.79
33 14 19 00-0101 EA 4" Resilient Wedge Gate Valve, Flanged.....	1,123.01	210.22
33 14 19 00-0102 EA 6" Resilient Wedge Gate Valve, Flanged.....	1,384.90	355.31
33 14 19 00-0103 EA 8" Resilient Wedge Gate Valve, Flanged.....	2,031.65	454.01
33 14 19 00-0104 EA 10" Resilient Wedge Gate Valve, Flanged.....	3,023.15	552.71
33 14 19 00-0105 EA 12" Resilient Wedge Gate Valve, Flanged.....	3,644.94	414.53
33 14 19 00-0106 Gate Valve, Mechanical Joint (33 14 19 00-0083)		
Note: Mueller A-2380-20.		
33 14 19 00-0107 EA 2" Gate Valve, Mechanical Joint.....	746.79	105.11
33 14 19 00-0108 EA 2-1/2" Gate Valve, Mechanical Joint.....	814.27	131.76
33 14 19 00-0109 EA 3" Gate Valve, Mechanical Joint.....	1,021.32	159.40
33 14 19 00-0110 EA 4" Gate Valve, Mechanical Joint.....	1,224.04	210.22
33 14 19 00-0111 EA 6" Gate Valve, Mechanical Joint.....	1,533.70	246.74
33 14 19 00-0112 EA 8" Gate Valve, Mechanical Joint.....	2,210.45	296.09
33 14 19 00-0113 EA 10" Gate Valve, Mechanical Joint.....	3,205.77	345.44
33 14 19 00-0114 EA 12" Gate Valve, Mechanical Joint.....	4,007.77	414.53
33 14 19 00-0115 EA 14" Gate Valve, Mechanical Joint.....	8,788.13	565.39
33 14 19 00-0116 EA 16" Gate Valve, Mechanical Joint.....	11,336.80	634.63
33 14 19 00-0117 EA 18" Gate Valve, Mechanical Joint.....	17,969.59	703.85
33 14 19 00-0118 EA 20" Gate Valve, Mechanical Joint.....	21,359.96	793.28

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0119			Resilient Wedge Gate Valve, Mechanical Joint (33 14 19 00-0083) Note: Mueller A-2360-20.		
33 14 19 00-0120	EA		2" Resilient Wedge Gate Valve, Mechanical Joint	716.41	105.11
33 14 19 00-0121	EA		3" Resilient Wedge Gate Valve, Mechanical Joint	981.55	159.40
33 14 19 00-0122	EA		4" Resilient Wedge Gate Valve, Mechanical Joint	1,178.55	210.22
33 14 19 00-0123	EA		6" Resilient Wedge Gate Valve, Mechanical Joint	1,474.83	246.74
33 14 19 00-0124	EA		8" Resilient Wedge Gate Valve, Mechanical Joint	2,118.86	296.09
33 14 19 00-0125	EA		10" Resilient Wedge Gate Valve, Mechanical Joint	3,063.42	345.44
33 14 19 00-0126	EA		12" Resilient Wedge Gate Valve, Mechanical Joint	3,827.82	414.53
33 14 19 00-0127			Resilient Wedge Gate Valve, Mechanical Joint X Flange Joint (33 14 19 00-0083) Note: Mueller A-2361.		
33 14 19 00-0128	EA		14" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	7,966.42	923.09
33 14 19 00-0129	EA		16" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	8,660.43	1,015.40
33 14 19 00-0130	EA		18" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	13,503.80	1,126.17
33 14 19 00-0131	EA		20" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	16,117.57	1,269.25
33 14 19 00-0132	EA		24" Resilient Wedge Gate Valve, Mechanical Joint X Flanged Joint	22,892.74	1,557.72
33 14 19 00-0133			Gate Valve, Threaded, WW-V-51 Class A, Type 1 (33 14 19 00-0083) Note: NIBCO T-113.		
33 14 19 00-0134	EA		1/4" Gate Valve, Bronze, Threaded	56.89	17.26
33 14 19 00-0135	EA		3/8" Gate Valve, Bronze, Threaded	58.53	17.26
33 14 19 00-0136	EA		1/2" Gate Valve, Bronze, Threaded	57.83	17.26
33 14 19 00-0137	EA		3/4" Gate Valve, Bronze, Threaded	74.30	23.31
33 14 19 00-0138	EA		1" Gate Valve, Bronze, Threaded	91.70	28.19
33 14 19 00-0139	EA		1-1/4" Gate Valve, Bronze, Threaded	125.04	35.68
33 14 19 00-0140	EA		1-1/2" Gate Valve, Bronze, Threaded	145.13	41.26
33 14 19 00-0141	EA		2" Gate Valve, Bronze, Threaded	176.29	48.23
33 14 19 00-0142	EA		2-1/2" Gate Valve, Bronze, Threaded	343.93	65.83
33 14 19 00-0143	EA		3" Gate Valve, Bronze, Threaded	412.70	75.51
33 14 19 00-0144			Globe Valve, AWWA (33 14 19 00-0001)		
33 14 19 00-0145			Globe Valve, Threaded, WW-V-51 Class B, Type 1 (33 14 19 00-0144) Note: NIBCO T-235.		
33 14 19 00-0146	EA		1/8" Globe Valve, Threaded	81.22	17.26
33 14 19 00-0147	EA		1/4" Globe Valve, Threaded	77.92	17.26
33 14 19 00-0148	EA		3/8" Globe Valve, Threaded	79.56	17.26
33 14 19 00-0149	EA		1/2" Globe Valve, Threaded	81.22	17.26
33 14 19 00-0150	EA		3/4" Globe Valve, Threaded	110.32	23.31
33 14 19 00-0151	EA		1" Globe Valve, Threaded	155.47	28.19
33 14 19 00-0152	EA		1-1/4" Globe Valve, Threaded	228.10	35.68
33 14 19 00-0153	EA		1-1/2" Globe Valve, Threaded	272.50	41.26
33 14 19 00-0154	EA		2" Globe Valve, Threaded	381.57	48.23
33 14 19 00-0155	EA		2-1/2" Globe Valve, Threaded	703.83	65.83
33 14 19 00-0156	EA		3" Globe Valve, Threaded	965.72	75.90
33 14 19 00-0157			Tapping Valve, AWWA C500 And C509 (33 14 19 00-0001)		
33 14 19 00-0158			Tapping Valve, AWWA C500 And C509 (33 14 19 00-0157) Note: Flanged inlet X mechanical joint, Mueller H-667.		
33 14 19 00-0159	EA		2" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	888.37	131.56
33 14 19 00-0160	EA		3" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,144.35	167.79
33 14 19 00-0161	EA		4" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,423.97	210.22
33 14 19 00-0162	EA		6" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	1,836.75	355.31
33 14 19 00-0163	EA		8" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	2,626.90	454.01
33 14 19 00-0164	EA		10" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	3,779.44	552.71
33 14 19 00-0165	EA		12" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	5,549.46	414.53
33 14 19 00-0166	EA		14" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	10,067.59	923.09
33 14 19 00-0167	EA		16" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	12,685.44	1,015.40
33 14 19 00-0168	EA		18" Resilient Wedge Tapping Gate Valve, Mechanical Joint X Flanged Joint	20,351.78	1,126.17
33 14 19 00-0169			Accessories For Valves (33 14 19)		
33 14 19 00-0170	EA		1' Valve Extension Stem	111.31	
			<i>For Each Additional LF, Add</i>	8.21	
33 14 19 00-0171	EA		Up to 80" Long Indicator Post Telescoping Barrel Assembly	1,597.96	98.70
			Note: Excludes valve.		
33 14 19 00-0172	EA		>80" To 114" Long Indicator Post Telescoping Barrel Assembly	1,813.29	108.57
			Note: Excludes valve.		
33 14 19 00-0173	EA		Adjust Water Valve Box To Grade	98.70	
33 14 19 00-0174			Fire Hydrants (33 14 19) Note: Breakaway type.		
33 14 19 00-0175			Three Way, Standard (Traditional) Model Fire Hydrant (33 14 19 00-0174) Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0176 EA 1-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,544.36	263.45
33 14 19 00-0177 EA 2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,610.87	263.45
33 14 19 00-0178 EA 2-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,677.55	263.45
33 14 19 00-0179 EA 3' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,762.73	282.27
33 14 19 00-0180 EA 3-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,829.31	282.27
33 14 19 00-0181 EA 4' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,919.47	305.79
33 14 19 00-0182 EA 4-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,985.94	305.79
33 14 19 00-0183 EA 5' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,076.12	329.31
33 14 19 00-0184 EA 5-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,142.69	329.31
33 14 19 00-0185 EA 6' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,232.69	352.84
33 14 19 00-0186 EA 6-1/2' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,322.76	376.36
33 14 19 00-0187 EA 7' Burial Section, 4-1/2" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,436.25	423.40
33 14 19 00-0188 EA 1-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,605.06	263.45
33 14 19 00-0189 EA 2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,691.37	263.45
33 14 19 00-0190 EA 2-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,777.47	263.45
33 14 19 00-0191 EA 3' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,882.39	282.27
33 14 19 00-0192 EA 3-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	3,968.49	282.27
33 14 19 00-0193 EA 4' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,078.43	305.79
33 14 19 00-0194 EA 4-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,164.42	305.79
33 14 19 00-0195 EA 5' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,274.13	329.31
33 14 19 00-0196 EA 5-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,360.21	329.31
33 14 19 00-0197 EA 6' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,469.69	352.84
33 14 19 00-0198 EA 6-1/2' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,579.52	376.36
33 14 19 00-0199 EA 7' Burial Section, 5-1/4" Valve, Three Way, Standard Type (Traditional) Fire Hydrant.....	4,712.51	423.40

33 14 19 00-0200

Two Way, Standard (Traditional) Model Fire Hydrant (33 14 19 00-0174)

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0201 EA 1-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,179.28	263.45
33 14 19 00-0202 EA 2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,245.56	263.45
33 14 19 00-0203 EA 2-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,312.22	263.45
33 14 19 00-0204 EA 3' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,397.68	282.27
33 14 19 00-0205 EA 3-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,464.04	282.27
33 14 19 00-0206 EA 4' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,554.05	305.79
33 14 19 00-0207 EA 4-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,620.62	305.79
33 14 19 00-0208 EA 5' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,710.86	329.31
33 14 19 00-0209 EA 5-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,777.29	329.31
33 14 19 00-0210 EA 6' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,867.65	352.84
33 14 19 00-0211 EA 6-1/2' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,957.30	376.36
33 14 19 00-0212 EA 7' Burial Section, 4-1/2" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,070.93	423.40
33 14 19 00-0213 EA 1-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,273.04	263.45
33 14 19 00-0214 EA 2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,359.16	263.45
33 14 19 00-0215 EA 2-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,445.15	263.45
33 14 19 00-0216 EA 3' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,550.29	282.27
33 14 19 00-0217 EA 3-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,636.17	282.27
33 14 19 00-0218 EA 4' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,745.96	305.79
33 14 19 00-0219 EA 4-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,831.89	305.79
33 14 19 00-0220 EA 5' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	3,941.88	329.31
33 14 19 00-0221 EA 5-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,027.76	329.31
33 14 19 00-0222 EA 6' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,137.54	352.84
33 14 19 00-0223 EA 6-1/2' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,246.95	376.36
33 14 19 00-0224 EA 7' Burial Section, 5-1/4" Valve, Two Way, Standard Type (Traditional) Fire Hydrant.....	4,380.41	423.40

33 14 19 00-0225

Three Way, Modern Model Fire Hydrant (33 14 19 00-0174)

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0226 EA 1-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,699.58	263.45
33 14 19 00-0227 EA 2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,785.57	263.45
33 14 19 00-0228 EA 2-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,871.82	263.45
33 14 19 00-0229 EA 3' Burial Section, Three Way, Modern Type Fire Hydrant.....	3,976.79	282.27
33 14 19 00-0230 EA 3-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,062.84	282.27
33 14 19 00-0231 EA 4' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,172.46	305.79
33 14 19 00-0232 EA 4-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,258.63	305.79
33 14 19 00-0233 EA 5' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,368.27	329.31
33 14 19 00-0234 EA 5-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,454.35	329.31
33 14 19 00-0235 EA 6' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,563.98	329.31
33 14 19 00-0236 EA 6-1/2' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,673.86	376.36
33 14 19 00-0237 EA 7' Burial Section, Three Way, Modern Type Fire Hydrant.....	4,805.95	376.36

33 14 19 00-0238

Two Way, Modern Model Fire Hydrant (33 14 19 00-0174)

Note: Mechanical joint shoe. Includes shoe, lower barrel and upper barrel (hydrant).

33 14 19 00-0239 EA 1-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,621.32	263.45
33 14 19 00-0240 EA 2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,686.76	263.45
33 14 19 00-0241 EA 2-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,752.93	263.45
33 14 19 00-0242 EA 3' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,836.42	282.27
33 14 19 00-0243 EA 3-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,901.84	282.27
33 14 19 00-0244 EA 4' Burial Section, Two Way, Modern Type Fire Hydrant.....	2,990.78	305.79
33 14 19 00-0245 EA 4-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,056.18	305.79
33 14 19 00-0246 EA 5' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,145.20	329.31
33 14 19 00-0247 EA 5-1/2' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,210.43	329.31
33 14 19 00-0248 EA 6' Burial Section, Two Way, Modern Type Fire Hydrant.....	3,299.40	352.84

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 19 00-0249 EA 6-1/2' Burial Section, Two Way, Modern Type Fire Hydrant	3,388.43	376.36
33 14 19 00-0250 EA 7' Burial Section, Two Way, Modern Type Fire Hydrant	3,500.08	423.40
33 14 19 00-0251 Fire Hydrant Extension Kits (33 14 19 00-0174)		
33 14 19 00-0252 EA 6" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	541.29	23.52
33 14 19 00-0253 EA 12" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	642.36	29.40
33 14 19 00-0254 EA 18" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	698.91	35.29
33 14 19 00-0255 EA 24" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	792.56	43.52
33 14 19 00-0256 EA 30" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,207.85	45.28
33 14 19 00-0257 EA 36" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,290.76	47.04
33 14 19 00-0258 EA 42" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,309.50	49.40
33 14 19 00-0259 EA 48" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,382.71	52.92
33 14 19 00-0260 EA 54" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,521.62	63.51
33 14 19 00-0261 EA 60" Long, 4-1/2" Diameter, Fire Hydrant Extension Kit	1,600.65	76.45
33 14 19 00-0262 EA 6" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	602.31	26.35
33 14 19 00-0263 EA 12" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	712.24	31.99
33 14 19 00-0264 EA 18" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	816.46	38.57
33 14 19 00-0265 EA 24" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	910.25	47.99
33 14 19 00-0266 EA 30" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,254.91	49.87
33 14 19 00-0267 EA 36" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,338.83	51.75
33 14 19 00-0268 EA 42" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,395.91	54.57
33 14 19 00-0269 EA 48" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,635.56	58.34
33 14 19 00-0270 EA 54" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,789.28	69.62
33 14 19 00-0271 EA 60" Long, 5-1/4" Diameter, Fire Hydrant Extension Kit	1,874.26	83.74
33 14 19 00-0272 Removal And Reinstallation Of Standard Fire Hydrant (33 14 19 00-0174)		
Note: Includes all necessary fittings for resetting, storage and cleaning. Excludes excavation, backfill and thrust blocking around fire hydrant.		
33 14 19 00-0273 EA Up To 5' Burial Section, Removal And Reinstallation Of Fire Hydrant	752.72	
33 14 19 00-0274 EA >5' Burial Section, Removal And Reinstallation Of Fire Hydrant	1,097.72	
33 14 19 00-0275 EA Reset Fire Hydrant Upper Barrel	1,029.08	
Note: Includes Safety Repair Kit		
33 14 19 00-0276 Yard Hydrants (33 14 19)		
Note: With 3/4" hose thread outlet.		
33 14 19 00-0277 EA 2' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	357.83	32.15
33 14 19 00-0278 EA 4' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	385.36	32.15
33 14 19 00-0279 EA 6' Bury Depth Yard Hydrant, 3/4" Galvanized Column And 3/4" Threaded Hose Outlet	412.88	32.15
33 14 19 00-0280 EA 2' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	305.82	40.72
33 14 19 00-0281 EA 4' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	320.47	40.72
33 14 19 00-0282 EA 6' Bury Depth Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	335.12	40.72
33 14 19 00-0283 Sanitary Yard Hydrants (33 14 19)		
Note: With 3/4" hose thread outlet.		
33 14 19 00-0284 EA 2' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,654.88	66.99
33 14 19 00-0285 EA 4' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,740.90	66.99
33 14 19 00-0286 EA 6' Bury Depth Sanitary Yard Hydrant, 1" Galvanized Column And 3/4" Threaded Hose Outlet	1,826.91	66.99
33 14 19 00-0287 Flushing Hydrants (33 14 19)		
33 14 19 00-0288 EA 2" Inlet x 2-1/2" Outlet Steel Flushing Hydrant, 3' Bury Depth	835.16	41.31
33 14 23 Enclosures for Water Utility Piping and Valves (33 14)		
Note: Excludes excavation and backfill. See CSI section 22 11 19 00-0464 for Enclosures.		
33 14 23 00-0001 Roadway Utility Box (33 14 23)		
33 14 23 00-0002 Utility Box (33 14 23 00-0001)		
Note: Christy Concrete Products.		
33 14 23 00-0003 B3 Utility Box, 9-3/8" x 15-1/2" (33 14 23 00-0002)		
33 14 23 00-0004 EA 9-3/8" x 15-1/2" Precast Concrete Utility Box	114.97	48.91
33 14 23 00-0005 EA Cast Iron Lid For 9-3/8" x 15-1/2" Utility Box	120.36	5.44
33 14 23 00-0006 EA Reinforced Concrete Lid For 9-3/8" x 15-1/2" Utility Box	49.39	5.44
33 14 23 00-0007 EA Steel Checkered Plate Cover For 9-3/8" x 15-1/2" Utility Box	264.67	5.44
33 14 23 00-0008 EA 12-1/8" x 18-5/8" Reinforced Concrete Slab For 9-3/8" x 15-1/2" Utility Box	69.30	10.87
33 14 23 00-0009 EA 3" High Reinforced Concrete Base For 9-3/8" x 15-1/2" Utility Box	100.66	10.87
33 14 23 00-0010 B9 Utility Box, 10-1/4" x 17-1/4" (33 14 23 00-0002)		
33 14 23 00-0011 EA 10-1/4" x 17-1/4" Precast Concrete Utility Box	138.81	65.22
33 14 23 00-0012 EA Cast Iron Lid For 10-1/4" x 17-1/4" Utility Box	140.96	6.52
33 14 23 00-0013 EA Reinforced Concrete Lid For 10-1/4" x 17-1/4" Utility Box	54.70	6.52
33 14 23 00-0014 EA Steel Checkered Plate Cover For 10-1/4" x 17-1/4" Utility Box	277.72	5.44
33 14 23 00-0015 EA 13" x 19-3/4" Reinforced Concrete Slab For 10-1/4" x 17-1/4" Utility Box	77.92	10.87
33 14 23 00-0016 EA 5-3/4" High Reinforced Concrete Base For 10-1/4" x 17-1/4" Utility Box	103.96	16.31
33 14 23 00-0017 EA 12" High Reinforced Concrete Extension For 10-1/4" x 17-1/4" Utility Box	120.81	29.89

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0018 B12 Utility Box, 12" x 20" <small>(33 14 23 00-0002)</small>		
33 14 23 00-0019 EA 12" x 20" Precast Concrete Utility Box.....	152.71	70.65
33 14 23 00-0020 EA Cast Iron Lid For 12" x 20" Utility Box.....	254.63	8.15
33 14 23 00-0021 EA Reinforced Concrete Lid For 12" x 20" Utility Box.....	72.89	10.87
33 14 23 00-0022 EA Steel Checkered Plate Cover For 12" x 20" Utility Box.....	372.74	10.87
33 14 23 00-0023 EA 12" High Reinforced Concrete Extension For 12" x 20" Utility Box.....	157.74	38.04
33 14 23 00-0024 B16 Utility Box, 12" x 22-1/4" <small>(33 14 23 00-0002)</small>		
33 14 23 00-0025 EA 12" x 22-1/4" Precast Concrete Utility Box.....	175.64	82.60
33 14 23 00-0026 EA Cast Iron Lid For 12" x 22-1/4" Utility Box.....	287.34	10.87
33 14 23 00-0027 EA Reinforced Concrete Lid For 12" x 22-1/4" Utility Box.....	90.68	10.87
33 14 23 00-0028 EA Steel Checkered Plate Cover For 12" x 22-1/4" Utility Box.....	374.85	10.87
33 14 23 00-0029 EA 16" x 27" Reinforced Concrete Slab For 12" x 22-1/4" Utility Box.....	126.59	14.88
33 14 23 00-0030 EA 12" High Reinforced Concrete Extension For 12" x 22-1/4" Utility Box.....	160.69	38.04
33 14 23 00-0031 B30 Utility Box, 13-1/4" x 24" <small>(33 14 23 00-0002)</small>		
33 14 23 00-0032 EA 13-1/4" x 24" Precast Concrete Utility Box (Christy B30BOX).....	211.78	97.82
33 14 23 00-0033 EA Reinforced Concrete Lid For 13-1/4" x 24" Utility Box (Christy B30D).....	121.50	17.39
33 14 23 00-0034 EA Steel Checkered Plate Cover For 13-1/4" x 24" Utility Box (Christy B30-61G).....	463.25	14.13
33 14 23 00-0035 EA 16" x 27" Reinforced Concrete Slab For 13-1/4" x 24" Utility Box (Christy B30SL).....	126.59	18.48
33 14 23 00-0036 EA 5-1/2" High Reinforced Concrete Base For 13-1/4" x 24" Utility Box (Christy B30BA).....	193.44	30.44
33 14 23 00-0037 EA 6" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X6).....	151.79	20.65
33 14 23 00-0038 EA 12" High Reinforced Concrete Extension For 13-1/4" x 24" Utility Box (Christy B30X12).....	208.30	48.91
33 14 23 00-0039 B36 Utility Box, 17-1/4" x 30" <small>(33 14 23 00-0002)</small>		
33 14 23 00-0040 EA 17-1/4" x 30" Precast Concrete Utility Box (Christy B36BOX).....	277.22	123.91
33 14 23 00-0041 EA Reinforced Concrete Lid For 17-1/4" x 30" Utility Box (Christy B36D).....	197.61	29.89
33 14 23 00-0042 EA Steel Checkered Plate Cover For 17-1/4" x 30" Utility Box (Christy B36-61D).....	580.04	20.65
33 14 23 00-0043 EA 20" x 34" Reinforced Concrete Slab For 17-1/4" x 30" Utility Box (Christy B36SL).....	175.27	39.13
33 14 23 00-0044 EA 6" High Reinforced Concrete Base For 17-1/4" x 30" Utility Box (Christy B36BA).....	301.81	43.47
33 14 23 00-0045 EA 12" High Reinforced Concrete Extension For 17-1/4" x 30" Utility Box (Christy B36X12).....	278.63	63.04
33 14 23 00-0046 B40 Utility Box, 24-1/2" x 36" <small>(33 14 23 00-0002)</small>		
33 14 23 00-0047 EA 24-1/2" x 36" Precast Concrete Utility Box.....	581.04	191.30
33 14 23 00-0048 EA Reinforced Concrete Lid For 24-1/2" x 36" Utility Box.....	543.08	71.73
33 14 23 00-0049 EA Steel Checkered Plate Cover For 24-1/2" x 36" Utility Box.....	823.37	31.52
33 14 23 00-0050 EA 30" x 40" Reinforced Concrete Slab For 24-1/2" x 36" Utility Box.....	442.04	67.39
33 14 23 00-0051 EA 10" High Reinforced Concrete Extension For 24-1/2" x 36" Utility Box.....	469.18	70.65
33 14 23 00-0052 B48 Utility Box, 30-1/4" x 48-1/4" <small>(33 14 23 00-0002)</small>		
33 14 23 00-0053 EA 30-1/4" x 48-1/4" Precast Concrete Utility Box.....	729.70	217.38
33 14 23 00-0054 EA 1 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box.....	744.09	118.47
33 14 23 00-0055 EA 2 Piece Reinforced Concrete Lid For 30-1/4" x 48-1/4" Utility Box.....	945.30	118.47
33 14 23 00-0056 EA 2 Piece Steel Checkered Plate Cover For 30-1/4" x 48-1/4" Utility Box.....	1,302.50	54.35
33 14 23 00-0057 EA 36" x 53" Reinforced Concrete Slab For 30-1/4" x 48-1/4" Utility Box.....	631.19	146.73
33 14 23 00-0058 EA 10" High Reinforced Concrete Extension For 30-1/4" x 48-1/4" Utility Box.....	577.23	98.91
33 14 23 00-0059 Roadway Or Curb Valve Boxes <small>(33 14 23)</small>		
33 14 23 00-0060 Round Head, Cast Iron Service, Roadway Or Valve Boxes <small>(33 14 23 00-0059)</small>		
33 14 23 00-0061 EA 36" To 48" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	264.93	13.03
Note: Includes cover, top section and bottom section.		
33 14 23 00-0062 EA 36" To 54" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	309.91	13.03
Note: Includes cover, top section and bottom section.		
33 14 23 00-0063 EA 42" To 60" High, Two Piece, Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	311.99	13.03
Note: Includes cover, top section and bottom section.		
33 14 23 00-0064 EA 9" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	77.01	6.51
33 14 23 00-0065 EA 16" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	88.92	6.51
33 14 23 00-0066 EA 24" Extension For Screw Type, 2-1/2" Shaft, Round Head, Cast Iron Service Box.....	106.84	6.51
33 14 23 00-0067 EA 36" To 48" High, Screw Type, 4-1/4" Shaft, Round Head, Cast Iron Roadway Box.....	402.89	16.29
Note: Includes cover, top section and bottom section.		
33 14 23 00-0068 EA 45" To 54" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	703.27	22.80
Note: Includes cover, top section, bottom section and #6 round base.		
33 14 23 00-0069 EA 45" To 66" High, Three Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	787.18	22.80
Note: Includes cover, top section, bottom section and #6 round base.		
33 14 23 00-0070 EA 24" To 36" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	419.53	16.29
Note: Includes cover, top section and bottom section.		
33 14 23 00-0071 EA 36" To 48" High, Two Piece, Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	439.58	16.29
Note: Includes cover, top section and bottom section.		
33 14 23 00-0072 EA 24" To 36" High, Two Piece, Slip Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	424.27	16.29
Note: Includes cover, top section and bottom section.		
33 14 23 00-0073 EA 12" Extension For Screw Type, 5-1/4" Shaft, Round Head, Cast Iron Valve Box.....	153.15	6.51
33 14 23 00-0074 EA 18" To 24" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	250.92	26.79
33 14 23 00-0075 EA 22" To 28" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	260.02	27.87
33 14 23 00-0076 EA 30" To 36" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	289.66	28.93

33 Utilities**33 10 Water Utilities****33 14 Water Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 14 23 00-0077 EA 36" To 48" High Round Head Cast Iron Roadway Or Curb Valve Box.....	405.02	30.55
33 14 23 00-0078 EA 48" To 60" High Round Head Cast Iron Roadway Or Curb Valve Boxes.....	490.54	32.15
33 14 23 00-0079 EA 18" Cast Iron Service Box Extension Section	116.36	
33 14 23 00-0080 Plastic Roadway Grade Water Meter Box And Cover (33 14 23 00-0059)		
33 14 23 00-0081 EA 12" Wide x 16" Long x 16" Deep Plastic Meter Box And Cover	553.06	37.51
33 14 23 00-0082 EA 9-3/4" Wide x 19-1/4" Long x 16" Deep Oval Plastic Meter Box And Cover.....	419.71	26.79
33 14 23 00-0083 EA Cast Iron Lid For Plastic Meter Box	132.16	
33 14 23 00-0084 Traffic Valve Box And Lid (33 14 23 00-0059)		
33 14 23 00-0085 EA 10-3/8" ID x 12" Traffic Valve Box And 11" OD Cast Iron Lid (Christy G-5)	208.11	
33 14 23 00-0086 EA 14-1/2" ID x 12" Traffic Valve Box And 13-1/4" OD Cast Iron Lid (Christy G-12).....	692.14	
33 16 Water Utility Storage Tanks (33 10)		
33 16 23 Ground-Level Steel Water Storage Tanks (33 16)		
See CSI section 23 13 23 16-0000 for aboveground steel storage tanks.		
33 19 Water Utility Metering Equipment (33 10)		
33 19 13 Positive Displacement Water Meters (33 19)		
33 19 13 23 Nutating Disc Water Meters (33 19 13)		
33 19 13 23-0001 Bronze Disk Type Water Service Meters (33 19 13 23)		
33 19 13 23-0002 EA 5/8" Diameter, 0 To 20 GPM, Screwed, Disk Type, Bronze Water Supply Meter	312.34	55.73
33 19 13 23-0003 EA 3/4" Diameter, 0 To 30 GPM, Screwed, Disk Type, Bronze Water Supply Meter	393.13	66.45
33 19 13 23-0004 EA 1" Diameter, 0 To 50 GPM, Screwed, Disk Type, Bronze Water Supply Meter	529.79	76.09
33 19 13 23-0005 EA 1-1/2" Diameter, 0 To 100 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,035.57	113.60
33 19 13 23-0006 EA 2" Diameter, 0 To 160 GPM, Screwed, Disk Type, Bronze Water Supply Meter	1,403.93	147.89
33 19 13 23-0007 Magnetic Driven, Positive Displacement Type Water Service Meters (33 19 13 23)		
33 19 13 23-0008 EA 5/8" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max. (Neptune T10 E-Coder/R900i).....	563.34	55.73
For Owner Furnished Material, Deduct	-506.93	
33 19 13 23-0009 EA 3/4" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	642.03	66.45
For Owner Furnished Material, Deduct	-575.04	
33 19 13 23-0010 EA 1" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	958.90	76.09
For Owner Furnished Material, Deduct	-882.34	
33 19 13 23-0011 EA 1-1/2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	1,624.75	113.60
For Owner Furnished Material, Deduct	-1,510.74	
33 19 13 23-0012 EA 2" Diameter Transmitting Water Supply Meter, Screwed, 150 PSI Max.(Neptune T10 E-Coder/R900i).....	2,010.52	147.89
For Owner Furnished Material, Deduct	-1,861.67	
33 19 13 23-0013 EA Electronic Transmitter	458.79	26.79
Note: For use with transmitting meter valve.		
For Owner Furnished Material, Deduct	-432.00	
33 19 16 Velocity-Type Water Meters (33 19)		
33 19 16 13 Single-Jet Water Meters (33 19 16)		
33 19 16 13-0001 Small/Large Spectrum Water Service Meter (33 19 16 13)		
Note: Metron-Farnier.		
33 19 16 13-0002 EA 1-1/2" Diameter, 0 - 100 GPM, Flanged, Spectrum Water Meter	1,779.77	112.53
Note: Metron-Farnier #Spectrum 50.		
33 19 16 13-0003 EA 2" Diameter, 0 - 125 GPM, Flanged, Spectrum Water Meter	2,553.01	142.86
Note: Metron-Farnier #Spectrum 88.		
33 19 16 13-0004 EA 2" Diameter, 0 - 185 GPM, Flanged, Spectrum Water Meter	3,087.12	142.86
Note: Metron-Farnier #Spectrum 130.		
33 19 16 13-0005 EA 3" Diameter, 0 - 320 GPM, Flanged, Spectrum Water Meter	4,129.64	167.79
Note: Metron-Farnier #Spectrum 175.		
33 19 16 13-0006 EA 3" Diameter, 0 - 520 GPM, Flanged, Spectrum Water Meter	4,292.30	167.79
Note: Metron-Farnier #Spectrum 260.		
33 19 16 13-0007 EA 4" Diameter, 0 - 520 GPM, Flanged, Spectrum Water Meter	5,984.77	262.54
Note: Metron-Farnier #Spectrum 260.		
33 19 16 13-0008 EA 4" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	9,905.67	262.54
Note: Metron-Farnier #Spectrum 440.		
33 19 16 13-0009 EA 6" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	12,423.49	355.31
Note: Metron-Farnier #Spectrum 440.		
33 19 16 13-0010 EA 8" Diameter, 0 - 750 GPM, Flanged, Spectrum Water Meter	15,439.90	454.01
Note: Metron-Farnier #Spectrum 440.		
33 19 16 23 Turbine Water Meters (33 19 16)		
33 19 16 23-0001 Flanged Turbine Water Service Meter (33 19 16 23)		
33 19 16 23-0002 Vertical Turbine Meters (33 19 16 23-0001)		
33 19 16 23-0003 EA 1-1/2" Diameter, 0 - 100 GPM Vertical Turbine Meter, Flanged.....	736.37	103.63
33 19 16 23-0004 EA 2" Diameter, 0 - 160 GPM Vertical Turbine Meter, Flanged.....	1,029.03	131.56
33 19 16 23-0005 EA 3" Diameter, 0 - 350 GPM Vertical Turbine Meter, Flanged.....	1,949.52	167.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 19 16 23-0006 EA 4" Diameter, 0 - 650 GPM Vertical Turbine Meter, Flanged.....	2,916.83	262.54
33 19 16 23-0007 EA 6" Diameter, 0 - 1,300 GPM Vertical Turbine Meter, Flanged.....	5,413.61	355.31
33 19 16 23-0008 Horizontal Turbine Meters (33 19 16 23-0001)		
33 19 16 23-0009 EA 1-1/2" Diameter, 0 - 120 GPM Horizontal Turbine Meter, Flanged	1,140.71	103.63
33 19 16 23-0010 EA 2" Diameter, 0 - 160 GPM Horizontal Turbine Meter, Flanged	1,606.27	131.56
33 19 16 23-0011 EA 3" Diameter, 0 - 600 GPM Horizontal Turbine Meter, Flanged	2,180.95	167.79
33 19 16 23-0012 EA 4" Diameter, 0 - 1,000 GPM Horizontal Turbine Meter, Flanged	3,222.75	262.54
33 19 16 23-0013 EA 6" Diameter, 0 - 2,000 GPM Horizontal Turbine Meter, Flanged	6,528.19	355.31
33 19 16 23-0014 EA 8" Diameter, 0 - 3,500 GPM Horizontal Turbine Meter, Flanged	8,711.97	454.01
33 19 16 23-0015 EA 10" Diameter, 0 - 5,500 GPM Horizontal Turbine Meter, Flanged	12,112.61	552.71
33 19 16 23-0016 EA 12" Diameter, 0 - 6,600 GPM Horizontal Turbine Meter, Flanged	14,752.55	871.50
33 19 19 Compound Water Meters (33 19)		
33 19 19 00-0001 Flanged Compound Type Water Service Meter (33 19 19)		
33 19 19 00-0002 EA 2" Diameter, 0 To 160 GPM, Flanged And Bronze, Compound Type Water Service Meter	2,992.19	131.56
33 19 19 00-0003 EA 3" Diameter, 0 To 320 GPM, Flanged And Bronze, Compound Type Water Service Meter	3,699.86	167.79
33 19 19 00-0004 EA 4" Diameter, 0 To 500 GPM, Flanged And Bronze, Compound Type Water Service Meter	6,106.29	262.54
33 19 19 00-0005 EA 6" Diameter, 0 To 1,000 GPM, Flanged And Bronze, Compound Type Water Service Meter	8,533.91	355.31
33 19 19 00-0006 EA 8" Diameter, 0 To 1,600 GPM, Flanged And Bronze, Compound Type Water Service Meter	17,354.63	454.01
33 19 19 00-0007 EA 10" Diameter, 0 To 2,500 GPM, Flanged And Bronze, Compound Type Water Service Meter	29,578.83	552.71
33 19 23 Magnetic Water Meters (33 19)		
33 19 23 00-0001 Flanged Electromagnetic Flow (EMF) Water Meter (33 19 23)		
33 19 23 00-0002 EA 2" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	8,523.34	131.56
33 19 23 00-0003 EA 3" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	11,997.53	167.79
33 19 23 00-0004 EA 4" Diameter, Flanged, Stainless Steel, Electromagnetic Flow (EMF) Water Meter (Sensus Accu-MAG).....	13,755.40	262.54
33 19 26 Ultrasonic Water Meters (33 19)		
33 19 26 00-0001 Ultrasonic Water Service Meters (Mastermeter Octive) (33 19 26)		
33 19 26 00-0002 EA 3" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	4,273.19	167.79
33 19 26 00-0003 EA 4" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	4,907.59	262.54
33 19 26 00-0004 EA 6" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	7,229.34	355.31
33 19 26 00-0005 EA 8" Diameter, Ductile Iron Body, Flanged, Ultrasonic Water Meter (Mastermeter Octive).....	10,428.93	454.01
33 30 Sanitary Sewerage Utilities (33)		
33 31 Sanitary Sewerage Piping (33 30)		
33 31 11 Public Sanitary Sewerage Gravity Piping (33 31)		
Note: Piping includes hydrostatic testing, disinfecting and warning tape. Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 31 11 00-0001 Plastic Sewer And Drain Piping (33 31 11)		
33 31 11 00-0002 Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe (33 31 11 00-0001)		
33 31 11 00-0003 LF 1-1/2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	10.35	3.92
33 31 11 00-0004 LF 2" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	12.65	4.63
33 31 11 00-0005 LF 3" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	18.20	5.61
33 31 11 00-0006 LF 4" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	23.16	6.54
33 31 11 00-0007 LF 6" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	32.79	7.60
33 31 11 00-0008 LF 8" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	45.09	8.85
33 31 11 00-0009 LF 10" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	64.02	9.16
33 31 11 00-0010 LF 12" Schedule 40 Polyvinyl Chloride (PVC) Sewer And Drain Pipe	86.18	9.49
33 31 11 00-0011 Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe (33 31 11 00-0001)		
Note: D-2729 PVC pipe.		
33 31 11 00-0012 LF 3" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	13.86	5.61
33 31 11 00-0013 LF 4" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe	16.40	6.54
33 31 11 00-0014 LF 6" Belled End Polyvinyl Chloride (PVC) Sewer And Drain Pipe.....	21.73	7.60
33 31 11 00-0015 Polyvinyl Chloride (PVC) Sewer And Drain Fittings (33 31 11 00-0001)		
33 31 11 00-0016 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)		
33 31 11 00-0017 EA 1-1/2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	25.40	12.80
33 31 11 00-0018 EA 2" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	32.64	16.55
33 31 11 00-0019 EA 3" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	57.84	22.22
33 31 11 00-0020 EA 4" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	90.37	25.69
33 31 11 00-0021 EA 6" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	365.80	33.39
33 31 11 00-0022 EA 8" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	608.09	44.93
33 31 11 00-0023 EA 10" 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain.....	802.72	59.84

33 Utilities**33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
33 31 11 00-0024		1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0025	EA	1-1/2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	26.83		12.80
33 31 11 00-0026	EA	2" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	32.52		16.55
33 31 11 00-0027	EA	3" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	55.69		22.22
33 31 11 00-0028	EA	4" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	79.87		25.69
33 31 11 00-0029	EA	6" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	339.09		33.39
33 31 11 00-0030	EA	8" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	545.99		44.93
33 31 11 00-0031	EA	10" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	620.07		59.84
33 31 11 00-0032	EA	12" 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	922.39		79.69
33 31 11 00-0033		Long Sweep 1/4 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0034	EA	1-1/2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	42.81		12.61
33 31 11 00-0035	EA	2" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	42.66		16.55
33 31 11 00-0036	EA	3" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	83.60		22.22
33 31 11 00-0037	EA	4" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	137.60		25.69
33 31 11 00-0038	EA	6" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	274.58		33.39
33 31 11 00-0039	EA	8" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	488.20		44.93
33 31 11 00-0040	EA	10" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	800.57		59.84
33 31 11 00-0041	EA	12" Long Sweep 1/4 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	1,214.50		79.69
33 31 11 00-0042		1/16 Bends, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0043	EA	1-1/2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	29.89		12.80
33 31 11 00-0044	EA	2" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	35.63		16.55
33 31 11 00-0045	EA	3" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	64.61		22.22
33 31 11 00-0046	EA	4" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	96.43		25.69
33 31 11 00-0047	EA	6" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	454.67		33.39
33 31 11 00-0048	EA	8" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	737.46		44.93
33 31 11 00-0049	EA	10" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	832.18		59.84
33 31 11 00-0050	EA	12" 1/16 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	851.69		79.69
33 31 11 00-0051		Reducers, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0052	EA	2" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	34.34		14.60
33 31 11 00-0053	EA	3" x 1-1/2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	65.76		17.43
33 31 11 00-0054	EA	3" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	62.01		19.22
33 31 11 00-0055	EA	4" x 2" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	97.15		21.01
33 31 11 00-0056	EA	4" x 3" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	104.37		23.84
33 31 11 00-0057	EA	6" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	322.54		29.50
33 31 11 00-0058	EA	8" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	686.89		39.12
33 31 11 00-0059	EA	10" x 4" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	215.53		42.72
33 31 11 00-0060	EA	10" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	306.12		46.59
33 31 11 00-0061	EA	10" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	281.19		52.33
33 31 11 00-0062	EA	12" x 6" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	713.21		56.56
33 31 11 00-0063	EA	12" x 8" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	753.18		62.29
33 31 11 00-0064	EA	12" x 10" Reducer, Polyvinyl Chloride (PVC) Sewer And Drain	797.40		69.77
33 31 11 00-0065		Sanitary Tees, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0066	EA	1-1/2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	40.06		19.34
33 31 11 00-0067	EA	2" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	53.31		25.01
33 31 11 00-0068	EA	3" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	91.76		33.00
33 31 11 00-0069	EA	4" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	141.93		40.98
33 31 11 00-0070	EA	6" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	535.59		44.93
33 31 11 00-0071	EA	8" Sanitary Tee, Polyvinyl Chloride (PVC) Sewer And Drain	695.12		59.84
33 31 11 00-0072		Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0073	EA	1-1/2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	51.15		19.34
33 31 11 00-0074	EA	2" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	59.75		25.01
33 31 11 00-0075	EA	3" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	99.99		33.00
33 31 11 00-0076	EA	4" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	155.41		40.98
33 31 11 00-0077	EA	6" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	485.02		44.93
33 31 11 00-0078	EA	8" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	599.06		59.84
33 31 11 00-0079	EA	10" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	787.98		79.85
33 31 11 00-0080	EA	12" Wye, Polyvinyl Chloride (PVC) Sewer And Drain	1,245.22		106.56
33 31 11 00-0081		Reducing Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0082	EA	2" x 1-1/2" x 1-1/2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	68.57		19.34
33 31 11 00-0083	EA	2" x 2" x 1" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	76.69		25.01
33 31 11 00-0084	EA	3" x 3" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	88.54		33.00
33 31 11 00-0085	EA	4" x 4" x 2" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	136.92		40.98
33 31 11 00-0086	EA	4" x 4" x 3" Reducing Wye, Polyvinyl Chloride (PVC) Sewer And Drain	149.56		40.98
33 31 11 00-0087		Double Wyes, Polyvinyl Chloride (PVC) Sewer And Drain (33 31 11 00-0015)			
33 31 11 00-0088	EA	1-1/2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	84.68		25.01
33 31 11 00-0089	EA	2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain	110.24		33.00

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0090 EA 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	223.60	44.54
33 31 11 00-0091 EA 4" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	398.78	53.87
33 31 11 00-0092 EA 2" x 2" x 1-1/2" x 1-1/2 Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	105.00	33.00
33 31 11 00-0093 EA 3" x 3" x 2" x 2" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	183.53	44.54
33 31 11 00-0094 EA 4" x 4" x 3" x 3" Double Wye, Polyvinyl Chloride (PVC) Sewer And Drain.....	332.59	53.87
33 31 11 00-0095 Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0096 EA 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	64.99	19.34
33 31 11 00-0097 EA 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	81.34	25.01
33 31 11 00-0098 EA 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	164.86	33.00
33 31 11 00-0099 EA 4" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	300.91	40.98
33 31 11 00-0100 EA 2" x 2" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	128.33	25.01
33 31 11 00-0101 EA 3" x 3" x 1-1/2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	207.42	33.00
33 31 11 00-0102 EA 3" x 3" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	148.22	33.00
33 31 11 00-0103 EA 4" x 4" x 2" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	280.95	40.98
33 31 11 00-0104 EA 4" x 4" x 3" Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	299.20	40.98
33 31 11 00-0105 Double Combination Wye And 1/8 Bends, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0106 EA 1-1/2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	95.41	25.01
33 31 11 00-0107 EA 2" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	111.44	33.00
33 31 11 00-0108 EA 3" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	174.34	44.54
33 31 11 00-0109 EA 4" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	647.56	53.87
33 31 11 00-0110 EA 6" Double Combination Wye And 1/8 Bend, Polyvinyl Chloride (PVC) Sewer And Drain	2,147.00	59.65
33 31 11 00-0111 Cleanout Tees With Plug, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0112 EA 4" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	505.66	103.23
33 31 11 00-0113 EA 6" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,219.06	133.18
33 31 11 00-0114 EA 8" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain	1,550.69	187.67
33 31 11 00-0115 EA 10" Polyvinyl Chloride (PVC) Cleanout Tees With Plug, Sewer And Drain.....	2,136.18	301.89
33 31 11 00-0116 Couplings, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0117 EA 1-1/2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	24.65	12.80
33 31 11 00-0118 EA 2" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	30.70	16.45
33 31 11 00-0119 EA 3" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	48.64	22.03
33 31 11 00-0120 EA 4" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	64.04	25.69
33 31 11 00-0121 EA 6" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	191.11	33.39
33 31 11 00-0122 EA 8" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	474.62	44.93
33 31 11 00-0123 EA 10" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	720.92	59.84
33 31 11 00-0124 EA 12" Coupling, Polyvinyl Chloride (PVC) Sewer And Drain	1,194.77	79.69
33 31 11 00-0125 Adapters, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0126 EA 4" Male, Plastic Pipe x Malleable Iron Pipe Adapter, Drain And Sewer Fitting	129.47	69.29
33 31 11 00-0127 EA 2" x 3" x 3" Downspout Adapter, Drain And Sewer Fitting	87.67	52.71
33 31 11 00-0128 EA 2" x 3" x 4" Downspout Adapter, Drain And Sewer Fitting	91.40	52.71
33 31 11 00-0129 EA 3" x 4" x 4" Downspout Adapter, Drain And Sewer Fitting	101.30	52.71
33 31 11 00-0130 EA 4" Hub, Cast Iron Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting.....	132.19	69.29
33 31 11 00-0131 EA 4" Spigot, Clay Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	124.26	69.29
33 31 11 00-0132 EA 4" Spigot, Fiberglass Pipe x Plastic Pipe Adapter, Drain And Sewer Fitting	111.25	69.29
33 31 11 00-0133 EA 4" Drain Grate, Drain And Sewer Fitting	63.14	35.63
33 31 11 00-0134 Caps, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0135 EA 3" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	43.34	13.76
33 31 11 00-0136 EA 4" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	77.16	17.13
33 31 11 00-0137 EA 6" Cap, Polyvinyl Chloride (PVC) Drain And Sewer Fitting	156.32	22.13
33 31 11 00-0138 Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain <small>(33 31 11 00-0015)</small>		
33 31 11 00-0139 EA 1-1/2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	23.73	12.80
33 31 11 00-0140 EA 2" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	31.00	16.55
33 31 11 00-0141 EA 3" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	48.11	22.22
33 31 11 00-0142 EA 4" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	66.79	25.69
33 31 11 00-0143 EA 6" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	124.81	33.39
33 31 11 00-0144 EA 8" Plug Cleanout, Polyvinyl Chloride (PVC) Sewer And Drain.....	548.38	44.93
33 31 11 00-0145 Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe <small>(33 31 11 00-0001)</small>		
Note: ASTM 3034.		
33 31 11 00-0146 LF 4" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	16.05	6.54
33 31 11 00-0147 LF 6" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	20.86	7.60
33 31 11 00-0148 LF 8" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	27.29	8.85
33 31 11 00-0149 LF 10" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	32.71	9.16
33 31 11 00-0150 LF 12" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	39.22	9.49

33 Utilities**33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0151	LF		15" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	50.02	9.82
33 31 11 00-0152	LF		18" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	62.38	10.18
33 31 11 00-0153	LF		21" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	80.04	11.05
33 31 11 00-0154	LF		24" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	96.41	11.92
33 31 11 00-0155	LF		27" Gasketed SDR 35 Polyvinyl Chloride (PVC) Pipe	119.51	13.99
33 31 11 00-0156			Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe <small>(33 31 11 00-0001)</small>		
			Note: ASTM 3034.		
33 31 11 00-0157	LF		4" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	19.28	6.54
33 31 11 00-0158	LF		6" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	27.64	7.60
33 31 11 00-0159	LF		8" Solvent Weld SDR 35 Polyvinyl Chloride (PVC) Pipe.....	39.41	8.85
33 31 11 00-0160			Gasketed SDR 35 Polyvinyl Chloride (PVC) Fittings <small>(33 31 11 00-0001)</small>		
			Note: ASTM 3034.		
33 31 11 00-0161			1/4 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0162	EA		4" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	81.95	23.63
33 31 11 00-0163	EA		6" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	124.07	27.48
33 31 11 00-0164	EA		8" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	268.67	31.14
33 31 11 00-0165	EA		10" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	789.15	36.64
33 31 11 00-0166	EA		12" 1/4 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,019.98	46.71
33 31 11 00-0167			1/8 Bends, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0168	EA		4" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	73.20	23.63
33 31 11 00-0169	EA		6" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	114.42	27.48
33 31 11 00-0170	EA		8" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	244.28	31.14
33 31 11 00-0171	EA		10" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	559.57	36.64
33 31 11 00-0172	EA		12" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	801.69	46.71
33 31 11 00-0173	EA		15" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,730.74	65.95
33 31 11 00-0174	EA		18" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,749.94	93.43
33 31 11 00-0175	EA		21" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,599.65	123.65
33 31 11 00-0176	EA		24" 1/8 Bend, Gasketed SDR 35 Polyvinyl Chloride (PVC)	6,273.01	164.86
33 31 11 00-0177			Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0178	EA		4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	124.14	35.45
33 31 11 00-0179	EA		6" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	206.33	39.29
33 31 11 00-0180	EA		6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	232.93	41.21
33 31 11 00-0181	EA		8" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	257.99	43.14
33 31 11 00-0182	EA		8" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	297.02	45.06
33 31 11 00-0183	EA		8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	583.27	46.99
33 31 11 00-0184	EA		10" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	751.46	48.08
33 31 11 00-0185	EA		10" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	853.23	50.38
33 31 11 00-0186	EA		10" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,267.96	52.29
33 31 11 00-0187	EA		10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,657.45	54.95
33 31 11 00-0188	EA		12" x 4" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	924.87	58.53
33 31 11 00-0189	EA		12" x 6" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	982.45	60.45
33 31 11 00-0190	EA		12" x 8" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,410.61	62.38
33 31 11 00-0191	EA		12" x 10" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	2,043.83	65.03
33 31 11 00-0192	EA		12" Sanitary Tees, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	2,304.42	70.07
33 31 11 00-0193			Wyes, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0194	EA		4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	117.36	35.45
33 31 11 00-0195	EA		6" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	183.71	39.29
33 31 11 00-0196	EA		6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	202.56	41.21
33 31 11 00-0197	EA		8" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	248.29	43.14
33 31 11 00-0198	EA		8" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	285.46	45.06
33 31 11 00-0199	EA		8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	445.07	46.99
33 31 11 00-0200	EA		10" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	685.73	48.46
33 31 11 00-0201	EA		10" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	699.16	50.38
33 31 11 00-0202	EA		10" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,060.52	52.29
33 31 11 00-0203	EA		10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,174.56	54.95
33 31 11 00-0204	EA		12" x 4" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	870.11	58.53
33 31 11 00-0205	EA		12" x 6" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	897.40	60.45
33 31 11 00-0206	EA		12" x 8" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,294.03	62.38
33 31 11 00-0207	EA		12" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,563.00	65.03
33 31 11 00-0208	EA		12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,631.16	70.07
33 31 11 00-0209	EA		15" x 10" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,011.00	84.27
33 31 11 00-0210	EA		15" x 12" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,232.62	89.31
33 31 11 00-0211	EA		15" Wye, Gasketed SDR 35 Polyvinyl Chloride (PVC)	2,796.03	98.92
33 31 11 00-0212			Couplings, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0213	EA		4" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	81.17	23.63
33 31 11 00-0214	EA		6" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	129.22	27.48
33 31 11 00-0215	EA		8" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	193.89	31.32
33 31 11 00-0216	EA		10" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	375.54	36.64
33 31 11 00-0217	EA		12" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	534.77	46.71

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0218 EA 15" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,055.25	65.95
33 31 11 00-0219 EA 18" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	1,995.95	93.43
33 31 11 00-0220 EA 21" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	3,342.29	123.65
33 31 11 00-0221 EA 24" Coupling, Gasketed SDR 35 Polyvinyl Chloride (PVC)	4,843.54	164.86
33 31 11 00-0222 Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0223 EA 6" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	162.50	25.56
33 31 11 00-0224 EA 8" x 4" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	236.18	27.48
33 31 11 00-0225 EA 8" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	248.90	29.40
33 31 11 00-0226 EA 10" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	573.13	32.06
33 31 11 00-0227 EA 10" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	659.75	33.98
33 31 11 00-0228 EA 12" x 6" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	737.47	37.09
33 31 11 00-0229 EA 12" x 8" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	847.71	39.02
33 31 11 00-0230 EA 12" x 10" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	973.11	41.68
33 31 11 00-0231 EA 15" x 12" Increaser, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	1,467.42	56.32
33 31 11 00-0232 Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0233 EA 6" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	132.16	
33 31 11 00-0234 EA 8" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	175.77	
33 31 11 00-0235 EA 8" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	179.96	
33 31 11 00-0236 EA 10" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	303.71	
33 31 11 00-0237 EA 10" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	321.25	
33 31 11 00-0238 EA 10" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	622.92	
33 31 11 00-0239 EA 12" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	344.89	
33 31 11 00-0240 EA 12" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	377.76	
33 31 11 00-0241 EA 12" x 8" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	864.82	
33 31 11 00-0242 EA 12" x 10" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	1,023.10	
33 31 11 00-0243 EA 15" x 4" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	391.31	
33 31 11 00-0244 EA 15" x 6" Saddle Wye With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	420.00	
33 31 11 00-0245 Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0246 EA 6" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	141.98	
33 31 11 00-0247 EA 8" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	175.77	
33 31 11 00-0248 EA 8" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	193.33	
33 31 11 00-0249 EA 10" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	277.70	
33 31 11 00-0250 EA 10" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	319.14	
33 31 11 00-0251 EA 10" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	491.99	
33 31 11 00-0252 EA 12" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	342.80	
33 31 11 00-0253 EA 12" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	375.78	
33 31 11 00-0254 EA 12" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	571.63	
33 31 11 00-0255 EA 12" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	699.46	
33 31 11 00-0256 EA 15" x 4" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	390.02	
33 31 11 00-0257 EA 15" x 6" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	410.28	
33 31 11 00-0258 EA 15" x 8" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	699.87	
33 31 11 00-0259 EA 15" x 10" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	777.01	
33 31 11 00-0260 EA 15" x 12" Saddle Tee With Stainless Steel Clamps, SDR 35 Polyvinyl Chloride (PVC).....	1,108.54	
33 31 11 00-0261 Caps, Gasketed SDR 35 Polyvinyl Chloride (PVC) <small>(33 31 11 00-0160)</small>		
33 31 11 00-0262 EA 4" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	41.07	
33 31 11 00-0263 EA 6" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	63.81	
33 31 11 00-0264 EA 8" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	137.91	
33 31 11 00-0265 EA 10" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	377.46	
33 31 11 00-0266 EA 12" Cap, Gasketed SDR 35 Polyvinyl Chloride (PVC).....	555.56	
33 31 11 00-0267 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe and Fittings <small>(33 31 11 00-0001)</small>		
Note: ASTM F949.		
33 31 11 00-0268 Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe <small>(33 31 11 00-0267)</small>		
33 31 11 00-0269 LF 4" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	17.41	6.54
33 31 11 00-0270 LF 6" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	26.23	7.60
33 31 11 00-0271 LF 8" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	34.22	8.85
33 31 11 00-0272 LF 10" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	42.09	9.16
33 31 11 00-0273 LF 12" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	44.80	9.49
33 31 11 00-0274 LF 15" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	54.29	9.82
33 31 11 00-0275 LF 18" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	72.04	10.18
33 31 11 00-0276 LF 21" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	85.04	11.05
33 31 11 00-0277 LF 24" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	106.17	11.92
33 31 11 00-0278 LF 30" Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) Pipe.....	153.72	16.04
33 31 11 00-0279 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) <small>(33 31 11 00-0267)</small>		
33 31 11 00-0280 EA 4" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC).....	83.60	

33 Utilities**33 30 Sanitary Sewerage Utilities****33 31 Sanitary Sewerage Piping**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 31 11 00-0281	EA	6" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	116.36	
33 31 11 00-0282	EA	8" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	164.40	
33 31 11 00-0283	EA	10" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	288.59	
33 31 11 00-0284	EA	12" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	307.80	
33 31 11 00-0285	EA	15" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	522.86	
33 31 11 00-0286	EA	18" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	836.35	
33 31 11 00-0287	EA	21" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,206.13	
33 31 11 00-0288	EA	24" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,575.81	
33 31 11 00-0289	EA	30" 1/4 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	2,086.45	

33 31 11 00-0290 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0267)

33 31 11 00-0291	EA	4" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	77.10	
33 31 11 00-0292	EA	6" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	106.73	
33 31 11 00-0293	EA	8" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	150.38	
33 31 11 00-0294	EA	10" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	262.25	
33 31 11 00-0295	EA	12" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	280.21	
33 31 11 00-0296	EA	15" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	474.13	
33 31 11 00-0297	EA	18" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	756.90	
33 31 11 00-0298	EA	21" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,088.20	
33 31 11 00-0299	EA	24" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,419.59	
33 31 11 00-0300	EA	30" 1/8 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,878.00	

33 31 11 00-0301 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0267)

33 31 11 00-0302	EA	4" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	67.34	
33 31 11 00-0303	EA	6" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	86.40	
33 31 11 00-0304	EA	8" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	140.00	
33 31 11 00-0305	EA	10" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	177.80	
33 31 11 00-0306	EA	12" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	250.94	
33 31 11 00-0307	EA	15" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	422.34	
33 31 11 00-0308	EA	18" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	620.70	
33 31 11 00-0309	EA	21" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	967.53	
33 31 11 00-0310	EA	24" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,314.36	
33 31 11 00-0311	EA	30" 1/16 Bend, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,873.00	

33 31 11 00-0312 Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0267)

33 31 11 00-0313	EA	4" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	131.14	
33 31 11 00-0314	EA	6" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	172.93	
33 31 11 00-0315	EA	8" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	321.54	
33 31 11 00-0316	EA	10" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	527.68	
33 31 11 00-0317	EA	12" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	894.08	
33 31 11 00-0318	EA	15" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,281.63	
33 31 11 00-0319	EA	18" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,865.69	
33 31 11 00-0320	EA	21" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	2,152.60	
33 31 11 00-0321	EA	24" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	2,439.43	
33 31 11 00-0322	EA	30" Wye, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	4,484.23	

33 31 11 00-0323 Tees, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC) (33 31 11 00-0267)

33 31 11 00-0324	EA	4" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	117.81	
33 31 11 00-0325	EA	6" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	154.66	
33 31 11 00-0326	EA	8" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	284.21	
33 31 11 00-0327	EA	10" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	463.86	
33 31 11 00-0328	EA	12" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	781.96	
33 31 11 00-0329	EA	15" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,119.79	
33 31 11 00-0330	EA	18" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,628.72	
33 31 11 00-0331	EA	21" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	1,877.76	
33 31 11 00-0332	EA	24" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	2,126.75	
33 31 11 00-0333	EA	30" Tee, Smooth Interior, Double Wall, Corrugated Polyvinyl Chloride (PVC)	3,896.76	

33 31 11 00-0334 Couplings And Plug Fittings (33 31 11)
33 31 11 00-0335 Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Polyvinyl Chloride (PVC) Flexible Pipe Couplings (33 31 11 00-0334)

Note: For cast iron or plastic to cast iron to plastic pipe. Includes stainless steel clamps.

33 31 11 00-0336	EA	1-1/2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-150)	18.90	6.52
33 31 11 00-0337	EA	2" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-22)	20.65	7.60
33 31 11 00-0338	EA	3" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-33)	24.00	8.69
33 31 11 00-0339	EA	4" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-44)	27.29	9.24
33 31 11 00-0340	EA	5" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-55)	33.76	9.78
33 31 11 00-0341	EA	6" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-66)	40.26	10.87
33 31 11 00-0342	EA	8" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-88)	51.77	11.96
33 31 11 00-0343	EA	10" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1010)	64.44	12.49
33 31 11 00-0344	EA	12" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1212)	108.38	13.04
33 31 11 00-0345	EA	15" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1515)	148.63	14.13

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 31 11 00-0346 EA 18" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-1818)	289.93	14.67
33 31 11 00-0347 EA 21" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2121)	337.29	15.49
33 31 11 00-0348 EA 24" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2424)	373.92	16.31
33 31 11 00-0349 EA 27" Cast Iron/Plastic To Cast Iron/Plastic, Elastomeric Flexible Pipe Coupling (Fernco 1056-2727)	448.38	17.39
33 31 11 00-0350 Cast Iron Service Saddles With U Bolt <small>(33 31 11)</small>		
33 31 11 00-0351 EA 2" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	113.59	
33 31 11 00-0352 EA 3" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	114.22	
33 31 11 00-0353 EA 3" Diameter x 2" Tapped Tee Cast Iron Service Saddles With U Bolt	125.67	
33 31 11 00-0354 EA 4" Diameter x 1-1/2" Tapped Tee Cast Iron Service Saddles With U Bolt	121.71	
33 31 11 00-0355 EA 4" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	137.49	
33 31 11 00-0356 EA 4" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	154.85	
33 31 11 00-0357 EA 4" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	183.50	
33 31 11 00-0358 EA 6" Diameter x 2" Hub Tee Cast Iron Service Saddles With U Bolt	155.57	
33 31 11 00-0359 EA 6" Diameter x 3" Hub Tee Cast Iron Service Saddles With U Bolt	170.07	
33 31 11 00-0360 EA 6" Diameter x 4" Hub Tee Cast Iron Service Saddles With U Bolt	196.07	
33 31 11 00-0361 EA 4" Diameter x 1-1/2" Tapped Wye Cast Iron Service Saddle With U Bolt	125.28	
33 31 11 00-0362 EA 4" Diameter x 2" Tapped Wye Cast Iron Service Saddle With U Bolt	136.73	
33 31 11 00-0363 EA 4" Diameter x 3" Hub Wye Cast Iron Service Saddle With U Bolt	163.20	
33 31 11 00-0364 EA 4" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	193.75	
33 31 11 00-0365 EA 6" Diameter x 4" Hub Wye Cast Iron Service Saddle With U Bolt	208.85	
33 31 11 00-0366 Manhole Inside Bowl Drop <small>(33 31 11)</small>		
33 31 11 00-0367 EA Inside Pipe Drop, 4" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4DB)	326.81	
33 31 11 00-0368 EA Inside Pipe Drop, 4" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A4R96)	342.80	
33 31 11 00-0369 EA Inside Pipe Drop, 6" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6DB)	350.94	
33 31 11 00-0370 EA Inside Pipe Drop, 6" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A6R96)	363.12	
33 31 11 00-0371 EA Inside Pipe Drop, 8" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DB)	376.88	
33 31 11 00-0372 EA Inside Pipe Drop, 8" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A8DBR84)	404.53	
33 31 11 00-0373 EA Inside Pipe Drop, 10" Outlet for 4' to 5' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10DB)	420.58	
33 31 11 00-0374 EA Inside Pipe Drop, 10" Outlet for 6' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner A10R96)	434.40	
33 31 11 00-0375 EA Inside Pipe Drop, 12" Outlet for 4' to 6' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R60)	751.25	
33 31 11 00-0376 EA Inside Pipe Drop, 12" Outlet for 7' to 8' Diameter Manhole With Stainless Steel Expansion Bolts (Reliner 24/12R96)	771.99	
33 32 Sanitary Sewerage Equipment <small>(33 30)</small>		
33 32 16 Packaged Wastewater Grinder Pump Assemblies <small>(33 32)</small>		
33 32 16 00-0001 Submersible Grinder Pumps, Cast Iron With Bronze Impeller <small>(33 32 16)</small>		
33 32 16 00-0002 EA 2 HP Submersible Grinder Pump, 200/208, 230 Volt, 1 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,128.56	321.77
33 32 16 00-0003 EA 2 HP Submersible Grinder Pump, 200/208, 230, 460 Volt, 3 Phase, 3450 RPM, 1-1/2" Threaded Discharge Note: Zoeller 840 series.	2,097.86	321.77
33 32 16 00-0004 EA Simplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,011.56	107.22
33 32 16 00-0005 EA Duplex Control Panel With Auto Reversing Switch Note: For Zoeller 840 series grinder pump.	1,582.05	107.22
33 32 16 00-0006 EA Grinder Pump, 120 Gallon Sewage Basin, 1 HP, 120 V (Environment One 2012-74)	13,081.90	
33 32 16 00-0007 Submersible Grinder Pumps <small>(33 32 16)</small>		
Note: Includes 50' of cord with pumps unless otherwise noted.		
33 32 16 00-0008 EA 2 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	3,749.56	669.68
33 32 16 00-0009 EA 3 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	5,624.59	781.29
33 32 16 00-0010 EA 5 HP Submersible Grinder Pump At 3,450 RPM, Explosion Proof	6,883.38	1,004.51
33 34 Onsite Wastewater Disposal <small>(33 30)</small>		
Note: Excludes distribution field piping, trenching or excavation.		
33 34 13 Septic Tanks <small>(33 34)</small>		
33 34 13 13 Concrete Septic Tanks <small>(33 34 13)</small>		
33 34 13 13-0001 Precast Concrete Septic Tank <small>(33 34 13 13)</small>		
Note: Includes external coating.		
33 34 13 13-0002 EA 1,000 Gallon Precast Septic Tank	3,999.50	669.68
For Non-Traffic Rated, Deduct	-794.27	
33 34 13 13-0003 EA 1,250 Gallon Precast Septic Tank	4,819.98	739.21
For Non-Traffic Rated, Deduct	-978.11	
33 34 13 13-0004 EA 1,500 Gallon Precast Septic Tank	5,608.29	808.63
For Non-Traffic Rated, Deduct	-1,153.87	
33 34 13 13-0005 EA 2,000 Gallon Precast Septic Tank	7,231.67	878.94
For Non-Traffic Rated, Deduct	-1,538.91	
33 34 13 13-0006 EA 2,500 Gallon Precast Septic Tank	8,583.14	1,213.77
For Non-Traffic Rated, Deduct	-1,774.51	
33 34 13 13-0007 EA 4,000 Gallon Precast Septic Tank	23,138.97	1,674.17
For Non-Traffic Rated, Deduct	-5,271.33	

33 Utilities**33 30 Sanitary Sewerage Utilities****33 34 Onsite Wastewater Disposal**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 34 13	13-0008	EA	5,000 Gallon Precast Septic Tank <i>For Non-Traffic Rated, Deduct</i>	42,185.83 -9,778.53	2,511.27
33 34 13	13-0009	EA	7,500 Gallon Precast Septic Tank <i>For Non-Traffic Rated, Deduct</i>	47,162.09 -10,720.91	3,515.77
33 34 13	13-0010	EA	10,000 Gallon Precast Septic Tank <i>For Non-Traffic Rated, Deduct</i>	57,848.66 -13,178.63	4,206.43
33 34 13	13-0011	EA	12,500 Gallon Precast Septic Tank <i>For Non-Traffic Rated, Deduct</i>	68,302.14 -15,471.12	5,210.93

33 34 13 23 Fiberglass Septic Tank (33 34 13)

33 34 13 23-0001	Fiberglass Septic Tank (33 34 13 23)				
33 34 13 23-0002	EA	1,000 Gallon Fiberglass Septic Tank	4,743.35	502.25	
33 34 13 23-0003	EA	1,250 Gallon Fiberglass Septic Tank	5,564.05	669.68	
33 34 13 23-0004	EA	1,500 Gallon Fiberglass Septic Tank	6,450.47	606.95	
33 34 13 23-0005	EA	2,000 Gallon Fiberglass Septic Tank	10,884.92	657.06	
33 34 13 23-0006	EA	2,500 Gallon Fiberglass Septic Tank	13,641.98	910.75	
33 34 13 23-0007	EA	4,000 Gallon Fiberglass Septic Tank	21,684.15	1,255.63	
33 34 13 23-0008	EA	5,000 Gallon Fiberglass Septic Tank	32,176.87	1,883.45	
33 34 13 23-0009	EA	7,500 Gallon Fiberglass Septic Tank	44,169.93	2,636.83	
33 34 13 23-0010	EA	10,000 Gallon Fiberglass Septic Tank	54,219.37	3,151.58	

33 34 13 33 Polyethylene Septic Tank (33 34 13)

33 34 13 33-0001	High Density Polyethylene (HDPE) Septic Tank (33 34 13 33)				
33 34 13 33-0002	EA	300 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,237.02	197.39	
33 34 13 33-0003	EA	500 Gallon One Compartment One Manhole High Density Polyethylene (HDPE) Septic Tank	1,932.33	222.07	
33 34 13 33-0004	EA	900 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,699.35	271.42	
33 34 13 33-0005	EA	1,000 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,766.08	296.09	
33 34 13 33-0006	EA	1,250 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,212.95	320.77	
33 34 13 33-0007	EA	1,500 Gallon One Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,868.50	345.44	
33 34 13 33-0008	EA	750 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,727.02	246.74	
33 34 13 33-0009	EA	1,000 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	2,964.84	296.09	
33 34 13 33-0010	EA	1,250 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	3,496.17	320.77	
33 34 13 33-0011	EA	1,500 Gallon Two Compartment Two Manhole High Density Polyethylene (HDPE) Septic Tank	4,116.95	345.44	

33 34 51 Drainage Field System (33 34)

33 34 51 00-0001	Leaching Pit - Precast Concrete (33 34 51)				
		Note: Includes external coating.			
33 34 51 00-0002	EA	3' Diameter, 3' High, Precast Concrete Leaching Pit	845.89	98.22	
33 34 51 00-0003	EA	4' Diameter, 3' High, Precast Concrete Leaching Pit	1,188.04	139.51	
33 34 51 00-0004	EA	6' Diameter, 3' High, Precast Concrete Leaching Pit	1,582.56	167.42	
33 34 51 00-0005	EA	8' Diameter, 4' High, Precast Concrete Leaching Pit	2,577.15	279.03	
33 34 51 00-0006	EA	10' Diameter, 4' High, Precast Concrete Leaching Pit	3,759.08	390.64	

33 34 53 Distribution Chambers (33 34)**33 34 53 13 Drainage Field Concrete Distribution Chambers (33 34 53)**

33 34 53 13-0001	Concrete Distribution Boxes (33 34 53 13)				
		Note: Includes internal and external coating.			
33 34 53 13-0002	EA	3 Outlet Concrete Distribution Box	342.45	70.61	
33 34 53 13-0003	EA	5 Outlet Concrete Distribution Box	398.03	84.72	
33 34 53 13-0004	EA	8 Outlet Concrete Distribution Box	707.01	98.85	
33 34 53 13-0005	EA	12 Outlet Concrete Distribution Box	1,402.26	169.46	
33 34 53 13-0006	Leaching Field Chambers - Precast Concrete (33 34 53 13)				
33 34 53 13-0007	EA	Standard Leaching Field Chamber 13' x 3'-7" x 1'-4"	995.16	88.20	
33 34 53 13-0008	EA	Heavy Duty Leaching Field Chamber 13' x 3'-9" x 1'-6"	1,219.48	120.26	

33 34 56 Drainage Field Dosing Chambers (33 34)

33 34 56 00-0001	Dosing Siphon (33 34 56)				
33 34 56 00-0002	EA	Dosing Siphon With Electrical Connection And Solenoid Valve	5,823.38		
33 34 56 00-0003	EA	Solar Power Control For Dosing Siphon	4,005.68		
33 34 56 00-0004	EA	Electrical Power Control For Dosing Siphon	3,848.72		

33 40 Stormwater Utilities (33)**33 41 Subdrainage (33 40)****33 41 16 Subdrainage Piping (33 41)****33 41 16 13 Subdrainage Piping (33 41 16)**

See CSI section 33 42 11 00-0193 for polyethylene drain pipe.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0001 Corrugated High Density Polyethylene (HDPE) Drainage Piping <small>(33 41 16 13)</small>		
33 41 16 13-0002 Single Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0001)</small> Note: Excludes couplings and gaskets.		
33 41 16 13-0003 Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0002)</small>		
33 41 16 13-0004 LF 4" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 5.84	4.61	
For <100, Add	0.98	
For >1,000, Deduct	-0.52	
33 41 16 13-0005 LF 6" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 7.68	4.93	
For <100, Add	1.12	
For >1,000, Deduct	-0.63	
33 41 16 13-0006 LF 8" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 10.04	5.18	
For <100, Add	1.28	
For >1,000, Deduct	-0.76	
33 41 16 13-0007 LF 10" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 14.31	5.34	
For <100, Add	1.52	
For >1,000, Deduct	-0.98	
33 41 16 13-0008 LF 12" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 17.02	5.83	
For <100, Add	1.73	
For >1,000, Deduct	-1.14	
33 41 16 13-0009 LF 15" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 22.88	6.58	
For <100, Add	2.13	
For >1,000, Deduct	-1.47	
33 41 16 13-0010 LF 18" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 36.60	11.08	
For <100, Add	3.49	
For >1,000, Deduct	-2.38	
33 41 16 13-0011 LF 24" Coupled, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 52.01	12.17	
For <100, Add	4.43	
For >1,000, Deduct	-3.21	
33 41 16 13-0012 Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 41 16 13-0002)</small>		
33 41 16 13-0013 LF 4" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 5.66	4.61	
For <100, Add	0.97	
For >1,000, Deduct	-0.51	
33 41 16 13-0014 LF 6" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 7.60	4.93	
For <100, Add	1.12	
For >1,000, Deduct	-0.63	
33 41 16 13-0015 LF 8" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 13.38	5.18	
For <100, Add	1.45	
For >1,000, Deduct	-0.93	
33 41 16 13-0016 LF 10" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 16.07	5.34	
For <100, Add	1.60	
For >1,000, Deduct	-1.07	
33 41 16 13-0017 LF 12" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 18.95	5.83	
For <100, Add	1.82	
For >1,000, Deduct	-1.24	
33 41 16 13-0018 LF 15" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 22.67	6.58	
For <100, Add	2.12	
For >1,000, Deduct	-1.46	
33 41 16 13-0019 LF 18" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 35.33	11.08	
For <100, Add	3.43	
For >1,000, Deduct	-2.32	
33 41 16 13-0020 LF 24" Coupled, Perforated, Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe 50.00	12.17	
For <100, Add	4.33	
For >1,000, Deduct	-3.11	
33 41 16 13-0021 Single Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings <small>(33 41 16 13-0001)</small> Note: Excludes couplings and gaskets.		
33 41 16 13-0022 Tees, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0023 EA 4" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 43.05	21.99	
33 41 16 13-0024 EA 6" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 51.42	25.66	
33 41 16 13-0025 EA 8" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 88.23	31.16	
33 41 16 13-0026 EA 10" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 113.96	38.49	
33 41 16 13-0027 EA 12" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 174.34	45.82	
33 41 16 13-0028 EA 15" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 396.61	59.87	
33 41 16 13-0029 EA 18" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 470.14	80.64	
33 41 16 13-0030 EA 24" Tee, Single Wall, Corrugated High Density Polyethylene (HDPE) 917.25	91.64	
33 41 16 13-0031 Wyes, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0032 EA 4" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE) 44.55	21.99	
33 41 16 13-0033 EA 6" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE) 56.33	25.66	
33 41 16 13-0034 EA 8" Wye, Single Wall, Corrugated High Density Polyethylene (HDPE) 139.61	31.16	
33 41 16 13-0035 45 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0036	EA	4" 45 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	29.21	14.67
33 41 16 13-0037		90 Degree Bends, Single Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 41 16 13-0021)</small>		
33 41 16 13-0038	EA	4" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	30.78	14.67
33 41 16 13-0039	EA	6" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	40.64	17.11
33 41 16 13-0040	EA	8" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	62.49	20.77
33 41 16 13-0041	EA	10" 90 Degree Bend, Single Wall, Corrugated High Density Polyethylene (HDPE).....	83.12	25.66
33 41 16 13-0042		Perforated Polyvinyl Chloride (PVC) Drainage Piping, D2729 <small>(33 41 16 13)</small> Note: Includes fittings, couplings, elbows, etc.		
33 41 16 13-0043	LF	3" Perforated Polyvinyl Chloride (PVC) Drainage Piping	9.13	3.70
		For <100, Add	1.01	
		For >1,000, Deduct	-0.64	
33 41 16 13-0044	LF	4" Perforated Polyvinyl Chloride (PVC) Drainage Piping	10.05	4.01
		For <100, Add	1.10	
		For >1,000, Deduct	-0.70	
33 41 16 13-0045	LF	6" Perforated Polyvinyl Chloride (PVC) Drainage Piping	15.20	4.80
		For <100, Add	1.48	
		For >1,000, Deduct	-1.00	
33 41 16 13-0046	LF	8" Perforated Polyvinyl Chloride (PVC) Drainage Piping	25.41	6.00
		For <100, Add	2.17	
		For >1,000, Deduct	-1.57	
33 41 16 13-0047	LF	10" Perforated Polyvinyl Chloride (PVC) Drainage Piping	45.08	6.25
		For <100, Add	3.19	
		For >1,000, Deduct	-2.57	
33 41 16 13-0048	LF	12" Perforated Polyvinyl Chloride (PVC) Drainage Piping	58.80	6.82
		For <100, Add	3.96	
		For >1,000, Deduct	-3.28	
33 41 16 13-0049	LF	15" Perforated Polyvinyl Chloride (PVC) Drainage Piping	83.07	7.69
		For <100, Add	5.31	
		For >1,000, Deduct	-4.54	
33 41 16 13-0050		Perforated Non-Reinforced Concrete Drainage Piping, C444 <small>(33 41 16 13)</small>		
33 41 16 13-0051	LF	6" Perforated Non-Reinforced Concrete Drainage Pipe.....	32.72	11.74
		For Extra Strength, Add	1.88	
		For >1,000, Deduct	-1.64	
33 41 16 13-0052	LF	8" Perforated Non-Reinforced Concrete Drainage Pipe.....	38.32	13.04
		For Extra Strength, Add	2.31	
		For >1,000, Deduct	-1.92	
33 41 16 13-0053	LF	10" Perforated Non-Reinforced Concrete Drainage Pipe.....	43.40	14.35
		For Extra Strength, Add	2.69	
		For >1,000, Deduct	-2.17	
33 41 16 13-0054	LF	12" Perforated Non-Reinforced Concrete Drainage Pipe.....	51.06	15.65
		For Extra Strength, Add	3.37	
		For >1,000, Deduct	-2.55	
33 41 16 13-0055		Extra Strength Porous Non-Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small> Note: Bell and spigot or tongue and groove. With seals and gaskets.		
33 41 16 13-0056	LF	6" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	26.91	11.74
		For >1,000, Deduct	-1.35	
33 41 16 13-0057	LF	8" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	29.79	13.04
		For >1,000, Deduct	-1.49	
33 41 16 13-0058	LF	10" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	32.87	14.35
		For >1,000, Deduct	-1.64	
33 41 16 13-0059	LF	12" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	37.58	14.90
		For >1,000, Deduct	-1.88	
33 41 16 13-0060	LF	15" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	43.74	16.76
		For >1,000, Deduct	-2.19	
33 41 16 13-0061	LF	18" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	54.11	21.43
		For >1,000, Deduct	-2.71	
33 41 16 13-0062	LF	21" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	67.56	27.48
		For >1,000, Deduct	-3.38	
33 41 16 13-0063	LF	24" Extra Strength Porous Non-Reinforced Concrete Drainage Pipe	82.40	33.54
		For >1,000, Deduct	-4.12	
33 41 16 13-0064		Standard Strength Porous Non-Reinforced Concrete Drainage Piping, C654 <small>(33 41 16 13)</small>		
33 41 16 13-0065	LF	6" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	24.99	11.74
		For >1,000, Deduct	-1.25	
33 41 16 13-0066	LF	8" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	31.92	13.04
		For >1,000, Deduct	-1.60	
33 41 16 13-0067	LF	10" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	40.56	14.35
		For >1,000, Deduct	-2.03	
33 41 16 13-0068	LF	12" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	49.36	15.65
		For >1,000, Deduct	-2.47	
33 41 16 13-0069	LF	15" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe	56.57	17.41
		For >1,000, Deduct	-2.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 41 16 13-0070 LF 18" Standard Strength Porous Non-Reinforced Concrete Drainage Pipe <i>For >1,000, Deduct</i>	73.39 -3.67	21.72
33 41 16 13-0071 Perforated Vitrified Clay Drainage Piping, C700 (33 41 16 13)		
33 41 16 13-0072 LF 4" Perforated Vitrified Clay Drainage Pipe	24.69	13.04
33 41 16 13-0073 LF 6" Perforated Vitrified Clay Drainage Pipe	29.54	14.67
33 41 16 13-0074 LF 8" Perforated Vitrified Clay Drainage Pipe	33.84	14.67
33 41 16 13-0075 LF 10" Perforated Vitrified Clay Drainage Pipe	45.47	17.93
33 41 16 13-0076 LF 12" Perforated Vitrified Clay Drainage Pipe	54.14	19.57
33 41 16 13-0077 Geotextile Filter Fabric Sock (33 41 16 13)		
33 41 16 13-0078 LF 3" Geotextile Filter Fabric Sock	0.79	
33 41 16 13-0079 LF 4" Geotextile Filter Fabric Sock	1.04	
33 41 16 13-0080 LF 6" Geotextile Filter Fabric Sock	1.58	
33 41 16 13-0081 LF 8" Geotextile Filter Fabric Sock	2.13	
33 41 16 13-0082 LF 10" Geotextile Filter Fabric Sock	3.20	
33 41 16 13-0083 LF 12" Geotextile Filter Fabric Sock	4.45	
33 41 16 13-0084 LF 15" Geotextile Filter Fabric Sock	5.38	
33 41 16 13-0085 Strip-Perforated, Galvanized, Corrugated Steel Pipe (33 41 16 13)		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0086 LF 6" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	23.78	5.58
<i>For Full Perforated, Add</i>	1.26	
33 41 16 13-0087 LF 8" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	30.15	6.77
<i>For Full Perforated, Add</i>	1.66	
33 41 16 13-0088 LF 10" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	38.02	8.60
<i>For Full Perforated, Add</i>	2.08	
33 41 16 13-0089 LF 12" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	42.10	10.16
<i>For Full Perforated, Add</i>	2.18	
33 41 16 13-0090 LF 15" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	48.40	10.52
<i>For Full Perforated, Add</i>	2.74	
33 41 16 13-0091 LF 18" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	54.85	10.90
<i>For Full Perforated, Add</i>	3.30	
33 41 16 13-0092 LF 21" Diameter, 16 Gauge, Strip-Perforated, Galvanized, Corrugated Steel Pipe	62.86	11.77
<i>For Full Perforated, Add</i>	3.93	
33 41 16 13-0093 Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe (33 41 16 13)		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0094 LF 6" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	25.80	5.58
<i>For Full Perforated, Add</i>	1.46	
33 41 16 13-0095 LF 8" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	32.90	6.77
<i>For Full Perforated, Add</i>	1.94	
33 41 16 13-0096 LF 10" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	41.37	8.60
<i>For Full Perforated, Add</i>	2.42	
33 41 16 13-0097 LF 12" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	45.36	10.16
<i>For Full Perforated, Add</i>	2.50	
33 41 16 13-0098 LF 15" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	52.43	10.52
<i>For Full Perforated, Add</i>	3.14	
33 41 16 13-0099 LF 18" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	59.63	10.90
<i>For Full Perforated, Add</i>	3.78	
33 41 16 13-0100 LF 21" Diameter, 16 Gauge, Strip-Perforated, Aluminized Type 2, Corrugated Steel Pipe	68.43	11.77
<i>For Full Perforated, Add</i>	4.49	
33 41 16 13-0101 Strip-Perforated, Corrugated Aluminum Pipe (33 41 16 13)		
Note: Perforations are located in the bottom quarter points of the pipe.		
33 41 16 13-0102 LF 6" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	26.46	5.58
<i>For Full Perforated, Add</i>	1.53	
33 41 16 13-0103 LF 8" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	33.74	6.77
<i>For Full Perforated, Add</i>	2.02	
33 41 16 13-0104 LF 10" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	42.44	8.60
<i>For Full Perforated, Add</i>	2.52	
33 41 16 13-0105 LF 12" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	53.40	10.16
<i>For Full Perforated, Add</i>	3.31	
33 41 16 13-0106 LF 15" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	62.44	10.52
<i>For Full Perforated, Add</i>	4.14	
33 41 16 13-0107 LF 18" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	71.77	10.90
<i>For Full Perforated, Add</i>	5.00	
33 41 16 13-0108 LF 21" Diameter, 16 Gauge, Strip-Perforated, Corrugated Aluminum Pipe	82.58	11.77
<i>For Full Perforated, Add</i>	5.91	
33 41 16 13-0109 Prefabricated Composite Drains (33 41 16 13)		
33 41 16 13-0110 Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE) (33 41 16 13-0109)		
Note: Excludes excavation and backfill. See CSI section 31 23 16 13-0000 for excavation and backfill.		
33 41 16 13-0111 LF 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	10.91	2.17
<i>For External Typar Geotextile Wrap, Add</i>	2.06	
33 41 16 13-0112 EA Coupler For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE).....	49.77	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 41 16 13-0113	EA	End Cap For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	49.77	
	33 41 16 13-0114	EA	Side Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	97.52	
	33 41 16 13-0115	EA	End Outlet For 12" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	97.52	
	33 41 16 13-0116	LF	18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	17.55	2.71
			<i>For External Typar Geotextile Wrap, Add</i>	3.09	
	33 41 16 13-0117	EA	Coupler For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	74.28	
	33 41 16 13-0118	EA	End Cap For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	74.28	
	33 41 16 13-0119	EA	Side Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	128.50	
	33 41 16 13-0120	EA	End Outlet For 18" Height, Panel-Shaped, Oblong Corrugated HDPE Drainage Pipe (ADS AdvanEDGE)	128.50	

33 41 19 Underslab Drainage (33 41)

33 41 19 13 Underslab Drainage Piping (33 41 19)

33 41 19 13-0001 Capillary Water Barrier Underslab Drainage (33 41 19 13)

Note: Consists of a layer of fine granular material overlying a coarse layer.

33 41 19 13-0002	CY	2" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	35.19	
33 41 19 13-0003	CY	4" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	32.71	
33 41 19 13-0004	CY	6" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	31.71	
33 41 19 13-0005	CY	8" Stone Capillary Water Barrier (Compacted Thickness) Underslab Drainage	30.23	

33 42 Stormwater Conveyance (33 40)

Note: Piping includes hydrostatic testing, disinfecting and warning tape. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.

33 42 11 Stormwater Gravity Piping (33 42)

33 42 11 00-0001 Reinforced Concrete Piping (33 42 11)

33 42 11 00-0002 Class 3 Reinforced Concrete Pipe Without Gaskets (33 42 11 00-0001)

33 42 11 00-0003	LF	12" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	49.16	15.65
		<i>For >1,000, Deduct</i>	-2.46	
		<i>For Class 4, Add</i>	2.55	
		<i>For Class 5, Add</i>	5.36	
33 42 11 00-0004	LF	15" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	59.19	17.41
		<i>For >1,000, Deduct</i>	-2.96	
		<i>For Class 4, Add</i>	3.26	
		<i>For Class 5, Add</i>	6.86	
33 42 11 00-0005	LF	18" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	67.12	21.72
		<i>For >1,000, Deduct</i>	-3.36	
		<i>For Class 4, Add</i>	3.43	
		<i>For Class 5, Add</i>	7.22	
33 42 11 00-0006	LF	21" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	86.04	27.39
		<i>For >1,000, Deduct</i>	-4.30	
		<i>For Class 4, Add</i>	4.46	
		<i>For Class 5, Add</i>	9.38	
33 42 11 00-0007	LF	24" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	100.60	33.26
		<i>For >1,000, Deduct</i>	-5.03	
		<i>For Class 4, Add</i>	5.04	
		<i>For Class 5, Add</i>	10.62	
33 42 11 00-0008	LF	27" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	128.01	42.70
		<i>For >1,000, Deduct</i>	-6.40	
		<i>For Class 4, Add</i>	6.37	
		<i>For Class 5, Add</i>	13.40	
33 42 11 00-0009	LF	30" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	136.22	44.10
		<i>For >1,000, Deduct</i>	-6.81	
		<i>For Class 4, Add</i>	6.89	
		<i>For Class 5, Add</i>	14.50	
33 42 11 00-0010	LF	36" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	169.15	50.11
		<i>For >1,000, Deduct</i>	-8.46	
		<i>For Class 4, Add</i>	9.34	
		<i>For Class 5, Add</i>	19.66	
33 42 11 00-0011	LF	42" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	220.19	55.12
		<i>For >1,000, Deduct</i>	-11.01	
		<i>For Class 4, Add</i>	13.51	
		<i>For Class 5, Add</i>	28.44	
33 42 11 00-0012	LF	48" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	264.10	61.38
		<i>For >1,000, Deduct</i>	-13.21	
		<i>For Class 4, Add</i>	16.76	
		<i>For Class 5, Add</i>	35.28	
33 42 11 00-0013	LF	54" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	329.27	70.15
		<i>For >1,000, Deduct</i>	-16.46	
		<i>For Class 4, Add</i>	21.76	
		<i>For Class 5, Add</i>	45.81	
33 42 11 00-0014	LF	60" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	397.96	81.38
		<i>For >1,000, Deduct</i>	-19.90	
		<i>For Class 4, Add</i>	26.76	
		<i>For Class 5, Add</i>	56.34	
33 42 11 00-0015	LF	66" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets	616.98	90.20
		<i>For >1,000, Deduct</i>	-30.85	
		<i>For Class 4, Add</i>	46.43	
		<i>For Class 5, Add</i>	97.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0016 LF 72" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	720.48	98.21
<i>For >1,000, Deduct</i>	-36.02	
<i>For Class 4, Add</i>	55.12	
<i>For Class 5, Add</i>	116.03	
33 42 11 00-0017 LF 78" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	867.17	110.24
<i>For >1,000, Deduct</i>	-43.36	
<i>For Class 4, Add</i>	67.39	
<i>For Class 5, Add</i>	141.86	
33 42 11 00-0018 LF 84" Diameter Class 3 Reinforced Concrete Pipe Without Gaskets.....	1,119.00	122.77
<i>For >1,000, Deduct</i>	-55.95	
<i>For Class 4, Add</i>	89.64	
<i>For Class 5, Add</i>	188.72	
33 42 11 00-0019 HE-I Elliptical Reinforced Concrete Piping Without Gaskets (33 42 11 00-0001)		
33 42 11 00-0020 LF 12" x 18" Elliptical Reinforced Concrete Pipe Without Gaskets (15" Diameter Equivalent Round Size).....	82.40	24.91
<i>For >1,000, Deduct</i>	-4.12	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	4.68	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	10.30	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	22.47	
33 42 11 00-0021 LF 14" x 23" Elliptical Reinforced Concrete Pipe Without Gaskets (18" Diameter Equivalent Round Size).....	119.37	28.87
<i>For >1,000, Deduct</i>	-5.97	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	7.81	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	17.18	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	37.49	
33 42 11 00-0022 LF 19" x 30" Elliptical Reinforced Concrete Pipe Without Gaskets (24" Diameter Equivalent Round Size).....	165.37	44.22
<i>For >1,000, Deduct</i>	-8.27	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	10.22	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	22.48	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	49.05	
33 42 11 00-0023 LF 22" x 34" Elliptical Reinforced Concrete Pipe Without Gaskets (27" Diameter Equivalent Round Size).....	195.39	56.80
<i>For >1,000, Deduct</i>	-9.77	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	11.43	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	25.14	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	54.84	
33 42 11 00-0024 LF 24" x 38" Elliptical Reinforced Concrete Pipe Without Gaskets (30" Diameter Equivalent Round Size).....	207.49	59.34
<i>For >1,000, Deduct</i>	-10.37	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	12.27	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	27.00	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	58.90	
33 42 11 00-0025 LF 27" x 42" Elliptical Reinforced Concrete Pipe Without Gaskets (33" Diameter Equivalent Round Size).....	238.73	62.66
<i>For >1,000, Deduct</i>	-11.94	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	14.92	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	32.83	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	71.63	
33 42 11 00-0026 LF 29" x 45" Elliptical Reinforced Concrete Pipe Without Gaskets (36" Diameter Equivalent Round Size).....	269.96	65.97
<i>For >1,000, Deduct</i>	-13.50	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	17.57	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	38.66	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	84.35	
33 42 11 00-0027 LF 34" x 53" Elliptical Reinforced Concrete Pipe Without Gaskets (42" Diameter Equivalent Round Size).....	329.76	72.59
<i>For >1,000, Deduct</i>	-16.49	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	22.61	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	49.74	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	108.51	
33 42 11 00-0028 LF 38" x 60" Elliptical Reinforced Concrete Pipe Without Gaskets (48" Diameter Equivalent Round Size).....	397.89	81.64
<i>For >1,000, Deduct</i>	-19.89	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	28.13	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	61.88	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	135.00	
33 42 11 00-0029 LF 43" x 68" Elliptical Reinforced Concrete Pipe Without Gaskets (54" Diameter Equivalent Round Size).....	452.90	93.30
<i>For >1,000, Deduct</i>	-22.65	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	31.96	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	70.31	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	153.41	
33 42 11 00-0030 LF 48" x 76" Elliptical Reinforced Concrete Pipe Without Gaskets (60" Diameter Equivalent Round Size).....	561.59	108.24
<i>For >1,000, Deduct</i>	-28.08	
<i>For Horizontal Elliptical - II (HE- II), Add</i>	40.70	
<i>For Horizontal Elliptical - III (HE- III), Add</i>	89.53	
<i>For Horizontal Elliptical - IV (HE- IV), Add</i>	195.35	
33 42 11 00-0031 LF 53" x 83" Elliptical Reinforced Concrete Pipe without Gaskets (66" Diameter Equivalent Round Size).....	641.39	119.27
33 42 11 00-0032 LF 58" x 91" Elliptical Reinforced Concrete Pipe without Gaskets (72" Diameter Equivalent Round Size).....	779.18	130.28
33 42 11 00-0033 LF 63" x 98" Elliptical Reinforced Concrete Pipe without Gaskets (78" Diameter Equivalent Round Size).....	931.66	147.32
33 42 11 00-0034 LF 68" x 106" Elliptical Reinforced Concrete Pipe without Gaskets (84" Diameter Equivalent Round Size).....	1,008.15	163.36
33 42 11 00-0035 LF 72" x 113" Elliptical Reinforced Concrete Pipe without Gaskets (90" Diameter Equivalent Round Size).....	1,294.84	171.38
33 42 11 00-0036 LF 77" x 121" Elliptical Reinforced Concrete Pipe without Gaskets (96" Diameter Equivalent Round Size).....	1,502.51	179.40
33 42 11 00-0037 Concrete Reducing Wye Without Gaskets (33 42 11 00-0001)		
33 42 11 00-0038 EA 12" Concrete Reducing Wye Without Gaskets	614.58	59.62
33 42 11 00-0039 EA 15" Concrete Reducing Wye Without Gaskets	736.85	72.66
33 42 11 00-0040 EA 18" Concrete Reducing Wye Without Gaskets	911.74	80.11
33 42 11 00-0041 EA 21" Concrete Reducing Wye Without Gaskets	1,045.49	98.74
33 42 11 00-0042 EA 24" Concrete Reducing Wye Without Gaskets	1,180.66	119.24

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0043			Concrete Pipe Joint Gaskets (33 42 11 00-0001)		
33 42 11 00-0044	EA		12" Diameter Concrete Pipe Joint Gasket	5.94	
33 42 11 00-0045	EA		15" Diameter Concrete Pipe Joint Gasket	7.03	
33 42 11 00-0046	EA		18" Diameter Concrete Pipe Joint Gasket	8.15	
33 42 11 00-0047	EA		21" Diameter Concrete Pipe Joint Gasket	9.85	
33 42 11 00-0048	EA		24" Diameter Concrete Pipe Joint Gasket	11.54	
33 42 11 00-0049	EA		27" Diameter Concrete Pipe Joint Gasket	12.85	
33 42 11 00-0050	EA		30" Diameter Concrete Pipe Joint Gasket	14.12	
33 42 11 00-0051	EA		36" Diameter Concrete Pipe Joint Gasket	17.26	
33 42 11 00-0052	EA		42" Diameter Concrete Pipe Joint Gasket	20.00	
33 42 11 00-0053	EA		48" Diameter Concrete Pipe Joint Gasket	23.07	
33 42 11 00-0054	EA		54" Diameter Concrete Pipe Joint Gasket	28.28	
33 42 11 00-0055	EA		60" Diameter Concrete Pipe Joint Gasket	41.86	
33 42 11 00-0056	EA		66" Diameter Concrete Pipe Joint Gasket	43.52	
33 42 11 00-0057	EA		72" Diameter Concrete Pipe Joint Gasket	45.12	
33 42 11 00-0058	EA		78" Diameter Concrete Pipe Joint Gasket	51.96	
33 42 11 00-0059	EA		84" Diameter Concrete Pipe Joint Gasket	62.30	
33 42 11 00-0060			Precast Concrete Cut Off Wall (33 42 11 00-0001)		
33 42 11 00-0061	EA		12" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	247.95	176.39
33 42 11 00-0062	EA		15" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	305.93	218.48
33 42 11 00-0063	EA		18" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	379.94	276.61
33 42 11 00-0064	EA		21" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	449.94	330.72
33 42 11 00-0065	EA		24" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	517.85	382.74
33 42 11 00-0066	EA		27" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	640.07	489.08
33 42 11 00-0067	EA		30" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	840.50	673.48
33 42 11 00-0068	EA		36" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,048.81	849.87
33 42 11 00-0069	EA		42" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,296.72	1,066.15
33 42 11 00-0070	EA		48" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,452.11	1,201.65
33 42 11 00-0071	EA		54" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,621.76	1,346.97
33 42 11 00-0072	EA		60" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,793.98	1,496.29
33 42 11 00-0073	EA		66" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,863.99	1,553.42
33 42 11 00-0074	EA		72" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,925.55	1,603.53
33 42 11 00-0075	EA		78" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	1,987.11	1,653.64
33 42 11 00-0076	EA		84" ID Pipe, 18" Thick, 36" High, Precast Concrete Cut Off Wall.....	2,050.10	1,703.75
33 42 11 00-0077			Strap Assembly (33 42 11 00-0001)		
			Note: Includes drilling holes in concrete pipe, setting threaded rod, bolts, and mounting the 12' strap.		
33 42 11 00-0078	EA		Up To 24" Diameter Pipe, 12' Strap Assembly	239.50	
33 42 11 00-0079	EA		>24" Diameter Pipe, 12' Strap Assembly	338.86	
33 42 11 00-0080			Prestressed Concrete Cylinder Piping (33 42 11)		
33 42 11 00-0081			150 PSI Prestressed Concrete Cylinder Pipe And Fittings (33 42 11 00-0080)		
33 42 11 00-0082			150 PSI Prestressed Concrete Cylinder Pipe With Gaskets (33 42 11 00-0081)		
			Note: Lined-cylinder pipe (AWWA C301) up to 48". Embedded-cylinder pipe (AWWA C301) >48".		
33 42 11 00-0083	LF		12" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	137.83	15.65
			For >1,000, Deduct	-6.89	
			For 100 PSI, Deduct	-28.87	
33 42 11 00-0084	LF		15" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	147.03	17.41
			For >1,000, Deduct	-7.35	
			For 100 PSI, Deduct	-30.54	
33 42 11 00-0085	LF		18" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	159.87	21.72
			For >1,000, Deduct	-7.99	
			For 100 PSI, Deduct	-32.21	
33 42 11 00-0086	LF		21" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	174.65	27.39
			For >1,000, Deduct	-8.73	
			For 100 PSI, Deduct	-33.88	
33 42 11 00-0087	LF		24" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	189.73	33.26
			For >1,000, Deduct	-9.49	
			For 100 PSI, Deduct	-35.56	
33 42 11 00-0088	LF		30" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	222.97	44.10
			For >1,000, Deduct	-11.15	
			For 100 PSI, Deduct	-39.81	
33 42 11 00-0089	LF		36" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	247.11	50.11
			For >1,000, Deduct	-12.36	
			For 100 PSI, Deduct	-44.06	
33 42 11 00-0090	LF		42" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	287.04	55.12
			For >1,000, Deduct	-14.35	
			For 100 PSI, Deduct	-52.27	
33 42 11 00-0091	LF		48" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	329.59	61.38
			For >1,000, Deduct	-16.48	
			For 100 PSI, Deduct	-60.47	
33 42 11 00-0092	LF		54" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	437.41	79.85
			For >1,000, Deduct	-21.87	
			For 100 PSI, Deduct	-80.83	
33 42 11 00-0093	LF		60" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	527.37	92.63
			For >1,000, Deduct	-26.37	
			For 100 PSI, Deduct	-98.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0094 LF 66" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	592.72	102.67
<i>For >1,000, Deduct</i>	-29.64	
<i>For 100 PSI, Deduct</i>	-111.68	
33 42 11 00-0095 LF 72" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	661.10	111.79
<i>For >1,000, Deduct</i>	-33.06	
<i>For 100 PSI, Deduct</i>	-125.35	
33 42 11 00-0096 LF 78" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	750.95	125.48
<i>For >1,000, Deduct</i>	-37.55	
<i>For 100 PSI, Deduct</i>	-142.82	
33 42 11 00-0097 LF 84" 150 PSI Prestressed Concrete Cylinder Pipe With Gaskets.....	840.82	139.74
<i>For >1,000, Deduct</i>	-42.04	
<i>For 100 PSI, Deduct</i>	-160.30	
33 42 11 00-0098 150 PSI Prestressed Concrete Cylinder 90 Degree Elbows With Gaskets (33		
<small>42 11 00-0081)</small>		
33 42 11 00-0099 EA 12" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	448.41	146.71
33 42 11 00-0100 EA 15" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	619.74	209.59
33 42 11 00-0101 EA 18" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	795.94	279.46
33 42 11 00-0102 EA 21" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	972.13	349.31
33 42 11 00-0103 EA 24" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,179.05	434.08
33 42 11 00-0104 EA 30" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,511.58	582.19
33 42 11 00-0105 EA 36" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,889.01	701.54
33 42 11 00-0106 EA 42" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,199.78	818.80
33 42 11 00-0107 EA 48" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,475.50	935.06
33 42 11 00-0108 EA 54" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,043.95	1,167.57
33 42 11 00-0109 EA 60" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	4,006.86	1,597.04
33 42 11 00-0110 EA 66" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	4,465.39	1,768.15
33 42 11 00-0111 EA 72" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	4,923.92	1,939.26
33 42 11 00-0112 EA 78" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	5,949.97	2,224.45
33 42 11 00-0113 EA 84" 90 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	6,969.72	2,509.63
33 42 11 00-0114 150 PSI Prestressed Concrete Cylinder 45 Degree Elbows With Gaskets (33		
<small>42 11 00-0081)</small>		
33 42 11 00-0115 EA 12" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	417.41	146.71
33 42 11 00-0116 EA 15" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	579.63	209.59
33 42 11 00-0117 EA 18" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	748.53	279.46
33 42 11 00-0118 EA 21" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	917.43	349.31
33 42 11 00-0119 EA 24" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,117.06	434.08
33 42 11 00-0120 EA 30" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,426.50	543.07
33 42 11 00-0121 EA 36" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	1,791.77	701.54
33 42 11 00-0122 EA 42" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,087.34	818.80
33 42 11 00-0123 EA 48" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,354.56	935.06
33 42 11 00-0124 EA 54" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	2,872.12	1,167.57
33 42 11 00-0125 EA 60" 45 Degree Elbows With Gaskets, 150 PSI Prestressed Concrete Cylinder Piping.....	3,843.16	1,597.04
33 42 11 00-0126 400 PSI Prestressed Concrete Cylinder Pipe With Regular Joints (33 42 11 00-0080)		
33 42 11 00-0127 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints (33 42 11		
<small>00-0126)</small>		
Note: AWWA C301		
33 42 11 00-0128 LF 30" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	262.94	44.10
<i>For >1,000, Deduct</i>	-13.15	
33 42 11 00-0129 LF 36" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	320.92	50.11
<i>For >1,000, Deduct</i>	-16.05	
33 42 11 00-0130 LF 42" 400 PSI Lined Prestressed Concrete Cylinder Pipe With Regular Joints.....	374.66	55.12
<i>For >1,000, Deduct</i>	-18.73	
33 42 11 00-0131 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular		
Joints (33 42 11 00-0126)		
Note: AWWA C301		
33 42 11 00-0132 LF 48" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	505.59	61.34
<i>For >1,000, Deduct</i>	-25.28	
33 42 11 00-0133 LF 54" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	606.34	79.85
<i>For >1,000, Deduct</i>	-30.32	
33 42 11 00-0134 LF 60" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	698.96	92.63
<i>For >1,000, Deduct</i>	-34.95	
33 42 11 00-0135 LF 66" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	787.02	102.67
<i>For >1,000, Deduct</i>	-39.35	
33 42 11 00-0136 LF 72" 400 PSI Embedded Prestressed Concrete Cylinder Pipe With Regular Joints.....	953.93	111.79
<i>For >1,000, Deduct</i>	-47.70	
33 42 11 00-0137 Welded Joints For Prestressed Concrete Cylinder Pipe (33 42 11 00-0126)		
Note: All pipe joints to be exposed and dewatered. Internal joint welding also requires joints to be ventilated and air quality checked.		
33 42 11 00-0138 EA 30" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,397.70	
33 42 11 00-0139 EA 36" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,575.31	
33 42 11 00-0140 EA 42" Welded Joint For Prestressed Concrete Cylinder Pipe.....	2,664.11	
33 42 11 00-0141 EA 48" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,019.33	
33 42 11 00-0142 EA 54" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,108.13	
33 42 11 00-0143 EA 60" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,285.74	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0144	EA		66" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,374.54	
33 42 11 00-0145	EA		72" Welded Joint For Prestressed Concrete Cylinder Pipe.....	3,463.35	
33 42 11 00-0146	EA		30" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	4,440.19	
33 42 11 00-0147	EA		36" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	4,440.19	
33 42 11 00-0148	EA		42" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,061.81	
33 42 11 00-0149	EA		48" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,061.81	
33 42 11 00-0150	EA		54" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,417.03	
33 42 11 00-0151	EA		60" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,417.03	
33 42 11 00-0152	EA		66" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,861.05	
33 42 11 00-0153	EA		72" Internal Welded Joint For Prestressed Concrete Cylinder Pipe.....	5,861.05	
33 42 11 00-0154			Quick Test Joints (33 42 11 00-0126)		
33 42 11 00-0155	EA		30" Quick Test Joint.....	599.36	
33 42 11 00-0156	EA		36" Quick Test Joint.....	604.37	
33 42 11 00-0157	EA		42" Quick Test Joint.....	609.38	
33 42 11 00-0158	EA		48" Quick Test Joint.....	621.53	
33 42 11 00-0159	EA		54" Quick Test Joint.....	649.93	
33 42 11 00-0160	EA		60" Quick Test Joint.....	673.24	
33 42 11 00-0161	EA		66" Quick Test Joint.....	708.46	
33 42 11 00-0162	EA		72" Quick Test Joint.....	743.69	
33 42 11 00-0163			Harnessed Joints (33 42 11 00-0126)		
33 42 11 00-0164			Harness Clamp Restrained Joints (33 42 11 00-0163)		
33 42 11 00-0165	EA		30" Harness Clamp Restrained Joint.....	4,031.65	
33 42 11 00-0166	EA		36" Harness Clamp Restrained Joint.....	4,188.64	
33 42 11 00-0167	EA		42" Harness Clamp Restrained Joint.....	4,345.63	
33 42 11 00-0168	EA		48" Harness Clamp Restrained Joint.....	4,502.62	
33 42 11 00-0169	EA		54" Harness Clamp Restrained Joint.....	4,673.47	
33 42 11 00-0170	EA		60" Harness Clamp Restrained Joint.....	4,912.84	
33 42 11 00-0171	EA		66" Harness Clamp Restrained Joint.....	5,076.23	
33 42 11 00-0172	EA		72" Harness Clamp Restrained Joint.....	5,437.19	
33 42 11 00-0173			Snap Ring Restrained Joints (33 42 11 00-0163)		
33 42 11 00-0174	EA		30" Snap Ring Restrained Joint.....	688.10	
33 42 11 00-0175	EA		36" Snap Ring Restrained Joint.....	784.30	
33 42 11 00-0176	EA		42" Snap Ring Restrained Joint.....	1,047.67	
33 42 11 00-0177	EA		48" Snap Ring Restrained Joint.....	1,189.46	
33 42 11 00-0178	EA		54" Snap Ring Restrained Joint.....	1,345.12	
33 42 11 00-0179	EA		60" Snap Ring Restrained Joint.....	1,523.69	
33 42 11 00-0180	EA		66" Snap Ring Restrained Joint.....	1,687.08	
33 42 11 00-0181	EA		72" Snap Ring Restrained Joint.....	1,880.87	
33 42 11 00-0182			Pipe Repairs (33 42 11 00-0126)		
			Note: For repair of damaged or defective lined or embedded cylinder concrete pipe. Includes 2 concrete adapters, MJD sleeve, 20' pipe.		
33 42 11 00-0183			Lined Cylinder Pipe Repair (33 42 11 00-0182)		
33 42 11 00-0184	EA		30" Lined Cylinder Pipe Repair.....	5,399.61	
33 42 11 00-0185	EA		36" Lined Cylinder Pipe Repair.....	6,681.39	
33 42 11 00-0186	EA		42" Lined Cylinder Pipe Repair.....	10,027.06	
33 42 11 00-0187			Embedded Cylinder Pipe Repair (33 42 11 00-0182)		
			Note: Field welded concrete enclosure assembly with concrete pipe.		
33 42 11 00-0188	EA		48" Embedded Cylinder Pipe Repair.....	15,059.17	
33 42 11 00-0189	EA		54" Embedded Cylinder Pipe Repair.....	17,505.95	
33 42 11 00-0190	EA		60" Embedded Cylinder Pipe Repair.....	19,969.42	
33 42 11 00-0191	EA		66" Embedded Cylinder Pipe Repair.....	22,563.63	
33 42 11 00-0192	EA		72" Embedded Cylinder Pipe Repair.....	27,195.21	
33 42 11 00-0193			High Density Polyethylene (HDPE) Drainage Piping (33 42 11)		
33 42 11 00-0194			Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0193)		
			Note: Excludes couplings and gaskets.		
33 42 11 00-0195			Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping (33 42 11 00-0194)		
33 42 11 00-0196	LF		4" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	15.10	6.54
			For <100, Add	2.62	
			For >1,000, Deduct	-1.41	
33 42 11 00-0197	LF		6" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	20.32	7.60
			For <100, Add	3.04	
			For >1,000, Deduct	-1.78	
33 42 11 00-0198	LF		8" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe.....	25.34	8.85
			For <100, Add	3.54	
			For >1,000, Deduct	-2.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0199 LF 10" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	29.34 3.66 -2.38	9.16
33 42 11 00-0200 LF 12" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	30.93 3.79 -2.49	9.49
33 42 11 00-0201 LF 15" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	35.68 3.93 -2.77	9.82
33 42 11 00-0202 LF 18" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	44.29 4.07 -3.23	10.18
33 42 11 00-0203 LF 24" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	61.96 4.77 -4.29	11.92
33 42 11 00-0204 LF 30" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	88.41 6.42 -6.03	16.04
33 42 11 00-0205 LF 36" Coupled, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	116.70 8.11 -7.86	20.28
33 42 11 00-0206 Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0194)</small>		
33 42 11 00-0207 LF 12" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	30.72 3.79 -2.48	9.49
33 42 11 00-0208 LF 15" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	36.52 3.93 -2.81	9.82
33 42 11 00-0209 LF 18" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	45.56 4.07 -3.30	10.18
33 42 11 00-0210 LF 24" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	63.96 4.77 -4.39	11.92
33 42 11 00-0211 LF 30" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	93.90 6.42 -6.30	16.04
33 42 11 00-0212 LF 36" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	120.78 8.11 -8.07	20.28
33 42 11 00-0213 LF 42" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	160.04 8.85 -10.21	22.13
33 42 11 00-0214 LF 48" Bell And Spigot, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	174.02 9.98 -11.20	24.97
33 42 11 00-0215 Perforated, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0193)</small> Note: Excludes couplings and gaskets.		
33 42 11 00-0216 Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0215)</small>		
33 42 11 00-0217 LF 4" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	16.15 2.62 -1.46	6.54
33 42 11 00-0218 LF 6" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	20.36 3.04 -1.78	7.60
33 42 11 00-0219 LF 8" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	25.34 3.54 -2.15	8.85
33 42 11 00-0220 LF 10" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	29.37 3.66 -2.38	9.16
33 42 11 00-0221 LF 12" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	30.93 3.79 -2.49	9.49
33 42 11 00-0222 LF 15" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	35.71 3.93 -2.77	9.82
33 42 11 00-0223 LF 18" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	44.33 4.07 -3.23	10.18
33 42 11 00-0224 LF 24" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	61.96 4.77 -4.29	11.92
33 42 11 00-0225 LF 30" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	88.76 6.42 -6.04	16.04
33 42 11 00-0226 LF 36" Coupled, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe <i>For <100, Add</i> <i>For >1,000, Deduct</i>	116.70 8.11 -7.86	20.28

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0227			Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Piping <small>(33 42 11 00-0215)</small>		
33 42 11 00-0228	LF		12" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	30.75	9.49
			For <100, Add	3.79	
			For >1,000, Deduct	-2.49	
33 42 11 00-0229	LF		15" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	36.56	9.82
			For <100, Add	3.93	
			For >1,000, Deduct	-2.81	
33 42 11 00-0230	LF		18" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	45.59	10.18
			For <100, Add	4.07	
			For >1,000, Deduct	-3.30	
33 42 11 00-0231	LF		24" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	63.96	11.92
			For <100, Add	4.77	
			For >1,000, Deduct	-4.39	
33 42 11 00-0232	LF		30" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	93.90	16.04
			For <100, Add	6.42	
			For >1,000, Deduct	-6.30	
33 42 11 00-0233	LF		36" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	120.78	20.28
			For <100, Add	8.11	
			For >1,000, Deduct	-8.07	
33 42 11 00-0234	LF		42" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	160.04	22.13
			For <100, Add	8.85	
			For >1,000, Deduct	-10.21	
33 42 11 00-0235	LF		48" Bell And Spigot, Perforated, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe	174.02	24.97
			For <100, Add	9.98	
			For >1,000, Deduct	-11.20	
33 42 11 00-0236			Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) Pipe Fittings <small>(33 42 11 00-0193)</small>		
			Note: Excludes couplings and gaskets.		
33 42 11 00-0237			Tees, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 42 11 00-0236)</small>		
33 42 11 00-0238	EA		4" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	67.47	21.99
33 42 11 00-0239	EA		6" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	85.72	25.66
33 42 11 00-0240	EA		8" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	143.30	31.16
33 42 11 00-0241	EA		10" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	222.88	38.49
33 42 11 00-0242	EA		12" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	358.79	45.82
33 42 11 00-0243	EA		15" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	508.67	59.87
33 42 11 00-0244	EA		18" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	734.13	80.64
33 42 11 00-0245	EA		24" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	946.46	92.05
33 42 11 00-0246	EA		30" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,679.37	106.31
33 42 11 00-0247	EA		36" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	2,163.39	122.80
33 42 11 00-0248	EA		42" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	3,629.06	146.62
33 42 11 00-0249	EA		48" Tee, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	4,559.80	174.12
33 42 11 00-0250			Wyes, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 42 11 00-0236)</small>		
33 42 11 00-0251	EA		4" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	103.76	21.99
33 42 11 00-0252	EA		6" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	125.54	25.66
33 42 11 00-0253	EA		8" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	168.43	31.16
33 42 11 00-0254	EA		10" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	250.59	38.49
33 42 11 00-0255	EA		12" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	447.94	45.82
33 42 11 00-0256	EA		15" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	481.32	59.87
33 42 11 00-0257	EA		18" Wye, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	680.92	80.64
33 42 11 00-0258			22-1/2 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 42 11 00-0236)</small>		
33 42 11 00-0259	EA		4" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	40.43	14.67
33 42 11 00-0260	EA		6" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	50.36	17.11
33 42 11 00-0261	EA		8" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	75.41	20.77
33 42 11 00-0262	EA		10" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	95.13	25.66
33 42 11 00-0263	EA		12" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	141.14	30.55
33 42 11 00-0264	EA		15" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	227.24	39.10
33 42 11 00-0265	EA		18" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	300.26	53.77
33 42 11 00-0266	EA		24" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	588.89	61.09
33 42 11 00-0267	EA		30" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	824.79	70.86
33 42 11 00-0268	EA		36" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	967.09	81.86
33 42 11 00-0269	EA		42" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,239.12	97.75
33 42 11 00-0270	EA		48" 22-1/2 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,682.60	116.07

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 11 00-0271	45 Degree Bends, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE) <small>(33 42 11 00-0236)</small>		
33 42 11 00-0272	EA 4" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	44.40	14.67
33 42 11 00-0273	EA 6" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	58.63	17.11
33 42 11 00-0274	EA 8" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	79.64	20.77
33 42 11 00-0275	EA 10" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	129.48	25.66
33 42 11 00-0276	EA 12" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	141.14	30.55
33 42 11 00-0277	EA 15" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	226.55	39.10
33 42 11 00-0278	EA 18" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	355.65	53.77
33 42 11 00-0279	EA 24" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	631.69	61.09
33 42 11 00-0280	EA 30" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	826.82	70.86
33 42 11 00-0281	EA 36" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,059.32	81.86
33 42 11 00-0282	EA 42" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	1,595.10	97.75
33 42 11 00-0283	EA 48" 45 Degree Bend, Smooth Interior, Double Wall, Corrugated High Density Polyethylene (HDPE).....	2,001.67	116.07

33 42 11 00-0284 **Couplings And End Caps, Corrugated High Density Polyethylene (HDPE)**

Pipe Fittings (33 42 11 00-0193)

Note: For single and double wall high density polyethylene (HDPE) piping.

33 42 11 00-0285

Couplings, Corrugated High Density Polyethylene (HDPE) Pipe (33 42 11 00-0284)

33 42 11 00-0286	EA 4" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	2.37	
33 42 11 00-0287	EA 6" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	4.25	
33 42 11 00-0288	EA 8" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	6.54	
33 42 11 00-0289	EA 10" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.04	
33 42 11 00-0290	EA 12" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	8.65	
33 42 11 00-0291	EA 15" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	12.31	
33 42 11 00-0292	EA 18" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	18.22	
33 42 11 00-0293	EA 24" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	29.01	
33 42 11 00-0294	EA 30" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	44.53	
33 42 11 00-0295	EA 36" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	58.27	
33 42 11 00-0296	EA 42" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	91.60	
33 42 11 00-0297	EA 48" Coupling, Corrugated High Density Polyethylene (HDPE) Pipe	123.89	

33 42 11 00-0298

Self Adhering Gaskets, Corrugated High Density Polyethylene (HDPE)

Pipe (33 42 11 00-0284)

33 42 11 00-0299	EA 4" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	125.44	
33 42 11 00-0300	EA 6" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	131.34	
33 42 11 00-0301	EA 8" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	137.52	
33 42 11 00-0302	EA 10" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	143.99	
33 42 11 00-0303	EA 12" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	170.78	
33 42 11 00-0304	EA 15" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	176.33	
33 42 11 00-0305	EA 18" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	183.91	
33 42 11 00-0306	EA 24" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	209.48	
33 42 11 00-0307	EA 30" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	335.81	
33 42 11 00-0308	EA 36" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	367.82	
33 42 11 00-0309	EA 42" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	400.77	
33 42 11 00-0310	EA 48" Self Adhering Gasket, Corrugated High Density Polyethylene (HDPE) Pipe.....	486.74	

33 42 11 00-0311

End Caps, Corrugated High Density Polyethylene (HDPE) Pipe (33 42 11 00-0284)

33 42 11 00-0312	EA 6" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	32.46	
33 42 11 00-0313	EA 8" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	38.15	
33 42 11 00-0314	EA 10" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	62.00	
33 42 11 00-0315	EA 12" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	105.70	
33 42 11 00-0316	EA 15" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	123.03	
33 42 11 00-0317	EA 18" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	166.41	
33 42 11 00-0318	EA 24" End Cap For Corrugated High Density Polyethylene (HDPE) Pipe	172.40	

33 42 11 00-0319

Vitrified Clay Piping (33 42 11)

33 42 11 00-0320

Extra Strength Vitrified Clay Piping (33 42 11 00-0319)

33 42 11 00-0321

Plain Joint, Extra Strength, Vitrified Clay Piping (33 42 11 00-0320)

Note: ASTM C700.

33 42 11 00-0322	LF 4" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	20.34	
	For 3' Lengths, Add	1.83	
	For 2' Lengths, Add	2.44	
	For Standard Strength, Deduct	-0.61	
	For >1,000, Deduct	-1.02	
33 42 11 00-0323	LF 6" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	33.76	
	For 3' Lengths, Add	2.84	
	For 2' Lengths, Add	3.79	
	For Standard Strength, Deduct	-0.95	
	For >1,000, Deduct	-1.69	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0324	LF		8" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	40.53	
			<i>For 3' Lengths, Add</i>	4.07	
			<i>For 2' Lengths, Add</i>	5.42	
			<i>For Standard Strength, Deduct</i>	-1.36	
			<i>For >1,000, Deduct</i>	-2.03	
33 42 11 00-0325	LF		10" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	48.72	
			<i>For 3' Lengths, Add</i>	6.23	
			<i>For 2' Lengths, Add</i>	8.30	
			<i>For Standard Strength, Deduct</i>	-2.08	
			<i>For >1,000, Deduct</i>	-2.44	
33 42 11 00-0326	LF		12" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	59.81	
			<i>For 3' Lengths, Add</i>	8.79	
			<i>For 2' Lengths, Add</i>	11.72	
			<i>For Standard Strength, Deduct</i>	-2.93	
			<i>For >1,000, Deduct</i>	-2.99	
33 42 11 00-0327	LF		15" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	88.88	
			<i>For 3' Lengths, Add</i>	16.48	
			<i>For 2' Lengths, Add</i>	21.98	
			<i>For Standard Strength, Deduct</i>	-5.49	
			<i>For >1,000, Deduct</i>	-4.44	
33 42 11 00-0328	LF		18" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	121.09	
			<i>For 3' Lengths, Add</i>	23.63	
			<i>For 2' Lengths, Add</i>	31.50	
			<i>For Standard Strength, Deduct</i>	-7.88	
			<i>For >1,000, Deduct</i>	-6.05	
33 42 11 00-0329	LF		21" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	179.55	
			<i>For 3' Lengths, Add</i>	37.85	
			<i>For 2' Lengths, Add</i>	50.46	
			<i>For Standard Strength, Deduct</i>	-12.62	
			<i>For >1,000, Deduct</i>	-8.98	
33 42 11 00-0330	LF		24" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	229.64	
			<i>For 3' Lengths, Add</i>	49.45	
			<i>For 2' Lengths, Add</i>	65.93	
			<i>For Standard Strength, Deduct</i>	-16.48	
			<i>For >1,000, Deduct</i>	-11.48	
33 42 11 00-0331	LF		30" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	284.22	
			<i>For 3' Lengths, Add</i>	61.65	
			<i>For 2' Lengths, Add</i>	82.20	
			<i>For Standard Strength, Deduct</i>	-20.55	
			<i>For >1,000, Deduct</i>	-14.21	
33 42 11 00-0332	LF		36" Plain Joint, Extra Strength, Vitrified Clay Pipe.....	343.83	
			<i>For 3' Lengths, Add</i>	74.47	
			<i>For 2' Lengths, Add</i>	99.30	
			<i>For Standard Strength, Deduct</i>	-24.82	
			<i>For >1,000, Deduct</i>	-17.19	
33 42 11 00-0333			Compression Joint, Extra Strength, Vitrified Clay Piping (33 42 11 00-0320)		
			Note: ASTM C425.		
33 42 11 00-0334	LF		4" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	28.78	
			<i>For 3' Lengths, Add</i>	2.16	
			<i>For 2' Lengths, Add</i>	2.88	
			<i>For Standard Strength, Deduct</i>	-0.72	
			<i>For >1,000, Deduct</i>	-1.44	
33 42 11 00-0335	LF		6" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	36.04	
			<i>For 3' Lengths, Add</i>	3.53	
			<i>For 2' Lengths, Add</i>	4.70	
			<i>For Standard Strength, Deduct</i>	-1.18	
			<i>For >1,000, Deduct</i>	-1.80	
33 42 11 00-0336	LF		8" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	43.58	
			<i>For 3' Lengths, Add</i>	4.98	
			<i>For 2' Lengths, Add</i>	6.64	
			<i>For Standard Strength, Deduct</i>	-1.66	
			<i>For >1,000, Deduct</i>	-2.18	
33 42 11 00-0337	LF		10" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	55.24	
			<i>For 3' Lengths, Add</i>	8.18	
			<i>For 2' Lengths, Add</i>	10.91	
			<i>For Standard Strength, Deduct</i>	-2.73	
			<i>For >1,000, Deduct</i>	-2.76	
33 42 11 00-0338	LF		12" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	66.32	
			<i>For 3' Lengths, Add</i>	10.74	
			<i>For 2' Lengths, Add</i>	14.32	
			<i>For Standard Strength, Deduct</i>	-3.58	
			<i>For >1,000, Deduct</i>	-3.32	
33 42 11 00-0339	LF		15" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	99.26	
			<i>For 3' Lengths, Add</i>	19.60	
			<i>For 2' Lengths, Add</i>	26.13	
			<i>For Standard Strength, Deduct</i>	-6.53	
			<i>For >1,000, Deduct</i>	-4.96	
33 42 11 00-0340	LF		18" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	137.97	
			<i>For 3' Lengths, Add</i>	28.69	
			<i>For 2' Lengths, Add</i>	38.25	
			<i>For Standard Strength, Deduct</i>	-9.56	
			<i>For >1,000, Deduct</i>	-6.90	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0341 LF 21" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	198.88	
<i>For 3' Lengths, Add</i>	43.65	
<i>For 2' Lengths, Add</i>	58.20	
<i>For Standard Strength, Deduct</i>	-14.55	
<i>For >1,000, Deduct</i>	-9.94	
33 42 11 00-0342 LF 24" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	260.16	
<i>For 3' Lengths, Add</i>	58.60	
<i>For 2' Lengths, Add</i>	78.14	
<i>For Standard Strength, Deduct</i>	-19.53	
<i>For >1,000, Deduct</i>	-13.01	
33 42 11 00-0343 LF 30" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	418.52	
<i>For 3' Lengths, Add</i>	101.94	
<i>For 2' Lengths, Add</i>	135.92	
<i>For Standard Strength, Deduct</i>	-33.98	
<i>For >1,000, Deduct</i>	-20.93	
33 42 11 00-0344 LF 36" Compression Joint, Extra Strength, Vitrified Clay Pipe.....	596.14	
<i>For 3' Lengths, Add</i>	150.17	
<i>For 2' Lengths, Add</i>	200.22	
<i>For Standard Strength, Deduct</i>	-50.06	
<i>For >1,000, Deduct</i>	-29.81	
33 42 11 00-0345 Extra Strength, Vitrified Clay Pipe Fittings <small>(33 42 11 00-0319)</small>		
33 42 11 00-0346 1/8 Bends, Extra Strength, Vitrified Clay <small>(33 42 11 00-0346)</small>		
33 42 11 00-0347 Plain End 1/8 Bend, Extra Strength, Vitrified Clay <small>(33 42 11 00-0346)</small>		
33 42 11 00-0348 EA 4" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	86.30	
33 42 11 00-0349 EA 6" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	116.98	
33 42 11 00-0350 EA 8" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	168.09	
33 42 11 00-0351 EA 10" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	231.83	
33 42 11 00-0352 EA 12" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	307.24	
33 42 11 00-0353 EA 15" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	740.73	
33 42 11 00-0354 EA 18" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,045.72	
33 42 11 00-0355 EA 21" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,633.86	
33 42 11 00-0356 EA 24" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	1,885.15	
33 42 11 00-0357 EA 30" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	2,188.11	
33 42 11 00-0358 EA 36" Plain End 1/8 Bend, Extra Strength, Vitrified Clay.....	3,288.20	
33 42 11 00-0359 Compression Joint 1/8 Bends, Extra Strength, Vitrified Clay <small>(33 42 11 00-0346)</small>		
33 42 11 00-0360 EA 4" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	97.36	
33 42 11 00-0361 EA 6" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	139.21	
33 42 11 00-0362 EA 8" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	189.34	
33 42 11 00-0363 EA 10" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	254.55	
33 42 11 00-0364 EA 12" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	323.93	
33 42 11 00-0365 EA 15" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	830.46	
33 42 11 00-0366 EA 18" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,209.66	
33 42 11 00-0367 EA 21" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	1,241.51	
33 42 11 00-0368 EA 24" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,415.08	
33 42 11 00-0369 EA 30" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	2,687.83	
33 42 11 00-0370 EA 36" Compression Joint 1/8 Bend, Extra Strength, Vitrified Clay.....	3,997.98	
33 42 11 00-0371 1/4 Bends, Extra Strength, Vitrified Clay <small>(33 42 11 00-0345)</small>		
33 42 11 00-0372 Plain End 1/4 Bends, Extra Strength, Vitrified Clay <small>(33 42 11 00-0371)</small>		
33 42 11 00-0373 EA 4" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	100.55	
33 42 11 00-0374 EA 6" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	134.13	
33 42 11 00-0375 EA 8" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	188.17	
33 42 11 00-0376 EA 10" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	253.49	
33 42 11 00-0377 EA 12" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	331.64	
33 42 11 00-0378 EA 15" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	767.87	
33 42 11 00-0379 EA 18" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,079.58	
33 42 11 00-0380 EA 21" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,676.57	
33 42 11 00-0381 EA 24" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	1,937.01	
33 42 11 00-0382 EA 30" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	2,252.78	
33 42 11 00-0383 EA 36" Plain End 1/4 Bend, Extra Strength, Vitrified Clay.....	3,360.10	
33 42 11 00-0384 Compression Joint 1/4 Bends, Extra Strength, Vitrified Clay <small>(33 42 11 00-0371)</small>		
33 42 11 00-0385 EA 4" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	114.46	
33 42 11 00-0386 EA 6" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	159.79	
33 42 11 00-0387 EA 8" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	213.43	
33 42 11 00-0388 EA 10" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	280.54	
33 42 11 00-0389 EA 12" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	353.21	
33 42 11 00-0390 EA 15" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	863.05	
33 42 11 00-0391 EA 18" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	1,250.29	
33 42 11 00-0392 EA 21" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,433.39	
33 42 11 00-0393 EA 24" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,477.32	
33 42 11 00-0394 EA 30" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	2,765.44	
33 42 11 00-0395 EA 36" Compression Joint 1/4 Bend, Extra Strength, Vitrified Clay.....	4,084.25	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 11 00-0396		Wyes Or Tees, Extra Strength, Vitrified Clay <small>(33 42 11 00-0345)</small>		
33 42 11 00-0397		Plain End Wyes Or Tees, Extra Strength, Vitrified Clay <small>(33 42 11 00-0396)</small>		
33 42 11 00-0398	EA	4" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	109.96	
33 42 11 00-0399	EA	6" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	143.99	
33 42 11 00-0400	EA	8" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	196.67	
33 42 11 00-0401	EA	10" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	260.79	
33 42 11 00-0402	EA	12" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	330.70	
33 42 11 00-0403	EA	15" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	773.82	
33 42 11 00-0404	EA	18" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,084.27	
33 42 11 00-0405	EA	21" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	1,568.72	
33 42 11 00-0406	EA	24" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,185.55	
33 42 11 00-0407	EA	30" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	2,309.81	
33 42 11 00-0408	EA	36" Plain End Wyes Or Tees, Extra Strength, Vitrified Clay	3,329.09	
33 42 11 00-0409		Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay <small>(33 42 11 00-0396)</small>		
33 42 11 00-0410	EA	4" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	134.44	
33 42 11 00-0411	EA	6" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	185.22	
33 42 11 00-0412	EA	8" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	244.84	
33 42 11 00-0413	EA	10" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	317.57	
33 42 11 00-0414	EA	12" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	397.25	
33 42 11 00-0415	EA	15" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	941.43	
33 42 11 00-0416	EA	18" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	1,358.92	
33 42 11 00-0417	EA	21" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,020.53	
33 42 11 00-0418	EA	24" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	2,678.84	
33 42 11 00-0419	EA	30" Compression Joint Wyes Or Tees, Extra Strength, Vitrified Clay	3,096.81	
33 42 11 00-0420	EA	36" Compression Joint, Extra Strength, Vitrified Clay Wye Or Tee.....	4,404.22	
33 42 11 00-0421		Vitrified Clay Couplings <small>(33 42 11 00-0319)</small>		
33 42 11 00-0422		Vitrified Clay To Cast Iron Or Plastic Pipe Couplings <small>(33 42 11 00-0421)</small>		
		Note: Stainless steel tightening band at each end (Fernco #1002)		
33 42 11 00-0423	EA	4" x 3" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	44.48	
33 42 11 00-0424	EA	4" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	43.92	
33 42 11 00-0425	EA	5" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	64.44	
33 42 11 00-0426	EA	5" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	59.94	
33 42 11 00-0427	EA	6" x 4" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	80.86	
33 42 11 00-0428	EA	6" x 5" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	84.77	
33 42 11 00-0429	EA	6" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	76.12	
33 42 11 00-0430	EA	8" x 6" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	116.32	
33 42 11 00-0431	EA	8" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	106.44	
33 42 11 00-0432	EA	10" x 8" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	155.99	
33 42 11 00-0433	EA	10" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	140.73	
33 42 11 00-0434	EA	12" x 10" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	196.83	
33 42 11 00-0435	EA	12" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	161.77	
33 42 11 00-0436	EA	15" x 12" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	343.96	
33 42 11 00-0437	EA	15" x 15" Vitrified Clay To Cast Iron Or Plastic Pipe Coupling	260.40	
33 42 11 00-0438		Vitrified Clay To Vitrified Clay Pipe Non-Shear Couplings <small>(33 42 11 00-0421)</small>		
		Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0439	EA	4" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	70.35	
33 42 11 00-0440	EA	6" x 4" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	94.03	
33 42 11 00-0441	EA	6" x 6" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	99.58	
33 42 11 00-0442	EA	8" x 8" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	104.38	
33 42 11 00-0443	EA	10" x 10" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	129.32	
33 42 11 00-0444	EA	12" x 12" Vitrified Clay To Vitrified Clay Pipe Non-Shear Coupling.....	150.32	
33 42 11 00-0445		Vitrified Clay To Plastic Pipe Non-Shear Couplings <small>(33 42 11 00-0421)</small>		
		Note: Stainless steel tightening band at each end. (NDS Non-shear)		
33 42 11 00-0446	EA	4" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	72.21	
33 42 11 00-0447	EA	6" x 4" Vitrified Clay To Plastic Pipe Non-Shear Coupling	95.89	
33 42 11 00-0448	EA	6" x 6" Vitrified Clay To Plastic Pipe Non-Shear Coupling	87.61	
33 42 11 00-0449	EA	8" x 8" Vitrified Clay To Plastic Pipe Non-Shear Coupling	115.50	
33 42 11 00-0450	EA	10" x 10" Vitrified Clay To Plastic Pipe Non-Shear Coupling	168.28	
33 42 11 00-0451	EA	12" x 12" Vitrified Clay To Plastic Pipe Non-Shear Coupling	190.33	
33 42 11 00-0452		Corrugated Metal Piping <small>(33 42 11)</small>		
33 42 11 00-0453		Galvanized Corrugated Steel Piping <small>(33 42 11 00-0452)</small>		
33 42 11 00-0454		2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0453)</small>		
33 42 11 00-0455		16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0454)</small>		
33 42 11 00-0456	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	35.56	9.78
		For Bituminous Coated Pipe, Add	3.69	
		For Bituminous Coated And 25% Paved, Add	7.54	
		For Smooth-Flo, Add	13.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0457 LF 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	40.22	10.25
<i>For Bituminous Coated Pipe, Add</i>	4.64	
<i>For Bituminous Coated And 25% Paved, Add</i>	9.49	
<i>For Smooth-Flo, Add</i>	16.96	
33 42 11 00-0458 LF 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	45.04	11.18
<i>For Bituminous Coated Pipe, Add</i>	5.62	
<i>For Bituminous Coated And 25% Paved, Add</i>	11.50	
<i>For Smooth-Flo, Add</i>	20.54	
33 42 11 00-0459 LF 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	51.33	12.11
<i>For Bituminous Coated Pipe, Add</i>	6.73	
<i>For Bituminous Coated And 25% Paved, Add</i>	13.76	
<i>For Smooth-Flo, Add</i>	24.57	
33 42 11 00-0460 LF 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	56.82	13.04
<i>For Bituminous Coated Pipe, Add</i>	7.57	
<i>For Bituminous Coated And 25% Paved, Add</i>	15.48	
<i>For Smooth-Flo, Add</i>	27.64	
33 42 11 00-0461 LF 30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	74.96	16.76
<i>For Bituminous Coated Pipe, Add</i>	9.82	
<i>For Bituminous Coated And 25% Paved, Add</i>	20.08	
<i>For Smooth-Flo, Add</i>	35.86	
33 42 11 00-0462 LF 36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	97.95	22.05
<i>For Bituminous Coated Pipe, Add</i>	12.39	
<i>For Bituminous Coated And 25% Paved, Add</i>	25.33	
<i>For Smooth-Flo, Add</i>	45.24	
33 42 11 00-0463 LF 42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	111.58	26.05
<i>For Bituminous Coated Pipe, Add</i>	14.66	
<i>For Bituminous Coated And 25% Paved, Add</i>	29.98	
<i>For Smooth-Flo, Add</i>	53.54	
33 42 11 00-0464 LF 48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	125.39	30.07
<i>For Bituminous Coated Pipe, Add</i>	16.41	
<i>For Bituminous Coated And 25% Paved, Add</i>	33.58	
<i>For Smooth-Flo, Add</i>	59.96	
33 42 11 00-0465 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping⁽³³⁾		
<small>42 11 00-0454</small> LF 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	38.86	9.78
<i>For Bituminous Coated Pipe, Add</i>	3.74	
<i>For Bituminous Coated And 25% Paved, Add</i>	8.67	
<i>For Smooth-Flo, Add</i>	17.53	
33 42 11 00-0467 LF 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	44.27	10.25
<i>For Bituminous Coated Pipe, Add</i>	4.69	
<i>For Bituminous Coated And 25% Paved, Add</i>	10.87	
<i>For Smooth-Flo, Add</i>	21.98	
33 42 11 00-0468 LF 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	49.94	11.18
<i>For Bituminous Coated Pipe, Add</i>	5.68	
<i>For Bituminous Coated And 25% Paved, Add</i>	13.16	
<i>For Smooth-Flo, Add</i>	26.61	
33 42 11 00-0469 LF 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	57.00	12.11
<i>For Bituminous Coated Pipe, Add</i>	6.76	
<i>For Bituminous Coated And 25% Paved, Add</i>	15.66	
<i>For Smooth-Flo, Add</i>	31.65	
33 42 11 00-0470 LF 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	63.41	13.04
<i>For Bituminous Coated Pipe, Add</i>	7.65	
<i>For Bituminous Coated And 25% Paved, Add</i>	17.72	
<i>For Smooth-Flo, Add</i>	35.82	
33 42 11 00-0471 LF 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	83.00	16.76
<i>For Bituminous Coated Pipe, Add</i>	9.82	
<i>For Bituminous Coated And 25% Paved, Add</i>	22.75	
<i>For Smooth-Flo, Add</i>	45.99	
33 42 11 00-0472 LF 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	107.71	22.05
<i>For Bituminous Coated Pipe, Add</i>	12.31	
<i>For Bituminous Coated And 25% Paved, Add</i>	28.52	
<i>For Smooth-Flo, Add</i>	57.65	
33 42 11 00-0473 LF 42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	122.75	26.05
<i>For Bituminous Coated Pipe, Add</i>	14.49	
<i>For Bituminous Coated And 25% Paved, Add</i>	33.57	
<i>For Smooth-Flo, Add</i>	67.86	
33 42 11 00-0474 LF 48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	138.17	30.07
<i>For Bituminous Coated Pipe, Add</i>	16.28	
<i>For Bituminous Coated And 25% Paved, Add</i>	37.73	
<i>For Smooth-Flo, Add</i>	76.26	
33 42 11 00-0475 LF 54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	165.17	34.08
<i>For Bituminous Coated Pipe, Add</i>	20.03	
<i>For Bituminous Coated And 25% Paved, Add</i>	46.40	
<i>For Smooth-Flo, Add</i>	93.79	
33 42 11 00-0476 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping⁽³³⁾		
<small>42 11 00-0454</small> LF 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	60.09	11.18
<i>For Bituminous Coated Pipe, Add</i>	6.51	
<i>For Bituminous Coated And 25% Paved, Add</i>	11.75	
<i>For Smooth-Flo, Add</i>	22.59	
33 42 11 00-0478 LF 21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	68.78	12.11
<i>For Bituminous Coated Pipe, Add</i>	7.69	
<i>For Bituminous Coated And 25% Paved, Add</i>	13.89	
<i>For Smooth-Flo, Add</i>	26.69	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0479	LF	24"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	76.84	12.11
			<i>For Bituminous Coated Pipe, Add</i>	8.72	
			<i>For Bituminous Coated And 25% Paved, Add</i>	15.75	
			<i>For Smooth-Flo, Add</i>	30.26	
33 42 11 00-0480	LF	30"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	99.62	16.76
			<i>For Bituminous Coated Pipe, Add</i>	11.09	
			<i>For Bituminous Coated And 25% Paved, Add</i>	20.03	
			<i>For Smooth-Flo, Add</i>	38.49	
33 42 11 00-0481	LF	36"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	127.42	22.05
			<i>For Bituminous Coated Pipe, Add</i>	13.71	
			<i>For Bituminous Coated And 25% Paved, Add</i>	24.76	
			<i>For Smooth-Flo, Add</i>	47.58	
33 42 11 00-0482	LF	42"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	145.53	26.05
			<i>For Bituminous Coated Pipe, Add</i>	16.07	
			<i>For Bituminous Coated And 25% Paved, Add</i>	29.01	
			<i>For Smooth-Flo, Add</i>	55.76	
33 42 11 00-0483	LF	48"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	164.28	30.07
			<i>For Bituminous Coated Pipe, Add</i>	18.14	
			<i>For Bituminous Coated And 25% Paved, Add</i>	32.76	
			<i>For Smooth-Flo, Add</i>	62.96	
33 42 11 00-0484	LF	54"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	193.99	34.08
			<i>For Bituminous Coated Pipe, Add</i>	21.75	
			<i>For Bituminous Coated And 25% Paved, Add</i>	39.28	
			<i>For Smooth-Flo, Add</i>	75.50	
33 42 11 00-0485	LF	60"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	212.10	36.08
			<i>For Bituminous Coated Pipe, Add</i>	23.82	
			<i>For Bituminous Coated And 25% Paved, Add</i>	43.02	
			<i>For Smooth-Flo, Add</i>	82.68	
33 42 11 00-0486	LF	66"	12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	256.94	44.10
			<i>For Bituminous Coated Pipe, Add</i>	29.00	
			<i>For Bituminous Coated And 25% Paved, Add</i>	52.37	
			<i>For Smooth-Flo, Add</i>	100.65	
33 42 11 00-0487			10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Piping ⁽³³⁾		
			<small>^{42 11 00-0454)}</small>		
33 42 11 00-0488	LF	36"	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	145.87	22.05
			<i>For Bituminous Coated Pipe, Add</i>	17.44	
			<i>For Bituminous Coated And 25% Paved, Add</i>	29.14	
			<i>For Smooth-Flo, Add</i>	41.57	
33 42 11 00-0489	LF	42"	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	167.12	26.05
			<i>For Bituminous Coated Pipe, Add</i>	20.43	
			<i>For Bituminous Coated And 25% Paved, Add</i>	34.13	
			<i>For Smooth-Flo, Add</i>	48.70	
33 42 11 00-0490	LF	48"	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	188.78	30.07
			<i>For Bituminous Coated Pipe, Add</i>	23.09	
			<i>For Bituminous Coated And 25% Paved, Add</i>	38.58	
			<i>For Smooth-Flo, Add</i>	55.05	
33 42 11 00-0491	LF	54"	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	221.44	34.08
			<i>For Bituminous Coated Pipe, Add</i>	27.35	
			<i>For Bituminous Coated And 25% Paved, Add</i>	45.69	
			<i>For Smooth-Flo, Add</i>	65.19	
33 42 11 00-0492	LF	60"	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	242.64	36.08
			<i>For Bituminous Coated Pipe, Add</i>	30.04	
			<i>For Bituminous Coated And 25% Paved, Add</i>	50.18	
			<i>For Smooth-Flo, Add</i>	71.60	
33 42 11 00-0493	LF	66"	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	290.51	44.10
			<i>For Bituminous Coated Pipe, Add</i>	35.93	
			<i>For Bituminous Coated And 25% Paved, Add</i>	60.03	
			<i>For Smooth-Flo, Add</i>	85.65	
33 42 11 00-0494	LF	72"	10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe.....	346.77	64.15
			<i>For Bituminous Coated Pipe, Add</i>	38.58	
			<i>For Bituminous Coated And 25% Paved, Add</i>	64.45	
			<i>For Smooth-Flo, Add</i>	91.96	
33 42 11 00-0495			3" x 1" Corrugation, Galvanized Corrugated Steel Piping ^(33 42 11 00-0453)		
33 42 11 00-0496			16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping ^(33 42 11 00-0495)		
33 42 11 00-0497	LF	36"	16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	114.87	22.05
			<i>For Bituminous Coated Pipe, Add</i>	13.62	
			<i>For Bituminous Coated And 25% Paved, Add</i>	30.92	
			<i>For Smooth-Flo, Add</i>	61.56	
33 42 11 00-0498	LF	42"	16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	130.98	26.05
			<i>For Bituminous Coated Pipe, Add</i>	15.99	
			<i>For Bituminous Coated And 25% Paved, Add</i>	36.30	
			<i>For Smooth-Flo, Add</i>	72.28	
33 42 11 00-0499	LF	48"	16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	147.25	30.07
			<i>For Bituminous Coated Pipe, Add</i>	17.94	
			<i>For Bituminous Coated And 25% Paved, Add</i>	40.72	
			<i>For Smooth-Flo, Add</i>	81.08	
33 42 11 00-0500	LF	54"	16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe.....	175.58	34.08
			<i>For Bituminous Coated Pipe, Add</i>	21.91	
			<i>For Bituminous Coated And 25% Paved, Add</i>	49.74	
			<i>For Smooth-Flo, Add</i>	99.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0501 LF 60" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	191.31 23.87 54.18 107.89	36.08
33 42 11 00-0502 LF 66" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	239.64 30.66 69.60 138.58	44.10
33 42 11 00-0503 LF 72" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	290.96 32.68 74.19 147.72	64.15
33 42 11 00-0504 LF 78" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	313.86 34.71 78.79 156.89	70.15
33 42 11 00-0505 LF 84" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	334.03 36.74 83.40 166.06	75.17
33 42 11 00-0506 LF 90" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	354.24 38.78 88.02 175.27	80.18
33 42 11 00-0507 LF 96" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	375.09 40.80 92.61 184.40	85.19
33 42 11 00-0508 LF 102" 16 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	398.82 42.84 97.25 193.64	90.20
33 42 11 00-0509 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0495)</small>		
33 42 11 00-0510 LF 54" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	192.85 25.36 49.71 100.44	34.08
33 42 11 00-0511 LF 60" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	210.41 27.69 54.27 109.65	36.08
33 42 11 00-0512 LF 66" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	260.66 34.86 68.33 138.06	44.10
33 42 11 00-0513 LF 72" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	313.85 37.26 73.03 147.55	64.15
33 42 11 00-0514 LF 78" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	338.59 39.66 77.73 157.04	70.15
33 42 11 00-0515 LF 84" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	360.71 42.08 82.47 166.62	75.17
33 42 11 00-0516 LF 90" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	382.72 44.47 87.17 176.11	80.18
33 42 11 00-0517 LF 96" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	405.45 46.87 91.86 185.60	85.19
33 42 11 00-0518 LF 102" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	431.02 49.28 96.59 195.15	90.20
33 42 11 00-0519 LF 108" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	458.89 51.69 101.31 204.69	100.22
33 42 11 00-0520 LF 114" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	486.14 54.06 105.95 214.06	110.24
33 42 11 00-0521 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0495)</small>		
33 42 11 00-0522 LF 60" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	252.79 36.17 68.90 112.30	36.08

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0523	LF	66"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	307.59 44.25 84.30 137.40	44.10
33 42 11 00-0524	LF	72"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	364.87 47.46 90.42 147.38	64.15
33 42 11 00-0525	LF	78"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	393.75 50.69 96.56 157.39	70.15
33 42 11 00-0526	LF	84"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	419.96 53.93 102.73 167.44	75.17
33 42 11 00-0527	LF	90"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	446.11 57.15 108.87 177.45	80.18
33 42 11 00-0528	LF	96"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	473.01 60.38 115.02 187.48	85.19
33 42 11 00-0529	LF	102"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	502.71 63.62 121.19 197.53	90.20
33 42 11 00-0530	LF	108"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	534.65 66.84 127.33 207.54	100.22
33 42 11 00-0531	LF	114"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	566.07 70.04 133.43 217.48	110.24
33 42 11 00-0532	LF	120"	12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	596.42 73.28 139.60 227.53	120.26
33 42 11 00-0533			10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0495)</small>		
33 42 11 00-0534	LF	72"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	412.45 56.98 108.26 144.73	64.15
33 42 11 00-0535	LF	78"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	445.23 60.98 115.87 154.90	70.15
33 42 11 00-0536	LF	84"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	475.35 65.00 123.51 165.11	75.17
33 42 11 00-0537	LF	90"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	505.40 69.01 131.12 175.28	80.18
33 42 11 00-0538	LF	96"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	536.21 73.02 138.74 185.47	85.19
33 42 11 00-0539	LF	102"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	569.81 77.04 146.37 195.68	90.20
33 42 11 00-0540	LF	108"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	605.65 81.04 153.98 205.85	100.22
33 42 11 00-0541	LF	114"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	640.94 85.02 161.53 215.94	110.24
33 42 11 00-0542	LF	120"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	675.23 89.04 169.18 226.17	120.26
33 42 11 00-0543	LF	126"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	711.31 93.03 176.76 236.30	130.28
33 42 11 00-0544	LF	132"	10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	749.98 97.05 184.40 246.51	140.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0545 LF 138" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	791.72 101.08 192.04 256.73	150.33
33 42 11 00-0546 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0453)		
33 42 11 00-0547 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0546)		
33 42 11 00-0548 LF 48" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	147.74 22.55 51.40 81.61	30.07
33 42 11 00-0549 LF 54" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	176.54 27.63 62.99 100.01	34.08
33 42 11 00-0550 LF 60" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	192.15 30.05 68.51 108.77	36.08
33 42 11 00-0551 LF 66" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	237.65 37.83 86.25 136.94	44.10
33 42 11 00-0552 LF 72" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	288.74 40.30 91.88 145.88	64.15
33 42 11 00-0553 LF 78" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	311.34 42.76 97.49 154.78	70.15
33 42 11 00-0554 LF 84" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	331.16 45.21 103.07 163.65	75.17
33 42 11 00-0555 LF 90" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	350.95 47.65 108.64 172.48	80.18
33 42 11 00-0556 LF 96" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	371.61 50.13 114.29 181.45	85.19
33 42 11 00-0557 LF 102" 16 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	395.26 52.66 120.06 190.63	90.20
33 42 11 00-0558 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0546)		
33 42 11 00-0559 LF 54" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	198.13 26.42 62.09 112.42	34.08
33 42 11 00-0560 LF 60" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	216.15 28.84 67.77 122.71	36.08
33 42 11 00-0561 LF 66" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	263.84 35.50 83.43 151.05	44.10
33 42 11 00-0562 LF 72" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	317.03 37.90 89.06 161.25	64.15
33 42 11 00-0563 LF 78" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	342.19 40.38 94.88 171.80	70.15
33 42 11 00-0564 LF 84" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	364.42 42.82 100.62 182.19	75.17
33 42 11 00-0565 LF 90" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	385.40 45.01 105.77 191.51	80.18
33 42 11 00-0566 LF 96" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	409.54 47.69 112.06 202.90	85.19

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0567 LF 102" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	435.23	90.20
For Bituminous Coated Pipe, Add	50.12	
For Bituminous Coated And 25% Paved, Add	117.79	
For Smooth-Flo, Add	213.27	
33 42 11 00-0568 LF 108" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	463.10	100.22
For Bituminous Coated Pipe, Add	52.53	
For Bituminous Coated And 25% Paved, Add	123.45	
For Smooth-Flo, Add	223.52	
33 42 11 00-0569 LF 114" 14 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	490.89	110.24
For Bituminous Coated Pipe, Add	55.01	
For Bituminous Coated And 25% Paved, Add	129.26	
For Smooth-Flo, Add	234.05	
33 42 11 00-0570 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0546)</small>		
33 42 11 00-0571 LF 60" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	261.09	36.08
For Bituminous Coated Pipe, Add	37.83	
For Bituminous Coated And 25% Paved, Add	71.87	
For Smooth-Flo, Add	129.74	
33 42 11 00-0572 LF 66" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	313.33	44.10
For Bituminous Coated Pipe, Add	45.40	
For Bituminous Coated And 25% Paved, Add	86.26	
For Smooth-Flo, Add	155.72	
33 42 11 00-0573 LF 72" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	371.23	64.15
For Bituminous Coated Pipe, Add	48.74	
For Bituminous Coated And 25% Paved, Add	92.60	
For Smooth-Flo, Add	167.16	
33 42 11 00-0574 LF 78" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	400.56	70.15
For Bituminous Coated Pipe, Add	52.05	
For Bituminous Coated And 25% Paved, Add	98.90	
For Smooth-Flo, Add	178.53	
33 42 11 00-0575 LF 84" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	427.00	75.17
For Bituminous Coated Pipe, Add	55.33	
For Bituminous Coated And 25% Paved, Add	105.13	
For Smooth-Flo, Add	189.80	
33 42 11 00-0576 LF 90" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	453.68	80.18
For Bituminous Coated Pipe, Add	58.66	
For Bituminous Coated And 25% Paved, Add	111.46	
For Smooth-Flo, Add	201.22	
33 42 11 00-0577 LF 96" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	480.97	85.19
For Bituminous Coated Pipe, Add	61.97	
For Bituminous Coated And 25% Paved, Add	117.75	
For Smooth-Flo, Add	212.56	
33 42 11 00-0578 LF 102" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	510.98	90.20
For Bituminous Coated Pipe, Add	65.27	
For Bituminous Coated And 25% Paved, Add	124.02	
For Smooth-Flo, Add	223.88	
33 42 11 00-0579 LF 108" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	543.45	100.22
For Bituminous Coated Pipe, Add	68.60	
For Bituminous Coated And 25% Paved, Add	130.34	
For Smooth-Flo, Add	235.30	
33 42 11 00-0580 LF 114" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	575.41	110.24
For Bituminous Coated Pipe, Add	71.91	
For Bituminous Coated And 25% Paved, Add	136.63	
For Smooth-Flo, Add	246.65	
33 42 11 00-0581 LF 120" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	606.10	120.26
For Bituminous Coated Pipe, Add	75.22	
For Bituminous Coated And 25% Paved, Add	142.91	
For Smooth-Flo, Add	257.99	
33 42 11 00-0582 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Piping <small>(33 42 11 00-0546)</small>		
33 42 11 00-0583 LF 72" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	423.13	64.15
For Bituminous Coated Pipe, Add	59.12	
For Bituminous Coated And 25% Paved, Add	112.32	
For Smooth-Flo, Add	176.46	
33 42 11 00-0584 LF 78" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	457.29	70.15
For Bituminous Coated Pipe, Add	63.40	
For Bituminous Coated And 25% Paved, Add	120.45	
For Smooth-Flo, Add	189.24	
33 42 11 00-0585 LF 84" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	488.25	75.17
For Bituminous Coated Pipe, Add	67.58	
For Bituminous Coated And 25% Paved, Add	128.41	
For Smooth-Flo, Add	201.74	
33 42 11 00-0586 LF 90" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	519.02	80.18
For Bituminous Coated Pipe, Add	71.73	
For Bituminous Coated And 25% Paved, Add	136.29	
For Smooth-Flo, Add	214.12	
33 42 11 00-0587 LF 96" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe.....	550.75	85.19
For Bituminous Coated Pipe, Add	75.93	
For Bituminous Coated And 25% Paved, Add	144.26	
For Smooth-Flo, Add	226.65	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0588 LF 102" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	585.05	90.20
<i>For Bituminous Coated Pipe, Add</i>	80.09	
<i>For Bituminous Coated And 25% Paved, Add</i>	152.16	
<i>For Smooth-Flo, Add</i>	239.06	
33 42 11 00-0589 LF 108" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	621.80	100.22
<i>For Bituminous Coated Pipe, Add</i>	84.27	
<i>For Bituminous Coated And 25% Paved, Add</i>	160.12	
<i>For Smooth-Flo, Add</i>	251.55	
33 42 11 00-0590 LF 114" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	658.12	110.24
<i>For Bituminous Coated Pipe, Add</i>	88.45	
<i>For Bituminous Coated And 25% Paved, Add</i>	168.06	
<i>For Smooth-Flo, Add</i>	264.03	
33 42 11 00-0591 LF 120" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	693.07	120.26
<i>For Bituminous Coated Pipe, Add</i>	92.61	
<i>For Bituminous Coated And 25% Paved, Add</i>	175.96	
<i>For Smooth-Flo, Add</i>	276.44	
33 42 11 00-0592 LF 126" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	736.65	130.28
<i>For Bituminous Coated Pipe, Add</i>	98.10	
<i>For Bituminous Coated And 25% Paved, Add</i>	186.39	
<i>For Smooth-Flo, Add</i>	292.82	
33 42 11 00-0593 LF 132" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	777.85	140.31
<i>For Bituminous Coated Pipe, Add</i>	102.62	
<i>For Bituminous Coated And 25% Paved, Add</i>	194.99	
<i>For Smooth-Flo, Add</i>	306.33	
33 42 11 00-0594 LF 138" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe	822.96	150.33
<i>For Bituminous Coated Pipe, Add</i>	107.32	
<i>For Bituminous Coated And 25% Paved, Add</i>	203.92	
<i>For Smooth-Flo, Add</i>	320.36	
33 42 11 00-0595 Helical Ribbed, Galvanized Corrugated Steel Piping (33 42 11 00-0453)		
33 42 11 00-0596 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 42 11 00-0595)		
33 42 11 00-0597 LF 18" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	51.63	11.18
<i>For Bituminous Coated Pipe, Add</i>	6.95	
33 42 11 00-0598 LF 21" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	59.06	12.11
<i>For Bituminous Coated Pipe, Add</i>	8.28	
33 42 11 00-0599 LF 24" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	65.89	13.04
<i>For Bituminous Coated Pipe, Add</i>	9.40	
33 42 11 00-0600 LF 30" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	86.37	16.76
<i>For Bituminous Coated Pipe, Add</i>	12.11	
33 42 11 00-0601 LF 36" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	111.92	22.05
<i>For Bituminous Coated Pipe, Add</i>	15.18	
33 42 11 00-0602 LF 42" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	127.84	26.05
<i>For Bituminous Coated Pipe, Add</i>	17.90	
33 42 11 00-0603 LF 48" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	144.03	30.07
<i>For Bituminous Coated Pipe, Add</i>	20.15	
33 42 11 00-0604 LF 54" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	171.95	34.08
<i>For Bituminous Coated Pipe, Add</i>	24.68	
33 42 11 00-0605 LF 60" 16 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	187.60	36.08
<i>For Bituminous Coated Pipe, Add</i>	26.94	
33 42 11 00-0606 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 42 11 00-0595)		
33 42 11 00-0607 LF 18" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	56.60	11.18
<i>For Bituminous Coated Pipe, Add</i>	8.04	
33 42 11 00-0608 LF 21" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	64.88	12.11
<i>For Bituminous Coated Pipe, Add</i>	9.55	
33 42 11 00-0609 LF 24" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	72.52	13.04
<i>For Bituminous Coated Pipe, Add</i>	10.85	
33 42 11 00-0610 LF 30" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	94.60	16.76
<i>For Bituminous Coated Pipe, Add</i>	13.91	
33 42 11 00-0611 LF 36" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	121.83	22.05
<i>For Bituminous Coated Pipe, Add</i>	17.34	
33 42 11 00-0612 LF 42" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	139.44	26.05
<i>For Bituminous Coated Pipe, Add</i>	20.43	
33 42 11 00-0613 LF 48" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	157.27	30.07
<i>For Bituminous Coated Pipe, Add</i>	23.03	
33 42 11 00-0614 LF 54" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	186.84	34.08
<i>For Bituminous Coated Pipe, Add</i>	27.91	
33 42 11 00-0615 LF 60" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	204.17	36.08
<i>For Bituminous Coated Pipe, Add</i>	30.54	
33 42 11 00-0616 LF 66" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	250.59	44.10
<i>For Bituminous Coated Pipe, Add</i>	37.94	
33 42 11 00-0617 LF 72" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	303.05	64.15
<i>For Bituminous Coated Pipe, Add</i>	40.54	
33 42 11 00-0618 LF 78" 14 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	327.26	70.15
<i>For Bituminous Coated Pipe, Add</i>	43.19	
33 42 11 00-0619 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Piping (33 42 11 00-0595)		
33 42 11 00-0620 LF 30" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	111.29	16.76
<i>For Bituminous Coated Pipe, Add</i>	14.53	
33 42 11 00-0621 LF 36" 12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe.....	141.78	22.05
<i>For Bituminous Coated Pipe, Add</i>	17.96	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0622	LF	42"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	162.79 21.12	26.05
33 42 11 00-0623	LF	48"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	183.92 23.88	30.07
33 42 11 00-0624	LF	54"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	216.85 28.50	34.08
33 42 11 00-0625	LF	60"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	237.55 31.30	36.08
33 42 11 00-0626	LF	66"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	287.22 37.97	44.10
33 42 11 00-0627	LF	72"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	342.98 40.72	64.15
33 42 11 00-0628	LF	78"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	370.48 43.50	70.15
33 42 11 00-0629	LF	84"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	395.16 46.27	75.17
33 42 11 00-0630	LF	90"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	419.81 49.04	80.18
33 42 11 00-0631	LF	96"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	445.18 51.80	85.19
33 42 11 00-0632	LF	102"	12 Gauge, Helical Ribbed, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	471.70 54.26	90.20
33 42 11 00-0633			1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0453)		
33 42 11 00-0634			1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0633)		
33 42 11 00-0635	LF	6"	18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	18.43 1.78	5.58
33 42 11 00-0636	LF	6"	16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	19.91 2.14	5.58
33 42 11 00-0637	LF	8"	18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	23.14 2.35	6.99
33 42 11 00-0638	LF	8"	16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	25.02 2.81	6.99
33 42 11 00-0639	LF	10"	18 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	29.25 2.95	8.39
33 42 11 00-0640	LF	10"	16 Gauge, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	31.63 3.54	8.39
33 42 11 00-0641			Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Piping (33 42 11 00-0633)		
33 42 11 00-0642	LF	6"	18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	18.63 1.75	5.58
33 42 11 00-0643	LF	6"	16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	20.07 2.09	5.58
33 42 11 00-0644	LF	8"	18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	23.35 2.30	6.99
33 42 11 00-0645	LF	8"	16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	25.34 2.77	6.99
33 42 11 00-0646	LF	10"	18 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	29.60 2.91	8.39
33 42 11 00-0647	LF	10"	16 Gauge, Perforated, 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	32.05 3.49	8.39
33 42 11 00-0648			1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe Fittings (33 42 11 00-0633)		
33 42 11 00-0649	EA	6"	18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	10.97 2.47	
33 42 11 00-0650	EA	8"	18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	14.52 3.27	
33 42 11 00-0651	EA	10"	18 Gauge, Connection Band For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	17.80 4.01	
33 42 11 00-0652	EA	6"	18 Gauge, Band Elbows For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	39.55 5.46	
33 42 11 00-0653	EA	6"	End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	8.75 1.24	
33 42 11 00-0654	EA	8"	End Caps For 1-1/2" x 1/4" Corrugation, Galvanized Corrugated Steel Pipe..... <i>For Bituminous Coated Pipe, Add</i>	11.09 1.87	
33 42 11 00-0655			2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0453)		
33 42 11 00-0656			16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0655)		
33 42 11 00-0657	LF	12"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	57.33	9.78
33 42 11 00-0658	LF	15"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	67.65	10.25
33 42 11 00-0659	LF	18"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	78.31	11.18
33 42 11 00-0660	LF	21"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	91.08	12.11
33 42 11 00-0661	LF	24"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	101.62	13.04
33 42 11 00-0662	LF	30"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	132.99	16.76
33 42 11 00-0663	LF	36"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	171.22	22.05
33 42 11 00-0664	LF	42"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	198.24	26.05
33 42 11 00-0665	LF	48"	16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	222.49	30.07

	MINOR	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0666			14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0665)</small>		
	LF		12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	65.34	9.78
	LF		15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	77.57	10.25
	LF		18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	90.19	11.18
	LF		21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	104.84	12.11
	LF		24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	117.60	13.04
	LF		30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	152.61	16.76
	LF		36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	194.91	22.05
	LF		42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	225.42	26.05
	LF		48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	253.51	30.07
	LF		54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	307.04	34.08
33 42 11 00-0677			12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0655)</small>		
	LF		18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	114.96	11.18
	LF		21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	133.76	12.11
	LF		24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	150.48	13.04
	LF		30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	193.69	16.76
	LF		36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	234.13	22.05
	LF		42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	282.89	26.05
	LF		48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	319.09	30.07
	LF		54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	381.87	34.08
	LF		60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	417.29	36.08
	LF		66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	511.09	44.10
33 42 11 00-0688			10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0655)</small>		
	LF		36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	289.23	22.05
	LF		42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	335.23	26.05
	LF		48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	378.55	30.07
	LF		54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	448.48	34.08
	LF		60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	491.44	36.08
	LF		66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	592.53	44.10
	LF		72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe.....	670.26	64.15
33 42 11 00-0696			3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0453)</small>		
33 42 11 00-0697			16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0696)</small>		
	LF		36" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	216.70	22.05
	LF		42" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	250.68	26.05
	LF		48" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	281.28	30.07
	LF		54" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	340.48	34.08
	LF		60" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	370.73	36.08
	LF		66" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	472.11	44.10
	LF		72" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	538.44	64.15
	LF		78" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	576.29	70.15
	LF		84" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	611.50	75.17
	LF		90" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	646.75	80.18
	LF		96" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	682.59	85.19
	LF		102" 16 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	721.42	90.20
33 42 11 00-0710			14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0696)</small>		
	LF		54" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	383.30	34.08
	LF		60" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	418.06	36.08
	LF		66" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	524.25	44.10
	LF		72" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	595.14	64.15
	LF		78" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	637.63	70.15
	LF		84" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	677.64	75.17
	LF		90" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	717.39	80.18
	LF		96" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	757.83	85.19
	LF		102" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	801.33	90.20
	LF		108" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	847.02	100.22
	LF		114" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	891.76	110.24
33 42 11 00-0722			12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping <small>(33 42 11 00-0696)</small>		
	LF		60" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	525.76	36.08
	LF		66" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	644.05	44.10
	LF		72" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	725.33	64.15
	LF		78" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	778.26	70.15
	LF		84" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	828.65	75.17
	LF		90" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	878.85	80.18
	LF		96" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	929.82	85.19
	LF		102" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	983.69	90.20
	LF		108" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,039.68	100.22
	LF		114" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,095.01	110.24

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0733 LF 120" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,149.55	120.26
33 42 11 00-0734 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0696)		
33 42 11 00-0735 LF 72" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	843.96	64.15
33 42 11 00-0736 LF 78" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	906.55	70.15
33 42 11 00-0737 LF 84" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	966.70	75.17
33 42 11 00-0738 LF 90" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,026.59	80.18
33 42 11 00-0739 LF 96" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,087.33	85.19
33 42 11 00-0740 LF 102" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,150.93	90.20
33 42 11 00-0741 LF 108" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,216.67	100.22
33 42 11 00-0742 LF 114" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,281.68	110.24
33 42 11 00-0743 LF 120" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,345.95	120.26
33 42 11 00-0744 LF 126" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,411.83	130.28
33 42 11 00-0745 LF 132" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,480.49	140.31
33 42 11 00-0746 LF 138" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe.....	1,552.25	150.33
33 42 11 00-0747 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0453)		
33 42 11 00-0748 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0747)		
33 42 11 00-0749 LF 48" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	272.05	30.07
33 42 11 00-0750 LF 54" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	330.31	34.08
33 42 11 00-0751 LF 60" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	359.09	36.08
33 42 11 00-0752 LF 66" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	450.48	44.10
33 42 11 00-0753 LF 72" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	515.03	64.15
33 42 11 00-0754 LF 78" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	551.04	70.15
33 42 11 00-0755 LF 84" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	584.16	75.17
33 42 11 00-0756 LF 90" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	617.20	80.18
33 42 11 00-0757 LF 96" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	651.31	85.19
33 42 11 00-0758 LF 102" 16 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	688.85	90.20
33 42 11 00-0759 14 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0747)		
33 42 11 00-0760 LF 54" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	381.18	34.08
33 42 11 00-0761 LF 60" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	415.74	36.08
33 42 11 00-0762 LF 66" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	512.26	44.10
33 42 11 00-0763 LF 72" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	581.79	64.15
33 42 11 00-0764 LF 78" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	623.84	70.15
33 42 11 00-0765 LF 84" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	662.62	75.17
33 42 11 00-0766 LF 90" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	698.51	80.18
33 42 11 00-0767 LF 96" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	740.86	85.19
33 42 11 00-0768 LF 102" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	783.14	90.20
33 42 11 00-0769 LF 108" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	827.38	100.22
33 42 11 00-0770 LF 114" 14 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	871.98	110.24
33 42 11 00-0771 12 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0747)		
33 42 11 00-0772 LF 60" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	529.29	36.08
33 42 11 00-0773 LF 66" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	637.89	44.10
33 42 11 00-0774 LF 72" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	719.28	64.15
33 42 11 00-0775 LF 78" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	771.76	70.15
33 42 11 00-0776 LF 84" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	821.20	75.17
33 42 11 00-0777 LF 90" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	871.26	80.18
33 42 11 00-0778 LF 96" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	921.73	85.19
33 42 11 00-0779 LF 102" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	974.80	90.20
33 42 11 00-0780 LF 108" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,030.64	100.22
33 42 11 00-0781 LF 114" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,085.78	110.24
33 42 11 00-0782 LF 120" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,139.63	120.26
33 42 11 00-0783 10 Gauge, 125mm x 25mm Corrugation, Polymeric Corrugated Steel Piping (33 42 11 00-0747)		
33 42 11 00-0784 LF 72" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	843.91	64.15
33 42 11 00-0785 LF 78" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	907.98	70.15
33 42 11 00-0786 LF 84" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	968.33	75.17
33 42 11 00-0787 LF 90" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,028.20	80.18
33 42 11 00-0788 LF 96" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,089.23	85.19
33 42 11 00-0789 LF 102" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,152.72	90.20
33 42 11 00-0790 LF 108" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,218.75	100.22
33 42 11 00-0791 LF 114" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,284.35	110.24
33 42 11 00-0792 LF 120" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,348.48	120.26
33 42 11 00-0793 LF 126" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,430.49	130.28
33 42 11 00-0794 LF 132" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,503.42	140.31
33 42 11 00-0795 LF 138" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe.....	1,581.44	150.33
33 42 11 00-0796 Galvanized Corrugated Steel Pipe-Arch (33 42 11 00-0452)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0797 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0796)</small>		
33 42 11 00-0798 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0797)</small>		
33 42 11 00-0799 LF 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	41.33	10.25
For Bituminous Coated Pipe, Add	5.05	
For Bituminous Coated And 25% Paved, Add	12.21	
For Smooth-Flo, Add	20.15	
33 42 11 00-0800 LF 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	46.04	11.18
For Bituminous Coated Pipe, Add	6.03	
For Bituminous Coated And 25% Paved, Add	14.59	
For Smooth-Flo, Add	24.06	
33 42 11 00-0801 LF 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	52.71	12.11
For Bituminous Coated Pipe, Add	7.26	
For Bituminous Coated And 25% Paved, Add	17.56	
For Smooth-Flo, Add	28.97	
33 42 11 00-0802 LF 28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	59.16	13.04
For Bituminous Coated Pipe, Add	8.37	
For Bituminous Coated And 25% Paved, Add	20.23	
For Smooth-Flo, Add	33.37	
33 42 11 00-0803 LF 35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	77.07	16.76
For Bituminous Coated Pipe, Add	10.63	
For Bituminous Coated And 25% Paved, Add	25.69	
For Smooth-Flo, Add	42.38	
33 42 11 00-0804 LF 42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	101.81	22.05
For Bituminous Coated Pipe, Add	13.70	
For Bituminous Coated And 25% Paved, Add	33.13	
For Smooth-Flo, Add	54.65	
33 42 11 00-0805 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0797)</small>		
33 42 11 00-0806 LF 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	45.42	10.25
For Bituminous Coated Pipe, Add	5.24	
For Bituminous Coated And 25% Paved, Add	12.26	
For Smooth-Flo, Add	20.11	
33 42 11 00-0807 LF 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	51.05	11.18
For Bituminous Coated Pipe, Add	6.29	
For Bituminous Coated And 25% Paved, Add	14.71	
For Smooth-Flo, Add	24.12	
33 42 11 00-0808 LF 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	58.30	12.11
For Bituminous Coated Pipe, Add	7.47	
For Bituminous Coated And 25% Paved, Add	17.48	
For Smooth-Flo, Add	28.68	
33 42 11 00-0809 LF 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	65.63	13.04
For Bituminous Coated Pipe, Add	8.62	
For Bituminous Coated And 25% Paved, Add	20.16	
For Smooth-Flo, Add	33.07	
33 42 11 00-0810 LF 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	85.15	16.76
For Bituminous Coated Pipe, Add	10.91	
For Bituminous Coated And 25% Paved, Add	25.53	
For Smooth-Flo, Add	41.88	
33 42 11 00-0811 LF 42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	111.42	22.05
For Bituminous Coated Pipe, Add	13.90	
For Bituminous Coated And 25% Paved, Add	32.52	
For Smooth-Flo, Add	53.34	
33 42 11 00-0812 LF 49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	128.04	26.05
For Bituminous Coated Pipe, Add	16.56	
For Bituminous Coated And 25% Paved, Add	38.74	
For Smooth-Flo, Add	63.54	
33 42 11 00-0813 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0797)</small>		
33 42 11 00-0814 LF 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	66.69	12.03
For Bituminous Coated Pipe, Add	6.80	
For Bituminous Coated And 25% Paved, Add	15.13	
For Smooth-Flo, Add	23.27	
33 42 11 00-0815 LF 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	76.15	13.03
For Bituminous Coated Pipe, Add	8.07	
For Bituminous Coated And 25% Paved, Add	17.95	
For Smooth-Flo, Add	27.60	
33 42 11 00-0816 LF 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	85.54	14.03
For Bituminous Coated Pipe, Add	9.25	
For Bituminous Coated And 25% Paved, Add	20.59	
For Smooth-Flo, Add	31.65	
33 42 11 00-0817 LF 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	110.50	18.04
For Bituminous Coated Pipe, Add	11.65	
For Bituminous Coated And 25% Paved, Add	25.92	
For Smooth-Flo, Add	39.86	
33 42 11 00-0818 LF 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch.....	131.02	22.05
For Bituminous Coated Pipe, Add	14.58	
For Bituminous Coated And 25% Paved, Add	32.44	
For Smooth-Flo, Add	49.88	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0819	LF		49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	150.66 17.24 38.36 58.99	26.05
33 42 11 00-0820	LF		57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	175.72 20.44 45.49 69.95	30.07
33 42 11 00-0821	LF		64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	196.52 22.57 50.24 77.25	34.08
33 42 11 00-0822			10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0797)</small>		
33 42 11 00-0823	LF		42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	149.47 17.56 36.97 46.63	22.05
33 42 11 00-0824	LF		49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	172.17 20.72 43.61 55.00	26.05
33 42 11 00-0825	LF		57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	200.11 24.38 51.32 64.72	30.07
33 42 11 00-0826	LF		64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	224.08 27.03 56.90 71.75	34.08
33 42 11 00-0827	LF		71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	245.47 29.67 62.46 78.77	36.08
33 42 11 00-0828			3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0796)</small>		
33 42 11 00-0829			14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0828)</small>		
33 42 11 00-0830	LF		60" x 46" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	196.25 26.04 79.17 88.55	34.08
33 42 11 00-0831	LF		66" x 51" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	214.47 28.50 86.65 96.91	36.08
33 42 11 00-0832	LF		73" x 55" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	265.33 35.80 108.83 121.71	44.10
33 42 11 00-0833	LF		81" x 59" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	319.44 38.38 116.67 130.49	64.15
33 42 11 00-0834	LF		87" x 63" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	345.75 41.09 124.91 139.70	70.15
33 42 11 00-0835	LF		95" x 67" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	369.39 43.81 133.19 148.96	75.17
33 42 11 00-0836	LF		103" x 71" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	392.98 46.52 141.43 158.18	80.18
33 42 11 00-0837	LF		112" x 75" 14 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	417.24 49.23 149.65 167.37	85.19
33 42 11 00-0838			12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0828)</small>		
33 42 11 00-0839	LF		66" x 51" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	256.88 36.98 96.90 114.65	36.08
33 42 11 00-0840	LF		73" x 55" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	312.37 45.21 118.44 140.14	44.10

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0841 LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	370.65 48.62 127.38 150.72	64.15
33 42 11 00-0842 LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	401.10 52.16 136.65 161.69	70.15
33 42 11 00-0843 LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	428.88 55.71 145.96 172.70	75.17
33 42 11 00-0844 LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	456.63 59.25 155.25 183.69	80.18
33 42 11 00-0845 LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	485.03 62.78 164.49 194.63	85.19
33 42 11 00-0846 LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	516.38 66.35 173.84 205.69	90.20
33 42 11 00-0847 LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	549.92 69.90 183.13 216.68	100.22
33 42 11 00-0848 LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	584.82 73.79 193.34 228.76	110.24
33 42 11 00-0849 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0828)</small>		
33 42 11 00-0850 LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	418.23 58.14 138.36 150.28	64.15
33 42 11 00-0851 LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	452.62 62.46 148.66 161.46	70.15
33 42 11 00-0852 LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	484.31 66.80 158.97 172.67	75.17
33 42 11 00-0853 LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	515.89 71.11 169.23 183.81	80.18
33 42 11 00-0854 LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	548.22 75.42 179.50 194.97	85.19
33 42 11 00-0855 LF 117" x 79" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	583.44 79.76 189.84 206.19	90.20
33 42 11 00-0856 LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	620.89 84.09 200.13 217.37	100.22
33 42 11 00-0857 LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	659.39 88.71 211.12 229.31	110.24
33 42 11 00-0858 LF 142" x 91" 10 Gauge, 3" x 1" Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	701.26 94.25 224.31 243.63	120.26
33 42 11 00-0859 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0796)</small>		
33 42 11 00-0860 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0859)</small>		
33 42 11 00-0861 LF 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	375.32 49.55 120.91 153.87	64.15
33 42 11 00-0862 LF 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	405.31 53.00 129.32 164.57	70.15

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0863	LF		95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	432.36 56.41 137.63 175.14	75.17
33 42 11 00-0864	LF		103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	459.43 59.81 145.95 185.72	80.18
33 42 11 00-0865	LF		112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	487.32 63.24 154.31 196.37	85.19
33 42 11 00-0866	LF		117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	518.29 66.73 162.83 207.21	90.20
33 42 11 00-0867	LF		128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	551.45 70.20 171.29 217.98	100.22
33 42 11 00-0868	LF		137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	588.61 74.55 181.90 231.48	110.24
33 42 11 00-0869			10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch <small>(33 42 11 00-0869)</small>		
33 42 11 00-0870	LF		81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	427.99 60.09 135.80 147.52	64.15
33 42 11 00-0871	LF		87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	462.19 64.38 145.49 158.04	70.15
33 42 11 00-0872	LF		95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	493.53 68.64 155.13 168.51	75.17
33 42 11 00-0873	LF		103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	525.00 72.93 164.82 179.04	80.18
33 42 11 00-0874	LF		112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	556.45 77.07 174.17 189.20	85.19
33 42 11 00-0875	LF		117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	592.28 81.53 184.26 200.16	90.20
33 42 11 00-0876	LF		128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	629.80 85.87 194.07 210.82	100.22
33 42 11 00-0877	LF		137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	671.29 91.09 205.85 223.62	110.24
33 42 11 00-0878	LF		142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Galvanized Corrugated Steel Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i> <i>For Bituminous Coated And 25% Paved, Add</i> <i>For Smooth-Flo, Add</i>	710.06 96.01 216.98 235.70	120.26
33 42 11 00-0879			2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0796)</small>		
33 42 11 00-0880			16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0879)</small>		
33 42 11 00-0881	LF		17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	67.72	10.25
33 42 11 00-0882	LF		21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	77.58	11.18
33 42 11 00-0883	LF		24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	90.77	12.11
33 42 11 00-0884	LF		28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	103.08	13.04
33 42 11 00-0885	LF		35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	133.02	16.76
33 42 11 00-0886	LF		42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	174.49	22.05
33 42 11 00-0887			14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0879)</small>		
33 42 11 00-0888	LF		17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	77.14	10.25
33 42 11 00-0889	LF		21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	89.09	11.18
33 42 11 00-0890	LF		24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	103.62	12.11
33 42 11 00-0891	LF		28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	118.01	13.04
33 42 11 00-0892	LF		35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	151.59	16.76
33 42 11 00-0893	LF		42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch.....	196.58	22.05

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0894 LF 49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	229.70	26.05
33 42 11 00-0895 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0879)</small>		
33 42 11 00-0896 LF 21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	117.31	11.18
33 42 11 00-0897 LF 24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	137.04	12.11
33 42 11 00-0898 LF 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	155.86	13.04
33 42 11 00-0899 LF 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	198.82	16.76
33 42 11 00-0900 LF 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	253.63	22.05
33 42 11 00-0901 LF 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	296.13	26.05
33 42 11 00-0902 LF 57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	349.42	30.07
33 42 11 00-0903 LF 64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	387.81	34.08
33 42 11 00-0904 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0879)</small>		
33 42 11 00-0905 LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	298.38	22.05
33 42 11 00-0906 LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	348.34	26.05
33 42 11 00-0907 LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	408.61	30.07
33 42 11 00-0908 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	454.73	34.08
33 42 11 00-0909 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Polymeric Corrugated Steel Pipe-Arch	498.18	36.08
33 42 11 00-0910 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0796)</small>		
33 42 11 00-0911 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0910)</small>		
33 42 11 00-0912 LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	391.71	34.08
33 42 11 00-0913 LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	427.95	36.08
33 42 11 00-0914 LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	535.73	44.10
33 42 11 00-0915 LF 81" x 59" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	608.92	64.15
33 42 11 00-0916 LF 87" x 63" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	655.32	70.15
33 42 11 00-0917 LF 95" x 67" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	699.12	75.17
33 42 11 00-0918 LF 103" x 71" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	742.74	80.18
33 42 11 00-0919 LF 112" x 75" 14 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	787.17	85.19
33 42 11 00-0920 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0910)</small>		
33 42 11 00-0921 LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	535.85	36.08
33 42 11 00-0922 LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	655.84	44.10
33 42 11 00-0923 LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	739.64	64.15
33 42 11 00-0924 LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	796.46	70.15
33 42 11 00-0925 LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	850.74	75.17
33 42 11 00-0926 LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	904.95	80.18
33 42 11 00-0927 LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	959.74	85.19
33 42 11 00-0928 LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,017.66	90.20
33 42 11 00-0929 LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,077.66	100.22
33 42 11 00-0930 LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,141.67	110.24
33 42 11 00-0931 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0910)</small>		
33 42 11 00-0932 LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	858.24	64.15
33 42 11 00-0933 LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	924.86	70.15
33 42 11 00-0934 LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	988.93	75.17
33 42 11 00-0935 LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,052.67	80.18
33 42 11 00-0936 LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,117.23	85.19
33 42 11 00-0937 LF 117" x 79" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,184.85	90.20
33 42 11 00-0938 LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,254.62	100.22
33 42 11 00-0939 LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,327.53	110.24
33 42 11 00-0940 LF 142" x 91" 10 Gauge, 3" x 1" Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,410.75	120.26
33 42 11 00-0941 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0796)</small>		
33 42 11 00-0942 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0941)</small>		
33 42 11 00-0943 LF 81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	728.98	64.15
33 42 11 00-0944 LF 87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	783.13	70.15
33 42 11 00-0945 LF 95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	834.08	75.17
33 42 11 00-0946 LF 103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	884.97	80.18
33 42 11 00-0947 LF 112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	936.89	85.19
33 42 11 00-0948 LF 117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	992.32	90.20
33 42 11 00-0949 LF 128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,049.76	100.22
33 42 11 00-0950 LF 137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,117.37	110.24
33 42 11 00-0951 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch <small>(33 42 11 00-0941)</small>		
33 42 11 00-0952 LF 81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	855.47	64.15
33 42 11 00-0953 LF 87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	919.66	70.15

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 42 11 00-0954	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	980.87	75.17
33 42 11 00-0955	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,042.37	80.18
33 42 11 00-0956	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,102.92	85.19
33 42 11 00-0957	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,169.95	90.20
33 42 11 00-0958	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,237.91	100.22
33 42 11 00-0959	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,316.04	110.24
33 42 11 00-0960	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Polymeric Corrugated Steel Pipe-Arch	1,389.11	120.26
33 42 11 00-0961		Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0452)		
33 42 11 00-0962		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0961)		
33 42 11 00-0963		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0962)		
33 42 11 00-0964	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	38.93	9.78
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	7.51	
33 42 11 00-0965	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	44.47	10.25
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	9.47	
33 42 11 00-0966	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	50.21	11.18
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	11.47	
33 42 11 00-0967	LF	21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	57.49	12.11
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	13.72	
33 42 11 00-0968	LF	24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	63.79	13.04
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	15.45	
33 42 11 00-0969	LF	30" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	84.00	16.76
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	20.04	
33 42 11 00-0970	LF	36" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	109.35	22.05
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	25.28	
33 42 11 00-0971	LF	42" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	125.05	26.05
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	29.91	
33 42 11 00-0972	LF	48" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	140.51	30.07
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	33.51	
33 42 11 00-0973		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0962)		
33 42 11 00-0974	LF	12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	42.99	9.78
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	7.14	
33 42 11 00-0975	LF	15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	49.48	10.25
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	8.96	
33 42 11 00-0976	LF	18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	56.18	11.18
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	10.83	
33 42 11 00-0977	LF	21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	64.42	12.11
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	12.88	
33 42 11 00-0978	LF	24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	71.83	13.04
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	14.58	
33 42 11 00-0979	LF	30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	93.84	16.76
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	18.73	
33 42 11 00-0980	LF	36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	121.26	22.05
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	23.46	
33 42 11 00-0981	LF	42" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	138.75	26.05
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	27.63	
33 42 11 00-0982	LF	48" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	156.13	30.07
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	31.05	
33 42 11 00-0983	LF	54" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	187.22	34.08
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	38.17	
33 42 11 00-0984		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping (33 42 11 00-0962)		
33 42 11 00-0985	LF	18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	68.74	11.18
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	10.09	
33 42 11 00-0986	LF	21" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	79.08	12.11
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	11.94	
33 42 11 00-0987	LF	24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	88.48	13.04
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	13.53	
33 42 11 00-0988	LF	30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	114.62	16.76
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	17.25	
33 42 11 00-0989	LF	36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	146.33	22.05
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	21.41	
33 42 11 00-0990	LF	42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	167.81	26.05
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	25.11	
33 42 11 00-0991	LF	48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	189.27	30.07
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	28.32	
33 42 11 00-0992	LF	54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	225.08	34.08
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	34.20	
33 42 11 00-0993	LF	60" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	245.86	36.08
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	37.39	
33 42 11 00-0994	LF	66" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe	300.20	44.10
		<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	45.98	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-0995 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0962)</small>		
33 42 11 00-0996 LF 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	168.88 23.45	22.05
33 42 11 00-0997 LF 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	194.18 27.49	26.05
33 42 11 00-0998 LF 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	219.21 31.04	30.07
33 42 11 00-0999 LF 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	258.64 36.98	34.08
33 42 11 00-1000 LF 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	283.22 40.56	36.08
33 42 11 00-1001 LF 66" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	341.23 48.94	44.10
33 42 11 00-1002 LF 72" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	400.82 52.47	64.15
33 42 11 00-1003 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0961)</small>		
33 42 11 00-1004 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1003)</small>		
33 42 11 00-1005 LF 36" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	127.08 28.11	22.05
33 42 11 00-1006 LF 42" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	145.34 33.01	26.05
33 42 11 00-1007 LF 48" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	163.32 37.02	30.07
33 42 11 00-1008 LF 54" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	195.22 45.22	34.08
33 42 11 00-1009 LF 60" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	212.71 49.26	36.08
33 42 11 00-1010 LF 66" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	267.13 63.28	44.10
33 42 11 00-1011 LF 72" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	320.24 67.44	64.15
33 42 11 00-1012 LF 78" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	344.94 71.62	70.15
33 42 11 00-1013 LF 84" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	366.95 75.82	75.17
33 42 11 00-1014 LF 90" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	388.96 80.01	80.18
33 42 11 00-1015 LF 96" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	411.65 84.19	85.19
33 42 11 00-1016 LF 102" 16 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	437.22 88.41	90.20
33 42 11 00-1017 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1003)</small>		
33 42 11 00-1018 LF 54" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	215.58 39.18	34.08
33 42 11 00-1019 LF 60" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	235.22 42.77	36.08
33 42 11 00-1020 LF 66" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	291.89 53.85	44.10
33 42 11 00-1021 LF 72" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	347.23 57.56	64.15
33 42 11 00-1022 LF 78" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	374.11 61.26	70.15
33 42 11 00-1023 LF 84" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	398.41 65.00	75.17
33 42 11 00-1024 LF 90" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	422.56 68.70	80.18
33 42 11 00-1025 LF 96" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	447.44 72.40	85.19
33 42 11 00-1026 LF 102" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	475.19 76.13	90.20
33 42 11 00-1027 LF 108" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	505.21 79.85	100.22
33 42 11 00-1028 LF 114" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	534.60 83.51	110.24
33 42 11 00-1029 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1003)</small>		
33 42 11 00-1030 LF 60" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	285.24 57.37	36.08
33 42 11 00-1031 LF 66" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	347.28 70.19	44.10
33 42 11 00-1032 LF 72" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	407.44 75.29	64.15
33 42 11 00-1033 LF 78" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	439.22 80.41	70.15
33 42 11 00-1034 LF 84" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	468.34 85.54	75.17

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1035 LF 90" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	497.40 90.66	80.18
33 42 11 00-1036 LF 96" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	527.13 95.77	85.19
33 42 11 00-1037 LF 102" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	559.74 100.91	90.20
33 42 11 00-1038 LF 108" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	594.59 106.03	100.22
33 42 11 00-1039 LF 114" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	628.88 111.10	110.24
33 42 11 00-1040 LF 120" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	662.14 116.24	120.26
33 42 11 00-1041 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1003)</small>		
33 42 11 00-1042 LF 72" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	463.59 92.41	64.15
33 42 11 00-1043 LF 78" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	499.89 98.88	70.15
33 42 11 00-1044 LF 84" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	533.65 105.41	75.17
33 42 11 00-1045 LF 90" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	567.26 111.90	80.18
33 42 11 00-1046 LF 96" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	601.66 118.40	85.19
33 42 11 00-1047 LF 102" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	638.90 124.93	90.20
33 42 11 00-1048 LF 108" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	678.30 131.41	100.22
33 42 11 00-1049 LF 114" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	717.19 137.87	110.24
33 42 11 00-1050 LF 120" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	755.08 144.39	120.26
33 42 11 00-1051 LF 126" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	794.76 150.87	130.28
33 42 11 00-1052 LF 132" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	837.02 157.38	140.31
33 42 11 00-1053 LF 138" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	882.37 163.91	150.33
33 42 11 00-1054 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0961)</small>		
33 42 11 00-1055 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1054)</small>		
33 42 11 00-1056 LF 48" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	163.97 45.86	30.07
33 42 11 00-1057 LF 54" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	196.40 56.19	34.08
33 42 11 00-1058 LF 60" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	213.74 61.11	36.08
33 42 11 00-1059 LF 66" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	264.83 76.93	44.10
33 42 11 00-1060 LF 72" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	317.68 81.95	64.15
33 42 11 00-1061 LF 78" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	342.07 86.96	70.15
33 42 11 00-1062 LF 84" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	363.65 91.94	75.17
33 42 11 00-1063 LF 90" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	385.17 96.89	80.18
33 42 11 00-1064 LF 96" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	407.63 101.94	85.19
33 42 11 00-1065 LF 102" 16 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	433.12 107.10	90.20
33 42 11 00-1066 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1054)</small>		
33 42 11 00-1067 LF 54" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	221.86 52.98	34.08
33 42 11 00-1068 LF 60" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	242.11 57.85	36.08
33 42 11 00-1069 LF 66" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	295.72 71.19	44.10
33 42 11 00-1070 LF 72" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	351.09 76.00	64.15
33 42 11 00-1071 LF 78" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	378.48 80.98	70.15
33 42 11 00-1072 LF 84" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	402.89 85.87	75.17
33 42 11 00-1073 LF 90" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe <i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	425.86 90.27	80.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1074 LF 96" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	452.38	85.19
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	95.63	
33 42 11 00-1075 LF 102" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	480.28	90.20
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	100.52	
33 42 11 00-1076 LF 108" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	510.34	100.22
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	105.37	
33 42 11 00-1077 LF 114" 14 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	540.34	110.24
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	110.32	
33 42 11 00-1078 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1054)</small>		
33 42 11 00-1079 LF 60" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	295.12	36.08
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	63.82	
33 42 11 00-1080 LF 66" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	354.17	44.10
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	76.60	
33 42 11 00-1081 LF 72" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	415.09	64.15
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	82.24	
33 42 11 00-1082 LF 78" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	447.38	70.15
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	87.82	
33 42 11 00-1083 LF 84" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	476.80	75.17
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	93.37	
33 42 11 00-1084 LF 90" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	506.51	80.18
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	99.00	
33 42 11 00-1085 LF 96" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	536.74	85.19
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	104.57	
33 42 11 00-1086 LF 102" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	569.74	90.20
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	110.14	
33 42 11 00-1087 LF 108" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	605.19	100.22
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	115.76	
33 42 11 00-1088 LF 114" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	640.13	110.24
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	121.34	
33 42 11 00-1089 LF 120" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	673.82	120.26
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	126.93	
33 42 11 00-1090 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1054)</small>		
33 42 11 00-1091 LF 72" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	476.38	64.15
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	99.77	
33 42 11 00-1092 LF 78" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	514.36	70.15
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	106.98	
33 42 11 00-1093 LF 84" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	549.11	75.17
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	114.05	
33 42 11 00-1094 LF 90" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	583.64	80.18
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	121.06	
33 42 11 00-1095 LF 96" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	619.08	85.19
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	128.12	
33 42 11 00-1096 LF 102" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	657.16	90.20
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	135.15	
33 42 11 00-1097 LF 108" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	697.67	100.22
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	142.21	
33 42 11 00-1098 LF 114" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	737.74	110.24
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	149.26	
33 42 11 00-1099 LF 120" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	776.44	120.26
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	156.28	
33 42 11 00-1100 LF 126" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	825.00	130.28
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	165.55	
33 42 11 00-1101 LF 132" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	870.25	140.31
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	173.18	
33 42 11 00-1102 LF 138" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe.....	919.57	150.33
<i>For 1/2 Bituminous Coated And 25% Paved, Add</i>	181.10	
33 42 11 00-1103 Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-0961)</small>		
33 42 11 00-1104 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1103)</small>		
33 42 11 00-1105 LF 18" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	57.06	11.18
33 42 11 00-1106 LF 21" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	65.42	12.11
33 42 11 00-1107 LF 24" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	73.17	13.04
33 42 11 00-1108 LF 30" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	95.44	16.76
33 42 11 00-1109 LF 36" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	122.79	22.05
33 42 11 00-1110 LF 42" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	140.55	26.05
33 42 11 00-1111 LF 48" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	158.54	30.07
33 42 11 00-1112 LF 54" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	188.29	34.08
33 42 11 00-1113 LF 60" 16 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	205.74	36.08
33 42 11 00-1114 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1103)</small>		
33 42 11 00-1115 LF 18" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	62.96	11.18
33 42 11 00-1116 LF 21" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	72.31	12.11
33 42 11 00-1117 LF 24" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	80.98	13.04
33 42 11 00-1118 LF 30" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe.....	105.20	16.76

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1119	LF	36" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	134.54	22.05
33 42 11 00-1120	LF	42" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	154.29	26.05
33 42 11 00-1121	LF	48" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	174.23	30.07
33 42 11 00-1122	LF	54" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	205.94	34.08
33 42 11 00-1123	LF	60" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	225.42	36.08
33 42 11 00-1124	LF	66" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	274.17	44.10
33 42 11 00-1125	LF	72" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	328.74	64.15
33 42 11 00-1126	LF	78" 14 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	355.05	70.15
33 42 11 00-1127		12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Piping ^(33 42 11 00-1103)		
33 42 11 00-1128	LF	30" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	124.99	16.76
33 42 11 00-1129	LF	36" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	158.24	22.05
33 42 11 00-1130	LF	42" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	182.05	26.05
33 42 11 00-1131	LF	48" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	205.89	30.07
33 42 11 00-1132	LF	54" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	241.53	34.08
33 42 11 00-1133	LF	60" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	265.03	36.08
33 42 11 00-1134	LF	66" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	317.65	44.10
33 42 11 00-1135	LF	72" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	376.13	64.15
33 42 11 00-1136	LF	78" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	406.38	70.15
33 42 11 00-1137	LF	84" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	433.78	75.17
33 42 11 00-1138	LF	90" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	461.23	80.18
33 42 11 00-1139	LF	96" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	489.28	85.19
33 42 11 00-1140	LF	102" 12 Gauge, Helical Ribbed, Aluminized Type 2 Corrugated Steel Pipe	518.25	90.20
33 42 11 00-1141		Aluminized Type 2 Corrugated Steel Pipe-Arch ^(33 42 11 00-0452)		
33 42 11 00-1142		2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ^(33 42 11 00-1141)		
33 42 11 00-1143		16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ^(33 42 11 00-1142)		
33 42 11 00-1144	LF	17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	45.84	10.25
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	12.23	
33 42 11 00-1145	LF	21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	51.44	11.18
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	14.61	
33 42 11 00-1146	LF	24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	59.18	12.11
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	17.57	
33 42 11 00-1147	LF	28" x 20" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	66.62	13.04
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	20.25	
33 42 11 00-1148	LF	35" x 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	86.56	16.76
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	25.72	
33 42 11 00-1149	LF	42" x 29" 16 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	114.06	22.05
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	33.17	
33 42 11 00-1150		14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ^(33 42 11 00-1142)		
33 42 11 00-1151	LF	17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	50.86	10.25
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	12.67	
33 42 11 00-1152	LF	21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	57.52	11.18
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	15.18	
33 42 11 00-1153	LF	24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	66.03	12.11
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	18.06	
33 42 11 00-1154	LF	28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	74.55	13.04
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	20.83	
33 42 11 00-1155	LF	35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	96.44	16.76
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	26.37	
33 42 11 00-1156	LF	42" x 29" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	125.81	22.05
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	33.59	
33 42 11 00-1157	LF	49" x 33" 14 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	145.18	26.05
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	40.02	
33 42 11 00-1158		12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch ^(33 42 11 00-1142)		
33 42 11 00-1159	LF	21" x 15" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	69.93	11.18
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	13.91	
33 42 11 00-1160	LF	24" x 18" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	80.73	12.11
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	16.53	
33 42 11 00-1161	LF	28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	91.20	13.04
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	18.97	
33 42 11 00-1162	LF	35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	117.22	16.76
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	23.94	
33 42 11 00-1163	LF	42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	150.92	22.05
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	30.10	
33 42 11 00-1164	LF	49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	174.47	26.05
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	35.68	
33 42 11 00-1165	LF	57" x 38" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	204.55	30.07
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	42.48	
33 42 11 00-1166	LF	64" x 43" 12 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	228.06	34.08
		<i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	46.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1167 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1142)</small>		
33 42 11 00-1168 LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	173.47	22.05
For 1/2 Bituminous Coated And 40% Paved, Add	31.68	
33 42 11 00-1169 LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	200.76	26.05
For 1/2 Bituminous Coated And 40% Paved, Add	37.44	
33 42 11 00-1170 LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	234.37	30.07
For 1/2 Bituminous Coated And 40% Paved, Add	44.20	
33 42 11 00-1171 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	261.78	34.08
For 1/2 Bituminous Coated And 40% Paved, Add	48.94	
33 42 11 00-1172 LF 71" x 47" 10 Gauge, 2-2/3" x 1/2" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	286.62	36.08
For 1/2 Bituminous Coated And 40% Paved, Add	53.67	
33 42 11 00-1173 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1141)</small>		
33 42 11 00-1174 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1173)</small>		
33 42 11 00-1175 LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	219.60	34.08
For 1/2 Bituminous Coated And 40% Paved, Add	70.34	
33 42 11 00-1176 LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	240.00	36.08
For 1/2 Bituminous Coated And 40% Paved, Add	76.96	
33 42 11 00-1177 LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	297.40	44.10
For 1/2 Bituminous Coated And 40% Paved, Add	96.67	
33 42 11 00-1178 LF 81" x 59" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	353.81	64.15
For 1/2 Bituminous Coated And 40% Paved, Add	103.63	
33 42 11 00-1179 LF 87" x 63" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	382.57	70.15
For 1/2 Bituminous Coated And 40% Paved, Add	110.96	
33 42 11 00-1180 LF 95" x 67" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	408.63	75.17
For 1/2 Bituminous Coated And 40% Paved, Add	118.30	
33 42 11 00-1181 LF 103" x 71" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	434.62	80.18
For 1/2 Bituminous Coated And 40% Paved, Add	125.61	
33 42 11 00-1182 LF 112" x 75" 14 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	461.37	85.19
For 1/2 Bituminous Coated And 40% Paved, Add	132.94	
33 42 11 00-1183 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1173)</small>		
33 42 11 00-1184 LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	290.07	36.08
For 1/2 Bituminous Coated And 40% Paved, Add	87.46	
33 42 11 00-1185 LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	352.91	44.10
For 1/2 Bituminous Coated And 40% Paved, Add	106.89	
33 42 11 00-1186 LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	414.25	64.15
For 1/2 Bituminous Coated And 40% Paved, Add	114.97	
33 42 11 00-1187 LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	447.84	70.15
For 1/2 Bituminous Coated And 40% Paved, Add	123.32	
33 42 11 00-1188 LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	478.83	75.17
For 1/2 Bituminous Coated And 40% Paved, Add	131.73	
33 42 11 00-1189 LF 103" x 71" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	509.76	80.18
For 1/2 Bituminous Coated And 40% Paved, Add	140.11	
33 42 11 00-1190 LF 112" x 75" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	541.33	85.19
For 1/2 Bituminous Coated And 40% Paved, Add	148.46	
33 42 11 00-1191 LF 117" x 79" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	575.86	90.20
For 1/2 Bituminous Coated And 40% Paved, Add	156.89	
33 42 11 00-1192 LF 128" x 83" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	612.58	100.22
For 1/2 Bituminous Coated And 40% Paved, Add	165.27	
33 42 11 00-1193 LF 137" x 87" 12 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	651.00	110.24
For 1/2 Bituminous Coated And 40% Paved, Add	174.49	
33 42 11 00-1194 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1173)</small>		
33 42 11 00-1195 LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	470.37	64.15
For 1/2 Bituminous Coated And 40% Paved, Add	124.44	
33 42 11 00-1196 LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	508.62	70.15
For 1/2 Bituminous Coated And 40% Paved, Add	133.70	
33 42 11 00-1197 LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	544.21	75.17
For 1/2 Bituminous Coated And 40% Paved, Add	142.98	
33 42 11 00-1198 LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	579.66	80.18
For 1/2 Bituminous Coated And 40% Paved, Add	152.21	
33 42 11 00-1199 LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	618.96	85.19
For 1/2 Bituminous Coated And 40% Paved, Add	162.57	
33 42 11 00-1200 LF 112" x 75" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	654.98	90.20
For 1/2 Bituminous Coated And 40% Paved, Add	170.74	
33 42 11 00-1201 LF 128" x 83" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	696.33	100.22
For 1/2 Bituminous Coated And 40% Paved, Add	180.01	
33 42 11 00-1202 LF 137" x 87" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	738.93	110.24
For 1/2 Bituminous Coated And 40% Paved, Add	189.87	
33 42 11 00-1203 LF 142" x 91" 10 Gauge, 3" x 1" Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch.....	785.78	120.26
For 1/2 Bituminous Coated And 40% Paved, Add	201.74	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
33 42 11 00-1204		125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1141)</small>			
33 42 11 00-1205		12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1204)</small>			
33 42 11 00-1206	LF	81" x 59" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	419.92 113.15		64.15
33 42 11 00-1207	LF	87" x 63" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	453.00 121.01		70.15
33 42 11 00-1208	LF	95" x 67" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	483.16 128.81		75.17
33 42 11 00-1209	LF	103" x 71" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	513.28 136.58		80.18
33 42 11 00-1210	LF	112" x 75" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	544.24 144.40		85.19
33 42 11 00-1211	LF	117" x 79" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	578.35 152.37		90.20
33 42 11 00-1212	LF	128" x 83" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	614.65 160.30		100.22
33 42 11 00-1213	LF	137" x 87" 12 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	655.71 170.22		110.24
33 42 11 00-1214		10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <small>(33 42 11 00-1204)</small>			
33 42 11 00-1215	LF	81" x 59" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	482.08 125.50		64.15
33 42 11 00-1216	LF	87" x 63" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	520.14 134.46		70.15
33 42 11 00-1217	LF	95" x 67" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	555.31 143.36		75.17
33 42 11 00-1218	LF	103" x 71" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	590.64 152.32		80.18
33 42 11 00-1219	LF	112" x 75" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	625.85 160.98		85.19
33 42 11 00-1220	LF	117" x 79" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	665.66 170.29		90.20
33 42 11 00-1221	LF	128" x 83" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	707.13 179.37		100.22
33 42 11 00-1222	LF	137" x 87" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	753.28 190.25		110.24
33 42 11 00-1223	LF	142" x 91" 10 Gauge, 125 mm x 25 mm Corrugation, Aluminized Type 2 Corrugated Steel Pipe-Arch <i>For 1/2 Bituminous Coated And 40% Paved, Add</i>	796.50 200.53		120.26
33 42 11 00-1224		Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-0452)</small>			
33 42 11 00-1225		1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1224)</small>			
33 42 11 00-1226		18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1225)</small>			
33 42 11 00-1227	LF	6" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	23.29 2.33		5.58
33 42 11 00-1228	LF	8" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	30.00 3.16		6.99
33 42 11 00-1229	LF	10" 18 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	38.87 4.16		8.39
33 42 11 00-1230		16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1225)</small>			
33 42 11 00-1231	LF	6" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	25.96 2.31		5.58
33 42 11 00-1232	LF	8" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	33.77 3.15		6.99
33 42 11 00-1233	LF	10" 16 Gauge, 1-1/2" x 1/4" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	43.90 4.17		8.39
33 42 11 00-1234		2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1224)</small>			
33 42 11 00-1235		16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1234)</small>			
33 42 11 00-1236	LF	12" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	45.07 4.58		9.78
33 42 11 00-1237	LF	15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	52.08 5.74		10.25
33 42 11 00-1238	LF	18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	59.53 6.98		11.18

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1239 LF 21" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	68.57 8.33	12.11
33 42 11 00-1240 LF 24" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	76.61 9.45	13.04
33 42 11 00-1241 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1234)</small>		
33 42 11 00-1242 LF 12" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	50.78 4.48	9.78
33 42 11 00-1243 LF 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	59.37 5.63	10.25
33 42 11 00-1244 LF 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	68.27 6.83	11.18
33 42 11 00-1245 LF 21" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	78.69 8.11	12.11
33 42 11 00-1246 LF 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	88.23 9.21	13.04
33 42 11 00-1247 LF 30" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	114.73 11.81	16.76
33 42 11 00-1248 LF 36" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	146.66 14.68	22.05
33 42 11 00-1249 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1234)</small>		
33 42 11 00-1250 LF 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	110.45 8.74	13.04
33 42 11 00-1251 LF 30" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	142.39 11.12	16.76
33 42 11 00-1252 LF 36" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	179.89 13.71	22.05
33 42 11 00-1253 LF 42" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	207.58 16.13	26.05
33 42 11 00-1254 LF 48" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	234.77 18.25	30.07
33 42 11 00-1255 LF 54" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	276.26 21.65	34.08
33 42 11 00-1256 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1234)</small>		
33 42 11 00-1257 LF 36" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	215.30 13.48	22.05
33 42 11 00-1258 LF 42" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	248.83 15.82	26.05
33 42 11 00-1259 LF 48" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	282.05 17.96	30.07
33 42 11 00-1260 LF 54" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	329.45 21.07	34.08
33 42 11 00-1261 LF 60" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	362.24 23.22	36.08
33 42 11 00-1262 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1224)</small>		
33 42 11 00-1263 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1262)</small>		
33 42 11 00-1264 LF 30" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	112.92 13.48	16.76
33 42 11 00-1265 LF 36" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	144.40 15.82	22.05
33 42 11 00-1266 LF 42" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	165.45 17.96	26.05
33 42 11 00-1267 LF 48" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	187.37 21.07	30.07
33 42 11 00-1268 LF 54" 16 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	221.35 23.22	34.08
33 42 11 00-1269 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1262)</small>		
33 42 11 00-1270 LF 30" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	127.49 16.13	16.76
33 42 11 00-1271 LF 36" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	165.19 15.82	22.05
33 42 11 00-1272 LF 42" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	189.58 17.96	26.05
33 42 11 00-1273 LF 48" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	213.71 16.13	30.07
33 42 11 00-1274 LF 54" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	252.20 18.25	34.08
33 42 11 00-1275 LF 60" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	275.77 21.07	36.08
33 42 11 00-1276 LF 66" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	335.48 23.22	44.10
33 42 11 00-1277 LF 72" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	394.52 26.05	64.15
33 42 11 00-1278 LF 78" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	425.16 28.17	70.15
33 42 11 00-1279 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1262)</small>		
33 42 11 00-1280 LF 30" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	161.51 16.13	16.76
33 42 11 00-1281 LF 36" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe <i>For Bituminous Coated Pipe, Add</i>	203.45 18.25	22.05

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1282 LF 42" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	235.29	26.05
33 42 11 00-1283 LF 48" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	266.14	30.07
33 42 11 00-1284 LF 54" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	311.06	34.08
33 42 11 00-1285 LF 60" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	340.95	36.08
33 42 11 00-1286 LF 66" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	406.97	44.10
33 42 11 00-1287 LF 72" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	472.48	64.15
33 42 11 00-1288 LF 78" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	509.50	70.15
33 42 11 00-1289 LF 84" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	543.87	75.17
33 42 11 00-1290 LF 90" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	578.15	80.18
33 42 11 00-1291 LF 96" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	613.16	85.19
33 42 11 00-1292 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Piping <small>(33 42 11 00-1262)</small>		
33 42 11 00-1293 LF 60" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	409.50	36.08
33 42 11 00-1294 LF 66" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	479.49	44.10
33 42 11 00-1295 LF 72" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	551.51	64.15
33 42 11 00-1296 LF 78" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	595.04	70.15
33 42 11 00-1297 LF 84" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	636.82	75.17
33 42 11 00-1298 LF 90" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	676.60	80.18
33 42 11 00-1299 LF 96" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	718.06	85.19
33 42 11 00-1300 LF 102" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	762.44	90.20
33 42 11 00-1301 LF 108" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Corrugated Aluminum Pipe.....	809.02	100.22
33 42 11 00-1302 Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1224)</small>		
Note: Contech ULTRA FLO. HS 20 and HS 25 vehicular loading.		
33 42 11 00-1303 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1302)</small>		
33 42 11 00-1304 LF 18" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	79.15	11.18
33 42 11 00-1305 LF 21" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	85.13	12.11
33 42 11 00-1306 LF 24" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	102.68	13.04
33 42 11 00-1307 LF 27" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	118.57	14.90
33 42 11 00-1308 LF 30" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	132.88	16.76
33 42 11 00-1309 LF 33" 16 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	148.35	18.64
33 42 11 00-1310 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1302)</small>		
33 42 11 00-1311 LF 18" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	91.48	11.18
33 42 11 00-1312 LF 21" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	105.80	12.11
33 42 11 00-1313 LF 24" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	119.25	13.04
33 42 11 00-1314 LF 27" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	137.17	14.90
33 42 11 00-1315 LF 30" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	153.51	16.76
33 42 11 00-1316 LF 33" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	171.08	18.64
33 42 11 00-1317 LF 36" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	193.49	22.05
33 42 11 00-1318 LF 42" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	223.42	26.05
33 42 11 00-1319 LF 48" 14 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	252.82	30.07
33 42 11 00-1320 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1302)</small>		
33 42 11 00-1321 LF 30" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	193.86	16.76
33 42 11 00-1322 LF 33" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	215.37	18.64
33 42 11 00-1323 LF 36" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	241.87	22.05
33 42 11 00-1324 LF 42" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	279.92	26.05
33 42 11 00-1325 LF 48" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	317.39	30.07
33 42 11 00-1326 LF 54" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	439.32	34.08
33 42 11 00-1327 LF 60" 12 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	483.53	36.08
33 42 11 00-1328 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Piping <small>(33 42 11 00-1302)</small>		
33 42 11 00-1329 LF 48" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	448.95	30.07
33 42 11 00-1330 LF 54" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	520.43	34.08
33 42 11 00-1331 LF 60" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	573.75	36.08
33 42 11 00-1332 LF 66" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	666.52	44.10
33 42 11 00-1333 LF 72" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	754.08	64.15
33 42 11 00-1334 LF 78" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	813.89	70.15
33 42 11 00-1335 LF 84" 10 Gauge, Exterior Box Corrugation, Aluminized Type 2 Corrugated Steel Pipe	870.45	75.17
33 42 11 00-1336 Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-0452)</small>		
33 42 11 00-1337 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1336)</small>		
33 42 11 00-1338 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1337)</small>		
33 42 11 00-1339 LF 17" x 13" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	54.68 5.75	10.25

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1340 LF 21" x 15" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	62.00 6.87	11.18
33 42 11 00-1341 LF 24" x 18" 16 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	71.37 8.18	12.11
33 42 11 00-1342 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1337)</small>		
33 42 11 00-1343 LF 17" x 13" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	61.98 5.73	10.25
33 42 11 00-1344 LF 21" x 15" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	69.01 6.67	11.18
33 42 11 00-1345 LF 24" x 18" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	81.50 8.11	12.11
33 42 11 00-1346 LF 28" x 20" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	92.04 9.31	13.04
33 42 11 00-1347 LF 35" x 24" 14 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	118.52 11.78	16.76
33 42 11 00-1348 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1337)</small>		
33 42 11 00-1349 LF 28" x 20" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	114.28 8.87	13.04
33 42 11 00-1350 LF 35" x 24" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	146.25 11.19	16.76
33 42 11 00-1351 LF 42" x 29" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	186.41 13.96	22.05
33 42 11 00-1352 LF 49" x 33" 12 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	216.17 16.52	26.05
33 42 11 00-1353 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1337)</small>		
33 42 11 00-1354 LF 42" x 29" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	221.78 13.48	22.05
33 42 11 00-1355 LF 49" x 33" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	257.50 15.90	26.05
33 42 11 00-1356 LF 57" x 38" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	299.45 18.63	30.07
33 42 11 00-1357 LF 64" x 43" 10 Gauge, 2-2/3" x 1/2" Corrugation, Spiral Lockseam Aluminum Pipe-Arch..... <i>For Bituminous Coated Pipe, Add</i>	335.17 20.72	34.08
33 42 11 00-1358 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1336)</small>		
33 42 11 00-1359 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1358)</small>		
33 42 11 00-1360 LF 60" x 46" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	257.92	34.08
33 42 11 00-1361 LF 66" x 51" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	282.42	36.08
33 42 11 00-1362 LF 73" x 55" 14 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	343.70	44.10
33 42 11 00-1363 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1358)</small>		
33 42 11 00-1364 LF 60" x 46" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	316.78	34.08
33 42 11 00-1365 LF 66" x 51" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	347.60	36.08
33 42 11 00-1366 LF 73" x 55" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	414.89	44.10
33 42 11 00-1367 LF 81" x 59" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	481.01	64.15
33 42 11 00-1368 LF 87" x 63" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	518.62	70.15
33 42 11 00-1369 LF 95" x 67" 12 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	553.60	75.17
33 42 11 00-1370 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch <small>(33 42 11 00-1358)</small>		
33 42 11 00-1371 LF 66" x 51" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	416.05	36.08
33 42 11 00-1372 LF 73" x 55" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	487.12	44.10
33 42 11 00-1373 LF 81" x 59" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	559.73	64.15
33 42 11 00-1374 LF 87" x 63" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	603.85	70.15
33 42 11 00-1375 LF 95" x 67" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	645.24	75.17
33 42 11 00-1376 LF 103" x 71" 10 Gauge, 3" x 1" Corrugation, Spiral Lockseam Aluminum Pipe-Arch.....	686.60	80.18
33 42 11 00-1377 Corrugated Steel Pipe Fittings <small>(33 42 11 00-0452)</small>		
Note: Equivalent pipe-arch sizes are approximate.		
33 42 11 00-1378 Fabricate 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fittings <small>(33 42 11 00-1377)</small>		
Note: Excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.		
33 42 11 00-1379 EA Fabricate 6" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	83.32	
33 42 11 00-1380 EA Fabricate 8" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	104.49	
33 42 11 00-1381 EA Fabricate 10" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 2' Of Appropriate Pipe)	125.67	
33 42 11 00-1382 EA Fabricate 12" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe)	148.16	
33 42 11 00-1383 EA Fabricate 15" (Or 17" x 13" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	179.90	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1384	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	211.63	
33 42 11 00-1385	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	243.38	
33 42 11 00-1386	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	275.11	
33 42 11 00-1387	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	358.46	
33 42 11 00-1388	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	427.22	
33 42 11 00-1389	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	496.02	
33 42 11 00-1390	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	641.52	
33 42 11 00-1391	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	723.54	
33 42 11 00-1392	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	808.19	
33 42 11 00-1393	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	895.49	
33 42 11 00-1394	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,091.25	
33 42 11 00-1395	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,190.44	
33 42 11 00-1396	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 10' Of Appropriate Pipe).....	1,292.29	
33 42 11 00-1397	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,585.94	
33 42 11 00-1398	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,702.36	
33 42 11 00-1399	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,820.07	
33 42 11 00-1400	EA	Fabricate 108" (Or 128" x 83" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,937.78	
33 42 11 00-1401	EA	Fabricate 114" (Or 137" x 87" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	2,054.18	
33 42 11 00-1402	EA	Fabricate 120" (Or 142" x 91" Pipe-Arch) 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	2,171.91	
33 42 11 00-1403	EA	Fabricate 126" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,296.02	
33 42 11 00-1404	EA	Fabricate 132" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,427.25	
33 42 11 00-1405	EA	Fabricate 138" 2-Piece Single Miter Elbow, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	2,565.93	

33 42 11 00-1406 Fabricate Corrugated Steel Pipe Tees Or Laterals (33 42 11 00-1377)

Note: Fabrication charge excludes material. Use appropriate size, gauge, corrugation and type of material from pipe sections for the listed requirements of pipe needed.

33 42 11 00-1407	EA	Fabricate 6" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	108.47	
33 42 11 00-1408	EA	Fabricate 8" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	138.89	
33 42 11 00-1409	EA	Fabricate 10" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	169.29	
33 42 11 00-1410	EA	Fabricate 12" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 3' Of Appropriate Pipe).....	199.74	
33 42 11 00-1411	EA	Fabricate 15" (Or 17" x 13" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 4' Of Appropriate Pipe).....	243.38	
33 42 11 00-1412	EA	Fabricate 18" (Or 21" x 15" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	288.34	
33 42 11 00-1413	EA	Fabricate 21" (Or 24" x 18" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	333.34	
33 42 11 00-1414	EA	Fabricate 24" (Or 28" x 20" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 6' Of Appropriate Pipe).....	378.28	
33 42 11 00-1415	EA	Fabricate 30" (Or 35" x 24" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 8' Of Appropriate Pipe).....	496.02	
33 42 11 00-1416	EA	Fabricate 36" (Or 42" x 29" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	591.26	
33 42 11 00-1417	EA	Fabricate 42" (Or 49" x 33" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	687.80	
33 42 11 00-1418	EA	Fabricate 48" (Or 57" x 38" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 9' Of Appropriate Pipe).....	892.83	
33 42 11 00-1419	EA	Fabricate 54" (Or 64" x 43" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,005.26	
33 42 11 00-1420	EA	Fabricate 60" (Or 71" x 47" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,121.65	
33 42 11 00-1421	EA	Fabricate 66" (Or 77" x 52" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 12' Of Appropriate Pipe).....	1,240.70	
33 42 11 00-1422	EA	Fabricate 72" (Or 83" x 57" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 14' Of Appropriate Pipe).....	1,513.17	
33 42 11 00-1423	EA	Fabricate 78" (Or 87" x 63" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,648.11	
33 42 11 00-1424	EA	Fabricate 84" (Or 95" x 67" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 16' Of Appropriate Pipe).....	1,785.67	
33 42 11 00-1425	EA	Fabricate 90" (Or 103" x 71" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	2,197.02	
33 42 11 00-1426	EA	Fabricate 96" (Or 112" x 75" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 18' Of Appropriate Pipe).....	2,354.43	
33 42 11 00-1427	EA	Fabricate 102" (Or 117" x 79" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	2,511.83	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1428 EA Fabricate 108" (Or 128" x 83" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 20' Of Appropriate Pipe).....	2,670.55	
33 42 11 00-1429 EA Fabricate 114" (Or 137" x 87" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	2,829.28	
33 42 11 00-1430 EA Fabricate 120" (Or 142" x 91" Pipe-Arch) Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 21' Of Appropriate Pipe).....	2,986.66	
33 42 11 00-1431 EA Fabricate 126" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 23' Of Appropriate Pipe).....	3,152.83	
33 42 11 00-1432 EA Fabricate 132" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	3,328.22	
33 42 11 00-1433 EA Fabricate 138" Tee Or Lateral, Corrugated Steel Pipe Fitting (Requires 24' Of Appropriate Pipe).....	3,513.35	
33 42 11 00-1434 Fabricate Skew Or Bevel Ends, Corrugated Steel Pipe Fitting (33 42 11 00-1377)		
Note: Applied to pipe tasks.		
33 42 11 00-1435 EA Fabricate 6" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	41.70	
33 42 11 00-1436 EA Fabricate 8" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	52.46	
33 42 11 00-1437 EA Fabricate 10" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	65.99	
33 42 11 00-1438 EA Fabricate 12" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	80.80	
33 42 11 00-1439 EA Fabricate 15" (Or 17" x 13" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	102.25	
33 42 11 00-1440 EA Fabricate 18" (Or 21" x 15" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	125.20	
33 42 11 00-1441 EA Fabricate 21" (Or 24" x 18" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	146.65	
33 42 11 00-1442 EA Fabricate 24" (Or 28" x 20" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	170.38	
33 42 11 00-1443 EA Fabricate 30" (Or 35" x 24" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	209.27	
33 42 11 00-1444 EA Fabricate 36" (Or 42" x 29" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	249.51	
33 42 11 00-1445 EA Fabricate 42" (Or 49" x 33" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	297.71	
33 42 11 00-1446 EA Fabricate 48" (Or 57" x 38" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	366.22	
33 42 11 00-1447 EA Fabricate 54" (Or 64" x 43" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	414.52	
33 42 11 00-1448 EA Fabricate 60" (Or 71" x 47" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	466.82	
33 42 11 00-1449 EA Fabricate 66" (Or 77" x 52" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	566.10	
33 42 11 00-1450 EA Fabricate 72" (Or 83" x 57" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	627.79	
33 42 11 00-1451 EA Fabricate 78" (Or 87" x 63" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	765.97	
33 42 11 00-1452 EA Fabricate 84" (Or 95" x 67" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	834.41	
33 42 11 00-1453 EA Fabricate 90" (Or 103" x 71" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	906.87	
33 42 11 00-1454 EA Fabricate 96" (Or 112" x 75" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	977.91	
33 42 11 00-1455 EA Fabricate 102" (Or 117" x 79" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,050.36	
33 42 11 00-1456 EA Fabricate 108" (Or 128" x 83" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,124.12	
33 42 11 00-1457 EA Fabricate 114" (Or 137" x 87" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,196.59	
33 42 11 00-1458 EA Fabricate 120" (Or 142" x 91" Pipe-Arch) Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,269.01	
33 42 11 00-1459 EA Fabricate 126" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,345.82	
33 42 11 00-1460 EA Fabricate 132" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,427.26	
33 42 11 00-1461 EA Fabricate 138" Skew Or Bevel End, Corrugated Steel Pipe Fitting.....	1,513.64	
33 42 11 00-1462 Saddles, Corrugated Steel Pipe Fitting (33 42 11 00-1377)		
Note: For Field Tap		
33 42 11 00-1463 EA 6" Saddle, Corrugated Steel Pipe Fitting.....	221.39	
33 42 11 00-1464 EA 8" Saddle, Corrugated Steel Pipe Fitting.....	249.94	
33 42 11 00-1465 EA 10" Saddle, Corrugated Steel Pipe Fitting.....	287.68	
33 42 11 00-1466 EA 12" Saddle, Corrugated Steel Pipe Fitting.....	351.99	
33 42 11 00-1467 EA 15" Saddle, Corrugated Steel Pipe Fitting.....	433.91	
33 42 11 00-1468 EA 18" Saddle, Corrugated Steel Pipe Fitting.....	517.59	
33 42 11 00-1469 EA 21" Saddle, Corrugated Steel Pipe Fitting.....	652.18	
33 42 11 00-1470 EA 24" Saddle, Corrugated Steel Pipe Fitting.....	774.95	
33 42 11 00-1471 EA 30" Saddle, Corrugated Steel Pipe Fitting.....	974.38	
33 42 11 00-1472 EA 36" Saddle, Corrugated Steel Pipe Fitting.....	1,256.03	
33 42 11 00-1473 EA 42" Saddle, Corrugated Steel Pipe Fitting.....	1,482.84	
33 42 11 00-1474 EA 48" Saddle, Corrugated Steel Pipe Fitting.....	1,743.97	
33 42 11 00-1475 EA 54" Saddle, Corrugated Steel Pipe Fitting.....	2,075.01	
33 42 11 00-1476 EA 60" Saddle, Corrugated Steel Pipe Fitting.....	2,458.98	
33 42 11 00-1477 EA 66" Saddle, Corrugated Steel Pipe Fitting.....	2,801.47	
33 42 11 00-1478 EA 72" Saddle, Corrugated Steel Pipe Fitting.....	3,125.07	
33 42 11 00-1479 EA 78" Saddle, Corrugated Steel Pipe Fitting.....	3,668.95	
33 42 11 00-1480 EA 84" Saddle, Corrugated Steel Pipe Fitting.....	4,052.39	
33 42 11 00-1481 EA 90" Saddle, Corrugated Steel Pipe Fitting.....	4,795.89	
33 42 11 00-1482 EA 96" Saddle, Corrugated Steel Pipe Fitting.....	5,300.87	
33 42 11 00-1483 EA 102" Saddle, Corrugated Steel Pipe Fitting.....	6,013.81	
33 42 11 00-1484 EA 108" Saddle, Corrugated Steel Pipe Fitting.....	6,824.08	
33 42 11 00-1485 EA 114" Saddle, Corrugated Steel Pipe Fitting.....	7,742.43	
33 42 11 00-1486 EA 120" Saddle, Corrugated Steel Pipe Fitting.....	8,782.95	
33 42 11 00-1487 Coupling Bands, Corrugated Metal Pipe Fitting (33 42 11 00-1377)		
33 42 11 00-1488 EA 6" Coupling Band, Corrugated Metal Pipe Fitting.....	13.32	
For Bituminous Coated, Add	3.86	
33 42 11 00-1489 EA 8" Coupling Band, Corrugated Metal Pipe Fitting.....	17.68	
For Bituminous Coated, Add	5.13	
33 42 11 00-1490 EA 10" Coupling Band, Corrugated Metal Pipe Fitting.....	22.28	
For Bituminous Coated, Add	6.46	
33 42 11 00-1491 EA 12" Coupling Band, Corrugated Metal Pipe Fitting.....	36.98	
For Bituminous Coated, Add	10.72	
33 42 11 00-1492 EA 15" Coupling Band, Corrugated Metal Pipe Fitting.....	46.62	
For Bituminous Coated, Add	13.52	
33 42 11 00-1493 EA 18" Coupling Band, Corrugated Metal Pipe Fitting.....	68.40	
For Bituminous Coated, Add	19.84	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 11 00-1494	EA	21" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	81.19 23.55	
33 42 11 00-1495	EA	24" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	92.06 26.70	
33 42 11 00-1496	EA	30" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	159.31 46.20	
33 42 11 00-1497	EA	36" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	254.89 61.17	
33 42 11 00-1498	EA	42" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	299.49 71.88	
33 42 11 00-1499	EA	48" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	335.58 80.54	
33 42 11 00-1500	EA	54" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	475.91 114.22	
33 42 11 00-1501	EA	60" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	680.70 122.53	
33 42 11 00-1502	EA	66" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	836.57 150.58	
33 42 11 00-1503	EA	72" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,074.62 150.45	
33 42 11 00-1504	EA	78" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,149.37 160.91	
33 42 11 00-1505	EA	84" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,224.55 171.44	
33 42 11 00-1506	EA	90" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,299.35 181.91	
33 42 11 00-1507	EA	96" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,374.33 192.41	
33 42 11 00-1508	EA	102" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,449.51 202.93	
33 42 11 00-1509	EA	108" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,524.34 213.41	
33 42 11 00-1510	EA	114" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,805.42 216.65	
33 42 11 00-1511	EA	120" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,673.90 200.87	
33 42 11 00-1512	EA	126" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,748.50 209.82	
33 42 11 00-1513	EA	132" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,823.64 218.84	
33 42 11 00-1514	EA	138" Coupling Band, Corrugated Metal Pipe Fitting..... <i>For Bituminous Coated, Add</i>	1,898.86 227.86	
33 42 11 00-1515		90 Degree Bends, Galvanized Corrugated Metal Pipe Fitting <small>(33 42 11 00-1377)</small>		
33 42 11 00-1516	EA	12" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	375.19	111.78
33 42 11 00-1517	EA	15" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	457.05	139.72
33 42 11 00-1518	EA	18" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	537.55	186.30
33 42 11 00-1519	EA	24" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	734.97	260.82
33 42 11 00-1520	EA	30" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	945.24	298.08
33 42 11 00-1521	EA	36" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	1,311.21	340.75
33 42 11 00-1522	EA	42" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	1,550.87	400.88
33 42 11 00-1523	EA	48" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	1,775.24	400.88
33 42 11 00-1524	EA	54" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	2,160.18	561.23
33 42 11 00-1525	EA	60" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	2,444.85	561.23
33 42 11 00-1526	EA	66" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	2,960.77	701.54
33 42 11 00-1527	EA	72" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	3,155.99	746.65
33 42 11 00-1528	EA	78" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	3,711.47	935.36
33 42 11 00-1529	EA	84" 90 Degree Bend, Galvanized Corrugated Metal Pipe Fitting.....	4,121.45	1,002.21
33 42 11 00-1530		Wyes Or Tees, Galvanized Corrugated Metal Pipe Fitting <small>(33 42 11 00-1377)</small>		
33 42 11 00-1531	EA	12" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	544.71	149.04
33 42 11 00-1532	EA	15" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	628.80	186.30
33 42 11 00-1533	EA	18" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	734.07	242.20
33 42 11 00-1534	EA	24" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	1,049.36	335.34
33 42 11 00-1535	EA	30" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	1,381.79	391.24
33 42 11 00-1536	EA	36" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	1,903.35	461.02
33 42 11 00-1537	EA	42" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	2,254.89	541.19
33 42 11 00-1538	EA	48" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	2,627.29	541.19
33 42 11 00-1539	EA	54" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	3,151.26	741.64
33 42 11 00-1540	EA	60" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	3,541.70	741.64
33 42 11 00-1541	EA	66" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	4,196.98	942.08
33 42 11 00-1542	EA	72" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	4,424.74	1,002.21
33 42 11 00-1543	EA	78" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	5,382.06	1,247.75
33 42 11 00-1544	EA	84" Wye Or Tee, Galvanized Corrugated Metal Pipe Fitting.....	6,222.45	1,342.95

33 42 13 Stormwater Culverts (33 42)**33 42 13 13 Precast Concrete Stormwater Culverts** (33 42 13)

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 13 13-0001	<p>Precast Reinforced Concrete Box Culvert <small>(33 42 13 13)</small></p> <p>Note: The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0883 for crane lifting equipment.</p>		
33 42 13 13-0002	LF 3' x 3' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	400.44 16.02	50.11
33 42 13 13-0003	LF 4' x 2' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	451.37 18.05	50.11
33 42 13 13-0004	LF 4' x 3' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	533.63 21.35	50.11
33 42 13 13-0005	LF 5' x 3' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	640.59 25.62	62.64
33 42 13 13-0006	LF 5' x 4' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	656.26 26.25	62.64
33 42 13 13-0007	LF 5' x 5' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	664.10 26.56	62.64
33 42 13 13-0008	LF 6' x 3' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	684.71 27.39	65.14
33 42 13 13-0009	LF 6' x 4' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	688.63 27.55	65.14
33 42 13 13-0010	LF 6' x 6' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	759.15 30.37	65.14
33 42 13 13-0011	LF 7' x 4' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	778.91 31.16	75.17
33 42 13 13-0012	LF 7' x 6' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	832.25 33.29	102.23
33 42 13 13-0013	LF 8' x 2' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	763.07 30.52	65.14
33 42 13 13-0014	LF 8' x 3' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	782.83 31.31	75.17
33 42 13 13-0015	LF 8' x 4' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	794.58 31.78	75.17
33 42 13 13-0016	LF 8' x 5' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	958.36 38.33	100.22
33 42 13 13-0017	LF 8' x 6' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	961.49 38.46	100.22
33 42 13 13-0018	LF 8' x 8' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,063.39 42.54	125.27
33 42 13 13-0019	LF 9' x 4' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,059.43 42.38	100.22
33 42 13 13-0020	LF 9' x 6' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,120.58 44.82	125.27
33 42 13 13-0021	LF 10' x 3' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,124.50 44.98	125.27
33 42 13 13-0022	LF 10' x 4' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,367.38 54.70	125.27
33 42 13 13-0023	LF 10' x 5' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,432.44 57.30	150.33
33 42 13 13-0024	LF 10' x 6' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,448.10 57.92	150.33
33 42 13 13-0025	LF 10' x 7' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,452.02 58.08	150.33
33 42 13 13-0026	LF 10' x 8' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,457.51 58.30	150.33
33 42 13 13-0027	LF 12' x 3' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,513.18 60.53	175.39
33 42 13 13-0028	LF 12' x 4' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,513.18 60.53	175.39
33 42 13 13-0029	LF 12' x 6' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,513.18 60.53	175.39
33 42 13 13-0030	LF 12' x 8' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	1,513.18 60.53	175.39
33 42 13 13-0031	LF 16' x 10' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	2,205.03 88.20	200.44
33 42 13 13-0032	LF 24' x 10' Precast Reinforced Concrete Box Culvert <i>For Each LF Of Cut-Off Section, Add</i>	3,066.89 122.68	200.44

33 42 13 13-0033	<p>Precast Reinforced Concrete Box Culvert For Roadways <small>(33 42 13 13)</small></p> <p>Note: AASHTO HL-93 Rated. The quantity required shall be the entire length of the culvert including the length of the cut-off sections. Includes delivery, handling, hoisting into place, alignment, bracing, permanent connections, grouting of joints and caulking of joints. Excludes crane, excavation and backfill. Minimum length 6'-0". See CSI section 01 22 23 00-0883 for crane lifting equipment.</p>		
33 42 13 13-0034	LF 3' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,000.21 40.01	50.11
33 42 13 13-0035	LF 4' x 2' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,075.46 43.02	50.11
33 42 13 13-0036	LF 4' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,208.65 48.35	50.11
33 42 13 13-0037	LF 5' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,366.49 54.66	62.64
33 42 13 13-0038	LF 5' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,499.68 59.99	62.64

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 13	13-0039	LF	5' x 5' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,632.87 65.31	62.64
33 42 13	13-0040	LF	6' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,504.63 60.19	65.14
33 42 13	13-0041	LF	6' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,637.82 65.51	65.14
33 42 13	13-0042	LF	6' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,904.19 76.17	65.14
33 42 13	13-0043	LF	7' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,790.77 71.63	75.17
33 42 13	13-0044	LF	7' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,110.45 84.42	102.23
33 42 13	13-0045	LF	8' x 2' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,637.82 65.51	65.14
33 42 13	13-0046	LF	8' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,790.77 71.63	75.17
33 42 13	13-0047	LF	8' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	1,923.95 76.96	75.17
33 42 13	13-0048	LF	8' x 5' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,106.50 84.26	100.22
33 42 13	13-0049	LF	8' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,239.69 89.59	100.22
33 42 13	13-0050	LF	8' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,555.46 102.22	125.27
33 42 13	13-0051	LF	9' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,261.48 90.46	100.22
33 42 13	13-0052	LF	9' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,595.54 103.82	125.27
33 42 13	13-0053	LF	10' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,566.56 102.66	125.27
33 42 13	13-0054	LF	10' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,724.71 108.99	125.27
33 42 13	13-0055	LF	10' x 5' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	2,932.23 117.29	150.33
33 42 13	13-0056	LF	10' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,090.38 123.62	150.33
33 42 13	13-0057	LF	10' x 7' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,248.56 129.94	150.33
33 42 13	13-0058	LF	10' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,406.71 136.27	150.33
33 42 13	13-0059	LF	12' x 3' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,402.29 136.09	175.39
33 42 13	13-0060	LF	12' x 4' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,582.05 143.28	175.39
33 42 13	13-0061	LF	12' x 6' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	3,941.65 157.67	175.39
33 42 13	13-0062	LF	12' x 8' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	4,301.24 172.05	175.39
33 42 13	13-0063	LF	16' x 10' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	5,149.73 205.99	200.44
33 42 13	13-0064	LF	24' x 10' Precast Reinforced Concrete Box Culvert For Roadways <i>For Each LF Of Cut-Off Section, Add</i>	6,508.17 260.33	200.44

33 42 23 Headwalls and Endwalls for Stormwater Piping (33 42)**33 42 23 00-0001 Headwalls (33 42 23)**

Note: Excludes excavation and backfill. Select pipe with closest opening area for square or round culverts.

33 42 23 00-0002 Cast In Place Concrete Headwalls (33 42 23 00-0001)

Note: Includes concrete, forms, rebar (where required), finish and curing.

33 42 23 00-0003 Skewed Wingwall, Cast In Place Concrete Headwall (33 42 23 00-0002)

Note: Sized by pipe diameter.

33 42 23 00-0004	EA	12" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,561.88	645.20
33 42 23 00-0005	EA	15" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	1,963.12	688.22
33 42 23 00-0006	EA	18" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	2,573.67	901.46
33 42 23 00-0007	EA	24" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	4,058.62	1,290.40
33 42 23 00-0008	EA	30" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	5,657.00	1,720.53
33 42 23 00-0009	EA	36" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	6,691.17	2,267.85
33 42 23 00-0010	EA	42" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	9,134.51	3,128.22
33 42 23 00-0011	EA	48" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	10,867.70	3,686.82
33 42 23 00-0012	EA	54" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	13,062.75	4,488.41
33 42 23 00-0013	EA	60" Pipe, Skewed Wingwall, Cast In Place Concrete Headwall	15,647.71	5,433.27

33 42 23 00-0014 Precast Concrete Headwalls (33 42 23 00-0001)

33 42 23 00-0015	EA	12" Pipe, Precast Concrete Headwall	930.07	167.68
33 42 23 00-0016	EA	15" Pipe, Precast Concrete Headwall	958.02	176.98
33 42 23 00-0017	EA	18" Pipe, Precast Concrete Headwall	1,052.75	201.20
33 42 23 00-0018	EA	24" Pipe, Precast Concrete Headwall	1,165.73	214.24
33 42 23 00-0019	EA	30" Pipe, Precast Concrete Headwall	1,591.26	251.50
33 42 23 00-0020	EA	36" Pipe, Precast Concrete Headwall	1,780.73	260.82
33 42 23 00-0021	EA	42" Pipe, Precast Concrete Headwall	2,364.12	309.28
33 42 23 00-0022	EA	48" Pipe, Precast Concrete Headwall	2,616.89	340.75
33 42 23 00-0023	EA	54" Pipe, Precast Concrete Headwall	2,893.51	360.79

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 23 00-0024 EA 60" Pipe, Precast Concrete Headwall	3,293.42	360.79
33 42 23 00-0025 EA 72" Pipe, Precast Concrete Headwall	4,013.05	451.00
33 42 23 00-0026 EA 84" Pipe, Precast Concrete Headwall	5,738.94	541.19
33 42 23 00-0027 Precast Concrete Wingwalls <small>(33 42 23 00-0001)</small>		
33 42 23 00-0028 EA 18" ID Pipe (26" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	5,716.01	1,785.93
33 42 23 00-0029 EA 24" ID Pipe (32" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,016.68	1,984.37
33 42 23 00-0030 EA 30" ID Pipe (42" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	6,517.78	2,315.10
33 42 23 00-0031 EA 33" ID Pipe (46" Hole) Precast Concrete Wingwall..... Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	7,018.88	2,645.82
33 42 23 00-0032 EA 36" ID Pipe (50" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	7,018.88	2,645.82
33 42 23 00-0033 EA 44" ID Pipe (58" Hole) Precast Concrete Wingwall..... Note: 12" Thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	7,219.32	2,778.11
33 42 23 00-0034 EA 48" ID Pipe (62" Hole) Precast Concrete Wingwall..... Note: 12" thick wall and base. Wingwalls are configured at 0-30 degrees off centerline of pipe.	13,277.07	2,844.26
33 42 23 00-0035 EA 52" ID Pipe (66" Hole) Precast Concrete Wingwall..... Note: 12" thick wall and base. Wingwalls are configured at zero degrees only off centerline of pipe.	13,577.73	3,042.70
33 42 23 00-0036 Precast Concrete Transverse Drainage Interceptor <small>(33 42 23 00-0001)</small>		
33 42 23 00-0037 EA 34" x 48" x 28" Precast Concrete Transverse Drainage Interceptor With Frame And Grate.....	3,112.59	701.54
33 42 26 End Sections for Stormwater Piping <small>(33 42)</small>		
33 42 26 16 Corrugated Metal End Sections for Stormwater Piping <small>(33 42 26)</small>		
33 42 26 16-0001 Corrugated Metal Pipe End Sections <small>(33 42 26 16)</small>		
33 42 26 16-0002 Galvanized Corrugated Steel Pipe End Sections <small>(33 42 26 16-0001)</small>		
33 42 26 16-0003 Type 1 Galvanized Corrugated Steel Pipe End Sections <small>(33 42 26 16-0002)</small> Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0004 EA 12" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	265.39	65.20
33 42 26 16-0005 EA 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	308.53	69.87
33 42 26 16-0006 EA 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	360.87	74.52
33 42 26 16-0007 EA 21" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	437.85	81.51
33 42 26 16-0008 EA 24" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe End Section	485.19	88.49
33 42 26 16-0009 Type 2 Galvanized Corrugated Steel Pipe End Sections <small>(33 42 26 16-0002)</small> Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0010 EA 30" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	786.31	100.14
33 42 26 16-0011 EA 36" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,023.95	120.26
33 42 26 16-0012 EA 42" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,574.99	140.31
33 42 26 16-0013 EA 48" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	1,924.83	160.36
33 42 26 16-0014 EA 54" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,292.27	200.44
33 42 26 16-0015 EA 60" 10 Gauge, Type 2 Galvanized Corrugated Steel Pipe End Section	2,676.54	240.53
33 42 26 16-0016 Type 3 Or 5 Galvanized Corrugated Steel Pipe End Sections <small>(33 42 26 16-0002)</small> Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0017 EA 12" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	277.45	65.20
33 42 26 16-0018 EA 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	320.93	69.87
33 42 26 16-0019 EA 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	379.93	74.52
33 42 26 16-0020 EA 21" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	460.74	81.51
33 42 26 16-0021 EA 24" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	511.15	88.49
33 42 26 16-0022 EA 30" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	866.00	100.14
33 42 26 16-0023 EA 36" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,122.56	120.26
33 42 26 16-0024 EA 42" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	1,791.07	140.31
33 42 26 16-0025 EA 48" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,203.68	160.36
33 42 26 16-0026 EA 54" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	2,574.27	200.44
33 42 26 16-0027 EA 60" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	3,569.68	240.53
33 42 26 16-0028 EA 66" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	4,045.58	360.79
33 42 26 16-0029 EA 72" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	4,730.36	481.06
33 42 26 16-0030 EA 78" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	5,153.13	516.14
33 42 26 16-0031 EA 84" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe End Section.....	5,586.24	551.21
33 42 26 16-0032 Toe Plate Extensions For Galvanized Corrugated Steel Pipe End Section <small>(33 42 26 16-0002)</small>		
33 42 26 16-0033 EA Toe Plate Extension For 12" Diameter Galvanized Corrugated Steel Pipe End Section	34.79	
33 42 26 16-0034 EA Toe Plate Extension For 15" Diameter Galvanized Corrugated Steel Pipe End Section	38.84	
33 42 26 16-0035 EA Toe Plate Extension For 18" Diameter Galvanized Corrugated Steel Pipe End Section	43.79	
33 42 26 16-0036 EA Toe Plate Extension For 21" Diameter Galvanized Corrugated Steel Pipe End Section	47.62	
33 42 26 16-0037 EA Toe Plate Extension For 24" Diameter Galvanized Corrugated Steel Pipe End Section	53.33	
33 42 26 16-0038 EA Toe Plate Extension For 30" Diameter Galvanized Corrugated Steel Pipe End Section	93.48	
33 42 26 16-0039 EA Toe Plate Extension For 36" Diameter Galvanized Corrugated Steel Pipe End Section	100.59	
33 42 26 16-0040 EA Toe Plate Extension For 42" Diameter Galvanized Corrugated Steel Pipe End Section	138.11	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0041	EA		Toe Plate Extension For 48" Diameter Galvanized Corrugated Steel Pipe End Section	147.76	
33 42 26 16-0042	EA		Toe Plate Extension For 54" Diameter Galvanized Corrugated Steel Pipe End Section	180.54	
33 42 26 16-0043	EA		Toe Plate Extension For 60" Diameter Galvanized Corrugated Steel Pipe End Section	184.85	
33 42 26 16-0044	EA		Toe Plate Extension For 66" Diameter Galvanized Corrugated Steel Pipe End Section	197.10	
33 42 26 16-0045	EA		Toe Plate Extension For 72" Diameter Galvanized Corrugated Steel Pipe End Section	223.52	
33 42 26 16-0046	EA		Toe Plate Extension For 78" Diameter Galvanized Corrugated Steel Pipe End Section	250.07	
33 42 26 16-0047	EA		84" Diameter Galvanized Corrugated Steel Pipe End Section Toe Plate Extension.....	256.05	
33 42 26 16-0048			Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0001)		
33 42 26 16-0049			Type 1 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)		
			Note: Used with annular corrugations, no band required. Consists of a 12 gauge steel strap with a 6" bolt and nut.		
33 42 26 16-0050	EA		17" x 13" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	308.53	69.87
33 42 26 16-0051	EA		21" x 15" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	360.87	74.52
33 42 26 16-0052	EA		24" x 18" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	437.85	81.51
33 42 26 16-0053	EA		28" x 20" 16 Gauge, Type 1 Galvanized Corrugated Steel Pipe-Arch End Section.....	485.19	88.49
33 42 26 16-0054			Type 2 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)		
			Note: Partial circumferential rod with two hinge type lugs used with annular corrugations. No band required.		
33 42 26 16-0055	EA		17" x 13" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	298.11	69.87
33 42 26 16-0056	EA		21" x 15" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	341.62	74.52
33 42 26 16-0057	EA		24" x 18" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	382.73	81.51
33 42 26 16-0058	EA		28" x 20" 16 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	432.56	88.49
33 42 26 16-0059	EA		35" x 24" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	636.26	100.14
33 42 26 16-0060	EA		42" x 29" 14 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	933.44	120.26
33 42 26 16-0061	EA		49" x 33" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	1,456.37	140.31
33 42 26 16-0062	EA		57" x 38" 12 Gauge, Type 2 Galvanized Corrugated Steel Pipe-Arch End Section.....	1,845.78	160.36
33 42 26 16-0063			Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Sections (33 42 26 16-0048)		
			Note: Stubbed with 1' of pipe (excluded in price). Used with all pipe having annular end corrugations.		
33 42 26 16-0064	EA		17" x 13" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	303.40	69.87
33 42 26 16-0065	EA		21" x 15" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	353.10	74.52
33 42 26 16-0066	EA		24" x 18" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	400.68	81.51
33 42 26 16-0067	EA		28" x 20" 16 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	453.84	88.49
33 42 26 16-0068	EA		35" x 24" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	672.43	100.14
33 42 26 16-0069	EA		42" x 29" 14 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	982.78	120.26
33 42 26 16-0070	EA		49" x 33" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	1,535.30	140.31
33 42 26 16-0071	EA		57" x 38" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	1,936.62	160.36
33 42 26 16-0072	EA		64" x 43" 12 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	2,329.59	200.44
33 42 26 16-0073	EA		71" x 47" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	3,064.06	240.53
33 42 26 16-0074	EA		77" x 52" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	4,274.78	360.79
33 42 26 16-0075	EA		83" x 57" 10 Gauge, Type 3 Or 5 Galvanized Corrugated Steel Pipe-Arch End Section.....	4,727.30	481.06
33 42 26 16-0076			Toe Plate Extensions For Galvanized Corrugated Steel Pipe-Arch End Section (33 42 26 16-0048)		
33 42 26 16-0077	EA		Toe Plate Extension For 17" x 13" Galvanized Corrugated Steel Pipe-Arch End Section	38.84	
33 42 26 16-0078	EA		Toe Plate Extension For 21" x 15" Galvanized Corrugated Steel Pipe-Arch End Section	43.79	
33 42 26 16-0079	EA		Toe Plate Extension For 24" x 18" Galvanized Corrugated Steel Pipe-Arch End Section	47.62	
33 42 26 16-0080	EA		Toe Plate Extension For 28" x 20" Galvanized Corrugated Steel Pipe-Arch End Section	53.33	
33 42 26 16-0081	EA		Toe Plate Extension For 35" x 24" Galvanized Corrugated Steel Pipe-Arch End Section	93.48	
33 42 26 16-0082	EA		Toe Plate Extension For 42" x 29" Galvanized Corrugated Steel Pipe-Arch End Section	100.59	
33 42 26 16-0083	EA		Toe Plate Extension For 49" x 33" Galvanized Corrugated Steel Pipe-Arch End Section	138.11	
33 42 26 16-0084	EA		Toe Plate Extension For 57" x 38" Galvanized Corrugated Steel Pipe-Arch End Section	153.74	
33 42 26 16-0085	EA		Toe Plate Extension For 64" x 43" Galvanized Corrugated Steel Pipe-Arch End Section	180.54	
33 42 26 16-0086	EA		Toe Plate Extension For 71" x 47" Galvanized Corrugated Steel Pipe-Arch End Section	187.22	
33 42 26 16-0087	EA		Toe Plate Extension For 77" x 52" Galvanized Corrugated Steel Pipe-Arch End Section	216.47	
33 42 26 16-0088	EA		Toe Plate Extension For 83" x 57" Galvanized Corrugated Steel Pipe-Arch End Section	244.84	
33 42 26 16-0089			Corrugated Aluminum Pipe End Sections (33 42 26 16-0001)		
33 42 26 16-0090			Corrugated Aluminum Pipe End Sections (33 42 26 16-0089)		
33 42 26 16-0091	EA		12" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	405.54	65.20
33 42 26 16-0092	EA		15" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	468.10	69.87
33 42 26 16-0093	EA		18" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	556.16	74.52
33 42 26 16-0094	EA		21" Diameter 16 Gauge, Corrugated Aluminum Pipe End Section	691.02	81.51
33 42 26 16-0095	EA		24" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section	905.07	88.49
33 42 26 16-0096	EA		30" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section.....	1,361.88	100.14
33 42 26 16-0097	EA		36" Diameter 14 Gauge, Corrugated Aluminum Pipe End Section.....	1,856.51	120.26
33 42 26 16-0098	EA		36" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,315.04	120.26
33 42 26 16-0099	EA		42" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	2,954.51	140.31
33 42 26 16-1000	EA		48" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section.....	4,222.40	160.36
33 42 26 16-1001	EA		54" Diameter 12 Gauge, Corrugated Aluminum Pipe End Section	4,673.94	200.44
33 42 26 16-1002	EA		60" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	6,303.79	240.53
33 42 26 16-1003	EA		66" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	7,127.95	360.79
33 42 26 16-1004	EA		72" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section.....	8,328.95	481.06
33 42 26 16-1005	EA		78" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	9,097.90	516.14
33 42 26 16-1006	EA		84" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section.....	9,599.04	551.21

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 26 16-0107 EA 90" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section.....	13,153.29	601.33
33 42 26 16-0108 EA 96" Diameter 12 And 10 Gauge, Corrugated Aluminum Pipe End Section.....	14,563.17	651.43
33 42 26 16-0109 Toe Plate Extensions For Corrugated Aluminum Pipe End Section (33 42 26 16-0089)		
33 42 26 16-0110 EA Toe Plate Extension For 12" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section.....	63.49	
33 42 26 16-0111 EA Toe Plate Extension For 15" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section.....	67.36	
33 42 26 16-0112 EA Toe Plate Extension For 18" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section.....	73.18	
33 42 26 16-0113 EA Toe Plate Extension For 21" Diameter, 16 Gauge, Corrugated Aluminum Pipe End Section.....	82.49	
33 42 26 16-0114 EA Toe Plate Extension For 24" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section.....	87.45	
33 42 26 16-0115 EA Toe Plate Extension For 30" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section.....	113.13	
33 42 26 16-0116 EA Toe Plate Extension For 36" Diameter, 14 Gauge, Corrugated Aluminum Pipe End Section.....	135.19	
33 42 26 16-0117 EA Toe Plate Extension For 36" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section.....	142.85	
33 42 26 16-0118 EA Toe Plate Extension For 42" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section.....	156.71	
33 42 26 16-0119 EA Toe Plate Extension For 48" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section.....	177.14	
33 42 26 16-0120 EA Toe Plate Extension For 54" Diameter, 12 Gauge, Corrugated Aluminum Pipe End Section.....	209.61	
33 42 26 16-0121 EA Toe Plate Extension For 60" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	294.70	
33 42 26 16-0122 EA Toe Plate Extension For 66" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	316.87	
33 42 26 16-0123 EA Toe Plate Extension For 72" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	400.40	
33 42 26 16-0124 EA Toe Plate Extension For 78" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	433.16	
33 42 26 16-0125 EA Toe Plate Extension For 84" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	461.49	
33 42 26 16-0126 EA Toe Plate Extension For 90" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	491.31	
33 42 26 16-0127 EA Toe Plate Extension For 96" Diameter, 12 And 10 Gauge, Corrugated Aluminum Pipe End Section	521.43	
33 42 26 16-0128 Corrugated Aluminum Pipe-Arch End Sections (33 42 26 16-0001)		
33 42 26 16-0129 Corrugated Aluminum Pipe-Arch End Sections (33 42 26 16-0128)		
33 42 26 16-0130 EA 17" x 13" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	482.92	69.87
33 42 26 16-0131 EA 21" x 15" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	592.29	74.52
33 42 26 16-0132 EA 24" x 18" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	643.10	81.51
33 42 26 16-0133 EA 28" x 20" 16 Gauge, Corrugated Aluminum Pipe-Arch End Section	693.87	88.49
33 42 26 16-0134 EA 35" x 24" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,045.08	100.14
33 42 26 16-0135 EA 42" x 29" 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,877.58	120.26
33 42 26 16-0136 EA 42" x 29" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	1,993.84	120.26
33 42 26 16-0137 EA 49" x 33" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	2,667.77	140.31
33 42 26 16-0138 EA 57" x 38" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	4,110.74	160.36
33 42 26 16-0139 EA 64" x 43" 12 Gauge, Corrugated Aluminum Pipe-Arch End Section	4,704.26	200.44
33 42 26 16-0140 EA 71" x 47" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	5,688.12	240.53
33 42 26 16-0141 EA 77" x 52" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	9,534.50	360.79
33 42 26 16-0142 EA 83" x 57" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	9,993.31	481.06
33 42 26 16-0143 EA 87" x 63" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	10,882.01	516.14
33 42 26 16-0144 EA 95" x 67" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	11,356.37	551.21
33 42 26 16-0145 EA 103" x 71" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	12,378.46	601.33
33 42 26 16-0146 EA 112" x 75" 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	13,111.53	651.43
33 42 26 16-0147 Toe Plate Extensions For Corrugated Aluminum Pipe-Arch End Section (33 42 26 16-0128)		
33 42 26 16-0148 EA Toe Plate Extension For 17" x 13", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	67.36	
33 42 26 16-0149 EA Toe Plate Extension For 21" x 15", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	73.18	
33 42 26 16-0150 EA Toe Plate Extension For 24" x 18", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	77.13	
33 42 26 16-0151 EA Toe Plate Extension For 28" x 20", 16 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	84.50	
33 42 26 16-0152 EA Toe Plate Extension For 35" x 24", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section	96.29	
33 42 26 16-0153 EA Toe Plate Extension For 42" x 29", 14 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	125.51	
33 42 26 16-0154 EA Toe Plate Extension For 42" x 29", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	137.72	
33 42 26 16-0155 EA Toe Plate Extension For 49" x 33", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	156.71	
33 42 26 16-0156 EA Toe Plate Extension For 57" x 38", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	177.14	
33 42 26 16-0157 EA Toe Plate Extension For 64" x 43", 12 Gauge, Corrugated Aluminum Pipe-Arch End Section.....	209.61	
33 42 26 16-0158 EA Toe Plate Extension For 71" x 47", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	267.54	
33 42 26 16-0159 EA Toe Plate Extension For 77" x 52", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	339.61	
33 42 26 16-0160 EA Toe Plate Extension For 83" x 57", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	457.24	
33 42 26 16-0161 EA Toe Plate Extension For 87" x 63", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	519.68	
33 42 26 16-0162 EA Toe Plate Extension For 95" x 67", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	544.02	
33 42 26 16-0163 EA Toe Plate Extension For 103" x 71", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	563.73	
33 42 26 16-0164 EA Toe Plate Extension For 112" x 75", 12 And 10 Gauge, Corrugated Aluminum Pipe-Arch End Section	587.96	
33 42 26 16-0165 Low Slope Corrugated Steel Pipe End Sections And Accessories (33 42 26 16-0001)		
33 42 26 16-0166 4:1 Corrugated Steel Pipe End Sections (33 42 26 16-0165)		
33 42 26 16-0167 EA 15" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	625.26	69.87
33 42 26 16-0168 EA 18" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	808.07	74.52
33 42 26 16-0169 EA 21" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	991.23	81.51
33 42 26 16-0170 EA 24" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,187.47	88.49
33 42 26 16-0171 EA 30" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,255.14	100.14
33 42 26 16-0172 EA 36" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	1,644.66	120.26
33 42 26 16-0173 EA 42" 16 Gauge, 4:1 Corrugated Steel Pipe End Section	2,610.49	140.31

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
33 42 26 16-0174		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe End Sections <small>(33 42 26 16-0165)</small>			
		Note: Includes nut and bolt set.			
33 42 26 16-0175	EA	3" Diameter Parallel Safety Bar For 15" 4:1 Corrugated Steel Pipe End Section	448.41		
33 42 26 16-0176	EA	3" Diameter Parallel Safety Bar For 18" 4:1 Corrugated Steel Pipe End Section	905.29		
33 42 26 16-0177	EA	3" Diameter Parallel Safety Bar For 21" 4:1 Corrugated Steel Pipe End Section	993.48		
33 42 26 16-0178	EA	3" Diameter Parallel Safety Bar For 24" 4:1 Corrugated Steel Pipe End Section	1,032.49		
33 42 26 16-0179		6:1 Corrugated Steel Pipe End Sections <small>(33 42 26 16-0165)</small>			
33 42 26 16-0180	EA	15" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	655.37	69.87	
33 42 26 16-0181	EA	18" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	862.23	74.52	
33 42 26 16-0182	EA	21" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,150.59	81.51	
33 42 26 16-0183	EA	24" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,353.11	88.49	
33 42 26 16-0184	EA	30" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,606.76	100.14	
33 42 26 16-0185	EA	36" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	1,955.02	120.26	
33 42 26 16-0186	EA	42" 16 Gauge, 6:1 Corrugated Steel Pipe End Section	2,998.80	140.31	
33 42 26 16-0187		3" Diameter Parallel Safety Bar For 6:1 Corrugated Steel Pipe End Sections <small>(33 42 26 16-0165)</small>			
		Note: Includes nut and bolt set.			
33 42 26 16-0188	EA	3" Diameter Parallel Safety Bar For 15" 6:1 Corrugated Steel Pipe End Section	877.61		
33 42 26 16-0189	EA	3" Diameter Parallel Safety Bar For 18" 6:1 Corrugated Steel Pipe End Section	930.91		
33 42 26 16-0190	EA	3" Diameter Parallel Safety Bar For 21" 6:1 Corrugated Steel Pipe End Section	1,023.75		
33 42 26 16-0191	EA	3" Diameter Parallel Safety Bar For 24" 6:1 Corrugated Steel Pipe End Section	1,074.42		
33 42 26 16-0192		Toe Plate Extensions For Low Slope Corrugated Steel Pipe End Section <small>(33 42 26 16-0165)</small>			
33 42 26 16-0193	EA	Toe Plate Extension For 15" Low Slope Corrugated Steel Pipe End Section	75.33		
33 42 26 16-0194	EA	Toe Plate Extension For 18" Low Slope Corrugated Steel Pipe End Section	84.75		
33 42 26 16-0195	EA	Toe Plate Extension For 21" Low Slope Corrugated Steel Pipe End Section	92.27		
33 42 26 16-0196	EA	Toe Plate Extension For 24" Low Slope Corrugated Steel Pipe End Section	103.10		
33 42 26 16-0197	EA	Toe Plate Extension For 30" Low Slope Corrugated Steel Pipe End Section	156.45		
33 42 26 16-0198	EA	Toe Plate Extension For 36" Low Slope Corrugated Steel Pipe End Section	167.94		
33 42 26 16-0199	EA	Toe Plate Extension For 42" Low Slope Corrugated Steel Pipe End Section	226.35		
33 42 26 16-0200		Low Slope Corrugated Steel Pipe-Arch End Sections And Accessories <small>(33 42 26 16-0001)</small>			
33 42 26 16-0201		4:1 Corrugated Steel Pipe-Arch End Section <small>(33 42 26 16-0200)</small>			
33 42 26 16-0202	EA	21" x 15" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	744.65	74.52	
33 42 26 16-0203	EA	24" x 18" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	936.59	81.51	
33 42 26 16-0204	EA	28" x 20" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	1,110.10	88.49	
33 42 26 16-0205	EA	35" x 24" 16 Gauge, 4:1 Corrugated Steel Pipe-Arch End Section	2,104.64	100.14	
33 42 26 16-0206		3" Diameter Parallel Safety Bar For 4:1 Corrugated Steel Pipe-Arch End Sections <small>(33 42 26 16-0200)</small>			
		Note: Includes nut and bolt set.			
33 42 26 16-0207	EA	3" Diameter Parallel Safety Bar For 21" x 15" 4:1 Corrugated Steel Pipe-Arch End Section	535.08		
33 42 26 16-0208	EA	3" Diameter Parallel Safety Bar For 24" x 18" 4:1 Corrugated Steel Pipe-Arch End Section	980.21		
33 42 26 16-0209	EA	3" Diameter Parallel Safety Bar For 28" x 20" 4:1 Corrugated Steel Pipe-Arch End Section	1,032.49		
33 42 26 16-0210	EA	3" Diameter Parallel Safety Bar For 35" x 24" 4:1 Corrugated Steel Pipe-Arch End Section	1,522.66		
33 42 26 16-0211		Toe Plate Extensions For Low Slope Corrugated Steel Pipe-Arch End Section <small>(33 42 26 16-0200)</small>			
33 42 26 16-0212	EA	Toe Plate Extension For 21" x 15" Low Slope Corrugated Steel Pipe-Arch End Section	76.10		
33 42 26 16-0213	EA	Toe Plate Extension For 24" x 18" Low Slope Corrugated Steel Pipe-Arch End Section	86.48		
33 42 26 16-0214	EA	Toe Plate Extension For 28" x 20" Low Slope Corrugated Steel Pipe-Arch End Section	94.28		
33 42 26 16-0215	EA	Toe Plate Extension For 35" x 24" Low Slope Corrugated Steel Pipe-Arch End Section	111.94		
33 42 26 19		Corrugated High-Density Polyethylene (HDPE) End Sections for Stormwater Piping <small>(33 42 26)</small>			
33 42 26 19-0001		Corrugated High Density Polyethylene (HDPE) Pipe End Sections <small>(33 42 26 19)</small>			
33 42 26 19-0002	EA	4" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	61.78	18.31	
33 42 26 19-0003	EA	6" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	120.31	27.48	
33 42 26 19-0004	EA	8" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	165.69	34.34	
33 42 26 19-0005	EA	10" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	260.28	54.95	
33 42 26 19-0006	EA	12" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	311.81	61.82	
33 42 26 19-0007	EA	15" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	330.38	66.41	
33 42 26 19-0008	EA	18" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	398.19	73.28	
33 42 26 19-0009	EA	24" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	520.53	87.01	
33 42 26 19-0010	EA	30" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	1,137.34	98.46	
33 42 26 19-0011	EA	36" End Section, Corrugated High Density Polyethylene (HDPE) Pipe	1,395.35	109.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 26 23 Concrete End Sections for Stormwater Piping (33 42 26)

33 42 26 23-0001	Precast Concrete End Sections (33 42 26 23)		
33 42 26 23-0002	Precast Concrete End Sections (33 42 26 23-0001)		
33 42 26 23-0003	EA 12" Diameter Pipe, Precast Concrete End Section.....	659.55	109.27
33 42 26 23-0004	EA 15" Diameter Pipe, Precast Concrete End Section.....	885.67	135.25
33 42 26 23-0005	EA 18" Diameter Pipe, Precast Concrete End Section.....	1,096.50	171.21
33 42 26 23-0006	EA 21" Diameter Pipe, Precast Concrete End Section.....	1,258.12	204.74
33 42 26 23-0007	EA 24" Diameter Pipe, Precast Concrete End Section.....	1,336.67	236.98
33 42 26 23-0008	EA 27" Diameter Pipe, Precast Concrete End Section.....	1,684.56	298.66
33 42 26 23-0009	EA 30" Diameter Pipe, Precast Concrete End Section.....	2,087.87	448.59
33 42 26 23-0010	EA 36" Diameter Pipe, Precast Concrete End Section.....	2,577.76	566.04
33 42 26 23-0011	EA 42" Diameter Pipe, Precast Concrete End Section.....	3,118.48	710.07
33 42 26 23-0012	EA 48" Diameter Pipe, Precast Concrete End Section.....	3,417.56	800.76
33 42 26 23-0013	EA 54" Diameter Pipe, Precast Concrete End Section.....	3,727.44	896.97
33 42 26 23-0014	EA 60" Diameter Pipe, Precast Concrete End Section.....	4,045.12	997.19
33 42 26 23-0015	EA 66" Diameter Pipe Precast Concrete End Section.....	4,022.92	794.12
33 42 26 23-0016	EA 72" Diameter Pipe Precast Concrete End Section.....	4,605.66	992.63
33 42 26 23-0017	EA 78" Diameter Pipe Precast Concrete End Section.....	5,474.48	1,240.78
33 42 26 23-0018	EA 84" Diameter Pipe Precast Concrete End Section.....	6,477.26	1,488.93

33 42 26 23-0019 Flared Precast Concrete End Sections (33 42 26 23-0001)

33 42 26 23-0020	EA 12" Diameter Pipe, Flared Precast Concrete End Section.....	831.36	116.76
33 42 26 23-0021	EA 15" Diameter Pipe, Flared Precast Concrete End Section.....	1,001.11	145.52
33 42 26 23-0022	EA 18" Diameter Pipe, Flared Precast Concrete End Section.....	1,215.32	184.21
33 42 26 23-0023	EA 21" Diameter Pipe, Flared Precast Concrete End Section.....	1,388.63	220.28
33 42 26 23-0024	EA 24" Diameter Pipe, Flared Precast Concrete End Section.....	1,694.56	254.96
33 42 26 23-0025	EA 27" Diameter Pipe, Flared Precast Concrete End Section.....	2,042.74	407.20
33 42 26 23-0026	EA 30" Diameter Pipe, Flared Precast Concrete End Section.....	2,124.15	560.63
33 42 26 23-0027	EA 36" Diameter Pipe, Flared Precast Concrete End Section.....	2,870.39	707.56
33 42 26 23-0028	EA 42" Diameter Pipe, Flared Precast Concrete End Section.....	3,444.11	887.75
33 42 26 23-0029	EA 48" Diameter Pipe, Flared Precast Concrete End Section.....	3,726.35	1,001.20
33 42 26 23-0030	EA 54" Diameter Pipe, Flared Precast Concrete End Section.....	4,167.95	1,121.37
33 42 26 23-0031	EA 60" Diameter Pipe, Flared Precast Concrete End Section.....	4,617.85	1,245.55
33 42 26 23-0032	EA 66" Diameter Pipe, Flared Precast Concrete End Section.....	5,386.34	1,435.06
33 42 26 23-0033	EA 72" Diameter Pipe, Flared Precast Concrete End Section.....	6,283.08	1,601.72
33 42 26 23-0034	EA 78" Diameter Pipe, Flared Precast Concrete End Section.....	7,124.91	1,801.87
33 42 26 23-0035	EA 84" Diameter Pipe, Flared Precast Concrete End Section.....	8,219.60	2,001.81

33 42 26 23-0036 Elliptical Precast Concrete End Sections (33 42 26 23-0001)

33 42 26 23-0037	EA 14" x 23" Elliptical Precast Concrete End Section	1,450.00	184.21
33 42 26 23-0038	EA 18" x 24" Elliptical Precast Concrete End Section	1,653.11	220.28
33 42 26 23-0039	EA 19" x 30" Elliptical Precast Concrete End Section	2,022.49	254.96
33 42 26 23-0040	EA 22" x 34" Elliptical Precast Concrete End Section	2,400.59	407.20
33 42 26 23-0041	EA 24" x 38" Elliptical Precast Concrete End Section	2,444.71	560.63
33 42 26 23-0042	EA 27" x 42" Elliptical Precast Concrete End Section	2,883.57	634.40
33 42 26 23-0043	EA 29" x 45" Elliptical Precast Concrete End Section	3,322.41	707.56
33 42 26 23-0044	EA 34" x 53" Elliptical Precast Concrete End Section	3,971.96	887.75
33 42 26 23-0045	EA 38" x 60" Elliptical Precast Concrete End Section	4,282.13	1,001.20
33 42 26 23-0046	EA 43" x 68" Elliptical Precast Concrete End Section	4,789.05	1,121.37
33 42 26 23-0047	EA 48" x 76" Elliptical Precast Concrete End Section	5,304.62	1,245.55

33 42 31 Stormwater Area Drains and Inlets (33 42)

33 42 31 00-0001	Storm Drains (33 42 31)		
33 42 31 00-0002	Catch Basins And Inlet Basins (33 42 31 00-0001) Note: Includes base slab, opening and grout. Excludes frame, grate, excavation and backfill.		
33 42 31 00-0003	Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0002) Note: Inside dimensions.		
33 42 31 00-0004	3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)		
33 42 31 00-0005	EA 2' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,643.59	317.34
33 42 31 00-0006	EA 3' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	1,958.58	371.83
33 42 31 00-0007	EA 4' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,273.56	426.22
33 42 31 00-0008	EA 5' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,588.55	480.69
33 42 31 00-0009	EA 6' Deep, 3' x 3' x 4" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,903.54	535.08
33 42 31 00-0010	3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)		
33 42 31 00-0011	EA 2' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,064.05	315.44
33 42 31 00-0012	EA 3' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,565.95	420.58
33 42 31 00-0013	EA 4' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,294.82	573.51
33 42 31 00-0014	EA 5' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,998.85	669.09
33 42 31 00-0015	EA 6' Deep, 3'-8" x 3'-8" x 6" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,576.80	764.68

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 42 31 00-0016	4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basins (33 42 31 00-0003)		
33 42 31 00-0017	EA 2' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	2,215.71	344.10
33 42 31 00-0018	EA 3' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,067.24	477.93
33 42 31 00-0019	EA 4' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	3,769.16	621.31
33 42 31 00-0020	EA 5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	4,353.24	716.89
33 42 31 00-0021	EA 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Grate Drop Inlet Basin	5,526.41	917.62
33 42 31 00-0022	Cast In Place, Catch Basin (33 42 31 00-0002)		
	Note: Inside span, overall depth. Includes concrete, forms, rebar (where required), finish and curing.		
33 42 31 00-0023	3' x 3', Cast In Place, Catch Basins (33 42 31 00-0002)		
33 42 31 00-0024	EA 3' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,089.82	383.68
33 42 31 00-0025	EA 3'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,213.67	407.96
33 42 31 00-0026	EA 4' Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,437.94	438.16
33 42 31 00-0027	EA 4'-6" Deep, 3' x 3' x 6" Thick Wall, Cast In Place, Catch Basin	2,727.01	485.00
33 42 31 00-0028	EA 5' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	2,959.32	516.26
33 42 31 00-0029	EA 5'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,094.44	541.40
33 42 31 00-0030	EA 6' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,326.93	572.65
33 42 31 00-0031	EA 6'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,458.99	597.88
33 42 31 00-0032	EA 7' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,693.01	629.05
33 42 31 00-0033	EA 7'-6" Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	3,826.59	654.28
33 42 31 00-0034	EA 8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	4,058.98	685.54
33 42 31 00-0035	VLF >8' Deep, 3' x 3' x 8" Thick Wall, Cast In Place, Catch Basin	507.40	85.65
33 42 31 00-0036	3' x 6', Cast In Place, Catch Basins (33 42 31 00-0002)		
33 42 31 00-0037	EA 6' Deep, 3' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	4,385.57	784.85
33 42 31 00-0038	EA 7' Deep, 3' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	4,869.52	864.95
33 42 31 00-0039	EA 8' Deep, 3' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,351.94	945.05
33 42 31 00-0040	EA 9' Deep, 3' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	5,830.47	1,025.25
33 42 31 00-0041	EA 10' Deep, 3' x 6' x 8" Thick Wall, Cast In Place, Catch Basin	6,319.65	1,105.35
33 42 31 00-0042	3'-6" x 3'-6", Cast In Place, Catch Basins (33 42 31 00-0002)		
33 42 31 00-0043	EA 3' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,397.38	443.52
33 42 31 00-0044	EA 3'-6" Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,554.65	474.67
33 42 31 00-0045	EA 4' Deep, 3'-6" x 3'-6" x 6" Thick Wall, Cast In Place, Catch Basin	2,786.89	505.93
33 42 31 00-0046	EA 4'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,124.53	560.32
33 42 31 00-0047	EA 5' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,377.60	595.69
33 42 31 00-0048	EA 5'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,533.32	625.03
33 42 31 00-0049	EA 6' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,789.26	660.40
33 42 31 00-0050	EA 6'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	3,944.98	689.74
33 42 31 00-0051	EA 7' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,199.50	725.11
33 42 31 00-0052	EA 7'-6" Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,355.11	754.46
33 42 31 00-0053	EA 8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,609.72	789.82
33 42 31 00-0054	VLF >8' Deep, 3'-6" x 3'-6" x 8" Thick Wall, Cast In Place, Catch Basin	576.24	98.74
33 42 31 00-0055	4' x 4', Cast In Place, Catch Basins (33 42 31 00-0002)		
33 42 31 00-0056	EA 3' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,726.70	507.37
33 42 31 00-0057	EA 3'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	2,891.93	539.58
33 42 31 00-0058	EA 4' Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,156.06	577.72
33 42 31 00-0059	EA 4'-6" Deep, 4' x 4' x 6" Thick Wall, Cast In Place, Catch Basin	3,542.83	639.75
33 42 31 00-0060	EA 5' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,819.46	679.23
33 42 31 00-0061	EA 5'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	3,997.11	712.78
33 42 31 00-0062	EA 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,273.73	752.26
33 42 31 00-0063	EA 6'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,451.48	785.81
33 42 31 00-0064	EA 7' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,728.11	825.28
33 42 31 00-0065	EA 7'-6" Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	4,905.76	858.84
33 42 31 00-0066	EA 8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	5,182.38	898.41
33 42 31 00-0067	VLF >8' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Catch Basin	647.76	112.31
33 42 31 00-0068	4'-6" x 4'-6", Cast In Place, Catch Basins (33 42 31 00-0002)		
33 42 31 00-0069	EA 3' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,146.70	588.33
33 42 31 00-0070	EA 3'-6" Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,339.89	621.59
33 42 31 00-0071	EA 4' Deep, 4'-6" x 4'-6" x 6" Thick Wall, Cast In Place, Catch Basin	3,630.65	664.61
33 42 31 00-0072	EA 4'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,071.83	735.14
33 42 31 00-0073	EA 5' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,377.08	779.69
33 42 31 00-0074	EA 5'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,583.47	818.21
33 42 31 00-0075	EA 6' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	4,888.64	862.76
33 42 31 00-0076	EA 6'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,095.01	901.37
33 42 31 00-0077	EA 7' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,400.28	945.91
33 42 31 00-0078	EA 7'-6" Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,605.11	984.43
33 42 31 00-0079	EA 8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	5,911.82	1,028.98
33 42 31 00-0080	VLF >8' Deep, 4'-6" x 4'-6" x 8" Thick Wall, Cast In Place, Catch Basin	739.02	128.66
33 42 31 00-0081	5' x 5', Cast In Place, Catch Basins (33 42 31 00-0002)		
33 42 31 00-0082	EA 4' Deep, 5' x 5' x 6" Thick Wall, Cast In Place, Catch Basin	4,056.21	746.24

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0083 EA 4'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	4,547.56	824.62
33 42 31 00-0084 EA 5' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	4,876.77	873.46
33 42 31 00-0085 EA 5'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,105.56	916.28
33 42 31 00-0086 EA 6' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,431.80	965.03
33 42 31 00-0087 EA 6'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,662.11	1,007.85
33 42 31 00-0088 EA 7' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,989.79	1,056.69
33 42 31 00-0089 EA 7'-6" Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,217.14	1,099.52
33 42 31 00-0090 EA 8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,546.34	1,148.27
33 42 31 00-0091 VLF >8' Deep, 5' x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	1,277.66	143.57
33 42 31 00-0092 5'-6" x 5'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0093 EA 4' Deep, 5'-6" x 5'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	4,502.57	832.17
33 42 31 00-0094 EA 4'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,221.45	942.01
33 42 31 00-0095 EA 5' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	5,584.18	996.28
33 42 31 00-0096 EA 5'-6" Deep, 5'-6" x 5' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,846.47	1,044.94
33 42 31 00-0097 EA 6' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,210.63	1,099.61
33 42 31 00-0098 EA 6'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,474.46	1,148.27
33 42 31 00-0099 EA 7' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,837.19	1,202.94
33 42 31 00-100 EA 7'-6" Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,099.49	1,251.59
33 42 31 00-0101 EA 8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,462.22	1,306.27
33 42 31 00-0102 VLF >8' Deep, 5'-6" x 5'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	932.77	163.25
33 42 31 00-0103 6' x 6', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0104 EA 4' Deep, 6' x 6' x 6" Thick Wall, Cast In Place, Catch Basin.....	4,972.49	922.11
33 42 31 00-0105 EA 4'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	5,764.81	1,042.64
33 42 31 00-0106 EA 5' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,152.05	1,101.72
33 42 31 00-0107 EA 5'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,438.97	1,154.77
33 42 31 00-0108 EA 6' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	6,824.67	1,213.83
33 42 31 00-0109 EA 6'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,113.02	1,266.89
33 42 31 00-0110 EA 7' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,498.83	1,325.96
33 42 31 00-0111 EA 7'-6" Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,785.65	1,379.01
33 42 31 00-0112 EA 8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	8,172.88	1,438.09
33 42 31 00-0113 VLF >8' Deep, 6' x 6' x 8" Thick Wall, Cast In Place, Catch Basin.....	1,021.66	179.80
33 42 31 00-0114 6'-6" x 6'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0115 EA 4' Deep, 6'-6" x 6'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	5,462.99	1,016.35
33 42 31 00-0116 EA 4'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,554.75	1,177.51
33 42 31 00-0117 EA 5' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	6,978.85	1,242.90
33 42 31 00-0118 EA 5'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,303.97	1,302.25
33 42 31 00-0119 EA 6' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,728.08	1,367.54
33 42 31 00-0120 EA 6'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,053.21	1,426.99
33 42 31 00-0121 EA 7' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,477.31	1,492.28
33 42 31 00-0122 EA 7'-6" Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,802.43	1,551.64
33 42 31 00-0123 EA 8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	9,227.98	1,617.02
33 42 31 00-0124 VLF >8' Deep, 6'-6" x 6'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	1,153.45	202.17
33 42 31 00-0125 7' x 7', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0126 EA 4' Deep, 7' x 7' x 6" Thick Wall, Cast In Place, Catch Basin.....	5,975.81	1,114.71
33 42 31 00-0127 EA 4'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,171.08	1,290.59
33 42 31 00-0128 EA 5' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,620.27	1,360.56
33 42 31 00-0129 EA 5'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	7,969.14	1,424.41
33 42 31 00-0130 EA 6' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	8,419.78	1,494.29
33 42 31 00-0131 EA 6'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	8,768.66	1,558.23
33 42 31 00-0132 EA 7' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	9,217.86	1,628.11
33 42 31 00-0133 EA 7'-6" Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	9,568.26	1,692.05
33 42 31 00-0134 EA 8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	10,017.36	1,761.92
33 42 31 00-0135 VLF >8' Deep, 7' x 7' x 8" Thick Wall, Cast In Place, Catch Basin.....	1,252.22	220.22
33 42 31 00-0136 7'-6" x 7'-6", Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0137 EA 4' Deep, 7'-6" x 7'-6" x 6" Thick Wall, Cast In Place, Catch Basin.....	6,765.75	1,251.11
33 42 31 00-0138 EA 4'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	7,812.60	1,408.26
33 42 31 00-0139 EA 5' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,285.45	1,482.72
33 42 31 00-0140 EA 5'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	8,660.94	1,551.15
33 42 31 00-0141 EA 6' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	9,135.24	1,625.62
33 42 31 00-0142 EA 6'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	9,510.74	1,694.06
33 42 31 00-0143 EA 7' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	9,983.58	1,768.52
33 42 31 00-0144 EA 7'-6" Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	10,359.08	1,836.96
33 42 31 00-0145 EA 8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	10,833.47	1,911.42
33 42 31 00-0146 VLF >8' Deep, 7'-6" x 7'-6" x 8" Thick Wall, Cast In Place, Catch Basin.....	1,354.14	238.96
33 42 31 00-0147 8' x 8', Cast In Place, Catch Basins (33 42 31 00-0022)		
33 42 31 00-0148 EA 4' Deep, 8' x 8' x 6" Thick Wall, Cast In Place, Catch Basin.....	7,347.24	1,361.23
33 42 31 00-0149 EA 4'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin.....	8,477.67	1,530.51
33 42 31 00-0150 EA 5' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin.....	8,975.81	1,609.47
33 42 31 00-0151 EA 5'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin.....	9,376.39	1,682.49

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0152	EA		6' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	9,874.43	1,761.45
33 42 31 00-0153	EA		6'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,271.94	1,834.47
33 42 31 00-0154	EA		7' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	10,773.05	1,913.43
33 42 31 00-0155	EA		7'-6" Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,173.65	1,986.45
33 42 31 00-0156	EA		8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	11,663.20	2,065.40
33 42 31 00-0157	VLF		>8' Deep, 8' x 8' x 8" Thick Wall, Cast In Place, Catch Basin	1,458.96	258.17
33 42 31 00-0158			Precast Concrete Catch Basins (33 42 31 00-0002)		
			Note: Inside dimensions.		
33 42 31 00-0159			1'-6" Diameter Precast Catch Basins (33 42 31 00-0158)		
33 42 31 00-0160	EA		4' Deep, 1'-6" Diameter Precast Catch Basins	627.54	204.57
33 42 31 00-0161	EA		6' Deep, 1'-6" Diameter Precast Catch Basins	878.04	306.84
33 42 31 00-0162	EA		8' Deep, 1'-6" Diameter Precast Catch Basins	1,117.00	398.89
33 42 31 00-0163	EA		10' Deep, 1'-6" Diameter Precast Catch Basins	1,335.44	471.51
33 42 31 00-0164	EA		12' Deep, 1'-6" Diameter Precast Catch Basins	1,648.96	598.35
33 42 31 00-0165	EA		14' Deep, 1'-6" Diameter Precast Catch Basins	1,887.89	690.40
33 42 31 00-0166	VLF		Vertical Linear Foot Over 14' Deep, 1'-6" Diameter Precast Catch Basins	131.89	46.03
33 42 31 00-0167			2' Diameter Precast Catch Basins (33 42 31 00-0158)		
33 42 31 00-0168	EA		4' Deep, 2' Diameter Precast Catch Basin	713.76	227.58
33 42 31 00-0169	EA		6' Deep, 2' Diameter Precast Catch Basin	993.29	337.53
33 42 31 00-0170	EA		8' Deep, 2' Diameter Precast Catch Basin	1,258.54	444.92
33 42 31 00-0171	EA		10' Deep, 2' Diameter Precast Catch Basin	1,499.52	519.08
33 42 31 00-0172	EA		12' Deep, 2' Diameter Precast Catch Basin	1,863.42	664.83
33 42 31 00-0173	EA		14' Deep, 2' Diameter Precast Catch Basin	2,130.72	767.11
33 42 31 00-0174	VLF		Vertical Linear Foot Over 14' Deep, 2' Diameter Precast Catch Basin	148.92	55.23
33 42 31 00-0175			3' Diameter Precast Catch Basins (33 42 31 00-0158)		
33 42 31 00-0176	EA		4' Deep, 3' Diameter Precast Catch Basin	933.59	268.49
33 42 31 00-0177	EA		6' Deep, 3' Diameter Precast Catch Basin	1,282.06	396.86
33 42 31 00-0178	EA		8' Deep, 3' Diameter Precast Catch Basin	1,617.45	524.19
33 42 31 00-0179	EA		10' Deep, 3' Diameter Precast Catch Basin	2,014.31	654.60
33 42 31 00-0180	EA		12' Deep, 3' Diameter Precast Catch Basin	2,381.80	780.40
33 42 31 00-0181	EA		14' Deep, 3' Diameter Precast Catch Basin	2,737.79	908.26
33 42 31 00-0182	VLF		Vertical Linear Foot Over 14' Deep, 3' Diameter Precast Catch Basin	188.97	64.88
33 42 31 00-0183			4' Diameter Precast Catch Basins (33 42 31 00-0158)		
33 42 31 00-0184	EA		4' Deep, 4' Diameter Precast Catch Basin	1,122.63	298.66
33 42 31 00-0185	EA		6' Deep, 4' Diameter Precast Catch Basin	1,465.44	409.12
33 42 31 00-0186	EA		8' Deep, 4' Diameter Precast Catch Basin	1,979.32	613.69
33 42 31 00-0187	EA		10' Deep, 4' Diameter Precast Catch Basin	2,470.09	767.11
33 42 31 00-0188	EA		12' Deep, 4' Diameter Precast Catch Basin	2,923.19	920.53
33 42 31 00-0189	EA		14' Deep, 4' Diameter Precast Catch Basin	3,363.77	1,073.96
33 42 31 00-0190	VLF		Vertical Linear Foot Over 14' Deep, 4' Diameter Precast Catch Basin	231.63	76.71
33 42 31 00-0191			5' Diameter Precast Catch Basins (33 42 31 00-0158)		
33 42 31 00-0192	EA		4' Deep, 5' Diameter Precast Catch Basin	1,513.14	409.12
33 42 31 00-0193	EA		6' Deep, 5' Diameter Precast Catch Basin	2,085.34	613.69
33 42 31 00-0194	EA		8' Deep, 5' Diameter Precast Catch Basin	2,660.55	818.25
33 42 31 00-0195	EA		10' Deep, 5' Diameter Precast Catch Basin	3,258.51	1,022.81
33 42 31 00-0196	EA		12' Deep, 5' Diameter Precast Catch Basin	3,848.91	1,227.37
33 42 31 00-0197	EA		14' Deep, 5' Diameter Precast Catch Basin	4,482.37	1,431.94
33 42 31 00-0198	VLF		Vertical Linear Foot Over 14' Deep, 5' Diameter Precast Catch Basin	308.24	102.28
33 42 31 00-0199			6' Diameter Precast Catch Basins (33 42 31 00-0158)		
33 42 31 00-0200	EA		4' Deep, 6' Diameter Precast Catch Basin	2,217.85	613.69
33 42 31 00-0201	EA		6' Deep, 6' Diameter Precast Catch Basin	3,029.20	920.53
33 42 31 00-0202	EA		8' Deep, 6' Diameter Precast Catch Basin	3,893.52	1,227.37
33 42 31 00-0203	EA		10' Deep, 6' Diameter Precast Catch Basin	4,853.65	1,534.22
33 42 31 00-0204	EA		12' Deep, 6' Diameter Precast Catch Basin	5,787.28	1,841.06
33 42 31 00-0205	EA		14' Deep, 6' Diameter Precast Catch Basin	6,702.39	2,147.90
33 42 31 00-0206	VLF		Vertical Linear Foot Over 14' Deep, 6' Diameter Precast Catch Basin	459.71	153.43
33 42 31 00-0207			Precast Catch Basins Accessories (33 42 31 00-0158)		
33 42 31 00-0208	EA		Single Or Double Wing Slab Top With Throat	1,414.85	664.83
33 42 31 00-0209	EA		4' x 4' Weir Box, Precast Catch Basin	592.16	81.82
33 42 31 00-0210	EA		4' Diameter Inlet Round To Square Adapter, Precast Catch Basin	343.88	86.94
33 42 31 00-0211	EA		3' Diameter, Up To 6" High, Precast Extension Ring	433.39	127.85
			For Each Additional Inch In Height, Add	50.97	
33 42 31 00-0212	EA		4' Diameter, Up To 6" High, Precast Extension Ring	511.91	153.43
			For Each Additional Inch In Height, Add	59.72	
33 42 31 00-0213	EA		5' Diameter, Up To 6" High, Precast Extension Ring	596.99	178.99
			For Each Additional Inch In Height, Add	69.70	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0214 EA 6' Diameter, Up To 6" High, Precast Extension Ring..... <i>For Each Additional Inch In Height, Add</i>	755.62 83.36	255.70
33 42 31 00-0215 EA Adjust Existing Catch Basin Inlet Grate To Match Grade	613.65	
33 42 31 00-0216 Catch Basin Risers <small>(33 42 31 00-0158)</small>		
33 42 31 00-0217 EA Up To 860 Square Inch, Up To 2" Rise, Catch Basin Riser	394.84	
33 42 31 00-0218 EA >860 To 1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	442.00	
33 42 31 00-0219 EA >1140 Square Inch, Up To 2" Rise, Catch Basin Riser.....	498.12	
33 42 31 00-0220 EA Up To 860 Square Inch, >2" To 3" Rise, Catch Basin Riser	425.22	
33 42 31 00-0221 EA >860 To 1140 Square Inch, >2" To 3" Rise, Catch Basin Riser.....	475.55	
33 42 31 00-0222 EA >1140 Square Inch, >2" To 3" Rise, Catch Basin Riser	537.75	
33 42 31 00-0223 EA Up To 860 Square Inch, >3" To 4" Rise, Catch Basin Riser	470.95	
33 42 31 00-0224 EA >860 To 1140 Square Inch, >3" To 4" Rise, Catch Basin Riser.....	515.61	
33 42 31 00-0225 EA >1140 Square Inch, >3" To 4" Rise, Catch Basin Riser	578.02	
33 42 31 00-0226 Cast In Place, Storm Drain Cleanout <small>(33 42 31 00-0002)</small>		
Note: Inside span.		
33 42 31 00-0227 EA 6' Deep, 4' x 4' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,389.22	756.85
33 42 31 00-0228 EA 6' Deep, 4' x 5' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	4,992.63	863.71
33 42 31 00-0229 EA 6' Deep, 4' x 6' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	5,670.51	980.23
33 42 31 00-0230 EA 7' Deep, 4' x 7' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	6,803.35	1,175.89
33 42 31 00-0231 EA 8' Deep, 4' x 8' x 8" Thick Wall, Cast In Place, Storm Drain Cleanout	8,262.32	1,419.63
33 42 31 00-0232 Precast Concrete Inlet Boxes <small>(33 42 31 00-0002)</small>		
Note: Inside dimensions.		
33 42 31 00-0233 Precast Concrete Inlet Boxes <small>(33 42 31 00-0232)</small>		
33 42 31 00-0234 24" x 24" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0233)</small>		
Note: Yard inlet.		
33 42 31 00-0235 24" x 24" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0234)</small>		
33 42 31 00-0236 EA 24" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	812.88	71.59
33 42 31 00-0237 EA 30" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	955.18	86.94
33 42 31 00-0238 EA 36" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	1,097.49	102.28
33 42 31 00-0239 EA 42" Height, 24" x 24" ID, Precast Concrete Inlet Box.....	1,241.05	118.27
33 42 31 00-0240 24" x 24" ID, Precast Concrete Inlet Box Risers <small>(33 42 31 00-0234)</small>		
33 42 31 00-0241 EA 6" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	198.55	
33 42 31 00-0242 EA 12" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	325.51	
33 42 31 00-0243 EA 18" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	462.69	
33 42 31 00-0244 EA 24" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	599.89	
33 42 31 00-0245 EA 30" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	737.06	
33 42 31 00-0246 EA 36" Height, 24" x 24" ID, Precast Concrete Inlet Box Riser	874.26	
33 42 31 00-0247 22" x 48" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0233)</small>		
33 42 31 00-0248 22" x 48" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0247)</small>		
33 42 31 00-0249 EA 36" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,655.90	200.44
33 42 31 00-0250 EA 42" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	1,861.57	231.76
33 42 31 00-0251 EA 48" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,067.25	263.08
33 42 31 00-0252 EA 54" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,273.06	294.48
33 42 31 00-0253 EA 60" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,478.90	325.87
33 42 31 00-0254 EA 66" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,684.71	357.26
33 42 31 00-0255 EA 72" Height, 22" x 48" ID, Precast Concrete Inlet Box.....	2,890.54	388.65
33 42 31 00-0256 22" x 48" ID, Precast Concrete Inlet Box Risers <small>(33 42 31 00-0247)</small>		
33 42 31 00-0257 EA 6" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	388.41	
33 42 31 00-0258 EA 12" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	633.63	
33 42 31 00-0259 EA 18" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	684.80	
33 42 31 00-0260 EA 24" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	878.98	
33 42 31 00-0261 EA 30" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,073.15	
33 42 31 00-0262 EA 36" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,259.09	
33 42 31 00-0263 EA 42" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,464.76	
33 42 31 00-0264 EA 48" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,670.44	
33 42 31 00-0265 EA 54" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	1,876.25	
33 42 31 00-0266 EA 60" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,082.09	
33 42 31 00-0267 EA 66" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,287.90	
33 42 31 00-0268 EA 72" Height, 22" x 48" ID, Precast Concrete Inlet Box Riser	2,493.72	
33 42 31 00-0269 30" x 48" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0233)</small>		
33 42 31 00-0270 30" x 48" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0269)</small>		
33 42 31 00-0271 EA 36" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,591.49	220.49
33 42 31 00-0272 EA 42" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	1,796.92	254.93
33 42 31 00-0273 EA 48" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,002.34	289.39

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0274 EA 54" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,207.94	323.92
33 42 31 00-0275 EA 60" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,413.53	358.46
33 42 31 00-0276 EA 66" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,619.12	392.99
33 42 31 00-0277 EA 72" Height, 30" x 48" ID, Precast Concrete Inlet Box.....	2,824.72	427.53
33 42 31 00-0278 30" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0269)		
33 42 31 00-0279 EA 6" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	384.18	
33 42 31 00-0280 EA 12" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	620.02	
33 42 31 00-0281 EA 18" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	672.16	
33 42 31 00-0282 EA 24" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	861.80	
33 42 31 00-0283 EA 30" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,051.45	
33 42 31 00-0284 EA 36" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,240.09	
33 42 31 00-0285 EA 42" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,442.75	
33 42 31 00-0286 EA 48" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,644.43	
33 42 31 00-0287 EA 54" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	1,847.11	
33 42 31 00-0288 EA 60" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	2,048.77	
33 42 31 00-0289 EA 66" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	2,251.44	
33 42 31 00-0290 EA 72" Height, 30" x 48" ID, Precast Concrete Inlet Box Riser.....	2,454.12	
33 42 31 00-0291 42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0233)		
33 42 31 00-0292 42" x 48" ID, Precast Concrete Inlet Boxes (33 42 31 00-0291)		
33 42 31 00-0293 EA 36" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	1,897.15	240.53
33 42 31 00-0294 EA 42" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,138.60	279.61
33 42 31 00-0295 EA 48" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,380.04	319.70
33 42 31 00-0296 EA 54" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,620.48	358.79
33 42 31 00-0297 EA 60" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	2,861.94	398.88
33 42 31 00-0298 EA 66" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	3,103.38	437.96
33 42 31 00-0299 EA 72" Height, 42" x 48" ID, Precast Concrete Inlet Box.....	3,343.82	477.05
33 42 31 00-0300 42" x 48" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0291)		
33 42 31 00-0301 EA 6" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	425.81	
33 42 31 00-0302 EA 12" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	701.28	
33 42 31 00-0303 EA 18" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	754.90	
33 42 31 00-0304 EA 24" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	970.80	
33 42 31 00-0305 EA 30" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,186.69	
33 42 31 00-0306 EA 36" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,402.58	
33 42 31 00-0307 EA 42" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,631.99	
33 42 31 00-0308 EA 48" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	1,861.41	
33 42 31 00-0309 EA 54" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,090.83	
33 42 31 00-0310 EA 60" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,320.26	
33 42 31 00-0311 EA 66" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,549.67	
33 42 31 00-0312 EA 72" Height, 42" x 48" ID, Precast Concrete Inlet Box Riser.....	2,779.09	
33 42 31 00-0313 42" x 48" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0291)		
33 42 31 00-0314 EA 42" x 48" ID, Precast Concrete Inlet Box Top Slab.....	1,073.48	150.33
33 42 31 00-0315 48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0233)		
33 42 31 00-0316 48" x 54" ID, Precast Concrete Inlet Boxes (33 42 31 00-0315)		
33 42 31 00-0317 EA 36" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	2,706.37	267.26
33 42 31 00-0318 EA 42" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,030.85	311.18
33 42 31 00-0319 EA 48" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,355.33	355.11
33 42 31 00-0320 EA 54" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	3,679.49	398.88
33 42 31 00-0321 EA 60" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	4,003.65	442.65
33 42 31 00-0322 EA 66" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	4,327.81	486.41
33 42 31 00-0323 EA 72" Height, 48" x 54" ID, Precast Concrete Inlet Box.....	4,651.98	530.19
33 42 31 00-0324 48" x 54" ID, Precast Concrete Inlet Box Risers (33 42 31 00-0315)		
33 42 31 00-0325 EA 6" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	427.04	
33 42 31 00-0326 EA 12" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	690.38	
33 42 31 00-0327 EA 18" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,010.53	
33 42 31 00-0328 EA 24" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,330.67	
33 42 31 00-0329 EA 30" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,634.11	
33 42 31 00-0330 EA 36" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	1,954.24	
33 42 31 00-0331 EA 42" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,278.73	
33 42 31 00-0332 EA 48" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,603.20	
33 42 31 00-0333 EA 54" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	2,927.36	
33 42 31 00-0334 EA 60" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	3,251.52	
33 42 31 00-0335 EA 66" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	3,575.69	
33 42 31 00-0336 EA 72" Height, 48" x 54" ID, Precast Concrete Inlet Box Riser.....	3,899.85	
33 42 31 00-0337 48" x 54" ID, Precast Concrete Inlet Box Tops (33 42 31 00-0315)		
33 42 31 00-0338 EA 48" x 54" ID, Precast Concrete Inlet Box Top Slab.....	1,166.80	162.86

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0339 48" x 66" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0233)</small>		
33 42 31 00-0340 48" x 66" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0339)</small>		
33 42 31 00-0341 EA 36" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,114.23	336.74
33 42 31 00-0342 EA 42" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,469.42	393.00
33 42 31 00-0343 EA 48" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	3,824.60	449.26
33 42 31 00-0344 EA 54" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,179.18	505.22
33 42 31 00-0345 EA 60" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,533.75	561.17
33 42 31 00-0346 EA 66" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	4,888.32	617.11
33 42 31 00-0347 EA 72" Height, 48" x 66" ID, Precast Concrete Inlet Box.....	5,242.88	673.07
33 42 31 00-0348 48" x 66" ID, Precast Concrete Inlet Box Risers <small>(33 42 31 00-0339)</small>		
33 42 31 00-0349 EA 6" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	467.16	
33 42 31 00-0350 EA 12" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	737.89	
33 42 31 00-0351 EA 18" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,092.80	
33 42 31 00-0352 EA 24" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,447.71	
33 42 31 00-0353 EA 30" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	1,774.56	
33 42 31 00-0354 EA 36" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,129.47	
33 42 31 00-0355 EA 42" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,484.66	
33 42 31 00-0356 EA 48" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	2,839.85	
33 42 31 00-0357 EA 54" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,194.42	
33 42 31 00-0358 EA 60" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,548.99	
33 42 31 00-0359 EA 66" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	3,903.56	
33 42 31 00-0360 EA 72" Height, 48" x 66" ID, Precast Concrete Inlet Box Riser	4,258.12	
33 42 31 00-0361 48" x 66" ID, Precast Concrete Inlet Box Tops <small>(33 42 31 00-0339)</small>		
33 42 31 00-0362 EA 48" x 66" ID, Precast Concrete Inlet Box Top Slab.....	1,296.94	182.41
33 42 31 00-0363 42" x 102" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0233)</small>		
33 42 31 00-0364 42" x 102" ID, Precast Concrete Inlet Boxes <small>(33 42 31 00-0363)</small>		
33 42 31 00-0365 EA 36" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	3,893.83	453.99
33 42 31 00-0366 EA 42" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,342.56	529.16
33 42 31 00-0367 EA 48" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	4,791.30	603.33
33 42 31 00-0368 EA 54" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	5,239.04	678.50
33 42 31 00-0369 EA 60" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	5,687.77	752.66
33 42 31 00-0370 EA 66" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	6,135.51	826.82
33 42 31 00-0371 EA 72" Height, 42" x 102" ID, Precast Concrete Inlet Box.....	6,585.25	901.98
33 42 31 00-0372 42" x 102" ID, Precast Concrete Inlet Box Risers <small>(33 42 31 00-0363)</small>		
33 42 31 00-0373 EA 6" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	623.12	
33 42 31 00-0374 EA 12" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	967.64	
33 42 31 00-0375 EA 18" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,409.36	
33 42 31 00-0376 EA 24" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	1,851.08	
33 42 31 00-0377 EA 30" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,263.73	
33 42 31 00-0378 EA 36" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	2,705.47	
33 42 31 00-0379 EA 42" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,154.20	
33 42 31 00-0380 EA 48" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	3,602.94	
33 42 31 00-0381 EA 54" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,050.68	
33 42 31 00-0382 EA 60" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,499.41	
33 42 31 00-0383 EA 66" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	4,947.15	
33 42 31 00-0384 EA 72" Height, 42" x 102" ID, Precast Concrete Inlet Box Riser	5,395.89	
33 42 31 00-0385 42" x 102" ID, Precast Concrete Inlet Box Tops <small>(33 42 31 00-0363)</small>		
33 42 31 00-0386 EA 42" x 102" ID, Precast Concrete Inlet Box Top Slab.....	1,778.44	200.44
33 42 31 00-0387 Frames And Grates For Inlets <small>(33 42 31 00-0232)</small>		
33 42 31 00-0388 Inlet Frames And Grates <small>(33 42 31 00-0387)</small>		
33 42 31 00-0389 EA 24" x 24", Heavy Duty Inlet Grate	396.88	46.58
Note: For type A, B, D, or E inlets.		
33 42 31 00-0390 EA 47-3/4" x 21-3/4", Bicycle Safe Inlet Grate (US Foundry 6352 GRT).....	517.62	46.58
Note: For type A, B, D, or E inlets.		
33 42 31 00-0391 EA 47-3/4" x 21-3/4", Phase II Stormwater Compliant Inlet Grate (US Foundry 6352 GRT).....	517.62	46.58
Note: Includes legend: Dump No Waste "Drains To Waterways".		
33 42 31 00-0392 EA Phase II Storm Water Compliant Grate, Echo Grate, Type "B" And "D" Inlet Covers (US Foundry 6352 GRT	517.62	46.58
Note: Legend: Dump No Waste "Drains to Waterways"		
33 42 31 00-0393 EA Parallel Bar Grates For Type A, B, D And E Inlets (Campbell Foundry 2617-0362).....	568.15	46.58
33 42 31 00-0394 EA Type B Inlet Dirt Plate (US Foundry 5217 BK).....	408.64	93.16
33 42 31 00-0395 EA Back Plate For Type B Inlets (Campbell Foundry 2548-1942).....	479.38	93.16
33 42 31 00-0396 EA Phase II Echo-Safe Bar For Series 2500/2600 Curb Inlets (Campbell Foundry 25419EC4).....	596.70	116.43
Note: Includes cam action clamping system, stainless steel badge labeled to center of plate, steel plate welded to bar with legend: Dump No Waste "Drains to Waterways".		
33 42 31 00-0397 EA 1-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	505.75	116.43

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0398 EA 2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	515.86	116.43
33 42 31 00-0399 EA 2-1/2" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	536.07	116.43
33 42 31 00-0400 EA 3" Catch Basin Riser For Type B And D Inlets (General Foundries 6352 EXT).....	556.28	116.43
33 42 31 00-0401 EA 2" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	536.07	116.43
33 42 31 00-0402 EA 2-1/2" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	556.28	116.43
33 42 31 00-0403 EA 3" Extension Frame For Type A Inlet (General Foundries 6352 EXT).....	576.49	116.43
33 42 31 00-0404 EA 2" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	839.26	116.43
33 42 31 00-0405 EA 2-1/2" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	879.68	116.43
33 42 31 00-0406 EA 3" Extension Frame For Type E Inlet (General Foundries 6352 EXT).....	920.10	116.43
33 42 31 00-0407 EA 2", 3 Sided Extension Frame For Type A, B, D, And E Inlet (Campbell Foundry 2701).....	616.92	116.43
33 42 31 00-0408 EA 6" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N6).....	556.28	116.43
33 42 31 00-0409 EA 8" Type N Curb Back Piece For Type B And D Inlets (US Foundry 5218N8).....	556.28	116.43
33 42 31 00-0410 EA 6" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-6).....	1,164.41	116.43
33 42 31 00-0411 EA 8" Radius Curb Back Piece For Type B And D Inlets (Campbell Foundry BSCB-8).....	1,164.41	116.43
33 42 31 00-0412 EA Safety Bars For Type B And D Inlets (General Foundries 5218 SB).....	458.29	128.08
33 42 31 00-0413 EA 6", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 648).....	650.31	128.08
Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0414 EA 8", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 848).....	650.31	128.08
Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0415 EA 10", Phase II Echo-Safe Catch Basin Curb Inlet Cover (Campbell Foundry ERSS 1048).....	721.06	128.08
Note: Includes cam action clamping system and stainless steel badge labeled to center of plate.		
33 42 31 00-0416 EA Type B Inlet Frame (US Foundry 5216 FRM).....	832.23	128.08
33 42 31 00-0417 EA Type D Inlet Frame (US Foundry 2999 FRM).....	710.95	128.08
33 42 31 00-0418 EA Type B Inlet Frame (Campbell Foundry 2618-0202).....	1,024.25	128.08
33 42 31 00-0419 EA Type D Inlet Frame (Campbell Foundry 2617-0002).....	902.97	128.08
33 42 31 00-0420 EA Type A Inlet, Single Frame And Grate (US Foundry 52340).....	1,160.89	186.30
33 42 31 00-0421 EA Type E Inlet, Single Frame And Grate (US Foundry 52342).....	1,888.54	186.30
33 42 31 00-0422 EA Type A Inlet, Single Frame And Grate (General Foundries 52340).....	1,130.57	186.30
33 42 31 00-0423 EA Type E Inlet, Double Frame And Grate (General Foundries 52342).....	1,793.54	186.30
33 42 31 00-0424 EA Oversized Type A Inlet, Single Frame And Reticuline Grate (US Foundry 82340).....	1,903.04	279.46
33 42 31 00-0425 EA Heavy Duty Rectangular Frame And Grate (Campbell Foundry 3084).....	1,936.71	372.60
33 42 31 00-0426 EA 6" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52186).....	2,129.77	372.60
33 42 31 00-0427 EA 8" Curb Piece, Type B Inlet Frame And Grate (US Foundry 52198).....	2,129.77	372.60
33 42 31 00-0428 EA 6" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72266).....	1,877.11	372.60
33 42 31 00-0429 EA 8" Curb Piece, Type D Inlet Frame And Grate (US Foundry 72268).....	1,877.11	372.60
33 42 31 00-0430 EA Type B And C Inlet Frame And Grate With Type N Curb And Back Plate (Campbell Foundry GFI 52198).....	2,210.62	372.60
33 42 31 00-0431 Catch Basin Frames And Covers (33 42 31 00-0001)		
33 42 31 00-0432 Cast Iron Frames And Covers (33 42 31 00-0431)		
33 42 31 00-0433 EA 18" Diameter Cast Iron Catch Basin Frame And Cover.....	778.90	102.28
33 42 31 00-0434 EA 22" Diameter Cast Iron Catch Basin Frame And Cover.....	985.18	115.58
33 42 31 00-0435 EA 24" Diameter Cast Iron Catch Basin Frame And Cover.....	1,115.40	119.67
33 42 31 00-0436 EA 26" Diameter Cast Iron Catch Basin Frame And Cover.....	1,257.05	139.10
33 42 31 00-0437 EA 28" Diameter Cast Iron Catch Basin Frame And Cover.....	1,474.06	158.54
33 42 31 00-0438 EA 32" Diameter Cast Iron Catch Basin Frame And Cover.....	2,351.70	165.69
33 42 31 00-0439 EA 16" x 16" Cast Iron Catch Basin Frame And Cover.....	1,274.56	125.80
33 42 31 00-0440 EA 18" x 24" Cast Iron Catch Basin Frame And Cover.....	1,661.90	145.24
33 42 31 00-0441 EA 20" x 27" Cast Iron Catch Basin Frame And Cover.....	1,879.36	151.38
33 42 31 00-0442 EA 23" x 23" Cast Iron Catch Basin Frame And Cover.....	1,775.70	151.38
33 42 31 00-0443 EA 24" x 24" Cast Iron Catch Basin Frame And Cover.....	1,835.28	157.51
33 42 31 00-0444 EA 26" x 26" Cast Iron Catch Basin Frame And Cover.....	1,970.89	163.65
33 42 31 00-0445 EA 24" x 36" Cast Iron Catch Basin Frame And Cover.....	2,369.47	175.92
33 42 31 00-0446 Area Yard Drain (33 42 31 00-0001)		
See CSI section 22 14 26 16-0001 for drains.		
33 42 31 00-0447 Ductile Iron Grates (33 42 31 00-0446)		
Note: Not for traffic loading.		
33 42 31 00-0448 EA 8" Diameter Ductile Iron Grate Adapter Necks Down To 4" and 6" Diameter Pipe.....	160.09	34.34
33 42 31 00-0449 EA 10" Diameter Ductile Iron Grate Adapters To 4", 6", or 8" Diameter Pipe.....	198.31	36.64
33 42 31 00-0450 EA 12" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe.....	476.22	45.80
33 42 31 00-0451 EA 15" Diameter Ductile Iron Grate Adapters To 4" Through 12" Diameter Pipe.....	568.95	54.95
33 42 31 00-0452 Concrete Drainage Inlet Structures (CALTRANS) (33 42 31 00-0001)		
33 42 31 00-0453 Type OS Concrete Drainage Inlet Structure (33 42 31 00-0452)		
33 42 31 00-0454 EA 3' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,322.68	
33 42 31 00-0455 EA 4' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,697.92	
33 42 31 00-0456 EA 5' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,046.12	
33 42 31 00-0457 EA 6' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,367.28	
33 42 31 00-0458 EA 7' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,661.39	
33 42 31 00-0459 EA 8' Deep Type OS Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,928.47	
33 42 31 00-0460 EA 8' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness.....	5,345.53	
33 42 31 00-0461 EA 10' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness.....	6,231.14	
33 42 31 00-0462 EA 12' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,048.23	
33 42 31 00-0463 EA 14' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,798.87	
33 42 31 00-0464 EA 16' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,520.21	
33 42 31 00-0465 EA 18' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,182.88	
33 42 31 00-0466 EA 20' Deep Type OS Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,786.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 42 31 00-0467	Type OL-7 Concrete Drainage Inlet Structure <small>(33 42 31 00-0462)</small>		
33 42 31 00-0468	EA 3' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		3,162.80
33 42 31 00-0469	EA 4' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		3,513.33
33 42 31 00-0470	EA 5' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		3,836.81
33 42 31 00-0471	EA 6' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,133.26
33 42 31 00-0472	EA 7' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,401.65
33 42 31 00-0473	EA 8' Deep Type OL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,644.01
33 42 31 00-0474	EA 8' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		6,018.97
33 42 31 00-0475	EA 10' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		6,883.80
33 42 31 00-0476	EA 12' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		7,680.10
33 42 31 00-0477	EA 14' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		8,408.92
33 42 31 00-0478	EA 16' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,112.22
33 42 31 00-0479	EA 18' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,756.81
33 42 31 00-0480	EA 20' Deep Type OL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		10,342.72

33 42 31 00-0481	Type OL-10 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>		
33 42 31 00-0482	EA 3' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness		3,937.04
33 42 31 00-0483	EA 4' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,265.00
33 42 31 00-0484	EA 5' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,564.91
33 42 31 00-0485	EA 6' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,838.81
33 42 31 00-0486	EA 7' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,084.64
33 42 31 00-0487	EA 8' Deep Type OL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,303.43
33 42 31 00-0488	EA 8' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness		6,692.43
33 42 31 00-0489	EA 10' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness		7,535.43
33 42 31 00-0490	EA 12' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness		8,311.96
33 42 31 00-0491	EA 14' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,020.00
33 42 31 00-0492	EA 16' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,704.20
33 42 31 00-0493	EA 18' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness		10,330.74
33 42 31 00-0494	EA 20' Deep Type OL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness		10,897.56

33 42 31 00-0495	Type OL-14 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>		
33 42 31 00-0496	EA 3' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,040.71
33 42 31 00-0497	EA 4' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,335.34
33 42 31 00-0498	EA 5' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,602.92
33 42 31 00-0499	EA 6' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,843.48
33 42 31 00-0500	EA 7' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness		6,056.99
33 42 31 00-0501	EA 8' Deep Type OL-14 Concrete Drainage Inlet Structure, 6" Wall Thickness		6,243.47
33 42 31 00-0502	EA 8' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness		7,646.50
33 42 31 00-0503	EA 10' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness		8,459.95
33 42 31 00-0504	EA 12' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,205.93
33 42 31 00-0505	EA 14' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,884.42
33 42 31 00-0506	EA 16' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness		10,543.98
33 42 31 00-0507	EA 18' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness		11,143.81
33 42 31 00-0508	EA 20' Deep Type OL-14 Concrete Drainage Inlet Structure, 8" Wall Thickness		11,684.95

33 42 31 00-0509	Type OL-21 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>		
33 42 31 00-0510	EA 3' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness		7,281.04
33 42 31 00-0511	EA 4' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness		7,509.42
33 42 31 00-0512	EA 5' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness		7,710.78
33 42 31 00-0513	EA 6' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness		7,885.10
33 42 31 00-0514	EA 7' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness		8,031.35
33 42 31 00-0515	EA 8' Deep Type OL-21 Concrete Drainage Inlet Structure, 6" Wall Thickness		8,151.58
33 42 31 00-0516	EA 8' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,512.51
33 42 31 00-0517	EA 10' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness		10,267.75
33 42 31 00-0518	EA 12' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness		10,955.51
33 42 31 00-0519	EA 14' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness		11,575.78
33 42 31 00-0520	EA 16' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness		12,184.66
33 42 31 00-0521	EA 18' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness		12,733.82
33 42 31 00-0522	EA 20' Deep Type OL-21 Concrete Drainage Inlet Structure, 8" Wall Thickness		13,224.29

33 42 31 00-0523	Type GOL-7 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>		
33 42 31 00-0524	EA 3' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		3,838.19
33 42 31 00-0525	EA 4' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,225.04
33 42 31 00-0526	EA 5' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,580.82
33 42 31 00-0527	EA 6' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		4,905.52
33 42 31 00-0528	EA 7' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,200.18
33 42 31 00-0529	EA 8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 6" Wall Thickness		5,464.79
33 42 31 00-0530	EA 8' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		6,959.00
33 42 31 00-0531	EA 10' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		7,922.14
33 42 31 00-0532	EA 12' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		8,809.39
33 42 31 00-0533	EA 14' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		9,619.73
33 42 31 00-0534	EA 16' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		10,403.08
33 42 31 00-0535	EA 18' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		11,120.40
33 42 31 00-0536	EA 20' Deep Type GOL-7 Concrete Drainage Inlet Structure, 8" Wall Thickness		11,770.68

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31	00-0537		Type GOL-10 Concrete Drainage Inlet Structure (33 42 31 00-0452)		
	33 42 31 00-0538	EA	3' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,678.32	
	33 42 31 00-0539	EA	4' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,039.43	
	33 42 31 00-0540	EA	5' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,370.49	
	33 42 31 00-0541	EA	6' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,671.50	
	33 42 31 00-0542	EA	7' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,941.46	
	33 42 31 00-0543	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 6" Wall Thickness	6,180.33	
	33 42 31 00-0544	EA	8' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,674.55	
	33 42 31 00-0545	EA	10' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,615.02	
	33 42 31 00-0546	EA	12' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,479.60	
	33 42 31 00-0547	EA	14' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,268.29	
	33 42 31 00-0548	EA	16' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,031.89	
	33 42 31 00-0549	EA	18' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,729.44	
	33 42 31 00-0550	EA	20' Deep Type GOL-10 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,360.97	
33 42 31	00-0551		Type G-1 Concrete Drainage Inlet Structure (33 42 31 00-0452)		
	33 42 31 00-0552	EA	3' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,564.92	
	33 42 31 00-0553	EA	4' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,870.58	
	33 42 31 00-0554	EA	5' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,153.51	
	33 42 31 00-0555	EA	6' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,415.78	
	33 42 31 00-0556	EA	7' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,657.35	
	33 42 31 00-0557	EA	8' Deep Type G-1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,876.21	
33 42 31	00-0558		Type G-2 Concrete Drainage Inlet Structure (33 42 31 00-0452)		
	33 42 31 00-0559	EA	3' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,157.95	
	33 42 31 00-0560	EA	4' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,501.36	
	33 42 31 00-0561	EA	5' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,820.04	
	33 42 31 00-0562	EA	6' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,114.02	
	33 42 31 00-0563	EA	7' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,383.28	
	33 42 31 00-0564	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,626.82	
	33 42 31 00-0565	EA	8' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,910.59	
	33 42 31 00-0566	EA	10' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,727.63	
	33 42 31 00-0567	EA	12' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,482.65	
	33 42 31 00-0568	EA	14' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,175.63	
	33 42 31 00-0569	EA	16' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,841.66	
	33 42 31 00-0570	EA	18' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,453.76	
	33 42 31 00-0571	EA	20' Deep Type G-2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,010.93	
33 42 31	00-0572		Type G-3 Concrete Drainage Inlet Structure (33 42 31 00-0452)		
	33 42 31 00-0573	EA	3' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,696.71	
	33 42 31 00-0574	EA	4' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,998.05	
	33 42 31 00-0575	EA	5' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,277.68	
	33 42 31 00-0576	EA	6' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,536.64	
	33 42 31 00-0577	EA	7' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,772.89	
	33 42 31 00-0578	EA	8' Deep Type G-3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,988.45	
33 42 31	00-0579		Type G-4_24 Concrete Drainage Inlet Structure (33 42 31 00-0452)		
	33 42 31 00-0580	EA	3' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,092.06	
	33 42 31 00-0581	EA	4' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,437.62	
	33 42 31 00-0582	EA	5' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,758.46	
	33 42 31 00-0583	EA	6' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,053.58	
	33 42 31 00-0584	EA	7' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,325.00	
	33 42 31 00-0585	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,570.71	
	33 42 31 00-0586	EA	8' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,882.53	
	33 42 31 00-0587	EA	10' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,701.16	
	33 42 31 00-0588	EA	12' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,456.75	
	33 42 31 00-0589	EA	14' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,150.29	
	33 42 31 00-0590	EA	16' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,816.78	
	33 42 31 00-0591	EA	18' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,429.35	
	33 42 31 00-0592	EA	20' Deep Type G-4_24 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,987.98	
33 42 31	00-0593		Type G-4_18 Concrete Drainage Inlet Structure (33 42 31 00-0452)		
	33 42 31 00-0594	EA	3' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,157.95	
	33 42 31 00-0595	EA	4' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,501.36	
	33 42 31 00-0596	EA	5' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,820.04	
	33 42 31 00-0597	EA	6' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,114.02	
	33 42 31 00-0598	EA	7' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,383.28	
	33 42 31 00-0599	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,626.82	
	33 42 31 00-0600	EA	8' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	4,910.59	
	33 42 31 00-0601	EA	10' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	5,727.63	
	33 42 31 00-0602	EA	12' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	6,482.65	
	33 42 31 00-0603	EA	14' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,175.63	
	33 42 31 00-0604	EA	16' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,841.66	
	33 42 31 00-0605	EA	18' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,453.76	
	33 42 31 00-0606	EA	20' Deep Type G-4_18 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,010.93	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 31 00-0607	Type G-5 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>	
33 42 31 00-0608 EA 3' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,680.24	
33 42 31 00-0609 EA 4' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,981.87	
33 42 31 00-0610 EA 5' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,262.80	
33 42 31 00-0611 EA 6' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,521.03	
33 42 31 00-0612 EA 7' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,758.57	
33 42 31 00-0613 EA 8' Deep Type G-5 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,974.41	
33 42 31 00-0614	Type G-6 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>	
33 42 31 00-0615 EA 3' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	1,713.18	
33 42 31 00-0616 EA 4' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,014.25	
33 42 31 00-0617 EA 5' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,293.59	
33 42 31 00-0618 EA 6' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,551.25	
33 42 31 00-0619 EA 7' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,787.20	
33 42 31 00-0620 EA 8' Deep Type G-6 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,002.47	
33 42 31 00-0621	Type GT1 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>	
33 42 31 00-0622 EA 3' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,866.29	
33 42 31 00-0623 EA 4' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,337.30	
33 42 31 00-0624 EA 5' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,805.92	
33 42 31 00-0625 EA 6' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,178.08	
33 42 31 00-0626 EA 7' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,546.83	
33 42 31 00-0627 EA 8' Deep Type GT1 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,882.53	
33 42 31 00-0628	Type GT2 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>	
33 42 31 00-0629 EA 3' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,475.79	
33 42 31 00-0630 EA 4' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,988.51	
33 42 31 00-0631 EA 5' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,463.01	
33 42 31 00-0632 EA 6' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,900.30	
33 42 31 00-0633 EA 7' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,299.35	
33 42 31 00-0634 EA 8' Deep Type GT2 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,661.21	
33 42 31 00-0635 EA 8' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,576.34	
33 42 31 00-0636 EA 10' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,780.89	
33 42 31 00-0637 EA 12' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,892.50	
33 42 31 00-0638 EA 14' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,912.21	
33 42 31 00-0639 EA 16' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,893.74	
33 42 31 00-0640 EA 18' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,794.36	
33 42 31 00-0641 EA 20' Deep Type GT2 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,614.11	
33 42 31 00-0642	Type GT3 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>	
33 42 31 00-0643 EA 3' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	2,849.82	
33 42 31 00-0644 EA 4' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,321.11	
33 42 31 00-0645 EA 5' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,759.34	
33 42 31 00-0646 EA 6' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,163.48	
33 42 31 00-0647 EA 7' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,532.51	
33 42 31 00-0648 EA 8' Deep Type GT3 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,868.49	
33 42 31 00-0649	Type GT4 Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>	
33 42 31 00-0650 EA 3' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	3,591.10	
33 42 31 00-0651 EA 4' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,099.79	
33 42 31 00-0652 EA 5' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	4,571.28	
33 42 31 00-0653 EA 6' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,004.53	
33 42 31 00-0654 EA 7' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,400.58	
33 42 31 00-0655 EA 8' Deep Type GT4 Concrete Drainage Inlet Structure, 6" Wall Thickness	5,759.42	
33 42 31 00-0656 EA 8' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	7,590.37	
33 42 31 00-0657 EA 10' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	8,794.63	
33 42 31 00-0658 EA 12' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	9,905.97	
33 42 31 00-0659 EA 14' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	10,924.37	
33 42 31 00-0660 EA 16' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	11,905.66	
33 42 31 00-0661 EA 18' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	12,806.07	
33 42 31 00-0662 EA 20' Deep Type GT4 Concrete Drainage Inlet Structure, 8" Wall Thickness	13,625.59	
33 42 31 00-0663	Type GO Concrete Drainage Inlet Structure <small>(33 42 31 00-0452)</small>	
33 42 31 00-0664 EA 3' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,042.64	
33 42 31 00-0665 EA 4' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,373.88	
33 42 31 00-0666 EA 5' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,680.99	
33 42 31 00-0667 EA 6' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	2,963.94	
33 42 31 00-0668 EA 7' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,222.76	
33 42 31 00-0669 EA 8' Deep Type GO Concrete Drainage Inlet Structure, 6" Wall Thickness	3,458.46	
33 42 31 00-0670 EA 8' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	4,756.25	
33 42 31 00-0671 EA 10' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	5,549.04	
33 42 31 00-0672 EA 12' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,280.03	
33 42 31 00-0673 EA 14' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness	6,951.26	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
	33 42 31 00-0674	EA	16' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,597.70	
	33 42 31 00-0675	EA	18' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,190.20	
	33 42 31 00-0676	EA	20' Deep Type GO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,730.80	
33 42 31 00-0677	Type GDO Concrete Drainage Inlet Structure (33 42 31 00-0452)				
	33 42 31 00-0678	EA	3' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	2,668.61	
	33 42 31 00-0679	EA	4' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,104.00	
	33 42 31 00-0680	EA	5' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,507.81	
	33 42 31 00-0681	EA	6' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	3,881.06	
	33 42 31 00-0682	EA	7' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,221.69	
	33 42 31 00-0683	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 6" Wall Thickness.....	4,531.77	
	33 42 31 00-0684	EA	8' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	6,117.19	
	33 42 31 00-0685	EA	10' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	7,138.95	
	33 42 31 00-0686	EA	12' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,082.44	
	33 42 31 00-0687	EA	14' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	8,948.66	
	33 42 31 00-0688	EA	16' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	9,781.65	
	33 42 31 00-0689	EA	18' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	10,546.47	
	33 42 31 00-0690	EA	20' Deep Type GDO Concrete Drainage Inlet Structure, 8" Wall Thickness.....	11,243.16	
33 42 33	Stormwater Curbside Drains and Inlets (33 42)				
	33 42 33 00-0001	Curb Inlet Frames And Covers (33 42 33)			
	33 42 33 00-0002	Cast Iron Curb Inlet Frames And Covers (33 42 33 00-0001)			
	33 42 33 00-0003	EA	20" x 22" Cast Iron Curb Inlet Frame And Cover	1,591.23	119.67
	33 42 33 00-0004	EA	22" x 24" Cast Iron Curb Inlet Frame And Cover	1,701.41	139.10
	33 42 33 00-0005	EA	24" x 24" Cast Iron Curb Inlet Frame And Cover	1,769.33	139.10
	33 42 33 00-0006	EA	27" x 27" Cast Iron Curb Inlet Frame And Cover	1,937.54	163.65
	33 42 33 00-0007	EA	36" x 24" Cast Iron Curb Inlet Frame And Cover	1,916.65	174.90
33 42 36	Stormwater Trench Drains (33 42)				
	33 42 36 00-0001	Modular Trench Drains (33 42 36) See CSI section 03 31 13 00-0011 for concrete.			
	33 42 36 00-0002	Modular Trench Drains (33 42 36 00-0001) Note: Excludes grates. See CSI section 33 42 36 00-0118 for grates.			
	33 42 36 00-0003	4" Wide, Modular Trench Drains (33 42 36 00-0002)			
	33 42 36 00-0004	4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0003)			
	33 42 36 00-0005	4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0004)			
	33 42 36 00-0006	LF	4" Wide, High Density Polyethylene, Shallow Modular Trench Drain (Zurn Z844-C).....	65.17	16.36
			<i>For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	99.22	
			<i>For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	198.45	
			<i>For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	317.52	
			<i>For Type 304 Stainless Steel Top Veneer Frame, Add</i>	79.38	
			<i>For Aluminum Veneer Bronze Anodized Frame, Add</i>	39.69	
	33 42 36 00-0007	Outlet Adapters For 4 Wide, High Density Polyethylene, Shallow Modular Trench Drains (33 42 36 00-0004)			
	33 42 36 00-0008	EA	Closed End Cap For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	49.86	
	33 42 36 00-0009	EA	No-Hub End Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	60.08	
	33 42 36 00-0010	EA	No-Hub Bottom Outlet For 4" Wide, High Density Polyethylene, Shallow Modular Trench Drain	60.08	
	33 42 36 00-0011	6" Wide, Modular Trench Drains (33 42 36 00-0002)			
	33 42 36 00-0012	6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0011)			
	33 42 36 00-0013	6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)			
	33 42 36 00-0014	LF	6" Wide, High Density Polyethylene, Modular Trench Drain	202.43	16.36
			<i>For Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	99.22	
			<i>For Galvanized Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	198.45	
			<i>For Stainless Steel Extra Heavy Duty Frame Assembly With Anchor Studs And Grate Lockdown, Add</i>	317.52	
			<i>For Type 304 Stainless Steel Top Veneer Frame, Add</i>	79.38	
			<i>For Aluminum Veneer Bronze Anodized Frame, Add</i>	39.69	
	33 42 36 00-0015	Outlet Adapters For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)			
	33 42 36 00-0016	EA	Closed End Cap For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	91.90	
	33 42 36 00-0017	EA	No-Hub End Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	102.12	
	33 42 36 00-0018	EA	No-Hub Bottom Outlet For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	102.12	
	33 42 36 00-0019	Other Fittings For 6" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0012)			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0020 EA Bottom Dome Strainer For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	178.08	
33 42 36 00-0021 EA Joint Connector For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	178.08	
33 42 36 00-0022 EA 90 Degree, 45 Degree, Tee Or Side Outlet Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	844.94	
33 42 36 00-0023 EA Cross For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	1,638.74	
33 42 36 00-0024 EA Cutting Charge For 6" Wide, High Density Polyethylene, Modular Trench Drains.....	198.45	
33 42 36 00-0025 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0011)		
33 42 36 00-0026 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)		
33 42 36 00-0027 LF 6" Wide, Fiber Reinforced Polyester, Modular Trench Drain.....	295.70	16.36
<i>For Black Acid Resistant Coated Frame, Add</i>	75.41	
<i>For Galvanized Top Frame Assembly, Add</i>	75.41	
<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	277.83	
33 42 36 00-0028 Outlet Adapters For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)		
33 42 36 00-0029 EA Closed End Cap For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	99.84	
33 42 36 00-0030 EA No-Hub End Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	110.06	
33 42 36 00-0031 EA No-Hub Bottom Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	110.06	
33 42 36 00-0032 Other Fittings For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains (33 42 36 00-0025)		
33 42 36 00-0033 EA Bottom Dome Strainer For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	178.08	
33 42 36 00-0034 EA Joint Connector For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	178.08	
33 42 36 00-0035 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	844.94	
33 42 36 00-0036 EA Cross For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	1,638.74	
33 42 36 00-0037 EA Cutting Charge For 6" Wide, Fiber Reinforced Polyester, Modular Trench Drains.....	198.45	
33 42 36 00-0038 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0011)		
33 42 36 00-0039 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0040 LF 6" Wide, Vinylester Fiberglass, Modular Trench Drain.....	383.02	16.36
<i>For Black Acid Resistant Coated Frame, Add</i>	75.41	
<i>For Galvanized Top Frame Assembly, Add</i>	75.41	
<i>For Type 304 Stainless Steel Top Frame Assembly, Add</i>	277.83	
33 42 36 00-0041 Outlet Adapters For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0042 EA Closed End Cap For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	163.34	
33 42 36 00-0043 EA No-Hub End Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	173.56	
33 42 36 00-0044 EA No-Hub Bottom Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	173.56	
33 42 36 00-0045 Other Fittings For 6" Wide, Vinylester Fiberglass, Modular Trench Drains (33 42 36 00-0038)		
33 42 36 00-0046 EA Bottom Dome Strainer For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	178.08	
33 42 36 00-0047 EA Joint Connector For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	178.08	
33 42 36 00-0048 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	844.94	
33 42 36 00-0049 EA Cross For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	1,638.74	
33 42 36 00-0050 EA Cutting Charge For 6" Wide, Vinylester Fiberglass, Modular Trench Drains.....	198.45	
33 42 36 00-0051 6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0011)		
33 42 36 00-0052 6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0051)		
33 42 36 00-0053 LF 6" Wide, Polymer Concrete, Modular Trench Drain.....	466.04	
33 42 36 00-0054 Outlet Adapters For 6" Wide, Polymer Concrete, Modular Trench Drains (33 42 36 00-0051)		
33 42 36 00-0055 EA Closed End Cap For 6" Wide, Polymer Concrete, Modular Trench Drain.....	184.27	
33 42 36 00-0056 EA No-Hub End Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain.....	224.05	
33 42 36 00-0057 EA No-Hub Bottom Outlet For 6" Wide, Polymer Concrete, Modular Trench Drain.....	69.35	
33 42 36 00-0058 12" Wide, Modular Trench Drains (33 42 36 00-0002)		
33 42 36 00-0059 12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0058)		
33 42 36 00-0060 12" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0059)		
33 42 36 00-0061 LF 12" Wide, High Density Polyethylene, Modular Trench Drain.....	382.36	22.50
<i>For Acid Resistant Coated Top Frame, Add</i>	103.19	
<i>For Galvanized Welded Frame Assembly, Add</i>	108.16	
<i>For Type 304 Stainless Steel Top Frame, Add</i>	619.16	

33 Utilities**33 40 Stormwater Utilities****33 42 Stormwater Conveyance**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
33 42 36 00-0062		Outlet Adapters For 12" Wide, High Density Polyethylene, Modular Trench Drains <i>(33 42 36 00-0059)</i>		
33 42 36 00-0063	EA	End Cap For 12" Wide, High Density Polyethylene, Modular Trench Drains	190.01	
33 42 36 00-0064	EA	No-Hub End Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	203.64	
33 42 36 00-0065	EA	No-Hub Bottom Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	203.64	
33 42 36 00-0066		Other Fittings For 12" Wide, High Density Polyethylene, Modular Trench Drains <i>(33 42 36 00-0059)</i>		
33 42 36 00-0067	EA	Bottom Dome Strainer For 12" Wide, High Density Polyethylene, Modular Trench Drains	318.66	
33 42 36 00-0068	EA	Joint Connector For 12" Wide, High Density Polyethylene, Modular Trench Drains	417.88	
33 42 36 00-0069	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, High Density Polyethylene, Modular Trench Drains	1,666.28	
33 42 36 00-0070	EA	Cross For 12" Wide, High Density Polyethylene, Modular Trench Drains	3,253.88	
33 42 36 00-0071	EA	Cutting Charges For 12" Wide, High Density Polyethylene, Modular Trench Drains	396.90	
33 42 36 00-0072		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(33 42 36 00-0058)</i>		
33 42 36 00-0073		12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(33 42 36 00-0072)</i>		
33 42 36 00-0074	LF	12" Wide, Fiber Reinforced Polyester, Modular Trench Drain	481.59	22.50
		<i>For Acid Resistant Coated Top Frame, Add</i>	103.19	
		<i>For Galvanized Welded Frame Assembly, Add</i>	108.16	
		<i>For Type 304 Stainless Steel Top Frame, Add</i>	619.16	
33 42 36 00-0075		Outlet Adapters For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(33 42 36 00-0072)</i>		
33 42 36 00-0076	EA	End Cap For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	197.95	
33 42 36 00-0077	EA	No-Hub End Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	211.58	
33 42 36 00-0078	EA	No-Hub Bottom Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	211.58	
33 42 36 00-0079		Other Fittings For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains <i>(33 42 36 00-0072)</i>		
33 42 36 00-0080	EA	Bottom Dome Strainer For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	318.66	
33 42 36 00-0081	EA	Joint Connector For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	417.88	
33 42 36 00-0082	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	1,666.28	
33 42 36 00-0083	EA	Cross For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	3,253.88	
33 42 36 00-0084	EA	Cutting Charges For 12" Wide, Fiber Reinforced Polyester, Modular Trench Drains	396.90	
33 42 36 00-0085		12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(33 42 36 00-0058)</i>		
33 42 36 00-0086		12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(33 42 36 00-0085)</i>		
33 42 36 00-0087	LF	12" Wide, Vinylester Fiberglass, Modular Trench Drain	680.04	22.50
		<i>For Acid Resistant Coated Top Frame, Add</i>	103.19	
		<i>For Galvanized Welded Frame Assembly, Add</i>	108.16	
		<i>For Type 304 Stainless Steel Top Frame, Add</i>	619.16	
33 42 36 00-0088		Outlet Adapters For 12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(33 42 36 00-0085)</i>		
33 42 36 00-0089	EA	End Cap For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	495.62	
33 42 36 00-0090	EA	No-Hub End Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	509.25	
33 42 36 00-0091	EA	No-Hub Bottom Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	509.25	
33 42 36 00-0092		Other Fittings For 12" Wide, Vinylester Fiberglass, Modular Trench Drains <i>(33 42 36 00-0085)</i>		
33 42 36 00-0093	EA	Bottom Dome Strainer For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	318.66	
33 42 36 00-0094	EA	Joint Connector For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	417.88	
33 42 36 00-0095	EA	90 Degree, 45 Degree, Tee Or Side Outlet For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	1,666.28	
33 42 36 00-0096	EA	Cross For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	3,253.88	
33 42 36 00-0097	EA	Cutting Charges For 12" Wide, Vinylester Fiberglass, Modular Trench Drains	396.90	
33 42 36 00-0098		12" Wide, Polymer Concrete, Modular Trench Drains <i>(33 42 36 00-0058)</i>		
33 42 36 00-0099		12" Wide, Polymer Concrete, Modular Trench Drains <i>(33 42 36 00-0086)</i>		
33 42 36 00-0100	LF	12" Wide, Polymer Concrete, Modular Trench Drain	625.12	
33 42 36 00-0101		Outlet Adapters For 12" Wide, Polymer Concrete, Modular Trench Drains <i>(33 42 36 00-0086)</i>		
33 42 36 00-0102	EA	Closed End Cap For 12" Wide, Polymer Concrete, Modular Trench Drain	313.99	
33 42 36 00-0103	EA	No-Hub End Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	541.44	
33 42 36 00-0104	EA	No-Hub Bottom Outlet For 12" Wide, Polymer Concrete, Modular Trench Drain	122.71	
33 42 36 00-0105		23" Wide, Modular Trench Drains <i>(33 42 36 00-0002)</i>		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 42 36 00-0106 23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0105)		
33 42 36 00-0107 23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0106)		
33 42 36 00-0108 LF 23" Wide, High Density Polyethylene, Modular Trench Drain <i>For Acid Resistant Coated Frame, Add</i> <i>For Galvanized Frame Assembly, Add</i> <i>For Type 304 Stainless Steel Top Frame, Add</i>	536.29 154.79 154.79 952.56	30.68
33 42 36 00-0109 Outlet Adapters For 23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0106)		
33 42 36 00-0110 EA End Cap For 23" Wide, High Density Polyethylene, Modular Trench Drains	607.91	
33 42 36 00-0111 EA No-Hub End Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	884.71	
33 42 36 00-0112 EA No-Hub Bottom Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	884.71	
33 42 36 00-0113 Other Fittings For 23" Wide, High Density Polyethylene, Modular Trench Drains (33 42 36 00-0106)		
33 42 36 00-0114 EA Bottom Dome Strainer For 23" Wide, High Density Polyethylene, Modular Trench Drains	725.26	
33 42 36 00-0115 EA 90 Degree, 45 Degree, Tee Or Side Outlet For 23" Wide, High Density Polyethylene, Modular Trench Drains	3,303.04	
33 42 36 00-0116 EA Cross For 23" Wide, High Density Polyethylene, Modular Trench Drains	6,478.24	
33 42 36 00-0117 EA Cutting Charges For 23" Wide, High Density Polyethylene, Modular Trench Drains	793.80	
33 42 36 00-0118 Modular Trench Drain Grates (33 42 36 00-0001)		
33 42 36 00-0119 4" Wide, Modular Trench Drain Grates (33 42 36 00-0118)		
33 42 36 00-0120 LF 4" Wide, Polypropylene, Silver Heel Proof, Modular Trench Drain Grate (Zurn Z884-P4-HPP)	42.60	3.07
33 42 36 00-0121 LF 4" Wide, Class C Cast Iron, Modular Trench Drain Grate (Zurn Z884-P4-CG)	44.81	3.07
33 42 36 00-0122 LF 4" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FG)	35.99	3.07
33 42 36 00-0123 LF 4" Wide, Stainless Steel Slotted, Modular Trench Drain Grate (Zurn Z884-P4-FS)	96.63	3.07
33 42 36 00-0124 LF 4" Wide, Galvanized Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FG)	35.99	3.07
33 42 36 00-0125 LF 4" Wide, Stainless Steel Perforated, Modular Trench Drain Grate (Zurn Z884-P4-FS)	96.63	3.07
33 42 36 00-0126 6" Wide, Modular Trench Drain Grates (33 42 36 00-0118)		
33 42 36 00-0127 LF 6" Wide, Galvanized Ductile Iron Cast Bar, Modular Trench Drain Grate	195.63	3.07
33 42 36 00-0128 LF 6" Wide, Ductile Iron Cast Bar, Modular Trench Drain Grate	165.67	3.07
33 42 36 00-0129 LF 6" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	174.00	3.07
33 42 36 00-0130 LF 6" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	151.97	3.07
33 42 36 00-0131 LF 6" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	163.88	3.07
33 42 36 00-0132 LF 6" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	165.86	3.07
33 42 36 00-0133 LF 6" Wide, Ductile Iron Longitudinal Slotted, Modular Trench Drain Grate	165.86	3.07
33 42 36 00-0134 LF 6" Wide, Galvanized Cast Iron Slotted, Modular Trench Drain Grate	163.88	3.07
33 42 36 00-0135 LF 6" Wide, Galvanized Steel Slotted, Modular Trench Drain Grate	144.04	3.07
33 42 36 00-0136 LF 6" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	144.04	3.07
33 42 36 00-0137 LF 6" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	153.16	3.07
33 42 36 00-0138 LF 6" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	153.16	3.07
33 42 36 00-0139 LF 6" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	199.60	3.07
33 42 36 00-0140 LF 6" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	199.60	3.07
33 42 36 00-0141 LF 6" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	366.30	3.07
33 42 36 00-0142 LF 6" Wide, Reinforced Perforated Stainless Steel, Modular Trench Drain Grate	366.30	3.07
33 42 36 00-0143 LF 6" Wide, Stainless Steel Bar, Modular Trench Drain Grate	1,021.18	3.07
33 42 36 00-0144 LF 6" Wide, Heel Proof Polyethylene, Modular Trench Drain Grate	136.10	3.07
33 42 36 00-0145 LF 6" Wide, Fiberglass, Modular Trench Drain Grate	294.86	3.07
33 42 36 00-0146 12" Wide, Modular Trench Drain Grates (33 42 36 00-0118)		
33 42 36 00-0147 LF 12" Wide, Black Acid Resistant Coated Ductile Iron, Modular Trench Drain Grate	541.45	3.32
33 42 36 00-0148 LF 12" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	517.63	3.32
33 42 36 00-0149 LF 12" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	450.16	3.32
33 42 36 00-0150 LF 12" Wide, Heel Proof Ductile Iron, Modular Trench Drain Grate	472.98	3.32
33 42 36 00-0151 LF 12" Wide, Perforated Galvanized Steel, Modular Trench Drain Grate	408.48	3.32
33 42 36 00-0152 LF 12" Wide, Reinforced Galvanized Steel Slotted, Modular Trench Drain Grate	800.42	3.32
33 42 36 00-0153 LF 12" Wide, Reinforced Perforated Galvanized Steel, Modular Trench Drain Grate	800.42	3.32
33 42 36 00-0154 LF 12" Wide, Fabricated Stainless Steel Slotted, Modular Trench Drain Grate	1,021.69	3.32
33 42 36 00-0155 LF 12" Wide, Perforated Stainless Steel, Modular Trench Drain Grate	1,021.69	3.32
33 42 36 00-0156 LF 12" Wide, Reinforced Stainless Steel Slotted, Modular Trench Drain Grate	1,304.49	3.32
33 42 36 00-0157 LF 12" Wide, Reinforced Perforated Stainless Steel Slotted, Modular Trench Drain Grate	1,304.49	3.32
33 42 36 00-0158 LF 12" Wide, Stainless Steel Cast Bar, Modular Trench Drain Grate	1,238.00	3.32
33 42 36 00-0159 LF 12" Wide, Fiberglass, Modular Trench Drain Grate	584.11	3.32
33 42 36 00-0160 23" Wide, Modular Trench Drain Grates (33 42 36 00-0118)		
33 42 36 00-0161 LF 23" Wide, Ductile Iron Solid Cover, Modular Trench Drain Grate	855.50	3.58
33 42 36 00-0162 LF 23" Wide, Ductile Iron Slotted, Modular Trench Drain Grate	720.55	3.58
33 42 36 00-0163 LF 23" Wide, Galvanized Ductile Iron Slotted, Modular Trench Drain Grate	1,117.45	3.58
33 42 36 00-0164 LF 23" Wide, Heel Proof Longitudinal Ductile Iron, Modular Trench Drain Grate	827.71	3.58

33 Utilities**33 40 Stormwater Utilities****33 44 Storm Utility Water Drains**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
33 44 Storm Utility Water Drains (33 40)**33 44 36 Oil and Stormwater Separators** (33 44)

33 44 36 00-0001	EA	Oil/Water Separator <small>(33 44 36)</small> Note: Complete with internal sensors and detectors.	
33 44 36 00-0002	EA	Coalescing Oil Water Separator <small>(33 44 36 00-0001)</small> Note: Underground tank with interior polyurethane coating. Includes manways, coalescer, inlet and outlet spools, pump mount, 2" level sensor pipe and 4" pump out pipe. HighGuard as manufactured by Highland Tank, Stoystown, PA.	
33 44 36 00-0003	EA	Single Wall Steel Coalescing Oil Water Separator <small>(33 44 36 00-0002)</small>	
33 44 36 00-0004	EA	550 Gallon, 55 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	18,552.30
		<i>For Interior Polyurethane Coating, Add</i>	711.00
33 44 36 00-0005	EA	1,000 Gallon, 100 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	22,701.16
		<i>For Interior Polyurethane Coating, Add</i>	893.70
33 44 36 00-0006	EA	2,000 Gallon, 200 GPM Single Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	27,186.09
		<i>For Interior Polyurethane Coating, Add</i>	1,340.10
33 44 36 00-0007	EA	Double Wall Steel Coalescing Oil Water Separator <small>(33 44 36 00-0002)</small>	
33 44 36 00-0008	EA	550 Gallon, 55 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 550. 3'-6" diameter x 10'-9" long tank.	28,821.31
		<i>For Interior Polyurethane Coating, Add</i>	711.00
33 44 36 00-0009	EA	1,000 Gallon, 100 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 1000. 4' diameter x 14' long tank.	33,150.66
		<i>For Interior Polyurethane Coating, Add</i>	893.70
33 44 36 00-0010	EA	2,000 Gallon, 200 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 2000. 5'-4" diameter x 15' long tank.	40,486.13
		<i>For Interior Polyurethane Coating, Add</i>	1,340.10
33 44 36 00-0011	EA	3,000 Gallon, 300 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 3000. 5'-4" diameter x 21'-4" long tank.	47,124.64
		<i>For Interior Polyurethane Coating, Add</i>	1,550.70
33 44 36 00-0012	EA	5,000 Gallon, 500 GPM Double Wall Steel Coalescing Oil Water Separator With Manways Note: HTC-G 5000. 6' diameter x 28'-8" long tank.	62,556.77
		<i>For Interior Polyurethane Coating, Add</i>	2,057.80
33 44 36 00-0013	EA	Accessories For Coalescing Oil Water Separators <small>(33 44 36 00-0002)</small>	
33 44 36 00-0014	EA	Single Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP1.	1,131.99
33 44 36 00-0015	EA	Two Channel Alarm Panel For Coalescing Oil Water Separator Note: HTAP2.	1,542.03
33 44 36 00-0016	EA	Float Interface Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	921.73
33 44 36 00-0017	EA	1-1/2" Liquid Only Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	677.80
33 44 36 00-0018	EA	Polyvinyl Chloride (PVC) Cap For 2" Sensor For Coalescing Oil Water Separator Note: Required for UL 2215 label.	220.43
33 44 36 00-0019	EA	550, 1,000 Or 2,000 Gallon Tank Concrete Deadmen Set (2 Each) For Coalescing Oil Water Separator	3,924.61
33 44 36 00-0020	EA	3,000 Gallon Tank Concrete Deadmen Set (4 Each) For Coalescing Oil Water Separator	7,849.22
33 44 36 00-0021	EA	5,000 Gallon Tank Concrete Deadmen Set (6 Each) For Coalescing Oil Water Separator	11,773.89
33 44 36 00-0022	EA	550 Or 1,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	700.58
33 44 36 00-0023	EA	2,000 Gallon Tank Polyester Hold Down Straps (2 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	830.68
33 44 36 00-0024	EA	3,000 Gallon Tank Polyester Hold Down Straps (4 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	1,661.37
33 44 36 00-0025	EA	5,000 Gallon Tank Polyester Hold Down Straps (6 Each) With Galvanized Turnbuckle And Clamps For Coalescing Oil Water Separator	3,711.71
33 44 36 00-0026	EA	30" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,005.49
33 44 36 00-0027	EA	36" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,313.63
33 44 36 00-0028	EA	48" Diameter Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	1,825.03
33 44 36 00-0029	EA	54" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	3,345.52
33 44 36 00-0030	EA	66" x 54" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	4,309.04
33 44 36 00-0031	EA	66" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	5,414.85
33 44 36 00-0032	EA	78" x 66" Grade Level Manway For Coalescing Oil Water Separator Note: Required when installed in paved areas.	6,833.70
33 44 36 00-0033	EA	550 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,355.84
33 44 36 00-0034	EA	1,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	1,652.62
33 44 36 00-0035	EA	2,000 Gallon Petroscreen (Material Only) For Coalescing Oil Water Separator	2,595.81
33 44 36 00-0036	EA	550 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,292.82
33 44 36 00-0037	EA	1,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,569.28
33 44 36 00-0038	EA	2,000 Gallon Corrugated Coalescer Plate (Material Only) For Coalescing Oil Water Separator	1,861.99
33 44 36 00-0039	EA	18" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	109.77

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 44 36 00-0040 EA 24" Manhole Gasket (Material Only) For Coalescing Oil Water Separator	124.00	
33 44 36 00-0041 Oil Skimmers (33 44 36)		
33 44 36 00-0042 Oil Skimmers, 12" And 24" Models (33 44 36 00-0041)		
33 44 36 00-0043 EA Oil Skimmers, TENV, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,033.68	592.28
33 44 36 00-0044 EA Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,269.48	592.28
33 44 36 00-0045 EA Oil Skimmers, TENV, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,055.52	592.28
33 44 36 00-0046 EA Oil Skimmers, Explosion-Proof, 12" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,357.90	592.28
33 44 36 00-0047 EA Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,303.32	592.28
33 44 36 00-0048 EA Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	5,503.09	592.28
33 44 36 00-0049 EA Oil Skimmers, TENV, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,354.62	592.28
33 44 36 00-0050 EA Oil Skimmers, Explosion-Proof, 12" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	5,655.92	592.28
33 44 36 00-0051 EA Oil Skimmers, TENV, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,682.05	789.88
33 44 36 00-0052 EA Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 230/460 Volt, 3 Phase	5,934.22	789.88
33 44 36 00-0053 EA Oil Skimmers, TENV, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	5,748.64	789.88
33 44 36 00-0054 EA Oil Skimmers, Explosion-Proof, 24" Open, 1/2 HP, 115/220 Volt, 1 Phase	6,111.07	789.88
33 44 36 00-0055 EA Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,319.57	789.88
33 44 36 00-0056 EA Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 230/460 Volt, 3 Phase	6,571.74	789.88
33 44 36 00-0057 EA Oil Skimmers, TENV, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,373.06	789.88
33 44 36 00-0058 EA Oil Skimmers, Explosion-Proof, 24" Enclosed, 1/2 HP, 115/220 Volt, 1 Phase	6,736.58	789.88
33 44 36 00-0059 Oil Skimmers, Add-Ons (33 44 36 00-0041)		
33 44 36 00-0060 LF Add For Belt Projection, 12" Width	16.37	
33 44 36 00-0061 LF Add For Belt Projection, 24" Width	30.57	
33 44 36 00-0062 LF Add For Spacer Stands, 12" Models	260.26	
33 44 36 00-0063 LF Add For Spacer Stands, 24" Models	308.29	
33 44 36 00-0064 Inclined Plate Hydrodynamic Separator (33 44 36)		
Note: Includes precast base, riser and lid slab, aluminum incline plate assembly, sludge dispersion manifold, oil sorbent booms, two manhole frames and covers, and joint sealer. Terre Kleen as manufactured by Terre Hill Storm Water Systems, Terre Hill, PA.		
33 44 36 00-0065 EA 4'-6" x 6'-0" x 8'-10" Inclined Plate Hydrodynamic Separator (Terre Hill TK09)	44,558.55	
For Each VLF Of Riser, Add	450.00	
33 44 36 00-0066 EA 6'-6" x 6'-0" x 8'-10" Inclined Plate Hydrodynamic Separator (Terre Hill TK18)	69,403.15	
For Each VLF Of Riser, Add	525.00	
33 44 36 00-0067 EA 8'-6" x 6'-0" x 8'-10" Inclined Plate Hydrodynamic Separator (Terre Hill TK27)	82,954.75	
For Each VLF Or Riser, Add	600.00	
33 46 Stormwater Management (33 40)		
33 46 23 Modular Buried Stormwater Storage Units (33 46)		
33 46 23 00-0001 Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™) (33 46 23)		
Note: Includes chambers and end caps delivery to site. Excludes excavation and earthwork, foundation stone, embedment and perimeter stone, geotextile fabrics and cutting holes in chambers. See CSI section 31 05 16 00-0000 for aggregate (foundation, embedment and perimeter stone), 31 23 16 36-0000 for excavation and earth backfill, 31 32 19 16-0000 for woven and non-woven geotextile fabric.		
33 46 23 00-0002 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740) (33 46 23 00-0001)		
33 46 23 00-0003 EA Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	559.04	
33 46 23 00-0004 EA >10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	517.63	
33 46 23 00-0005 EA >20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	486.95	
33 46 23 00-0006 EA >30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-740)	457.32	
33 46 23 00-0007 EA Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	222.71	
33 46 23 00-0008 EA >10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	198.11	
33 46 23 00-0009 EA >20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	183.42	
33 46 23 00-0010 EA >30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-740)	168.96	
33 46 23 00-0011 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310) (33 46 23 00-0001)		
33 46 23 00-0012 EA Up To 10, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	313.48	
33 46 23 00-0013 EA >10 To 20, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	288.23	
33 46 23 00-0014 EA >20 To 30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	270.22	
33 46 23 00-0015 EA >30, 85.4" Long x 34" Wide x 16" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ SC-310)	253.68	
33 46 23 00-0016 EA Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	173.12	
33 46 23 00-0017 EA >10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	154.87	
33 46 23 00-0018 EA >20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	143.51	

33 Utilities**33 40 Stormwater Utilities****33 46 Stormwater Management**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 46 23 00-0019	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ SC-310)	133.30	
33 46 23 00-0020		90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500) <small>(33 46 23 00-0001)</small>		
33 46 23 00-0021	EA	Up To 10, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500).....	961.74	
33 46 23 00-0022	EA	>10 To 20, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500).....	898.53	
33 46 23 00-0023	EA	>20 To 30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500).....	847.00	
33 46 23 00-0024	EA	>30, 90" Long x 77" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC3500).....	799.84	
33 46 23 00-0025	EA	Up To 10, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500).....	807.02	
33 46 23 00-0026	EA	>10 To 20, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500).....	751.52	
33 46 23 00-0027	EA	>20 To 30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500).....	707.35	
33 46 23 00-0028	EA	>30, 25.7" Long x 75" Wide x 45" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC3500).....	667.18	
33 46 23 00-0029		85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780) <small>(33 46 23 00-0001)</small>		
33 46 23 00-0030	EA	Up To 10, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780).....	581.23	
33 46 23 00-0031	EA	>10 To 20, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780).....	538.72	
33 46 23 00-0032	EA	>20 To 30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780).....	506.98	
33 46 23 00-0033	EA	>30, 85.4" Long x 51" Wide x 30" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ DC-780).....	476.34	
33 46 23 00-0034	EA	Up To 10, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780)	222.71	
33 46 23 00-0035	EA	>10 To 20, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780).....	193.92	
33 46 23 00-0036	EA	>20 To 30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780).....	183.42	
33 46 23 00-0037	EA	>30, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ DC-780).....	168.96	
33 46 23 00-0038		52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500) <small>(33 46 23 00-0001)</small>		
33 46 23 00-0039	EA	Up To 10, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500).....	998.31	
33 46 23 00-0040	EA	>10 To 20, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500).....	931.60	
33 46 23 00-0041	EA	>20 To 30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500).....	876.61	
33 46 23 00-0042	EA	>30, 52" Long x 100" Wide x 60" High, Polypropylene Corrugated Wall Stormwater Collection Chambers (StormTech™ MC4500).....	828.46	
33 46 23 00-0043	EA	Up To 10, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500).....	1,248.82	
33 46 23 00-0044	EA	>10 To 20, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500).....	1,169.57	
33 46 23 00-0045	EA	>20 To 30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500).....	1,102.69	
33 46 23 00-0046	EA	>30, 35.1" Long x 90.2" Wide x 59.4" High, Polypropylene Corrugated Wall Stormwater Collection Chamber End Cap (StormTech™ MC4500).....	1,043.24	
33 46 23 00-0047		Cut Opening In Polypropylene Corrugated Wall Stormwater Collection Chambers <small>(33 46 23 00-0001)</small>		
33 46 23 00-0048	EA	Cut Up To 6" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap	55.15	
33 46 23 00-0049	EA	Cut >6" To 12" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap.....	69.75	
33 46 23 00-0050	EA	Cut >12" To 24" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap.....	91.44	
33 46 23 00-0051	EA	Cut >24" To 36" Diameter Opening, Polypropylene Corrugated Wall Stormwater Collection Chamber Or End Cap.....	115.51	
33 46 23 00-0052	EA	12" x 6" Inspection Port Kit	713.31	
		Note: (2712AG6IPKIT)		
33 46 53		Stormwater Leaching Pits <small>(33 46)</small>		
33 46 53 00-0001		Drainage Wells <small>(33 46 53)</small> Note: Includes augering hole.		
33 46 53 00-0002	LF	12" Diameter Drainage Well With Corrugated Metal Liner	29.53	
33 46 53 00-0003	LF	18" Diameter Drainage Well With Corrugated Metal Liner	36.05	
33 46 53 00-0004	LF	24" Diameter Drainage Well With Corrugated Metal Liner	48.23	

33 50 Hydrocarbon Utilities (33)**33 52 Hydrocarbon Transmission and Distribution** (33 50)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 52 16 Gas Hydrocarbon Piping (33 52)

33 52 16 13 Steel Natural Gas Piping (33 52 16)

See CSI section 23 05 23 00-0000 for gas valves.

33 52 16 13-0001 Gas Distribution Lines (33 52 16 13)
Note: Excludes excavation and backfill.

33 52 16 13-0002 Steel, Schedule 40, Plain End, Coal Tar Enamel And Wrapped (33 52 16 13-0001)

33 52 16 13-0003	LF	1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	28.58	2.65
33 52 16 13-0004	LF	3/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	33.59	2.91
33 52 16 13-0005	LF	1" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	40.02	2.98
33 52 16 13-0006	LF	1-1/4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	41.05	3.07
33 52 16 13-0007	LF	1-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	42.94	3.11
33 52 16 13-0008	LF	2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	45.32	3.33
33 52 16 13-0009	LF	2-1/2" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	66.75	4.02
33 52 16 13-0010	LF	3" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	82.95	5.07
33 52 16 13-0011	LF	4" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	114.90	6.13
33 52 16 13-0012	LF	5" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	160.32	7.10
33 52 16 13-0013	LF	6" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	202.66	8.68
33 52 16 13-0014	LF	8" Diameter Schedule 40 Steel Gas Distribution Line, Plain End, Coal Tar Enamel.....	301.36	11.15

33 52 16 13-0015 Gas Line Taps (33 52 16 13-0001)
Note: Includes material to tap into main and gas valve.

33 52 16 13-0016 Polyethylene, 60 PSI (33 52 16 13-0015)

33 52 16 13-0017	EA	2" Polyethylene Hot Tap, With Valve.....	4,783.13	
33 52 16 13-0018	EA	2-1/2" Polyethylene Hot Tap, With Valve.....	2,056.15	
33 52 16 13-0019	EA	3" Polyethylene Hot Tap, With Valve.....	2,165.04	
33 52 16 13-0020	EA	4" Polyethylene Hot Tap, With Valve.....	8,275.84	
33 52 16 13-0021	EA	6" Polyethylene Hot Tap, With Valve.....	13,007.17	

33 52 16 13-0022 Steel, Schedule 40 (33 52 16 13-0015)

Note: For punch steel service tee.

33 52 16 13-0023	EA	1/2" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,028.31	
33 52 16 13-0024	EA	3/4" Iron Pipe Size Weld Base, 1/2" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,079.71	
33 52 16 13-0025	EA	3/4" Iron Pipe Size Weld Base, 3/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,146.76	
33 52 16 13-0026	EA	3/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,211.99	
33 52 16 13-0027	EA	1" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,263.26	
33 52 16 13-0028	EA	1-1/4" Iron Pipe Size Weld Base, 1" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,556.84	
33 52 16 13-0029	EA	1-1/4" Iron Pipe Size Weld Base, 1-1/4" Iron Pipe Size Compression/Plain End Pipe Outlet Punch Valve Steel Service Tee.....	3,642.67	

33 52 16 13-0030 Protective Pipe And Fitting Wrap (33 52 16 13-0001)

Note: Includes cleaning and priming pipe.

33 52 16 13-0031 Corrosion Protection Pipe Wrap For Pipe (33 52 16 13-0030)

Note: Field applied.

33 52 16 13-0032	LF	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.00	
33 52 16 13-0033	LF	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.17	
33 52 16 13-0034	LF	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.37	
33 52 16 13-0035	LF	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	3.76	
33 52 16 13-0036	LF	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.06	
33 52 16 13-0037	LF	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	4.64	
33 52 16 13-0038	LF	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	5.59	
33 52 16 13-0039	LF	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	6.85	
33 52 16 13-0040	LF	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	8.57	
33 52 16 13-0041	LF	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe.....	11.27	

33 52 16 13-0042 Corrosion Resistance Wrap And Coat - Fittings (33 52 16 13-0030)

Note: Field applied.

33 52 16 13-0043	EA	1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	18.03	
33 52 16 13-0044	EA	3/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	18.03	
33 52 16 13-0045	EA	1" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	22.32	
33 52 16 13-0046	EA	1-1/4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	25.01	
33 52 16 13-0047	EA	1-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	25.01	
33 52 16 13-0048	EA	2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	29.60	
33 52 16 13-0049	EA	2-1/2" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	39.59	
33 52 16 13-0050	EA	3" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	53.19	
33 52 16 13-0051	EA	4" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	53.69	
33 52 16 13-0052	EA	6" Outside Pipe Diameter, Corrosion Protection Wrap For Pipe Fittings.....	61.63	

33 52 16 13-0053 Service Fittings (33 52 16 13-0001)

33 Utilities**33 50 Hydrocarbon Utilities****33 52 Hydrocarbon Transmission and Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 13-0054			Brass Fittings <small>(33 52 16 13-0053)</small>		
33 52 16 13-0055	EA		1/2" X 2" Long Nipples, Threaded Both Ends, Brass	36.61	
33 52 16 13-0056	EA		3/4" X 2" Long Nipples, Threaded Both Ends, Brass	42.86	
33 52 16 13-0057	EA		1" X 2" Long Nipples, Threaded Both Ends, Brass	54.86	
33 52 16 13-0058	EA		1-1/4" X 2" Long Nipples, Threaded Both Ends, Brass	68.83	
33 52 16 13-0059	EA		1-1/2" X 2" Long Nipples, Threaded Both Ends, Brass	77.59	
33 52 16 13-0060	EA		2" X 2" Long Nipples, Threaded Both Ends, Brass	102.52	
33 52 16 13-0061	EA		1/2" 90 Degree Elbow, Brass	31.16	
33 52 16 13-0062	EA		3/4" 90 Degree Elbow, Brass	36.10	
33 52 16 13-0063	EA		1" 90 Degree Elbow, Brass	47.47	
33 52 16 13-0064	EA		1-1/4" 90 Degree Elbow, Brass	62.40	
33 52 16 13-0065	EA		1-1/2" 90 Degree Elbow, Brass	71.83	
33 52 16 13-0066	EA		2" 90 Degree Elbow, Brass	97.77	
33 52 16 13-0067	EA		1/2" Diameter Chrome Plated Nipple	25.43	
33 52 16 13-0068	EA		3/4" Diameter Chrome Plated Nipple	32.89	
33 52 16 13-0069	EA		1" Diameter Chrome Plated Nipple	42.87	
33 52 16 13-0070	EA		1-1/4" Diameter Chrome Plated Nipple	61.30	
33 52 16 13-0071	EA		1-1/2" Diameter Chrome Plated Nipple	74.68	
33 52 16 13-0072	EA		2" Diameter Chrome Plated Nipple	101.56	
33 52 16 13-0073			Anodless Gas Riser <small>(33 52 16 13-0053)</small>		
33 52 16 13-0074	EA		3/4" Anodless Gas Riser	93.53	
33 52 16 13-0075	EA		1" Anodless Gas Riser	116.20	
33 52 16 13-0076	EA		1-1/4" Anodless Gas Riser	137.29	
33 52 16 13-0077	EA		1-1/2" Anodless Gas Riser	173.74	
33 52 16 13-0078	EA		2" Anodless Gas Riser	200.51	
33 52 16 13-0079			Brass Service Adapter <small>(33 52 16 13-0053)</small>		
33 52 16 13-0080	EA		1/2" Brass Service Adapter	69.82	
33 52 16 13-0081	EA		3/4" Brass Service Adapter	76.84	
33 52 16 13-0082	EA		1" Brass Service Adapter	92.57	
33 52 16 13-0083	EA		1-1/4" Brass Service Adapter	115.68	
33 52 16 13-0084	EA		1-1/2" Brass Service Adapter	142.35	
33 52 16 13-0085	EA		2" Brass Service Adapter	175.04	
33 52 16 13-0086	EA		2-1/2" Brass Service Adapter	306.51	
33 52 16 13-0087	EA		3" Brass Service Adapter	375.17	
33 52 16 13-0088	EA		4" Brass Service Adapter	544.98	
33 52 16 23			Medium Density Polyethylene Piping for Natural Gas <small>(33 52 16)</small>		
33 52 16 23-0001			Medium Density Polyethylene (MDPE) Gas Distribution Piping <small>(33 52 16 23)</small>		
			Note: PE2406/PE2708. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 23-0002	LF		1/2" Diameter, SDR 9, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	3.79	1.67
			For Colors, Add	0.05	
33 52 16 23-0003	LF		3/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.22	1.79
			For SDR 13.5, Deduct	-0.11	
			For Colors, Add	0.07	
33 52 16 23-0004	LF		1" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	4.65	1.90
			For SDR 13.5, Deduct	-0.13	
			For Colors, Add	0.08	
33 52 16 23-0005	LF		1-1/4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.11	2.02
			For SDR 13.5, Deduct	-0.16	
			For Colors, Add	0.10	
33 52 16 23-0006	LF		1-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	5.88	2.44
			For SDR 13.5, Deduct	-0.22	
			For Colors, Add	0.14	
33 52 16 23-0007	LF		2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	6.66	2.65
			For SDR 13.5, Deduct	-0.29	
			For SDR 15.5, Deduct	-0.53	
			For Colors, Add	0.19	
33 52 16 23-0008	LF		2-1/2" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	8.45	3.10
			For SDR 13.5, Deduct	-0.48	
			For SDR 15.5, Deduct	-0.88	
			For Colors, Add	0.31	
33 52 16 23-0009	LF		3" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	10.35	3.69
			For SDR 13.5, Deduct	-0.66	
			For SDR 15.5, Deduct	-1.21	
			For Colors, Add	0.42	
33 52 16 23-0010	LF		4" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	16.93	4.32
			For SDR 13.5, Deduct	-1.22	
			For SDR 15.5, Deduct	-2.23	
			For Colors, Add	0.78	
33 52 16 23-0011	LF		5" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	21.42	4.32
			For SDR 13.5, Deduct	-1.69	
			For SDR 15.5, Deduct	-3.10	
			For Colors, Add	1.09	
33 52 16 23-0012	LF		6" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	26.01	4.32
			For SDR 13.5, Deduct	-2.16	
			For SDR 15.5, Deduct	-3.96	
			For Colors, Add	1.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 52 16 23-0013 LF 8" Diameter, SDR 11, Medium Density Polyethylene (MDPE) Gas Distribution Pipe	38.66	5.40
<i>For SDR 13.5, Deduct</i>	-3.59	
<i>For SDR 15.5, Deduct</i>	-6.60	
<i>For Colors, Add</i>	2.32	
33 52 16 26 High Density Polyethylene Piping for Natural Gas <small>(33 52 16)</small>		
33 52 16 26-0001 High Density Polyethylene (HDPE) Gas Distribution Piping <small>(33 52 16 26)</small>		
Note: ASTM F2619, ASTM D2513, API 15 LE. Includes couplings, #12 tracer wire, helically wrapped around piping.		
33 52 16 26-0002 LF 1/2" Diameter, SDR 9 High Density Polyethylene (HDPE) Gas Distribution Pipe	3.86	1.67
33 52 16 26-0003 LF 3/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.32	1.79
<i>For SDR 13.5, Deduct</i>	-0.12	
33 52 16 26-0004 LF 1" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	4.75	1.90
<i>For SDR 13.5, Deduct</i>	-0.14	
33 52 16 26-0005 LF 1-1/4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	5.24	2.02
<i>For SDR 13.5, Deduct</i>	-0.17	
33 52 16 26-0006 LF 1-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	6.06	2.44
<i>For SDR 13.5, Deduct</i>	-0.24	
33 52 16 26-0007 LF 2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	6.89	2.65
<i>For SDR 13.5, Deduct</i>	-0.32	
<i>For SDR 15.5, Deduct</i>	-0.58	
<i>For SDR 17, Deduct</i>	-0.85	
33 52 16 26-0008 LF 2-1/2" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	8.84	3.10
<i>For SDR 13.5, Deduct</i>	-0.53	
<i>For SDR 15.5, Deduct</i>	-0.97	
<i>For SDR 17, Deduct</i>	-1.41	
33 52 16 26-0009 LF 3" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	10.88	3.69
<i>For SDR 13.5, Deduct</i>	-0.72	
<i>For SDR 15.5, Deduct</i>	-1.33	
<i>For SDR 17, Deduct</i>	-1.93	
<i>For SDR 21, Deduct</i>	-2.64	
33 52 16 26-0010 LF 4" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	17.91	4.32
<i>For SDR 13.5, Deduct</i>	-1.34	
<i>For SDR 15.5, Deduct</i>	-2.46	
<i>For SDR 17, Deduct</i>	-3.57	
<i>For SDR 21, Deduct</i>	-4.88	
33 52 16 26-0011 LF 6" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	27.75	4.32
<i>For SDR 13.5, Deduct</i>	-2.37	
<i>For SDR 15.5, Deduct</i>	-4.36	
<i>For SDR 17, Deduct</i>	-6.33	
<i>For SDR 21, Deduct</i>	-8.66	
33 52 16 26-0012 LF 8" Diameter, SDR 11 High Density Polyethylene (HDPE) Gas Distribution Pipe	41.55	5.40
<i>For SDR 13.5, Deduct</i>	-3.95	
<i>For SDR 15.5, Deduct</i>	-7.26	
<i>For SDR 17, Deduct</i>	-10.54	
<i>For SDR 21, Deduct</i>	-14.42	
33 53 Hydrocarbon Utility Pressure Regulation <small>(33 50)</small>		
33 53 16 Gas Hydrocarbon Pressure Regulation <small>(33 53)</small>		
33 53 16 00-0001 Gas Pressure Regulators With Screwed And Flanged Ends <small>(33 53 16)</small>		
33 53 16 00-0002 EA 3/4" Gas Pressure Regulator, Screwed End	250.30	17.15
33 53 16 00-0003 EA 1" Gas Pressure Regulator, Screwed End	254.19	17.15
33 53 16 00-0004 EA 1-1/4" Gas Pressure Regulator, Screwed End	263.53	20.36
33 53 16 00-0005 EA 1-1/2" Gas Pressure Regulator, Screwed End	930.56	23.57
33 53 16 00-0006 EA 2" Gas Pressure Regulator, Screwed End	979.80	36.52
33 53 16 00-0007 EA 3" Gas Pressure Regulator, Screwed End	2,771.29	81.92
33 53 16 00-0008 EA 4" Gas Pressure Regulator, Screwed End	3,858.11	108.57
33 56 Hydrocarbon Storage <small>(33 50)</small>		
33 56 13 Aboveground Hydrocarbon Storage Tanks <small>(33 56)</small>		
See CSI section 23 13 23 00-0000 for aboveground storage tanks.		
33 56 33 Underground Hydrocarbon Storage <small>(33 56)</small>		
See CSI section 23 13 13 00-0000 for underground storage tanks.		
33 59 Hydrocarbon Utility Metering <small>(33 50)</small>		
33 59 11 Diaphragm/Bellows Hydrocarbons Meters <small>(33 59)</small>		
33 59 11 00-0001 Diaphragm Meters <small>(33 59 11)</small>		
Note: With standard direct-digital reading maximum working pressures 5 lbs to 100 lbs, threaded connections. Excludes pressure and temperature compensation.		
33 59 11 00-0002 EA 250 CF/Hour Gas Diaphragm Meter At 5 LB, Direct Digital, Threaded	585.04	67.11
<i>For Temperature And Pressure Compensation, Add</i>	8.40	
<i>For Pulsers, Add</i>	26.50	
33 59 11 00-0003 EA 425 CF/Hour Gas Diaphragm Meter At 10 LB, Direct Digital, Threaded	1,180.73	102.64
<i>For Temperature And Pressure Compensation, Add</i>	8.40	
<i>For Pulsers, Add</i>	26.50	

33 Utilities**33 50 Hydrocarbon Utilities****33 59 Hydrocarbon Utility Metering**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 59 11 00-0004 EA 425 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	1,408.08 8.40 26.50	102.64
33 59 11 00-0005 EA 800 CF/Hour Gas Diaphragm Meter At 20 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	3,188.63 8.40 26.50	128.30
33 59 11 00-0006 EA 1,000 CF/Hour Gas Diaphragm Meter At 25 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	3,590.59 8.40 26.50	157.92
33 59 11 00-0007 EA 800 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	4,813.13 8.40 26.50	128.30
33 59 11 00-0008 EA 1,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	5,338.74 8.40 26.50	157.92
33 59 11 00-0009 EA 1,400 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	7,091.03 8.40 26.50	167.79
33 59 11 00-0010 EA 2,300 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	10,072.97 8.40 26.50	197.39
33 59 11 00-0011 EA 5,000 CF/Hour Gas Diaphragm Meter At 100 LB, Direct Digital, Threaded <i>For Temperature And Pressure Compensation, Add For Pulsers, Add</i>	15,356.98 8.40 26.50	325.71

33 59 16 Hydrocarbons Turbine Meters (33 59)

33 59 16 00-0001 Gas Turbine Meters With Direct-Digital Reading <small>(33 59 16)</small> Note: Maximum working pressure 175 PSI, flanged end connections.		
33 59 16 00-0002 EA 4", 18,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	12,252.37	350.21
33 59 16 00-0003 EA 6", 30,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	13,380.13	406.69
33 59 16 00-0004 EA 8", 60,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	20,756.75	432.82
33 59 16 00-0005 EA 10", 90,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	40,452.68	526.91
33 59 16 00-0006 EA 12", 150,000 CF/Hour Gas Turbine Meter 175 PSI, Direct Digital, Flanged	66,353.53	658.63

33 60 Hydronic and Steam Energy Utilities (33)**33 61 Hydronic Energy Distribution** (33 60)**33 61 13 Buried Hydronic Energy Distribution** (33 61)

33 61 13 00-0001 Prefabricated/Preinsulated Pipe <small>(33 61 13)</small> Note: Includes coupling per full length of pipe. Insulation and jacketing sealed for seamless system including all fittings. Excludes excavation and backfill. See CSI section 23 01 20 91-0041 for purging of existing system.		
33 61 13 00-0002 Preinsulated Schedule 40 Black Steel Pipe <small>(33 61 13 00-0001)</small> Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0003 Standard Black Steel Carrier Pipe <small>(33 61 13 00-0002)</small> Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0004 LF 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	156.38 2.64 26.42	18.20
33 61 13 00-0005 LF 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	171.49 2.91 29.06	19.64
33 61 13 00-0006 LF 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	191.46 3.27 32.73	20.86
33 61 13 00-0007 LF 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	204.99 3.51 35.12	22.03
33 61 13 00-0008 LF 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	214.79 3.67 36.72	23.38
33 61 13 00-0009 LF 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	238.12 3.99 39.91	28.91
33 61 13 00-0010 LF 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	262.59 4.31 43.11	35.29
33 61 13 00-0011 LF 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add For Schedule 80 Pipe, Add</i>	331.33 5.43 54.28	44.93

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0012 LF 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	420.63 6.95 69.45	55.04
33 61 13 00-0013 LF 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	489.11 8.06 80.63	64.48
33 61 13 00-0014 LF 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	690.61 11.73 117.35	77.92
33 61 13 00-0015 LF 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	897.95 15.49 154.87	92.71
33 61 13 00-0016 LF 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	1,118.07 19.32 193.19	114.10
33 61 13 00-0017 Standard Black Steel Carrier Pipe <small>(33 61 13 00-0002)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0018 LF 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	169.59 2.91 29.07	18.20
33 61 13 00-0019 LF 1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	186.02 3.20 31.96	19.64
33 61 13 00-0020 LF 1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	207.83 3.60 36.00	20.86
33 61 13 00-0021 LF 1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	222.56 3.86 38.64	22.03
33 61 13 00-0022 LF 2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	233.15 4.04 40.39	23.38
33 61 13 00-0023 LF 2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	258.08 4.39 43.91	28.91
33 61 13 00-0024 LF 3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	284.14 4.74 47.42	35.29
33 61 13 00-0025 LF 4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	358.47 5.97 59.71	44.93
33 61 13 00-0026 LF 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	455.35 7.64 76.40	55.04
33 61 13 00-0027 LF 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	529.42 8.87 88.69	64.48
33 61 13 00-0028 LF 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	749.29 12.91 129.08	77.92
33 61 13 00-0029 LF 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	975.39 17.04 170.36	92.71
33 61 13 00-0030 LF 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	1,214.66 21.25 212.50	114.10
33 61 13 00-0031 Standard Black Steel Carrier Pipe <small>(33 61 13 00-0002)</small> Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0032 LF 3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	176.20 3.04 30.39	18.20

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0033	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	193.28	19.64
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.34	
			<i>For Schedule 80 Pipe, Add</i>	33.42	
33 61	13 00-0034	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	216.01	20.86
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.76	
			<i>For Schedule 80 Pipe, Add</i>	37.64	
33 61	13 00-0035	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	231.34	22.03
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.04	
			<i>For Schedule 80 Pipe, Add</i>	40.39	
33 61	13 00-0036	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	242.33	23.38
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.22	
			<i>For Schedule 80 Pipe, Add</i>	42.23	
33 61	13 00-0037	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	268.06	28.91
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.59	
			<i>For Schedule 80 Pipe, Add</i>	45.90	
33 61	13 00-0038	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	294.92	35.29
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.96	
			<i>For Schedule 80 Pipe, Add</i>	49.57	
33 61	13 00-0039	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	372.04	44.93
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.24	
			<i>For Schedule 80 Pipe, Add</i>	62.43	
33 61	13 00-0040	LF	5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	472.72	55.04
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.99	
			<i>For Schedule 80 Pipe, Add</i>	79.87	
33 61	13 00-0041	LF	6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	549.58	64.48
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.27	
			<i>For Schedule 80 Pipe, Add</i>	92.72	
33 61	13 00-0042	LF	8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	778.62	77.92
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.50	
			<i>For Schedule 80 Pipe, Add</i>	134.95	
33 61	13 00-0043	LF	10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,014.10	92.71
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.81	
			<i>For Schedule 80 Pipe, Add</i>	178.10	
33 61	13 00-0044	LF	12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,262.96	114.10
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.22	
			<i>For Schedule 80 Pipe, Add</i>	222.16	
33 61	13 00-0045		Standard Black Steel Carrier Pipe <small>(33 61 13 00-0002)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0046	LF	3/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	186.10	18.20
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.24	
			<i>For Schedule 80 Pipe, Add</i>	32.37	
33 61	13 00-0047	LF	1" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	204.18	19.64
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.56	
			<i>For Schedule 80 Pipe, Add</i>	35.60	
33 61	13 00-0048	LF	1-1/4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	228.28	20.86
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.01	
			<i>For Schedule 80 Pipe, Add</i>	40.09	
33 61	13 00-0049	LF	1-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	244.51	22.03
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.30	
			<i>For Schedule 80 Pipe, Add</i>	43.03	
33 61	13 00-0050	LF	2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	256.10	23.38
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.50	
			<i>For Schedule 80 Pipe, Add</i>	44.98	
33 61	13 00-0051	LF	2-1/2" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	283.03	28.91
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.89	
			<i>For Schedule 80 Pipe, Add</i>	48.90	
33 61	13 00-0052	LF	3" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	311.08	35.29
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.28	
			<i>For Schedule 80 Pipe, Add</i>	52.81	
33 61	13 00-0053	LF	4" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	392.40	44.93
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.65	
			<i>For Schedule 80 Pipe, Add</i>	66.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0054 LF 5" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	498.76 8.51 85.08	55.04
33 61 13 00-0055 LF 6" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	579.81 9.88 98.77	64.48
33 61 13 00-0056 LF 8" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	822.63 14.38 143.75	77.92
33 61 13 00-0057 LF 10" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	1,072.18 18.97 189.71	92.71
33 61 13 00-0058 LF 12" Diameter Preinsulated Schedule 40 Black Steel Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i> <i>For Schedule 80 Pipe, Add</i>	1,335.40 23.67 236.65	114.10
33 61 13 00-0059 Preinsulated Black Steel Fittings <small>(33 61 13 00-0001)</small> Note: No excavation or backfill.		
33 61 13 00-0060 Elbows <small>(33 61 13 00-0059)</small>		
33 61 13 00-0061 Elbows <small>(33 61 13 00-0060)</small> Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0062 EA 3/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,115.92 20.13	
33 61 13 00-0063 EA 1" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,148.07 20.60	
33 61 13 00-0064 EA 1-1/4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,311.61 23.44	
33 61 13 00-0065 EA 1-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,449.16 25.57	
33 61 13 00-0066 EA 2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,587.68 26.64	
33 61 13 00-0067 EA 2-1/2" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,759.16 27.70	
33 61 13 00-0068 EA 3" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,036.44 31.97	
33 61 13 00-0069 EA 4" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,376.20 37.29	
33 61 13 00-0070 EA 5" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2,944.94 47.95	
33 61 13 00-0071 EA 6" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3,297.80 54.46	
33 61 13 00-0072 EA 8" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4,703.87 78.73	
33 61 13 00-0073 EA 10" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6,203.20 100.64	
33 61 13 00-0074 EA 12" Diameter Preinsulated Black Steel Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8,066.08 133.20	
33 61 13 00-0075 Elbows <small>(33 61 13 00-0060)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0076 EA 3/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,191.40 21.64	
33 61 13 00-0077 EA 1" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,225.33 22.15	
33 61 13 00-0078 EA 1-1/4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,399.52 25.20	
33 61 13 00-0079 EA 1-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,545.06 27.49	
33 61 13 00-0080 EA 2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket <i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1,687.58 28.64	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0081	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,863.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.78	
33 61	13 00-0082	EA	3" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,156.32	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.36	
33 61	13 00-0083	EA	4" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,516.06	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	40.09	
33 61	13 00-0084	EA	5" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,124.76	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	51.55	
33 61	13 00-0085	EA	6" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,502.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	58.55	
33 61	13 00-0086	EA	8" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,999.12	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	84.64	
33 61	13 00-0087	EA	10" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,580.59	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	108.18	
33 61	13 00-0088	EA	12" Diameter Preinsulated Black Steel Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	8,565.56	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	143.18	
33 61	13 00-0089		Elbows <small>(33 61 13 00-0060)</small>		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0090	EA	3/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,266.88	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.15	
33 61	13 00-0091	EA	1" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,302.58	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.69	
33 61	13 00-0092	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,487.43	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.96	
33 61	13 00-0093	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,640.96	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.41	
33 61	13 00-0094	EA	2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,787.47	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.63	
33 61	13 00-0095	EA	2-1/2" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,966.94	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.86	
33 61	13 00-0096	EA	3" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,276.19	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	36.76	
33 61	13 00-0097	EA	4" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,655.91	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.89	
33 61	13 00-0098	EA	5" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,304.57	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	55.14	
33 61	13 00-0099	EA	6" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,706.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	62.63	
33 61	13 00-0100	EA	8" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,294.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	90.54	
33 61	13 00-0101	EA	10" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,957.97	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	115.73	
33 61	13 00-0102	EA	12" Diameter Preinsulated Black Steel Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	9,065.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	153.17	
33 61	13 00-0103		Elbows <small>(33 61 13 00-0060)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0104	EA	3/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,342.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.66	
33 61	13 00-0105	EA	1" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,379.83	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.24	
33 61	13 00-0106	EA	1-1/4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,575.33	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.72	
33 61	13 00-0107	EA	1-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,736.87	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.33	
33 61	13 00-0108	EA	2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,887.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.63	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0109 EA 2-1/2" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,070.84	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.94	
33 61 13 00-0110 EA 3" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,396.07	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.16	
33 61 13 00-0111 EA 4" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,795.77	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.69	
33 61 13 00-0112 EA 5" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,484.38	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	58.74	
33 61 13 00-0113 EA 6" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,910.50	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	66.72	
33 61 13 00-0114 EA 8" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,589.62	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	96.45	
33 61 13 00-0115 EA 10" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,335.36	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	123.28	
33 61 13 00-0116 EA 12" Diameter Preinsulated Black Steel Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	9,564.53	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	163.16	
33 61 13 00-0117 Tees <small>(33 61 13 00-0059)</small>		
33 61 13 00-0118 Tees <small>(33 61 13 00-0117)</small>		
<i>Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</i>		
33 61 13 00-0119 EA 3/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,658.74	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.89	
33 61 13 00-0120 EA 1" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,706.49	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.59	
33 61 13 00-0121 EA 1-1/4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,949.65	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.81	
33 61 13 00-0122 EA 1-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,154.36	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.98	
33 61 13 00-0123 EA 2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,361.09	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.56	
33 61 13 00-0124 EA 2-1/2" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,617.29	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	41.14	
33 61 13 00-0125 EA 3" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,030.68	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	47.47	
33 61 13 00-0126 EA 4" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,536.34	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	55.38	
33 61 13 00-0127 EA 5" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,384.35	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	71.21	
33 61 13 00-0128 EA 6" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,906.65	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	80.88	
33 61 13 00-0129 EA 8" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,995.34	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	116.92	
33 61 13 00-0130 EA 10" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	9,231.39	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	149.45	
33 61 13 00-0131 EA 12" Diameter Preinsulated Black Steel Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	11,999.22	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	197.79	
33 61 13 00-0132 Tees <small>(33 61 13 00-0117)</small>		
<i>Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</i>		
33 61 13 00-0133 EA 3/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,770.82	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.13	
33 61 13 00-0134 EA 1" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,821.21	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	32.89	
33 61 13 00-0135 EA 1-1/4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,080.19	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.42	
33 61 13 00-0136 EA 1-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,296.77	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	40.82	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0137	EA	2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,509.43	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.53	
33 61	13 00-0138	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,771.57	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	44.23	
33 61	13 00-0139	EA	3" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,208.69	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	51.03	
33 61	13 00-0140	EA	4" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,744.02	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	59.54	
33 61	13 00-0141	EA	5" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,651.37	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	76.55	
33 61	13 00-0142	EA	6" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,209.93	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	86.94	
33 61	13 00-0143	EA	8" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,433.78	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	125.69	
33 61	13 00-0144	EA	10" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	9,791.81	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	160.65	
33 61	13 00-0145	EA	12" Diameter Preinsulated Black Steel Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	12,740.95	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	212.63	
33 61	13 00-0146		Tees <small>(33 61 13 00-0117)</small>		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0147	EA	3/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,882.91	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.37	
33 61	13 00-0148	EA	1" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,935.94	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.18	
33 61	13 00-0149	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,210.73	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	40.03	
33 61	13 00-0150	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,439.19	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	43.67	
33 61	13 00-0151	EA	2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,657.78	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.49	
33 61	13 00-0152	EA	2-1/2" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,925.85	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	47.31	
33 61	13 00-0153	EA	3" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,386.71	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	54.59	
33 61	13 00-0154	EA	4" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,951.71	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	63.69	
33 61	13 00-0155	EA	5" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,918.39	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	81.89	
33 61	13 00-0156	EA	6" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,513.22	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	93.01	
33 61	13 00-0157	EA	8" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,872.23	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	134.46	
33 61	13 00-0158	EA	10" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	10,352.22	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	171.86	
33 61	13 00-0159	EA	12" Diameter Preinsulated Black Steel Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	13,482.69	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	227.46	
33 61	13 00-0160		Tees <small>(33 61 13 00-0117)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0161	EA	3/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,994.99	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	36.61	
33 61	13 00-0162	EA	1" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,050.66	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.48	
33 61	13 00-0163	EA	1-1/4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,341.28	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.64	
33 61	13 00-0164	EA	1-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,581.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	46.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0165 EA 2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,806.13	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	48.46	
33 61 13 00-0166 EA 2-1/2" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,080.13	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	50.40	
33 61 13 00-0167 EA 3" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,564.72	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	58.15	
33 61 13 00-0168 EA 4" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,159.39	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	67.84	
33 61 13 00-0169 EA 5" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,185.42	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	87.23	
33 61 13 00-0170 EA 6" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,816.50	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	99.07	
33 61 13 00-0171 EA 8" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	8,310.68	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	143.23	
33 61 13 00-0172 EA 10" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	10,912.64	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	183.07	
33 61 13 00-0173 EA 12" Diameter Preinsulated Black Steel Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	14,224.42	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	242.30	
33 61 13 00-0174 Reducers <small>(33 61 13 00-0059)</small>		
33 61 13 00-0175 Reducers <small>(33 61 13 00-0174)</small>		
Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0176 EA 3/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	933.92	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.71	
33 61 13 00-0177 EA 1" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	961.14	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.10	
33 61 13 00-0178 EA 1-1/4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,098.41	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.46	
33 61 13 00-0179 EA 1-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,214.67	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.23	
33 61 13 00-0180 EA 2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,335.57	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.11	
33 61 13 00-0181 EA 2-1/2" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,494.69	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.99	
33 61 13 00-0182 EA 3" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,724.43	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.53	
33 61 13 00-0183 EA 4" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,007.83	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.95	
33 61 13 00-0184 EA 5" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,482.80	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.80	
33 61 13 00-0185 EA 6" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,777.59	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.20	
33 61 13 00-0186 EA 8" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,958.09	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	65.35	
33 61 13 00-0187 EA 10" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,231.15	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	83.53	
33 61 13 00-0188 EA 12" Diameter Preinsulated Black Steel Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	6,791.14	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	110.55	
33 61 13 00-0189 Reducers <small>(33 61 13 00-0174)</small>		
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0190 EA 3/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	996.57	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.96	
33 61 13 00-0191 EA 1" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,025.26	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.38	
33 61 13 00-0192 EA 1-1/4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,171.37	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.92	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0193	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,294.27	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.82	
33 61	13 00-0194	EA	2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,418.48	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.77	
33 61	13 00-0195	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,580.92	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.72	
33 61	13 00-0196	EA	3" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,823.93	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.52	
33 61	13 00-0197	EA	4" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,123.91	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.28	
33 61	13 00-0198	EA	5" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,632.04	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.78	
33 61	13 00-0199	EA	6" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,947.11	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	48.59	
33 61	13 00-0200	EA	8" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,203.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	70.25	
33 61	13 00-0201	EA	10" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,544.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	89.79	
33 61	13 00-0202	EA	12" Diameter Preinsulated Black Steel Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,205.71	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	118.84	
33 61	13 00-0203		Reducers <small>(33 61 13 00-0174)</small>		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0204	EA	3/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,059.21	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.21	
33 61	13 00-0205	EA	1" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,089.38	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.66	
33 61	13 00-0206	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,244.34	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.38	
33 61	13 00-0207	EA	1-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,373.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	24.41	
33 61	13 00-0208	EA	2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,501.40	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.43	
33 61	13 00-0209	EA	2-1/2" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,667.15	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.44	
33 61	13 00-0210	EA	3" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,923.43	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	30.51	
33 61	13 00-0211	EA	4" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,239.99	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.60	
33 61	13 00-0212	EA	5" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,781.29	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.77	
33 61	13 00-0213	EA	6" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,116.62	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	51.98	
33 61	13 00-0214	EA	8" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,448.19	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	75.15	
33 61	13 00-0215	EA	10" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	5,857.61	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	96.06	
33 61	13 00-0216	EA	12" Diameter Preinsulated Black Steel Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	7,620.28	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	127.13	
33 61	13 00-0217		Reducers <small>(33 61 13 00-0174)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0218	EA	3/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,121.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.46	
33 61	13 00-0219	EA	1" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,153.50	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.95	
33 61	13 00-0220	EA	1-1/4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,317.30	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	23.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0221 EA 1-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 1,453.46 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 26.00	1,453.46	
33 61 13 00-0222 EA 2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 1,584.31 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 27.09	1,584.31	
33 61 13 00-0223 EA 2-1/2" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 1,753.38 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 28.17	1,753.38	
33 61 13 00-0224 EA 3" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 2,022.92 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 32.50	2,022.92	
33 61 13 00-0225 EA 4" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 2,356.07 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 37.92	2,356.07	
33 61 13 00-0226 EA 5" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 2,930.53 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 48.75	2,930.53	
33 61 13 00-0227 EA 6" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 3,286.13 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 55.37	3,286.13	
33 61 13 00-0228 EA 8" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 4,693.25 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 80.05	4,693.25	
33 61 13 00-0229 EA 10" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 6,170.84 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 102.32	6,170.84	
33 61 13 00-0230 EA 12" Diameter Preinsulated Black Steel Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 8,034.85 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 135.43	8,034.85	
33 61 13 00-0231 Preinsulated Type K Copper Pipe <small>(33 61 13 00-0001)</small> Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0232 Type K Copper Carrier Pipe <small>(33 61 13 00-0231)</small> Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0233 LF 3/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 45.35 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.41	45.35	16.61
33 61 13 00-0234 LF 1" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 49.36 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.45	49.36	17.93
33 61 13 00-0235 LF 1-1/4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 53.86 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.51	53.86	19.04
33 61 13 00-0236 LF 1-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 57.33 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.54	57.33	20.12
33 61 13 00-0237 LF 2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 60.41 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.57	60.41	21.35
33 61 13 00-0238 LF 2-1/2" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 70.44 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.62	70.44	26.40
33 61 13 00-0239 LF 3" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 81.64 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.67	81.64	32.21
33 61 13 00-0240 LF 4" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 103.50 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.84	103.50	41.03
33 61 13 00-0241 LF 5" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 129.05 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.07	129.05	50.24
33 61 13 00-0242 LF 6" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 150.62 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.25	150.62	58.87
33 61 13 00-0243 LF 8" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 197.40 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.82	197.40	71.41
33 61 13 00-0244 LF 10" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 246.68 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.40	246.68	84.64
33 61 13 00-0245 LF 12" Diameter Preinsulated Type K Copper Pipe With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 305.60 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.99	305.60	104.16
33 61 13 00-0246 Type K Copper Carrier Pipe <small>(33 61 13 00-0231)</small> Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0247 LF 3/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 47.39 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.45	47.39	16.61
33 61 13 00-0248 LF 1" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket..... 51.60 <i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.49	51.60	17.93

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0249	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	56.39	19.04
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.56	
33 61	13 00-0250	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	60.05	20.12
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.60	
33 61	13 00-0251	LF	2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	63.25	21.35
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.62	
33 61	13 00-0252	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	73.53	26.40
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.68	
33 61	13 00-0253	LF	3" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	84.98	32.21
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.73	
33 61	13 00-0254	LF	4" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	107.70	41.03
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.92	
33 61	13 00-0255	LF	5" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	134.42	50.24
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.18	
33 61	13 00-0256	LF	6" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	156.86	58.87
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.37	
33 61	13 00-0257	LF	8" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	206.47	71.41
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.00	
33 61	13 00-0258	LF	10" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	258.66	84.64
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.64	
33 61	13 00-0259	LF	12" Diameter Preinsulated Type K Copper Pipe With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	320.54	104.16
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.29	
33 61	13 00-0260		Type K Copper Carrier Pipe <small>(33 61 13 00-0231)</small> Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0261	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	48.41	16.61
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.47	
33 61	13 00-0262	LF	1" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	52.73	17.93
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.52	
33 61	13 00-0263	LF	1-1/4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	57.65	19.04
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.58	
33 61	13 00-0264	LF	1-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	61.40	20.12
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.62	
33 61	13 00-0265	LF	2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	64.67	21.35
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.65	
33 61	13 00-0266	LF	2-1/2" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	75.07	26.40
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.71	
33 61	13 00-0267	LF	3" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	86.64	32.21
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.77	
33 61	13 00-0268	LF	4" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	109.80	41.03
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.97	
33 61	13 00-0269	LF	5" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	137.11	50.24
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.24	
33 61	13 00-0270	LF	6" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	159.98	58.87
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	1.43	
33 61	13 00-0271	LF	8" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	211.01	71.13
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.09	
33 61	13 00-0272	LF	10" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	264.65	84.64
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	2.76	
33 61	13 00-0273	LF	12" Diameter Preinsulated Type K Copper Pipe With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	328.01	104.16
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.44	
33 61	13 00-0274		Type K Copper Carrier Pipe <small>(33 61 13 00-0231)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0275	LF	3/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	49.95	16.61
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.50	
33 61	13 00-0276	LF	1" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	54.41	17.93
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	0.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0277 LF 1-1/4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 59.55	59.55	19.04
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.62	0.62	
33 61 13 00-0278 LF 1-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 63.44	63.44	20.12
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.67	0.67	
33 61 13 00-0279 LF 2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 66.80	66.80	21.35
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.70	0.70	
33 61 13 00-0280 LF 2-1/2" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 77.39	77.39	26.40
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.76	0.76	
33 61 13 00-0281 LF 3" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 89.15	89.15	32.21
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 0.82	0.82	
33 61 13 00-0282 LF 4" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 112.95	112.95	41.03
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.03	1.03	
33 61 13 00-0283 LF 5" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 141.14	141.14	50.24
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.32	1.32	
33 61 13 00-0284 LF 6" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 164.66	164.66	58.87
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 1.53	1.53	
33 61 13 00-0285 LF 8" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 217.82	217.82	71.13
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.22	2.22	
33 61 13 00-0286 LF 10" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 273.63	273.63	84.64
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 2.93	2.93	
33 61 13 00-0287 LF 12" Diameter Preinsulated Type K Copper Pipe With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 339.22	339.22	104.16
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 3.66	3.66	
33 61 13 00-0288 Preinsulated Copper Fittings (33 61 13 00-0001)		
33 61 13 00-0289 Elbows (33 61 13 00-0288)		
33 61 13 00-0290 Elbows (33 61 13 00-0289)		
Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0291 EA 3/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 328.23	328.23	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 4.66	4.66	
33 61 13 00-0292 EA 1" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 341.08	341.08	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 4.77	4.77	
33 61 13 00-0293 EA 1-1/4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 392.61	392.61	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 5.43	5.43	
33 61 13 00-0294 EA 1-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 444.24	444.24	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 5.92	5.92	
33 61 13 00-0295 EA 2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 530.70	530.70	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 6.17	6.17	
33 61 13 00-0296 EA 2-1/2" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 645.81	645.81	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 6.41	6.41	
33 61 13 00-0297 EA 3" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 750.92	750.92	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 7.40	7.40	
33 61 13 00-0298 EA 4" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 876.38	876.38	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 8.63	8.63	
33 61 13 00-0299 EA 5" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 1,030.97	1,030.97	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 11.10	11.10	
33 61 13 00-0300 EA 6" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 1,130.08	1,130.08	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 12.61	12.61	
33 61 13 00-0301 EA 8" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 1,578.41	1,578.41	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 18.23	18.23	
33 61 13 00-0302 EA 10" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 2,183.27	2,183.27	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 23.30	23.30	
33 61 13 00-0303 EA 12" Diameter Preinsulated Type K Copper Elbow With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 2,764.51	2,764.51	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 30.83	30.83	
33 61 13 00-0304 Elbows (33 61 13 00-0289)		
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0305 EA 3/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket 345.70	345.70	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i> 5.01	5.01	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61	13 00-0306	EA	1" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	358.96	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.13	
33 61	13 00-0307	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	412.96	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.83	
33 61	13 00-0308	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	466.44	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.36	
33 61	13 00-0309	EA	2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	553.83	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.63	
33 61	13 00-0310	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	669.86	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.89	
33 61	13 00-0311	EA	3" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	778.67	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.95	
33 61	13 00-0312	EA	4" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	908.76	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.28	
33 61	13 00-0313	EA	5" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,072.60	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.93	
33 61	13 00-0314	EA	6" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,177.36	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.55	
33 61	13 00-0315	EA	8" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,646.75	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.59	
33 61	13 00-0316	EA	10" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,270.62	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.04	
33 61	13 00-0317	EA	12" Diameter Preinsulated Type K Copper Elbow With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,880.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.14	
33 61	13 00-0318		Elbows <small>(33 61 13 00-0289)</small>		
			Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0319	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	363.17	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.36	
33 61	13 00-0320	EA	1" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	376.84	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.48	
33 61	13 00-0321	EA	1-1/4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	433.31	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.24	
33 61	13 00-0322	EA	1-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	488.64	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.81	
33 61	13 00-0323	EA	2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	576.95	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.09	
33 61	13 00-0324	EA	2-1/2" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	693.90	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.38	
33 61	13 00-0325	EA	3" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	806.42	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.51	
33 61	13 00-0326	EA	4" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	941.13	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.93	
33 61	13 00-0327	EA	5" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,114.22	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.76	
33 61	13 00-0328	EA	6" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,224.87	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.50	
33 61	13 00-0329	EA	8" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,714.95	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.96	
33 61	13 00-0330	EA	10" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,357.56	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	26.79	
33 61	13 00-0331	EA	12" Diameter Preinsulated Type K Copper Elbow With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,996.05	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	35.46	
33 61	13 00-0332		Elbows <small>(33 61 13 00-0289)</small>		
			Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61	13 00-0333	EA	3/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	380.64	
			<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0334 EA 1" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	394.72	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.84	
33 61 13 00-0335 EA 1-1/4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	453.66	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.65	
33 61 13 00-0336 EA 1-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	510.84	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.25	
33 61 13 00-0337 EA 2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	600.08	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.55	
33 61 13 00-0338 EA 2-1/2" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	717.95	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.86	
33 61 13 00-0339 EA 3" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	834.16	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.06	
33 61 13 00-0340 EA 4" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	973.50	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.58	
33 61 13 00-0341 EA 5" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,155.84	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.60	
33 61 13 00-0342 EA 6" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,272.15	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.44	
33 61 13 00-0343 EA 8" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,783.29	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.33	
33 61 13 00-0344 EA 10" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,444.92	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	28.54	
33 61 13 00-0345 EA 12" Diameter Preinsulated Type K Copper Elbow With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,111.67	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.77	
33 61 13 00-0346 Tees <small>(33 61 13 00-0288)</small>		
33 61 13 00-0347 Tees <small>(33 61 13 00-0346)</small>		
<small>Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</small>		
33 61 13 00-0348 EA 3/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	488.79	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.92	
33 61 13 00-0349 EA 1" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	507.89	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.08	
33 61 13 00-0350 EA 1-1/4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	584.70	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.06	
33 61 13 00-0351 EA 1-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	661.74	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.79	
33 61 13 00-0352 EA 2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	791.00	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.16	
33 61 13 00-0353 EA 2-1/2" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	963.33	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.52	
33 61 13 00-0354 EA 3" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,120.86	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.99	
33 61 13 00-0355 EA 4" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,308.14	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.82	
33 61 13 00-0356 EA 5" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,540.70	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.48	
33 61 13 00-0357 EA 6" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,686.28	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.72	
33 61 13 00-0358 EA 8" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,352.54	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.06	
33 61 13 00-0359 EA 10" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,259.14	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	34.59	
33 61 13 00-0360 EA 12" Diameter Preinsulated Type K Copper Tee With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,123.63	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	45.79	
33 61 13 00-0361 Tees <small>(33 61 13 00-0346)</small>		
<small>Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</small>		

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
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 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 00-0362	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	514.73	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.44	
33 61 13 00-0363	EA	1" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	534.44	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.61	
33 61 13 00-0364	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	614.92	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.66	
33 61 13 00-0365	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	694.70	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.45	
33 61 13 00-0366	EA	2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	825.34	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.84	
33 61 13 00-0367	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	999.05	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.24	
33 61 13 00-0368	EA	3" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,162.07	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.81	
33 61 13 00-0369	EA	4" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,356.22	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.78	
33 61 13 00-0370	EA	5" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,602.51	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.72	
33 61 13 00-0371	EA	6" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,756.48	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.13	
33 61 13 00-0372	EA	8" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,454.03	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.09	
33 61 13 00-0373	EA	10" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,388.87	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	37.19	
33 61 13 00-0374	EA	12" Diameter Preinsulated Type K Copper Tee With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,295.33	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	49.22	
33 61 13 00-0375		Tees <small>(33 61 13 00-0346)</small>		
		Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0376	EA	3/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	540.68	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.96	
33 61 13 00-0377	EA	1" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	561.00	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.14	
33 61 13 00-0378	EA	1-1/4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	645.13	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.27	
33 61 13 00-0379	EA	1-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	727.67	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.11	
33 61 13 00-0380	EA	2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	859.68	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.53	
33 61 13 00-0381	EA	2-1/2" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,034.76	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.95	
33 61 13 00-0382	EA	3" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,203.28	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.64	
33 61 13 00-0383	EA	4" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,404.29	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	14.74	
33 61 13 00-0384	EA	5" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,664.32	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	18.96	
33 61 13 00-0385	EA	6" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,827.06	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	21.53	
33 61 13 00-0386	EA	8" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,554.58	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	31.12	
33 61 13 00-0387	EA	10" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,516.26	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	39.78	
33 61 13 00-0388	EA	12" Diameter Preinsulated Type K Copper Tee With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,469.74	
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	52.65	

33 61 13 00-0389 **Tees** (33 61 13 00-0346)

Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0390 EA 3/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	566.62	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.48	
33 61 13 00-0391 EA 1" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	587.56	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.68	
33 61 13 00-0392 EA 1-1/4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	675.35	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.87	
33 61 13 00-0393 EA 1-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	760.63	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.77	
33 61 13 00-0394 EA 2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	894.02	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.22	
33 61 13 00-0395 EA 2-1/2" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,070.47	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.67	
33 61 13 00-0396 EA 3" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,244.48	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	13.46	
33 61 13 00-0397 EA 4" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,452.37	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.70	
33 61 13 00-0398 EA 5" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,726.13	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.19	
33 61 13 00-0399 EA 6" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,897.26	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.93	
33 61 13 00-0400 EA 8" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,656.07	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	33.15	
33 61 13 00-0401 EA 10" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	3,645.98	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	42.38	
33 61 13 00-0402 EA 12" Diameter Preinsulated Type K Copper Tee With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	4,641.43	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	56.09	
33 61 13 00-0403 Reducers <small>(33 61 13 00-0288)</small>		
33 61 13 00-0404 Reducers <small>(33 61 13 00-0403)</small>		
<i>Note: With 1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.</i>		
33 61 13 00-0405 EA 3/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	279.12	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.87	
33 61 13 00-0406 EA 1" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	290.25	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	3.96	
33 61 13 00-0407 EA 1-1/4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	334.37	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.50	
33 61 13 00-0408 EA 1-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	379.03	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.91	
33 61 13 00-0409 EA 2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	455.95	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.12	
33 61 13 00-0410 EA 2-1/2" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	566.08	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.32	
33 61 13 00-0411 EA 3" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	653.00	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.14	
33 61 13 00-0412 EA 4" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	758.33	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.17	
33 61 13 00-0413 EA 5" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	889.20	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.21	
33 61 13 00-0414 EA 6" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	973.12	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.46	
33 61 13 00-0415 EA 8" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,356.87	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	15.13	
33 61 13 00-0416 EA 10" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,883.93	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	19.34	
33 61 13 00-0417 EA 12" Diameter Preinsulated Type K Copper Reducer With 1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,378.28	
<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	25.59	

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

33 61 13 00-0418	Reducers <small>(33 61 13 00-0403)</small>		
	Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0419	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	293.62
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.16
33 61 13 00-0420	EA	1" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	305.09
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.25
33 61 13 00-0421	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	351.26
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.84
33 61 13 00-0422	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	397.46
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.28
33 61 13 00-0423	EA	2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	475.14
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.50
33 61 13 00-0424	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	586.05
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.72
33 61 13 00-0425	EA	3" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	676.03
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.60
33 61 13 00-0426	EA	4" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	785.20
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.70
33 61 13 00-0427	EA	5" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	923.75
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	9.90
33 61 13 00-0428	EA	6" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,012.36
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	11.25
33 61 13 00-0429	EA	8" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,413.60
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	16.26
33 61 13 00-0430	EA	10" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,956.44
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	20.79
33 61 13 00-0431	EA	12" Diameter Preinsulated Type K Copper Reducer With 1" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,474.25
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	27.51
33 61 13 00-0432	Reducers <small>(33 61 13 00-0403)</small>		
	Note: With 1-1/2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0433	EA	3/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	308.13
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.45
33 61 13 00-0434	EA	1" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	319.94
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	4.55
33 61 13 00-0435	EA	1-1/4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	368.15
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.18
33 61 13 00-0436	EA	1-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	415.88
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.65
33 61 13 00-0437	EA	2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	494.33
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	5.89
33 61 13 00-0438	EA	2-1/2" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	606.01
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	6.12
33 61 13 00-0439	EA	3" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	699.06
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	7.06
33 61 13 00-0440	EA	4" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	812.07
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	8.24
33 61 13 00-0441	EA	5" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	958.30
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	10.59
33 61 13 00-0442	EA	6" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,051.79
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	12.03
33 61 13 00-0443	EA	8" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	1,469.96
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	17.40
33 61 13 00-0444	EA	10" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,028.61
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	22.24
33 61 13 00-0445	EA	12" Diameter Preinsulated Type K Copper Reducer With 1-1/2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket.....	2,570.45
		<i>For High Density Polyethylene (HDPE) Jacket, Add</i>	29.43

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0446 Reducers <small>(33 61 13 00-0403)</small>		
Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0447 EA 3/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	322.63	
For High Density Polyethylene (HDPE) Jacket, Add	4.74	
33 61 13 00-0448 EA 1" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	334.78	
For High Density Polyethylene (HDPE) Jacket, Add	4.85	
33 61 13 00-0449 EA 1-1/4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	385.04	
For High Density Polyethylene (HDPE) Jacket, Add	5.52	
33 61 13 00-0450 EA 1-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	434.31	
For High Density Polyethylene (HDPE) Jacket, Add	6.02	
33 61 13 00-0451 EA 2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	513.53	
For High Density Polyethylene (HDPE) Jacket, Add	6.27	
33 61 13 00-0452 EA 2-1/2" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	625.97	
For High Density Polyethylene (HDPE) Jacket, Add	6.52	
33 61 13 00-0453 EA 3" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	722.09	
For High Density Polyethylene (HDPE) Jacket, Add	7.52	
33 61 13 00-0454 EA 4" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	838.94	
For High Density Polyethylene (HDPE) Jacket, Add	8.78	
33 61 13 00-0455 EA 5" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	992.85	
For High Density Polyethylene (HDPE) Jacket, Add	11.29	
33 61 13 00-0456 EA 6" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,091.03	
For High Density Polyethylene (HDPE) Jacket, Add	12.82	
33 61 13 00-0457 EA 8" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	1,526.69	
For High Density Polyethylene (HDPE) Jacket, Add	18.53	
33 61 13 00-0458 EA 10" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,101.12	
For High Density Polyethylene (HDPE) Jacket, Add	23.69	
33 61 13 00-0459 EA 12" Diameter Preinsulated Type K Copper Reducer With 2" Polyurethane Foam Insulation And Fiberglass Reinforced Polyester (FRP) Jacket	2,666.42	
For High Density Polyethylene (HDPE) Jacket, Add	31.35	
33 61 13 00-0460 Preinsulated Ductile Iron Carrier Pipe <small>(33 61 13 00-0001)</small>		
Note: With polyurethane insulation and non-metallic casing. Excludes excavation or backfill.		
33 61 13 00-0461 Ductile Iron Carrier Pipe <small>(33 61 13 00-0460)</small>		
Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0462 LF 4" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	179.92	53.01
33 61 13 00-0463 LF 6" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	263.68	76.12
33 61 13 00-0464 LF 8" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	358.68	91.97
33 61 13 00-0465 LF 10" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	457.46	109.44
33 61 13 00-0466 LF 12" Diameter Preinsulated Ductile Iron Pipe With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	568.19	134.70
33 61 13 00-0467 Ductile Iron Carrier Pipe <small>(33 61 13 00-0460)</small>		
Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0468 LF 4" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	192.33	53.05
33 61 13 00-0469 LF 6" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	282.11	76.12
33 61 13 00-0470 LF 8" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	385.51	91.97
33 61 13 00-0471 LF 10" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	492.85	109.44
33 61 13 00-0472 LF 12" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	612.35	134.71
33 61 13 00-0473 LF 14" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	670.95	143.72
33 61 13 00-0474 LF 16" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	757.98	153.99
33 61 13 00-0475 LF 18" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	855.36	164.26
33 61 13 00-0476 LF 20" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	942.95	174.53
33 61 13 00-0477 LF 24" Diameter Preinsulated Ductile Iron Pipe With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,120.71	189.93
33 61 13 00-0478 Preinsulated Ductile Iron Fittings <small>(33 61 13 00-0001)</small>		

33 Utilities**33 60 Hydronic and Steam Energy Utilities****33 61 Hydronic Energy Distribution**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
33 61 13 00-0479		Elbows (33 61 13 00-0478)			
33 61 13 00-0480		Elbows (33 61 13 00-0479) Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0481	EA	4" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,609.98		
33 61 13 00-0482	EA	6" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,178.88		
33 61 13 00-0483	EA	8" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,086.29		
33 61 13 00-0484	EA	10" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,135.62		
33 61 13 00-0485	EA	12" Diameter Preinsulated Ductile Iron Elbow With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,329.58		
33 61 13 00-0486		Elbows (33 61 13 00-0479) Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0487	EA	4" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	1,763.26		
33 61 13 00-0488	EA	6" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,402.71		
33 61 13 00-0489	EA	8" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,409.89		
33 61 13 00-0490	EA	10" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,549.23		
33 61 13 00-0491	EA	12" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,877.01		
33 61 13 00-0492	EA	14" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	7,161.09		
33 61 13 00-0493	EA	16" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,491.56		
33 61 13 00-0494	EA	18" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	10,606.75		
33 61 13 00-0495	EA	20" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	13,436.60		
33 61 13 00-0496	EA	24" Diameter Preinsulated Ductile Iron Elbow With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	17,297.95		
33 61 13 00-0497		Tees (33 61 13 00-0478)			
33 61 13 00-0498		Tees (33 61 13 00-0497) Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0499	EA	4" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,398.50		
33 61 13 00-0500	EA	6" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,245.04		
33 61 13 00-0501	EA	8" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	4,593.23		
33 61 13 00-0502	EA	10" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,161.03		
33 61 13 00-0503	EA	12" Diameter Preinsulated Ductile Iron Tee With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	7,935.51		
33 61 13 00-0504		Tees (33 61 13 00-0497) Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			
33 61 13 00-0505	EA	4" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	2,626.12		
33 61 13 00-0506	EA	6" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	3,577.44		
33 61 13 00-0507	EA	8" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	5,073.77		
33 61 13 00-0508	EA	10" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	6,775.25		
33 61 13 00-0509	EA	12" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	8,748.45		
33 61 13 00-0510	EA	14" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	10,495.98		
33 61 13 00-0511	EA	16" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	12,449.76		
33 61 13 00-0512	EA	18" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	15,552.61		
33 61 13 00-0513	EA	20" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	19,710.27		
33 61 13 00-0514	EA	24" Diameter Preinsulated Ductile Iron Tee With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket	25,366.29		
33 61 13 00-0515		Reducers (33 61 13 00-0478)			
33 61 13 00-0516		Reducers (33 61 13 00-0515) Note: With 1" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.			

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 61 13 00-0517 EA 4" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,371.87	
33 61 13 00-0518 EA 6" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,848.89	
33 61 13 00-0519 EA 8" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,615.50	
33 61 13 00-0520 EA 10" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,515.06	
33 61 13 00-0521 EA 12" Diameter Preinsulated Ductile Iron Reducer With 1" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,519.84	
33 61 13 00-0522 Reducers <small>(33 61 13 00-0515)</small> Note: With 2" polyurethane insulation and non-metallic fiberglass reinforced polyester (FRP) casing.		
33 61 13 00-0523 EA 4" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	1,499.09	
33 61 13 00-0524 EA 6" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,034.67	
33 61 13 00-0525 EA 8" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	2,884.07	
33 61 13 00-0526 EA 10" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	3,858.36	
33 61 13 00-0527 EA 12" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	4,974.21	
33 61 13 00-0528 EA 14" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	5,960.97	
33 61 13 00-0529 EA 16" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	7,062.40	
33 61 13 00-0530 EA 18" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	8,774.60	
33 61 13 00-0531 EA 20" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	11,181.51	
33 61 13 00-0532 EA 24" Diameter Preinsulated Ductile Iron Reducer With 2" Polyurethane Foam Insulation And High Density Polyethylene (HDPE) Jacket.....	14,423.56	
33 61 13 00-0533 Tempered Water Piping Pre-Insulated <small>(33 61 13 00-0001)</small>		
33 61 13 00-0534 Fiberglass Reinforced Polyester (FRP) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 00-0533)</small>		
33 61 13 00-0535 LF 4" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	167.09	21.19
33 61 13 00-0536 LF 6" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	217.55	23.58
33 61 13 00-0537 LF 8" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	309.14	26.29
33 61 13 00-0538 LF 10" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	429.30	32.85
33 61 13 00-0539 LF 12" Fiberglass Reinforced Polyester (FRP) Carrier And Casing With 1" Polyurethane Insulation.....	551.08	40.52
33 61 13 00-0540 Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing, 1" Polyurethane Insulation <small>(33 61 13 00-0533)</small>		
33 61 13 00-0541 LF 4" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	72.74	23.58
33 61 13 00-0542 LF 6" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	88.96	23.58
33 61 13 00-0543 LF 8" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	104.30	23.58
33 61 13 00-0544 LF 10" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	124.89	27.88
33 61 13 00-0545 LF 12" Fiberglass Reinforced Polyester (FRP) Carrier And Polyvinyl Chloride (PVC) Casing With 1" Polyurethane Insulation.....	149.95	35.39
33 61 13 00-0546 Polyvinyl Chloride (PVC) Carrier And Casing, 1" Polyurethane Insulation <small>(33 61 13 00-0533)</small>		
33 61 13 00-0547 LF 4" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	72.74	23.58
33 61 13 00-0548 LF 6" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	88.95	23.58
33 61 13 00-0549 LF 8" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	103.22	23.58
33 61 13 00-0550 LF 10" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	124.88	27.88
33 61 13 00-0551 LF 12" Polyvinyl Chloride (PVC) Carrier And Casing With 1" Polyurethane Insulation.....	149.95	35.39
33 70 Electrical Utilities <small>(33)</small>		
33 71 Electrical Utility Transmission and Distribution <small>(33 70)</small>		
33 71 19 Electrical Underground Ducts, Ductbanks and Manholes <small>(33 71)</small>		
Note: Excludes excavation and backfill. See CSI section 31 23 16 00-0000 for excavation, 31 23 16 36-0016 for backfill.		
33 71 19 13 Electrical Manholes and Handholes <small>(33 71 19)</small>		
33 71 19 13-0001 Electrical Handholes And Pull Boxes <small>(33 71 19 13)</small>		
33 71 19 13-0002 Electrical Pull Boxes <small>(33 71 19 13-0001)</small> See CSI section 33 05 63 00-0427 for handholes.		
33 71 19 13-0003 EA 18" x 28" x 12", Electric Pull Boxes, Precast Concrete.....	1,518.59	
33 71 19 13-0004 EA 24" x 36" x 12", Electric Pull Boxes, Precast Concrete.....	2,067.87	

33 Utilities**33 70 Electrical Utilities****33 71 Electrical Utility Transmission and Distribution**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
33 71 19 13-0005 EA 24" x 36" x 24", Electric Pull Boxes, Precast Concrete	2,290.01	
33 71 19 13-0006 EA 18" x 28" x 34", Electric Pull Boxes, Precast Concrete	2,414.70	
33 71 19 13-0007 EA 24" x 36" x 36", Electric Pull Boxes, Precast Concrete	2,770.12	
33 71 19 13-0008 EA 30" x 48" x 36", Electric Pull Boxes, Precast Concrete	3,231.07	
33 71 19 13-0009 EA 36" x 72" x 24", Electric Pull Boxes, Precast Concrete	5,155.42	
33 71 19 13-0010 EA 36" x 60" x 36", Electric Pull Boxes, Precast Concrete	5,528.79	
33 71 19 13-0011 EA 48" x 48" x 36", Electric Pull Boxes, Precast Concrete	5,961.32	
33 71 19 13-0012 EA 48" x 60" x 48", Electric Pull Boxes, Precast Concrete	6,869.00	
33 71 19 13-0013 EA 24" x 3', Round Electric Pull Boxes, Precast Concrete	1,319.35	
33 71 19 13-0014 EA 30" x 3', Round Electric Pull Boxes, Precast Concrete	1,392.05	
33 71 19 13-0015 Electrical Pull Boxes (CALTRANS) (33 71 19 13-0001)		
33 71 19 13-0016 EA Body, CALTRANS 3-1/2 Precast Concrete Pull Box	130.06	
33 71 19 13-0017 EA Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	53.39	
33 71 19 13-0018 EA Bolt Down Concrete Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	81.36	
33 71 19 13-0019 EA Bolt Down Cast Iron Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	175.48	
33 71 19 13-0020 EA Bolt Down Steel Cover, CALTRANS 3-1/2 Precast Concrete Pull Box	273.07	
<i>For Galvanized Steel Cover, Add</i>	47.25	
33 71 19 13-0021 EA 12" Extension, CALTRANS 3-1/2 Precast Concrete Pull Box	66.34	
33 71 19 13-0022 EA Flat Plate Base, CALTRANS 3-1/2 Precast Concrete Pull Box	66.34	
33 71 19 13-0023 EA Body, CALTRANS 5 Precast Concrete Pull Box	185.55	
33 71 19 13-0024 EA Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	71.86	
33 71 19 13-0025 EA Bolt Down Concrete Cover, CALTRANS 5 Precast Concrete Pull Box	99.83	
33 71 19 13-0026 EA Bolt Down Steel Cover, CALTRANS 5 Precast Concrete Pull Box	363.15	
<i>For Galvanized Steel Cover, Add</i>	86.62	
33 71 19 13-0027 EA 12" Extension, CALTRANS 5 Precast Concrete Pull Box	95.21	
33 71 19 13-0028 EA Flat Plate Base, CALTRANS 5 Precast Concrete Pull Box	88.86	
33 71 19 13-0029 EA Body, CALTRANS 6 Precast Concrete Pull Box	204.03	
33 71 19 13-0030 EA Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	96.69	
33 71 19 13-0031 EA Bolt Down Concrete Cover, CALTRANS 6 Precast Concrete Pull Box	124.66	
33 71 19 13-0032 EA Bolt Down Steel Cover, CALTRANS 6 Precast Concrete Pull Box	499.43	
<i>For Galvanized Steel Cover, Add</i>	121.26	
33 71 19 13-0033 EA 12" Extension, CALTRANS 6 Precast Concrete Pull Box	113.69	
33 71 19 13-0034 EA Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	106.76	
33 71 19 13-0035 EA 6" Return Flat Plate Base, CALTRANS 6 Precast Concrete Pull Box	148.34	
33 71 19 13-0036 EA Body, CALTRANS 3-1/2-T Precast Concrete Pull Box	299.25	
33 71 19 13-0037 EA Bolt Down Concrete Cover, CALTRANS 3-1/2-T Precast Concrete Pull Box	437.06	
33 71 19 13-0038 EA 12" Extension, CALTRANS 3-1/2-T Precast Concrete Pull Box	136.79	
33 71 19 13-0039 EA Flat Plate Base, CALTRANS 3-1/2-T Precast Concrete Pull Box	125.24	
33 71 19 13-0040 EA Body, CALTRANS 5-T Precast Concrete Pull Box	388.81	
33 71 19 13-0041 EA Bolt Down Concrete Cover, CALTRANS 5-T Precast Concrete Pull Box	633.39	
33 71 19 13-0042 EA 12" Extension, CALTRANS 5-T Precast Concrete Pull Box	164.51	
33 71 19 13-0043 EA Flat Plate Base, CALTRANS 5-T Precast Concrete Pull Box	159.89	
33 71 19 13-0044 EA Body, CALTRANS 6-T Precast Concrete Pull Box	557.43	
33 71 19 13-0045 EA Bolt Down Concrete Cover, CALTRANS 6-T Precast Concrete Pull Box	887.47	
33 71 19 13-0046 EA 12" Extension, CALTRANS 6-T Precast Concrete Pull Box	280.00	
33 71 19 13-0047 EA Flat Plate Base, CALTRANS 6-T Precast Concrete Pull Box	217.63	
33 71 19 13-0048 Precast Concrete Box Extensions (33 71 19 13-0001)		
33 71 19 13-0049 EA 14" x 20" x 12", Precast Concrete Extension	197.65	
33 71 19 13-0050 EA 18" x 28" x 12", Precast Concrete Extension	248.35	
33 71 19 13-0051 EA 24" x 36" x 12", Precast Concrete Extension	324.69	
33 71 19 13-0052 EA 30" x 48" x 12", Precast Concrete Extension	402.77	
33 71 19 13-0053 EA 36" x 60" x 12", Precast Concrete Extension	637.39	
33 71 19 13-0054 EA 36" x 72" x 12", Precast Concrete Extension	847.64	
33 71 19 13-0055 EA 48" x 48" x 12", Precast Concrete Extension	955.96	
33 71 19 13-0056 EA 48" x 60" x 12", Precast Concrete Extension	1,171.94	
33 71 19 13-0057 Electrical Property Line Boxes (33 71 19 13)		
33 71 19 13-0058 EA 3'-6" x 2'-9" x 2' Deep Property Line Box	4,900.69	399.84
33 71 19 13-0059 EA 4'-6" x 3'-6" x 4' Deep Property Line Box	5,767.86	414.65
33 71 19 13-0060 EA 6' x 4' x 5' Deep Property Line Box	6,321.02	503.50
33 71 19 13-0061 EA 11'-6" x 4'-6" x 6' Deep Property Line Box	9,682.96	740.45
33 71 19 13-0062 Manhole Accessories (33 71 19 13)		
33 71 19 13-0063 EA 6" Precast Grade Ring Riser Casting	436.08	
33 71 19 13-0064 EA 12" Precast Grade Ring Riser Casting	472.28	
33 71 19 13-0065 EA 36" Opening Cast Iron Frame And Cover (NEENAH #R-1640-D)	2,399.36	
33 71 19 13-0066 EA 42" Opening Cast Iron Frame And Cover (NEENAH #R-1740-E1)	3,137.19	
33 71 19 13-0067 EA Cast Iron Adjusting Ring (NEENAH #R-1979)	985.48	
33 71 19 13-0068 EA Cast Iron Frame And Cover (NEENAH #R-1640-B)	1,264.16	

33 71 19 23 Trenched Electrical Underground Duct and Ductbanks (33 71 19)

	MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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33 71 19 23-0001 **Underground Ductbank** (33 71 19 23)
 Note: Installation of single or multiple configuration underground utility raceways assembly to have minimum 3" concrete leveling base and encased in concrete envelope. Based on minimum 100' run, minimum 30" bury depth. Includes installation in trench using the appropriate supports, cleaning to remove any obstructions and installation of nylon pull string. Excludes trenching, concrete, backfilling, grading and seeding. Duct Banks are to be installed according to the appropriate sections of the accompanying specifications. Individual rows to be stacked for larger duct bank configurations. See CSI section 03 30 53 00-0001 for concrete.

33 71 19 23-0002 **Rigid Galvanized Steel Conduit, Galvanized Rigid Conduit (GRC) Or Rigid Galvanized Steel (RGS), Duct Bank** (33 71 19 23-0001)
 Note: Includes appropriate spacers and fittings.

33 71 19 23-0003	LF	2 At 2", Rigid Galvanized Conduit Duct Bank	41.90
33 71 19 23-0004	LF	4 At 2", Rigid Galvanized Conduit Duct Bank	83.84
33 71 19 23-0005	LF	2 At 3", Rigid Galvanized Conduit Duct Bank	87.64
33 71 19 23-0006	LF	4 At 3", Rigid Galvanized Conduit Duct Bank	175.85
33 71 19 23-0007	LF	2 At 4", Rigid Galvanized Conduit Duct Bank	129.30
33 71 19 23-0008	LF	4 At 4", Rigid Galvanized Conduit Duct Bank	259.60
33 71 19 23-0009	LF	6 At 4", Rigid Galvanized Conduit Duct Bank	389.31
33 71 19 23-0010	LF	2 At 5", Rigid Galvanized Conduit Duct Bank	250.74
33 71 19 23-0011	LF	4 At 5", Rigid Galvanized Conduit Duct Bank	500.47
33 71 19 23-0012	LF	6 At 5", Rigid Galvanized Conduit Duct Bank	766.45
33 71 19 23-0013	LF	2 At 6", Rigid Galvanized Conduit Duct Bank	355.51
33 71 19 23-0014	LF	4 At 6", Rigid Galvanized Conduit Duct Bank	713.75
33 71 19 23-0015	LF	6 At 6", Rigid Galvanized Conduit Duct Bank	1,064.64

33 71 19 23-0016 **Polyvinyl Chloride (PVC), Type EB-20 Duct Bank System** (33 71 19 23-0001)
 Note: Includes appropriate spacers and fittings.

33 71 19 23-0017	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	8.57
33 71 19 23-0018	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	18.52
33 71 19 23-0019	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	35.85
33 71 19 23-0020	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	11.48
33 71 19 23-0021	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	22.88
33 71 19 23-0022	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	46.35
33 71 19 23-0023	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	15.89
33 71 19 23-0024	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	31.83
33 71 19 23-0025	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	63.75
33 71 19 23-0026	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	95.59
33 71 19 23-0027	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	20.98
33 71 19 23-0028	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	41.90
33 71 19 23-0029	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	81.79
33 71 19 23-0030	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	117.71
33 71 19 23-0031	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	35.17
33 71 19 23-0032	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	57.63
33 71 19 23-0033	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	115.45
33 71 19 23-0034	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type EB Duct Bank.....	183.07

33 71 19 23-0035 **Polyvinyl Chloride (PVC), Type DB-60 Duct Bank System** (33 71 19 23-0001)
 Note: Includes appropriate spacers and fittings.

33 71 19 23-0036	LF	1 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	9.57
33 71 19 23-0037	LF	2 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	20.55
33 71 19 23-0038	LF	4 At 2", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	39.69
33 71 19 23-0039	LF	1 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	12.11
33 71 19 23-0040	LF	2 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	24.19
33 71 19 23-0041	LF	4 At 3", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	48.12
33 71 19 23-0042	LF	1 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	16.60
33 71 19 23-0043	LF	2 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	33.27
33 71 19 23-0044	LF	4 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	66.62
33 71 19 23-0045	LF	6 At 4", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	99.89
33 71 19 23-0046	LF	1 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	22.06
33 71 19 23-0047	LF	2 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	44.06
33 71 19 23-0048	LF	4 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	86.11
33 71 19 23-0049	LF	6 At 5", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	124.20
33 71 19 23-0050	LF	1 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	36.66
33 71 19 23-0051	LF	2 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	60.73
33 71 19 23-0052	LF	4 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	121.66
33 71 19 23-0053	LF	6 At 6", Duplex Polyvinyl Chloride (PVC), Type DB Duct Bank	192.38

33 71 19 23-0054 **Male Or Female Adapters** (33 71 19 23-0001)

33 71 19 23-0055	EA	2" Adapter	42.87
33 71 19 23-0056	EA	3" Adapter	69.17
33 71 19 23-0057	EA	4" Adapter	92.03
33 71 19 23-0058	EA	5" Adapter.....	163.68
33 71 19 23-0059	EA	6" Adapter	197.25

33 71 19 23-0060 **Underground Electrical Concrete Markers** (33 71 19 23)

33 71 19 23-0061	EA	36" x 6" x 6", Underground Electric Concrete Marker	323.66
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33	33	Utilities
	33 70	Electrical Utilities
	33 71	Electrical Utility Transmission and Distribution



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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END OF SECTION 33

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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34 Transportation

34 40 Transportation Signaling and Control Equipment ⁽³⁴⁾

34 41 Roadway Signaling and Control Equipment ^(34 40)

34 41 13 Traffic Signals ^(34 41)

34 41 13 00-0001 Traffic Signals ^(34 41 13)

34 41 13 00-0002	EA	Single Traffic Signal Head, 4 Way Pattern.....	7,118.88	744.56
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34 41 13 00-0003 Traffic Detector Induction Loop ^(34 41 13)

34 41 13 00-0004	EA	6' x 6', Type A, 3 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	376.79	
34 41 13 00-0005	EA	6' x 6', Type D, 3 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	469.91	
34 41 13 00-0006	EA	6' x 6', Type D, 5 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 5 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	533.51	
34 41 13 00-0007	EA	6' x 6', Type Q, 3 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	459.67	
34 41 13 00-0008	EA	6' x 20', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	797.70	
34 41 13 00-0009	EA	6' x 28', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	977.34	
34 41 13 00-0010	EA	6' x 28', Type C, 3 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 3 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,043.25	
34 41 13 00-0011	EA	6' x 40', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,297.23	
34 41 13 00-0012	EA	6' x 40', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,393.91	
34 41 13 00-0013	EA	6' x 50', Type C, 1 Turn Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 1 turn wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,483.96	
34 41 13 00-0014	EA	6' x 50', Type C, 2 Turns Per Loop, Traffic Detector Induction Loop..... Note: Includes saw cutting, 2 turns wire for 1 induction loop circuit, sealing and splicing into leads in street. Excludes lead wire, controller, junction box or conduit.	1,602.04	
34 41 13 00-0015	LF	In Pavement, Lead Wire For Traffic Signal Detector..... Note: Includes saw cutting, sealing and splicing into traffic signal loop wire in street. Excludes junction box or conduit.	7.73	
34 41 13 00-0016	LF	In Earthwork, Lead Wire For Traffic Signal Detector..... Note: Includes trenching in earthwork and splicing into traffic signal loop wire. Excludes junction box or conduit.	3.49	
34 41 13 00-0017	EA	2 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model 222).....	266.91	
34 41 13 00-0018	EA	4 Channel, Rack Mounted, Traffic Loop Vehicle Detector (Reno A&E Model E-1100).....	771.09	
34 41 13 00-0019	EA	2 Channel, Rack Mounted, Traffic Loop Bicycle Detector (Reno A&E Model C-1100).....	475.27	

34 41 13 00-0020 Overhead Traffic Signals ^(34 41 13)

34 41 13 00-0021	EA	Vehicle Signal Face, LED, 1 - 12" Section.....	541.44	158.22
34 41 13 00-0022	EA	Vehicle Signal Face, LED, 2 - 12" Sections.....	890.04	223.37
34 41 13 00-0023	EA	Vehicle Signal Face, LED, 3 - 12" Sections.....	1,258.87	273.00
34 41 13 00-0024	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Middle Section Blank.....	1,192.04	273.00
34 41 13 00-0025	EA	Vehicle Signal Face, LED, 4 - 12" Sections.....	1,610.52	304.02
34 41 13 00-0026	EA	Vehicle Signal Face, LED, 5 - 12" Sections.....	1,937.36	322.64
34 41 13 00-0027	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Cluster.....	2,066.56	322.64
34 41 13 00-0028	EA	Vehicle Signal Face, LED, 1 - 8" Section.....	508.02	158.22
34 41 13 00-0029	EA	Vehicle Signal Face, LED, 2 - 8" Sections.....	823.21	223.37
34 41 13 00-0030	EA	Vehicle Signal Face, LED, 3 - 8" Sections.....	1,096.25	273.00
34 41 13 00-0031	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 1 - 12" Section.....	1,178.68	273.00
34 41 13 00-0032	EA	Vehicle Signal Face, LED, 2 - 8" Sections, 2 - 12" Sections.....	1,467.95	304.02
34 41 13 00-0033	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 1 - 12" Section.....	1,421.17	304.02
34 41 13 00-0034	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections.....	1,692.31	322.64
34 41 13 00-0035	EA	Vehicle Signal Face, LED, 3 - 8" Sections, 2 - 12" Sections In Cluster.....	1,797.01	322.64
34 41 13 00-0036	EA	Vehicle Signal Face, LED, 3 - 12" Sections, Optically Programmed.....	2,640.05	273.00
34 41 13 00-0037	EA	Vehicle Signal Face, LED, 4 - 12" Sections, Optically Programmed.....	3,466.20	304.02
34 41 13 00-0038	EA	Vehicle Signal Face, LED, 5 - 12" Sections, Optically Programmed.....	4,543.77	322.64
34 41 13 00-0039	EA	Vehicle Signal Face, LED, 5 - 12" Sections In Cluster, Optically Programmed.....	4,933.61	322.64
34 41 13 00-0040	EA	Bracket Signal Mounting Assembly.....	528.87	124.09
34 41 13 00-0041	EA	Mast Arm Signal Mounting Assembly.....	928.54	248.18
34 41 13 00-0042	EA	Top Pole Signal Mounting Assembly.....	324.26	93.07
34 41 13 00-0043	EA	Pedestrian Signal Head.....	973.76	186.14
34 41 13 00-0044	EA	Pedestrian Signal Insert.....	607.18	93.07

34 Transportation**34 40 Transportation Signaling and Control Equipment****34 41 Roadway Signaling and Control Equipment**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0045	EA	Audible Pedestrian Signal.....	1,284.21	
34 41 13 00-0046	EA	Junction Box, Pole Or Post Mounted	527.90	
34 41 13 00-0047	EA	Pedestrian Push Button	470.46	
34 41 13 00-0048	EA	Illuminated Sign, Bracket Mounted, Symbolic.....	3,864.51	
34 41 13 00-0049	EA	Illuminated Sign, Mast Arm Mounted, Symbolic.....	4,030.48	
34 41 13 00-0050	EA	Sign, Message, "BLANK OUT", Bracket Mounted	4,259.20	
34 41 13 00-0051	EA	Sign, Message, "BLANK OUT", Mast Arm Mounted	4,526.37	
34 41 13 00-0052	EA	Sign, Fiber Optic, Bracket Mounted	4,857.98	
34 41 13 00-0053	EA	Sign, Fiber Optic, Mast Arm Mounted	5,130.73	
34 41 13 00-0054	EA	16' Pedestal With Base Plate And Cover.....	1,733.22	165.73
34 41 13 00-0055	EA	30' Type 15TS Signal And Lighting Standard	7,277.34	
		Note: 8" diameter base and 3-7/8" diameter top. 0.1793" wall thickness.		
34 41 13 00-0056	EA	35' Type 21TS Signal And Lighting Standard	8,481.42	
		Note: 9-3/8" diameter base and 3-9/16" diameter top. 0.1793" wall thickness.		
34 41 13 00-0057	EA	17' Type 18-2-100 Signal And Lighting Standard.....	4,056.98	
		Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.1793" wall thickness.		
34 41 13 00-0058	EA	17' Type 18-3-100 Signal And Lighting Standard.....	4,521.88	
		Note: 10-3/4" diameter base and 8-7/16" diameter top. 0.2391" wall thickness.		
34 41 13 00-0059	EA	17' Type 18-4-100 Or 23-4-100 Signal And Lighting Standard	4,700.08	
		Note: 12" diameter base and 9" diameter top. 0.2391" wall thickness.		
34 41 13 00-0060	EA	17' Type 23-3-100 Signal And Lighting Standard.....	4,700.08	
		Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.		
34 41 13 00-0061	EA	17' Type 23-4-100 Signal And Lighting Standard.....	4,793.64	
		Note: 12" diameter base and 9-5/8" diameter top. 0.2391" wall thickness.		
34 41 13 00-0062	EA	17' Type 27-3-100 Signal And Lighting Standard.....	5,261.46	
		Note: 12-1/8" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.		
34 41 13 00-0063	EA	17' Type 27-4-100 Signal And Lighting Standard.....	5,369.04	
		Note: 13-1/2" diameter base and 9-3/4" diameter top. 0.3125" wall thickness.		
34 41 13 00-0064	EA	17' Type 28-5-100 Signal And Lighting Standard.....	5,589.61	
		Note: 14" diameter base and 11-11/16" diameter top. 0.3125" wall thickness.		
34 41 13 00-0065	EA	17' Type 60-5-100 Signal And Lighting Standard.....	5,937.02	
		Note: 16" diameter base and 13-11/16" diameter top. 0.3125" wall thickness.		
34 41 13 00-0066	EA	18'-6" Type 16-2-100 Or 16-3-100 Signal And Lighting Standard	4,330.46	
		Note: 10-3/4" diameter base and 8-1/4" diameter top. 0.1793" wall thickness.		
34 41 13 00-0067	EA	30' Type 17-2-100 Or 17-3-100 Signal And Lighting Standard	7,765.48	
		Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.1793" wall thickness.		
34 41 13 00-0068	EA	30' Type 19-2-100 Signal And Lighting Standard.....	8,741.76	
		Note: 10-3/4" diameter base and 6-5/8" diameter top. 0.2391" wall thickness.		
34 41 13 00-0069	EA	30' Type 19-3-100 Or 24-3-100 Signal And Lighting Standard	9,116.00	
		Note: 12" diameter base and 7-7/8" diameter top. 0.2391" wall thickness.		
34 41 13 00-0070	EA	30' Type 19-4-100 Or 24-4-100 Signal And Lighting Standard	9,116.00	
		Note: 12" diameter base and 8" diameter top. 0.2391" wall thickness.		
34 41 13 00-0071	EA	30' Type 26-3-100 Signal And Lighting Standard.....	10,294.85	
		Note: 12-1/8" diameter base and 8" diameter top. 0.3125" wall thickness.		
34 41 13 00-0072	EA	30' Type 26-4-100 Signal And Lighting Standard.....	10,746.76	
		Note: 13-1/2" diameter base and 8" diameter top. 0.3125" wall thickness.		
34 41 13 00-0073	EA	30' Type 29-5-100 Signal And Lighting Standard.....	11,221.23	
		Note: 14" diameter base and 9-7/8" diameter top. 0.3125" wall thickness.		
34 41 13 00-0074	EA	30' Type 61-5-100 Signal And Lighting Standard.....	11,968.56	
		Note: 16" diameter base and 11-7/8" diameter top. 0.3125" wall thickness.		
34 41 13 00-0075	EA	35' Type 17A-2-100 Signal And Lighting Standard	9,029.80	
		Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.1793" wall thickness.		
34 41 13 00-0076	EA	35' Type 19A-2-100 Signal And Lighting Standard	10,168.80	
		Note: 10-3/4" diameter base and 5-15/16" diameter top. 0.2391" wall thickness.		
34 41 13 00-0077	EA	35' Type 19A-3-100 Or 24A-3-100 Signal And Lighting Standard.....	10,605.43	
		Note: 12" diameter base and 7-3/16" diameter top. 0.2391" wall thickness.		
34 41 13 00-0078	EA	35' Type 19A-4-100 Or 24A-4-100 Signal And Lighting Standard.....	10,605.43	
		Note: 12" diameter base and 7-5/16" diameter top. 0.2391" wall thickness.		
34 41 13 00-0079	EA	35' Type 26A-3-100 Signal And Lighting Standard	11,980.74	
		Note: 12-1/8" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.		
34 41 13 00-0080	EA	35' Type 26A-4-100 Signal And Lighting Standard	12,507.96	
		Note: 13-1/2" diameter base and 7-5/16" diameter top. 0.3125" wall thickness.		
34 41 13 00-0081	EA	35' Type 29A-5-100 Signal And Lighting Standard	13,061.53	
		Note: 14" diameter base and 9-3/16" diameter top. 0.3125" wall thickness.		
34 41 13 00-0082	EA	35' Type 61A-5-100 Signal And Lighting Standard	13,933.39	
		Note: 16" diameter base and 11" diameter top. 0.3125" wall thickness.		
34 41 13 00-0083	EA	15' Steel Straight Mast Arm, MONOTUBE.....	2,923.48	
34 41 13 00-0084	EA	20' Steel Straight Mast Arm, MONOTUBE.....	3,068.47	
34 41 13 00-0085	EA	25' Steel Straight Mast Arm, MONOTUBE.....	3,289.97	
34 41 13 00-0086	EA	30' Steel Straight Mast Arm, MONOTUBE.....	4,474.55	
34 41 13 00-0087	EA	35' Steel Straight Mast Arm, MONOTUBE.....	5,402.28	
34 41 13 00-0088	EA	40' Steel Straight Mast Arm, MONOTUBE.....	5,804.20	
34 41 13 00-0089	EA	45' Steel Straight Mast Arm, MONOTUBE.....	6,376.16	
34 41 13 00-0090	EA	50' Steel Straight Mast Arm, MONOTUBE.....	7,238.87	
34 41 13 00-0091	EA	55' Steel Straight Mast Arm, MONOTUBE.....	8,230.64	
34 41 13 00-0092	EA	60' Steel Straight Mast Arm, MONOTUBE.....	8,866.54	
34 41 13 00-0093	EA	65' Steel Straight Mast Arm, MONOTUBE.....	10,292.58	
34 41 13 00-0094	EA	4' Steel Curved Luminaire Mast Arm	995.28	
34 41 13 00-0095	EA	6' Steel Curved Luminaire Mast Arm	1,296.01	
		For High Rise Arm, Add	116.22	
34 41 13 00-0096	EA	8' Steel Curved Luminaire Mast Arm	1,621.57	
34 41 13 00-0097	EA	10' Steel Curved Luminaire Mast Arm	2,204.44	
		For High Rise Arm, Add	171.08	
34 41 13 00-0098	EA	12' Steel Curved Luminaire Mast Arm	2,443.32	
		For High Rise Arm, Add	201.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0099 EA 15' Steel Curved Luminaire Mast Arm <i>For High Rise Arm, Add</i>	2,563.96 225.01	
34 41 13 00-0100 EA 20' Steel Curved Luminaire Mast Arm <i>For High Rise Arm, Add</i>	2,922.81 268.71	
34 41 13 00-0101 EA 15' Tubular Aluminum Post.....	1,047.62	
34 41 13 00-0102 EA 17' Tubular Aluminum Post.....	1,113.75	
34 41 13 00-0103 EA 20' Tubular Aluminum Post.....	1,236.33	
34 41 13 00-0104 EA 14' High Galvanized Steel Traffic Signal Pole..... Note: For mast arm.	3,592.08	
34 41 13 00-0105 EA 21' High Galvanized Steel Traffic Signal Pole..... Note: For mast arm.	5,513.65	
34 41 13 00-0106 EA 22' High Galvanized Steel Traffic Signal Pole..... Note: For mast arm and luminare arm.	5,730.60	
34 41 13 00-0107 EA 30' High Galvanized Steel Traffic Signal Pole, Tapered, For >55' Mast Arm Note: For mast arm and luminare arm.	7,760.77	
34 41 13 00-0108 EA 32' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm Note: For mast arm and luminare arm.	8,241.04	
34 41 13 00-0109 EA 30' High Galvanized Steel Traffic Signal Pole, Tapered, For Up To 55' Mast Arm Note: For mast arm and luminare arm.	6,410.70	
34 41 13 00-0110 EA 30' High Galvanized Steel Traffic Signal Pole, Octafute	5,704.28	
34 41 13 00-0111 EA 30' (High Spun Aluminum Traffic Signal Pole, Tapered	4,635.79	
34 41 13 00-0112 EA Type 26-6-70 Signal Pole With 55' SMA And 20' LMA	24,630.12	
34 41 13 00-0113 EA Type 29-6-70 Signal Pole With 65' SMA And 20' LMA	28,372.36	
34 41 13 00-0114 EA CUT-OFF POLE AND CAPPED	171.94	
34 41 13 00-0115 EA PAINT EXISTING SL/TS CONTROLLER COMPLETE	51.85	
34 41 13 00-0116 EA PAINT EXISTING TS POST COMPLETE	243.68	
34 41 13 00-0117 EA 1 Channel Loop Detector Amplifier	1,643.92	
34 41 13 00-0118 EA 4 Channel Loop Detector Amplifier	3,123.93	
34 41 13 00-0119 LF Loop Detector	7.22	
	Note: Includes saw cutting, sealing and splicing into leads in street.	
34 41 13 00-0120 LF Detector Loop Cable (Lead Wire)	7.08	
34 41 13 00-0121 LF Detector Loop Cable, Loop Type B.....	6.92	
34 41 13 00-0122 EA FLASHING BEACON WITH DOWNLIGHT.....	2,270.75	
34 41 13 00-0123 EA Flashing Beacon, Bracket Mounted	748.17	
34 41 13 00-0124 EA Flashing Beacon, Mast Arm Mounted	748.17	
34 41 13 00-0125 EA Flashing Beacon, Solar Powered, Bracket Mounted.....	20,547.38	
34 41 13 00-0126 EA 7-WIRE MASTER INTERCONNECT	1,481.68	
34 41 13 00-0127 EA 7-WIRE SLAVE INTERCONNECT	1,419.70	
34 41 13 00-0128 EA Service Equipment Enclosure, Type III-AF.....	1,404.40	
34 41 13 00-0129 EA 12", 3 Section Signal, Mast Arm Mounted	1,540.50	
34 41 13 00-0130 EA 8", 3 Section Signal, Mast Arm Mounted	1,372.93	
34 41 13 00-0131 EA 12" FCV Visor	98.66	
34 41 13 00-0132 EA 8" FCV Visor	68.95	
34 41 13 00-0133 EA Eggcrate Visor	94.98	
34 41 13 00-0134 EA Pedestrian H/M.....	1,046.35	
34 41 13 00-0135 EA Pedestrian Audio	1,155.80	
34 41 13 00-0136 EA Adjustable Pushbutton.....	274.46	
34 41 13 00-0137 EA ADA Cap And Switch.....	356.23	
34 41 13 00-0138 EA 3 Section 12" Backplate	158.45	
34 41 13 00-0139 EA 3 Section 12" MAS Mount Backplate	233.26	
34 41 13 00-0140 EA 3 Section 8" Backplate.....	127.02	
34 41 13 00-0141 EA 12" Red LED Lenses	270.61	
34 41 13 00-0142 EA 12" Amber LED Lenses	291.06	
34 41 13 00-0143 EA 12" Green LED Lenses	515.33	
34 41 13 00-0144 EA 12" Red Arrow	268.97	
34 41 13 00-0145 EA 12" Amber Arrow	254.00	
34 41 13 00-0146 EA 12" Green Arrow	385.18	
34 41 13 00-0147 EA 8" Red.....	265.94	
34 41 13 00-0148 EA 8" Amber.....	254.88	
34 41 13 00-0149 EA 8" Green	309.44	
34 41 13 00-0150 EA Hand/Man	469.11	
34 41 13 00-0151 EA Frameworks, 8" TV-1-T.....	571.42	
34 41 13 00-0152 EA Frameworks, 8" TV-2-T.....	650.84	
34 41 13 00-0153 EA Frameworks, MAT MT	168.74	
34 41 13 00-0154 EA Frameworks, MAS MT	184.63	
34 41 13 00-0155 EA Frameworks, 3W PT TC	366.68	
34 41 13 00-0156 EA Frameworks, 2W PT TC	370.43	
34 41 13 00-0157 EA Frameworks, 2W SM TC	349.25	
34 41 13 00-0158 EA Frameworks, SV-1	230.61	
34 41 13 00-0159 EA Frameworks, TV-1	222.67	
34 41 13 00-0160 EA Type III Service Pedestal.....	4,555.18	
34 41 13 00-0161 EA Single Fuse Holder	41.41	
34 41 13 00-0162 EA Double Fuse Holder.....	108.09	
34 41 13 00-0163 EA Pullbox, 1-1/2" x 20" x 14"	94.47	
34 41 13 00-0164 EA Pullbox, 5" x 28" x 18".....	129.10	
34 41 13 00-0165 EA Pullbox, 6" x 36" x 23".....	168.55	
34 41 13 00-0166 EA Pullbox Lids, FL9D.....	107.35	
34 41 13 00-0167 EA Pullbox Lids, FL30D.....	202.02	
34 41 13 00-0168 EA Pullbox Lids, FL36D.....	53.71	
34 41 13 00-0169 EA Wireless Access Point (Proxim Tsunami MP11 954-BSUR-US).....	4,050.55	
34 41 13 00-0170 EA Ruggedized Subscriber Unit (Proxim Tsunami MP11 954-SUA-US).....	2,170.20	
34 41 13 00-0171 EA Smart Sensor HD (Wavetronix HD125).....	11,597.96	

34 Transportation**34 40 Transportation Signaling and Control Equipment****34 41 Roadway Signaling and Control Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41	13 00-0172	EA	Access Point (Sensys AP240-ES) Note: RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality.	5,357.14	
34 41	13 00-0173	EA	Sensys Access Point AP240-ESC-VER - RJ45 port supports simultaneous Ethernet and CC card communications (split via Access Box) combined with data relay, statistics-processing and VPN functionality with Integrated 1xRTT cellular data modem for data relay via CDMA.....	9,274.92	
34 41	13 00-0174	EA	Mounting Kit for Access Points and Repeaters (KIT-MTG).....	323.18	
34 41	13 00-0175	EA	Repeater (Sensys RP240-B-LL) Note: Nominal battery capacity of 171 Ah with seven (7) year battery-life.	2,453.89	
34 41	13 00-0176	EA	Wireless Flush Mounted Sensor (Sensys VSN240-F)..... Note: Excludes coring.	1,089.24	
34 41	13 00-0177	EA	Sensor Mounting Bracket, Cable, Lightning Surge Protector, Power Supply, Breaker, AC Surge Protector, Din Rail and Power Plug.....	2,716.38	
34 41	13 00-0178	EA	Pole Base Foundation for 17-2-80, 17-2-100, 19-2-80 Poles.....	7,098.28	1.58
34 41	13 00-0179	EA	Pole Base Foundation for 17-3-80, 19-3-80, 26-3-80 & 26-4-80 Poles.....	9,296.84	1.58
34 41	13 00-0180	EA	Pole Base Foundation for Type 15 and 21 Poles.....	5,535.48	1.58
34 41	13 00-0181	EA	Pole Base Foundation for 18-4-100, 19-4-100, 23-4-100, And 24-4-100 Poles.....	7,098.28	1.58
34 41	13 00-0182	EA	Pole Base Foundation for 26-4-100 And 27-4-100 Poles.....	9,296.84	1.58
34 41	13 00-0183	EA	LED Enhanced Pedestrian Crossing Symbol Sign Note: 2 required per system.	1,905.13	99.24
34 41	13 00-0184	EA	42" Height, 8-1/2" Diameter Automatic Bollard Activation System..... Note: 4 required per system.	5,444.13	595.43
34 41	13 00-0185	EA	Power Control Unit With Enclosure (Solar)..... Note: LightGuard Systems solar power equipment Includes: one solar array consisting of 1 Siemens SP70 solar power module (21" x 47" to be pole mounted, pole not included), #14 AWG solar tray cable, mounting hardware, one enclosure (16-1/2" width x 27-1/2" height x 15" depth), two 12V 80AH deep cycle gel cell batteries and a solar power control unit (PCU).	19,647.63	396.95
34 41	13 00-0186	EA	Power Control Unit With Enclosure (A/C).....	12,559.10	396.95
34 41	13 00-0187	EA	Push Button Assembly With Sign.....	1,058.74	198.47
34 41	13 00-0188	EA	Advanced Warning Signs.....	2,147.02	198.47
34 41	13 00-0189	EA	Traffic Signal Controller Unit, TS 2 Type 1 (ASC/3-1000).....	6,167.28	
34 41	13 00-0190	EA	Traffic Signal Controller Unit, TS 2 Type 2 (ASC/3-2100).....	6,356.63	
34 41	13 00-0191	EA	Traffic Signal Controller Unit, TS 2 Type 2 Econolite Model ASC/2S-2100.....	58,072.69	
34 41	13 00-0192	EA	Traffic Signal Controller Unit, Replacement For Type 170E (ASC/3RM).....	6,612.82	992.74
34 41	13 00-0193	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 1 Way.....	1,138.99	
34 41	13 00-0194	EA	Optical Detector For Mast Arm Mounting, 1 Channel, 2 Way.....	1,250.38	
34 41	13 00-0195	EA	Optical Detector For Mast Arm Mounting, 2 Channel.....	1,615.72	
34 41	13 00-0196	EA	2 Channel Phase Selector.....	3,785.71	
34 41	13 00-0197	EA	4 Channel Phase Selector.....	5,890.88	
34 41	13 00-0198	EA	Malfunction Management Unit For Use With NEMA Controller.....	1,890.79	
34 41	13 00-0199	EA	Malfunction Management Unit For Use With Type 170E Or 2070 Controller.....	1,890.79	54.31
34 41	13 00-0200	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 1 Way.....	1,138.99	217.26
34 41	13 00-0201	EA	Optical Detector For Pole-Side Mounting, 1 Channel, 2 Way.....	1,250.38	217.26
34 41	13 00-0202	EA	Optical Detector For Pole-Side Mounting, 2 Channel.....	1,615.72	217.26
34 41	13 00-0203	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 1 Way.....	1,138.99	217.26
34 41	13 00-0204	EA	Optical Detector For Pedestal Or Pipe Mounting, 1 Channel, 2 Way.....	1,250.38	217.26
34 41	13 00-0205	EA	Optical Detector For Pedestal Or Pipe Mounting, 2 Channel.....	1,615.72	217.26
34 41	13 00-0206	EA	Optical Detector For Span Wire Mounting, 1 Channel, 1 Way.....	1,138.99	217.26
34 41	13 00-0207	EA	Optical Detector For Span Wire Mounting, 1 Channel, 2 Way.....	1,250.38	217.26
34 41	13 00-0208	EA	Optical Detector For Span Wire Mounting, 2 Channel.....	1,615.72	217.26
34 41	13 00-0209	EA	Optical Detector For Signal Top Mounting, 1 Channel, 1 Way.....	1,138.99	217.26
34 41	13 00-0210	EA	Optical Detector For Signal Top Mounting, 1 Channel, 2 Way.....	1,250.38	217.26
34 41	13 00-0211	EA	Optical Detector For Signal Top Mounting, 2 Channel.....	1,615.72	217.26
34 41	13 00-0212	EA	Time Switch, 1-Circuit.....	253.74	
34 41	13 00-0213	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Normal.....	379.14	
34 41	13 00-0214	EA	Digital Loop-Type Vehicle Detector Card, 2-Channel, Stretch/Delay.....	497.20	
34 41	13 00-0215	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Normal.....	708.84	
34 41	13 00-0216	EA	Digital Loop-Type Vehicle Detector Card, 4-Channel, Stretch/Delay.....	891.51	
34 41	13 00-0217	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply.....	2,428.62	
34 41	13 00-0218	EA	Digital Loop-Type Vehicle Detector Card Rack With Power Supply For Remote Detector Cabinet.....	2,428.62	
34 41	13 00-0219	EA	Power Line Surge Protector - Edco SHP 300-10.....	222.11	
34 41	13 00-0220	EA	Loop Detector Surge Protector - Edco SRA-6LC.....	111.75	
34 41	13 00-0221	EA	Controller Cabinet (Econolite Type "O").....	33,189.18	
34 41	13 00-0222	EA	Controller Cabinet With 1 Detector Rack And 1 Load Switch Bay.....	14,304.97	
34 41	13 00-0223	EA	Controller Cabinet With 1 Detector Rack And 2 Load Switch Bays.....	15,574.75	
34 41	13 00-0224	EA	Controller Cabinet With 2 Detector Racks And 1 Load Switch Bay.....	17,100.73	
34 41	13 00-0225	EA	Controller Cabinet With 2 Detector Racks And 2 Load Switch Bays.....	17,568.55	
34 41	13 00-0226	EA	Speed Limit Beacon Control Cabinet.....	7,058.36	
34 41	13 00-0227	EA	Speed Limit Beacon Control Option.....	6,313.81	372.28
34 41	13 00-0228	EA	Remote Detector Cabinet.....	3,605.43	
34 41	13 00-0229	EA	Traffic Signal Hand Control.....	1,027.88	
34 41	13 00-0230	EA	Extra Pedestrian Detector Isolation Assembly.....	805.10	
34 41	13 00-0231	EA	Fiber Optic Transceivers-Repeater Module.....	978.19	
34 41	13 00-0232	EA	Field Transceiver-Repeater.....	463.44	
34 41	13 00-0233	EA	Load Switch.....	103.17	
34 41	13 00-0234	EA	30" Pedestal With Base Plate And Cover.....	898.88	
34 41	13 00-0235	EA	8' Pedestal With Base Plate And Cover.....	1,327.65	
34 41	13 00-0236	EA	11' Pedestal With Base Plate And Cover.....	1,478.19	
34 41	13 00-0237	EA	15' Pedestal With Base Plate And Cover.....	1,640.40	
34 41	13 00-0238	LF	6-Fiber Interconnect Cable, Fiber Optic, Single Mode.....	1.42	
34 41	13 00-0239	LF	12-Fiber Interconnect Cable, Fiber Optic, Single Mode.....	1.52	
34 41	13 00-0240	LF	24-Fiber Interconnect Cable, Fiber Optic, Single Mode.....	1.80	
34 41	13 00-0241	LF	36-Fiber Interconnect Cable, Fiber Optic, Single Mode.....	2.09	
34 41	13 00-0242	LF	48-Fiber Interconnect Cable, Fiber Optic, Single Mode.....	2.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0243 LF 72-Fiber Interconnect Cable, Fiber Optic, Single Mode	2.87	
34 41 13 00-0244 LF 96-Fiber Interconnect Cable, Fiber Optic, Single Mode	3.34	
34 41 13 00-0245 LF 144-Fiber Interconnect Cable, Fiber Optic, Single Mode	4.27	
34 41 13 00-0246 LF 3/16" Diameter Messenger Cable	0.70	0.10
34 41 13 00-0247 LF 1/4" Diameter Messenger Cable	0.84	0.10
34 41 13 00-0248 LF 3/8" Diameter Messenger Cable	1.57	0.10
34 41 13 00-0249 LF 1/2" Diameter Messenger Cable	3.26	0.21
34 41 13 00-0250 EA 4' Diameter x 10' Concrete Base For Poles	2,666.03	
Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
34 41 13 00-0251 EA 4' Diameter x 16' Concrete Base For Poles	4,203.02	
Note: Includes drilling in earth, rebar, bolts, forms for exposed base, bolts and concrete.		
34 41 13 00-0252 EA Internally Illuminated Street Name Sign, 1 Line, 4'	2,813.18	248.18
34 41 13 00-0253 EA Internally Illuminated Street Name Sign, 1 Line, 6'	3,471.92	310.23
34 41 13 00-0254 EA Internally Illuminated Street Name Sign, 1 Line, 8'	3,774.23	372.28
34 41 13 00-0255 EA Internally Illuminated Street Name Sign, 1 Line, 10'	4,254.75	434.32
34 41 13 00-0256 EA Internally Illuminated Street Name Sign, 1 Line, 12'	4,557.06	496.37
34 41 13 00-0257 EA Internally Illuminated Street Name Sign, 2 Line, 4'	4,497.32	248.18
34 41 13 00-0258 EA Internally Illuminated Street Name Sign, 2 Line, 6'	5,539.22	310.23
34 41 13 00-0259 EA Internally Illuminated Street Name Sign, 2 Line, 8'	5,966.29	372.28
34 41 13 00-0260 EA Internally Illuminated Street Name Sign, 2 Line, 10'	6,660.67	434.32
34 41 13 00-0261 EA Internally Illuminated Street Name Sign, 2 Line, 12'	7,141.19	496.37
34 41 13 00-0262 EA Photoelectric Controller, Multi-Volt	89.91	28.24
34 41 13 00-0263 EA Photoelectric Controller, 120 Volt	93.61	28.24
34 41 13 00-0264 EA Photoelectric Controller, 480 Volt	93.61	28.24
34 41 13 00-0265 EA Wi-Fi Communication Unit	1,471.19	124.09
34 41 13 00-0266 EA Wi-Fi Communication Unit Mounting Bracket	297.52	93.07
34 41 13 00-0267 EA Wi-Fi Communication Unit Power Supply / POE Injector	277.80	62.05
34 41 13 00-0268 EA Wi-Fi Communication Unit Packet	2,046.51	186.14
34 41 13 00-0269 LF Preemptor Detector Cable	1.74	
34 41 13 00-0270 EA Sno-Shoe Cable Storage Assembly	260.37	
34 41 13 00-0271 Traffic Signal Cable <small>(34 41 13)</small>		
34 41 13 00-0272 LF 16 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.02	0.86
34 41 13 00-0273 LF 16 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.27	0.92
34 41 13 00-0274 LF 16 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.52	0.98
34 41 13 00-0275 LF 16 AWG, 5-Conductor, Solid, Traffic Signal Cable	2.74	1.05
34 41 13 00-0276 LF 16 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.03	1.11
34 41 13 00-0277 LF 16 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.54	1.23
34 41 13 00-0278 LF 16 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.16	1.42
34 41 13 00-0279 LF 16 AWG, 12-Conductor, Solid, Traffic Signal Cable	4.77	1.61
34 41 13 00-0280 LF 16 AWG, 16-Conductor, Solid, Traffic Signal Cable	5.68	1.79
34 41 13 00-0281 LF 16 AWG, 20-Conductor, Solid, Traffic Signal Cable	6.75	1.97
34 41 13 00-0282 LF 14 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.10	0.86
34 41 13 00-0283 LF 14 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.37	0.92
34 41 13 00-0284 LF 14 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.65	0.98
34 41 13 00-0285 LF 14 AWG, 5-Conductor, Solid, Traffic Signal Cable	2.91	1.05
34 41 13 00-0286 LF 14 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.24	1.11
34 41 13 00-0287 LF 14 AWG, 8-Conductor, Solid, Traffic Signal Cable	3.80	1.23
34 41 13 00-0288 LF 14 AWG, 10-Conductor, Solid, Traffic Signal Cable	4.49	1.42
34 41 13 00-0289 LF 14 AWG, 12-Conductor, Solid, Traffic Signal Cable	5.17	1.61
34 41 13 00-0290 LF 14 AWG, 16-Conductor, Solid, Traffic Signal Cable	6.20	1.79
34 41 13 00-0291 LF 14 AWG, 20-Conductor, Solid, Traffic Signal Cable	7.45	1.97
34 41 13 00-0292 LF 12 AWG, 2-Conductor, Solid, Traffic Signal Cable	2.27	0.86
34 41 13 00-0293 LF 12 AWG, 3-Conductor, Solid, Traffic Signal Cable	2.63	0.92
34 41 13 00-0294 LF 12 AWG, 4-Conductor, Solid, Traffic Signal Cable	2.98	0.98
34 41 13 00-0295 LF 12 AWG, 5-Conductor, Solid, Traffic Signal Cable	3.30	1.05
34 41 13 00-0296 LF 12 AWG, 6-Conductor, Solid, Traffic Signal Cable	3.73	1.11
34 41 13 00-0297 LF 12 AWG, 8-Conductor, Solid, Traffic Signal Cable	4.45	1.23
34 41 13 00-0298 LF 12 AWG, 10-Conductor, Solid, Traffic Signal Cable	5.28	1.42
34 41 13 00-0299 LF 12 AWG, 12-Conductor, Solid, Traffic Signal Cable	6.11	1.61
34 41 13 00-0300 LF 12 AWG, 16-Conductor, Solid, Traffic Signal Cable	7.46	1.79
34 41 13 00-0301 LF 12 AWG, 20-Conductor, Solid, Traffic Signal Cable	9.13	1.97
34 41 13 00-0302 School Zone Flasher Beacons <small>(34 41 13)</small>		
34 41 13 00-0303 EA One 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly	5,875.93	185.28
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0304 EA One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly	5,918.25	185.28
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 30 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0305 EA Two 8" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly	6,636.74	185.28
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0306 EA Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly	6,772.16	185.28
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.		
34 41 13 00-0307 EA 10" Digit Radar Display, One 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly ...	12,491.68	185.28
Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 80 Watt tilted solar panel, solar regulator, and solid state flasher.		

34 Transportation**34 40 Transportation Signaling and Control Equipment****34 41 Roadway Signaling and Control Equipment**

MINOR		TOTAL DIRECT		DEMOLITION	
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST	UNIT COST
34 41 13 00-0308	EA	10" Digit Radar Display, Two 12" Amber LED Beacon Head, Solar Panel School Zone Flasher Beacons Assembly ... Note: Includes 365 day timer, aluminum control/battery enclosure, 2 AGM cell batteries, brackets, 40 Watt tilted solar panel, solar regulator, and solid state flasher.	13,022.40		185.28
34 41 13 00-0309		Traffic Light Control Synchronization <small>(34 41 13)</small>			
34 41 13 00-0310	EA	ENCOM COMPAK IP Radio/Wireless Ethernet Transceiver, 900 MHz FHSS 1 Watt output power and 128-bit data encryption with 1.1Mbps Throughput.....	5,082.30		
34 41 13 00-0311	EA	ENCOM 5200R 900 MHz Serial Radio Modem, contains one Serial (RS-232 or RS-485) interface and 170/TS1/TS2 detector rack (EPR-5200R)	3,773.98		
34 41 13 00-0312	EA	ENCOM Dual 2.4/2.4 GHz Broadband Radio with Integrated Antenna (COMMPAKBB24/24).....	8,529.88		
34 41 13 00-0313	EA	5.8 GHz Broadband Radio with Integrated Antenna (COMMPAKBB58INT)	5,878.64		
34 41 13 00-0314	EA	2.4 GHz Broadband Radio with Integrated Antenna (COMMPAKBB24INT)	5,878.64		
34 41 13 00-0315	EA	Solar Cabinet Assembly.....	15,677.54		
34 41 13 00-0316	EA	Data Controller Interface Cable Assembly	607.16		
34 41 13 00-0317	EA	900 MHZ Splitter.....	743.18		
34 41 13 00-0318	EA	900 MHz Surge Suppressor.....	269.82		
34 41 13 00-0319	EA	Surge-Radio Lead in Cable.....	169.90		
34 41 13 00-0320	EA	12DB GAIN YAGI Antenna	740.71		
34 41 13 00-0321	EA	PELCO Antenna Mounting Bracket	482.52		
34 41 13 00-0322	MLF	Coaxial Cable, LMR-400.....	4,109.95		
34 41 13 00-0323	EA	Perle 16 Port Serial Server	4,080.55		
34 41 13 00-0324	EA	Serial to Ethernet Card	2,249.32		
34 41 13 00-0325	EA	404 Stand Alone Modem (GDI 404).....	2,076.18		
34 41 13 00-0326		Traffic Signal Controls <small>(34 41 13)</small>			
34 41 13 00-0327	EA	Master Card for Type 2070 or NEMA TS2 traffic controllers (CC-TS2).....	1,760.27		
34 41 13 00-0328	EA	Extension Card for Type 2070 or NEMA traffic controllers (EX-TS2).....	759.65		
34 41 13 00-0329	EA	AccessBox for contract closure master card (CC-ACC).....	266.20		
34 41 13 00-0330	EA	Flush Mount Wireless Sensor (ATT VSN240-F).....	1,022.33		
34 41 13 00-0331	EA	Flush Mount Wireless Sensor (Speed & Count VSN240-F).....	1,022.33		
34 41 13 00-0332	EA	Epoxy Tube for Installation of Wireless Sensor (VSN240-EPX)	157.01		
34 41 13 00-0333	EA	SNAPS License for each enabled AP (SNAPS-PER-AP).....	436.28		
34 41 13 00-0334		Traffic Signal Devices <small>(34 41 13)</small>			
34 41 13 00-0335	EA	12" Polycarbonate Signal Head Housing (McCain).....	941.11	89.31	
34 41 13 00-0336	EA	16" Polycarbonate Pedestrian Signal Housing (McCain)	472.51	69.47	
34 41 13 00-0337	EA	Pedestrian Push Button Cap & Switch (McCain M31334)	334.27	129.01	
34 41 13 00-0338	EA	Pedestrian Push Button Frame Assembly 4" Diameter Pole (McCain M19712)	453.35	188.55	
34 41 13 00-0339	EA	Pedestrian Push Button Frame Assembly 2" Diameter Pole (McCain M30793).....	347.27	148.85	
34 41 13 00-0340	EA	16 Channel Conflict Monitor (McCain 2010 ECLIP)	1,434.76	64.50	
34 41 13 00-0341	EA	LED Countdown Head (McCain GTX PS7-CFF1-VLA).....	291.71	24.81	
34 41 13 00-0342	EA	Traffic signal Video Detection Camera (Iteris RZ4-awdr).....	3,258.71	109.16	
34 41 13 00-0343	EA	Camera processor card (Iteris Edge Connect).....	7,465.81	158.78	
34 41 13 00-0344	EA	Wireless Broadband Radio (Encom BB58).....	7,050.42	148.85	
34 41 13 00-0345	EA	24-port Gigabit and 4-port 1G/10G SFP+ Ethernet Switch (Etherwan EX77900).....	4,651.02	119.09	
34 41 13 00-0346	EA	Power Adapter (Mean Well DR-120-48)	153.75	37.22	
34 41 13 00-0347	LF	14/1 Cal Trans Type 2 Inductive Traffic Detection Loops (Advanced Digital Cable 8452).....	0.86		
34 41 13 00-0348	EA	Radar Detection System (Wavetronix Matrix)	13,412.33	377.10	
34 41 13 00-0349	EA	Pedestrian Audio Push Button (Polaris APS)	378.75	94.28	
34 41 13 00-0350	EA	Opticom Infrared System - Detector (GTT 711)	1,027.21	88.52	
34 41 13 00-0351	EA	Opticom Infrared System - Detector (GTT 721).....	1,149.27	99.04	
34 41 13 00-0352	EA	Opticom Infrared System - Detector (GTT 722).....	1,600.69	137.94	
34 41 13 00-0353	EA	Opticom Multimode Phase Selector (GTT 764)	5,407.20	81.62	
34 41 13 00-0354	LF	Opticom GPS Installation Cable (GTT 1070).....	1.04		
34 41 13 00-0355	EA	Precast Concrete Traffic Pull Box, 5-T, with steel frame & diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1324)	892.98		
34 41 13 00-0356	EA	Precast Concrete Traffic Pull Box, 6-T, with steel frame & diamond steel plate lid ("Traffic Signal") (Jensen Precast HT1730)	947.25		
34 41 13 00-0357	EA	UPS Module (Alpha Technologies FXM 350)	1,458.11	54.31	
		Note: For battery backup in traffic signal control cabinet			
34 41 13 00-0358	EA	Web Connected Relay Switch (Control by Web X-301 WebRelay-Dual).....	451.39	44.66	
		Note: To control flashing "School" signs			
34 41 13 00-0359	LF	Fiber optic cable, 72 strand, single mode, riser non-plenum jacket (Optical Cable Corp DX072DSLX9KR).....	10.29	0.46	
34 41 13 00-0360	LF	Fiber optic cable, 12 strand, multi mode, riser non-plenum jacket (Superior Essex W30126G01 MM Fiber)	2.42	0.39	
34 41 13 00-0361	EA	12" LED Signal Module, Tinted Lens, Red (GE DR6-RTFB-VLA).....	127.80	44.66	
34 41 13 00-0362	EA	12" LED Signal Module, Tinted Lens, Yellow (GE DR6-YTFB-VLA).....	127.80	44.66	
34 41 13 00-0363	EA	12" LED Signal Module, Tinted Lens, Green (GE DR6-GTFB-VLA).....	127.80	44.66	
34 41 13 00-0364	EA	12" LED Signal Module, Clear Lens, Red (GE DR6-RCFB-VLA).....	127.80	44.66	
34 41 13 00-0365	EA	12" LED Signal Module, Clear Lens, Yellow (GE DR6-YCFB-VLA).....	127.80	44.66	
34 41 13 00-0366	EA	12" LED Signal Module, Clear Lens, Green (GE DR6-GCFB-VLA).....	127.80	44.66	
34 41 13 00-0367	EA	LED Countdown Pedestrian Signal, 16" x 18" (GE PS7-CFF1-VLA).....	381.16	114.12	
34 41 13 00-0368	EA	EOC Switch (Actellis ML688).....	5,290.64	353.04	
34 41 13 00-0369	EA	Ethernet Extender Kit (ENABLE-IT 860 Pro)	1,428.98	81.47	
34 41 13 00-0370	EA	#5 pull box lid (Concrete, Bolt down) (Christy N30T)	109.06	20.65	
34 41 13 00-0371	EA	#5 pull box lid (Steel, Bolt down) (Christy N30-61J).....	406.46	29.89	
34 41 13 00-0372	EA	#6 pull box lid (Concrete, Bolt down) (Christy N36T)	137.48	20.65	
34 41 13 00-0373	EA	#6 pull box lid (Steel, Bolt down) (Christy N36-61J).....	494.44	29.89	
34 41 13 00-0374	EA	Battery Back-up (Alpha FXM110 UPS).....	3,459.91	108.63	
34 41 13 00-0375	EA	Battery (Alpha AlphaCell 220GXL)	486.66	27.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 13 00-0376 EA BBS Cabinet (Alpha SE48-1616).....	3,947.65	244.41
34 41 13 00-0377 LF Fiber 72 Strands (Corning 072ZU4-T3F22D20).....	5.54	2.12
34 41 13 00-0378 LF Fiber 12 Strands (Corning 012ZU4-T3F22D20).....	2.43	0.98
34 41 13 00-0379 EA FDU & Splice Cassette with LC connector type (Corning CCH-01U, CCH-CS12-B3-P00RE).....	1,224.96	81.47
34 41 13 00-0380 EA 12" THREE SECTION HOUSING (McCain M22435).....	843.63	54.31
34 41 13 00-0381 EA 12" FOUR SECTION HOUSING (McCain M30883).....	1,081.69	81.47
34 41 13 00-0382 EA 12" FIVE SECTION HOUSING (McCain M31769).....	1,265.44	81.47
34 41 13 00-0383 EA 12" CLUSTER, WITHOUT MAS (McCain M30987).....	1,357.32	81.47
34 41 13 00-0384 EA CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650).....	843.63	54.31
34 41 13 00-0385 EA NAVIGATOR iN2 APS 2 WIRE PPB #IN250N0-B (Polara iN250N0-B).....	843.63	54.31
34 41 13 00-0386 EA NAVIGATOR iN2 CONTROLLER RACK MOUNT iCCU-C (Polara iCCU-C).....	4,973.95	190.10
34 41 13 00-0387 EA NAVIGATOR iN2 INTERCONNECT BOARD iN2-ICB-C (Polara iN2-ICB-C).....	238.06	27.16
34 41 13 00-0388 EA NAVIGATOR iN2 POWER SUPPLY iN2-150-WPS-C (Polara iN2-150-WPS-C).....	238.06	27.16
34 41 13 00-0389 EA NAVIGATOR iN2 CONNECTOR iN2-C4CABLE-C (Polara iN2-c4cable-C).....	540.85	40.74
34 41 13 00-0390 EA 12" Visor (McCain M19302).....	40.10	10.87
34 41 13 00-0391 EA LS,2202-HV (iPack), HDSP/FLASHER UNIT,ATC (McCain M36256).....	448.97	40.74
34 41 13 00-0392 EA SIU,2218 SERIAL INTERFACE UNIT,ATC (McCain M36258).....	751.75	54.31
34 41 13 00-0393 EA CMU,2212-HV (ip),32 CH W/ ETHERNET PORT, ATC (McCain M36259).....	1,403.25	81.47
34 41 13 00-0394 EA ATCC-HV, INPUT ASSEMBLY, 24 CH W/ CONN IDC26 (McCain M54487).....	751.75	54.31
34 41 13 00-0395 EA HARN, SB1/SB2,COMM EXTENSION (McCain M48062).....	146.19	27.16
34 41 13 00-0396 EA ATCC-HV/LV, FITA ASSEMBLY, 24CH (McCain M54489).....	448.97	40.74
34 41 13 00-0397 EA CMU DATAKEY PROGRAMMER, EDI MONITORKEY-USB (McCain M84650).....	843.63	54.31
34 41 13 00-0398 EA 242L ISOLATOR, EDI (McCain M56812).....	146.19	27.16
34 41 13 00-0399 EA EDI 222 DETECTOR (McCain M11407).....	192.12	27.16
34 41 13 00-0400 EA ALPHA BBS, INVERTER & BYPASS SWITCH (McCain M59763).....	3,395.32	135.78
34 41 13 00-0401 EA GENERATOR SWITCH AND PLUG ASSY FOR ALPHA BBS (McCain M68752-2).....	549.63	54.31
34 41 13 00-0402 EA BBS BATTERY, ALPHACELL 165GXL (McCain M59884).....	751.75	54.31
34 41 13 00-0403 EA Battery Backup Cabinet Anonidize 44x26x12 (McCain M64438A).....	1,587.00	81.47
34 41 16 Traffic Control Equipment (34 41)		
34 41 16 00-0001 Transportation Control Equipment (34 41 16)		
34 41 16 00-0002 EA CONTROLLER/SL/POLE MTD/1-PHASE/100A.....	10,159.89	857.73
34 41 16 00-0003 EA CONTROLLER/SL/ON EMB POLE 1-PH/100A.....	10,258.71	907.12
34 41 16 00-0004 EA CONTROLLER, SL, 3-PHASE, 100A, BASE MTD.....	12,565.47	917.79
34 41 16 00-0005 EA CONTROLLER, SL, 3-PHASE, 200A, BASE MTD.....	14,929.61	1,114.35
34 41 16 00-0006 EA CONTROLLER/SL/BASE MTD/1-PHASE/100A.....	12,396.41	549.73
34 41 16 00-0007 EA CONTROLLER/SL/BASE MTD/1-PHASE/200A.....	13,746.57	601.85
34 41 16 00-0008 EA CONTROLLER, TS, 12-BAY, "M" CABINET.....	22,657.73	946.20
34 41 16 00-0009 EA CONTROLLER, TS, 12-BAY, "P" CABINET.....	24,102.20	1,048.58
34 41 16 00-0010 EA CONTROLLER, TS, 12-BAY "P" CABINET With FO MASTER.....	34,590.48	1,178.88
34 41 16 00-0011 EA CONTROLLER, TS, 16-BAY, "P" CABINET.....	27,338.00	1,116.84
34 41 16 00-0012 EA CONTROLLER, PEDESTRIAN CROSSING, ADD-IN.....	773.60	131.17
34 41 16 00-0013 EA CONCRETE BLOCK PEDESTAL.....	692.14	196.93
34 41 16 00-0014 WK MAINTAIN EXIST TS INSTALLATION.....	301.71	150.84
34 41 16 00-0015 EA INST SIGN BOARDS, ST. NAME.....	555.38	259.73
34 41 16 00-0016 EA F.O. ADD-IN FOR LOCAL CONTROLLER.....	11,526.06	339.69
34 41 16 00-0017 EA F.O. ADD-IN FOR MASTER CONTROLLER.....	27,983.19	509.68
34 41 16 00-0018 EA PDU Equipped netBooster With IEC320 C13 Outlets (Synaccess NP-0808DUH).....	1,046.17	14.15
34 41 16 00-0019 EA Remote Power Switched netBooster PDU, 8 Independent Outlets (Synaccess NP-0801DU).....	592.51	14.15
34 41 16 00-0020 Transportation Cabinets (34 41 16)		
34 41 16 00-0021 Transportation Cabinets (Dudlik Enclosures) (34 41 16 00-0020)		
34 41 16 00-0022 EA 50" x 30" x 17", Aluminum CCTV Cabinet (Dudlik Enclosures).....	2,707.68	162.94
34 41 16 00-0023 EA 66" x 48" x 30", Quad Door, 19" Racks, Aluminum CCTV Cabinet (Dudlik Enclosures).....	11,734.49	162.94
34 41 16 00-0024 EA 46" x 30" x 20", 19" Rack, Aluminum TTS Cabinet (Dudlik Enclosures).....	2,527.54	162.94
34 41 16 00-0025 EA 50" x 30" x 17", Aluminum ITS Controller Cabinet (Dudlik Enclosures).....	2,707.68	162.94
34 41 16 00-0026 EA 60" x 50" x 36", Quad Door, 19" Racks, Aluminum Fiber Cross Connect Cabinet (Dudlik Enclosures).....	12,134.79	162.94
34 41 16 00-0027 EA 55" x 16" x 17", Aluminum ITS Meter Cabinet (Dudlik Enclosures).....	1,726.94	162.94
34 41 16 00-0028 Transportation Cabinets (APX Enclosures) (34 41 16 00-0020)		
34 41 16 00-0029 EA 28" Wide, 16" Depth, 46" High, ITS Controller Cabinet (APX Enclosure LS503017).....	6,673.16	190.10
Note: 3R, single door, pad mounted aluminum enclosure. Includes natural finish, aluminum back panel, light kit with door switch, thermostatically controlled fan kit, heater kit with thermostat, one aluminum moveable shelf, and one aluminum moveable shelf with slide out drawer. Excludes pad.		
34 41 16 00-0030 Transportation Cabinets (Transportation Control Systems) (34 41 16 00-0020)		
34 41 16 00-0031 EA 30" Wide, 16" Depth, 48" High, Type 4, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B483016B2D2S).....	2,550.56	162.94
34 41 16 00-0032 EA 30" Wide, 16" Depth, 60" High, Type 4 Stretch, Aluminum Transportation Cabinet With Door Vents (Transportation Control Systems B603016B2D2S).....	3,190.26	173.81
34 41 16 00-0033 Transportation Cabinets (McCain) (34 41 16 00-0020)		
34 41 16 00-0034 EA 24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 352i).....	12,223.42	190.10
Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.		
34 41 16 00-0035 EA 24" Wide, 30" Depth, 67" High, ATC Cabinet (McCain 332).....	12,223.42	190.10
Note: 3R, single door, pad mounted anodized aluminum enclosure. Excludes pad.		

34 Transportation**34 40 Transportation Signaling and Control Equipment****34 41 Roadway Signaling and Control Equipment**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0036	EA		ATC ColdFire Controller (McCain 170).....	6,222.52	
34 41 16 00-0037			Traffic Control Equipment <small>(34 41 16)</small>		
34 41 16 00-0038	EA		ProStar PWM Charge Controller 12/24 Volt, 15 Amperes Without Display (Morningstar PS-15).....	295.67	54.31
34 41 16 00-0039	EA		ProStar PWM Charge Controller 12/24 Volt, 15 Amperes With Display (Morningstar PS-15M).....	397.01	54.31
34 41 16 00-0040	EA		ProStar PWM Charge Controller 12/24 Volt, 30 Amperes With Display (Morningstar PS-30M).....	461.39	54.31
34 41 16 00-0041	EA		ProStar PWM Charge Controller 12/24 Volt, 30 Amperes Without Display (Morningstar PS-30).....	351.94	54.31
34 41 16 00-0042	MLF		10 AWG, 2 Conductor, 600V, Type TC, Non-Shielded Control Tray Cable (EnerSys A51002R).....	2,743.28	595.43
34 41 16 00-0043	EA		Vehicle Detector, Circuit Breaker, 0.2 Amperes, Wavetronix SmartSensor (Wavetronix WX-CLK-210-02).....	116.11	27.16
34 41 16 00-0044	EA		Vehicle Detector, 2.4 GHz 12 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0141).....	556.10	61.76
34 41 16 00-0045	EA		Detection System, Vehicle, Two Sensor Preassembled Backplate, with AC Power (Wavetronix WX-SSB01-0003).....	2,966.03	185.28
34 41 16 00-0046	EA		Vehicle Detector, Power Supply, 24 Volt DC, 4 Amperes (Wavetronix WX-CLK-204).....	538.38	27.16
34 41 16 00-0047	EA		Vehicle Detector, 4-Channel Contact Matrix Closure, Rack Card (Wavetronix WX-CLK-114).....	775.27	27.16
34 41 16 00-0048	EA		4 Channel Din-Rail Contact Closure Module (Wavetronix WX-CLK-104).....	881.09	54.31
34 41 16 00-0049	EA		Detection System, Vehicle, Four Sensor Preassembled Backplate, With AC Power, Wavetronix Smartsensor (Wavetronix WX-SS-B01-0005).....	3,940.03	54.31
34 41 16 00-0050	EA		50' Wavetronix Wiring Whip (Wavetronix WX-SS-708-060).....	370.57	185.28
34 41 16 00-0051	EA		60', 6-Conductor Power And Communication Cable With Connector (Wavetronix WX-SS-704-060).....	556.12	46.32
34 41 16 00-0052	EA		900 MHz 5 dBi Omni Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0119).....	473.70	61.76
34 41 16 00-0053	EA		900 MHz 9 dBi Yagi Antenna, Wavetronix SmartSensor (Wavetronix WX-100-0120).....	288.31	61.76
34 41 16 00-0054	EA		Wavetronix Click 201 AC To DC Power Converter (Wavetronix WX-CLK-201).....	332.40	27.16
34 41 16 00-0055	EA		24 Volt DC 2 Amperes, Wavetronix Smartsensor (Wavetronix WX-CLK-202).....	404.49	27.16
34 41 16 00-0056	EA		Coax Surge N-Type, Wavetronix SmartSensor (Wavetronix WX-CLK-250).....	177.90	27.16
34 41 16 00-0057	EA		Power, RS232/RS485 Surge, Wavetronix Smartsensor (Wavetronix WX-CLK-200).....	548.68	27.16
34 41 16 00-0058	EA		Two Sensor Surge, Wavetronix SmartSensor (Wavetronix WX-CLK-222).....	620.78	27.16
34 41 16 00-0059	EA		RS232 to RS485 Converter, Wavetronix SmartSensor (Wavetronix WX-CLK-304).....	775.27	27.16
34 41 16 00-0060	EA		Wavetronix Click 301 Serial To Ethernet Converter (Wavetronix CLK-301).....	54.31	27.16
34 41 16 00-0061	EA		Sensor Mount, Heavy Duty, 6 inch, 2 Axis Aluminum Bracket (Wavetronix WX-SS-611).....	484.00	61.76
34 41 16 00-0062	MLF		LF, UV Resistant Polyethylene Jacketed Cable (Times Microwave Systems LMR-400).....	3,258.25	595.43
34 41 16 00-0063	EA		N-Male (Plug) Clamp Connector (Times Microwave Systems TC-400-NMC).....	55.25	16.29
34 41 16 00-0064	EA		Spectra IV SE Back Box, Heavy-Duty, Pendant Mount (Pelco BB4HD-PG-E).....	1,000.26	65.18
34 41 16 00-0065	EA		Spectra III Clear Pendant Lower Dome, Heavy Duty (Pelco Id53hdpb-1).....	964.13	81.47
34 41 16 00-0066	EA		24" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2000).....	211.44	27.16
34 41 16 00-0067	EA		10" Height, Ceiling/Pedestal Mount For Pan/Tilts Or Enclosures (Pelco pm2010).....	151.77	27.16
34 41 16 00-0068	EA		24 Volt AC, Remote Data Port (Pelco IPS-RDPE-2).....	523.26	27.16
34 41 16 00-0069	EA		Spectra IV Remote Monitor Interface Cable (Pelco IPS-CABLE).....	210.76	27.16
34 41 16 00-0070	EA		120 Volt AC, 12.5 Watt, 12 Volt DC, 600 mA, External Plug In Power Supply (Triad Magnetics WDU12-600).....	77.75	27.16
34 41 16 00-0071	EA		Control Area Network Direct Current Input/Output (Daktronics 0P-1247-0009).....	726.60	54.31
			Note: Input/Output for sign peripherals.		
34 41 16 00-0072	EA		Control Area Network Direct Current Input/Output (Daktronics 0P-1247-4009).....	726.60	54.31
			Note: Input/Output for sign peripherals.		
34 41 16 00-0073	EA		Control Area Network Distribution Board (Daktronics 0P-1248-0005).....	1,396.06	54.31
			Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.		
34 41 16 00-0074	EA		Control Area Network Distribution Board (Daktronics 0P-1248-0011).....	1,396.06	54.31
			Note: Signal distribution point between sign modules and peripherals, and VFC-3000 Field Controller.		
34 41 16 00-0075	EA		Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0019).....	458.81	54.31
			Note: Measures temperature and detects light and reports to CAN Dist Board.		
34 41 16 00-0076	EA		Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0015).....	664.80	54.31
			Note: Measures temperature and detects light and humidity and reports to CAN Dist board.		
34 41 16 00-0077	EA		Control Area Network Temperature, Light Sensor, And Humidity (Daktronics 0P-1247-0021).....	664.80	54.31
			Note: Measures temperature and detects light and humidity and reports to CAN Dist board.		
34 41 16 00-0078	EA		Control Area Network Temperature And Light Sensor (Daktronics 0P-1247-0003).....	541.21	54.31
			Note: Measures temperature and detects light and reports to CAN Dist board.		
34 41 16 00-0079	EA		Controller, VFC-3000 Field Controller NTCIPv1 (Daktronics 0A-1248-0016).....	9,704.01	217.26
			Note: The "brains" of the sign. Receives information from NTCIP central software and reports status and diagnostic information.		
34 41 16 00-0080	EA		DC/DC, Direct Current to Direct Current Converter (Daktronics 0P-1247-0025).....	404.49	27.16
			Note: Takes 24 Volt DC input from two power supplies and outputs 9 Volt DC for CAN Dist Board, providing power redundancy.		
34 41 16 00-0081	EA		Driver (Daktronics 0P-1100-0026).....	766.66	43.45
			Note: Driver takes data packets from Control Area Network to determine what pixels (LED clusters) are ON and which are OFF.		
34 41 16 00-0082	EA		External Temp Sensor (Daktronics 0P-1100-0014).....	673.97	43.45
			Note: Sensor that measures ambient temperature.		
34 41 16 00-0083	EA		Internal Temp Sensor (Daktronics 0P-1100-0038).....	756.36	43.45
			Note: Sensor that measures sign internal temperature.		
34 41 16 00-0084	EA		Light Level Detector (Daktronics 0P-1151-0002).....	447.38	43.45
			Note: The values from the light sensors are used by the sign controller to determine the appropriate sign brightness.		
34 41 16 00-0085	EA		Module (Daktronics 0A-1253-0608).....	1,396.06	54.31
			Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0086	EA		Module (Daktronics 0A-1253-3018).....	1,756.54	54.31
			Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0087	EA		Module (Daktronics 0A-1266-5002).....	1,550.55	54.31
			Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0088	EA		Module (Daktronics 0A-1332-6252).....	2,168.52	54.31
			Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0089	EA		Module (Daktronics 0A-1332-6455).....	1,756.54	54.31
			Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0090	EA		Module (Daktronics 0A-1332-6654).....	1,756.54	54.31
			Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		
34 41 16 00-0091	EA		Module (Daktronics 0P-1332-3015).....	932.59	54.31
			Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0092 EA Module (Daktronics 0P-1332-4116)..... Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	932.59	54.31
34 41 16 00-0093 EA Module (Daktronics 0P-1332-5031)..... Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	932.59	54.31
34 41 16 00-0094 EA Module (Daktronics 0P-1332-5017)..... Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display.	932.59	54.31
34 41 16 00-0095 EA Module Without Pan (Daktronics 0A-1253-0603)..... Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign).	1,396.06	54.31
34 41 16 00-0096 EA Module Without Pan (Daktronics 0A-1253-1605)..... Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign).	1,396.06	54.31
34 41 16 00-0097 EA Module Without Pan (Daktronics 0A-1254-1601)..... Note: Printed circuit board with pixels (clusters of light emitting diodes) that illuminate on face of display; without Pan (pan is the metal bracket that holds the module securely in place in the sign).	1,396.06	54.31
34 41 16 00-0098 EA Pixel Strip (Daktronics 0P-1100-0016)..... Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.	469.11	54.31
34 41 16 00-0099 EA Pixel Strip (Daktronics 0P-1100-0029)..... Note: Pixel Strip is a smaller section of a module. Typically has three pixels (LED clusters) per strip.	551.51	54.31
34 41 16 00-0100 EA Power Supply (Daktronics A-1593)..... Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	1,653.55	54.31
34 41 16 00-0101 EA Power Supply (Daktronics A-1648)..... Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	1,653.55	54.31
34 41 16 00-0102 EA Power Supply (Daktronics A-2307)..... Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	623.60	54.31
34 41 16 00-0103 EA Surge Suppressor (Daktronics A-1129)..... Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	250.57	32.59
34 41 16 00-0104 EA Surge Suppressor (Daktronics A-1412)..... Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	528.66	32.59
34 41 16 00-0105 EA Surge Suppressor (Daktronics A-1772)..... Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	528.66	32.59
34 41 16 00-0106 EA Surge Suppressor (Daktronics A-2139)..... Note: Receives 120 Volt AC input and outputs appropriate Volt DC for modules.	786.14	32.59
34 41 16 00-0107 EA VCB, Vanguard Control Board (Daktronics 0P-1248-0022)..... Note: Receives high speed serial communication over fiber or CAT5 from VFC-3000 and reports sign status and peripheral diagnostics.	1,334.26	54.31
34 41 16 00-0108 EA VMS I/O, Variable Message Sign Input/Output (Daktronics 0P-1194-0001)..... Note: Input/Output board for sign peripherals.	1,808.04	54.31
34 41 16 00-0109 EA Power Supply Assembly (Daktronics A-1856R).....	1,190.07	54.31
34 41 16 00-0110 EA Power Supply Isolation Board (Daktronics 0P-1447-2000).....	778.09	54.31
34 41 16 00-0111 EA Ventilation/Circulation Fan (Daktronics B-1075).....	283.72	54.31
34 41 16 00-0112 EA VMS Controller (V2) (Daktronics 0A-1248-0028).....	9,704.01	217.26
34 41 16 00-0113 EA Photo/Temp Sensor (Daktronics 0P-1247-0015).....	664.80	54.31
34 41 16 00-0114 EA Defog Fan (Daktronics B-1053).....	105.81	27.16
34 41 16 00-0115 EA Defog Heater (Daktronics A-1792).....	136.71	27.16
34 41 16 00-0116 EA Display Card 1500, 15' Clear (Ver-Mac PB-AFF-06023A-03 PF).....	881.09	54.31
34 41 16 00-0117 EA Display Card 1500, 30' Amber (Ver-Mac PB-AFF-06023-01 PF).....	881.09	54.31
34 41 16 00-0118 EA 1-Port Decoder With H.264 And High-Definition Technology (Verint S1801E-R).....	1,152.25	54.41
34 41 16 00-0119 EA 1-Port Video Encoder Featuring H.264 Technology With One Bi-directional Audio Channel And 12V DC Universal Power Supply (Verint S1801E).....	1,152.25	54.41
34 41 16 00-0120 EA 16-Port Video Encoder Featuring H.264 Technology (Verint S1816E).....	6,290.37	54.41
34 41 16 00-0121 EA Encoder H.264 Compact, Hiperfmc (Verint S1802E).....	1,492.44	54.41
34 41 16 00-0122 EA 110 Volt AC To 12 Volt DC At 45 Watt, Transformer (Verint PS1261).....	198.65	27.16
34 41 16 00-0123 EA 1-Channel Encoder, H.264 Dual-Streaming, SD Card Slot (Bosch VIP-X1XF-E).....	705.15	54.41
34 41 16 00-0124 EA Single/Quad-Stream Decoder (Bosch VIP-XD).....	1,860.68	54.41
34 41 16 00-0125 EA 1-Output, Outdoor-Rated CCTV Power Supply Unit, 24/26/28 Volt AC (Pelco WCS1-4).....	281.60	54.31
34 41 16 00-0126 EA 4-Outputs, Outdoor-Rated CCTV Power Supply With Circuit Breaker, 24/28 Volt AC (Pelco WCS4-20B).....	634.57	54.31
34 41 16 00-0127 EA 12.5KVA, 12 Volt, 75Ah, UPS Battery (UPG UB12750).....	282.07	13.61
34 41 16 00-0128 EA Managed Ethernet Switch with 4 10/100TX Ports + 4 100FX Fiber Ports (EtherWAN EX71440-B0B).....	3,586.73	108.63
34 41 16 00-0129 EA Power Supply, Hardened, External 100-240 Volt AC Input; TS2 rated; 12 Volt DC Output Power (EtherWAN 41-136046-1).....	217.63	27.16
34 41 16 00-0130 EA 4kVA / 3.6kW Split-Phase Power Module (Eaton 9PXMSPPM).....	3,267.01	54.31
34 41 16 00-0131 EA 208-240 Volt, 4-20kVA Rack/Tower UPS (Eaton 9PXM).....	7,601.84	268.85
34 41 16 00-0132 EA 30 Amperes, 600 Volt, 3-Pole, Fusible, NEMA 3R Rainproof, Safety Switch (Square D H361RB).....	1,002.29	141.22
34 41 16 00-0133 EA 30 Amperes, 600 Volt, LKS Fuse (Eaton Bussmann LKS-30).....	23.13	8.69
34 41 16 00-0134 EA 60 Amperes, 600 Volt, 3-Pole, Fusible, Heavy Duty, Safety Switch (Square D H362DS).....	2,647.28	108.63
34 41 16 00-0135 EA 60 Amperes, 600 Volt, Dual Element, Time-Delay Fuse (Eaton Bussmann FRS-R-60).....	54.40	8.69
34 41 16 00-0136 EA 50 Mbps, MIMO 2x2, 15 dBi Integrated Antenna (Proxim Wireless TSUNAMI QB-820).....	2,366.89	61.76
34 41 16 00-0137 EA Singlemode Loaded Fiber Adapter Panel, 6 Simplex SC/UPC Adapters (Multi-Link 10-4810).....	120.02	41.28
34 41 16 00-0138 EA 12" x 6" x 5-1/2", 2 Panel, 2 Splice Dual Security Door, Compact Wall Mount Fiber Distribution Unit (MultiLink 10-4469).....	360.82	54.31
34 41 16 00-0139 EA Single AC Inlet, 8 Nema 5-15 Outlets, Built-in AC Current Drawing Sensing Module (Synaccess NP-0801DT).....	665.69	14.15
34 41 16 00-0140 EA Aggregated TRMS AC Current Sensing, One Readout For All Outlets (Synaccess NP-0801DT(H)).....	717.73	14.15
34 41 16 00-0141 EA 550 Watt, 120 Volt AC, Fan Heater With Adjustable Thermostat, 32-140 Degree Fahrenheit (Stego CR-027).....	377.10	21.72
34 41 16 00-0142 EA 10/100M Switch, 4 x 1G Combo, LAN Base (Cisco IE-4000-4TC4G-E).....	4,562.01	130.35
34 41 16 00-0143 EA 12 Port, 2 Panel, Wall Mount, Compact Fiber Distribution Unit (MultiLink FWM012XLC).....	164.25	24.98
34 41 16 00-0144 EA 6-Fiber, Singlemode, SC Simplex, Fiber Optic Cable Connector Panel (MultiLink MSC-06-SM-C-BLK).....	42.06	5.43
34 41 16 00-0145 EA 170 Watt AC To DC, Industrial Ethernet Family Power Supply (Cisco PWR-IE170W-PC-AC).....	1,440.51	54.31
34 41 16 00-0146 EA 12 Port, Industrial Ethernet Layer 3 Switch Installed In Transportation Control Equipment (Cisco IE-4000-4GC4GP4G-E).....	4,962.27	108.63
34 41 16 00-0147 EA 2 KVA, 1,800 Watt, 120 Volt AC Output, 120 Volt AC Input, Single Phase, On-Line Uninterruptible Power Supply (UPS) (Xtreme Power P90-3000).....	3,317.21	179.24
34 41 16 00-0148 EA 100 Amperes, 16 Circuit, Main Lug Load Center Panelboard, 8-1 AWG, 120/240 Volt, Single Phase (Square D QO816L100DS).....	710.00	310.68

34 Transportation**34 40 Transportation Signaling and Control Equipment****34 41 Roadway Signaling and Control Equipment**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 41 16 00-0149 EA 70 Amperes, 4 Circuit, Main Lug Load Center Panelboard, 3 Wire, 120/240 Volt, Single Phase (Square D QO24L70S).....	494.54	217.26
34 41 16 00-0150 EA 60 Amperes, 120/240 Volt, 2 Pole Common Trip Miniature Circuit Breaker, Plug On Mounting (Square D QO260).....	105.19	29.33
34 41 16 00-0151 EA 15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QOT1515).....	80.46	19.55
34 41 16 00-0152 EA 15 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120).....	61.84	19.55
34 41 16 00-0153 EA 20 Amperes, 120/240 Volt, 1 Pole Thermal Magnetic Miniature Circuit Breaker, Plug On Mounting (Square D QO120).....	61.84	19.55
34 41 16 00-0154 EA One Output Outdoor-rated CCTV Power Supply Unit, 24/26/28 Volt AC At 4 Amperes Total Supply Current, Fuse Protected Output, UL Listed (Pelco WCS1-4).....	281.60	54.31
34 41 16 00-0155 EA DIN Rail Mount, Switching Power Supply (TKH Security PSR12DC).....	309.40	27.21
34 41 16 00-0156 EA H.264 Multi-codec Video Encoder With Audio, Data And CC's (TKH Security C-60-E-MC).....	2,938.17	27.21
34 41 16 00-0157 EA Expansion Power Module For IE-3000-4TC And IE-3000-8TC (Cisco PWR-IE50W-AC-IEC).....	572.48	14.15
34 41 16 00-0158 EA Traffic Monitoring System (BlueToad Spectra Cellular/Solar Version).....	11,819.21	185.28
34 41 16 00-0159 EA Ubiquiti Rocket M9 Wireless Access Point (ROCKETM9).....	437.66	61.76

34 41 33 In Roadway Warning Lights (34 41)**34 41 33 00-0001 In-Road Warning Light (IRWL) Pedestrian Safety System (34 41 33)**

34 41 33 00-0002 EA SC320 Controller: NEMA 3R Aluminum Pole Mount Cabinet (Spot Devices, Inc. #SC320036).....	7,296.12	153.82
34 41 33 00-0003 EA Spread Spectrum Local Wireless Activation (Spot Devices, Inc. #SC320026).....	564.08	12.41
34 41 33 00-0004 EA SC320AA: Passive Activation Bollard Pair, AC SC320 Controller (Spot Devices, Inc. #BA300000-D).....	15,502.47	322.52
34 41 33 00-0005 EA Whitney RS320 Road Spot: Amber Bidirectional (Spot Devices, Inc. #RS320701-D).....	3,615.58	74.43
34 41 33 00-0006 EA Polara Bulldog Pushbutton With LED And tone, R62E Sign With RIG (Spot Devices, Inc. #PB101131).....	630.11	12.41
34 41 33 00-0007 EA LED Enhanced Sign - 30" W11-2 Crosswalk Sign (Spot Devices, Inc. SL201011).....	2,974.47	62.03
34 41 33 00-0008 EA SB435: RRFB, Gen2, Large, With Single Pedestrian Signal (Spot Devices, Inc. SB110015).....	1,824.30	37.22
Note: Excludes controller.		
34 41 33 00-0009 EA Sign, W11-2 Crosswalk, 30", FYG With Mount (Spot Devices, Inc. #SG101102).....	334.04	7.44
34 41 33 00-0010 EA Sign, W16-7p Left Down Arrow, 12", FYG With Mount (Spot Devices, Inc. #SG101103).....	115.02	2.48
34 41 33 00-0011 EA RS300: Interconnect 16/4 Dual Plug Cable, 7 ft (Spot Devices, Inc. #RS301624).....	126.02	2.48
34 41 33 00-0012 EA RSV3 Installation Kit (Spot Devices, Inc. #RS308977).....	172.52	3.72
34 41 33 00-0013 EA RS300: Female-to-Female Interconnect 16/4 Dual Plug Cable, 25' (Spot Devices, Inc. #RS301644).....	298.55	6.20
34 41 33 00-0014 EA RS300: Interconnect 16/4 Dual Plug Cable, 7' Length (Spot Devices, Inc. #RS301624).....	126.02	2.48
34 41 33 00-0015 EA RS300: Lead-in Cable, 12/4 Single Plug, 75' Length (Spot Devices, Inc. #RS301651).....	438.06	9.93
34 41 33 00-0016 EA RS300: Lead-in Cable, 12/4 Single Plug, 50' Length (Spot Devices, Inc. #RS301650).....	367.06	7.44
34 41 33 00-0017 EA Plug, Dummy Female (Spot Devices, Inc. #RS301603).....	34.50	0.74
34 41 33 00-0018 EA Liquid Conduit Polymeric Asphalt Formula (Spot Devices, Inc. #RS308931).....	190.63	
34 41 33 00-0019 LF Cable, Peripheral, 18/2 SO Burial, Unterminated (Spot Devices, Inc. #SC202602).....	2.30	
34 41 33 00-0020 LF DC Interconnect Wire. 12/2 SO Burial, Unterminated (Spot Devices, Inc. #SC202603).....	2.87	

34 70 Transportation Construction and Equipment (34)**34 71 Roadway Construction (34 70)****34 71 13 Vehicle Barriers (34 71)****34 71 13 13 Vehicle Median Barriers (34 71 13)****34 71 13 13-0001 Concrete Median Barrier (34 71 13 13)**

34 71 13 13-0002 LF Median Barrier, Precast, 42" High Single Face.....	59.87	4.01
34 71 13 13-0003 LF Median Barrier, Precast, 32" High, 2' Wide Base, Double Face.....	105.93	4.01
34 71 13 13-0004 LF Median Barrier, Precast, 42" High, 2' Wide Base, Double Face.....	153.73	4.01
34 71 13 13-0005 LF Median Barrier, Cast In Place With Steel Forms.....	44.25	6.23
34 71 13 13-0006 LF Median Barrier, Slipformed Concrete.....	35.40	3.25

34 71 13 16 Vehicle Crash Barriers (34 71 13)**34 71 13 16-0001 Impact Barrier, Non-Redirective (34 71 13 16)****34 71 13 16-0002 Sand Barrel Impact Attenuator (34 71 13 16-0001)**

34 71 13 16-0003 EA 200, 400 Or 700 LB Sand Barrel.....	579.19	47.33
Note: Includes containers, inserts, and lid. Excludes sand.		
Note: Includes containers, inserts, and lid.		

34 71 13 19 Vehicle Traffic Barriers (34 71 13)**34 71 13 19-0001 Vehicle Bollard System (34 71 13 19)**

34 71 13 19-0002 EA Vehicle/Bollard System, Automatic, 4 Post, 10' L, Model #RSS 2000, Set In Place Only, Excludes Excavation, Concrete And Asphalt Patch.....	107,601.00	
For Wireless Remote Control, Add	1,192.00	
For Safety Horn And Strobe, Add	3,643.00	
For Tire Shredder, Add	2,308.00	
For Bollard Edge Heat Tape, Add	600.00	
For Safety Edge Recoil Strip, Add	245.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 19-0003 EA Vehicle/Bollard System, Automatic, 4 Post, 12' L, Model #RSS 2012, Set In Place Only, Excludes Excavation, Concrete And Asphalt Patch	119,483.29	
<i>For Wireless Remote Control, Add</i>	1,192.00	
<i>For Safety Horn And Strobe, Add</i>	3,643.00	
<i>For Tire Shredder, Add</i>	2,308.00	
<i>For Bollard Edge Heat Tape, Add</i>	600.00	
<i>For Safety Edge Recoil Strip, Add</i>	245.00	
34 71 13 19-0004 Vehicle Barricade Components (Delta Scientific Basic System or equal) ^{(34 71}		
^{13 19)} Note: Excludes foundation excavation and concrete		
34 71 13 19-0005 EA Hydraulic Operation Barrier Gate (Delta Scientific BB10M)	22,250.90	
34 71 13 19-0006 EA High Security Cable Crash Beam Barrier (Delta Scientific BB10MS)	53,785.77	
34 71 13 19-0007 EA Quick Deployment Crash Barrier (Delta Scientific DSC1100)	115,915.19	
34 71 13 19-0008 EA Shallow Mount Barricade System (Delta Scientific DSC501)	114,538.73	
34 71 13 19-0009 EA Hydraulic Bollard System (Delta Scientific DSC701 H)	51,789.19	
34 71 13 19-0010 EA Decorative Fixed Post Bollard (Delta Scientific DSC701FP)	8,046.81	
34 71 13 19-0011 EA Pneumatic Bollard System (Delta Scientific DSC701PB)	51,793.89	
34 71 13 19-0012 EA Hydraulic Bollard System (Delta Scientific DSC720 H)	53,626.79	
34 71 13 19-0013 EA Decorative Fixed Post Bollard (Delta Scientific DSC720FP)	9,160.74	
34 71 13 19-0014 EA Pneumatic Bollard System (Delta Scientific DSC720PB)	53,626.79	
34 71 13 19-0015 EA Decorative Hydraulic Bollard System (Delta Scientific DSC800 H)	41,147.39	
34 71 13 19-0016 EA Manual Decorative Bollard (Delta Scientific DSC800 M)	15,647.61	
34 71 13 19-0017 EA Decorative Fixed Post Bollard (Delta Scientific DSC800FP)	5,576.67	
34 71 13 19-0018 EA Decorative Pneumatic Bollard System (Delta Scientific DSC800PB)	41,161.51	
34 71 13 19-0019 EA Portable Surface Mounted Barrier System (Delta Scientific DSC900)	102,178.59	
34 71 13 19-0020 EA Quick Deployment Crash Barrier, Hydraulic (Delta Scientific IP500 H)	90,918.03	
34 71 13 19-0021 EA Quick Deployment Crash Barrier, Manual (Delta Scientific IP500 M)	66,469.94	
34 71 13 19-0022 EA Cantilever Gate (Delta Scientific SC3000)	64,471.92	
34 71 13 19-0023 EA Hydraulic Cantilever Gate (Delta Scientific SC3000 H)	55,009.61	
34 71 13 19-0024 EA Manual Crash Rated Swing Gate (Delta Scientific SGC1000)	60,292.62	
34 71 13 19-0025 EA Surface Barricade System (Delta Scientific TT107S/FM)	105,083.01	
34 71 13 19-0026 EA Hydraulic Bollard System (Delta Scientific TT203 H)	38,098.24	
34 71 13 19-0027 EA Counter Balanced Manual Bollard (Delta Scientific TT203 M)	11,220.45	
34 71 13 19-0028 EA Pneumatic Bollard System (Delta Scientific TT203PB)	38,098.24	
34 71 13 19-0029 EA Barricade System (Delta Scientific TT205)	82,360.22	
34 71 13 19-0030 EA Barricade System (Delta Scientific TT207)	101,899.76	
34 71 13 19-0031 EA Barricade System (Delta Scientific TT207S/FM)	114,538.73	
34 71 13 19-0032 EA Hydraulic Bollard System (Delta Scientific TT210 H)	41,232.45	
34 71 13 19-0033 EA Manual Security Bollard System (Delta Scientific TT210 M)	13,632.74	
34 71 13 19-0034 EA Fixed Post Bollard System (Delta Scientific TT210FP)	6,029.60	
34 71 13 19-0035 EA Pneumatic Bollard System (Delta Scientific TT210PB)	41,232.45	
34 71 13 19-0036 EA Hydraulic Cable Beam Barrier (Delta Scientific TT212 H)	45,840.96	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0037 EA Manual Cable Beam Barrier (Delta Scientific TT212 M)	26,803.53	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0038 EA Enhanced Hydraulic Cable Beam Barrier (Delta Scientific TT212E H)	57,175.13	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0039 EA Enhanced Manual Cable Beam Barrier (Delta Scientific TT212E M)	38,134.65	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0040 EA Hydraulic Crash Beam Barrier (Delta Scientific TT212EC H)	71,900.57	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0041 EA Manual Crash Beam Barrier (Delta Scientific TT212EC M)	58,309.03	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0042 EA Cable Crash Beam Barrier (Manual Operation) (Delta Scientific TT218 M)	33,224.05	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0043 EA Cable Crash Beam Barrier (Manual Operation) (Delta Scientific TT218E M)	38,281.04	
<i>For Each Additional LF Of Beam >12', Add</i>	467.00	
34 71 13 19-0044 EA Hydraulic Heavy Duty Swing Gate (Delta Scientific TT255)	25,505.26	
34 71 13 19-0045 EA Linear Crash Rated Gate System (Delta Scientific TT280)	103,345.95	
34 71 13 19-0046 EA High Security Rolling Gate (Delta Scientific TT300)	62,148.66	
34 71 13 19-0047 EA Barricade System (Delta Scientific TW2015)	44,297.68	
34 71 13 19-0048 EA Barricade System (Delta Scientific TW4030)	73,307.00	
34 71 13 19-0049 EA Vehicle Loop Detector (Delta Scientific 3546-3NP, 3546-7NP, or 3546-8NP)	449.27	
34 71 13 19-0050 EA Vehicle Loop Detector, Dual Relay Version, Power Resumption Safety (Delta Scientific 3546-DCNP)	545.18	
34 71 13 19-0051 Vehicle Barricade Systems Options (Delta Scientific Basic System or equal) ^(34 71 13 19)		
34 71 13 19-0052 EA Master Control Panel With Reset And Override, Single Lane Control (Delta Scientific B1036TL)	4,131.78	
34 71 13 19-0053 EA Remote Control Slave Panel With Annunciator (Delta Scientific B1086TL)	3,858.03	
34 71 13 19-0054 EA Detector Harness, 11 Pin (Delta Scientific OC02-11)	62.02	
34 71 13 19-0055 EA Electromagnetic Lock (Delta Scientific B4020)	3,669.84	
34 71 13 19-0056 EA Flashing Lights, Set Of Three (Delta Scientific B4030)	1,208.31	
34 71 13 19-0057 EA Barricade Fully Up (Or Down) Auxiliary Limit Switch (Delta Scientific B2021 Or B2020)	466.21	
34 71 13 19-0058 EA Crash Switch, Activates Customers Alarm (Delta Scientific B4060)	703.60	
34 71 13 19-0059 EA Emergency Manual Operating System, Hand Pump (Delta Scientific B1325)	923.88	
34 71 13 19-0060 EA Three Phase Power Monitor (Delta Scientific B1255)	724.99	
34 71 13 19-0061 EA Power Unit Mounted Disconnect (Delta Scientific B1260)	1,298.13	
34 71 13 19-0062 EA Barrier System Heater (Delta Scientific B4010)	1,768.62	
34 71 13 19-0063 EA Oil Reservoir Heater, Omega Units, 60W (Delta Scientific B1192)	853.30	
34 71 13 19-0064 EA Battery Back-up, Controls Only (Delta Scientific B1155)	1,274.61	
34 71 13 19-0065 EA Card Reader (Delta Scientific MPL-22)	1,266.05	

34 Transportation**34 70 Transportation Construction and Equipment****34 71 Roadway Construction**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST
34 71 13 26 Vehicle Guide Rails (34 71 13)

34 71 13 26-0001	Mobilize Guide Rail Crew (34 71 13 26)		
34 71 13 26-0002	EA Mobilize Guide Rail Crew.....	1,206.22	
	Note: Excludes equipment mobilization.		
34 71 13 26-0003	Corrugated Beam Guide Rail (34 71 13 26)		
34 71 13 26-0004	Corrugated Beam Guide Railing (34 71 13 26-0003)		
34 71 13 26-0005	Corrugated Beam Guide Railing, Straight Sections (34 71 13 26-0004)		
	Note: Add additional length for back-up sections.		
34 71 13 26-0006	LF Corrugated Beam Guide Railing.....	18.74	2.15
34 71 13 26-0007	LF Corrugated Beam Guide Railing (Rustic).....	20.23	2.15
34 71 13 26-0008	Corrugated Beam Guide Railing, Shop Curved (34 71 13 26-0004)		
	Note: Add additional length for back-up sections.		
34 71 13 26-0009	LF Shop Curved Corrugated Beam Guide Railing.....	24.61	2.15
34 71 13 26-0010	LF Shop Curved Corrugated Beam Guide Railing (Rustic).....	26.68	2.15
34 71 13 26-0011	LF Shop Curved Corrugated Beam Guide Railing End.....	63.78	2.15
	Note: Treatment for mall barriers driveways, walkways, special end, etc.		
34 71 13 26-0012	LF Shop Curved Corrugated Beam Guide Railing (Rustic) End.....	69.63	2.15
	Note: Treatment for mall barriers shop curved corrugated beam guide railing end etc.		
34 71 13 26-0013	Corrugated Beam Guide Railing, Manufactured End Sections (34 71 13 26-0003)		
34 71 13 26-0014	EA Corrugated Beam Guide Railing End Section At Anchor Unit.....	139.05	28.43
34 71 13 26-0015	EA Corrugated Beam Guide Railing End Section (Rustic) At Anchor Unit.....	147.05	28.43
34 71 13 26-0016	EA Corrugated Beam Guide Railing Flared Or 180 Degree End Section.....	187.04	28.43
34 71 13 26-0017	EA Corrugated Beam Guide Railing Flared Or 180 Degree End Section (Rustic).....	195.04	28.43
34 71 13 26-0018	EA Corrugated Beam Guide Railing 225 Degree End Section.....	187.04	28.43
34 71 13 26-0019	EA Corrugated Beam Guide Railing 225 Degree End Section (Rustic).....	195.04	28.43
34 71 13 26-0020	Corrugated Beam Guide Rail Posts (34 71 13 26-0003)		
	Note: Includes mounting hardware.		
34 71 13 26-0021	EA Standard Post For Corrugated Beam Guide Rail.....	148.34	15.27
	For Installation Without Soil Plate, Deduct.....	-5.00	
	For Installation In Rock, Add.....	4.07	
34 71 13 26-0022	EA Standard Post For (Rustic) Corrugated Beam Guide Rail.....	156.33	15.27
	For Installation Without Soil Plate, Deduct.....	-5.00	
	For Installation In Rock, Add.....	4.07	
34 71 13 26-0023	EA Extra Long Post For Corrugated Beam Guide Rail.....	164.33	15.27
	For Installation Without Soil Plate, Deduct.....	-5.00	
	For Installation In Rock, Add.....	4.07	
34 71 13 26-0024	EA Extra Long Post (Rustic) for Corrugated Beam Guide Rail.....	172.33	15.27
	For Installation Without Soil Plate, Deduct.....	-5.00	
	For Installation In Rock, Add.....	4.07	
34 71 13 26-0025	EA 6B8-1/2" or Mall Barrier Post for Corrugated Beam Guide Rail.....	148.34	15.27
	For Installation Without Soil Plate, Deduct.....	-5.00	
	For Installation In Rock, Add.....	4.07	
34 71 13 26-0026	EA Post Struts for Corrugated Beam Guide Rail Mall Barrier Post.....	212.32	15.27
	For Installation In Rock, Add.....	4.07	
34 71 13 26-0027	Heavy Post Blocked Out Corrugated Beam Guide Rail Posts (34 71 13 26-0003)		
	Note: Includes mounting hardware. Excludes triangular mounting brackets.		
34 71 13 26-0028	EA Standard Post For Heavy Post Blocked Out Corrugated Beam Guide.....	148.34	15.27
34 71 13 26-0029	EA Standard Rustic Post For Heavy Post Blocked Out Corrugated Beam Guide.....	156.33	15.27
34 71 13 26-0030	EA Extra Long Post for Heavy Post Blocked Out Corrugated Beam Guide.....	164.33	15.27
34 71 13 26-0031	EA Extra Long Post (Rustic) For heavy post blocked out corrugated beam guide rail.....	172.33	15.27
	Note: For heavy post blocked out corrugated beam guide (rustic)		
34 71 13 26-0032	EA Type A Post 1630mm Post.....	144.34	15.27
	Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0033	EA Type A Post 1630mm Post (Rustic).....	152.34	15.27
	Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0034	EA Type B Post 1460mm.....	136.34	15.27
	Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0035	EA Type B Post 1460mm (Rustic).....	144.34	15.27
	Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0036	EA Type C Post 1290mm.....	128.34	15.27
	Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0037	EA Type C Post 1290mm (Rustic).....	136.34	15.27
	Note: For heavy post blocked out corrugated beam guide rail		
34 71 13 26-0038	EA Breakaway Wood Or Steel Post In Steel Foundation Tube.....	549.51	15.27
34 71 13 26-0039	EA Wood, Metal, Plastic Or Composite Offset Block Or Beam.....	60.36	15.27
	Note: For heavy post blocked out corrugated beam guide rail.		
34 71 13 26-0040	Corrugated Beam Guide Rail Accessories (34 71 13 26-0003)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0041 EA Triangular Mounting Brackets (Galvanized Or Rustic) For All Post Types A, B And C.....	123.06	32.31
34 71 13 26-0042 Corrugated Beam Guide Rail Repair for Existing Guide Rail (34 71 13 26-0003) Note: Includes associated hardware.		
34 71 13 26-0043 LF Removal And Storage Of Corrugated Beam Guide Railing And Post.....	12.63	
34 71 13 26-0044 EA Install Stored Post For Corrugated Beam Guide Rail.....	43.08	
34 71 13 26-0045 LF Install Stored Corrugated Beam Guide Railing And Post.....	7.33	
34 71 13 26-0046 Corrugated Thrie Beam Guide Railing (34 71 13 26-0003)		
34 71 13 26-0047 Corrugated Thrie Beam Guide Railing. Straight Sections (34 71 13 26-0046) Note: Add additional length for back-up sections.		
34 71 13 26-0048 LF Corrugated Thrie Beam Guide Railing.....	44.45	2.71
34 71 13 26-0049 LF Corrugated Thrie Beam Guide Railing (Rustic).....	46.89	2.71
34 71 13 26-0050 Corrugated Thrie Beam Guide Railing. Shop Curved (34 71 13 26-0046) Note: Add additional length for back-up sections.		
34 71 13 26-0051 LF Shop Curved Corrugated Thrie Beam Guide Railing.....	54.20	2.71
34 71 13 26-0052 LF Shop Curved Corrugated Thrie Beam Guide Railing (Rustic).....	56.64	2.71
34 71 13 26-0053 Corrugated Thrie Beam Guide Rail Posts (34 71 13 26-0046) Note: Includes hardware for mounting.		
34 71 13 26-0054 EA Standard Post For Corrugated Thrie Beam Guide Rail..... <i>For Installation Without Soil Plate, Deduct</i> <i>For 32" Soil Plate, Add</i>	179.57 -5.00 7.00	2.71
34 71 13 26-0055 EA Standard Post (Rustic) For Corrugated Thrie Beam Guide Rail..... <i>For Installation Without Soil Plate, Deduct</i> <i>For 32" Soil Plate, Add</i>	187.57 -5.00 7.00	2.71
34 71 13 26-0056 Timber Guide Rails (34 71 13 26) Note: Includes drilling and fasteners. Excludes excavation, auguring and concrete.		
34 71 13 26-0057 Timber Guide Rail Posts (34 71 13 26-0056)		
34 71 13 26-0058 EA 6" x 8" Timber Guide Rail Post.....	110.57	10.77
34 71 13 26-0059 EA 6" x 9" Timber Guide Rail Post.....	126.69	10.77
34 71 13 26-0060 EA 10" x 10" Timber Guide Rail Post.....	252.94	10.77
34 71 13 26-0061 EA 10" x 12" Timber Guide Rail Post.....	268.00	10.77
34 71 13 26-0062 EA 12" x 12" Timber Guide Rail Post.....	310.92	10.77
34 71 13 26-0063 Timber Guide Rails (34 71 13 26-0056) Note: Excludes posts, spacer blocks and steel backup plates.		
34 71 13 26-0064 LF 4" x 9" Timber Guide Rail.....	13.74	1.30
34 71 13 26-0065 LF 6" x 10" Timber Guide Rail.....	19.54	1.30
34 71 13 26-0066 LF 6" x 12" Timber Guide Rail.....	22.94	1.30
34 71 13 26-0067 Spacer Blocks For Timber Guide Rails (34 71 13 26-0056)		
34 71 13 26-0068 EA 4" x 9" Spacer Block For Timber Guide Rails.....	17.88	1.72
34 71 13 26-0069 EA 6" x 8" Spacer Block For Timber Guide Rails.....	20.66	1.72
34 71 13 26-0070 EA 8" x 8" Spacer Block For Timber Guide Rails.....	24.21	1.72
34 71 13 26-0071 Weathering Steel Backup Plates For Timber Guide Rails (34 71 13 26-0056)		
34 71 13 26-0072 LF 6" High, Weathering Steel Backup Plate For Timber Guide Rails.....	25.38	1.08
34 71 13 26-0073 Weathering Steel Splice And Bearing Plates For Timber Guide Rails (34 71 13 26-0056)		
34 71 13 26-0074 EA Weathering Steel Splice Plate For Timber Guide Rails.....	173.68	15.07
34 71 13 26-0075 EA Weathering Steel Bearing Termination Plate For Timber Guide Rails.....	108.43	10.77
34 71 13 26-0076 Cable Guide Rail (34 71 13 26)		
34 71 13 26-0077 Cable Guide Rail (34 71 13 26-0076)		
34 71 13 26-0078 LF Cable (Each Cable)..... Note: Includes tensioning. Excludes splices.	9.92	2.33
34 71 13 26-0079 EA Cable Splice With Wedges.....	261.48	16.16
34 71 13 26-0080 Cable Guide Rail Posts (34 71 13 26-0076) Note: Includes hardware for cable mounting.		
34 71 13 26-0081 EA Standard Post for Cable Guide Rail..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	187.84 -5.00 13.57	50.91
34 71 13 26-0082 EA Standard Post (Rustic) for Cable Guide Rail..... <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	195.84 -5.00 13.57	50.91

34 Transportation**34 70 Transportation Construction and Equipment****34 71 Roadway Construction**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71	13 26-0083	EA	Extra Long Post for Cable Guide Rail <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	195.84 -5.00 13.57	50.91
34 71	13 26-0084	EA	Extra Long Post (Rustic) for Cable Guide Rail <i>For Installation Without Soil Plate, Deduct</i> <i>For Installation In Rock, Add</i>	203.83 -5.00 13.57	50.91
34 71	13 26-0085	EA	Slip Impact Post Top for Anchor Unit	123.12	20.37
34 71	13 26-0086	EA	Slip Impact Post Base and Keeper Plate Note: For anchor unit.	323.07	20.37
34 71 13 26-0087 Cable Guide Rail Accessories For Breakaway Anchor Angle Systems <small>(34 71 13 26-0076)</small>					
34 71	13 26-0088	EA	Turnbuckle Cable End Assembly For Use With Breakaway Anchors	559.70	215.82
34 71	13 26-0089	EA	Turnbuckle Cable End Assembly	174.35	10.79
34 71	13 26-0090	EA	Spring Cable End Assembly (Compensating Device) For Use With Breakaway Anchors	567.00	5.37
34 71	13 26-0091	EA	Spring Cable End Assembly (Compensating Device) Without Turnbuckle	583.00	5.37
34 71	13 26-0092	EA	Breakaway Anchor Angle.....	222.34	10.79
34 71	13 26-0093	EA	Standard End Post Cap Assembly.....	103.12	5.37
34 71	13 26-0094	EA	Driveway End Post Cap Assembly	87.13	5.37
34 71	13 26-0095	EA	End Post Ground Support Plates.....	47.14	5.37
34 71	13 26-0096	EA	11" Stud Bolt, Cable Guide Rail	41.14	5.37
34 71	13 26-0097	EA	18" Stud Bolt, Cable Guide Rail	49.14	5.37
34 71	13 26-0098	EA	25" Stud Bolt, Cable Guide Rail	57.14	5.37
34 71	13 26-0099	EA	1-1/4" Diameter Turnbuckle, Cable Guide Rail	494.26	10.79
34 71	13 26-0100	EA	1-1/2" Diameter Turnbuckle, Cable Guide Rail	526.26	10.79
34 71	13 26-0101	EA	5/8" Diameter Turnbuckle With 12" Take-up And Shackle Ends, Cable Guide Rail.....	350.30	10.79
34 71	13 26-0102	EA	5/8" Eye Bolt 18" Long, Cable Guide Rail	215.10	5.37
34 71	13 26-0103	EA	3/4" Eye Bolt 8'-6" Long, Cable Guide Rail	222.34	10.79
34 71	13 26-0104	EA	1-5/8" Anchor Rod 10' Long With Plate, Cable Guide Rail.....	237.48	16.16
34 71 13 26-0105 Cable Guide Rail Accessories For Slip Impact Post Systems <small>(34 71 13 26-0076)</small>					
34 71	13 26-0106	EA	Turnbuckle Cable End Assembly..... Note: For use with slip impact post.	398.57	17.00
34 71	13 26-0107	EA	Spring Cable End Assembly (Compensating Device)..... Note: For use with slip impact post.	782.47	17.00
34 71	13 26-0108	EA	Anchor Angle For Slip Impact Post System	230.62	17.00
34 71	13 26-0109	EA	Cable End Assembly Rod..... Note: Includes cable end, threaded rod and keeper to anchor angle.	190.63	17.00
34 71 13 26-0110 Cable Guide Rail Repair For Existing Guide Rail <small>(34 71 13 26-0076)</small>					
Note: Includes associated hardware.					
34 71	13 26-0111	LF	Retention Existing Cable (Each Cable).....	1.43	
34 71	13 26-0112	LF	Removal And Storage Of Cable Guide Railing	8.68	
34 71	13 26-0113	EA	Install Stored Post For Cable Guide Railing.....	67.87	
34 71	13 26-0114	LF	Install Stored Cable, (Each Cable)..... Note: Includes retensioning. Excludes splices.	3.84	
34 71 13 26-0115 6" x 6" Box Beam Guide Rail <small>(34 71 13 26)</small>					
34 71 13 26-0116 Box Beam Guide Rail, 6" x 6" <small>(34 71 13 26-0115)</small>					
34 71 13 26-0117 Straight Sections, Box Beam Guide Rail <small>(34 71 13 26-0116)</small>					
34 71	13 26-0118	LF	Box Beam Guide Railing 6" x 6" x 3/16" Galvanized..... Note: Excludes splices. <i>For Flush Mounting Directly To Structure, Add</i>	53.59 1.83	2.71
34 71	13 26-0119	LF	Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices. <i>For Flush Mounting Directly To Structure, Add</i>	60.91 1.83	2.71
34 71 13 26-0120 Shop Curved, Box Beam Guide Rail <small>(34 71 13 26-0116)</small>					
34 71	13 26-0121	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" Galvanized..... Note: Excludes splices. <i>For Shop Curved At <20' Radius, Add</i> <i>For Flush Mounting Directly To Structure, Add</i>	81.63 2.44 1.83	2.71
34 71	13 26-0122	LF	Shop Curved Box Beam Guide Railing 6" x 6" x 3/16" (Rustic) Note: Excludes splices. <i>For Shop Curved At <20' Radius, Add</i> <i>For Flush Mounting Directly To Structure, Add</i>	88.94 2.44 1.83	2.71
34 71 13 26-0123 Box Beam Guide Rail End Treatment Sections <small>(34 71 13 26-0115)</small>					
Note: Includes rail, end cover plate and hardware only. Excludes posts and splice.					
34 71	13 26-0124	EA	Box Beam End Piece Guide Railing Section..... Note: Galvanized excludes splices.	842.87	32.31
34 71	13 26-0125	EA	Box Beam End Piece Guide Railing Section (Rustic) Note: Excludes splices.	930.85	32.31
34 71	13 26-0126	EA	Box Beam Guide Railing End Treatment Section At Driveway, Galvanized	794.88	32.31
34 71	13 26-0127	EA	Box Beam Guide Railing End Treatment Section At Driveway, (Rustic)..... Note: Excludes splices.	826.87	32.31

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0128 Splices For Box Beam Guide Rail (34 71 13 26-0115)		
34 71 13 26-0129 EA Splice For Box Beam Guide Rail	215.90	47.96
34 71 13 26-0130 EA Splice For Box Beam Guide Rail (Rustic)	271.88	47.96
34 71 13 26-0131 Box Beam Guide Rail Posts (34 71 13 26-0115)		
Note: Includes hardware for box beam mounting.		
34 71 13 26-0132 EA Standard Post For Box Beam Guide Rail	195.84	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0133 EA Standard Post (Rustic) for Box Beam Guide Railing.....	203.83	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0134 EA Extra Long Post For Box Beam Guide Rail.....	211.83	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0135 EA Extra Long Post (Rustic) For Box Beam Guide Rail	219.83	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0136 EA Type I End Assembly Post.....	187.84	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0137 EA Type I End Assembly Post (Rustic)	195.84	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0138 EA Type II End Assembly Post.....	179.84	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0139 EA Type II End Assembly Post (Rustic)	187.84	50.91
<i>For Installation Without Soil Plate, Deduct</i>		
	-5.00	
<i>For Installation In Rock, Add</i>		
	13.57	
34 71 13 26-0140 Box Beam Guide Rail Accessories (34 71 13 26-0115)		
34 71 13 26-0141 EA Box Beam Guide Rail End Cover Plate	108.89	9.70
34 71 13 26-0142 EA Box Beam Guide Rail End Cover Plate (Rustic)	116.89	9.70
34 71 13 26-0143 Box Beam Guide Railing Repair, And Resetting (34 71 13 26-0115)		
Note: For existing guide rail.		
34 71 13 26-0144 LF Removal And Storage Of Box Beam Guide Rail And Post	4.26	
34 71 13 26-0145 LF Reset Box Beam Guide Rail	12.42	
34 71 13 26-0146 6" x 8" Box Beam Median Barrier (34 71 13 26)		
34 71 13 26-0147 Box Beam Median Barrier, 6" x 8" (34 71 13 26-0146)		
34 71 13 26-0148 Straight Sections, Box Beam Median Barrier (34 71 13 26-0147)		
34 71 13 26-0149 LF Box Beam Median Barrier Galvanized Excludes Splices.....	89.71	9.70
<i>For Flush Mounting Directly To Structure, Add</i>		
	1.83	
34 71 13 26-0150 LF Box Beam Median Barrier (Rustic) Excludes Splices	97.02	9.70
<i>For Flush Mounting Directly To Structure, Add</i>		
	1.83	
34 71 13 26-0151 Shop Curved, Box Beam Median Barrier (34 71 13 26-0147)		
34 71 13 26-0152 LF Shop Curved Box Beam Median Barrier Galvanized	108.93	9.70
Note: Excludes splices.		
<i>For Shop Curved At <20' Radius, Add</i>		
	2.44	
<i>For Flush Mounting Directly To Structure, Add</i>		
	1.83	
34 71 13 26-0153 LF Shop Curved Box Beam Median Barrier Rustic.....	132.93	9.70
Note: Excludes splices.		
<i>For Shop Curved At <20' Radius, Add</i>		
	2.44	
<i>For Flush Mounting Directly To Structure, Add</i>		
	1.83	
34 71 13 26-0154 Box Beam Median Barrier End Treatment Sections (34 71 13 26-0146)		
Note: Includes rail, end cover plate and hardware. Excludes posts.		
34 71 13 26-0155 EA Box Beam Median Barrier Type A End Treatment Section, Galvanized.....	2,754.37	32.31
Note: Excludes splices and post.		
34 71 13 26-0156 EA Box Beam Median Barrier Type A End Treatment Section (Rustic).....	2,818.35	32.31
Note: Excludes splices and post.		
34 71 13 26-0157 EA Box Beam Median Barrier Type B End Treatment Section, Galvanized	2,754.37	32.31
Note: Excludes splices and post.		
34 71 13 26-0158 EA Box Beam Median Barrier Type B End Treatment Section (Rustic).....	2,818.35	32.31
Note: Excludes splices and post.		
34 71 13 26-0159 Splices For Box Beam Median Barrier (34 71 13 26-0146)		
34 71 13 26-0160 EA Splice for Box Beam Median Barrier	210.41	25.85
34 71 13 26-0161 EA Splice for Box Beam Median Barrier (Rustic)	330.38	25.85

34 Transportation**34 70 Transportation Construction and Equipment****34 71 Roadway Construction**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0162			Box Beam Median Barrier Posts Driven With Soil Plate <small>(34 71 13 26-0146)</small>		
			Note: Includes all associated hardware.		
34 71 13 26-0163	EA		Standard Post for Box Beam Median Barrier	195.84	50.91
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0164	EA		Standard Post (Rustic) for Box Beam Median Barrier	203.83	50.91
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0165	EA		Extra Long Post for Box Beam Median Barrier	211.83	50.91
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0166	EA		Extra Long Post (Rustic) for Box Beam Median Barrier	219.83	50.91
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0167	EA		Type B End Treatment or Rub Back Anchor Post for Box Beam	179.84	50.91
			Note: For median barrier.		
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0168	EA		Type B End Treatment or Rub Back Anchor Post (Rustic)	179.84	50.91
			Note: For box beam median barrier.		
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0169	EA		Type I End Assembly Post for Box Beam Median Barrier to Concrete	211.83	50.91
			Note: For median barrier transition.		
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0170	EA		Type I End Assembly Post (Rustic) for Box Beam Median Barrier	219.83	50.91
			Note: For Concrete median barrier transition.		
			<i>For Installation Without Soil Plate, Deduct</i>	-5.00	
			<i>For Installation In Rock, Add</i>	13.57	
34 71 13 26-0171			Box Beam Median Barrier Accessories <small>(34 71 13 26-0146)</small>		
34 71 13 26-0172	EA		Box Beam Median Barrier End Cover Plate	134.43	22.75
34 71 13 26-0173	EA		Box Beam Median Barrier End Cover Plate (Rustic).....	142.43	22.75
34 71 13 26-0174			Box Beam Median Barrier Repair, And Resetting <small>(34 71 13 26-0146)</small>		
			Note: For existing guide rail.		
34 71 13 26-0175	LF		Removal And Storage Of Box Beam Median Barrier and Posts	4.40	
34 71 13 26-0176	LF		Reset Box Beam Median Barrier	13.01	
34 71 13 26-0177			Universal Guide Rail Items <small>(34 71 13 26)</small>		
34 71 13 26-0178			Guide Rail Concrete Anchor Units For All Types Of Guide Rail <small>(34 71 13 26-0177)</small>		
			Note: For cast in place or precast. Includes excavation, formwork, concrete, reinforcement, anchor rods and/or imbedded plate. Excludes anchor angle. For anchor angles and other terminal connections, use accessories section for respective guide rail type.		
34 71 13 26-0179	CY		Guide Rail Concrete Anchor Unit.....	760.72	
			<i>For Each Additional Set Of Anchor Rods, Add</i>	38.00	
34 71 13 26-0180	EA		Reset Existing Anchorage Unit for All Types of Guide Rail.....	494.07	
			Note: Includes excavation and backfill.		
34 71 13 26-0181	EA		Removal Of Guide Rail Concrete Anchor Unit.....	564.96	
34 71 13 26-0182			Guide Rail Repair For All Types Of Existing Guide Rail <small>(34 71 13 26-0177)</small>		
			Note: Includes associated hardware.		
34 71 13 26-0183	EA		Straighten And Reset Driven Post For Guide Rail	67.87	
34 71 13 26-0184	EA		Straighten And Reset Post Mounted On Concrete For Guide Rail	79.39	
			Note: With base plate for guide rail. Includes new anchor bolts.		
34 71 13 26-0185			Additional Wood and Steel Posts <small>(34 71 13 26-0177)</small>		
34 71 13 26-0186	LF		4" x 6" Wood Post.....	60.66	17.00
			<i>For Installation In Rock, Add</i>	4.53	
34 71 13 26-0187	LF		6" x 8" Wood Post.....	72.65	17.00
			<i>For Installation In Rock, Add</i>	4.53	
34 71 13 26-0188	LF		6" x 7/8" Galvanized Steel Post	45.33	17.00
			<i>For Installation In Rock, Add</i>	4.53	
34 71 13 26-0189	EA		Base Plate With Anchor Bolts For Mounting Post On Concrete.....	423.75	17.00
34 71 13 26-0190			Accessories For All Types of Guide Rail <small>(34 71 13 26-0177)</small>		
34 71 13 26-0191	EA		Reflector For Guard Rail.....	51.61	
34 71 13 26-0192			Guide Rail Transitions <small>(34 71 13 26)</small>		
34 71 13 26-0193			Transition Box Beam Guide Rail To Corrugated Beam <small>(34 71 13 26-0192)</small>		
34 71 13 26-0194	EA		Box Beam To Corrugated Beam Rail Bolted Section.....	767.64	
34 71 13 26-0195	EA		Box Beam To Corrugated Beam Rail Bolted Plate	447.73	
			Note: For making cable connections.		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
34 71 13 26-0196 Transition Box Beam Median Barrier To Corrugated Beam Median <small>(34 71 13 26-0192)</small>		
34 71 13 26-0197 EA Box Beam Median Barrier To Corrugated Beam Bolted Section	783.64	
34 71 13 26-0198 EA Box Beam Median Barrier To Corrugated Beam Harness Plate	447.73	
Note: For making cable connections.		
34 71 13 26-0199 Transition Box Beam Guide Rail To Cable Guide Rail <small>(34 71 13 26-0192)</small>		
34 71 13 26-0200 EA Box Beam to Cable Guide Rail U-bolt And Plate	108.76	17.23
34 71 13 26-0201 Transition Box Beam Median Barrier To Concrete Median Barrier <small>(34 71 13 26-0192)</small>		
34 71 13 26-0202 EA Box Beam Median Barrier To Concrete Barrier End Connection	1,087.56	
34 71 13 26-0203 Transition Thrie Beam To Concrete Median Barrier <small>(34 71 13 26-0192)</small>		
34 71 13 26-0204 EA Thrie Beam Terminal Connector At Concrete Median Barrier	687.67	
34 71 13 26-0205 EA Thrie Beam Transition Section To Corrugated Beam Guide Rail	887.61	
34 71 13 26-0206 Resilient Guard Fence And Light Shield <small>(34 71 13 26)</small>		
34 71 13 26-0207 LF Resilient Guard Fence And Light Shield, Up To 6' High	89.41	6.59
34 71 13 26-0208 Individual Concrete Guard Rail Posts <small>(34 71 13 26)</small>		
34 71 13 26-0209 EA 6'-5" Concrete Guard Rail Posts, Round	78.86	6.59
34 71 13 26-0210 EA 6'-5" Concrete Posts, Square	88.24	7.41
34 71 13 26-0211 EA 6'-5" Concrete Posts, Triangular	85.97	7.41
34 71 16 Impact Attenuating Devices <small>(34 71)</small>		
34 71 16 00-0001 Guard Rail Energy Absorbing Terminals <small>(34 71 16)</small>		
Note: Crushable foam cartridges surrounded by steel guardrail for narrow hazards. QuadGuard System as manufactured by Energy Absorption Systems, Inc.		
34 71 16 00-0002 24" Wide Guard Rail Energy Absorbing Terminals <small>(34 71 16 00-0001)</small>		
34 71 16 00-0003 EA 24" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	35,086.80	3,354.11
34 71 16 00-0004 EA 24" Wide, 5 Cartridge, Bays Energy Absorbing Crash Attenuator	48,800.53	4,472.14
34 71 16 00-0005 EA 24" Wide, 7 Cartridge, Bays Energy Absorbing Crash Attenuator	66,691.29	5,869.68
34 71 16 00-0006 EA 24" Wide, 9 Cartridge, Bays Energy Absorbing Crash Attenuator	73,842.74	7,267.23
34 71 16 00-0007 30" Wide Guard Rail Energy Absorbing Terminals <small>(34 71 16 00-0001)</small>		
34 71 16 00-0008 EA 30" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	37,719.57	3,773.37
34 71 16 00-0009 EA 30" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	52,630.20	5,031.16
34 71 16 00-0010 EA 30" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	72,307.95	6,708.21
34 71 16 00-0011 EA 30" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	82,647.24	8,105.76
34 71 16 00-0012 36" Wide Guard Rail Energy Absorbing Terminals <small>(34 71 16 00-0001)</small>		
34 71 16 00-0013 EA 36" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	40,384.51	4,192.64
34 71 16 00-0014 EA 36" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	56,491.34	5,590.18
34 71 16 00-0015 EA 36" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	77,335.01	7,406.98
34 71 16 00-0016 EA 36" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	91,418.66	8,944.29
34 71 16 00-0017 69" Wide Guard Rail Energy Absorbing Terminals <small>(34 71 16 00-0001)</small>		
34 71 16 00-0018 EA 69" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	43,703.30	4,611.89
34 71 16 00-0019 EA 69" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	60,607.38	6,149.20
34 71 16 00-0020 EA 69" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	83,380.20	8,105.76
34 71 16 00-0021 EA 69" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	98,085.58	9,782.82
34 71 16 00-0022 90" Wide Guard Rail Energy Absorbing Terminals <small>(34 71 16 00-0001)</small>		
34 71 16 00-0023 EA 90" Wide, 3 Cartridge Bays, Energy Absorbing Crash Attenuator	47,117.04	5,031.16
34 71 16 00-0024 EA 90" Wide, 5 Cartridge Bays, Energy Absorbing Crash Attenuator	64,834.90	6,708.21
34 71 16 00-0025 EA 90" Wide, 7 Cartridge Bays, Energy Absorbing Crash Attenuator	90,207.67	8,944.29
34 71 16 00-0026 EA 90" Wide, 9 Cartridge Bays, Energy Absorbing Crash Attenuator	104,947.90	10,621.33
34 71 19 Vehicle Delineators <small>(34 71)</small>		
34 71 19 16 Flexible Vehicle Delineators <small>(34 71 19)</small>		
34 71 19 16-0001 EA 2' High, 3" Diameter Flexible Fixed Stanchion Delineator	90.62	8.23
34 71 19 16-0002 EA 3' High, 3" Diameter Flexible Fixed Stanchion Delineator	91.95	8.23
34 71 19 16-0003 EA 3-1/2' High, 3" Diameter Flexible Fixed Stanchion Delineator	93.27	8.23
34 71 19 16-0004 EA 4' High, 3" Diameter Flexible Fixed Stanchion Delineator	94.59	8.23

34	34	Transportation
	34 70	Transportation Construction and Equipment
	34 71	Roadway Construction



MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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END OF SECTION 34

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 Process Interconnections

40 05 Common Work Results For Process Interconnections ⁽⁴⁰⁾

40 05 19 Ductile Iron Process Pipe ^(40 05)

40 05 19 00-0001	Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Piping ^(40 05 19) Note: C110 Fittings, 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be cement lined in accordance with ANSI/AWWA C104/A21.04. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4062 for bolts, 40 05 19 00-4077 for gaskets.	
40 05 19 00-0002	Flanged End (FxF), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-0001)	
40 05 19 00-0003	4" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-0002)	
40 05 19 00-0004	EA 4" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 836.95 <i>For Class 52 Rating, Deduct</i> -56.52 <i>For Class 54 Rating, Add</i> 80.96 <i>For Class 55 Rating, Add</i> 122.34 <i>For Class 56 Rating, Add</i> 163.22	213.24
40 05 19 00-0005	EA 4" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 897.58 <i>For Class 52 Rating, Deduct</i> -62.57 <i>For Class 54 Rating, Add</i> 89.27 <i>For Class 55 Rating, Add</i> 134.74 <i>For Class 56 Rating, Add</i> 179.64	216.97
40 05 19 00-0006	EA 4" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 958.21 <i>For Class 52 Rating, Deduct</i> -68.62 <i>For Class 54 Rating, Add</i> 97.59 <i>For Class 55 Rating, Add</i> 147.14 <i>For Class 56 Rating, Add</i> 196.06	220.70
40 05 19 00-0007	EA 4" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,018.83 <i>For Class 52 Rating, Deduct</i> -74.67 <i>For Class 54 Rating, Add</i> 105.90 <i>For Class 55 Rating, Add</i> 159.53 <i>For Class 56 Rating, Add</i> 212.49	224.42
40 05 19 00-0008	EA 4" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,079.46 <i>For Class 52 Rating, Deduct</i> -80.72 <i>For Class 54 Rating, Add</i> 114.22 <i>For Class 55 Rating, Add</i> 171.93 <i>For Class 56 Rating, Add</i> 228.91	228.15
40 05 19 00-0009	EA 4" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,140.09 <i>For Class 52 Rating, Deduct</i> -86.76 <i>For Class 54 Rating, Add</i> 122.53 <i>For Class 55 Rating, Add</i> 184.33 <i>For Class 56 Rating, Add</i> 245.33	231.88
40 05 19 00-0010	EA 4" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,200.72 <i>For Class 52 Rating, Deduct</i> -92.81 <i>For Class 54 Rating, Add</i> 130.84 <i>For Class 55 Rating, Add</i> 196.72 <i>For Class 56 Rating, Add</i> 261.75	235.61
40 05 19 00-0011	EA 4" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,261.35 <i>For Class 52 Rating, Deduct</i> -98.86 <i>For Class 54 Rating, Add</i> 139.16 <i>For Class 55 Rating, Add</i> 209.12 <i>For Class 56 Rating, Add</i> 278.18	239.34
40 05 19 00-0012	EA 4" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,321.98 <i>For Class 52 Rating, Deduct</i> -104.91 <i>For Class 54 Rating, Add</i> 147.47 <i>For Class 55 Rating, Add</i> 221.51 <i>For Class 56 Rating, Add</i> 294.60	243.06
40 05 19 00-0013	EA 4" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,382.60 <i>For Class 52 Rating, Deduct</i> -110.95 <i>For Class 54 Rating, Add</i> 155.79 <i>For Class 55 Rating, Add</i> 233.91 <i>For Class 56 Rating, Add</i> 311.02	246.79
40 05 19 00-0014	EA 4" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,443.23 <i>For Class 52 Rating, Deduct</i> -117.00 <i>For Class 54 Rating, Add</i> 164.10 <i>For Class 55 Rating, Add</i> 246.31 <i>For Class 56 Rating, Add</i> 327.44	250.52
40 05 19 00-0015	EA 4" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,503.86 <i>For Class 52 Rating, Deduct</i> -123.05 <i>For Class 54 Rating, Add</i> 172.42 <i>For Class 55 Rating, Add</i> 258.70 <i>For Class 56 Rating, Add</i> 343.87	254.25
40 05 19 00-0016	EA 4" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe 1,564.51 <i>For Class 52 Rating, Deduct</i> -129.10 <i>For Class 54 Rating, Add</i> 180.74 <i>For Class 55 Rating, Add</i> 271.10 <i>For Class 56 Rating, Add</i> 360.29	257.98

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0017	EA		4" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,625.14	261.70
			<i>For Class 52 Rating, Deduct</i>	-135.15	
			<i>For Class 54 Rating, Add</i>	189.05	
			<i>For Class 55 Rating, Add</i>	283.50	
			<i>For Class 56 Rating, Add</i>	376.72	
40 05 19 00-0018	EA		4" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,685.76	265.43
			<i>For Class 52 Rating, Deduct</i>	-141.19	
			<i>For Class 54 Rating, Add</i>	197.36	
			<i>For Class 55 Rating, Add</i>	295.89	
			<i>For Class 56 Rating, Add</i>	393.14	
40 05 19 00-0019	EA		4" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,746.39	269.16
			<i>For Class 52 Rating, Deduct</i>	-147.24	
			<i>For Class 54 Rating, Add</i>	205.68	
			<i>For Class 55 Rating, Add</i>	308.29	
			<i>For Class 56 Rating, Add</i>	409.56	
40 05 19 00-0020	EA		4" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,807.02	272.89
			<i>For Class 52 Rating, Deduct</i>	-153.29	
			<i>For Class 54 Rating, Add</i>	213.99	
			<i>For Class 55 Rating, Add</i>	320.68	
			<i>For Class 56 Rating, Add</i>	425.98	
40 05 19 00-0021	EA		4" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,867.65	276.62
			<i>For Class 52 Rating, Deduct</i>	-159.34	
			<i>For Class 54 Rating, Add</i>	222.31	
			<i>For Class 55 Rating, Add</i>	333.08	
			<i>For Class 56 Rating, Add</i>	442.40	
40 05 19 00-0022	EA		4" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,928.28	280.34
			<i>For Class 52 Rating, Deduct</i>	-165.39	
			<i>For Class 54 Rating, Add</i>	230.62	
			<i>For Class 55 Rating, Add</i>	345.48	
			<i>For Class 56 Rating, Add</i>	458.83	
40 05 19 00-0023	EA		4" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,988.91	284.07
			<i>For Class 52 Rating, Deduct</i>	-171.43	
			<i>For Class 54 Rating, Add</i>	238.94	
			<i>For Class 55 Rating, Add</i>	357.87	
			<i>For Class 56 Rating, Add</i>	475.25	
40 05 19 00-0024	EA		4" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,049.53	287.80
			<i>For Class 52 Rating, Deduct</i>	-177.48	
			<i>For Class 54 Rating, Add</i>	247.25	
			<i>For Class 55 Rating, Add</i>	370.27	
			<i>For Class 56 Rating, Add</i>	491.67	
40 05 19 00-0025	EA		4" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,110.16	291.53
			<i>For Class 52 Rating, Deduct</i>	-183.53	
			<i>For Class 54 Rating, Add</i>	255.57	
			<i>For Class 55 Rating, Add</i>	382.67	
			<i>For Class 56 Rating, Add</i>	508.09	
40 05 19 00-0026	EA		4" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,170.79	295.26
			<i>For Class 52 Rating, Deduct</i>	-189.58	
			<i>For Class 54 Rating, Add</i>	263.88	
			<i>For Class 55 Rating, Add</i>	395.06	
			<i>For Class 56 Rating, Add</i>	524.52	
40 05 19 00-0027	EA		4" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,231.42	298.98
			<i>For Class 52 Rating, Deduct</i>	-195.63	
			<i>For Class 54 Rating, Add</i>	272.20	
			<i>For Class 55 Rating, Add</i>	407.46	
			<i>For Class 56 Rating, Add</i>	540.94	
40 05 19 00-0028	EA		4" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,292.05	302.71
			<i>For Class 52 Rating, Deduct</i>	-201.67	
			<i>For Class 54 Rating, Add</i>	280.51	
			<i>For Class 55 Rating, Add</i>	419.85	
			<i>For Class 56 Rating, Add</i>	557.36	
40 05 19 00-0029	EA		4" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,352.67	306.44
			<i>For Class 52 Rating, Deduct</i>	-207.72	
			<i>For Class 54 Rating, Add</i>	288.83	
			<i>For Class 55 Rating, Add</i>	432.25	
			<i>For Class 56 Rating, Add</i>	573.78	
40 05 19 00-0030	EA		4" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,413.30	310.17
			<i>For Class 52 Rating, Deduct</i>	-213.77	
			<i>For Class 54 Rating, Add</i>	297.14	
			<i>For Class 55 Rating, Add</i>	444.65	
			<i>For Class 56 Rating, Add</i>	590.21	
40 05 19 00-0031	EA		4" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,473.93	313.90
			<i>For Class 52 Rating, Deduct</i>	-219.82	
			<i>For Class 54 Rating, Add</i>	305.46	
			<i>For Class 55 Rating, Add</i>	457.04	
			<i>For Class 56 Rating, Add</i>	606.63	
40 05 19 00-0032	EA		4" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,534.57	317.62
			<i>For Class 52 Rating, Deduct</i>	-225.87	
			<i>For Class 54 Rating, Add</i>	313.77	
			<i>For Class 55 Rating, Add</i>	469.44	
			<i>For Class 56 Rating, Add</i>	623.05	
40 05 19 00-0033	EA		4" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,595.20	321.35
			<i>For Class 52 Rating, Deduct</i>	-231.91	
			<i>For Class 54 Rating, Add</i>	322.09	
			<i>For Class 55 Rating, Add</i>	481.84	
			<i>For Class 56 Rating, Add</i>	639.48	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0034 EA 4" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,655.83	325.08
<i>For Class 52 Rating, Deduct</i>	-237.96	
<i>For Class 54 Rating, Add</i>	330.40	
<i>For Class 55 Rating, Add</i>	494.23	
<i>For Class 56 Rating, Add</i>	655.90	
40 05 19 00-0035 EA 4" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,716.45	328.81
<i>For Class 52 Rating, Deduct</i>	-244.01	
<i>For Class 54 Rating, Add</i>	338.72	
<i>For Class 55 Rating, Add</i>	506.63	
<i>For Class 56 Rating, Add</i>	672.32	
40 05 19 00-0036 EA 4" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,777.08	332.54
<i>For Class 52 Rating, Deduct</i>	-250.06	
<i>For Class 54 Rating, Add</i>	347.03	
<i>For Class 55 Rating, Add</i>	519.02	
<i>For Class 56 Rating, Add</i>	688.74	
40 05 19 00-0037 EA 4" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,837.71	336.26
<i>For Class 52 Rating, Deduct</i>	-256.10	
<i>For Class 54 Rating, Add</i>	355.35	
<i>For Class 55 Rating, Add</i>	531.42	
<i>For Class 56 Rating, Add</i>	705.17	
40 05 19 00-0038 EA 4" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,898.34	339.99
<i>For Class 52 Rating, Deduct</i>	-262.15	
<i>For Class 54 Rating, Add</i>	363.66	
<i>For Class 55 Rating, Add</i>	543.82	
<i>For Class 56 Rating, Add</i>	721.59	
40 05 19 00-0039 EA 4" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,958.97	343.72
<i>For Class 52 Rating, Deduct</i>	-268.20	
<i>For Class 54 Rating, Add</i>	371.98	
<i>For Class 55 Rating, Add</i>	556.21	
<i>For Class 56 Rating, Add</i>	738.01	
40 05 19 00-0040 EA 4" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,019.59	347.45
<i>For Class 52 Rating, Deduct</i>	-274.25	
<i>For Class 54 Rating, Add</i>	380.29	
<i>For Class 55 Rating, Add</i>	568.61	
<i>For Class 56 Rating, Add</i>	754.43	
40 05 19 00-0041 EA 4" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,080.22	351.18
<i>For Class 52 Rating, Deduct</i>	-280.30	
<i>For Class 54 Rating, Add</i>	388.61	
<i>For Class 55 Rating, Add</i>	581.01	
<i>For Class 56 Rating, Add</i>	770.86	
40 05 19 00-0042 EA 4" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,140.85	354.90
<i>For Class 52 Rating, Deduct</i>	-286.34	
<i>For Class 54 Rating, Add</i>	396.92	
<i>For Class 55 Rating, Add</i>	593.40	
<i>For Class 56 Rating, Add</i>	787.28	
40 05 19 00-0043 6" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0044 EA 6" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,060.11	268.41
<i>For Class 52 Rating, Deduct</i>	-71.88	
<i>For Class 54 Rating, Add</i>	102.89	
<i>For Class 55 Rating, Add</i>	155.47	
<i>For Class 56 Rating, Add</i>	207.40	
40 05 19 00-0045 EA 6" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,133.43	272.15
<i>For Class 52 Rating, Deduct</i>	-79.32	
<i>For Class 54 Rating, Add</i>	113.11	
<i>For Class 55 Rating, Add</i>	170.70	
<i>For Class 56 Rating, Add</i>	227.57	
40 05 19 00-0046 EA 6" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,206.75	275.87
<i>For Class 52 Rating, Deduct</i>	-86.76	
<i>For Class 54 Rating, Add</i>	123.33	
<i>For Class 55 Rating, Add</i>	185.93	
<i>For Class 56 Rating, Add</i>	247.73	
40 05 19 00-0047 EA 6" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,280.06	279.60
<i>For Class 52 Rating, Deduct</i>	-94.21	
<i>For Class 54 Rating, Add</i>	133.55	
<i>For Class 55 Rating, Add</i>	201.15	
<i>For Class 56 Rating, Add</i>	267.90	
40 05 19 00-0048 EA 6" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,353.38	283.32
<i>For Class 52 Rating, Deduct</i>	-101.65	
<i>For Class 54 Rating, Add</i>	143.77	
<i>For Class 55 Rating, Add</i>	216.38	
<i>For Class 56 Rating, Add</i>	288.06	
40 05 19 00-0049 EA 6" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,426.70	287.05
<i>For Class 52 Rating, Deduct</i>	-109.09	
<i>For Class 54 Rating, Add</i>	153.98	
<i>For Class 55 Rating, Add</i>	231.60	
<i>For Class 56 Rating, Add</i>	308.23	
40 05 19 00-0050 EA 6" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,500.01	290.79
<i>For Class 52 Rating, Deduct</i>	-116.54	
<i>For Class 54 Rating, Add</i>	164.20	
<i>For Class 55 Rating, Add</i>	246.83	
<i>For Class 56 Rating, Add</i>	328.39	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0051	EA	6" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,573.33		294.51
		<i>For Class 52 Rating, Deduct</i>	-123.98		
		<i>For Class 54 Rating, Add</i>	174.42		
		<i>For Class 55 Rating, Add</i>	262.05		
		<i>For Class 56 Rating, Add</i>	348.56		
40 05 19 00-0052	EA	6" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,646.64		298.24
		<i>For Class 52 Rating, Deduct</i>	-131.42		
		<i>For Class 54 Rating, Add</i>	184.64		
		<i>For Class 55 Rating, Add</i>	277.28		
		<i>For Class 56 Rating, Add</i>	368.72		
40 05 19 00-0053	EA	6" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,719.96		301.96
		<i>For Class 52 Rating, Deduct</i>	-138.87		
		<i>For Class 54 Rating, Add</i>	194.86		
		<i>For Class 55 Rating, Add</i>	292.50		
		<i>For Class 56 Rating, Add</i>	388.89		
40 05 19 00-0054	EA	6" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,793.28		305.69
		<i>For Class 52 Rating, Deduct</i>	-146.31		
		<i>For Class 54 Rating, Add</i>	205.07		
		<i>For Class 55 Rating, Add</i>	307.73		
		<i>For Class 56 Rating, Add</i>	409.06		
40 05 19 00-0055	EA	6" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,866.60		309.43
		<i>For Class 52 Rating, Deduct</i>	-153.76		
		<i>For Class 54 Rating, Add</i>	215.29		
		<i>For Class 55 Rating, Add</i>	322.96		
		<i>For Class 56 Rating, Add</i>	429.22		
40 05 19 00-0056	EA	6" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,939.92		313.15
		<i>For Class 52 Rating, Deduct</i>	-161.20		
		<i>For Class 54 Rating, Add</i>	225.51		
		<i>For Class 55 Rating, Add</i>	338.18		
		<i>For Class 56 Rating, Add</i>	449.39		
40 05 19 00-0057	EA	6" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,013.23		316.88
		<i>For Class 52 Rating, Deduct</i>	-168.64		
		<i>For Class 54 Rating, Add</i>	235.73		
		<i>For Class 55 Rating, Add</i>	353.41		
		<i>For Class 56 Rating, Add</i>	469.55		
40 05 19 00-0058	EA	6" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,086.54		320.60
		<i>For Class 52 Rating, Deduct</i>	-176.09		
		<i>For Class 54 Rating, Add</i>	245.95		
		<i>For Class 55 Rating, Add</i>	368.63		
		<i>For Class 56 Rating, Add</i>	489.72		
40 05 19 00-0059	EA	6" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,159.86		324.33
		<i>For Class 52 Rating, Deduct</i>	-183.53		
		<i>For Class 54 Rating, Add</i>	256.16		
		<i>For Class 55 Rating, Add</i>	383.86		
		<i>For Class 56 Rating, Add</i>	509.88		
40 05 19 00-0060	EA	6" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,233.18		328.07
		<i>For Class 52 Rating, Deduct</i>	-190.97		
		<i>For Class 54 Rating, Add</i>	266.38		
		<i>For Class 55 Rating, Add</i>	399.08		
		<i>For Class 56 Rating, Add</i>	530.05		
40 05 19 00-0061	EA	6" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,306.50		331.79
		<i>For Class 52 Rating, Deduct</i>	-198.42		
		<i>For Class 54 Rating, Add</i>	276.60		
		<i>For Class 55 Rating, Add</i>	414.31		
		<i>For Class 56 Rating, Add</i>	550.22		
40 05 19 00-0062	EA	6" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,379.82		335.52
		<i>For Class 52 Rating, Deduct</i>	-205.86		
		<i>For Class 54 Rating, Add</i>	286.82		
		<i>For Class 55 Rating, Add</i>	429.54		
		<i>For Class 56 Rating, Add</i>	570.38		
40 05 19 00-0063	EA	6" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,453.13		339.24
		<i>For Class 52 Rating, Deduct</i>	-213.30		
		<i>For Class 54 Rating, Add</i>	297.04		
		<i>For Class 55 Rating, Add</i>	444.76		
		<i>For Class 56 Rating, Add</i>	590.54		
40 05 19 00-0064	EA	6" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,526.45		342.97
		<i>For Class 52 Rating, Deduct</i>	-220.75		
		<i>For Class 54 Rating, Add</i>	307.25		
		<i>For Class 55 Rating, Add</i>	459.99		
		<i>For Class 56 Rating, Add</i>	610.71		
40 05 19 00-0065	EA	6" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,599.77		346.71
		<i>For Class 52 Rating, Deduct</i>	-228.19		
		<i>For Class 54 Rating, Add</i>	317.47		
		<i>For Class 55 Rating, Add</i>	475.21		
		<i>For Class 56 Rating, Add</i>	630.88		
40 05 19 00-0066	EA	6" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,673.09		350.43
		<i>For Class 52 Rating, Deduct</i>	-235.63		
		<i>For Class 54 Rating, Add</i>	327.69		
		<i>For Class 55 Rating, Add</i>	490.44		
		<i>For Class 56 Rating, Add</i>	651.04		
40 05 19 00-0067	EA	6" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,746.41		354.16
		<i>For Class 52 Rating, Deduct</i>	-243.08		
		<i>For Class 54 Rating, Add</i>	337.91		
		<i>For Class 55 Rating, Add</i>	505.66		
		<i>For Class 56 Rating, Add</i>	671.21		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0068 EA 6" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,819.73	357.88
<i>For Class 52 Rating, Deduct</i>	-250.52	
<i>For Class 54 Rating, Add</i>	348.13	
<i>For Class 55 Rating, Add</i>	520.89	
<i>For Class 56 Rating, Add</i>	691.38	
40 05 19 00-0069 EA 6" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,893.04	361.61
<i>For Class 52 Rating, Deduct</i>	-257.97	
<i>For Class 54 Rating, Add</i>	358.35	
<i>For Class 55 Rating, Add</i>	536.12	
<i>For Class 56 Rating, Add</i>	711.54	
40 05 19 00-0070 EA 6" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,966.35	365.35
<i>For Class 52 Rating, Deduct</i>	-265.41	
<i>For Class 54 Rating, Add</i>	368.56	
<i>For Class 55 Rating, Add</i>	551.34	
<i>For Class 56 Rating, Add</i>	731.70	
40 05 19 00-0071 EA 6" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,039.67	369.07
<i>For Class 52 Rating, Deduct</i>	-272.85	
<i>For Class 54 Rating, Add</i>	378.78	
<i>For Class 55 Rating, Add</i>	566.57	
<i>For Class 56 Rating, Add</i>	751.87	
40 05 19 00-0072 EA 6" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,112.99	372.80
<i>For Class 52 Rating, Deduct</i>	-280.30	
<i>For Class 54 Rating, Add</i>	389.00	
<i>For Class 55 Rating, Add</i>	581.79	
<i>For Class 56 Rating, Add</i>	772.04	
40 05 19 00-0073 EA 6" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,186.31	376.52
<i>For Class 52 Rating, Deduct</i>	-287.74	
<i>For Class 54 Rating, Add</i>	399.22	
<i>For Class 55 Rating, Add</i>	597.02	
<i>For Class 56 Rating, Add</i>	792.20	
40 05 19 00-0074 EA 6" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,259.62	380.25
<i>For Class 52 Rating, Deduct</i>	-295.18	
<i>For Class 54 Rating, Add</i>	409.44	
<i>For Class 55 Rating, Add</i>	612.24	
<i>For Class 56 Rating, Add</i>	812.37	
40 05 19 00-0075 EA 6" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,332.94	383.99
<i>For Class 52 Rating, Deduct</i>	-302.63	
<i>For Class 54 Rating, Add</i>	419.65	
<i>For Class 55 Rating, Add</i>	627.47	
<i>For Class 56 Rating, Add</i>	832.53	
40 05 19 00-0076 EA 6" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,406.26	387.71
<i>For Class 52 Rating, Deduct</i>	-310.07	
<i>For Class 54 Rating, Add</i>	429.87	
<i>For Class 55 Rating, Add</i>	642.70	
<i>For Class 56 Rating, Add</i>	852.70	
40 05 19 00-0077 EA 6" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,479.57	391.44
<i>For Class 52 Rating, Deduct</i>	-317.51	
<i>For Class 54 Rating, Add</i>	440.09	
<i>For Class 55 Rating, Add</i>	657.92	
<i>For Class 56 Rating, Add</i>	872.86	
40 05 19 00-0078 EA 6" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,552.89	395.16
<i>For Class 52 Rating, Deduct</i>	-324.96	
<i>For Class 54 Rating, Add</i>	450.31	
<i>For Class 55 Rating, Add</i>	673.15	
<i>For Class 56 Rating, Add</i>	893.03	
40 05 19 00-0079 EA 6" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,626.21	398.89
<i>For Class 52 Rating, Deduct</i>	-332.40	
<i>For Class 54 Rating, Add</i>	460.53	
<i>For Class 55 Rating, Add</i>	688.37	
<i>For Class 56 Rating, Add</i>	913.19	
40 05 19 00-0080 EA 6" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,699.52	402.63
<i>For Class 52 Rating, Deduct</i>	-339.84	
<i>For Class 54 Rating, Add</i>	470.74	
<i>For Class 55 Rating, Add</i>	703.60	
<i>For Class 56 Rating, Add</i>	933.36	
40 05 19 00-0081 EA 6" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,772.84	406.35
<i>For Class 52 Rating, Deduct</i>	-347.29	
<i>For Class 54 Rating, Add</i>	480.96	
<i>For Class 55 Rating, Add</i>	718.82	
<i>For Class 56 Rating, Add</i>	953.53	
40 05 19 00-0082 EA 6" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,846.16	410.08
<i>For Class 52 Rating, Deduct</i>	-354.73	
<i>For Class 54 Rating, Add</i>	491.18	
<i>For Class 55 Rating, Add</i>	734.05	
<i>For Class 56 Rating, Add</i>	973.69	
40 05 19 00-0083 8" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0002)		
40 05 19 00-0084 EA 8" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,481.82	342.97
<i>For Class 52 Rating, Deduct</i>	-105.84	
<i>For Class 54 Rating, Add</i>	150.56	
<i>For Class 55 Rating, Add</i>	227.03	
<i>For Class 56 Rating, Add</i>	302.54	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05	19 00-0085	EA	8" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,580.52	346.71
			<i>For Class 52 Rating, Deduct</i>	-116.07	
			<i>For Class 54 Rating, Add</i>	164.59	
			<i>For Class 55 Rating, Add</i>	247.92	
			<i>For Class 56 Rating, Add</i>	330.20	
40 05	19 00-0086	EA	8" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,679.21	350.43
			<i>For Class 52 Rating, Deduct</i>	-126.31	
			<i>For Class 54 Rating, Add</i>	178.61	
			<i>For Class 55 Rating, Add</i>	268.80	
			<i>For Class 56 Rating, Add</i>	357.85	
40 05	19 00-0087	EA	8" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,777.90	354.16
			<i>For Class 52 Rating, Deduct</i>	-136.54	
			<i>For Class 54 Rating, Add</i>	192.63	
			<i>For Class 55 Rating, Add</i>	289.69	
			<i>For Class 56 Rating, Add</i>	385.50	
40 05	19 00-0088	EA	8" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,876.60	357.88
			<i>For Class 52 Rating, Deduct</i>	-146.78	
			<i>For Class 54 Rating, Add</i>	206.66	
			<i>For Class 55 Rating, Add</i>	310.57	
			<i>For Class 56 Rating, Add</i>	413.15	
40 05	19 00-0089	EA	8" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,975.28	361.61
			<i>For Class 52 Rating, Deduct</i>	-157.01	
			<i>For Class 54 Rating, Add</i>	220.68	
			<i>For Class 55 Rating, Add</i>	331.46	
			<i>For Class 56 Rating, Add</i>	440.80	
40 05	19 00-0090	EA	8" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,073.98	365.35
			<i>For Class 52 Rating, Deduct</i>	-167.25	
			<i>For Class 54 Rating, Add</i>	234.71	
			<i>For Class 55 Rating, Add</i>	352.34	
			<i>For Class 56 Rating, Add</i>	468.45	
40 05	19 00-0091	EA	8" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,172.67	369.07
			<i>For Class 52 Rating, Deduct</i>	-177.48	
			<i>For Class 54 Rating, Add</i>	248.73	
			<i>For Class 55 Rating, Add</i>	373.22	
			<i>For Class 56 Rating, Add</i>	496.10	
40 05	19 00-0092	EA	8" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,271.36	372.80
			<i>For Class 52 Rating, Deduct</i>	-187.72	
			<i>For Class 54 Rating, Add</i>	262.75	
			<i>For Class 55 Rating, Add</i>	394.11	
			<i>For Class 56 Rating, Add</i>	523.76	
40 05	19 00-0093	EA	8" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,370.06	376.52
			<i>For Class 52 Rating, Deduct</i>	-197.95	
			<i>For Class 54 Rating, Add</i>	276.78	
			<i>For Class 55 Rating, Add</i>	414.99	
			<i>For Class 56 Rating, Add</i>	551.41	
40 05	19 00-0094	EA	8" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,468.74	380.25
			<i>For Class 52 Rating, Deduct</i>	-208.19	
			<i>For Class 54 Rating, Add</i>	290.80	
			<i>For Class 55 Rating, Add</i>	435.88	
			<i>For Class 56 Rating, Add</i>	579.06	
40 05	19 00-0095	EA	8" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,567.44	383.99
			<i>For Class 52 Rating, Deduct</i>	-218.42	
			<i>For Class 54 Rating, Add</i>	304.83	
			<i>For Class 55 Rating, Add</i>	456.76	
			<i>For Class 56 Rating, Add</i>	606.71	
40 05	19 00-0096	EA	8" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,666.13	387.71
			<i>For Class 52 Rating, Deduct</i>	-228.66	
			<i>For Class 54 Rating, Add</i>	318.85	
			<i>For Class 55 Rating, Add</i>	477.65	
			<i>For Class 56 Rating, Add</i>	634.36	
40 05	19 00-0097	EA	8" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,764.83	391.44
			<i>For Class 52 Rating, Deduct</i>	-238.89	
			<i>For Class 54 Rating, Add</i>	332.88	
			<i>For Class 55 Rating, Add</i>	498.53	
			<i>For Class 56 Rating, Add</i>	662.01	
40 05	19 00-0098	EA	8" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,863.52	395.16
			<i>For Class 52 Rating, Deduct</i>	-249.13	
			<i>For Class 54 Rating, Add</i>	346.90	
			<i>For Class 55 Rating, Add</i>	519.42	
			<i>For Class 56 Rating, Add</i>	689.66	
40 05	19 00-0099	EA	8" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,962.21	398.89
			<i>For Class 52 Rating, Deduct</i>	-259.36	
			<i>For Class 54 Rating, Add</i>	360.93	
			<i>For Class 55 Rating, Add</i>	540.30	
			<i>For Class 56 Rating, Add</i>	717.31	
40 05	19 00-0100	EA	8" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,060.90	402.63
			<i>For Class 52 Rating, Deduct</i>	-269.60	
			<i>For Class 54 Rating, Add</i>	374.95	
			<i>For Class 55 Rating, Add</i>	561.18	
			<i>For Class 56 Rating, Add</i>	744.97	
40 05	19 00-0101	EA	8" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,159.59	406.35
			<i>For Class 52 Rating, Deduct</i>	-279.83	
			<i>For Class 54 Rating, Add</i>	388.97	
			<i>For Class 55 Rating, Add</i>	582.07	
			<i>For Class 56 Rating, Add</i>	772.62	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0102 EA 8" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,258.29	410.08
<i>For Class 52 Rating, Deduct</i>	-290.07	
<i>For Class 54 Rating, Add</i>	403.00	
<i>For Class 55 Rating, Add</i>	602.95	
<i>For Class 56 Rating, Add</i>	800.27	
40 05 19 00-0103 EA 8" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,356.98	413.80
<i>For Class 52 Rating, Deduct</i>	-300.30	
<i>For Class 54 Rating, Add</i>	417.02	
<i>For Class 55 Rating, Add</i>	623.84	
<i>For Class 56 Rating, Add</i>	827.92	
40 05 19 00-0104 EA 8" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,455.67	417.53
<i>For Class 52 Rating, Deduct</i>	-310.53	
<i>For Class 54 Rating, Add</i>	431.05	
<i>For Class 55 Rating, Add</i>	644.72	
<i>For Class 56 Rating, Add</i>	855.57	
40 05 19 00-0105 EA 8" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,554.37	421.27
<i>For Class 52 Rating, Deduct</i>	-320.77	
<i>For Class 54 Rating, Add</i>	445.07	
<i>For Class 55 Rating, Add</i>	665.61	
<i>For Class 56 Rating, Add</i>	883.22	
40 05 19 00-0106 EA 8" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,653.05	424.99
<i>For Class 52 Rating, Deduct</i>	-331.00	
<i>For Class 54 Rating, Add</i>	459.10	
<i>For Class 55 Rating, Add</i>	686.49	
<i>For Class 56 Rating, Add</i>	910.87	
40 05 19 00-0107 EA 8" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,751.75	428.72
<i>For Class 52 Rating, Deduct</i>	-341.24	
<i>For Class 54 Rating, Add</i>	473.12	
<i>For Class 55 Rating, Add</i>	707.38	
<i>For Class 56 Rating, Add</i>	938.53	
40 05 19 00-0108 EA 8" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,850.44	432.44
<i>For Class 52 Rating, Deduct</i>	-351.47	
<i>For Class 54 Rating, Add</i>	487.15	
<i>For Class 55 Rating, Add</i>	728.26	
<i>For Class 56 Rating, Add</i>	966.18	
40 05 19 00-0109 EA 8" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,949.14	436.17
<i>For Class 52 Rating, Deduct</i>	-361.71	
<i>For Class 54 Rating, Add</i>	501.17	
<i>For Class 55 Rating, Add</i>	749.15	
<i>For Class 56 Rating, Add</i>	993.83	
40 05 19 00-0110 EA 8" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,047.83	439.91
<i>For Class 52 Rating, Deduct</i>	-371.94	
<i>For Class 54 Rating, Add</i>	515.19	
<i>For Class 55 Rating, Add</i>	770.03	
<i>For Class 56 Rating, Add</i>	1,021.48	
40 05 19 00-0111 EA 8" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,146.51	443.63
<i>For Class 52 Rating, Deduct</i>	-382.18	
<i>For Class 54 Rating, Add</i>	529.22	
<i>For Class 55 Rating, Add</i>	790.91	
<i>For Class 56 Rating, Add</i>	1,049.13	
40 05 19 00-0112 EA 8" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,245.21	447.36
<i>For Class 52 Rating, Deduct</i>	-392.41	
<i>For Class 54 Rating, Add</i>	543.24	
<i>For Class 55 Rating, Add</i>	811.80	
<i>For Class 56 Rating, Add</i>	1,076.78	
40 05 19 00-0113 EA 8" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,343.90	451.08
<i>For Class 52 Rating, Deduct</i>	-402.65	
<i>For Class 54 Rating, Add</i>	557.27	
<i>For Class 55 Rating, Add</i>	832.68	
<i>For Class 56 Rating, Add</i>	1,104.43	
40 05 19 00-0114 EA 8" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,442.60	454.81
<i>For Class 52 Rating, Deduct</i>	-412.88	
<i>For Class 54 Rating, Add</i>	571.29	
<i>For Class 55 Rating, Add</i>	853.57	
<i>For Class 56 Rating, Add</i>	1,132.09	
40 05 19 00-0115 EA 8" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,541.29	458.55
<i>For Class 52 Rating, Deduct</i>	-423.12	
<i>For Class 54 Rating, Add</i>	585.32	
<i>For Class 55 Rating, Add</i>	874.45	
<i>For Class 56 Rating, Add</i>	1,159.74	
40 05 19 00-0116 EA 8" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,639.98	462.27
<i>For Class 52 Rating, Deduct</i>	-433.35	
<i>For Class 54 Rating, Add</i>	599.34	
<i>For Class 55 Rating, Add</i>	895.33	
<i>For Class 56 Rating, Add</i>	1,187.39	
40 05 19 00-0117 EA 8" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,738.67	466.00
<i>For Class 52 Rating, Deduct</i>	-443.59	
<i>For Class 54 Rating, Add</i>	613.37	
<i>For Class 55 Rating, Add</i>	916.22	
<i>For Class 56 Rating, Add</i>	1,215.04	
40 05 19 00-0118 EA 8" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,837.36	469.72
<i>For Class 52 Rating, Deduct</i>	-453.82	
<i>For Class 54 Rating, Add</i>	627.39	
<i>For Class 55 Rating, Add</i>	937.10	
<i>For Class 56 Rating, Add</i>	1,242.69	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0119	EA		8" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,936.06	473.45
			<i>For Class 52 Rating, Deduct</i>	-464.06	
			<i>For Class 54 Rating, Add</i>	641.41	
			<i>For Class 55 Rating, Add</i>	957.99	
			<i>For Class 56 Rating, Add</i>	1,270.34	
40 05 19 00-0120	EA		8" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,034.76	477.19
			<i>For Class 52 Rating, Deduct</i>	-474.29	
			<i>For Class 54 Rating, Add</i>	655.44	
			<i>For Class 55 Rating, Add</i>	978.87	
			<i>For Class 56 Rating, Add</i>	1,297.99	
40 05 19 00-0121	EA		8" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,133.46	480.91
			<i>For Class 52 Rating, Deduct</i>	-484.53	
			<i>For Class 54 Rating, Add</i>	669.46	
			<i>For Class 55 Rating, Add</i>	999.76	
			<i>For Class 56 Rating, Add</i>	1,325.65	
40 05 19 00-0122	EA		8" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,232.14	484.64
			<i>For Class 52 Rating, Deduct</i>	-494.76	
			<i>For Class 54 Rating, Add</i>	683.49	
			<i>For Class 55 Rating, Add</i>	1,020.64	
			<i>For Class 56 Rating, Add</i>	1,353.30	
40 05 19 00-0123			10" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat,		
			Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0124	EA		10" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,867.58	417.53
			<i>For Class 52 Rating, Deduct</i>	-135.84	
			<i>For Class 54 Rating, Add</i>	192.83	
			<i>For Class 55 Rating, Add</i>	290.58	
			<i>For Class 56 Rating, Add</i>	387.08	
40 05 19 00-0125	EA		10" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,995.88	421.27
			<i>For Class 52 Rating, Deduct</i>	-149.34	
			<i>For Class 54 Rating, Add</i>	211.30	
			<i>For Class 55 Rating, Add</i>	318.06	
			<i>For Class 56 Rating, Add</i>	423.47	
40 05 19 00-0126	EA		10" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,124.17	424.99
			<i>For Class 52 Rating, Deduct</i>	-162.83	
			<i>For Class 54 Rating, Add</i>	229.76	
			<i>For Class 55 Rating, Add</i>	345.55	
			<i>For Class 56 Rating, Add</i>	459.85	
40 05 19 00-0127	EA		10" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,252.47	428.72
			<i>For Class 52 Rating, Deduct</i>	-176.32	
			<i>For Class 54 Rating, Add</i>	248.23	
			<i>For Class 55 Rating, Add</i>	373.04	
			<i>For Class 56 Rating, Add</i>	496.24	
40 05 19 00-0128	EA		10" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,380.77	432.44
			<i>For Class 52 Rating, Deduct</i>	-189.81	
			<i>For Class 54 Rating, Add</i>	266.70	
			<i>For Class 55 Rating, Add</i>	400.52	
			<i>For Class 56 Rating, Add</i>	532.63	
40 05 19 00-0129	EA		10" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,509.07	436.17
			<i>For Class 52 Rating, Deduct</i>	-203.30	
			<i>For Class 54 Rating, Add</i>	285.16	
			<i>For Class 55 Rating, Add</i>	428.01	
			<i>For Class 56 Rating, Add</i>	569.01	
40 05 19 00-0130	EA		10" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,637.36	439.91
			<i>For Class 52 Rating, Deduct</i>	-216.79	
			<i>For Class 54 Rating, Add</i>	303.62	
			<i>For Class 55 Rating, Add</i>	455.49	
			<i>For Class 56 Rating, Add</i>	605.39	
40 05 19 00-0131	EA		10" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,765.65	443.63
			<i>For Class 52 Rating, Deduct</i>	-230.28	
			<i>For Class 54 Rating, Add</i>	322.09	
			<i>For Class 55 Rating, Add</i>	482.98	
			<i>For Class 56 Rating, Add</i>	641.78	
40 05 19 00-0132	EA		10" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,893.95	447.36
			<i>For Class 52 Rating, Deduct</i>	-243.78	
			<i>For Class 54 Rating, Add</i>	340.55	
			<i>For Class 55 Rating, Add</i>	510.47	
			<i>For Class 56 Rating, Add</i>	678.16	
40 05 19 00-0133	EA		10" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,022.25	451.08
			<i>For Class 52 Rating, Deduct</i>	-257.27	
			<i>For Class 54 Rating, Add</i>	359.02	
			<i>For Class 55 Rating, Add</i>	537.95	
			<i>For Class 56 Rating, Add</i>	714.55	
40 05 19 00-0134	EA		10" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,150.55	454.81
			<i>For Class 52 Rating, Deduct</i>	-270.76	
			<i>For Class 54 Rating, Add</i>	377.49	
			<i>For Class 55 Rating, Add</i>	565.44	
			<i>For Class 56 Rating, Add</i>	750.93	
40 05 19 00-0135	EA		10" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,278.85	458.55
			<i>For Class 52 Rating, Deduct</i>	-284.25	
			<i>For Class 54 Rating, Add</i>	395.95	
			<i>For Class 55 Rating, Add</i>	592.93	
			<i>For Class 56 Rating, Add</i>	787.32	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0136 EA 10" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,407.15	462.27
For Class 52 Rating, Deduct	-297.74	
For Class 54 Rating, Add	414.42	
For Class 55 Rating, Add	620.41	
For Class 56 Rating, Add	823.70	
40 05 19 00-0137 EA 10" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,535.44	466.00
For Class 52 Rating, Deduct	-311.23	
For Class 54 Rating, Add	432.88	
For Class 55 Rating, Add	647.90	
For Class 56 Rating, Add	860.09	
40 05 19 00-0138 EA 10" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,663.74	469.72
For Class 52 Rating, Deduct	-324.72	
For Class 54 Rating, Add	451.35	
For Class 55 Rating, Add	675.39	
For Class 56 Rating, Add	896.47	
40 05 19 00-0139 EA 10" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,792.04	473.45
For Class 52 Rating, Deduct	-338.22	
For Class 54 Rating, Add	469.81	
For Class 55 Rating, Add	702.87	
For Class 56 Rating, Add	932.86	
40 05 19 00-0140 EA 10" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,920.35	477.19
For Class 52 Rating, Deduct	-351.71	
For Class 54 Rating, Add	488.28	
For Class 55 Rating, Add	730.36	
For Class 56 Rating, Add	969.24	
40 05 19 00-0141 EA 10" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,048.64	480.91
For Class 52 Rating, Deduct	-365.20	
For Class 54 Rating, Add	506.74	
For Class 55 Rating, Add	757.84	
For Class 56 Rating, Add	1,005.63	
40 05 19 00-0142 EA 10" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,176.93	484.64
For Class 52 Rating, Deduct	-378.69	
For Class 54 Rating, Add	525.21	
For Class 55 Rating, Add	785.33	
For Class 56 Rating, Add	1,042.01	
40 05 19 00-0143 EA 10" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,305.23	488.36
For Class 52 Rating, Deduct	-392.18	
For Class 54 Rating, Add	543.67	
For Class 55 Rating, Add	812.82	
For Class 56 Rating, Add	1,078.40	
40 05 19 00-0144 EA 10" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,433.53	492.09
For Class 52 Rating, Deduct	-405.67	
For Class 54 Rating, Add	562.14	
For Class 55 Rating, Add	840.30	
For Class 56 Rating, Add	1,114.78	
40 05 19 00-0145 EA 10" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,561.83	495.83
For Class 52 Rating, Deduct	-419.16	
For Class 54 Rating, Add	580.60	
For Class 55 Rating, Add	867.79	
For Class 56 Rating, Add	1,151.17	
40 05 19 00-0146 EA 10" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,690.13	499.55
For Class 52 Rating, Deduct	-432.66	
For Class 54 Rating, Add	599.07	
For Class 55 Rating, Add	895.28	
For Class 56 Rating, Add	1,187.55	
40 05 19 00-0147 EA 10" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,818.43	503.28
For Class 52 Rating, Deduct	-446.15	
For Class 54 Rating, Add	617.53	
For Class 55 Rating, Add	922.76	
For Class 56 Rating, Add	1,223.94	
40 05 19 00-0148 EA 10" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,946.72	507.00
For Class 52 Rating, Deduct	-459.64	
For Class 54 Rating, Add	636.00	
For Class 55 Rating, Add	950.25	
For Class 56 Rating, Add	1,260.32	
40 05 19 00-0149 EA 10" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,075.02	510.73
For Class 52 Rating, Deduct	-473.13	
For Class 54 Rating, Add	654.46	
For Class 55 Rating, Add	977.74	
For Class 56 Rating, Add	1,296.71	
40 05 19 00-0150 EA 10" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,203.32	514.47
For Class 52 Rating, Deduct	-486.62	
For Class 54 Rating, Add	672.93	
For Class 55 Rating, Add	1,005.22	
For Class 56 Rating, Add	1,333.09	
40 05 19 00-0151 EA 10" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,331.62	518.19
For Class 52 Rating, Deduct	-500.11	
For Class 54 Rating, Add	691.39	
For Class 55 Rating, Add	1,032.71	
For Class 56 Rating, Add	1,369.48	
40 05 19 00-0152 EA 10" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,459.92	521.92
For Class 52 Rating, Deduct	-513.60	
For Class 54 Rating, Add	709.86	
For Class 55 Rating, Add	1,060.19	
For Class 56 Rating, Add	1,405.86	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0153	EA		10" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,588.20	525.64
			<i>For Class 52 Rating, Deduct</i>	-527.09	
			<i>For Class 54 Rating, Add</i>	728.32	
			<i>For Class 55 Rating, Add</i>	1,087.68	
			<i>For Class 56 Rating, Add</i>	1,442.24	
40 05 19 00-0154	EA		10" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,716.50	529.37
			<i>For Class 52 Rating, Deduct</i>	-540.59	
			<i>For Class 54 Rating, Add</i>	746.79	
			<i>For Class 55 Rating, Add</i>	1,115.17	
			<i>For Class 56 Rating, Add</i>	1,478.63	
40 05 19 00-0155	EA		10" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,842.69	533.11
			<i>For Class 52 Rating, Deduct</i>	-553.85	
			<i>For Class 54 Rating, Add</i>	764.94	
			<i>For Class 55 Rating, Add</i>	1,142.18	
			<i>For Class 56 Rating, Add</i>	1,514.39	
40 05 19 00-0156	EA		10" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,973.10	536.83
			<i>For Class 52 Rating, Deduct</i>	-567.57	
			<i>For Class 54 Rating, Add</i>	783.72	
			<i>For Class 55 Rating, Add</i>	1,170.14	
			<i>For Class 56 Rating, Add</i>	1,551.40	
40 05 19 00-0157	EA		10" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,101.40	540.56
			<i>For Class 52 Rating, Deduct</i>	-581.06	
			<i>For Class 54 Rating, Add</i>	802.18	
			<i>For Class 55 Rating, Add</i>	1,197.63	
			<i>For Class 56 Rating, Add</i>	1,587.78	
40 05 19 00-0158	EA		10" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,229.70	544.28
			<i>For Class 52 Rating, Deduct</i>	-594.55	
			<i>For Class 54 Rating, Add</i>	820.65	
			<i>For Class 55 Rating, Add</i>	1,225.11	
			<i>For Class 56 Rating, Add</i>	1,624.17	
40 05 19 00-0159	EA		10" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,357.99	548.01
			<i>For Class 52 Rating, Deduct</i>	-608.04	
			<i>For Class 54 Rating, Add</i>	839.11	
			<i>For Class 55 Rating, Add</i>	1,252.60	
			<i>For Class 56 Rating, Add</i>	1,660.55	
40 05 19 00-0160	EA		10" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,486.29	551.75
			<i>For Class 52 Rating, Deduct</i>	-621.54	
			<i>For Class 54 Rating, Add</i>	857.58	
			<i>For Class 55 Rating, Add</i>	1,280.08	
			<i>For Class 56 Rating, Add</i>	1,696.94	
40 05 19 00-0161	EA		10" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,614.59	555.47
			<i>For Class 52 Rating, Deduct</i>	-635.03	
			<i>For Class 54 Rating, Add</i>	876.04	
			<i>For Class 55 Rating, Add</i>	1,307.57	
			<i>For Class 56 Rating, Add</i>	1,733.32	
40 05 19 00-0162	EA		10" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,742.89	559.20
			<i>For Class 52 Rating, Deduct</i>	-648.52	
			<i>For Class 54 Rating, Add</i>	894.51	
			<i>For Class 55 Rating, Add</i>	1,335.06	
			<i>For Class 56 Rating, Add</i>	1,769.71	
40 05 19 00-0163			12" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0164	EA		12" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,444.44	521.92
			<i>For Class 52 Rating, Deduct</i>	-181.90	
			<i>For Class 54 Rating, Add</i>	257.54	
			<i>For Class 55 Rating, Add</i>	387.74	
			<i>For Class 56 Rating, Add</i>	516.30	
40 05 19 00-0165	EA		12" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,604.45	525.64
			<i>For Class 52 Rating, Deduct</i>	-198.88	
			<i>For Class 54 Rating, Add</i>	280.76	
			<i>For Class 55 Rating, Add</i>	422.30	
			<i>For Class 56 Rating, Add</i>	562.04	
40 05 19 00-0166	EA		12" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,764.47	529.37
			<i>For Class 52 Rating, Deduct</i>	-215.86	
			<i>For Class 54 Rating, Add</i>	303.98	
			<i>For Class 55 Rating, Add</i>	456.86	
			<i>For Class 56 Rating, Add</i>	607.78	
40 05 19 00-0167	EA		12" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,924.48	533.11
			<i>For Class 52 Rating, Deduct</i>	-232.84	
			<i>For Class 54 Rating, Add</i>	327.21	
			<i>For Class 55 Rating, Add</i>	491.42	
			<i>For Class 56 Rating, Add</i>	653.52	
40 05 19 00-0168	EA		12" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,084.50	536.83
			<i>For Class 52 Rating, Deduct</i>	-249.82	
			<i>For Class 54 Rating, Add</i>	350.43	
			<i>For Class 55 Rating, Add</i>	525.98	
			<i>For Class 56 Rating, Add</i>	699.26	
40 05 19 00-0169	EA		12" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,244.52	540.56
			<i>For Class 52 Rating, Deduct</i>	-266.80	
			<i>For Class 54 Rating, Add</i>	373.65	
			<i>For Class 55 Rating, Add</i>	560.54	
			<i>For Class 56 Rating, Add</i>	745.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0170 EA 12" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,404.54	544.28
<i>For Class 52 Rating, Deduct</i>	-283.78	
<i>For Class 54 Rating, Add</i>	396.88	
<i>For Class 55 Rating, Add</i>	595.10	
<i>For Class 56 Rating, Add</i>	790.75	
40 05 19 00-0171 EA 12" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,564.55	548.01
<i>For Class 52 Rating, Deduct</i>	-300.77	
<i>For Class 54 Rating, Add</i>	420.10	
<i>For Class 55 Rating, Add</i>	629.66	
<i>For Class 56 Rating, Add</i>	836.49	
40 05 19 00-0172 EA 12" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,724.57	551.75
<i>For Class 52 Rating, Deduct</i>	-317.75	
<i>For Class 54 Rating, Add</i>	443.32	
<i>For Class 55 Rating, Add</i>	664.22	
<i>For Class 56 Rating, Add</i>	882.23	
40 05 19 00-0173 EA 12" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,884.59	555.47
<i>For Class 52 Rating, Deduct</i>	-334.73	
<i>For Class 54 Rating, Add</i>	466.54	
<i>For Class 55 Rating, Add</i>	698.78	
<i>For Class 56 Rating, Add</i>	927.97	
40 05 19 00-0174 EA 12" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,044.61	559.20
<i>For Class 52 Rating, Deduct</i>	-351.71	
<i>For Class 54 Rating, Add</i>	489.77	
<i>For Class 55 Rating, Add</i>	733.34	
<i>For Class 56 Rating, Add</i>	973.72	
40 05 19 00-0175 EA 12" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,204.62	562.92
<i>For Class 52 Rating, Deduct</i>	-368.69	
<i>For Class 54 Rating, Add</i>	512.99	
<i>For Class 55 Rating, Add</i>	767.90	
<i>For Class 56 Rating, Add</i>	1,019.46	
40 05 19 00-0176 EA 12" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,364.63	566.65
<i>For Class 52 Rating, Deduct</i>	-385.67	
<i>For Class 54 Rating, Add</i>	536.21	
<i>For Class 55 Rating, Add</i>	802.46	
<i>For Class 56 Rating, Add</i>	1,065.20	
40 05 19 00-0177 EA 12" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,524.65	570.39
<i>For Class 52 Rating, Deduct</i>	-402.65	
<i>For Class 54 Rating, Add</i>	559.44	
<i>For Class 55 Rating, Add</i>	837.02	
<i>For Class 56 Rating, Add</i>	1,110.94	
40 05 19 00-0178 EA 12" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,684.67	574.11
<i>For Class 52 Rating, Deduct</i>	-419.63	
<i>For Class 54 Rating, Add</i>	582.66	
<i>For Class 55 Rating, Add</i>	871.58	
<i>For Class 56 Rating, Add</i>	1,156.68	
40 05 19 00-0179 EA 12" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,844.69	577.84
<i>For Class 52 Rating, Deduct</i>	-436.61	
<i>For Class 54 Rating, Add</i>	605.88	
<i>For Class 55 Rating, Add</i>	906.14	
<i>For Class 56 Rating, Add</i>	1,202.43	
40 05 19 00-0180 EA 12" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,004.71	581.56
<i>For Class 52 Rating, Deduct</i>	-453.59	
<i>For Class 54 Rating, Add</i>	629.11	
<i>For Class 55 Rating, Add</i>	940.70	
<i>For Class 56 Rating, Add</i>	1,248.17	
40 05 19 00-0181 EA 12" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,164.73	585.29
<i>For Class 52 Rating, Deduct</i>	-470.57	
<i>For Class 54 Rating, Add</i>	652.33	
<i>For Class 55 Rating, Add</i>	975.26	
<i>For Class 56 Rating, Add</i>	1,293.91	
40 05 19 00-0182 EA 12" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,324.74	589.03
<i>For Class 52 Rating, Deduct</i>	-487.55	
<i>For Class 54 Rating, Add</i>	675.55	
<i>For Class 55 Rating, Add</i>	1,009.82	
<i>For Class 56 Rating, Add</i>	1,339.65	
40 05 19 00-0183 EA 12" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,484.75	592.75
<i>For Class 52 Rating, Deduct</i>	-504.53	
<i>For Class 54 Rating, Add</i>	698.77	
<i>For Class 55 Rating, Add</i>	1,044.38	
<i>For Class 56 Rating, Add</i>	1,385.39	
40 05 19 00-0184 EA 12" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,644.77	596.48
<i>For Class 52 Rating, Deduct</i>	-521.51	
<i>For Class 54 Rating, Add</i>	722.00	
<i>For Class 55 Rating, Add</i>	1,078.94	
<i>For Class 56 Rating, Add</i>	1,431.14	
40 05 19 00-0185 EA 12" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,804.79	600.20
<i>For Class 52 Rating, Deduct</i>	-538.49	
<i>For Class 54 Rating, Add</i>	745.22	
<i>For Class 55 Rating, Add</i>	1,113.50	
<i>For Class 56 Rating, Add</i>	1,476.88	
40 05 19 00-0186 EA 12" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,964.81	603.93
<i>For Class 52 Rating, Deduct</i>	-555.47	
<i>For Class 54 Rating, Add</i>	768.44	
<i>For Class 55 Rating, Add</i>	1,148.06	
<i>For Class 56 Rating, Add</i>	1,522.62	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0187	EA	12" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,124.82	607.66
		<i>For Class 52 Rating, Deduct</i>	-572.45	
		<i>For Class 54 Rating, Add</i>	791.67	
		<i>For Class 55 Rating, Add</i>	1,182.62	
		<i>For Class 56 Rating, Add</i>	1,568.36	
40 05 19 00-0188	EA	12" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,284.85	611.39
		<i>For Class 52 Rating, Deduct</i>	-589.44	
		<i>For Class 54 Rating, Add</i>	814.89	
		<i>For Class 55 Rating, Add</i>	1,217.18	
		<i>For Class 56 Rating, Add</i>	1,614.11	
40 05 19 00-0189	EA	12" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,444.87	615.12
		<i>For Class 52 Rating, Deduct</i>	-606.42	
		<i>For Class 54 Rating, Add</i>	838.11	
		<i>For Class 55 Rating, Add</i>	1,251.74	
		<i>For Class 56 Rating, Add</i>	1,659.85	
40 05 19 00-0190	EA	12" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,604.89	618.84
		<i>For Class 52 Rating, Deduct</i>	-623.40	
		<i>For Class 54 Rating, Add</i>	861.34	
		<i>For Class 55 Rating, Add</i>	1,286.30	
		<i>For Class 56 Rating, Add</i>	1,705.59	
40 05 19 00-0191	EA	12" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,764.90	622.57
		<i>For Class 52 Rating, Deduct</i>	-640.38	
		<i>For Class 54 Rating, Add</i>	884.56	
		<i>For Class 55 Rating, Add</i>	1,320.86	
		<i>For Class 56 Rating, Add</i>	1,751.33	
40 05 19 00-0192	EA	12" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,924.92	626.30
		<i>For Class 52 Rating, Deduct</i>	-657.36	
		<i>For Class 54 Rating, Add</i>	907.78	
		<i>For Class 55 Rating, Add</i>	1,355.42	
		<i>For Class 56 Rating, Add</i>	1,797.07	
40 05 19 00-0193	EA	12" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,084.93	630.03
		<i>For Class 52 Rating, Deduct</i>	-674.34	
		<i>For Class 54 Rating, Add</i>	931.01	
		<i>For Class 55 Rating, Add</i>	1,389.98	
		<i>For Class 56 Rating, Add</i>	1,842.82	
40 05 19 00-0194	EA	12" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,244.95	633.76
		<i>For Class 52 Rating, Deduct</i>	-691.32	
		<i>For Class 54 Rating, Add</i>	954.23	
		<i>For Class 55 Rating, Add</i>	1,424.54	
		<i>For Class 56 Rating, Add</i>	1,888.56	
40 05 19 00-0195	EA	12" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,404.97	637.48
		<i>For Class 52 Rating, Deduct</i>	-708.30	
		<i>For Class 54 Rating, Add</i>	977.45	
		<i>For Class 55 Rating, Add</i>	1,459.10	
		<i>For Class 56 Rating, Add</i>	1,934.30	
40 05 19 00-0196	EA	12" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,564.99	641.21
		<i>For Class 52 Rating, Deduct</i>	-725.28	
		<i>For Class 54 Rating, Add</i>	1,000.68	
		<i>For Class 55 Rating, Add</i>	1,493.66	
		<i>For Class 56 Rating, Add</i>	1,980.04	
40 05 19 00-0197	EA	12" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,725.01	644.94
		<i>For Class 52 Rating, Deduct</i>	-742.26	
		<i>For Class 54 Rating, Add</i>	1,023.90	
		<i>For Class 55 Rating, Add</i>	1,528.22	
		<i>For Class 56 Rating, Add</i>	2,025.79	
40 05 19 00-0198	EA	12" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,885.01	648.67
		<i>For Class 52 Rating, Deduct</i>	-759.24	
		<i>For Class 54 Rating, Add</i>	1,047.12	
		<i>For Class 55 Rating, Add</i>	1,562.77	
		<i>For Class 56 Rating, Add</i>	2,071.52	
40 05 19 00-0199	EA	12" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,045.03	652.40
		<i>For Class 52 Rating, Deduct</i>	-776.22	
		<i>For Class 54 Rating, Add</i>	1,070.34	
		<i>For Class 55 Rating, Add</i>	1,597.33	
		<i>For Class 56 Rating, Add</i>	2,117.27	
40 05 19 00-0200	EA	12" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,205.05	656.12
		<i>For Class 52 Rating, Deduct</i>	-793.20	
		<i>For Class 54 Rating, Add</i>	1,093.57	
		<i>For Class 55 Rating, Add</i>	1,631.89	
		<i>For Class 56 Rating, Add</i>	2,163.01	
40 05 19 00-0201	EA	12" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,365.07	659.85
		<i>For Class 52 Rating, Deduct</i>	-810.18	
		<i>For Class 54 Rating, Add</i>	1,116.79	
		<i>For Class 55 Rating, Add</i>	1,666.45	
		<i>For Class 56 Rating, Add</i>	2,208.75	
40 05 19 00-0202	EA	12" Flanged (FxF), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,525.09	663.58
		<i>For Class 52 Rating, Deduct</i>	-827.16	
		<i>For Class 54 Rating, Add</i>	1,140.01	
		<i>For Class 55 Rating, Add</i>	1,701.01	
		<i>For Class 56 Rating, Add</i>	2,254.50	

40 05 19 00-0203 14" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat,
Ductile Iron Pipe (40 05 19 00-0002)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0204 EA 14" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,264.48	626.30
<i>For Class 52 Rating, Deduct</i>	-254.71	
<i>For Class 54 Rating, Add</i>	358.72	
<i>For Class 55 Rating, Add</i>	539.14	
<i>For Class 56 Rating, Add</i>	717.24	
40 05 19 00-0205 EA 14" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,458.32	630.03
<i>For Class 52 Rating, Deduct</i>	-275.41	
<i>For Class 54 Rating, Add</i>	387.01	
<i>For Class 55 Rating, Add</i>	581.24	
<i>For Class 56 Rating, Add</i>	772.97	
40 05 19 00-0206 EA 14" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,652.18	633.76
<i>For Class 52 Rating, Deduct</i>	-296.11	
<i>For Class 54 Rating, Add</i>	415.31	
<i>For Class 55 Rating, Add</i>	623.35	
<i>For Class 56 Rating, Add</i>	828.69	
40 05 19 00-0207 EA 14" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,846.03	637.48
<i>For Class 52 Rating, Deduct</i>	-316.82	
<i>For Class 54 Rating, Add</i>	443.61	
<i>For Class 55 Rating, Add</i>	665.45	
<i>For Class 56 Rating, Add</i>	884.41	
40 05 19 00-0208 EA 14" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,239.88	641.21
<i>For Class 52 Rating, Deduct</i>	-337.52	
<i>For Class 54 Rating, Add</i>	471.91	
<i>For Class 55 Rating, Add</i>	707.56	
<i>For Class 56 Rating, Add</i>	940.14	
40 05 19 00-0209 EA 14" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,233.74	644.94
<i>For Class 52 Rating, Deduct</i>	-358.22	
<i>For Class 54 Rating, Add</i>	500.21	
<i>For Class 55 Rating, Add</i>	749.66	
<i>For Class 56 Rating, Add</i>	995.86	
40 05 19 00-0210 EA 14" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,427.58	648.67
<i>For Class 52 Rating, Deduct</i>	-378.92	
<i>For Class 54 Rating, Add</i>	528.51	
<i>For Class 55 Rating, Add</i>	791.77	
<i>For Class 56 Rating, Add</i>	1,051.58	
40 05 19 00-0211 EA 14" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,621.43	652.40
<i>For Class 52 Rating, Deduct</i>	-399.62	
<i>For Class 54 Rating, Add</i>	556.80	
<i>For Class 55 Rating, Add</i>	833.87	
<i>For Class 56 Rating, Add</i>	1,107.31	
40 05 19 00-0212 EA 14" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,815.28	656.12
<i>For Class 52 Rating, Deduct</i>	-420.33	
<i>For Class 54 Rating, Add</i>	585.10	
<i>For Class 55 Rating, Add</i>	875.98	
<i>For Class 56 Rating, Add</i>	1,163.03	
40 05 19 00-0213 EA 14" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,009.14	659.85
<i>For Class 52 Rating, Deduct</i>	-441.03	
<i>For Class 54 Rating, Add</i>	613.40	
<i>For Class 55 Rating, Add</i>	918.08	
<i>For Class 56 Rating, Add</i>	1,218.75	
40 05 19 00-0214 EA 14" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,202.99	663.58
<i>For Class 52 Rating, Deduct</i>	-461.73	
<i>For Class 54 Rating, Add</i>	641.70	
<i>For Class 55 Rating, Add</i>	960.19	
<i>For Class 56 Rating, Add</i>	1,274.48	
40 05 19 00-0215 EA 14" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,396.84	667.31
<i>For Class 52 Rating, Deduct</i>	-482.43	
<i>For Class 54 Rating, Add</i>	670.00	
<i>For Class 55 Rating, Add</i>	1,002.29	
<i>For Class 56 Rating, Add</i>	1,330.20	
40 05 19 00-0216 EA 14" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,590.69	671.04
<i>For Class 52 Rating, Deduct</i>	-503.14	
<i>For Class 54 Rating, Add</i>	698.30	
<i>For Class 55 Rating, Add</i>	1,044.40	
<i>For Class 56 Rating, Add</i>	1,385.92	
40 05 19 00-0217 EA 14" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,784.54	674.76
<i>For Class 52 Rating, Deduct</i>	-523.84	
<i>For Class 54 Rating, Add</i>	726.59	
<i>For Class 55 Rating, Add</i>	1,086.50	
<i>For Class 56 Rating, Add</i>	1,441.65	
40 05 19 00-0218 EA 14" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,978.39	678.49
<i>For Class 52 Rating, Deduct</i>	-544.54	
<i>For Class 54 Rating, Add</i>	754.89	
<i>For Class 55 Rating, Add</i>	1,128.60	
<i>For Class 56 Rating, Add</i>	1,497.37	
40 05 19 00-0219 EA 14" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,172.25	682.22
<i>For Class 52 Rating, Deduct</i>	-565.24	
<i>For Class 54 Rating, Add</i>	783.19	
<i>For Class 55 Rating, Add</i>	1,170.71	
<i>For Class 56 Rating, Add</i>	1,553.09	
40 05 19 00-0220 EA 14" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,366.10	685.95
<i>For Class 52 Rating, Deduct</i>	-585.95	
<i>For Class 54 Rating, Add</i>	811.49	
<i>For Class 55 Rating, Add</i>	1,212.82	
<i>For Class 56 Rating, Add</i>	1,608.82	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0221	EA		14" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,559.94	689.68
			<i>For Class 52 Rating, Deduct</i>	-606.65	
			<i>For Class 54 Rating, Add</i>	839.79	
			<i>For Class 55 Rating, Add</i>	1,254.92	
			<i>For Class 56 Rating, Add</i>	1,664.54	
40 05 19 00-0222	EA		14" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,753.79	693.40
			<i>For Class 52 Rating, Deduct</i>	-627.35	
			<i>For Class 54 Rating, Add</i>	868.08	
			<i>For Class 55 Rating, Add</i>	1,297.02	
			<i>For Class 56 Rating, Add</i>	1,720.26	
40 05 19 00-0223	EA		14" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,947.65	697.13
			<i>For Class 52 Rating, Deduct</i>	-648.05	
			<i>For Class 54 Rating, Add</i>	896.38	
			<i>For Class 55 Rating, Add</i>	1,339.13	
			<i>For Class 56 Rating, Add</i>	1,775.99	
40 05 19 00-0224	EA		14" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,141.50	700.86
			<i>For Class 52 Rating, Deduct</i>	-668.75	
			<i>For Class 54 Rating, Add</i>	924.68	
			<i>For Class 55 Rating, Add</i>	1,381.23	
			<i>For Class 56 Rating, Add</i>	1,831.71	
40 05 19 00-0225	EA		14" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,335.35	704.59
			<i>For Class 52 Rating, Deduct</i>	-689.46	
			<i>For Class 54 Rating, Add</i>	952.98	
			<i>For Class 55 Rating, Add</i>	1,423.34	
			<i>For Class 56 Rating, Add</i>	1,887.43	
40 05 19 00-0226	EA		14" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,529.21	708.32
			<i>For Class 52 Rating, Deduct</i>	-710.16	
			<i>For Class 54 Rating, Add</i>	981.28	
			<i>For Class 55 Rating, Add</i>	1,465.45	
			<i>For Class 56 Rating, Add</i>	1,943.16	
40 05 19 00-0227	EA		14" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,723.05	712.04
			<i>For Class 52 Rating, Deduct</i>	-730.86	
			<i>For Class 54 Rating, Add</i>	1,009.58	
			<i>For Class 55 Rating, Add</i>	1,507.55	
			<i>For Class 56 Rating, Add</i>	1,998.88	
40 05 19 00-0228	EA		14" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,916.90	715.77
			<i>For Class 52 Rating, Deduct</i>	-751.56	
			<i>For Class 54 Rating, Add</i>	1,037.87	
			<i>For Class 55 Rating, Add</i>	1,549.65	
			<i>For Class 56 Rating, Add</i>	2,054.60	
40 05 19 00-0229	EA		14" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,110.75	719.50
			<i>For Class 52 Rating, Deduct</i>	-772.27	
			<i>For Class 54 Rating, Add</i>	1,066.17	
			<i>For Class 55 Rating, Add</i>	1,591.76	
			<i>For Class 56 Rating, Add</i>	2,110.32	
40 05 19 00-0230	EA		14" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,304.61	723.23
			<i>For Class 52 Rating, Deduct</i>	-792.97	
			<i>For Class 54 Rating, Add</i>	1,094.47	
			<i>For Class 55 Rating, Add</i>	1,633.86	
			<i>For Class 56 Rating, Add</i>	2,166.05	
40 05 19 00-0231	EA		14" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,498.46	726.96
			<i>For Class 52 Rating, Deduct</i>	-813.67	
			<i>For Class 54 Rating, Add</i>	1,122.77	
			<i>For Class 55 Rating, Add</i>	1,675.97	
			<i>For Class 56 Rating, Add</i>	2,221.77	
40 05 19 00-0232	EA		14" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,692.30	730.68
			<i>For Class 52 Rating, Deduct</i>	-834.37	
			<i>For Class 54 Rating, Add</i>	1,151.07	
			<i>For Class 55 Rating, Add</i>	1,718.07	
			<i>For Class 56 Rating, Add</i>	2,277.49	
40 05 19 00-0233	EA		14" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,886.16	734.41
			<i>For Class 52 Rating, Deduct</i>	-855.08	
			<i>For Class 54 Rating, Add</i>	1,179.37	
			<i>For Class 55 Rating, Add</i>	1,760.18	
			<i>For Class 56 Rating, Add</i>	2,333.22	
40 05 19 00-0234	EA		14" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,080.01	738.14
			<i>For Class 52 Rating, Deduct</i>	-875.78	
			<i>For Class 54 Rating, Add</i>	1,207.66	
			<i>For Class 55 Rating, Add</i>	1,802.28	
			<i>For Class 56 Rating, Add</i>	2,388.94	
40 05 19 00-0235	EA		14" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,273.86	741.87
			<i>For Class 52 Rating, Deduct</i>	-896.48	
			<i>For Class 54 Rating, Add</i>	1,235.96	
			<i>For Class 55 Rating, Add</i>	1,844.39	
			<i>For Class 56 Rating, Add</i>	2,444.66	
40 05 19 00-0236	EA		14" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,467.73	745.60
			<i>For Class 52 Rating, Deduct</i>	-917.18	
			<i>For Class 54 Rating, Add</i>	1,264.26	
			<i>For Class 55 Rating, Add</i>	1,886.49	
			<i>For Class 56 Rating, Add</i>	2,500.39	
40 05 19 00-0237	EA		14" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,661.58	749.32
			<i>For Class 52 Rating, Deduct</i>	-937.89	
			<i>For Class 54 Rating, Add</i>	1,292.56	
			<i>For Class 55 Rating, Add</i>	1,928.60	
			<i>For Class 56 Rating, Add</i>	2,556.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0238 EA 14" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,855.42	753.05
<i>For Class 52 Rating, Deduct</i>	-958.59	
<i>For Class 54 Rating, Add</i>	1,320.86	
<i>For Class 55 Rating, Add</i>	1,970.70	
<i>For Class 56 Rating, Add</i>	2,611.83	
40 05 19 00-0239 EA 14" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,049.27	756.78
<i>For Class 52 Rating, Deduct</i>	-979.29	
<i>For Class 54 Rating, Add</i>	1,349.15	
<i>For Class 55 Rating, Add</i>	2,012.81	
<i>For Class 56 Rating, Add</i>	2,667.55	
40 05 19 00-0240 EA 14" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,243.13	760.51
<i>For Class 52 Rating, Deduct</i>	-999.99	
<i>For Class 54 Rating, Add</i>	1,377.45	
<i>For Class 55 Rating, Add</i>	2,054.91	
<i>For Class 56 Rating, Add</i>	2,723.28	
40 05 19 00-0241 EA 14" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,436.98	764.24
<i>For Class 52 Rating, Deduct</i>	-1,020.69	
<i>For Class 54 Rating, Add</i>	1,405.75	
<i>For Class 55 Rating, Add</i>	2,097.02	
<i>For Class 56 Rating, Add</i>	2,779.00	
40 05 19 00-0242 16" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0243 EA 16" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,829.30	715.77
<i>For Class 52 Rating, Deduct</i>	-301.93	
<i>For Class 54 Rating, Add</i>	424.73	
<i>For Class 55 Rating, Add</i>	638.12	
<i>For Class 56 Rating, Add</i>	848.76	
40 05 19 00-0244 EA 16" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,054.88	719.50
<i>For Class 52 Rating, Deduct</i>	-326.12	
<i>For Class 54 Rating, Add</i>	457.79	
<i>For Class 55 Rating, Add</i>	687.30	
<i>For Class 56 Rating, Add</i>	913.84	
40 05 19 00-0245 EA 16" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,280.45	723.23
<i>For Class 52 Rating, Deduct</i>	-350.31	
<i>For Class 54 Rating, Add</i>	490.85	
<i>For Class 55 Rating, Add</i>	736.48	
<i>For Class 56 Rating, Add</i>	978.92	
40 05 19 00-0246 EA 16" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,506.02	726.96
<i>For Class 52 Rating, Deduct</i>	-374.50	
<i>For Class 54 Rating, Add</i>	523.90	
<i>For Class 55 Rating, Add</i>	785.65	
<i>For Class 56 Rating, Add</i>	1,044.00	
40 05 19 00-0247 EA 16" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,731.58	730.68
<i>For Class 52 Rating, Deduct</i>	-398.69	
<i>For Class 54 Rating, Add</i>	556.96	
<i>For Class 55 Rating, Add</i>	834.83	
<i>For Class 56 Rating, Add</i>	1,109.08	
40 05 19 00-0248 EA 16" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,957.16	734.41
<i>For Class 52 Rating, Deduct</i>	-422.89	
<i>For Class 54 Rating, Add</i>	590.02	
<i>For Class 55 Rating, Add</i>	884.01	
<i>For Class 56 Rating, Add</i>	1,174.16	
40 05 19 00-0249 EA 16" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,182.73	738.14
<i>For Class 52 Rating, Deduct</i>	-447.08	
<i>For Class 54 Rating, Add</i>	623.07	
<i>For Class 55 Rating, Add</i>	933.19	
<i>For Class 56 Rating, Add</i>	1,239.24	
40 05 19 00-0250 EA 16" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,408.30	741.87
<i>For Class 52 Rating, Deduct</i>	-471.27	
<i>For Class 54 Rating, Add</i>	656.13	
<i>For Class 55 Rating, Add</i>	982.37	
<i>For Class 56 Rating, Add</i>	1,304.32	
40 05 19 00-0251 EA 16" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,633.88	745.60
<i>For Class 52 Rating, Deduct</i>	-495.46	
<i>For Class 54 Rating, Add</i>	689.18	
<i>For Class 55 Rating, Add</i>	1,031.54	
<i>For Class 56 Rating, Add</i>	1,369.40	
40 05 19 00-0252 EA 16" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,859.46	749.32
<i>For Class 52 Rating, Deduct</i>	-519.65	
<i>For Class 54 Rating, Add</i>	722.24	
<i>For Class 55 Rating, Add</i>	1,080.72	
<i>For Class 56 Rating, Add</i>	1,434.49	
40 05 19 00-0253 EA 16" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,085.02	753.05
<i>For Class 52 Rating, Deduct</i>	-543.84	
<i>For Class 54 Rating, Add</i>	755.30	
<i>For Class 55 Rating, Add</i>	1,129.90	
<i>For Class 56 Rating, Add</i>	1,499.56	
40 05 19 00-0254 EA 16" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,310.59	756.78
<i>For Class 52 Rating, Deduct</i>	-568.03	
<i>For Class 54 Rating, Add</i>	788.35	
<i>For Class 55 Rating, Add</i>	1,179.08	
<i>For Class 56 Rating, Add</i>	1,564.64	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0255	EA		16" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,536.16	760.51
			<i>For Class 52 Rating, Deduct</i>	-592.23	
			<i>For Class 54 Rating, Add</i>	821.41	
			<i>For Class 55 Rating, Add</i>	1,228.26	
			<i>For Class 56 Rating, Add</i>	1,629.72	
40 05 19 00-0256	EA		16" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,761.74	764.24
			<i>For Class 52 Rating, Deduct</i>	-616.42	
			<i>For Class 54 Rating, Add</i>	854.47	
			<i>For Class 55 Rating, Add</i>	1,277.44	
			<i>For Class 56 Rating, Add</i>	1,694.81	
40 05 19 00-0257	EA		16" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,987.31	767.96
			<i>For Class 52 Rating, Deduct</i>	-640.61	
			<i>For Class 54 Rating, Add</i>	887.52	
			<i>For Class 55 Rating, Add</i>	1,326.62	
			<i>For Class 56 Rating, Add</i>	1,759.89	
40 05 19 00-0258	EA		16" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,212.87	771.69
			<i>For Class 52 Rating, Deduct</i>	-664.80	
			<i>For Class 54 Rating, Add</i>	920.58	
			<i>For Class 55 Rating, Add</i>	1,375.79	
			<i>For Class 56 Rating, Add</i>	1,824.97	
40 05 19 00-0259	EA		16" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,438.44	775.42
			<i>For Class 52 Rating, Deduct</i>	-688.99	
			<i>For Class 54 Rating, Add</i>	953.63	
			<i>For Class 55 Rating, Add</i>	1,424.97	
			<i>For Class 56 Rating, Add</i>	1,890.05	
40 05 19 00-0260	EA		16" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,664.02	779.15
			<i>For Class 52 Rating, Deduct</i>	-713.18	
			<i>For Class 54 Rating, Add</i>	986.69	
			<i>For Class 55 Rating, Add</i>	1,474.15	
			<i>For Class 56 Rating, Add</i>	1,955.13	
40 05 19 00-0261	EA		16" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,889.59	782.88
			<i>For Class 52 Rating, Deduct</i>	-737.38	
			<i>For Class 54 Rating, Add</i>	1,019.75	
			<i>For Class 55 Rating, Add</i>	1,523.33	
			<i>For Class 56 Rating, Add</i>	2,020.21	
40 05 19 00-0262	EA		16" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,115.16	786.60
			<i>For Class 52 Rating, Deduct</i>	-761.57	
			<i>For Class 54 Rating, Add</i>	1,052.80	
			<i>For Class 55 Rating, Add</i>	1,572.51	
			<i>For Class 56 Rating, Add</i>	2,085.29	
40 05 19 00-0263	EA		16" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,340.73	790.33
			<i>For Class 52 Rating, Deduct</i>	-785.76	
			<i>For Class 54 Rating, Add</i>	1,085.86	
			<i>For Class 55 Rating, Add</i>	1,621.68	
			<i>For Class 56 Rating, Add</i>	2,150.37	
40 05 19 00-0264	EA		16" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,566.30	794.06
			<i>For Class 52 Rating, Deduct</i>	-809.95	
			<i>For Class 54 Rating, Add</i>	1,118.91	
			<i>For Class 55 Rating, Add</i>	1,670.86	
			<i>For Class 56 Rating, Add</i>	2,215.45	
40 05 19 00-0265	EA		16" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,791.87	797.79
			<i>For Class 52 Rating, Deduct</i>	-834.14	
			<i>For Class 54 Rating, Add</i>	1,151.97	
			<i>For Class 55 Rating, Add</i>	1,720.04	
			<i>For Class 56 Rating, Add</i>	2,280.53	
40 05 19 00-0266	EA		16" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,017.44	801.52
			<i>For Class 52 Rating, Deduct</i>	-858.33	
			<i>For Class 54 Rating, Add</i>	1,185.03	
			<i>For Class 55 Rating, Add</i>	1,769.22	
			<i>For Class 56 Rating, Add</i>	2,345.61	
40 05 19 00-0267	EA		16" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,243.01	805.24
			<i>For Class 52 Rating, Deduct</i>	-882.52	
			<i>For Class 54 Rating, Add</i>	1,218.08	
			<i>For Class 55 Rating, Add</i>	1,818.40	
			<i>For Class 56 Rating, Add</i>	2,410.69	
40 05 19 00-0268	EA		16" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,468.59	808.97
			<i>For Class 52 Rating, Deduct</i>	-906.72	
			<i>For Class 54 Rating, Add</i>	1,251.14	
			<i>For Class 55 Rating, Add</i>	1,867.58	
			<i>For Class 56 Rating, Add</i>	2,475.77	
40 05 19 00-0269	EA		16" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,694.15	812.70
			<i>For Class 52 Rating, Deduct</i>	-930.91	
			<i>For Class 54 Rating, Add</i>	1,284.19	
			<i>For Class 55 Rating, Add</i>	1,916.75	
			<i>For Class 56 Rating, Add</i>	2,540.85	
40 05 19 00-0270	EA		16" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,919.72	816.43
			<i>For Class 52 Rating, Deduct</i>	-955.10	
			<i>For Class 54 Rating, Add</i>	1,317.25	
			<i>For Class 55 Rating, Add</i>	1,965.93	
			<i>For Class 56 Rating, Add</i>	2,605.93	
40 05 19 00-0271	EA		16" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,145.29	820.16
			<i>For Class 52 Rating, Deduct</i>	-979.29	
			<i>For Class 54 Rating, Add</i>	1,350.31	
			<i>For Class 55 Rating, Add</i>	2,015.11	
			<i>For Class 56 Rating, Add</i>	2,671.01	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0272 EA 16" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,370.87	823.88
<i>For Class 52 Rating, Deduct</i>	-1,003.48	
<i>For Class 54 Rating, Add</i>	1,383.36	
<i>For Class 55 Rating, Add</i>	2,064.29	
<i>For Class 56 Rating, Add</i>	2,736.09	
40 05 19 00-0273 EA 16" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,596.44	827.61
<i>For Class 52 Rating, Deduct</i>	-1,027.67	
<i>For Class 54 Rating, Add</i>	1,416.42	
<i>For Class 55 Rating, Add</i>	2,113.47	
<i>For Class 56 Rating, Add</i>	2,801.17	
40 05 19 00-0274 EA 16" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,022.01	831.34
<i>For Class 52 Rating, Deduct</i>	-1,051.86	
<i>For Class 54 Rating, Add</i>	1,449.48	
<i>For Class 55 Rating, Add</i>	2,162.65	
<i>For Class 56 Rating, Add</i>	2,866.25	
40 05 19 00-0275 EA 16" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,027.57	835.07
<i>For Class 52 Rating, Deduct</i>	-1,076.06	
<i>For Class 54 Rating, Add</i>	1,482.53	
<i>For Class 55 Rating, Add</i>	2,211.82	
<i>For Class 56 Rating, Add</i>	2,931.33	
40 05 19 00-0276 EA 16" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,273.15	838.80
<i>For Class 52 Rating, Deduct</i>	-1,100.25	
<i>For Class 54 Rating, Add</i>	1,515.59	
<i>For Class 55 Rating, Add</i>	2,261.00	
<i>For Class 56 Rating, Add</i>	2,996.42	
40 05 19 00-0277 EA 16" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,498.72	842.52
<i>For Class 52 Rating, Deduct</i>	-1,124.44	
<i>For Class 54 Rating, Add</i>	1,548.64	
<i>For Class 55 Rating, Add</i>	2,310.18	
<i>For Class 56 Rating, Add</i>	3,061.50	
40 05 19 00-0278 EA 16" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,724.29	846.25
<i>For Class 52 Rating, Deduct</i>	-1,148.63	
<i>For Class 54 Rating, Add</i>	1,581.70	
<i>For Class 55 Rating, Add</i>	2,359.36	
<i>For Class 56 Rating, Add</i>	3,126.58	
40 05 19 00-0279 EA 16" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,949.86	849.98
<i>For Class 52 Rating, Deduct</i>	-1,172.82	
<i>For Class 54 Rating, Add</i>	1,614.76	
<i>For Class 55 Rating, Add</i>	2,408.54	
<i>For Class 56 Rating, Add</i>	3,191.66	
40 05 19 00-0280 EA 16" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,175.43	853.71
<i>For Class 52 Rating, Deduct</i>	-1,197.01	
<i>For Class 54 Rating, Add</i>	1,647.81	
<i>For Class 55 Rating, Add</i>	2,457.72	
<i>For Class 56 Rating, Add</i>	3,256.74	
40 05 19 00-0281 18" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0282 EA 18" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,457.73	806.74
<i>For Class 52 Rating, Deduct</i>	-355.89	
<i>For Class 54 Rating, Add</i>	499.98	
<i>For Class 55 Rating, Add</i>	750.83	
<i>For Class 56 Rating, Add</i>	998.45	
40 05 19 00-0283 EA 18" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,717.13	810.46
<i>For Class 52 Rating, Deduct</i>	-383.81	
<i>For Class 54 Rating, Add</i>	538.11	
<i>For Class 55 Rating, Add</i>	807.55	
<i>For Class 56 Rating, Add</i>	1,073.51	
40 05 19 00-0284 EA 18" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,976.53	814.19
<i>For Class 52 Rating, Deduct</i>	-411.72	
<i>For Class 54 Rating, Add</i>	576.24	
<i>For Class 55 Rating, Add</i>	864.28	
<i>For Class 56 Rating, Add</i>	1,148.57	
40 05 19 00-0285 EA 18" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,235.94	817.92
<i>For Class 52 Rating, Deduct</i>	-439.63	
<i>For Class 54 Rating, Add</i>	614.37	
<i>For Class 55 Rating, Add</i>	921.00	
<i>For Class 56 Rating, Add</i>	1,223.63	
40 05 19 00-0286 EA 18" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,495.35	821.65
<i>For Class 52 Rating, Deduct</i>	-467.55	
<i>For Class 54 Rating, Add</i>	652.50	
<i>For Class 55 Rating, Add</i>	977.72	
<i>For Class 56 Rating, Add</i>	1,298.69	
40 05 19 00-0287 EA 18" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,754.75	825.38
<i>For Class 52 Rating, Deduct</i>	-495.46	
<i>For Class 54 Rating, Add</i>	690.63	
<i>For Class 55 Rating, Add</i>	1,034.45	
<i>For Class 56 Rating, Add</i>	1,373.75	
40 05 19 00-0288 EA 18" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,014.15	829.10
<i>For Class 52 Rating, Deduct</i>	-523.37	
<i>For Class 54 Rating, Add</i>	728.77	
<i>For Class 55 Rating, Add</i>	1,091.17	
<i>For Class 56 Rating, Add</i>	1,448.82	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0289	EA		18" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,273.56	832.83
			<i>For Class 52 Rating, Deduct</i>	-551.29	
			<i>For Class 54 Rating, Add</i>	766.90	
			<i>For Class 55 Rating, Add</i>	1,147.89	
			<i>For Class 56 Rating, Add</i>	1,523.88	
40 05 19 00-0290	EA		18" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,532.96	836.56
			<i>For Class 52 Rating, Deduct</i>	-579.20	
			<i>For Class 54 Rating, Add</i>	805.03	
			<i>For Class 55 Rating, Add</i>	1,204.62	
			<i>For Class 56 Rating, Add</i>	1,598.94	
40 05 19 00-0291	EA		18" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,792.37	840.29
			<i>For Class 52 Rating, Deduct</i>	-607.11	
			<i>For Class 54 Rating, Add</i>	843.16	
			<i>For Class 55 Rating, Add</i>	1,261.34	
			<i>For Class 56 Rating, Add</i>	1,674.00	
40 05 19 00-0292	EA		18" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,051.78	844.02
			<i>For Class 52 Rating, Deduct</i>	-635.03	
			<i>For Class 54 Rating, Add</i>	881.29	
			<i>For Class 55 Rating, Add</i>	1,318.06	
			<i>For Class 56 Rating, Add</i>	1,749.06	
40 05 19 00-0293	EA		18" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,311.18	847.74
			<i>For Class 52 Rating, Deduct</i>	-662.94	
			<i>For Class 54 Rating, Add</i>	919.42	
			<i>For Class 55 Rating, Add</i>	1,374.79	
			<i>For Class 56 Rating, Add</i>	1,824.12	
40 05 19 00-0294	EA		18" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,570.58	851.47
			<i>For Class 52 Rating, Deduct</i>	-690.85	
			<i>For Class 54 Rating, Add</i>	957.55	
			<i>For Class 55 Rating, Add</i>	1,431.51	
			<i>For Class 56 Rating, Add</i>	1,899.19	
40 05 19 00-0295	EA		18" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,830.00	855.20
			<i>For Class 52 Rating, Deduct</i>	-718.77	
			<i>For Class 54 Rating, Add</i>	995.69	
			<i>For Class 55 Rating, Add</i>	1,488.23	
			<i>For Class 56 Rating, Add</i>	1,974.25	
40 05 19 00-0296	EA		18" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,089.40	858.93
			<i>For Class 52 Rating, Deduct</i>	-746.68	
			<i>For Class 54 Rating, Add</i>	1,033.82	
			<i>For Class 55 Rating, Add</i>	1,544.96	
			<i>For Class 56 Rating, Add</i>	2,049.31	
40 05 19 00-0297	EA		18" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,348.81	862.66
			<i>For Class 52 Rating, Deduct</i>	-774.59	
			<i>For Class 54 Rating, Add</i>	1,071.95	
			<i>For Class 55 Rating, Add</i>	1,601.68	
			<i>For Class 56 Rating, Add</i>	2,124.37	
40 05 19 00-0298	EA		18" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,608.22	866.38
			<i>For Class 52 Rating, Deduct</i>	-802.51	
			<i>For Class 54 Rating, Add</i>	1,110.08	
			<i>For Class 55 Rating, Add</i>	1,658.40	
			<i>For Class 56 Rating, Add</i>	2,199.43	
40 05 19 00-0299	EA		18" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,867.61	870.11
			<i>For Class 52 Rating, Deduct</i>	-830.42	
			<i>For Class 54 Rating, Add</i>	1,148.21	
			<i>For Class 55 Rating, Add</i>	1,715.13	
			<i>For Class 56 Rating, Add</i>	2,274.49	
40 05 19 00-0300	EA		18" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,127.02	873.84
			<i>For Class 52 Rating, Deduct</i>	-858.33	
			<i>For Class 54 Rating, Add</i>	1,186.34	
			<i>For Class 55 Rating, Add</i>	1,771.85	
			<i>For Class 56 Rating, Add</i>	2,349.55	
40 05 19 00-0301	EA		18" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,386.43	877.57
			<i>For Class 52 Rating, Deduct</i>	-886.25	
			<i>For Class 54 Rating, Add</i>	1,224.47	
			<i>For Class 55 Rating, Add</i>	1,828.57	
			<i>For Class 56 Rating, Add</i>	2,424.62	
40 05 19 00-0302	EA		18" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,645.84	881.30
			<i>For Class 52 Rating, Deduct</i>	-914.16	
			<i>For Class 54 Rating, Add</i>	1,262.60	
			<i>For Class 55 Rating, Add</i>	1,885.30	
			<i>For Class 56 Rating, Add</i>	2,499.68	
40 05 19 00-0303	EA		18" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,905.24	885.02
			<i>For Class 52 Rating, Deduct</i>	-942.07	
			<i>For Class 54 Rating, Add</i>	1,300.73	
			<i>For Class 55 Rating, Add</i>	1,942.02	
			<i>For Class 56 Rating, Add</i>	2,574.74	
40 05 19 00-0304	EA		18" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,164.65	888.75
			<i>For Class 52 Rating, Deduct</i>	-969.99	
			<i>For Class 54 Rating, Add</i>	1,338.87	
			<i>For Class 55 Rating, Add</i>	1,998.74	
			<i>For Class 56 Rating, Add</i>	2,649.80	
40 05 19 00-0305	EA		18" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,424.05	892.48
			<i>For Class 52 Rating, Deduct</i>	-997.90	
			<i>For Class 54 Rating, Add</i>	1,377.00	
			<i>For Class 55 Rating, Add</i>	2,055.47	
			<i>For Class 56 Rating, Add</i>	2,724.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0306 EA 18" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,683.45	896.21
<i>For Class 52 Rating, Deduct</i>	-1,025.81	
<i>For Class 54 Rating, Add</i>	1,415.13	
<i>For Class 55 Rating, Add</i>	2,112.19	
<i>For Class 56 Rating, Add</i>	2,799.92	
40 05 19 00-0307 EA 18" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,942.86	899.94
<i>For Class 52 Rating, Deduct</i>	-1,053.73	
<i>For Class 54 Rating, Add</i>	1,453.26	
<i>For Class 55 Rating, Add</i>	2,168.91	
<i>For Class 56 Rating, Add</i>	2,874.99	
40 05 19 00-0308 EA 18" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,202.27	903.66
<i>For Class 52 Rating, Deduct</i>	-1,081.64	
<i>For Class 54 Rating, Add</i>	1,491.39	
<i>For Class 55 Rating, Add</i>	2,225.64	
<i>For Class 56 Rating, Add</i>	2,950.05	
40 05 19 00-0309 EA 18" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,461.67	907.39
<i>For Class 52 Rating, Deduct</i>	-1,109.55	
<i>For Class 54 Rating, Add</i>	1,529.52	
<i>For Class 55 Rating, Add</i>	2,282.36	
<i>For Class 56 Rating, Add</i>	3,025.11	
40 05 19 00-0310 EA 18" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,721.07	911.12
<i>For Class 52 Rating, Deduct</i>	-1,137.46	
<i>For Class 54 Rating, Add</i>	1,567.65	
<i>For Class 55 Rating, Add</i>	2,339.08	
<i>For Class 56 Rating, Add</i>	3,100.17	
40 05 19 00-0311 EA 18" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,980.48	914.85
<i>For Class 52 Rating, Deduct</i>	-1,165.38	
<i>For Class 54 Rating, Add</i>	1,605.79	
<i>For Class 55 Rating, Add</i>	2,395.81	
<i>For Class 56 Rating, Add</i>	3,175.23	
40 05 19 00-0312 EA 18" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,239.88	918.58
<i>For Class 52 Rating, Deduct</i>	-1,193.29	
<i>For Class 54 Rating, Add</i>	1,643.92	
<i>For Class 55 Rating, Add</i>	2,452.53	
<i>For Class 56 Rating, Add</i>	3,250.29	
40 05 19 00-0313 EA 18" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,499.29	922.30
<i>For Class 52 Rating, Deduct</i>	-1,221.20	
<i>For Class 54 Rating, Add</i>	1,682.05	
<i>For Class 55 Rating, Add</i>	2,509.25	
<i>For Class 56 Rating, Add</i>	3,325.36	
40 05 19 00-0314 EA 18" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,758.70	926.03
<i>For Class 52 Rating, Deduct</i>	-1,249.12	
<i>For Class 54 Rating, Add</i>	1,720.18	
<i>For Class 55 Rating, Add</i>	2,565.98	
<i>For Class 56 Rating, Add</i>	3,400.42	
40 05 19 00-0315 EA 18" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,018.10	929.76
<i>For Class 52 Rating, Deduct</i>	-1,277.03	
<i>For Class 54 Rating, Add</i>	1,758.31	
<i>For Class 55 Rating, Add</i>	2,622.70	
<i>For Class 56 Rating, Add</i>	3,475.48	
40 05 19 00-0316 EA 18" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,277.50	933.49
<i>For Class 52 Rating, Deduct</i>	-1,304.94	
<i>For Class 54 Rating, Add</i>	1,796.44	
<i>For Class 55 Rating, Add</i>	2,679.42	
<i>For Class 56 Rating, Add</i>	3,550.54	
40 05 19 00-0317 EA 18" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,536.91	937.22
<i>For Class 52 Rating, Deduct</i>	-1,332.86	
<i>For Class 54 Rating, Add</i>	1,834.57	
<i>For Class 55 Rating, Add</i>	2,736.15	
<i>For Class 56 Rating, Add</i>	3,625.60	
40 05 19 00-0318 EA 18" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,796.31	940.94
<i>For Class 52 Rating, Deduct</i>	-1,360.77	
<i>For Class 54 Rating, Add</i>	1,872.70	
<i>For Class 55 Rating, Add</i>	2,792.87	
<i>For Class 56 Rating, Add</i>	3,700.66	
40 05 19 00-0319 EA 18" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,055.72	944.67
<i>For Class 52 Rating, Deduct</i>	-1,388.68	
<i>For Class 54 Rating, Add</i>	1,910.84	
<i>For Class 55 Rating, Add</i>	2,849.59	
<i>For Class 56 Rating, Add</i>	3,775.73	
 40 05 19 00-0320 20" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0321 EA 20" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,220.55	920.81
<i>For Class 52 Rating, Deduct</i>	-420.79	
<i>For Class 54 Rating, Add</i>	590.55	
<i>For Class 55 Rating, Add</i>	886.54	
<i>For Class 56 Rating, Add</i>	1,178.71	
40 05 19 00-0322 EA 20" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,518.02	924.54
<i>For Class 52 Rating, Deduct</i>	-452.89	
<i>For Class 54 Rating, Add</i>	634.39	
<i>For Class 55 Rating, Add</i>	951.76	
<i>For Class 56 Rating, Add</i>	1,265.00	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0323	EA		20" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,815.49	928.27
			<i>For Class 52 Rating, Deduct</i>	-484.99	
			<i>For Class 54 Rating, Add</i>	678.23	
			<i>For Class 55 Rating, Add</i>	1,016.97	
			<i>For Class 56 Rating, Add</i>	1,351.29	
40 05 19 00-0324	EA		20" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,112.96	932.00
			<i>For Class 52 Rating, Deduct</i>	-517.09	
			<i>For Class 54 Rating, Add</i>	722.07	
			<i>For Class 55 Rating, Add</i>	1,082.18	
			<i>For Class 56 Rating, Add</i>	1,437.58	
40 05 19 00-0325	EA		20" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,410.42	935.72
			<i>For Class 52 Rating, Deduct</i>	-549.19	
			<i>For Class 54 Rating, Add</i>	765.91	
			<i>For Class 55 Rating, Add</i>	1,147.39	
			<i>For Class 56 Rating, Add</i>	1,523.87	
40 05 19 00-0326	EA		20" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,807.90	939.45
			<i>For Class 52 Rating, Deduct</i>	-581.29	
			<i>For Class 54 Rating, Add</i>	809.75	
			<i>For Class 55 Rating, Add</i>	1,212.60	
			<i>For Class 56 Rating, Add</i>	1,610.17	
40 05 19 00-0327	EA		20" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,005.37	943.18
			<i>For Class 52 Rating, Deduct</i>	-613.39	
			<i>For Class 54 Rating, Add</i>	853.60	
			<i>For Class 55 Rating, Add</i>	1,277.81	
			<i>For Class 56 Rating, Add</i>	1,696.46	
40 05 19 00-0328	EA		20" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,302.84	946.91
			<i>For Class 52 Rating, Deduct</i>	-645.49	
			<i>For Class 54 Rating, Add</i>	897.44	
			<i>For Class 55 Rating, Add</i>	1,343.03	
			<i>For Class 56 Rating, Add</i>	1,782.75	
40 05 19 00-0329	EA		20" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,600.31	950.64
			<i>For Class 52 Rating, Deduct</i>	-677.59	
			<i>For Class 54 Rating, Add</i>	941.28	
			<i>For Class 55 Rating, Add</i>	1,408.24	
			<i>For Class 56 Rating, Add</i>	1,869.04	
40 05 19 00-0330	EA		20" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,897.78	954.36
			<i>For Class 52 Rating, Deduct</i>	-709.69	
			<i>For Class 54 Rating, Add</i>	985.12	
			<i>For Class 55 Rating, Add</i>	1,473.45	
			<i>For Class 56 Rating, Add</i>	1,955.33	
40 05 19 00-0331	EA		20" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,195.24	958.09
			<i>For Class 52 Rating, Deduct</i>	-741.79	
			<i>For Class 54 Rating, Add</i>	1,028.96	
			<i>For Class 55 Rating, Add</i>	1,538.66	
			<i>For Class 56 Rating, Add</i>	2,041.62	
40 05 19 00-0332	EA		20" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,492.71	961.82
			<i>For Class 52 Rating, Deduct</i>	-773.90	
			<i>For Class 54 Rating, Add</i>	1,072.80	
			<i>For Class 55 Rating, Add</i>	1,603.87	
			<i>For Class 56 Rating, Add</i>	2,127.91	
40 05 19 00-0333	EA		20" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,790.18	965.55
			<i>For Class 52 Rating, Deduct</i>	-806.00	
			<i>For Class 54 Rating, Add</i>	1,116.64	
			<i>For Class 55 Rating, Add</i>	1,669.08	
			<i>For Class 56 Rating, Add</i>	2,214.20	
40 05 19 00-0334	EA		20" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,087.65	969.28
			<i>For Class 52 Rating, Deduct</i>	-838.10	
			<i>For Class 54 Rating, Add</i>	1,160.48	
			<i>For Class 55 Rating, Add</i>	1,734.29	
			<i>For Class 56 Rating, Add</i>	2,300.49	
40 05 19 00-0335	EA		20" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,385.12	973.00
			<i>For Class 52 Rating, Deduct</i>	-870.20	
			<i>For Class 54 Rating, Add</i>	1,204.32	
			<i>For Class 55 Rating, Add</i>	1,799.51	
			<i>For Class 56 Rating, Add</i>	2,386.78	
40 05 19 00-0336	EA		20" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,682.58	976.73
			<i>For Class 52 Rating, Deduct</i>	-902.30	
			<i>For Class 54 Rating, Add</i>	1,248.16	
			<i>For Class 55 Rating, Add</i>	1,864.72	
			<i>For Class 56 Rating, Add</i>	2,473.07	
40 05 19 00-0337	EA		20" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,980.05	980.46
			<i>For Class 52 Rating, Deduct</i>	-934.40	
			<i>For Class 54 Rating, Add</i>	1,292.00	
			<i>For Class 55 Rating, Add</i>	1,929.93	
			<i>For Class 56 Rating, Add</i>	2,559.36	
40 05 19 00-0338	EA		20" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,277.52	984.19
			<i>For Class 52 Rating, Deduct</i>	-966.50	
			<i>For Class 54 Rating, Add</i>	1,335.84	
			<i>For Class 55 Rating, Add</i>	1,995.14	
			<i>For Class 56 Rating, Add</i>	2,645.65	
40 05 19 00-0339	EA		20" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,574.99	987.92
			<i>For Class 52 Rating, Deduct</i>	-998.60	
			<i>For Class 54 Rating, Add</i>	1,379.68	
			<i>For Class 55 Rating, Add</i>	2,060.35	
			<i>For Class 56 Rating, Add</i>	2,731.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0340 EA 20" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,872.46	991.64
<i>For Class 52 Rating, Deduct</i>	-1,030.70	
<i>For Class 54 Rating, Add</i>	1,423.53	
<i>For Class 55 Rating, Add</i>	2,125.56	
<i>For Class 56 Rating, Add</i>	2,818.23	
40 05 19 00-0341 EA 20" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,169.93	995.37
<i>For Class 52 Rating, Deduct</i>	-1,062.80	
<i>For Class 54 Rating, Add</i>	1,467.37	
<i>For Class 55 Rating, Add</i>	2,190.77	
<i>For Class 56 Rating, Add</i>	2,904.52	
40 05 19 00-0342 EA 20" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,467.39	999.10
<i>For Class 52 Rating, Deduct</i>	-1,094.90	
<i>For Class 54 Rating, Add</i>	1,511.21	
<i>For Class 55 Rating, Add</i>	2,255.99	
<i>For Class 56 Rating, Add</i>	2,990.81	
40 05 19 00-0343 EA 20" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,764.86	1,002.83
<i>For Class 52 Rating, Deduct</i>	-1,127.00	
<i>For Class 54 Rating, Add</i>	1,555.05	
<i>For Class 55 Rating, Add</i>	2,321.20	
<i>For Class 56 Rating, Add</i>	3,077.10	
40 05 19 00-0344 EA 20" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,062.33	1,006.56
<i>For Class 52 Rating, Deduct</i>	-1,159.10	
<i>For Class 54 Rating, Add</i>	1,598.89	
<i>For Class 55 Rating, Add</i>	2,386.41	
<i>For Class 56 Rating, Add</i>	3,163.39	
40 05 19 00-0345 EA 20" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,359.80	1,010.28
<i>For Class 52 Rating, Deduct</i>	-1,191.20	
<i>For Class 54 Rating, Add</i>	1,642.73	
<i>For Class 55 Rating, Add</i>	2,451.62	
<i>For Class 56 Rating, Add</i>	3,249.68	
40 05 19 00-0346 EA 20" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,657.27	1,014.01
<i>For Class 52 Rating, Deduct</i>	-1,223.30	
<i>For Class 54 Rating, Add</i>	1,686.57	
<i>For Class 55 Rating, Add</i>	2,516.83	
<i>For Class 56 Rating, Add</i>	3,335.97	
40 05 19 00-0347 EA 20" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,954.74	1,017.74
<i>For Class 52 Rating, Deduct</i>	-1,255.40	
<i>For Class 54 Rating, Add</i>	1,730.41	
<i>For Class 55 Rating, Add</i>	2,582.04	
<i>For Class 56 Rating, Add</i>	3,422.26	
40 05 19 00-0348 EA 20" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,252.21	1,021.47
<i>For Class 52 Rating, Deduct</i>	-1,287.50	
<i>For Class 54 Rating, Add</i>	1,774.25	
<i>For Class 55 Rating, Add</i>	2,647.25	
<i>For Class 56 Rating, Add</i>	3,508.55	
40 05 19 00-0349 EA 20" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,549.68	1,025.20
<i>For Class 52 Rating, Deduct</i>	-1,319.60	
<i>For Class 54 Rating, Add</i>	1,818.09	
<i>For Class 55 Rating, Add</i>	2,712.47	
<i>For Class 56 Rating, Add</i>	3,594.84	
40 05 19 00-0350 EA 20" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,847.15	1,028.92
<i>For Class 52 Rating, Deduct</i>	-1,351.70	
<i>For Class 54 Rating, Add</i>	1,861.93	
<i>For Class 55 Rating, Add</i>	2,777.68	
<i>For Class 56 Rating, Add</i>	3,681.13	
40 05 19 00-0351 EA 20" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,144.62	1,032.65
<i>For Class 52 Rating, Deduct</i>	-1,383.80	
<i>For Class 54 Rating, Add</i>	1,905.77	
<i>For Class 55 Rating, Add</i>	2,842.89	
<i>For Class 56 Rating, Add</i>	3,767.42	
40 05 19 00-0352 EA 20" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,442.09	1,036.38
<i>For Class 52 Rating, Deduct</i>	-1,415.90	
<i>For Class 54 Rating, Add</i>	1,949.61	
<i>For Class 55 Rating, Add</i>	2,908.10	
<i>For Class 56 Rating, Add</i>	3,853.71	
40 05 19 00-0353 EA 20" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,739.55	1,040.11
<i>For Class 52 Rating, Deduct</i>	-1,448.00	
<i>For Class 54 Rating, Add</i>	1,993.46	
<i>For Class 55 Rating, Add</i>	2,973.31	
<i>For Class 56 Rating, Add</i>	3,940.00	
40 05 19 00-0354 EA 20" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,037.02	1,043.83
<i>For Class 52 Rating, Deduct</i>	-1,480.10	
<i>For Class 54 Rating, Add</i>	2,037.30	
<i>For Class 55 Rating, Add</i>	3,038.52	
<i>For Class 56 Rating, Add</i>	4,026.29	
40 05 19 00-0355 EA 20" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,334.49	1,047.56
<i>For Class 52 Rating, Deduct</i>	-1,512.20	
<i>For Class 54 Rating, Add</i>	2,081.14	
<i>For Class 55 Rating, Add</i>	3,103.73	
<i>For Class 56 Rating, Add</i>	4,112.58	
40 05 19 00-0356 EA 20" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,631.97	1,051.29
<i>For Class 52 Rating, Deduct</i>	-1,544.30	
<i>For Class 54 Rating, Add</i>	2,124.98	
<i>For Class 55 Rating, Add</i>	3,168.95	
<i>For Class 56 Rating, Add</i>	4,198.88	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0357	EA		20" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,929.44	1,055.02
			<i>For Class 52 Rating, Deduct</i>	-1,576.40	
			<i>For Class 54 Rating, Add</i>	2,168.82	
			<i>For Class 55 Rating, Add</i>	3,234.16	
			<i>For Class 56 Rating, Add</i>	4,285.17	
40 05 19 00-0358	EA		20" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,226.90	1,058.75
			<i>For Class 52 Rating, Deduct</i>	-1,608.50	
			<i>For Class 54 Rating, Add</i>	2,212.66	
			<i>For Class 55 Rating, Add</i>	3,299.37	
			<i>For Class 56 Rating, Add</i>	4,371.46	
40 05 19 00-0359			24" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0360	EA		24" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,424.21	1,088.57
			<i>For Class 52 Rating, Deduct</i>	-525.23	
			<i>For Class 54 Rating, Add</i>	736.02	
			<i>For Class 55 Rating, Add</i>	1,104.38	
			<i>For Class 56 Rating, Add</i>	1,467.96	
40 05 19 00-0361	EA		24" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,791.46	1,092.30
			<i>For Class 52 Rating, Deduct</i>	-565.01	
			<i>For Class 54 Rating, Add</i>	790.33	
			<i>For Class 55 Rating, Add</i>	1,185.15	
			<i>For Class 56 Rating, Add</i>	1,574.84	
40 05 19 00-0362	EA		24" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,158.71	1,096.03
			<i>For Class 52 Rating, Deduct</i>	-604.79	
			<i>For Class 54 Rating, Add</i>	844.64	
			<i>For Class 55 Rating, Add</i>	1,265.92	
			<i>For Class 56 Rating, Add</i>	1,681.71	
40 05 19 00-0363	EA		24" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,525.96	1,099.75
			<i>For Class 52 Rating, Deduct</i>	-644.56	
			<i>For Class 54 Rating, Add</i>	898.95	
			<i>For Class 55 Rating, Add</i>	1,346.70	
			<i>For Class 56 Rating, Add</i>	1,788.59	
40 05 19 00-0364	EA		24" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,893.21	1,103.48
			<i>For Class 52 Rating, Deduct</i>	-684.34	
			<i>For Class 54 Rating, Add</i>	953.25	
			<i>For Class 55 Rating, Add</i>	1,427.47	
			<i>For Class 56 Rating, Add</i>	1,895.46	
40 05 19 00-0365	EA		24" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,260.46	1,107.21
			<i>For Class 52 Rating, Deduct</i>	-724.12	
			<i>For Class 54 Rating, Add</i>	1,007.56	
			<i>For Class 55 Rating, Add</i>	1,508.24	
			<i>For Class 56 Rating, Add</i>	2,002.34	
40 05 19 00-0366	EA		24" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,627.72	1,110.94
			<i>For Class 52 Rating, Deduct</i>	-763.89	
			<i>For Class 54 Rating, Add</i>	1,061.87	
			<i>For Class 55 Rating, Add</i>	1,589.02	
			<i>For Class 56 Rating, Add</i>	2,109.22	
40 05 19 00-0367	EA		24" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,994.97	1,114.67
			<i>For Class 52 Rating, Deduct</i>	-803.67	
			<i>For Class 54 Rating, Add</i>	1,116.18	
			<i>For Class 55 Rating, Add</i>	1,669.79	
			<i>For Class 56 Rating, Add</i>	2,216.09	
40 05 19 00-0368	EA		24" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,362.22	1,118.39
			<i>For Class 52 Rating, Deduct</i>	-843.44	
			<i>For Class 54 Rating, Add</i>	1,170.49	
			<i>For Class 55 Rating, Add</i>	1,750.56	
			<i>For Class 56 Rating, Add</i>	2,322.97	
40 05 19 00-0369	EA		24" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,729.47	1,122.12
			<i>For Class 52 Rating, Deduct</i>	-883.22	
			<i>For Class 54 Rating, Add</i>	1,224.80	
			<i>For Class 55 Rating, Add</i>	1,831.34	
			<i>For Class 56 Rating, Add</i>	2,429.85	
40 05 19 00-0370	EA		24" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,096.72	1,125.85
			<i>For Class 52 Rating, Deduct</i>	-923.00	
			<i>For Class 54 Rating, Add</i>	1,279.10	
			<i>For Class 55 Rating, Add</i>	1,912.11	
			<i>For Class 56 Rating, Add</i>	2,536.72	
40 05 19 00-0371	EA		24" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,463.98	1,129.58
			<i>For Class 52 Rating, Deduct</i>	-962.78	
			<i>For Class 54 Rating, Add</i>	1,333.41	
			<i>For Class 55 Rating, Add</i>	1,992.88	
			<i>For Class 56 Rating, Add</i>	2,643.60	
40 05 19 00-0372	EA		24" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,831.23	1,133.31
			<i>For Class 52 Rating, Deduct</i>	-1,002.55	
			<i>For Class 54 Rating, Add</i>	1,387.72	
			<i>For Class 55 Rating, Add</i>	2,073.66	
			<i>For Class 56 Rating, Add</i>	2,750.48	
40 05 19 00-0373	EA		24" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,198.48	1,137.03
			<i>For Class 52 Rating, Deduct</i>	-1,042.33	
			<i>For Class 54 Rating, Add</i>	1,442.03	
			<i>For Class 55 Rating, Add</i>	2,154.43	
			<i>For Class 56 Rating, Add</i>	2,857.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0374 EA 24" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,565.73	1,140.76
<i>For Class 52 Rating, Deduct</i>	-1,082.10	
<i>For Class 54 Rating, Add</i>	1,496.34	
<i>For Class 55 Rating, Add</i>	2,235.20	
<i>For Class 56 Rating, Add</i>	2,964.23	
40 05 19 00-0375 EA 24" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,932.98	1,144.49
<i>For Class 52 Rating, Deduct</i>	-1,121.88	
<i>For Class 54 Rating, Add</i>	1,550.65	
<i>For Class 55 Rating, Add</i>	2,315.97	
<i>For Class 56 Rating, Add</i>	3,071.10	
40 05 19 00-0376 EA 24" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,300.23	1,148.22
<i>For Class 52 Rating, Deduct</i>	-1,161.66	
<i>For Class 54 Rating, Add</i>	1,604.95	
<i>For Class 55 Rating, Add</i>	2,396.75	
<i>For Class 56 Rating, Add</i>	3,177.98	
40 05 19 00-0377 EA 24" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,667.50	1,151.95
<i>For Class 52 Rating, Deduct</i>	-1,201.43	
<i>For Class 54 Rating, Add</i>	1,659.26	
<i>For Class 55 Rating, Add</i>	2,477.52	
<i>For Class 56 Rating, Add</i>	3,284.86	
40 05 19 00-0378 EA 24" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,034.75	1,155.67
<i>For Class 52 Rating, Deduct</i>	-1,241.21	
<i>For Class 54 Rating, Add</i>	1,713.57	
<i>For Class 55 Rating, Add</i>	2,558.29	
<i>For Class 56 Rating, Add</i>	3,391.73	
40 05 19 00-0379 EA 24" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,402.00	1,159.40
<i>For Class 52 Rating, Deduct</i>	-1,280.99	
<i>For Class 54 Rating, Add</i>	1,767.88	
<i>For Class 55 Rating, Add</i>	2,639.07	
<i>For Class 56 Rating, Add</i>	3,498.61	
40 05 19 00-0380 EA 24" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,769.25	1,163.13
<i>For Class 52 Rating, Deduct</i>	-1,320.76	
<i>For Class 54 Rating, Add</i>	1,822.19	
<i>For Class 55 Rating, Add</i>	2,719.84	
<i>For Class 56 Rating, Add</i>	3,605.49	
40 05 19 00-0381 EA 24" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,136.50	1,166.86
<i>For Class 52 Rating, Deduct</i>	-1,360.54	
<i>For Class 54 Rating, Add</i>	1,876.50	
<i>For Class 55 Rating, Add</i>	2,800.61	
<i>For Class 56 Rating, Add</i>	3,712.36	
40 05 19 00-0382 EA 24" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,503.75	1,170.59
<i>For Class 52 Rating, Deduct</i>	-1,400.31	
<i>For Class 54 Rating, Add</i>	1,930.80	
<i>For Class 55 Rating, Add</i>	2,881.39	
<i>For Class 56 Rating, Add</i>	3,819.24	
40 05 19 00-0383 EA 24" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,871.01	1,174.31
<i>For Class 52 Rating, Deduct</i>	-1,440.09	
<i>For Class 54 Rating, Add</i>	1,985.11	
<i>For Class 55 Rating, Add</i>	2,962.16	
<i>For Class 56 Rating, Add</i>	3,926.12	
40 05 19 00-0384 EA 24" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,238.26	1,178.04
<i>For Class 52 Rating, Deduct</i>	-1,479.87	
<i>For Class 54 Rating, Add</i>	2,039.42	
<i>For Class 55 Rating, Add</i>	3,042.93	
<i>For Class 56 Rating, Add</i>	4,032.99	
40 05 19 00-0385 EA 24" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,605.50	1,181.77
<i>For Class 52 Rating, Deduct</i>	-1,519.64	
<i>For Class 54 Rating, Add</i>	2,093.73	
<i>For Class 55 Rating, Add</i>	3,123.71	
<i>For Class 56 Rating, Add</i>	4,139.87	
40 05 19 00-0386 EA 24" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,972.76	1,185.50
<i>For Class 52 Rating, Deduct</i>	-1,559.42	
<i>For Class 54 Rating, Add</i>	2,148.04	
<i>For Class 55 Rating, Add</i>	3,204.48	
<i>For Class 56 Rating, Add</i>	4,246.75	
40 05 19 00-0387 EA 24" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,340.01	1,189.23
<i>For Class 52 Rating, Deduct</i>	-1,599.20	
<i>For Class 54 Rating, Add</i>	2,202.34	
<i>For Class 55 Rating, Add</i>	3,285.25	
<i>For Class 56 Rating, Add</i>	4,353.62	
40 05 19 00-0388 EA 24" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,707.26	1,192.95
<i>For Class 52 Rating, Deduct</i>	-1,638.97	
<i>For Class 54 Rating, Add</i>	2,256.65	
<i>For Class 55 Rating, Add</i>	3,366.02	
<i>For Class 56 Rating, Add</i>	4,460.50	
40 05 19 00-0389 EA 24" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,170.54	1,260.06
<i>For Class 52 Rating, Deduct</i>	-1,678.75	
<i>For Class 54 Rating, Add</i>	2,312.11	
<i>For Class 55 Rating, Add</i>	3,449.10	
<i>For Class 56 Rating, Add</i>	4,570.83	
40 05 19 00-0390 EA 24" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,537.78	1,263.79
<i>For Class 52 Rating, Deduct</i>	-1,718.53	
<i>For Class 54 Rating, Add</i>	2,366.42	
<i>For Class 55 Rating, Add</i>	3,529.88	
<i>For Class 56 Rating, Add</i>	4,677.71	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0391	EA	24"	Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,905.03	1,267.51
			<i>For Class 52 Rating, Deduct</i>	-1,758.30	
			<i>For Class 54 Rating, Add</i>	2,420.73	
			<i>For Class 55 Rating, Add</i>	3,610.65	
			<i>For Class 56 Rating, Add</i>	4,784.58	
40 05 19 00-0392	EA	24"	Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,272.29	1,271.24
			<i>For Class 52 Rating, Deduct</i>	-1,798.08	
			<i>For Class 54 Rating, Add</i>	2,475.04	
			<i>For Class 55 Rating, Add</i>	3,691.42	
			<i>For Class 56 Rating, Add</i>	4,891.46	
40 05 19 00-0393	EA	24"	Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,639.54	1,274.97
			<i>For Class 52 Rating, Deduct</i>	-1,837.85	
			<i>For Class 54 Rating, Add</i>	2,529.35	
			<i>For Class 55 Rating, Add</i>	3,772.20	
			<i>For Class 56 Rating, Add</i>	4,998.34	
40 05 19 00-0394	EA	24"	Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,006.79	1,278.70
			<i>For Class 52 Rating, Deduct</i>	-1,877.63	
			<i>For Class 54 Rating, Add</i>	2,583.65	
			<i>For Class 55 Rating, Add</i>	3,852.97	
			<i>For Class 56 Rating, Add</i>	5,105.21	
40 05 19 00-0395	EA	24"	Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,374.05	1,282.43
			<i>For Class 52 Rating, Deduct</i>	-1,917.41	
			<i>For Class 54 Rating, Add</i>	2,637.96	
			<i>For Class 55 Rating, Add</i>	3,933.74	
			<i>For Class 56 Rating, Add</i>	5,212.09	
40 05 19 00-0396	EA	24"	Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,741.30	1,286.15
			<i>For Class 52 Rating, Deduct</i>	-1,957.18	
			<i>For Class 54 Rating, Add</i>	2,692.27	
			<i>For Class 55 Rating, Add</i>	4,014.51	
			<i>For Class 56 Rating, Add</i>	5,318.97	
40 05 19 00-0397	EA	24"	Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,108.55	1,289.88
			<i>For Class 52 Rating, Deduct</i>	-1,996.96	
			<i>For Class 54 Rating, Add</i>	2,746.58	
			<i>For Class 55 Rating, Add</i>	4,095.29	
			<i>For Class 56 Rating, Add</i>	5,425.84	
40 05 19 00-0398			30" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0399	EA	30"	Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,918.72	1,535.93
			<i>For Class 52 Rating, Deduct</i>	-835.07	
			<i>For Class 54 Rating, Add</i>	1,166.66	
			<i>For Class 55 Rating, Add</i>	1,748.77	
			<i>For Class 56 Rating, Add</i>	2,323.29	
40 05 19 00-0400	EA	30"	Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,446.68	1,539.66
			<i>For Class 52 Rating, Deduct</i>	-892.53	
			<i>For Class 54 Rating, Add</i>	1,245.07	
			<i>For Class 55 Rating, Add</i>	1,865.38	
			<i>For Class 56 Rating, Add</i>	2,477.57	
40 05 19 00-0401	EA	30"	Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,974.65	1,543.39
			<i>For Class 52 Rating, Deduct</i>	-949.98	
			<i>For Class 54 Rating, Add</i>	1,323.49	
			<i>For Class 55 Rating, Add</i>	1,981.99	
			<i>For Class 56 Rating, Add</i>	2,631.86	
40 05 19 00-0402	EA	30"	Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,502.62	1,547.11
			<i>For Class 52 Rating, Deduct</i>	-1,007.44	
			<i>For Class 54 Rating, Add</i>	1,401.91	
			<i>For Class 55 Rating, Add</i>	2,098.61	
			<i>For Class 56 Rating, Add</i>	2,786.15	
40 05 19 00-0403	EA	30"	Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,030.58	1,550.84
			<i>For Class 52 Rating, Deduct</i>	-1,064.89	
			<i>For Class 54 Rating, Add</i>	1,480.32	
			<i>For Class 55 Rating, Add</i>	2,215.22	
			<i>For Class 56 Rating, Add</i>	2,940.43	
40 05 19 00-0404	EA	30"	Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,558.54	1,554.57
			<i>For Class 52 Rating, Deduct</i>	-1,122.35	
			<i>For Class 54 Rating, Add</i>	1,558.74	
			<i>For Class 55 Rating, Add</i>	2,331.83	
			<i>For Class 56 Rating, Add</i>	3,094.72	
40 05 19 00-0405	EA	30"	Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,086.51	1,558.30
			<i>For Class 52 Rating, Deduct</i>	-1,179.80	
			<i>For Class 54 Rating, Add</i>	1,637.15	
			<i>For Class 55 Rating, Add</i>	2,448.44	
			<i>For Class 56 Rating, Add</i>	3,249.01	
40 05 19 00-0406	EA	30"	Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,614.48	1,562.03
			<i>For Class 52 Rating, Deduct</i>	-1,237.25	
			<i>For Class 54 Rating, Add</i>	1,715.57	
			<i>For Class 55 Rating, Add</i>	2,565.05	
			<i>For Class 56 Rating, Add</i>	3,403.29	
40 05 19 00-0407	EA	30"	Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,142.45	1,565.75
			<i>For Class 52 Rating, Deduct</i>	-1,294.71	
			<i>For Class 54 Rating, Add</i>	1,793.98	
			<i>For Class 55 Rating, Add</i>	2,681.67	
			<i>For Class 56 Rating, Add</i>	3,557.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0408 EA 30" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,670.41	1,569.48
<i>For Class 52 Rating, Deduct</i>	-1,352.16	
<i>For Class 54 Rating, Add</i>	1,872.40	
<i>For Class 55 Rating, Add</i>	2,798.28	
<i>For Class 56 Rating, Add</i>	3,711.87	
40 05 19 00-0409 EA 30" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,198.37	1,573.21
<i>For Class 52 Rating, Deduct</i>	-1,409.62	
<i>For Class 54 Rating, Add</i>	1,950.81	
<i>For Class 55 Rating, Add</i>	2,914.89	
<i>For Class 56 Rating, Add</i>	3,866.15	
40 05 19 00-0410 EA 30" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,726.33	1,576.94
<i>For Class 52 Rating, Deduct</i>	-1,467.07	
<i>For Class 54 Rating, Add</i>	2,029.23	
<i>For Class 55 Rating, Add</i>	3,031.50	
<i>For Class 56 Rating, Add</i>	4,020.44	
40 05 19 00-0411 EA 30" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,254.30	1,580.67
<i>For Class 52 Rating, Deduct</i>	-1,524.53	
<i>For Class 54 Rating, Add</i>	2,107.64	
<i>For Class 55 Rating, Add</i>	3,148.11	
<i>For Class 56 Rating, Add</i>	4,174.73	
40 05 19 00-0412 EA 30" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,782.27	1,584.39
<i>For Class 52 Rating, Deduct</i>	-1,581.98	
<i>For Class 54 Rating, Add</i>	2,186.06	
<i>For Class 55 Rating, Add</i>	3,264.73	
<i>For Class 56 Rating, Add</i>	4,329.01	
40 05 19 00-0413 EA 30" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,310.23	1,588.12
<i>For Class 52 Rating, Deduct</i>	-1,639.44	
<i>For Class 54 Rating, Add</i>	2,264.47	
<i>For Class 55 Rating, Add</i>	3,381.34	
<i>For Class 56 Rating, Add</i>	4,483.30	
40 05 19 00-0414 EA 30" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,838.20	1,591.85
<i>For Class 52 Rating, Deduct</i>	-1,696.89	
<i>For Class 54 Rating, Add</i>	2,342.89	
<i>For Class 55 Rating, Add</i>	3,497.95	
<i>For Class 56 Rating, Add</i>	4,637.59	
40 05 19 00-0415 EA 30" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,366.15	1,595.58
<i>For Class 52 Rating, Deduct</i>	-1,754.35	
<i>For Class 54 Rating, Add</i>	2,421.30	
<i>For Class 55 Rating, Add</i>	3,614.56	
<i>For Class 56 Rating, Add</i>	4,791.87	
40 05 19 00-0416 EA 30" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,894.12	1,599.31
<i>For Class 52 Rating, Deduct</i>	-1,811.80	
<i>For Class 54 Rating, Add</i>	2,499.72	
<i>For Class 55 Rating, Add</i>	3,731.17	
<i>For Class 56 Rating, Add</i>	4,946.16	
40 05 19 00-0417 EA 30" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,422.09	1,603.03
<i>For Class 52 Rating, Deduct</i>	-1,869.26	
<i>For Class 54 Rating, Add</i>	2,578.13	
<i>For Class 55 Rating, Add</i>	3,847.79	
<i>For Class 56 Rating, Add</i>	5,100.45	
40 05 19 00-0418 EA 30" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,950.05	1,606.76
<i>For Class 52 Rating, Deduct</i>	-1,926.71	
<i>For Class 54 Rating, Add</i>	2,656.55	
<i>For Class 55 Rating, Add</i>	3,964.40	
<i>For Class 56 Rating, Add</i>	5,254.73	
40 05 19 00-0419 EA 30" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,478.02	1,610.49
<i>For Class 52 Rating, Deduct</i>	-1,984.17	
<i>For Class 54 Rating, Add</i>	2,734.96	
<i>For Class 55 Rating, Add</i>	4,081.01	
<i>For Class 56 Rating, Add</i>	5,409.02	
40 05 19 00-0420 EA 30" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,005.98	1,614.22
<i>For Class 52 Rating, Deduct</i>	-2,041.62	
<i>For Class 54 Rating, Add</i>	2,813.38	
<i>For Class 55 Rating, Add</i>	4,197.62	
<i>For Class 56 Rating, Add</i>	5,563.31	
40 05 19 00-0421 EA 30" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,533.94	1,617.95
<i>For Class 52 Rating, Deduct</i>	-2,099.08	
<i>For Class 54 Rating, Add</i>	2,891.79	
<i>For Class 55 Rating, Add</i>	4,314.23	
<i>For Class 56 Rating, Add</i>	5,717.59	
40 05 19 00-0422 EA 30" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,061.91	1,621.67
<i>For Class 52 Rating, Deduct</i>	-2,156.53	
<i>For Class 54 Rating, Add</i>	2,970.21	
<i>For Class 55 Rating, Add</i>	4,430.85	
<i>For Class 56 Rating, Add</i>	5,871.88	
40 05 19 00-0423 EA 30" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,587.76	1,625.40
<i>For Class 52 Rating, Deduct</i>	-2,213.75	
<i>For Class 54 Rating, Add</i>	3,048.31	
<i>For Class 55 Rating, Add</i>	4,546.99	
<i>For Class 56 Rating, Add</i>	6,025.54	
40 05 19 00-0424 EA 30" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,117.84	1,629.13
<i>For Class 52 Rating, Deduct</i>	-2,271.44	
<i>For Class 54 Rating, Add</i>	3,127.04	
<i>For Class 55 Rating, Add</i>	4,664.07	
<i>For Class 56 Rating, Add</i>	6,180.45	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0425	EA		30" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,645.81	1,632.86
			<i>For Class 52 Rating, Deduct</i>	-2,328.90	
			<i>For Class 54 Rating, Add</i>	3,205.46	
			<i>For Class 55 Rating, Add</i>	4,780.68	
			<i>For Class 56 Rating, Add</i>	6,334.74	
40 05 19 00-0426	EA		30" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,173.76	1,636.59
			<i>For Class 52 Rating, Deduct</i>	-2,386.35	
			<i>For Class 54 Rating, Add</i>	3,283.87	
			<i>For Class 55 Rating, Add</i>	4,897.29	
			<i>For Class 56 Rating, Add</i>	6,489.02	
40 05 19 00-0427	EA		30" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,701.73	1,640.31
			<i>For Class 52 Rating, Deduct</i>	-2,443.81	
			<i>For Class 54 Rating, Add</i>	3,362.29	
			<i>For Class 55 Rating, Add</i>	5,013.91	
			<i>For Class 56 Rating, Add</i>	6,643.31	
40 05 19 00-0428	EA		30" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,229.69	1,644.04
			<i>For Class 52 Rating, Deduct</i>	-2,501.26	
			<i>For Class 54 Rating, Add</i>	3,440.70	
			<i>For Class 55 Rating, Add</i>	5,130.52	
			<i>For Class 56 Rating, Add</i>	6,797.60	
40 05 19 00-0429	EA		30" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,757.66	1,647.77
			<i>For Class 52 Rating, Deduct</i>	-2,558.71	
			<i>For Class 54 Rating, Add</i>	3,519.12	
			<i>For Class 55 Rating, Add</i>	5,247.13	
			<i>For Class 56 Rating, Add</i>	6,951.89	
40 05 19 00-0430	EA		30" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,285.63	1,651.50
			<i>For Class 52 Rating, Deduct</i>	-2,616.17	
			<i>For Class 54 Rating, Add</i>	3,597.53	
			<i>For Class 55 Rating, Add</i>	5,363.74	
			<i>For Class 56 Rating, Add</i>	7,106.17	
40 05 19 00-0431	EA		30" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,813.58	1,655.23
			<i>For Class 52 Rating, Deduct</i>	-2,673.62	
			<i>For Class 54 Rating, Add</i>	3,675.95	
			<i>For Class 55 Rating, Add</i>	5,480.35	
			<i>For Class 56 Rating, Add</i>	7,260.46	
40 05 19 00-0432	EA		30" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,341.55	1,658.95
			<i>For Class 52 Rating, Deduct</i>	-2,731.08	
			<i>For Class 54 Rating, Add</i>	3,754.36	
			<i>For Class 55 Rating, Add</i>	5,596.97	
			<i>For Class 56 Rating, Add</i>	7,414.75	
40 05 19 00-0433	EA		30" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,869.51	1,662.68
			<i>For Class 52 Rating, Deduct</i>	-2,788.53	
			<i>For Class 54 Rating, Add</i>	3,832.78	
			<i>For Class 55 Rating, Add</i>	5,713.58	
			<i>For Class 56 Rating, Add</i>	7,569.03	
40 05 19 00-0434	EA		30" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,397.48	1,666.41
			<i>For Class 52 Rating, Deduct</i>	-2,845.99	
			<i>For Class 54 Rating, Add</i>	3,911.19	
			<i>For Class 55 Rating, Add</i>	5,830.19	
			<i>For Class 56 Rating, Add</i>	7,723.32	
40 05 19 00-0435	EA		30" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,925.45	1,670.14
			<i>For Class 52 Rating, Deduct</i>	-2,903.44	
			<i>For Class 54 Rating, Add</i>	3,989.61	
			<i>For Class 55 Rating, Add</i>	5,946.80	
			<i>For Class 56 Rating, Add</i>	7,877.61	
40 05 19 00-0436	EA		30" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,453.41	1,673.87
			<i>For Class 52 Rating, Deduct</i>	-2,960.90	
			<i>For Class 54 Rating, Add</i>	4,068.02	
			<i>For Class 55 Rating, Add</i>	6,063.41	
			<i>For Class 56 Rating, Add</i>	8,031.89	
40 05 19 00-0437			36" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0438	EA		36" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,811.40	1,946.01
			<i>For Class 52 Rating, Deduct</i>	-1,194.92	
			<i>For Class 54 Rating, Add</i>	1,664.82	
			<i>For Class 55 Rating, Add</i>	2,493.19	
			<i>For Class 56 Rating, Add</i>	3,310.70	
40 05 19 00-0439	EA		36" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,527.56	1,949.74
			<i>For Class 52 Rating, Deduct</i>	-1,273.08	
			<i>For Class 54 Rating, Add</i>	1,771.46	
			<i>For Class 55 Rating, Add</i>	2,651.77	
			<i>For Class 56 Rating, Add</i>	3,520.51	
40 05 19 00-0440	EA		36" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,243.73	1,953.46
			<i>For Class 52 Rating, Deduct</i>	-1,351.23	
			<i>For Class 54 Rating, Add</i>	1,878.11	
			<i>For Class 55 Rating, Add</i>	2,810.35	
			<i>For Class 56 Rating, Add</i>	3,730.31	
40 05 19 00-0441	EA		36" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,959.90	1,957.19
			<i>For Class 52 Rating, Deduct</i>	-1,429.39	
			<i>For Class 54 Rating, Add</i>	1,984.75	
			<i>For Class 55 Rating, Add</i>	2,968.94	
			<i>For Class 56 Rating, Add</i>	3,940.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0442 EA 36" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,676.07	1,960.92
<i>For Class 52 Rating, Deduct</i>	-1,507.55	
<i>For Class 54 Rating, Add</i>	2,091.40	
<i>For Class 55 Rating, Add</i>	3,127.52	
<i>For Class 56 Rating, Add</i>	4,149.93	
40 05 19 00-0443 EA 36" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,392.24	1,964.65
<i>For Class 52 Rating, Deduct</i>	-1,585.71	
<i>For Class 54 Rating, Add</i>	2,198.05	
<i>For Class 55 Rating, Add</i>	3,286.10	
<i>For Class 56 Rating, Add</i>	4,359.74	
40 05 19 00-0444 EA 36" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,108.41	1,968.38
<i>For Class 52 Rating, Deduct</i>	-1,663.86	
<i>For Class 54 Rating, Add</i>	2,304.69	
<i>For Class 55 Rating, Add</i>	3,444.68	
<i>For Class 56 Rating, Add</i>	4,569.54	
40 05 19 00-0445 EA 36" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,524.58	1,972.10
<i>For Class 52 Rating, Deduct</i>	-1,742.02	
<i>For Class 54 Rating, Add</i>	2,411.34	
<i>For Class 55 Rating, Add</i>	3,603.26	
<i>For Class 56 Rating, Add</i>	4,779.35	
40 05 19 00-0446 EA 36" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,540.75	1,975.83
<i>For Class 52 Rating, Deduct</i>	-1,820.18	
<i>For Class 54 Rating, Add</i>	2,517.98	
<i>For Class 55 Rating, Add</i>	3,761.84	
<i>For Class 56 Rating, Add</i>	4,989.16	
40 05 19 00-0447 EA 36" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,256.92	1,979.56
<i>For Class 52 Rating, Deduct</i>	-1,898.33	
<i>For Class 54 Rating, Add</i>	2,624.63	
<i>For Class 55 Rating, Add</i>	3,920.42	
<i>For Class 56 Rating, Add</i>	5,198.96	
40 05 19 00-0448 EA 36" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,973.08	1,983.29
<i>For Class 52 Rating, Deduct</i>	-1,976.49	
<i>For Class 54 Rating, Add</i>	2,731.27	
<i>For Class 55 Rating, Add</i>	4,079.01	
<i>For Class 56 Rating, Add</i>	5,408.77	
40 05 19 00-0449 EA 36" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,689.25	1,987.02
<i>For Class 52 Rating, Deduct</i>	-2,054.65	
<i>For Class 54 Rating, Add</i>	2,837.92	
<i>For Class 55 Rating, Add</i>	4,237.59	
<i>For Class 56 Rating, Add</i>	5,618.58	
40 05 19 00-0450 EA 36" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,405.41	1,990.74
<i>For Class 52 Rating, Deduct</i>	-2,132.80	
<i>For Class 54 Rating, Add</i>	2,944.56	
<i>For Class 55 Rating, Add</i>	4,396.17	
<i>For Class 56 Rating, Add</i>	5,828.38	
40 05 19 00-0451 EA 36" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,121.58	1,994.47
<i>For Class 52 Rating, Deduct</i>	-2,210.96	
<i>For Class 54 Rating, Add</i>	3,051.21	
<i>For Class 55 Rating, Add</i>	4,554.75	
<i>For Class 56 Rating, Add</i>	6,038.19	
40 05 19 00-0452 EA 36" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,837.75	1,998.20
<i>For Class 52 Rating, Deduct</i>	-2,289.12	
<i>For Class 54 Rating, Add</i>	3,157.86	
<i>For Class 55 Rating, Add</i>	4,713.33	
<i>For Class 56 Rating, Add</i>	6,247.99	
40 05 19 00-0453 EA 36" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,553.92	2,001.93
<i>For Class 52 Rating, Deduct</i>	-2,367.28	
<i>For Class 54 Rating, Add</i>	3,264.50	
<i>For Class 55 Rating, Add</i>	4,871.91	
<i>For Class 56 Rating, Add</i>	6,457.80	
40 05 19 00-0454 EA 36" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,270.08	2,005.66
<i>For Class 52 Rating, Deduct</i>	-2,445.43	
<i>For Class 54 Rating, Add</i>	3,371.15	
<i>For Class 55 Rating, Add</i>	5,030.49	
<i>For Class 56 Rating, Add</i>	6,667.61	
40 05 19 00-0455 EA 36" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,986.25	2,009.38
<i>For Class 52 Rating, Deduct</i>	-2,523.59	
<i>For Class 54 Rating, Add</i>	3,477.79	
<i>For Class 55 Rating, Add</i>	5,189.07	
<i>For Class 56 Rating, Add</i>	6,877.41	
40 05 19 00-0456 EA 36" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,702.42	2,013.11
<i>For Class 52 Rating, Deduct</i>	-2,601.75	
<i>For Class 54 Rating, Add</i>	3,584.44	
<i>For Class 55 Rating, Add</i>	5,347.66	
<i>For Class 56 Rating, Add</i>	7,087.22	
40 05 19 00-0457 EA 36" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,418.59	2,016.84
<i>For Class 52 Rating, Deduct</i>	-2,679.90	
<i>For Class 54 Rating, Add</i>	3,691.09	
<i>For Class 55 Rating, Add</i>	5,506.24	
<i>For Class 56 Rating, Add</i>	7,297.03	
40 05 19 00-0458 EA 36" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,134.76	2,020.57
<i>For Class 52 Rating, Deduct</i>	-2,758.06	
<i>For Class 54 Rating, Add</i>	3,797.73	
<i>For Class 55 Rating, Add</i>	5,664.82	
<i>For Class 56 Rating, Add</i>	7,506.83	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0459	EA		36" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,850.92	2,024.30
			<i>For Class 52 Rating, Deduct</i>	-2,836.22	
			<i>For Class 54 Rating, Add</i>	3,904.38	
			<i>For Class 55 Rating, Add</i>	5,823.40	
			<i>For Class 56 Rating, Add</i>	7,716.64	
40 05 19 00-0460	EA		36" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,567.08	2,028.02
			<i>For Class 52 Rating, Deduct</i>	-2,914.38	
			<i>For Class 54 Rating, Add</i>	4,011.02	
			<i>For Class 55 Rating, Add</i>	5,981.98	
			<i>For Class 56 Rating, Add</i>	7,926.44	
40 05 19 00-0461	EA		36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,283.25	2,031.75
			<i>For Class 52 Rating, Deduct</i>	-2,992.53	
			<i>For Class 54 Rating, Add</i>	4,117.67	
			<i>For Class 55 Rating, Add</i>	6,140.56	
			<i>For Class 56 Rating, Add</i>	8,136.25	
40 05 19 00-0462	EA		36" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,999.42	2,035.48
			<i>For Class 52 Rating, Deduct</i>	-3,070.69	
			<i>For Class 54 Rating, Add</i>	4,224.31	
			<i>For Class 55 Rating, Add</i>	6,299.14	
			<i>For Class 56 Rating, Add</i>	8,346.06	
40 05 19 00-0463	EA		36" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,715.59	2,039.21
			<i>For Class 52 Rating, Deduct</i>	-3,148.85	
			<i>For Class 54 Rating, Add</i>	4,330.96	
			<i>For Class 55 Rating, Add</i>	6,457.72	
			<i>For Class 56 Rating, Add</i>	8,555.86	
40 05 19 00-0464	EA		36" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,431.76	2,042.94
			<i>For Class 52 Rating, Deduct</i>	-3,227.00	
			<i>For Class 54 Rating, Add</i>	4,437.60	
			<i>For Class 55 Rating, Add</i>	6,616.31	
			<i>For Class 56 Rating, Add</i>	8,765.67	
40 05 19 00-0465	EA		36" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,147.92	2,046.66
			<i>For Class 52 Rating, Deduct</i>	-3,305.16	
			<i>For Class 54 Rating, Add</i>	4,544.25	
			<i>For Class 55 Rating, Add</i>	6,774.89	
			<i>For Class 56 Rating, Add</i>	8,975.48	
40 05 19 00-0466	EA		36" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,864.09	2,050.39
			<i>For Class 52 Rating, Deduct</i>	-3,383.32	
			<i>For Class 54 Rating, Add</i>	4,650.90	
			<i>For Class 55 Rating, Add</i>	6,933.47	
			<i>For Class 56 Rating, Add</i>	9,185.28	
40 05 19 00-0467	EA		36" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,580.26	2,054.12
			<i>For Class 52 Rating, Deduct</i>	-3,461.48	
			<i>For Class 54 Rating, Add</i>	4,757.54	
			<i>For Class 55 Rating, Add</i>	7,092.05	
			<i>For Class 56 Rating, Add</i>	9,395.09	
40 05 19 00-0468	EA		36" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,296.43	2,057.85
			<i>For Class 52 Rating, Deduct</i>	-3,539.63	
			<i>For Class 54 Rating, Add</i>	4,864.19	
			<i>For Class 55 Rating, Add</i>	7,250.63	
			<i>For Class 56 Rating, Add</i>	9,604.90	
40 05 19 00-0469	EA		36" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,012.60	2,061.58
			<i>For Class 52 Rating, Deduct</i>	-3,617.79	
			<i>For Class 54 Rating, Add</i>	4,970.83	
			<i>For Class 55 Rating, Add</i>	7,409.21	
			<i>For Class 56 Rating, Add</i>	9,814.70	
40 05 19 00-0470	EA		36" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,728.76	2,065.30
			<i>For Class 52 Rating, Deduct</i>	-3,695.95	
			<i>For Class 54 Rating, Add</i>	5,077.48	
			<i>For Class 55 Rating, Add</i>	7,567.79	
			<i>For Class 56 Rating, Add</i>	10,024.51	
40 05 19 00-0471	EA		36" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,444.92	2,069.03
			<i>For Class 52 Rating, Deduct</i>	-3,774.10	
			<i>For Class 54 Rating, Add</i>	5,184.12	
			<i>For Class 55 Rating, Add</i>	7,726.37	
			<i>For Class 56 Rating, Add</i>	10,234.31	
40 05 19 00-0472	EA		36" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,161.09	2,072.76
			<i>For Class 52 Rating, Deduct</i>	-3,852.26	
			<i>For Class 54 Rating, Add</i>	5,290.77	
			<i>For Class 55 Rating, Add</i>	7,884.96	
			<i>For Class 56 Rating, Add</i>	10,444.12	
40 05 19 00-0473	EA		36" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,877.26	2,076.49
			<i>For Class 52 Rating, Deduct</i>	-3,930.42	
			<i>For Class 54 Rating, Add</i>	5,397.41	
			<i>For Class 55 Rating, Add</i>	8,043.54	
			<i>For Class 56 Rating, Add</i>	10,653.93	
40 05 19 00-0474	EA		36" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,593.43	2,080.22
			<i>For Class 52 Rating, Deduct</i>	-4,008.57	
			<i>For Class 54 Rating, Add</i>	5,504.06	
			<i>For Class 55 Rating, Add</i>	8,202.12	
			<i>For Class 56 Rating, Add</i>	10,863.74	
40 05 19 00-0475	EA		36" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,309.60	2,083.94
			<i>For Class 52 Rating, Deduct</i>	-4,086.73	
			<i>For Class 54 Rating, Add</i>	5,610.71	
			<i>For Class 55 Rating, Add</i>	8,360.70	
			<i>For Class 56 Rating, Add</i>	11,073.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0476 42" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0477 EA 42" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,208.32	2,453.02
For Class 52 Rating, Deduct	-1,594.08	
For Class 54 Rating, Add	2,218.34	
For Class 55 Rating, Add	3,320.83	
For Class 56 Rating, Add	4,408.83	
40 05 19 00-0478 EA 42" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,275.51	2,456.74
For Class 52 Rating, Deduct	-1,710.85	
For Class 54 Rating, Add	2,377.64	
For Class 55 Rating, Add	3,557.70	
For Class 56 Rating, Add	4,722.19	
40 05 19 00-0479 EA 42" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,330.02	2,460.47
For Class 52 Rating, Deduct	-1,826.22	
For Class 54 Rating, Add	2,535.04	
For Class 55 Rating, Add	3,791.73	
For Class 56 Rating, Add	5,031.81	
40 05 19 00-0480 EA 42" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,395.10	2,464.19
For Class 52 Rating, Deduct	-1,942.76	
For Class 54 Rating, Add	2,694.02	
For Class 55 Rating, Add	4,028.11	
For Class 56 Rating, Add	5,344.54	
40 05 19 00-0481 EA 42" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,449.61	2,467.93
For Class 52 Rating, Deduct	-2,058.14	
For Class 54 Rating, Add	2,851.42	
For Class 55 Rating, Add	4,262.15	
For Class 56 Rating, Add	5,654.16	
40 05 19 00-0482 EA 42" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,516.81	2,471.66
For Class 52 Rating, Deduct	-2,174.91	
For Class 54 Rating, Add	3,010.72	
For Class 55 Rating, Add	4,499.01	
For Class 56 Rating, Add	5,967.52	
40 05 19 00-0483 EA 42" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,569.21	2,475.38
For Class 52 Rating, Deduct	-2,290.05	
For Class 54 Rating, Add	3,167.80	
For Class 55 Rating, Add	4,732.57	
For Class 56 Rating, Add	6,276.52	
40 05 19 00-0484 EA 42" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,636.40	2,479.11
For Class 52 Rating, Deduct	-2,406.82	
For Class 54 Rating, Add	3,327.10	
For Class 55 Rating, Add	4,969.43	
For Class 56 Rating, Add	6,589.88	
40 05 19 00-0485 EA 42" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,690.91	2,482.83
For Class 52 Rating, Deduct	-2,522.19	
For Class 54 Rating, Add	3,484.50	
For Class 55 Rating, Add	5,203.46	
For Class 56 Rating, Add	6,899.49	
40 05 19 00-0486 EA 42" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,756.00	2,486.57
For Class 52 Rating, Deduct	-2,638.73	
For Class 54 Rating, Add	3,643.48	
For Class 55 Rating, Add	5,439.85	
For Class 56 Rating, Add	7,212.23	
40 05 19 00-0487 EA 42" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,810.51	2,490.30
For Class 52 Rating, Deduct	-2,754.11	
For Class 54 Rating, Add	3,800.88	
For Class 55 Rating, Add	5,673.88	
For Class 56 Rating, Add	7,521.85	
40 05 19 00-0488 EA 42" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,875.59	2,494.02
For Class 52 Rating, Deduct	-2,870.64	
For Class 54 Rating, Add	3,959.86	
For Class 55 Rating, Add	5,910.27	
For Class 56 Rating, Add	7,834.58	
40 05 19 00-0489 EA 42" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,930.09	2,497.75
For Class 52 Rating, Deduct	-2,986.02	
For Class 54 Rating, Add	4,117.26	
For Class 55 Rating, Add	6,144.30	
For Class 56 Rating, Add	8,144.20	
40 05 19 00-0490 EA 42" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,986.72	2,501.47
For Class 52 Rating, Deduct	-3,101.63	
For Class 54 Rating, Add	4,274.97	
For Class 55 Rating, Add	6,378.81	
For Class 56 Rating, Add	8,454.44	
40 05 19 00-0491 EA 42" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,049.70	2,505.21
For Class 52 Rating, Deduct	-3,217.93	
For Class 54 Rating, Add	4,433.64	
For Class 55 Rating, Add	6,614.72	
For Class 56 Rating, Add	8,766.56	
40 05 19 00-0492 EA 42" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,104.21	2,508.94
For Class 52 Rating, Deduct	-3,333.31	
For Class 54 Rating, Add	4,591.04	
For Class 55 Rating, Add	6,848.76	
For Class 56 Rating, Add	9,076.17	
40 05 19 00-0493 EA 42" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,171.41	2,512.66
For Class 52 Rating, Deduct	-3,450.08	
For Class 54 Rating, Add	4,750.34	
For Class 55 Rating, Add	7,085.62	
For Class 56 Rating, Add	9,389.53	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0494	EA	42" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,225.92	2,516.39
		<i>For Class 52 Rating, Deduct</i>	-3,565.45	
		<i>For Class 54 Rating, Add</i>	4,907.73	
		<i>For Class 55 Rating, Add</i>	7,319.65	
		<i>For Class 56 Rating, Add</i>	9,699.15	
40 05 19 00-0495	EA	42" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,291.00	2,520.11
		<i>For Class 52 Rating, Deduct</i>	-3,681.99	
		<i>For Class 54 Rating, Add</i>	5,066.72	
		<i>For Class 55 Rating, Add</i>	7,556.04	
		<i>For Class 56 Rating, Add</i>	10,011.89	
40 05 19 00-0496	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,345.51	2,523.85
		<i>For Class 52 Rating, Deduct</i>	-3,797.37	
		<i>For Class 54 Rating, Add</i>	5,224.11	
		<i>For Class 55 Rating, Add</i>	7,790.07	
		<i>For Class 56 Rating, Add</i>	10,321.51	
40 05 19 00-0497	EA	42" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,412.71	2,527.58
		<i>For Class 52 Rating, Deduct</i>	-3,914.14	
		<i>For Class 54 Rating, Add</i>	5,383.41	
		<i>For Class 55 Rating, Add</i>	8,026.93	
		<i>For Class 56 Rating, Add</i>	10,634.87	
40 05 19 00-0498	EA	42" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,467.22	2,531.30
		<i>For Class 52 Rating, Deduct</i>	-4,029.51	
		<i>For Class 54 Rating, Add</i>	5,540.81	
		<i>For Class 55 Rating, Add</i>	8,260.96	
		<i>For Class 56 Rating, Add</i>	10,944.48	
40 05 19 00-0499	EA	42" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,532.30	2,535.03
		<i>For Class 52 Rating, Deduct</i>	-4,146.05	
		<i>For Class 54 Rating, Add</i>	5,699.79	
		<i>For Class 55 Rating, Add</i>	8,497.35	
		<i>For Class 56 Rating, Add</i>	11,257.22	
40 05 19 00-0500	EA	42" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,586.80	2,538.75
		<i>For Class 52 Rating, Deduct</i>	-4,261.42	
		<i>For Class 54 Rating, Add</i>	5,857.19	
		<i>For Class 55 Rating, Add</i>	8,731.38	
		<i>For Class 56 Rating, Add</i>	11,566.84	
40 05 19 00-0501	EA	42" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,654.00	2,542.49
		<i>For Class 52 Rating, Deduct</i>	-4,378.19	
		<i>For Class 54 Rating, Add</i>	6,016.49	
		<i>For Class 55 Rating, Add</i>	8,968.24	
		<i>For Class 56 Rating, Add</i>	11,880.20	
40 05 19 00-0502	EA	42" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,708.52	2,546.22
		<i>For Class 52 Rating, Deduct</i>	-4,493.57	
		<i>For Class 54 Rating, Add</i>	6,173.89	
		<i>For Class 55 Rating, Add</i>	9,202.28	
		<i>For Class 56 Rating, Add</i>	12,189.82	
40 05 19 00-0503	EA	42" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,771.49	2,549.94
		<i>For Class 52 Rating, Deduct</i>	-4,609.87	
		<i>For Class 54 Rating, Add</i>	6,332.55	
		<i>For Class 55 Rating, Add</i>	9,438.20	
		<i>For Class 56 Rating, Add</i>	12,501.93	
40 05 19 00-0504	EA	42" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,828.11	2,553.67
		<i>For Class 52 Rating, Deduct</i>	-4,725.48	
		<i>For Class 54 Rating, Add</i>	6,490.27	
		<i>For Class 55 Rating, Add</i>	9,672.70	
		<i>For Class 56 Rating, Add</i>	12,812.17	
40 05 19 00-0505	EA	42" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,671.16	2,557.39
		<i>For Class 52 Rating, Deduct</i>	-4,817.59	
		<i>For Class 54 Rating, Add</i>	6,615.94	
		<i>For Class 55 Rating, Add</i>	9,859.57	
		<i>For Class 56 Rating, Add</i>	13,059.41	
40 05 19 00-0506	EA	42" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,947.70	2,561.13
		<i>For Class 52 Rating, Deduct</i>	-4,957.39	
		<i>For Class 54 Rating, Add</i>	6,806.65	
		<i>For Class 55 Rating, Add</i>	10,143.12	
		<i>For Class 56 Rating, Add</i>	13,434.52	
40 05 19 00-0507	EA	42" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,002.21	2,564.86
		<i>For Class 52 Rating, Deduct</i>	-5,072.77	
		<i>For Class 54 Rating, Add</i>	6,964.04	
		<i>For Class 55 Rating, Add</i>	10,377.15	
		<i>For Class 56 Rating, Add</i>	13,744.14	
40 05 19 00-0508	EA	42" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,067.29	2,568.58
		<i>For Class 52 Rating, Deduct</i>	-5,189.31	
		<i>For Class 54 Rating, Add</i>	7,123.03	
		<i>For Class 55 Rating, Add</i>	10,613.54	
		<i>For Class 56 Rating, Add</i>	14,056.88	
40 05 19 00-0509	EA	42" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,121.81	2,572.31
		<i>For Class 52 Rating, Deduct</i>	-5,304.68	
		<i>For Class 54 Rating, Add</i>	7,280.42	
		<i>For Class 55 Rating, Add</i>	10,847.57	
		<i>For Class 56 Rating, Add</i>	14,366.50	
40 05 19 00-0510	EA	42" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,189.00	2,576.03
		<i>For Class 52 Rating, Deduct</i>	-5,421.45	
		<i>For Class 54 Rating, Add</i>	7,439.72	
		<i>For Class 55 Rating, Add</i>	11,084.43	
		<i>For Class 56 Rating, Add</i>	14,679.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0511 EA 42" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,241.39	2,579.77
<i>For Class 52 Rating, Deduct</i>	-5,536.59	
<i>For Class 54 Rating, Add</i>	7,596.80	
<i>For Class 55 Rating, Add</i>	11,317.99	
<i>For Class 56 Rating, Add</i>	14,988.85	
40 05 19 00-0512 EA 42" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,308.59	2,583.50
<i>For Class 52 Rating, Deduct</i>	-5,653.36	
<i>For Class 54 Rating, Add</i>	7,756.10	
<i>For Class 55 Rating, Add</i>	11,554.85	
<i>For Class 56 Rating, Add</i>	15,302.21	
40 05 19 00-0513 EA 42" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,363.10	2,587.22
<i>For Class 52 Rating, Deduct</i>	-5,768.74	
<i>For Class 54 Rating, Add</i>	7,913.50	
<i>For Class 55 Rating, Add</i>	11,788.89	
<i>For Class 56 Rating, Add</i>	15,611.83	
40 05 19 00-0514 EA 42" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,428.19	2,590.95
<i>For Class 52 Rating, Deduct</i>	-5,885.28	
<i>For Class 54 Rating, Add</i>	8,072.48	
<i>For Class 55 Rating, Add</i>	12,025.28	
<i>For Class 56 Rating, Add</i>	15,924.56	
40 05 19 00-0515 48" Flanged End (FxF), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0002)</small>		
40 05 19 00-0516 EA 48" Flanged (FxF), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,840.27	3,083.05
<i>For Class 52 Rating, Deduct</i>	-1,998.59	
<i>For Class 54 Rating, Add</i>	2,781.40	
<i>For Class 55 Rating, Add</i>	4,163.80	
<i>For Class 56 Rating, Add</i>	5,528.02	
40 05 19 00-0517 EA 48" Flanged (FxF), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,391.72	3,086.77
<i>For Class 52 Rating, Deduct</i>	-2,168.63	
<i>For Class 54 Rating, Add</i>	3,013.34	
<i>For Class 55 Rating, Add</i>	4,508.64	
<i>For Class 56 Rating, Add</i>	5,984.23	
40 05 19 00-0518 EA 48" Flanged (FxF), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,941.06	3,090.50
<i>For Class 52 Rating, Deduct</i>	-2,338.43	
<i>For Class 54 Rating, Add</i>	3,244.96	
<i>For Class 55 Rating, Add</i>	4,853.02	
<i>For Class 56 Rating, Add</i>	6,439.82	
40 05 19 00-0519 EA 48" Flanged (FxF), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,503.07	3,094.22
<i>For Class 52 Rating, Deduct</i>	-2,509.63	
<i>For Class 54 Rating, Add</i>	3,478.49	
<i>For Class 55 Rating, Add</i>	5,200.23	
<i>For Class 56 Rating, Add</i>	6,899.16	
40 05 19 00-0520 EA 48" Flanged (FxF), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,054.52	3,097.95
<i>For Class 52 Rating, Deduct</i>	-2,679.67	
<i>For Class 54 Rating, Add</i>	3,710.42	
<i>For Class 55 Rating, Add</i>	5,545.08	
<i>For Class 56 Rating, Add</i>	7,355.37	
40 05 19 00-0521 EA 48" Flanged (FxF), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,605.97	3,101.69
<i>For Class 52 Rating, Deduct</i>	-2,849.71	
<i>For Class 54 Rating, Add</i>	3,942.36	
<i>For Class 55 Rating, Add</i>	5,889.93	
<i>For Class 56 Rating, Add</i>	7,811.59	
40 05 19 00-0522 EA 48" Flanged (FxF), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,165.89	3,105.41
<i>For Class 52 Rating, Deduct</i>	-3,020.68	
<i>For Class 54 Rating, Add</i>	4,175.57	
<i>For Class 55 Rating, Add</i>	6,236.66	
<i>For Class 56 Rating, Add</i>	8,270.30	
40 05 19 00-0523 EA 48" Flanged (FxF), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,719.45	3,109.14
<i>For Class 52 Rating, Deduct</i>	-3,190.95	
<i>For Class 54 Rating, Add</i>	4,407.82	
<i>For Class 55 Rating, Add</i>	6,581.98	
<i>For Class 56 Rating, Add</i>	8,727.14	
40 05 19 00-0524 EA 48" Flanged (FxF), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,268.79	3,112.86
<i>For Class 52 Rating, Deduct</i>	-3,360.76	
<i>For Class 54 Rating, Add</i>	4,639.45	
<i>For Class 55 Rating, Add</i>	6,926.36	
<i>For Class 56 Rating, Add</i>	9,182.73	
40 05 19 00-0525 EA 48" Flanged (FxF), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,830.80	3,116.59
<i>For Class 52 Rating, Deduct</i>	-3,531.96	
<i>For Class 54 Rating, Add</i>	4,872.97	
<i>For Class 55 Rating, Add</i>	7,273.57	
<i>For Class 56 Rating, Add</i>	9,642.06	
40 05 19 00-0526 EA 48" Flanged (FxF), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,382.26	3,120.33
<i>For Class 52 Rating, Deduct</i>	-3,702.00	
<i>For Class 54 Rating, Add</i>	5,104.91	
<i>For Class 55 Rating, Add</i>	7,618.42	
<i>For Class 56 Rating, Add</i>	10,098.28	
40 05 19 00-0527 EA 48" Flanged (FxF), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,944.28	3,124.05
<i>For Class 52 Rating, Deduct</i>	-3,873.20	
<i>For Class 54 Rating, Add</i>	5,338.43	
<i>For Class 55 Rating, Add</i>	7,965.63	
<i>For Class 56 Rating, Add</i>	10,557.61	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0528	EA		48" Flanged (FxF), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,493.62	3,127.78
			<i>For Class 52 Rating, Deduct</i>	-4,043.00	
			<i>For Class 54 Rating, Add</i>	5,570.05	
			<i>For Class 55 Rating, Add</i>	8,310.00	
			<i>For Class 56 Rating, Add</i>	11,013.20	
40 05 19 00-0529	EA		48" Flanged (FxF), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,045.07	3,131.50
			<i>For Class 52 Rating, Deduct</i>	-4,213.04	
			<i>For Class 54 Rating, Add</i>	5,801.99	
			<i>For Class 55 Rating, Add</i>	8,654.85	
			<i>For Class 56 Rating, Add</i>	11,469.42	
40 05 19 00-0530	EA		48" Flanged (FxF), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,607.08	3,135.23
			<i>For Class 52 Rating, Deduct</i>	-4,384.24	
			<i>For Class 54 Rating, Add</i>	6,035.51	
			<i>For Class 55 Rating, Add</i>	9,002.06	
			<i>For Class 56 Rating, Add</i>	11,928.75	
40 05 19 00-0531	EA		48" Flanged (FxF), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,158.54	3,138.97
			<i>For Class 52 Rating, Deduct</i>	-4,554.28	
			<i>For Class 54 Rating, Add</i>	6,267.45	
			<i>For Class 55 Rating, Add</i>	9,346.91	
			<i>For Class 56 Rating, Add</i>	12,384.97	
40 05 19 00-0532	EA		48" Flanged (FxF), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,707.87	3,142.69
			<i>For Class 52 Rating, Deduct</i>	-4,724.08	
			<i>For Class 54 Rating, Add</i>	6,499.07	
			<i>For Class 55 Rating, Add</i>	9,691.29	
			<i>For Class 56 Rating, Add</i>	12,840.55	
40 05 19 00-0533	EA		48" Flanged (FxF), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,269.90	3,146.42
			<i>For Class 52 Rating, Deduct</i>	-4,895.29	
			<i>For Class 54 Rating, Add</i>	6,732.60	
			<i>For Class 55 Rating, Add</i>	10,038.50	
			<i>For Class 56 Rating, Add</i>	13,299.89	
40 05 19 00-0534	EA		48" Flanged (FxF), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,821.35	3,150.14
			<i>For Class 52 Rating, Deduct</i>	-5,065.32	
			<i>For Class 54 Rating, Add</i>	6,964.54	
			<i>For Class 55 Rating, Add</i>	10,383.34	
			<i>For Class 56 Rating, Add</i>	13,756.10	
40 05 19 00-0535	EA		48" Flanged (FxF), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,370.69	3,153.87
			<i>For Class 52 Rating, Deduct</i>	-5,235.13	
			<i>For Class 54 Rating, Add</i>	7,196.16	
			<i>For Class 55 Rating, Add</i>	10,727.72	
			<i>For Class 56 Rating, Add</i>	14,211.70	
40 05 19 00-0536	EA		48" Flanged (FxF), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	53,932.70	3,157.61
			<i>For Class 52 Rating, Deduct</i>	-5,406.33	
			<i>For Class 54 Rating, Add</i>	7,429.68	
			<i>For Class 55 Rating, Add</i>	11,074.93	
			<i>For Class 56 Rating, Add</i>	14,671.03	
40 05 19 00-0537	EA		48" Flanged (FxF), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	55,486.27	3,161.33
			<i>For Class 52 Rating, Deduct</i>	-5,576.60	
			<i>For Class 54 Rating, Add</i>	7,661.94	
			<i>For Class 55 Rating, Add</i>	11,420.25	
			<i>For Class 56 Rating, Add</i>	15,127.87	
40 05 19 00-0538	EA		48" Flanged (FxF), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,035.61	3,165.06
			<i>For Class 52 Rating, Deduct</i>	-5,746.41	
			<i>For Class 54 Rating, Add</i>	7,893.56	
			<i>For Class 55 Rating, Add</i>	11,764.63	
			<i>For Class 56 Rating, Add</i>	15,583.46	
40 05 19 00-0539	EA		48" Flanged (FxF), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	58,597.63	3,168.78
			<i>For Class 52 Rating, Deduct</i>	-5,917.61	
			<i>For Class 54 Rating, Add</i>	8,127.08	
			<i>For Class 55 Rating, Add</i>	12,111.83	
			<i>For Class 56 Rating, Add</i>	16,042.79	
40 05 19 00-0540	EA		48" Flanged (FxF), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,149.08	3,172.51
			<i>For Class 52 Rating, Deduct</i>	-6,087.65	
			<i>For Class 54 Rating, Add</i>	8,359.02	
			<i>For Class 55 Rating, Add</i>	12,456.68	
			<i>For Class 56 Rating, Add</i>	16,499.01	
40 05 19 00-0541	EA		48" Flanged (FxF), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	61,698.41	3,176.25
			<i>For Class 52 Rating, Deduct</i>	-6,257.45	
			<i>For Class 54 Rating, Add</i>	8,590.64	
			<i>For Class 55 Rating, Add</i>	12,801.06	
			<i>For Class 56 Rating, Add</i>	16,954.60	
40 05 19 00-0542	EA		48" Flanged (FxF), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,260.44	3,179.97
			<i>For Class 52 Rating, Deduct</i>	-6,428.65	
			<i>For Class 54 Rating, Add</i>	8,824.16	
			<i>For Class 55 Rating, Add</i>	13,148.27	
			<i>For Class 56 Rating, Add</i>	17,413.93	
40 05 19 00-0543	EA		48" Flanged (FxF), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	64,811.90	3,183.70
			<i>For Class 52 Rating, Deduct</i>	-6,598.69	
			<i>For Class 54 Rating, Add</i>	9,056.10	
			<i>For Class 55 Rating, Add</i>	13,493.12	
			<i>For Class 56 Rating, Add</i>	17,870.15	
40 05 19 00-0544	EA		48" Flanged (FxF), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,173.03	3,187.42
			<i>For Class 52 Rating, Deduct</i>	-6,747.79	
			<i>For Class 54 Rating, Add</i>	9,259.49	
			<i>For Class 55 Rating, Add</i>	13,795.53	
			<i>For Class 56 Rating, Add</i>	18,270.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0545 EA 48" Flanged (FxF), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	67,925.37	3,191.15
<i>For Class 52 Rating, Deduct</i>	-6,939.93	
<i>For Class 54 Rating, Add</i>	9,521.56	
<i>For Class 55 Rating, Add</i>	14,185.17	
<i>For Class 56 Rating, Add</i>	18,785.70	
40 05 19 00-0546 EA 48" Flanged (FxF), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	69,474.71	3,194.89
<i>For Class 52 Rating, Deduct</i>	-7,109.74	
<i>For Class 54 Rating, Add</i>	9,753.18	
<i>For Class 55 Rating, Add</i>	14,529.55	
<i>For Class 56 Rating, Add</i>	19,241.29	
40 05 19 00-0547 EA 48" Flanged (FxF), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,038.84	3,198.61
<i>For Class 52 Rating, Deduct</i>	-7,281.17	
<i>For Class 54 Rating, Add</i>	9,987.03	
<i>For Class 55 Rating, Add</i>	14,877.23	
<i>For Class 56 Rating, Add</i>	19,701.25	
40 05 19 00-0548 EA 48" Flanged (FxF), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,538.18	3,202.34
<i>For Class 52 Rating, Deduct</i>	-7,450.98	
<i>For Class 54 Rating, Add</i>	10,218.65	
<i>For Class 55 Rating, Add</i>	15,221.61	
<i>For Class 56 Rating, Add</i>	20,156.84	
40 05 19 00-0549 EA 48" Flanged (FxF), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	74,137.52	3,206.06
<i>For Class 52 Rating, Deduct</i>	-7,620.78	
<i>For Class 54 Rating, Add</i>	10,450.27	
<i>For Class 55 Rating, Add</i>	15,565.99	
<i>For Class 56 Rating, Add</i>	20,612.43	
40 05 19 00-0550 EA 48" Flanged (FxF), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	75,701.66	3,209.79
<i>For Class 52 Rating, Deduct</i>	-7,792.22	
<i>For Class 54 Rating, Add</i>	10,684.11	
<i>For Class 55 Rating, Add</i>	15,913.67	
<i>For Class 56 Rating, Add</i>	21,072.39	
40 05 19 00-0551 EA 48" Flanged (FxF), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	77,250.99	3,213.53
<i>For Class 52 Rating, Deduct</i>	-7,962.02	
<i>For Class 54 Rating, Add</i>	10,915.73	
<i>For Class 55 Rating, Add</i>	16,258.04	
<i>For Class 56 Rating, Add</i>	21,527.98	
40 05 19 00-0552 EA 48" Flanged (FxF), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	78,802.43	3,217.25
<i>For Class 52 Rating, Deduct</i>	-8,132.06	
<i>For Class 54 Rating, Add</i>	11,147.67	
<i>For Class 55 Rating, Add</i>	16,602.89	
<i>For Class 56 Rating, Add</i>	21,984.19	
40 05 19 00-0553 EA 48" Flanged (FxF), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	80,364.46	3,220.98
<i>For Class 52 Rating, Deduct</i>	-8,303.26	
<i>For Class 54 Rating, Add</i>	11,381.19	
<i>For Class 55 Rating, Add</i>	16,950.10	
<i>For Class 56 Rating, Add</i>	22,443.53	
 40 05 19 00-0554 Flanged End x Grooved End (FxG), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
 40 05 19 00-0555 4" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0556 EA 4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	617.96	170.60
<i>For Class 52 Rating, Deduct</i>	-39.54	
<i>For Class 54 Rating, Add</i>	57.03	
<i>For Class 55 Rating, Add</i>	86.37	
<i>For Class 56 Rating, Add</i>	115.35	
40 05 19 00-0557 EA 4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	677.47	173.58
<i>For Class 52 Rating, Deduct</i>	-45.59	
<i>For Class 54 Rating, Add</i>	65.33	
<i>For Class 55 Rating, Add</i>	98.74	
<i>For Class 56 Rating, Add</i>	131.74	
40 05 19 00-0558 EA 4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	736.96	176.56
<i>For Class 52 Rating, Deduct</i>	-51.64	
<i>For Class 54 Rating, Add</i>	73.63	
<i>For Class 55 Rating, Add</i>	111.11	
<i>For Class 56 Rating, Add</i>	148.12	
40 05 19 00-0559 EA 4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	796.46	179.54
<i>For Class 52 Rating, Deduct</i>	-57.69	
<i>For Class 54 Rating, Add</i>	81.93	
<i>For Class 55 Rating, Add</i>	123.48	
<i>For Class 56 Rating, Add</i>	164.50	
40 05 19 00-0560 EA 4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	855.96	182.53
<i>For Class 52 Rating, Deduct</i>	-63.74	
<i>For Class 54 Rating, Add</i>	90.23	
<i>For Class 55 Rating, Add</i>	135.85	
<i>For Class 56 Rating, Add</i>	180.88	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0561	EA	4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		915.45	185.51
		<i>For Class 52 Rating, Deduct</i>		-69.78	
		<i>For Class 54 Rating, Add</i>		98.53	
		<i>For Class 55 Rating, Add</i>		148.21	
		<i>For Class 56 Rating, Add</i>		197.26	
40 05 19 00-0562	EA	4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		974.96	188.49
		<i>For Class 52 Rating, Deduct</i>		-75.83	
		<i>For Class 54 Rating, Add</i>		106.83	
		<i>For Class 55 Rating, Add</i>		160.58	
		<i>For Class 56 Rating, Add</i>		213.65	
40 05 19 00-0563	EA	4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,034.45	191.48
		<i>For Class 52 Rating, Deduct</i>		-81.88	
		<i>For Class 54 Rating, Add</i>		115.13	
		<i>For Class 55 Rating, Add</i>		172.95	
		<i>For Class 56 Rating, Add</i>		230.03	
40 05 19 00-0564	EA	4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,093.96	194.46
		<i>For Class 52 Rating, Deduct</i>		-87.93	
		<i>For Class 54 Rating, Add</i>		123.44	
		<i>For Class 55 Rating, Add</i>		185.32	
		<i>For Class 56 Rating, Add</i>		246.41	
40 05 19 00-0565	EA	4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,153.45	197.44
		<i>For Class 52 Rating, Deduct</i>		-93.97	
		<i>For Class 54 Rating, Add</i>		131.74	
		<i>For Class 55 Rating, Add</i>		197.69	
		<i>For Class 56 Rating, Add</i>		262.79	
40 05 19 00-0566	EA	4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,212.96	200.42
		<i>For Class 52 Rating, Deduct</i>		-100.02	
		<i>For Class 54 Rating, Add</i>		140.04	
		<i>For Class 55 Rating, Add</i>		210.06	
		<i>For Class 56 Rating, Add</i>		279.18	
40 05 19 00-0567	EA	4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,272.46	203.40
		<i>For Class 52 Rating, Deduct</i>		-106.07	
		<i>For Class 54 Rating, Add</i>		148.34	
		<i>For Class 55 Rating, Add</i>		222.43	
		<i>For Class 56 Rating, Add</i>		295.56	
40 05 19 00-0568	EA	4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,331.96	206.38
		<i>For Class 52 Rating, Deduct</i>		-112.12	
		<i>For Class 54 Rating, Add</i>		156.64	
		<i>For Class 55 Rating, Add</i>		234.80	
		<i>For Class 56 Rating, Add</i>		311.94	
40 05 19 00-0569	EA	4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,391.46	209.36
		<i>For Class 52 Rating, Deduct</i>		-118.17	
		<i>For Class 54 Rating, Add</i>		164.94	
		<i>For Class 55 Rating, Add</i>		247.17	
		<i>For Class 56 Rating, Add</i>		328.32	
40 05 19 00-0570	EA	4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,450.96	212.34
		<i>For Class 52 Rating, Deduct</i>		-124.21	
		<i>For Class 54 Rating, Add</i>		173.24	
		<i>For Class 55 Rating, Add</i>		259.54	
		<i>For Class 56 Rating, Add</i>		344.70	
40 05 19 00-0571	EA	4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,510.45	215.33
		<i>For Class 52 Rating, Deduct</i>		-130.26	
		<i>For Class 54 Rating, Add</i>		181.55	
		<i>For Class 55 Rating, Add</i>		271.91	
		<i>For Class 56 Rating, Add</i>		361.08	
40 05 19 00-0572	EA	4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,569.95	218.31
		<i>For Class 52 Rating, Deduct</i>		-136.31	
		<i>For Class 54 Rating, Add</i>		189.85	
		<i>For Class 55 Rating, Add</i>		284.28	
		<i>For Class 56 Rating, Add</i>		377.47	
40 05 19 00-0573	EA	4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,629.45	221.29
		<i>For Class 52 Rating, Deduct</i>		-142.36	
		<i>For Class 54 Rating, Add</i>		198.15	
		<i>For Class 55 Rating, Add</i>		296.64	
		<i>For Class 56 Rating, Add</i>		393.85	
40 05 19 00-0574	EA	4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,688.95	224.28
		<i>For Class 52 Rating, Deduct</i>		-148.41	
		<i>For Class 54 Rating, Add</i>		206.45	
		<i>For Class 55 Rating, Add</i>		309.01	
		<i>For Class 56 Rating, Add</i>		410.23	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0575 EA 4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,748.45	227.26
<i>For Class 52 Rating, Deduct</i>	-154.45	
<i>For Class 54 Rating, Add</i>	214.75	
<i>For Class 55 Rating, Add</i>	321.38	
<i>For Class 56 Rating, Add</i>	426.61	
40 05 19 00-0576 EA 4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,807.95	230.24
<i>For Class 52 Rating, Deduct</i>	-160.50	
<i>For Class 54 Rating, Add</i>	223.05	
<i>For Class 55 Rating, Add</i>	333.75	
<i>For Class 56 Rating, Add</i>	442.99	
40 05 19 00-0577 EA 4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,867.45	233.22
<i>For Class 52 Rating, Deduct</i>	-166.55	
<i>For Class 54 Rating, Add</i>	231.35	
<i>For Class 55 Rating, Add</i>	346.12	
<i>For Class 56 Rating, Add</i>	459.37	
40 05 19 00-0578 EA 4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,926.94	236.21
<i>For Class 52 Rating, Deduct</i>	-172.60	
<i>For Class 54 Rating, Add</i>	239.65	
<i>For Class 55 Rating, Add</i>	358.49	
<i>For Class 56 Rating, Add</i>	475.76	
40 05 19 00-0579 EA 4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,986.45	239.19
<i>For Class 52 Rating, Deduct</i>	-178.64	
<i>For Class 54 Rating, Add</i>	247.95	
<i>For Class 55 Rating, Add</i>	370.86	
<i>For Class 56 Rating, Add</i>	492.14	
40 05 19 00-0580 EA 4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,045.94	242.17
<i>For Class 52 Rating, Deduct</i>	-184.69	
<i>For Class 54 Rating, Add</i>	256.26	
<i>For Class 55 Rating, Add</i>	383.23	
<i>For Class 56 Rating, Add</i>	508.52	
40 05 19 00-0581 EA 4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,105.45	245.16
<i>For Class 52 Rating, Deduct</i>	-190.74	
<i>For Class 54 Rating, Add</i>	264.56	
<i>For Class 55 Rating, Add</i>	395.60	
<i>For Class 56 Rating, Add</i>	524.90	
40 05 19 00-0582 EA 4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,164.95	248.14
<i>For Class 52 Rating, Deduct</i>	-196.79	
<i>For Class 54 Rating, Add</i>	272.86	
<i>For Class 55 Rating, Add</i>	407.97	
<i>For Class 56 Rating, Add</i>	541.29	
40 05 19 00-0583 EA 4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,224.45	251.12
<i>For Class 52 Rating, Deduct</i>	-202.84	
<i>For Class 54 Rating, Add</i>	281.16	
<i>For Class 55 Rating, Add</i>	420.34	
<i>For Class 56 Rating, Add</i>	557.67	
40 05 19 00-0584 EA 4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,283.95	254.10
<i>For Class 52 Rating, Deduct</i>	-208.88	
<i>For Class 54 Rating, Add</i>	289.46	
<i>For Class 55 Rating, Add</i>	432.71	
<i>For Class 56 Rating, Add</i>	574.05	
40 05 19 00-0585 EA 4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,343.44	257.09
<i>For Class 52 Rating, Deduct</i>	-214.93	
<i>For Class 54 Rating, Add</i>	297.76	
<i>For Class 55 Rating, Add</i>	445.07	
<i>For Class 56 Rating, Add</i>	590.43	
40 05 19 00-0586 EA 4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,402.95	260.07
<i>For Class 52 Rating, Deduct</i>	-220.98	
<i>For Class 54 Rating, Add</i>	306.06	
<i>For Class 55 Rating, Add</i>	457.44	
<i>For Class 56 Rating, Add</i>	606.81	
40 05 19 00-0587 EA 4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,462.44	263.05
<i>For Class 52 Rating, Deduct</i>	-227.03	
<i>For Class 54 Rating, Add</i>	314.37	
<i>For Class 55 Rating, Add</i>	469.81	
<i>For Class 56 Rating, Add</i>	623.20	
40 05 19 00-0588 EA 4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,521.95	266.03
<i>For Class 52 Rating, Deduct</i>	-233.08	
<i>For Class 54 Rating, Add</i>	322.67	
<i>For Class 55 Rating, Add</i>	482.18	
<i>For Class 56 Rating, Add</i>	639.58	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0589	EA	4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,581.44	269.02
		<i>For Class 52 Rating, Deduct</i>		-239.12	
		<i>For Class 54 Rating, Add</i>		330.97	
		<i>For Class 55 Rating, Add</i>		494.55	
		<i>For Class 56 Rating, Add</i>		655.96	
40 05 19 00-0590	EA	4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,640.94	272.00
		<i>For Class 52 Rating, Deduct</i>		-245.17	
		<i>For Class 54 Rating, Add</i>		339.27	
		<i>For Class 55 Rating, Add</i>		506.92	
		<i>For Class 56 Rating, Add</i>		672.34	
40 05 19 00-0591	EA	4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,700.44	274.98
		<i>For Class 52 Rating, Deduct</i>		-251.22	
		<i>For Class 54 Rating, Add</i>		347.57	
		<i>For Class 55 Rating, Add</i>		519.29	
		<i>For Class 56 Rating, Add</i>		688.72	
40 05 19 00-0592	EA	4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,759.94	277.96
		<i>For Class 52 Rating, Deduct</i>		-257.27	
		<i>For Class 54 Rating, Add</i>		355.87	
		<i>For Class 55 Rating, Add</i>		531.66	
		<i>For Class 56 Rating, Add</i>		705.10	
40 05 19 00-0593	EA	4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,819.44	280.94
		<i>For Class 52 Rating, Deduct</i>		-263.31	
		<i>For Class 54 Rating, Add</i>		364.17	
		<i>For Class 55 Rating, Add</i>		544.03	
		<i>For Class 56 Rating, Add</i>		721.49	
40 05 19 00-0594	EA	4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,878.93	283.92
		<i>For Class 52 Rating, Deduct</i>		-269.36	
		<i>For Class 54 Rating, Add</i>		372.47	
		<i>For Class 55 Rating, Add</i>		556.40	
		<i>For Class 56 Rating, Add</i>		737.87	
40 05 19 00-0595		6" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>			
40 05 19 00-0596	EA	6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		771.54	214.73
		<i>For Class 52 Rating, Deduct</i>		-49.08	
		<i>For Class 54 Rating, Add</i>		70.83	
		<i>For Class 55 Rating, Add</i>		107.31	
		<i>For Class 56 Rating, Add</i>		143.34	
40 05 19 00-0597	EA	6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		843.73	217.71
		<i>For Class 52 Rating, Deduct</i>		-56.52	
		<i>For Class 54 Rating, Add</i>		81.04	
		<i>For Class 55 Rating, Add</i>		122.51	
		<i>For Class 56 Rating, Add</i>		163.46	
40 05 19 00-0598	EA	6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		915.92	220.70
		<i>For Class 52 Rating, Deduct</i>		-63.97	
		<i>For Class 54 Rating, Add</i>		91.24	
		<i>For Class 55 Rating, Add</i>		137.71	
		<i>For Class 56 Rating, Add</i>		183.59	
40 05 19 00-0599	EA	6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		988.10	223.68
		<i>For Class 52 Rating, Deduct</i>		-71.41	
		<i>For Class 54 Rating, Add</i>		101.45	
		<i>For Class 55 Rating, Add</i>		152.90	
		<i>For Class 56 Rating, Add</i>		203.71	
40 05 19 00-0600	EA	6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,060.29	226.66
		<i>For Class 52 Rating, Deduct</i>		-78.85	
		<i>For Class 54 Rating, Add</i>		111.65	
		<i>For Class 55 Rating, Add</i>		168.10	
		<i>For Class 56 Rating, Add</i>		223.84	
40 05 19 00-0601	EA	6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,132.47	229.64
		<i>For Class 52 Rating, Deduct</i>		-86.30	
		<i>For Class 54 Rating, Add</i>		121.85	
		<i>For Class 55 Rating, Add</i>		183.30	
		<i>For Class 56 Rating, Add</i>		243.96	
40 05 19 00-0602	EA	6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		1,204.66	232.63
		<i>For Class 52 Rating, Deduct</i>		-93.74	
		<i>For Class 54 Rating, Add</i>		132.06	
		<i>For Class 55 Rating, Add</i>		198.50	
		<i>For Class 56 Rating, Add</i>		264.09	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0603 EA 6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,276.85	235.61
For Class 52 Rating, Deduct	-101.19	
For Class 54 Rating, Add	142.26	
For Class 55 Rating, Add	213.70	
For Class 56 Rating, Add	284.21	
40 05 19 00-0604 EA 6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,349.04	238.59
For Class 52 Rating, Deduct	-108.63	
For Class 54 Rating, Add	152.47	
For Class 55 Rating, Add	228.90	
For Class 56 Rating, Add	304.34	
40 05 19 00-0605 EA 6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,421.23	241.58
For Class 52 Rating, Deduct	-116.07	
For Class 54 Rating, Add	162.67	
For Class 55 Rating, Add	244.10	
For Class 56 Rating, Add	324.46	
40 05 19 00-0606 EA 6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,493.41	244.56
For Class 52 Rating, Deduct	-123.52	
For Class 54 Rating, Add	172.88	
For Class 55 Rating, Add	259.29	
For Class 56 Rating, Add	344.59	
40 05 19 00-0607 EA 6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,565.60	247.54
For Class 52 Rating, Deduct	-130.96	
For Class 54 Rating, Add	183.08	
For Class 55 Rating, Add	274.49	
For Class 56 Rating, Add	364.71	
40 05 19 00-0608 EA 6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,637.78	250.52
For Class 52 Rating, Deduct	-138.40	
For Class 54 Rating, Add	193.29	
For Class 55 Rating, Add	289.69	
For Class 56 Rating, Add	384.84	
40 05 19 00-0609 EA 6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,709.98	253.51
For Class 52 Rating, Deduct	-145.85	
For Class 54 Rating, Add	203.49	
For Class 55 Rating, Add	304.89	
For Class 56 Rating, Add	404.96	
40 05 19 00-0610 EA 6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,782.16	256.49
For Class 52 Rating, Deduct	-153.29	
For Class 54 Rating, Add	213.70	
For Class 55 Rating, Add	320.09	
For Class 56 Rating, Add	425.09	
40 05 19 00-0611 EA 6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,854.36	259.47
For Class 52 Rating, Deduct	-160.73	
For Class 54 Rating, Add	223.90	
For Class 55 Rating, Add	335.29	
For Class 56 Rating, Add	445.21	
40 05 19 00-0612 EA 6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,926.53	262.45
For Class 52 Rating, Deduct	-168.18	
For Class 54 Rating, Add	234.10	
For Class 55 Rating, Add	350.48	
For Class 56 Rating, Add	465.34	
40 05 19 00-0613 EA 6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,998.72	265.43
For Class 52 Rating, Deduct	-175.62	
For Class 54 Rating, Add	244.31	
For Class 55 Rating, Add	365.68	
For Class 56 Rating, Add	485.46	
40 05 19 00-0614 EA 6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,070.91	268.41
For Class 52 Rating, Deduct	-183.06	
For Class 54 Rating, Add	254.51	
For Class 55 Rating, Add	380.88	
For Class 56 Rating, Add	505.59	
40 05 19 00-0615 EA 6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,143.09	271.39
For Class 52 Rating, Deduct	-190.51	
For Class 54 Rating, Add	264.72	
For Class 55 Rating, Add	396.08	
For Class 56 Rating, Add	525.71	
40 05 19 00-0616 EA 6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,215.29	274.38
For Class 52 Rating, Deduct	-197.95	
For Class 54 Rating, Add	274.92	
For Class 55 Rating, Add	411.28	
For Class 56 Rating, Add	545.84	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0617	EA		6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,287.47	277.36
			<i>For Class 52 Rating, Deduct</i>	-205.40	
			<i>For Class 54 Rating, Add</i>	285.13	
			<i>For Class 55 Rating, Add</i>	426.48	
			<i>For Class 56 Rating, Add</i>	565.96	
40 05 19 00-0618	EA		6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,359.67	280.34
			<i>For Class 52 Rating, Deduct</i>	-212.84	
			<i>For Class 54 Rating, Add</i>	295.33	
			<i>For Class 55 Rating, Add</i>	441.68	
			<i>For Class 56 Rating, Add</i>	586.09	
40 05 19 00-0619	EA		6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,431.84	283.32
			<i>For Class 52 Rating, Deduct</i>	-220.28	
			<i>For Class 54 Rating, Add</i>	305.54	
			<i>For Class 55 Rating, Add</i>	456.87	
			<i>For Class 56 Rating, Add</i>	606.21	
40 05 19 00-0620	EA		6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,504.04	286.31
			<i>For Class 52 Rating, Deduct</i>	-227.73	
			<i>For Class 54 Rating, Add</i>	315.74	
			<i>For Class 55 Rating, Add</i>	472.07	
			<i>For Class 56 Rating, Add</i>	626.34	
40 05 19 00-0621	EA		6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,576.22	289.29
			<i>For Class 52 Rating, Deduct</i>	-235.17	
			<i>For Class 54 Rating, Add</i>	325.94	
			<i>For Class 55 Rating, Add</i>	487.27	
			<i>For Class 56 Rating, Add</i>	646.46	
40 05 19 00-0622	EA		6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,648.41	292.27
			<i>For Class 52 Rating, Deduct</i>	-242.61	
			<i>For Class 54 Rating, Add</i>	336.15	
			<i>For Class 55 Rating, Add</i>	502.47	
			<i>For Class 56 Rating, Add</i>	666.59	
40 05 19 00-0623	EA		6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,720.60	295.26
			<i>For Class 52 Rating, Deduct</i>	-250.06	
			<i>For Class 54 Rating, Add</i>	346.35	
			<i>For Class 55 Rating, Add</i>	517.67	
			<i>For Class 56 Rating, Add</i>	686.71	
40 05 19 00-0624	EA		6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,792.78	298.24
			<i>For Class 52 Rating, Deduct</i>	-257.50	
			<i>For Class 54 Rating, Add</i>	356.56	
			<i>For Class 55 Rating, Add</i>	532.87	
			<i>For Class 56 Rating, Add</i>	706.84	
40 05 19 00-0625	EA		6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,864.98	301.22
			<i>For Class 52 Rating, Deduct</i>	-264.94	
			<i>For Class 54 Rating, Add</i>	366.76	
			<i>For Class 55 Rating, Add</i>	548.07	
			<i>For Class 56 Rating, Add</i>	726.96	
40 05 19 00-0626	EA		6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,937.15	304.20
			<i>For Class 52 Rating, Deduct</i>	-272.39	
			<i>For Class 54 Rating, Add</i>	376.97	
			<i>For Class 55 Rating, Add</i>	563.26	
			<i>For Class 56 Rating, Add</i>	747.08	
40 05 19 00-0627	EA		6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,009.34	307.19
			<i>For Class 52 Rating, Deduct</i>	-279.83	
			<i>For Class 54 Rating, Add</i>	387.17	
			<i>For Class 55 Rating, Add</i>	578.46	
			<i>For Class 56 Rating, Add</i>	767.21	
40 05 19 00-0628	EA		6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,081.53	310.17
			<i>For Class 52 Rating, Deduct</i>	-287.27	
			<i>For Class 54 Rating, Add</i>	397.38	
			<i>For Class 55 Rating, Add</i>	593.66	
			<i>For Class 56 Rating, Add</i>	787.33	
40 05 19 00-0629	EA		6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,153.72	313.15
			<i>For Class 52 Rating, Deduct</i>	-294.72	
			<i>For Class 54 Rating, Add</i>	407.58	
			<i>For Class 55 Rating, Add</i>	608.86	
			<i>For Class 56 Rating, Add</i>	807.46	
40 05 19 00-0630	EA		6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,225.91	316.14
			<i>For Class 52 Rating, Deduct</i>	-302.16	
			<i>For Class 54 Rating, Add</i>	417.79	
			<i>For Class 55 Rating, Add</i>	624.06	
			<i>For Class 56 Rating, Add</i>	827.59	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0631 EA 6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,298.10	319.12
For Class 52 Rating, Deduct	-309.60	
For Class 54 Rating, Add	427.99	
For Class 55 Rating, Add	639.26	
For Class 56 Rating, Add	847.71	
40 05 19 00-0632 EA 6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,370.28	322.10
For Class 52 Rating, Deduct	-317.05	
For Class 54 Rating, Add	438.19	
For Class 55 Rating, Add	654.45	
For Class 56 Rating, Add	867.83	
40 05 19 00-0633 EA 6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,442.47	325.08
For Class 52 Rating, Deduct	-324.49	
For Class 54 Rating, Add	448.40	
For Class 55 Rating, Add	669.65	
For Class 56 Rating, Add	887.96	
40 05 19 00-0634 EA 6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,514.65	328.07
For Class 52 Rating, Deduct	-331.93	
For Class 54 Rating, Add	458.60	
For Class 55 Rating, Add	684.85	
For Class 56 Rating, Add	908.08	
40 05 19 00-0635 8" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0636 EA 8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,067.04	274.38
For Class 52 Rating, Deduct	-71.64	
For Class 54 Rating, Add	102.69	
For Class 55 Rating, Add	155.22	
For Class 56 Rating, Add	207.10	
40 05 19 00-0637 EA 8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,164.59	277.36
For Class 52 Rating, Deduct	-81.88	
For Class 54 Rating, Add	116.70	
For Class 55 Rating, Add	176.08	
For Class 56 Rating, Add	234.71	
40 05 19 00-0638 EA 8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,262.17	280.34
For Class 52 Rating, Deduct	-92.11	
For Class 54 Rating, Add	130.71	
For Class 55 Rating, Add	196.93	
For Class 56 Rating, Add	262.32	
40 05 19 00-0639 EA 8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,359.72	283.32
For Class 52 Rating, Deduct	-102.35	
For Class 54 Rating, Add	144.72	
For Class 55 Rating, Add	217.79	
For Class 56 Rating, Add	289.93	
40 05 19 00-0640 EA 8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,457.30	286.31
For Class 52 Rating, Deduct	-112.58	
For Class 54 Rating, Add	158.73	
For Class 55 Rating, Add	238.65	
For Class 56 Rating, Add	317.55	
40 05 19 00-0641 EA 8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,554.85	289.29
For Class 52 Rating, Deduct	-122.82	
For Class 54 Rating, Add	172.74	
For Class 55 Rating, Add	259.51	
For Class 56 Rating, Add	345.16	
40 05 19 00-0642 EA 8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,652.41	292.27
For Class 52 Rating, Deduct	-133.05	
For Class 54 Rating, Add	186.75	
For Class 55 Rating, Add	280.36	
For Class 56 Rating, Add	372.77	
40 05 19 00-0643 EA 8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,749.98	295.26
For Class 52 Rating, Deduct	-143.29	
For Class 54 Rating, Add	200.76	
For Class 55 Rating, Add	301.22	
For Class 56 Rating, Add	400.38	
40 05 19 00-0644 EA 8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,847.53	298.24
For Class 52 Rating, Deduct	-153.52	
For Class 54 Rating, Add	214.77	
For Class 55 Rating, Add	322.08	
For Class 56 Rating, Add	427.99	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0645	EA		8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,945.11	301.22
			<i>For Class 52 Rating, Deduct</i>	-163.76	
			<i>For Class 54 Rating, Add</i>	228.78	
			<i>For Class 55 Rating, Add</i>	342.94	
			<i>For Class 56 Rating, Add</i>	455.60	
40 05 19 00-0646	EA		8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,042.66	304.20
			<i>For Class 52 Rating, Deduct</i>	-173.99	
			<i>For Class 54 Rating, Add</i>	242.79	
			<i>For Class 55 Rating, Add</i>	363.79	
			<i>For Class 56 Rating, Add</i>	483.21	
40 05 19 00-0647	EA		8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,140.22	307.19
			<i>For Class 52 Rating, Deduct</i>	-184.23	
			<i>For Class 54 Rating, Add</i>	256.80	
			<i>For Class 55 Rating, Add</i>	384.65	
			<i>For Class 56 Rating, Add</i>	510.82	
40 05 19 00-0648	EA		8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,237.79	310.17
			<i>For Class 52 Rating, Deduct</i>	-194.46	
			<i>For Class 54 Rating, Add</i>	270.82	
			<i>For Class 55 Rating, Add</i>	405.51	
			<i>For Class 56 Rating, Add</i>	538.43	
40 05 19 00-0649	EA		8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,335.35	313.15
			<i>For Class 52 Rating, Deduct</i>	-204.70	
			<i>For Class 54 Rating, Add</i>	284.83	
			<i>For Class 55 Rating, Add</i>	426.36	
			<i>For Class 56 Rating, Add</i>	566.04	
40 05 19 00-0650	EA		8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,432.92	316.14
			<i>For Class 52 Rating, Deduct</i>	-214.93	
			<i>For Class 54 Rating, Add</i>	298.84	
			<i>For Class 55 Rating, Add</i>	447.22	
			<i>For Class 56 Rating, Add</i>	593.65	
40 05 19 00-0651	EA		8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,530.48	319.12
			<i>For Class 52 Rating, Deduct</i>	-225.17	
			<i>For Class 54 Rating, Add</i>	312.85	
			<i>For Class 55 Rating, Add</i>	468.08	
			<i>For Class 56 Rating, Add</i>	621.26	
40 05 19 00-0652	EA		8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,628.05	322.10
			<i>For Class 52 Rating, Deduct</i>	-235.40	
			<i>For Class 54 Rating, Add</i>	326.86	
			<i>For Class 55 Rating, Add</i>	488.94	
			<i>For Class 56 Rating, Add</i>	648.87	
40 05 19 00-0653	EA		8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,725.61	325.08
			<i>For Class 52 Rating, Deduct</i>	-245.64	
			<i>For Class 54 Rating, Add</i>	340.87	
			<i>For Class 55 Rating, Add</i>	509.79	
			<i>For Class 56 Rating, Add</i>	676.48	
40 05 19 00-0654	EA		8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,823.16	328.07
			<i>For Class 52 Rating, Deduct</i>	-255.87	
			<i>For Class 54 Rating, Add</i>	354.88	
			<i>For Class 55 Rating, Add</i>	530.65	
			<i>For Class 56 Rating, Add</i>	704.09	
40 05 19 00-0655	EA		8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,920.73	331.05
			<i>For Class 52 Rating, Deduct</i>	-266.11	
			<i>For Class 54 Rating, Add</i>	368.89	
			<i>For Class 55 Rating, Add</i>	551.51	
			<i>For Class 56 Rating, Add</i>	731.71	
40 05 19 00-0656	EA		8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,018.29	334.03
			<i>For Class 52 Rating, Deduct</i>	-276.34	
			<i>For Class 54 Rating, Add</i>	382.90	
			<i>For Class 55 Rating, Add</i>	572.36	
			<i>For Class 56 Rating, Add</i>	759.32	
40 05 19 00-0657	EA		8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,115.86	337.00
			<i>For Class 52 Rating, Deduct</i>	-286.58	
			<i>For Class 54 Rating, Add</i>	396.91	
			<i>For Class 55 Rating, Add</i>	593.22	
			<i>For Class 56 Rating, Add</i>	786.93	
40 05 19 00-0658	EA		8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,213.42	339.99
			<i>For Class 52 Rating, Deduct</i>	-296.81	
			<i>For Class 54 Rating, Add</i>	410.92	
			<i>For Class 55 Rating, Add</i>	614.08	
			<i>For Class 56 Rating, Add</i>	814.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0659 EA 8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,310.98	342.97
<i>For Class 52 Rating, Deduct</i>	-307.05	
<i>For Class 54 Rating, Add</i>	424.93	
<i>For Class 55 Rating, Add</i>	634.94	
<i>For Class 56 Rating, Add</i>	842.15	
40 05 19 00-0660 EA 8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,408.55	345.95
<i>For Class 52 Rating, Deduct</i>	-317.28	
<i>For Class 54 Rating, Add</i>	438.95	
<i>For Class 55 Rating, Add</i>	655.79	
<i>For Class 56 Rating, Add</i>	869.76	
40 05 19 00-0661 EA 8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,506.10	348.94
<i>For Class 52 Rating, Deduct</i>	-327.52	
<i>For Class 54 Rating, Add</i>	452.96	
<i>For Class 55 Rating, Add</i>	676.65	
<i>For Class 56 Rating, Add</i>	897.37	
40 05 19 00-0662 EA 8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,603.68	351.92
<i>For Class 52 Rating, Deduct</i>	-337.75	
<i>For Class 54 Rating, Add</i>	466.97	
<i>For Class 55 Rating, Add</i>	697.51	
<i>For Class 56 Rating, Add</i>	924.98	
40 05 19 00-0663 EA 8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,701.23	354.90
<i>For Class 52 Rating, Deduct</i>	-347.99	
<i>For Class 54 Rating, Add</i>	480.98	
<i>For Class 55 Rating, Add</i>	718.37	
<i>For Class 56 Rating, Add</i>	952.59	
40 05 19 00-0664 EA 8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,798.81	357.88
<i>For Class 52 Rating, Deduct</i>	-358.22	
<i>For Class 54 Rating, Add</i>	494.99	
<i>For Class 55 Rating, Add</i>	739.22	
<i>For Class 56 Rating, Add</i>	980.20	
40 05 19 00-0665 EA 8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,896.36	360.87
<i>For Class 52 Rating, Deduct</i>	-368.45	
<i>For Class 54 Rating, Add</i>	509.00	
<i>For Class 55 Rating, Add</i>	760.08	
<i>For Class 56 Rating, Add</i>	1,007.81	
40 05 19 00-0666 EA 8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,993.91	363.85
<i>For Class 52 Rating, Deduct</i>	-378.69	
<i>For Class 54 Rating, Add</i>	523.01	
<i>For Class 55 Rating, Add</i>	780.94	
<i>For Class 56 Rating, Add</i>	1,035.42	
40 05 19 00-0667 EA 8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,091.49	366.83
<i>For Class 52 Rating, Deduct</i>	-388.92	
<i>For Class 54 Rating, Add</i>	537.02	
<i>For Class 55 Rating, Add</i>	801.80	
<i>For Class 56 Rating, Add</i>	1,063.03	
40 05 19 00-0668 EA 8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,189.04	369.82
<i>For Class 52 Rating, Deduct</i>	-399.16	
<i>For Class 54 Rating, Add</i>	551.03	
<i>For Class 55 Rating, Add</i>	822.65	
<i>For Class 56 Rating, Add</i>	1,090.64	
40 05 19 00-0669 EA 8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,286.62	372.80
<i>For Class 52 Rating, Deduct</i>	-409.39	
<i>For Class 54 Rating, Add</i>	565.04	
<i>For Class 55 Rating, Add</i>	843.51	
<i>For Class 56 Rating, Add</i>	1,118.26	
40 05 19 00-0670 EA 8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,384.17	375.78
<i>For Class 52 Rating, Deduct</i>	-419.63	
<i>For Class 54 Rating, Add</i>	579.05	
<i>For Class 55 Rating, Add</i>	864.37	
<i>For Class 56 Rating, Add</i>	1,145.87	
40 05 19 00-0671 EA 8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,481.74	378.76
<i>For Class 52 Rating, Deduct</i>	-429.86	
<i>For Class 54 Rating, Add</i>	593.06	
<i>For Class 55 Rating, Add</i>	885.22	
<i>For Class 56 Rating, Add</i>	1,173.48	
40 05 19 00-0672 EA 8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,579.30	381.75
<i>For Class 52 Rating, Deduct</i>	-440.10	
<i>For Class 54 Rating, Add</i>	607.08	
<i>For Class 55 Rating, Add</i>	906.08	
<i>For Class 56 Rating, Add</i>	1,201.09	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-0673	EA	8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	4,676.86	384.73
		<i>For Class 52 Rating, Deduct</i>		-450.33	
		<i>For Class 54 Rating, Add</i>		621.09	
		<i>For Class 55 Rating, Add</i>		926.94	
		<i>For Class 56 Rating, Add</i>		1,228.70	
40 05 19 00-0674	EA	8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	4,774.43	387.71
		<i>For Class 52 Rating, Deduct</i>		-460.57	
		<i>For Class 54 Rating, Add</i>		635.10	
		<i>For Class 55 Rating, Add</i>		947.80	
		<i>For Class 56 Rating, Add</i>		1,256.31	
40 05 19 00-0675 10" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>					
40 05 19 00-0676	EA	10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	1,339.27	334.03
		<i>For Class 52 Rating, Deduct</i>		-91.65	
		<i>For Class 54 Rating, Add</i>		131.05	
		<i>For Class 55 Rating, Add</i>		197.94	
		<i>For Class 56 Rating, Add</i>		264.00	
40 05 19 00-0677	EA	10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	1,466.44	337.00
		<i>For Class 52 Rating, Deduct</i>		-105.14	
		<i>For Class 54 Rating, Add</i>		149.50	
		<i>For Class 55 Rating, Add</i>		225.40	
		<i>For Class 56 Rating, Add</i>		300.35	
40 05 19 00-0678	EA	10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	1,593.61	339.99
		<i>For Class 52 Rating, Deduct</i>		-118.63	
		<i>For Class 54 Rating, Add</i>		167.95	
		<i>For Class 55 Rating, Add</i>		252.86	
		<i>For Class 56 Rating, Add</i>		336.69	
40 05 19 00-0679	EA	10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	1,720.78	342.97
		<i>For Class 52 Rating, Deduct</i>		-132.12	
		<i>For Class 54 Rating, Add</i>		186.40	
		<i>For Class 55 Rating, Add</i>		280.32	
		<i>For Class 56 Rating, Add</i>		373.04	
40 05 19 00-0680	EA	10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	1,847.94	345.95
		<i>For Class 52 Rating, Deduct</i>		-145.61	
		<i>For Class 54 Rating, Add</i>		204.85	
		<i>For Class 55 Rating, Add</i>		307.78	
		<i>For Class 56 Rating, Add</i>		409.38	
40 05 19 00-0681	EA	10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	1,975.10	348.94
		<i>For Class 52 Rating, Deduct</i>		-159.11	
		<i>For Class 54 Rating, Add</i>		223.31	
		<i>For Class 55 Rating, Add</i>		335.24	
		<i>For Class 56 Rating, Add</i>		445.72	
40 05 19 00-0682	EA	10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	2,102.28	351.92
		<i>For Class 52 Rating, Deduct</i>		-172.60	
		<i>For Class 54 Rating, Add</i>		241.76	
		<i>For Class 55 Rating, Add</i>		362.70	
		<i>For Class 56 Rating, Add</i>		482.07	
40 05 19 00-0683	EA	10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	2,229.44	354.90
		<i>For Class 52 Rating, Deduct</i>		-186.09	
		<i>For Class 54 Rating, Add</i>		260.21	
		<i>For Class 55 Rating, Add</i>		390.16	
		<i>For Class 56 Rating, Add</i>		518.41	
40 05 19 00-0684	EA	10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	2,356.62	357.88
		<i>For Class 52 Rating, Deduct</i>		-199.58	
		<i>For Class 54 Rating, Add</i>		278.66	
		<i>For Class 55 Rating, Add</i>		417.62	
		<i>For Class 56 Rating, Add</i>		554.76	
40 05 19 00-0685	EA	10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	2,483.78	360.87
		<i>For Class 52 Rating, Deduct</i>		-213.07	
		<i>For Class 54 Rating, Add</i>		297.11	
		<i>For Class 55 Rating, Add</i>		445.08	
		<i>For Class 56 Rating, Add</i>		591.10	
40 05 19 00-0686	EA	10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	.....	2,610.94	363.85
		<i>For Class 52 Rating, Deduct</i>		-226.56	
		<i>For Class 54 Rating, Add</i>		315.56	
		<i>For Class 55 Rating, Add</i>		472.53	
		<i>For Class 56 Rating, Add</i>		627.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0687 EA 10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,738.12	366.83
For Class 52 Rating, Deduct	-240.05	
For Class 54 Rating, Add	334.02	
For Class 55 Rating, Add	499.99	
For Class 56 Rating, Add	663.79	
40 05 19 00-0688 EA 10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,865.28	369.82
For Class 52 Rating, Deduct	-253.55	
For Class 54 Rating, Add	352.47	
For Class 55 Rating, Add	527.45	
For Class 56 Rating, Add	700.13	
40 05 19 00-0689 EA 10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,992.46	372.80
For Class 52 Rating, Deduct	-267.04	
For Class 54 Rating, Add	370.92	
For Class 55 Rating, Add	554.91	
For Class 56 Rating, Add	736.48	
40 05 19 00-0690 EA 10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,119.62	375.78
For Class 52 Rating, Deduct	-280.53	
For Class 54 Rating, Add	389.37	
For Class 55 Rating, Add	582.37	
For Class 56 Rating, Add	772.82	
40 05 19 00-0691 EA 10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,246.79	378.76
For Class 52 Rating, Deduct	-294.02	
For Class 54 Rating, Add	407.82	
For Class 55 Rating, Add	609.83	
For Class 56 Rating, Add	809.17	
40 05 19 00-0692 EA 10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,373.95	381.75
For Class 52 Rating, Deduct	-307.51	
For Class 54 Rating, Add	426.27	
For Class 55 Rating, Add	637.29	
For Class 56 Rating, Add	845.51	
40 05 19 00-0693 EA 10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,501.12	384.73
For Class 52 Rating, Deduct	-321.00	
For Class 54 Rating, Add	444.73	
For Class 55 Rating, Add	664.75	
For Class 56 Rating, Add	881.85	
40 05 19 00-0694 EA 10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,628.29	387.71
For Class 52 Rating, Deduct	-334.49	
For Class 54 Rating, Add	463.18	
For Class 55 Rating, Add	692.21	
For Class 56 Rating, Add	918.20	
40 05 19 00-0695 EA 10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,755.46	390.69
For Class 52 Rating, Deduct	-347.99	
For Class 54 Rating, Add	481.63	
For Class 55 Rating, Add	719.67	
For Class 56 Rating, Add	954.54	
40 05 19 00-0696 EA 10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,882.63	393.68
For Class 52 Rating, Deduct	-361.48	
For Class 54 Rating, Add	500.08	
For Class 55 Rating, Add	747.13	
For Class 56 Rating, Add	990.89	
40 05 19 00-0697 EA 10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,009.80	396.66
For Class 52 Rating, Deduct	-374.97	
For Class 54 Rating, Add	518.53	
For Class 55 Rating, Add	774.59	
For Class 56 Rating, Add	1,027.23	
40 05 19 00-0698 EA 10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,136.97	399.64
For Class 52 Rating, Deduct	-388.46	
For Class 54 Rating, Add	536.98	
For Class 55 Rating, Add	802.05	
For Class 56 Rating, Add	1,063.58	
40 05 19 00-0699 EA 10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,264.13	402.63
For Class 52 Rating, Deduct	-401.95	
For Class 54 Rating, Add	555.44	
For Class 55 Rating, Add	829.51	
For Class 56 Rating, Add	1,099.92	
40 05 19 00-0700 EA 10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,391.30	405.61
For Class 52 Rating, Deduct	-415.44	
For Class 54 Rating, Add	573.89	
For Class 55 Rating, Add	856.96	
For Class 56 Rating, Add	1,136.27	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0701	EA		10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,518.47	408.59
			<i>For Class 52 Rating, Deduct</i>	-428.93	
			<i>For Class 54 Rating, Add</i>	592.34	
			<i>For Class 55 Rating, Add</i>	884.42	
			<i>For Class 56 Rating, Add</i>	1,172.61	
40 05 19 00-0702	EA		10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,645.64	411.57
			<i>For Class 52 Rating, Deduct</i>	-442.43	
			<i>For Class 54 Rating, Add</i>	610.79	
			<i>For Class 55 Rating, Add</i>	911.88	
			<i>For Class 56 Rating, Add</i>	1,208.95	
40 05 19 00-0703	EA		10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,772.80	414.55
			<i>For Class 52 Rating, Deduct</i>	-455.92	
			<i>For Class 54 Rating, Add</i>	629.24	
			<i>For Class 55 Rating, Add</i>	939.34	
			<i>For Class 56 Rating, Add</i>	1,245.30	
40 05 19 00-0704	EA		10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,899.97	417.53
			<i>For Class 52 Rating, Deduct</i>	-469.41	
			<i>For Class 54 Rating, Add</i>	647.69	
			<i>For Class 55 Rating, Add</i>	966.80	
			<i>For Class 56 Rating, Add</i>	1,281.64	
40 05 19 00-0705	EA		10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,027.14	420.51
			<i>For Class 52 Rating, Deduct</i>	-482.90	
			<i>For Class 54 Rating, Add</i>	666.14	
			<i>For Class 55 Rating, Add</i>	994.26	
			<i>For Class 56 Rating, Add</i>	1,317.98	
40 05 19 00-0706	EA		10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,154.31	423.50
			<i>For Class 52 Rating, Deduct</i>	-496.39	
			<i>For Class 54 Rating, Add</i>	684.60	
			<i>For Class 55 Rating, Add</i>	1,021.72	
			<i>For Class 56 Rating, Add</i>	1,354.33	
40 05 19 00-0707	EA		10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,281.47	426.48
			<i>For Class 52 Rating, Deduct</i>	-509.88	
			<i>For Class 54 Rating, Add</i>	703.05	
			<i>For Class 55 Rating, Add</i>	1,049.18	
			<i>For Class 56 Rating, Add</i>	1,390.67	
40 05 19 00-0708	EA		10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,408.65	429.46
			<i>For Class 52 Rating, Deduct</i>	-523.37	
			<i>For Class 54 Rating, Add</i>	721.50	
			<i>For Class 55 Rating, Add</i>	1,076.64	
			<i>For Class 56 Rating, Add</i>	1,427.02	
40 05 19 00-0709	EA		10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,535.81	432.44
			<i>For Class 52 Rating, Deduct</i>	-536.86	
			<i>For Class 54 Rating, Add</i>	739.95	
			<i>For Class 55 Rating, Add</i>	1,104.10	
			<i>For Class 56 Rating, Add</i>	1,463.36	
40 05 19 00-0710	EA		10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,662.98	435.43
			<i>For Class 52 Rating, Deduct</i>	-550.36	
			<i>For Class 54 Rating, Add</i>	758.40	
			<i>For Class 55 Rating, Add</i>	1,131.56	
			<i>For Class 56 Rating, Add</i>	1,499.71	
40 05 19 00-0711	EA		10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,790.15	438.41
			<i>For Class 52 Rating, Deduct</i>	-563.85	
			<i>For Class 54 Rating, Add</i>	776.85	
			<i>For Class 55 Rating, Add</i>	1,159.02	
			<i>For Class 56 Rating, Add</i>	1,536.05	
40 05 19 00-0712	EA		10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,917.31	441.39
			<i>For Class 52 Rating, Deduct</i>	-577.34	
			<i>For Class 54 Rating, Add</i>	795.31	
			<i>For Class 55 Rating, Add</i>	1,186.47	
			<i>For Class 56 Rating, Add</i>	1,572.40	
40 05 19 00-0713	EA		10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,044.49	444.37
			<i>For Class 52 Rating, Deduct</i>	-590.83	
			<i>For Class 54 Rating, Add</i>	813.76	
			<i>For Class 55 Rating, Add</i>	1,213.93	
			<i>For Class 56 Rating, Add</i>	1,608.74	
40 05 19 00-0714	EA		10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,171.64	447.36
			<i>For Class 52 Rating, Deduct</i>	-604.32	
			<i>For Class 54 Rating, Add</i>	832.21	
			<i>For Class 55 Rating, Add</i>	1,241.39	
			<i>For Class 56 Rating, Add</i>	1,645.08	

40 05 19 00-0715 12" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0554)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0716 EA 12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,736.47	417.53
For Class 52 Rating, Deduct	-121.42	
For Class 54 Rating, Add	173.17	
For Class 55 Rating, Add	261.34	
For Class 56 Rating, Add	348.41	
40 05 19 00-0717 EA 12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,895.36	420.51
For Class 52 Rating, Deduct	-138.40	
For Class 54 Rating, Add	196.38	
For Class 55 Rating, Add	295.87	
For Class 56 Rating, Add	394.11	
40 05 19 00-0718 EA 12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,054.25	423.50
For Class 52 Rating, Deduct	-155.38	
For Class 54 Rating, Add	219.59	
For Class 55 Rating, Add	330.41	
For Class 56 Rating, Add	439.81	
40 05 19 00-0719 EA 12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,213.13	426.48
For Class 52 Rating, Deduct	-172.36	
For Class 54 Rating, Add	242.80	
For Class 55 Rating, Add	364.94	
For Class 56 Rating, Add	485.51	
40 05 19 00-0720 EA 12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,372.03	429.46
For Class 52 Rating, Deduct	-189.35	
For Class 54 Rating, Add	266.01	
For Class 55 Rating, Add	399.47	
For Class 56 Rating, Add	531.21	
40 05 19 00-0721 EA 12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,530.91	432.44
For Class 52 Rating, Deduct	-206.33	
For Class 54 Rating, Add	289.22	
For Class 55 Rating, Add	434.00	
For Class 56 Rating, Add	576.92	
40 05 19 00-0722 EA 12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,689.79	435.43
For Class 52 Rating, Deduct	-223.31	
For Class 54 Rating, Add	312.42	
For Class 55 Rating, Add	468.53	
For Class 56 Rating, Add	622.62	
40 05 19 00-0723 EA 12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,848.68	438.41
For Class 52 Rating, Deduct	-240.29	
For Class 54 Rating, Add	335.63	
For Class 55 Rating, Add	503.07	
For Class 56 Rating, Add	668.32	
40 05 19 00-0724 EA 12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,007.56	441.39
For Class 52 Rating, Deduct	-257.27	
For Class 54 Rating, Add	358.84	
For Class 55 Rating, Add	537.60	
For Class 56 Rating, Add	714.02	
40 05 19 00-0725 EA 12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,166.46	444.37
For Class 52 Rating, Deduct	-274.25	
For Class 54 Rating, Add	382.05	
For Class 55 Rating, Add	572.13	
For Class 56 Rating, Add	759.72	
40 05 19 00-0726 EA 12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,325.34	447.36
For Class 52 Rating, Deduct	-291.23	
For Class 54 Rating, Add	405.26	
For Class 55 Rating, Add	606.67	
For Class 56 Rating, Add	805.42	
40 05 19 00-0727 EA 12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,484.24	450.34
For Class 52 Rating, Deduct	-308.21	
For Class 54 Rating, Add	428.47	
For Class 55 Rating, Add	641.20	
For Class 56 Rating, Add	851.12	
40 05 19 00-0728 EA 12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,643.12	453.32
For Class 52 Rating, Deduct	-325.19	
For Class 54 Rating, Add	451.68	
For Class 55 Rating, Add	675.73	
For Class 56 Rating, Add	896.83	
40 05 19 00-0729 EA 12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,802.02	456.31
For Class 52 Rating, Deduct	-342.17	
For Class 54 Rating, Add	474.89	
For Class 55 Rating, Add	710.27	
For Class 56 Rating, Add	942.53	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0730	EA		12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,960.89	459.29
			<i>For Class 52 Rating, Deduct</i>	-359.15	
			<i>For Class 54 Rating, Add</i>	498.10	
			<i>For Class 55 Rating, Add</i>	744.80	
			<i>For Class 56 Rating, Add</i>	988.23	
40 05 19 00-0731	EA		12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,119.78	462.27
			<i>For Class 52 Rating, Deduct</i>	-376.13	
			<i>For Class 54 Rating, Add</i>	521.31	
			<i>For Class 55 Rating, Add</i>	779.33	
			<i>For Class 56 Rating, Add</i>	1,033.93	
40 05 19 00-0732	EA		12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,278.67	465.25
			<i>For Class 52 Rating, Deduct</i>	-393.11	
			<i>For Class 54 Rating, Add</i>	544.52	
			<i>For Class 55 Rating, Add</i>	813.86	
			<i>For Class 56 Rating, Add</i>	1,079.63	
40 05 19 00-0733	EA		12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,437.55	468.24
			<i>For Class 52 Rating, Deduct</i>	-410.09	
			<i>For Class 54 Rating, Add</i>	567.73	
			<i>For Class 55 Rating, Add</i>	848.40	
			<i>For Class 56 Rating, Add</i>	1,125.33	
40 05 19 00-0734	EA		12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,596.45	471.22
			<i>For Class 52 Rating, Deduct</i>	-427.07	
			<i>For Class 54 Rating, Add</i>	590.94	
			<i>For Class 55 Rating, Add</i>	882.93	
			<i>For Class 56 Rating, Add</i>	1,171.03	
40 05 19 00-0735	EA		12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,755.33	474.20
			<i>For Class 52 Rating, Deduct</i>	-444.05	
			<i>For Class 54 Rating, Add</i>	614.15	
			<i>For Class 55 Rating, Add</i>	917.46	
			<i>For Class 56 Rating, Add</i>	1,216.74	
40 05 19 00-0736	EA		12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,914.23	477.19
			<i>For Class 52 Rating, Deduct</i>	-461.03	
			<i>For Class 54 Rating, Add</i>	637.36	
			<i>For Class 55 Rating, Add</i>	951.99	
			<i>For Class 56 Rating, Add</i>	1,262.44	
40 05 19 00-0737	EA		12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,073.11	480.17
			<i>For Class 52 Rating, Deduct</i>	-478.01	
			<i>For Class 54 Rating, Add</i>	660.57	
			<i>For Class 55 Rating, Add</i>	986.53	
			<i>For Class 56 Rating, Add</i>	1,308.14	
40 05 19 00-0738	EA		12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,231.99	483.15
			<i>For Class 52 Rating, Deduct</i>	-494.99	
			<i>For Class 54 Rating, Add</i>	683.78	
			<i>For Class 55 Rating, Add</i>	1,021.06	
			<i>For Class 56 Rating, Add</i>	1,353.84	
40 05 19 00-0739	EA		12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,390.88	486.13
			<i>For Class 52 Rating, Deduct</i>	-511.98	
			<i>For Class 54 Rating, Add</i>	706.99	
			<i>For Class 55 Rating, Add</i>	1,055.59	
			<i>For Class 56 Rating, Add</i>	1,399.54	
40 05 19 00-0740	EA		12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,549.77	489.11
			<i>For Class 52 Rating, Deduct</i>	-528.96	
			<i>For Class 54 Rating, Add</i>	730.20	
			<i>For Class 55 Rating, Add</i>	1,090.12	
			<i>For Class 56 Rating, Add</i>	1,445.24	
40 05 19 00-0741	EA		12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,708.66	492.09
			<i>For Class 52 Rating, Deduct</i>	-545.94	
			<i>For Class 54 Rating, Add</i>	753.41	
			<i>For Class 55 Rating, Add</i>	1,124.66	
			<i>For Class 56 Rating, Add</i>	1,490.94	
40 05 19 00-0742	EA		12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,867.55	495.07
			<i>For Class 52 Rating, Deduct</i>	-562.92	
			<i>For Class 54 Rating, Add</i>	776.62	
			<i>For Class 55 Rating, Add</i>	1,159.19	
			<i>For Class 56 Rating, Add</i>	1,536.65	
40 05 19 00-0743	EA		12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,026.43	498.06
			<i>For Class 52 Rating, Deduct</i>	-579.90	
			<i>For Class 54 Rating, Add</i>	799.83	
			<i>For Class 55 Rating, Add</i>	1,193.72	
			<i>For Class 56 Rating, Add</i>	1,582.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0744 EA 12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,185.32	501.04
For Class 52 Rating, Deduct	-596.88	
For Class 54 Rating, Add	823.04	
For Class 55 Rating, Add	1,228.26	
For Class 56 Rating, Add	1,628.05	
40 05 19 00-0745 EA 12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,344.21	504.02
For Class 52 Rating, Deduct	-613.86	
For Class 54 Rating, Add	846.25	
For Class 55 Rating, Add	1,262.79	
For Class 56 Rating, Add	1,673.75	
40 05 19 00-0746 EA 12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,503.09	507.00
For Class 52 Rating, Deduct	-630.84	
For Class 54 Rating, Add	869.45	
For Class 55 Rating, Add	1,297.32	
For Class 56 Rating, Add	1,719.45	
40 05 19 00-0747 EA 12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,661.98	509.99
For Class 52 Rating, Deduct	-647.82	
For Class 54 Rating, Add	892.66	
For Class 55 Rating, Add	1,331.85	
For Class 56 Rating, Add	1,765.15	
40 05 19 00-0748 EA 12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,820.87	512.97
For Class 52 Rating, Deduct	-664.80	
For Class 54 Rating, Add	915.87	
For Class 55 Rating, Add	1,366.39	
For Class 56 Rating, Add	1,810.85	
40 05 19 00-0749 EA 12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,979.76	515.95
For Class 52 Rating, Deduct	-681.78	
For Class 54 Rating, Add	939.08	
For Class 55 Rating, Add	1,400.92	
For Class 56 Rating, Add	1,856.56	
40 05 19 00-0750 EA 12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,138.64	518.93
For Class 52 Rating, Deduct	-698.76	
For Class 54 Rating, Add	962.29	
For Class 55 Rating, Add	1,435.45	
For Class 56 Rating, Add	1,902.26	
40 05 19 00-0751 EA 12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,297.54	521.92
For Class 52 Rating, Deduct	-715.74	
For Class 54 Rating, Add	985.50	
For Class 55 Rating, Add	1,469.98	
For Class 56 Rating, Add	1,947.96	
40 05 19 00-0752 EA 12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,456.42	524.90
For Class 52 Rating, Deduct	-732.72	
For Class 54 Rating, Add	1,008.71	
For Class 55 Rating, Add	1,504.52	
For Class 56 Rating, Add	1,993.66	
40 05 19 00-0753 EA 12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,615.31	527.88
For Class 52 Rating, Deduct	-749.70	
For Class 54 Rating, Add	1,031.92	
For Class 55 Rating, Add	1,539.05	
For Class 56 Rating, Add	2,039.36	
40 05 19 00-0754 EA 12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,774.19	530.87
For Class 52 Rating, Deduct	-766.68	
For Class 54 Rating, Add	1,055.13	
For Class 55 Rating, Add	1,573.58	
For Class 56 Rating, Add	2,085.06	
40 05 19 00-0755 14" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0756 EA 14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,408.57	501.04
For Class 52 Rating, Deduct	-181.44	
For Class 54 Rating, Add	256.52	
For Class 55 Rating, Add	386.04	
For Class 56 Rating, Add	513.91	
40 05 19 00-0757 EA 14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,601.29	504.02
For Class 52 Rating, Deduct	-202.14	
For Class 54 Rating, Add	284.81	
For Class 55 Rating, Add	428.12	
For Class 56 Rating, Add	569.59	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0758	EA		14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,794.02	507.00
			<i>For Class 52 Rating, Deduct</i>	-222.84	
			<i>For Class 54 Rating, Add</i>	313.09	
			<i>For Class 55 Rating, Add</i>	470.20	
			<i>For Class 56 Rating, Add</i>	625.27	
40 05 19 00-0759	EA		14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,986.74	509.99
			<i>For Class 52 Rating, Deduct</i>	-243.54	
			<i>For Class 54 Rating, Add</i>	341.38	
			<i>For Class 55 Rating, Add</i>	512.27	
			<i>For Class 56 Rating, Add</i>	680.96	
40 05 19 00-0760	EA		14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,179.46	512.97
			<i>For Class 52 Rating, Deduct</i>	-264.25	
			<i>For Class 54 Rating, Add</i>	369.66	
			<i>For Class 55 Rating, Add</i>	554.35	
			<i>For Class 56 Rating, Add</i>	736.64	
40 05 19 00-0761	EA		14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,372.18	515.95
			<i>For Class 52 Rating, Deduct</i>	-284.95	
			<i>For Class 54 Rating, Add</i>	397.95	
			<i>For Class 55 Rating, Add</i>	596.43	
			<i>For Class 56 Rating, Add</i>	792.32	
40 05 19 00-0762	EA		14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,564.90	518.93
			<i>For Class 52 Rating, Deduct</i>	-305.65	
			<i>For Class 54 Rating, Add</i>	426.23	
			<i>For Class 55 Rating, Add</i>	638.51	
			<i>For Class 56 Rating, Add</i>	848.00	
40 05 19 00-0763	EA		14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,757.63	521.92
			<i>For Class 52 Rating, Deduct</i>	-326.35	
			<i>For Class 54 Rating, Add</i>	454.52	
			<i>For Class 55 Rating, Add</i>	680.58	
			<i>For Class 56 Rating, Add</i>	903.69	
40 05 19 00-0764	EA		14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,950.34	524.90
			<i>For Class 52 Rating, Deduct</i>	-347.05	
			<i>For Class 54 Rating, Add</i>	482.80	
			<i>For Class 55 Rating, Add</i>	722.66	
			<i>For Class 56 Rating, Add</i>	959.37	
40 05 19 00-0765	EA		14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,143.08	527.88
			<i>For Class 52 Rating, Deduct</i>	-367.76	
			<i>For Class 54 Rating, Add</i>	511.09	
			<i>For Class 55 Rating, Add</i>	764.74	
			<i>For Class 56 Rating, Add</i>	1,015.05	
40 05 19 00-0766	EA		14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,335.79	530.87
			<i>For Class 52 Rating, Deduct</i>	-388.46	
			<i>For Class 54 Rating, Add</i>	539.37	
			<i>For Class 55 Rating, Add</i>	806.82	
			<i>For Class 56 Rating, Add</i>	1,070.73	
40 05 19 00-0767	EA		14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,528.51	533.85
			<i>For Class 52 Rating, Deduct</i>	-409.16	
			<i>For Class 54 Rating, Add</i>	567.65	
			<i>For Class 55 Rating, Add</i>	848.89	
			<i>For Class 56 Rating, Add</i>	1,126.42	
40 05 19 00-0768	EA		14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,721.23	536.83
			<i>For Class 52 Rating, Deduct</i>	-429.86	
			<i>For Class 54 Rating, Add</i>	595.94	
			<i>For Class 55 Rating, Add</i>	890.97	
			<i>For Class 56 Rating, Add</i>	1,182.10	
40 05 19 00-0769	EA		14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,913.95	539.81
			<i>For Class 52 Rating, Deduct</i>	-450.57	
			<i>For Class 54 Rating, Add</i>	624.22	
			<i>For Class 55 Rating, Add</i>	933.05	
			<i>For Class 56 Rating, Add</i>	1,237.78	
40 05 19 00-0770	EA		14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,106.68	542.80
			<i>For Class 52 Rating, Deduct</i>	-471.27	
			<i>For Class 54 Rating, Add</i>	652.51	
			<i>For Class 55 Rating, Add</i>	975.13	
			<i>For Class 56 Rating, Add</i>	1,293.46	
40 05 19 00-0771	EA		14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,299.39	545.78
			<i>For Class 52 Rating, Deduct</i>	-491.97	
			<i>For Class 54 Rating, Add</i>	680.79	
			<i>For Class 55 Rating, Add</i>	1,017.20	
			<i>For Class 56 Rating, Add</i>	1,349.15	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0772 EA 14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,492.13	548.76
For Class 52 Rating, Deduct	-512.67	
For Class 54 Rating, Add	709.08	
For Class 55 Rating, Add	1,059.28	
For Class 56 Rating, Add	1,404.83	
40 05 19 00-0773 EA 14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,684.84	551.75
For Class 52 Rating, Deduct	-533.38	
For Class 54 Rating, Add	737.36	
For Class 55 Rating, Add	1,101.36	
For Class 56 Rating, Add	1,460.51	
40 05 19 00-0774 EA 14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,877.56	554.73
For Class 52 Rating, Deduct	-554.08	
For Class 54 Rating, Add	765.65	
For Class 55 Rating, Add	1,143.44	
For Class 56 Rating, Add	1,516.19	
40 05 19 00-0775 EA 14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,070.29	557.71
For Class 52 Rating, Deduct	-574.78	
For Class 54 Rating, Add	793.93	
For Class 55 Rating, Add	1,185.52	
For Class 56 Rating, Add	1,571.88	
40 05 19 00-0776 EA 14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,263.01	560.69
For Class 52 Rating, Deduct	-595.48	
For Class 54 Rating, Add	822.22	
For Class 55 Rating, Add	1,227.59	
For Class 56 Rating, Add	1,627.56	
40 05 19 00-0777 EA 14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,455.73	563.67
For Class 52 Rating, Deduct	-616.18	
For Class 54 Rating, Add	850.50	
For Class 55 Rating, Add	1,269.67	
For Class 56 Rating, Add	1,683.24	
40 05 19 00-0778 EA 14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,648.44	566.65
For Class 52 Rating, Deduct	-636.89	
For Class 54 Rating, Add	878.78	
For Class 55 Rating, Add	1,311.75	
For Class 56 Rating, Add	1,738.92	
40 05 19 00-0779 EA 14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,841.18	569.63
For Class 52 Rating, Deduct	-657.59	
For Class 54 Rating, Add	907.07	
For Class 55 Rating, Add	1,353.83	
For Class 56 Rating, Add	1,794.61	
40 05 19 00-0780 EA 14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,033.89	572.61
For Class 52 Rating, Deduct	-678.29	
For Class 54 Rating, Add	935.35	
For Class 55 Rating, Add	1,395.91	
For Class 56 Rating, Add	1,850.29	
40 05 19 00-0781 EA 14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,226.61	575.60
For Class 52 Rating, Deduct	-698.99	
For Class 54 Rating, Add	963.64	
For Class 55 Rating, Add	1,437.98	
For Class 56 Rating, Add	1,905.97	
40 05 19 00-0782 EA 14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,419.34	578.58
For Class 52 Rating, Deduct	-719.70	
For Class 54 Rating, Add	991.92	
For Class 55 Rating, Add	1,480.06	
For Class 56 Rating, Add	1,961.66	
40 05 19 00-0783 EA 14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,612.06	581.56
For Class 52 Rating, Deduct	-740.40	
For Class 54 Rating, Add	1,020.21	
For Class 55 Rating, Add	1,522.14	
For Class 56 Rating, Add	2,017.34	
40 05 19 00-0784 EA 14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,804.78	584.55
For Class 52 Rating, Deduct	-761.10	
For Class 54 Rating, Add	1,048.49	
For Class 55 Rating, Add	1,564.22	
For Class 56 Rating, Add	2,073.02	
40 05 19 00-0785 EA 14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,997.50	587.53
For Class 52 Rating, Deduct	-781.80	
For Class 54 Rating, Add	1,076.78	
For Class 55 Rating, Add	1,606.29	
For Class 56 Rating, Add	2,128.70	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0786	EA		14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,190.23	590.51
			<i>For Class 52 Rating, Deduct</i>	-802.51	
			<i>For Class 54 Rating, Add</i>	1,105.06	
			<i>For Class 55 Rating, Add</i>	1,648.37	
			<i>For Class 56 Rating, Add</i>	2,184.39	
40 05 19 00-0787	EA		14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,382.95	593.49
			<i>For Class 52 Rating, Deduct</i>	-823.21	
			<i>For Class 54 Rating, Add</i>	1,133.35	
			<i>For Class 55 Rating, Add</i>	1,690.45	
			<i>For Class 56 Rating, Add</i>	2,240.07	
40 05 19 00-0788	EA		14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,575.66	596.48
			<i>For Class 52 Rating, Deduct</i>	-843.91	
			<i>For Class 54 Rating, Add</i>	1,161.63	
			<i>For Class 55 Rating, Add</i>	1,732.53	
			<i>For Class 56 Rating, Add</i>	2,295.75	
40 05 19 00-0789	EA		14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,768.39	599.46
			<i>For Class 52 Rating, Deduct</i>	-864.61	
			<i>For Class 54 Rating, Add</i>	1,189.92	
			<i>For Class 55 Rating, Add</i>	1,774.61	
			<i>For Class 56 Rating, Add</i>	2,351.43	
40 05 19 00-0790	EA		14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,961.11	602.44
			<i>For Class 52 Rating, Deduct</i>	-885.32	
			<i>For Class 54 Rating, Add</i>	1,218.20	
			<i>For Class 55 Rating, Add</i>	1,816.68	
			<i>For Class 56 Rating, Add</i>	2,407.11	
40 05 19 00-0791	EA		14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,153.83	605.43
			<i>For Class 52 Rating, Deduct</i>	-906.02	
			<i>For Class 54 Rating, Add</i>	1,246.49	
			<i>For Class 55 Rating, Add</i>	1,858.76	
			<i>For Class 56 Rating, Add</i>	2,462.80	
40 05 19 00-0792	EA		14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,346.56	608.41
			<i>For Class 52 Rating, Deduct</i>	-926.72	
			<i>For Class 54 Rating, Add</i>	1,274.77	
			<i>For Class 55 Rating, Add</i>	1,900.84	
			<i>For Class 56 Rating, Add</i>	2,518.48	
40 05 19 00-0793	EA		14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,539.28	611.39
			<i>For Class 52 Rating, Deduct</i>	-947.42	
			<i>For Class 54 Rating, Add</i>	1,303.06	
			<i>For Class 55 Rating, Add</i>	1,942.92	
			<i>For Class 56 Rating, Add</i>	2,574.16	
40 05 19 00-0794			16" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0795	EA		16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,819.41	572.61
			<i>For Class 52 Rating, Deduct</i>	-214.70	
			<i>For Class 54 Rating, Add</i>	303.18	
			<i>For Class 55 Rating, Add</i>	456.08	
			<i>For Class 56 Rating, Add</i>	607.02	
40 05 19 00-0796	EA		16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,043.86	575.60
			<i>For Class 52 Rating, Deduct</i>	-238.89	
			<i>For Class 54 Rating, Add</i>	336.23	
			<i>For Class 55 Rating, Add</i>	505.23	
			<i>For Class 56 Rating, Add</i>	672.06	
40 05 19 00-0797	EA		16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,268.30	578.58
			<i>For Class 52 Rating, Deduct</i>	-263.08	
			<i>For Class 54 Rating, Add</i>	369.27	
			<i>For Class 55 Rating, Add</i>	554.38	
			<i>For Class 56 Rating, Add</i>	737.10	
40 05 19 00-0798	EA		16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,492.74	581.56
			<i>For Class 52 Rating, Deduct</i>	-287.27	
			<i>For Class 54 Rating, Add</i>	402.31	
			<i>For Class 55 Rating, Add</i>	603.53	
			<i>For Class 56 Rating, Add</i>	802.14	
40 05 19 00-0799	EA		16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,717.18	584.55
			<i>For Class 52 Rating, Deduct</i>	-311.47	
			<i>For Class 54 Rating, Add</i>	435.35	
			<i>For Class 55 Rating, Add</i>	652.68	
			<i>For Class 56 Rating, Add</i>	867.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0800 EA 16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,941.63	587.53
For Class 52 Rating, Deduct	-335.66	
For Class 54 Rating, Add	468.40	
For Class 55 Rating, Add	701.83	
For Class 56 Rating, Add	932.22	
40 05 19 00-0801 EA 16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,166.07	590.51
For Class 52 Rating, Deduct	-359.85	
For Class 54 Rating, Add	501.44	
For Class 55 Rating, Add	750.98	
For Class 56 Rating, Add	997.26	
40 05 19 00-0802 EA 16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,390.51	593.49
For Class 52 Rating, Deduct	-384.04	
For Class 54 Rating, Add	534.48	
For Class 55 Rating, Add	800.13	
For Class 56 Rating, Add	1,062.30	
40 05 19 00-0803 EA 16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,614.94	596.48
For Class 52 Rating, Deduct	-408.23	
For Class 54 Rating, Add	567.52	
For Class 55 Rating, Add	849.29	
For Class 56 Rating, Add	1,127.34	
40 05 19 00-0804 EA 16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,818.24	599.46
For Class 52 Rating, Deduct	-430.10	
For Class 54 Rating, Add	597.39	
For Class 55 Rating, Add	893.72	
For Class 56 Rating, Add	1,186.14	
40 05 19 00-0805 EA 16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,063.83	602.44
For Class 52 Rating, Deduct	-456.61	
For Class 54 Rating, Add	633.61	
For Class 55 Rating, Add	947.59	
For Class 56 Rating, Add	1,257.42	
40 05 19 00-0806 EA 16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,288.27	605.43
For Class 52 Rating, Deduct	-480.81	
For Class 54 Rating, Add	666.65	
For Class 55 Rating, Add	996.74	
For Class 56 Rating, Add	1,322.46	
40 05 19 00-0807 EA 16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,512.71	608.41
For Class 52 Rating, Deduct	-505.00	
For Class 54 Rating, Add	699.69	
For Class 55 Rating, Add	1,045.89	
For Class 56 Rating, Add	1,387.50	
40 05 19 00-0808 EA 16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,737.16	611.39
For Class 52 Rating, Deduct	-529.19	
For Class 54 Rating, Add	732.74	
For Class 55 Rating, Add	1,095.04	
For Class 56 Rating, Add	1,452.54	
40 05 19 00-0809 EA 16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,961.60	614.37
For Class 52 Rating, Deduct	-553.38	
For Class 54 Rating, Add	765.78	
For Class 55 Rating, Add	1,144.19	
For Class 56 Rating, Add	1,517.58	
40 05 19 00-0810 EA 16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,186.03	617.36
For Class 52 Rating, Deduct	-577.57	
For Class 54 Rating, Add	798.82	
For Class 55 Rating, Add	1,193.34	
For Class 56 Rating, Add	1,582.62	
40 05 19 00-0811 EA 16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,410.48	620.34
For Class 52 Rating, Deduct	-601.76	
For Class 54 Rating, Add	831.86	
For Class 55 Rating, Add	1,242.49	
For Class 56 Rating, Add	1,647.65	
40 05 19 00-0812 EA 16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,634.92	623.32
For Class 52 Rating, Deduct	-625.96	
For Class 54 Rating, Add	864.91	
For Class 55 Rating, Add	1,291.65	
For Class 56 Rating, Add	1,712.70	
40 05 19 00-0813 EA 16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,859.37	626.30
For Class 52 Rating, Deduct	-650.15	
For Class 54 Rating, Add	897.95	
For Class 55 Rating, Add	1,340.80	
For Class 56 Rating, Add	1,777.74	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0814	EA		16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,083.80	629.29
			<i>For Class 52 Rating, Deduct</i>	-674.34	
			<i>For Class 54 Rating, Add</i>	930.99	
			<i>For Class 55 Rating, Add</i>	1,389.95	
			<i>For Class 56 Rating, Add</i>	1,842.77	
40 05 19 00-0815	EA		16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,308.23	632.27
			<i>For Class 52 Rating, Deduct</i>	-698.53	
			<i>For Class 54 Rating, Add</i>	964.03	
			<i>For Class 55 Rating, Add</i>	1,439.10	
			<i>For Class 56 Rating, Add</i>	1,907.81	
40 05 19 00-0816	EA		16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,532.69	635.25
			<i>For Class 52 Rating, Deduct</i>	-722.72	
			<i>For Class 54 Rating, Add</i>	997.08	
			<i>For Class 55 Rating, Add</i>	1,488.25	
			<i>For Class 56 Rating, Add</i>	1,972.86	
40 05 19 00-0817	EA		16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,757.12	638.23
			<i>For Class 52 Rating, Deduct</i>	-746.91	
			<i>For Class 54 Rating, Add</i>	1,030.12	
			<i>For Class 55 Rating, Add</i>	1,537.40	
			<i>For Class 56 Rating, Add</i>	2,037.89	
40 05 19 00-0818	EA		16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,981.57	641.21
			<i>For Class 52 Rating, Deduct</i>	-771.10	
			<i>For Class 54 Rating, Add</i>	1,063.16	
			<i>For Class 55 Rating, Add</i>	1,586.55	
			<i>For Class 56 Rating, Add</i>	2,102.93	
40 05 19 00-0819	EA		16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,206.00	644.19
			<i>For Class 52 Rating, Deduct</i>	-795.29	
			<i>For Class 54 Rating, Add</i>	1,096.21	
			<i>For Class 55 Rating, Add</i>	1,635.70	
			<i>For Class 56 Rating, Add</i>	2,167.97	
40 05 19 00-0820	EA		16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,430.46	647.17
			<i>For Class 52 Rating, Deduct</i>	-819.49	
			<i>For Class 54 Rating, Add</i>	1,129.25	
			<i>For Class 55 Rating, Add</i>	1,684.86	
			<i>For Class 56 Rating, Add</i>	2,233.02	
40 05 19 00-0821	EA		16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,654.89	650.16
			<i>For Class 52 Rating, Deduct</i>	-843.68	
			<i>For Class 54 Rating, Add</i>	1,162.29	
			<i>For Class 55 Rating, Add</i>	1,734.01	
			<i>For Class 56 Rating, Add</i>	2,298.05	
40 05 19 00-0822	EA		16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,879.33	653.14
			<i>For Class 52 Rating, Deduct</i>	-867.87	
			<i>For Class 54 Rating, Add</i>	1,195.33	
			<i>For Class 55 Rating, Add</i>	1,783.16	
			<i>For Class 56 Rating, Add</i>	2,363.09	
40 05 19 00-0823	EA		16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,103.77	656.12
			<i>For Class 52 Rating, Deduct</i>	-892.06	
			<i>For Class 54 Rating, Add</i>	1,228.38	
			<i>For Class 55 Rating, Add</i>	1,832.31	
			<i>For Class 56 Rating, Add</i>	2,428.13	
40 05 19 00-0824	EA		16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,328.22	659.11
			<i>For Class 52 Rating, Deduct</i>	-916.25	
			<i>For Class 54 Rating, Add</i>	1,261.42	
			<i>For Class 55 Rating, Add</i>	1,881.46	
			<i>For Class 56 Rating, Add</i>	2,493.17	
40 05 19 00-0825	EA		16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,552.66	662.09
			<i>For Class 52 Rating, Deduct</i>	-940.44	
			<i>For Class 54 Rating, Add</i>	1,294.46	
			<i>For Class 55 Rating, Add</i>	1,930.61	
			<i>For Class 56 Rating, Add</i>	2,558.21	
40 05 19 00-0826	EA		16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,777.09	665.07
			<i>For Class 52 Rating, Deduct</i>	-964.64	
			<i>For Class 54 Rating, Add</i>	1,327.50	
			<i>For Class 55 Rating, Add</i>	1,979.76	
			<i>For Class 56 Rating, Add</i>	2,623.25	
40 05 19 00-0827	EA		16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,001.54	668.05
			<i>For Class 52 Rating, Deduct</i>	-988.83	
			<i>For Class 54 Rating, Add</i>	1,360.55	
			<i>For Class 55 Rating, Add</i>	2,028.91	
			<i>For Class 56 Rating, Add</i>	2,688.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0828 EA 16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,225.98	671.04
<i>For Class 52 Rating, Deduct</i>	-1,013.02	
<i>For Class 54 Rating, Add</i>	1,393.59	
<i>For Class 55 Rating, Add</i>	2,078.07	
<i>For Class 56 Rating, Add</i>	2,753.33	
40 05 19 00-0829 EA 16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,450.42	674.02
<i>For Class 52 Rating, Deduct</i>	-1,037.21	
<i>For Class 54 Rating, Add</i>	1,426.63	
<i>For Class 55 Rating, Add</i>	2,127.22	
<i>For Class 56 Rating, Add</i>	2,818.37	
40 05 19 00-0830 EA 16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,674.86	677.00
<i>For Class 52 Rating, Deduct</i>	-1,061.40	
<i>For Class 54 Rating, Add</i>	1,459.67	
<i>For Class 55 Rating, Add</i>	2,176.37	
<i>For Class 56 Rating, Add</i>	2,883.41	
40 05 19 00-0831 EA 16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,899.30	679.99
<i>For Class 52 Rating, Deduct</i>	-1,085.59	
<i>For Class 54 Rating, Add</i>	1,492.72	
<i>For Class 55 Rating, Add</i>	2,225.52	
<i>For Class 56 Rating, Add</i>	2,948.45	
40 05 19 00-0832 EA 16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	11,123.75	682.97
<i>For Class 52 Rating, Deduct</i>	-1,109.78	
<i>For Class 54 Rating, Add</i>	1,525.76	
<i>For Class 55 Rating, Add</i>	2,274.67	
<i>For Class 56 Rating, Add</i>	3,013.49	
40 05 19 00-0833 18" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0834 EA 18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,293.39	645.40
<i>For Class 52 Rating, Deduct</i>	-254.71	
<i>For Class 54 Rating, Add</i>	359.06	
<i>For Class 55 Rating, Add</i>	539.83	
<i>For Class 56 Rating, Add</i>	718.28	
40 05 19 00-0835 EA 18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,551.67	648.38
<i>For Class 52 Rating, Deduct</i>	-282.62	
<i>For Class 54 Rating, Add</i>	397.18	
<i>For Class 55 Rating, Add</i>	596.53	
<i>For Class 56 Rating, Add</i>	793.31	
40 05 19 00-0836 EA 18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,809.94	651.36
<i>For Class 52 Rating, Deduct</i>	-310.53	
<i>For Class 54 Rating, Add</i>	435.30	
<i>For Class 55 Rating, Add</i>	653.22	
<i>For Class 56 Rating, Add</i>	868.33	
40 05 19 00-0837 EA 18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,068.22	654.34
<i>For Class 52 Rating, Deduct</i>	-338.45	
<i>For Class 54 Rating, Add</i>	473.42	
<i>For Class 55 Rating, Add</i>	709.92	
<i>For Class 56 Rating, Add</i>	943.35	
40 05 19 00-0838 EA 18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,326.50	657.33
<i>For Class 52 Rating, Deduct</i>	-366.36	
<i>For Class 54 Rating, Add</i>	511.54	
<i>For Class 55 Rating, Add</i>	766.62	
<i>For Class 56 Rating, Add</i>	1,018.37	
40 05 19 00-0839 EA 18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,584.76	660.31
<i>For Class 52 Rating, Deduct</i>	-394.27	
<i>For Class 54 Rating, Add</i>	549.65	
<i>For Class 55 Rating, Add</i>	823.31	
<i>For Class 56 Rating, Add</i>	1,093.39	
40 05 19 00-0840 EA 18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,843.05	663.29
<i>For Class 52 Rating, Deduct</i>	-422.19	
<i>For Class 54 Rating, Add</i>	587.77	
<i>For Class 55 Rating, Add</i>	880.01	
<i>For Class 56 Rating, Add</i>	1,168.41	
40 05 19 00-0841 EA 18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,101.32	666.27
<i>For Class 52 Rating, Deduct</i>	-450.10	
<i>For Class 54 Rating, Add</i>	625.89	
<i>For Class 55 Rating, Add</i>	936.71	
<i>For Class 56 Rating, Add</i>	1,243.43	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0842	EA		18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,359.60	669.25
			<i>For Class 52 Rating, Deduct</i>	-478.01	
			<i>For Class 54 Rating, Add</i>	664.01	
			<i>For Class 55 Rating, Add</i>	993.40	
			<i>For Class 56 Rating, Add</i>	1,318.45	
40 05 19 00-0843	EA		18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,617.87	672.23
			<i>For Class 52 Rating, Deduct</i>	-505.93	
			<i>For Class 54 Rating, Add</i>	702.12	
			<i>For Class 55 Rating, Add</i>	1,050.10	
			<i>For Class 56 Rating, Add</i>	1,393.47	
40 05 19 00-0844	EA		18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,876.15	675.21
			<i>For Class 52 Rating, Deduct</i>	-533.84	
			<i>For Class 54 Rating, Add</i>	740.24	
			<i>For Class 55 Rating, Add</i>	1,106.79	
			<i>For Class 56 Rating, Add</i>	1,468.49	
40 05 19 00-0845	EA		18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,134.43	678.20
			<i>For Class 52 Rating, Deduct</i>	-561.75	
			<i>For Class 54 Rating, Add</i>	778.36	
			<i>For Class 55 Rating, Add</i>	1,163.49	
			<i>For Class 56 Rating, Add</i>	1,543.52	
40 05 19 00-0846	EA		18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,392.69	681.18
			<i>For Class 52 Rating, Deduct</i>	-589.67	
			<i>For Class 54 Rating, Add</i>	816.48	
			<i>For Class 55 Rating, Add</i>	1,220.19	
			<i>For Class 56 Rating, Add</i>	1,618.53	
40 05 19 00-0847	EA		18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,650.98	684.16
			<i>For Class 52 Rating, Deduct</i>	-617.58	
			<i>For Class 54 Rating, Add</i>	854.59	
			<i>For Class 55 Rating, Add</i>	1,276.88	
			<i>For Class 56 Rating, Add</i>	1,693.56	
40 05 19 00-0848	EA		18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,909.25	687.14
			<i>For Class 52 Rating, Deduct</i>	-645.49	
			<i>For Class 54 Rating, Add</i>	892.71	
			<i>For Class 55 Rating, Add</i>	1,333.58	
			<i>For Class 56 Rating, Add</i>	1,768.58	
40 05 19 00-0849	EA		18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,167.53	690.13
			<i>For Class 52 Rating, Deduct</i>	-673.41	
			<i>For Class 54 Rating, Add</i>	930.83	
			<i>For Class 55 Rating, Add</i>	1,390.27	
			<i>For Class 56 Rating, Add</i>	1,843.60	
40 05 19 00-0850	EA		18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,425.80	693.11
			<i>For Class 52 Rating, Deduct</i>	-701.32	
			<i>For Class 54 Rating, Add</i>	968.95	
			<i>For Class 55 Rating, Add</i>	1,446.97	
			<i>For Class 56 Rating, Add</i>	1,918.62	
40 05 19 00-0851	EA		18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,684.08	696.09
			<i>For Class 52 Rating, Deduct</i>	-729.23	
			<i>For Class 54 Rating, Add</i>	1,007.07	
			<i>For Class 55 Rating, Add</i>	1,503.67	
			<i>For Class 56 Rating, Add</i>	1,993.64	
40 05 19 00-0852	EA		18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,942.35	699.08
			<i>For Class 52 Rating, Deduct</i>	-757.15	
			<i>For Class 54 Rating, Add</i>	1,045.18	
			<i>For Class 55 Rating, Add</i>	1,560.36	
			<i>For Class 56 Rating, Add</i>	2,068.66	
40 05 19 00-0853	EA		18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,200.62	702.06
			<i>For Class 52 Rating, Deduct</i>	-785.06	
			<i>For Class 54 Rating, Add</i>	1,083.30	
			<i>For Class 55 Rating, Add</i>	1,617.06	
			<i>For Class 56 Rating, Add</i>	2,143.68	
40 05 19 00-0854	EA		18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,458.91	705.04
			<i>For Class 52 Rating, Deduct</i>	-812.97	
			<i>For Class 54 Rating, Add</i>	1,121.42	
			<i>For Class 55 Rating, Add</i>	1,673.76	
			<i>For Class 56 Rating, Add</i>	2,218.70	
40 05 19 00-0855	EA		18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,717.17	708.02
			<i>For Class 52 Rating, Deduct</i>	-840.89	
			<i>For Class 54 Rating, Add</i>	1,159.54	
			<i>For Class 55 Rating, Add</i>	1,730.45	
			<i>For Class 56 Rating, Add</i>	2,293.72	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0856 EA 18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,975.46	711.01
For Class 52 Rating, Deduct	-868.80	
For Class 54 Rating, Add	1,197.65	
For Class 55 Rating, Add	1,787.15	
For Class 56 Rating, Add	2,368.75	
40 05 19 00-0857 EA 18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,233.73	713.99
For Class 52 Rating, Deduct	-896.71	
For Class 54 Rating, Add	1,235.77	
For Class 55 Rating, Add	1,843.85	
For Class 56 Rating, Add	2,443.77	
40 05 19 00-0858 EA 18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,492.00	716.97
For Class 52 Rating, Deduct	-924.63	
For Class 54 Rating, Add	1,273.89	
For Class 55 Rating, Add	1,900.54	
For Class 56 Rating, Add	2,518.79	
40 05 19 00-0859 EA 18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,750.28	719.95
For Class 52 Rating, Deduct	-952.54	
For Class 54 Rating, Add	1,312.01	
For Class 55 Rating, Add	1,957.24	
For Class 56 Rating, Add	2,593.81	
40 05 19 00-0860 EA 18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,008.56	722.94
For Class 52 Rating, Deduct	-980.45	
For Class 54 Rating, Add	1,350.13	
For Class 55 Rating, Add	2,013.93	
For Class 56 Rating, Add	2,668.83	
40 05 19 00-0861 EA 18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,266.83	725.92
For Class 52 Rating, Deduct	-1,008.37	
For Class 54 Rating, Add	1,388.24	
For Class 55 Rating, Add	2,070.63	
For Class 56 Rating, Add	2,743.85	
40 05 19 00-0862 EA 18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,525.11	728.90
For Class 52 Rating, Deduct	-1,036.28	
For Class 54 Rating, Add	1,426.36	
For Class 55 Rating, Add	2,127.33	
For Class 56 Rating, Add	2,818.87	
40 05 19 00-0863 EA 18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,783.39	731.89
For Class 52 Rating, Deduct	-1,064.19	
For Class 54 Rating, Add	1,464.48	
For Class 55 Rating, Add	2,184.02	
For Class 56 Rating, Add	2,893.89	
40 05 19 00-0864 EA 18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	11,041.65	734.87
For Class 52 Rating, Deduct	-1,092.11	
For Class 54 Rating, Add	1,502.60	
For Class 55 Rating, Add	2,240.72	
For Class 56 Rating, Add	2,968.91	
40 05 19 00-0865 EA 18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	11,299.93	737.85
For Class 52 Rating, Deduct	-1,120.02	
For Class 54 Rating, Add	1,540.71	
For Class 55 Rating, Add	2,297.41	
For Class 56 Rating, Add	3,043.93	
40 05 19 00-0866 EA 18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	11,558.21	740.83
For Class 52 Rating, Deduct	-1,147.93	
For Class 54 Rating, Add	1,578.83	
For Class 55 Rating, Add	2,354.11	
For Class 56 Rating, Add	3,118.95	
40 05 19 00-0867 EA 18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	11,816.49	743.81
For Class 52 Rating, Deduct	-1,175.85	
For Class 54 Rating, Add	1,616.95	
For Class 55 Rating, Add	2,410.81	
For Class 56 Rating, Add	3,193.98	
40 05 19 00-0868 EA 18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	12,074.76	746.79
For Class 52 Rating, Deduct	-1,203.76	
For Class 54 Rating, Add	1,655.07	
For Class 55 Rating, Add	2,467.50	
For Class 56 Rating, Add	3,269.00	
40 05 19 00-0869 EA 18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	12,333.04	749.77
For Class 52 Rating, Deduct	-1,231.67	
For Class 54 Rating, Add	1,693.19	
For Class 55 Rating, Add	2,524.20	
For Class 56 Rating, Add	3,344.02	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0870	EA		18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,591.32	752.76
			<i>For Class 52 Rating, Deduct</i>	-1,259.59	
			<i>For Class 54 Rating, Add</i>	1,731.30	
			<i>For Class 55 Rating, Add</i>	2,580.90	
			<i>For Class 56 Rating, Add</i>	3,419.04	
40 05 19 00-0871	EA		18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,849.59	755.74
			<i>For Class 52 Rating, Deduct</i>	-1,287.50	
			<i>For Class 54 Rating, Add</i>	1,769.42	
			<i>For Class 55 Rating, Add</i>	2,637.59	
			<i>For Class 56 Rating, Add</i>	3,494.06	
40 05 19 00-0872			20" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0873	EA		20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,820.75	736.65
			<i>For Class 52 Rating, Deduct</i>	-297.51	
			<i>For Class 54 Rating, Add</i>	419.09	
			<i>For Class 55 Rating, Add</i>	629.92	
			<i>For Class 56 Rating, Add</i>	838.04	
40 05 19 00-0874	EA		20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,117.10	739.63
			<i>For Class 52 Rating, Deduct</i>	-329.61	
			<i>For Class 54 Rating, Add</i>	462.91	
			<i>For Class 55 Rating, Add</i>	695.10	
			<i>For Class 56 Rating, Add</i>	924.29	
40 05 19 00-0875	EA		20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,413.44	742.61
			<i>For Class 52 Rating, Deduct</i>	-361.71	
			<i>For Class 54 Rating, Add</i>	506.74	
			<i>For Class 55 Rating, Add</i>	760.29	
			<i>For Class 56 Rating, Add</i>	1,010.55	
40 05 19 00-0876	EA		20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,709.79	745.60
			<i>For Class 52 Rating, Deduct</i>	-393.81	
			<i>For Class 54 Rating, Add</i>	550.57	
			<i>For Class 55 Rating, Add</i>	825.47	
			<i>For Class 56 Rating, Add</i>	1,096.80	
40 05 19 00-0877	EA		20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,006.12	748.58
			<i>For Class 52 Rating, Deduct</i>	-425.91	
			<i>For Class 54 Rating, Add</i>	594.40	
			<i>For Class 55 Rating, Add</i>	890.66	
			<i>For Class 56 Rating, Add</i>	1,183.05	
40 05 19 00-0878	EA		20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,302.46	751.56
			<i>For Class 52 Rating, Deduct</i>	-458.01	
			<i>For Class 54 Rating, Add</i>	638.22	
			<i>For Class 55 Rating, Add</i>	955.84	
			<i>For Class 56 Rating, Add</i>	1,269.29	
40 05 19 00-0879	EA		20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,598.80	754.54
			<i>For Class 52 Rating, Deduct</i>	-490.11	
			<i>For Class 54 Rating, Add</i>	682.05	
			<i>For Class 55 Rating, Add</i>	1,021.03	
			<i>For Class 56 Rating, Add</i>	1,355.54	
40 05 19 00-0880	EA		20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,895.14	757.53
			<i>For Class 52 Rating, Deduct</i>	-522.21	
			<i>For Class 54 Rating, Add</i>	725.88	
			<i>For Class 55 Rating, Add</i>	1,086.21	
			<i>For Class 56 Rating, Add</i>	1,441.79	
40 05 19 00-0881	EA		20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,191.48	760.51
			<i>For Class 52 Rating, Deduct</i>	-554.31	
			<i>For Class 54 Rating, Add</i>	769.71	
			<i>For Class 55 Rating, Add</i>	1,151.39	
			<i>For Class 56 Rating, Add</i>	1,528.04	
40 05 19 00-0882	EA		20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,487.81	763.49
			<i>For Class 52 Rating, Deduct</i>	-586.41	
			<i>For Class 54 Rating, Add</i>	813.53	
			<i>For Class 55 Rating, Add</i>	1,216.58	
			<i>For Class 56 Rating, Add</i>	1,614.29	
40 05 19 00-0883	EA		20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,784.15	766.48
			<i>For Class 52 Rating, Deduct</i>	-618.51	
			<i>For Class 54 Rating, Add</i>	857.36	
			<i>For Class 55 Rating, Add</i>	1,281.76	
			<i>For Class 56 Rating, Add</i>	1,700.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0884 EA 20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,080.49	769.46
For Class 52 Rating, Deduct	-650.61	
For Class 54 Rating, Add	901.19	
For Class 55 Rating, Add	1,346.95	
For Class 56 Rating, Add	1,786.79	
40 05 19 00-0885 EA 20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,376.83	772.44
For Class 52 Rating, Deduct	-682.71	
For Class 54 Rating, Add	945.01	
For Class 55 Rating, Add	1,412.13	
For Class 56 Rating, Add	1,873.04	
40 05 19 00-0886 EA 20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,673.17	775.42
For Class 52 Rating, Deduct	-714.81	
For Class 54 Rating, Add	988.84	
For Class 55 Rating, Add	1,477.32	
For Class 56 Rating, Add	1,959.29	
40 05 19 00-0887 EA 20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,969.51	778.41
For Class 52 Rating, Deduct	-746.91	
For Class 54 Rating, Add	1,032.67	
For Class 55 Rating, Add	1,542.50	
For Class 56 Rating, Add	2,045.54	
40 05 19 00-0888 EA 20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,265.85	781.39
For Class 52 Rating, Deduct	-779.01	
For Class 54 Rating, Add	1,076.50	
For Class 55 Rating, Add	1,607.68	
For Class 56 Rating, Add	2,131.79	
40 05 19 00-0889 EA 20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,562.19	784.37
For Class 52 Rating, Deduct	-811.11	
For Class 54 Rating, Add	1,120.32	
For Class 55 Rating, Add	1,672.87	
For Class 56 Rating, Add	2,218.04	
40 05 19 00-0890 EA 20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,858.52	787.35
For Class 52 Rating, Deduct	-843.21	
For Class 54 Rating, Add	1,164.15	
For Class 55 Rating, Add	1,738.05	
For Class 56 Rating, Add	2,304.29	
40 05 19 00-0891 EA 20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,154.87	790.33
For Class 52 Rating, Deduct	-875.31	
For Class 54 Rating, Add	1,207.98	
For Class 55 Rating, Add	1,803.24	
For Class 56 Rating, Add	2,390.54	
40 05 19 00-0892 EA 20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,451.20	793.31
For Class 52 Rating, Deduct	-907.41	
For Class 54 Rating, Add	1,251.81	
For Class 55 Rating, Add	1,868.42	
For Class 56 Rating, Add	2,476.79	
40 05 19 00-0893 EA 20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,747.54	796.29
For Class 52 Rating, Deduct	-939.51	
For Class 54 Rating, Add	1,295.63	
For Class 55 Rating, Add	1,933.61	
For Class 56 Rating, Add	2,563.04	
40 05 19 00-0894 EA 20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,043.88	799.28
For Class 52 Rating, Deduct	-971.61	
For Class 54 Rating, Add	1,339.46	
For Class 55 Rating, Add	1,998.79	
For Class 56 Rating, Add	2,649.29	
40 05 19 00-0895 EA 20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,340.22	802.26
For Class 52 Rating, Deduct	-1,003.71	
For Class 54 Rating, Add	1,383.29	
For Class 55 Rating, Add	2,063.97	
For Class 56 Rating, Add	2,735.54	
40 05 19 00-0896 EA 20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,636.56	805.24
For Class 52 Rating, Deduct	-1,035.81	
For Class 54 Rating, Add	1,427.11	
For Class 55 Rating, Add	2,129.16	
For Class 56 Rating, Add	2,821.79	
40 05 19 00-0897 EA 20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,932.89	808.22
For Class 52 Rating, Deduct	-1,067.91	
For Class 54 Rating, Add	1,470.94	
For Class 55 Rating, Add	2,194.34	
For Class 56 Rating, Add	2,908.04	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0898	EA		20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,229.24	811.21
			<i>For Class 52 Rating, Deduct</i>	-1,100.01	
			<i>For Class 54 Rating, Add</i>	1,514.77	
			<i>For Class 55 Rating, Add</i>	2,259.53	
			<i>For Class 56 Rating, Add</i>	2,994.29	
40 05 19 00-0899	EA		20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,525.57	814.19
			<i>For Class 52 Rating, Deduct</i>	-1,132.11	
			<i>For Class 54 Rating, Add</i>	1,558.60	
			<i>For Class 55 Rating, Add</i>	2,324.71	
			<i>For Class 56 Rating, Add</i>	3,080.54	
40 05 19 00-0900	EA		20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,821.92	817.17
			<i>For Class 52 Rating, Deduct</i>	-1,164.21	
			<i>For Class 54 Rating, Add</i>	1,602.42	
			<i>For Class 55 Rating, Add</i>	2,389.90	
			<i>For Class 56 Rating, Add</i>	3,166.79	
40 05 19 00-0901	EA		20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,118.25	820.16
			<i>For Class 52 Rating, Deduct</i>	-1,196.31	
			<i>For Class 54 Rating, Add</i>	1,646.25	
			<i>For Class 55 Rating, Add</i>	2,455.08	
			<i>For Class 56 Rating, Add</i>	3,253.03	
40 05 19 00-0902	EA		20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,414.59	823.14
			<i>For Class 52 Rating, Deduct</i>	-1,228.42	
			<i>For Class 54 Rating, Add</i>	1,690.08	
			<i>For Class 55 Rating, Add</i>	2,520.26	
			<i>For Class 56 Rating, Add</i>	3,339.28	
40 05 19 00-0903	EA		20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,710.93	826.12
			<i>For Class 52 Rating, Deduct</i>	-1,260.52	
			<i>For Class 54 Rating, Add</i>	1,733.90	
			<i>For Class 55 Rating, Add</i>	2,585.45	
			<i>For Class 56 Rating, Add</i>	3,425.53	
40 05 19 00-0904	EA		20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,007.26	829.10
			<i>For Class 52 Rating, Deduct</i>	-1,292.62	
			<i>For Class 54 Rating, Add</i>	1,777.73	
			<i>For Class 55 Rating, Add</i>	2,650.63	
			<i>For Class 56 Rating, Add</i>	3,511.78	
40 05 19 00-0905	EA		20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,303.61	832.09
			<i>For Class 52 Rating, Deduct</i>	-1,324.72	
			<i>For Class 54 Rating, Add</i>	1,821.56	
			<i>For Class 55 Rating, Add</i>	2,715.82	
			<i>For Class 56 Rating, Add</i>	3,598.03	
40 05 19 00-0906	EA		20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,599.95	835.07
			<i>For Class 52 Rating, Deduct</i>	-1,356.82	
			<i>For Class 54 Rating, Add</i>	1,865.39	
			<i>For Class 55 Rating, Add</i>	2,781.00	
			<i>For Class 56 Rating, Add</i>	3,684.29	
40 05 19 00-0907	EA		20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,896.30	838.05
			<i>For Class 52 Rating, Deduct</i>	-1,388.92	
			<i>For Class 54 Rating, Add</i>	1,909.22	
			<i>For Class 55 Rating, Add</i>	2,846.19	
			<i>For Class 56 Rating, Add</i>	3,770.54	
40 05 19 00-0908	EA		20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,192.63	841.04
			<i>For Class 52 Rating, Deduct</i>	-1,421.02	
			<i>For Class 54 Rating, Add</i>	1,953.04	
			<i>For Class 55 Rating, Add</i>	2,911.37	
			<i>For Class 56 Rating, Add</i>	3,856.78	
40 05 19 00-0909	EA		20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,488.97	844.02
			<i>For Class 52 Rating, Deduct</i>	-1,453.12	
			<i>For Class 54 Rating, Add</i>	1,996.87	
			<i>For Class 55 Rating, Add</i>	2,976.56	
			<i>For Class 56 Rating, Add</i>	3,943.03	
40 05 19 00-0910	EA		20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,785.31	847.00
			<i>For Class 52 Rating, Deduct</i>	-1,485.22	
			<i>For Class 54 Rating, Add</i>	2,040.70	
			<i>For Class 55 Rating, Add</i>	3,041.74	
			<i>For Class 56 Rating, Add</i>	4,029.28	

40 05 19 00-0911 24" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-0954)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0912 EA 24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,736.74	870.85
For Class 52 Rating, Deduct	-375.90	
For Class 54 Rating, Add	528.42	
For Class 55 Rating, Add	793.72	
For Class 56 Rating, Add	1,055.59	
40 05 19 00-0913 EA 24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,102.86	873.84
For Class 52 Rating, Deduct	-415.67	
For Class 54 Rating, Add	582.72	
For Class 55 Rating, Add	874.46	
For Class 56 Rating, Add	1,162.43	
40 05 19 00-0914 EA 24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,468.99	876.82
For Class 52 Rating, Deduct	-455.45	
For Class 54 Rating, Add	637.01	
For Class 55 Rating, Add	955.21	
For Class 56 Rating, Add	1,269.27	
40 05 19 00-0915 EA 24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,835.10	879.80
For Class 52 Rating, Deduct	-495.23	
For Class 54 Rating, Add	691.31	
For Class 55 Rating, Add	1,035.95	
For Class 56 Rating, Add	1,376.10	
40 05 19 00-0916 EA 24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,201.23	882.78
For Class 52 Rating, Deduct	-535.00	
For Class 54 Rating, Add	745.60	
For Class 55 Rating, Add	1,116.70	
For Class 56 Rating, Add	1,482.93	
40 05 19 00-0917 EA 24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,567.35	885.77
For Class 52 Rating, Deduct	-574.78	
For Class 54 Rating, Add	799.90	
For Class 55 Rating, Add	1,197.45	
For Class 56 Rating, Add	1,589.77	
40 05 19 00-0918 EA 24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,933.48	888.75
For Class 52 Rating, Deduct	-614.56	
For Class 54 Rating, Add	854.19	
For Class 55 Rating, Add	1,278.19	
For Class 56 Rating, Add	1,696.61	
40 05 19 00-0919 EA 24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,299.59	891.73
For Class 52 Rating, Deduct	-654.33	
For Class 54 Rating, Add	908.49	
For Class 55 Rating, Add	1,358.94	
For Class 56 Rating, Add	1,803.44	
40 05 19 00-0920 EA 24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,665.72	894.72
For Class 52 Rating, Deduct	-694.11	
For Class 54 Rating, Add	962.78	
For Class 55 Rating, Add	1,439.69	
For Class 56 Rating, Add	1,910.28	
40 05 19 00-0921 EA 24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,031.84	897.70
For Class 52 Rating, Deduct	-733.89	
For Class 54 Rating, Add	1,017.08	
For Class 55 Rating, Add	1,520.43	
For Class 56 Rating, Add	2,017.11	
40 05 19 00-0922 EA 24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,397.95	900.68
For Class 52 Rating, Deduct	-773.66	
For Class 54 Rating, Add	1,071.37	
For Class 55 Rating, Add	1,601.18	
For Class 56 Rating, Add	2,123.95	
40 05 19 00-0923 EA 24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,764.09	903.66
For Class 52 Rating, Deduct	-813.44	
For Class 54 Rating, Add	1,125.67	
For Class 55 Rating, Add	1,681.92	
For Class 56 Rating, Add	2,230.79	
40 05 19 00-0924 EA 24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,130.20	906.65
For Class 52 Rating, Deduct	-853.22	
For Class 54 Rating, Add	1,179.96	
For Class 55 Rating, Add	1,762.67	
For Class 56 Rating, Add	2,337.62	
40 05 19 00-0925 EA 24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,496.33	909.63
For Class 52 Rating, Deduct	-892.99	
For Class 54 Rating, Add	1,234.25	
For Class 55 Rating, Add	1,843.41	
For Class 56 Rating, Add	2,444.46	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0926	EA		24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,862.45	912.61
			<i>For Class 52 Rating, Deduct</i>	-932.77	
			<i>For Class 54 Rating, Add</i>	1,288.55	
			<i>For Class 55 Rating, Add</i>	1,924.16	
			<i>For Class 56 Rating, Add</i>	2,551.29	
40 05 19 00-0927	EA		24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,228.58	915.60
			<i>For Class 52 Rating, Deduct</i>	-972.54	
			<i>For Class 54 Rating, Add</i>	1,342.84	
			<i>For Class 55 Rating, Add</i>	2,004.91	
			<i>For Class 56 Rating, Add</i>	2,658.13	
40 05 19 00-0928	EA		24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,594.69	918.58
			<i>For Class 52 Rating, Deduct</i>	-1,012.32	
			<i>For Class 54 Rating, Add</i>	1,397.14	
			<i>For Class 55 Rating, Add</i>	2,085.65	
			<i>For Class 56 Rating, Add</i>	2,764.96	
40 05 19 00-0929	EA		24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,960.82	921.56
			<i>For Class 52 Rating, Deduct</i>	-1,052.10	
			<i>For Class 54 Rating, Add</i>	1,451.43	
			<i>For Class 55 Rating, Add</i>	2,166.40	
			<i>For Class 56 Rating, Add</i>	2,871.80	
40 05 19 00-0930	EA		24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,326.94	924.54
			<i>For Class 52 Rating, Deduct</i>	-1,091.87	
			<i>For Class 54 Rating, Add</i>	1,505.73	
			<i>For Class 55 Rating, Add</i>	2,247.14	
			<i>For Class 56 Rating, Add</i>	2,978.63	
40 05 19 00-0931	EA		24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,693.05	927.53
			<i>For Class 52 Rating, Deduct</i>	-1,131.65	
			<i>For Class 54 Rating, Add</i>	1,560.02	
			<i>For Class 55 Rating, Add</i>	2,327.89	
			<i>For Class 56 Rating, Add</i>	3,085.47	
40 05 19 00-0932	EA		24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,059.19	930.51
			<i>For Class 52 Rating, Deduct</i>	-1,171.43	
			<i>For Class 54 Rating, Add</i>	1,614.32	
			<i>For Class 55 Rating, Add</i>	2,408.64	
			<i>For Class 56 Rating, Add</i>	3,192.31	
40 05 19 00-0933	EA		24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,425.30	933.49
			<i>For Class 52 Rating, Deduct</i>	-1,211.20	
			<i>For Class 54 Rating, Add</i>	1,668.61	
			<i>For Class 55 Rating, Add</i>	2,489.38	
			<i>For Class 56 Rating, Add</i>	3,299.14	
40 05 19 00-0934	EA		24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,791.43	936.47
			<i>For Class 52 Rating, Deduct</i>	-1,250.98	
			<i>For Class 54 Rating, Add</i>	1,722.91	
			<i>For Class 55 Rating, Add</i>	2,570.13	
			<i>For Class 56 Rating, Add</i>	3,405.98	
40 05 19 00-0935	EA		24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,157.55	939.45
			<i>For Class 52 Rating, Deduct</i>	-1,290.76	
			<i>For Class 54 Rating, Add</i>	1,777.20	
			<i>For Class 55 Rating, Add</i>	2,650.88	
			<i>For Class 56 Rating, Add</i>	3,512.81	
40 05 19 00-0936	EA		24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,523.67	942.43
			<i>For Class 52 Rating, Deduct</i>	-1,330.53	
			<i>For Class 54 Rating, Add</i>	1,831.50	
			<i>For Class 55 Rating, Add</i>	2,731.62	
			<i>For Class 56 Rating, Add</i>	3,619.65	
40 05 19 00-0937	EA		24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,889.79	945.41
			<i>For Class 52 Rating, Deduct</i>	-1,370.31	
			<i>For Class 54 Rating, Add</i>	1,885.79	
			<i>For Class 55 Rating, Add</i>	2,812.37	
			<i>For Class 56 Rating, Add</i>	3,726.48	
40 05 19 00-0938	EA		24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,255.92	948.40
			<i>For Class 52 Rating, Deduct</i>	-1,410.08	
			<i>For Class 54 Rating, Add</i>	1,940.09	
			<i>For Class 55 Rating, Add</i>	2,893.11	
			<i>For Class 56 Rating, Add</i>	3,833.32	
40 05 19 00-0939	EA		24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,622.04	951.38
			<i>For Class 52 Rating, Deduct</i>	-1,449.86	
			<i>For Class 54 Rating, Add</i>	1,994.38	
			<i>For Class 55 Rating, Add</i>	2,973.86	
			<i>For Class 56 Rating, Add</i>	3,940.16	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0940 EA 24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	14,988.16	954.36
For Class 52 Rating, Deduct	-1,489.64	
For Class 54 Rating, Add	2,048.67	
For Class 55 Rating, Add	3,054.60	
For Class 56 Rating, Add	4,046.99	
40 05 19 00-0941 EA 24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	15,431.11	1,008.05
For Class 52 Rating, Deduct	-1,529.41	
For Class 54 Rating, Add	2,103.89	
For Class 55 Rating, Add	3,137.19	
For Class 56 Rating, Add	4,156.59	
40 05 19 00-0942 EA 24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	15,797.22	1,011.03
For Class 52 Rating, Deduct	-1,569.19	
For Class 54 Rating, Add	2,158.19	
For Class 55 Rating, Add	3,217.94	
For Class 56 Rating, Add	4,263.43	
40 05 19 00-0943 EA 24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,163.34	1,014.01
For Class 52 Rating, Deduct	-1,608.97	
For Class 54 Rating, Add	2,212.48	
For Class 55 Rating, Add	3,298.69	
For Class 56 Rating, Add	4,370.26	
40 05 19 00-0944 EA 24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,529.47	1,016.99
For Class 52 Rating, Deduct	-1,648.74	
For Class 54 Rating, Add	2,266.78	
For Class 55 Rating, Add	3,379.43	
For Class 56 Rating, Add	4,477.10	
40 05 19 00-0945 EA 24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,895.59	1,019.97
For Class 52 Rating, Deduct	-1,688.52	
For Class 54 Rating, Add	2,321.07	
For Class 55 Rating, Add	3,460.18	
For Class 56 Rating, Add	4,583.94	
40 05 19 00-0946 EA 24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,261.72	1,022.96
For Class 52 Rating, Deduct	-1,728.30	
For Class 54 Rating, Add	2,375.37	
For Class 55 Rating, Add	3,540.93	
For Class 56 Rating, Add	4,690.77	
40 05 19 00-0947 EA 24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,627.83	1,025.94
For Class 52 Rating, Deduct	-1,768.07	
For Class 54 Rating, Add	2,429.66	
For Class 55 Rating, Add	3,621.67	
For Class 56 Rating, Add	4,797.61	
40 05 19 00-0948 EA 24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,993.96	1,028.92
For Class 52 Rating, Deduct	-1,807.85	
For Class 54 Rating, Add	2,483.95	
For Class 55 Rating, Add	3,702.42	
For Class 56 Rating, Add	4,904.44	
40 05 19 00-0949 EA 24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	18,360.08	1,031.90
For Class 52 Rating, Deduct	-1,847.62	
For Class 54 Rating, Add	2,538.25	
For Class 55 Rating, Add	3,783.16	
For Class 56 Rating, Add	5,011.28	
40 05 19 00-0950 30" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0554)</small>		
40 05 19 00-0951 EA 30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,317.50	1,228.75
For Class 52 Rating, Deduct	-600.13	
For Class 54 Rating, Add	840.71	
For Class 55 Rating, Add	1,261.32	
For Class 56 Rating, Add	1,676.47	
40 05 19 00-0952 EA 30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,844.34	1,231.73
For Class 52 Rating, Deduct	-657.59	
For Class 54 Rating, Add	919.11	
For Class 55 Rating, Add	1,377.90	
For Class 56 Rating, Add	1,830.72	
40 05 19 00-0953 EA 30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,371.17	1,234.71
For Class 52 Rating, Deduct	-715.04	
For Class 54 Rating, Add	997.51	
For Class 55 Rating, Add	1,494.49	
For Class 56 Rating, Add	1,984.97	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0954	EA		30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,898.01	1,237.69
			<i>For Class 52 Rating, Deduct</i>	-772.50	
			<i>For Class 54 Rating, Add</i>	1,075.91	
			<i>For Class 55 Rating, Add</i>	1,611.07	
			<i>For Class 56 Rating, Add</i>	2,139.21	
40 05 19 00-0955	EA		30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,424.85	1,240.67
			<i>For Class 52 Rating, Deduct</i>	-829.95	
			<i>For Class 54 Rating, Add</i>	1,154.31	
			<i>For Class 55 Rating, Add</i>	1,727.66	
			<i>For Class 56 Rating, Add</i>	2,293.46	
40 05 19 00-0956	EA		30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,951.68	1,243.65
			<i>For Class 52 Rating, Deduct</i>	-887.41	
			<i>For Class 54 Rating, Add</i>	1,232.71	
			<i>For Class 55 Rating, Add</i>	1,844.24	
			<i>For Class 56 Rating, Add</i>	2,447.70	
40 05 19 00-0957	EA		30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,478.51	1,246.63
			<i>For Class 52 Rating, Deduct</i>	-944.86	
			<i>For Class 54 Rating, Add</i>	1,311.12	
			<i>For Class 55 Rating, Add</i>	1,960.83	
			<i>For Class 56 Rating, Add</i>	2,601.95	
40 05 19 00-0958	EA		30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,005.35	1,249.62
			<i>For Class 52 Rating, Deduct</i>	-1,002.32	
			<i>For Class 54 Rating, Add</i>	1,389.52	
			<i>For Class 55 Rating, Add</i>	2,077.41	
			<i>For Class 56 Rating, Add</i>	2,756.20	
40 05 19 00-0959	EA		30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,532.18	1,252.60
			<i>For Class 52 Rating, Deduct</i>	-1,059.77	
			<i>For Class 54 Rating, Add</i>	1,467.92	
			<i>For Class 55 Rating, Add</i>	2,194.00	
			<i>For Class 56 Rating, Add</i>	2,910.44	
40 05 19 00-0960	EA		30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,059.02	1,255.58
			<i>For Class 52 Rating, Deduct</i>	-1,117.23	
			<i>For Class 54 Rating, Add</i>	1,546.32	
			<i>For Class 55 Rating, Add</i>	2,310.58	
			<i>For Class 56 Rating, Add</i>	3,064.69	
40 05 19 00-0961	EA		30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,585.85	1,258.57
			<i>For Class 52 Rating, Deduct</i>	-1,174.68	
			<i>For Class 54 Rating, Add</i>	1,624.72	
			<i>For Class 55 Rating, Add</i>	2,427.17	
			<i>For Class 56 Rating, Add</i>	3,218.93	
40 05 19 00-0962	EA		30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,112.69	1,261.55
			<i>For Class 52 Rating, Deduct</i>	-1,232.14	
			<i>For Class 54 Rating, Add</i>	1,703.12	
			<i>For Class 55 Rating, Add</i>	2,543.75	
			<i>For Class 56 Rating, Add</i>	3,373.18	
40 05 19 00-0963	EA		30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,639.52	1,264.53
			<i>For Class 52 Rating, Deduct</i>	-1,289.59	
			<i>For Class 54 Rating, Add</i>	1,781.53	
			<i>For Class 55 Rating, Add</i>	2,660.34	
			<i>For Class 56 Rating, Add</i>	3,527.42	
40 05 19 00-0964	EA		30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,166.35	1,267.51
			<i>For Class 52 Rating, Deduct</i>	-1,347.05	
			<i>For Class 54 Rating, Add</i>	1,859.93	
			<i>For Class 55 Rating, Add</i>	2,776.92	
			<i>For Class 56 Rating, Add</i>	3,681.67	
40 05 19 00-0965	EA		30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,693.20	1,270.50
			<i>For Class 52 Rating, Deduct</i>	-1,404.50	
			<i>For Class 54 Rating, Add</i>	1,938.33	
			<i>For Class 55 Rating, Add</i>	2,893.51	
			<i>For Class 56 Rating, Add</i>	3,835.92	
40 05 19 00-0966	EA		30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,220.02	1,273.48
			<i>For Class 52 Rating, Deduct</i>	-1,461.96	
			<i>For Class 54 Rating, Add</i>	2,016.73	
			<i>For Class 55 Rating, Add</i>	3,010.09	
			<i>For Class 56 Rating, Add</i>	3,990.16	
40 05 19 00-0967	EA		30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,746.87	1,276.46
			<i>For Class 52 Rating, Deduct</i>	-1,519.41	
			<i>For Class 54 Rating, Add</i>	2,095.13	
			<i>For Class 55 Rating, Add</i>	3,126.68	
			<i>For Class 56 Rating, Add</i>	4,144.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0968 EA 30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,273.69	1,279.44
<i>For Class 52 Rating, Deduct</i>	-1,576.87	
<i>For Class 54 Rating, Add</i>	2,173.53	
<i>For Class 55 Rating, Add</i>	3,243.26	
<i>For Class 56 Rating, Add</i>	4,298.65	
40 05 19 00-0969 EA 30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,800.53	1,282.43
<i>For Class 52 Rating, Deduct</i>	-1,634.32	
<i>For Class 54 Rating, Add</i>	2,251.94	
<i>For Class 55 Rating, Add</i>	3,359.85	
<i>For Class 56 Rating, Add</i>	4,452.90	
40 05 19 00-0970 EA 30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,327.37	1,285.41
<i>For Class 52 Rating, Deduct</i>	-1,691.78	
<i>For Class 54 Rating, Add</i>	2,330.34	
<i>For Class 55 Rating, Add</i>	3,476.43	
<i>For Class 56 Rating, Add</i>	4,607.15	
40 05 19 00-0971 EA 30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,854.19	1,288.39
<i>For Class 52 Rating, Deduct</i>	-1,749.23	
<i>For Class 54 Rating, Add</i>	2,408.74	
<i>For Class 55 Rating, Add</i>	3,593.02	
<i>For Class 56 Rating, Add</i>	4,761.39	
40 05 19 00-0972 EA 30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	18,381.04	1,291.38
<i>For Class 52 Rating, Deduct</i>	-1,806.69	
<i>For Class 54 Rating, Add</i>	2,487.14	
<i>For Class 55 Rating, Add</i>	3,709.60	
<i>For Class 56 Rating, Add</i>	4,915.64	
40 05 19 00-0973 EA 30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	18,907.86	1,294.36
<i>For Class 52 Rating, Deduct</i>	-1,864.14	
<i>For Class 54 Rating, Add</i>	2,565.54	
<i>For Class 55 Rating, Add</i>	3,826.19	
<i>For Class 56 Rating, Add</i>	5,069.88	
40 05 19 00-0974 EA 30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	19,434.71	1,297.34
<i>For Class 52 Rating, Deduct</i>	-1,921.59	
<i>For Class 54 Rating, Add</i>	2,643.94	
<i>For Class 55 Rating, Add</i>	3,942.77	
<i>For Class 56 Rating, Add</i>	5,224.13	
40 05 19 00-0975 EA 30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	19,961.54	1,300.32
<i>For Class 52 Rating, Deduct</i>	-1,979.05	
<i>For Class 54 Rating, Add</i>	2,722.35	
<i>For Class 55 Rating, Add</i>	4,059.36	
<i>For Class 56 Rating, Add</i>	5,378.38	
40 05 19 00-0976 EA 30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	20,488.37	1,303.31
<i>For Class 52 Rating, Deduct</i>	-2,036.50	
<i>For Class 54 Rating, Add</i>	2,800.75	
<i>For Class 55 Rating, Add</i>	4,175.94	
<i>For Class 56 Rating, Add</i>	5,532.62	
40 05 19 00-0977 EA 30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	21,015.21	1,306.29
<i>For Class 52 Rating, Deduct</i>	-2,093.96	
<i>For Class 54 Rating, Add</i>	2,879.15	
<i>For Class 55 Rating, Add</i>	4,292.53	
<i>For Class 56 Rating, Add</i>	5,686.87	
40 05 19 00-0978 EA 30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	21,542.05	1,309.27
<i>For Class 52 Rating, Deduct</i>	-2,151.41	
<i>For Class 54 Rating, Add</i>	2,957.55	
<i>For Class 55 Rating, Add</i>	4,409.11	
<i>For Class 56 Rating, Add</i>	5,841.12	
40 05 19 00-0979 EA 30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	22,068.88	1,312.25
<i>For Class 52 Rating, Deduct</i>	-2,208.87	
<i>For Class 54 Rating, Add</i>	3,035.95	
<i>For Class 55 Rating, Add</i>	4,525.70	
<i>For Class 56 Rating, Add</i>	5,995.36	
40 05 19 00-0980 EA 30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	22,595.72	1,315.23
<i>For Class 52 Rating, Deduct</i>	-2,266.32	
<i>For Class 54 Rating, Add</i>	3,114.35	
<i>For Class 55 Rating, Add</i>	4,642.28	
<i>For Class 56 Rating, Add</i>	6,149.61	
40 05 19 00-0981 EA 30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	23,122.55	1,318.21
<i>For Class 52 Rating, Deduct</i>	-2,323.78	
<i>For Class 54 Rating, Add</i>	3,192.76	
<i>For Class 55 Rating, Add</i>	4,758.87	
<i>For Class 56 Rating, Add</i>	6,303.85	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0982	EA		30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,649.38	1,321.19
			<i>For Class 52 Rating, Deduct</i>	-2,381.23	
			<i>For Class 54 Rating, Add</i>	3,271.16	
			<i>For Class 55 Rating, Add</i>	4,875.45	
			<i>For Class 56 Rating, Add</i>	6,458.10	
40 05 19 00-0983	EA		30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,176.22	1,324.18
			<i>For Class 52 Rating, Deduct</i>	-2,438.69	
			<i>For Class 54 Rating, Add</i>	3,349.56	
			<i>For Class 55 Rating, Add</i>	4,992.04	
			<i>For Class 56 Rating, Add</i>	6,612.35	
40 05 19 00-0984	EA		30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,703.05	1,327.16
			<i>For Class 52 Rating, Deduct</i>	-2,496.14	
			<i>For Class 54 Rating, Add</i>	3,427.96	
			<i>For Class 55 Rating, Add</i>	5,108.62	
			<i>For Class 56 Rating, Add</i>	6,766.59	
40 05 19 00-0985	EA		30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,229.89	1,330.14
			<i>For Class 52 Rating, Deduct</i>	-2,553.60	
			<i>For Class 54 Rating, Add</i>	3,506.36	
			<i>For Class 55 Rating, Add</i>	5,225.21	
			<i>For Class 56 Rating, Add</i>	6,920.84	
40 05 19 00-0986	EA		30" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,756.72	1,333.13
			<i>For Class 52 Rating, Deduct</i>	-2,611.05	
			<i>For Class 54 Rating, Add</i>	3,584.76	
			<i>For Class 55 Rating, Add</i>	5,341.79	
			<i>For Class 56 Rating, Add</i>	7,075.08	
40 05 19 00-0987	EA		30" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,283.56	1,336.11
			<i>For Class 52 Rating, Deduct</i>	-2,668.51	
			<i>For Class 54 Rating, Add</i>	3,663.17	
			<i>For Class 55 Rating, Add</i>	5,458.38	
			<i>For Class 56 Rating, Add</i>	7,229.33	
40 05 19 00-0988	EA		30" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,810.40	1,339.09
			<i>For Class 52 Rating, Deduct</i>	-2,725.96	
			<i>For Class 54 Rating, Add</i>	3,741.57	
			<i>For Class 55 Rating, Add</i>	5,574.96	
			<i>For Class 56 Rating, Add</i>	7,383.58	
40 05 19 00-0989			36" Flanged End x Grooved End (FxG), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0984)</small>		
40 05 19 00-0990	EA		36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,049.74	1,556.80
			<i>For Class 52 Rating, Deduct</i>	-846.00	
			<i>For Class 54 Rating, Add</i>	1,181.95	
			<i>For Class 55 Rating, Add</i>	1,771.69	
			<i>For Class 56 Rating, Add</i>	2,353.75	
40 05 19 00-0991	EA		36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,764.78	1,559.79
			<i>For Class 52 Rating, Deduct</i>	-924.16	
			<i>For Class 54 Rating, Add</i>	1,288.58	
			<i>For Class 55 Rating, Add</i>	1,930.25	
			<i>For Class 56 Rating, Add</i>	2,563.51	
40 05 19 00-0992	EA		36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,479.81	1,562.77
			<i>For Class 52 Rating, Deduct</i>	-1,002.32	
			<i>For Class 54 Rating, Add</i>	1,395.21	
			<i>For Class 55 Rating, Add</i>	2,088.80	
			<i>For Class 56 Rating, Add</i>	2,773.28	
40 05 19 00-0993	EA		36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,194.86	1,565.75
			<i>For Class 52 Rating, Deduct</i>	-1,080.48	
			<i>For Class 54 Rating, Add</i>	1,501.84	
			<i>For Class 55 Rating, Add</i>	2,247.35	
			<i>For Class 56 Rating, Add</i>	2,983.04	
40 05 19 00-0994	EA		36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,909.89	1,568.74
			<i>For Class 52 Rating, Deduct</i>	-1,158.63	
			<i>For Class 54 Rating, Add</i>	1,608.48	
			<i>For Class 55 Rating, Add</i>	2,405.91	
			<i>For Class 56 Rating, Add</i>	3,192.81	
40 05 19 00-0995	EA		36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,624.93	1,571.72
			<i>For Class 52 Rating, Deduct</i>	-1,236.79	
			<i>For Class 54 Rating, Add</i>	1,715.11	
			<i>For Class 55 Rating, Add</i>	2,564.46	
			<i>For Class 56 Rating, Add</i>	3,402.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-0996 EA 36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	14,339.97	1,574.70
For Class 52 Rating, Deduct	-1,314.95	
For Class 54 Rating, Add	1,821.74	
For Class 55 Rating, Add	2,723.02	
For Class 56 Rating, Add	3,612.34	
40 05 19 00-0997 EA 36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	15,055.01	1,577.68
For Class 52 Rating, Deduct	-1,393.10	
For Class 54 Rating, Add	1,928.37	
For Class 55 Rating, Add	2,881.57	
For Class 56 Rating, Add	3,822.11	
40 05 19 00-0998 EA 36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	15,770.05	1,580.67
For Class 52 Rating, Deduct	-1,471.26	
For Class 54 Rating, Add	2,035.00	
For Class 55 Rating, Add	3,040.13	
For Class 56 Rating, Add	4,031.87	
40 05 19 00-0999 EA 36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,485.09	1,583.65
For Class 52 Rating, Deduct	-1,549.42	
For Class 54 Rating, Add	2,141.64	
For Class 55 Rating, Add	3,198.68	
For Class 56 Rating, Add	4,241.64	
40 05 19 00-1000 EA 36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,200.13	1,586.63
For Class 52 Rating, Deduct	-1,627.58	
For Class 54 Rating, Add	2,248.27	
For Class 55 Rating, Add	3,357.23	
For Class 56 Rating, Add	4,451.40	
40 05 19 00-1001 EA 36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,915.16	1,589.61
For Class 52 Rating, Deduct	-1,705.73	
For Class 54 Rating, Add	2,354.90	
For Class 55 Rating, Add	3,515.79	
For Class 56 Rating, Add	4,661.17	
40 05 19 00-1002 EA 36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	18,630.19	1,592.60
For Class 52 Rating, Deduct	-1,783.89	
For Class 54 Rating, Add	2,461.53	
For Class 55 Rating, Add	3,674.34	
For Class 56 Rating, Add	4,870.93	
40 05 19 00-1003 EA 36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	19,345.23	1,595.58
For Class 52 Rating, Deduct	-1,862.05	
For Class 54 Rating, Add	2,568.16	
For Class 55 Rating, Add	3,832.90	
For Class 56 Rating, Add	5,080.70	
40 05 19 00-1004 EA 36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	20,060.27	1,598.56
For Class 52 Rating, Deduct	-1,940.20	
For Class 54 Rating, Add	2,674.80	
For Class 55 Rating, Add	3,991.45	
For Class 56 Rating, Add	5,290.47	
40 05 19 00-1005 EA 36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	20,775.31	1,601.55
For Class 52 Rating, Deduct	-2,018.36	
For Class 54 Rating, Add	2,781.43	
For Class 55 Rating, Add	4,150.00	
For Class 56 Rating, Add	5,500.23	
40 05 19 00-1006 EA 36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	21,490.35	1,604.53
For Class 52 Rating, Deduct	-2,096.52	
For Class 54 Rating, Add	2,888.06	
For Class 55 Rating, Add	4,308.56	
For Class 56 Rating, Add	5,710.00	
40 05 19 00-1007 EA 36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	22,205.38	1,607.51
For Class 52 Rating, Deduct	-2,174.67	
For Class 54 Rating, Add	2,994.69	
For Class 55 Rating, Add	4,467.11	
For Class 56 Rating, Add	5,919.76	
40 05 19 00-1008 EA 36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	22,920.43	1,610.49
For Class 52 Rating, Deduct	-2,252.83	
For Class 54 Rating, Add	3,101.33	
For Class 55 Rating, Add	4,625.67	
For Class 56 Rating, Add	6,129.53	
40 05 19 00-1009 EA 36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	23,635.46	1,613.47
For Class 52 Rating, Deduct	-2,330.99	
For Class 54 Rating, Add	3,207.96	
For Class 55 Rating, Add	4,784.22	
For Class 56 Rating, Add	6,339.30	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1010	EA		36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,350.51	1,616.45
			<i>For Class 52 Rating, Deduct</i>	-2,409.15	
			<i>For Class 54 Rating, Add</i>	3,314.59	
			<i>For Class 55 Rating, Add</i>	4,942.78	
			<i>For Class 56 Rating, Add</i>	6,549.06	
40 05 19 00-1011	EA		36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,065.54	1,619.43
			<i>For Class 52 Rating, Deduct</i>	-2,487.30	
			<i>For Class 54 Rating, Add</i>	3,421.22	
			<i>For Class 55 Rating, Add</i>	5,101.33	
			<i>For Class 56 Rating, Add</i>	6,758.83	
40 05 19 00-1012	EA		36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,780.57	1,622.42
			<i>For Class 52 Rating, Deduct</i>	-2,565.46	
			<i>For Class 54 Rating, Add</i>	3,527.85	
			<i>For Class 55 Rating, Add</i>	5,259.88	
			<i>For Class 56 Rating, Add</i>	6,968.59	
40 05 19 00-1013	EA		36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,495.61	1,625.40
			<i>For Class 52 Rating, Deduct</i>	-2,643.62	
			<i>For Class 54 Rating, Add</i>	3,634.48	
			<i>For Class 55 Rating, Add</i>	5,418.44	
			<i>For Class 56 Rating, Add</i>	7,178.36	
40 05 19 00-1014	EA		36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,210.64	1,628.38
			<i>For Class 52 Rating, Deduct</i>	-2,721.77	
			<i>For Class 54 Rating, Add</i>	3,741.12	
			<i>For Class 55 Rating, Add</i>	5,576.99	
			<i>For Class 56 Rating, Add</i>	7,388.12	
40 05 19 00-1015	EA		36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,925.69	1,631.36
			<i>For Class 52 Rating, Deduct</i>	-2,799.93	
			<i>For Class 54 Rating, Add</i>	3,847.75	
			<i>For Class 55 Rating, Add</i>	5,735.55	
			<i>For Class 56 Rating, Add</i>	7,597.89	
40 05 19 00-1016	EA		36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,640.72	1,634.35
			<i>For Class 52 Rating, Deduct</i>	-2,878.09	
			<i>For Class 54 Rating, Add</i>	3,954.38	
			<i>For Class 55 Rating, Add</i>	5,894.10	
			<i>For Class 56 Rating, Add</i>	7,807.66	
40 05 19 00-1017	EA		36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,355.77	1,637.33
			<i>For Class 52 Rating, Deduct</i>	-2,956.25	
			<i>For Class 54 Rating, Add</i>	4,061.01	
			<i>For Class 55 Rating, Add</i>	6,052.66	
			<i>For Class 56 Rating, Add</i>	8,017.42	
40 05 19 00-1018	EA		36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,070.80	1,640.31
			<i>For Class 52 Rating, Deduct</i>	-3,034.40	
			<i>For Class 54 Rating, Add</i>	4,167.65	
			<i>For Class 55 Rating, Add</i>	6,211.21	
			<i>For Class 56 Rating, Add</i>	8,227.19	
40 05 19 00-1019	EA		36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,785.85	1,643.29
			<i>For Class 52 Rating, Deduct</i>	-3,112.56	
			<i>For Class 54 Rating, Add</i>	4,274.28	
			<i>For Class 55 Rating, Add</i>	6,369.76	
			<i>For Class 56 Rating, Add</i>	8,436.95	
40 05 19 00-1020	EA		36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,500.88	1,646.28
			<i>For Class 52 Rating, Deduct</i>	-3,190.72	
			<i>For Class 54 Rating, Add</i>	4,380.91	
			<i>For Class 55 Rating, Add</i>	6,528.32	
			<i>For Class 56 Rating, Add</i>	8,646.72	
40 05 19 00-1021	EA		36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,215.92	1,649.26
			<i>For Class 52 Rating, Deduct</i>	-3,268.87	
			<i>For Class 54 Rating, Add</i>	4,487.54	
			<i>For Class 55 Rating, Add</i>	6,686.87	
			<i>For Class 56 Rating, Add</i>	8,856.49	
40 05 19 00-1022	EA		36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,930.96	1,652.24
			<i>For Class 52 Rating, Deduct</i>	-3,347.03	
			<i>For Class 54 Rating, Add</i>	4,594.17	
			<i>For Class 55 Rating, Add</i>	6,845.43	
			<i>For Class 56 Rating, Add</i>	9,066.25	
40 05 19 00-1023	EA		36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,645.98	1,655.23
			<i>For Class 52 Rating, Deduct</i>	-3,425.19	
			<i>For Class 54 Rating, Add</i>	4,700.81	
			<i>For Class 55 Rating, Add</i>	7,003.98	
			<i>For Class 56 Rating, Add</i>	9,276.02	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1024 EA 36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	34,361.03	1,658.21
For Class 52 Rating, Deduct	-3,503.34	
For Class 54 Rating, Add	4,807.44	
For Class 55 Rating, Add	7,162.53	
For Class 56 Rating, Add	9,485.78	
40 05 19 00-1025 EA 36" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	35,076.06	1,661.19
For Class 52 Rating, Deduct	-3,581.50	
For Class 54 Rating, Add	4,914.07	
For Class 55 Rating, Add	7,321.09	
For Class 56 Rating, Add	9,695.55	
40 05 19 00-1026 EA 36" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	35,791.11	1,664.17
For Class 52 Rating, Deduct	-3,659.66	
For Class 54 Rating, Add	5,020.70	
For Class 55 Rating, Add	7,479.64	
For Class 56 Rating, Add	9,905.31	
40 05 19 00-1027 EA 36" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	36,506.14	1,667.16
For Class 52 Rating, Deduct	-3,737.82	
For Class 54 Rating, Add	5,127.33	
For Class 55 Rating, Add	7,638.20	
For Class 56 Rating, Add	10,115.08	
 40 05 19 00-1028 Flanged End x Plain End (FxPE), Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-0001)</small>		
 40 05 19 00-1029 4" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1030 EA 4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	527.61	145.86
For Class 52 Rating, Deduct	-33.73	
For Class 54 Rating, Add	48.64	
For Class 55 Rating, Add	73.68	
For Class 56 Rating, Add	98.41	
40 05 19 00-1031 EA 4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	586.45	148.41
For Class 52 Rating, Deduct	-39.78	
For Class 54 Rating, Add	56.94	
For Class 55 Rating, Add	86.03	
For Class 56 Rating, Add	114.77	
40 05 19 00-1032 EA 4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	645.30	150.96
For Class 52 Rating, Deduct	-45.82	
For Class 54 Rating, Add	65.23	
For Class 55 Rating, Add	98.39	
For Class 56 Rating, Add	131.13	
40 05 19 00-1033 EA 4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	704.14	153.50
For Class 52 Rating, Deduct	-51.87	
For Class 54 Rating, Add	73.52	
For Class 55 Rating, Add	110.74	
For Class 56 Rating, Add	147.48	
40 05 19 00-1034 EA 4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	762.99	156.05
For Class 52 Rating, Deduct	-57.92	
For Class 54 Rating, Add	81.82	
For Class 55 Rating, Add	123.10	
For Class 56 Rating, Add	163.84	
40 05 19 00-1035 EA 4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	821.83	158.61
For Class 52 Rating, Deduct	-63.97	
For Class 54 Rating, Add	90.11	
For Class 55 Rating, Add	135.45	
For Class 56 Rating, Add	180.20	
40 05 19 00-1036 EA 4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	880.69	161.16
For Class 52 Rating, Deduct	-70.02	
For Class 54 Rating, Add	98.41	
For Class 55 Rating, Add	147.80	
For Class 56 Rating, Add	196.56	
40 05 19 00-1037 EA 4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	939.53	163.71
For Class 52 Rating, Deduct	-76.06	
For Class 54 Rating, Add	106.70	
For Class 55 Rating, Add	160.16	
For Class 56 Rating, Add	212.92	
40 05 19 00-1038 EA 4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	998.37	166.26
For Class 52 Rating, Deduct	-82.11	
For Class 54 Rating, Add	114.99	
For Class 55 Rating, Add	172.51	
For Class 56 Rating, Add	229.28	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1039	EA		4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,057.21	168.81
			<i>For Class 52 Rating, Deduct</i>	-88.16	
			<i>For Class 54 Rating, Add</i>	123.29	
			<i>For Class 55 Rating, Add</i>	184.86	
			<i>For Class 56 Rating, Add</i>	245.64	
40 05 19 00-1040	EA		4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,116.06	171.35
			<i>For Class 52 Rating, Deduct</i>	-94.21	
			<i>For Class 54 Rating, Add</i>	131.58	
			<i>For Class 55 Rating, Add</i>	197.22	
			<i>For Class 56 Rating, Add</i>	261.99	
40 05 19 00-1041	EA		4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,174.90	173.90
			<i>For Class 52 Rating, Deduct</i>	-100.26	
			<i>For Class 54 Rating, Add</i>	139.87	
			<i>For Class 55 Rating, Add</i>	209.57	
			<i>For Class 56 Rating, Add</i>	278.35	
40 05 19 00-1042	EA		4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,233.74	176.46
			<i>For Class 52 Rating, Deduct</i>	-106.30	
			<i>For Class 54 Rating, Add</i>	148.17	
			<i>For Class 55 Rating, Add</i>	221.92	
			<i>For Class 56 Rating, Add</i>	294.71	
40 05 19 00-1043	EA		4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,292.58	179.01
			<i>For Class 52 Rating, Deduct</i>	-112.35	
			<i>For Class 54 Rating, Add</i>	156.46	
			<i>For Class 55 Rating, Add</i>	234.27	
			<i>For Class 56 Rating, Add</i>	311.07	
40 05 19 00-1044	EA		4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,351.43	181.55
			<i>For Class 52 Rating, Deduct</i>	-118.40	
			<i>For Class 54 Rating, Add</i>	164.75	
			<i>For Class 55 Rating, Add</i>	246.63	
			<i>For Class 56 Rating, Add</i>	327.43	
40 05 19 00-1045	EA		4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,410.28	184.10
			<i>For Class 52 Rating, Deduct</i>	-124.45	
			<i>For Class 54 Rating, Add</i>	173.05	
			<i>For Class 55 Rating, Add</i>	258.98	
			<i>For Class 56 Rating, Add</i>	343.78	
40 05 19 00-1046	EA		4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,469.12	186.66
			<i>For Class 52 Rating, Deduct</i>	-130.49	
			<i>For Class 54 Rating, Add</i>	181.34	
			<i>For Class 55 Rating, Add</i>	271.33	
			<i>For Class 56 Rating, Add</i>	360.14	
40 05 19 00-1047	EA		4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,527.96	189.20
			<i>For Class 52 Rating, Deduct</i>	-136.54	
			<i>For Class 54 Rating, Add</i>	189.63	
			<i>For Class 55 Rating, Add</i>	283.69	
			<i>For Class 56 Rating, Add</i>	376.50	
40 05 19 00-1048	EA		4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,586.81	191.76
			<i>For Class 52 Rating, Deduct</i>	-142.59	
			<i>For Class 54 Rating, Add</i>	197.93	
			<i>For Class 55 Rating, Add</i>	296.04	
			<i>For Class 56 Rating, Add</i>	392.86	
40 05 19 00-1049	EA		4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,645.66	194.31
			<i>For Class 52 Rating, Deduct</i>	-148.64	
			<i>For Class 54 Rating, Add</i>	206.22	
			<i>For Class 55 Rating, Add</i>	308.40	
			<i>For Class 56 Rating, Add</i>	409.22	
40 05 19 00-1050	EA		4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,704.50	196.86
			<i>For Class 52 Rating, Deduct</i>	-154.69	
			<i>For Class 54 Rating, Add</i>	214.52	
			<i>For Class 55 Rating, Add</i>	320.75	
			<i>For Class 56 Rating, Add</i>	425.58	
40 05 19 00-1051	EA		4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,763.34	199.40
			<i>For Class 52 Rating, Deduct</i>	-160.73	
			<i>For Class 54 Rating, Add</i>	222.81	
			<i>For Class 55 Rating, Add</i>	333.10	
			<i>For Class 56 Rating, Add</i>	441.94	
40 05 19 00-1052	EA		4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,822.19	201.95
			<i>For Class 52 Rating, Deduct</i>	-166.78	
			<i>For Class 54 Rating, Add</i>	231.10	
			<i>For Class 55 Rating, Add</i>	345.46	
			<i>For Class 56 Rating, Add</i>	458.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1053 EA 4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,881.03	204.51
For Class 52 Rating, Deduct	-172.83	
For Class 54 Rating, Add	239.40	
For Class 55 Rating, Add	357.81	
For Class 56 Rating, Add	474.65	
40 05 19 00-1054 EA 4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,939.88	207.05
For Class 52 Rating, Deduct	-178.88	
For Class 54 Rating, Add	247.69	
For Class 55 Rating, Add	370.16	
For Class 56 Rating, Add	491.01	
40 05 19 00-1055 EA 4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,998.72	209.60
For Class 52 Rating, Deduct	-184.93	
For Class 54 Rating, Add	255.98	
For Class 55 Rating, Add	382.52	
For Class 56 Rating, Add	507.37	
40 05 19 00-1056 EA 4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,057.56	212.15
For Class 52 Rating, Deduct	-190.97	
For Class 54 Rating, Add	264.28	
For Class 55 Rating, Add	394.87	
For Class 56 Rating, Add	523.73	
40 05 19 00-1057 EA 4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,116.41	214.71
For Class 52 Rating, Deduct	-197.02	
For Class 54 Rating, Add	272.57	
For Class 55 Rating, Add	407.22	
For Class 56 Rating, Add	540.09	
40 05 19 00-1058 EA 4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,175.25	217.25
For Class 52 Rating, Deduct	-203.07	
For Class 54 Rating, Add	280.86	
For Class 55 Rating, Add	419.58	
For Class 56 Rating, Add	556.44	
40 05 19 00-1059 EA 4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,234.09	219.81
For Class 52 Rating, Deduct	-209.12	
For Class 54 Rating, Add	289.16	
For Class 55 Rating, Add	431.93	
For Class 56 Rating, Add	572.80	
40 05 19 00-1060 EA 4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,292.93	222.36
For Class 52 Rating, Deduct	-215.16	
For Class 54 Rating, Add	297.45	
For Class 55 Rating, Add	444.28	
For Class 56 Rating, Add	589.16	
40 05 19 00-1061 EA 4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,351.78	224.91
For Class 52 Rating, Deduct	-221.21	
For Class 54 Rating, Add	305.74	
For Class 55 Rating, Add	456.64	
For Class 56 Rating, Add	605.52	
40 05 19 00-1062 EA 4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,410.62	227.45
For Class 52 Rating, Deduct	-227.26	
For Class 54 Rating, Add	314.04	
For Class 55 Rating, Add	468.99	
For Class 56 Rating, Add	621.88	
40 05 19 00-1063 EA 4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,469.47	230.00
For Class 52 Rating, Deduct	-233.31	
For Class 54 Rating, Add	322.33	
For Class 55 Rating, Add	481.34	
For Class 56 Rating, Add	638.23	
40 05 19 00-1064 EA 4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,528.31	232.56
For Class 52 Rating, Deduct	-239.36	
For Class 54 Rating, Add	330.62	
For Class 55 Rating, Add	493.70	
For Class 56 Rating, Add	654.59	
40 05 19 00-1065 EA 4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,587.17	235.10
For Class 52 Rating, Deduct	-245.40	
For Class 54 Rating, Add	338.92	
For Class 55 Rating, Add	506.05	
For Class 56 Rating, Add	670.95	
40 05 19 00-1066 EA 4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,646.01	237.66
For Class 52 Rating, Deduct	-251.45	
For Class 54 Rating, Add	347.21	
For Class 55 Rating, Add	518.40	
For Class 56 Rating, Add	687.31	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1067	EA		4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,704.85	240.20
			For Class 52 Rating, Deduct	-257.50	
			For Class 54 Rating, Add	355.50	
			For Class 55 Rating, Add	530.76	
			For Class 56 Rating, Add	703.67	
40 05 19 00-1068	EA		4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,763.69	242.76
			For Class 52 Rating, Deduct	-263.55	
			For Class 54 Rating, Add	363.80	
			For Class 55 Rating, Add	543.11	
			For Class 56 Rating, Add	720.03	
40 05 19 00-1069			6" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1070	EA		6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	660.93	183.60
			For Class 52 Rating, Deduct	-42.10	
			For Class 54 Rating, Add	60.75	
			For Class 55 Rating, Add	92.03	
			For Class 56 Rating, Add	122.93	
40 05 19 00-1071	EA		6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	732.46	186.15
			For Class 52 Rating, Deduct	-49.55	
			For Class 54 Rating, Add	70.95	
			For Class 55 Rating, Add	107.21	
			For Class 56 Rating, Add	143.03	
40 05 19 00-1072	EA		6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	803.99	188.70
			For Class 52 Rating, Deduct	-56.99	
			For Class 54 Rating, Add	81.14	
			For Class 55 Rating, Add	122.40	
			For Class 56 Rating, Add	163.13	
40 05 19 00-1073	EA		6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	875.52	191.25
			For Class 52 Rating, Deduct	-64.43	
			For Class 54 Rating, Add	91.34	
			For Class 55 Rating, Add	137.58	
			For Class 56 Rating, Add	183.23	
40 05 19 00-1074	EA		6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	947.05	193.79
			For Class 52 Rating, Deduct	-71.88	
			For Class 54 Rating, Add	101.54	
			For Class 55 Rating, Add	152.76	
			For Class 56 Rating, Add	203.33	
40 05 19 00-1075	EA		6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,018.59	196.34
			For Class 52 Rating, Deduct	-79.32	
			For Class 54 Rating, Add	111.73	
			For Class 55 Rating, Add	167.94	
			For Class 56 Rating, Add	223.43	
40 05 19 00-1076	EA		6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,090.12	198.89
			For Class 52 Rating, Deduct	-86.76	
			For Class 54 Rating, Add	121.93	
			For Class 55 Rating, Add	183.13	
			For Class 56 Rating, Add	243.53	
40 05 19 00-1077	EA		6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,161.65	201.45
			For Class 52 Rating, Deduct	-94.21	
			For Class 54 Rating, Add	132.13	
			For Class 55 Rating, Add	198.31	
			For Class 56 Rating, Add	263.63	
40 05 19 00-1078	EA		6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,233.19	204.00
			For Class 52 Rating, Deduct	-101.65	
			For Class 54 Rating, Add	142.32	
			For Class 55 Rating, Add	213.49	
			For Class 56 Rating, Add	283.74	
40 05 19 00-1079	EA		6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,304.72	206.55
			For Class 52 Rating, Deduct	-109.09	
			For Class 54 Rating, Add	152.52	
			For Class 55 Rating, Add	228.68	
			For Class 56 Rating, Add	303.84	
40 05 19 00-1080	EA		6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,376.24	209.09
			For Class 52 Rating, Deduct	-116.54	
			For Class 54 Rating, Add	162.72	
			For Class 55 Rating, Add	243.86	
			For Class 56 Rating, Add	323.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1081 EA 6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,447.77	211.65
For Class 52 Rating, Deduct	-123.98	
For Class 54 Rating, Add	172.91	
For Class 55 Rating, Add	259.04	
For Class 56 Rating, Add	344.04	
40 05 19 00-1082 EA 6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,519.30	214.19
For Class 52 Rating, Deduct	-131.42	
For Class 54 Rating, Add	183.11	
For Class 55 Rating, Add	274.22	
For Class 56 Rating, Add	364.14	
40 05 19 00-1083 EA 6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,590.84	216.74
For Class 52 Rating, Deduct	-138.87	
For Class 54 Rating, Add	193.31	
For Class 55 Rating, Add	289.41	
For Class 56 Rating, Add	384.24	
40 05 19 00-1084 EA 6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,662.38	219.30
For Class 52 Rating, Deduct	-146.31	
For Class 54 Rating, Add	203.50	
For Class 55 Rating, Add	304.59	
For Class 56 Rating, Add	404.34	
40 05 19 00-1085 EA 6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,733.91	221.84
For Class 52 Rating, Deduct	-153.76	
For Class 54 Rating, Add	213.70	
For Class 55 Rating, Add	319.77	
For Class 56 Rating, Add	424.45	
40 05 19 00-1086 EA 6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,805.44	224.39
For Class 52 Rating, Deduct	-161.20	
For Class 54 Rating, Add	223.90	
For Class 55 Rating, Add	334.96	
For Class 56 Rating, Add	444.55	
40 05 19 00-1087 EA 6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,876.97	226.94
For Class 52 Rating, Deduct	-168.64	
For Class 54 Rating, Add	234.09	
For Class 55 Rating, Add	350.14	
For Class 56 Rating, Add	464.65	
40 05 19 00-1088 EA 6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,948.50	229.50
For Class 52 Rating, Deduct	-176.09	
For Class 54 Rating, Add	244.29	
For Class 55 Rating, Add	365.32	
For Class 56 Rating, Add	484.75	
40 05 19 00-1089 EA 6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,020.03	232.05
For Class 52 Rating, Deduct	-183.53	
For Class 54 Rating, Add	254.49	
For Class 55 Rating, Add	380.50	
For Class 56 Rating, Add	504.85	
40 05 19 00-1090 EA 6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,091.56	234.60
For Class 52 Rating, Deduct	-190.97	
For Class 54 Rating, Add	264.68	
For Class 55 Rating, Add	395.69	
For Class 56 Rating, Add	524.95	
40 05 19 00-1091 EA 6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,163.10	237.14
For Class 52 Rating, Deduct	-198.42	
For Class 54 Rating, Add	274.88	
For Class 55 Rating, Add	410.87	
For Class 56 Rating, Add	545.05	
40 05 19 00-1092 EA 6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,234.63	239.70
For Class 52 Rating, Deduct	-205.86	
For Class 54 Rating, Add	285.08	
For Class 55 Rating, Add	426.05	
For Class 56 Rating, Add	565.15	
40 05 19 00-1093 EA 6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,306.16	242.24
For Class 52 Rating, Deduct	-213.30	
For Class 54 Rating, Add	295.27	
For Class 55 Rating, Add	441.23	
For Class 56 Rating, Add	585.25	
40 05 19 00-1094 EA 6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,377.69	244.79
For Class 52 Rating, Deduct	-220.75	
For Class 54 Rating, Add	305.47	
For Class 55 Rating, Add	456.42	
For Class 56 Rating, Add	605.36	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-1095	EA	6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,449.23	247.35
		<i>For Class 52 Rating, Deduct</i>		-228.19	
		<i>For Class 54 Rating, Add</i>		315.67	
		<i>For Class 55 Rating, Add</i>		471.60	
		<i>For Class 56 Rating, Add</i>		625.46	
40 05 19 00-1096	EA	6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,520.76	249.89
		<i>For Class 52 Rating, Deduct</i>		-235.63	
		<i>For Class 54 Rating, Add</i>		325.86	
		<i>For Class 55 Rating, Add</i>		486.78	
		<i>For Class 56 Rating, Add</i>		645.56	
40 05 19 00-1097	EA	6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,592.29	252.44
		<i>For Class 52 Rating, Deduct</i>		-243.08	
		<i>For Class 54 Rating, Add</i>		336.06	
		<i>For Class 55 Rating, Add</i>		501.97	
		<i>For Class 56 Rating, Add</i>		665.66	
40 05 19 00-1098	EA	6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,663.82	254.99
		<i>For Class 52 Rating, Deduct</i>		-250.52	
		<i>For Class 54 Rating, Add</i>		346.26	
		<i>For Class 55 Rating, Add</i>		517.15	
		<i>For Class 56 Rating, Add</i>		685.76	
40 05 19 00-1099	EA	6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,735.36	257.55
		<i>For Class 52 Rating, Deduct</i>		-257.97	
		<i>For Class 54 Rating, Add</i>		356.45	
		<i>For Class 55 Rating, Add</i>		532.33	
		<i>For Class 56 Rating, Add</i>		705.86	
40 05 19 00-1100	EA	6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,806.88	260.09
		<i>For Class 52 Rating, Deduct</i>		-265.41	
		<i>For Class 54 Rating, Add</i>		366.65	
		<i>For Class 55 Rating, Add</i>		547.51	
		<i>For Class 56 Rating, Add</i>		725.96	
40 05 19 00-1101	EA	6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,878.41	262.65
		<i>For Class 52 Rating, Deduct</i>		-272.85	
		<i>For Class 54 Rating, Add</i>		376.85	
		<i>For Class 55 Rating, Add</i>		562.70	
		<i>For Class 56 Rating, Add</i>		746.06	
40 05 19 00-1102	EA	6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		2,949.95	265.19
		<i>For Class 52 Rating, Deduct</i>		-280.30	
		<i>For Class 54 Rating, Add</i>		387.04	
		<i>For Class 55 Rating, Add</i>		577.88	
		<i>For Class 56 Rating, Add</i>		766.17	
40 05 19 00-1103	EA	6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,021.49	267.75
		<i>For Class 52 Rating, Deduct</i>		-287.74	
		<i>For Class 54 Rating, Add</i>		397.24	
		<i>For Class 55 Rating, Add</i>		593.06	
		<i>For Class 56 Rating, Add</i>		786.27	
40 05 19 00-1104	EA	6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,093.02	270.29
		<i>For Class 52 Rating, Deduct</i>		-295.18	
		<i>For Class 54 Rating, Add</i>		407.44	
		<i>For Class 55 Rating, Add</i>		608.25	
		<i>For Class 56 Rating, Add</i>		806.37	
40 05 19 00-1105	EA	6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,164.55	272.84
		<i>For Class 52 Rating, Deduct</i>		-302.63	
		<i>For Class 54 Rating, Add</i>		417.63	
		<i>For Class 55 Rating, Add</i>		623.43	
		<i>For Class 56 Rating, Add</i>		826.47	
40 05 19 00-1106	EA	6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,236.08	275.40
		<i>For Class 52 Rating, Deduct</i>		-310.07	
		<i>For Class 54 Rating, Add</i>		427.83	
		<i>For Class 55 Rating, Add</i>		638.61	
		<i>For Class 56 Rating, Add</i>		846.57	
40 05 19 00-1107	EA	6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,307.61	277.93
		<i>For Class 52 Rating, Deduct</i>		-317.51	
		<i>For Class 54 Rating, Add</i>		438.03	
		<i>For Class 55 Rating, Add</i>		653.79	
		<i>For Class 56 Rating, Add</i>		866.67	
40 05 19 00-1108	EA	6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		3,379.14	280.49
		<i>For Class 52 Rating, Deduct</i>		-324.96	
		<i>For Class 54 Rating, Add</i>		448.22	
		<i>For Class 55 Rating, Add</i>		668.98	
		<i>For Class 56 Rating, Add</i>		886.77	

40 05 19 00-1109 8" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1110 EA 8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	911.59	234.60
For Class 52 Rating, Deduct	-61.18	
For Class 54 Rating, Add	87.69	
For Class 55 Rating, Add	132.55	
For Class 56 Rating, Add	176.86	
40 05 19 00-1111 EA 8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,008.50	237.14
For Class 52 Rating, Deduct	-71.41	
For Class 54 Rating, Add	101.69	
For Class 55 Rating, Add	153.39	
For Class 56 Rating, Add	204.45	
40 05 19 00-1112 EA 8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,105.41	239.70
For Class 52 Rating, Deduct	-81.65	
For Class 54 Rating, Add	115.69	
For Class 55 Rating, Add	174.24	
For Class 56 Rating, Add	232.03	
40 05 19 00-1113 EA 8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,202.32	242.24
For Class 52 Rating, Deduct	-91.88	
For Class 54 Rating, Add	129.70	
For Class 55 Rating, Add	195.08	
For Class 56 Rating, Add	259.62	
40 05 19 00-1114 EA 8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,299.23	244.79
For Class 52 Rating, Deduct	-102.12	
For Class 54 Rating, Add	143.70	
For Class 55 Rating, Add	215.92	
For Class 56 Rating, Add	287.21	
40 05 19 00-1115 EA 8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,396.14	247.35
For Class 52 Rating, Deduct	-112.35	
For Class 54 Rating, Add	157.70	
For Class 55 Rating, Add	236.76	
For Class 56 Rating, Add	314.80	
40 05 19 00-1116 EA 8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,493.05	249.89
For Class 52 Rating, Deduct	-122.59	
For Class 54 Rating, Add	171.71	
For Class 55 Rating, Add	257.60	
For Class 56 Rating, Add	342.38	
40 05 19 00-1117 EA 8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,589.95	252.44
For Class 52 Rating, Deduct	-132.82	
For Class 54 Rating, Add	185.71	
For Class 55 Rating, Add	278.44	
For Class 56 Rating, Add	369.97	
40 05 19 00-1118 EA 8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,686.85	254.99
For Class 52 Rating, Deduct	-143.06	
For Class 54 Rating, Add	199.71	
For Class 55 Rating, Add	299.28	
For Class 56 Rating, Add	397.56	
40 05 19 00-1119 EA 8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,783.77	257.55
For Class 52 Rating, Deduct	-153.29	
For Class 54 Rating, Add	213.72	
For Class 55 Rating, Add	320.13	
For Class 56 Rating, Add	425.15	
40 05 19 00-1120 EA 8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,880.67	260.09
For Class 52 Rating, Deduct	-163.52	
For Class 54 Rating, Add	227.72	
For Class 55 Rating, Add	340.97	
For Class 56 Rating, Add	452.73	
40 05 19 00-1121 EA 8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,977.58	262.65
For Class 52 Rating, Deduct	-173.76	
For Class 54 Rating, Add	241.72	
For Class 55 Rating, Add	361.81	
For Class 56 Rating, Add	480.32	
40 05 19 00-1122 EA 8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,074.49	265.19
For Class 52 Rating, Deduct	-183.99	
For Class 54 Rating, Add	255.72	
For Class 55 Rating, Add	382.65	
For Class 56 Rating, Add	507.91	
40 05 19 00-1123 EA 8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,171.40	267.75
For Class 52 Rating, Deduct	-194.23	
For Class 54 Rating, Add	269.73	
For Class 55 Rating, Add	403.49	
For Class 56 Rating, Add	535.49	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1124	EA		8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,268.31	270.29
			<i>For Class 52 Rating, Deduct</i>	-204.46	
			<i>For Class 54 Rating, Add</i>	283.73	
			<i>For Class 55 Rating, Add</i>	424.33	
			<i>For Class 56 Rating, Add</i>	563.08	
40 05 19 00-1125	EA		8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,365.21	272.84
			<i>For Class 52 Rating, Deduct</i>	-214.70	
			<i>For Class 54 Rating, Add</i>	297.73	
			<i>For Class 55 Rating, Add</i>	445.18	
			<i>For Class 56 Rating, Add</i>	590.67	
40 05 19 00-1126	EA		8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,462.12	275.40
			<i>For Class 52 Rating, Deduct</i>	-224.93	
			<i>For Class 54 Rating, Add</i>	311.74	
			<i>For Class 55 Rating, Add</i>	466.02	
			<i>For Class 56 Rating, Add</i>	618.26	
40 05 19 00-1127	EA		8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,559.03	277.93
			<i>For Class 52 Rating, Deduct</i>	-235.17	
			<i>For Class 54 Rating, Add</i>	325.74	
			<i>For Class 55 Rating, Add</i>	486.86	
			<i>For Class 56 Rating, Add</i>	645.84	
40 05 19 00-1128	EA		8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,655.94	280.49
			<i>For Class 52 Rating, Deduct</i>	-245.40	
			<i>For Class 54 Rating, Add</i>	339.74	
			<i>For Class 55 Rating, Add</i>	507.70	
			<i>For Class 56 Rating, Add</i>	673.43	
40 05 19 00-1129	EA		8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,752.84	283.04
			<i>For Class 52 Rating, Deduct</i>	-255.64	
			<i>For Class 54 Rating, Add</i>	353.74	
			<i>For Class 55 Rating, Add</i>	528.54	
			<i>For Class 56 Rating, Add</i>	701.02	
40 05 19 00-1130	EA		8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,849.74	285.60
			<i>For Class 52 Rating, Deduct</i>	-265.87	
			<i>For Class 54 Rating, Add</i>	367.75	
			<i>For Class 55 Rating, Add</i>	549.38	
			<i>For Class 56 Rating, Add</i>	728.60	
40 05 19 00-1131	EA		8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,946.67	288.14
			<i>For Class 52 Rating, Deduct</i>	-276.11	
			<i>For Class 54 Rating, Add</i>	381.75	
			<i>For Class 55 Rating, Add</i>	570.23	
			<i>For Class 56 Rating, Add</i>	756.19	
40 05 19 00-1132	EA		8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,043.57	290.70
			<i>For Class 52 Rating, Deduct</i>	-286.34	
			<i>For Class 54 Rating, Add</i>	395.75	
			<i>For Class 55 Rating, Add</i>	591.07	
			<i>For Class 56 Rating, Add</i>	783.78	
40 05 19 00-1133	EA		8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,140.48	293.24
			<i>For Class 52 Rating, Deduct</i>	-296.58	
			<i>For Class 54 Rating, Add</i>	409.76	
			<i>For Class 55 Rating, Add</i>	611.91	
			<i>For Class 56 Rating, Add</i>	811.37	
40 05 19 00-1134	EA		8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,237.38	295.80
			<i>For Class 52 Rating, Deduct</i>	-306.81	
			<i>For Class 54 Rating, Add</i>	423.76	
			<i>For Class 55 Rating, Add</i>	632.75	
			<i>For Class 56 Rating, Add</i>	838.95	
40 05 19 00-1135	EA		8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,334.29	298.34
			<i>For Class 52 Rating, Deduct</i>	-317.05	
			<i>For Class 54 Rating, Add</i>	437.76	
			<i>For Class 55 Rating, Add</i>	653.59	
			<i>For Class 56 Rating, Add</i>	866.54	
40 05 19 00-1136	EA		8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,431.20	300.89
			<i>For Class 52 Rating, Deduct</i>	-327.28	
			<i>For Class 54 Rating, Add</i>	451.77	
			<i>For Class 55 Rating, Add</i>	674.43	
			<i>For Class 56 Rating, Add</i>	894.13	
40 05 19 00-1137	EA		8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,528.10	303.45
			<i>For Class 52 Rating, Deduct</i>	-337.52	
			<i>For Class 54 Rating, Add</i>	465.77	
			<i>For Class 55 Rating, Add</i>	695.27	
			<i>For Class 56 Rating, Add</i>	921.71	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1138 EA 8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,625.01	305.99
<i>For Class 52 Rating, Deduct</i>	-347.75	
<i>For Class 54 Rating, Add</i>	479.77	
<i>For Class 55 Rating, Add</i>	716.12	
<i>For Class 56 Rating, Add</i>	949.30	
40 05 19 00-1139 EA 8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,721.92	308.54
<i>For Class 52 Rating, Deduct</i>	-357.99	
<i>For Class 54 Rating, Add</i>	493.77	
<i>For Class 55 Rating, Add</i>	736.96	
<i>For Class 56 Rating, Add</i>	976.89	
40 05 19 00-1140 EA 8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,818.84	311.09
<i>For Class 52 Rating, Deduct</i>	-368.22	
<i>For Class 54 Rating, Add</i>	507.78	
<i>For Class 55 Rating, Add</i>	757.80	
<i>For Class 56 Rating, Add</i>	1,004.48	
40 05 19 00-1141 EA 8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,915.74	313.65
<i>For Class 52 Rating, Deduct</i>	-378.46	
<i>For Class 54 Rating, Add</i>	521.78	
<i>For Class 55 Rating, Add</i>	778.64	
<i>For Class 56 Rating, Add</i>	1,032.06	
40 05 19 00-1142 EA 8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,012.64	316.19
<i>For Class 52 Rating, Deduct</i>	-388.69	
<i>For Class 54 Rating, Add</i>	535.78	
<i>For Class 55 Rating, Add</i>	799.48	
<i>For Class 56 Rating, Add</i>	1,059.65	
40 05 19 00-1143 EA 8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,109.55	318.75
<i>For Class 52 Rating, Deduct</i>	-398.93	
<i>For Class 54 Rating, Add</i>	549.79	
<i>For Class 55 Rating, Add</i>	820.32	
<i>For Class 56 Rating, Add</i>	1,087.24	
40 05 19 00-1144 EA 8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,206.46	321.29
<i>For Class 52 Rating, Deduct</i>	-409.16	
<i>For Class 54 Rating, Add</i>	563.79	
<i>For Class 55 Rating, Add</i>	841.17	
<i>For Class 56 Rating, Add</i>	1,114.82	
40 05 19 00-1145 EA 8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,303.37	323.84
<i>For Class 52 Rating, Deduct</i>	-419.40	
<i>For Class 54 Rating, Add</i>	577.79	
<i>For Class 55 Rating, Add</i>	862.01	
<i>For Class 56 Rating, Add</i>	1,142.41	
40 05 19 00-1146 EA 8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,400.27	326.39
<i>For Class 52 Rating, Deduct</i>	-429.63	
<i>For Class 54 Rating, Add</i>	591.80	
<i>For Class 55 Rating, Add</i>	882.85	
<i>For Class 56 Rating, Add</i>	1,170.00	
40 05 19 00-1147 EA 8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,497.17	328.94
<i>For Class 52 Rating, Deduct</i>	-439.87	
<i>For Class 54 Rating, Add</i>	605.80	
<i>For Class 55 Rating, Add</i>	903.69	
<i>For Class 56 Rating, Add</i>	1,197.58	
40 05 19 00-1148 EA 8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,594.09	331.50
<i>For Class 52 Rating, Deduct</i>	-450.10	
<i>For Class 54 Rating, Add</i>	619.80	
<i>For Class 55 Rating, Add</i>	924.53	
<i>For Class 56 Rating, Add</i>	1,225.17	
40 05 19 00-1149 10" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1150 EA 10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,149.57	285.60
<i>For Class 52 Rating, Deduct</i>	-78.85	
<i>For Class 54 Rating, Add</i>	112.72	
<i>For Class 55 Rating, Add</i>	170.24	
<i>For Class 56 Rating, Add</i>	227.05	
40 05 19 00-1151 EA 10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	1,276.10	288.14
<i>For Class 52 Rating, Deduct</i>	-92.35	
<i>For Class 54 Rating, Add</i>	131.17	
<i>For Class 55 Rating, Add</i>	197.69	
<i>For Class 56 Rating, Add</i>	263.37	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1152	EA		10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,402.61	290.70
			<i>For Class 52 Rating, Deduct</i>	-105.84	
			<i>For Class 54 Rating, Add</i>	149.61	
			<i>For Class 55 Rating, Add</i>	225.13	
			<i>For Class 56 Rating, Add</i>	299.69	
40 05 19 00-1153	EA		10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,529.12	293.24
			<i>For Class 52 Rating, Deduct</i>	-119.33	
			<i>For Class 54 Rating, Add</i>	168.05	
			<i>For Class 55 Rating, Add</i>	252.58	
			<i>For Class 56 Rating, Add</i>	336.01	
40 05 19 00-1154	EA		10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,655.63	295.80
			<i>For Class 52 Rating, Deduct</i>	-132.82	
			<i>For Class 54 Rating, Add</i>	186.50	
			<i>For Class 55 Rating, Add</i>	280.02	
			<i>For Class 56 Rating, Add</i>	372.33	
40 05 19 00-1155	EA		10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,782.15	298.34
			<i>For Class 52 Rating, Deduct</i>	-146.31	
			<i>For Class 54 Rating, Add</i>	204.94	
			<i>For Class 55 Rating, Add</i>	307.46	
			<i>For Class 56 Rating, Add</i>	408.66	
40 05 19 00-1156	EA		10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,908.66	300.89
			<i>For Class 52 Rating, Deduct</i>	-159.80	
			<i>For Class 54 Rating, Add</i>	223.38	
			<i>For Class 55 Rating, Add</i>	334.91	
			<i>For Class 56 Rating, Add</i>	444.98	
40 05 19 00-1157	EA		10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,035.17	303.45
			<i>For Class 52 Rating, Deduct</i>	-173.30	
			<i>For Class 54 Rating, Add</i>	241.83	
			<i>For Class 55 Rating, Add</i>	362.35	
			<i>For Class 56 Rating, Add</i>	481.30	
40 05 19 00-1158	EA		10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,161.68	305.99
			<i>For Class 52 Rating, Deduct</i>	-186.79	
			<i>For Class 54 Rating, Add</i>	260.27	
			<i>For Class 55 Rating, Add</i>	389.79	
			<i>For Class 56 Rating, Add</i>	517.62	
40 05 19 00-1159	EA		10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,288.19	308.54
			<i>For Class 52 Rating, Deduct</i>	-200.28	
			<i>For Class 54 Rating, Add</i>	278.71	
			<i>For Class 55 Rating, Add</i>	417.24	
			<i>For Class 56 Rating, Add</i>	553.94	
40 05 19 00-1160	EA		10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,414.71	311.09
			<i>For Class 52 Rating, Deduct</i>	-213.77	
			<i>For Class 54 Rating, Add</i>	297.16	
			<i>For Class 55 Rating, Add</i>	444.68	
			<i>For Class 56 Rating, Add</i>	590.26	
40 05 19 00-1161	EA		10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,541.22	313.65
			<i>For Class 52 Rating, Deduct</i>	-227.26	
			<i>For Class 54 Rating, Add</i>	315.60	
			<i>For Class 55 Rating, Add</i>	472.12	
			<i>For Class 56 Rating, Add</i>	626.58	
40 05 19 00-1162	EA		10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,667.73	316.19
			<i>For Class 52 Rating, Deduct</i>	-240.75	
			<i>For Class 54 Rating, Add</i>	334.05	
			<i>For Class 55 Rating, Add</i>	499.57	
			<i>For Class 56 Rating, Add</i>	662.90	
40 05 19 00-1163	EA		10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,794.24	318.75
			<i>For Class 52 Rating, Deduct</i>	-254.24	
			<i>For Class 54 Rating, Add</i>	352.49	
			<i>For Class 55 Rating, Add</i>	527.01	
			<i>For Class 56 Rating, Add</i>	699.22	
40 05 19 00-1164	EA		10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,920.76	321.29
			<i>For Class 52 Rating, Deduct</i>	-267.73	
			<i>For Class 54 Rating, Add</i>	370.93	
			<i>For Class 55 Rating, Add</i>	554.45	
			<i>For Class 56 Rating, Add</i>	735.54	
40 05 19 00-1165	EA		10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,047.27	323.84
			<i>For Class 52 Rating, Deduct</i>	-281.23	
			<i>For Class 54 Rating, Add</i>	389.38	
			<i>For Class 55 Rating, Add</i>	581.90	
			<i>For Class 56 Rating, Add</i>	771.86	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1166 EA 10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,173.78	326.39
<i>For Class 52 Rating, Deduct</i>	-294.72	
<i>For Class 54 Rating, Add</i>	407.82	
<i>For Class 55 Rating, Add</i>	609.34	
<i>For Class 56 Rating, Add</i>	808.18	
40 05 19 00-1167 EA 10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,300.29	328.94
<i>For Class 52 Rating, Deduct</i>	-308.21	
<i>For Class 54 Rating, Add</i>	426.27	
<i>For Class 55 Rating, Add</i>	636.79	
<i>For Class 56 Rating, Add</i>	844.50	
40 05 19 00-1168 EA 10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,426.81	331.50
<i>For Class 52 Rating, Deduct</i>	-321.70	
<i>For Class 54 Rating, Add</i>	444.71	
<i>For Class 55 Rating, Add</i>	664.23	
<i>For Class 56 Rating, Add</i>	880.82	
40 05 19 00-1169 EA 10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,553.33	334.04
<i>For Class 52 Rating, Deduct</i>	-335.19	
<i>For Class 54 Rating, Add</i>	463.15	
<i>For Class 55 Rating, Add</i>	691.67	
<i>For Class 56 Rating, Add</i>	917.14	
40 05 19 00-1170 EA 10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,679.84	336.59
<i>For Class 52 Rating, Deduct</i>	-348.68	
<i>For Class 54 Rating, Add</i>	481.60	
<i>For Class 55 Rating, Add</i>	719.12	
<i>For Class 56 Rating, Add</i>	953.47	
40 05 19 00-1171 EA 10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,806.34	339.14
<i>For Class 52 Rating, Deduct</i>	-362.17	
<i>For Class 54 Rating, Add</i>	500.04	
<i>For Class 55 Rating, Add</i>	746.56	
<i>For Class 56 Rating, Add</i>	989.78	
40 05 19 00-1172 EA 10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,932.86	341.69
<i>For Class 52 Rating, Deduct</i>	-375.67	
<i>For Class 54 Rating, Add</i>	518.48	
<i>For Class 55 Rating, Add</i>	774.00	
<i>For Class 56 Rating, Add</i>	1,026.10	
40 05 19 00-1173 EA 10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,059.37	344.24
<i>For Class 52 Rating, Deduct</i>	-389.16	
<i>For Class 54 Rating, Add</i>	536.93	
<i>For Class 55 Rating, Add</i>	801.45	
<i>For Class 56 Rating, Add</i>	1,062.42	
40 05 19 00-1174 EA 10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,185.88	346.80
<i>For Class 52 Rating, Deduct</i>	-402.65	
<i>For Class 54 Rating, Add</i>	555.37	
<i>For Class 55 Rating, Add</i>	828.89	
<i>For Class 56 Rating, Add</i>	1,098.75	
40 05 19 00-1175 EA 10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,312.39	349.34
<i>For Class 52 Rating, Deduct</i>	-416.14	
<i>For Class 54 Rating, Add</i>	573.82	
<i>For Class 55 Rating, Add</i>	856.33	
<i>For Class 56 Rating, Add</i>	1,135.07	
40 05 19 00-1176 EA 10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,438.91	351.88
<i>For Class 52 Rating, Deduct</i>	-429.63	
<i>For Class 54 Rating, Add</i>	592.26	
<i>For Class 55 Rating, Add</i>	883.78	
<i>For Class 56 Rating, Add</i>	1,171.39	
40 05 19 00-1177 EA 10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,565.42	354.44
<i>For Class 52 Rating, Deduct</i>	-443.12	
<i>For Class 54 Rating, Add</i>	610.70	
<i>For Class 55 Rating, Add</i>	911.22	
<i>For Class 56 Rating, Add</i>	1,207.71	
40 05 19 00-1178 EA 10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,691.94	356.99
<i>For Class 52 Rating, Deduct</i>	-456.61	
<i>For Class 54 Rating, Add</i>	629.15	
<i>For Class 55 Rating, Add</i>	938.66	
<i>For Class 56 Rating, Add</i>	1,244.03	
40 05 19 00-1179 EA 10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,818.45	359.55
<i>For Class 52 Rating, Deduct</i>	-470.11	
<i>For Class 54 Rating, Add</i>	647.59	
<i>For Class 55 Rating, Add</i>	966.11	
<i>For Class 56 Rating, Add</i>	1,280.35	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1180	EA		10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,944.97	362.09
			<i>For Class 52 Rating, Deduct</i>	-483.60	
			<i>For Class 54 Rating, Add</i>	666.03	
			<i>For Class 55 Rating, Add</i>	993.55	
			<i>For Class 56 Rating, Add</i>	1,316.67	
40 05 19 00-1181	EA		10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,071.48	364.64
			<i>For Class 52 Rating, Deduct</i>	-497.09	
			<i>For Class 54 Rating, Add</i>	684.48	
			<i>For Class 55 Rating, Add</i>	1,020.99	
			<i>For Class 56 Rating, Add</i>	1,352.99	
40 05 19 00-1182	EA		10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,197.98	367.19
			<i>For Class 52 Rating, Deduct</i>	-510.58	
			<i>For Class 54 Rating, Add</i>	702.92	
			<i>For Class 55 Rating, Add</i>	1,048.44	
			<i>For Class 56 Rating, Add</i>	1,389.31	
40 05 19 00-1183	EA		10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,324.49	369.74
			<i>For Class 52 Rating, Deduct</i>	-524.07	
			<i>For Class 54 Rating, Add</i>	721.36	
			<i>For Class 55 Rating, Add</i>	1,075.88	
			<i>For Class 56 Rating, Add</i>	1,425.63	
40 05 19 00-1184	EA		10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,451.01	372.29
			<i>For Class 52 Rating, Deduct</i>	-537.56	
			<i>For Class 54 Rating, Add</i>	739.81	
			<i>For Class 55 Rating, Add</i>	1,103.32	
			<i>For Class 56 Rating, Add</i>	1,461.95	
40 05 19 00-1185	EA		10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,577.52	374.85
			<i>For Class 52 Rating, Deduct</i>	-551.05	
			<i>For Class 54 Rating, Add</i>	758.25	
			<i>For Class 55 Rating, Add</i>	1,130.77	
			<i>For Class 56 Rating, Add</i>	1,498.27	
40 05 19 00-1186	EA		10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,704.03	377.40
			<i>For Class 52 Rating, Deduct</i>	-564.55	
			<i>For Class 54 Rating, Add</i>	776.70	
			<i>For Class 55 Rating, Add</i>	1,158.21	
			<i>For Class 56 Rating, Add</i>	1,534.59	
40 05 19 00-1187	EA		10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,830.55	379.93
			<i>For Class 52 Rating, Deduct</i>	-578.04	
			<i>For Class 54 Rating, Add</i>	795.14	
			<i>For Class 55 Rating, Add</i>	1,185.65	
			<i>For Class 56 Rating, Add</i>	1,570.91	
40 05 19 00-1188	EA		10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,957.07	382.49
			<i>For Class 52 Rating, Deduct</i>	-591.53	
			<i>For Class 54 Rating, Add</i>	813.58	
			<i>For Class 55 Rating, Add</i>	1,213.10	
			<i>For Class 56 Rating, Add</i>	1,607.23	
40 05 19 00-1189			12" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1190	EA		12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,496.72	356.99
			<i>For Class 52 Rating, Deduct</i>	-105.14	
			<i>For Class 54 Rating, Add</i>	149.86	
			<i>For Class 55 Rating, Add</i>	226.13	
			<i>For Class 56 Rating, Add</i>	301.44	
40 05 19 00-1191	EA		12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,654.95	359.55
			<i>For Class 52 Rating, Deduct</i>	-122.12	
			<i>For Class 54 Rating, Add</i>	173.07	
			<i>For Class 55 Rating, Add</i>	260.65	
			<i>For Class 56 Rating, Add</i>	347.12	
40 05 19 00-1192	EA		12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,813.18	362.09
			<i>For Class 52 Rating, Deduct</i>	-139.10	
			<i>For Class 54 Rating, Add</i>	196.27	
			<i>For Class 55 Rating, Add</i>	295.16	
			<i>For Class 56 Rating, Add</i>	392.79	
40 05 19 00-1193	EA		12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	1,971.41	364.64
			<i>For Class 52 Rating, Deduct</i>	-156.08	
			<i>For Class 54 Rating, Add</i>	219.47	
			<i>For Class 55 Rating, Add</i>	329.68	
			<i>For Class 56 Rating, Add</i>	438.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1194 EA 12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,129.64	367.19
<i>For Class 52 Rating, Deduct</i>	-173.06	
<i>For Class 54 Rating, Add</i>	242.67	
<i>For Class 55 Rating, Add</i>	364.20	
<i>For Class 56 Rating, Add</i>	484.15	
40 05 19 00-1195 EA 12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,287.87	369.74
<i>For Class 52 Rating, Deduct</i>	-190.04	
<i>For Class 54 Rating, Add</i>	265.87	
<i>For Class 55 Rating, Add</i>	398.71	
<i>For Class 56 Rating, Add</i>	529.83	
40 05 19 00-1196 EA 12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,446.11	372.29
<i>For Class 52 Rating, Deduct</i>	-207.02	
<i>For Class 54 Rating, Add</i>	289.07	
<i>For Class 55 Rating, Add</i>	433.23	
<i>For Class 56 Rating, Add</i>	575.51	
40 05 19 00-1197 EA 12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,604.34	374.85
<i>For Class 52 Rating, Deduct</i>	-224.00	
<i>For Class 54 Rating, Add</i>	312.28	
<i>For Class 55 Rating, Add</i>	467.75	
<i>For Class 56 Rating, Add</i>	621.18	
40 05 19 00-1198 EA 12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,762.57	377.40
<i>For Class 52 Rating, Deduct</i>	-240.98	
<i>For Class 54 Rating, Add</i>	335.48	
<i>For Class 55 Rating, Add</i>	502.26	
<i>For Class 56 Rating, Add</i>	666.86	
40 05 19 00-1199 EA 12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	2,920.81	379.93
<i>For Class 52 Rating, Deduct</i>	-257.97	
<i>For Class 54 Rating, Add</i>	358.68	
<i>For Class 55 Rating, Add</i>	536.78	
<i>For Class 56 Rating, Add</i>	712.54	
40 05 19 00-1200 EA 12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,079.04	382.49
<i>For Class 52 Rating, Deduct</i>	-274.95	
<i>For Class 54 Rating, Add</i>	381.88	
<i>For Class 55 Rating, Add</i>	571.30	
<i>For Class 56 Rating, Add</i>	758.22	
40 05 19 00-1201 EA 12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,237.27	385.04
<i>For Class 52 Rating, Deduct</i>	-291.93	
<i>For Class 54 Rating, Add</i>	405.08	
<i>For Class 55 Rating, Add</i>	605.81	
<i>For Class 56 Rating, Add</i>	803.89	
40 05 19 00-1202 EA 12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,395.50	387.59
<i>For Class 52 Rating, Deduct</i>	-308.91	
<i>For Class 54 Rating, Add</i>	428.28	
<i>For Class 55 Rating, Add</i>	640.33	
<i>For Class 56 Rating, Add</i>	849.57	
40 05 19 00-1203 EA 12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,553.73	390.14
<i>For Class 52 Rating, Deduct</i>	-325.89	
<i>For Class 54 Rating, Add</i>	451.48	
<i>For Class 55 Rating, Add</i>	674.85	
<i>For Class 56 Rating, Add</i>	895.25	
40 05 19 00-1204 EA 12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,711.97	392.69
<i>For Class 52 Rating, Deduct</i>	-342.87	
<i>For Class 54 Rating, Add</i>	474.69	
<i>For Class 55 Rating, Add</i>	709.37	
<i>For Class 56 Rating, Add</i>	940.93	
40 05 19 00-1205 EA 12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	3,870.20	395.24
<i>For Class 52 Rating, Deduct</i>	-359.85	
<i>For Class 54 Rating, Add</i>	497.89	
<i>For Class 55 Rating, Add</i>	743.88	
<i>For Class 56 Rating, Add</i>	986.61	
40 05 19 00-1206 EA 12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,028.43	397.79
<i>For Class 52 Rating, Deduct</i>	-376.83	
<i>For Class 54 Rating, Add</i>	521.09	
<i>For Class 55 Rating, Add</i>	778.40	
<i>For Class 56 Rating, Add</i>	1,032.28	
40 05 19 00-1207 EA 12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,186.66	400.34
<i>For Class 52 Rating, Deduct</i>	-393.81	
<i>For Class 54 Rating, Add</i>	544.29	
<i>For Class 55 Rating, Add</i>	812.92	
<i>For Class 56 Rating, Add</i>	1,077.96	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05	19 00-1208	EA	12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,344.90	402.90
			<i>For Class 52 Rating, Deduct</i>	-410.79	
			<i>For Class 54 Rating, Add</i>	567.49	
			<i>For Class 55 Rating, Add</i>	847.43	
			<i>For Class 56 Rating, Add</i>	1,123.64	
40 05	19 00-1209	EA	12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,503.13	405.44
			<i>For Class 52 Rating, Deduct</i>	-427.77	
			<i>For Class 54 Rating, Add</i>	590.69	
			<i>For Class 55 Rating, Add</i>	881.95	
			<i>For Class 56 Rating, Add</i>	1,169.32	
40 05	19 00-1210	EA	12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,661.36	407.98
			<i>For Class 52 Rating, Deduct</i>	-444.75	
			<i>For Class 54 Rating, Add</i>	613.90	
			<i>For Class 55 Rating, Add</i>	916.47	
			<i>For Class 56 Rating, Add</i>	1,215.00	
40 05	19 00-1211	EA	12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,819.59	410.54
			<i>For Class 52 Rating, Deduct</i>	-461.73	
			<i>For Class 54 Rating, Add</i>	637.10	
			<i>For Class 55 Rating, Add</i>	950.98	
			<i>For Class 56 Rating, Add</i>	1,260.67	
40 05	19 00-1212	EA	12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,977.83	413.09
			<i>For Class 52 Rating, Deduct</i>	-478.71	
			<i>For Class 54 Rating, Add</i>	660.30	
			<i>For Class 55 Rating, Add</i>	985.50	
			<i>For Class 56 Rating, Add</i>	1,306.35	
40 05	19 00-1213	EA	12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,136.06	415.64
			<i>For Class 52 Rating, Deduct</i>	-495.69	
			<i>For Class 54 Rating, Add</i>	683.50	
			<i>For Class 55 Rating, Add</i>	1,020.02	
			<i>For Class 56 Rating, Add</i>	1,352.03	
40 05	19 00-1214	EA	12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,294.29	418.19
			<i>For Class 52 Rating, Deduct</i>	-512.67	
			<i>For Class 54 Rating, Add</i>	706.70	
			<i>For Class 55 Rating, Add</i>	1,054.54	
			<i>For Class 56 Rating, Add</i>	1,397.71	
40 05	19 00-1215	EA	12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,452.52	420.74
			<i>For Class 52 Rating, Deduct</i>	-529.65	
			<i>For Class 54 Rating, Add</i>	729.91	
			<i>For Class 55 Rating, Add</i>	1,089.05	
			<i>For Class 56 Rating, Add</i>	1,443.39	
40 05	19 00-1216	EA	12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,610.74	423.29
			<i>For Class 52 Rating, Deduct</i>	-546.63	
			<i>For Class 54 Rating, Add</i>	753.11	
			<i>For Class 55 Rating, Add</i>	1,123.57	
			<i>For Class 56 Rating, Add</i>	1,489.06	
40 05	19 00-1217	EA	12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,768.99	425.84
			<i>For Class 52 Rating, Deduct</i>	-563.61	
			<i>For Class 54 Rating, Add</i>	776.31	
			<i>For Class 55 Rating, Add</i>	1,158.09	
			<i>For Class 56 Rating, Add</i>	1,534.74	
40 05	19 00-1218	EA	12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,927.22	428.39
			<i>For Class 52 Rating, Deduct</i>	-580.60	
			<i>For Class 54 Rating, Add</i>	799.51	
			<i>For Class 55 Rating, Add</i>	1,192.60	
			<i>For Class 56 Rating, Add</i>	1,580.42	
40 05	19 00-1219	EA	12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,085.45	430.95
			<i>For Class 52 Rating, Deduct</i>	-597.58	
			<i>For Class 54 Rating, Add</i>	822.71	
			<i>For Class 55 Rating, Add</i>	1,227.12	
			<i>For Class 56 Rating, Add</i>	1,626.10	
40 05	19 00-1220	EA	12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,243.68	433.49
			<i>For Class 52 Rating, Deduct</i>	-614.56	
			<i>For Class 54 Rating, Add</i>	845.91	
			<i>For Class 55 Rating, Add</i>	1,261.64	
			<i>For Class 56 Rating, Add</i>	1,671.77	
40 05	19 00-1221	EA	12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,401.92	436.03
			<i>For Class 52 Rating, Deduct</i>	-631.54	
			<i>For Class 54 Rating, Add</i>	869.12	
			<i>For Class 55 Rating, Add</i>	1,296.15	
			<i>For Class 56 Rating, Add</i>	1,717.45	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1222 EA 12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,560.15	438.59
<i>For Class 52 Rating, Deduct</i>	-648.52	
<i>For Class 54 Rating, Add</i>	892.32	
<i>For Class 55 Rating, Add</i>	1,330.67	
<i>For Class 56 Rating, Add</i>	1,763.13	
40 05 19 00-1223 EA 12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,718.37	441.14
<i>For Class 52 Rating, Deduct</i>	-665.50	
<i>For Class 54 Rating, Add</i>	915.52	
<i>For Class 55 Rating, Add</i>	1,365.19	
<i>For Class 56 Rating, Add</i>	1,808.81	
40 05 19 00-1224 EA 12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,876.60	443.69
<i>For Class 52 Rating, Deduct</i>	-682.48	
<i>For Class 54 Rating, Add</i>	938.72	
<i>For Class 55 Rating, Add</i>	1,399.70	
<i>For Class 56 Rating, Add</i>	1,854.48	
40 05 19 00-1225 EA 12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,034.84	446.24
<i>For Class 52 Rating, Deduct</i>	-699.46	
<i>For Class 54 Rating, Add</i>	961.92	
<i>For Class 55 Rating, Add</i>	1,434.22	
<i>For Class 56 Rating, Add</i>	1,900.16	
40 05 19 00-1226 EA 12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,193.08	448.79
<i>For Class 52 Rating, Deduct</i>	-716.44	
<i>For Class 54 Rating, Add</i>	985.12	
<i>For Class 55 Rating, Add</i>	1,468.74	
<i>For Class 56 Rating, Add</i>	1,945.84	
40 05 19 00-1227 EA 12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,351.31	451.33
<i>For Class 52 Rating, Deduct</i>	-733.42	
<i>For Class 54 Rating, Add</i>	1,008.33	
<i>For Class 55 Rating, Add</i>	1,503.26	
<i>For Class 56 Rating, Add</i>	1,991.52	
40 05 19 00-1228 EA 12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,509.54	453.89
<i>For Class 52 Rating, Deduct</i>	-750.40	
<i>For Class 54 Rating, Add</i>	1,031.53	
<i>For Class 55 Rating, Add</i>	1,537.77	
<i>For Class 56 Rating, Add</i>	2,037.20	
40 05 19 00-1229 14" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1230 EA 14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,013.02	428.39
<i>For Class 52 Rating, Deduct</i>	-150.03	
<i>For Class 54 Rating, Add</i>	212.38	
<i>For Class 55 Rating, Add</i>	319.74	
<i>For Class 56 Rating, Add</i>	425.73	
40 05 19 00-1231 EA 14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,205.09	430.95
<i>For Class 52 Rating, Deduct</i>	-170.74	
<i>For Class 54 Rating, Add</i>	240.66	
<i>For Class 55 Rating, Add</i>	361.80	
<i>For Class 56 Rating, Add</i>	481.39	
40 05 19 00-1232 EA 14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,397.15	433.49
<i>For Class 52 Rating, Deduct</i>	-191.44	
<i>For Class 54 Rating, Add</i>	268.93	
<i>For Class 55 Rating, Add</i>	403.86	
<i>For Class 56 Rating, Add</i>	537.05	
40 05 19 00-1233 EA 14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,589.22	436.03
<i>For Class 52 Rating, Deduct</i>	-212.14	
<i>For Class 54 Rating, Add</i>	297.21	
<i>For Class 55 Rating, Add</i>	445.92	
<i>For Class 56 Rating, Add</i>	592.71	
40 05 19 00-1234 EA 14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,781.28	438.59
<i>For Class 52 Rating, Deduct</i>	-232.84	
<i>For Class 54 Rating, Add</i>	325.49	
<i>For Class 55 Rating, Add</i>	487.98	
<i>For Class 56 Rating, Add</i>	648.36	
40 05 19 00-1235 EA 14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,973.35	441.14
<i>For Class 52 Rating, Deduct</i>	-253.55	
<i>For Class 54 Rating, Add</i>	353.76	
<i>For Class 55 Rating, Add</i>	530.05	
<i>For Class 56 Rating, Add</i>	704.03	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1236	EA		14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,165.41	443.69
			<i>For Class 52 Rating, Deduct</i>	-274.25	
			<i>For Class 54 Rating, Add</i>	382.04	
			<i>For Class 55 Rating, Add</i>	572.11	
			<i>For Class 56 Rating, Add</i>	759.68	
40 05 19 00-1237	EA		14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,357.48	446.24
			<i>For Class 52 Rating, Deduct</i>	-294.95	
			<i>For Class 54 Rating, Add</i>	410.32	
			<i>For Class 55 Rating, Add</i>	614.17	
			<i>For Class 56 Rating, Add</i>	815.34	
40 05 19 00-1238	EA		14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,549.56	448.79
			<i>For Class 52 Rating, Deduct</i>	-315.65	
			<i>For Class 54 Rating, Add</i>	438.60	
			<i>For Class 55 Rating, Add</i>	656.23	
			<i>For Class 56 Rating, Add</i>	871.00	
40 05 19 00-1239	EA		14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,741.62	451.33
			<i>For Class 52 Rating, Deduct</i>	-336.35	
			<i>For Class 54 Rating, Add</i>	466.87	
			<i>For Class 55 Rating, Add</i>	698.30	
			<i>For Class 56 Rating, Add</i>	926.66	
40 05 19 00-1240	EA		14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,933.68	453.89
			<i>For Class 52 Rating, Deduct</i>	-357.06	
			<i>For Class 54 Rating, Add</i>	495.15	
			<i>For Class 55 Rating, Add</i>	740.36	
			<i>For Class 56 Rating, Add</i>	982.32	
40 05 19 00-1241	EA		14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,125.76	456.44
			<i>For Class 52 Rating, Deduct</i>	-377.76	
			<i>For Class 54 Rating, Add</i>	523.43	
			<i>For Class 55 Rating, Add</i>	782.42	
			<i>For Class 56 Rating, Add</i>	1,037.98	
40 05 19 00-1242	EA		14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,317.82	459.00
			<i>For Class 52 Rating, Deduct</i>	-398.46	
			<i>For Class 54 Rating, Add</i>	551.70	
			<i>For Class 55 Rating, Add</i>	824.48	
			<i>For Class 56 Rating, Add</i>	1,093.64	
40 05 19 00-1243	EA		14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,509.88	461.54
			<i>For Class 52 Rating, Deduct</i>	-419.16	
			<i>For Class 54 Rating, Add</i>	579.98	
			<i>For Class 55 Rating, Add</i>	866.54	
			<i>For Class 56 Rating, Add</i>	1,149.30	
40 05 19 00-1244	EA		14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,701.94	464.08
			<i>For Class 52 Rating, Deduct</i>	-439.87	
			<i>For Class 54 Rating, Add</i>	608.25	
			<i>For Class 55 Rating, Add</i>	908.60	
			<i>For Class 56 Rating, Add</i>	1,204.95	
40 05 19 00-1245	EA		14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,894.02	466.64
			<i>For Class 52 Rating, Deduct</i>	-460.57	
			<i>For Class 54 Rating, Add</i>	636.53	
			<i>For Class 55 Rating, Add</i>	950.67	
			<i>For Class 56 Rating, Add</i>	1,260.62	
40 05 19 00-1246	EA		14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,086.08	469.18
			<i>For Class 52 Rating, Deduct</i>	-481.27	
			<i>For Class 54 Rating, Add</i>	664.81	
			<i>For Class 55 Rating, Add</i>	992.73	
			<i>For Class 56 Rating, Add</i>	1,316.27	
40 05 19 00-1247	EA		14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,278.15	471.74
			<i>For Class 52 Rating, Deduct</i>	-501.97	
			<i>For Class 54 Rating, Add</i>	693.09	
			<i>For Class 55 Rating, Add</i>	1,034.79	
			<i>For Class 56 Rating, Add</i>	1,371.93	
40 05 19 00-1248	EA		14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,470.22	474.29
			<i>For Class 52 Rating, Deduct</i>	-522.68	
			<i>For Class 54 Rating, Add</i>	721.36	
			<i>For Class 55 Rating, Add</i>	1,076.85	
			<i>For Class 56 Rating, Add</i>	1,427.59	
40 05 19 00-1249	EA		14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,662.29	476.85
			<i>For Class 52 Rating, Deduct</i>	-543.38	
			<i>For Class 54 Rating, Add</i>	749.64	
			<i>For Class 55 Rating, Add</i>	1,118.92	
			<i>For Class 56 Rating, Add</i>	1,483.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1250 EA 14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,854.35	479.38
<i>For Class 52 Rating, Deduct</i>	-564.08	
<i>For Class 54 Rating, Add</i>	777.92	
<i>For Class 55 Rating, Add</i>	1,160.98	
<i>For Class 56 Rating, Add</i>	1,538.91	
40 05 19 00-1251 EA 14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,046.41	481.94
<i>For Class 52 Rating, Deduct</i>	-584.78	
<i>For Class 54 Rating, Add</i>	806.19	
<i>For Class 55 Rating, Add</i>	1,203.04	
<i>For Class 56 Rating, Add</i>	1,594.57	
40 05 19 00-1252 EA 14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,238.48	484.49
<i>For Class 52 Rating, Deduct</i>	-605.49	
<i>For Class 54 Rating, Add</i>	834.47	
<i>For Class 55 Rating, Add</i>	1,245.10	
<i>For Class 56 Rating, Add</i>	1,650.23	
40 05 19 00-1253 EA 14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,430.55	487.05
<i>For Class 52 Rating, Deduct</i>	-626.19	
<i>For Class 54 Rating, Add</i>	862.75	
<i>For Class 55 Rating, Add</i>	1,287.16	
<i>For Class 56 Rating, Add</i>	1,705.89	
40 05 19 00-1254 EA 14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,622.61	489.59
<i>For Class 52 Rating, Deduct</i>	-646.89	
<i>For Class 54 Rating, Add</i>	891.02	
<i>For Class 55 Rating, Add</i>	1,329.22	
<i>For Class 56 Rating, Add</i>	1,761.54	
40 05 19 00-1255 EA 14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,814.68	492.13
<i>For Class 52 Rating, Deduct</i>	-667.59	
<i>For Class 54 Rating, Add</i>	919.30	
<i>For Class 55 Rating, Add</i>	1,371.29	
<i>For Class 56 Rating, Add</i>	1,817.20	
40 05 19 00-1256 EA 14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,006.75	494.69
<i>For Class 52 Rating, Deduct</i>	-688.29	
<i>For Class 54 Rating, Add</i>	947.58	
<i>For Class 55 Rating, Add</i>	1,413.35	
<i>For Class 56 Rating, Add</i>	1,872.86	
40 05 19 00-1257 EA 14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,198.82	497.23
<i>For Class 52 Rating, Deduct</i>	-709.00	
<i>For Class 54 Rating, Add</i>	975.85	
<i>For Class 55 Rating, Add</i>	1,455.41	
<i>For Class 56 Rating, Add</i>	1,928.52	
40 05 19 00-1258 EA 14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,390.89	499.79
<i>For Class 52 Rating, Deduct</i>	-729.70	
<i>For Class 54 Rating, Add</i>	1,004.13	
<i>For Class 55 Rating, Add</i>	1,497.47	
<i>For Class 56 Rating, Add</i>	1,984.18	
40 05 19 00-1259 EA 14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,582.95	502.34
<i>For Class 52 Rating, Deduct</i>	-750.40	
<i>For Class 54 Rating, Add</i>	1,032.41	
<i>For Class 55 Rating, Add</i>	1,539.53	
<i>For Class 56 Rating, Add</i>	2,039.84	
40 05 19 00-1260 EA 14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,775.01	504.90
<i>For Class 52 Rating, Deduct</i>	-771.10	
<i>For Class 54 Rating, Add</i>	1,060.68	
<i>For Class 55 Rating, Add</i>	1,581.60	
<i>For Class 56 Rating, Add</i>	2,095.50	
40 05 19 00-1261 EA 14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,967.08	507.43
<i>For Class 52 Rating, Deduct</i>	-791.81	
<i>For Class 54 Rating, Add</i>	1,088.96	
<i>For Class 55 Rating, Add</i>	1,623.66	
<i>For Class 56 Rating, Add</i>	2,151.16	
40 05 19 00-1262 EA 14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,159.15	509.99
<i>For Class 52 Rating, Deduct</i>	-812.51	
<i>For Class 54 Rating, Add</i>	1,117.24	
<i>For Class 55 Rating, Add</i>	1,665.72	
<i>For Class 56 Rating, Add</i>	2,206.82	
40 05 19 00-1263 EA 14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,351.21	512.54
<i>For Class 52 Rating, Deduct</i>	-833.21	
<i>For Class 54 Rating, Add</i>	1,145.51	
<i>For Class 55 Rating, Add</i>	1,707.78	
<i>For Class 56 Rating, Add</i>	2,262.48	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1264	EA		14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,543.27	515.08
			<i>For Class 52 Rating, Deduct</i>	-853.91	
			<i>For Class 54 Rating, Add</i>	1,173.79	
			<i>For Class 55 Rating, Add</i>	1,749.84	
			<i>For Class 56 Rating, Add</i>	2,318.13	
40 05 19 00-1265	EA		14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,735.36	517.64
			<i>For Class 52 Rating, Deduct</i>	-874.62	
			<i>For Class 54 Rating, Add</i>	1,202.07	
			<i>For Class 55 Rating, Add</i>	1,791.91	
			<i>For Class 56 Rating, Add</i>	2,373.79	
40 05 19 00-1266	EA		14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,927.42	520.18
			<i>For Class 52 Rating, Deduct</i>	-895.32	
			<i>For Class 54 Rating, Add</i>	1,230.35	
			<i>For Class 55 Rating, Add</i>	1,833.97	
			<i>For Class 56 Rating, Add</i>	2,429.45	
40 05 19 00-1267	EA		14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,119.48	522.74
			<i>For Class 52 Rating, Deduct</i>	-916.02	
			<i>For Class 54 Rating, Add</i>	1,258.62	
			<i>For Class 55 Rating, Add</i>	1,876.03	
			<i>For Class 56 Rating, Add</i>	2,485.11	
40 05 19 00-1268			16" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1269	EA		16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,355.27	489.59
			<i>For Class 52 Rating, Deduct</i>	-177.48	
			<i>For Class 54 Rating, Add</i>	250.92	
			<i>For Class 55 Rating, Add</i>	377.61	
			<i>For Class 56 Rating, Add</i>	502.68	
40 05 19 00-1270	EA		16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,579.05	492.13
			<i>For Class 52 Rating, Deduct</i>	-201.67	
			<i>For Class 54 Rating, Add</i>	283.96	
			<i>For Class 55 Rating, Add</i>	426.74	
			<i>For Class 56 Rating, Add</i>	567.69	
40 05 19 00-1271	EA		16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,802.85	494.69
			<i>For Class 52 Rating, Deduct</i>	-225.87	
			<i>For Class 54 Rating, Add</i>	316.99	
			<i>For Class 55 Rating, Add</i>	475.88	
			<i>For Class 56 Rating, Add</i>	632.71	
40 05 19 00-1272	EA		16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,026.64	497.23
			<i>For Class 52 Rating, Deduct</i>	-250.06	
			<i>For Class 54 Rating, Add</i>	350.03	
			<i>For Class 55 Rating, Add</i>	525.01	
			<i>For Class 56 Rating, Add</i>	697.73	
40 05 19 00-1273	EA		16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,250.42	499.79
			<i>For Class 52 Rating, Deduct</i>	-274.25	
			<i>For Class 54 Rating, Add</i>	383.06	
			<i>For Class 55 Rating, Add</i>	574.15	
			<i>For Class 56 Rating, Add</i>	762.74	
40 05 19 00-1274	EA		16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,474.20	502.34
			<i>For Class 52 Rating, Deduct</i>	-298.44	
			<i>For Class 54 Rating, Add</i>	416.10	
			<i>For Class 55 Rating, Add</i>	623.28	
			<i>For Class 56 Rating, Add</i>	827.76	
40 05 19 00-1275	EA		16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,697.99	504.90
			<i>For Class 52 Rating, Deduct</i>	-322.63	
			<i>For Class 54 Rating, Add</i>	449.13	
			<i>For Class 55 Rating, Add</i>	672.42	
			<i>For Class 56 Rating, Add</i>	892.78	
40 05 19 00-1276	EA		16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,921.78	507.43
			<i>For Class 52 Rating, Deduct</i>	-346.82	
			<i>For Class 54 Rating, Add</i>	482.17	
			<i>For Class 55 Rating, Add</i>	721.56	
			<i>For Class 56 Rating, Add</i>	957.79	
40 05 19 00-1277	EA		16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,145.56	509.99
			<i>For Class 52 Rating, Deduct</i>	-371.01	
			<i>For Class 54 Rating, Add</i>	515.20	
			<i>For Class 55 Rating, Add</i>	770.69	
			<i>For Class 56 Rating, Add</i>	1,022.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1278 EA 16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,369.34	512.54
For Class 52 Rating, Deduct	-395.20	
For Class 54 Rating, Add	548.23	
For Class 55 Rating, Add	819.83	
For Class 56 Rating, Add	1,087.82	
40 05 19 00-1279 EA 16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,593.13	515.08
For Class 52 Rating, Deduct	-419.40	
For Class 54 Rating, Add	581.27	
For Class 55 Rating, Add	868.96	
For Class 56 Rating, Add	1,152.84	
40 05 19 00-1280 EA 16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	4,816.93	517.64
For Class 52 Rating, Deduct	-443.59	
For Class 54 Rating, Add	614.30	
For Class 55 Rating, Add	918.10	
For Class 56 Rating, Add	1,217.86	
40 05 19 00-1281 EA 16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,040.71	520.18
For Class 52 Rating, Deduct	-467.78	
For Class 54 Rating, Add	647.34	
For Class 55 Rating, Add	967.23	
For Class 56 Rating, Add	1,282.87	
40 05 19 00-1282 EA 16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,264.49	522.74
For Class 52 Rating, Deduct	-491.97	
For Class 54 Rating, Add	680.37	
For Class 55 Rating, Add	1,016.37	
For Class 56 Rating, Add	1,347.89	
40 05 19 00-1283 EA 16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,488.28	525.28
For Class 52 Rating, Deduct	-516.16	
For Class 54 Rating, Add	713.41	
For Class 55 Rating, Add	1,065.50	
For Class 56 Rating, Add	1,412.91	
40 05 19 00-1284 EA 16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,712.06	527.84
For Class 52 Rating, Deduct	-540.35	
For Class 54 Rating, Add	746.44	
For Class 55 Rating, Add	1,114.64	
For Class 56 Rating, Add	1,477.92	
40 05 19 00-1285 EA 16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,935.85	530.39
For Class 52 Rating, Deduct	-564.55	
For Class 54 Rating, Add	779.48	
For Class 55 Rating, Add	1,163.77	
For Class 56 Rating, Add	1,542.94	
40 05 19 00-1286 EA 16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,159.63	532.94
For Class 52 Rating, Deduct	-588.74	
For Class 54 Rating, Add	812.51	
For Class 55 Rating, Add	1,212.91	
For Class 56 Rating, Add	1,607.95	
40 05 19 00-1287 EA 16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	6,383.42	535.48
For Class 52 Rating, Deduct	-612.93	
For Class 54 Rating, Add	845.55	
For Class 55 Rating, Add	1,262.05	
For Class 56 Rating, Add	1,672.97	
40 05 19 00-1288 EA 16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	6,607.20	538.04
For Class 52 Rating, Deduct	-637.12	
For Class 54 Rating, Add	878.58	
For Class 55 Rating, Add	1,311.18	
For Class 56 Rating, Add	1,737.99	
40 05 19 00-1289 EA 16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	6,831.00	540.59
For Class 52 Rating, Deduct	-661.31	
For Class 54 Rating, Add	911.62	
For Class 55 Rating, Add	1,360.32	
For Class 56 Rating, Add	1,803.00	
40 05 19 00-1290 EA 16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	7,054.78	543.13
For Class 52 Rating, Deduct	-685.50	
For Class 54 Rating, Add	944.65	
For Class 55 Rating, Add	1,409.45	
For Class 56 Rating, Add	1,868.02	
40 05 19 00-1291 EA 16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	7,278.57	545.69
For Class 52 Rating, Deduct	-709.69	
For Class 54 Rating, Add	977.69	
For Class 55 Rating, Add	1,458.59	
For Class 56 Rating, Add	1,933.04	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05	19 00-1292	EA	16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,502.35	548.24
			<i>For Class 52 Rating, Deduct</i>	-733.89	
			<i>For Class 54 Rating, Add</i>	1,010.72	
			<i>For Class 55 Rating, Add</i>	1,507.72	
			<i>For Class 56 Rating, Add</i>	1,998.05	
40 05	19 00-1293	EA	16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,726.14	550.79
			<i>For Class 52 Rating, Deduct</i>	-758.08	
			<i>For Class 54 Rating, Add</i>	1,043.76	
			<i>For Class 55 Rating, Add</i>	1,556.86	
			<i>For Class 56 Rating, Add</i>	2,063.07	
40 05	19 00-1294	EA	16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,949.92	553.33
			<i>For Class 52 Rating, Deduct</i>	-782.27	
			<i>For Class 54 Rating, Add</i>	1,076.79	
			<i>For Class 55 Rating, Add</i>	1,605.99	
			<i>For Class 56 Rating, Add</i>	2,128.08	
40 05	19 00-1295	EA	16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,173.71	555.89
			<i>For Class 52 Rating, Deduct</i>	-806.46	
			<i>For Class 54 Rating, Add</i>	1,109.83	
			<i>For Class 55 Rating, Add</i>	1,655.13	
			<i>For Class 56 Rating, Add</i>	2,193.10	
40 05	19 00-1296	EA	16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,397.49	558.44
			<i>For Class 52 Rating, Deduct</i>	-830.65	
			<i>For Class 54 Rating, Add</i>	1,142.86	
			<i>For Class 55 Rating, Add</i>	1,704.26	
			<i>For Class 56 Rating, Add</i>	2,258.12	
40 05	19 00-1297	EA	16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,621.28	560.99
			<i>For Class 52 Rating, Deduct</i>	-854.84	
			<i>For Class 54 Rating, Add</i>	1,175.89	
			<i>For Class 55 Rating, Add</i>	1,753.40	
			<i>For Class 56 Rating, Add</i>	2,323.13	
40 05	19 00-1298	EA	16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,845.07	563.53
			<i>For Class 52 Rating, Deduct</i>	-879.03	
			<i>For Class 54 Rating, Add</i>	1,208.93	
			<i>For Class 55 Rating, Add</i>	1,802.53	
			<i>For Class 56 Rating, Add</i>	2,388.15	
40 05	19 00-1299	EA	16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,068.86	566.09
			<i>For Class 52 Rating, Deduct</i>	-903.23	
			<i>For Class 54 Rating, Add</i>	1,241.97	
			<i>For Class 55 Rating, Add</i>	1,851.67	
			<i>For Class 56 Rating, Add</i>	2,453.17	
40 05	19 00-1300	EA	16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,292.64	568.64
			<i>For Class 52 Rating, Deduct</i>	-927.42	
			<i>For Class 54 Rating, Add</i>	1,275.00	
			<i>For Class 55 Rating, Add</i>	1,900.81	
			<i>For Class 56 Rating, Add</i>	2,518.18	
40 05	19 00-1301	EA	16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,516.43	571.18
			<i>For Class 52 Rating, Deduct</i>	-951.61	
			<i>For Class 54 Rating, Add</i>	1,308.03	
			<i>For Class 55 Rating, Add</i>	1,949.94	
			<i>For Class 56 Rating, Add</i>	2,583.20	
40 05	19 00-1302	EA	16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,740.21	573.74
			<i>For Class 52 Rating, Deduct</i>	-975.80	
			<i>For Class 54 Rating, Add</i>	1,341.07	
			<i>For Class 55 Rating, Add</i>	1,999.08	
			<i>For Class 56 Rating, Add</i>	2,648.21	
40 05	19 00-1303	EA	16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,964.00	576.29
			<i>For Class 52 Rating, Deduct</i>	-999.99	
			<i>For Class 54 Rating, Add</i>	1,374.10	
			<i>For Class 55 Rating, Add</i>	2,048.21	
			<i>For Class 56 Rating, Add</i>	2,713.23	
40 05	19 00-1304	EA	16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,187.78	578.83
			<i>For Class 52 Rating, Deduct</i>	-1,024.18	
			<i>For Class 54 Rating, Add</i>	1,407.14	
			<i>For Class 55 Rating, Add</i>	2,097.35	
			<i>For Class 56 Rating, Add</i>	2,778.25	
40 05	19 00-1305	EA	16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,411.57	581.38
			<i>For Class 52 Rating, Deduct</i>	-1,048.37	
			<i>For Class 54 Rating, Add</i>	1,440.17	
			<i>For Class 55 Rating, Add</i>	2,146.48	
			<i>For Class 56 Rating, Add</i>	2,843.26	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1306 EA 16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,635.35	583.94
<i>For Class 52 Rating, Deduct</i>	-1,072.57	
<i>For Class 54 Rating, Add</i>	1,473.21	
<i>For Class 55 Rating, Add</i>	2,195.62	
<i>For Class 56 Rating, Add</i>	2,908.28	
40 05 19 00-1307 18" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
(40 05 19 00-1028)		
40 05 19 00-1308 EA 18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,728.67	551.81
<i>For Class 52 Rating, Deduct</i>	-208.19	
<i>For Class 54 Rating, Add</i>	293.92	
<i>For Class 55 Rating, Add</i>	442.12	
<i>For Class 56 Rating, Add</i>	588.42	
40 05 19 00-1309 EA 18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	2,986.29	554.36
<i>For Class 52 Rating, Deduct</i>	-236.10	
<i>For Class 54 Rating, Add</i>	332.03	
<i>For Class 55 Rating, Add</i>	498.80	
<i>For Class 56 Rating, Add</i>	663.41	
40 05 19 00-1310 EA 18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,243.92	556.90
<i>For Class 52 Rating, Deduct</i>	-264.01	
<i>For Class 54 Rating, Add</i>	370.14	
<i>For Class 55 Rating, Add</i>	555.48	
<i>For Class 56 Rating, Add</i>	738.41	
40 05 19 00-1311 EA 18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,501.54	559.46
<i>For Class 52 Rating, Deduct</i>	-291.93	
<i>For Class 54 Rating, Add</i>	408.25	
<i>For Class 55 Rating, Add</i>	612.16	
<i>For Class 56 Rating, Add</i>	813.41	
40 05 19 00-1312 EA 18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,759.16	562.01
<i>For Class 52 Rating, Deduct</i>	-319.84	
<i>For Class 54 Rating, Add</i>	446.36	
<i>For Class 55 Rating, Add</i>	668.84	
<i>For Class 56 Rating, Add</i>	888.41	
40 05 19 00-1313 EA 18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,016.78	564.55
<i>For Class 52 Rating, Deduct</i>	-347.75	
<i>For Class 54 Rating, Add</i>	484.47	
<i>For Class 55 Rating, Add</i>	725.52	
<i>For Class 56 Rating, Add</i>	963.40	
40 05 19 00-1314 EA 18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,274.40	567.11
<i>For Class 52 Rating, Deduct</i>	-375.67	
<i>For Class 54 Rating, Add</i>	522.58	
<i>For Class 55 Rating, Add</i>	782.20	
<i>For Class 56 Rating, Add</i>	1,038.40	
40 05 19 00-1315 EA 18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,532.02	569.65
<i>For Class 52 Rating, Deduct</i>	-403.58	
<i>For Class 54 Rating, Add</i>	560.69	
<i>For Class 55 Rating, Add</i>	838.88	
<i>For Class 56 Rating, Add</i>	1,113.40	
40 05 19 00-1316 EA 18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,789.64	572.21
<i>For Class 52 Rating, Deduct</i>	-431.49	
<i>For Class 54 Rating, Add</i>	598.80	
<i>For Class 55 Rating, Add</i>	895.56	
<i>For Class 56 Rating, Add</i>	1,188.40	
40 05 19 00-1317 EA 18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,047.25	574.75
<i>For Class 52 Rating, Deduct</i>	-459.41	
<i>For Class 54 Rating, Add</i>	636.91	
<i>For Class 55 Rating, Add</i>	952.24	
<i>For Class 56 Rating, Add</i>	1,263.39	
40 05 19 00-1318 EA 18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,304.88	577.31
<i>For Class 52 Rating, Deduct</i>	-487.32	
<i>For Class 54 Rating, Add</i>	675.02	
<i>For Class 55 Rating, Add</i>	1,008.92	
<i>For Class 56 Rating, Add</i>	1,338.39	
40 05 19 00-1319 EA 18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,562.50	579.86
<i>For Class 52 Rating, Deduct</i>	-515.23	
<i>For Class 54 Rating, Add</i>	713.13	
<i>For Class 55 Rating, Add</i>	1,065.60	
<i>For Class 56 Rating, Add</i>	1,413.39	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1320	EA		18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,820.12	582.41
			<i>For Class 52 Rating, Deduct</i>	-543.14	
			<i>For Class 54 Rating, Add</i>	751.24	
			<i>For Class 55 Rating, Add</i>	1,122.28	
			<i>For Class 56 Rating, Add</i>	1,488.38	
40 05 19 00-1321	EA		18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,077.74	584.95
			<i>For Class 52 Rating, Deduct</i>	-571.06	
			<i>For Class 54 Rating, Add</i>	789.35	
			<i>For Class 55 Rating, Add</i>	1,178.96	
			<i>For Class 56 Rating, Add</i>	1,563.38	
40 05 19 00-1322	EA		18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,335.37	587.51
			<i>For Class 52 Rating, Deduct</i>	-598.97	
			<i>For Class 54 Rating, Add</i>	827.46	
			<i>For Class 55 Rating, Add</i>	1,235.64	
			<i>For Class 56 Rating, Add</i>	1,638.38	
40 05 19 00-1323	EA		18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,592.98	590.06
			<i>For Class 52 Rating, Deduct</i>	-626.88	
			<i>For Class 54 Rating, Add</i>	865.57	
			<i>For Class 55 Rating, Add</i>	1,292.32	
			<i>For Class 56 Rating, Add</i>	1,713.38	
40 05 19 00-1324	EA		18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,850.60	592.60
			<i>For Class 52 Rating, Deduct</i>	-654.80	
			<i>For Class 54 Rating, Add</i>	903.68	
			<i>For Class 55 Rating, Add</i>	1,349.00	
			<i>For Class 56 Rating, Add</i>	1,788.37	
40 05 19 00-1325	EA		18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,108.22	595.16
			<i>For Class 52 Rating, Deduct</i>	-682.71	
			<i>For Class 54 Rating, Add</i>	941.79	
			<i>For Class 55 Rating, Add</i>	1,405.68	
			<i>For Class 56 Rating, Add</i>	1,863.37	
40 05 19 00-1326	EA		18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,365.85	597.70
			<i>For Class 52 Rating, Deduct</i>	-710.63	
			<i>For Class 54 Rating, Add</i>	979.90	
			<i>For Class 55 Rating, Add</i>	1,462.37	
			<i>For Class 56 Rating, Add</i>	1,938.37	
40 05 19 00-1327	EA		18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,623.46	600.25
			<i>For Class 52 Rating, Deduct</i>	-738.54	
			<i>For Class 54 Rating, Add</i>	1,018.01	
			<i>For Class 55 Rating, Add</i>	1,519.05	
			<i>For Class 56 Rating, Add</i>	2,013.37	
40 05 19 00-1328	EA		18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,881.08	602.80
			<i>For Class 52 Rating, Deduct</i>	-766.45	
			<i>For Class 54 Rating, Add</i>	1,056.12	
			<i>For Class 55 Rating, Add</i>	1,575.73	
			<i>For Class 56 Rating, Add</i>	2,088.36	
40 05 19 00-1329	EA		18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,138.71	605.36
			<i>For Class 52 Rating, Deduct</i>	-794.37	
			<i>For Class 54 Rating, Add</i>	1,094.23	
			<i>For Class 55 Rating, Add</i>	1,632.41	
			<i>For Class 56 Rating, Add</i>	2,163.36	
40 05 19 00-1330	EA		18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,396.33	607.91
			<i>For Class 52 Rating, Deduct</i>	-822.28	
			<i>For Class 54 Rating, Add</i>	1,132.34	
			<i>For Class 55 Rating, Add</i>	1,689.09	
			<i>For Class 56 Rating, Add</i>	2,238.36	
40 05 19 00-1331	EA		18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,653.95	610.46
			<i>For Class 52 Rating, Deduct</i>	-850.19	
			<i>For Class 54 Rating, Add</i>	1,170.45	
			<i>For Class 55 Rating, Add</i>	1,745.77	
			<i>For Class 56 Rating, Add</i>	2,313.36	
40 05 19 00-1332	EA		18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,911.57	613.00
			<i>For Class 52 Rating, Deduct</i>	-878.10	
			<i>For Class 54 Rating, Add</i>	1,208.56	
			<i>For Class 55 Rating, Add</i>	1,802.45	
			<i>For Class 56 Rating, Add</i>	2,388.35	
40 05 19 00-1333	EA		18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,169.18	615.56
			<i>For Class 52 Rating, Deduct</i>	-906.02	
			<i>For Class 54 Rating, Add</i>	1,246.67	
			<i>For Class 55 Rating, Add</i>	1,859.13	
			<i>For Class 56 Rating, Add</i>	2,463.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1334 EA 18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,426.81	618.11
<i>For Class 52 Rating, Deduct</i>	-933.93	
<i>For Class 54 Rating, Add</i>	1,284.78	
<i>For Class 55 Rating, Add</i>	1,915.81	
<i>For Class 56 Rating, Add</i>	2,538.35	
40 05 19 00-1335 EA 18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,684.43	620.65
<i>For Class 52 Rating, Deduct</i>	-961.84	
<i>For Class 54 Rating, Add</i>	1,322.89	
<i>For Class 55 Rating, Add</i>	1,972.49	
<i>For Class 56 Rating, Add</i>	2,613.35	
40 05 19 00-1336 EA 18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,942.04	623.21
<i>For Class 52 Rating, Deduct</i>	-989.76	
<i>For Class 54 Rating, Add</i>	1,361.00	
<i>For Class 55 Rating, Add</i>	2,029.17	
<i>For Class 56 Rating, Add</i>	2,688.34	
40 05 19 00-1337 EA 18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,199.66	625.75
<i>For Class 52 Rating, Deduct</i>	-1,017.67	
<i>For Class 54 Rating, Add</i>	1,399.11	
<i>For Class 55 Rating, Add</i>	2,085.85	
<i>For Class 56 Rating, Add</i>	2,763.34	
40 05 19 00-1338 EA 18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,457.30	628.30
<i>For Class 52 Rating, Deduct</i>	-1,045.58	
<i>For Class 54 Rating, Add</i>	1,437.22	
<i>For Class 55 Rating, Add</i>	2,142.53	
<i>For Class 56 Rating, Add</i>	2,838.34	
40 05 19 00-1339 EA 18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,714.91	630.85
<i>For Class 52 Rating, Deduct</i>	-1,073.50	
<i>For Class 54 Rating, Add</i>	1,475.33	
<i>For Class 55 Rating, Add</i>	2,199.21	
<i>For Class 56 Rating, Add</i>	2,913.33	
40 05 19 00-1340 EA 18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,972.53	633.41
<i>For Class 52 Rating, Deduct</i>	-1,101.41	
<i>For Class 54 Rating, Add</i>	1,513.44	
<i>For Class 55 Rating, Add</i>	2,255.89	
<i>For Class 56 Rating, Add</i>	2,988.33	
40 05 19 00-1341 EA 18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,230.15	635.96
<i>For Class 52 Rating, Deduct</i>	-1,129.32	
<i>For Class 54 Rating, Add</i>	1,551.55	
<i>For Class 55 Rating, Add</i>	2,312.57	
<i>For Class 56 Rating, Add</i>	3,063.33	
40 05 19 00-1342 EA 18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,487.76	638.51
<i>For Class 52 Rating, Deduct</i>	-1,157.24	
<i>For Class 54 Rating, Add</i>	1,589.66	
<i>For Class 55 Rating, Add</i>	2,369.25	
<i>For Class 56 Rating, Add</i>	3,138.32	
40 05 19 00-1343 EA 18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,745.39	641.05
<i>For Class 52 Rating, Deduct</i>	-1,185.15	
<i>For Class 54 Rating, Add</i>	1,627.77	
<i>For Class 55 Rating, Add</i>	2,425.93	
<i>For Class 56 Rating, Add</i>	3,213.32	
40 05 19 00-1344 EA 18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,003.01	643.61
<i>For Class 52 Rating, Deduct</i>	-1,213.06	
<i>For Class 54 Rating, Add</i>	1,665.88	
<i>For Class 55 Rating, Add</i>	2,482.61	
<i>For Class 56 Rating, Add</i>	3,288.32	
40 05 19 00-1345 EA 18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,260.62	646.15
<i>For Class 52 Rating, Deduct</i>	-1,240.98	
<i>For Class 54 Rating, Add</i>	1,703.99	
<i>For Class 55 Rating, Add</i>	2,539.29	
<i>For Class 56 Rating, Add</i>	3,363.32	
40 05 19 00-1346 20" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-1028)</small>		
40 05 19 00-1347 EA 20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,183.12	629.84
<i>For Class 52 Rating, Deduct</i>	-245.17	
<i>For Class 54 Rating, Add</i>	345.78	
<i>For Class 55 Rating, Add</i>	519.93	
<i>For Class 56 Rating, Add</i>	691.86	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1348	EA		20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,478.80	632.39
			<i>For Class 52 Rating, Deduct</i>	-277.27	
			<i>For Class 54 Rating, Add</i>	389.60	
			<i>For Class 55 Rating, Add</i>	585.10	
			<i>For Class 56 Rating, Add</i>	778.09	
40 05 19 00-1349	EA		20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,774.50	634.93
			<i>For Class 52 Rating, Deduct</i>	-309.37	
			<i>For Class 54 Rating, Add</i>	433.41	
			<i>For Class 55 Rating, Add</i>	650.27	
			<i>For Class 56 Rating, Add</i>	864.31	
40 05 19 00-1350	EA		20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,070.18	637.48
			<i>For Class 52 Rating, Deduct</i>	-341.47	
			<i>For Class 54 Rating, Add</i>	477.23	
			<i>For Class 55 Rating, Add</i>	715.44	
			<i>For Class 56 Rating, Add</i>	950.54	
40 05 19 00-1351	EA		20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,365.86	640.04
			<i>For Class 52 Rating, Deduct</i>	-373.57	
			<i>For Class 54 Rating, Add</i>	521.05	
			<i>For Class 55 Rating, Add</i>	780.61	
			<i>For Class 56 Rating, Add</i>	1,036.76	
40 05 19 00-1352	EA		20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,661.54	642.58
			<i>For Class 52 Rating, Deduct</i>	-405.67	
			<i>For Class 54 Rating, Add</i>	564.87	
			<i>For Class 55 Rating, Add</i>	845.78	
			<i>For Class 56 Rating, Add</i>	1,122.99	
40 05 19 00-1353	EA		20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,957.23	645.14
			<i>For Class 52 Rating, Deduct</i>	-437.77	
			<i>For Class 54 Rating, Add</i>	608.69	
			<i>For Class 55 Rating, Add</i>	910.94	
			<i>For Class 56 Rating, Add</i>	1,209.22	
40 05 19 00-1354	EA		20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,252.91	647.69
			<i>For Class 52 Rating, Deduct</i>	-469.87	
			<i>For Class 54 Rating, Add</i>	652.51	
			<i>For Class 55 Rating, Add</i>	976.11	
			<i>For Class 56 Rating, Add</i>	1,295.44	
40 05 19 00-1355	EA		20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,548.59	650.24
			<i>For Class 52 Rating, Deduct</i>	-501.97	
			<i>For Class 54 Rating, Add</i>	696.33	
			<i>For Class 55 Rating, Add</i>	1,041.28	
			<i>For Class 56 Rating, Add</i>	1,381.67	
40 05 19 00-1356	EA		20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,844.27	652.78
			<i>For Class 52 Rating, Deduct</i>	-534.07	
			<i>For Class 54 Rating, Add</i>	740.15	
			<i>For Class 55 Rating, Add</i>	1,106.45	
			<i>For Class 56 Rating, Add</i>	1,467.89	
40 05 19 00-1357	EA		20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,139.96	655.33
			<i>For Class 52 Rating, Deduct</i>	-566.17	
			<i>For Class 54 Rating, Add</i>	783.97	
			<i>For Class 55 Rating, Add</i>	1,171.62	
			<i>For Class 56 Rating, Add</i>	1,554.12	
40 05 19 00-1358	EA		20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,435.65	657.89
			<i>For Class 52 Rating, Deduct</i>	-598.27	
			<i>For Class 54 Rating, Add</i>	827.79	
			<i>For Class 55 Rating, Add</i>	1,236.79	
			<i>For Class 56 Rating, Add</i>	1,640.35	
40 05 19 00-1359	EA		20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,731.33	660.43
			<i>For Class 52 Rating, Deduct</i>	-630.37	
			<i>For Class 54 Rating, Add</i>	871.61	
			<i>For Class 55 Rating, Add</i>	1,301.96	
			<i>For Class 56 Rating, Add</i>	1,726.57	
40 05 19 00-1360	EA		20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,027.01	662.98
			<i>For Class 52 Rating, Deduct</i>	-662.47	
			<i>For Class 54 Rating, Add</i>	915.43	
			<i>For Class 55 Rating, Add</i>	1,367.12	
			<i>For Class 56 Rating, Add</i>	1,812.80	
40 05 19 00-1361	EA		20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,322.71	665.53
			<i>For Class 52 Rating, Deduct</i>	-694.58	
			<i>For Class 54 Rating, Add</i>	959.25	
			<i>For Class 55 Rating, Add</i>	1,432.29	
			<i>For Class 56 Rating, Add</i>	1,899.03	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1362 EA 20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,618.39	668.09
For Class 52 Rating, Deduct	-726.68	
For Class 54 Rating, Add	1,003.07	
For Class 55 Rating, Add	1,497.46	
For Class 56 Rating, Add	1,985.25	
40 05 19 00-1363 EA 20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,914.07	670.63
For Class 52 Rating, Deduct	-758.78	
For Class 54 Rating, Add	1,046.89	
For Class 55 Rating, Add	1,562.63	
For Class 56 Rating, Add	2,071.48	
40 05 19 00-1364 EA 20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,209.75	673.19
For Class 52 Rating, Deduct	-790.88	
For Class 54 Rating, Add	1,090.71	
For Class 55 Rating, Add	1,627.80	
For Class 56 Rating, Add	2,157.70	
40 05 19 00-1365 EA 20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,505.44	675.74
For Class 52 Rating, Deduct	-822.98	
For Class 54 Rating, Add	1,134.53	
For Class 55 Rating, Add	1,692.97	
For Class 56 Rating, Add	2,243.93	
40 05 19 00-1366 EA 20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,801.12	678.29
For Class 52 Rating, Deduct	-855.08	
For Class 54 Rating, Add	1,178.35	
For Class 55 Rating, Add	1,758.14	
For Class 56 Rating, Add	2,330.16	
40 05 19 00-1367 EA 20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,096.81	680.83
For Class 52 Rating, Deduct	-887.18	
For Class 54 Rating, Add	1,222.16	
For Class 55 Rating, Add	1,823.31	
For Class 56 Rating, Add	2,416.38	
40 05 19 00-1368 EA 20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,392.49	683.38
For Class 52 Rating, Deduct	-919.28	
For Class 54 Rating, Add	1,265.98	
For Class 55 Rating, Add	1,888.47	
For Class 56 Rating, Add	2,502.61	
40 05 19 00-1369 EA 20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,688.18	685.94
For Class 52 Rating, Deduct	-951.38	
For Class 54 Rating, Add	1,309.80	
For Class 55 Rating, Add	1,953.64	
For Class 56 Rating, Add	2,588.83	
40 05 19 00-1370 EA 20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,983.86	688.48
For Class 52 Rating, Deduct	-983.48	
For Class 54 Rating, Add	1,353.62	
For Class 55 Rating, Add	2,018.81	
For Class 56 Rating, Add	2,675.06	
40 05 19 00-1371 EA 20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,279.54	691.03
For Class 52 Rating, Deduct	-1,015.58	
For Class 54 Rating, Add	1,397.44	
For Class 55 Rating, Add	2,083.98	
For Class 56 Rating, Add	2,761.29	
40 05 19 00-1372 EA 20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,575.22	693.58
For Class 52 Rating, Deduct	-1,047.68	
For Class 54 Rating, Add	1,441.26	
For Class 55 Rating, Add	2,149.15	
For Class 56 Rating, Add	2,847.51	
40 05 19 00-1373 EA 20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,870.91	696.14
For Class 52 Rating, Deduct	-1,079.78	
For Class 54 Rating, Add	1,485.08	
For Class 55 Rating, Add	2,214.32	
For Class 56 Rating, Add	2,933.74	
40 05 19 00-1374 EA 20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,166.59	698.68
For Class 52 Rating, Deduct	-1,111.88	
For Class 54 Rating, Add	1,528.90	
For Class 55 Rating, Add	2,279.49	
For Class 56 Rating, Add	3,019.96	
40 05 19 00-1375 EA 20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,462.27	701.24
For Class 52 Rating, Deduct	-1,143.98	
For Class 54 Rating, Add	1,572.72	
For Class 55 Rating, Add	2,344.65	
For Class 56 Rating, Add	3,106.19	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1376	EA		20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,757.96	703.79
			<i>For Class 52 Rating, Deduct</i>	-1,176.08	
			<i>For Class 54 Rating, Add</i>	1,616.54	
			<i>For Class 55 Rating, Add</i>	2,409.82	
			<i>For Class 56 Rating, Add</i>	3,192.42	
40 05 19 00-1377	EA		20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,053.65	706.32
			<i>For Class 52 Rating, Deduct</i>	-1,208.18	
			<i>For Class 54 Rating, Add</i>	1,660.36	
			<i>For Class 55 Rating, Add</i>	2,474.99	
			<i>For Class 56 Rating, Add</i>	3,278.64	
40 05 19 00-1378	EA		20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,349.33	708.88
			<i>For Class 52 Rating, Deduct</i>	-1,240.28	
			<i>For Class 54 Rating, Add</i>	1,704.18	
			<i>For Class 55 Rating, Add</i>	2,540.16	
			<i>For Class 56 Rating, Add</i>	3,364.87	
40 05 19 00-1379	EA		20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,645.01	711.43
			<i>For Class 52 Rating, Deduct</i>	-1,272.38	
			<i>For Class 54 Rating, Add</i>	1,748.00	
			<i>For Class 55 Rating, Add</i>	2,605.33	
			<i>For Class 56 Rating, Add</i>	3,451.09	
40 05 19 00-1380	EA		20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,940.69	713.99
			<i>For Class 52 Rating, Deduct</i>	-1,304.48	
			<i>For Class 54 Rating, Add</i>	1,791.82	
			<i>For Class 55 Rating, Add</i>	2,670.50	
			<i>For Class 56 Rating, Add</i>	3,537.32	
40 05 19 00-1381	EA		20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,236.38	716.53
			<i>For Class 52 Rating, Deduct</i>	-1,336.58	
			<i>For Class 54 Rating, Add</i>	1,835.64	
			<i>For Class 55 Rating, Add</i>	2,735.67	
			<i>For Class 56 Rating, Add</i>	3,623.55	
40 05 19 00-1382	EA		20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,532.06	719.09
			<i>For Class 52 Rating, Deduct</i>	-1,368.68	
			<i>For Class 54 Rating, Add</i>	1,879.46	
			<i>For Class 55 Rating, Add</i>	2,800.83	
			<i>For Class 56 Rating, Add</i>	3,709.77	
40 05 19 00-1383	EA		20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,827.74	721.63
			<i>For Class 52 Rating, Deduct</i>	-1,400.78	
			<i>For Class 54 Rating, Add</i>	1,923.27	
			<i>For Class 55 Rating, Add</i>	2,866.00	
			<i>For Class 56 Rating, Add</i>	3,796.00	
40 05 19 00-1384	EA		20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,123.42	724.18
			<i>For Class 52 Rating, Deduct</i>	-1,432.88	
			<i>For Class 54 Rating, Add</i>	1,967.09	
			<i>For Class 55 Rating, Add</i>	2,931.17	
			<i>For Class 56 Rating, Add</i>	3,882.22	
40 05 19 00-1385			24" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1386	EA		24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	3,911.02	744.58
			<i>For Class 52 Rating, Deduct</i>	-306.12	
			<i>For Class 54 Rating, Add</i>	430.97	
			<i>For Class 55 Rating, Add</i>	647.66	
			<i>For Class 56 Rating, Add</i>	861.56	
40 05 19 00-1387	EA		24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,276.48	747.14
			<i>For Class 52 Rating, Deduct</i>	-345.89	
			<i>For Class 54 Rating, Add</i>	485.25	
			<i>For Class 55 Rating, Add</i>	728.39	
			<i>For Class 56 Rating, Add</i>	968.37	
40 05 19 00-1388	EA		24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	4,641.96	749.68
			<i>For Class 52 Rating, Deduct</i>	-385.67	
			<i>For Class 54 Rating, Add</i>	539.54	
			<i>For Class 55 Rating, Add</i>	809.11	
			<i>For Class 56 Rating, Add</i>	1,075.18	
40 05 19 00-1389	EA		24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,007.43	752.23
			<i>For Class 52 Rating, Deduct</i>	-425.44	
			<i>For Class 54 Rating, Add</i>	593.83	
			<i>For Class 55 Rating, Add</i>	889.85	
			<i>For Class 56 Rating, Add</i>	1,182.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1390 EA 24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,372.89	754.78
<i>For Class 52 Rating, Deduct</i>	-465.22	
<i>For Class 54 Rating, Add</i>	648.12	
<i>For Class 55 Rating, Add</i>	970.58	
<i>For Class 56 Rating, Add</i>	1,288.81	
40 05 19 00-1391 EA 24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	5,738.35	757.34
<i>For Class 52 Rating, Deduct</i>	-505.00	
<i>For Class 54 Rating, Add</i>	702.40	
<i>For Class 55 Rating, Add</i>	1,051.31	
<i>For Class 56 Rating, Add</i>	1,395.62	
40 05 19 00-1392 EA 24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,103.83	759.89
<i>For Class 52 Rating, Deduct</i>	-544.77	
<i>For Class 54 Rating, Add</i>	756.69	
<i>For Class 55 Rating, Add</i>	1,132.04	
<i>For Class 56 Rating, Add</i>	1,502.43	
40 05 19 00-1393 EA 24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,469.29	762.42
<i>For Class 52 Rating, Deduct</i>	-584.55	
<i>For Class 54 Rating, Add</i>	810.98	
<i>For Class 55 Rating, Add</i>	1,212.77	
<i>For Class 56 Rating, Add</i>	1,609.24	
40 05 19 00-1394 EA 24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	6,834.75	764.98
<i>For Class 52 Rating, Deduct</i>	-624.33	
<i>For Class 54 Rating, Add</i>	865.26	
<i>For Class 55 Rating, Add</i>	1,293.50	
<i>For Class 56 Rating, Add</i>	1,716.05	
40 05 19 00-1395 EA 24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,200.22	767.53
<i>For Class 52 Rating, Deduct</i>	-664.10	
<i>For Class 54 Rating, Add</i>	919.55	
<i>For Class 55 Rating, Add</i>	1,374.23	
<i>For Class 56 Rating, Add</i>	1,822.87	
40 05 19 00-1396 EA 24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,565.69	770.08
<i>For Class 52 Rating, Deduct</i>	-703.88	
<i>For Class 54 Rating, Add</i>	973.84	
<i>For Class 55 Rating, Add</i>	1,454.96	
<i>For Class 56 Rating, Add</i>	1,929.68	
40 05 19 00-1397 EA 24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	7,931.16	772.63
<i>For Class 52 Rating, Deduct</i>	-743.66	
<i>For Class 54 Rating, Add</i>	1,028.12	
<i>For Class 55 Rating, Add</i>	1,535.69	
<i>For Class 56 Rating, Add</i>	2,036.49	
40 05 19 00-1398 EA 24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,296.63	775.19
<i>For Class 52 Rating, Deduct</i>	-783.43	
<i>For Class 54 Rating, Add</i>	1,082.41	
<i>For Class 55 Rating, Add</i>	1,616.42	
<i>For Class 56 Rating, Add</i>	2,143.31	
40 05 19 00-1399 EA 24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	8,662.09	777.73
<i>For Class 52 Rating, Deduct</i>	-823.21	
<i>For Class 54 Rating, Add</i>	1,136.70	
<i>For Class 55 Rating, Add</i>	1,697.15	
<i>For Class 56 Rating, Add</i>	2,250.12	
40 05 19 00-1400 EA 24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,027.56	780.28
<i>For Class 52 Rating, Deduct</i>	-862.98	
<i>For Class 54 Rating, Add</i>	1,190.98	
<i>For Class 55 Rating, Add</i>	1,777.88	
<i>For Class 56 Rating, Add</i>	2,356.93	
40 05 19 00-1401 EA 24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,393.03	782.83
<i>For Class 52 Rating, Deduct</i>	-902.76	
<i>For Class 54 Rating, Add</i>	1,245.27	
<i>For Class 55 Rating, Add</i>	1,858.61	
<i>For Class 56 Rating, Add</i>	2,463.74	
40 05 19 00-1402 EA 24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	9,758.49	785.39
<i>For Class 52 Rating, Deduct</i>	-942.54	
<i>For Class 54 Rating, Add</i>	1,299.56	
<i>For Class 55 Rating, Add</i>	1,939.34	
<i>For Class 56 Rating, Add</i>	2,570.55	
40 05 19 00-1403 EA 24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,123.95	787.93
<i>For Class 52 Rating, Deduct</i>	-982.31	
<i>For Class 54 Rating, Add</i>	1,353.84	
<i>For Class 55 Rating, Add</i>	2,020.07	
<i>For Class 56 Rating, Add</i>	2,677.36	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1404	EA		24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,489.43	790.48
			<i>For Class 52 Rating, Deduct</i>	-1,022.09	
			<i>For Class 54 Rating, Add</i>	1,408.13	
			<i>For Class 55 Rating, Add</i>	2,100.80	
			<i>For Class 56 Rating, Add</i>	2,784.18	
40 05 19 00-1405	EA		24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,854.89	793.03
			<i>For Class 52 Rating, Deduct</i>	-1,061.87	
			<i>For Class 54 Rating, Add</i>	1,462.42	
			<i>For Class 55 Rating, Add</i>	2,181.53	
			<i>For Class 56 Rating, Add</i>	2,890.99	
40 05 19 00-1406	EA		24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,220.37	795.58
			<i>For Class 52 Rating, Deduct</i>	-1,101.64	
			<i>For Class 54 Rating, Add</i>	1,516.71	
			<i>For Class 55 Rating, Add</i>	2,262.26	
			<i>For Class 56 Rating, Add</i>	2,997.80	
40 05 19 00-1407	EA		24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,585.83	798.13
			<i>For Class 52 Rating, Deduct</i>	-1,141.42	
			<i>For Class 54 Rating, Add</i>	1,570.99	
			<i>For Class 55 Rating, Add</i>	2,342.99	
			<i>For Class 56 Rating, Add</i>	3,104.61	
40 05 19 00-1408	EA		24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,951.30	800.68
			<i>For Class 52 Rating, Deduct</i>	-1,181.20	
			<i>For Class 54 Rating, Add</i>	1,625.28	
			<i>For Class 55 Rating, Add</i>	2,423.72	
			<i>For Class 56 Rating, Add</i>	3,211.43	
40 05 19 00-1409	EA		24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,316.77	803.24
			<i>For Class 52 Rating, Deduct</i>	-1,220.97	
			<i>For Class 54 Rating, Add</i>	1,679.57	
			<i>For Class 55 Rating, Add</i>	2,504.45	
			<i>For Class 56 Rating, Add</i>	3,318.24	
40 05 19 00-1410	EA		24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,682.23	805.78
			<i>For Class 52 Rating, Deduct</i>	-1,260.75	
			<i>For Class 54 Rating, Add</i>	1,733.85	
			<i>For Class 55 Rating, Add</i>	2,585.18	
			<i>For Class 56 Rating, Add</i>	3,425.05	
40 05 19 00-1411	EA		24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,047.69	808.33
			<i>For Class 52 Rating, Deduct</i>	-1,300.52	
			<i>For Class 54 Rating, Add</i>	1,788.14	
			<i>For Class 55 Rating, Add</i>	2,665.91	
			<i>For Class 56 Rating, Add</i>	3,531.86	
40 05 19 00-1412	EA		24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,413.17	810.88
			<i>For Class 52 Rating, Deduct</i>	-1,340.30	
			<i>For Class 54 Rating, Add</i>	1,842.43	
			<i>For Class 55 Rating, Add</i>	2,746.64	
			<i>For Class 56 Rating, Add</i>	3,638.68	
40 05 19 00-1413	EA		24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,778.63	813.44
			<i>For Class 52 Rating, Deduct</i>	-1,380.08	
			<i>For Class 54 Rating, Add</i>	1,896.71	
			<i>For Class 55 Rating, Add</i>	2,827.37	
			<i>For Class 56 Rating, Add</i>	3,745.49	
40 05 19 00-1414	EA		24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,144.09	815.98
			<i>For Class 52 Rating, Deduct</i>	-1,419.85	
			<i>For Class 54 Rating, Add</i>	1,951.00	
			<i>For Class 55 Rating, Add</i>	2,908.10	
			<i>For Class 56 Rating, Add</i>	3,852.30	
40 05 19 00-1415	EA		24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,575.24	861.87
			<i>For Class 52 Rating, Deduct</i>	-1,459.63	
			<i>For Class 54 Rating, Add</i>	2,006.08	
			<i>For Class 55 Rating, Add</i>	2,990.41	
			<i>For Class 56 Rating, Add</i>	3,961.48	
40 05 19 00-1416	EA		24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,940.72	864.43
			<i>For Class 52 Rating, Deduct</i>	-1,499.41	
			<i>For Class 54 Rating, Add</i>	2,060.36	
			<i>For Class 55 Rating, Add</i>	3,071.14	
			<i>For Class 56 Rating, Add</i>	4,068.29	
40 05 19 00-1417	EA		24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,306.18	866.98
			<i>For Class 52 Rating, Deduct</i>	-1,539.18	
			<i>For Class 54 Rating, Add</i>	2,114.65	
			<i>For Class 55 Rating, Add</i>	3,151.87	
			<i>For Class 56 Rating, Add</i>	4,175.10	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1418 EA 24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,671.65	869.54
<i>For Class 52 Rating, Deduct</i>	-1,578.96	
<i>For Class 54 Rating, Add</i>	2,168.94	
<i>For Class 55 Rating, Add</i>	3,232.60	
<i>For Class 56 Rating, Add</i>	4,281.91	
40 05 19 00-1419 EA 24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,037.11	872.08
<i>For Class 52 Rating, Deduct</i>	-1,618.74	
<i>For Class 54 Rating, Add</i>	2,223.22	
<i>For Class 55 Rating, Add</i>	3,313.33	
<i>For Class 56 Rating, Add</i>	4,388.72	
40 05 19 00-1420 EA 24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,402.58	874.63
<i>For Class 52 Rating, Deduct</i>	-1,658.51	
<i>For Class 54 Rating, Add</i>	2,277.51	
<i>For Class 55 Rating, Add</i>	3,394.06	
<i>For Class 56 Rating, Add</i>	4,495.53	
40 05 19 00-1421 EA 24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,768.05	877.18
<i>For Class 52 Rating, Deduct</i>	-1,698.29	
<i>For Class 54 Rating, Add</i>	2,331.80	
<i>For Class 55 Rating, Add</i>	3,474.79	
<i>For Class 56 Rating, Add</i>	4,602.35	
40 05 19 00-1422 EA 24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,133.51	879.72
<i>For Class 52 Rating, Deduct</i>	-1,738.06	
<i>For Class 54 Rating, Add</i>	2,386.08	
<i>For Class 55 Rating, Add</i>	3,555.52	
<i>For Class 56 Rating, Add</i>	4,709.16	
40 05 19 00-1423 EA 24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,498.97	882.28
<i>For Class 52 Rating, Deduct</i>	-1,777.84	
<i>For Class 54 Rating, Add</i>	2,440.37	
<i>For Class 55 Rating, Add</i>	3,636.25	
<i>For Class 56 Rating, Add</i>	4,815.97	
40 05 19 00-1424 30" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1425 EA 30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	5,990.23	1,050.58
<i>For Class 52 Rating, Deduct</i>	-483.83	
<i>For Class 54 Rating, Add</i>	678.87	
<i>For Class 55 Rating, Add</i>	1,019.06	
<i>For Class 56 Rating, Add</i>	1,354.85	
40 05 19 00-1426 EA 30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	6,516.42	1,053.12
<i>For Class 52 Rating, Deduct</i>	-541.28	
<i>For Class 54 Rating, Add</i>	757.26	
<i>For Class 55 Rating, Add</i>	1,135.63	
<i>For Class 56 Rating, Add</i>	1,509.07	
40 05 19 00-1427 EA 30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,042.59	1,055.68
<i>For Class 52 Rating, Deduct</i>	-598.74	
<i>For Class 54 Rating, Add</i>	835.66	
<i>For Class 55 Rating, Add</i>	1,252.20	
<i>For Class 56 Rating, Add</i>	1,663.29	
40 05 19 00-1428 EA 30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	7,568.77	1,058.23
<i>For Class 52 Rating, Deduct</i>	-656.19	
<i>For Class 54 Rating, Add</i>	914.05	
<i>For Class 55 Rating, Add</i>	1,368.77	
<i>For Class 56 Rating, Add</i>	1,817.51	
40 05 19 00-1429 EA 30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,094.95	1,060.79
<i>For Class 52 Rating, Deduct</i>	-713.65	
<i>For Class 54 Rating, Add</i>	992.44	
<i>For Class 55 Rating, Add</i>	1,485.34	
<i>For Class 56 Rating, Add</i>	1,971.74	
40 05 19 00-1430 EA 30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,621.13	1,063.32
<i>For Class 52 Rating, Deduct</i>	-771.10	
<i>For Class 54 Rating, Add</i>	1,070.84	
<i>For Class 55 Rating, Add</i>	1,601.90	
<i>For Class 56 Rating, Add</i>	2,125.96	
40 05 19 00-1431 EA 30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,147.31	1,065.87
<i>For Class 52 Rating, Deduct</i>	-828.56	
<i>For Class 54 Rating, Add</i>	1,149.23	
<i>For Class 55 Rating, Add</i>	1,718.47	
<i>For Class 56 Rating, Add</i>	2,280.18	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1432	EA		30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,673.48	1,068.43
			<i>For Class 52 Rating, Deduct</i>	-886.01	
			<i>For Class 54 Rating, Add</i>	1,227.62	
			<i>For Class 55 Rating, Add</i>	1,835.04	
			<i>For Class 56 Rating, Add</i>	2,434.40	
40 05 19 00-1433	EA		30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,199.67	1,070.97
			<i>For Class 52 Rating, Deduct</i>	-943.47	
			<i>For Class 54 Rating, Add</i>	1,306.02	
			<i>For Class 55 Rating, Add</i>	1,951.61	
			<i>For Class 56 Rating, Add</i>	2,588.63	
40 05 19 00-1434	EA		30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,725.86	1,073.53
			<i>For Class 52 Rating, Deduct</i>	-1,000.92	
			<i>For Class 54 Rating, Add</i>	1,384.41	
			<i>For Class 55 Rating, Add</i>	2,068.18	
			<i>For Class 56 Rating, Add</i>	2,742.85	
40 05 19 00-1435	EA		30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,252.03	1,076.07
			<i>For Class 52 Rating, Deduct</i>	-1,058.38	
			<i>For Class 54 Rating, Add</i>	1,462.81	
			<i>For Class 55 Rating, Add</i>	2,184.75	
			<i>For Class 56 Rating, Add</i>	2,897.07	
40 05 19 00-1436	EA		30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,778.21	1,078.63
			<i>For Class 52 Rating, Deduct</i>	-1,115.83	
			<i>For Class 54 Rating, Add</i>	1,541.20	
			<i>For Class 55 Rating, Add</i>	2,301.32	
			<i>For Class 56 Rating, Add</i>	3,051.29	
40 05 19 00-1437	EA		30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,304.38	1,081.17
			<i>For Class 52 Rating, Deduct</i>	-1,173.29	
			<i>For Class 54 Rating, Add</i>	1,619.59	
			<i>For Class 55 Rating, Add</i>	2,417.89	
			<i>For Class 56 Rating, Add</i>	3,205.51	
40 05 19 00-1438	EA		30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,830.57	1,083.73
			<i>For Class 52 Rating, Deduct</i>	-1,230.74	
			<i>For Class 54 Rating, Add</i>	1,697.99	
			<i>For Class 55 Rating, Add</i>	2,534.46	
			<i>For Class 56 Rating, Add</i>	3,359.74	
40 05 19 00-1439	EA		30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,356.75	1,086.28
			<i>For Class 52 Rating, Deduct</i>	-1,288.20	
			<i>For Class 54 Rating, Add</i>	1,776.38	
			<i>For Class 55 Rating, Add</i>	2,651.03	
			<i>For Class 56 Rating, Add</i>	3,513.96	
40 05 19 00-1440	EA		30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,882.92	1,088.82
			<i>For Class 52 Rating, Deduct</i>	-1,345.65	
			<i>For Class 54 Rating, Add</i>	1,854.78	
			<i>For Class 55 Rating, Add</i>	2,767.59	
			<i>For Class 56 Rating, Add</i>	3,668.18	
40 05 19 00-1441	EA		30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,409.10	1,091.37
			<i>For Class 52 Rating, Deduct</i>	-1,403.11	
			<i>For Class 54 Rating, Add</i>	1,933.17	
			<i>For Class 55 Rating, Add</i>	2,884.16	
			<i>For Class 56 Rating, Add</i>	3,822.40	
40 05 19 00-1442	EA		30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,935.29	1,093.92
			<i>For Class 52 Rating, Deduct</i>	-1,460.56	
			<i>For Class 54 Rating, Add</i>	2,011.56	
			<i>For Class 55 Rating, Add</i>	3,000.73	
			<i>For Class 56 Rating, Add</i>	3,976.63	
40 05 19 00-1443	EA		30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,461.47	1,096.48
			<i>For Class 52 Rating, Deduct</i>	-1,518.02	
			<i>For Class 54 Rating, Add</i>	2,089.96	
			<i>For Class 55 Rating, Add</i>	3,117.30	
			<i>For Class 56 Rating, Add</i>	4,130.85	
40 05 19 00-1444	EA		30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,987.65	1,099.02
			<i>For Class 52 Rating, Deduct</i>	-1,575.47	
			<i>For Class 54 Rating, Add</i>	2,168.35	
			<i>For Class 55 Rating, Add</i>	3,233.87	
			<i>For Class 56 Rating, Add</i>	4,285.07	
40 05 19 00-1445	EA		30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	16,513.82	1,101.58
			<i>For Class 52 Rating, Deduct</i>	-1,632.92	
			<i>For Class 54 Rating, Add</i>	2,246.74	
			<i>For Class 55 Rating, Add</i>	3,350.44	
			<i>For Class 56 Rating, Add</i>	4,439.29	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1446 EA 30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,040.01	1,104.12
<i>For Class 52 Rating, Deduct</i>	-1,690.38	
<i>For Class 54 Rating, Add</i>	2,325.14	
<i>For Class 55 Rating, Add</i>	3,467.01	
<i>For Class 56 Rating, Add</i>	4,593.52	
40 05 19 00-1447 EA 30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,566.18	1,106.67
<i>For Class 52 Rating, Deduct</i>	-1,747.83	
<i>For Class 54 Rating, Add</i>	2,403.53	
<i>For Class 55 Rating, Add</i>	3,583.58	
<i>For Class 56 Rating, Add</i>	4,747.74	
40 05 19 00-1448 EA 30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,092.36	1,109.22
<i>For Class 52 Rating, Deduct</i>	-1,805.29	
<i>For Class 54 Rating, Add</i>	2,481.93	
<i>For Class 55 Rating, Add</i>	3,700.15	
<i>For Class 56 Rating, Add</i>	4,901.96	
40 05 19 00-1449 EA 30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,618.54	1,111.78
<i>For Class 52 Rating, Deduct</i>	-1,862.74	
<i>For Class 54 Rating, Add</i>	2,560.32	
<i>For Class 55 Rating, Add</i>	3,816.72	
<i>For Class 56 Rating, Add</i>	5,056.18	
40 05 19 00-1450 EA 30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,144.72	1,114.33
<i>For Class 52 Rating, Deduct</i>	-1,920.20	
<i>For Class 54 Rating, Add</i>	2,638.71	
<i>For Class 55 Rating, Add</i>	3,933.29	
<i>For Class 56 Rating, Add</i>	5,210.40	
40 05 19 00-1451 EA 30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	19,670.91	1,116.87
<i>For Class 52 Rating, Deduct</i>	-1,977.65	
<i>For Class 54 Rating, Add</i>	2,717.11	
<i>For Class 55 Rating, Add</i>	4,049.86	
<i>For Class 56 Rating, Add</i>	5,364.63	
40 05 19 00-1452 EA 30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,197.09	1,119.42
<i>For Class 52 Rating, Deduct</i>	-2,035.11	
<i>For Class 54 Rating, Add</i>	2,795.50	
<i>For Class 55 Rating, Add</i>	4,166.43	
<i>For Class 56 Rating, Add</i>	5,518.85	
40 05 19 00-1453 EA 30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,723.26	1,121.97
<i>For Class 52 Rating, Deduct</i>	-2,092.56	
<i>For Class 54 Rating, Add</i>	2,873.89	
<i>For Class 55 Rating, Add</i>	4,282.99	
<i>For Class 56 Rating, Add</i>	5,673.07	
40 05 19 00-1454 EA 30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,249.45	1,124.53
<i>For Class 52 Rating, Deduct</i>	-2,150.02	
<i>For Class 54 Rating, Add</i>	2,952.29	
<i>For Class 55 Rating, Add</i>	4,399.57	
<i>For Class 56 Rating, Add</i>	5,827.30	
40 05 19 00-1455 EA 30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,775.62	1,127.07
<i>For Class 52 Rating, Deduct</i>	-2,207.47	
<i>For Class 54 Rating, Add</i>	3,030.68	
<i>For Class 55 Rating, Add</i>	4,516.13	
<i>For Class 56 Rating, Add</i>	5,981.52	
40 05 19 00-1456 EA 30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,301.80	1,129.63
<i>For Class 52 Rating, Deduct</i>	-2,264.93	
<i>For Class 54 Rating, Add</i>	3,109.08	
<i>For Class 55 Rating, Add</i>	4,632.70	
<i>For Class 56 Rating, Add</i>	6,135.74	
40 05 19 00-1457 EA 30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	22,827.98	1,132.18
<i>For Class 52 Rating, Deduct</i>	-2,322.38	
<i>For Class 54 Rating, Add</i>	3,187.47	
<i>For Class 55 Rating, Add</i>	4,749.27	
<i>For Class 56 Rating, Add</i>	6,289.96	
40 05 19 00-1458 EA 30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,354.16	1,134.72
<i>For Class 52 Rating, Deduct</i>	-2,379.84	
<i>For Class 54 Rating, Add</i>	3,265.86	
<i>For Class 55 Rating, Add</i>	4,865.84	
<i>For Class 56 Rating, Add</i>	6,444.18	
40 05 19 00-1459 EA 30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,880.34	1,137.27
<i>For Class 52 Rating, Deduct</i>	-2,437.29	
<i>For Class 54 Rating, Add</i>	3,344.26	
<i>For Class 55 Rating, Add</i>	4,982.41	
<i>For Class 56 Rating, Add</i>	6,598.41	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1460	EA		30" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,406.52	1,139.83
			<i>For Class 52 Rating, Deduct</i>	-2,494.75	
			<i>For Class 54 Rating, Add</i>	3,422.65	
			<i>For Class 55 Rating, Add</i>	5,098.98	
			<i>For Class 56 Rating, Add</i>	6,752.63	
40 05 19 00-1461	EA		30" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,932.70	1,142.38
			<i>For Class 52 Rating, Deduct</i>	-2,552.20	
			<i>For Class 54 Rating, Add</i>	3,501.04	
			<i>For Class 55 Rating, Add</i>	5,215.55	
			<i>For Class 56 Rating, Add</i>	6,906.85	
40 05 19 00-1462	EA		30" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,458.89	1,144.92
			<i>For Class 52 Rating, Deduct</i>	-2,609.66	
			<i>For Class 54 Rating, Add</i>	3,579.44	
			<i>For Class 55 Rating, Add</i>	5,332.12	
			<i>For Class 56 Rating, Add</i>	7,061.07	
40 05 19 00-1463			36" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1464	EA		36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,280.33	1,331.08
			<i>For Class 52 Rating, Deduct</i>	-688.99	
			<i>For Class 54 Rating, Add</i>	963.74	
			<i>For Class 55 Rating, Add</i>	1,445.18	
			<i>For Class 56 Rating, Add</i>	1,920.35	
40 05 19 00-1465	EA		36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	8,994.72	1,333.62
			<i>For Class 52 Rating, Deduct</i>	-767.15	
			<i>For Class 54 Rating, Add</i>	1,070.36	
			<i>For Class 55 Rating, Add</i>	1,603.72	
			<i>For Class 56 Rating, Add</i>	2,130.10	
40 05 19 00-1466	EA		36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	9,709.10	1,336.16
			<i>For Class 52 Rating, Deduct</i>	-845.31	
			<i>For Class 54 Rating, Add</i>	1,176.98	
			<i>For Class 55 Rating, Add</i>	1,762.25	
			<i>For Class 56 Rating, Add</i>	2,339.84	
40 05 19 00-1467	EA		36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	10,423.48	1,338.72
			<i>For Class 52 Rating, Deduct</i>	-923.46	
			<i>For Class 54 Rating, Add</i>	1,283.61	
			<i>For Class 55 Rating, Add</i>	1,920.79	
			<i>For Class 56 Rating, Add</i>	2,549.58	
40 05 19 00-1468	EA		36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,137.86	1,341.27
			<i>For Class 52 Rating, Deduct</i>	-1,001.62	
			<i>For Class 54 Rating, Add</i>	1,390.23	
			<i>For Class 55 Rating, Add</i>	2,079.33	
			<i>For Class 56 Rating, Add</i>	2,759.32	
40 05 19 00-1469	EA		36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	11,852.25	1,343.82
			<i>For Class 52 Rating, Deduct</i>	-1,079.78	
			<i>For Class 54 Rating, Add</i>	1,496.86	
			<i>For Class 55 Rating, Add</i>	2,237.87	
			<i>For Class 56 Rating, Add</i>	2,969.07	
40 05 19 00-1470	EA		36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	12,566.64	1,346.36
			<i>For Class 52 Rating, Deduct</i>	-1,157.93	
			<i>For Class 54 Rating, Add</i>	1,603.48	
			<i>For Class 55 Rating, Add</i>	2,396.41	
			<i>For Class 56 Rating, Add</i>	3,178.81	
40 05 19 00-1471	EA		36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,281.02	1,348.92
			<i>For Class 52 Rating, Deduct</i>	-1,236.09	
			<i>For Class 54 Rating, Add</i>	1,710.11	
			<i>For Class 55 Rating, Add</i>	2,554.95	
			<i>For Class 56 Rating, Add</i>	3,388.55	
40 05 19 00-1472	EA		36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	13,995.40	1,351.47
			<i>For Class 52 Rating, Deduct</i>	-1,314.25	
			<i>For Class 54 Rating, Add</i>	1,816.73	
			<i>For Class 55 Rating, Add</i>	2,713.49	
			<i>For Class 56 Rating, Add</i>	3,598.29	
40 05 19 00-1473	EA		36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,709.79	1,354.02
			<i>For Class 52 Rating, Deduct</i>	-1,392.41	
			<i>For Class 54 Rating, Add</i>	1,923.35	
			<i>For Class 55 Rating, Add</i>	2,872.02	
			<i>For Class 56 Rating, Add</i>	3,808.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1474 EA 36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	15,424.16	1,356.57
<i>For Class 52 Rating, Deduct</i>	-1,470.56	
<i>For Class 54 Rating, Add</i>	2,029.98	
<i>For Class 55 Rating, Add</i>	3,030.56	
<i>For Class 56 Rating, Add</i>	4,017.78	
40 05 19 00-1475 EA 36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,138.54	1,359.13
<i>For Class 52 Rating, Deduct</i>	-1,548.72	
<i>For Class 54 Rating, Add</i>	2,136.60	
<i>For Class 55 Rating, Add</i>	3,189.10	
<i>For Class 56 Rating, Add</i>	4,227.52	
40 05 19 00-1476 EA 36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,852.92	1,361.66
<i>For Class 52 Rating, Deduct</i>	-1,626.88	
<i>For Class 54 Rating, Add</i>	2,243.23	
<i>For Class 55 Rating, Add</i>	3,347.64	
<i>For Class 56 Rating, Add</i>	4,437.26	
40 05 19 00-1477 EA 36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,567.30	1,364.21
<i>For Class 52 Rating, Deduct</i>	-1,705.03	
<i>For Class 54 Rating, Add</i>	2,349.85	
<i>For Class 55 Rating, Add</i>	3,506.18	
<i>For Class 56 Rating, Add</i>	4,647.00	
40 05 19 00-1478 EA 36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	18,281.69	1,366.77
<i>For Class 52 Rating, Deduct</i>	-1,783.19	
<i>For Class 54 Rating, Add</i>	2,456.47	
<i>For Class 55 Rating, Add</i>	3,664.72	
<i>For Class 56 Rating, Add</i>	4,856.75	
40 05 19 00-1479 EA 36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	18,996.08	1,369.32
<i>For Class 52 Rating, Deduct</i>	-1,861.35	
<i>For Class 54 Rating, Add</i>	2,563.10	
<i>For Class 55 Rating, Add</i>	3,823.25	
<i>For Class 56 Rating, Add</i>	5,066.49	
40 05 19 00-1480 EA 36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	19,710.46	1,371.87
<i>For Class 52 Rating, Deduct</i>	-1,939.51	
<i>For Class 54 Rating, Add</i>	2,669.72	
<i>For Class 55 Rating, Add</i>	3,981.79	
<i>For Class 56 Rating, Add</i>	5,276.23	
40 05 19 00-1481 EA 36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	20,424.84	1,374.42
<i>For Class 52 Rating, Deduct</i>	-2,017.66	
<i>For Class 54 Rating, Add</i>	2,776.35	
<i>For Class 55 Rating, Add</i>	4,140.33	
<i>For Class 56 Rating, Add</i>	5,485.97	
40 05 19 00-1482 EA 36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	21,139.23	1,376.97
<i>For Class 52 Rating, Deduct</i>	-2,095.82	
<i>For Class 54 Rating, Add</i>	2,882.97	
<i>For Class 55 Rating, Add</i>	4,298.87	
<i>For Class 56 Rating, Add</i>	5,695.72	
40 05 19 00-1483 EA 36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	21,853.61	1,379.52
<i>For Class 52 Rating, Deduct</i>	-2,173.98	
<i>For Class 54 Rating, Add</i>	2,989.60	
<i>For Class 55 Rating, Add</i>	4,457.41	
<i>For Class 56 Rating, Add</i>	5,905.46	
40 05 19 00-1484 EA 36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	22,567.98	1,382.07
<i>For Class 52 Rating, Deduct</i>	-2,252.13	
<i>For Class 54 Rating, Add</i>	3,096.22	
<i>For Class 55 Rating, Add</i>	4,615.95	
<i>For Class 56 Rating, Add</i>	6,115.20	
40 05 19 00-1485 EA 36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	23,282.36	1,384.62
<i>For Class 52 Rating, Deduct</i>	-2,330.29	
<i>For Class 54 Rating, Add</i>	3,202.84	
<i>For Class 55 Rating, Add</i>	4,774.48	
<i>For Class 56 Rating, Add</i>	6,324.94	
40 05 19 00-1486 EA 36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	23,996.75	1,387.18
<i>For Class 52 Rating, Deduct</i>	-2,408.45	
<i>For Class 54 Rating, Add</i>	3,309.47	
<i>For Class 55 Rating, Add</i>	4,933.02	
<i>For Class 56 Rating, Add</i>	6,534.68	
40 05 19 00-1487 EA 36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	24,711.13	1,389.71
<i>For Class 52 Rating, Deduct</i>	-2,486.61	
<i>For Class 54 Rating, Add</i>	3,416.09	
<i>For Class 55 Rating, Add</i>	5,091.56	
<i>For Class 56 Rating, Add</i>	6,744.43	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1488	EA		36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,425.52	1,392.26
			<i>For Class 52 Rating, Deduct</i>	-2,564.76	
			<i>For Class 54 Rating, Add</i>	3,522.72	
			<i>For Class 55 Rating, Add</i>	5,250.10	
			<i>For Class 56 Rating, Add</i>	6,954.17	
40 05 19 00-1489	EA		36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,139.90	1,394.82
			<i>For Class 52 Rating, Deduct</i>	-2,642.92	
			<i>For Class 54 Rating, Add</i>	3,629.34	
			<i>For Class 55 Rating, Add</i>	5,408.64	
			<i>For Class 56 Rating, Add</i>	7,163.91	
40 05 19 00-1490	EA		36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,854.29	1,397.37
			<i>For Class 52 Rating, Deduct</i>	-2,721.08	
			<i>For Class 54 Rating, Add</i>	3,735.97	
			<i>For Class 55 Rating, Add</i>	5,567.18	
			<i>For Class 56 Rating, Add</i>	7,373.65	
40 05 19 00-1491	EA		36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,568.67	1,399.92
			<i>For Class 52 Rating, Deduct</i>	-2,799.23	
			<i>For Class 54 Rating, Add</i>	3,842.59	
			<i>For Class 55 Rating, Add</i>	5,725.72	
			<i>For Class 56 Rating, Add</i>	7,583.40	
40 05 19 00-1492	EA		36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,283.05	1,402.47
			<i>For Class 52 Rating, Deduct</i>	-2,877.39	
			<i>For Class 54 Rating, Add</i>	3,949.21	
			<i>For Class 55 Rating, Add</i>	5,884.26	
			<i>For Class 56 Rating, Add</i>	7,793.14	
40 05 19 00-1493	EA		36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,997.43	1,405.02
			<i>For Class 52 Rating, Deduct</i>	-2,955.55	
			<i>For Class 54 Rating, Add</i>	4,055.84	
			<i>For Class 55 Rating, Add</i>	6,042.79	
			<i>For Class 56 Rating, Add</i>	8,002.88	
40 05 19 00-1494	EA		36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,711.81	1,407.56
			<i>For Class 52 Rating, Deduct</i>	-3,033.70	
			<i>For Class 54 Rating, Add</i>	4,162.46	
			<i>For Class 55 Rating, Add</i>	6,201.33	
			<i>For Class 56 Rating, Add</i>	8,212.62	
40 05 19 00-1495	EA		36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	30,426.19	1,410.12
			<i>For Class 52 Rating, Deduct</i>	-3,111.86	
			<i>For Class 54 Rating, Add</i>	4,269.09	
			<i>For Class 55 Rating, Add</i>	6,359.87	
			<i>For Class 56 Rating, Add</i>	8,422.36	
40 05 19 00-1496	EA		36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,140.57	1,412.67
			<i>For Class 52 Rating, Deduct</i>	-3,190.02	
			<i>For Class 54 Rating, Add</i>	4,375.71	
			<i>For Class 55 Rating, Add</i>	6,518.41	
			<i>For Class 56 Rating, Add</i>	8,632.10	
40 05 19 00-1497	EA		36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,854.96	1,415.23
			<i>For Class 52 Rating, Deduct</i>	-3,268.18	
			<i>For Class 54 Rating, Add</i>	4,482.33	
			<i>For Class 55 Rating, Add</i>	6,676.95	
			<i>For Class 56 Rating, Add</i>	8,841.85	
40 05 19 00-1498	EA		36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,569.35	1,417.76
			<i>For Class 52 Rating, Deduct</i>	-3,346.33	
			<i>For Class 54 Rating, Add</i>	4,588.96	
			<i>For Class 55 Rating, Add</i>	6,835.49	
			<i>For Class 56 Rating, Add</i>	9,051.59	
40 05 19 00-1499	EA		36" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,283.73	1,420.31
			<i>For Class 52 Rating, Deduct</i>	-3,424.49	
			<i>For Class 54 Rating, Add</i>	4,695.58	
			<i>For Class 55 Rating, Add</i>	6,994.02	
			<i>For Class 56 Rating, Add</i>	9,261.33	
40 05 19 00-1500	EA		36" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,998.11	1,422.87
			<i>For Class 52 Rating, Deduct</i>	-3,502.65	
			<i>For Class 54 Rating, Add</i>	4,802.21	
			<i>For Class 55 Rating, Add</i>	7,152.56	
			<i>For Class 56 Rating, Add</i>	9,471.07	
40 05 19 00-1501	EA		36" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,712.49	1,425.41
			<i>For Class 52 Rating, Deduct</i>	-3,580.80	
			<i>For Class 54 Rating, Add</i>	4,908.83	
			<i>For Class 55 Rating, Add</i>	7,311.10	
			<i>For Class 56 Rating, Add</i>	9,680.82	

40 05 19 00-1502 42" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-1028)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1503 EA 42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	10,939.45	1,677.86
For Class 52 Rating, Deduct	-923.70	
For Class 54 Rating, Add	1,290.09	
For Class 55 Rating, Add	1,933.60	
For Class 56 Rating, Add	2,568.71	
40 05 19 00-1504 EA 42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	12,004.86	1,680.41
For Class 52 Rating, Deduct	-1,040.47	
For Class 54 Rating, Add	1,449.37	
For Class 55 Rating, Add	2,170.41	
For Class 56 Rating, Add	2,882.00	
40 05 19 00-1505 EA 42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	13,057.59	1,682.96
For Class 52 Rating, Deduct	-1,155.84	
For Class 54 Rating, Add	1,606.75	
For Class 55 Rating, Add	2,404.40	
For Class 56 Rating, Add	3,191.55	
40 05 19 00-1506 EA 42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	14,120.88	1,685.52
For Class 52 Rating, Deduct	-1,272.38	
For Class 54 Rating, Add	1,765.71	
For Class 55 Rating, Add	2,640.75	
For Class 56 Rating, Add	3,504.23	
40 05 19 00-1507 EA 42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	15,173.60	1,688.06
For Class 52 Rating, Deduct	-1,387.75	
For Class 54 Rating, Add	1,923.08	
For Class 55 Rating, Add	2,874.74	
For Class 56 Rating, Add	3,813.78	
40 05 19 00-1508 EA 42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	16,239.02	1,690.60
For Class 52 Rating, Deduct	-1,504.52	
For Class 54 Rating, Add	2,082.36	
For Class 55 Rating, Add	3,111.56	
For Class 56 Rating, Add	4,127.07	
40 05 19 00-1509 EA 42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	17,289.64	1,693.16
For Class 52 Rating, Deduct	-1,619.67	
For Class 54 Rating, Add	2,239.42	
For Class 55 Rating, Add	3,345.08	
For Class 56 Rating, Add	4,436.01	
40 05 19 00-1510 EA 42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	18,355.05	1,695.71
For Class 52 Rating, Deduct	-1,736.44	
For Class 54 Rating, Add	2,398.70	
For Class 55 Rating, Add	3,581.89	
For Class 56 Rating, Add	4,749.30	
40 05 19 00-1511 EA 42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	19,407.77	1,698.27
For Class 52 Rating, Deduct	-1,851.81	
For Class 54 Rating, Add	2,556.07	
For Class 55 Rating, Add	3,815.88	
For Class 56 Rating, Add	5,058.85	
40 05 19 00-1512 EA 42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	20,471.07	1,700.81
For Class 52 Rating, Deduct	-1,968.35	
For Class 54 Rating, Add	2,715.04	
For Class 55 Rating, Add	4,052.23	
For Class 56 Rating, Add	5,371.53	
40 05 19 00-1513 EA 42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	21,523.80	1,703.36
For Class 52 Rating, Deduct	-2,083.72	
For Class 54 Rating, Add	2,872.41	
For Class 55 Rating, Add	4,286.22	
For Class 56 Rating, Add	5,681.08	
40 05 19 00-1514 EA 42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	22,587.09	1,705.91
For Class 52 Rating, Deduct	-2,200.26	
For Class 54 Rating, Add	3,031.37	
For Class 55 Rating, Add	4,522.56	
For Class 56 Rating, Add	5,993.75	
40 05 19 00-1515 EA 42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	23,639.81	1,708.46
For Class 52 Rating, Deduct	-2,315.64	
For Class 54 Rating, Add	3,188.75	
For Class 55 Rating, Add	4,756.55	
For Class 56 Rating, Add	6,303.30	
40 05 19 00-1516 EA 42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron		
Pipe	24,694.66	1,711.01
For Class 52 Rating, Deduct	-2,431.24	
For Class 54 Rating, Add	3,346.44	
For Class 55 Rating, Add	4,991.01	
For Class 56 Rating, Add	6,613.48	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1517	EA		42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	25,755.84	1,713.57
			<i>For Class 52 Rating, Deduct</i>	-2,547.55	
			<i>For Class 54 Rating, Add</i>	3,505.09	
			<i>For Class 55 Rating, Add</i>	5,226.89	
			<i>For Class 56 Rating, Add</i>	6,925.53	
40 05 19 00-1518	EA		42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,808.57	1,716.12
			<i>For Class 52 Rating, Deduct</i>	-2,662.92	
			<i>For Class 54 Rating, Add</i>	3,662.46	
			<i>For Class 55 Rating, Add</i>	5,460.88	
			<i>For Class 56 Rating, Add</i>	7,235.08	
40 05 19 00-1519	EA		42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	27,873.98	1,718.65
			<i>For Class 52 Rating, Deduct</i>	-2,779.69	
			<i>For Class 54 Rating, Add</i>	3,821.74	
			<i>For Class 55 Rating, Add</i>	5,697.70	
			<i>For Class 56 Rating, Add</i>	7,548.38	
40 05 19 00-1520	EA		42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,926.71	1,721.21
			<i>For Class 52 Rating, Deduct</i>	-2,895.07	
			<i>For Class 54 Rating, Add</i>	3,979.12	
			<i>For Class 55 Rating, Add</i>	5,931.68	
			<i>For Class 56 Rating, Add</i>	7,857.93	
40 05 19 00-1521	EA		42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,990.00	1,723.76
			<i>For Class 52 Rating, Deduct</i>	-3,011.61	
			<i>For Class 54 Rating, Add</i>	4,138.08	
			<i>For Class 55 Rating, Add</i>	6,168.03	
			<i>For Class 56 Rating, Add</i>	8,170.60	
40 05 19 00-1522	EA		42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,042.73	1,726.31
			<i>For Class 52 Rating, Deduct</i>	-3,126.98	
			<i>For Class 54 Rating, Add</i>	4,295.45	
			<i>For Class 55 Rating, Add</i>	6,402.02	
			<i>For Class 56 Rating, Add</i>	8,480.16	
40 05 19 00-1523	EA		42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,108.13	1,728.86
			<i>For Class 52 Rating, Deduct</i>	-3,243.75	
			<i>For Class 54 Rating, Add</i>	4,454.73	
			<i>For Class 55 Rating, Add</i>	6,638.84	
			<i>For Class 56 Rating, Add</i>	8,793.45	
40 05 19 00-1524	EA		42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	33,160.87	1,731.41
			<i>For Class 52 Rating, Deduct</i>	-3,359.13	
			<i>For Class 54 Rating, Add</i>	4,612.11	
			<i>For Class 55 Rating, Add</i>	6,872.83	
			<i>For Class 56 Rating, Add</i>	9,103.01	
40 05 19 00-1525	EA		42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,224.16	1,733.96
			<i>For Class 52 Rating, Deduct</i>	-3,475.66	
			<i>For Class 54 Rating, Add</i>	4,771.07	
			<i>For Class 55 Rating, Add</i>	7,109.17	
			<i>For Class 56 Rating, Add</i>	9,415.68	
40 05 19 00-1526	EA		42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,276.88	1,736.51
			<i>For Class 52 Rating, Deduct</i>	-3,591.04	
			<i>For Class 54 Rating, Add</i>	4,928.44	
			<i>For Class 55 Rating, Add</i>	7,343.16	
			<i>For Class 56 Rating, Add</i>	9,725.23	
40 05 19 00-1527	EA		42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	36,342.30	1,739.06
			<i>For Class 52 Rating, Deduct</i>	-3,707.81	
			<i>For Class 54 Rating, Add</i>	5,087.72	
			<i>For Class 55 Rating, Add</i>	7,579.98	
			<i>For Class 56 Rating, Add</i>	10,038.53	
40 05 19 00-1528	EA		42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,395.03	1,741.62
			<i>For Class 52 Rating, Deduct</i>	-3,823.18	
			<i>For Class 54 Rating, Add</i>	5,245.10	
			<i>For Class 55 Rating, Add</i>	7,813.97	
			<i>For Class 56 Rating, Add</i>	10,348.08	
40 05 19 00-1529	EA		42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,456.21	1,744.16
			<i>For Class 52 Rating, Deduct</i>	-3,939.49	
			<i>For Class 54 Rating, Add</i>	5,403.74	
			<i>For Class 55 Rating, Add</i>	8,049.84	
			<i>For Class 56 Rating, Add</i>	10,660.13	
40 05 19 00-1530	EA		42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	39,511.05	1,746.70
			<i>For Class 52 Rating, Deduct</i>	-4,055.10	
			<i>For Class 54 Rating, Add</i>	5,561.44	
			<i>For Class 55 Rating, Add</i>	8,284.30	
			<i>For Class 56 Rating, Add</i>	10,970.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1531 EA 42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,352.31	1,749.26
For Class 52 Rating, Deduct	-4,147.21	
For Class 54 Rating, Add	5,687.09	
For Class 55 Rating, Add	8,471.14	
For Class 56 Rating, Add	11,217.48	
40 05 19 00-1532 EA 42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	41,627.08	1,751.81
For Class 52 Rating, Deduct	-4,287.01	
For Class 54 Rating, Add	5,877.77	
For Class 55 Rating, Add	8,754.64	
For Class 56 Rating, Add	11,592.54	
40 05 19 00-1533 EA 42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,679.80	1,754.36
For Class 52 Rating, Deduct	-4,402.38	
For Class 54 Rating, Add	6,035.15	
For Class 55 Rating, Add	8,988.63	
For Class 56 Rating, Add	11,902.09	
40 05 19 00-1534 EA 42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,743.09	1,756.91
For Class 52 Rating, Deduct	-4,518.92	
For Class 54 Rating, Add	6,194.11	
For Class 55 Rating, Add	9,224.98	
For Class 56 Rating, Add	12,214.76	
40 05 19 00-1535 EA 42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	44,795.81	1,759.46
For Class 52 Rating, Deduct	-4,634.30	
For Class 54 Rating, Add	6,351.49	
For Class 55 Rating, Add	9,458.96	
For Class 56 Rating, Add	12,524.31	
40 05 19 00-1536 EA 42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,861.24	1,762.01
For Class 52 Rating, Deduct	-4,751.07	
For Class 54 Rating, Add	6,510.76	
For Class 55 Rating, Add	9,695.78	
For Class 56 Rating, Add	12,837.61	
40 05 19 00-1537 EA 42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,911.85	1,764.56
For Class 52 Rating, Deduct	-4,866.21	
For Class 54 Rating, Add	6,667.82	
For Class 55 Rating, Add	9,929.30	
For Class 56 Rating, Add	13,146.54	
40 05 19 00-1538 EA 42" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	47,977.26	1,767.11
For Class 52 Rating, Deduct	-4,982.98	
For Class 54 Rating, Add	6,827.10	
For Class 55 Rating, Add	10,166.12	
For Class 56 Rating, Add	13,459.83	
40 05 19 00-1539 EA 42" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,029.98	1,769.67
For Class 52 Rating, Deduct	-5,098.35	
For Class 54 Rating, Add	6,984.48	
For Class 55 Rating, Add	10,400.11	
For Class 56 Rating, Add	13,769.39	
40 05 19 00-1540 EA 42" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	50,093.28	1,772.21
For Class 52 Rating, Deduct	-5,214.89	
For Class 54 Rating, Add	7,143.44	
For Class 55 Rating, Add	10,636.45	
For Class 56 Rating, Add	14,082.06	
40 05 19 00-1541 48" Flanged End x Plain End (FxPE), Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-1028)</small>		
40 05 19 00-1542 EA 48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	14,115.16	2,108.80
For Class 52 Rating, Deduct	-1,201.20	
For Class 54 Rating, Add	1,676.34	
For Class 55 Rating, Add	2,511.84	
For Class 56 Rating, Add	3,336.43	
40 05 19 00-1543 EA 48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	15,664.82	2,111.35
For Class 52 Rating, Deduct	-1,371.24	
For Class 54 Rating, Add	1,908.26	
For Class 55 Rating, Add	2,856.65	
For Class 56 Rating, Add	3,792.58	
40 05 19 00-1544 EA 48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	17,212.37	2,113.91
For Class 52 Rating, Deduct	-1,541.04	
For Class 54 Rating, Add	2,139.86	
For Class 55 Rating, Add	3,200.99	
For Class 56 Rating, Add	4,248.10	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1545	EA		48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	18,772.60	2,116.45
			<i>For Class 52 Rating, Deduct</i>	-1,712.24	
			<i>For Class 54 Rating, Add</i>	2,373.36	
			<i>For Class 55 Rating, Add</i>	3,548.15	
			<i>For Class 56 Rating, Add</i>	4,707.37	
40 05 19 00-1546	EA		48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	20,322.28	2,119.00
			<i>For Class 52 Rating, Deduct</i>	-1,882.28	
			<i>For Class 54 Rating, Add</i>	2,605.28	
			<i>For Class 55 Rating, Add</i>	3,892.96	
			<i>For Class 56 Rating, Add</i>	5,163.52	
40 05 19 00-1547	EA		48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	21,871.94	2,121.55
			<i>For Class 52 Rating, Deduct</i>	-2,052.32	
			<i>For Class 54 Rating, Add</i>	2,837.19	
			<i>For Class 55 Rating, Add</i>	4,237.76	
			<i>For Class 56 Rating, Add</i>	5,619.67	
40 05 19 00-1548	EA		48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	23,430.06	2,124.11
			<i>For Class 52 Rating, Deduct</i>	-2,223.29	
			<i>For Class 54 Rating, Add</i>	3,070.38	
			<i>For Class 55 Rating, Add</i>	4,584.46	
			<i>For Class 56 Rating, Add</i>	6,078.32	
40 05 19 00-1549	EA		48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	24,981.84	2,126.65
			<i>For Class 52 Rating, Deduct</i>	-2,393.56	
			<i>For Class 54 Rating, Add</i>	3,302.61	
			<i>For Class 55 Rating, Add</i>	4,929.73	
			<i>For Class 56 Rating, Add</i>	6,535.10	
40 05 19 00-1550	EA		48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	26,529.40	2,129.20
			<i>For Class 52 Rating, Deduct</i>	-2,563.37	
			<i>For Class 54 Rating, Add</i>	3,534.21	
			<i>For Class 55 Rating, Add</i>	5,274.07	
			<i>For Class 56 Rating, Add</i>	6,990.62	
40 05 19 00-1551	EA		48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	28,089.64	2,131.75
			<i>For Class 52 Rating, Deduct</i>	-2,734.57	
			<i>For Class 54 Rating, Add</i>	3,767.72	
			<i>For Class 55 Rating, Add</i>	5,621.23	
			<i>For Class 56 Rating, Add</i>	7,449.89	
40 05 19 00-1552	EA		48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	29,639.30	2,134.30
			<i>For Class 52 Rating, Deduct</i>	-2,904.61	
			<i>For Class 54 Rating, Add</i>	3,999.63	
			<i>For Class 55 Rating, Add</i>	5,966.04	
			<i>For Class 56 Rating, Add</i>	7,906.04	
40 05 19 00-1553	EA		48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	31,199.53	2,136.85
			<i>For Class 52 Rating, Deduct</i>	-3,075.81	
			<i>For Class 54 Rating, Add</i>	4,233.13	
			<i>For Class 55 Rating, Add</i>	6,313.20	
			<i>For Class 56 Rating, Add</i>	8,365.31	
40 05 19 00-1554	EA		48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	32,747.09	2,139.40
			<i>For Class 52 Rating, Deduct</i>	-3,245.61	
			<i>For Class 54 Rating, Add</i>	4,464.73	
			<i>For Class 55 Rating, Add</i>	6,657.54	
			<i>For Class 56 Rating, Add</i>	8,820.84	
40 05 19 00-1555	EA		48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	34,296.75	2,141.96
			<i>For Class 52 Rating, Deduct</i>	-3,415.65	
			<i>For Class 54 Rating, Add</i>	4,696.65	
			<i>For Class 55 Rating, Add</i>	7,002.34	
			<i>For Class 56 Rating, Add</i>	9,276.99	
40 05 19 00-1556	EA		48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	35,856.99	2,144.50
			<i>For Class 52 Rating, Deduct</i>	-3,586.85	
			<i>For Class 54 Rating, Add</i>	4,930.15	
			<i>For Class 55 Rating, Add</i>	7,349.51	
			<i>For Class 56 Rating, Add</i>	9,736.26	
40 05 19 00-1557	EA		48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	37,406.65	2,147.05
			<i>For Class 52 Rating, Deduct</i>	-3,756.89	
			<i>For Class 54 Rating, Add</i>	5,162.07	
			<i>For Class 55 Rating, Add</i>	7,694.32	
			<i>For Class 56 Rating, Add</i>	10,192.41	
40 05 19 00-1558	EA		48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	38,954.21	2,149.60
			<i>For Class 52 Rating, Deduct</i>	-3,926.70	
			<i>For Class 54 Rating, Add</i>	5,393.67	
			<i>For Class 55 Rating, Add</i>	8,038.65	
			<i>For Class 56 Rating, Add</i>	10,647.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1559 EA 48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	40,514.45	2,152.16
<i>For Class 52 Rating, Deduct</i>	-4,097.90	
<i>For Class 54 Rating, Add</i>	5,627.17	
<i>For Class 55 Rating, Add</i>	8,385.82	
<i>For Class 56 Rating, Add</i>	11,107.21	
40 05 19 00-1560 EA 48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	42,064.11	2,154.70
<i>For Class 52 Rating, Deduct</i>	-4,267.94	
<i>For Class 54 Rating, Add</i>	5,859.09	
<i>For Class 55 Rating, Add</i>	8,730.62	
<i>For Class 56 Rating, Add</i>	11,563.36	
40 05 19 00-1561 EA 48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	43,611.66	2,157.25
<i>For Class 52 Rating, Deduct</i>	-4,437.74	
<i>For Class 54 Rating, Add</i>	6,090.69	
<i>For Class 55 Rating, Add</i>	9,074.96	
<i>For Class 56 Rating, Add</i>	12,018.88	
40 05 19 00-1562 EA 48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	45,171.91	2,159.80
<i>For Class 52 Rating, Deduct</i>	-4,608.94	
<i>For Class 54 Rating, Add</i>	6,324.19	
<i>For Class 55 Rating, Add</i>	9,422.12	
<i>For Class 56 Rating, Add</i>	12,478.15	
40 05 19 00-1563 EA 48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	46,723.68	2,162.35
<i>For Class 52 Rating, Deduct</i>	-4,779.21	
<i>For Class 54 Rating, Add</i>	6,556.42	
<i>For Class 55 Rating, Add</i>	9,767.40	
<i>For Class 56 Rating, Add</i>	12,934.93	
40 05 19 00-1564 EA 48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	48,271.23	2,164.90
<i>For Class 52 Rating, Deduct</i>	-4,949.02	
<i>For Class 54 Rating, Add</i>	6,788.02	
<i>For Class 55 Rating, Add</i>	10,111.73	
<i>For Class 56 Rating, Add</i>	13,390.45	
40 05 19 00-1565 EA 48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	49,831.47	2,167.45
<i>For Class 52 Rating, Deduct</i>	-5,120.22	
<i>For Class 54 Rating, Add</i>	7,021.53	
<i>For Class 55 Rating, Add</i>	10,458.90	
<i>For Class 56 Rating, Add</i>	13,849.73	
40 05 19 00-1566 EA 48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	51,381.14	2,170.01
<i>For Class 52 Rating, Deduct</i>	-5,290.26	
<i>For Class 54 Rating, Add</i>	7,253.44	
<i>For Class 55 Rating, Add</i>	10,803.71	
<i>For Class 56 Rating, Add</i>	14,305.88	
40 05 19 00-1567 EA 48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	52,928.68	2,172.54
<i>For Class 52 Rating, Deduct</i>	-5,460.06	
<i>For Class 54 Rating, Add</i>	7,485.04	
<i>For Class 55 Rating, Add</i>	11,148.04	
<i>For Class 56 Rating, Add</i>	14,761.40	
40 05 19 00-1568 EA 48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	54,488.93	2,175.10
<i>For Class 52 Rating, Deduct</i>	-5,631.27	
<i>For Class 54 Rating, Add</i>	7,718.55	
<i>For Class 55 Rating, Add</i>	11,495.21	
<i>For Class 56 Rating, Add</i>	15,220.67	
40 05 19 00-1569 EA 48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	56,038.59	2,177.65
<i>For Class 52 Rating, Deduct</i>	-5,801.30	
<i>For Class 54 Rating, Add</i>	7,950.46	
<i>For Class 55 Rating, Add</i>	11,840.01	
<i>For Class 56 Rating, Add</i>	15,676.82	
40 05 19 00-1570 EA 48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	57,397.95	2,180.21
<i>For Class 52 Rating, Deduct</i>	-5,950.41	
<i>For Class 54 Rating, Add</i>	8,153.83	
<i>For Class 55 Rating, Add</i>	12,142.38	
<i>For Class 56 Rating, Add</i>	16,076.83	
40 05 19 00-1571 EA 48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	59,148.50	2,182.75
<i>For Class 52 Rating, Deduct</i>	-6,142.54	
<i>For Class 54 Rating, Add</i>	8,415.88	
<i>For Class 55 Rating, Add</i>	12,531.98	
<i>For Class 56 Rating, Add</i>	16,592.24	
40 05 19 00-1572 EA 48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	60,696.05	2,185.30
<i>For Class 52 Rating, Deduct</i>	-6,312.35	
<i>For Class 54 Rating, Add</i>	8,647.48	
<i>For Class 55 Rating, Add</i>	12,876.32	
<i>For Class 56 Rating, Add</i>	17,047.77	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1573	EA		48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	62,258.40	2,187.85
			<i>For Class 52 Rating, Deduct</i>	-6,483.78	
			<i>For Class 54 Rating, Add</i>	8,881.30	
			<i>For Class 55 Rating, Add</i>	13,223.95	
			<i>For Class 56 Rating, Add</i>	17,507.66	
40 05 19 00-1574	EA		48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	63,805.95	2,190.39
			<i>For Class 52 Rating, Deduct</i>	-6,653.59	
			<i>For Class 54 Rating, Add</i>	9,112.90	
			<i>For Class 55 Rating, Add</i>	13,568.29	
			<i>For Class 56 Rating, Add</i>	17,963.19	
40 05 19 00-1575	EA		48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	65,353.50	2,192.95
			<i>For Class 52 Rating, Deduct</i>	-6,823.39	
			<i>For Class 54 Rating, Add</i>	9,344.50	
			<i>For Class 55 Rating, Add</i>	13,912.62	
			<i>For Class 56 Rating, Add</i>	18,418.72	
40 05 19 00-1576	EA		48" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	66,915.85	2,195.50
			<i>For Class 52 Rating, Deduct</i>	-6,994.83	
			<i>For Class 54 Rating, Add</i>	9,578.32	
			<i>For Class 55 Rating, Add</i>	14,260.26	
			<i>For Class 56 Rating, Add</i>	18,878.61	
40 05 19 00-1577	EA		48" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	68,463.41	2,198.06
			<i>For Class 52 Rating, Deduct</i>	-7,164.63	
			<i>For Class 54 Rating, Add</i>	9,809.92	
			<i>For Class 55 Rating, Add</i>	14,604.59	
			<i>For Class 56 Rating, Add</i>	19,334.14	
40 05 19 00-1578	EA		48" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	70,013.07	2,200.59
			<i>For Class 52 Rating, Deduct</i>	-7,334.67	
			<i>For Class 54 Rating, Add</i>	10,041.84	
			<i>For Class 55 Rating, Add</i>	14,949.40	
			<i>For Class 56 Rating, Add</i>	19,790.29	
40 05 19 00-1579	EA		48" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Cement Lined, Bituminous Seal Coat, Ductile Iron Pipe	71,573.31	2,203.15
			<i>For Class 52 Rating, Deduct</i>	-7,505.87	
			<i>For Class 54 Rating, Add</i>	10,275.34	
			<i>For Class 55 Rating, Add</i>	15,296.56	
			<i>For Class 56 Rating, Add</i>	20,249.56	
40 05 19 00-1580			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbows <small>(40 05 19 00-0001)</small>		
40 05 19 00-1581	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	403.32	123.03
40 05 19 00-1582	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	574.04	157.32
40 05 19 00-1583	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow	822.59	178.19
40 05 19 00-1584	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	1,219.47	225.92
40 05 19 00-1585	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	1,522.76	250.52
40 05 19 00-1586	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	1,916.53	272.15
40 05 19 00-1587	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	2,360.89	335.52
40 05 19 00-1588	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	3,114.91	402.63
40 05 19 00-1589	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	3,831.99	507.00
40 05 19 00-1590	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	5,920.78	574.11
40 05 19 00-1591	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	10,052.36	760.51
40 05 19 00-1592	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	14,350.09	861.16
40 05 19 00-1593	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	24,245.66	984.19
40 05 19 00-1594	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	32,330.36	1,207.87
40 05 19 00-1595			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbows <small>(40 05 19 00-0001)</small>		
40 05 19 00-1596	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	379.57	123.03
40 05 19 00-1597	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	536.04	157.32
40 05 19 00-1598	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow	726.01	178.19
40 05 19 00-1599	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,080.14	225.92
40 05 19 00-1600	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,345.42	250.52
40 05 19 00-1601	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,555.53	272.15
40 05 19 00-1602	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,961.88	335.52
40 05 19 00-1603	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	2,578.15	402.63
40 05 19 00-1604	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	3,342.73	507.00
40 05 19 00-1605	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	4,445.09	574.11
40 05 19 00-1606	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	8,972.51	760.51
40 05 19 00-1607	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	13,561.58	861.16
40 05 19 00-1608	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	20,855.68	984.19
40 05 19 00-1609	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	28,495.47	1,207.87
40 05 19 00-1610			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows <small>(40 05 19 00-0001)</small>		
40 05 19 00-1611	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	377.99	123.03
40 05 19 00-1612	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	523.37	157.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1613	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	714.92	178.19
40 05 19 00-1614	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,048.47	225.92
40 05 19 00-1615	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,415.09	250.52
40 05 19 00-1616	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	1,775.61	272.15
40 05 19 00-1617	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,010.97	335.52
40 05 19 00-1618	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	2,638.31	402.63
40 05 19 00-1619	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	3,603.99	507.00
40 05 19 00-1620	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	5,040.43	574.11
40 05 19 00-1621	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	9,078.59	760.51
40 05 19 00-1622	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	13,805.42	861.16
40 05 19 00-1623	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	21,341.77	984.19
40 05 19 00-1624	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow	29,128.81	1,207.87
40 05 19 00-1625 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows (40 05 19 00-0001)					
40 05 19 00-1626	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	417.57	123.03
40 05 19 00-1627	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	597.79	157.32
40 05 19 00-1628	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	746.59	178.19
40 05 19 00-1629	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,160.89	225.92
40 05 19 00-1630	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,622.51	250.52
40 05 19 00-1631	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	1,829.45	272.15
40 05 19 00-1632	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,235.81	335.52
40 05 19 00-1633	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	2,638.31	402.63
40 05 19 00-1634	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	3,603.99	507.00
40 05 19 00-1635	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	5,254.18	574.11
40 05 19 00-1636	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	9,184.68	760.51
40 05 19 00-1637	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	13,909.92	861.16
40 05 19 00-1638	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	21,452.61	984.19
40 05 19 00-1639	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow	29,352.06	1,207.87
40 05 19 00-1640 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows (40 05 19 00-0001)					
40 05 19 00-1641	EA		6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	546.47	140.17
40 05 19 00-1642	EA		8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	684.20	150.61
40 05 19 00-1643	EA		8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	771.94	167.76
40 05 19 00-1644	EA		10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,052.86	174.47
40 05 19 00-1645	EA		10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,108.93	191.62
40 05 19 00-1646	EA		10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,215.00	202.06
40 05 19 00-1647	EA		12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,132.23	187.14
40 05 19 00-1648	EA		12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,278.56	204.30
40 05 19 00-1649	EA		12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,478.04	214.73
40 05 19 00-1650	EA		12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,571.19	238.59
40 05 19 00-1651	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,478.04	214.73
40 05 19 00-1652	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,642.69	225.17
40 05 19 00-1653	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,830.83	249.03
40 05 19 00-1654	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,032.14	261.70
40 05 19 00-1655	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,704.97	246.42
40 05 19 00-1656	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,842.70	256.86
40 05 19 00-1657	EA		16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,121.11	280.71
40 05 19 00-1658	EA		16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,320.25	293.02
40 05 19 00-1659	EA		16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,488.63	303.83
40 05 19 00-1660	EA		18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,998.06	279.97
40 05 19 00-1661	EA		18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,408.14	290.40
40 05 19 00-1662	EA		18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,474.36	314.27
40 05 19 00-1663	EA		18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,614.92	326.57
40 05 19 00-1664	EA		18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,843.48	337.39
40 05 19 00-1665	EA		18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,100.49	369.07
40 05 19 00-1666	EA		20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,590.15	332.16
40 05 19 00-1667	EA		20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,769.04	342.60
40 05 19 00-1668	EA		20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,455.97	366.46
40 05 19 00-1669	EA		20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,587.02	378.76
40 05 19 00-1670	EA		20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,967.57	389.57
40 05 19 00-1671	EA		20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,865.17	421.27
40 05 19 00-1672	EA		20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,112.33	454.81
40 05 19 00-1673	EA		24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,682.83	365.72
40 05 19 00-1674	EA		24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,863.31	376.15
40 05 19 00-1675	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,159.14	400.01
40 05 19 00-1676	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,374.12	412.32
40 05 19 00-1677	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,781.59	423.12
40 05 19 00-1678	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,154.19	454.81
40 05 19 00-1679	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,269.94	488.36
40 05 19 00-1680	EA		24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,554.67	482.97
40 05 19 00-1681	EA		30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,630.71	505.52
40 05 19 00-1682	EA		30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,066.67	516.32
40 05 19 00-1683	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,979.19	548.01
40 05 19 00-1684	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,296.72	581.56
40 05 19 00-1685	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,764.41	633.76
40 05 19 00-1686	EA		30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,369.42	667.31
40 05 19 00-1687	EA		36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,188.07	555.84
40 05 19 00-1688	EA		36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	11,959.50	566.65

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1689	EA	36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,672.06	598.35
40 05 19 00-1690	EA	36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,686.94	631.89
40 05 19 00-1691	EA	36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,105.77	684.08
40 05 19 00-1692	EA	36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,209.53	717.64
40 05 19 00-1693	EA	36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,075.92	810.84
40 05 19 00-1694	EA	42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,391.10	628.16
40 05 19 00-1695	EA	42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	13,774.33	659.85
40 05 19 00-1696	EA	42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,627.49	693.40
40 05 19 00-1697	EA	42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,305.99	745.60
40 05 19 00-1698	EA	42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	15,929.53	779.15
40 05 19 00-1699	EA	42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	18,787.78	872.35
40 05 19 00-1700	EA	42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	26,647.83	922.68
40 05 19 00-1701	EA	48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	25,497.67	900.31
40 05 19 00-1702	EA	48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	27,724.18	993.51
40 05 19 00-1703	EA	48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	28,528.77	1,043.83
40 05 19 00-1704	EA	48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	36,568.86	1,105.35
40 05 19 00-1705 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius				
90 Degree Elbows <small>(40 05 19 00-0001)</small>				
40 05 19 00-1706	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	490.41	123.03
40 05 19 00-1707	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	768.80	157.32
40 05 19 00-1708	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,148.76	178.19
40 05 19 00-1709	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,643.81	225.92
40 05 19 00-1710	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,347.69	250.52
40 05 19 00-1711	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,744.63	272.15
40 05 19 00-1712	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,567.41	335.52
40 05 19 00-1713	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,424.34	402.63
40 05 19 00-1714	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	6,048.70	507.00
40 05 19 00-1715	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	8,951.33	574.11
40 05 19 00-1716	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,852.20	760.51
40 05 19 00-1717	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	24,244.51	861.16
40 05 19 00-1718	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	37,727.97	984.19
40 05 19 00-1719 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree				
Elbows With Base <small>(40 05 19 00-0001)</small>				
40 05 19 00-1720	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	520.49	123.03
40 05 19 00-1721	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	710.21	157.32
40 05 19 00-1722	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,189.93	178.19
40 05 19 00-1723	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,613.73	225.92
40 05 19 00-1724	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,187.77	250.52
40 05 19 00-1725	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	2,592.63	272.15
40 05 19 00-1726	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	3,203.24	335.52
40 05 19 00-1727	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	4,031.67	402.63
40 05 19 00-1728	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	5,329.85	507.00
40 05 19 00-1729	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	7,583.31	574.11
40 05 19 00-1730	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	12,500.23	760.51
40 05 19 00-1731	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	17,960.15	861.16
40 05 19 00-1732	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	33,592.23	984.19
40 05 19 00-1733	EA	48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	36,166.84	1,207.87
40 05 19 00-1734 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees <small>(40 05 19 00-0001)</small>				
40 05 19 00-1735	EA	4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	695.20	197.59
40 05 19 00-1736	EA	6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	862.29	243.06
40 05 19 00-1737	EA	8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,236.13	271.39
40 05 19 00-1738	EA	10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	1,788.36	352.67
40 05 19 00-1739	EA	12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	2,406.95	384.73
40 05 19 00-1740	EA	14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,260.11	413.80
40 05 19 00-1741	EA	16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	3,674.09	521.92
40 05 19 00-1742	EA	18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	4,494.81	596.48
40 05 19 00-1743	EA	20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	5,669.40	753.05
40 05 19 00-1744	EA	24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	8,451.23	831.34
40 05 19 00-1745	EA	30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	14,481.02	1,148.22
40 05 19 00-1746	EA	36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	20,997.40	1,315.98
40 05 19 00-1747	EA	42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee	43,866.19	1,521.02
40 05 19 00-1748 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tees <small>(40 05 19 00-0001)</small>				
40 05 19 00-1749	EA	6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	880.65	220.70
40 05 19 00-1750	EA	8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,107.52	225.17
40 05 19 00-1751	EA	8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,096.61	253.51
40 05 19 00-1752	EA	10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,477.75	249.03
40 05 19 00-1753	EA	10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,447.84	277.36
40 05 19 00-1754	EA	10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,525.63	295.26
40 05 19 00-1755	EA	12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,892.81	261.70
40 05 19 00-1756	EA	12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,877.14	290.03
40 05 19 00-1757	EA	12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	1,981.84	307.93
40 05 19 00-1758	EA	12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,361.75	365.35
40 05 19 00-1759	EA	14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee	2,798.46	272.15

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1760	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,725.81	300.48
40 05 19 00-1761	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,844.75	318.36
40 05 19 00-1762	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,990.32	375.78
40 05 19 00-1763	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,172.26	395.54
40 05 19 00-1764	EA		16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,403.82	303.83
40 05 19 00-1765	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,117.41	332.16
40 05 19 00-1766	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,059.02	350.06
40 05 19 00-1767	EA		16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,590.93	407.47
40 05 19 00-1768	EA		16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,473.61	427.23
40 05 19 00-1769	EA		16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,884.46	445.49
40 05 19 00-1770	EA		18" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,175.09	337.39
40 05 19 00-1771	EA		18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,106.49	365.72
40 05 19 00-1772	EA		18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,762.20	383.61
40 05 19 00-1773	EA		18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,755.76	441.02
40 05 19 00-1774	EA		18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,094.46	460.78
40 05 19 00-1775	EA		18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,478.39	479.04
40 05 19 00-1776	EA		18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,776.27	555.47
40 05 19 00-1777	EA		20" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	9,355.74	389.57
40 05 19 00-1778	EA		20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,610.59	417.91
40 05 19 00-1779	EA		20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,702.63	435.80
40 05 19 00-1780	EA		20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,887.79	493.21
40 05 19 00-1781	EA		20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,079.22	512.97
40 05 19 00-1782	EA		20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,140.14	531.24
40 05 19 00-1783	EA		20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,201.20	607.66
40 05 19 00-1784	EA		20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,328.25	648.67
40 05 19 00-1785	EA		24" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,149.61	423.12
40 05 19 00-1786	EA		24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,280.52	451.46
40 05 19 00-1787	EA		24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,521.39	469.35
40 05 19 00-1788	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,727.13	526.77
40 05 19 00-1789	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,434.75	546.52
40 05 19 00-1790	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,592.26	564.79
40 05 19 00-1791	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,793.55	641.21
40 05 19 00-1792	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,985.30	682.22
40 05 19 00-1793	EA		24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	9,285.78	729.02
40 05 19 00-1794	EA		30" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,987.24	544.65
40 05 19 00-1795	EA		30" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,047.61	562.55
40 05 19 00-1796	EA		30" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,345.17	619.97
40 05 19 00-1797	EA		30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,375.12	639.72
40 05 19 00-1798	EA		30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,402.79	657.99
40 05 19 00-1799	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,623.08	734.41
40 05 19 00-1800	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,754.89	775.42
40 05 19 00-1801	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	12,085.63	879.80
40 05 19 00-1802	EA		30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,541.81	924.54
40 05 19 00-1803	EA		36" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,146.33	779.52
40 05 19 00-1804	EA		36" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,217.56	793.69
40 05 19 00-1805	EA		36" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,313.97	834.33
40 05 19 00-1806	EA		36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,442.76	850.36
40 05 19 00-1807	EA		36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,499.61	864.89
40 05 19 00-1808	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,651.18	918.95
40 05 19 00-1809	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	16,742.50	956.23
40 05 19 00-1810	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	17,000.46	1,034.52
40 05 19 00-1811	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	17,374.86	1,073.66
40 05 19 00-1812	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	22,814.67	1,232.10
40 05 19 00-1813	EA		42" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	27,345.17	674.39
40 05 19 00-1814	EA		42" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	24,683.44	731.81
40 05 19 00-1815	EA		42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	24,713.38	751.56
40 05 19 00-1816	EA		42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	24,777.47	769.83
40 05 19 00-1817	EA		42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	24,967.68	846.25
40 05 19 00-1818	EA		42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	25,216.66	887.26
40 05 19 00-1819	EA		42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	25,374.81	991.64
40 05 19 00-1820	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	25,740.27	1,036.38
40 05 19 00-1821	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	32,632.70	1,260.06
40 05 19 00-1822	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	42,009.95	1,377.49
40 05 19 00-1823	EA		48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	33,462.93	872.72
40 05 19 00-1824	EA		48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	33,490.61	890.99
40 05 19 00-1825	EA		48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	33,717.24	967.41
40 05 19 00-1826	EA		48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	33,779.37	1,008.42
40 05 19 00-1827	EA		48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	34,084.78	1,112.80
40 05 19 00-1828	EA		48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	34,413.82	1,157.54
40 05 19 00-1829	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Reducing Tee.....	35,275.24	1,381.22

40 05 19 00-1830 Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tees With Base
(40 05 19 00-0001)

40 05 19 00-1831	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	755.37	197.59
40 05 19 00-1832	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,034.87	243.06
40 05 19 00-1833	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	1,533.80	271.39
40 05 19 00-1834	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	2,350.45	352.67
40 05 19 00-1835	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,185.96	384.73
40 05 19 00-1836	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	3,584.11	413.80
40 05 19 00-1837	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	4,421.43	521.92
40 05 19 00-1838	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base	5,383.08	596.48

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1839	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	7,202.09	753.05
40 05 19 00-1840	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	10,449.43	831.34
40 05 19 00-1841	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	17,592.32	1,148.22
40 05 19 00-1842	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Tee With Base.....	25,175.88	1,315.98
40 05 19 00-1843			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wyes (40 05 19 00-0001)		
40 05 19 00-1844	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	603.37	197.59
40 05 19 00-1845	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	854.37	243.06
40 05 19 00-1846	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,259.88	271.39
40 05 19 00-1847	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	1,656.94	352.67
40 05 19 00-1848	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	2,399.03	384.73
40 05 19 00-1849	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Wye.....	3,139.77	413.80
40 05 19 00-1850			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Crosses (40 05 19 00-0001)		
40 05 19 00-1851	EA		4" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	828.76	272.15
40 05 19 00-1852	EA		6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,113.38	294.88
40 05 19 00-1853	EA		6" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,174.28	328.81
40 05 19 00-1854	EA		8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,393.06	299.72
40 05 19 00-1855	EA		8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,514.69	339.24
40 05 19 00-1856	EA		8" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,564.19	364.59
40 05 19 00-1857	EA		10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	1,821.90	323.59
40 05 19 00-1858	EA		10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,003.68	363.11
40 05 19 00-1859	EA		10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,194.10	388.46
40 05 19 00-1860	EA		10" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,724.59	479.42
40 05 19 00-1861	EA		12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,385.21	335.89
40 05 19 00-1862	EA		12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,505.25	375.41
40 05 19 00-1863	EA		12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	2,697.25	400.76
40 05 19 00-1864	EA		12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,257.82	491.72
40 05 19 00-1865	EA		12" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,050.46	518.93
40 05 19 00-1866	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,006.14	386.22
40 05 19 00-1867	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,196.55	411.57
40 05 19 00-1868	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,546.54	502.53
40 05 19 00-1869	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,861.69	529.75
40 05 19 00-1870	EA		14" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,051.09	555.47
40 05 19 00-1871	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,600.41	417.91
40 05 19 00-1872	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,819.32	443.26
40 05 19 00-1873	EA		16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,169.32	534.22
40 05 19 00-1874	EA		16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,514.56	561.44
40 05 19 00-1875	EA		16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,356.97	587.16
40 05 19 00-1876	EA		16" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,099.69	708.32
40 05 19 00-1877	EA		18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,743.08	451.46
40 05 19 00-1878	EA		18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	3,960.41	476.81
40 05 19 00-1879	EA		18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,250.23	567.77
40 05 19 00-1880	EA		18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,593.89	594.99
40 05 19 00-1881	EA		18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,297.88	620.71
40 05 19 00-1882	EA		18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,755.37	741.87
40 05 19 00-1883	EA		18" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,010.89	790.33
40 05 19 00-1884	EA		20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	4,903.60	503.65
40 05 19 00-1885	EA		20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,136.76	529.00
40 05 19 00-1886	EA		20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,404.41	619.97
40 05 19 00-1887	EA		20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,771.83	647.17
40 05 19 00-1888	EA		20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	5,875.71	672.90
40 05 19 00-1889	EA		20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,167.64	794.06
40 05 19 00-1890	EA		20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,435.82	842.52
40 05 19 00-1891	EA		20" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	8,130.64	999.10
40 05 19 00-1892	EA		24" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,518.79	537.20
40 05 19 00-1893	EA		24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	6,685.45	562.55
40 05 19 00-1894	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,051.28	653.51
40 05 19 00-1895	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,288.85	680.73
40 05 19 00-1896	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,426.00	706.45
40 05 19 00-1897	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	7,837.57	827.61
40 05 19 00-1898	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	10,225.86	876.08
40 05 19 00-1899	EA		24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	10,797.02	975.06
40 05 19 00-1900	EA		24" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	11,882.61	1,088.57
40 05 19 00-1901	EA		30" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	12,102.56	773.93
40 05 19 00-1902	EA		30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	12,176.36	799.65
40 05 19 00-1903	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	12,603.78	920.81
40 05 19 00-1904	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	12,746.87	969.28
40 05 19 00-1905	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	13,368.86	1,125.85
40 05 19 00-1906	EA		30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	17,468.99	1,181.77
40 05 19 00-1907	EA		30" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	19,783.70	1,535.93
40 05 19 00-1908	EA		36" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	17,132.19	984.56
40 05 19 00-1909	EA		36" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	17,165.51	1,006.56
40 05 19 00-1910	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	17,527.37	1,105.35
40 05 19 00-1911	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	17,663.23	1,150.08
40 05 19 00-1912	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	18,176.02	1,280.56
40 05 19 00-1913	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	18,811.20	1,330.89
40 05 19 00-1914	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	25,496.89	1,619.81
40 05 19 00-1915	EA		36" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	27,959.78	1,770.79
40 05 19 00-1916	EA		42" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross.....	25,475.64	885.77

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1917	EA		42" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,514.62	911.49
40 05 19 00-1918	EA		42" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	25,921.46	1,032.65
40 05 19 00-1919	EA		42" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,031.29	1,081.11
40 05 19 00-1920	EA		42" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	26,604.21	1,237.69
40 05 19 00-1921	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	27,247.86	1,293.61
40 05 19 00-1922	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,082.17	1,647.77
40 05 19 00-1923	EA		42" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	48,620.83	1,832.31
40 05 19 00-1924	EA		48" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,815.92	2,057.85
40 05 19 00-1925	EA		48" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,224.60	1,032.65
40 05 19 00-1926	EA		48" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,633.00	1,153.81
40 05 19 00-1927	EA		48" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	34,742.84	1,202.27
40 05 19 00-1928	EA		48" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,277.76	1,358.85
40 05 19 00-1929	EA		48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	35,921.41	1,414.77
40 05 19 00-1930	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Cross	37,463.45	1,768.93

40 05 19 00-1931 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducers (40 05 19 00-0001)

40 05 19 00-1932	EA		6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	443.55	140.17
40 05 19 00-1933	EA		8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	574.95	150.61
40 05 19 00-1934	EA		8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	632.60	167.76
40 05 19 00-1935	EA		10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	782.11	174.47
40 05 19 00-1936	EA		10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	784.34	191.62
40 05 19 00-1937	EA		10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	923.66	202.06
40 05 19 00-1938	EA		12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,010.31	187.14
40 05 19 00-1939	EA		12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,041.05	204.30
40 05 19 00-1940	EA		12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,143.95	214.73
40 05 19 00-1941	EA		12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,287.77	238.59
40 05 19 00-1942	EA		14" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,607.90	204.30
40 05 19 00-1943	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,264.28	214.73
40 05 19 00-1944	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,402.02	225.17
40 05 19 00-1945	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,541.08	249.03
40 05 19 00-1946	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,492.22	261.70
40 05 19 00-1947	EA		16" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,906.99	229.27
40 05 19 00-1948	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,526.05	246.42
40 05 19 00-1949	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,434.20	256.86
40 05 19 00-1950	EA		16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,600.18	280.71
40 05 19 00-1951	EA		16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,000.41	293.02
40 05 19 00-1952	EA		16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,156.13	303.83
40 05 19 00-1953	EA		18" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,416.07	279.97
40 05 19 00-1954	EA		18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,893.54	290.40
40 05 19 00-1955	EA		18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,081.69	314.27
40 05 19 00-1956	EA		18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,063.91	326.57
40 05 19 00-1957	EA		18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,387.47	337.39
40 05 19 00-1958	EA		18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,373.73	369.07
40 05 19 00-1959	EA		20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,458.73	332.16
40 05 19 00-1960	EA		20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,377.95	342.60
40 05 19 00-1961	EA		20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,577.20	366.46
40 05 19 00-1962	EA		20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,505.59	378.76
40 05 19 00-1963	EA		20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,906.72	389.57
40 05 19 00-1964	EA		20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,710.90	421.27
40 05 19 00-1965	EA		20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,363.41	454.81
40 05 19 00-1966	EA		24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,242.63	376.15
40 05 19 00-1967	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,669.88	400.01
40 05 19 00-1968	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,952.94	412.32
40 05 19 00-1969	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,057.99	423.12
40 05 19 00-1970	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,566.08	454.81
40 05 19 00-1971	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,324.68	488.36
40 05 19 00-1972	EA		24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,577.74	482.97
40 05 19 00-1973	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,277.08	548.01
40 05 19 00-1974	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,538.51	581.56
40 05 19 00-1975	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,037.18	633.76
40 05 19 00-1976	EA		30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,786.28	667.31
40 05 19 00-1977	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,623.88	598.35
40 05 19 00-1978	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,057.88	631.89
40 05 19 00-1979	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	9,626.23	684.08
40 05 19 00-1980	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	10,481.40	717.64
40 05 19 00-1981	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,088.81	810.84
40 05 19 00-1982	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	14,737.26	779.15
40 05 19 00-1983	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,664.50	872.35
40 05 19 00-1984	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,864.03	922.68
40 05 19 00-1985	EA		48" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,755.73	900.31
40 05 19 00-1986	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,056.65	993.51
40 05 19 00-1987	EA		48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	23,553.86	1,043.83
40 05 19 00-1988	EA		48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Concentric Reducer	26,403.69	1,105.35

40 05 19 00-1989 Flanged End x Flanged End, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducers (40 05 19 00-0001)

40 05 19 00-1990	EA		6" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	486.30	140.17
40 05 19 00-1991	EA		8" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	624.03	150.61
40 05 19 00-1992	EA		8" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer	710.19	167.76

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-1993	EA		10" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	782.11	174.47
40 05 19 00-1994	EA		10" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	836.59	191.62
40 05 19 00-1995	EA		10" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	972.74	202.06
40 05 19 00-1996	EA		12" x 4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,010.31	187.14
40 05 19 00-1997	EA		12" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,098.05	204.30
40 05 19 00-1998	EA		12" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,204.11	214.73
40 05 19 00-1999	EA		12" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,392.27	238.59
40 05 19 00-2000	EA		14" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,264.28	214.73
40 05 19 00-2001	EA		14" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,371.94	225.17
40 05 19 00-2002	EA		14" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,530.00	249.03
40 05 19 00-2003	EA		14" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,759.80	261.70
40 05 19 00-2004	EA		16" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,526.05	246.42
40 05 19 00-2005	EA		16" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,660.62	256.86
40 05 19 00-2006	EA		16" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,848.77	280.71
40 05 19 00-2007	EA		16" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,049.50	293.02
40 05 19 00-2008	EA		16" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,156.13	303.83
40 05 19 00-2009	EA		18" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	1,893.54	290.40
40 05 19 00-2010	EA		18" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,081.69	314.27
40 05 19 00-2011	EA		18" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,282.41	326.57
40 05 19 00-2012	EA		18" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,387.47	337.39
40 05 19 00-2013	EA		18" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,617.57	369.07
40 05 19 00-2014	EA		20" x 6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,797.57	332.16
40 05 19 00-2015	EA		20" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,541.04	342.60
40 05 19 00-2016	EA		20" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,577.20	366.46
40 05 19 00-2017	EA		20" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,823.84	378.76
40 05 19 00-2018	EA		20" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	2,906.72	389.57
40 05 19 00-2019	EA		20" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,179.57	421.27
40 05 19 00-2020	EA		20" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,361.82	454.81
40 05 19 00-2021	EA		24" x 8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,568.80	376.15
40 05 19 00-2022	EA		24" x 10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,669.88	400.01
40 05 19 00-2023	EA		24" x 12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,753.44	412.32
40 05 19 00-2024	EA		24" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	3,834.74	423.12
40 05 19 00-2025	EA		24" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,112.33	454.81
40 05 19 00-2026	EA		24" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,324.68	488.36
40 05 19 00-2027	EA		24" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	4,577.74	482.97
40 05 19 00-2028	EA		30" x 14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,557.51	516.32
40 05 19 00-2029	EA		30" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,360.10	548.01
40 05 19 00-2030	EA		30" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	6,573.34	581.56
40 05 19 00-2031	EA		30" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,037.18	633.76
40 05 19 00-2032	EA		30" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	7,786.28	667.31
40 05 19 00-2033	EA		36" x 16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	8,693.54	598.35
40 05 19 00-2034	EA		36" x 18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	9,057.88	631.89
40 05 19 00-2035	EA		36" x 20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	9,591.39	684.08
40 05 19 00-2036	EA		36" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	10,443.40	717.64
40 05 19 00-2037	EA		36" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	12,053.97	810.84
40 05 19 00-2038	EA		42" x 24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	14,737.26	779.15
40 05 19 00-2039	EA		42" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	12,389.43	872.35
40 05 19 00-2040	EA		42" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	18,864.03	922.68
40 05 19 00-2041	EA		48" x 30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	21,056.65	993.51
40 05 19 00-2042	EA		48" x 36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	23,553.86	1,043.83
40 05 19 00-2043	EA		48" x 42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Eccentric Reducer.....	26,403.69	1,105.35
40 05 19 00-2044			Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flanges ^(40 05 19 00-0001)		
40 05 19 00-2045	EA		4" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	173.18	48.47
40 05 19 00-2046	EA		6" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	260.45	71.58
40 05 19 00-2047	EA		8" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	383.70	84.99
40 05 19 00-2048	EA		10" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	533.42	99.17
40 05 19 00-2049	EA		12" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	692.41	116.31
40 05 19 00-2050	EA		14" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	922.88	130.48
40 05 19 00-2051	EA		16" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,104.70	149.12
40 05 19 00-2052	EA		18" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,494.34	208.77
40 05 19 00-2053	EA		20" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,989.83	260.96
40 05 19 00-2054	EA		24" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	2,851.99	316.88
40 05 19 00-2055	EA		30" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	4,045.76	369.07
40 05 19 00-2056	EA		36" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	7,306.96	406.35
40 05 19 00-2057	EA		42" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	10,342.64	447.36
40 05 19 00-2058	EA		48" Flanged, Cement Lined, Bituminous Seal Coat, Ductile Iron Blind Flange.....	13,697.02	503.28
40 05 19 00-2059			Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Piping ^(40 05 19)		
			Note: 350 PSI rating for 2" - 24" sizes, 250 PSI rating for 30" - 48" sizes. Pipe barrels conform to ANSI/AWWA C151/A21.51. The bolt holes are aligned per ANSI/AWWA C115/A21.15. Flanged fittings conform to ANSI/AWWA C110/A21.10. Interiors shall be ceramic epoxy. Exterior shall be bituminous coating, in accordance with ANSI/AWWA C104/A21.04. See CSI section 40 05 19 00-4062 for bolts, 40 05 19 00-4077 for gaskets.		
40 05 19 00-2060			Flanged End (FxF), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-2059)		
40 05 19 00-2061			4" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe ^(40 05 19 00-2060)		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2062 EA 4" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,005.52	213.24
For Class 52 Rating, Deduct	-75.07	
For Class 54 Rating, Add	106.24	
For Class 55 Rating, Add	159.94	
For Class 56 Rating, Add	212.95	
40 05 19 00-2063 EA 4" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,108.30	216.97
For Class 52 Rating, Deduct	-85.75	
For Class 54 Rating, Add	120.88	
For Class 55 Rating, Add	181.73	
For Class 56 Rating, Add	241.80	
40 05 19 00-2064 EA 4" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,211.07	220.70
For Class 52 Rating, Deduct	-96.43	
For Class 54 Rating, Add	135.51	
For Class 55 Rating, Add	203.53	
For Class 56 Rating, Add	270.66	
40 05 19 00-2065 EA 4" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,313.84	224.42
For Class 52 Rating, Deduct	-107.12	
For Class 54 Rating, Add	150.15	
For Class 55 Rating, Add	225.32	
For Class 56 Rating, Add	299.52	
40 05 19 00-2066 EA 4" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,416.61	228.15
For Class 52 Rating, Deduct	-117.80	
For Class 54 Rating, Add	164.79	
For Class 55 Rating, Add	247.11	
For Class 56 Rating, Add	328.37	
40 05 19 00-2067 EA 4" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,519.39	231.88
For Class 52 Rating, Deduct	-128.49	
For Class 54 Rating, Add	179.42	
For Class 55 Rating, Add	268.91	
For Class 56 Rating, Add	357.23	
40 05 19 00-2068 EA 4" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,622.16	235.61
For Class 52 Rating, Deduct	-139.17	
For Class 54 Rating, Add	194.06	
For Class 55 Rating, Add	290.70	
For Class 56 Rating, Add	386.08	
40 05 19 00-2069 EA 4" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,724.94	239.34
For Class 52 Rating, Deduct	-149.85	
For Class 54 Rating, Add	208.70	
For Class 55 Rating, Add	312.50	
For Class 56 Rating, Add	414.94	
40 05 19 00-2070 EA 4" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,827.71	243.06
For Class 52 Rating, Deduct	-160.54	
For Class 54 Rating, Add	223.33	
For Class 55 Rating, Add	334.29	
For Class 56 Rating, Add	443.79	
40 05 19 00-2071 EA 4" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,930.48	246.79
For Class 52 Rating, Deduct	-171.22	
For Class 54 Rating, Add	237.97	
For Class 55 Rating, Add	356.09	
For Class 56 Rating, Add	472.65	
40 05 19 00-2072 EA 4" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,033.25	250.52
For Class 52 Rating, Deduct	-181.90	
For Class 54 Rating, Add	252.61	
For Class 55 Rating, Add	377.88	
For Class 56 Rating, Add	501.50	
40 05 19 00-2073 EA 4" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,136.03	254.25
For Class 52 Rating, Deduct	-192.59	
For Class 54 Rating, Add	267.24	
For Class 55 Rating, Add	399.68	
For Class 56 Rating, Add	530.36	
40 05 19 00-2074 EA 4" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,238.81	257.98
For Class 52 Rating, Deduct	-203.27	
For Class 54 Rating, Add	281.88	
For Class 55 Rating, Add	421.47	
For Class 56 Rating, Add	559.21	
40 05 19 00-2075 EA 4" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,341.59	261.70
For Class 52 Rating, Deduct	-213.96	
For Class 54 Rating, Add	296.52	
For Class 55 Rating, Add	443.27	
For Class 56 Rating, Add	588.07	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2076	EA		4" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,444.35	265.43
			<i>For Class 52 Rating, Deduct</i>	-224.64	
			<i>For Class 54 Rating, Add</i>	311.15	
			<i>For Class 55 Rating, Add</i>	465.06	
			<i>For Class 56 Rating, Add</i>	616.92	
40 05 19 00-2077	EA		4" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,547.12	269.16
			<i>For Class 52 Rating, Deduct</i>	-235.32	
			<i>For Class 54 Rating, Add</i>	325.79	
			<i>For Class 55 Rating, Add</i>	486.85	
			<i>For Class 56 Rating, Add</i>	645.78	
40 05 19 00-2078	EA		4" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,649.90	272.89
			<i>For Class 52 Rating, Deduct</i>	-246.01	
			<i>For Class 54 Rating, Add</i>	340.43	
			<i>For Class 55 Rating, Add</i>	508.65	
			<i>For Class 56 Rating, Add</i>	674.63	
40 05 19 00-2079	EA		4" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,752.68	276.62
			<i>For Class 52 Rating, Deduct</i>	-256.69	
			<i>For Class 54 Rating, Add</i>	355.06	
			<i>For Class 55 Rating, Add</i>	530.44	
			<i>For Class 56 Rating, Add</i>	703.49	
40 05 19 00-2080	EA		4" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,855.45	280.34
			<i>For Class 52 Rating, Deduct</i>	-267.37	
			<i>For Class 54 Rating, Add</i>	369.70	
			<i>For Class 55 Rating, Add</i>	552.24	
			<i>For Class 56 Rating, Add</i>	732.34	
40 05 19 00-2081	EA		4" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,958.22	284.07
			<i>For Class 52 Rating, Deduct</i>	-278.06	
			<i>For Class 54 Rating, Add</i>	384.34	
			<i>For Class 55 Rating, Add</i>	574.03	
			<i>For Class 56 Rating, Add</i>	761.20	
40 05 19 00-2082	EA		4" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,060.99	287.80
			<i>For Class 52 Rating, Deduct</i>	-288.74	
			<i>For Class 54 Rating, Add</i>	398.97	
			<i>For Class 55 Rating, Add</i>	595.82	
			<i>For Class 56 Rating, Add</i>	790.05	
40 05 19 00-2083	EA		4" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,163.76	291.53
			<i>For Class 52 Rating, Deduct</i>	-299.43	
			<i>For Class 54 Rating, Add</i>	413.61	
			<i>For Class 55 Rating, Add</i>	617.62	
			<i>For Class 56 Rating, Add</i>	818.91	
40 05 19 00-2084	EA		4" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,266.54	295.26
			<i>For Class 52 Rating, Deduct</i>	-310.11	
			<i>For Class 54 Rating, Add</i>	428.25	
			<i>For Class 55 Rating, Add</i>	639.41	
			<i>For Class 56 Rating, Add</i>	847.76	
40 05 19 00-2085	EA		4" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,369.31	298.98
			<i>For Class 52 Rating, Deduct</i>	-320.79	
			<i>For Class 54 Rating, Add</i>	442.88	
			<i>For Class 55 Rating, Add</i>	661.21	
			<i>For Class 56 Rating, Add</i>	876.62	
40 05 19 00-2086	EA		4" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,472.09	302.71
			<i>For Class 52 Rating, Deduct</i>	-331.48	
			<i>For Class 54 Rating, Add</i>	457.52	
			<i>For Class 55 Rating, Add</i>	683.00	
			<i>For Class 56 Rating, Add</i>	905.47	
40 05 19 00-2087	EA		4" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,574.85	306.44
			<i>For Class 52 Rating, Deduct</i>	-342.16	
			<i>For Class 54 Rating, Add</i>	472.15	
			<i>For Class 55 Rating, Add</i>	704.80	
			<i>For Class 56 Rating, Add</i>	934.33	
40 05 19 00-2088	EA		4" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,677.63	310.17
			<i>For Class 52 Rating, Deduct</i>	-352.84	
			<i>For Class 54 Rating, Add</i>	486.79	
			<i>For Class 55 Rating, Add</i>	726.59	
			<i>For Class 56 Rating, Add</i>	963.18	
40 05 19 00-2089	EA		4" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,780.40	313.90
			<i>For Class 52 Rating, Deduct</i>	-363.53	
			<i>For Class 54 Rating, Add</i>	501.43	
			<i>For Class 55 Rating, Add</i>	748.38	
			<i>For Class 56 Rating, Add</i>	992.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2090 EA 4" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,883.18	317.62
For Class 52 Rating, Deduct	-374.21	
For Class 54 Rating, Add	516.06	
For Class 55 Rating, Add	770.18	
For Class 56 Rating, Add	1,020.89	
40 05 19 00-2091 EA 4" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,985.95	321.35
For Class 52 Rating, Deduct	-384.90	
For Class 54 Rating, Add	530.70	
For Class 55 Rating, Add	791.97	
For Class 56 Rating, Add	1,049.75	
40 05 19 00-2092 EA 4" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,088.73	325.08
For Class 52 Rating, Deduct	-395.58	
For Class 54 Rating, Add	545.34	
For Class 55 Rating, Add	813.77	
For Class 56 Rating, Add	1,078.60	
40 05 19 00-2093 EA 4" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,191.49	328.81
For Class 52 Rating, Deduct	-406.26	
For Class 54 Rating, Add	559.97	
For Class 55 Rating, Add	835.56	
For Class 56 Rating, Add	1,107.46	
40 05 19 00-2094 EA 4" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,294.27	332.54
For Class 52 Rating, Deduct	-416.95	
For Class 54 Rating, Add	574.61	
For Class 55 Rating, Add	857.36	
For Class 56 Rating, Add	1,136.32	
40 05 19 00-2095 EA 4" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,397.04	336.26
For Class 52 Rating, Deduct	-427.63	
For Class 54 Rating, Add	589.25	
For Class 55 Rating, Add	879.15	
For Class 56 Rating, Add	1,165.17	
40 05 19 00-2096 EA 4" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,499.82	339.99
For Class 52 Rating, Deduct	-438.31	
For Class 54 Rating, Add	603.88	
For Class 55 Rating, Add	900.95	
For Class 56 Rating, Add	1,194.03	
40 05 19 00-2097 EA 4" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,602.59	343.72
For Class 52 Rating, Deduct	-449.00	
For Class 54 Rating, Add	618.52	
For Class 55 Rating, Add	922.74	
For Class 56 Rating, Add	1,222.88	
40 05 19 00-2098 EA 4" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,705.36	347.45
For Class 52 Rating, Deduct	-459.68	
For Class 54 Rating, Add	633.16	
For Class 55 Rating, Add	944.54	
For Class 56 Rating, Add	1,251.74	
40 05 19 00-2099 EA 4" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,808.13	351.18
For Class 52 Rating, Deduct	-470.37	
For Class 54 Rating, Add	647.79	
For Class 55 Rating, Add	966.33	
For Class 56 Rating, Add	1,280.59	
40 05 19 00-2100 EA 4" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,910.91	354.90
For Class 52 Rating, Deduct	-481.05	
For Class 54 Rating, Add	662.43	
For Class 55 Rating, Add	988.12	
For Class 56 Rating, Add	1,309.45	
40 05 19 00-2101 6" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2102 EA 6" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,257.81	268.41
For Class 52 Rating, Deduct	-93.62	
For Class 54 Rating, Add	132.55	
For Class 55 Rating, Add	199.56	
For Class 56 Rating, Add	265.72	
40 05 19 00-2103 EA 6" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	1,375.92	272.15
For Class 52 Rating, Deduct	-105.99	
For Class 54 Rating, Add	149.49	
For Class 55 Rating, Add	224.77	
For Class 56 Rating, Add	299.10	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2104	EA		6" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,494.03	275.87
			<i>For Class 52 Rating, Deduct</i>	-118.36	
			<i>For Class 54 Rating, Add</i>	166.42	
			<i>For Class 55 Rating, Add</i>	249.99	
			<i>For Class 56 Rating, Add</i>	332.48	
40 05 19 00-2105	EA		6" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,612.13	279.60
			<i>For Class 52 Rating, Deduct</i>	-130.74	
			<i>For Class 54 Rating, Add</i>	183.36	
			<i>For Class 55 Rating, Add</i>	275.20	
			<i>For Class 56 Rating, Add</i>	365.86	
40 05 19 00-2106	EA		6" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,730.24	283.32
			<i>For Class 52 Rating, Deduct</i>	-143.11	
			<i>For Class 54 Rating, Add</i>	200.30	
			<i>For Class 55 Rating, Add</i>	300.42	
			<i>For Class 56 Rating, Add</i>	399.24	
40 05 19 00-2107	EA		6" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,848.35	287.05
			<i>For Class 52 Rating, Deduct</i>	-155.48	
			<i>For Class 54 Rating, Add</i>	217.23	
			<i>For Class 55 Rating, Add</i>	325.63	
			<i>For Class 56 Rating, Add</i>	432.62	
40 05 19 00-2108	EA		6" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,966.46	290.79
			<i>For Class 52 Rating, Deduct</i>	-167.85	
			<i>For Class 54 Rating, Add</i>	234.17	
			<i>For Class 55 Rating, Add</i>	350.85	
			<i>For Class 56 Rating, Add</i>	466.00	
40 05 19 00-2109	EA		6" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,084.57	294.51
			<i>For Class 52 Rating, Deduct</i>	-180.22	
			<i>For Class 54 Rating, Add</i>	251.11	
			<i>For Class 55 Rating, Add</i>	376.06	
			<i>For Class 56 Rating, Add</i>	499.37	
40 05 19 00-2110	EA		6" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,202.68	298.24
			<i>For Class 52 Rating, Deduct</i>	-192.59	
			<i>For Class 54 Rating, Add</i>	268.04	
			<i>For Class 55 Rating, Add</i>	401.28	
			<i>For Class 56 Rating, Add</i>	532.76	
40 05 19 00-2111	EA		6" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,320.79	301.96
			<i>For Class 52 Rating, Deduct</i>	-204.96	
			<i>For Class 54 Rating, Add</i>	284.98	
			<i>For Class 55 Rating, Add</i>	426.49	
			<i>For Class 56 Rating, Add</i>	566.14	
40 05 19 00-2112	EA		6" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,438.90	305.69
			<i>For Class 52 Rating, Deduct</i>	-217.33	
			<i>For Class 54 Rating, Add</i>	301.92	
			<i>For Class 55 Rating, Add</i>	451.70	
			<i>For Class 56 Rating, Add</i>	599.51	
40 05 19 00-2113	EA		6" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,557.01	309.43
			<i>For Class 52 Rating, Deduct</i>	-229.70	
			<i>For Class 54 Rating, Add</i>	318.85	
			<i>For Class 55 Rating, Add</i>	476.92	
			<i>For Class 56 Rating, Add</i>	632.89	
40 05 19 00-2114	EA		6" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,675.12	313.15
			<i>For Class 52 Rating, Deduct</i>	-242.07	
			<i>For Class 54 Rating, Add</i>	335.79	
			<i>For Class 55 Rating, Add</i>	502.13	
			<i>For Class 56 Rating, Add</i>	666.27	
40 05 19 00-2115	EA		6" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,793.23	316.88
			<i>For Class 52 Rating, Deduct</i>	-254.44	
			<i>For Class 54 Rating, Add</i>	352.73	
			<i>For Class 55 Rating, Add</i>	527.35	
			<i>For Class 56 Rating, Add</i>	699.65	
40 05 19 00-2116	EA		6" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,911.33	320.60
			<i>For Class 52 Rating, Deduct</i>	-266.81	
			<i>For Class 54 Rating, Add</i>	369.66	
			<i>For Class 55 Rating, Add</i>	552.56	
			<i>For Class 56 Rating, Add</i>	733.03	
40 05 19 00-2117	EA		6" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,029.44	324.33
			<i>For Class 52 Rating, Deduct</i>	-279.18	
			<i>For Class 54 Rating, Add</i>	386.60	
			<i>For Class 55 Rating, Add</i>	577.77	
			<i>For Class 56 Rating, Add</i>	766.41	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2118 EA 6" Flanged (xF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,147.55	328.07
For Class 52 Rating, Deduct	-291.55	
For Class 54 Rating, Add	403.54	
For Class 55 Rating, Add	602.99	
For Class 56 Rating, Add	799.79	
40 05 19 00-2119 EA 6" Flanged (xF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,265.66	331.79
For Class 52 Rating, Deduct	-303.92	
For Class 54 Rating, Add	420.48	
For Class 55 Rating, Add	628.20	
For Class 56 Rating, Add	833.17	
40 05 19 00-2120 EA 6" Flanged (xF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,383.77	335.52
For Class 52 Rating, Deduct	-316.30	
For Class 54 Rating, Add	437.41	
For Class 55 Rating, Add	653.42	
For Class 56 Rating, Add	866.55	
40 05 19 00-2121 EA 6" Flanged (xF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,501.88	339.24
For Class 52 Rating, Deduct	-328.67	
For Class 54 Rating, Add	454.35	
For Class 55 Rating, Add	678.63	
For Class 56 Rating, Add	899.93	
40 05 19 00-2122 EA 6" Flanged (xF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,619.99	342.97
For Class 52 Rating, Deduct	-341.04	
For Class 54 Rating, Add	471.29	
For Class 55 Rating, Add	703.85	
For Class 56 Rating, Add	933.31	
40 05 19 00-2123 EA 6" Flanged (xF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,738.10	346.71
For Class 52 Rating, Deduct	-353.41	
For Class 54 Rating, Add	488.22	
For Class 55 Rating, Add	729.06	
For Class 56 Rating, Add	966.68	
40 05 19 00-2124 EA 6" Flanged (xF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,856.21	350.43
For Class 52 Rating, Deduct	-365.78	
For Class 54 Rating, Add	505.16	
For Class 55 Rating, Add	754.27	
For Class 56 Rating, Add	1,000.06	
40 05 19 00-2125 EA 6" Flanged (xF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,974.32	354.16
For Class 52 Rating, Deduct	-378.15	
For Class 54 Rating, Add	522.10	
For Class 55 Rating, Add	779.49	
For Class 56 Rating, Add	1,033.44	
40 05 19 00-2126 EA 6" Flanged (xF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,092.43	357.88
For Class 52 Rating, Deduct	-390.52	
For Class 54 Rating, Add	539.03	
For Class 55 Rating, Add	804.70	
For Class 56 Rating, Add	1,066.82	
40 05 19 00-2127 EA 6" Flanged (xF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,210.53	361.61
For Class 52 Rating, Deduct	-402.89	
For Class 54 Rating, Add	555.97	
For Class 55 Rating, Add	829.92	
For Class 56 Rating, Add	1,100.20	
40 05 19 00-2128 EA 6" Flanged (xF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,328.64	365.35
For Class 52 Rating, Deduct	-415.26	
For Class 54 Rating, Add	572.91	
For Class 55 Rating, Add	855.13	
For Class 56 Rating, Add	1,133.58	
40 05 19 00-2129 EA 6" Flanged (xF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,446.75	369.07
For Class 52 Rating, Deduct	-427.63	
For Class 54 Rating, Add	589.84	
For Class 55 Rating, Add	880.34	
For Class 56 Rating, Add	1,166.96	
40 05 19 00-2130 EA 6" Flanged (xF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,564.86	372.80
For Class 52 Rating, Deduct	-440.00	
For Class 54 Rating, Add	606.78	
For Class 55 Rating, Add	905.56	
For Class 56 Rating, Add	1,200.34	
40 05 19 00-2131 EA 6" Flanged (xF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,682.98	376.52
For Class 52 Rating, Deduct	-452.37	
For Class 54 Rating, Add	623.72	
For Class 55 Rating, Add	930.78	
For Class 56 Rating, Add	1,233.72	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2132	EA		6" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,801.08	380.25
			<i>For Class 52 Rating, Deduct</i>	-464.74	
			<i>For Class 54 Rating, Add</i>	640.65	
			<i>For Class 55 Rating, Add</i>	955.99	
			<i>For Class 56 Rating, Add</i>	1,267.10	
40 05 19 00-2133	EA		6" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,919.19	383.99
			<i>For Class 52 Rating, Deduct</i>	-477.11	
			<i>For Class 54 Rating, Add</i>	657.59	
			<i>For Class 55 Rating, Add</i>	981.20	
			<i>For Class 56 Rating, Add</i>	1,300.48	
40 05 19 00-2134	EA		6" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,037.30	387.71
			<i>For Class 52 Rating, Deduct</i>	-489.48	
			<i>For Class 54 Rating, Add</i>	674.53	
			<i>For Class 55 Rating, Add</i>	1,006.42	
			<i>For Class 56 Rating, Add</i>	1,333.86	
40 05 19 00-2135	EA		6" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,155.41	391.44
			<i>For Class 52 Rating, Deduct</i>	-501.86	
			<i>For Class 54 Rating, Add</i>	691.47	
			<i>For Class 55 Rating, Add</i>	1,031.63	
			<i>For Class 56 Rating, Add</i>	1,367.24	
40 05 19 00-2136	EA		6" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,273.52	395.16
			<i>For Class 52 Rating, Deduct</i>	-514.23	
			<i>For Class 54 Rating, Add</i>	708.40	
			<i>For Class 55 Rating, Add</i>	1,056.85	
			<i>For Class 56 Rating, Add</i>	1,400.61	
40 05 19 00-2137	EA		6" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,391.63	398.89
			<i>For Class 52 Rating, Deduct</i>	-526.60	
			<i>For Class 54 Rating, Add</i>	725.34	
			<i>For Class 55 Rating, Add</i>	1,082.06	
			<i>For Class 56 Rating, Add</i>	1,433.99	
40 05 19 00-2138	EA		6" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,509.73	402.63
			<i>For Class 52 Rating, Deduct</i>	-538.97	
			<i>For Class 54 Rating, Add</i>	742.28	
			<i>For Class 55 Rating, Add</i>	1,107.27	
			<i>For Class 56 Rating, Add</i>	1,467.37	
40 05 19 00-2139	EA		6" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,627.84	406.35
			<i>For Class 52 Rating, Deduct</i>	-551.34	
			<i>For Class 54 Rating, Add</i>	759.21	
			<i>For Class 55 Rating, Add</i>	1,132.49	
			<i>For Class 56 Rating, Add</i>	1,500.75	
40 05 19 00-2140	EA		6" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,745.95	410.08
			<i>For Class 52 Rating, Deduct</i>	-563.71	
			<i>For Class 54 Rating, Add</i>	776.15	
			<i>For Class 55 Rating, Add</i>	1,157.70	
			<i>For Class 56 Rating, Add</i>	1,534.13	
40 05 19 00-2141			8" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2142	EA		8" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,749.06	342.97
			<i>For Class 52 Rating, Deduct</i>	-135.23	
			<i>For Class 54 Rating, Add</i>	190.65	
			<i>For Class 55 Rating, Add</i>	286.63	
			<i>For Class 56 Rating, Add</i>	381.38	
40 05 19 00-2143	EA		8" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,900.39	346.71
			<i>For Class 52 Rating, Deduct</i>	-151.26	
			<i>For Class 54 Rating, Add</i>	212.57	
			<i>For Class 55 Rating, Add</i>	319.25	
			<i>For Class 56 Rating, Add</i>	424.56	
40 05 19 00-2144	EA		8" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,051.73	350.43
			<i>For Class 52 Rating, Deduct</i>	-167.28	
			<i>For Class 54 Rating, Add</i>	234.49	
			<i>For Class 55 Rating, Add</i>	351.87	
			<i>For Class 56 Rating, Add</i>	467.74	
40 05 19 00-2145	EA		8" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,203.07	354.16
			<i>For Class 52 Rating, Deduct</i>	-183.31	
			<i>For Class 54 Rating, Add</i>	256.41	
			<i>For Class 55 Rating, Add</i>	384.50	
			<i>For Class 56 Rating, Add</i>	510.92	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2146 EA 8" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,354.41	357.88
For Class 52 Rating, Deduct	-199.34	
For Class 54 Rating, Add	278.33	
For Class 55 Rating, Add	417.12	
For Class 56 Rating, Add	554.11	
40 05 19 00-2147 EA 8" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,505.73	361.61
For Class 52 Rating, Deduct	-215.36	
For Class 54 Rating, Add	300.25	
For Class 55 Rating, Add	449.75	
For Class 56 Rating, Add	597.28	
40 05 19 00-2148 EA 8" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,657.07	365.35
For Class 52 Rating, Deduct	-231.39	
For Class 54 Rating, Add	322.17	
For Class 55 Rating, Add	482.37	
For Class 56 Rating, Add	640.47	
40 05 19 00-2149 EA 8" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,808.41	369.07
For Class 52 Rating, Deduct	-247.41	
For Class 54 Rating, Add	344.09	
For Class 55 Rating, Add	514.99	
For Class 56 Rating, Add	683.65	
40 05 19 00-2150 EA 8" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	2,959.75	372.80
For Class 52 Rating, Deduct	-263.44	
For Class 54 Rating, Add	366.01	
For Class 55 Rating, Add	547.62	
For Class 56 Rating, Add	726.83	
40 05 19 00-2151 EA 8" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,111.08	376.52
For Class 52 Rating, Deduct	-279.46	
For Class 54 Rating, Add	387.93	
For Class 55 Rating, Add	580.24	
For Class 56 Rating, Add	770.01	
40 05 19 00-2152 EA 8" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,262.41	380.25
For Class 52 Rating, Deduct	-295.49	
For Class 54 Rating, Add	409.85	
For Class 55 Rating, Add	612.87	
For Class 56 Rating, Add	813.19	
40 05 19 00-2153 EA 8" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,413.75	383.99
For Class 52 Rating, Deduct	-311.52	
For Class 54 Rating, Add	431.78	
For Class 55 Rating, Add	645.49	
For Class 56 Rating, Add	856.37	
40 05 19 00-2154 EA 8" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,565.09	387.71
For Class 52 Rating, Deduct	-327.54	
For Class 54 Rating, Add	453.70	
For Class 55 Rating, Add	678.11	
For Class 56 Rating, Add	899.55	
40 05 19 00-2155 EA 8" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,716.42	391.44
For Class 52 Rating, Deduct	-343.57	
For Class 54 Rating, Add	475.62	
For Class 55 Rating, Add	710.74	
For Class 56 Rating, Add	942.73	
40 05 19 00-2156 EA 8" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	3,867.76	395.16
For Class 52 Rating, Deduct	-359.59	
For Class 54 Rating, Add	497.54	
For Class 55 Rating, Add	743.36	
For Class 56 Rating, Add	985.92	
40 05 19 00-2157 EA 8" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,019.10	398.89
For Class 52 Rating, Deduct	-375.62	
For Class 54 Rating, Add	519.46	
For Class 55 Rating, Add	775.99	
For Class 56 Rating, Add	1,029.10	
40 05 19 00-2158 EA 8" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,170.43	402.63
For Class 52 Rating, Deduct	-391.64	
For Class 54 Rating, Add	541.38	
For Class 55 Rating, Add	808.61	
For Class 56 Rating, Add	1,072.28	
40 05 19 00-2159 EA 8" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,321.76	406.35
For Class 52 Rating, Deduct	-407.67	
For Class 54 Rating, Add	563.30	
For Class 55 Rating, Add	841.23	
For Class 56 Rating, Add	1,115.46	

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2160	EA		8" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,473.10	410.08
			<i>For Class 52 Rating, Deduct</i>	-423.69	
			<i>For Class 54 Rating, Add</i>	585.22	
			<i>For Class 55 Rating, Add</i>	873.86	
			<i>For Class 56 Rating, Add</i>	1,158.64	
40 05 19 00-2161	EA		8" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,624.44	413.80
			<i>For Class 52 Rating, Deduct</i>	-439.72	
			<i>For Class 54 Rating, Add</i>	607.14	
			<i>For Class 55 Rating, Add</i>	906.48	
			<i>For Class 56 Rating, Add</i>	1,201.82	
40 05 19 00-2162	EA		8" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,775.78	417.53
			<i>For Class 52 Rating, Deduct</i>	-455.75	
			<i>For Class 54 Rating, Add</i>	629.06	
			<i>For Class 55 Rating, Add</i>	939.11	
			<i>For Class 56 Rating, Add</i>	1,245.00	
40 05 19 00-2163	EA		8" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,927.11	421.27
			<i>For Class 52 Rating, Deduct</i>	-471.77	
			<i>For Class 54 Rating, Add</i>	650.98	
			<i>For Class 55 Rating, Add</i>	971.73	
			<i>For Class 56 Rating, Add</i>	1,288.18	
40 05 19 00-2164	EA		8" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,078.44	424.99
			<i>For Class 52 Rating, Deduct</i>	-487.80	
			<i>For Class 54 Rating, Add</i>	672.91	
			<i>For Class 55 Rating, Add</i>	1,004.35	
			<i>For Class 56 Rating, Add</i>	1,331.36	
40 05 19 00-2165	EA		8" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,229.78	428.72
			<i>For Class 52 Rating, Deduct</i>	-503.82	
			<i>For Class 54 Rating, Add</i>	694.83	
			<i>For Class 55 Rating, Add</i>	1,036.98	
			<i>For Class 56 Rating, Add</i>	1,374.55	
40 05 19 00-2166	EA		8" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,381.12	432.44
			<i>For Class 52 Rating, Deduct</i>	-519.85	
			<i>For Class 54 Rating, Add</i>	716.75	
			<i>For Class 55 Rating, Add</i>	1,069.60	
			<i>For Class 56 Rating, Add</i>	1,417.73	
40 05 19 00-2167	EA		8" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,532.45	436.17
			<i>For Class 52 Rating, Deduct</i>	-535.87	
			<i>For Class 54 Rating, Add</i>	738.67	
			<i>For Class 55 Rating, Add</i>	1,102.22	
			<i>For Class 56 Rating, Add</i>	1,460.91	
40 05 19 00-2168	EA		8" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,683.79	439.91
			<i>For Class 52 Rating, Deduct</i>	-551.90	
			<i>For Class 54 Rating, Add</i>	760.59	
			<i>For Class 55 Rating, Add</i>	1,134.85	
			<i>For Class 56 Rating, Add</i>	1,504.09	
40 05 19 00-2169	EA		8" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,835.12	443.63
			<i>For Class 52 Rating, Deduct</i>	-567.93	
			<i>For Class 54 Rating, Add</i>	782.51	
			<i>For Class 55 Rating, Add</i>	1,167.47	
			<i>For Class 56 Rating, Add</i>	1,547.27	
40 05 19 00-2170	EA		8" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,986.46	447.36
			<i>For Class 52 Rating, Deduct</i>	-583.95	
			<i>For Class 54 Rating, Add</i>	804.43	
			<i>For Class 55 Rating, Add</i>	1,200.10	
			<i>For Class 56 Rating, Add</i>	1,590.45	
40 05 19 00-2171	EA		8" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,137.79	451.08
			<i>For Class 52 Rating, Deduct</i>	-599.98	
			<i>For Class 54 Rating, Add</i>	826.35	
			<i>For Class 55 Rating, Add</i>	1,232.72	
			<i>For Class 56 Rating, Add</i>	1,633.63	
40 05 19 00-2172	EA		8" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,289.13	454.81
			<i>For Class 52 Rating, Deduct</i>	-616.00	
			<i>For Class 54 Rating, Add</i>	848.27	
			<i>For Class 55 Rating, Add</i>	1,265.34	
			<i>For Class 56 Rating, Add</i>	1,676.81	
40 05 19 00-2173	EA		8" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,440.47	458.55
			<i>For Class 52 Rating, Deduct</i>	-632.03	
			<i>For Class 54 Rating, Add</i>	870.19	
			<i>For Class 55 Rating, Add</i>	1,297.97	
			<i>For Class 56 Rating, Add</i>	1,720.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2174 EA 8" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,591.81	462.27
<i>For Class 52 Rating, Deduct</i>	-648.05	
<i>For Class 54 Rating, Add</i>	892.11	
<i>For Class 55 Rating, Add</i>	1,330.59	
<i>For Class 56 Rating, Add</i>	1,763.18	
40 05 19 00-2175 EA 8" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,743.13	466.00
<i>For Class 52 Rating, Deduct</i>	-664.08	
<i>For Class 54 Rating, Add</i>	914.03	
<i>For Class 55 Rating, Add</i>	1,363.21	
<i>For Class 56 Rating, Add</i>	1,806.36	
40 05 19 00-2176 EA 8" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,894.47	469.72
<i>For Class 52 Rating, Deduct</i>	-680.10	
<i>For Class 54 Rating, Add</i>	935.96	
<i>For Class 55 Rating, Add</i>	1,395.84	
<i>For Class 56 Rating, Add</i>	1,849.54	
40 05 19 00-2177 EA 8" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,045.81	473.45
<i>For Class 52 Rating, Deduct</i>	-696.13	
<i>For Class 54 Rating, Add</i>	957.88	
<i>For Class 55 Rating, Add</i>	1,428.46	
<i>For Class 56 Rating, Add</i>	1,892.72	
40 05 19 00-2178 EA 8" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,197.16	477.19
<i>For Class 52 Rating, Deduct</i>	-712.16	
<i>For Class 54 Rating, Add</i>	979.80	
<i>For Class 55 Rating, Add</i>	1,461.09	
<i>For Class 56 Rating, Add</i>	1,935.90	
40 05 19 00-2179 EA 8" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,348.49	480.91
<i>For Class 52 Rating, Deduct</i>	-728.18	
<i>For Class 54 Rating, Add</i>	1,001.72	
<i>For Class 55 Rating, Add</i>	1,493.71	
<i>For Class 56 Rating, Add</i>	1,979.08	
40 05 19 00-2180 EA 8" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,499.82	484.64
<i>For Class 52 Rating, Deduct</i>	-744.21	
<i>For Class 54 Rating, Add</i>	1,023.64	
<i>For Class 55 Rating, Add</i>	1,526.33	
<i>For Class 56 Rating, Add</i>	2,022.26	
40 05 19 00-2181 10" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2182 EA 10" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,207.08	417.53
<i>For Class 52 Rating, Deduct</i>	-173.19	
<i>For Class 54 Rating, Add</i>	243.76	
<i>For Class 55 Rating, Add</i>	366.29	
<i>For Class 56 Rating, Add</i>	487.24	
40 05 19 00-2183 EA 10" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,401.86	421.27
<i>For Class 52 Rating, Deduct</i>	-193.99	
<i>For Class 54 Rating, Add</i>	272.20	
<i>For Class 55 Rating, Add</i>	408.60	
<i>For Class 56 Rating, Add</i>	543.23	
40 05 19 00-2184 EA 10" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,596.64	424.99
<i>For Class 52 Rating, Deduct</i>	-214.80	
<i>For Class 54 Rating, Add</i>	300.64	
<i>For Class 55 Rating, Add</i>	450.91	
<i>For Class 56 Rating, Add</i>	599.23	
40 05 19 00-2185 EA 10" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,791.43	428.72
<i>For Class 52 Rating, Deduct</i>	-235.60	
<i>For Class 54 Rating, Add</i>	329.07	
<i>For Class 55 Rating, Add</i>	493.22	
<i>For Class 56 Rating, Add</i>	655.23	
40 05 19 00-2186 EA 10" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,986.22	432.44
<i>For Class 52 Rating, Deduct</i>	-256.41	
<i>For Class 54 Rating, Add</i>	357.51	
<i>For Class 55 Rating, Add</i>	535.54	
<i>For Class 56 Rating, Add</i>	711.23	
40 05 19 00-2187 EA 10" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,181.01	436.17
<i>For Class 52 Rating, Deduct</i>	-277.22	
<i>For Class 54 Rating, Add</i>	385.95	
<i>For Class 55 Rating, Add</i>	577.85	
<i>For Class 56 Rating, Add</i>	767.23	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2188	EA	10" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,375.80	439.91
		<i>For Class 52 Rating, Deduct</i>		-298.02	
		<i>For Class 54 Rating, Add</i>		414.39	
		<i>For Class 55 Rating, Add</i>		620.17	
		<i>For Class 56 Rating, Add</i>		823.23	
40 05 19 00-2189	EA	10" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,570.57	443.63
		<i>For Class 52 Rating, Deduct</i>		-318.83	
		<i>For Class 54 Rating, Add</i>		442.83	
		<i>For Class 55 Rating, Add</i>		662.48	
		<i>For Class 56 Rating, Add</i>		879.23	
40 05 19 00-2190	EA	10" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,765.36	447.36
		<i>For Class 52 Rating, Deduct</i>		-339.63	
		<i>For Class 54 Rating, Add</i>		471.27	
		<i>For Class 55 Rating, Add</i>		704.79	
		<i>For Class 56 Rating, Add</i>		935.23	
40 05 19 00-2191	EA	10" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		3,960.15	451.08
		<i>For Class 52 Rating, Deduct</i>		-360.44	
		<i>For Class 54 Rating, Add</i>		499.71	
		<i>For Class 55 Rating, Add</i>		747.10	
		<i>For Class 56 Rating, Add</i>		991.23	
40 05 19 00-2192	EA	10" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,154.94	454.81
		<i>For Class 52 Rating, Deduct</i>		-381.24	
		<i>For Class 54 Rating, Add</i>		528.14	
		<i>For Class 55 Rating, Add</i>		789.42	
		<i>For Class 56 Rating, Add</i>		1,047.23	
40 05 19 00-2193	EA	10" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,349.73	458.55
		<i>For Class 52 Rating, Deduct</i>		-402.05	
		<i>For Class 54 Rating, Add</i>		556.58	
		<i>For Class 55 Rating, Add</i>		831.73	
		<i>For Class 56 Rating, Add</i>		1,103.23	
40 05 19 00-2194	EA	10" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,544.51	462.27
		<i>For Class 52 Rating, Deduct</i>		-422.85	
		<i>For Class 54 Rating, Add</i>		585.02	
		<i>For Class 55 Rating, Add</i>		874.04	
		<i>For Class 56 Rating, Add</i>		1,159.22	
40 05 19 00-2195	EA	10" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,739.29	466.00
		<i>For Class 52 Rating, Deduct</i>		-443.66	
		<i>For Class 54 Rating, Add</i>		613.46	
		<i>For Class 55 Rating, Add</i>		916.36	
		<i>For Class 56 Rating, Add</i>		1,215.22	
40 05 19 00-2196	EA	10" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,934.08	469.72
		<i>For Class 52 Rating, Deduct</i>		-464.46	
		<i>For Class 54 Rating, Add</i>		641.90	
		<i>For Class 55 Rating, Add</i>		958.67	
		<i>For Class 56 Rating, Add</i>		1,271.22	
40 05 19 00-2197	EA	10" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,128.87	473.45
		<i>For Class 52 Rating, Deduct</i>		-485.27	
		<i>For Class 54 Rating, Add</i>		670.34	
		<i>For Class 55 Rating, Add</i>		1,000.99	
		<i>For Class 56 Rating, Add</i>		1,327.22	
40 05 19 00-2198	EA	10" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,323.67	477.19
		<i>For Class 52 Rating, Deduct</i>		-506.07	
		<i>For Class 54 Rating, Add</i>		698.78	
		<i>For Class 55 Rating, Add</i>		1,043.30	
		<i>For Class 56 Rating, Add</i>		1,383.22	
40 05 19 00-2199	EA	10" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,518.45	480.91
		<i>For Class 52 Rating, Deduct</i>		-526.88	
		<i>For Class 54 Rating, Add</i>		727.21	
		<i>For Class 55 Rating, Add</i>		1,085.61	
		<i>For Class 56 Rating, Add</i>		1,439.22	
40 05 19 00-2200	EA	10" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,713.23	484.64
		<i>For Class 52 Rating, Deduct</i>		-547.68	
		<i>For Class 54 Rating, Add</i>		755.65	
		<i>For Class 55 Rating, Add</i>		1,127.92	
		<i>For Class 56 Rating, Add</i>		1,495.22	
40 05 19 00-2201	EA	10" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,908.02	488.36
		<i>For Class 52 Rating, Deduct</i>		-568.49	
		<i>For Class 54 Rating, Add</i>		784.09	
		<i>For Class 55 Rating, Add</i>		1,170.24	
		<i>For Class 56 Rating, Add</i>		1,551.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2202 EA 10" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,102.81	492.09
<i>For Class 52 Rating, Deduct</i>	-589.29	
<i>For Class 54 Rating, Add</i>	812.53	
<i>For Class 55 Rating, Add</i>	1,212.55	
<i>For Class 56 Rating, Add</i>	1,607.22	
40 05 19 00-2203 EA 10" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,297.60	495.83
<i>For Class 52 Rating, Deduct</i>	-610.10	
<i>For Class 54 Rating, Add</i>	840.97	
<i>For Class 55 Rating, Add</i>	1,254.87	
<i>For Class 56 Rating, Add</i>	1,663.22	
40 05 19 00-2204 EA 10" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,492.38	499.55
<i>For Class 52 Rating, Deduct</i>	-630.90	
<i>For Class 54 Rating, Add</i>	869.40	
<i>For Class 55 Rating, Add</i>	1,297.18	
<i>For Class 56 Rating, Add</i>	1,719.22	
40 05 19 00-2205 EA 10" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,687.17	503.28
<i>For Class 52 Rating, Deduct</i>	-651.71	
<i>For Class 54 Rating, Add</i>	897.84	
<i>For Class 55 Rating, Add</i>	1,339.49	
<i>For Class 56 Rating, Add</i>	1,775.21	
40 05 19 00-2206 EA 10" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,881.95	507.00
<i>For Class 52 Rating, Deduct</i>	-672.51	
<i>For Class 54 Rating, Add</i>	926.28	
<i>For Class 55 Rating, Add</i>	1,381.81	
<i>For Class 56 Rating, Add</i>	1,831.21	
40 05 19 00-2207 EA 10" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,076.74	510.73
<i>For Class 52 Rating, Deduct</i>	-693.32	
<i>For Class 54 Rating, Add</i>	954.72	
<i>For Class 55 Rating, Add</i>	1,424.12	
<i>For Class 56 Rating, Add</i>	1,887.21	
40 05 19 00-2208 EA 10" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,271.53	514.47
<i>For Class 52 Rating, Deduct</i>	-714.12	
<i>For Class 54 Rating, Add</i>	983.16	
<i>For Class 55 Rating, Add</i>	1,466.43	
<i>For Class 56 Rating, Add</i>	1,943.21	
40 05 19 00-2209 EA 10" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,466.31	518.19
<i>For Class 52 Rating, Deduct</i>	-734.93	
<i>For Class 54 Rating, Add</i>	1,011.60	
<i>For Class 55 Rating, Add</i>	1,508.74	
<i>For Class 56 Rating, Add</i>	1,999.21	
40 05 19 00-2210 EA 10" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,661.10	521.92
<i>For Class 52 Rating, Deduct</i>	-755.73	
<i>For Class 54 Rating, Add</i>	1,040.04	
<i>For Class 55 Rating, Add</i>	1,551.06	
<i>For Class 56 Rating, Add</i>	2,055.21	
40 05 19 00-2211 EA 10" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,855.88	525.64
<i>For Class 52 Rating, Deduct</i>	-776.54	
<i>For Class 54 Rating, Add</i>	1,068.47	
<i>For Class 55 Rating, Add</i>	1,593.37	
<i>For Class 56 Rating, Add</i>	2,111.21	
40 05 19 00-2212 EA 10" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,050.67	529.37
<i>For Class 52 Rating, Deduct</i>	-797.34	
<i>For Class 54 Rating, Add</i>	1,096.91	
<i>For Class 55 Rating, Add</i>	1,635.69	
<i>For Class 56 Rating, Add</i>	2,167.21	
40 05 19 00-2213 EA 10" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,245.46	533.11
<i>For Class 52 Rating, Deduct</i>	-818.15	
<i>For Class 54 Rating, Add</i>	1,125.35	
<i>For Class 55 Rating, Add</i>	1,678.00	
<i>For Class 56 Rating, Add</i>	2,223.21	
40 05 19 00-2214 EA 10" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,440.25	536.83
<i>For Class 52 Rating, Deduct</i>	-838.96	
<i>For Class 54 Rating, Add</i>	1,153.79	
<i>For Class 55 Rating, Add</i>	1,720.31	
<i>For Class 56 Rating, Add</i>	2,279.21	
40 05 19 00-2215 EA 10" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,635.03	540.56
<i>For Class 52 Rating, Deduct</i>	-859.76	
<i>For Class 54 Rating, Add</i>	1,182.23	
<i>For Class 55 Rating, Add</i>	1,762.62	
<i>For Class 56 Rating, Add</i>	2,335.21	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2216	EA		10" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,829.82	544.28
			<i>For Class 52 Rating, Deduct</i>	-880.57	
			<i>For Class 54 Rating, Add</i>	1,210.67	
			<i>For Class 55 Rating, Add</i>	1,804.94	
			<i>For Class 56 Rating, Add</i>	2,391.20	
40 05 19 00-2217	EA		10" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,024.60	548.01
			<i>For Class 52 Rating, Deduct</i>	-901.37	
			<i>For Class 54 Rating, Add</i>	1,239.11	
			<i>For Class 55 Rating, Add</i>	1,847.25	
			<i>For Class 56 Rating, Add</i>	2,447.20	
40 05 19 00-2218	EA		10" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,219.39	551.75
			<i>For Class 52 Rating, Deduct</i>	-922.18	
			<i>For Class 54 Rating, Add</i>	1,267.54	
			<i>For Class 55 Rating, Add</i>	1,889.57	
			<i>For Class 56 Rating, Add</i>	2,503.20	
40 05 19 00-2219	EA		10" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,414.18	555.47
			<i>For Class 52 Rating, Deduct</i>	-942.98	
			<i>For Class 54 Rating, Add</i>	1,295.98	
			<i>For Class 55 Rating, Add</i>	1,931.88	
			<i>For Class 56 Rating, Add</i>	2,559.20	
40 05 19 00-2220	EA		10" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,608.96	559.20
			<i>For Class 52 Rating, Deduct</i>	-963.79	
			<i>For Class 54 Rating, Add</i>	1,324.42	
			<i>For Class 55 Rating, Add</i>	1,974.19	
			<i>For Class 56 Rating, Add</i>	2,615.20	
40 05 19 00-2221			12" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2222	EA		12" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,886.64	521.92
			<i>For Class 52 Rating, Deduct</i>	-230.54	
			<i>For Class 54 Rating, Add</i>	323.87	
			<i>For Class 55 Rating, Add</i>	486.35	
			<i>For Class 56 Rating, Add</i>	646.74	
40 05 19 00-2223	EA		12" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,127.43	525.64
			<i>For Class 52 Rating, Deduct</i>	-256.41	
			<i>For Class 54 Rating, Add</i>	359.21	
			<i>For Class 55 Rating, Add</i>	538.93	
			<i>For Class 56 Rating, Add</i>	716.32	
40 05 19 00-2224	EA		12" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,368.22	529.37
			<i>For Class 52 Rating, Deduct</i>	-282.28	
			<i>For Class 54 Rating, Add</i>	394.55	
			<i>For Class 55 Rating, Add</i>	591.50	
			<i>For Class 56 Rating, Add</i>	785.89	
40 05 19 00-2225	EA		12" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,609.02	533.11
			<i>For Class 52 Rating, Deduct</i>	-308.14	
			<i>For Class 54 Rating, Add</i>	429.89	
			<i>For Class 55 Rating, Add</i>	644.07	
			<i>For Class 56 Rating, Add</i>	855.46	
40 05 19 00-2226	EA		12" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,849.81	536.83
			<i>For Class 52 Rating, Deduct</i>	-334.01	
			<i>For Class 54 Rating, Add</i>	465.23	
			<i>For Class 55 Rating, Add</i>	696.65	
			<i>For Class 56 Rating, Add</i>	925.03	
40 05 19 00-2227	EA		12" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,090.61	540.56
			<i>For Class 52 Rating, Deduct</i>	-359.87	
			<i>For Class 54 Rating, Add</i>	500.57	
			<i>For Class 55 Rating, Add</i>	749.22	
			<i>For Class 56 Rating, Add</i>	994.60	
40 05 19 00-2228	EA		12" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,331.40	544.28
			<i>For Class 52 Rating, Deduct</i>	-385.74	
			<i>For Class 54 Rating, Add</i>	535.90	
			<i>For Class 55 Rating, Add</i>	801.79	
			<i>For Class 56 Rating, Add</i>	1,064.17	
40 05 19 00-2229	EA		12" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,572.19	548.01
			<i>For Class 52 Rating, Deduct</i>	-411.61	
			<i>For Class 54 Rating, Add</i>	571.24	
			<i>For Class 55 Rating, Add</i>	854.36	
			<i>For Class 56 Rating, Add</i>	1,133.74	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2230 EA 12" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	4,812.98	551.75
<i>For Class 52 Rating, Deduct</i>	-437.47	
<i>For Class 54 Rating, Add</i>	606.58	
<i>For Class 55 Rating, Add</i>	906.94	
<i>For Class 56 Rating, Add</i>	1,203.31	
40 05 19 00-2231 EA 12" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	5,053.78	555.47
<i>For Class 52 Rating, Deduct</i>	-463.34	
<i>For Class 54 Rating, Add</i>	641.92	
<i>For Class 55 Rating, Add</i>	959.51	
<i>For Class 56 Rating, Add</i>	1,272.89	
40 05 19 00-2232 EA 12" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	5,294.57	559.20
<i>For Class 52 Rating, Deduct</i>	-489.20	
<i>For Class 54 Rating, Add</i>	677.26	
<i>For Class 55 Rating, Add</i>	1,012.08	
<i>For Class 56 Rating, Add</i>	1,342.46	
40 05 19 00-2233 EA 12" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	5,535.37	562.92
<i>For Class 52 Rating, Deduct</i>	-515.07	
<i>For Class 54 Rating, Add</i>	712.60	
<i>For Class 55 Rating, Add</i>	1,064.66	
<i>For Class 56 Rating, Add</i>	1,412.03	
40 05 19 00-2234 EA 12" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	5,776.15	566.65
<i>For Class 52 Rating, Deduct</i>	-540.93	
<i>For Class 54 Rating, Add</i>	747.94	
<i>For Class 55 Rating, Add</i>	1,117.23	
<i>For Class 56 Rating, Add</i>	1,481.60	
40 05 19 00-2235 EA 12" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	6,016.94	570.39
<i>For Class 52 Rating, Deduct</i>	-566.80	
<i>For Class 54 Rating, Add</i>	783.28	
<i>For Class 55 Rating, Add</i>	1,169.80	
<i>For Class 56 Rating, Add</i>	1,551.17	
40 05 19 00-2236 EA 12" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	6,257.74	574.11
<i>For Class 52 Rating, Deduct</i>	-592.67	
<i>For Class 54 Rating, Add</i>	818.62	
<i>For Class 55 Rating, Add</i>	1,222.37	
<i>For Class 56 Rating, Add</i>	1,620.74	
40 05 19 00-2237 EA 12" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	6,498.53	577.84
<i>For Class 52 Rating, Deduct</i>	-618.53	
<i>For Class 54 Rating, Add</i>	853.96	
<i>For Class 55 Rating, Add</i>	1,274.95	
<i>For Class 56 Rating, Add</i>	1,690.31	
40 05 19 00-2238 EA 12" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	6,739.33	581.56
<i>For Class 52 Rating, Deduct</i>	-644.40	
<i>For Class 54 Rating, Add</i>	889.30	
<i>For Class 55 Rating, Add</i>	1,327.52	
<i>For Class 56 Rating, Add</i>	1,759.88	
40 05 19 00-2239 EA 12" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	6,980.12	585.29
<i>For Class 52 Rating, Deduct</i>	-670.26	
<i>For Class 54 Rating, Add</i>	924.64	
<i>For Class 55 Rating, Add</i>	1,380.09	
<i>For Class 56 Rating, Add</i>	1,829.45	
40 05 19 00-2240 EA 12" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	7,220.91	589.03
<i>For Class 52 Rating, Deduct</i>	-696.13	
<i>For Class 54 Rating, Add</i>	959.98	
<i>For Class 55 Rating, Add</i>	1,432.67	
<i>For Class 56 Rating, Add</i>	1,899.02	
40 05 19 00-2241 EA 12" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	7,461.70	592.75
<i>For Class 52 Rating, Deduct</i>	-722.00	
<i>For Class 54 Rating, Add</i>	995.32	
<i>For Class 55 Rating, Add</i>	1,485.24	
<i>For Class 56 Rating, Add</i>	1,968.59	
40 05 19 00-2242 EA 12" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	7,702.50	596.48
<i>For Class 52 Rating, Deduct</i>	-747.86	
<i>For Class 54 Rating, Add</i>	1,030.66	
<i>For Class 55 Rating, Add</i>	1,537.81	
<i>For Class 56 Rating, Add</i>	2,038.17	
40 05 19 00-2243 EA 12" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		
Iron Pipe	7,943.29	600.20
<i>For Class 52 Rating, Deduct</i>	-773.73	
<i>For Class 54 Rating, Add</i>	1,066.00	
<i>For Class 55 Rating, Add</i>	1,590.38	
<i>For Class 56 Rating, Add</i>	2,107.74	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2244	EA		12" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,184.09	603.93
			<i>For Class 52 Rating, Deduct</i>	-799.59	
			<i>For Class 54 Rating, Add</i>	1,101.34	
			<i>For Class 55 Rating, Add</i>	1,642.96	
			<i>For Class 56 Rating, Add</i>	2,177.31	
40 05 19 00-2245	EA		12" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,424.87	607.66
			<i>For Class 52 Rating, Deduct</i>	-825.46	
			<i>For Class 54 Rating, Add</i>	1,136.68	
			<i>For Class 55 Rating, Add</i>	1,695.53	
			<i>For Class 56 Rating, Add</i>	2,246.88	
40 05 19 00-2246	EA		12" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,663.12	611.39
			<i>For Class 52 Rating, Deduct</i>	-851.04	
			<i>For Class 54 Rating, Add</i>	1,171.63	
			<i>For Class 55 Rating, Add</i>	1,747.53	
			<i>For Class 56 Rating, Add</i>	2,315.70	
40 05 19 00-2247	EA		12" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,906.47	615.12
			<i>For Class 52 Rating, Deduct</i>	-877.19	
			<i>For Class 54 Rating, Add</i>	1,207.35	
			<i>For Class 55 Rating, Add</i>	1,800.67	
			<i>For Class 56 Rating, Add</i>	2,386.02	
40 05 19 00-2248	EA		12" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,147.27	618.84
			<i>For Class 52 Rating, Deduct</i>	-903.06	
			<i>For Class 54 Rating, Add</i>	1,242.69	
			<i>For Class 55 Rating, Add</i>	1,853.25	
			<i>For Class 56 Rating, Add</i>	2,455.59	
40 05 19 00-2249	EA		12" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,388.06	622.57
			<i>For Class 52 Rating, Deduct</i>	-928.92	
			<i>For Class 54 Rating, Add</i>	1,278.03	
			<i>For Class 55 Rating, Add</i>	1,905.82	
			<i>For Class 56 Rating, Add</i>	2,525.16	
40 05 19 00-2250	EA		12" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,628.85	626.30
			<i>For Class 52 Rating, Deduct</i>	-954.79	
			<i>For Class 54 Rating, Add</i>	1,313.37	
			<i>For Class 55 Rating, Add</i>	1,958.39	
			<i>For Class 56 Rating, Add</i>	2,594.73	
40 05 19 00-2251	EA		12" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,869.64	630.03
			<i>For Class 52 Rating, Deduct</i>	-980.66	
			<i>For Class 54 Rating, Add</i>	1,348.71	
			<i>For Class 55 Rating, Add</i>	2,010.97	
			<i>For Class 56 Rating, Add</i>	2,664.30	
40 05 19 00-2252	EA		12" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,110.43	633.76
			<i>For Class 52 Rating, Deduct</i>	-1,006.52	
			<i>For Class 54 Rating, Add</i>	1,384.05	
			<i>For Class 55 Rating, Add</i>	2,063.54	
			<i>For Class 56 Rating, Add</i>	2,733.87	
40 05 19 00-2253	EA		12" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,351.23	637.48
			<i>For Class 52 Rating, Deduct</i>	-1,032.39	
			<i>For Class 54 Rating, Add</i>	1,419.39	
			<i>For Class 55 Rating, Add</i>	2,116.11	
			<i>For Class 56 Rating, Add</i>	2,803.45	
40 05 19 00-2254	EA		12" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,592.02	641.21
			<i>For Class 52 Rating, Deduct</i>	-1,058.25	
			<i>For Class 54 Rating, Add</i>	1,454.73	
			<i>For Class 55 Rating, Add</i>	2,168.68	
			<i>For Class 56 Rating, Add</i>	2,873.02	
40 05 19 00-2255	EA		12" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,832.82	644.94
			<i>For Class 52 Rating, Deduct</i>	-1,084.12	
			<i>For Class 54 Rating, Add</i>	1,490.07	
			<i>For Class 55 Rating, Add</i>	2,221.26	
			<i>For Class 56 Rating, Add</i>	2,942.59	
40 05 19 00-2256	EA		12" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,073.60	648.67
			<i>For Class 52 Rating, Deduct</i>	-1,109.98	
			<i>For Class 54 Rating, Add</i>	1,525.41	
			<i>For Class 55 Rating, Add</i>	2,273.83	
			<i>For Class 56 Rating, Add</i>	3,012.16	
40 05 19 00-2257	EA		12" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,314.40	652.40
			<i>For Class 52 Rating, Deduct</i>	-1,135.85	
			<i>For Class 54 Rating, Add</i>	1,560.75	
			<i>For Class 55 Rating, Add</i>	2,326.40	
			<i>For Class 56 Rating, Add</i>	3,081.73	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2258 EA 12" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,555.19	656.12
<i>For Class 52 Rating, Deduct</i>	-1,161.72	
<i>For Class 54 Rating, Add</i>	1,596.09	
<i>For Class 55 Rating, Add</i>	2,378.98	
<i>For Class 56 Rating, Add</i>	3,151.30	
40 05 19 00-2259 EA 12" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,795.99	659.85
<i>For Class 52 Rating, Deduct</i>	-1,187.58	
<i>For Class 54 Rating, Add</i>	1,631.43	
<i>For Class 55 Rating, Add</i>	2,431.55	
<i>For Class 56 Rating, Add</i>	3,220.87	
40 05 19 00-2260 EA 12" Flanged (FxF), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,036.78	663.58
<i>For Class 52 Rating, Deduct</i>	-1,213.45	
<i>For Class 54 Rating, Add</i>	1,666.77	
<i>For Class 55 Rating, Add</i>	2,484.12	
<i>For Class 56 Rating, Add</i>	3,290.44	
40 05 19 00-2261 14" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		
<small>(40 05 19 00-2060)</small>		
40 05 19 00-2262 EA 14" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,865.25	626.30
<i>For Class 52 Rating, Deduct</i>	-320.79	
<i>For Class 54 Rating, Add</i>	448.83	
<i>For Class 55 Rating, Add</i>	673.11	
<i>For Class 56 Rating, Add</i>	894.47	
40 05 19 00-2263 EA 14" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,157.16	630.03
<i>For Class 52 Rating, Deduct</i>	-352.28	
<i>For Class 54 Rating, Add</i>	491.84	
<i>For Class 55 Rating, Add</i>	737.08	
<i>For Class 56 Rating, Add</i>	979.12	
40 05 19 00-2264 EA 14" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,449.07	633.76
<i>For Class 52 Rating, Deduct</i>	-383.77	
<i>For Class 54 Rating, Add</i>	534.85	
<i>For Class 55 Rating, Add</i>	801.05	
<i>For Class 56 Rating, Add</i>	1,063.77	
40 05 19 00-2265 EA 14" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,740.98	637.48
<i>For Class 52 Rating, Deduct</i>	-415.26	
<i>For Class 54 Rating, Add</i>	577.85	
<i>For Class 55 Rating, Add</i>	865.03	
<i>For Class 56 Rating, Add</i>	1,148.42	
40 05 19 00-2266 EA 14" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,032.90	641.21
<i>For Class 52 Rating, Deduct</i>	-446.75	
<i>For Class 54 Rating, Add</i>	620.86	
<i>For Class 55 Rating, Add</i>	929.00	
<i>For Class 56 Rating, Add</i>	1,233.08	
40 05 19 00-2267 EA 14" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,324.81	644.94
<i>For Class 52 Rating, Deduct</i>	-478.24	
<i>For Class 54 Rating, Add</i>	663.87	
<i>For Class 55 Rating, Add</i>	992.97	
<i>For Class 56 Rating, Add</i>	1,317.73	
40 05 19 00-2268 EA 14" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,616.71	648.67
<i>For Class 52 Rating, Deduct</i>	-509.73	
<i>For Class 54 Rating, Add</i>	706.88	
<i>For Class 55 Rating, Add</i>	1,056.94	
<i>For Class 56 Rating, Add</i>	1,402.38	
40 05 19 00-2269 EA 14" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,908.63	652.40
<i>For Class 52 Rating, Deduct</i>	-541.22	
<i>For Class 54 Rating, Add</i>	749.88	
<i>For Class 55 Rating, Add</i>	1,120.92	
<i>For Class 56 Rating, Add</i>	1,487.03	
40 05 19 00-2270 EA 14" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,200.54	656.12
<i>For Class 52 Rating, Deduct</i>	-572.71	
<i>For Class 54 Rating, Add</i>	792.89	
<i>For Class 55 Rating, Add</i>	1,184.89	
<i>For Class 56 Rating, Add</i>	1,571.68	
40 05 19 00-2271 EA 14" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,492.45	659.85
<i>For Class 52 Rating, Deduct</i>	-604.19	
<i>For Class 54 Rating, Add</i>	835.90	
<i>For Class 55 Rating, Add</i>	1,248.86	
<i>For Class 56 Rating, Add</i>	1,656.33	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2272	EA	14" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,784.37	663.58
		<i>For Class 52 Rating, Deduct</i>		-635.68	
		<i>For Class 54 Rating, Add</i>		878.91	
		<i>For Class 55 Rating, Add</i>		1,312.83	
		<i>For Class 56 Rating, Add</i>		1,740.98	
40 05 19 00-2273	EA	14" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,076.28	667.31
		<i>For Class 52 Rating, Deduct</i>		-667.17	
		<i>For Class 54 Rating, Add</i>		921.91	
		<i>For Class 55 Rating, Add</i>		1,376.81	
		<i>For Class 56 Rating, Add</i>		1,825.63	
40 05 19 00-2274	EA	14" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,368.18	671.04
		<i>For Class 52 Rating, Deduct</i>		-698.66	
		<i>For Class 54 Rating, Add</i>		964.92	
		<i>For Class 55 Rating, Add</i>		1,440.78	
		<i>For Class 56 Rating, Add</i>		1,910.28	
40 05 19 00-2275	EA	14" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,660.09	674.76
		<i>For Class 52 Rating, Deduct</i>		-730.15	
		<i>For Class 54 Rating, Add</i>		1,007.93	
		<i>For Class 55 Rating, Add</i>		1,504.75	
		<i>For Class 56 Rating, Add</i>		1,994.93	
40 05 19 00-2276	EA	14" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,952.01	678.49
		<i>For Class 52 Rating, Deduct</i>		-761.64	
		<i>For Class 54 Rating, Add</i>		1,050.93	
		<i>For Class 55 Rating, Add</i>		1,568.72	
		<i>For Class 56 Rating, Add</i>		2,079.59	
40 05 19 00-2277	EA	14" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,243.92	682.22
		<i>For Class 52 Rating, Deduct</i>		-793.13	
		<i>For Class 54 Rating, Add</i>		1,093.94	
		<i>For Class 55 Rating, Add</i>		1,632.69	
		<i>For Class 56 Rating, Add</i>		2,164.24	
40 05 19 00-2278	EA	14" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,535.83	685.95
		<i>For Class 52 Rating, Deduct</i>		-824.62	
		<i>For Class 54 Rating, Add</i>		1,136.95	
		<i>For Class 55 Rating, Add</i>		1,696.67	
		<i>For Class 56 Rating, Add</i>		2,248.89	
40 05 19 00-2279	EA	14" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,827.74	689.68
		<i>For Class 52 Rating, Deduct</i>		-856.11	
		<i>For Class 54 Rating, Add</i>		1,179.96	
		<i>For Class 55 Rating, Add</i>		1,760.64	
		<i>For Class 56 Rating, Add</i>		2,333.54	
40 05 19 00-2280	EA	14" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,119.65	693.40
		<i>For Class 52 Rating, Deduct</i>		-887.59	
		<i>For Class 54 Rating, Add</i>		1,222.96	
		<i>For Class 55 Rating, Add</i>		1,824.61	
		<i>For Class 56 Rating, Add</i>		2,418.19	
40 05 19 00-2281	EA	14" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,411.56	697.13
		<i>For Class 52 Rating, Deduct</i>		-919.08	
		<i>For Class 54 Rating, Add</i>		1,265.97	
		<i>For Class 55 Rating, Add</i>		1,888.58	
		<i>For Class 56 Rating, Add</i>		2,502.84	
40 05 19 00-2282	EA	14" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,703.48	700.86
		<i>For Class 52 Rating, Deduct</i>		-950.57	
		<i>For Class 54 Rating, Add</i>		1,308.98	
		<i>For Class 55 Rating, Add</i>		1,952.56	
		<i>For Class 56 Rating, Add</i>		2,587.49	
40 05 19 00-2283	EA	14" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,995.39	704.59
		<i>For Class 52 Rating, Deduct</i>		-982.06	
		<i>For Class 54 Rating, Add</i>		1,351.99	
		<i>For Class 55 Rating, Add</i>		2,016.53	
		<i>For Class 56 Rating, Add</i>		2,672.14	
40 05 19 00-2284	EA	14" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,287.30	708.32
		<i>For Class 52 Rating, Deduct</i>		-1,013.55	
		<i>For Class 54 Rating, Add</i>		1,394.99	
		<i>For Class 55 Rating, Add</i>		2,080.50	
		<i>For Class 56 Rating, Add</i>		2,756.79	
40 05 19 00-2285	EA	14" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,579.20	712.04
		<i>For Class 52 Rating, Deduct</i>		-1,045.04	
		<i>For Class 54 Rating, Add</i>		1,438.00	
		<i>For Class 55 Rating, Add</i>		2,144.47	
		<i>For Class 56 Rating, Add</i>		2,841.44	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2286 EA 14" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,871.12	715.77
For Class 52 Rating, Deduct	-1,076.53	
For Class 54 Rating, Add	1,481.01	
For Class 55 Rating, Add	2,208.44	
For Class 56 Rating, Add	2,926.09	
40 05 19 00-2287 EA 14" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,163.03	719.50
For Class 52 Rating, Deduct	-1,108.02	
For Class 54 Rating, Add	1,524.01	
For Class 55 Rating, Add	2,272.42	
For Class 56 Rating, Add	3,010.75	
40 05 19 00-2288 EA 14" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,454.94	723.23
For Class 52 Rating, Deduct	-1,139.51	
For Class 54 Rating, Add	1,567.02	
For Class 55 Rating, Add	2,336.39	
For Class 56 Rating, Add	3,095.40	
40 05 19 00-2289 EA 14" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,746.86	726.96
For Class 52 Rating, Deduct	-1,171.00	
For Class 54 Rating, Add	1,610.03	
For Class 55 Rating, Add	2,400.36	
For Class 56 Rating, Add	3,180.05	
40 05 19 00-2290 EA 14" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,038.76	730.68
For Class 52 Rating, Deduct	-1,202.48	
For Class 54 Rating, Add	1,653.04	
For Class 55 Rating, Add	2,464.33	
For Class 56 Rating, Add	3,264.70	
40 05 19 00-2291 EA 14" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,330.67	734.41
For Class 52 Rating, Deduct	-1,233.97	
For Class 54 Rating, Add	1,696.04	
For Class 55 Rating, Add	2,528.30	
For Class 56 Rating, Add	3,349.35	
40 05 19 00-2292 EA 14" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,622.59	738.14
For Class 52 Rating, Deduct	-1,265.46	
For Class 54 Rating, Add	1,739.05	
For Class 55 Rating, Add	2,592.28	
For Class 56 Rating, Add	3,434.00	
40 05 19 00-2293 EA 14" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,914.50	741.87
For Class 52 Rating, Deduct	-1,296.95	
For Class 54 Rating, Add	1,782.06	
For Class 55 Rating, Add	2,656.25	
For Class 56 Rating, Add	3,518.65	
40 05 19 00-2294 EA 14" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,206.42	745.60
For Class 52 Rating, Deduct	-1,328.44	
For Class 54 Rating, Add	1,825.06	
For Class 55 Rating, Add	2,720.22	
For Class 56 Rating, Add	3,603.30	
40 05 19 00-2295 EA 14" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,498.33	749.32
For Class 52 Rating, Deduct	-1,359.93	
For Class 54 Rating, Add	1,868.07	
For Class 55 Rating, Add	2,784.19	
For Class 56 Rating, Add	3,687.95	
40 05 19 00-2296 EA 14" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,790.24	753.05
For Class 52 Rating, Deduct	-1,391.42	
For Class 54 Rating, Add	1,911.08	
For Class 55 Rating, Add	2,848.17	
For Class 56 Rating, Add	3,772.60	
40 05 19 00-2297 EA 14" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,082.15	756.78
For Class 52 Rating, Deduct	-1,422.91	
For Class 54 Rating, Add	1,954.09	
For Class 55 Rating, Add	2,912.14	
For Class 56 Rating, Add	3,857.25	
40 05 19 00-2298 EA 14" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,374.06	760.51
For Class 52 Rating, Deduct	-1,454.39	
For Class 54 Rating, Add	1,997.09	
For Class 55 Rating, Add	2,976.11	
For Class 56 Rating, Add	3,941.90	
40 05 19 00-2299 EA 14" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,665.98	764.24
For Class 52 Rating, Deduct	-1,485.88	
For Class 54 Rating, Add	2,040.10	
For Class 55 Rating, Add	3,040.08	
For Class 56 Rating, Add	4,026.56	
40 05 19 00-2300 16" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(# 05 19 00-2060)</small>		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

Cal Poly
Humboldt.

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2301	EA	16" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,534.99	715.77
		<i>For Class 52 Rating, Deduct</i>		-379.55	
		<i>For Class 54 Rating, Add</i>		530.59	
		<i>For Class 55 Rating, Add</i>		795.49	
		<i>For Class 56 Rating, Add</i>		1,056.94	
40 05 19 00-2302	EA	16" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		4,872.91	719.50
		<i>For Class 52 Rating, Deduct</i>		-416.10	
		<i>For Class 54 Rating, Add</i>		580.50	
		<i>For Class 55 Rating, Add</i>		869.72	
		<i>For Class 56 Rating, Add</i>		1,155.16	
40 05 19 00-2303	EA	16" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,210.83	723.23
		<i>For Class 52 Rating, Deduct</i>		-452.65	
		<i>For Class 54 Rating, Add</i>		630.40	
		<i>For Class 55 Rating, Add</i>		943.95	
		<i>For Class 56 Rating, Add</i>		1,253.38	
40 05 19 00-2304	EA	16" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,548.75	726.96
		<i>For Class 52 Rating, Deduct</i>		-489.20	
		<i>For Class 54 Rating, Add</i>		680.31	
		<i>For Class 55 Rating, Add</i>		1,018.18	
		<i>For Class 56 Rating, Add</i>		1,351.61	
40 05 19 00-2305	EA	16" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		5,886.66	730.68
		<i>For Class 52 Rating, Deduct</i>		-525.75	
		<i>For Class 54 Rating, Add</i>		730.22	
		<i>For Class 55 Rating, Add</i>		1,092.41	
		<i>For Class 56 Rating, Add</i>		1,449.83	
40 05 19 00-2306	EA	16" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,224.58	734.41
		<i>For Class 52 Rating, Deduct</i>		-562.30	
		<i>For Class 54 Rating, Add</i>		780.13	
		<i>For Class 55 Rating, Add</i>		1,166.65	
		<i>For Class 56 Rating, Add</i>		1,548.05	
40 05 19 00-2307	EA	16" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,562.50	738.14
		<i>For Class 52 Rating, Deduct</i>		-598.85	
		<i>For Class 54 Rating, Add</i>		830.04	
		<i>For Class 55 Rating, Add</i>		1,240.88	
		<i>For Class 56 Rating, Add</i>		1,646.27	
40 05 19 00-2308	EA	16" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		6,900.42	741.87
		<i>For Class 52 Rating, Deduct</i>		-635.40	
		<i>For Class 54 Rating, Add</i>		879.95	
		<i>For Class 55 Rating, Add</i>		1,315.11	
		<i>For Class 56 Rating, Add</i>		1,744.50	
40 05 19 00-2309	EA	16" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,238.35	745.60
		<i>For Class 52 Rating, Deduct</i>		-671.95	
		<i>For Class 54 Rating, Add</i>		929.85	
		<i>For Class 55 Rating, Add</i>		1,389.34	
		<i>For Class 56 Rating, Add</i>		1,842.72	
40 05 19 00-2310	EA	16" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,576.27	749.32
		<i>For Class 52 Rating, Deduct</i>		-708.50	
		<i>For Class 54 Rating, Add</i>		979.76	
		<i>For Class 55 Rating, Add</i>		1,463.57	
		<i>For Class 56 Rating, Add</i>		1,940.94	
40 05 19 00-2311	EA	16" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		7,914.18	753.05
		<i>For Class 52 Rating, Deduct</i>		-745.05	
		<i>For Class 54 Rating, Add</i>		1,029.67	
		<i>For Class 55 Rating, Add</i>		1,537.81	
		<i>For Class 56 Rating, Add</i>		2,039.17	
40 05 19 00-2312	EA	16" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,252.10	756.78
		<i>For Class 52 Rating, Deduct</i>		-781.60	
		<i>For Class 54 Rating, Add</i>		1,079.58	
		<i>For Class 55 Rating, Add</i>		1,612.04	
		<i>For Class 56 Rating, Add</i>		2,137.39	
40 05 19 00-2313	EA	16" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,590.02	760.51
		<i>For Class 52 Rating, Deduct</i>		-818.15	
		<i>For Class 54 Rating, Add</i>		1,129.49	
		<i>For Class 55 Rating, Add</i>		1,686.27	
		<i>For Class 56 Rating, Add</i>		2,235.61	
40 05 19 00-2314	EA	16" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,927.94	764.24
		<i>For Class 52 Rating, Deduct</i>		-854.70	
		<i>For Class 54 Rating, Add</i>		1,179.40	
		<i>For Class 55 Rating, Add</i>		1,760.50	
		<i>For Class 56 Rating, Add</i>		2,333.84	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2315 EA 16" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,265.86	767.96
<i>For Class 52 Rating, Deduct</i>	-891.25	
<i>For Class 54 Rating, Add</i>	1,229.30	
<i>For Class 55 Rating, Add</i>	1,834.73	
<i>For Class 56 Rating, Add</i>	2,432.06	
40 05 19 00-2316 EA 16" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,603.77	771.69
<i>For Class 52 Rating, Deduct</i>	-927.80	
<i>For Class 54 Rating, Add</i>	1,279.21	
<i>For Class 55 Rating, Add</i>	1,908.96	
<i>For Class 56 Rating, Add</i>	2,530.28	
40 05 19 00-2317 EA 16" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,941.69	775.42
<i>For Class 52 Rating, Deduct</i>	-964.35	
<i>For Class 54 Rating, Add</i>	1,329.12	
<i>For Class 55 Rating, Add</i>	1,983.20	
<i>For Class 56 Rating, Add</i>	2,628.50	
40 05 19 00-2318 EA 16" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,279.61	779.15
<i>For Class 52 Rating, Deduct</i>	-1,000.90	
<i>For Class 54 Rating, Add</i>	1,379.03	
<i>For Class 55 Rating, Add</i>	2,057.43	
<i>For Class 56 Rating, Add</i>	2,726.73	
40 05 19 00-2319 EA 16" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,617.52	782.88
<i>For Class 52 Rating, Deduct</i>	-1,037.45	
<i>For Class 54 Rating, Add</i>	1,428.94	
<i>For Class 55 Rating, Add</i>	2,131.66	
<i>For Class 56 Rating, Add</i>	2,824.95	
40 05 19 00-2320 EA 16" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,955.44	786.60
<i>For Class 52 Rating, Deduct</i>	-1,074.00	
<i>For Class 54 Rating, Add</i>	1,478.84	
<i>For Class 55 Rating, Add</i>	2,205.89	
<i>For Class 56 Rating, Add</i>	2,923.17	
40 05 19 00-2321 EA 16" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,293.36	790.33
<i>For Class 52 Rating, Deduct</i>	-1,110.55	
<i>For Class 54 Rating, Add</i>	1,528.75	
<i>For Class 55 Rating, Add</i>	2,280.12	
<i>For Class 56 Rating, Add</i>	3,021.39	
40 05 19 00-2322 EA 16" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,631.27	794.06
<i>For Class 52 Rating, Deduct</i>	-1,147.10	
<i>For Class 54 Rating, Add</i>	1,578.66	
<i>For Class 55 Rating, Add</i>	2,354.35	
<i>For Class 56 Rating, Add</i>	3,119.62	
40 05 19 00-2323 EA 16" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,969.19	797.79
<i>For Class 52 Rating, Deduct</i>	-1,183.65	
<i>For Class 54 Rating, Add</i>	1,628.57	
<i>For Class 55 Rating, Add</i>	2,428.58	
<i>For Class 56 Rating, Add</i>	3,217.84	
40 05 19 00-2324 EA 16" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,307.11	801.52
<i>For Class 52 Rating, Deduct</i>	-1,220.20	
<i>For Class 54 Rating, Add</i>	1,678.48	
<i>For Class 55 Rating, Add</i>	2,502.82	
<i>For Class 56 Rating, Add</i>	3,316.06	
40 05 19 00-2325 EA 16" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,645.03	805.24
<i>For Class 52 Rating, Deduct</i>	-1,256.75	
<i>For Class 54 Rating, Add</i>	1,728.38	
<i>For Class 55 Rating, Add</i>	2,577.05	
<i>For Class 56 Rating, Add</i>	3,414.29	
40 05 19 00-2326 EA 16" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,982.95	808.97
<i>For Class 52 Rating, Deduct</i>	-1,293.30	
<i>For Class 54 Rating, Add</i>	1,778.29	
<i>For Class 55 Rating, Add</i>	2,651.28	
<i>For Class 56 Rating, Add</i>	3,512.51	
40 05 19 00-2327 EA 16" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,320.86	812.70
<i>For Class 52 Rating, Deduct</i>	-1,329.85	
<i>For Class 54 Rating, Add</i>	1,828.20	
<i>For Class 55 Rating, Add</i>	2,725.51	
<i>For Class 56 Rating, Add</i>	3,610.73	
40 05 19 00-2328 EA 16" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,658.78	816.43
<i>For Class 52 Rating, Deduct</i>	-1,366.39	
<i>For Class 54 Rating, Add</i>	1,878.11	
<i>For Class 55 Rating, Add</i>	2,799.74	
<i>For Class 56 Rating, Add</i>	3,708.95	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2329	EA		16" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,996.70	820.16
			<i>For Class 52 Rating, Deduct</i>	-1,402.94	
			<i>For Class 54 Rating, Add</i>	1,928.02	
			<i>For Class 55 Rating, Add</i>	2,873.97	
			<i>For Class 56 Rating, Add</i>	3,807.18	
40 05 19 00-2330	EA		16" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,334.62	823.88
			<i>For Class 52 Rating, Deduct</i>	-1,439.49	
			<i>For Class 54 Rating, Add</i>	1,977.93	
			<i>For Class 55 Rating, Add</i>	2,948.21	
			<i>For Class 56 Rating, Add</i>	3,905.40	
40 05 19 00-2331	EA		16" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,672.54	827.61
			<i>For Class 52 Rating, Deduct</i>	-1,476.04	
			<i>For Class 54 Rating, Add</i>	2,027.83	
			<i>For Class 55 Rating, Add</i>	3,022.44	
			<i>For Class 56 Rating, Add</i>	4,003.62	
40 05 19 00-2332	EA		16" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,010.46	831.34
			<i>For Class 52 Rating, Deduct</i>	-1,512.59	
			<i>For Class 54 Rating, Add</i>	2,077.74	
			<i>For Class 55 Rating, Add</i>	3,096.67	
			<i>For Class 56 Rating, Add</i>	4,101.85	
40 05 19 00-2333	EA		16" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,348.37	835.07
			<i>For Class 52 Rating, Deduct</i>	-1,549.14	
			<i>For Class 54 Rating, Add</i>	2,127.65	
			<i>For Class 55 Rating, Add</i>	3,170.90	
			<i>For Class 56 Rating, Add</i>	4,200.07	
40 05 19 00-2334	EA		16" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,686.29	838.80
			<i>For Class 52 Rating, Deduct</i>	-1,585.69	
			<i>For Class 54 Rating, Add</i>	2,177.56	
			<i>For Class 55 Rating, Add</i>	3,245.13	
			<i>For Class 56 Rating, Add</i>	4,298.29	
40 05 19 00-2335	EA		16" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,024.21	842.52
			<i>For Class 52 Rating, Deduct</i>	-1,622.24	
			<i>For Class 54 Rating, Add</i>	2,227.47	
			<i>For Class 55 Rating, Add</i>	3,319.37	
			<i>For Class 56 Rating, Add</i>	4,396.52	
40 05 19 00-2336	EA		16" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,362.13	846.25
			<i>For Class 52 Rating, Deduct</i>	-1,658.79	
			<i>For Class 54 Rating, Add</i>	2,277.38	
			<i>For Class 55 Rating, Add</i>	3,393.60	
			<i>For Class 56 Rating, Add</i>	4,494.74	
40 05 19 00-2337	EA		16" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,700.05	849.98
			<i>For Class 52 Rating, Deduct</i>	-1,695.34	
			<i>For Class 54 Rating, Add</i>	2,327.28	
			<i>For Class 55 Rating, Add</i>	3,467.83	
			<i>For Class 56 Rating, Add</i>	4,592.96	
40 05 19 00-2338	EA		16" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,037.96	853.71
			<i>For Class 52 Rating, Deduct</i>	-1,731.89	
			<i>For Class 54 Rating, Add</i>	2,377.19	
			<i>For Class 55 Rating, Add</i>	3,542.06	
			<i>For Class 56 Rating, Add</i>	4,691.18	
40 05 19 00-2339			18" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2340	EA		18" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,286.24	806.74
			<i>For Class 52 Rating, Deduct</i>	-447.03	
			<i>For Class 54 Rating, Add</i>	624.25	
			<i>For Class 55 Rating, Add</i>	935.59	
			<i>For Class 56 Rating, Add</i>	1,242.86	
40 05 19 00-2341	EA		18" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,675.27	810.46
			<i>For Class 52 Rating, Deduct</i>	-489.20	
			<i>For Class 54 Rating, Add</i>	681.83	
			<i>For Class 55 Rating, Add</i>	1,021.22	
			<i>For Class 56 Rating, Add</i>	1,356.16	
40 05 19 00-2342	EA		18" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,064.31	814.19
			<i>For Class 52 Rating, Deduct</i>	-531.38	
			<i>For Class 54 Rating, Add</i>	739.41	
			<i>For Class 55 Rating, Add</i>	1,106.85	
			<i>For Class 56 Rating, Add</i>	1,469.46	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2343 EA 18" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	6,453.35	817.92
For Class 52 Rating, Deduct	-573.55	
For Class 54 Rating, Add	796.98	
For Class 55 Rating, Add	1,192.48	
For Class 56 Rating, Add	1,582.77	
40 05 19 00-2344 EA 18" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	6,842.38	821.65
For Class 52 Rating, Deduct	-615.72	
For Class 54 Rating, Add	854.56	
For Class 55 Rating, Add	1,278.11	
For Class 56 Rating, Add	1,696.07	
40 05 19 00-2345 EA 18" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	7,231.42	825.38
For Class 52 Rating, Deduct	-657.89	
For Class 54 Rating, Add	912.13	
For Class 55 Rating, Add	1,363.74	
For Class 56 Rating, Add	1,809.37	
40 05 19 00-2346 EA 18" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	7,620.45	829.10
For Class 52 Rating, Deduct	-700.07	
For Class 54 Rating, Add	969.71	
For Class 55 Rating, Add	1,449.37	
For Class 56 Rating, Add	1,922.67	
40 05 19 00-2347 EA 18" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	8,009.49	832.83
For Class 52 Rating, Deduct	-742.24	
For Class 54 Rating, Add	1,027.29	
For Class 55 Rating, Add	1,535.01	
For Class 56 Rating, Add	2,035.98	
40 05 19 00-2348 EA 18" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	8,398.53	836.56
For Class 52 Rating, Deduct	-784.41	
For Class 54 Rating, Add	1,084.86	
For Class 55 Rating, Add	1,620.64	
For Class 56 Rating, Add	2,149.28	
40 05 19 00-2349 EA 18" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	8,787.56	840.29
For Class 52 Rating, Deduct	-826.58	
For Class 54 Rating, Add	1,142.44	
For Class 55 Rating, Add	1,706.27	
For Class 56 Rating, Add	2,262.58	
40 05 19 00-2350 EA 18" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	9,176.60	844.02
For Class 52 Rating, Deduct	-868.76	
For Class 54 Rating, Add	1,200.01	
For Class 55 Rating, Add	1,791.90	
For Class 56 Rating, Add	2,375.89	
40 05 19 00-2351 EA 18" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	9,565.64	847.74
For Class 52 Rating, Deduct	-910.93	
For Class 54 Rating, Add	1,257.59	
For Class 55 Rating, Add	1,877.53	
For Class 56 Rating, Add	2,489.19	
40 05 19 00-2352 EA 18" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	9,954.67	851.47
For Class 52 Rating, Deduct	-953.10	
For Class 54 Rating, Add	1,315.17	
For Class 55 Rating, Add	1,963.16	
For Class 56 Rating, Add	2,602.49	
40 05 19 00-2353 EA 18" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	10,343.72	855.20
For Class 52 Rating, Deduct	-995.28	
For Class 54 Rating, Add	1,372.74	
For Class 55 Rating, Add	2,048.79	
For Class 56 Rating, Add	2,715.80	
40 05 19 00-2354 EA 18" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	10,732.75	858.93
For Class 52 Rating, Deduct	-1,037.45	
For Class 54 Rating, Add	1,430.32	
For Class 55 Rating, Add	2,134.42	
For Class 56 Rating, Add	2,829.10	
40 05 19 00-2355 EA 18" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	11,121.79	862.66
For Class 52 Rating, Deduct	-1,079.62	
For Class 54 Rating, Add	1,487.89	
For Class 55 Rating, Add	2,220.05	
For Class 56 Rating, Add	2,942.40	
40 05 19 00-2356 EA 18" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	11,510.83	866.38
For Class 52 Rating, Deduct	-1,121.79	
For Class 54 Rating, Add	1,545.47	
For Class 55 Rating, Add	2,305.69	
For Class 56 Rating, Add	3,055.70	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2357	EA		18" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,899.86	870.11
			<i>For Class 52 Rating, Deduct</i>	-1,163.97	
			<i>For Class 54 Rating, Add</i>	1,603.05	
			<i>For Class 55 Rating, Add</i>	2,391.32	
			<i>For Class 56 Rating, Add</i>	3,169.01	
40 05 19 00-2358	EA		18" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,288.90	873.84
			<i>For Class 52 Rating, Deduct</i>	-1,206.14	
			<i>For Class 54 Rating, Add</i>	1,660.62	
			<i>For Class 55 Rating, Add</i>	2,476.95	
			<i>For Class 56 Rating, Add</i>	3,282.31	
40 05 19 00-2359	EA		18" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,677.93	877.57
			<i>For Class 52 Rating, Deduct</i>	-1,248.31	
			<i>For Class 54 Rating, Add</i>	1,718.20	
			<i>For Class 55 Rating, Add</i>	2,562.58	
			<i>For Class 56 Rating, Add</i>	3,395.61	
40 05 19 00-2360	EA		18" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,066.97	881.30
			<i>For Class 52 Rating, Deduct</i>	-1,290.48	
			<i>For Class 54 Rating, Add</i>	1,775.77	
			<i>For Class 55 Rating, Add</i>	2,648.21	
			<i>For Class 56 Rating, Add</i>	3,508.91	
40 05 19 00-2361	EA		18" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,456.01	885.02
			<i>For Class 52 Rating, Deduct</i>	-1,332.66	
			<i>For Class 54 Rating, Add</i>	1,833.35	
			<i>For Class 55 Rating, Add</i>	2,733.84	
			<i>For Class 56 Rating, Add</i>	3,622.22	
40 05 19 00-2362	EA		18" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,845.05	888.75
			<i>For Class 52 Rating, Deduct</i>	-1,374.83	
			<i>For Class 54 Rating, Add</i>	1,890.93	
			<i>For Class 55 Rating, Add</i>	2,819.47	
			<i>For Class 56 Rating, Add</i>	3,735.52	
40 05 19 00-2363	EA		18" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,234.08	892.48
			<i>For Class 52 Rating, Deduct</i>	-1,417.00	
			<i>For Class 54 Rating, Add</i>	1,948.50	
			<i>For Class 55 Rating, Add</i>	2,905.10	
			<i>For Class 56 Rating, Add</i>	3,848.82	
40 05 19 00-2364	EA		18" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,623.11	896.21
			<i>For Class 52 Rating, Deduct</i>	-1,459.17	
			<i>For Class 54 Rating, Add</i>	2,006.08	
			<i>For Class 55 Rating, Add</i>	2,990.73	
			<i>For Class 56 Rating, Add</i>	3,962.12	
40 05 19 00-2365	EA		18" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,012.15	899.94
			<i>For Class 52 Rating, Deduct</i>	-1,501.35	
			<i>For Class 54 Rating, Add</i>	2,063.65	
			<i>For Class 55 Rating, Add</i>	3,076.36	
			<i>For Class 56 Rating, Add</i>	4,075.43	
40 05 19 00-2366	EA		18" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,401.19	903.66
			<i>For Class 52 Rating, Deduct</i>	-1,543.52	
			<i>For Class 54 Rating, Add</i>	2,121.23	
			<i>For Class 55 Rating, Add</i>	3,162.00	
			<i>For Class 56 Rating, Add</i>	4,188.73	
40 05 19 00-2367	EA		18" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,790.23	907.39
			<i>For Class 52 Rating, Deduct</i>	-1,585.69	
			<i>For Class 54 Rating, Add</i>	2,178.81	
			<i>For Class 55 Rating, Add</i>	3,247.63	
			<i>For Class 56 Rating, Add</i>	4,302.03	
40 05 19 00-2368	EA		18" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,179.26	911.12
			<i>For Class 52 Rating, Deduct</i>	-1,627.87	
			<i>For Class 54 Rating, Add</i>	2,236.38	
			<i>For Class 55 Rating, Add</i>	3,333.26	
			<i>For Class 56 Rating, Add</i>	4,415.34	
40 05 19 00-2369	EA		18" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,568.29	914.85
			<i>For Class 52 Rating, Deduct</i>	-1,670.04	
			<i>For Class 54 Rating, Add</i>	2,293.96	
			<i>For Class 55 Rating, Add</i>	3,418.89	
			<i>For Class 56 Rating, Add</i>	4,528.64	
40 05 19 00-2370	EA		18" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,957.33	918.58
			<i>For Class 52 Rating, Deduct</i>	-1,712.21	
			<i>For Class 54 Rating, Add</i>	2,351.53	
			<i>For Class 55 Rating, Add</i>	3,504.52	
			<i>For Class 56 Rating, Add</i>	4,641.94	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2371 EA 18" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,346.37	922.30
<i>For Class 52 Rating, Deduct</i>	-1,754.38	
<i>For Class 54 Rating, Add</i>	2,409.11	
<i>For Class 55 Rating, Add</i>	3,590.15	
<i>For Class 56 Rating, Add</i>	4,755.24	
40 05 19 00-2372 EA 18" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,735.41	926.03
<i>For Class 52 Rating, Deduct</i>	-1,796.56	
<i>For Class 54 Rating, Add</i>	2,466.69	
<i>For Class 55 Rating, Add</i>	3,675.78	
<i>For Class 56 Rating, Add</i>	4,868.55	
40 05 19 00-2373 EA 18" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,124.45	929.76
<i>For Class 52 Rating, Deduct</i>	-1,838.73	
<i>For Class 54 Rating, Add</i>	2,524.26	
<i>For Class 55 Rating, Add</i>	3,761.42	
<i>For Class 56 Rating, Add</i>	4,981.85	
40 05 19 00-2374 EA 18" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,513.47	933.49
<i>For Class 52 Rating, Deduct</i>	-1,880.90	
<i>For Class 54 Rating, Add</i>	2,581.84	
<i>For Class 55 Rating, Add</i>	3,847.04	
<i>For Class 56 Rating, Add</i>	5,095.15	
40 05 19 00-2375 EA 18" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,902.51	937.22
<i>For Class 52 Rating, Deduct</i>	-1,923.07	
<i>For Class 54 Rating, Add</i>	2,639.41	
<i>For Class 55 Rating, Add</i>	3,932.68	
<i>For Class 56 Rating, Add</i>	5,208.46	
40 05 19 00-2376 EA 18" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,291.55	940.94
<i>For Class 52 Rating, Deduct</i>	-1,965.25	
<i>For Class 54 Rating, Add</i>	2,696.99	
<i>For Class 55 Rating, Add</i>	4,018.31	
<i>For Class 56 Rating, Add</i>	5,321.76	
40 05 19 00-2377 EA 18" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,680.59	944.67
<i>For Class 52 Rating, Deduct</i>	-2,007.42	
<i>For Class 54 Rating, Add</i>	2,754.57	
<i>For Class 55 Rating, Add</i>	4,103.94	
<i>For Class 56 Rating, Add</i>	5,435.06	
40 05 19 00-2378 20" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2379 EA 20" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,187.52	920.81
<i>For Class 52 Rating, Deduct</i>	-527.16	
<i>For Class 54 Rating, Add</i>	735.59	
<i>For Class 55 Rating, Add</i>	1,102.18	
<i>For Class 56 Rating, Add</i>	1,463.97	
40 05 19 00-2380 EA 20" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,630.23	924.54
<i>For Class 52 Rating, Deduct</i>	-575.24	
<i>For Class 54 Rating, Add</i>	801.22	
<i>For Class 55 Rating, Add</i>	1,199.78	
<i>For Class 56 Rating, Add</i>	1,593.11	
40 05 19 00-2381 EA 20" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,072.94	928.27
<i>For Class 52 Rating, Deduct</i>	-623.31	
<i>For Class 54 Rating, Add</i>	866.85	
<i>For Class 55 Rating, Add</i>	1,297.38	
<i>For Class 56 Rating, Add</i>	1,722.24	
40 05 19 00-2382 EA 20" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,515.66	932.00
<i>For Class 52 Rating, Deduct</i>	-671.39	
<i>For Class 54 Rating, Add</i>	932.48	
<i>For Class 55 Rating, Add</i>	1,394.98	
<i>For Class 56 Rating, Add</i>	1,851.38	
40 05 19 00-2383 EA 20" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,958.36	935.72
<i>For Class 52 Rating, Deduct</i>	-719.47	
<i>For Class 54 Rating, Add</i>	998.10	
<i>For Class 55 Rating, Add</i>	1,492.58	
<i>For Class 56 Rating, Add</i>	1,980.52	
40 05 19 00-2384 EA 20" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,401.07	939.45
<i>For Class 52 Rating, Deduct</i>	-767.54	
<i>For Class 54 Rating, Add</i>	1,063.73	
<i>For Class 55 Rating, Add</i>	1,590.18	
<i>For Class 56 Rating, Add</i>	2,109.65	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2385	EA	20" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		8,843.78	943.18
		<i>For Class 52 Rating, Deduct</i>		-815.62	
		<i>For Class 54 Rating, Add</i>		1,129.36	
		<i>For Class 55 Rating, Add</i>		1,687.78	
		<i>For Class 56 Rating, Add</i>		2,238.79	
40 05 19 00-2386	EA	20" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,286.50	946.91
		<i>For Class 52 Rating, Deduct</i>		-863.70	
		<i>For Class 54 Rating, Add</i>		1,194.99	
		<i>For Class 55 Rating, Add</i>		1,785.38	
		<i>For Class 56 Rating, Add</i>		2,367.93	
40 05 19 00-2387	EA	20" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		9,729.21	950.64
		<i>For Class 52 Rating, Deduct</i>		-911.77	
		<i>For Class 54 Rating, Add</i>		1,260.61	
		<i>For Class 55 Rating, Add</i>		1,882.98	
		<i>For Class 56 Rating, Add</i>		2,497.06	
40 05 19 00-2388	EA	20" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,171.92	954.36
		<i>For Class 52 Rating, Deduct</i>		-959.85	
		<i>For Class 54 Rating, Add</i>		1,326.24	
		<i>For Class 55 Rating, Add</i>		1,980.58	
		<i>For Class 56 Rating, Add</i>		2,626.20	
40 05 19 00-2389	EA	20" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		10,614.62	958.09
		<i>For Class 52 Rating, Deduct</i>		-1,007.93	
		<i>For Class 54 Rating, Add</i>		1,391.87	
		<i>For Class 55 Rating, Add</i>		2,078.18	
		<i>For Class 56 Rating, Add</i>		2,755.34	
40 05 19 00-2390	EA	20" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		11,057.34	961.82
		<i>For Class 52 Rating, Deduct</i>		-1,056.00	
		<i>For Class 54 Rating, Add</i>		1,457.49	
		<i>For Class 55 Rating, Add</i>		2,175.78	
		<i>For Class 56 Rating, Add</i>		2,884.47	
40 05 19 00-2391	EA	20" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		11,500.05	965.55
		<i>For Class 52 Rating, Deduct</i>		-1,104.08	
		<i>For Class 54 Rating, Add</i>		1,523.12	
		<i>For Class 55 Rating, Add</i>		2,273.38	
		<i>For Class 56 Rating, Add</i>		3,013.61	
40 05 19 00-2392	EA	20" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		11,942.76	969.28
		<i>For Class 52 Rating, Deduct</i>		-1,152.16	
		<i>For Class 54 Rating, Add</i>		1,588.75	
		<i>For Class 55 Rating, Add</i>		2,370.98	
		<i>For Class 56 Rating, Add</i>		3,142.75	
40 05 19 00-2393	EA	20" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		12,385.47	973.00
		<i>For Class 52 Rating, Deduct</i>		-1,200.23	
		<i>For Class 54 Rating, Add</i>		1,654.37	
		<i>For Class 55 Rating, Add</i>		2,468.58	
		<i>For Class 56 Rating, Add</i>		3,271.88	
40 05 19 00-2394	EA	20" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		12,828.17	976.73
		<i>For Class 52 Rating, Deduct</i>		-1,248.31	
		<i>For Class 54 Rating, Add</i>		1,720.00	
		<i>For Class 55 Rating, Add</i>		2,566.18	
		<i>For Class 56 Rating, Add</i>		3,401.02	
40 05 19 00-2395	EA	20" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		13,270.89	980.46
		<i>For Class 52 Rating, Deduct</i>		-1,296.39	
		<i>For Class 54 Rating, Add</i>		1,785.63	
		<i>For Class 55 Rating, Add</i>		2,663.79	
		<i>For Class 56 Rating, Add</i>		3,530.16	
40 05 19 00-2396	EA	20" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		13,713.60	984.19
		<i>For Class 52 Rating, Deduct</i>		-1,344.47	
		<i>For Class 54 Rating, Add</i>		1,851.26	
		<i>For Class 55 Rating, Add</i>		2,761.39	
		<i>For Class 56 Rating, Add</i>		3,659.29	
40 05 19 00-2397	EA	20" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,156.31	987.92
		<i>For Class 52 Rating, Deduct</i>		-1,392.54	
		<i>For Class 54 Rating, Add</i>		1,916.88	
		<i>For Class 55 Rating, Add</i>		2,858.99	
		<i>For Class 56 Rating, Add</i>		3,788.43	
40 05 19 00-2398	EA	20" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		14,599.02	991.64
		<i>For Class 52 Rating, Deduct</i>		-1,440.62	
		<i>For Class 54 Rating, Add</i>		1,982.51	
		<i>For Class 55 Rating, Add</i>		2,956.59	
		<i>For Class 56 Rating, Add</i>		3,917.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2399 EA 20" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,041.74	995.37
<i>For Class 52 Rating, Deduct</i>	-1,488.70	
<i>For Class 54 Rating, Add</i>	2,048.14	
<i>For Class 55 Rating, Add</i>	3,054.19	
<i>For Class 56 Rating, Add</i>	4,046.71	
40 05 19 00-2400 EA 20" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,484.44	999.10
<i>For Class 52 Rating, Deduct</i>	-1,536.77	
<i>For Class 54 Rating, Add</i>	2,113.76	
<i>For Class 55 Rating, Add</i>	3,151.79	
<i>For Class 56 Rating, Add</i>	4,175.84	
40 05 19 00-2401 EA 20" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,927.15	1,002.83
<i>For Class 52 Rating, Deduct</i>	-1,584.85	
<i>For Class 54 Rating, Add</i>	2,179.39	
<i>For Class 55 Rating, Add</i>	3,249.39	
<i>For Class 56 Rating, Add</i>	4,304.98	
40 05 19 00-2402 EA 20" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,369.86	1,006.56
<i>For Class 52 Rating, Deduct</i>	-1,632.93	
<i>For Class 54 Rating, Add</i>	2,245.02	
<i>For Class 55 Rating, Add</i>	3,346.99	
<i>For Class 56 Rating, Add</i>	4,434.11	
40 05 19 00-2403 EA 20" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,812.58	1,010.28
<i>For Class 52 Rating, Deduct</i>	-1,681.00	
<i>For Class 54 Rating, Add</i>	2,310.65	
<i>For Class 55 Rating, Add</i>	3,444.59	
<i>For Class 56 Rating, Add</i>	4,563.25	
40 05 19 00-2404 EA 20" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,255.29	1,014.01
<i>For Class 52 Rating, Deduct</i>	-1,729.08	
<i>For Class 54 Rating, Add</i>	2,376.27	
<i>For Class 55 Rating, Add</i>	3,542.19	
<i>For Class 56 Rating, Add</i>	4,692.39	
40 05 19 00-2405 EA 20" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,698.00	1,017.74
<i>For Class 52 Rating, Deduct</i>	-1,777.16	
<i>For Class 54 Rating, Add</i>	2,441.90	
<i>For Class 55 Rating, Add</i>	3,639.79	
<i>For Class 56 Rating, Add</i>	4,821.52	
40 05 19 00-2406 EA 20" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,140.71	1,021.47
<i>For Class 52 Rating, Deduct</i>	-1,825.23	
<i>For Class 54 Rating, Add</i>	2,507.53	
<i>For Class 55 Rating, Add</i>	3,737.39	
<i>For Class 56 Rating, Add</i>	4,950.66	
40 05 19 00-2407 EA 20" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,583.43	1,025.20
<i>For Class 52 Rating, Deduct</i>	-1,873.31	
<i>For Class 54 Rating, Add</i>	2,573.15	
<i>For Class 55 Rating, Add</i>	3,834.99	
<i>For Class 56 Rating, Add</i>	5,079.80	
40 05 19 00-2408 EA 20" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,026.14	1,028.92
<i>For Class 52 Rating, Deduct</i>	-1,921.39	
<i>For Class 54 Rating, Add</i>	2,638.78	
<i>For Class 55 Rating, Add</i>	3,932.59	
<i>For Class 56 Rating, Add</i>	5,208.94	
40 05 19 00-2409 EA 20" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,468.85	1,032.65
<i>For Class 52 Rating, Deduct</i>	-1,969.46	
<i>For Class 54 Rating, Add</i>	2,704.41	
<i>For Class 55 Rating, Add</i>	4,030.19	
<i>For Class 56 Rating, Add</i>	5,338.07	
40 05 19 00-2410 EA 20" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,911.56	1,036.38
<i>For Class 52 Rating, Deduct</i>	-2,017.54	
<i>For Class 54 Rating, Add</i>	2,770.04	
<i>For Class 55 Rating, Add</i>	4,127.79	
<i>For Class 56 Rating, Add</i>	5,467.21	
40 05 19 00-2411 EA 20" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,354.26	1,040.11
<i>For Class 52 Rating, Deduct</i>	-2,065.62	
<i>For Class 54 Rating, Add</i>	2,835.66	
<i>For Class 55 Rating, Add</i>	4,225.39	
<i>For Class 56 Rating, Add</i>	5,596.34	
40 05 19 00-2412 EA 20" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,796.98	1,043.83
<i>For Class 52 Rating, Deduct</i>	-2,113.70	
<i>For Class 54 Rating, Add</i>	2,901.29	
<i>For Class 55 Rating, Add</i>	4,322.99	
<i>For Class 56 Rating, Add</i>	5,725.48	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2413	EA		20" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,239.69	1,047.56
			<i>For Class 52 Rating, Deduct</i>	-2,161.77	
			<i>For Class 54 Rating, Add</i>	2,966.92	
			<i>For Class 55 Rating, Add</i>	4,420.59	
			<i>For Class 56 Rating, Add</i>	5,854.62	
40 05 19 00-2414	EA		20" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,682.40	1,051.29
			<i>For Class 52 Rating, Deduct</i>	-2,209.85	
			<i>For Class 54 Rating, Add</i>	3,032.54	
			<i>For Class 55 Rating, Add</i>	4,518.19	
			<i>For Class 56 Rating, Add</i>	5,983.75	
40 05 19 00-2415	EA		20" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,125.11	1,055.02
			<i>For Class 52 Rating, Deduct</i>	-2,257.92	
			<i>For Class 54 Rating, Add</i>	3,098.17	
			<i>For Class 55 Rating, Add</i>	4,615.79	
			<i>For Class 56 Rating, Add</i>	6,112.89	
40 05 19 00-2416	EA		20" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,567.82	1,058.75
			<i>For Class 52 Rating, Deduct</i>	-2,306.00	
			<i>For Class 54 Rating, Add</i>	3,163.80	
			<i>For Class 55 Rating, Add</i>	4,713.40	
			<i>For Class 56 Rating, Add</i>	6,242.03	
40 05 19 00-2417			24" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2418	EA		24" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,630.20	1,088.57
			<i>For Class 52 Rating, Deduct</i>	-657.89	
			<i>For Class 54 Rating, Add</i>	916.92	
			<i>For Class 55 Rating, Add</i>	1,373.31	
			<i>For Class 56 Rating, Add</i>	1,823.73	
40 05 19 00-2419	EA		24" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,177.71	1,092.30
			<i>For Class 52 Rating, Deduct</i>	-717.50	
			<i>For Class 54 Rating, Add</i>	998.27	
			<i>For Class 55 Rating, Add</i>	1,494.28	
			<i>For Class 56 Rating, Add</i>	1,983.78	
40 05 19 00-2420	EA		24" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,725.21	1,096.03
			<i>For Class 52 Rating, Deduct</i>	-777.10	
			<i>For Class 54 Rating, Add</i>	1,079.61	
			<i>For Class 55 Rating, Add</i>	1,615.25	
			<i>For Class 56 Rating, Add</i>	2,143.83	
40 05 19 00-2421	EA		24" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,272.71	1,099.75
			<i>For Class 52 Rating, Deduct</i>	-836.71	
			<i>For Class 54 Rating, Add</i>	1,160.96	
			<i>For Class 55 Rating, Add</i>	1,736.22	
			<i>For Class 56 Rating, Add</i>	2,303.88	
40 05 19 00-2422	EA		24" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,820.21	1,103.48
			<i>For Class 52 Rating, Deduct</i>	-896.31	
			<i>For Class 54 Rating, Add</i>	1,242.30	
			<i>For Class 55 Rating, Add</i>	1,857.19	
			<i>For Class 56 Rating, Add</i>	2,463.93	
40 05 19 00-2423	EA		24" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,367.72	1,107.21
			<i>For Class 52 Rating, Deduct</i>	-955.91	
			<i>For Class 54 Rating, Add</i>	1,323.65	
			<i>For Class 55 Rating, Add</i>	1,978.16	
			<i>For Class 56 Rating, Add</i>	2,623.98	
40 05 19 00-2424	EA		24" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,915.22	1,110.94
			<i>For Class 52 Rating, Deduct</i>	-1,015.52	
			<i>For Class 54 Rating, Add</i>	1,405.00	
			<i>For Class 55 Rating, Add</i>	2,099.13	
			<i>For Class 56 Rating, Add</i>	2,784.03	
40 05 19 00-2425	EA		24" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,462.73	1,114.67
			<i>For Class 52 Rating, Deduct</i>	-1,075.12	
			<i>For Class 54 Rating, Add</i>	1,486.34	
			<i>For Class 55 Rating, Add</i>	2,220.10	
			<i>For Class 56 Rating, Add</i>	2,944.08	
40 05 19 00-2426	EA		24" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,010.23	1,118.39
			<i>For Class 52 Rating, Deduct</i>	-1,134.73	
			<i>For Class 54 Rating, Add</i>	1,567.69	
			<i>For Class 55 Rating, Add</i>	2,341.07	
			<i>For Class 56 Rating, Add</i>	3,104.13	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2427 EA 24" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,557.73	1,122.12
For Class 52 Rating, Deduct	-1,194.33	
For Class 54 Rating, Add	1,649.03	
For Class 55 Rating, Add	2,462.04	
For Class 56 Rating, Add	3,264.18	
40 05 19 00-2428 EA 24" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,105.23	1,125.85
For Class 52 Rating, Deduct	-1,253.93	
For Class 54 Rating, Add	1,730.38	
For Class 55 Rating, Add	2,583.01	
For Class 56 Rating, Add	3,424.23	
40 05 19 00-2429 EA 24" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,652.74	1,129.58
For Class 52 Rating, Deduct	-1,313.54	
For Class 54 Rating, Add	1,811.73	
For Class 55 Rating, Add	2,703.98	
For Class 56 Rating, Add	3,584.28	
40 05 19 00-2430 EA 24" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,200.24	1,133.31
For Class 52 Rating, Deduct	-1,373.14	
For Class 54 Rating, Add	1,893.07	
For Class 55 Rating, Add	2,824.94	
For Class 56 Rating, Add	3,744.33	
40 05 19 00-2431 EA 24" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,747.75	1,137.03
For Class 52 Rating, Deduct	-1,432.75	
For Class 54 Rating, Add	1,974.42	
For Class 55 Rating, Add	2,945.92	
For Class 56 Rating, Add	3,904.39	
40 05 19 00-2432 EA 24" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,295.24	1,140.76
For Class 52 Rating, Deduct	-1,492.35	
For Class 54 Rating, Add	2,055.76	
For Class 55 Rating, Add	3,066.88	
For Class 56 Rating, Add	4,064.44	
40 05 19 00-2433 EA 24" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,842.75	1,144.49
For Class 52 Rating, Deduct	-1,551.95	
For Class 54 Rating, Add	2,137.11	
For Class 55 Rating, Add	3,187.85	
For Class 56 Rating, Add	4,224.49	
40 05 19 00-2434 EA 24" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,390.25	1,148.22
For Class 52 Rating, Deduct	-1,611.56	
For Class 54 Rating, Add	2,218.46	
For Class 55 Rating, Add	3,308.82	
For Class 56 Rating, Add	4,384.54	
40 05 19 00-2435 EA 24" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,937.77	1,151.95
For Class 52 Rating, Deduct	-1,671.16	
For Class 54 Rating, Add	2,299.80	
For Class 55 Rating, Add	3,429.79	
For Class 56 Rating, Add	4,544.59	
40 05 19 00-2436 EA 24" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,485.27	1,155.67
For Class 52 Rating, Deduct	-1,730.77	
For Class 54 Rating, Add	2,381.15	
For Class 55 Rating, Add	3,550.76	
For Class 56 Rating, Add	4,704.64	
40 05 19 00-2437 EA 24" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,032.78	1,159.40
For Class 52 Rating, Deduct	-1,790.37	
For Class 54 Rating, Add	2,462.50	
For Class 55 Rating, Add	3,671.73	
For Class 56 Rating, Add	4,864.69	
40 05 19 00-2438 EA 24" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,580.27	1,163.13
For Class 52 Rating, Deduct	-1,849.97	
For Class 54 Rating, Add	2,543.84	
For Class 55 Rating, Add	3,792.70	
For Class 56 Rating, Add	5,024.74	
40 05 19 00-2439 EA 24" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,127.78	1,166.86
For Class 52 Rating, Deduct	-1,909.58	
For Class 54 Rating, Add	2,625.19	
For Class 55 Rating, Add	3,913.67	
For Class 56 Rating, Add	5,184.79	
40 05 19 00-2440 EA 24" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,675.28	1,170.59
For Class 52 Rating, Deduct	-1,969.18	
For Class 54 Rating, Add	2,706.53	
For Class 55 Rating, Add	4,034.64	
For Class 56 Rating, Add	5,344.84	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2441	EA		24" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,222.79	1,174.31
			<i>For Class 52 Rating, Deduct</i>	-2,028.79	
			<i>For Class 54 Rating, Add</i>	2,787.88	
			<i>For Class 55 Rating, Add</i>	4,155.61	
			<i>For Class 56 Rating, Add</i>	5,504.89	
40 05 19 00-2442	EA		24" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,770.29	1,178.04
			<i>For Class 52 Rating, Deduct</i>	-2,088.39	
			<i>For Class 54 Rating, Add</i>	2,869.22	
			<i>For Class 55 Rating, Add</i>	4,276.58	
			<i>For Class 56 Rating, Add</i>	5,664.94	
40 05 19 00-2443	EA		24" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,317.79	1,181.77
			<i>For Class 52 Rating, Deduct</i>	-2,148.00	
			<i>For Class 54 Rating, Add</i>	2,950.57	
			<i>For Class 55 Rating, Add</i>	4,397.55	
			<i>For Class 56 Rating, Add</i>	5,824.99	
40 05 19 00-2444	EA		24" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,865.29	1,185.50
			<i>For Class 52 Rating, Deduct</i>	-2,207.60	
			<i>For Class 54 Rating, Add</i>	3,031.92	
			<i>For Class 55 Rating, Add</i>	4,518.51	
			<i>For Class 56 Rating, Add</i>	5,985.04	
40 05 19 00-2445	EA		24" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,412.80	1,189.23
			<i>For Class 52 Rating, Deduct</i>	-2,267.20	
			<i>For Class 54 Rating, Add</i>	3,113.26	
			<i>For Class 55 Rating, Add</i>	4,639.48	
			<i>For Class 56 Rating, Add</i>	6,145.09	
40 05 19 00-2446	EA		24" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,960.30	1,192.95
			<i>For Class 52 Rating, Deduct</i>	-2,326.81	
			<i>For Class 54 Rating, Add</i>	3,194.61	
			<i>For Class 55 Rating, Add</i>	4,760.45	
			<i>For Class 56 Rating, Add</i>	6,305.14	
40 05 19 00-2447	EA		24" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,603.83	1,260.06
			<i>For Class 52 Rating, Deduct</i>	-2,386.41	
			<i>For Class 54 Rating, Add</i>	3,277.11	
			<i>For Class 55 Rating, Add</i>	4,883.73	
			<i>For Class 56 Rating, Add</i>	6,468.65	
40 05 19 00-2448	EA		24" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,151.32	1,263.79
			<i>For Class 52 Rating, Deduct</i>	-2,446.02	
			<i>For Class 54 Rating, Add</i>	3,358.45	
			<i>For Class 55 Rating, Add</i>	5,004.70	
			<i>For Class 56 Rating, Add</i>	6,628.70	
40 05 19 00-2449	EA		24" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,698.83	1,267.51
			<i>For Class 52 Rating, Deduct</i>	-2,505.62	
			<i>For Class 54 Rating, Add</i>	3,439.80	
			<i>For Class 55 Rating, Add</i>	5,125.67	
			<i>For Class 56 Rating, Add</i>	6,788.75	
40 05 19 00-2450	EA		24" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,246.33	1,271.24
			<i>For Class 52 Rating, Deduct</i>	-2,565.22	
			<i>For Class 54 Rating, Add</i>	3,521.14	
			<i>For Class 55 Rating, Add</i>	5,246.63	
			<i>For Class 56 Rating, Add</i>	6,948.80	
40 05 19 00-2451	EA		24" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,793.84	1,274.97
			<i>For Class 52 Rating, Deduct</i>	-2,624.83	
			<i>For Class 54 Rating, Add</i>	3,602.49	
			<i>For Class 55 Rating, Add</i>	5,367.60	
			<i>For Class 56 Rating, Add</i>	7,108.85	
40 05 19 00-2452	EA		24" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,341.34	1,278.70
			<i>For Class 52 Rating, Deduct</i>	-2,684.43	
			<i>For Class 54 Rating, Add</i>	3,683.84	
			<i>For Class 55 Rating, Add</i>	5,488.57	
			<i>For Class 56 Rating, Add</i>	7,268.90	
40 05 19 00-2453	EA		24" Flanged (FxF), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,888.85	1,282.43
			<i>For Class 52 Rating, Deduct</i>	-2,744.04	
			<i>For Class 54 Rating, Add</i>	3,765.18	
			<i>For Class 55 Rating, Add</i>	5,609.54	
			<i>For Class 56 Rating, Add</i>	7,428.96	
40 05 19 00-2454	EA		24" Flanged (FxF), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,436.35	1,286.15
			<i>For Class 52 Rating, Deduct</i>	-2,803.64	
			<i>For Class 54 Rating, Add</i>	3,846.53	
			<i>For Class 55 Rating, Add</i>	5,730.51	
			<i>For Class 56 Rating, Add</i>	7,589.00	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2455 EA 24" Flanged (FxF), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,983.86	1,289.88
<i>For Class 52 Rating, Deduct</i>	-2,863.24	
<i>For Class 54 Rating, Add</i>	3,927.88	
<i>For Class 55 Rating, Add</i>	5,851.48	
<i>For Class 56 Rating, Add</i>	7,749.06	
40 05 19 00-2456 30" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		
(40 05 19 00-2060)		
40 05 19 00-2457 EA 30" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,794.29	1,535.93
<i>For Class 52 Rating, Deduct</i>	-1,041.38	
<i>For Class 54 Rating, Add</i>	1,448.00	
<i>For Class 55 Rating, Add</i>	2,167.02	
<i>For Class 56 Rating, Add</i>	2,876.58	
40 05 19 00-2458 EA 30" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,576.94	1,539.66
<i>For Class 52 Rating, Deduct</i>	-1,126.85	
<i>For Class 54 Rating, Add</i>	1,564.61	
<i>For Class 55 Rating, Add</i>	2,340.43	
<i>For Class 56 Rating, Add</i>	3,106.00	
40 05 19 00-2459 EA 30" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,359.59	1,543.39
<i>For Class 52 Rating, Deduct</i>	-1,212.32	
<i>For Class 54 Rating, Add</i>	1,681.23	
<i>For Class 55 Rating, Add</i>	2,513.84	
<i>For Class 56 Rating, Add</i>	3,335.42	
40 05 19 00-2460 EA 30" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,142.24	1,547.11
<i>For Class 52 Rating, Deduct</i>	-1,297.79	
<i>For Class 54 Rating, Add</i>	1,797.85	
<i>For Class 55 Rating, Add</i>	2,687.24	
<i>For Class 56 Rating, Add</i>	3,564.84	
40 05 19 00-2461 EA 30" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,924.89	1,550.84
<i>For Class 52 Rating, Deduct</i>	-1,383.26	
<i>For Class 54 Rating, Add</i>	1,914.47	
<i>For Class 55 Rating, Add</i>	2,860.65	
<i>For Class 56 Rating, Add</i>	3,794.25	
40 05 19 00-2462 EA 30" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,707.53	1,554.57
<i>For Class 52 Rating, Deduct</i>	-1,468.73	
<i>For Class 54 Rating, Add</i>	2,031.08	
<i>For Class 55 Rating, Add</i>	3,034.05	
<i>For Class 56 Rating, Add</i>	4,023.67	
40 05 19 00-2463 EA 30" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,490.19	1,558.30
<i>For Class 52 Rating, Deduct</i>	-1,554.20	
<i>For Class 54 Rating, Add</i>	2,147.70	
<i>For Class 55 Rating, Add</i>	3,207.46	
<i>For Class 56 Rating, Add</i>	4,253.09	
40 05 19 00-2464 EA 30" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,272.84	1,562.03
<i>For Class 52 Rating, Deduct</i>	-1,639.67	
<i>For Class 54 Rating, Add</i>	2,264.32	
<i>For Class 55 Rating, Add</i>	3,380.87	
<i>For Class 56 Rating, Add</i>	4,482.51	
40 05 19 00-2465 EA 30" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,055.49	1,565.75
<i>For Class 52 Rating, Deduct</i>	-1,725.14	
<i>For Class 54 Rating, Add</i>	2,380.94	
<i>For Class 55 Rating, Add</i>	3,554.27	
<i>For Class 56 Rating, Add</i>	4,711.93	
40 05 19 00-2466 EA 30" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,838.13	1,569.48
<i>For Class 52 Rating, Deduct</i>	-1,810.61	
<i>For Class 54 Rating, Add</i>	2,497.55	
<i>For Class 55 Rating, Add</i>	3,727.68	
<i>For Class 56 Rating, Add</i>	4,941.34	
40 05 19 00-2467 EA 30" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,620.77	1,573.21
<i>For Class 52 Rating, Deduct</i>	-1,896.08	
<i>For Class 54 Rating, Add</i>	2,614.17	
<i>For Class 55 Rating, Add</i>	3,901.09	
<i>For Class 56 Rating, Add</i>	5,170.76	
40 05 19 00-2468 EA 30" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,403.42	1,576.94
<i>For Class 52 Rating, Deduct</i>	-1,981.55	
<i>For Class 54 Rating, Add</i>	2,730.79	
<i>For Class 55 Rating, Add</i>	4,074.49	
<i>For Class 56 Rating, Add</i>	5,400.18	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

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MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2469	EA		30" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,186.07	1,580.67
			<i>For Class 52 Rating, Deduct</i>	-2,067.02	
			<i>For Class 54 Rating, Add</i>	2,847.41	
			<i>For Class 55 Rating, Add</i>	4,247.90	
			<i>For Class 56 Rating, Add</i>	5,629.60	
40 05 19 00-2470	EA		30" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,968.72	1,584.39
			<i>For Class 52 Rating, Deduct</i>	-2,152.49	
			<i>For Class 54 Rating, Add</i>	2,964.03	
			<i>For Class 55 Rating, Add</i>	4,421.31	
			<i>For Class 56 Rating, Add</i>	5,859.02	
40 05 19 00-2471	EA		30" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	22,751.37	1,588.12
			<i>For Class 52 Rating, Deduct</i>	-2,237.96	
			<i>For Class 54 Rating, Add</i>	3,080.64	
			<i>For Class 55 Rating, Add</i>	4,594.71	
			<i>For Class 56 Rating, Add</i>	6,088.44	
40 05 19 00-2472	EA		30" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,534.02	1,591.85
			<i>For Class 52 Rating, Deduct</i>	-2,323.43	
			<i>For Class 54 Rating, Add</i>	3,197.26	
			<i>For Class 55 Rating, Add</i>	4,768.12	
			<i>For Class 56 Rating, Add</i>	6,317.85	
40 05 19 00-2473	EA		30" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,316.66	1,595.58
			<i>For Class 52 Rating, Deduct</i>	-2,408.90	
			<i>For Class 54 Rating, Add</i>	3,313.88	
			<i>For Class 55 Rating, Add</i>	4,941.52	
			<i>For Class 56 Rating, Add</i>	6,547.27	
40 05 19 00-2474	EA		30" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,099.31	1,599.31
			<i>For Class 52 Rating, Deduct</i>	-2,494.37	
			<i>For Class 54 Rating, Add</i>	3,430.50	
			<i>For Class 55 Rating, Add</i>	5,114.93	
			<i>For Class 56 Rating, Add</i>	6,776.69	
40 05 19 00-2475	EA		30" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,881.96	1,603.03
			<i>For Class 52 Rating, Deduct</i>	-2,579.84	
			<i>For Class 54 Rating, Add</i>	3,547.11	
			<i>For Class 55 Rating, Add</i>	5,288.34	
			<i>For Class 56 Rating, Add</i>	7,006.11	
40 05 19 00-2476	EA		30" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,664.61	1,606.76
			<i>For Class 52 Rating, Deduct</i>	-2,665.31	
			<i>For Class 54 Rating, Add</i>	3,663.73	
			<i>For Class 55 Rating, Add</i>	5,461.74	
			<i>For Class 56 Rating, Add</i>	7,235.53	
40 05 19 00-2477	EA		30" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,447.26	1,610.49
			<i>For Class 52 Rating, Deduct</i>	-2,750.78	
			<i>For Class 54 Rating, Add</i>	3,780.35	
			<i>For Class 55 Rating, Add</i>	5,635.15	
			<i>For Class 56 Rating, Add</i>	7,464.95	
40 05 19 00-2478	EA		30" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,229.90	1,614.22
			<i>For Class 52 Rating, Deduct</i>	-2,836.25	
			<i>For Class 54 Rating, Add</i>	3,896.97	
			<i>For Class 55 Rating, Add</i>	5,808.56	
			<i>For Class 56 Rating, Add</i>	7,694.36	
40 05 19 00-2479	EA		30" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,012.55	1,617.95
			<i>For Class 52 Rating, Deduct</i>	-2,921.72	
			<i>For Class 54 Rating, Add</i>	4,013.59	
			<i>For Class 55 Rating, Add</i>	5,981.96	
			<i>For Class 56 Rating, Add</i>	7,923.78	
40 05 19 00-2480	EA		30" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,795.20	1,621.67
			<i>For Class 52 Rating, Deduct</i>	-3,007.19	
			<i>For Class 54 Rating, Add</i>	4,130.20	
			<i>For Class 55 Rating, Add</i>	6,155.37	
			<i>For Class 56 Rating, Add</i>	8,153.20	
40 05 19 00-2481	EA		30" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,577.85	1,625.40
			<i>For Class 52 Rating, Deduct</i>	-3,092.66	
			<i>For Class 54 Rating, Add</i>	4,246.82	
			<i>For Class 55 Rating, Add</i>	6,328.78	
			<i>For Class 56 Rating, Add</i>	8,382.62	
40 05 19 00-2482	EA		30" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	31,360.50	1,629.13
			<i>For Class 52 Rating, Deduct</i>	-3,178.13	
			<i>For Class 54 Rating, Add</i>	4,363.44	
			<i>For Class 55 Rating, Add</i>	6,502.18	
			<i>For Class 56 Rating, Add</i>	8,612.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2483 EA 30" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,143.15	1,632.86
<i>For Class 52 Rating, Deduct</i>	-3,263.60	
<i>For Class 54 Rating, Add</i>	4,480.06	
<i>For Class 55 Rating, Add</i>	6,675.59	
<i>For Class 56 Rating, Add</i>	8,841.46	
40 05 19 00-2484 EA 30" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,925.79	1,636.59
<i>For Class 52 Rating, Deduct</i>	-3,349.07	
<i>For Class 54 Rating, Add</i>	4,596.67	
<i>For Class 55 Rating, Add</i>	6,849.00	
<i>For Class 56 Rating, Add</i>	9,070.87	
40 05 19 00-2485 EA 30" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	33,708.44	1,640.31
<i>For Class 52 Rating, Deduct</i>	-3,434.54	
<i>For Class 54 Rating, Add</i>	4,713.29	
<i>For Class 55 Rating, Add</i>	7,022.40	
<i>For Class 56 Rating, Add</i>	9,300.29	
40 05 19 00-2486 EA 30" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,491.09	1,644.04
<i>For Class 52 Rating, Deduct</i>	-3,520.01	
<i>For Class 54 Rating, Add</i>	4,829.91	
<i>For Class 55 Rating, Add</i>	7,195.81	
<i>For Class 56 Rating, Add</i>	9,529.71	
40 05 19 00-2487 EA 30" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,273.74	1,647.77
<i>For Class 52 Rating, Deduct</i>	-3,605.48	
<i>For Class 54 Rating, Add</i>	4,946.53	
<i>For Class 55 Rating, Add</i>	7,369.22	
<i>For Class 56 Rating, Add</i>	9,759.13	
40 05 19 00-2488 EA 30" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,056.39	1,651.50
<i>For Class 52 Rating, Deduct</i>	-3,690.95	
<i>For Class 54 Rating, Add</i>	5,063.15	
<i>For Class 55 Rating, Add</i>	7,542.62	
<i>For Class 56 Rating, Add</i>	9,988.55	
40 05 19 00-2489 EA 30" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,839.03	1,655.23
<i>For Class 52 Rating, Deduct</i>	-3,776.42	
<i>For Class 54 Rating, Add</i>	5,179.76	
<i>For Class 55 Rating, Add</i>	7,716.03	
<i>For Class 56 Rating, Add</i>	10,217.97	
40 05 19 00-2490 EA 30" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,621.68	1,658.95
<i>For Class 52 Rating, Deduct</i>	-3,861.89	
<i>For Class 54 Rating, Add</i>	5,296.38	
<i>For Class 55 Rating, Add</i>	7,889.44	
<i>For Class 56 Rating, Add</i>	10,447.38	
40 05 19 00-2491 EA 30" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,404.33	1,662.68
<i>For Class 52 Rating, Deduct</i>	-3,947.36	
<i>For Class 54 Rating, Add</i>	5,413.00	
<i>For Class 55 Rating, Add</i>	8,062.84	
<i>For Class 56 Rating, Add</i>	10,676.80	
40 05 19 00-2492 36" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2493 EA 36" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,446.30	1,946.01
<i>For Class 52 Rating, Deduct</i>	-1,484.76	
<i>For Class 54 Rating, Add</i>	2,060.05	
<i>For Class 55 Rating, Add</i>	3,080.78	
<i>For Class 56 Rating, Add</i>	4,088.00	
40 05 19 00-2494 EA 36" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,494.77	1,949.74
<i>For Class 52 Rating, Deduct</i>	-1,599.47	
<i>For Class 54 Rating, Add</i>	2,216.54	
<i>For Class 55 Rating, Add</i>	3,313.46	
<i>For Class 56 Rating, Add</i>	4,395.83	
40 05 19 00-2495 EA 36" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,543.23	1,953.46
<i>For Class 52 Rating, Deduct</i>	-1,714.18	
<i>For Class 54 Rating, Add</i>	2,373.03	
<i>For Class 55 Rating, Add</i>	3,546.14	
<i>For Class 56 Rating, Add</i>	4,703.67	
40 05 19 00-2496 EA 36" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,591.70	1,957.19
<i>For Class 52 Rating, Deduct</i>	-1,828.89	
<i>For Class 54 Rating, Add</i>	2,529.52	
<i>For Class 55 Rating, Add</i>	3,778.83	
<i>For Class 56 Rating, Add</i>	5,011.50	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2497	EA	36" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		20,640.17	1,960.92
		<i>For Class 52 Rating, Deduct</i>		-1,943.60	
		<i>For Class 54 Rating, Add</i>		2,686.02	
		<i>For Class 55 Rating, Add</i>		4,011.51	
		<i>For Class 56 Rating, Add</i>		5,319.34	
40 05 19 00-2498	EA	36" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		21,688.63	1,964.65
		<i>For Class 52 Rating, Deduct</i>		-2,058.31	
		<i>For Class 54 Rating, Add</i>		2,842.50	
		<i>For Class 55 Rating, Add</i>		4,244.19	
		<i>For Class 56 Rating, Add</i>		5,627.17	
40 05 19 00-2499	EA	36" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		22,737.10	1,968.38
		<i>For Class 52 Rating, Deduct</i>		-2,173.02	
		<i>For Class 54 Rating, Add</i>		2,999.00	
		<i>For Class 55 Rating, Add</i>		4,476.88	
		<i>For Class 56 Rating, Add</i>		5,935.01	
40 05 19 00-2500	EA	36" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		23,785.56	1,972.10
		<i>For Class 52 Rating, Deduct</i>		-2,287.73	
		<i>For Class 54 Rating, Add</i>		3,155.48	
		<i>For Class 55 Rating, Add</i>		4,709.56	
		<i>For Class 56 Rating, Add</i>		6,242.84	
40 05 19 00-2501	EA	36" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		24,834.03	1,975.83
		<i>For Class 52 Rating, Deduct</i>		-2,402.44	
		<i>For Class 54 Rating, Add</i>		3,311.98	
		<i>For Class 55 Rating, Add</i>		4,942.24	
		<i>For Class 56 Rating, Add</i>		6,550.67	
40 05 19 00-2502	EA	36" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		25,882.49	1,979.56
		<i>For Class 52 Rating, Deduct</i>		-2,517.15	
		<i>For Class 54 Rating, Add</i>		3,468.46	
		<i>For Class 55 Rating, Add</i>		5,174.93	
		<i>For Class 56 Rating, Add</i>		6,858.51	
40 05 19 00-2503	EA	36" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		26,930.95	1,983.29
		<i>For Class 52 Rating, Deduct</i>		-2,631.86	
		<i>For Class 54 Rating, Add</i>		3,624.96	
		<i>For Class 55 Rating, Add</i>		5,407.61	
		<i>For Class 56 Rating, Add</i>		7,166.34	
40 05 19 00-2504	EA	36" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		27,979.41	1,987.02
		<i>For Class 52 Rating, Deduct</i>		-2,746.57	
		<i>For Class 54 Rating, Add</i>		3,781.44	
		<i>For Class 55 Rating, Add</i>		5,640.29	
		<i>For Class 56 Rating, Add</i>		7,474.17	
40 05 19 00-2505	EA	36" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		29,027.88	1,990.74
		<i>For Class 52 Rating, Deduct</i>		-2,861.28	
		<i>For Class 54 Rating, Add</i>		3,937.94	
		<i>For Class 55 Rating, Add</i>		5,872.98	
		<i>For Class 56 Rating, Add</i>		7,782.01	
40 05 19 00-2506	EA	36" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		30,076.34	1,994.47
		<i>For Class 52 Rating, Deduct</i>		-2,975.99	
		<i>For Class 54 Rating, Add</i>		4,094.42	
		<i>For Class 55 Rating, Add</i>		6,105.66	
		<i>For Class 56 Rating, Add</i>		8,089.84	
40 05 19 00-2507	EA	36" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		31,124.81	1,998.20
		<i>For Class 52 Rating, Deduct</i>		-3,090.70	
		<i>For Class 54 Rating, Add</i>		4,250.92	
		<i>For Class 55 Rating, Add</i>		6,338.34	
		<i>For Class 56 Rating, Add</i>		8,397.68	
40 05 19 00-2508	EA	36" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		32,173.27	2,001.93
		<i>For Class 52 Rating, Deduct</i>		-3,205.40	
		<i>For Class 54 Rating, Add</i>		4,407.40	
		<i>For Class 55 Rating, Add</i>		6,571.03	
		<i>For Class 56 Rating, Add</i>		8,705.51	
40 05 19 00-2509	EA	36" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		33,221.73	2,005.66
		<i>For Class 52 Rating, Deduct</i>		-3,320.11	
		<i>For Class 54 Rating, Add</i>		4,563.90	
		<i>For Class 55 Rating, Add</i>		6,803.71	
		<i>For Class 56 Rating, Add</i>		9,013.34	
40 05 19 00-2510	EA	36" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe		34,270.19	2,009.38
		<i>For Class 52 Rating, Deduct</i>		-3,434.82	
		<i>For Class 54 Rating, Add</i>		4,720.38	
		<i>For Class 55 Rating, Add</i>		7,036.39	
		<i>For Class 56 Rating, Add</i>		9,321.18	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2511 EA 36" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,318.66	2,013.11
<i>For Class 52 Rating, Deduct</i>	-3,549.53	
<i>For Class 54 Rating, Add</i>	4,876.88	
<i>For Class 55 Rating, Add</i>	7,269.08	
<i>For Class 56 Rating, Add</i>	9,629.01	
40 05 19 00-2512 EA 36" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	36,367.13	2,016.84
<i>For Class 52 Rating, Deduct</i>	-3,664.24	
<i>For Class 54 Rating, Add</i>	5,033.37	
<i>For Class 55 Rating, Add</i>	7,501.76	
<i>For Class 56 Rating, Add</i>	9,936.85	
40 05 19 00-2513 EA 36" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,415.59	2,020.57
<i>For Class 52 Rating, Deduct</i>	-3,778.95	
<i>For Class 54 Rating, Add</i>	5,189.86	
<i>For Class 55 Rating, Add</i>	7,734.44	
<i>For Class 56 Rating, Add</i>	10,244.68	
40 05 19 00-2514 EA 36" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,464.05	2,024.30
<i>For Class 52 Rating, Deduct</i>	-3,893.66	
<i>For Class 54 Rating, Add</i>	5,346.35	
<i>For Class 55 Rating, Add</i>	7,967.13	
<i>For Class 56 Rating, Add</i>	10,552.51	
40 05 19 00-2515 EA 36" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	39,512.51	2,028.02
<i>For Class 52 Rating, Deduct</i>	-4,008.37	
<i>For Class 54 Rating, Add</i>	5,502.84	
<i>For Class 55 Rating, Add</i>	8,199.81	
<i>For Class 56 Rating, Add</i>	10,860.35	
40 05 19 00-2516 EA 36" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,560.98	2,031.75
<i>For Class 52 Rating, Deduct</i>	-4,123.08	
<i>For Class 54 Rating, Add</i>	5,659.33	
<i>For Class 55 Rating, Add</i>	8,432.49	
<i>For Class 56 Rating, Add</i>	11,168.18	
40 05 19 00-2517 EA 36" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,609.44	2,035.48
<i>For Class 52 Rating, Deduct</i>	-4,237.79	
<i>For Class 54 Rating, Add</i>	5,815.82	
<i>For Class 55 Rating, Add</i>	8,665.18	
<i>For Class 56 Rating, Add</i>	11,476.01	
40 05 19 00-2518 EA 36" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	42,657.91	2,039.21
<i>For Class 52 Rating, Deduct</i>	-4,352.50	
<i>For Class 54 Rating, Add</i>	5,972.31	
<i>For Class 55 Rating, Add</i>	8,897.86	
<i>For Class 56 Rating, Add</i>	11,783.85	
40 05 19 00-2519 EA 36" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,706.37	2,042.94
<i>For Class 52 Rating, Deduct</i>	-4,467.21	
<i>For Class 54 Rating, Add</i>	6,128.80	
<i>For Class 55 Rating, Add</i>	9,130.54	
<i>For Class 56 Rating, Add</i>	12,091.68	
40 05 19 00-2520 EA 36" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,754.83	2,046.66
<i>For Class 52 Rating, Deduct</i>	-4,581.92	
<i>For Class 54 Rating, Add</i>	6,285.29	
<i>For Class 55 Rating, Add</i>	9,363.23	
<i>For Class 56 Rating, Add</i>	12,399.52	
40 05 19 00-2521 EA 36" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	45,803.29	2,050.39
<i>For Class 52 Rating, Deduct</i>	-4,696.63	
<i>For Class 54 Rating, Add</i>	6,441.78	
<i>For Class 55 Rating, Add</i>	9,595.91	
<i>For Class 56 Rating, Add</i>	12,707.35	
40 05 19 00-2522 EA 36" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,851.76	2,054.12
<i>For Class 52 Rating, Deduct</i>	-4,811.34	
<i>For Class 54 Rating, Add</i>	6,598.27	
<i>For Class 55 Rating, Add</i>	9,828.59	
<i>For Class 56 Rating, Add</i>	13,015.18	
40 05 19 00-2523 EA 36" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,900.22	2,057.85
<i>For Class 52 Rating, Deduct</i>	-4,926.05	
<i>For Class 54 Rating, Add</i>	6,754.76	
<i>For Class 55 Rating, Add</i>	10,061.28	
<i>For Class 56 Rating, Add</i>	13,323.02	
40 05 19 00-2524 EA 36" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	48,948.69	2,061.58
<i>For Class 52 Rating, Deduct</i>	-5,040.76	
<i>For Class 54 Rating, Add</i>	6,911.25	
<i>For Class 55 Rating, Add</i>	10,293.96	
<i>For Class 56 Rating, Add</i>	13,630.85	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2525	EA		36" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,997.14	2,065.30
			<i>For Class 52 Rating, Deduct</i>	-5,155.47	
			<i>For Class 54 Rating, Add</i>	7,067.74	
			<i>For Class 55 Rating, Add</i>	10,526.64	
			<i>For Class 56 Rating, Add</i>	13,938.68	
40 05 19 00-2526	EA		36" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,045.61	2,069.03
			<i>For Class 52 Rating, Deduct</i>	-5,270.18	
			<i>For Class 54 Rating, Add</i>	7,224.23	
			<i>For Class 55 Rating, Add</i>	10,759.33	
			<i>For Class 56 Rating, Add</i>	14,246.52	
40 05 19 00-2527	EA		36" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,094.08	2,072.76
			<i>For Class 52 Rating, Deduct</i>	-5,384.89	
			<i>For Class 54 Rating, Add</i>	7,380.72	
			<i>For Class 55 Rating, Add</i>	10,992.01	
			<i>For Class 56 Rating, Add</i>	14,554.35	
40 05 19 00-2528			42" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2529	EA		42" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,723.15	2,453.02
			<i>For Class 52 Rating, Deduct</i>	-1,980.71	
			<i>For Class 54 Rating, Add</i>	2,745.57	
			<i>For Class 55 Rating, Add</i>	4,104.64	
			<i>For Class 56 Rating, Add</i>	5,445.71	
40 05 19 00-2530	EA		42" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	23,262.34	2,456.74
			<i>For Class 52 Rating, Deduct</i>	-2,149.40	
			<i>For Class 54 Rating, Add</i>	2,975.67	
			<i>For Class 55 Rating, Add</i>	4,446.76	
			<i>For Class 56 Rating, Add</i>	5,898.31	
40 05 19 00-2531	EA		42" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,788.76	2,460.47
			<i>For Class 52 Rating, Deduct</i>	-2,316.69	
			<i>For Class 54 Rating, Add</i>	3,203.85	
			<i>For Class 55 Rating, Add</i>	4,786.03	
			<i>For Class 56 Rating, Add</i>	6,347.14	
40 05 19 00-2532	EA		42" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,330.52	2,464.19
			<i>For Class 52 Rating, Deduct</i>	-2,485.66	
			<i>For Class 54 Rating, Add</i>	3,434.34	
			<i>For Class 55 Rating, Add</i>	5,128.71	
			<i>For Class 56 Rating, Add</i>	6,800.49	
40 05 19 00-2533	EA		42" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,862.05	2,467.93
			<i>For Class 52 Rating, Deduct</i>	-2,653.50	
			<i>For Class 54 Rating, Add</i>	3,663.29	
			<i>For Class 55 Rating, Add</i>	5,469.12	
			<i>For Class 56 Rating, Add</i>	7,250.83	
40 05 19 00-2534	EA		42" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,408.92	2,471.66
			<i>For Class 52 Rating, Deduct</i>	-2,823.04	
			<i>For Class 54 Rating, Add</i>	3,894.54	
			<i>For Class 55 Rating, Add</i>	5,812.95	
			<i>For Class 56 Rating, Add</i>	7,705.69	
40 05 19 00-2535	EA		42" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	30,940.46	2,475.38
			<i>For Class 52 Rating, Deduct</i>	-2,990.89	
			<i>For Class 54 Rating, Add</i>	4,123.49	
			<i>For Class 55 Rating, Add</i>	6,153.36	
			<i>For Class 56 Rating, Add</i>	8,156.04	
40 05 19 00-2536	EA		42" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	32,489.87	2,479.11
			<i>For Class 52 Rating, Deduct</i>	-3,160.70	
			<i>For Class 54 Rating, Add</i>	4,355.12	
			<i>For Class 55 Rating, Add</i>	6,497.75	
			<i>For Class 56 Rating, Add</i>	8,611.65	
40 05 19 00-2537	EA		42" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	34,026.52	2,482.83
			<i>For Class 52 Rating, Deduct</i>	-3,329.11	
			<i>For Class 54 Rating, Add</i>	4,584.84	
			<i>For Class 55 Rating, Add</i>	6,839.30	
			<i>For Class 56 Rating, Add</i>	9,063.50	
40 05 19 00-2538	EA		42" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	35,575.94	2,486.57
			<i>For Class 52 Rating, Deduct</i>	-3,498.93	
			<i>For Class 54 Rating, Add</i>	4,816.47	
			<i>For Class 55 Rating, Add</i>	7,183.70	
			<i>For Class 56 Rating, Add</i>	9,519.11	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2539 EA 42" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	37,112.59	2,490.30
<i>For Class 52 Rating, Deduct</i>	-3,667.34	
<i>For Class 54 Rating, Add</i>	5,046.19	
<i>For Class 55 Rating, Add</i>	7,525.25	
<i>For Class 56 Rating, Add</i>	9,970.96	
40 05 19 00-2540 EA 42" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	38,664.57	2,494.02
<i>For Class 52 Rating, Deduct</i>	-3,837.43	
<i>For Class 54 Rating, Add</i>	5,278.21	
<i>For Class 55 Rating, Add</i>	7,870.21	
<i>For Class 56 Rating, Add</i>	10,427.33	
40 05 19 00-2541 EA 42" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	40,201.21	2,497.75
<i>For Class 52 Rating, Deduct</i>	-4,005.84	
<i>For Class 54 Rating, Add</i>	5,507.93	
<i>For Class 55 Rating, Add</i>	8,211.76	
<i>For Class 56 Rating, Add</i>	10,879.18	
40 05 19 00-2542 EA 42" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	41,742.97	2,501.47
<i>For Class 52 Rating, Deduct</i>	-4,174.81	
<i>For Class 54 Rating, Add</i>	5,738.41	
<i>For Class 55 Rating, Add</i>	8,554.45	
<i>For Class 56 Rating, Add</i>	11,332.54	
40 05 19 00-2543 EA 42" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	43,292.40	2,505.21
<i>For Class 52 Rating, Deduct</i>	-4,344.63	
<i>For Class 54 Rating, Add</i>	5,970.04	
<i>For Class 55 Rating, Add</i>	8,898.85	
<i>For Class 56 Rating, Add</i>	11,788.15	
40 05 19 00-2544 EA 42" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	44,831.60	2,508.94
<i>For Class 52 Rating, Deduct</i>	-4,513.32	
<i>For Class 54 Rating, Add</i>	6,200.14	
<i>For Class 55 Rating, Add</i>	9,240.96	
<i>For Class 56 Rating, Add</i>	12,240.75	
40 05 19 00-2545 EA 42" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	46,388.70	2,512.66
<i>For Class 52 Rating, Deduct</i>	-4,683.98	
<i>For Class 54 Rating, Add</i>	6,432.93	
<i>For Class 55 Rating, Add</i>	9,587.07	
<i>For Class 56 Rating, Add</i>	12,698.64	
40 05 19 00-2546 EA 42" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	47,930.46	2,516.39
<i>For Class 52 Rating, Deduct</i>	-4,852.95	
<i>For Class 54 Rating, Add</i>	6,663.41	
<i>For Class 55 Rating, Add</i>	9,929.76	
<i>For Class 56 Rating, Add</i>	13,151.99	
40 05 19 00-2547 EA 42" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	49,484.98	2,520.11
<i>For Class 52 Rating, Deduct</i>	-5,023.33	
<i>For Class 54 Rating, Add</i>	6,895.81	
<i>For Class 55 Rating, Add</i>	10,275.30	
<i>For Class 56 Rating, Add</i>	13,609.11	
40 05 19 00-2548 EA 42" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	51,024.18	2,523.85
<i>For Class 52 Rating, Deduct</i>	-5,192.02	
<i>For Class 54 Rating, Add</i>	7,125.91	
<i>For Class 55 Rating, Add</i>	10,617.41	
<i>For Class 56 Rating, Add</i>	14,061.71	
40 05 19 00-2549 EA 42" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	52,583.83	2,527.58
<i>For Class 52 Rating, Deduct</i>	-5,362.96	
<i>For Class 54 Rating, Add</i>	7,359.08	
<i>For Class 55 Rating, Add</i>	10,964.09	
<i>For Class 56 Rating, Add</i>	14,520.35	
40 05 19 00-2550 EA 42" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	54,125.59	2,531.30
<i>For Class 52 Rating, Deduct</i>	-5,531.93	
<i>For Class 54 Rating, Add</i>	7,589.57	
<i>For Class 55 Rating, Add</i>	11,306.78	
<i>For Class 56 Rating, Add</i>	14,973.70	
40 05 19 00-2551 EA 42" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	55,680.13	2,535.03
<i>For Class 52 Rating, Deduct</i>	-5,702.31	
<i>For Class 54 Rating, Add</i>	7,821.97	
<i>For Class 55 Rating, Add</i>	11,652.32	
<i>For Class 56 Rating, Add</i>	15,430.83	
40 05 19 00-2552 EA 42" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	57,221.88	2,538.75
<i>For Class 52 Rating, Deduct</i>	-5,871.28	
<i>For Class 54 Rating, Add</i>	8,052.45	
<i>For Class 55 Rating, Add</i>	11,995.01	
<i>For Class 56 Rating, Add</i>	15,884.19	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2553	EA		42" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	58,781.53	2,542.49
			<i>For Class 52 Rating, Deduct</i>	-6,042.22	
			<i>For Class 54 Rating, Add</i>	8,285.62	
			<i>For Class 55 Rating, Add</i>	12,341.68	
			<i>For Class 56 Rating, Add</i>	16,342.82	
40 05 19 00-2554	EA		42" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	60,323.28	2,546.22
			<i>For Class 52 Rating, Deduct</i>	-6,211.19	
			<i>For Class 54 Rating, Add</i>	8,516.10	
			<i>For Class 55 Rating, Add</i>	12,684.37	
			<i>For Class 56 Rating, Add</i>	16,796.17	
40 05 19 00-2555	EA		42" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	61,877.82	2,549.94
			<i>For Class 52 Rating, Deduct</i>	-6,381.57	
			<i>For Class 54 Rating, Add</i>	8,748.50	
			<i>For Class 55 Rating, Add</i>	13,029.91	
			<i>For Class 56 Rating, Add</i>	17,253.30	
40 05 19 00-2556	EA		42" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,422.14	2,553.67
			<i>For Class 52 Rating, Deduct</i>	-6,550.82	
			<i>For Class 54 Rating, Add</i>	8,979.37	
			<i>For Class 55 Rating, Add</i>	13,373.17	
			<i>For Class 56 Rating, Add</i>	17,707.41	
40 05 19 00-2557	EA		42" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	64,672.52	2,557.39
			<i>For Class 52 Rating, Deduct</i>	-6,687.74	
			<i>For Class 54 Rating, Add</i>	9,166.15	
			<i>For Class 55 Rating, Add</i>	13,650.88	
			<i>For Class 56 Rating, Add</i>	18,074.81	
40 05 19 00-2558	EA		42" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	66,523.53	2,561.13
			<i>For Class 52 Rating, Deduct</i>	-6,890.73	
			<i>For Class 54 Rating, Add</i>	9,443.02	
			<i>For Class 55 Rating, Add</i>	14,062.53	
			<i>For Class 56 Rating, Add</i>	18,619.39	
40 05 19 00-2559	EA		42" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	68,065.29	2,564.86
			<i>For Class 52 Rating, Deduct</i>	-7,059.71	
			<i>For Class 54 Rating, Add</i>	9,673.51	
			<i>For Class 55 Rating, Add</i>	14,405.22	
			<i>For Class 56 Rating, Add</i>	19,072.75	
40 05 19 00-2560	EA		42" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,622.38	2,568.58
			<i>For Class 52 Rating, Deduct</i>	-7,230.36	
			<i>For Class 54 Rating, Add</i>	9,906.29	
			<i>For Class 55 Rating, Add</i>	14,751.32	
			<i>For Class 56 Rating, Add</i>	19,530.63	
40 05 19 00-2561	EA		42" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	71,166.70	2,572.31
			<i>For Class 52 Rating, Deduct</i>	-7,399.62	
			<i>For Class 54 Rating, Add</i>	10,137.16	
			<i>For Class 55 Rating, Add</i>	15,094.58	
			<i>For Class 56 Rating, Add</i>	19,984.74	
40 05 19 00-2562	EA		42" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,726.35	2,576.03
			<i>For Class 52 Rating, Deduct</i>	-7,570.56	
			<i>For Class 54 Rating, Add</i>	10,370.33	
			<i>For Class 55 Rating, Add</i>	15,441.26	
			<i>For Class 56 Rating, Add</i>	20,443.37	
40 05 19 00-2563	EA		42" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,265.54	2,579.77
			<i>For Class 52 Rating, Deduct</i>	-7,739.25	
			<i>For Class 54 Rating, Add</i>	10,600.43	
			<i>For Class 55 Rating, Add</i>	15,783.38	
			<i>For Class 56 Rating, Add</i>	20,895.97	
40 05 19 00-2564			48" Flanged End (FxF), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2060)</small>		
40 05 19 00-2565	EA		48" Flanged (FxF), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,247.72	3,083.05
			<i>For Class 52 Rating, Deduct</i>	-2,483.41	
			<i>For Class 54 Rating, Add</i>	3,442.52	
			<i>For Class 55 Rating, Add</i>	5,146.66	
			<i>For Class 56 Rating, Add</i>	6,828.22	
40 05 19 00-2566	EA		48" Flanged (FxF), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,446.35	3,086.77
			<i>For Class 52 Rating, Deduct</i>	-2,724.64	
			<i>For Class 54 Rating, Add</i>	3,771.54	
			<i>For Class 55 Rating, Add</i>	5,635.83	
			<i>For Class 56 Rating, Add</i>	7,475.35	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2567 EA 48" Flanged (FxF), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	31,650.09	3,090.50
For Class 52 Rating, Deduct	-2,966.43	
For Class 54 Rating, Add	4,101.32	
For Class 55 Rating, Add	6,126.14	
For Class 56 Rating, Add	8,123.99	
40 05 19 00-2568 EA 48" Flanged (FxF), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	33,879.38	3,094.22
For Class 52 Rating, Deduct	-3,211.03	
For Class 54 Rating, Add	4,434.93	
For Class 55 Rating, Add	6,622.15	
For Class 56 Rating, Add	8,780.17	
40 05 19 00-2569 EA 48" Flanged (FxF), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	36,101.01	3,097.95
For Class 52 Rating, Deduct	-3,454.79	
For Class 54 Rating, Add	4,767.40	
For Class 55 Rating, Add	7,116.45	
For Class 56 Rating, Add	9,434.09	
40 05 19 00-2570 EA 48" Flanged (FxF), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	38,327.76	3,101.69
For Class 52 Rating, Deduct	-3,699.11	
For Class 54 Rating, Add	5,100.63	
For Class 55 Rating, Add	7,611.89	
For Class 56 Rating, Add	10,089.51	
40 05 19 00-2571 EA 48" Flanged (FxF), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	40,569.84	3,105.41
For Class 52 Rating, Deduct	-3,945.11	
For Class 54 Rating, Add	5,436.16	
For Class 55 Rating, Add	8,110.75	
For Class 56 Rating, Add	10,749.46	
40 05 19 00-2572 EA 48" Flanged (FxF), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	42,806.81	3,109.14
For Class 52 Rating, Deduct	-4,190.56	
For Class 54 Rating, Add	5,770.93	
For Class 55 Rating, Add	8,608.47	
For Class 56 Rating, Add	11,407.91	
40 05 19 00-2573 EA 48" Flanged (FxF), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	45,041.22	3,112.86
For Class 52 Rating, Deduct	-4,435.72	
For Class 54 Rating, Add	6,105.31	
For Class 55 Rating, Add	9,105.61	
For Class 56 Rating, Add	12,065.59	
40 05 19 00-2574 EA 48" Flanged (FxF), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	47,298.63	3,116.59
For Class 52 Rating, Deduct	-4,683.42	
For Class 54 Rating, Add	6,443.14	
For Class 55 Rating, Add	9,607.89	
For Class 56 Rating, Add	12,730.07	
40 05 19 00-2575 EA 48" Flanged (FxF), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	49,540.71	3,120.33
For Class 52 Rating, Deduct	-4,929.42	
For Class 54 Rating, Add	6,778.68	
For Class 55 Rating, Add	10,106.75	
For Class 56 Rating, Add	13,390.02	
40 05 19 00-2576 EA 48" Flanged (FxF), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	51,800.68	3,124.05
For Class 52 Rating, Deduct	-5,177.40	
For Class 54 Rating, Add	7,116.89	
For Class 55 Rating, Add	10,609.60	
For Class 56 Rating, Add	14,055.25	
40 05 19 00-2577 EA 48" Flanged (FxF), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	54,047.87	3,127.78
For Class 52 Rating, Deduct	-5,423.97	
For Class 54 Rating, Add	7,453.19	
For Class 55 Rating, Add	11,109.60	
For Class 56 Rating, Add	14,716.71	
40 05 19 00-2578 EA 48" Flanged (FxF), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	56,297.62	3,131.50
For Class 52 Rating, Deduct	-5,670.82	
For Class 54 Rating, Add	7,789.87	
For Class 55 Rating, Add	11,610.17	
For Class 56 Rating, Add	15,378.92	
40 05 19 00-2579 EA 48" Flanged (FxF), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	58,562.69	3,135.23
For Class 52 Rating, Deduct	-5,919.36	
For Class 54 Rating, Add	8,128.86	
For Class 55 Rating, Add	12,114.16	
For Class 56 Rating, Add	16,045.65	
40 05 19 00-2580 EA 48" Flanged (FxF), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron		
Pipe	60,817.55	3,138.97
For Class 52 Rating, Deduct	-6,166.77	
For Class 54 Rating, Add	8,466.30	
For Class 55 Rating, Add	12,615.87	
For Class 56 Rating, Add	16,709.37	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2581	EA		48" Flanged (FxF), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	63,069.85	3,142.69
			<i>For Class 52 Rating, Deduct</i>	-6,413.90	
			<i>For Class 54 Rating, Add</i>	8,803.37	
			<i>For Class 55 Rating, Add</i>	13,117.01	
			<i>For Class 56 Rating, Add</i>	17,372.34	
40 05 19 00-2582	EA		48" Flanged (FxF), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	65,340.05	3,146.42
			<i>For Class 52 Rating, Deduct</i>	-6,663.00	
			<i>For Class 54 Rating, Add</i>	9,143.12	
			<i>For Class 55 Rating, Add</i>	13,622.14	
			<i>For Class 56 Rating, Add</i>	18,040.58	
40 05 19 00-2583	EA		48" Flanged (FxF), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	67,597.46	3,150.14
			<i>For Class 52 Rating, Deduct</i>	-6,910.70	
			<i>For Class 54 Rating, Add</i>	9,480.95	
			<i>For Class 55 Rating, Add</i>	14,124.42	
			<i>For Class 56 Rating, Add</i>	18,705.06	
40 05 19 00-2584	EA		48" Flanged (FxF), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	69,852.32	3,153.87
			<i>For Class 52 Rating, Deduct</i>	-7,158.11	
			<i>For Class 54 Rating, Add</i>	9,818.40	
			<i>For Class 55 Rating, Add</i>	14,626.13	
			<i>For Class 56 Rating, Add</i>	19,368.78	
40 05 19 00-2585	EA		48" Flanged (FxF), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	72,125.06	3,157.61
			<i>For Class 52 Rating, Deduct</i>	-7,407.49	
			<i>For Class 54 Rating, Add</i>	10,158.53	
			<i>For Class 55 Rating, Add</i>	15,131.82	
			<i>For Class 56 Rating, Add</i>	20,037.77	
40 05 19 00-2586	EA		48" Flanged (FxF), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	74,387.59	3,161.33
			<i>For Class 52 Rating, Deduct</i>	-7,655.75	
			<i>For Class 54 Rating, Add</i>	10,497.13	
			<i>For Class 55 Rating, Add</i>	15,635.24	
			<i>For Class 56 Rating, Add</i>	20,703.76	
40 05 19 00-2587	EA		48" Flanged (FxF), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	76,645.01	3,165.06
			<i>For Class 52 Rating, Deduct</i>	-7,903.44	
			<i>For Class 54 Rating, Add</i>	10,834.97	
			<i>For Class 55 Rating, Add</i>	16,137.52	
			<i>For Class 56 Rating, Add</i>	21,368.23	
40 05 19 00-2588	EA		48" Flanged (FxF), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	78,920.31	3,168.78
			<i>For Class 52 Rating, Deduct</i>	-8,153.10	
			<i>For Class 54 Rating, Add</i>	11,175.48	
			<i>For Class 55 Rating, Add</i>	16,643.79	
			<i>For Class 56 Rating, Add</i>	22,037.98	
40 05 19 00-2589	EA		48" Flanged (FxF), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	81,182.84	3,172.51
			<i>For Class 52 Rating, Deduct</i>	-8,401.36	
			<i>For Class 54 Rating, Add</i>	11,514.08	
			<i>For Class 55 Rating, Add</i>	17,147.21	
			<i>For Class 56 Rating, Add</i>	22,703.97	
40 05 19 00-2590	EA		48" Flanged (FxF), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	83,442.80	3,176.25
			<i>For Class 52 Rating, Deduct</i>	-8,649.34	
			<i>For Class 54 Rating, Add</i>	11,852.30	
			<i>For Class 55 Rating, Add</i>	17,650.06	
			<i>For Class 56 Rating, Add</i>	23,369.19	
40 05 19 00-2591	EA		48" Flanged (FxF), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	85,720.67	3,179.97
			<i>For Class 52 Rating, Deduct</i>	-8,899.28	
			<i>For Class 54 Rating, Add</i>	12,193.20	
			<i>For Class 55 Rating, Add</i>	18,156.90	
			<i>For Class 56 Rating, Add</i>	24,039.70	
40 05 19 00-2592	EA		48" Flanged (FxF), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	87,985.76	3,183.70
			<i>For Class 52 Rating, Deduct</i>	-9,147.82	
			<i>For Class 54 Rating, Add</i>	12,532.18	
			<i>For Class 55 Rating, Add</i>	18,660.89	
			<i>For Class 56 Rating, Add</i>	24,706.44	
40 05 19 00-2593	EA		48" Flanged (FxF), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	89,985.03	3,187.42
			<i>For Class 52 Rating, Deduct</i>	-9,367.11	
			<i>For Class 54 Rating, Add</i>	12,831.29	
			<i>For Class 55 Rating, Add</i>	19,105.60	
			<i>For Class 56 Rating, Add</i>	25,294.76	
40 05 19 00-2594	EA		48" Flanged (FxF), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	92,528.71	3,191.15
			<i>For Class 52 Rating, Deduct</i>	-9,646.30	
			<i>For Class 54 Rating, Add</i>	13,212.06	
			<i>For Class 55 Rating, Add</i>	19,671.72	
			<i>For Class 56 Rating, Add</i>	26,043.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2595 EA 48" Flanged (FxF), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	94,791.23	3,194.89
For Class 52 Rating, Deduct	-9,894.55	
For Class 54 Rating, Add	13,550.66	
For Class 55 Rating, Add	20,175.14	
For Class 56 Rating, Add	26,709.66	
40 05 19 00-2596 EA 48" Flanged (FxF), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	97,074.20	3,198.61
For Class 52 Rating, Deduct	-10,145.06	
For Class 54 Rating, Add	13,892.33	
For Class 55 Rating, Add	20,683.12	
For Class 56 Rating, Add	27,381.68	
40 05 19 00-2597 EA 48" Flanged (FxF), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	99,336.72	3,202.34
For Class 52 Rating, Deduct	-10,393.32	
For Class 54 Rating, Add	14,230.93	
For Class 55 Rating, Add	21,186.53	
For Class 56 Rating, Add	28,047.66	
40 05 19 00-2598 EA 48" Flanged (FxF), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	101,599.25	3,206.06
For Class 52 Rating, Deduct	-10,641.57	
For Class 54 Rating, Add	14,569.53	
For Class 55 Rating, Add	21,689.95	
For Class 56 Rating, Add	28,713.64	
40 05 19 00-2599 EA 48" Flanged (FxF), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	103,884.78	3,209.79
For Class 52 Rating, Deduct	-10,892.36	
For Class 54 Rating, Add	14,911.58	
For Class 55 Rating, Add	22,198.50	
For Class 56 Rating, Add	29,386.41	
40 05 19 00-2600 Flanged End x Grooved End (FxG), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2059)</small>		
40 05 19 00-2601 4" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2602 EA 4" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	715.98	170.60
For Class 52 Rating, Deduct	-50.33	
For Class 54 Rating, Add	71.73	
For Class 55 Rating, Add	108.23	
For Class 56 Rating, Add	144.27	
40 05 19 00-2603 EA 4" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	817.63	173.58
For Class 52 Rating, Deduct	-61.01	
For Class 54 Rating, Add	86.35	
For Class 55 Rating, Add	129.99	
For Class 56 Rating, Add	173.08	
40 05 19 00-2604 EA 4" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	919.27	176.56
For Class 52 Rating, Deduct	-71.69	
For Class 54 Rating, Add	100.97	
For Class 55 Rating, Add	151.76	
For Class 56 Rating, Add	201.90	
40 05 19 00-2605 EA 4" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,020.91	179.54
For Class 52 Rating, Deduct	-82.38	
For Class 54 Rating, Add	115.60	
For Class 55 Rating, Add	173.53	
For Class 56 Rating, Add	230.71	
40 05 19 00-2606 EA 4" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,122.56	182.53
For Class 52 Rating, Deduct	-93.06	
For Class 54 Rating, Add	130.22	
For Class 55 Rating, Add	195.30	
For Class 56 Rating, Add	259.53	
40 05 19 00-2607 EA 4" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,224.19	185.51
For Class 52 Rating, Deduct	-103.74	
For Class 54 Rating, Add	144.84	
For Class 55 Rating, Add	217.06	
For Class 56 Rating, Add	288.34	
40 05 19 00-2608 EA 4" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,325.85	188.49
For Class 52 Rating, Deduct	-114.43	
For Class 54 Rating, Add	159.47	
For Class 55 Rating, Add	238.83	
For Class 56 Rating, Add	317.16	
40 05 19 00-2609 EA 4" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,427.48	191.48
For Class 52 Rating, Deduct	-125.11	
For Class 54 Rating, Add	174.09	
For Class 55 Rating, Add	260.60	
For Class 56 Rating, Add	345.97	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2610	EA		4" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,529.14	194.46
			<i>For Class 52 Rating, Deduct</i>	-135.80	
			<i>For Class 54 Rating, Add</i>	188.71	
			<i>For Class 55 Rating, Add</i>	282.37	
			<i>For Class 56 Rating, Add</i>	374.79	
40 05 19 00-2611	EA		4" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,630.77	197.44
			<i>For Class 52 Rating, Deduct</i>	-146.48	
			<i>For Class 54 Rating, Add</i>	203.33	
			<i>For Class 55 Rating, Add</i>	304.13	
			<i>For Class 56 Rating, Add</i>	403.60	
40 05 19 00-2612	EA		4" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,732.42	200.42
			<i>For Class 52 Rating, Deduct</i>	-157.16	
			<i>For Class 54 Rating, Add</i>	217.96	
			<i>For Class 55 Rating, Add</i>	325.90	
			<i>For Class 56 Rating, Add</i>	432.42	
40 05 19 00-2613	EA		4" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,834.06	203.40
			<i>For Class 52 Rating, Deduct</i>	-167.85	
			<i>For Class 54 Rating, Add</i>	232.58	
			<i>For Class 55 Rating, Add</i>	347.67	
			<i>For Class 56 Rating, Add</i>	461.23	
40 05 19 00-2614	EA		4" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,935.71	206.38
			<i>For Class 52 Rating, Deduct</i>	-178.53	
			<i>For Class 54 Rating, Add</i>	247.20	
			<i>For Class 55 Rating, Add</i>	369.44	
			<i>For Class 56 Rating, Add</i>	490.05	
40 05 19 00-2615	EA		4" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,037.35	209.36
			<i>For Class 52 Rating, Deduct</i>	-189.21	
			<i>For Class 54 Rating, Add</i>	261.83	
			<i>For Class 55 Rating, Add</i>	391.20	
			<i>For Class 56 Rating, Add</i>	518.86	
40 05 19 00-2616	EA		4" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,139.00	212.34
			<i>For Class 52 Rating, Deduct</i>	-199.90	
			<i>For Class 54 Rating, Add</i>	276.45	
			<i>For Class 55 Rating, Add</i>	412.97	
			<i>For Class 56 Rating, Add</i>	547.67	
40 05 19 00-2617	EA		4" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,240.63	215.33
			<i>For Class 52 Rating, Deduct</i>	-210.58	
			<i>For Class 54 Rating, Add</i>	291.07	
			<i>For Class 55 Rating, Add</i>	434.74	
			<i>For Class 56 Rating, Add</i>	576.49	
40 05 19 00-2618	EA		4" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,342.28	218.31
			<i>For Class 52 Rating, Deduct</i>	-221.27	
			<i>For Class 54 Rating, Add</i>	305.70	
			<i>For Class 55 Rating, Add</i>	456.51	
			<i>For Class 56 Rating, Add</i>	605.30	
40 05 19 00-2619	EA		4" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,443.92	221.29
			<i>For Class 52 Rating, Deduct</i>	-231.95	
			<i>For Class 54 Rating, Add</i>	320.32	
			<i>For Class 55 Rating, Add</i>	478.27	
			<i>For Class 56 Rating, Add</i>	634.12	
40 05 19 00-2620	EA		4" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,545.57	224.28
			<i>For Class 52 Rating, Deduct</i>	-242.63	
			<i>For Class 54 Rating, Add</i>	334.94	
			<i>For Class 55 Rating, Add</i>	500.04	
			<i>For Class 56 Rating, Add</i>	662.93	
40 05 19 00-2621	EA		4" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,647.21	227.26
			<i>For Class 52 Rating, Deduct</i>	-253.32	
			<i>For Class 54 Rating, Add</i>	349.56	
			<i>For Class 55 Rating, Add</i>	521.81	
			<i>For Class 56 Rating, Add</i>	691.75	
40 05 19 00-2622	EA		4" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,748.86	230.24
			<i>For Class 52 Rating, Deduct</i>	-264.00	
			<i>For Class 54 Rating, Add</i>	364.19	
			<i>For Class 55 Rating, Add</i>	543.57	
			<i>For Class 56 Rating, Add</i>	720.56	
40 05 19 00-2623	EA		4" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,850.50	233.22
			<i>For Class 52 Rating, Deduct</i>	-274.68	
			<i>For Class 54 Rating, Add</i>	378.81	
			<i>For Class 55 Rating, Add</i>	565.34	
			<i>For Class 56 Rating, Add</i>	749.37	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2624 EA 4" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,952.14	236.21
For Class 52 Rating, Deduct	-285.37	
For Class 54 Rating, Add	393.43	
For Class 55 Rating, Add	587.11	
For Class 56 Rating, Add	778.19	
40 05 19 00-2625 EA 4" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,053.79	239.19
For Class 52 Rating, Deduct	-296.05	
For Class 54 Rating, Add	408.06	
For Class 55 Rating, Add	608.88	
For Class 56 Rating, Add	807.00	
40 05 19 00-2626 EA 4" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,155.43	242.17
For Class 52 Rating, Deduct	-306.74	
For Class 54 Rating, Add	422.68	
For Class 55 Rating, Add	630.64	
For Class 56 Rating, Add	835.82	
40 05 19 00-2627 EA 4" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,257.08	245.16
For Class 52 Rating, Deduct	-317.42	
For Class 54 Rating, Add	437.30	
For Class 55 Rating, Add	652.41	
For Class 56 Rating, Add	864.63	
40 05 19 00-2628 EA 4" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,358.72	248.14
For Class 52 Rating, Deduct	-328.10	
For Class 54 Rating, Add	451.93	
For Class 55 Rating, Add	674.18	
For Class 56 Rating, Add	893.45	
40 05 19 00-2629 EA 4" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,460.36	251.12
For Class 52 Rating, Deduct	-338.79	
For Class 54 Rating, Add	466.55	
For Class 55 Rating, Add	695.94	
For Class 56 Rating, Add	922.26	
40 05 19 00-2630 EA 4" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,562.01	254.10
For Class 52 Rating, Deduct	-349.47	
For Class 54 Rating, Add	481.17	
For Class 55 Rating, Add	717.71	
For Class 56 Rating, Add	951.08	
40 05 19 00-2631 EA 4" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,663.64	257.09
For Class 52 Rating, Deduct	-360.15	
For Class 54 Rating, Add	495.79	
For Class 55 Rating, Add	739.48	
For Class 56 Rating, Add	979.89	
40 05 19 00-2632 EA 4" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,765.30	260.07
For Class 52 Rating, Deduct	-370.84	
For Class 54 Rating, Add	510.42	
For Class 55 Rating, Add	761.25	
For Class 56 Rating, Add	1,008.71	
40 05 19 00-2633 EA 4" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,866.93	263.05
For Class 52 Rating, Deduct	-381.52	
For Class 54 Rating, Add	525.04	
For Class 55 Rating, Add	783.01	
For Class 56 Rating, Add	1,037.52	
40 05 19 00-2634 EA 4" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,968.59	266.03
For Class 52 Rating, Deduct	-392.21	
For Class 54 Rating, Add	539.66	
For Class 55 Rating, Add	804.78	
For Class 56 Rating, Add	1,066.34	
40 05 19 00-2635 EA 4" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,070.22	269.02
For Class 52 Rating, Deduct	-402.89	
For Class 54 Rating, Add	554.29	
For Class 55 Rating, Add	826.55	
For Class 56 Rating, Add	1,095.15	
40 05 19 00-2636 EA 4" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,171.87	272.00
For Class 52 Rating, Deduct	-413.57	
For Class 54 Rating, Add	568.91	
For Class 55 Rating, Add	848.32	
For Class 56 Rating, Add	1,123.97	
40 05 19 00-2637 EA 4" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,273.51	274.98
For Class 52 Rating, Deduct	-424.26	
For Class 54 Rating, Add	583.53	
For Class 55 Rating, Add	870.08	
For Class 56 Rating, Add	1,152.78	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2638	EA		4" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,375.16	277.96
			<i>For Class 52 Rating, Deduct</i>	-434.94	
			<i>For Class 54 Rating, Add</i>	598.16	
			<i>For Class 55 Rating, Add</i>	891.85	
			<i>For Class 56 Rating, Add</i>	1,181.59	
40 05 19 00-2639	EA		4" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,451.24	280.94
			<i>For Class 52 Rating, Deduct</i>	-442.81	
			<i>For Class 54 Rating, Add</i>	608.94	
			<i>For Class 55 Rating, Add</i>	907.92	
			<i>For Class 56 Rating, Add</i>	1,202.87	
40 05 19 00-2640	EA		4" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,578.44	283.92
			<i>For Class 52 Rating, Deduct</i>	-456.31	
			<i>For Class 54 Rating, Add</i>	627.40	
			<i>For Class 55 Rating, Add</i>	935.39	
			<i>For Class 56 Rating, Add</i>	1,239.22	
40 05 19 00-2641			6" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2642	EA		6" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	925.99	214.73
			<i>For Class 52 Rating, Deduct</i>	-66.07	
			<i>For Class 54 Rating, Add</i>	94.00	
			<i>For Class 55 Rating, Add</i>	141.75	
			<i>For Class 56 Rating, Add</i>	188.90	
40 05 19 00-2643	EA		6" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,042.97	217.71
			<i>For Class 52 Rating, Deduct</i>	-78.44	
			<i>For Class 54 Rating, Add</i>	110.92	
			<i>For Class 55 Rating, Add</i>	166.94	
			<i>For Class 56 Rating, Add</i>	222.24	
40 05 19 00-2644	EA		6" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,159.95	220.70
			<i>For Class 52 Rating, Deduct</i>	-90.81	
			<i>For Class 54 Rating, Add</i>	127.85	
			<i>For Class 55 Rating, Add</i>	192.13	
			<i>For Class 56 Rating, Add</i>	255.58	
40 05 19 00-2645	EA		6" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,276.93	223.68
			<i>For Class 52 Rating, Deduct</i>	-103.18	
			<i>For Class 54 Rating, Add</i>	144.77	
			<i>For Class 55 Rating, Add</i>	217.31	
			<i>For Class 56 Rating, Add</i>	288.92	
40 05 19 00-2646	EA		6" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,393.91	226.66
			<i>For Class 52 Rating, Deduct</i>	-115.55	
			<i>For Class 54 Rating, Add</i>	161.69	
			<i>For Class 55 Rating, Add</i>	242.50	
			<i>For Class 56 Rating, Add</i>	322.26	
40 05 19 00-2647	EA		6" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,510.88	229.64
			<i>For Class 52 Rating, Deduct</i>	-127.92	
			<i>For Class 54 Rating, Add</i>	178.62	
			<i>For Class 55 Rating, Add</i>	267.69	
			<i>For Class 56 Rating, Add</i>	355.59	
40 05 19 00-2648	EA		6" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,627.86	232.63
			<i>For Class 52 Rating, Deduct</i>	-140.29	
			<i>For Class 54 Rating, Add</i>	195.54	
			<i>For Class 55 Rating, Add</i>	292.87	
			<i>For Class 56 Rating, Add</i>	388.93	
40 05 19 00-2649	EA		6" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,744.84	235.61
			<i>For Class 52 Rating, Deduct</i>	-152.66	
			<i>For Class 54 Rating, Add</i>	212.46	
			<i>For Class 55 Rating, Add</i>	318.06	
			<i>For Class 56 Rating, Add</i>	422.27	
40 05 19 00-2650	EA		6" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,861.82	238.59
			<i>For Class 52 Rating, Deduct</i>	-165.04	
			<i>For Class 54 Rating, Add</i>	229.39	
			<i>For Class 55 Rating, Add</i>	343.25	
			<i>For Class 56 Rating, Add</i>	455.61	
40 05 19 00-2651	EA		6" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,978.81	241.58
			<i>For Class 52 Rating, Deduct</i>	-177.41	
			<i>For Class 54 Rating, Add</i>	246.31	
			<i>For Class 55 Rating, Add</i>	368.44	
			<i>For Class 56 Rating, Add</i>	488.95	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2652 EA 6" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,095.79	244.56
<i>For Class 52 Rating, Deduct</i>	-189.78	
<i>For Class 54 Rating, Add</i>	263.23	
<i>For Class 55 Rating, Add</i>	393.62	
<i>For Class 56 Rating, Add</i>	522.29	
40 05 19 00-2653 EA 6" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,212.77	247.54
<i>For Class 52 Rating, Deduct</i>	-202.15	
<i>For Class 54 Rating, Add</i>	280.16	
<i>For Class 55 Rating, Add</i>	418.81	
<i>For Class 56 Rating, Add</i>	555.63	
40 05 19 00-2654 EA 6" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,329.74	250.52
<i>For Class 52 Rating, Deduct</i>	-214.52	
<i>For Class 54 Rating, Add</i>	297.08	
<i>For Class 55 Rating, Add</i>	444.00	
<i>For Class 56 Rating, Add</i>	588.96	
40 05 19 00-2655 EA 6" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,446.73	253.51
<i>For Class 52 Rating, Deduct</i>	-226.89	
<i>For Class 54 Rating, Add</i>	314.00	
<i>For Class 55 Rating, Add</i>	469.18	
<i>For Class 56 Rating, Add</i>	622.30	
40 05 19 00-2656 EA 6" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,563.70	256.49
<i>For Class 52 Rating, Deduct</i>	-239.26	
<i>For Class 54 Rating, Add</i>	330.93	
<i>For Class 55 Rating, Add</i>	494.37	
<i>For Class 56 Rating, Add</i>	655.64	
40 05 19 00-2657 EA 6" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,680.69	259.47
<i>For Class 52 Rating, Deduct</i>	-251.63	
<i>For Class 54 Rating, Add</i>	347.85	
<i>For Class 55 Rating, Add</i>	519.56	
<i>For Class 56 Rating, Add</i>	688.98	
40 05 19 00-2658 EA 6" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,797.66	262.45
<i>For Class 52 Rating, Deduct</i>	-264.00	
<i>For Class 54 Rating, Add</i>	364.77	
<i>For Class 55 Rating, Add</i>	544.75	
<i>For Class 56 Rating, Add</i>	722.32	
40 05 19 00-2659 EA 6" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,914.64	265.43
<i>For Class 52 Rating, Deduct</i>	-276.37	
<i>For Class 54 Rating, Add</i>	381.70	
<i>For Class 55 Rating, Add</i>	569.93	
<i>For Class 56 Rating, Add</i>	755.66	
40 05 19 00-2660 EA 6" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,031.62	268.41
<i>For Class 52 Rating, Deduct</i>	-288.74	
<i>For Class 54 Rating, Add</i>	398.62	
<i>For Class 55 Rating, Add</i>	595.12	
<i>For Class 56 Rating, Add</i>	789.00	
40 05 19 00-2661 EA 6" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,148.59	271.39
<i>For Class 52 Rating, Deduct</i>	-301.11	
<i>For Class 54 Rating, Add</i>	415.54	
<i>For Class 55 Rating, Add</i>	620.31	
<i>For Class 56 Rating, Add</i>	822.33	
40 05 19 00-2662 EA 6" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,265.58	274.38
<i>For Class 52 Rating, Deduct</i>	-313.48	
<i>For Class 54 Rating, Add</i>	432.47	
<i>For Class 55 Rating, Add</i>	645.49	
<i>For Class 56 Rating, Add</i>	855.67	
40 05 19 00-2663 EA 6" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,382.55	277.36
<i>For Class 52 Rating, Deduct</i>	-325.85	
<i>For Class 54 Rating, Add</i>	449.39	
<i>For Class 55 Rating, Add</i>	670.68	
<i>For Class 56 Rating, Add</i>	889.01	
40 05 19 00-2664 EA 6" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,499.54	280.34
<i>For Class 52 Rating, Deduct</i>	-338.22	
<i>For Class 54 Rating, Add</i>	466.31	
<i>For Class 55 Rating, Add</i>	695.87	
<i>For Class 56 Rating, Add</i>	922.35	
40 05 19 00-2665 EA 6" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,616.51	283.32
<i>For Class 52 Rating, Deduct</i>	-350.60	
<i>For Class 54 Rating, Add</i>	483.24	
<i>For Class 55 Rating, Add</i>	721.06	
<i>For Class 56 Rating, Add</i>	955.69	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2666	EA	6" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,733.50		286.31
		<i>For Class 52 Rating, Deduct</i>	-362.97		
		<i>For Class 54 Rating, Add</i>	500.16		
		<i>For Class 55 Rating, Add</i>	746.24		
		<i>For Class 56 Rating, Add</i>	989.03		
40 05 19 00-2667	EA	6" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,850.47		289.29
		<i>For Class 52 Rating, Deduct</i>	-375.34		
		<i>For Class 54 Rating, Add</i>	517.08		
		<i>For Class 55 Rating, Add</i>	771.43		
		<i>For Class 56 Rating, Add</i>	1,022.36		
40 05 19 00-2668	EA	6" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,967.45		292.27
		<i>For Class 52 Rating, Deduct</i>	-387.71		
		<i>For Class 54 Rating, Add</i>	534.01		
		<i>For Class 55 Rating, Add</i>	796.62		
		<i>For Class 56 Rating, Add</i>	1,055.70		
40 05 19 00-2669	EA	6" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,084.43		295.26
		<i>For Class 52 Rating, Deduct</i>	-400.08		
		<i>For Class 54 Rating, Add</i>	550.93		
		<i>For Class 55 Rating, Add</i>	821.80		
		<i>For Class 56 Rating, Add</i>	1,089.04		
40 05 19 00-2670	EA	6" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,201.40		298.24
		<i>For Class 52 Rating, Deduct</i>	-412.45		
		<i>For Class 54 Rating, Add</i>	567.85		
		<i>For Class 55 Rating, Add</i>	846.99		
		<i>For Class 56 Rating, Add</i>	1,122.38		
40 05 19 00-2671	EA	6" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,318.40		301.22
		<i>For Class 52 Rating, Deduct</i>	-424.82		
		<i>For Class 54 Rating, Add</i>	584.78		
		<i>For Class 55 Rating, Add</i>	872.18		
		<i>For Class 56 Rating, Add</i>	1,155.72		
40 05 19 00-2672	EA	6" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,435.37		304.20
		<i>For Class 52 Rating, Deduct</i>	-437.19		
		<i>For Class 54 Rating, Add</i>	601.70		
		<i>For Class 55 Rating, Add</i>	897.37		
		<i>For Class 56 Rating, Add</i>	1,189.06		
40 05 19 00-2673	EA	6" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,552.35		307.19
		<i>For Class 52 Rating, Deduct</i>	-449.56		
		<i>For Class 54 Rating, Add</i>	618.62		
		<i>For Class 55 Rating, Add</i>	922.55		
		<i>For Class 56 Rating, Add</i>	1,222.40		
40 05 19 00-2674	EA	6" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,669.33		310.17
		<i>For Class 52 Rating, Deduct</i>	-461.93		
		<i>For Class 54 Rating, Add</i>	635.55		
		<i>For Class 55 Rating, Add</i>	947.74		
		<i>For Class 56 Rating, Add</i>	1,255.74		
40 05 19 00-2675	EA	6" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,786.31		313.15
		<i>For Class 52 Rating, Deduct</i>	-474.30		
		<i>For Class 54 Rating, Add</i>	652.47		
		<i>For Class 55 Rating, Add</i>	972.93		
		<i>For Class 56 Rating, Add</i>	1,289.07		
40 05 19 00-2676	EA	6" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,903.29		316.14
		<i>For Class 52 Rating, Deduct</i>	-486.67		
		<i>For Class 54 Rating, Add</i>	669.39		
		<i>For Class 55 Rating, Add</i>	998.11		
		<i>For Class 56 Rating, Add</i>	1,322.41		
40 05 19 00-2677	EA	6" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,020.27		319.12
		<i>For Class 52 Rating, Deduct</i>	-499.04		
		<i>For Class 54 Rating, Add</i>	686.32		
		<i>For Class 55 Rating, Add</i>	1,023.30		
		<i>For Class 56 Rating, Add</i>	1,355.75		
40 05 19 00-2678	EA	6" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,137.25		322.10
		<i>For Class 52 Rating, Deduct</i>	-511.41		
		<i>For Class 54 Rating, Add</i>	703.24		
		<i>For Class 55 Rating, Add</i>	1,048.49		
		<i>For Class 56 Rating, Add</i>	1,389.09		
40 05 19 00-2679	EA	6" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,254.23		325.08
		<i>For Class 52 Rating, Deduct</i>	-523.78		
		<i>For Class 54 Rating, Add</i>	720.16		
		<i>For Class 55 Rating, Add</i>	1,073.68		
		<i>For Class 56 Rating, Add</i>	1,422.43		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2680 EA 6" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,371.20	328.07
<i>For Class 52 Rating, Deduct</i>	-536.16	
<i>For Class 54 Rating, Add</i>	737.09	
<i>For Class 55 Rating, Add</i>	1,098.86	
<i>For Class 56 Rating, Add</i>	1,455.77	
40 05 19 00-2681 8" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2682 EA 8" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,269.41	274.38
<i>For Class 52 Rating, Deduct</i>	-93.90	
<i>For Class 54 Rating, Add</i>	133.04	
<i>For Class 55 Rating, Add</i>	200.35	
<i>For Class 56 Rating, Add</i>	266.80	
40 05 19 00-2683 EA 8" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,419.60	277.36
<i>For Class 52 Rating, Deduct</i>	-109.93	
<i>For Class 54 Rating, Add</i>	154.95	
<i>For Class 55 Rating, Add</i>	232.94	
<i>For Class 56 Rating, Add</i>	309.94	
40 05 19 00-2684 EA 8" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,569.82	280.34
<i>For Class 52 Rating, Deduct</i>	-125.96	
<i>For Class 54 Rating, Add</i>	176.85	
<i>For Class 55 Rating, Add</i>	265.54	
<i>For Class 56 Rating, Add</i>	353.08	
40 05 19 00-2685 EA 8" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,720.02	283.32
<i>For Class 52 Rating, Deduct</i>	-141.98	
<i>For Class 54 Rating, Add</i>	198.76	
<i>For Class 55 Rating, Add</i>	298.14	
<i>For Class 56 Rating, Add</i>	396.22	
40 05 19 00-2686 EA 8" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,870.24	286.31
<i>For Class 52 Rating, Deduct</i>	-158.01	
<i>For Class 54 Rating, Add</i>	220.67	
<i>For Class 55 Rating, Add</i>	330.74	
<i>For Class 56 Rating, Add</i>	439.36	
40 05 19 00-2687 EA 8" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,020.43	289.29
<i>For Class 52 Rating, Deduct</i>	-174.03	
<i>For Class 54 Rating, Add</i>	242.58	
<i>For Class 55 Rating, Add</i>	363.33	
<i>For Class 56 Rating, Add</i>	482.50	
40 05 19 00-2688 EA 8" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,170.64	292.27
<i>For Class 52 Rating, Deduct</i>	-190.06	
<i>For Class 54 Rating, Add</i>	264.48	
<i>For Class 55 Rating, Add</i>	395.93	
<i>For Class 56 Rating, Add</i>	525.64	
40 05 19 00-2689 EA 8" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,320.85	295.26
<i>For Class 52 Rating, Deduct</i>	-206.08	
<i>For Class 54 Rating, Add</i>	286.39	
<i>For Class 55 Rating, Add</i>	428.52	
<i>For Class 56 Rating, Add</i>	568.78	
40 05 19 00-2690 EA 8" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,471.05	298.24
<i>For Class 52 Rating, Deduct</i>	-222.11	
<i>For Class 54 Rating, Add</i>	308.30	
<i>For Class 55 Rating, Add</i>	461.12	
<i>For Class 56 Rating, Add</i>	611.93	
40 05 19 00-2691 EA 8" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,621.26	301.22
<i>For Class 52 Rating, Deduct</i>	-238.13	
<i>For Class 54 Rating, Add</i>	330.21	
<i>For Class 55 Rating, Add</i>	493.72	
<i>For Class 56 Rating, Add</i>	655.06	
40 05 19 00-2692 EA 8" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,771.46	304.20
<i>For Class 52 Rating, Deduct</i>	-254.16	
<i>For Class 54 Rating, Add</i>	352.11	
<i>For Class 55 Rating, Add</i>	526.31	
<i>For Class 56 Rating, Add</i>	698.21	
40 05 19 00-2693 EA 8" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,921.67	307.19
<i>For Class 52 Rating, Deduct</i>	-270.19	
<i>For Class 54 Rating, Add</i>	374.02	
<i>For Class 55 Rating, Add</i>	558.91	
<i>For Class 56 Rating, Add</i>	741.35	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2694	EA		8" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,071.88	310.17
			<i>For Class 52 Rating, Deduct</i>	-286.21	
			<i>For Class 54 Rating, Add</i>	395.93	
			<i>For Class 55 Rating, Add</i>	591.51	
			<i>For Class 56 Rating, Add</i>	784.49	
40 05 19 00-2695	EA		8" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,222.08	313.15
			<i>For Class 52 Rating, Deduct</i>	-302.24	
			<i>For Class 54 Rating, Add</i>	417.84	
			<i>For Class 55 Rating, Add</i>	624.10	
			<i>For Class 56 Rating, Add</i>	827.63	
40 05 19 00-2696	EA		8" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,372.29	316.14
			<i>For Class 52 Rating, Deduct</i>	-318.26	
			<i>For Class 54 Rating, Add</i>	439.74	
			<i>For Class 55 Rating, Add</i>	656.70	
			<i>For Class 56 Rating, Add</i>	870.77	
40 05 19 00-2697	EA		8" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,522.50	319.12
			<i>For Class 52 Rating, Deduct</i>	-334.29	
			<i>For Class 54 Rating, Add</i>	461.65	
			<i>For Class 55 Rating, Add</i>	689.30	
			<i>For Class 56 Rating, Add</i>	913.91	
40 05 19 00-2698	EA		8" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,672.71	322.10
			<i>For Class 52 Rating, Deduct</i>	-350.31	
			<i>For Class 54 Rating, Add</i>	483.56	
			<i>For Class 55 Rating, Add</i>	721.90	
			<i>For Class 56 Rating, Add</i>	957.05	
40 05 19 00-2699	EA		8" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,822.91	325.08
			<i>For Class 52 Rating, Deduct</i>	-366.34	
			<i>For Class 54 Rating, Add</i>	505.46	
			<i>For Class 55 Rating, Add</i>	754.49	
			<i>For Class 56 Rating, Add</i>	1,000.19	
40 05 19 00-2700	EA		8" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,973.11	328.07
			<i>For Class 52 Rating, Deduct</i>	-382.37	
			<i>For Class 54 Rating, Add</i>	527.37	
			<i>For Class 55 Rating, Add</i>	787.09	
			<i>For Class 56 Rating, Add</i>	1,043.33	
40 05 19 00-2701	EA		8" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,123.32	331.05
			<i>For Class 52 Rating, Deduct</i>	-398.39	
			<i>For Class 54 Rating, Add</i>	549.28	
			<i>For Class 55 Rating, Add</i>	819.69	
			<i>For Class 56 Rating, Add</i>	1,086.47	
40 05 19 00-2702	EA		8" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,273.53	334.03
			<i>For Class 52 Rating, Deduct</i>	-414.42	
			<i>For Class 54 Rating, Add</i>	571.19	
			<i>For Class 55 Rating, Add</i>	852.28	
			<i>For Class 56 Rating, Add</i>	1,129.61	
40 05 19 00-2703	EA		8" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,423.73	337.00
			<i>For Class 52 Rating, Deduct</i>	-430.44	
			<i>For Class 54 Rating, Add</i>	593.09	
			<i>For Class 55 Rating, Add</i>	884.88	
			<i>For Class 56 Rating, Add</i>	1,172.75	
40 05 19 00-2704	EA		8" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,573.94	339.99
			<i>For Class 52 Rating, Deduct</i>	-446.47	
			<i>For Class 54 Rating, Add</i>	615.00	
			<i>For Class 55 Rating, Add</i>	917.48	
			<i>For Class 56 Rating, Add</i>	1,215.89	
40 05 19 00-2705	EA		8" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,724.15	342.97
			<i>For Class 52 Rating, Deduct</i>	-462.49	
			<i>For Class 54 Rating, Add</i>	636.91	
			<i>For Class 55 Rating, Add</i>	950.07	
			<i>For Class 56 Rating, Add</i>	1,259.03	
40 05 19 00-2706	EA		8" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,874.36	345.95
			<i>For Class 52 Rating, Deduct</i>	-478.52	
			<i>For Class 54 Rating, Add</i>	658.82	
			<i>For Class 55 Rating, Add</i>	982.67	
			<i>For Class 56 Rating, Add</i>	1,302.17	
40 05 19 00-2707	EA		8" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,024.55	348.94
			<i>For Class 52 Rating, Deduct</i>	-494.54	
			<i>For Class 54 Rating, Add</i>	680.72	
			<i>For Class 55 Rating, Add</i>	1,015.27	
			<i>For Class 56 Rating, Add</i>	1,345.31	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2708 EA 8" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,174.77	351.92
<i>For Class 52 Rating, Deduct</i>	-510.57	
<i>For Class 54 Rating, Add</i>	702.63	
<i>For Class 55 Rating, Add</i>	1,047.86	
<i>For Class 56 Rating, Add</i>	1,388.45	
40 05 19 00-2709 EA 8" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,324.97	354.90
<i>For Class 52 Rating, Deduct</i>	-526.60	
<i>For Class 54 Rating, Add</i>	724.54	
<i>For Class 55 Rating, Add</i>	1,080.46	
<i>For Class 56 Rating, Add</i>	1,431.59	
40 05 19 00-2710 EA 8" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,475.19	357.88
<i>For Class 52 Rating, Deduct</i>	-542.62	
<i>For Class 54 Rating, Add</i>	746.45	
<i>For Class 55 Rating, Add</i>	1,113.06	
<i>For Class 56 Rating, Add</i>	1,474.74	
40 05 19 00-2711 EA 8" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,625.38	360.87
<i>For Class 52 Rating, Deduct</i>	-558.65	
<i>For Class 54 Rating, Add</i>	768.35	
<i>For Class 55 Rating, Add</i>	1,145.65	
<i>For Class 56 Rating, Add</i>	1,517.87	
40 05 19 00-2712 EA 8" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,775.58	363.85
<i>For Class 52 Rating, Deduct</i>	-574.67	
<i>For Class 54 Rating, Add</i>	790.26	
<i>For Class 55 Rating, Add</i>	1,178.25	
<i>For Class 56 Rating, Add</i>	1,561.01	
40 05 19 00-2713 EA 8" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,925.80	366.83
<i>For Class 52 Rating, Deduct</i>	-590.70	
<i>For Class 54 Rating, Add</i>	812.17	
<i>For Class 55 Rating, Add</i>	1,210.85	
<i>For Class 56 Rating, Add</i>	1,604.16	
40 05 19 00-2714 EA 8" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,076.00	369.82
<i>For Class 52 Rating, Deduct</i>	-606.72	
<i>For Class 54 Rating, Add</i>	834.08	
<i>For Class 55 Rating, Add</i>	1,243.44	
<i>For Class 56 Rating, Add</i>	1,647.30	
40 05 19 00-2715 EA 8" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,226.21	372.80
<i>For Class 52 Rating, Deduct</i>	-622.75	
<i>For Class 54 Rating, Add</i>	855.98	
<i>For Class 55 Rating, Add</i>	1,276.04	
<i>For Class 56 Rating, Add</i>	1,690.44	
40 05 19 00-2716 EA 8" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,376.41	375.78
<i>For Class 52 Rating, Deduct</i>	-638.78	
<i>For Class 54 Rating, Add</i>	877.89	
<i>For Class 55 Rating, Add</i>	1,308.64	
<i>For Class 56 Rating, Add</i>	1,733.58	
40 05 19 00-2717 EA 8" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,526.63	378.76
<i>For Class 52 Rating, Deduct</i>	-654.80	
<i>For Class 54 Rating, Add</i>	899.80	
<i>For Class 55 Rating, Add</i>	1,341.23	
<i>For Class 56 Rating, Add</i>	1,776.72	
40 05 19 00-2718 EA 8" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,676.83	381.75
<i>For Class 52 Rating, Deduct</i>	-670.83	
<i>For Class 54 Rating, Add</i>	921.71	
<i>For Class 55 Rating, Add</i>	1,373.83	
<i>For Class 56 Rating, Add</i>	1,819.86	
40 05 19 00-2719 EA 8" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,827.03	384.73
<i>For Class 52 Rating, Deduct</i>	-686.85	
<i>For Class 54 Rating, Add</i>	943.61	
<i>For Class 55 Rating, Add</i>	1,406.43	
<i>For Class 56 Rating, Add</i>	1,863.00	
40 05 19 00-2720 EA 8" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,977.24	387.71
<i>For Class 52 Rating, Deduct</i>	-702.88	
<i>For Class 54 Rating, Add</i>	965.52	
<i>For Class 55 Rating, Add</i>	1,439.02	
<i>For Class 56 Rating, Add</i>	1,906.14	

40 05 19 00-2721 10" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-2600)

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2722	EA		10" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,594.92	334.03
			<i>For Class 52 Rating, Deduct</i>	-119.77	
			<i>For Class 54 Rating, Add</i>	169.40	
			<i>For Class 55 Rating, Add</i>	254.95	
			<i>For Class 56 Rating, Add</i>	339.42	
40 05 19 00-2723	EA		10" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,788.58	337.00
			<i>For Class 52 Rating, Deduct</i>	-140.58	
			<i>For Class 54 Rating, Add</i>	197.82	
			<i>For Class 55 Rating, Add</i>	297.24	
			<i>For Class 56 Rating, Add</i>	395.38	
40 05 19 00-2724	EA		10" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	1,982.24	339.99
			<i>For Class 52 Rating, Deduct</i>	-161.38	
			<i>For Class 54 Rating, Add</i>	226.25	
			<i>For Class 55 Rating, Add</i>	339.53	
			<i>For Class 56 Rating, Add</i>	451.34	
40 05 19 00-2725	EA		10" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,175.90	342.97
			<i>For Class 52 Rating, Deduct</i>	-182.19	
			<i>For Class 54 Rating, Add</i>	254.67	
			<i>For Class 55 Rating, Add</i>	381.81	
			<i>For Class 56 Rating, Add</i>	507.30	
40 05 19 00-2726	EA		10" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,369.55	345.95
			<i>For Class 52 Rating, Deduct</i>	-202.99	
			<i>For Class 54 Rating, Add</i>	283.10	
			<i>For Class 55 Rating, Add</i>	424.10	
			<i>For Class 56 Rating, Add</i>	563.25	
40 05 19 00-2727	EA		10" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,563.20	348.94
			<i>For Class 52 Rating, Deduct</i>	-223.80	
			<i>For Class 54 Rating, Add</i>	311.52	
			<i>For Class 55 Rating, Add</i>	466.38	
			<i>For Class 56 Rating, Add</i>	619.21	
40 05 19 00-2728	EA		10" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,756.87	351.92
			<i>For Class 52 Rating, Deduct</i>	-244.60	
			<i>For Class 54 Rating, Add</i>	339.95	
			<i>For Class 55 Rating, Add</i>	508.67	
			<i>For Class 56 Rating, Add</i>	675.17	
40 05 19 00-2729	EA		10" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,950.52	354.90
			<i>For Class 52 Rating, Deduct</i>	-265.41	
			<i>For Class 54 Rating, Add</i>	368.37	
			<i>For Class 55 Rating, Add</i>	550.96	
			<i>For Class 56 Rating, Add</i>	731.13	
40 05 19 00-2730	EA		10" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,144.19	357.88
			<i>For Class 52 Rating, Deduct</i>	-286.21	
			<i>For Class 54 Rating, Add</i>	396.80	
			<i>For Class 55 Rating, Add</i>	593.24	
			<i>For Class 56 Rating, Add</i>	787.09	
40 05 19 00-2731	EA		10" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,337.83	360.87
			<i>For Class 52 Rating, Deduct</i>	-307.02	
			<i>For Class 54 Rating, Add</i>	425.22	
			<i>For Class 55 Rating, Add</i>	635.53	
			<i>For Class 56 Rating, Add</i>	843.05	
40 05 19 00-2732	EA		10" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,531.48	363.85
			<i>For Class 52 Rating, Deduct</i>	-327.82	
			<i>For Class 54 Rating, Add</i>	453.65	
			<i>For Class 55 Rating, Add</i>	677.82	
			<i>For Class 56 Rating, Add</i>	899.01	
40 05 19 00-2733	EA		10" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,725.15	366.83
			<i>For Class 52 Rating, Deduct</i>	-348.63	
			<i>For Class 54 Rating, Add</i>	482.07	
			<i>For Class 55 Rating, Add</i>	720.10	
			<i>For Class 56 Rating, Add</i>	954.96	
40 05 19 00-2734	EA		10" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,918.80	369.82
			<i>For Class 52 Rating, Deduct</i>	-369.43	
			<i>For Class 54 Rating, Add</i>	510.50	
			<i>For Class 55 Rating, Add</i>	762.39	
			<i>For Class 56 Rating, Add</i>	1,010.92	
40 05 19 00-2735	EA		10" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,112.47	372.80
			<i>For Class 52 Rating, Deduct</i>	-390.24	
			<i>For Class 54 Rating, Add</i>	538.92	
			<i>For Class 55 Rating, Add</i>	804.68	
			<i>For Class 56 Rating, Add</i>	1,066.88	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2736 EA 10" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,306.12	375.78
<i>For Class 52 Rating, Deduct</i>	-411.04	
<i>For Class 54 Rating, Add</i>	567.35	
<i>For Class 55 Rating, Add</i>	846.96	
<i>For Class 56 Rating, Add</i>	1,122.84	
40 05 19 00-2737 EA 10" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,499.78	378.76
<i>For Class 52 Rating, Deduct</i>	-431.85	
<i>For Class 54 Rating, Add</i>	595.77	
<i>For Class 55 Rating, Add</i>	889.25	
<i>For Class 56 Rating, Add</i>	1,178.80	
40 05 19 00-2738 EA 10" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,693.43	381.75
<i>For Class 52 Rating, Deduct</i>	-452.65	
<i>For Class 54 Rating, Add</i>	624.20	
<i>For Class 55 Rating, Add</i>	931.53	
<i>For Class 56 Rating, Add</i>	1,234.76	
40 05 19 00-2739 EA 10" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,887.09	384.73
<i>For Class 52 Rating, Deduct</i>	-473.46	
<i>For Class 54 Rating, Add</i>	652.62	
<i>For Class 55 Rating, Add</i>	973.82	
<i>For Class 56 Rating, Add</i>	1,290.72	
40 05 19 00-2740 EA 10" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,080.75	387.71
<i>For Class 52 Rating, Deduct</i>	-494.26	
<i>For Class 54 Rating, Add</i>	681.05	
<i>For Class 55 Rating, Add</i>	1,016.11	
<i>For Class 56 Rating, Add</i>	1,346.67	
40 05 19 00-2741 EA 10" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,274.41	390.69
<i>For Class 52 Rating, Deduct</i>	-515.07	
<i>For Class 54 Rating, Add</i>	709.47	
<i>For Class 55 Rating, Add</i>	1,058.39	
<i>For Class 56 Rating, Add</i>	1,402.63	
40 05 19 00-2742 EA 10" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,468.06	393.68
<i>For Class 52 Rating, Deduct</i>	-535.87	
<i>For Class 54 Rating, Add</i>	737.89	
<i>For Class 55 Rating, Add</i>	1,100.68	
<i>For Class 56 Rating, Add</i>	1,458.59	
40 05 19 00-2743 EA 10" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,661.72	396.66
<i>For Class 52 Rating, Deduct</i>	-556.68	
<i>For Class 54 Rating, Add</i>	766.32	
<i>For Class 55 Rating, Add</i>	1,142.96	
<i>For Class 56 Rating, Add</i>	1,514.55	
40 05 19 00-2744 EA 10" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,855.38	399.64
<i>For Class 52 Rating, Deduct</i>	-577.48	
<i>For Class 54 Rating, Add</i>	794.75	
<i>For Class 55 Rating, Add</i>	1,185.25	
<i>For Class 56 Rating, Add</i>	1,570.51	
40 05 19 00-2745 EA 10" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,049.03	402.63
<i>For Class 52 Rating, Deduct</i>	-598.29	
<i>For Class 54 Rating, Add</i>	823.17	
<i>For Class 55 Rating, Add</i>	1,227.54	
<i>For Class 56 Rating, Add</i>	1,626.47	
40 05 19 00-2746 EA 10" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,242.69	405.61
<i>For Class 52 Rating, Deduct</i>	-619.10	
<i>For Class 54 Rating, Add</i>	851.60	
<i>For Class 55 Rating, Add</i>	1,269.82	
<i>For Class 56 Rating, Add</i>	1,682.43	
40 05 19 00-2747 EA 10" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,436.34	408.59
<i>For Class 52 Rating, Deduct</i>	-639.90	
<i>For Class 54 Rating, Add</i>	880.02	
<i>For Class 55 Rating, Add</i>	1,312.11	
<i>For Class 56 Rating, Add</i>	1,738.38	
40 05 19 00-2748 EA 10" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,630.00	411.57
<i>For Class 52 Rating, Deduct</i>	-660.71	
<i>For Class 54 Rating, Add</i>	908.44	
<i>For Class 55 Rating, Add</i>	1,354.40	
<i>For Class 56 Rating, Add</i>	1,794.34	
40 05 19 00-2749 EA 10" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,823.66	414.55
<i>For Class 52 Rating, Deduct</i>	-681.51	
<i>For Class 54 Rating, Add</i>	936.87	
<i>For Class 55 Rating, Add</i>	1,396.68	
<i>For Class 56 Rating, Add</i>	1,850.30	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2750	EA		10" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,017.32	417.53
			<i>For Class 52 Rating, Deduct</i>	-702.32	
			<i>For Class 54 Rating, Add</i>	965.30	
			<i>For Class 55 Rating, Add</i>	1,438.97	
			<i>For Class 56 Rating, Add</i>	1,906.26	
40 05 19 00-2751	EA		10" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,210.98	420.51
			<i>For Class 52 Rating, Deduct</i>	-723.12	
			<i>For Class 54 Rating, Add</i>	993.72	
			<i>For Class 55 Rating, Add</i>	1,481.26	
			<i>For Class 56 Rating, Add</i>	1,962.22	
40 05 19 00-2752	EA		10" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,404.63	423.50
			<i>For Class 52 Rating, Deduct</i>	-743.93	
			<i>For Class 54 Rating, Add</i>	1,022.14	
			<i>For Class 55 Rating, Add</i>	1,523.54	
			<i>For Class 56 Rating, Add</i>	2,018.17	
40 05 19 00-2753	EA		10" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,598.28	426.48
			<i>For Class 52 Rating, Deduct</i>	-764.73	
			<i>For Class 54 Rating, Add</i>	1,050.57	
			<i>For Class 55 Rating, Add</i>	1,565.83	
			<i>For Class 56 Rating, Add</i>	2,074.13	
40 05 19 00-2754	EA		10" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,791.95	429.46
			<i>For Class 52 Rating, Deduct</i>	-785.54	
			<i>For Class 54 Rating, Add</i>	1,078.99	
			<i>For Class 55 Rating, Add</i>	1,608.11	
			<i>For Class 56 Rating, Add</i>	2,130.09	
40 05 19 00-2755	EA		10" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,985.60	432.44
			<i>For Class 52 Rating, Deduct</i>	-806.34	
			<i>For Class 54 Rating, Add</i>	1,107.42	
			<i>For Class 55 Rating, Add</i>	1,650.40	
			<i>For Class 56 Rating, Add</i>	2,186.05	
40 05 19 00-2756	EA		10" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,179.26	435.43
			<i>For Class 52 Rating, Deduct</i>	-827.15	
			<i>For Class 54 Rating, Add</i>	1,135.84	
			<i>For Class 55 Rating, Add</i>	1,692.69	
			<i>For Class 56 Rating, Add</i>	2,242.01	
40 05 19 00-2757	EA		10" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,372.91	438.41
			<i>For Class 52 Rating, Deduct</i>	-847.95	
			<i>For Class 54 Rating, Add</i>	1,164.27	
			<i>For Class 55 Rating, Add</i>	1,734.97	
			<i>For Class 56 Rating, Add</i>	2,297.97	
40 05 19 00-2758	EA		10" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,566.56	441.39
			<i>For Class 52 Rating, Deduct</i>	-868.76	
			<i>For Class 54 Rating, Add</i>	1,192.69	
			<i>For Class 55 Rating, Add</i>	1,777.26	
			<i>For Class 56 Rating, Add</i>	2,353.92	
40 05 19 00-2759	EA		10" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,760.23	444.37
			<i>For Class 52 Rating, Deduct</i>	-889.56	
			<i>For Class 54 Rating, Add</i>	1,221.12	
			<i>For Class 55 Rating, Add</i>	1,819.54	
			<i>For Class 56 Rating, Add</i>	2,409.88	
40 05 19 00-2760	EA		10" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,953.88	447.36
			<i>For Class 52 Rating, Deduct</i>	-910.37	
			<i>For Class 54 Rating, Add</i>	1,249.54	
			<i>For Class 55 Rating, Add</i>	1,861.83	
			<i>For Class 56 Rating, Add</i>	2,465.84	
40 05 19 00-2761			12" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2762	EA		12" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,063.95	417.53
			<i>For Class 52 Rating, Deduct</i>	-157.45	
			<i>For Class 54 Rating, Add</i>	222.29	
			<i>For Class 55 Rating, Add</i>	334.37	
			<i>For Class 56 Rating, Add</i>	445.01	
40 05 19 00-2763	EA		12" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,303.61	420.51
			<i>For Class 52 Rating, Deduct</i>	-183.31	
			<i>For Class 54 Rating, Add</i>	257.61	
			<i>For Class 55 Rating, Add</i>	386.91	
			<i>For Class 56 Rating, Add</i>	514.54	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2764 EA 12" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,543.27	423.50
For Class 52 Rating, Deduct	-209.18	
For Class 54 Rating, Add	292.94	
For Class 55 Rating, Add	439.46	
For Class 56 Rating, Add	584.07	
40 05 19 00-2765 EA 12" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	2,782.93	426.48
For Class 52 Rating, Deduct	-235.04	
For Class 54 Rating, Add	328.27	
For Class 55 Rating, Add	492.00	
For Class 56 Rating, Add	653.60	
40 05 19 00-2766 EA 12" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,022.60	429.46
For Class 52 Rating, Deduct	-260.91	
For Class 54 Rating, Add	363.59	
For Class 55 Rating, Add	544.55	
For Class 56 Rating, Add	723.13	
40 05 19 00-2767 EA 12" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,262.26	432.44
For Class 52 Rating, Deduct	-286.77	
For Class 54 Rating, Add	398.92	
For Class 55 Rating, Add	597.10	
For Class 56 Rating, Add	792.66	
40 05 19 00-2768 EA 12" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,501.92	435.43
For Class 52 Rating, Deduct	-312.64	
For Class 54 Rating, Add	434.24	
For Class 55 Rating, Add	649.64	
For Class 56 Rating, Add	862.19	
40 05 19 00-2769 EA 12" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,741.59	438.41
For Class 52 Rating, Deduct	-338.51	
For Class 54 Rating, Add	469.57	
For Class 55 Rating, Add	702.19	
For Class 56 Rating, Add	931.73	
40 05 19 00-2770 EA 12" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	3,981.24	441.39
For Class 52 Rating, Deduct	-364.37	
For Class 54 Rating, Add	504.90	
For Class 55 Rating, Add	754.73	
For Class 56 Rating, Add	1,001.25	
40 05 19 00-2771 EA 12" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,220.92	444.37
For Class 52 Rating, Deduct	-390.24	
For Class 54 Rating, Add	540.22	
For Class 55 Rating, Add	807.28	
For Class 56 Rating, Add	1,070.79	
40 05 19 00-2772 EA 12" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,460.57	447.36
For Class 52 Rating, Deduct	-416.10	
For Class 54 Rating, Add	575.55	
For Class 55 Rating, Add	859.82	
For Class 56 Rating, Add	1,140.32	
40 05 19 00-2773 EA 12" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,700.25	450.34
For Class 52 Rating, Deduct	-441.97	
For Class 54 Rating, Add	610.87	
For Class 55 Rating, Add	912.37	
For Class 56 Rating, Add	1,209.85	
40 05 19 00-2774 EA 12" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,939.90	453.32
For Class 52 Rating, Deduct	-467.84	
For Class 54 Rating, Add	646.20	
For Class 55 Rating, Add	964.91	
For Class 56 Rating, Add	1,279.38	
40 05 19 00-2775 EA 12" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,179.58	456.31
For Class 52 Rating, Deduct	-493.70	
For Class 54 Rating, Add	681.53	
For Class 55 Rating, Add	1,017.46	
For Class 56 Rating, Add	1,348.91	
40 05 19 00-2776 EA 12" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,419.23	459.29
For Class 52 Rating, Deduct	-519.57	
For Class 54 Rating, Add	716.85	
For Class 55 Rating, Add	1,070.01	
For Class 56 Rating, Add	1,418.44	
40 05 19 00-2777 EA 12" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,658.89	462.27
For Class 52 Rating, Deduct	-545.43	
For Class 54 Rating, Add	752.18	
For Class 55 Rating, Add	1,122.55	
For Class 56 Rating, Add	1,487.97	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2778	EA		12" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,898.56	465.25
			<i>For Class 52 Rating, Deduct</i>	-571.30	
			<i>For Class 54 Rating, Add</i>	787.50	
			<i>For Class 55 Rating, Add</i>	1,175.10	
			<i>For Class 56 Rating, Add</i>	1,557.50	
40 05 19 00-2779	EA		12" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,138.21	468.24
			<i>For Class 52 Rating, Deduct</i>	-597.16	
			<i>For Class 54 Rating, Add</i>	822.83	
			<i>For Class 55 Rating, Add</i>	1,227.64	
			<i>For Class 56 Rating, Add</i>	1,627.03	
40 05 19 00-2780	EA		12" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,377.89	471.22
			<i>For Class 52 Rating, Deduct</i>	-623.03	
			<i>For Class 54 Rating, Add</i>	858.16	
			<i>For Class 55 Rating, Add</i>	1,280.19	
			<i>For Class 56 Rating, Add</i>	1,696.56	
40 05 19 00-2781	EA		12" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,617.54	474.20
			<i>For Class 52 Rating, Deduct</i>	-648.90	
			<i>For Class 54 Rating, Add</i>	893.48	
			<i>For Class 55 Rating, Add</i>	1,332.73	
			<i>For Class 56 Rating, Add</i>	1,766.09	
40 05 19 00-2782	EA		12" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,857.22	477.19
			<i>For Class 52 Rating, Deduct</i>	-674.76	
			<i>For Class 54 Rating, Add</i>	928.81	
			<i>For Class 55 Rating, Add</i>	1,385.28	
			<i>For Class 56 Rating, Add</i>	1,835.62	
40 05 19 00-2783	EA		12" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,096.87	480.17
			<i>For Class 52 Rating, Deduct</i>	-700.63	
			<i>For Class 54 Rating, Add</i>	964.13	
			<i>For Class 55 Rating, Add</i>	1,437.83	
			<i>For Class 56 Rating, Add</i>	1,905.15	
40 05 19 00-2784	EA		12" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,336.54	483.15
			<i>For Class 52 Rating, Deduct</i>	-726.50	
			<i>For Class 54 Rating, Add</i>	999.46	
			<i>For Class 55 Rating, Add</i>	1,490.37	
			<i>For Class 56 Rating, Add</i>	1,974.68	
40 05 19 00-2785	EA		12" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,576.20	486.13
			<i>For Class 52 Rating, Deduct</i>	-752.36	
			<i>For Class 54 Rating, Add</i>	1,034.78	
			<i>For Class 55 Rating, Add</i>	1,542.92	
			<i>For Class 56 Rating, Add</i>	2,044.21	
40 05 19 00-2786	EA		12" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,815.87	489.11
			<i>For Class 52 Rating, Deduct</i>	-778.23	
			<i>For Class 54 Rating, Add</i>	1,070.11	
			<i>For Class 55 Rating, Add</i>	1,595.46	
			<i>For Class 56 Rating, Add</i>	2,113.74	
40 05 19 00-2787	EA		12" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,055.53	492.09
			<i>For Class 52 Rating, Deduct</i>	-804.09	
			<i>For Class 54 Rating, Add</i>	1,105.44	
			<i>For Class 55 Rating, Add</i>	1,648.01	
			<i>For Class 56 Rating, Add</i>	2,183.27	
40 05 19 00-2788	EA		12" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,295.20	495.07
			<i>For Class 52 Rating, Deduct</i>	-829.96	
			<i>For Class 54 Rating, Add</i>	1,140.76	
			<i>For Class 55 Rating, Add</i>	1,700.56	
			<i>For Class 56 Rating, Add</i>	2,252.80	
40 05 19 00-2789	EA		12" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,534.85	498.06
			<i>For Class 52 Rating, Deduct</i>	-855.82	
			<i>For Class 54 Rating, Add</i>	1,176.09	
			<i>For Class 55 Rating, Add</i>	1,753.10	
			<i>For Class 56 Rating, Add</i>	2,322.33	
40 05 19 00-2790	EA		12" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,774.52	501.04
			<i>For Class 52 Rating, Deduct</i>	-881.69	
			<i>For Class 54 Rating, Add</i>	1,211.42	
			<i>For Class 55 Rating, Add</i>	1,805.65	
			<i>For Class 56 Rating, Add</i>	2,391.86	
40 05 19 00-2791	EA		12" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,014.18	504.02
			<i>For Class 52 Rating, Deduct</i>	-907.56	
			<i>For Class 54 Rating, Add</i>	1,246.74	
			<i>For Class 55 Rating, Add</i>	1,858.19	
			<i>For Class 56 Rating, Add</i>	2,461.39	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2792 EA 12" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,253.84	507.00
<i>For Class 52 Rating, Deduct</i>	-933.42	
<i>For Class 54 Rating, Add</i>	1,282.07	
<i>For Class 55 Rating, Add</i>	1,910.74	
<i>For Class 56 Rating, Add</i>	2,530.92	
40 05 19 00-2793 EA 12" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,493.51	509.99
<i>For Class 52 Rating, Deduct</i>	-959.29	
<i>For Class 54 Rating, Add</i>	1,317.39	
<i>For Class 55 Rating, Add</i>	1,963.28	
<i>For Class 56 Rating, Add</i>	2,600.45	
40 05 19 00-2794 EA 12" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,733.17	512.97
<i>For Class 52 Rating, Deduct</i>	-985.15	
<i>For Class 54 Rating, Add</i>	1,352.72	
<i>For Class 55 Rating, Add</i>	2,015.83	
<i>For Class 56 Rating, Add</i>	2,669.98	
40 05 19 00-2795 EA 12" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,972.84	515.95
<i>For Class 52 Rating, Deduct</i>	-1,011.02	
<i>For Class 54 Rating, Add</i>	1,388.04	
<i>For Class 55 Rating, Add</i>	2,068.38	
<i>For Class 56 Rating, Add</i>	2,739.51	
40 05 19 00-2796 EA 12" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,212.49	518.93
<i>For Class 52 Rating, Deduct</i>	-1,036.89	
<i>For Class 54 Rating, Add</i>	1,423.37	
<i>For Class 55 Rating, Add</i>	2,120.92	
<i>For Class 56 Rating, Add</i>	2,809.04	
40 05 19 00-2797 EA 12" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,452.17	521.92
<i>For Class 52 Rating, Deduct</i>	-1,062.75	
<i>For Class 54 Rating, Add</i>	1,458.70	
<i>For Class 55 Rating, Add</i>	2,173.47	
<i>For Class 56 Rating, Add</i>	2,878.58	
40 05 19 00-2798 EA 12" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,691.82	524.90
<i>For Class 52 Rating, Deduct</i>	-1,088.62	
<i>For Class 54 Rating, Add</i>	1,494.02	
<i>For Class 55 Rating, Add</i>	2,226.01	
<i>For Class 56 Rating, Add</i>	2,948.10	
40 05 19 00-2799 EA 12" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,931.50	527.88
<i>For Class 52 Rating, Deduct</i>	-1,114.48	
<i>For Class 54 Rating, Add</i>	1,529.35	
<i>For Class 55 Rating, Add</i>	2,278.56	
<i>For Class 56 Rating, Add</i>	3,017.64	
40 05 19 00-2800 EA 12" Flanged x Grooved (FxG), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,171.15	530.87
<i>For Class 52 Rating, Deduct</i>	-1,140.35	
<i>For Class 54 Rating, Add</i>	1,564.67	
<i>For Class 55 Rating, Add</i>	2,331.10	
<i>For Class 56 Rating, Add</i>	3,087.17	
40 05 19 00-2801 14" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2800)</small>		
40 05 19 00-2802 EA 14" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,870.34	501.04
<i>For Class 52 Rating, Deduct</i>	-232.23	
<i>For Class 54 Rating, Add</i>	325.79	
<i>For Class 55 Rating, Add</i>	489.01	
<i>For Class 56 Rating, Add</i>	650.13	
40 05 19 00-2803 EA 14" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,161.12	504.02
<i>For Class 52 Rating, Deduct</i>	-263.72	
<i>For Class 54 Rating, Add</i>	368.78	
<i>For Class 55 Rating, Add</i>	552.96	
<i>For Class 56 Rating, Add</i>	734.74	
40 05 19 00-2804 EA 14" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,451.91	507.00
<i>For Class 52 Rating, Deduct</i>	-295.21	
<i>For Class 54 Rating, Add</i>	411.78	
<i>For Class 55 Rating, Add</i>	616.91	
<i>For Class 56 Rating, Add</i>	819.35	
40 05 19 00-2805 EA 14" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,742.69	509.99
<i>For Class 52 Rating, Deduct</i>	-326.70	
<i>For Class 54 Rating, Add</i>	454.77	
<i>For Class 55 Rating, Add</i>	680.85	
<i>For Class 56 Rating, Add</i>	903.96	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2806	EA	14" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,033.47		512.97
		<i>For Class 52 Rating, Deduct</i>	-358.19		
		<i>For Class 54 Rating, Add</i>	497.76		
		<i>For Class 55 Rating, Add</i>	744.80		
		<i>For Class 56 Rating, Add</i>	988.57		
40 05 19 00-2807	EA	14" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,324.26		515.95
		<i>For Class 52 Rating, Deduct</i>	-389.68		
		<i>For Class 54 Rating, Add</i>	540.76		
		<i>For Class 55 Rating, Add</i>	808.74		
		<i>For Class 56 Rating, Add</i>	1,073.18		
40 05 19 00-2808	EA	14" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,615.03		518.93
		<i>For Class 52 Rating, Deduct</i>	-421.16		
		<i>For Class 54 Rating, Add</i>	583.75		
		<i>For Class 55 Rating, Add</i>	872.69		
		<i>For Class 56 Rating, Add</i>	1,157.79		
40 05 19 00-2809	EA	14" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,905.82		521.92
		<i>For Class 52 Rating, Deduct</i>	-452.65		
		<i>For Class 54 Rating, Add</i>	626.74		
		<i>For Class 55 Rating, Add</i>	936.63		
		<i>For Class 56 Rating, Add</i>	1,242.40		
40 05 19 00-2810	EA	14" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,196.59		524.90
		<i>For Class 52 Rating, Deduct</i>	-484.14		
		<i>For Class 54 Rating, Add</i>	669.74		
		<i>For Class 55 Rating, Add</i>	1,000.57		
		<i>For Class 56 Rating, Add</i>	1,327.01		
40 05 19 00-2811	EA	14" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,487.39		527.88
		<i>For Class 52 Rating, Deduct</i>	-515.63		
		<i>For Class 54 Rating, Add</i>	712.73		
		<i>For Class 55 Rating, Add</i>	1,064.52		
		<i>For Class 56 Rating, Add</i>	1,411.62		
40 05 19 00-2812	EA	14" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,778.16		530.87
		<i>For Class 52 Rating, Deduct</i>	-547.12		
		<i>For Class 54 Rating, Add</i>	755.73		
		<i>For Class 55 Rating, Add</i>	1,128.47		
		<i>For Class 56 Rating, Add</i>	1,496.23		
40 05 19 00-2813	EA	14" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,068.94		533.85
		<i>For Class 52 Rating, Deduct</i>	-578.61		
		<i>For Class 54 Rating, Add</i>	798.72		
		<i>For Class 55 Rating, Add</i>	1,192.41		
		<i>For Class 56 Rating, Add</i>	1,580.84		
40 05 19 00-2814	EA	14" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,359.73		536.83
		<i>For Class 52 Rating, Deduct</i>	-610.10		
		<i>For Class 54 Rating, Add</i>	841.71		
		<i>For Class 55 Rating, Add</i>	1,256.36		
		<i>For Class 56 Rating, Add</i>	1,665.45		
40 05 19 00-2815	EA	14" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,650.50		539.81
		<i>For Class 52 Rating, Deduct</i>	-641.59		
		<i>For Class 54 Rating, Add</i>	884.71		
		<i>For Class 55 Rating, Add</i>	1,320.30		
		<i>For Class 56 Rating, Add</i>	1,750.06		
40 05 19 00-2816	EA	14" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,941.29		542.80
		<i>For Class 52 Rating, Deduct</i>	-673.08		
		<i>For Class 54 Rating, Add</i>	927.70		
		<i>For Class 55 Rating, Add</i>	1,384.25		
		<i>For Class 56 Rating, Add</i>	1,834.67		
40 05 19 00-2817	EA	14" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,232.07		545.78
		<i>For Class 52 Rating, Deduct</i>	-704.57		
		<i>For Class 54 Rating, Add</i>	970.69		
		<i>For Class 55 Rating, Add</i>	1,448.19		
		<i>For Class 56 Rating, Add</i>	1,919.29		
40 05 19 00-2818	EA	14" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,522.86		548.76
		<i>For Class 52 Rating, Deduct</i>	-736.05		
		<i>For Class 54 Rating, Add</i>	1,013.69		
		<i>For Class 55 Rating, Add</i>	1,512.14		
		<i>For Class 56 Rating, Add</i>	2,003.90		
40 05 19 00-2819	EA	14" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,813.63		551.75
		<i>For Class 52 Rating, Deduct</i>	-767.54		
		<i>For Class 54 Rating, Add</i>	1,056.68		
		<i>For Class 55 Rating, Add</i>	1,576.08		
		<i>For Class 56 Rating, Add</i>	2,088.50		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2820 EA 14" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,104.41	554.73
<i>For Class 52 Rating, Deduct</i>	-799.03	
<i>For Class 54 Rating, Add</i>	1,099.67	
<i>For Class 55 Rating, Add</i>	1,640.03	
<i>For Class 56 Rating, Add</i>	2,173.11	
40 05 19 00-2821 EA 14" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,395.20	557.71
<i>For Class 52 Rating, Deduct</i>	-830.52	
<i>For Class 54 Rating, Add</i>	1,142.67	
<i>For Class 55 Rating, Add</i>	1,703.97	
<i>For Class 56 Rating, Add</i>	2,257.73	
40 05 19 00-2822 EA 14" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,685.98	560.69
<i>For Class 52 Rating, Deduct</i>	-862.01	
<i>For Class 54 Rating, Add</i>	1,185.66	
<i>For Class 55 Rating, Add</i>	1,767.92	
<i>For Class 56 Rating, Add</i>	2,342.34	
40 05 19 00-2823 EA 14" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,976.76	563.67
<i>For Class 52 Rating, Deduct</i>	-893.50	
<i>For Class 54 Rating, Add</i>	1,228.66	
<i>For Class 55 Rating, Add</i>	1,831.86	
<i>For Class 56 Rating, Add</i>	2,426.95	
40 05 19 00-2824 EA 14" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,267.54	566.65
<i>For Class 52 Rating, Deduct</i>	-924.99	
<i>For Class 54 Rating, Add</i>	1,271.65	
<i>For Class 55 Rating, Add</i>	1,895.81	
<i>For Class 56 Rating, Add</i>	2,511.56	
40 05 19 00-2825 EA 14" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,558.33	569.63
<i>For Class 52 Rating, Deduct</i>	-956.48	
<i>For Class 54 Rating, Add</i>	1,314.64	
<i>For Class 55 Rating, Add</i>	1,959.75	
<i>For Class 56 Rating, Add</i>	2,596.17	
40 05 19 00-2826 EA 14" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,849.10	572.61
<i>For Class 52 Rating, Deduct</i>	-987.97	
<i>For Class 54 Rating, Add</i>	1,357.64	
<i>For Class 55 Rating, Add</i>	2,023.70	
<i>For Class 56 Rating, Add</i>	2,680.78	
40 05 19 00-2827 EA 14" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,139.89	575.60
<i>For Class 52 Rating, Deduct</i>	-1,019.45	
<i>For Class 54 Rating, Add</i>	1,400.63	
<i>For Class 55 Rating, Add</i>	2,087.64	
<i>For Class 56 Rating, Add</i>	2,765.39	
40 05 19 00-2828 EA 14" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,430.67	578.58
<i>For Class 52 Rating, Deduct</i>	-1,050.94	
<i>For Class 54 Rating, Add</i>	1,443.62	
<i>For Class 55 Rating, Add</i>	2,151.59	
<i>For Class 56 Rating, Add</i>	2,850.00	
40 05 19 00-2829 EA 14" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,721.45	581.56
<i>For Class 52 Rating, Deduct</i>	-1,082.43	
<i>For Class 54 Rating, Add</i>	1,486.62	
<i>For Class 55 Rating, Add</i>	2,215.53	
<i>For Class 56 Rating, Add</i>	2,934.61	
40 05 19 00-2830 EA 14" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,012.24	584.55
<i>For Class 52 Rating, Deduct</i>	-1,113.92	
<i>For Class 54 Rating, Add</i>	1,529.61	
<i>For Class 55 Rating, Add</i>	2,279.48	
<i>For Class 56 Rating, Add</i>	3,019.22	
40 05 19 00-2831 EA 14" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,303.02	587.53
<i>For Class 52 Rating, Deduct</i>	-1,145.41	
<i>For Class 54 Rating, Add</i>	1,572.61	
<i>For Class 55 Rating, Add</i>	2,343.42	
<i>For Class 56 Rating, Add</i>	3,103.83	
40 05 19 00-2832 EA 14" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,593.80	590.51
<i>For Class 52 Rating, Deduct</i>	-1,176.90	
<i>For Class 54 Rating, Add</i>	1,615.60	
<i>For Class 55 Rating, Add</i>	2,407.37	
<i>For Class 56 Rating, Add</i>	3,188.44	
40 05 19 00-2833 EA 14" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,884.58	593.49
<i>For Class 52 Rating, Deduct</i>	-1,208.39	
<i>For Class 54 Rating, Add</i>	1,658.59	
<i>For Class 55 Rating, Add</i>	2,471.31	
<i>For Class 56 Rating, Add</i>	3,273.05	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2834	EA		14" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,175.36	596.48
			<i>For Class 52 Rating, Deduct</i>	-1,239.88	
			<i>For Class 54 Rating, Add</i>	1,701.59	
			<i>For Class 55 Rating, Add</i>	2,535.26	
			<i>For Class 56 Rating, Add</i>	3,357.66	
40 05 19 00-2835	EA		14" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,466.14	599.46
			<i>For Class 52 Rating, Deduct</i>	-1,271.37	
			<i>For Class 54 Rating, Add</i>	1,744.58	
			<i>For Class 55 Rating, Add</i>	2,599.20	
			<i>For Class 56 Rating, Add</i>	3,442.27	
40 05 19 00-2836	EA		14" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,756.92	602.44
			<i>For Class 52 Rating, Deduct</i>	-1,302.85	
			<i>For Class 54 Rating, Add</i>	1,787.57	
			<i>For Class 55 Rating, Add</i>	2,663.15	
			<i>For Class 56 Rating, Add</i>	3,526.88	
40 05 19 00-2837	EA		14" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,047.71	605.43
			<i>For Class 52 Rating, Deduct</i>	-1,334.34	
			<i>For Class 54 Rating, Add</i>	1,830.57	
			<i>For Class 55 Rating, Add</i>	2,727.09	
			<i>For Class 56 Rating, Add</i>	3,611.49	
40 05 19 00-2838	EA		14" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,338.49	608.41
			<i>For Class 52 Rating, Deduct</i>	-1,365.83	
			<i>For Class 54 Rating, Add</i>	1,873.56	
			<i>For Class 55 Rating, Add</i>	2,791.04	
			<i>For Class 56 Rating, Add</i>	3,696.10	
40 05 19 00-2839	EA		14" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,629.27	611.39
			<i>For Class 52 Rating, Deduct</i>	-1,397.32	
			<i>For Class 54 Rating, Add</i>	1,916.55	
			<i>For Class 55 Rating, Add</i>	2,854.98	
			<i>For Class 56 Rating, Add</i>	3,780.71	
40 05 19 00-2840			16" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2841	EA		16" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,359.62	572.61
			<i>For Class 52 Rating, Deduct</i>	-274.12	
			<i>For Class 54 Rating, Add</i>	384.21	
			<i>For Class 55 Rating, Add</i>	576.54	
			<i>For Class 56 Rating, Add</i>	766.38	
40 05 19 00-2842	EA		16" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,696.41	575.60
			<i>For Class 52 Rating, Deduct</i>	-310.67	
			<i>For Class 54 Rating, Add</i>	434.11	
			<i>For Class 55 Rating, Add</i>	650.75	
			<i>For Class 56 Rating, Add</i>	864.56	
40 05 19 00-2843	EA		16" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,033.20	578.58
			<i>For Class 52 Rating, Deduct</i>	-347.22	
			<i>For Class 54 Rating, Add</i>	484.00	
			<i>For Class 55 Rating, Add</i>	724.95	
			<i>For Class 56 Rating, Add</i>	962.74	
40 05 19 00-2844	EA		16" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,369.99	581.56
			<i>For Class 52 Rating, Deduct</i>	-383.77	
			<i>For Class 54 Rating, Add</i>	533.90	
			<i>For Class 55 Rating, Add</i>	799.16	
			<i>For Class 56 Rating, Add</i>	1,060.93	
40 05 19 00-2845	EA		16" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,706.78	584.55
			<i>For Class 52 Rating, Deduct</i>	-420.32	
			<i>For Class 54 Rating, Add</i>	583.79	
			<i>For Class 55 Rating, Add</i>	873.36	
			<i>For Class 56 Rating, Add</i>	1,159.11	
40 05 19 00-2846	EA		16" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,043.57	587.53
			<i>For Class 52 Rating, Deduct</i>	-456.87	
			<i>For Class 54 Rating, Add</i>	633.69	
			<i>For Class 55 Rating, Add</i>	947.57	
			<i>For Class 56 Rating, Add</i>	1,257.29	
40 05 19 00-2847	EA		16" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,380.36	590.51
			<i>For Class 52 Rating, Deduct</i>	-493.42	
			<i>For Class 54 Rating, Add</i>	683.58	
			<i>For Class 55 Rating, Add</i>	1,021.77	
			<i>For Class 56 Rating, Add</i>	1,355.47	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2848 EA 16" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,717.15	593.49
<i>For Class 52 Rating, Deduct</i>	-529.97	
<i>For Class 54 Rating, Add</i>	733.48	
<i>For Class 55 Rating, Add</i>	1,095.98	
<i>For Class 56 Rating, Add</i>	1,453.66	
40 05 19 00-2849 EA 16" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,053.93	596.48
<i>For Class 52 Rating, Deduct</i>	-566.52	
<i>For Class 54 Rating, Add</i>	783.37	
<i>For Class 55 Rating, Add</i>	1,170.18	
<i>For Class 56 Rating, Add</i>	1,551.84	
40 05 19 00-2850 EA 16" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,390.72	599.46
<i>For Class 52 Rating, Deduct</i>	-603.07	
<i>For Class 54 Rating, Add</i>	833.27	
<i>For Class 55 Rating, Add</i>	1,244.38	
<i>For Class 56 Rating, Add</i>	1,650.02	
40 05 19 00-2851 EA 16" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,727.51	602.44
<i>For Class 52 Rating, Deduct</i>	-639.62	
<i>For Class 54 Rating, Add</i>	883.16	
<i>For Class 55 Rating, Add</i>	1,318.59	
<i>For Class 56 Rating, Add</i>	1,748.20	
40 05 19 00-2852 EA 16" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,064.30	605.43
<i>For Class 52 Rating, Deduct</i>	-676.17	
<i>For Class 54 Rating, Add</i>	933.06	
<i>For Class 55 Rating, Add</i>	1,392.79	
<i>For Class 56 Rating, Add</i>	1,846.39	
40 05 19 00-2853 EA 16" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,401.09	608.41
<i>For Class 52 Rating, Deduct</i>	-712.72	
<i>For Class 54 Rating, Add</i>	982.95	
<i>For Class 55 Rating, Add</i>	1,467.00	
<i>For Class 56 Rating, Add</i>	1,944.57	
40 05 19 00-2854 EA 16" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,737.88	611.39
<i>For Class 52 Rating, Deduct</i>	-749.27	
<i>For Class 54 Rating, Add</i>	1,032.85	
<i>For Class 55 Rating, Add</i>	1,541.20	
<i>For Class 56 Rating, Add</i>	2,042.75	
40 05 19 00-2855 EA 16" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,074.67	614.37
<i>For Class 52 Rating, Deduct</i>	-785.82	
<i>For Class 54 Rating, Add</i>	1,082.74	
<i>For Class 55 Rating, Add</i>	1,615.41	
<i>For Class 56 Rating, Add</i>	2,140.93	
40 05 19 00-2856 EA 16" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,411.45	617.36
<i>For Class 52 Rating, Deduct</i>	-822.37	
<i>For Class 54 Rating, Add</i>	1,132.64	
<i>For Class 55 Rating, Add</i>	1,689.61	
<i>For Class 56 Rating, Add</i>	2,239.11	
40 05 19 00-2857 EA 16" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,748.25	620.34
<i>For Class 52 Rating, Deduct</i>	-858.92	
<i>For Class 54 Rating, Add</i>	1,182.53	
<i>For Class 55 Rating, Add</i>	1,763.82	
<i>For Class 56 Rating, Add</i>	2,337.30	
40 05 19 00-2858 EA 16" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,085.03	623.32
<i>For Class 52 Rating, Deduct</i>	-895.47	
<i>For Class 54 Rating, Add</i>	1,232.42	
<i>For Class 55 Rating, Add</i>	1,838.02	
<i>For Class 56 Rating, Add</i>	2,435.48	
40 05 19 00-2859 EA 16" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,421.82	626.30
<i>For Class 52 Rating, Deduct</i>	-932.02	
<i>For Class 54 Rating, Add</i>	1,282.32	
<i>For Class 55 Rating, Add</i>	1,912.22	
<i>For Class 56 Rating, Add</i>	2,533.66	
40 05 19 00-2860 EA 16" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,758.60	629.29
<i>For Class 52 Rating, Deduct</i>	-968.57	
<i>For Class 54 Rating, Add</i>	1,332.21	
<i>For Class 55 Rating, Add</i>	1,986.43	
<i>For Class 56 Rating, Add</i>	2,631.84	
40 05 19 00-2861 EA 16" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,095.38	632.27
<i>For Class 52 Rating, Deduct</i>	-1,005.12	
<i>For Class 54 Rating, Add</i>	1,382.11	
<i>For Class 55 Rating, Add</i>	2,060.63	
<i>For Class 56 Rating, Add</i>	2,730.02	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2862	EA		16" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,432.18	635.25
			<i>For Class 52 Rating, Deduct</i>	-1,041.66	
			<i>For Class 54 Rating, Add</i>	1,432.00	
			<i>For Class 55 Rating, Add</i>	2,134.84	
			<i>For Class 56 Rating, Add</i>	2,828.21	
40 05 19 00-2863	EA		16" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,768.96	638.23
			<i>For Class 52 Rating, Deduct</i>	-1,078.21	
			<i>For Class 54 Rating, Add</i>	1,481.90	
			<i>For Class 55 Rating, Add</i>	2,209.04	
			<i>For Class 56 Rating, Add</i>	2,926.39	
40 05 19 00-2864	EA		16" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,105.76	641.21
			<i>For Class 52 Rating, Deduct</i>	-1,114.76	
			<i>For Class 54 Rating, Add</i>	1,531.79	
			<i>For Class 55 Rating, Add</i>	2,283.25	
			<i>For Class 56 Rating, Add</i>	3,024.57	
40 05 19 00-2865	EA		16" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,442.54	644.19
			<i>For Class 52 Rating, Deduct</i>	-1,151.31	
			<i>For Class 54 Rating, Add</i>	1,581.69	
			<i>For Class 55 Rating, Add</i>	2,357.45	
			<i>For Class 56 Rating, Add</i>	3,122.75	
40 05 19 00-2866	EA		16" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,779.34	647.17
			<i>For Class 52 Rating, Deduct</i>	-1,187.86	
			<i>For Class 54 Rating, Add</i>	1,631.58	
			<i>For Class 55 Rating, Add</i>	2,431.66	
			<i>For Class 56 Rating, Add</i>	3,220.94	
40 05 19 00-2867	EA		16" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,116.12	650.16
			<i>For Class 52 Rating, Deduct</i>	-1,224.41	
			<i>For Class 54 Rating, Add</i>	1,681.48	
			<i>For Class 55 Rating, Add</i>	2,505.86	
			<i>For Class 56 Rating, Add</i>	3,319.12	
40 05 19 00-2868	EA		16" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,452.91	653.14
			<i>For Class 52 Rating, Deduct</i>	-1,260.96	
			<i>For Class 54 Rating, Add</i>	1,731.37	
			<i>For Class 55 Rating, Add</i>	2,580.07	
			<i>For Class 56 Rating, Add</i>	3,417.30	
40 05 19 00-2869	EA		16" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,789.70	656.12
			<i>For Class 52 Rating, Deduct</i>	-1,297.51	
			<i>For Class 54 Rating, Add</i>	1,781.27	
			<i>For Class 55 Rating, Add</i>	2,654.27	
			<i>For Class 56 Rating, Add</i>	3,515.48	
40 05 19 00-2870	EA		16" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,126.49	659.11
			<i>For Class 52 Rating, Deduct</i>	-1,334.06	
			<i>For Class 54 Rating, Add</i>	1,831.16	
			<i>For Class 55 Rating, Add</i>	2,728.48	
			<i>For Class 56 Rating, Add</i>	3,613.66	
40 05 19 00-2871	EA		16" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,463.28	662.09
			<i>For Class 52 Rating, Deduct</i>	-1,370.61	
			<i>For Class 54 Rating, Add</i>	1,881.05	
			<i>For Class 55 Rating, Add</i>	2,802.68	
			<i>For Class 56 Rating, Add</i>	3,711.85	
40 05 19 00-2872	EA		16" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,800.06	665.07
			<i>For Class 52 Rating, Deduct</i>	-1,407.16	
			<i>For Class 54 Rating, Add</i>	1,930.95	
			<i>For Class 55 Rating, Add</i>	2,876.89	
			<i>For Class 56 Rating, Add</i>	3,810.03	
40 05 19 00-2873	EA		16" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,136.86	668.05
			<i>For Class 52 Rating, Deduct</i>	-1,443.71	
			<i>For Class 54 Rating, Add</i>	1,980.84	
			<i>For Class 55 Rating, Add</i>	2,951.09	
			<i>For Class 56 Rating, Add</i>	3,908.21	
40 05 19 00-2874	EA		16" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,473.64	671.04
			<i>For Class 52 Rating, Deduct</i>	-1,480.26	
			<i>For Class 54 Rating, Add</i>	2,030.74	
			<i>For Class 55 Rating, Add</i>	3,025.29	
			<i>For Class 56 Rating, Add</i>	4,006.39	
40 05 19 00-2875	EA		16" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,810.43	674.02
			<i>For Class 52 Rating, Deduct</i>	-1,516.81	
			<i>For Class 54 Rating, Add</i>	2,080.63	
			<i>For Class 55 Rating, Add</i>	3,099.50	
			<i>For Class 56 Rating, Add</i>	4,104.58	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2876 EA 16" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,147.22	677.00
<i>For Class 52 Rating, Deduct</i>	-1,553.36	
<i>For Class 54 Rating, Add</i>	2,130.53	
<i>For Class 55 Rating, Add</i>	3,173.70	
<i>For Class 56 Rating, Add</i>	4,202.76	
40 05 19 00-2877 EA 16" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,484.01	679.99
<i>For Class 52 Rating, Deduct</i>	-1,589.91	
<i>For Class 54 Rating, Add</i>	2,180.42	
<i>For Class 55 Rating, Add</i>	3,247.91	
<i>For Class 56 Rating, Add</i>	4,300.94	
40 05 19 00-2878 EA 16" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,820.80	682.97
<i>For Class 52 Rating, Deduct</i>	-1,626.46	
<i>For Class 54 Rating, Add</i>	2,230.32	
<i>For Class 55 Rating, Add</i>	3,322.11	
<i>For Class 56 Rating, Add</i>	4,399.12	
40 05 19 00-2879 18" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2880 EA 18" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,929.95	645.40
<i>For Class 52 Rating, Deduct</i>	-324.73	
<i>For Class 54 Rating, Add</i>	454.55	
<i>For Class 55 Rating, Add</i>	681.78	
<i>For Class 56 Rating, Add</i>	906.07	
40 05 19 00-2881 EA 18" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,317.86	648.38
<i>For Class 52 Rating, Deduct</i>	-366.90	
<i>For Class 54 Rating, Add</i>	512.11	
<i>For Class 55 Rating, Add</i>	767.39	
<i>For Class 56 Rating, Add</i>	1,019.33	
40 05 19 00-2882 EA 18" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,705.76	651.36
<i>For Class 52 Rating, Deduct</i>	-409.07	
<i>For Class 54 Rating, Add</i>	569.67	
<i>For Class 55 Rating, Add</i>	852.99	
<i>For Class 56 Rating, Add</i>	1,132.59	
40 05 19 00-2883 EA 18" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,093.67	654.34
<i>For Class 52 Rating, Deduct</i>	-451.25	
<i>For Class 54 Rating, Add</i>	627.23	
<i>For Class 55 Rating, Add</i>	938.60	
<i>For Class 56 Rating, Add</i>	1,245.85	
40 05 19 00-2884 EA 18" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,481.58	657.33
<i>For Class 52 Rating, Deduct</i>	-493.42	
<i>For Class 54 Rating, Add</i>	684.80	
<i>For Class 55 Rating, Add</i>	1,024.20	
<i>For Class 56 Rating, Add</i>	1,359.12	
40 05 19 00-2885 EA 18" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,869.48	660.31
<i>For Class 52 Rating, Deduct</i>	-535.59	
<i>For Class 54 Rating, Add</i>	742.36	
<i>For Class 55 Rating, Add</i>	1,109.80	
<i>For Class 56 Rating, Add</i>	1,472.38	
40 05 19 00-2886 EA 18" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,257.40	663.29
<i>For Class 52 Rating, Deduct</i>	-577.77	
<i>For Class 54 Rating, Add</i>	799.92	
<i>For Class 55 Rating, Add</i>	1,195.41	
<i>For Class 56 Rating, Add</i>	1,585.64	
40 05 19 00-2887 EA 18" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,645.29	666.27
<i>For Class 52 Rating, Deduct</i>	-619.94	
<i>For Class 54 Rating, Add</i>	857.48	
<i>For Class 55 Rating, Add</i>	1,281.01	
<i>For Class 56 Rating, Add</i>	1,698.90	
40 05 19 00-2888 EA 18" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,033.20	669.25
<i>For Class 52 Rating, Deduct</i>	-662.11	
<i>For Class 54 Rating, Add</i>	915.05	
<i>For Class 55 Rating, Add</i>	1,366.62	
<i>For Class 56 Rating, Add</i>	1,812.17	
40 05 19 00-2889 EA 18" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,421.11	672.23
<i>For Class 52 Rating, Deduct</i>	-704.28	
<i>For Class 54 Rating, Add</i>	972.61	
<i>For Class 55 Rating, Add</i>	1,452.22	
<i>For Class 56 Rating, Add</i>	1,925.43	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
40 05 19 00-2890	EA	18" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,809.02		675.21
		<i>For Class 52 Rating, Deduct</i>	-746.46		
		<i>For Class 54 Rating, Add</i>	1,030.17		
		<i>For Class 55 Rating, Add</i>	1,537.82		
		<i>For Class 56 Rating, Add</i>	2,038.69		
40 05 19 00-2891	EA	18" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,196.93		678.20
		<i>For Class 52 Rating, Deduct</i>	-788.63		
		<i>For Class 54 Rating, Add</i>	1,087.73		
		<i>For Class 55 Rating, Add</i>	1,623.43		
		<i>For Class 56 Rating, Add</i>	2,151.95		
40 05 19 00-2892	EA	18" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,584.82		681.18
		<i>For Class 52 Rating, Deduct</i>	-830.80		
		<i>For Class 54 Rating, Add</i>	1,145.30		
		<i>For Class 55 Rating, Add</i>	1,709.03		
		<i>For Class 56 Rating, Add</i>	2,265.21		
40 05 19 00-2893	EA	18" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,972.74		684.16
		<i>For Class 52 Rating, Deduct</i>	-872.97		
		<i>For Class 54 Rating, Add</i>	1,202.86		
		<i>For Class 55 Rating, Add</i>	1,794.64		
		<i>For Class 56 Rating, Add</i>	2,378.48		
40 05 19 00-2894	EA	18" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,360.64		687.14
		<i>For Class 52 Rating, Deduct</i>	-915.15		
		<i>For Class 54 Rating, Add</i>	1,260.42		
		<i>For Class 55 Rating, Add</i>	1,880.24		
		<i>For Class 56 Rating, Add</i>	2,491.74		
40 05 19 00-2895	EA	18" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,748.56		690.13
		<i>For Class 52 Rating, Deduct</i>	-957.32		
		<i>For Class 54 Rating, Add</i>	1,317.98		
		<i>For Class 55 Rating, Add</i>	1,965.84		
		<i>For Class 56 Rating, Add</i>	2,605.00		
40 05 19 00-2896	EA	18" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,136.46		693.11
		<i>For Class 52 Rating, Deduct</i>	-999.49		
		<i>For Class 54 Rating, Add</i>	1,375.55		
		<i>For Class 55 Rating, Add</i>	2,051.45		
		<i>For Class 56 Rating, Add</i>	2,718.26		
40 05 19 00-2897	EA	18" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,524.36		696.09
		<i>For Class 52 Rating, Deduct</i>	-1,041.66		
		<i>For Class 54 Rating, Add</i>	1,433.11		
		<i>For Class 55 Rating, Add</i>	2,137.05		
		<i>For Class 56 Rating, Add</i>	2,831.52		
40 05 19 00-2898	EA	18" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,912.27		699.08
		<i>For Class 52 Rating, Deduct</i>	-1,083.84		
		<i>For Class 54 Rating, Add</i>	1,490.67		
		<i>For Class 55 Rating, Add</i>	2,222.66		
		<i>For Class 56 Rating, Add</i>	2,944.79		
40 05 19 00-2899	EA	18" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,300.17		702.06
		<i>For Class 52 Rating, Deduct</i>	-1,126.01		
		<i>For Class 54 Rating, Add</i>	1,548.23		
		<i>For Class 55 Rating, Add</i>	2,308.26		
		<i>For Class 56 Rating, Add</i>	3,058.05		
40 05 19 00-2900	EA	18" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,688.09		705.04
		<i>For Class 52 Rating, Deduct</i>	-1,168.18		
		<i>For Class 54 Rating, Add</i>	1,605.80		
		<i>For Class 55 Rating, Add</i>	2,393.86		
		<i>For Class 56 Rating, Add</i>	3,171.31		
40 05 19 00-2901	EA	18" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,075.99		708.02
		<i>For Class 52 Rating, Deduct</i>	-1,210.36		
		<i>For Class 54 Rating, Add</i>	1,663.36		
		<i>For Class 55 Rating, Add</i>	2,479.47		
		<i>For Class 56 Rating, Add</i>	3,284.57		
40 05 19 00-2902	EA	18" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,463.90		711.01
		<i>For Class 52 Rating, Deduct</i>	-1,252.53		
		<i>For Class 54 Rating, Add</i>	1,720.92		
		<i>For Class 55 Rating, Add</i>	2,565.07		
		<i>For Class 56 Rating, Add</i>	3,397.83		
40 05 19 00-2903	EA	18" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,851.80		713.99
		<i>For Class 52 Rating, Deduct</i>	-1,294.70		
		<i>For Class 54 Rating, Add</i>	1,778.48		
		<i>For Class 55 Rating, Add</i>	2,650.68		
		<i>For Class 56 Rating, Add</i>	3,511.10		

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2904 EA 18" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,239.71	716.97
<i>For Class 52 Rating, Deduct</i>	-1,336.87	
<i>For Class 54 Rating, Add</i>	1,836.05	
<i>For Class 55 Rating, Add</i>	2,736.28	
<i>For Class 56 Rating, Add</i>	3,624.36	
40 05 19 00-2905 EA 18" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,627.62	719.95
<i>For Class 52 Rating, Deduct</i>	-1,379.05	
<i>For Class 54 Rating, Add</i>	1,893.61	
<i>For Class 55 Rating, Add</i>	2,821.88	
<i>For Class 56 Rating, Add</i>	3,737.62	
40 05 19 00-2906 EA 18" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,015.53	722.94
<i>For Class 52 Rating, Deduct</i>	-1,421.22	
<i>For Class 54 Rating, Add</i>	1,951.17	
<i>For Class 55 Rating, Add</i>	2,907.49	
<i>For Class 56 Rating, Add</i>	3,850.89	
40 05 19 00-2907 EA 18" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,403.43	725.92
<i>For Class 52 Rating, Deduct</i>	-1,463.39	
<i>For Class 54 Rating, Add</i>	2,008.73	
<i>For Class 55 Rating, Add</i>	2,993.09	
<i>For Class 56 Rating, Add</i>	3,964.15	
40 05 19 00-2908 EA 18" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,791.34	728.90
<i>For Class 52 Rating, Deduct</i>	-1,505.56	
<i>For Class 54 Rating, Add</i>	2,066.30	
<i>For Class 55 Rating, Add</i>	3,078.70	
<i>For Class 56 Rating, Add</i>	4,077.41	
40 05 19 00-2909 EA 18" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,179.25	731.89
<i>For Class 52 Rating, Deduct</i>	-1,547.74	
<i>For Class 54 Rating, Add</i>	2,123.86	
<i>For Class 55 Rating, Add</i>	3,164.30	
<i>For Class 56 Rating, Add</i>	4,190.67	
40 05 19 00-2910 EA 18" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,567.15	734.87
<i>For Class 52 Rating, Deduct</i>	-1,589.91	
<i>For Class 54 Rating, Add</i>	2,181.42	
<i>For Class 55 Rating, Add</i>	3,249.90	
<i>For Class 56 Rating, Add</i>	4,303.93	
40 05 19 00-2911 EA 18" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,955.06	737.85
<i>For Class 52 Rating, Deduct</i>	-1,632.08	
<i>For Class 54 Rating, Add</i>	2,238.98	
<i>For Class 55 Rating, Add</i>	3,335.51	
<i>For Class 56 Rating, Add</i>	4,417.20	
40 05 19 00-2912 EA 18" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,342.96	740.83
<i>For Class 52 Rating, Deduct</i>	-1,674.26	
<i>For Class 54 Rating, Add</i>	2,296.54	
<i>For Class 55 Rating, Add</i>	3,421.11	
<i>For Class 56 Rating, Add</i>	4,530.46	
40 05 19 00-2913 EA 18" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,730.87	743.81
<i>For Class 52 Rating, Deduct</i>	-1,716.43	
<i>For Class 54 Rating, Add</i>	2,354.11	
<i>For Class 55 Rating, Add</i>	3,506.71	
<i>For Class 56 Rating, Add</i>	4,643.72	
40 05 19 00-2914 EA 18" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,118.78	746.79
<i>For Class 52 Rating, Deduct</i>	-1,758.60	
<i>For Class 54 Rating, Add</i>	2,411.67	
<i>For Class 55 Rating, Add</i>	3,592.32	
<i>For Class 56 Rating, Add</i>	4,756.98	
40 05 19 00-2915 EA 18" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,506.69	749.77
<i>For Class 52 Rating, Deduct</i>	-1,800.77	
<i>For Class 54 Rating, Add</i>	2,469.23	
<i>For Class 55 Rating, Add</i>	3,677.92	
<i>For Class 56 Rating, Add</i>	4,870.24	
40 05 19 00-2916 EA 18" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,894.60	752.76
<i>For Class 52 Rating, Deduct</i>	-1,842.95	
<i>For Class 54 Rating, Add</i>	2,526.80	
<i>For Class 55 Rating, Add</i>	3,763.53	
<i>For Class 56 Rating, Add</i>	4,983.51	
40 05 19 00-2917 EA 18" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,282.50	755.74
<i>For Class 52 Rating, Deduct</i>	-1,885.12	
<i>For Class 54 Rating, Add</i>	2,584.36	
<i>For Class 55 Rating, Add</i>	3,849.13	
<i>For Class 56 Rating, Add</i>	5,096.77	
40 05 19 00-2918 20" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		

40 Process Interconnections

40 05 Common Work Results For Process Interconnections

40 05 19 Ductile Iron Process Pipe

Cal Poly
Humboldt.

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2919	EA		20" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,553.84	736.65
			<i>For Class 52 Rating, Deduct</i>	-378.15	
			<i>For Class 54 Rating, Add</i>	529.05	
			<i>For Class 55 Rating, Add</i>	793.40	
			<i>For Class 56 Rating, Add</i>	1,054.31	
40 05 19 00-2920	EA		20" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	4,995.43	739.63
			<i>For Class 52 Rating, Deduct</i>	-426.22	
			<i>For Class 54 Rating, Add</i>	594.66	
			<i>For Class 55 Rating, Add</i>	890.97	
			<i>For Class 56 Rating, Add</i>	1,183.40	
40 05 19 00-2921	EA		20" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,437.01	742.61
			<i>For Class 52 Rating, Deduct</i>	-474.30	
			<i>For Class 54 Rating, Add</i>	660.28	
			<i>For Class 55 Rating, Add</i>	988.54	
			<i>For Class 56 Rating, Add</i>	1,312.50	
40 05 19 00-2922	EA		20" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	5,878.60	745.60
			<i>For Class 52 Rating, Deduct</i>	-522.38	
			<i>For Class 54 Rating, Add</i>	725.89	
			<i>For Class 55 Rating, Add</i>	1,086.12	
			<i>For Class 56 Rating, Add</i>	1,441.59	
40 05 19 00-2923	EA		20" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,320.17	748.58
			<i>For Class 52 Rating, Deduct</i>	-570.46	
			<i>For Class 54 Rating, Add</i>	791.50	
			<i>For Class 55 Rating, Add</i>	1,183.69	
			<i>For Class 56 Rating, Add</i>	1,570.69	
40 05 19 00-2924	EA		20" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	6,761.75	751.56
			<i>For Class 52 Rating, Deduct</i>	-618.53	
			<i>For Class 54 Rating, Add</i>	857.12	
			<i>For Class 55 Rating, Add</i>	1,281.26	
			<i>For Class 56 Rating, Add</i>	1,699.79	
40 05 19 00-2925	EA		20" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,203.34	754.54
			<i>For Class 52 Rating, Deduct</i>	-666.61	
			<i>For Class 54 Rating, Add</i>	922.73	
			<i>For Class 55 Rating, Add</i>	1,378.84	
			<i>For Class 56 Rating, Add</i>	1,828.88	
40 05 19 00-2926	EA		20" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,644.92	757.53
			<i>For Class 52 Rating, Deduct</i>	-714.69	
			<i>For Class 54 Rating, Add</i>	988.35	
			<i>For Class 55 Rating, Add</i>	1,476.41	
			<i>For Class 56 Rating, Add</i>	1,957.98	
40 05 19 00-2927	EA		20" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,086.50	760.51
			<i>For Class 52 Rating, Deduct</i>	-762.76	
			<i>For Class 54 Rating, Add</i>	1,053.96	
			<i>For Class 55 Rating, Add</i>	1,573.98	
			<i>For Class 56 Rating, Add</i>	2,087.07	
40 05 19 00-2928	EA		20" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,528.07	763.49
			<i>For Class 52 Rating, Deduct</i>	-810.84	
			<i>For Class 54 Rating, Add</i>	1,119.57	
			<i>For Class 55 Rating, Add</i>	1,671.56	
			<i>For Class 56 Rating, Add</i>	2,216.17	
40 05 19 00-2929	EA		20" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,969.66	766.48
			<i>For Class 52 Rating, Deduct</i>	-858.92	
			<i>For Class 54 Rating, Add</i>	1,185.19	
			<i>For Class 55 Rating, Add</i>	1,769.13	
			<i>For Class 56 Rating, Add</i>	2,345.27	
40 05 19 00-2930	EA		20" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,411.24	769.46
			<i>For Class 52 Rating, Deduct</i>	-906.99	
			<i>For Class 54 Rating, Add</i>	1,250.80	
			<i>For Class 55 Rating, Add</i>	1,866.70	
			<i>For Class 56 Rating, Add</i>	2,474.36	
40 05 19 00-2931	EA		20" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,852.82	772.44
			<i>For Class 52 Rating, Deduct</i>	-955.07	
			<i>For Class 54 Rating, Add</i>	1,316.41	
			<i>For Class 55 Rating, Add</i>	1,964.28	
			<i>For Class 56 Rating, Add</i>	2,603.46	
40 05 19 00-2932	EA		20" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,294.40	775.42
			<i>For Class 52 Rating, Deduct</i>	-1,003.15	
			<i>For Class 54 Rating, Add</i>	1,382.03	
			<i>For Class 55 Rating, Add</i>	2,061.85	
			<i>For Class 56 Rating, Add</i>	2,732.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2933 EA 20" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,735.98	778.41
For Class 52 Rating, Deduct	-1,051.22	
For Class 54 Rating, Add	1,447.64	
For Class 55 Rating, Add	2,159.42	
For Class 56 Rating, Add	2,861.65	
40 05 19 00-2934 EA 20" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,177.57	781.39
For Class 52 Rating, Deduct	-1,099.30	
For Class 54 Rating, Add	1,513.25	
For Class 55 Rating, Add	2,257.00	
For Class 56 Rating, Add	2,990.75	
40 05 19 00-2935 EA 20" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,619.15	784.37
For Class 52 Rating, Deduct	-1,147.38	
For Class 54 Rating, Add	1,578.87	
For Class 55 Rating, Add	2,354.57	
For Class 56 Rating, Add	3,119.84	
40 05 19 00-2936 EA 20" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,060.72	787.35
For Class 52 Rating, Deduct	-1,195.45	
For Class 54 Rating, Add	1,644.48	
For Class 55 Rating, Add	2,452.14	
For Class 56 Rating, Add	3,248.94	
40 05 19 00-2937 EA 20" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,502.31	790.33
For Class 52 Rating, Deduct	-1,243.53	
For Class 54 Rating, Add	1,710.09	
For Class 55 Rating, Add	2,549.72	
For Class 56 Rating, Add	3,378.03	
40 05 19 00-2938 EA 20" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,943.89	793.31
For Class 52 Rating, Deduct	-1,291.61	
For Class 54 Rating, Add	1,775.71	
For Class 55 Rating, Add	2,647.29	
For Class 56 Rating, Add	3,507.13	
40 05 19 00-2939 EA 20" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,385.47	796.29
For Class 52 Rating, Deduct	-1,339.69	
For Class 54 Rating, Add	1,841.32	
For Class 55 Rating, Add	2,744.86	
For Class 56 Rating, Add	3,636.23	
40 05 19 00-2940 EA 20" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,827.05	799.28
For Class 52 Rating, Deduct	-1,387.76	
For Class 54 Rating, Add	1,906.94	
For Class 55 Rating, Add	2,842.44	
For Class 56 Rating, Add	3,765.32	
40 05 19 00-2941 EA 20" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,268.63	802.26
For Class 52 Rating, Deduct	-1,435.84	
For Class 54 Rating, Add	1,972.55	
For Class 55 Rating, Add	2,940.01	
For Class 56 Rating, Add	3,894.42	
40 05 19 00-2942 EA 20" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,710.22	805.24
For Class 52 Rating, Deduct	-1,483.92	
For Class 54 Rating, Add	2,038.16	
For Class 55 Rating, Add	3,037.59	
For Class 56 Rating, Add	4,023.52	
40 05 19 00-2943 EA 20" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,151.79	808.22
For Class 52 Rating, Deduct	-1,531.99	
For Class 54 Rating, Add	2,103.78	
For Class 55 Rating, Add	3,135.16	
For Class 56 Rating, Add	4,152.61	
40 05 19 00-2944 EA 20" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,593.38	811.21
For Class 52 Rating, Deduct	-1,580.07	
For Class 54 Rating, Add	2,169.39	
For Class 55 Rating, Add	3,232.73	
For Class 56 Rating, Add	4,281.71	
40 05 19 00-2945 EA 20" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,034.95	814.19
For Class 52 Rating, Deduct	-1,628.15	
For Class 54 Rating, Add	2,235.00	
For Class 55 Rating, Add	3,330.30	
For Class 56 Rating, Add	4,410.80	
40 05 19 00-2946 EA 20" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,476.55	817.17
For Class 52 Rating, Deduct	-1,676.22	
For Class 54 Rating, Add	2,300.62	
For Class 55 Rating, Add	3,427.88	
For Class 56 Rating, Add	4,539.90	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2947	EA		20" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,918.12	820.16
			<i>For Class 52 Rating, Deduct</i>	-1,724.30	
			<i>For Class 54 Rating, Add</i>	2,366.23	
			<i>For Class 55 Rating, Add</i>	3,525.45	
			<i>For Class 56 Rating, Add</i>	4,669.00	
40 05 19 00-2948	EA		20" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,359.70	823.14
			<i>For Class 52 Rating, Deduct</i>	-1,772.38	
			<i>For Class 54 Rating, Add</i>	2,431.84	
			<i>For Class 55 Rating, Add</i>	3,623.02	
			<i>For Class 56 Rating, Add</i>	4,798.09	
40 05 19 00-2949	EA		20" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,801.28	826.12
			<i>For Class 52 Rating, Deduct</i>	-1,820.45	
			<i>For Class 54 Rating, Add</i>	2,497.46	
			<i>For Class 55 Rating, Add</i>	3,720.60	
			<i>For Class 56 Rating, Add</i>	4,927.19	
40 05 19 00-2950	EA		20" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,242.85	829.10
			<i>For Class 52 Rating, Deduct</i>	-1,868.53	
			<i>For Class 54 Rating, Add</i>	2,563.07	
			<i>For Class 55 Rating, Add</i>	3,818.17	
			<i>For Class 56 Rating, Add</i>	5,056.28	
40 05 19 00-2951	EA		20" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,684.45	832.09
			<i>For Class 52 Rating, Deduct</i>	-1,916.61	
			<i>For Class 54 Rating, Add</i>	2,628.69	
			<i>For Class 55 Rating, Add</i>	3,915.75	
			<i>For Class 56 Rating, Add</i>	5,185.38	
40 05 19 00-2952	EA		20" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,126.02	835.07
			<i>For Class 52 Rating, Deduct</i>	-1,964.68	
			<i>For Class 54 Rating, Add</i>	2,694.30	
			<i>For Class 55 Rating, Add</i>	4,013.32	
			<i>For Class 56 Rating, Add</i>	5,314.48	
40 05 19 00-2953	EA		20" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,567.61	838.05
			<i>For Class 52 Rating, Deduct</i>	-2,012.76	
			<i>For Class 54 Rating, Add</i>	2,759.91	
			<i>For Class 55 Rating, Add</i>	4,110.89	
			<i>For Class 56 Rating, Add</i>	5,443.57	
40 05 19 00-2954	EA		20" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,009.18	841.04
			<i>For Class 52 Rating, Deduct</i>	-2,060.84	
			<i>For Class 54 Rating, Add</i>	2,825.52	
			<i>For Class 55 Rating, Add</i>	4,208.46	
			<i>For Class 56 Rating, Add</i>	5,572.67	
40 05 19 00-2955	EA		20" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,450.77	844.02
			<i>For Class 52 Rating, Deduct</i>	-2,108.92	
			<i>For Class 54 Rating, Add</i>	2,891.14	
			<i>For Class 55 Rating, Add</i>	4,306.04	
			<i>For Class 56 Rating, Add</i>	5,701.77	
40 05 19 00-2956	EA		20" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,892.35	847.00
			<i>For Class 52 Rating, Deduct</i>	-2,156.99	
			<i>For Class 54 Rating, Add</i>	2,956.75	
			<i>For Class 55 Rating, Add</i>	4,403.61	
			<i>For Class 56 Rating, Add</i>	5,830.86	
40 05 19 00-2957			24" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2958	EA		24" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,659.43	870.85
			<i>For Class 52 Rating, Deduct</i>	-477.39	
			<i>For Class 54 Rating, Add</i>	666.83	
			<i>For Class 55 Rating, Add</i>	999.48	
			<i>For Class 56 Rating, Add</i>	1,327.79	
40 05 19 00-2959	EA		24" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,205.81	873.84
			<i>For Class 52 Rating, Deduct</i>	-537.00	
			<i>For Class 54 Rating, Add</i>	748.16	
			<i>For Class 55 Rating, Add</i>	1,120.42	
			<i>For Class 56 Rating, Add</i>	1,487.80	
40 05 19 00-2960	EA		24" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,752.18	876.82
			<i>For Class 52 Rating, Deduct</i>	-596.60	
			<i>For Class 54 Rating, Add</i>	829.49	
			<i>For Class 55 Rating, Add</i>	1,241.36	
			<i>For Class 56 Rating, Add</i>	1,647.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2961 EA 24" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,298.55	879.80
<i>For Class 52 Rating, Deduct</i>	-656.21	
<i>For Class 54 Rating, Add</i>	910.82	
<i>For Class 55 Rating, Add</i>	1,362.30	
<i>For Class 56 Rating, Add</i>	1,807.82	
40 05 19 00-2962 EA 24" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	7,844.93	882.78
<i>For Class 52 Rating, Deduct</i>	-715.81	
<i>For Class 54 Rating, Add</i>	992.16	
<i>For Class 55 Rating, Add</i>	1,483.24	
<i>For Class 56 Rating, Add</i>	1,967.83	
40 05 19 00-2963 EA 24" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,391.30	885.77
<i>For Class 52 Rating, Deduct</i>	-775.42	
<i>For Class 54 Rating, Add</i>	1,073.49	
<i>For Class 55 Rating, Add</i>	1,604.19	
<i>For Class 56 Rating, Add</i>	2,127.84	
40 05 19 00-2964 EA 24" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	8,937.68	888.75
<i>For Class 52 Rating, Deduct</i>	-835.02	
<i>For Class 54 Rating, Add</i>	1,154.82	
<i>For Class 55 Rating, Add</i>	1,725.13	
<i>For Class 56 Rating, Add</i>	2,287.85	
40 05 19 00-2965 EA 24" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	9,484.05	891.73
<i>For Class 52 Rating, Deduct</i>	-894.62	
<i>For Class 54 Rating, Add</i>	1,236.15	
<i>For Class 55 Rating, Add</i>	1,846.07	
<i>For Class 56 Rating, Add</i>	2,447.86	
40 05 19 00-2966 EA 24" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,030.42	894.72
<i>For Class 52 Rating, Deduct</i>	-954.23	
<i>For Class 54 Rating, Add</i>	1,317.49	
<i>For Class 55 Rating, Add</i>	1,967.01	
<i>For Class 56 Rating, Add</i>	2,607.87	
40 05 19 00-2967 EA 24" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	10,576.80	897.70
<i>For Class 52 Rating, Deduct</i>	-1,013.83	
<i>For Class 54 Rating, Add</i>	1,398.82	
<i>For Class 55 Rating, Add</i>	2,087.96	
<i>For Class 56 Rating, Add</i>	2,767.88	
40 05 19 00-2968 EA 24" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,123.16	900.68
<i>For Class 52 Rating, Deduct</i>	-1,073.44	
<i>For Class 54 Rating, Add</i>	1,480.15	
<i>For Class 55 Rating, Add</i>	2,208.90	
<i>For Class 56 Rating, Add</i>	2,927.89	
40 05 19 00-2969 EA 24" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	11,669.55	903.66
<i>For Class 52 Rating, Deduct</i>	-1,133.04	
<i>For Class 54 Rating, Add</i>	1,561.48	
<i>For Class 55 Rating, Add</i>	2,329.84	
<i>For Class 56 Rating, Add</i>	3,087.90	
40 05 19 00-2970 EA 24" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,215.91	906.65
<i>For Class 52 Rating, Deduct</i>	-1,192.64	
<i>For Class 54 Rating, Add</i>	1,642.82	
<i>For Class 55 Rating, Add</i>	2,450.78	
<i>For Class 56 Rating, Add</i>	3,247.91	
40 05 19 00-2971 EA 24" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	12,762.30	909.63
<i>For Class 52 Rating, Deduct</i>	-1,252.25	
<i>For Class 54 Rating, Add</i>	1,724.15	
<i>For Class 55 Rating, Add</i>	2,571.73	
<i>For Class 56 Rating, Add</i>	3,407.92	
40 05 19 00-2972 EA 24" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,308.66	912.61
<i>For Class 52 Rating, Deduct</i>	-1,311.85	
<i>For Class 54 Rating, Add</i>	1,805.48	
<i>For Class 55 Rating, Add</i>	2,692.67	
<i>For Class 56 Rating, Add</i>	3,567.93	
40 05 19 00-2973 EA 24" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,855.05	915.60
<i>For Class 52 Rating, Deduct</i>	-1,371.46	
<i>For Class 54 Rating, Add</i>	1,886.81	
<i>For Class 55 Rating, Add</i>	2,813.61	
<i>For Class 56 Rating, Add</i>	3,727.94	
40 05 19 00-2974 EA 24" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,401.41	918.58
<i>For Class 52 Rating, Deduct</i>	-1,431.06	
<i>For Class 54 Rating, Add</i>	1,968.15	
<i>For Class 55 Rating, Add</i>	2,934.55	
<i>For Class 56 Rating, Add</i>	3,887.94	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2975	EA		24" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,947.79	921.56
			<i>For Class 52 Rating, Deduct</i>	-1,490.66	
			<i>For Class 54 Rating, Add</i>	2,049.48	
			<i>For Class 55 Rating, Add</i>	3,055.49	
			<i>For Class 56 Rating, Add</i>	4,047.96	
40 05 19 00-2976	EA		24" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,494.16	924.54
			<i>For Class 52 Rating, Deduct</i>	-1,550.27	
			<i>For Class 54 Rating, Add</i>	2,130.81	
			<i>For Class 55 Rating, Add</i>	3,176.43	
			<i>For Class 56 Rating, Add</i>	4,207.96	
40 05 19 00-2977	EA		24" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,040.53	927.53
			<i>For Class 52 Rating, Deduct</i>	-1,609.87	
			<i>For Class 54 Rating, Add</i>	2,212.14	
			<i>For Class 55 Rating, Add</i>	3,297.38	
			<i>For Class 56 Rating, Add</i>	4,367.98	
40 05 19 00-2978	EA		24" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,586.91	930.51
			<i>For Class 52 Rating, Deduct</i>	-1,669.48	
			<i>For Class 54 Rating, Add</i>	2,293.48	
			<i>For Class 55 Rating, Add</i>	3,418.32	
			<i>For Class 56 Rating, Add</i>	4,527.98	
40 05 19 00-2979	EA		24" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,133.28	933.49
			<i>For Class 52 Rating, Deduct</i>	-1,729.08	
			<i>For Class 54 Rating, Add</i>	2,374.81	
			<i>For Class 55 Rating, Add</i>	3,539.26	
			<i>For Class 56 Rating, Add</i>	4,688.00	
40 05 19 00-2980	EA		24" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,679.66	936.47
			<i>For Class 52 Rating, Deduct</i>	-1,788.68	
			<i>For Class 54 Rating, Add</i>	2,456.14	
			<i>For Class 55 Rating, Add</i>	3,660.20	
			<i>For Class 56 Rating, Add</i>	4,848.00	
40 05 19 00-2981	EA		24" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,226.03	939.45
			<i>For Class 52 Rating, Deduct</i>	-1,848.29	
			<i>For Class 54 Rating, Add</i>	2,537.47	
			<i>For Class 55 Rating, Add</i>	3,781.15	
			<i>For Class 56 Rating, Add</i>	5,008.02	
40 05 19 00-2982	EA		24" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,772.40	942.43
			<i>For Class 52 Rating, Deduct</i>	-1,907.89	
			<i>For Class 54 Rating, Add</i>	2,618.81	
			<i>For Class 55 Rating, Add</i>	3,902.09	
			<i>For Class 56 Rating, Add</i>	5,168.02	
40 05 19 00-2983	EA		24" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,318.78	945.41
			<i>For Class 52 Rating, Deduct</i>	-1,967.50	
			<i>For Class 54 Rating, Add</i>	2,700.14	
			<i>For Class 55 Rating, Add</i>	4,023.03	
			<i>For Class 56 Rating, Add</i>	5,328.04	
40 05 19 00-2984	EA		24" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,865.15	948.40
			<i>For Class 52 Rating, Deduct</i>	-2,027.10	
			<i>For Class 54 Rating, Add</i>	2,781.47	
			<i>For Class 55 Rating, Add</i>	4,143.97	
			<i>For Class 56 Rating, Add</i>	5,488.04	
40 05 19 00-2985	EA		24" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,411.53	951.38
			<i>For Class 52 Rating, Deduct</i>	-2,086.70	
			<i>For Class 54 Rating, Add</i>	2,862.80	
			<i>For Class 55 Rating, Add</i>	4,264.91	
			<i>For Class 56 Rating, Add</i>	5,648.06	
40 05 19 00-2986	EA		24" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,957.90	954.36
			<i>For Class 52 Rating, Deduct</i>	-2,146.31	
			<i>For Class 54 Rating, Add</i>	2,944.14	
			<i>For Class 55 Rating, Add</i>	4,385.86	
			<i>For Class 56 Rating, Add</i>	5,808.06	
40 05 19 00-2987	EA		24" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,581.10	1,008.05
			<i>For Class 52 Rating, Deduct</i>	-2,205.91	
			<i>For Class 54 Rating, Add</i>	3,026.39	
			<i>For Class 55 Rating, Add</i>	4,508.64	
			<i>For Class 56 Rating, Add</i>	5,970.84	
40 05 19 00-2988	EA		24" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,127.46	1,011.03
			<i>For Class 52 Rating, Deduct</i>	-2,265.52	
			<i>For Class 54 Rating, Add</i>	3,107.72	
			<i>For Class 55 Rating, Add</i>	4,629.58	
			<i>For Class 56 Rating, Add</i>	6,130.85	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-2989 EA 24" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,673.84	1,014.01
<i>For Class 52 Rating, Deduct</i>	-2,325.12	
<i>For Class 54 Rating, Add</i>	3,189.06	
<i>For Class 55 Rating, Add</i>	4,750.53	
<i>For Class 56 Rating, Add</i>	6,290.86	
40 05 19 00-2990 EA 24" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,220.21	1,016.99
<i>For Class 52 Rating, Deduct</i>	-2,384.72	
<i>For Class 54 Rating, Add</i>	3,270.39	
<i>For Class 55 Rating, Add</i>	4,871.47	
<i>For Class 56 Rating, Add</i>	6,450.87	
40 05 19 00-2991 EA 24" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,766.59	1,019.97
<i>For Class 52 Rating, Deduct</i>	-2,444.33	
<i>For Class 54 Rating, Add</i>	3,351.72	
<i>For Class 55 Rating, Add</i>	4,992.41	
<i>For Class 56 Rating, Add</i>	6,610.88	
40 05 19 00-2992 EA 24" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,310.41	1,022.96
<i>For Class 52 Rating, Deduct</i>	-2,503.65	
<i>For Class 54 Rating, Add</i>	3,432.67	
<i>For Class 55 Rating, Add</i>	5,112.78	
<i>For Class 56 Rating, Add</i>	6,770.14	
40 05 19 00-2993 EA 24" Flanged x Grooved (FxG), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,859.33	1,025.94
<i>For Class 52 Rating, Deduct</i>	-2,563.54	
<i>For Class 54 Rating, Add</i>	3,514.39	
<i>For Class 55 Rating, Add</i>	5,234.30	
<i>For Class 56 Rating, Add</i>	6,930.90	
40 05 19 00-2994 EA 24" Flanged x Grooved (FxG), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	25,405.71	1,028.92
<i>For Class 52 Rating, Deduct</i>	-2,623.14	
<i>For Class 54 Rating, Add</i>	3,595.72	
<i>For Class 55 Rating, Add</i>	5,355.24	
<i>For Class 56 Rating, Add</i>	7,090.91	
40 05 19 00-2995 EA 24" Flanged x Grooved (FxG), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	25,952.08	1,031.90
<i>For Class 52 Rating, Deduct</i>	-2,682.74	
<i>For Class 54 Rating, Add</i>	3,677.05	
<i>For Class 55 Rating, Add</i>	5,476.18	
<i>For Class 56 Rating, Add</i>	7,250.92	
40 05 19 00-2996 30" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-2997 EA 30" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,696.26	1,228.75
<i>For Class 52 Rating, Deduct</i>	-751.80	
<i>For Class 54 Rating, Add</i>	1,047.52	
<i>For Class 55 Rating, Add</i>	1,568.78	
<i>For Class 56 Rating, Add</i>	2,083.21	
40 05 19 00-2998 EA 30" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,477.78	1,231.73
<i>For Class 52 Rating, Deduct</i>	-837.27	
<i>For Class 54 Rating, Add</i>	1,164.12	
<i>For Class 55 Rating, Add</i>	1,742.16	
<i>For Class 56 Rating, Add</i>	2,312.59	
40 05 19 00-2999 EA 30" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,259.30	1,234.71
<i>For Class 52 Rating, Deduct</i>	-922.74	
<i>For Class 54 Rating, Add</i>	1,280.73	
<i>For Class 55 Rating, Add</i>	1,915.54	
<i>For Class 56 Rating, Add</i>	2,541.96	
40 05 19 00-3000 EA 30" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,040.82	1,237.69
<i>For Class 52 Rating, Deduct</i>	-1,008.21	
<i>For Class 54 Rating, Add</i>	1,397.33	
<i>For Class 55 Rating, Add</i>	2,088.92	
<i>For Class 56 Rating, Add</i>	2,771.34	
40 05 19 00-3001 EA 30" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,822.34	1,240.67
<i>For Class 52 Rating, Deduct</i>	-1,093.68	
<i>For Class 54 Rating, Add</i>	1,513.94	
<i>For Class 55 Rating, Add</i>	2,262.30	
<i>For Class 56 Rating, Add</i>	3,000.72	
40 05 19 00-3002 EA 30" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,603.86	1,243.65
<i>For Class 52 Rating, Deduct</i>	-1,179.15	
<i>For Class 54 Rating, Add</i>	1,630.54	
<i>For Class 55 Rating, Add</i>	2,435.68	
<i>For Class 56 Rating, Add</i>	3,230.10	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**


MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3003	EA		30" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	13,385.37	1,246.63
			<i>For Class 52 Rating, Deduct</i>	-1,264.62	
			<i>For Class 54 Rating, Add</i>	1,747.15	
			<i>For Class 55 Rating, Add</i>	2,609.06	
			<i>For Class 56 Rating, Add</i>	3,459.47	
40 05 19 00-3004	EA		30" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,166.90	1,249.62
			<i>For Class 52 Rating, Deduct</i>	-1,350.09	
			<i>For Class 54 Rating, Add</i>	1,863.75	
			<i>For Class 55 Rating, Add</i>	2,782.44	
			<i>For Class 56 Rating, Add</i>	3,688.85	
40 05 19 00-3005	EA		30" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	14,948.41	1,252.60
			<i>For Class 52 Rating, Deduct</i>	-1,435.56	
			<i>For Class 54 Rating, Add</i>	1,980.35	
			<i>For Class 55 Rating, Add</i>	2,955.82	
			<i>For Class 56 Rating, Add</i>	3,918.23	
40 05 19 00-3006	EA		30" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	15,729.93	1,255.58
			<i>For Class 52 Rating, Deduct</i>	-1,521.03	
			<i>For Class 54 Rating, Add</i>	2,096.96	
			<i>For Class 55 Rating, Add</i>	3,129.20	
			<i>For Class 56 Rating, Add</i>	4,147.61	
40 05 19 00-3007	EA		30" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	16,511.45	1,258.57
			<i>For Class 52 Rating, Deduct</i>	-1,606.50	
			<i>For Class 54 Rating, Add</i>	2,213.56	
			<i>For Class 55 Rating, Add</i>	3,302.58	
			<i>For Class 56 Rating, Add</i>	4,376.99	
40 05 19 00-3008	EA		30" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	17,292.97	1,261.55
			<i>For Class 52 Rating, Deduct</i>	-1,691.97	
			<i>For Class 54 Rating, Add</i>	2,330.17	
			<i>For Class 55 Rating, Add</i>	3,475.96	
			<i>For Class 56 Rating, Add</i>	4,606.36	
40 05 19 00-3009	EA		30" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,074.49	1,264.53
			<i>For Class 52 Rating, Deduct</i>	-1,777.44	
			<i>For Class 54 Rating, Add</i>	2,446.77	
			<i>For Class 55 Rating, Add</i>	3,649.34	
			<i>For Class 56 Rating, Add</i>	4,835.74	
40 05 19 00-3010	EA		30" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	18,856.00	1,267.51
			<i>For Class 52 Rating, Deduct</i>	-1,862.91	
			<i>For Class 54 Rating, Add</i>	2,563.38	
			<i>For Class 55 Rating, Add</i>	3,822.71	
			<i>For Class 56 Rating, Add</i>	5,065.12	
40 05 19 00-3011	EA		30" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	19,637.53	1,270.50
			<i>For Class 52 Rating, Deduct</i>	-1,948.38	
			<i>For Class 54 Rating, Add</i>	2,679.98	
			<i>For Class 55 Rating, Add</i>	3,996.09	
			<i>For Class 56 Rating, Add</i>	5,294.50	
40 05 19 00-3012	EA		30" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	20,419.04	1,273.48
			<i>For Class 52 Rating, Deduct</i>	-2,033.85	
			<i>For Class 54 Rating, Add</i>	2,796.58	
			<i>For Class 55 Rating, Add</i>	4,169.47	
			<i>For Class 56 Rating, Add</i>	5,523.87	
40 05 19 00-3013	EA		30" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,200.56	1,276.46
			<i>For Class 52 Rating, Deduct</i>	-2,119.32	
			<i>For Class 54 Rating, Add</i>	2,913.19	
			<i>For Class 55 Rating, Add</i>	4,342.85	
			<i>For Class 56 Rating, Add</i>	5,753.25	
40 05 19 00-3014	EA		30" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	21,982.07	1,279.44
			<i>For Class 52 Rating, Deduct</i>	-2,204.79	
			<i>For Class 54 Rating, Add</i>	3,029.79	
			<i>For Class 55 Rating, Add</i>	4,516.23	
			<i>For Class 56 Rating, Add</i>	5,982.63	
40 05 19 00-3015	EA		30" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Coat, Ductile Iron Pipe	22,763.59	1,282.43
			<i>For Class 52 Rating, Deduct</i>	-2,290.26	
			<i>For Class 54 Rating, Add</i>	3,146.39	
			<i>For Class 55 Rating, Add</i>	4,689.61	
			<i>For Class 56 Rating, Add</i>	6,212.00	
40 05 19 00-3016	EA		30" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Coat, Ductile Iron Pipe	23,545.11	1,285.41
			<i>For Class 52 Rating, Deduct</i>	-2,375.73	
			<i>For Class 54 Rating, Add</i>	3,263.00	
			<i>For Class 55 Rating, Add</i>	4,862.99	
			<i>For Class 56 Rating, Add</i>	6,441.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3017 EA 30" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	24,326.62	1,288.39
<i>For Class 52 Rating, Deduct</i>	-2,461.20	
<i>For Class 54 Rating, Add</i>	3,379.60	
<i>For Class 55 Rating, Add</i>	5,036.37	
<i>For Class 56 Rating, Add</i>	6,670.76	
40 05 19 00-3018 EA 30" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	25,108.15	1,291.38
<i>For Class 52 Rating, Deduct</i>	-2,546.67	
<i>For Class 54 Rating, Add</i>	3,496.21	
<i>For Class 55 Rating, Add</i>	5,209.75	
<i>For Class 56 Rating, Add</i>	6,900.14	
40 05 19 00-3019 EA 30" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	25,889.66	1,294.36
<i>For Class 52 Rating, Deduct</i>	-2,632.14	
<i>For Class 54 Rating, Add</i>	3,612.81	
<i>For Class 55 Rating, Add</i>	5,383.13	
<i>For Class 56 Rating, Add</i>	7,129.51	
40 05 19 00-3020 EA 30" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	26,671.19	1,297.34
<i>For Class 52 Rating, Deduct</i>	-2,717.61	
<i>For Class 54 Rating, Add</i>	3,729.42	
<i>For Class 55 Rating, Add</i>	5,556.51	
<i>For Class 56 Rating, Add</i>	7,358.89	
40 05 19 00-3021 EA 30" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	27,452.70	1,300.32
<i>For Class 52 Rating, Deduct</i>	-2,803.08	
<i>For Class 54 Rating, Add</i>	3,846.02	
<i>For Class 55 Rating, Add</i>	5,729.89	
<i>For Class 56 Rating, Add</i>	7,588.27	
40 05 19 00-3022 EA 30" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	28,234.22	1,303.31
<i>For Class 52 Rating, Deduct</i>	-2,888.55	
<i>For Class 54 Rating, Add</i>	3,962.62	
<i>For Class 55 Rating, Add</i>	5,903.27	
<i>For Class 56 Rating, Add</i>	7,817.65	
40 05 19 00-3023 EA 30" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	29,015.74	1,306.29
<i>For Class 52 Rating, Deduct</i>	-2,974.02	
<i>For Class 54 Rating, Add</i>	4,079.23	
<i>For Class 55 Rating, Add</i>	6,076.65	
<i>For Class 56 Rating, Add</i>	8,047.03	
40 05 19 00-3024 EA 30" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	29,797.26	1,309.27
<i>For Class 52 Rating, Deduct</i>	-3,059.49	
<i>For Class 54 Rating, Add</i>	4,195.83	
<i>For Class 55 Rating, Add</i>	6,250.02	
<i>For Class 56 Rating, Add</i>	8,276.40	
40 05 19 00-3025 EA 30" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	30,578.78	1,312.25
<i>For Class 52 Rating, Deduct</i>	-3,144.96	
<i>For Class 54 Rating, Add</i>	4,312.44	
<i>For Class 55 Rating, Add</i>	6,423.40	
<i>For Class 56 Rating, Add</i>	8,505.78	
40 05 19 00-3026 EA 30" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	31,360.30	1,315.23
<i>For Class 52 Rating, Deduct</i>	-3,230.43	
<i>For Class 54 Rating, Add</i>	4,429.04	
<i>For Class 55 Rating, Add</i>	6,596.78	
<i>For Class 56 Rating, Add</i>	8,735.16	
40 05 19 00-3027 EA 30" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	32,141.82	1,318.21
<i>For Class 52 Rating, Deduct</i>	-3,315.90	
<i>For Class 54 Rating, Add</i>	4,545.65	
<i>For Class 55 Rating, Add</i>	6,770.16	
<i>For Class 56 Rating, Add</i>	8,964.54	
40 05 19 00-3028 EA 30" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	32,923.33	1,321.19
<i>For Class 52 Rating, Deduct</i>	-3,401.37	
<i>For Class 54 Rating, Add</i>	4,662.25	
<i>For Class 55 Rating, Add</i>	6,943.54	
<i>For Class 56 Rating, Add</i>	9,193.91	
40 05 19 00-3029 EA 30" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	33,704.85	1,324.18
<i>For Class 52 Rating, Deduct</i>	-3,486.84	
<i>For Class 54 Rating, Add</i>	4,778.85	
<i>For Class 55 Rating, Add</i>	7,116.92	
<i>For Class 56 Rating, Add</i>	9,423.29	
40 05 19 00-3030 EA 30" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	34,486.37	1,327.16
<i>For Class 52 Rating, Deduct</i>	-3,572.31	
<i>For Class 54 Rating, Add</i>	4,895.46	
<i>For Class 55 Rating, Add</i>	7,290.30	
<i>For Class 56 Rating, Add</i>	9,652.67	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3031	EA		30" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,267.89	1,330.14
			<i>For Class 52 Rating, Deduct</i>	-3,657.78	
			<i>For Class 54 Rating, Add</i>	5,012.06	
			<i>For Class 55 Rating, Add</i>	7,463.68	
			<i>For Class 56 Rating, Add</i>	9,882.05	
40 05 19 00-3032			36" Flanged End x Grooved End (FxG), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2600)</small>		
40 05 19 00-3033	EA		36" Flanged x Grooved (FxG), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,022.72	1,556.80
			<i>For Class 52 Rating, Deduct</i>	-1,063.03	
			<i>For Class 54 Rating, Add</i>	1,477.89	
			<i>For Class 55 Rating, Add</i>	2,211.67	
			<i>For Class 56 Rating, Add</i>	2,935.78	
40 05 19 00-3034	EA		36" Flanged x Grooved (FxG), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,070.07	1,559.79
			<i>For Class 52 Rating, Deduct</i>	-1,177.74	
			<i>For Class 54 Rating, Add</i>	1,634.37	
			<i>For Class 55 Rating, Add</i>	2,444.32	
			<i>For Class 56 Rating, Add</i>	3,243.57	
40 05 19 00-3035	EA		36" Flanged x Grooved (FxG), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,117.39	1,562.77
			<i>For Class 52 Rating, Deduct</i>	-1,292.45	
			<i>For Class 54 Rating, Add</i>	1,790.85	
			<i>For Class 55 Rating, Add</i>	2,676.98	
			<i>For Class 56 Rating, Add</i>	3,551.36	
40 05 19 00-3036	EA		36" Flanged x Grooved (FxG), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,164.74	1,565.75
			<i>For Class 52 Rating, Deduct</i>	-1,407.16	
			<i>For Class 54 Rating, Add</i>	1,947.33	
			<i>For Class 55 Rating, Add</i>	2,909.64	
			<i>For Class 56 Rating, Add</i>	3,859.16	
40 05 19 00-3037	EA		36" Flanged x Grooved (FxG), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,212.07	1,568.74
			<i>For Class 52 Rating, Deduct</i>	-1,521.87	
			<i>For Class 54 Rating, Add</i>	2,103.80	
			<i>For Class 55 Rating, Add</i>	3,142.29	
			<i>For Class 56 Rating, Add</i>	4,166.95	
40 05 19 00-3038	EA		36" Flanged x Grooved (FxG), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	17,259.40	1,571.72
			<i>For Class 52 Rating, Deduct</i>	-1,636.58	
			<i>For Class 54 Rating, Add</i>	2,260.28	
			<i>For Class 55 Rating, Add</i>	3,374.95	
			<i>For Class 56 Rating, Add</i>	4,474.74	
40 05 19 00-3039	EA		36" Flanged x Grooved (FxG), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,306.74	1,574.70
			<i>For Class 52 Rating, Deduct</i>	-1,751.29	
			<i>For Class 54 Rating, Add</i>	2,416.76	
			<i>For Class 55 Rating, Add</i>	3,607.61	
			<i>For Class 56 Rating, Add</i>	4,782.54	
40 05 19 00-3040	EA		36" Flanged x Grooved (FxG), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,354.07	1,577.68
			<i>For Class 52 Rating, Deduct</i>	-1,866.00	
			<i>For Class 54 Rating, Add</i>	2,573.23	
			<i>For Class 55 Rating, Add</i>	3,840.26	
			<i>For Class 56 Rating, Add</i>	5,090.33	
40 05 19 00-3041	EA		36" Flanged x Grooved (FxG), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,401.41	1,580.67
			<i>For Class 52 Rating, Deduct</i>	-1,980.71	
			<i>For Class 54 Rating, Add</i>	2,729.71	
			<i>For Class 55 Rating, Add</i>	4,072.92	
			<i>For Class 56 Rating, Add</i>	5,398.12	
40 05 19 00-3042	EA		36" Flanged x Grooved (FxG), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,448.74	1,583.65
			<i>For Class 52 Rating, Deduct</i>	-2,095.42	
			<i>For Class 54 Rating, Add</i>	2,886.18	
			<i>For Class 55 Rating, Add</i>	4,305.57	
			<i>For Class 56 Rating, Add</i>	5,705.92	
40 05 19 00-3043	EA		36" Flanged x Grooved (FxG), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,496.08	1,586.63
			<i>For Class 52 Rating, Deduct</i>	-2,210.13	
			<i>For Class 54 Rating, Add</i>	3,042.66	
			<i>For Class 55 Rating, Add</i>	4,538.23	
			<i>For Class 56 Rating, Add</i>	6,013.71	
40 05 19 00-3044	EA		36" Flanged x Grooved (FxG), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,543.40	1,589.61
			<i>For Class 52 Rating, Deduct</i>	-2,324.84	
			<i>For Class 54 Rating, Add</i>	3,199.14	
			<i>For Class 55 Rating, Add</i>	4,770.89	
			<i>For Class 56 Rating, Add</i>	6,321.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3045 EA 36" Flanged x Grooved (FxG), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	24,590.74	1,592.60
<i>For Class 52 Rating, Deduct</i>	-2,439.55	
<i>For Class 54 Rating, Add</i>	3,355.61	
<i>For Class 55 Rating, Add</i>	5,003.54	
<i>For Class 56 Rating, Add</i>	6,629.30	
40 05 19 00-3046 EA 36" Flanged x Grooved (FxG), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	25,638.07	1,595.58
<i>For Class 52 Rating, Deduct</i>	-2,554.26	
<i>For Class 54 Rating, Add</i>	3,512.09	
<i>For Class 55 Rating, Add</i>	5,236.20	
<i>For Class 56 Rating, Add</i>	6,937.09	
40 05 19 00-3047 EA 36" Flanged x Grooved (FxG), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	26,685.41	1,598.56
<i>For Class 52 Rating, Deduct</i>	-2,668.97	
<i>For Class 54 Rating, Add</i>	3,668.57	
<i>For Class 55 Rating, Add</i>	5,468.86	
<i>For Class 56 Rating, Add</i>	7,244.88	
40 05 19 00-3048 EA 36" Flanged x Grooved (FxG), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	27,732.74	1,601.55
<i>For Class 52 Rating, Deduct</i>	-2,783.68	
<i>For Class 54 Rating, Add</i>	3,825.04	
<i>For Class 55 Rating, Add</i>	5,701.51	
<i>For Class 56 Rating, Add</i>	7,552.67	
40 05 19 00-3049 EA 36" Flanged x Grooved (FxG), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	28,780.08	1,604.53
<i>For Class 52 Rating, Deduct</i>	-2,898.39	
<i>For Class 54 Rating, Add</i>	3,981.52	
<i>For Class 55 Rating, Add</i>	5,934.17	
<i>For Class 56 Rating, Add</i>	7,860.47	
40 05 19 00-3050 EA 36" Flanged x Grooved (FxG), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe	29,827.40	1,607.51
<i>For Class 52 Rating, Deduct</i>	-3,013.10	
<i>For Class 54 Rating, Add</i>	4,138.00	
<i>For Class 55 Rating, Add</i>	6,166.82	
<i>For Class 56 Rating, Add</i>	8,168.26	
40 05 19 00-3051 EA 36" Flanged x Grooved (FxG), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	30,874.75	1,610.49
<i>For Class 52 Rating, Deduct</i>	-3,127.81	
<i>For Class 54 Rating, Add</i>	4,294.47	
<i>For Class 55 Rating, Add</i>	6,399.48	
<i>For Class 56 Rating, Add</i>	8,476.05	
40 05 19 00-3052 EA 36" Flanged x Grooved (FxG), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	31,922.08	1,613.47
<i>For Class 52 Rating, Deduct</i>	-3,242.52	
<i>For Class 54 Rating, Add</i>	4,450.95	
<i>For Class 55 Rating, Add</i>	6,632.14	
<i>For Class 56 Rating, Add</i>	8,783.85	
40 05 19 00-3053 EA 36" Flanged x Grooved (FxG), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	32,969.42	1,616.45
<i>For Class 52 Rating, Deduct</i>	-3,357.23	
<i>For Class 54 Rating, Add</i>	4,607.43	
<i>For Class 55 Rating, Add</i>	6,864.79	
<i>For Class 56 Rating, Add</i>	9,091.64	
40 05 19 00-3054 EA 36" Flanged x Grooved (FxG), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,016.75	1,619.43
<i>For Class 52 Rating, Deduct</i>	-3,471.94	
<i>For Class 54 Rating, Add</i>	4,763.90	
<i>For Class 55 Rating, Add</i>	7,097.45	
<i>For Class 56 Rating, Add</i>	9,399.44	
40 05 19 00-3055 EA 36" Flanged x Grooved (FxG), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,064.08	1,622.42
<i>For Class 52 Rating, Deduct</i>	-3,586.65	
<i>For Class 54 Rating, Add</i>	4,920.38	
<i>For Class 55 Rating, Add</i>	7,330.11	
<i>For Class 56 Rating, Add</i>	9,707.23	
40 05 19 00-3056 EA 36" Flanged x Grooved (FxG), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	36,111.42	1,625.40
<i>For Class 52 Rating, Deduct</i>	-3,701.36	
<i>For Class 54 Rating, Add</i>	5,076.86	
<i>For Class 55 Rating, Add</i>	7,562.76	
<i>For Class 56 Rating, Add</i>	10,015.02	
40 05 19 00-3057 EA 36" Flanged x Grooved (FxG), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	37,158.74	1,628.38
<i>For Class 52 Rating, Deduct</i>	-3,816.07	
<i>For Class 54 Rating, Add</i>	5,233.33	
<i>For Class 55 Rating, Add</i>	7,795.42	
<i>For Class 56 Rating, Add</i>	10,322.81	
40 05 19 00-3058 EA 36" Flanged x Grooved (FxG), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	38,206.09	1,631.36
<i>For Class 52 Rating, Deduct</i>	-3,930.78	
<i>For Class 54 Rating, Add</i>	5,389.81	
<i>For Class 55 Rating, Add</i>	8,028.08	
<i>For Class 56 Rating, Add</i>	10,630.61	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3059	EA		36" Flanged x Grooved (FxG), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	39,253.41	1,634.35
			<i>For Class 52 Rating, Deduct</i>	-4,045.48	
			<i>For Class 54 Rating, Add</i>	5,546.28	
			<i>For Class 55 Rating, Add</i>	8,260.73	
			<i>For Class 56 Rating, Add</i>	10,938.40	
40 05 19 00-3060	EA		36" Flanged x Grooved (FxG), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	40,300.76	1,637.33
			<i>For Class 52 Rating, Deduct</i>	-4,160.19	
			<i>For Class 54 Rating, Add</i>	5,702.76	
			<i>For Class 55 Rating, Add</i>	8,493.39	
			<i>For Class 56 Rating, Add</i>	11,246.19	
40 05 19 00-3061	EA		36" Flanged x Grooved (FxG), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	41,348.08	1,640.31
			<i>For Class 52 Rating, Deduct</i>	-4,274.90	
			<i>For Class 54 Rating, Add</i>	5,859.24	
			<i>For Class 55 Rating, Add</i>	8,726.04	
			<i>For Class 56 Rating, Add</i>	11,553.99	
40 05 19 00-3062	EA		36" Flanged x Grooved (FxG), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	42,395.43	1,643.29
			<i>For Class 52 Rating, Deduct</i>	-4,389.61	
			<i>For Class 54 Rating, Add</i>	6,015.72	
			<i>For Class 55 Rating, Add</i>	8,958.70	
			<i>For Class 56 Rating, Add</i>	11,861.78	
40 05 19 00-3063	EA		36" Flanged x Grooved (FxG), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	43,442.75	1,646.28
			<i>For Class 52 Rating, Deduct</i>	-4,504.32	
			<i>For Class 54 Rating, Add</i>	6,172.19	
			<i>For Class 55 Rating, Add</i>	9,191.36	
			<i>For Class 56 Rating, Add</i>	12,169.57	
40 05 19 00-3064	EA		36" Flanged x Grooved (FxG), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	44,490.09	1,649.26
			<i>For Class 52 Rating, Deduct</i>	-4,619.03	
			<i>For Class 54 Rating, Add</i>	6,328.67	
			<i>For Class 55 Rating, Add</i>	9,424.01	
			<i>For Class 56 Rating, Add</i>	12,477.37	
40 05 19 00-3065	EA		36" Flanged x Grooved (FxG), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	45,537.42	1,652.24
			<i>For Class 52 Rating, Deduct</i>	-4,733.74	
			<i>For Class 54 Rating, Add</i>	6,485.14	
			<i>For Class 55 Rating, Add</i>	9,656.67	
			<i>For Class 56 Rating, Add</i>	12,785.16	
40 05 19 00-3066	EA		36" Flanged x Grooved (FxG), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	46,584.75	1,655.23
			<i>For Class 52 Rating, Deduct</i>	-4,848.45	
			<i>For Class 54 Rating, Add</i>	6,641.62	
			<i>For Class 55 Rating, Add</i>	9,889.33	
			<i>For Class 56 Rating, Add</i>	13,092.95	
40 05 19 00-3067	EA		36" Flanged x Grooved (FxG), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	47,632.10	1,658.21
			<i>For Class 52 Rating, Deduct</i>	-4,963.16	
			<i>For Class 54 Rating, Add</i>	6,798.10	
			<i>For Class 55 Rating, Add</i>	10,121.98	
			<i>For Class 56 Rating, Add</i>	13,400.75	
40 05 19 00-3068			Flanged End x Plain End (FxPE), Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-2059)</small>		
40 05 19 00-3069			4" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3070	EA		4" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	652.94	145.86
			<i>For Class 52 Rating, Deduct</i>	-47.51	
			<i>For Class 54 Rating, Add</i>	67.44	
			<i>For Class 55 Rating, Add</i>	101.63	
			<i>For Class 56 Rating, Add</i>	135.38	
40 05 19 00-3071	EA		4" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	753.93	148.41
			<i>For Class 52 Rating, Deduct</i>	-58.20	
			<i>For Class 54 Rating, Add</i>	82.06	
			<i>For Class 55 Rating, Add</i>	123.38	
			<i>For Class 56 Rating, Add</i>	164.17	
40 05 19 00-3072	EA		4" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	854.92	150.96
			<i>For Class 52 Rating, Deduct</i>	-68.88	
			<i>For Class 54 Rating, Add</i>	96.67	
			<i>For Class 55 Rating, Add</i>	145.13	
			<i>For Class 56 Rating, Add</i>	192.96	
40 05 19 00-3073	EA		4" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	955.91	153.50
			<i>For Class 52 Rating, Deduct</i>	-79.57	
			<i>For Class 54 Rating, Add</i>	111.29	
			<i>For Class 55 Rating, Add</i>	166.88	
			<i>For Class 56 Rating, Add</i>	221.76	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3074 EA 4" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,056.89	156.05
<i>For Class 52 Rating, Deduct</i>	-90.25	
<i>For Class 54 Rating, Add</i>	125.90	
<i>For Class 55 Rating, Add</i>	188.63	
<i>For Class 56 Rating, Add</i>	250.54	
40 05 19 00-3075 EA 4" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,157.88	158.61
<i>For Class 52 Rating, Deduct</i>	-100.93	
<i>For Class 54 Rating, Add</i>	140.52	
<i>For Class 55 Rating, Add</i>	210.39	
<i>For Class 56 Rating, Add</i>	279.34	
40 05 19 00-3076 EA 4" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,258.88	161.16
<i>For Class 52 Rating, Deduct</i>	-111.62	
<i>For Class 54 Rating, Add</i>	155.14	
<i>For Class 55 Rating, Add</i>	232.14	
<i>For Class 56 Rating, Add</i>	308.13	
40 05 19 00-3077 EA 4" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,359.87	163.71
<i>For Class 52 Rating, Deduct</i>	-122.30	
<i>For Class 54 Rating, Add</i>	169.75	
<i>For Class 55 Rating, Add</i>	253.89	
<i>For Class 56 Rating, Add</i>	336.92	
40 05 19 00-3078 EA 4" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,460.85	166.26
<i>For Class 52 Rating, Deduct</i>	-132.98	
<i>For Class 54 Rating, Add</i>	184.37	
<i>For Class 55 Rating, Add</i>	275.64	
<i>For Class 56 Rating, Add</i>	365.71	
40 05 19 00-3079 EA 4" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,561.84	168.81
<i>For Class 52 Rating, Deduct</i>	-143.67	
<i>For Class 54 Rating, Add</i>	198.98	
<i>For Class 55 Rating, Add</i>	297.39	
<i>For Class 56 Rating, Add</i>	394.50	
40 05 19 00-3080 EA 4" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,662.83	171.35
<i>For Class 52 Rating, Deduct</i>	-154.35	
<i>For Class 54 Rating, Add</i>	213.60	
<i>For Class 55 Rating, Add</i>	319.14	
<i>For Class 56 Rating, Add</i>	423.29	
40 05 19 00-3081 EA 4" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,763.81	173.90
<i>For Class 52 Rating, Deduct</i>	-165.04	
<i>For Class 54 Rating, Add</i>	228.21	
<i>For Class 55 Rating, Add</i>	340.90	
<i>For Class 56 Rating, Add</i>	452.08	
40 05 19 00-3082 EA 4" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,864.80	176.46
<i>For Class 52 Rating, Deduct</i>	-175.72	
<i>For Class 54 Rating, Add</i>	242.83	
<i>For Class 55 Rating, Add</i>	362.65	
<i>For Class 56 Rating, Add</i>	480.87	
40 05 19 00-3083 EA 4" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,965.79	179.01
<i>For Class 52 Rating, Deduct</i>	-186.40	
<i>For Class 54 Rating, Add</i>	257.44	
<i>For Class 55 Rating, Add</i>	384.40	
<i>For Class 56 Rating, Add</i>	509.66	
40 05 19 00-3084 EA 4" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,066.78	181.55
<i>For Class 52 Rating, Deduct</i>	-197.09	
<i>For Class 54 Rating, Add</i>	272.06	
<i>For Class 55 Rating, Add</i>	406.15	
<i>For Class 56 Rating, Add</i>	538.45	
40 05 19 00-3085 EA 4" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,167.77	184.10
<i>For Class 52 Rating, Deduct</i>	-207.77	
<i>For Class 54 Rating, Add</i>	286.67	
<i>For Class 55 Rating, Add</i>	427.90	
<i>For Class 56 Rating, Add</i>	567.24	
40 05 19 00-3086 EA 4" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,268.76	186.66
<i>For Class 52 Rating, Deduct</i>	-218.45	
<i>For Class 54 Rating, Add</i>	301.29	
<i>For Class 55 Rating, Add</i>	449.65	
<i>For Class 56 Rating, Add</i>	596.04	
40 05 19 00-3087 EA 4" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,369.74	189.20
<i>For Class 52 Rating, Deduct</i>	-229.14	
<i>For Class 54 Rating, Add</i>	315.90	
<i>For Class 55 Rating, Add</i>	471.40	
<i>For Class 56 Rating, Add</i>	624.83	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3088	EA		4" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	2,470.74	191.76
			<i>For Class 52 Rating, Deduct</i>	-239.82	
			<i>For Class 54 Rating, Add</i>	330.52	
			<i>For Class 55 Rating, Add</i>	493.16	
			<i>For Class 56 Rating, Add</i>	653.62	
40 05 19 00-3089	EA		4" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	2,571.72	194.31
			<i>For Class 52 Rating, Deduct</i>	-250.51	
			<i>For Class 54 Rating, Add</i>	345.13	
			<i>For Class 55 Rating, Add</i>	514.91	
			<i>For Class 56 Rating, Add</i>	682.41	
40 05 19 00-3090	EA		4" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	2,672.71	196.86
			<i>For Class 52 Rating, Deduct</i>	-261.19	
			<i>For Class 54 Rating, Add</i>	359.75	
			<i>For Class 55 Rating, Add</i>	536.66	
			<i>For Class 56 Rating, Add</i>	711.20	
40 05 19 00-3091	EA		4" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	2,773.69	199.40
			<i>For Class 52 Rating, Deduct</i>	-271.87	
			<i>For Class 54 Rating, Add</i>	374.36	
			<i>For Class 55 Rating, Add</i>	558.41	
			<i>For Class 56 Rating, Add</i>	739.99	
40 05 19 00-3092	EA		4" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	2,874.69	201.95
			<i>For Class 52 Rating, Deduct</i>	-282.56	
			<i>For Class 54 Rating, Add</i>	388.98	
			<i>For Class 55 Rating, Add</i>	580.16	
			<i>For Class 56 Rating, Add</i>	768.78	
40 05 19 00-3093	EA		4" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	2,975.67	204.51
			<i>For Class 52 Rating, Deduct</i>	-293.24	
			<i>For Class 54 Rating, Add</i>	403.59	
			<i>For Class 55 Rating, Add</i>	601.91	
			<i>For Class 56 Rating, Add</i>	797.57	
40 05 19 00-3094	EA		4" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,327.15	207.05
			<i>For Class 52 Rating, Deduct</i>	-331.48	
			<i>For Class 54 Rating, Add</i>	455.78	
			<i>For Class 55 Rating, Add</i>	679.52	
			<i>For Class 56 Rating, Add</i>	900.26	
40 05 19 00-3095	EA		4" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,428.13	209.60
			<i>For Class 52 Rating, Deduct</i>	-342.16	
			<i>For Class 54 Rating, Add</i>	470.39	
			<i>For Class 55 Rating, Add</i>	701.27	
			<i>For Class 56 Rating, Add</i>	929.05	
40 05 19 00-3096	EA		4" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,529.12	212.15
			<i>For Class 52 Rating, Deduct</i>	-352.84	
			<i>For Class 54 Rating, Add</i>	485.01	
			<i>For Class 55 Rating, Add</i>	723.03	
			<i>For Class 56 Rating, Add</i>	957.84	
40 05 19 00-3097	EA		4" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,630.11	214.71
			<i>For Class 52 Rating, Deduct</i>	-363.53	
			<i>For Class 54 Rating, Add</i>	499.62	
			<i>For Class 55 Rating, Add</i>	744.78	
			<i>For Class 56 Rating, Add</i>	986.63	
40 05 19 00-3098	EA		4" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,731.10	217.25
			<i>For Class 52 Rating, Deduct</i>	-374.21	
			<i>For Class 54 Rating, Add</i>	514.24	
			<i>For Class 55 Rating, Add</i>	766.53	
			<i>For Class 56 Rating, Add</i>	1,015.42	
40 05 19 00-3099	EA		4" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,832.08	219.81
			<i>For Class 52 Rating, Deduct</i>	-384.90	
			<i>For Class 54 Rating, Add</i>	528.85	
			<i>For Class 55 Rating, Add</i>	788.28	
			<i>For Class 56 Rating, Add</i>	1,044.21	
40 05 19 00-3100	EA		4" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,933.07	222.36
			<i>For Class 52 Rating, Deduct</i>	-395.58	
			<i>For Class 54 Rating, Add</i>	543.47	
			<i>For Class 55 Rating, Add</i>	810.03	
			<i>For Class 56 Rating, Add</i>	1,073.00	
40 05 19 00-3101	EA		4" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,034.06	224.91
			<i>For Class 52 Rating, Deduct</i>	-406.26	
			<i>For Class 54 Rating, Add</i>	558.08	
			<i>For Class 55 Rating, Add</i>	831.78	
			<i>For Class 56 Rating, Add</i>	1,101.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3102 EA 4" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,135.05	227.45
<i>For Class 52 Rating, Deduct</i>	-416.95	
<i>For Class 54 Rating, Add</i>	572.70	
<i>For Class 55 Rating, Add</i>	853.54	
<i>For Class 56 Rating, Add</i>	1,130.58	
40 05 19 00-3103 EA 4" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,236.04	230.00
<i>For Class 52 Rating, Deduct</i>	-427.63	
<i>For Class 54 Rating, Add</i>	587.31	
<i>For Class 55 Rating, Add</i>	875.29	
<i>For Class 56 Rating, Add</i>	1,159.37	
40 05 19 00-3104 EA 4" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,337.03	232.56
<i>For Class 52 Rating, Deduct</i>	-438.31	
<i>For Class 54 Rating, Add</i>	601.93	
<i>For Class 55 Rating, Add</i>	897.04	
<i>For Class 56 Rating, Add</i>	1,188.17	
40 05 19 00-3105 EA 4" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,438.02	235.10
<i>For Class 52 Rating, Deduct</i>	-449.00	
<i>For Class 54 Rating, Add</i>	616.54	
<i>For Class 55 Rating, Add</i>	918.79	
<i>For Class 56 Rating, Add</i>	1,216.95	
40 05 19 00-3106 EA 4" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,539.01	237.66
<i>For Class 52 Rating, Deduct</i>	-459.68	
<i>For Class 54 Rating, Add</i>	631.16	
<i>For Class 55 Rating, Add</i>	940.54	
<i>For Class 56 Rating, Add</i>	1,245.75	
40 05 19 00-3107 EA 4" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,639.99	240.20
<i>For Class 52 Rating, Deduct</i>	-470.37	
<i>For Class 54 Rating, Add</i>	645.77	
<i>For Class 55 Rating, Add</i>	962.29	
<i>For Class 56 Rating, Add</i>	1,274.54	
40 05 19 00-3108 EA 4" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,740.98	242.76
<i>For Class 52 Rating, Deduct</i>	-481.05	
<i>For Class 54 Rating, Add</i>	660.39	
<i>For Class 55 Rating, Add</i>	984.05	
<i>For Class 56 Rating, Add</i>	1,303.33	
40 05 19 00-3109 6" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3110 EA 6" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	802.14	183.60
<i>For Class 52 Rating, Deduct</i>	-57.64	
<i>For Class 54 Rating, Add</i>	81.93	
<i>For Class 55 Rating, Add</i>	123.52	
<i>For Class 56 Rating, Add</i>	164.58	
40 05 19 00-3111 EA 6" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	918.46	186.15
<i>For Class 52 Rating, Deduct</i>	-70.01	
<i>For Class 54 Rating, Add</i>	98.85	
<i>For Class 55 Rating, Add</i>	148.69	
<i>For Class 56 Rating, Add</i>	197.90	
40 05 19 00-3112 EA 6" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,034.78	188.70
<i>For Class 52 Rating, Deduct</i>	-82.38	
<i>For Class 54 Rating, Add</i>	115.76	
<i>For Class 55 Rating, Add</i>	173.86	
<i>For Class 56 Rating, Add</i>	231.21	
40 05 19 00-3113 EA 6" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,151.10	191.25
<i>For Class 52 Rating, Deduct</i>	-94.75	
<i>For Class 54 Rating, Add</i>	132.68	
<i>For Class 55 Rating, Add</i>	199.03	
<i>For Class 56 Rating, Add</i>	264.53	
40 05 19 00-3114 EA 6" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,267.44	193.79
<i>For Class 52 Rating, Deduct</i>	-107.12	
<i>For Class 54 Rating, Add</i>	149.60	
<i>For Class 55 Rating, Add</i>	224.21	
<i>For Class 56 Rating, Add</i>	297.84	
40 05 19 00-3115 EA 6" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,383.77	196.34
<i>For Class 52 Rating, Deduct</i>	-119.49	
<i>For Class 54 Rating, Add</i>	166.51	
<i>For Class 55 Rating, Add</i>	249.38	
<i>For Class 56 Rating, Add</i>	331.16	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05	19 00-3116	EA	6" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,500.09	198.89
			<i>For Class 52 Rating, Deduct</i>	-131.86	
			<i>For Class 54 Rating, Add</i>	183.43	
			<i>For Class 55 Rating, Add</i>	274.55	
			<i>For Class 56 Rating, Add</i>	364.47	
40 05	19 00-3117	EA	6" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,616.41	201.45
			<i>For Class 52 Rating, Deduct</i>	-144.23	
			<i>For Class 54 Rating, Add</i>	200.34	
			<i>For Class 55 Rating, Add</i>	299.72	
			<i>For Class 56 Rating, Add</i>	397.79	
40 05	19 00-3118	EA	6" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,732.74	204.00
			<i>For Class 52 Rating, Deduct</i>	-156.60	
			<i>For Class 54 Rating, Add</i>	217.26	
			<i>For Class 55 Rating, Add</i>	324.89	
			<i>For Class 56 Rating, Add</i>	431.10	
40 05	19 00-3119	EA	6" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,849.06	206.55
			<i>For Class 52 Rating, Deduct</i>	-168.97	
			<i>For Class 54 Rating, Add</i>	234.17	
			<i>For Class 55 Rating, Add</i>	350.06	
			<i>For Class 56 Rating, Add</i>	464.42	
40 05	19 00-3120	EA	6" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,965.38	209.09
			<i>For Class 52 Rating, Deduct</i>	-181.34	
			<i>For Class 54 Rating, Add</i>	251.09	
			<i>For Class 55 Rating, Add</i>	375.23	
			<i>For Class 56 Rating, Add</i>	497.73	
40 05	19 00-3121	EA	6" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,081.70	211.65
			<i>For Class 52 Rating, Deduct</i>	-193.71	
			<i>For Class 54 Rating, Add</i>	268.00	
			<i>For Class 55 Rating, Add</i>	400.41	
			<i>For Class 56 Rating, Add</i>	531.05	
40 05	19 00-3122	EA	6" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,198.02	214.19
			<i>For Class 52 Rating, Deduct</i>	-206.08	
			<i>For Class 54 Rating, Add</i>	284.92	
			<i>For Class 55 Rating, Add</i>	425.58	
			<i>For Class 56 Rating, Add</i>	564.36	
40 05	19 00-3123	EA	6" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,314.35	216.74
			<i>For Class 52 Rating, Deduct</i>	-218.45	
			<i>For Class 54 Rating, Add</i>	301.83	
			<i>For Class 55 Rating, Add</i>	450.75	
			<i>For Class 56 Rating, Add</i>	597.68	
40 05	19 00-3124	EA	6" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,430.68	219.30
			<i>For Class 52 Rating, Deduct</i>	-230.83	
			<i>For Class 54 Rating, Add</i>	318.75	
			<i>For Class 55 Rating, Add</i>	475.92	
			<i>For Class 56 Rating, Add</i>	630.99	
40 05	19 00-3125	EA	6" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,547.00	221.84
			<i>For Class 52 Rating, Deduct</i>	-243.20	
			<i>For Class 54 Rating, Add</i>	335.66	
			<i>For Class 55 Rating, Add</i>	501.09	
			<i>For Class 56 Rating, Add</i>	664.31	
40 05	19 00-3126	EA	6" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,663.32	224.39
			<i>For Class 52 Rating, Deduct</i>	-255.57	
			<i>For Class 54 Rating, Add</i>	352.58	
			<i>For Class 55 Rating, Add</i>	526.26	
			<i>For Class 56 Rating, Add</i>	697.62	
40 05	19 00-3127	EA	6" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,779.65	226.94
			<i>For Class 52 Rating, Deduct</i>	-267.94	
			<i>For Class 54 Rating, Add</i>	369.49	
			<i>For Class 55 Rating, Add</i>	551.43	
			<i>For Class 56 Rating, Add</i>	730.94	
40 05	19 00-3128	EA	6" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,895.97	229.50
			<i>For Class 52 Rating, Deduct</i>	-280.31	
			<i>For Class 54 Rating, Add</i>	386.41	
			<i>For Class 55 Rating, Add</i>	576.61	
			<i>For Class 56 Rating, Add</i>	764.25	
40 05	19 00-3129	EA	6" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,012.29	232.05
			<i>For Class 52 Rating, Deduct</i>	-292.68	
			<i>For Class 54 Rating, Add</i>	403.33	
			<i>For Class 55 Rating, Add</i>	601.78	
			<i>For Class 56 Rating, Add</i>	797.57	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3130 EA 6" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,128.61	234.60
<i>For Class 52 Rating, Deduct</i>	-305.05	
<i>For Class 54 Rating, Add</i>	420.24	
<i>For Class 55 Rating, Add</i>	626.95	
<i>For Class 56 Rating, Add</i>	830.88	
40 05 19 00-3131 EA 6" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,244.94	237.14
<i>For Class 52 Rating, Deduct</i>	-317.42	
<i>For Class 54 Rating, Add</i>	437.16	
<i>For Class 55 Rating, Add</i>	652.12	
<i>For Class 56 Rating, Add</i>	864.20	
40 05 19 00-3132 EA 6" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,361.26	239.70
<i>For Class 52 Rating, Deduct</i>	-329.79	
<i>For Class 54 Rating, Add</i>	454.07	
<i>For Class 55 Rating, Add</i>	677.29	
<i>For Class 56 Rating, Add</i>	897.51	
40 05 19 00-3133 EA 6" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,477.59	242.24
<i>For Class 52 Rating, Deduct</i>	-342.16	
<i>For Class 54 Rating, Add</i>	470.99	
<i>For Class 55 Rating, Add</i>	702.46	
<i>For Class 56 Rating, Add</i>	930.83	
40 05 19 00-3134 EA 6" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,593.92	244.79
<i>For Class 52 Rating, Deduct</i>	-354.53	
<i>For Class 54 Rating, Add</i>	487.90	
<i>For Class 55 Rating, Add</i>	727.64	
<i>For Class 56 Rating, Add</i>	964.14	
40 05 19 00-3135 EA 6" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,710.25	247.35
<i>For Class 52 Rating, Deduct</i>	-366.90	
<i>For Class 54 Rating, Add</i>	504.82	
<i>For Class 55 Rating, Add</i>	752.81	
<i>For Class 56 Rating, Add</i>	997.46	
40 05 19 00-3136 EA 6" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,826.57	249.89
<i>For Class 52 Rating, Deduct</i>	-379.27	
<i>For Class 54 Rating, Add</i>	521.73	
<i>For Class 55 Rating, Add</i>	777.98	
<i>For Class 56 Rating, Add</i>	1,030.77	
40 05 19 00-3137 EA 6" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,942.89	252.44
<i>For Class 52 Rating, Deduct</i>	-391.64	
<i>For Class 54 Rating, Add</i>	538.65	
<i>For Class 55 Rating, Add</i>	803.15	
<i>For Class 56 Rating, Add</i>	1,064.09	
40 05 19 00-3138 EA 6" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,059.21	254.99
<i>For Class 52 Rating, Deduct</i>	-404.01	
<i>For Class 54 Rating, Add</i>	555.57	
<i>For Class 55 Rating, Add</i>	828.32	
<i>For Class 56 Rating, Add</i>	1,097.40	
40 05 19 00-3139 EA 6" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,175.54	257.55
<i>For Class 52 Rating, Deduct</i>	-416.39	
<i>For Class 54 Rating, Add</i>	572.48	
<i>For Class 55 Rating, Add</i>	853.49	
<i>For Class 56 Rating, Add</i>	1,130.72	
40 05 19 00-3140 EA 6" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,291.86	260.09
<i>For Class 52 Rating, Deduct</i>	-428.76	
<i>For Class 54 Rating, Add</i>	589.40	
<i>For Class 55 Rating, Add</i>	878.66	
<i>For Class 56 Rating, Add</i>	1,164.03	
40 05 19 00-3141 EA 6" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,408.18	262.65
<i>For Class 52 Rating, Deduct</i>	-441.13	
<i>For Class 54 Rating, Add</i>	606.31	
<i>For Class 55 Rating, Add</i>	903.83	
<i>For Class 56 Rating, Add</i>	1,197.35	
40 05 19 00-3142 EA 6" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,524.51	265.19
<i>For Class 52 Rating, Deduct</i>	-453.50	
<i>For Class 54 Rating, Add</i>	623.23	
<i>For Class 55 Rating, Add</i>	929.01	
<i>For Class 56 Rating, Add</i>	1,230.66	
40 05 19 00-3143 EA 6" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,640.84	267.75
<i>For Class 52 Rating, Deduct</i>	-465.87	
<i>For Class 54 Rating, Add</i>	640.14	
<i>For Class 55 Rating, Add</i>	954.18	
<i>For Class 56 Rating, Add</i>	1,263.98	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3144	EA		6" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,757.16	270.29
			<i>For Class 52 Rating, Deduct</i>	-478.24	
			<i>For Class 54 Rating, Add</i>	657.06	
			<i>For Class 55 Rating, Add</i>	979.35	
			<i>For Class 56 Rating, Add</i>	1,297.29	
40 05 19 00-3145	EA		6" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,873.48	272.84
			<i>For Class 52 Rating, Deduct</i>	-490.61	
			<i>For Class 54 Rating, Add</i>	673.97	
			<i>For Class 55 Rating, Add</i>	1,004.52	
			<i>For Class 56 Rating, Add</i>	1,330.61	
40 05 19 00-3146	EA		6" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,989.80	275.40
			<i>For Class 52 Rating, Deduct</i>	-502.98	
			<i>For Class 54 Rating, Add</i>	690.89	
			<i>For Class 55 Rating, Add</i>	1,029.69	
			<i>For Class 56 Rating, Add</i>	1,363.92	
40 05 19 00-3147	EA		6" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,106.13	277.93
			<i>For Class 52 Rating, Deduct</i>	-515.35	
			<i>For Class 54 Rating, Add</i>	707.80	
			<i>For Class 55 Rating, Add</i>	1,054.86	
			<i>For Class 56 Rating, Add</i>	1,397.24	
40 05 19 00-3148	EA		6" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,222.45	280.49
			<i>For Class 52 Rating, Deduct</i>	-527.72	
			<i>For Class 54 Rating, Add</i>	724.72	
			<i>For Class 55 Rating, Add</i>	1,080.03	
			<i>For Class 56 Rating, Add</i>	1,430.55	
40 05 19 00-3149 8" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>					
40 05 19 00-3150	EA		8" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,094.10	234.60
			<i>For Class 52 Rating, Deduct</i>	-81.25	
			<i>For Class 54 Rating, Add</i>	115.06	
			<i>For Class 55 Rating, Add</i>	173.25	
			<i>For Class 56 Rating, Add</i>	230.70	
40 05 19 00-3151	EA		8" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,243.66	237.14
			<i>For Class 52 Rating, Deduct</i>	-97.28	
			<i>For Class 54 Rating, Add</i>	136.96	
			<i>For Class 55 Rating, Add</i>	205.83	
			<i>For Class 56 Rating, Add</i>	273.82	
40 05 19 00-3152	EA		8" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,393.21	239.70
			<i>For Class 52 Rating, Deduct</i>	-113.30	
			<i>For Class 54 Rating, Add</i>	158.86	
			<i>For Class 55 Rating, Add</i>	238.42	
			<i>For Class 56 Rating, Add</i>	316.94	
40 05 19 00-3153	EA		8" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,542.76	242.24
			<i>For Class 52 Rating, Deduct</i>	-129.33	
			<i>For Class 54 Rating, Add</i>	180.76	
			<i>For Class 55 Rating, Add</i>	270.99	
			<i>For Class 56 Rating, Add</i>	360.05	
40 05 19 00-3154	EA		8" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,692.31	244.79
			<i>For Class 52 Rating, Deduct</i>	-145.36	
			<i>For Class 54 Rating, Add</i>	202.66	
			<i>For Class 55 Rating, Add</i>	303.58	
			<i>For Class 56 Rating, Add</i>	403.17	
40 05 19 00-3155	EA		8" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,841.87	247.35
			<i>For Class 52 Rating, Deduct</i>	-161.38	
			<i>For Class 54 Rating, Add</i>	224.56	
			<i>For Class 55 Rating, Add</i>	336.16	
			<i>For Class 56 Rating, Add</i>	446.29	
40 05 19 00-3156	EA		8" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,991.42	249.89
			<i>For Class 52 Rating, Deduct</i>	-177.41	
			<i>For Class 54 Rating, Add</i>	246.46	
			<i>For Class 55 Rating, Add</i>	368.74	
			<i>For Class 56 Rating, Add</i>	489.40	
40 05 19 00-3157	EA		8" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,140.96	252.44
			<i>For Class 52 Rating, Deduct</i>	-193.43	
			<i>For Class 54 Rating, Add</i>	268.36	
			<i>For Class 55 Rating, Add</i>	401.32	
			<i>For Class 56 Rating, Add</i>	532.52	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3158 EA 8" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,290.51	254.99
<i>For Class 52 Rating, Deduct</i>	-209.46	
<i>For Class 54 Rating, Add</i>	290.26	
<i>For Class 55 Rating, Add</i>	433.90	
<i>For Class 56 Rating, Add</i>	575.64	
40 05 19 00-3159 EA 8" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,440.07	257.55
<i>For Class 52 Rating, Deduct</i>	-225.48	
<i>For Class 54 Rating, Add</i>	312.16	
<i>For Class 55 Rating, Add</i>	466.48	
<i>For Class 56 Rating, Add</i>	618.75	
40 05 19 00-3160 EA 8" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,589.62	260.09
<i>For Class 52 Rating, Deduct</i>	-241.51	
<i>For Class 54 Rating, Add</i>	334.06	
<i>For Class 55 Rating, Add</i>	499.06	
<i>For Class 56 Rating, Add</i>	661.87	
40 05 19 00-3161 EA 8" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,739.16	262.65
<i>For Class 52 Rating, Deduct</i>	-257.53	
<i>For Class 54 Rating, Add</i>	355.96	
<i>For Class 55 Rating, Add</i>	531.64	
<i>For Class 56 Rating, Add</i>	704.99	
40 05 19 00-3162 EA 8" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,888.72	265.19
<i>For Class 52 Rating, Deduct</i>	-273.56	
<i>For Class 54 Rating, Add</i>	377.86	
<i>For Class 55 Rating, Add</i>	564.22	
<i>For Class 56 Rating, Add</i>	748.10	
40 05 19 00-3163 EA 8" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,038.28	267.75
<i>For Class 52 Rating, Deduct</i>	-289.59	
<i>For Class 54 Rating, Add</i>	399.76	
<i>For Class 55 Rating, Add</i>	596.81	
<i>For Class 56 Rating, Add</i>	791.22	
40 05 19 00-3164 EA 8" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,187.82	270.29
<i>For Class 52 Rating, Deduct</i>	-305.61	
<i>For Class 54 Rating, Add</i>	421.66	
<i>For Class 55 Rating, Add</i>	629.39	
<i>For Class 56 Rating, Add</i>	834.34	
40 05 19 00-3165 EA 8" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,337.37	272.84
<i>For Class 52 Rating, Deduct</i>	-321.64	
<i>For Class 54 Rating, Add</i>	443.56	
<i>For Class 55 Rating, Add</i>	661.97	
<i>For Class 56 Rating, Add</i>	877.45	
40 05 19 00-3166 EA 8" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,486.92	275.40
<i>For Class 52 Rating, Deduct</i>	-337.66	
<i>For Class 54 Rating, Add</i>	465.46	
<i>For Class 55 Rating, Add</i>	694.55	
<i>For Class 56 Rating, Add</i>	920.57	
40 05 19 00-3167 EA 8" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,636.48	277.93
<i>For Class 52 Rating, Deduct</i>	-353.69	
<i>For Class 54 Rating, Add</i>	487.36	
<i>For Class 55 Rating, Add</i>	727.13	
<i>For Class 56 Rating, Add</i>	963.69	
40 05 19 00-3168 EA 8" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,786.02	280.49
<i>For Class 52 Rating, Deduct</i>	-369.71	
<i>For Class 54 Rating, Add</i>	509.25	
<i>For Class 55 Rating, Add</i>	759.71	
<i>For Class 56 Rating, Add</i>	1,006.80	
40 05 19 00-3169 EA 8" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,935.57	283.04
<i>For Class 52 Rating, Deduct</i>	-385.74	
<i>For Class 54 Rating, Add</i>	531.15	
<i>For Class 55 Rating, Add</i>	792.29	
<i>For Class 56 Rating, Add</i>	1,049.92	
40 05 19 00-3170 EA 8" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,085.12	285.60
<i>For Class 52 Rating, Deduct</i>	-401.77	
<i>For Class 54 Rating, Add</i>	553.05	
<i>For Class 55 Rating, Add</i>	824.87	
<i>For Class 56 Rating, Add</i>	1,093.04	
40 05 19 00-3171 EA 8" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,234.69	288.14
<i>For Class 52 Rating, Deduct</i>	-417.79	
<i>For Class 54 Rating, Add</i>	574.95	
<i>For Class 55 Rating, Add</i>	857.45	
<i>For Class 56 Rating, Add</i>	1,136.16	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3172	EA		8" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,384.23	290.70
			<i>For Class 52 Rating, Deduct</i>	-433.82	
			<i>For Class 54 Rating, Add</i>	596.85	
			<i>For Class 55 Rating, Add</i>	890.03	
			<i>For Class 56 Rating, Add</i>	1,179.27	
40 05 19 00-3173	EA		8" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,533.78	293.24
			<i>For Class 52 Rating, Deduct</i>	-449.84	
			<i>For Class 54 Rating, Add</i>	618.75	
			<i>For Class 55 Rating, Add</i>	922.62	
			<i>For Class 56 Rating, Add</i>	1,222.39	
40 05 19 00-3174	EA		8" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,683.33	295.80
			<i>For Class 52 Rating, Deduct</i>	-465.87	
			<i>For Class 54 Rating, Add</i>	640.65	
			<i>For Class 55 Rating, Add</i>	955.20	
			<i>For Class 56 Rating, Add</i>	1,265.51	
40 05 19 00-3175	EA		8" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,832.89	298.34
			<i>For Class 52 Rating, Deduct</i>	-481.89	
			<i>For Class 54 Rating, Add</i>	662.55	
			<i>For Class 55 Rating, Add</i>	987.78	
			<i>For Class 56 Rating, Add</i>	1,308.62	
40 05 19 00-3176	EA		8" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,982.43	300.89
			<i>For Class 52 Rating, Deduct</i>	-497.92	
			<i>For Class 54 Rating, Add</i>	684.45	
			<i>For Class 55 Rating, Add</i>	1,020.36	
			<i>For Class 56 Rating, Add</i>	1,351.74	
40 05 19 00-3177	EA		8" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,131.98	303.45
			<i>For Class 52 Rating, Deduct</i>	-513.94	
			<i>For Class 54 Rating, Add</i>	706.35	
			<i>For Class 55 Rating, Add</i>	1,052.94	
			<i>For Class 56 Rating, Add</i>	1,394.86	
40 05 19 00-3178	EA		8" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,281.53	305.99
			<i>For Class 52 Rating, Deduct</i>	-529.97	
			<i>For Class 54 Rating, Add</i>	728.25	
			<i>For Class 55 Rating, Add</i>	1,085.52	
			<i>For Class 56 Rating, Add</i>	1,437.97	
40 05 19 00-3179	EA		8" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,431.09	308.54
			<i>For Class 52 Rating, Deduct</i>	-546.00	
			<i>For Class 54 Rating, Add</i>	750.15	
			<i>For Class 55 Rating, Add</i>	1,118.10	
			<i>For Class 56 Rating, Add</i>	1,481.09	
40 05 19 00-3180	EA		8" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,580.64	311.09
			<i>For Class 52 Rating, Deduct</i>	-562.02	
			<i>For Class 54 Rating, Add</i>	772.05	
			<i>For Class 55 Rating, Add</i>	1,150.68	
			<i>For Class 56 Rating, Add</i>	1,524.21	
40 05 19 00-3181	EA		8" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,730.19	313.65
			<i>For Class 52 Rating, Deduct</i>	-578.05	
			<i>For Class 54 Rating, Add</i>	793.95	
			<i>For Class 55 Rating, Add</i>	1,183.26	
			<i>For Class 56 Rating, Add</i>	1,567.32	
40 05 19 00-3182	EA		8" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,879.74	316.19
			<i>For Class 52 Rating, Deduct</i>	-594.07	
			<i>For Class 54 Rating, Add</i>	815.85	
			<i>For Class 55 Rating, Add</i>	1,215.85	
			<i>For Class 56 Rating, Add</i>	1,610.44	
40 05 19 00-3183	EA		8" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,029.29	318.75
			<i>For Class 52 Rating, Deduct</i>	-610.10	
			<i>For Class 54 Rating, Add</i>	837.75	
			<i>For Class 55 Rating, Add</i>	1,248.43	
			<i>For Class 56 Rating, Add</i>	1,653.56	
40 05 19 00-3184	EA		8" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,178.84	321.29
			<i>For Class 52 Rating, Deduct</i>	-626.12	
			<i>For Class 54 Rating, Add</i>	859.65	
			<i>For Class 55 Rating, Add</i>	1,281.01	
			<i>For Class 56 Rating, Add</i>	1,696.67	
40 05 19 00-3185	EA		8" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,328.39	323.84
			<i>For Class 52 Rating, Deduct</i>	-642.15	
			<i>For Class 54 Rating, Add</i>	881.55	
			<i>For Class 55 Rating, Add</i>	1,313.59	
			<i>For Class 56 Rating, Add</i>	1,739.79	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3186 EA 8" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,477.94	326.39
<i>For Class 52 Rating, Deduct</i>	-658.18	
<i>For Class 54 Rating, Add</i>	903.45	
<i>For Class 55 Rating, Add</i>	1,346.17	
<i>For Class 56 Rating, Add</i>	1,782.91	
40 05 19 00-3187 EA 8" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,627.49	328.94
<i>For Class 52 Rating, Deduct</i>	-674.20	
<i>For Class 54 Rating, Add</i>	925.35	
<i>For Class 55 Rating, Add</i>	1,378.75	
<i>For Class 56 Rating, Add</i>	1,826.03	
40 05 19 00-3188 EA 8" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,777.04	331.50
<i>For Class 52 Rating, Deduct</i>	-690.23	
<i>For Class 54 Rating, Add</i>	947.24	
<i>For Class 55 Rating, Add</i>	1,411.33	
<i>For Class 56 Rating, Add</i>	1,869.14	
40 05 19 00-3189 10" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3190 EA 10" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,380.96	285.60
<i>For Class 52 Rating, Deduct</i>	-104.31	
<i>For Class 54 Rating, Add</i>	147.43	
<i>For Class 55 Rating, Add</i>	221.84	
<i>For Class 56 Rating, Add</i>	295.31	
40 05 19 00-3191 EA 10" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,573.97	288.14
<i>For Class 52 Rating, Deduct</i>	-125.11	
<i>For Class 54 Rating, Add</i>	175.85	
<i>For Class 55 Rating, Add</i>	264.11	
<i>For Class 56 Rating, Add</i>	351.24	
40 05 19 00-3192 EA 10" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,766.97	290.70
<i>For Class 52 Rating, Deduct</i>	-145.92	
<i>For Class 54 Rating, Add</i>	204.26	
<i>For Class 55 Rating, Add</i>	306.38	
<i>For Class 56 Rating, Add</i>	407.18	
40 05 19 00-3193 EA 10" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	1,959.97	293.24
<i>For Class 52 Rating, Deduct</i>	-166.72	
<i>For Class 54 Rating, Add</i>	232.68	
<i>For Class 55 Rating, Add</i>	348.66	
<i>For Class 56 Rating, Add</i>	463.11	
40 05 19 00-3194 EA 10" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,152.97	295.80
<i>For Class 52 Rating, Deduct</i>	-187.53	
<i>For Class 54 Rating, Add</i>	261.10	
<i>For Class 55 Rating, Add</i>	390.93	
<i>For Class 56 Rating, Add</i>	519.05	
40 05 19 00-3195 EA 10" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,345.98	298.34
<i>For Class 52 Rating, Deduct</i>	-208.33	
<i>For Class 54 Rating, Add</i>	289.52	
<i>For Class 55 Rating, Add</i>	433.20	
<i>For Class 56 Rating, Add</i>	574.99	
40 05 19 00-3196 EA 10" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,538.97	300.89
<i>For Class 52 Rating, Deduct</i>	-229.14	
<i>For Class 54 Rating, Add</i>	317.93	
<i>For Class 55 Rating, Add</i>	475.47	
<i>For Class 56 Rating, Add</i>	630.92	
40 05 19 00-3197 EA 10" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,731.97	303.45
<i>For Class 52 Rating, Deduct</i>	-249.94	
<i>For Class 54 Rating, Add</i>	346.35	
<i>For Class 55 Rating, Add</i>	517.74	
<i>For Class 56 Rating, Add</i>	686.85	
40 05 19 00-3198 EA 10" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,924.97	305.99
<i>For Class 52 Rating, Deduct</i>	-270.75	
<i>For Class 54 Rating, Add</i>	374.77	
<i>For Class 55 Rating, Add</i>	560.01	
<i>For Class 56 Rating, Add</i>	742.79	
40 05 19 00-3199 EA 10" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,117.98	308.54
<i>For Class 52 Rating, Deduct</i>	-291.55	
<i>For Class 54 Rating, Add</i>	403.18	
<i>For Class 55 Rating, Add</i>	602.28	
<i>For Class 56 Rating, Add</i>	798.72	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3200	EA		10" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,310.99	311.09
			<i>For Class 52 Rating, Deduct</i>	-312.36	
			<i>For Class 54 Rating, Add</i>	431.60	
			<i>For Class 55 Rating, Add</i>	644.55	
			<i>For Class 56 Rating, Add</i>	854.66	
40 05 19 00-3201	EA		10" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,503.99	313.65
			<i>For Class 52 Rating, Deduct</i>	-333.16	
			<i>For Class 54 Rating, Add</i>	460.02	
			<i>For Class 55 Rating, Add</i>	686.82	
			<i>For Class 56 Rating, Add</i>	910.60	
40 05 19 00-3202	EA		10" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,696.98	316.19
			<i>For Class 52 Rating, Deduct</i>	-353.97	
			<i>For Class 54 Rating, Add</i>	488.43	
			<i>For Class 55 Rating, Add</i>	729.09	
			<i>For Class 56 Rating, Add</i>	966.53	
40 05 19 00-3203	EA		10" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,889.98	318.75
			<i>For Class 52 Rating, Deduct</i>	-374.77	
			<i>For Class 54 Rating, Add</i>	516.85	
			<i>For Class 55 Rating, Add</i>	771.36	
			<i>For Class 56 Rating, Add</i>	1,022.46	
40 05 19 00-3204	EA		10" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,082.99	321.29
			<i>For Class 52 Rating, Deduct</i>	-395.58	
			<i>For Class 54 Rating, Add</i>	545.27	
			<i>For Class 55 Rating, Add</i>	813.63	
			<i>For Class 56 Rating, Add</i>	1,078.40	
40 05 19 00-3205	EA		10" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,275.99	323.84
			<i>For Class 52 Rating, Deduct</i>	-416.39	
			<i>For Class 54 Rating, Add</i>	573.69	
			<i>For Class 55 Rating, Add</i>	855.90	
			<i>For Class 56 Rating, Add</i>	1,134.33	
40 05 19 00-3206	EA		10" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,468.99	326.39
			<i>For Class 52 Rating, Deduct</i>	-437.19	
			<i>For Class 54 Rating, Add</i>	602.10	
			<i>For Class 55 Rating, Add</i>	898.17	
			<i>For Class 56 Rating, Add</i>	1,190.27	
40 05 19 00-3207	EA		10" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,661.98	328.94
			<i>For Class 52 Rating, Deduct</i>	-457.99	
			<i>For Class 54 Rating, Add</i>	630.52	
			<i>For Class 55 Rating, Add</i>	940.44	
			<i>For Class 56 Rating, Add</i>	1,246.20	
40 05 19 00-3208	EA		10" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,854.99	331.50
			<i>For Class 52 Rating, Deduct</i>	-478.80	
			<i>For Class 54 Rating, Add</i>	658.94	
			<i>For Class 55 Rating, Add</i>	982.71	
			<i>For Class 56 Rating, Add</i>	1,302.14	
40 05 19 00-3209	EA		10" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,048.00	334.04
			<i>For Class 52 Rating, Deduct</i>	-499.61	
			<i>For Class 54 Rating, Add</i>	687.35	
			<i>For Class 55 Rating, Add</i>	1,024.98	
			<i>For Class 56 Rating, Add</i>	1,358.07	
40 05 19 00-3210	EA		10" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,241.00	336.59
			<i>For Class 52 Rating, Deduct</i>	-520.41	
			<i>For Class 54 Rating, Add</i>	715.77	
			<i>For Class 55 Rating, Add</i>	1,067.25	
			<i>For Class 56 Rating, Add</i>	1,414.01	
40 05 19 00-3211	EA		10" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,434.00	339.14
			<i>For Class 52 Rating, Deduct</i>	-541.22	
			<i>For Class 54 Rating, Add</i>	744.19	
			<i>For Class 55 Rating, Add</i>	1,109.53	
			<i>For Class 56 Rating, Add</i>	1,469.94	
40 05 19 00-3212	EA		10" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,627.00	341.69
			<i>For Class 52 Rating, Deduct</i>	-562.02	
			<i>For Class 54 Rating, Add</i>	772.60	
			<i>For Class 55 Rating, Add</i>	1,151.79	
			<i>For Class 56 Rating, Add</i>	1,525.88	
40 05 19 00-3213	EA		10" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,820.00	344.24
			<i>For Class 52 Rating, Deduct</i>	-582.83	
			<i>For Class 54 Rating, Add</i>	801.02	
			<i>For Class 55 Rating, Add</i>	1,194.07	
			<i>For Class 56 Rating, Add</i>	1,581.81	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3214 EA 10" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,013.00	346.80
<i>For Class 52 Rating, Deduct</i>	-603.63	
<i>For Class 54 Rating, Add</i>	829.44	
<i>For Class 55 Rating, Add</i>	1,236.34	
<i>For Class 56 Rating, Add</i>	1,637.75	
40 05 19 00-3215 EA 10" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,206.00	349.34
<i>For Class 52 Rating, Deduct</i>	-624.44	
<i>For Class 54 Rating, Add</i>	857.86	
<i>For Class 55 Rating, Add</i>	1,278.61	
<i>For Class 56 Rating, Add</i>	1,693.68	
40 05 19 00-3216 EA 10" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,399.01	351.88
<i>For Class 52 Rating, Deduct</i>	-645.24	
<i>For Class 54 Rating, Add</i>	886.27	
<i>For Class 55 Rating, Add</i>	1,320.88	
<i>For Class 56 Rating, Add</i>	1,749.62	
40 05 19 00-3217 EA 10" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,592.00	354.44
<i>For Class 52 Rating, Deduct</i>	-666.05	
<i>For Class 54 Rating, Add</i>	914.69	
<i>For Class 55 Rating, Add</i>	1,363.15	
<i>For Class 56 Rating, Add</i>	1,805.55	
40 05 19 00-3218 EA 10" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,785.01	356.99
<i>For Class 52 Rating, Deduct</i>	-686.85	
<i>For Class 54 Rating, Add</i>	943.11	
<i>For Class 55 Rating, Add</i>	1,405.42	
<i>For Class 56 Rating, Add</i>	1,861.48	
40 05 19 00-3219 EA 10" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,978.01	359.55
<i>For Class 52 Rating, Deduct</i>	-707.66	
<i>For Class 54 Rating, Add</i>	971.52	
<i>For Class 55 Rating, Add</i>	1,447.69	
<i>For Class 56 Rating, Add</i>	1,917.42	
40 05 19 00-3220 EA 10" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,171.02	362.09
<i>For Class 52 Rating, Deduct</i>	-728.46	
<i>For Class 54 Rating, Add</i>	999.94	
<i>For Class 55 Rating, Add</i>	1,489.96	
<i>For Class 56 Rating, Add</i>	1,973.36	
40 05 19 00-3221 EA 10" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,364.02	364.64
<i>For Class 52 Rating, Deduct</i>	-749.27	
<i>For Class 54 Rating, Add</i>	1,028.36	
<i>For Class 55 Rating, Add</i>	1,532.23	
<i>For Class 56 Rating, Add</i>	2,029.29	
40 05 19 00-3222 EA 10" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,557.01	367.19
<i>For Class 52 Rating, Deduct</i>	-770.07	
<i>For Class 54 Rating, Add</i>	1,056.78	
<i>For Class 55 Rating, Add</i>	1,574.50	
<i>For Class 56 Rating, Add</i>	2,085.22	
40 05 19 00-3223 EA 10" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,750.01	369.74
<i>For Class 52 Rating, Deduct</i>	-790.88	
<i>For Class 54 Rating, Add</i>	1,085.19	
<i>For Class 55 Rating, Add</i>	1,616.77	
<i>For Class 56 Rating, Add</i>	2,141.16	
40 05 19 00-3224 EA 10" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,943.02	372.29
<i>For Class 52 Rating, Deduct</i>	-811.68	
<i>For Class 54 Rating, Add</i>	1,113.61	
<i>For Class 55 Rating, Add</i>	1,659.04	
<i>For Class 56 Rating, Add</i>	2,197.09	
40 05 19 00-3225 EA 10" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,136.02	374.85
<i>For Class 52 Rating, Deduct</i>	-832.49	
<i>For Class 54 Rating, Add</i>	1,142.03	
<i>For Class 55 Rating, Add</i>	1,701.31	
<i>For Class 56 Rating, Add</i>	2,253.03	
40 05 19 00-3226 EA 10" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,329.02	377.40
<i>For Class 52 Rating, Deduct</i>	-853.29	
<i>For Class 54 Rating, Add</i>	1,170.44	
<i>For Class 55 Rating, Add</i>	1,743.58	
<i>For Class 56 Rating, Add</i>	2,308.96	
40 05 19 00-3227 EA 10" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,522.03	379.93
<i>For Class 52 Rating, Deduct</i>	-874.10	
<i>For Class 54 Rating, Add</i>	1,198.86	
<i>For Class 55 Rating, Add</i>	1,785.85	
<i>For Class 56 Rating, Add</i>	2,364.90	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR		TOTAL DIRECT		DEMOLITION
CSI	UOM	DESCRIPTION	UNIT COST	UNIT COST
40 05 19 00-3228	EA	10" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,715.03	382.49
		<i>For Class 52 Rating, Deduct</i>	-894.90	
		<i>For Class 54 Rating, Add</i>	1,227.28	
		<i>For Class 55 Rating, Add</i>	1,828.12	
		<i>For Class 56 Rating, Add</i>	2,420.83	
40 05 19 00-3229		12" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3230	EA	12" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	1,793.30	356.99
		<i>For Class 52 Rating, Deduct</i>	-137.76	
		<i>For Class 54 Rating, Add</i>	194.35	
		<i>For Class 55 Rating, Add</i>	292.27	
		<i>For Class 56 Rating, Add</i>	388.93	
40 05 19 00-3231	EA	12" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,032.31	359.55
		<i>For Class 52 Rating, Deduct</i>	-163.63	
		<i>For Class 54 Rating, Add</i>	229.67	
		<i>For Class 55 Rating, Add</i>	344.80	
		<i>For Class 56 Rating, Add</i>	458.44	
40 05 19 00-3232	EA	12" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,271.32	362.09
		<i>For Class 52 Rating, Deduct</i>	-189.50	
		<i>For Class 54 Rating, Add</i>	264.99	
		<i>For Class 55 Rating, Add</i>	397.33	
		<i>For Class 56 Rating, Add</i>	527.94	
40 05 19 00-3233	EA	12" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,510.32	364.64
		<i>For Class 52 Rating, Deduct</i>	-215.36	
		<i>For Class 54 Rating, Add</i>	300.30	
		<i>For Class 55 Rating, Add</i>	449.86	
		<i>For Class 56 Rating, Add</i>	597.45	
40 05 19 00-3234	EA	12" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,749.33	367.19
		<i>For Class 52 Rating, Deduct</i>	-241.23	
		<i>For Class 54 Rating, Add</i>	335.62	
		<i>For Class 55 Rating, Add</i>	502.39	
		<i>For Class 56 Rating, Add</i>	666.96	
40 05 19 00-3235	EA	12" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	2,988.33	369.74
		<i>For Class 52 Rating, Deduct</i>	-267.09	
		<i>For Class 54 Rating, Add</i>	370.94	
		<i>For Class 55 Rating, Add</i>	554.92	
		<i>For Class 56 Rating, Add</i>	736.46	
40 05 19 00-3236	EA	12" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,227.35	372.29
		<i>For Class 52 Rating, Deduct</i>	-292.96	
		<i>For Class 54 Rating, Add</i>	406.26	
		<i>For Class 55 Rating, Add</i>	607.45	
		<i>For Class 56 Rating, Add</i>	805.97	
40 05 19 00-3237	EA	12" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,466.35	374.85
		<i>For Class 52 Rating, Deduct</i>	-318.83	
		<i>For Class 54 Rating, Add</i>	441.58	
		<i>For Class 55 Rating, Add</i>	659.98	
		<i>For Class 56 Rating, Add</i>	875.48	
40 05 19 00-3238	EA	12" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,705.36	377.40
		<i>For Class 52 Rating, Deduct</i>	-344.69	
		<i>For Class 54 Rating, Add</i>	476.90	
		<i>For Class 55 Rating, Add</i>	712.51	
		<i>For Class 56 Rating, Add</i>	944.99	
40 05 19 00-3239	EA	12" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,944.37	379.93
		<i>For Class 52 Rating, Deduct</i>	-370.56	
		<i>For Class 54 Rating, Add</i>	512.21	
		<i>For Class 55 Rating, Add</i>	765.04	
		<i>For Class 56 Rating, Add</i>	1,014.49	
40 05 19 00-3240	EA	12" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,183.39	382.49
		<i>For Class 52 Rating, Deduct</i>	-396.42	
		<i>For Class 54 Rating, Add</i>	547.53	
		<i>For Class 55 Rating, Add</i>	817.57	
		<i>For Class 56 Rating, Add</i>	1,084.00	
40 05 19 00-3241	EA	12" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,422.39	385.04
		<i>For Class 52 Rating, Deduct</i>	-422.29	
		<i>For Class 54 Rating, Add</i>	582.85	
		<i>For Class 55 Rating, Add</i>	870.10	
		<i>For Class 56 Rating, Add</i>	1,153.50	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3242 EA 12" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,661.40	387.59
<i>For Class 52 Rating, Deduct</i>	-448.16	
<i>For Class 54 Rating, Add</i>	618.17	
<i>For Class 55 Rating, Add</i>	922.63	
<i>For Class 56 Rating, Add</i>	1,223.01	
40 05 19 00-3243 EA 12" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,900.40	390.14
<i>For Class 52 Rating, Deduct</i>	-474.02	
<i>For Class 54 Rating, Add</i>	653.49	
<i>For Class 55 Rating, Add</i>	975.16	
<i>For Class 56 Rating, Add</i>	1,292.52	
40 05 19 00-3244 EA 12" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,139.42	392.69
<i>For Class 52 Rating, Deduct</i>	-499.89	
<i>For Class 54 Rating, Add</i>	688.80	
<i>For Class 55 Rating, Add</i>	1,027.69	
<i>For Class 56 Rating, Add</i>	1,362.03	
40 05 19 00-3245 EA 12" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,378.42	395.24
<i>For Class 52 Rating, Deduct</i>	-525.75	
<i>For Class 54 Rating, Add</i>	724.12	
<i>For Class 55 Rating, Add</i>	1,080.22	
<i>For Class 56 Rating, Add</i>	1,431.53	
40 05 19 00-3246 EA 12" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,617.43	397.79
<i>For Class 52 Rating, Deduct</i>	-551.62	
<i>For Class 54 Rating, Add</i>	759.44	
<i>For Class 55 Rating, Add</i>	1,132.75	
<i>For Class 56 Rating, Add</i>	1,501.04	
40 05 19 00-3247 EA 12" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,856.43	400.34
<i>For Class 52 Rating, Deduct</i>	-577.48	
<i>For Class 54 Rating, Add</i>	794.76	
<i>For Class 55 Rating, Add</i>	1,185.28	
<i>For Class 56 Rating, Add</i>	1,570.55	
40 05 19 00-3248 EA 12" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,095.45	402.90
<i>For Class 52 Rating, Deduct</i>	-603.35	
<i>For Class 54 Rating, Add</i>	830.08	
<i>For Class 55 Rating, Add</i>	1,237.81	
<i>For Class 56 Rating, Add</i>	1,640.05	
40 05 19 00-3249 EA 12" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,334.46	405.44
<i>For Class 52 Rating, Deduct</i>	-629.22	
<i>For Class 54 Rating, Add</i>	865.39	
<i>For Class 55 Rating, Add</i>	1,290.34	
<i>For Class 56 Rating, Add</i>	1,709.56	
40 05 19 00-3250 EA 12" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,573.46	407.98
<i>For Class 52 Rating, Deduct</i>	-655.08	
<i>For Class 54 Rating, Add</i>	900.71	
<i>For Class 55 Rating, Add</i>	1,342.87	
<i>For Class 56 Rating, Add</i>	1,779.06	
40 05 19 00-3251 EA 12" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,812.47	410.54
<i>For Class 52 Rating, Deduct</i>	-680.95	
<i>For Class 54 Rating, Add</i>	936.03	
<i>For Class 55 Rating, Add</i>	1,395.40	
<i>For Class 56 Rating, Add</i>	1,848.57	
40 05 19 00-3252 EA 12" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,051.48	413.09
<i>For Class 52 Rating, Deduct</i>	-706.81	
<i>For Class 54 Rating, Add</i>	971.35	
<i>For Class 55 Rating, Add</i>	1,447.93	
<i>For Class 56 Rating, Add</i>	1,918.08	
40 05 19 00-3253 EA 12" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,290.49	415.64
<i>For Class 52 Rating, Deduct</i>	-732.68	
<i>For Class 54 Rating, Add</i>	1,006.67	
<i>For Class 55 Rating, Add</i>	1,500.46	
<i>For Class 56 Rating, Add</i>	1,987.59	
40 05 19 00-3254 EA 12" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,529.49	418.19
<i>For Class 52 Rating, Deduct</i>	-758.55	
<i>For Class 54 Rating, Add</i>	1,041.98	
<i>For Class 55 Rating, Add</i>	1,552.99	
<i>For Class 56 Rating, Add</i>	2,057.09	
40 05 19 00-3255 EA 12" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,768.50	420.74
<i>For Class 52 Rating, Deduct</i>	-784.41	
<i>For Class 54 Rating, Add</i>	1,077.30	
<i>For Class 55 Rating, Add</i>	1,605.52	
<i>For Class 56 Rating, Add</i>	2,126.60	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3256	EA		12" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,007.50	423.29
			<i>For Class 52 Rating, Deduct</i>	-810.28	
			<i>For Class 54 Rating, Add</i>	1,112.62	
			<i>For Class 55 Rating, Add</i>	1,658.05	
			<i>For Class 56 Rating, Add</i>	2,196.11	
40 05 19 00-3257	EA		12" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,246.53	425.84
			<i>For Class 52 Rating, Deduct</i>	-836.14	
			<i>For Class 54 Rating, Add</i>	1,147.94	
			<i>For Class 55 Rating, Add</i>	1,710.58	
			<i>For Class 56 Rating, Add</i>	2,265.61	
40 05 19 00-3258	EA		12" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,485.53	428.39
			<i>For Class 52 Rating, Deduct</i>	-862.01	
			<i>For Class 54 Rating, Add</i>	1,183.26	
			<i>For Class 55 Rating, Add</i>	1,763.11	
			<i>For Class 56 Rating, Add</i>	2,335.12	
40 05 19 00-3259	EA		12" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,724.54	430.95
			<i>For Class 52 Rating, Deduct</i>	-887.88	
			<i>For Class 54 Rating, Add</i>	1,218.58	
			<i>For Class 55 Rating, Add</i>	1,815.64	
			<i>For Class 56 Rating, Add</i>	2,404.63	
40 05 19 00-3260	EA		12" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,963.54	433.49
			<i>For Class 52 Rating, Deduct</i>	-913.74	
			<i>For Class 54 Rating, Add</i>	1,253.89	
			<i>For Class 55 Rating, Add</i>	1,868.17	
			<i>For Class 56 Rating, Add</i>	2,474.13	
40 05 19 00-3261	EA		12" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,202.55	436.03
			<i>For Class 52 Rating, Deduct</i>	-939.61	
			<i>For Class 54 Rating, Add</i>	1,289.21	
			<i>For Class 55 Rating, Add</i>	1,920.70	
			<i>For Class 56 Rating, Add</i>	2,543.64	
40 05 19 00-3262	EA		12" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,441.56	438.59
			<i>For Class 52 Rating, Deduct</i>	-965.47	
			<i>For Class 54 Rating, Add</i>	1,324.53	
			<i>For Class 55 Rating, Add</i>	1,973.23	
			<i>For Class 56 Rating, Add</i>	2,613.15	
40 05 19 00-3263	EA		12" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,680.56	441.14
			<i>For Class 52 Rating, Deduct</i>	-991.34	
			<i>For Class 54 Rating, Add</i>	1,359.85	
			<i>For Class 55 Rating, Add</i>	2,025.76	
			<i>For Class 56 Rating, Add</i>	2,682.65	
40 05 19 00-3264	EA		12" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,919.57	443.69
			<i>For Class 52 Rating, Deduct</i>	-1,017.21	
			<i>For Class 54 Rating, Add</i>	1,395.17	
			<i>For Class 55 Rating, Add</i>	2,078.29	
			<i>For Class 56 Rating, Add</i>	2,752.16	
40 05 19 00-3265	EA		12" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,158.58	446.24
			<i>For Class 52 Rating, Deduct</i>	-1,043.07	
			<i>For Class 54 Rating, Add</i>	1,430.48	
			<i>For Class 55 Rating, Add</i>	2,130.82	
			<i>For Class 56 Rating, Add</i>	2,821.67	
40 05 19 00-3266	EA		12" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,397.60	448.79
			<i>For Class 52 Rating, Deduct</i>	-1,068.94	
			<i>For Class 54 Rating, Add</i>	1,465.80	
			<i>For Class 55 Rating, Add</i>	2,183.35	
			<i>For Class 56 Rating, Add</i>	2,891.17	
40 05 19 00-3267	EA		12" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,636.60	451.33
			<i>For Class 52 Rating, Deduct</i>	-1,094.80	
			<i>For Class 54 Rating, Add</i>	1,501.12	
			<i>For Class 55 Rating, Add</i>	2,235.88	
			<i>For Class 56 Rating, Add</i>	2,960.68	
40 05 19 00-3268	EA		12" Flanged x Plain End (FxPE), 20'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,875.61	453.89
			<i>For Class 52 Rating, Deduct</i>	-1,120.67	
			<i>For Class 54 Rating, Add</i>	1,536.44	
			<i>For Class 55 Rating, Add</i>	2,288.41	
			<i>For Class 56 Rating, Add</i>	3,030.19	

40 05 19 00-3269 14" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe (40 05 19 00-3068)

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3270 EA 14" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,415.22	428.39
<i>For Class 52 Rating, Deduct</i>	-194.28	
<i>For Class 54 Rating, Add</i>	272.71	
<i>For Class 55 Rating, Add</i>	409.43	
<i>For Class 56 Rating, Add</i>	544.38	
40 05 19 00-3271 EA 14" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,705.34	430.95
<i>For Class 52 Rating, Deduct</i>	-225.76	
<i>For Class 54 Rating, Add</i>	315.70	
<i>For Class 55 Rating, Add</i>	473.36	
<i>For Class 56 Rating, Add</i>	628.96	
40 05 19 00-3272 EA 14" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,995.47	433.49
<i>For Class 52 Rating, Deduct</i>	-257.25	
<i>For Class 54 Rating, Add</i>	358.68	
<i>For Class 55 Rating, Add</i>	537.29	
<i>For Class 56 Rating, Add</i>	713.55	
40 05 19 00-3273 EA 14" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,285.60	436.03
<i>For Class 52 Rating, Deduct</i>	-288.74	
<i>For Class 54 Rating, Add</i>	401.67	
<i>For Class 55 Rating, Add</i>	601.22	
<i>For Class 56 Rating, Add</i>	798.14	
40 05 19 00-3274 EA 14" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,575.72	438.59
<i>For Class 52 Rating, Deduct</i>	-320.23	
<i>For Class 54 Rating, Add</i>	444.65	
<i>For Class 55 Rating, Add</i>	665.14	
<i>For Class 56 Rating, Add</i>	882.72	
40 05 19 00-3275 EA 14" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,865.85	441.14
<i>For Class 52 Rating, Deduct</i>	-351.72	
<i>For Class 54 Rating, Add</i>	487.64	
<i>For Class 55 Rating, Add</i>	729.07	
<i>For Class 56 Rating, Add</i>	967.31	
40 05 19 00-3276 EA 14" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,155.97	443.69
<i>For Class 52 Rating, Deduct</i>	-383.21	
<i>For Class 54 Rating, Add</i>	530.63	
<i>For Class 55 Rating, Add</i>	793.00	
<i>For Class 56 Rating, Add</i>	1,051.90	
40 05 19 00-3277 EA 14" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,446.10	446.24
<i>For Class 52 Rating, Deduct</i>	-414.70	
<i>For Class 54 Rating, Add</i>	573.61	
<i>For Class 55 Rating, Add</i>	856.93	
<i>For Class 56 Rating, Add</i>	1,136.48	
40 05 19 00-3278 EA 14" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,736.23	448.79
<i>For Class 52 Rating, Deduct</i>	-446.19	
<i>For Class 54 Rating, Add</i>	616.60	
<i>For Class 55 Rating, Add</i>	920.86	
<i>For Class 56 Rating, Add</i>	1,221.07	
40 05 19 00-3279 EA 14" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,026.36	451.33
<i>For Class 52 Rating, Deduct</i>	-477.68	
<i>For Class 54 Rating, Add</i>	659.58	
<i>For Class 55 Rating, Add</i>	984.79	
<i>For Class 56 Rating, Add</i>	1,305.66	
40 05 19 00-3280 EA 14" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,316.48	453.89
<i>For Class 52 Rating, Deduct</i>	-509.16	
<i>For Class 54 Rating, Add</i>	702.57	
<i>For Class 55 Rating, Add</i>	1,048.72	
<i>For Class 56 Rating, Add</i>	1,390.24	
40 05 19 00-3281 EA 14" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,606.61	456.44
<i>For Class 52 Rating, Deduct</i>	-540.65	
<i>For Class 54 Rating, Add</i>	745.55	
<i>For Class 55 Rating, Add</i>	1,112.65	
<i>For Class 56 Rating, Add</i>	1,474.83	
40 05 19 00-3282 EA 14" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,896.74	459.00
<i>For Class 52 Rating, Deduct</i>	-572.14	
<i>For Class 54 Rating, Add</i>	788.54	
<i>For Class 55 Rating, Add</i>	1,176.58	
<i>For Class 56 Rating, Add</i>	1,559.42	
40 05 19 00-3283 EA 14" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,186.86	461.54
<i>For Class 52 Rating, Deduct</i>	-603.63	
<i>For Class 54 Rating, Add</i>	831.53	
<i>For Class 55 Rating, Add</i>	1,240.51	
<i>For Class 56 Rating, Add</i>	1,644.01	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3284	EA		14" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,476.98	464.08
			<i>For Class 52 Rating, Deduct</i>	-635.12	
			<i>For Class 54 Rating, Add</i>	874.51	
			<i>For Class 55 Rating, Add</i>	1,304.44	
			<i>For Class 56 Rating, Add</i>	1,728.59	
40 05 19 00-3285	EA		14" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,767.12	466.64
			<i>For Class 52 Rating, Deduct</i>	-666.61	
			<i>For Class 54 Rating, Add</i>	917.50	
			<i>For Class 55 Rating, Add</i>	1,368.37	
			<i>For Class 56 Rating, Add</i>	1,813.18	
40 05 19 00-3286	EA		14" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,057.24	469.18
			<i>For Class 52 Rating, Deduct</i>	-698.10	
			<i>For Class 54 Rating, Add</i>	960.48	
			<i>For Class 55 Rating, Add</i>	1,432.30	
			<i>For Class 56 Rating, Add</i>	1,897.77	
40 05 19 00-3287	EA		14" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,347.37	471.74
			<i>For Class 52 Rating, Deduct</i>	-729.59	
			<i>For Class 54 Rating, Add</i>	1,003.47	
			<i>For Class 55 Rating, Add</i>	1,496.23	
			<i>For Class 56 Rating, Add</i>	1,982.35	
40 05 19 00-3288	EA		14" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,637.50	474.29
			<i>For Class 52 Rating, Deduct</i>	-761.08	
			<i>For Class 54 Rating, Add</i>	1,046.46	
			<i>For Class 55 Rating, Add</i>	1,560.16	
			<i>For Class 56 Rating, Add</i>	2,066.94	
40 05 19 00-3289	EA		14" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,927.63	476.85
			<i>For Class 52 Rating, Deduct</i>	-792.57	
			<i>For Class 54 Rating, Add</i>	1,089.44	
			<i>For Class 55 Rating, Add</i>	1,624.09	
			<i>For Class 56 Rating, Add</i>	2,151.53	
40 05 19 00-3290	EA		14" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	8,217.75	479.38
			<i>For Class 52 Rating, Deduct</i>	-824.05	
			<i>For Class 54 Rating, Add</i>	1,132.43	
			<i>For Class 55 Rating, Add</i>	1,688.01	
			<i>For Class 56 Rating, Add</i>	2,236.11	
40 05 19 00-3291	EA		14" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	8,507.87	481.94
			<i>For Class 52 Rating, Deduct</i>	-855.54	
			<i>For Class 54 Rating, Add</i>	1,175.41	
			<i>For Class 55 Rating, Add</i>	1,751.94	
			<i>For Class 56 Rating, Add</i>	2,320.70	
40 05 19 00-3292	EA		14" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	8,798.00	484.49
			<i>For Class 52 Rating, Deduct</i>	-887.03	
			<i>For Class 54 Rating, Add</i>	1,218.40	
			<i>For Class 55 Rating, Add</i>	1,815.87	
			<i>For Class 56 Rating, Add</i>	2,405.29	
40 05 19 00-3293	EA		14" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	9,088.13	487.05
			<i>For Class 52 Rating, Deduct</i>	-918.52	
			<i>For Class 54 Rating, Add</i>	1,261.38	
			<i>For Class 55 Rating, Add</i>	1,879.80	
			<i>For Class 56 Rating, Add</i>	2,489.87	
40 05 19 00-3294	EA		14" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	9,378.25	489.59
			<i>For Class 52 Rating, Deduct</i>	-950.01	
			<i>For Class 54 Rating, Add</i>	1,304.37	
			<i>For Class 55 Rating, Add</i>	1,943.73	
			<i>For Class 56 Rating, Add</i>	2,574.46	
40 05 19 00-3295	EA		14" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	9,668.38	492.13
			<i>For Class 52 Rating, Deduct</i>	-981.50	
			<i>For Class 54 Rating, Add</i>	1,347.36	
			<i>For Class 55 Rating, Add</i>	2,007.66	
			<i>For Class 56 Rating, Add</i>	2,659.05	
40 05 19 00-3296	EA		14" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	9,958.51	494.69
			<i>For Class 52 Rating, Deduct</i>	-1,012.99	
			<i>For Class 54 Rating, Add</i>	1,390.34	
			<i>For Class 55 Rating, Add</i>	2,071.59	
			<i>For Class 56 Rating, Add</i>	2,743.63	
40 05 19 00-3297	EA		14" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	10,248.64	497.23
			<i>For Class 52 Rating, Deduct</i>	-1,044.48	
			<i>For Class 54 Rating, Add</i>	1,433.33	
			<i>For Class 55 Rating, Add</i>	2,135.52	
			<i>For Class 56 Rating, Add</i>	2,828.22	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3298 EA 14" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,538.77	499.79
<i>For Class 52 Rating, Deduct</i>	-1,075.97	
<i>For Class 54 Rating, Add</i>	1,476.31	
<i>For Class 55 Rating, Add</i>	2,199.45	
<i>For Class 56 Rating, Add</i>	2,912.81	
40 05 19 00-3299 EA 14" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,828.89	502.34
<i>For Class 52 Rating, Deduct</i>	-1,107.45	
<i>For Class 54 Rating, Add</i>	1,519.30	
<i>For Class 55 Rating, Add</i>	2,263.38	
<i>For Class 56 Rating, Add</i>	2,997.39	
40 05 19 00-3300 EA 14" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,119.01	504.90
<i>For Class 52 Rating, Deduct</i>	-1,138.94	
<i>For Class 54 Rating, Add</i>	1,562.28	
<i>For Class 55 Rating, Add</i>	2,327.31	
<i>For Class 56 Rating, Add</i>	3,081.98	
40 05 19 00-3301 EA 14" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,409.15	507.43
<i>For Class 52 Rating, Deduct</i>	-1,170.43	
<i>For Class 54 Rating, Add</i>	1,605.27	
<i>For Class 55 Rating, Add</i>	2,391.24	
<i>For Class 56 Rating, Add</i>	3,166.57	
40 05 19 00-3302 EA 14" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,699.27	509.99
<i>For Class 52 Rating, Deduct</i>	-1,201.92	
<i>For Class 54 Rating, Add</i>	1,648.26	
<i>For Class 55 Rating, Add</i>	2,455.17	
<i>For Class 56 Rating, Add</i>	3,251.15	
40 05 19 00-3303 EA 14" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,989.39	512.54
<i>For Class 52 Rating, Deduct</i>	-1,233.41	
<i>For Class 54 Rating, Add</i>	1,691.24	
<i>For Class 55 Rating, Add</i>	2,519.10	
<i>For Class 56 Rating, Add</i>	3,335.74	
40 05 19 00-3304 EA 14" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,279.51	515.08
<i>For Class 52 Rating, Deduct</i>	-1,264.90	
<i>For Class 54 Rating, Add</i>	1,734.23	
<i>For Class 55 Rating, Add</i>	2,583.03	
<i>For Class 56 Rating, Add</i>	3,420.32	
40 05 19 00-3305 EA 14" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,569.66	517.64
<i>For Class 52 Rating, Deduct</i>	-1,296.39	
<i>For Class 54 Rating, Add</i>	1,777.21	
<i>For Class 55 Rating, Add</i>	2,646.96	
<i>For Class 56 Rating, Add</i>	3,504.91	
40 05 19 00-3306 EA 14" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,859.78	520.18
<i>For Class 52 Rating, Deduct</i>	-1,327.88	
<i>For Class 54 Rating, Add</i>	1,820.20	
<i>For Class 55 Rating, Add</i>	2,710.89	
<i>For Class 56 Rating, Add</i>	3,589.50	
40 05 19 00-3307 EA 14" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,149.90	522.74
<i>For Class 52 Rating, Deduct</i>	-1,359.37	
<i>For Class 54 Rating, Add</i>	1,863.18	
<i>For Class 55 Rating, Add</i>	2,774.81	
<i>For Class 56 Rating, Add</i>	3,674.08	
40 05 19 00-3308 16" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3309 EA 16" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	2,824.87	489.59
<i>For Class 52 Rating, Deduct</i>	-229.14	
<i>For Class 54 Rating, Add</i>	321.36	
<i>For Class 55 Rating, Add</i>	482.33	
<i>For Class 56 Rating, Add</i>	641.21	
40 05 19 00-3310 EA 16" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,161.00	492.13
<i>For Class 52 Rating, Deduct</i>	-265.69	
<i>For Class 54 Rating, Add</i>	371.25	
<i>For Class 55 Rating, Add</i>	556.52	
<i>For Class 56 Rating, Add</i>	739.37	
40 05 19 00-3311 EA 16" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,497.14	494.69
<i>For Class 52 Rating, Deduct</i>	-302.24	
<i>For Class 54 Rating, Add</i>	421.14	
<i>For Class 55 Rating, Add</i>	630.71	
<i>For Class 56 Rating, Add</i>	837.53	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3312	EA		16" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	3,833.28	497.23
			<i>For Class 52 Rating, Deduct</i>	-338.79	
			<i>For Class 54 Rating, Add</i>	471.02	
			<i>For Class 55 Rating, Add</i>	704.89	
			<i>For Class 56 Rating, Add</i>	935.69	
40 05 19 00-3313	EA		16" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,169.41	499.79
			<i>For Class 52 Rating, Deduct</i>	-375.34	
			<i>For Class 54 Rating, Add</i>	520.91	
			<i>For Class 55 Rating, Add</i>	779.08	
			<i>For Class 56 Rating, Add</i>	1,033.85	
40 05 19 00-3314	EA		16" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,505.54	502.34
			<i>For Class 52 Rating, Deduct</i>	-411.89	
			<i>For Class 54 Rating, Add</i>	570.80	
			<i>For Class 55 Rating, Add</i>	853.27	
			<i>For Class 56 Rating, Add</i>	1,132.00	
40 05 19 00-3315	EA		16" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	4,841.67	504.90
			<i>For Class 52 Rating, Deduct</i>	-448.44	
			<i>For Class 54 Rating, Add</i>	620.68	
			<i>For Class 55 Rating, Add</i>	927.46	
			<i>For Class 56 Rating, Add</i>	1,230.16	
40 05 19 00-3316	EA		16" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,177.81	507.43
			<i>For Class 52 Rating, Deduct</i>	-484.99	
			<i>For Class 54 Rating, Add</i>	670.57	
			<i>For Class 55 Rating, Add</i>	1,001.65	
			<i>For Class 56 Rating, Add</i>	1,328.32	
40 05 19 00-3317	EA		16" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,513.94	509.99
			<i>For Class 52 Rating, Deduct</i>	-521.54	
			<i>For Class 54 Rating, Add</i>	720.46	
			<i>For Class 55 Rating, Add</i>	1,075.84	
			<i>For Class 56 Rating, Add</i>	1,426.48	
40 05 19 00-3318	EA		16" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	5,850.07	512.54
			<i>For Class 52 Rating, Deduct</i>	-558.09	
			<i>For Class 54 Rating, Add</i>	770.34	
			<i>For Class 55 Rating, Add</i>	1,150.03	
			<i>For Class 56 Rating, Add</i>	1,524.64	
40 05 19 00-3319	EA		16" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,186.20	515.08
			<i>For Class 52 Rating, Deduct</i>	-594.63	
			<i>For Class 54 Rating, Add</i>	820.23	
			<i>For Class 55 Rating, Add</i>	1,224.22	
			<i>For Class 56 Rating, Add</i>	1,622.80	
40 05 19 00-3320	EA		16" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,522.35	517.64
			<i>For Class 52 Rating, Deduct</i>	-631.18	
			<i>For Class 54 Rating, Add</i>	870.12	
			<i>For Class 55 Rating, Add</i>	1,298.41	
			<i>For Class 56 Rating, Add</i>	1,720.96	
40 05 19 00-3321	EA		16" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	6,858.48	520.18
			<i>For Class 52 Rating, Deduct</i>	-667.73	
			<i>For Class 54 Rating, Add</i>	920.00	
			<i>For Class 55 Rating, Add</i>	1,372.60	
			<i>For Class 56 Rating, Add</i>	1,819.12	
40 05 19 00-3322	EA		16" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,194.61	522.74
			<i>For Class 52 Rating, Deduct</i>	-704.28	
			<i>For Class 54 Rating, Add</i>	969.89	
			<i>For Class 55 Rating, Add</i>	1,446.78	
			<i>For Class 56 Rating, Add</i>	1,917.27	
40 05 19 00-3323	EA		16" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,530.74	525.28
			<i>For Class 52 Rating, Deduct</i>	-740.83	
			<i>For Class 54 Rating, Add</i>	1,019.78	
			<i>For Class 55 Rating, Add</i>	1,520.97	
			<i>For Class 56 Rating, Add</i>	2,015.43	
40 05 19 00-3324	EA		16" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,866.87	527.84
			<i>For Class 52 Rating, Deduct</i>	-777.38	
			<i>For Class 54 Rating, Add</i>	1,069.67	
			<i>For Class 55 Rating, Add</i>	1,595.16	
			<i>For Class 56 Rating, Add</i>	2,113.59	
40 05 19 00-3325	EA		16" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	8,203.01	530.39
			<i>For Class 52 Rating, Deduct</i>	-813.93	
			<i>For Class 54 Rating, Add</i>	1,119.55	
			<i>For Class 55 Rating, Add</i>	1,669.35	
			<i>For Class 56 Rating, Add</i>	2,211.75	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3326 EA 16" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,539.14	532.94
<i>For Class 52 Rating, Deduct</i>	-850.48	
<i>For Class 54 Rating, Add</i>	1,169.44	
<i>For Class 55 Rating, Add</i>	1,743.54	
<i>For Class 56 Rating, Add</i>	2,309.91	
40 05 19 00-3327 EA 16" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,875.27	535.48
<i>For Class 52 Rating, Deduct</i>	-887.03	
<i>For Class 54 Rating, Add</i>	1,219.33	
<i>For Class 55 Rating, Add</i>	1,817.73	
<i>For Class 56 Rating, Add</i>	2,408.07	
40 05 19 00-3328 EA 16" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,211.40	538.04
<i>For Class 52 Rating, Deduct</i>	-923.58	
<i>For Class 54 Rating, Add</i>	1,269.21	
<i>For Class 55 Rating, Add</i>	1,891.92	
<i>For Class 56 Rating, Add</i>	2,506.23	
40 05 19 00-3329 EA 16" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,547.55	540.59
<i>For Class 52 Rating, Deduct</i>	-960.13	
<i>For Class 54 Rating, Add</i>	1,319.10	
<i>For Class 55 Rating, Add</i>	1,966.11	
<i>For Class 56 Rating, Add</i>	2,604.39	
40 05 19 00-3330 EA 16" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,883.68	543.13
<i>For Class 52 Rating, Deduct</i>	-996.68	
<i>For Class 54 Rating, Add</i>	1,368.99	
<i>For Class 55 Rating, Add</i>	2,040.30	
<i>For Class 56 Rating, Add</i>	2,702.54	
40 05 19 00-3331 EA 16" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,219.81	545.69
<i>For Class 52 Rating, Deduct</i>	-1,033.23	
<i>For Class 54 Rating, Add</i>	1,418.87	
<i>For Class 55 Rating, Add</i>	2,114.48	
<i>For Class 56 Rating, Add</i>	2,800.70	
40 05 19 00-3332 EA 16" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,555.94	548.24
<i>For Class 52 Rating, Deduct</i>	-1,069.78	
<i>For Class 54 Rating, Add</i>	1,468.76	
<i>For Class 55 Rating, Add</i>	2,188.67	
<i>For Class 56 Rating, Add</i>	2,898.86	
40 05 19 00-3333 EA 16" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,892.08	550.79
<i>For Class 52 Rating, Deduct</i>	-1,106.33	
<i>For Class 54 Rating, Add</i>	1,518.65	
<i>For Class 55 Rating, Add</i>	2,262.86	
<i>For Class 56 Rating, Add</i>	2,997.02	
40 05 19 00-3334 EA 16" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,228.20	553.33
<i>For Class 52 Rating, Deduct</i>	-1,142.88	
<i>For Class 54 Rating, Add</i>	1,568.53	
<i>For Class 55 Rating, Add</i>	2,337.05	
<i>For Class 56 Rating, Add</i>	3,095.18	
40 05 19 00-3335 EA 16" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,564.33	555.89
<i>For Class 52 Rating, Deduct</i>	-1,179.43	
<i>For Class 54 Rating, Add</i>	1,618.42	
<i>For Class 55 Rating, Add</i>	2,411.24	
<i>For Class 56 Rating, Add</i>	3,193.33	
40 05 19 00-3336 EA 16" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,900.46	558.44
<i>For Class 52 Rating, Deduct</i>	-1,215.98	
<i>For Class 54 Rating, Add</i>	1,668.31	
<i>For Class 55 Rating, Add</i>	2,485.43	
<i>For Class 56 Rating, Add</i>	3,291.49	
40 05 19 00-3337 EA 16" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,236.60	560.99
<i>For Class 52 Rating, Deduct</i>	-1,252.53	
<i>For Class 54 Rating, Add</i>	1,718.19	
<i>For Class 55 Rating, Add</i>	2,559.62	
<i>For Class 56 Rating, Add</i>	3,389.65	
40 05 19 00-3338 EA 16" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,572.74	563.53
<i>For Class 52 Rating, Deduct</i>	-1,289.08	
<i>For Class 54 Rating, Add</i>	1,768.08	
<i>For Class 55 Rating, Add</i>	2,633.80	
<i>For Class 56 Rating, Add</i>	3,487.81	
40 05 19 00-3339 EA 16" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,908.87	566.09
<i>For Class 52 Rating, Deduct</i>	-1,325.63	
<i>For Class 54 Rating, Add</i>	1,817.97	
<i>For Class 55 Rating, Add</i>	2,707.99	
<i>For Class 56 Rating, Add</i>	3,585.97	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3340	EA		16" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,245.00	568.64
			<i>For Class 52 Rating, Deduct</i>	-1,362.18	
			<i>For Class 54 Rating, Add</i>	1,867.85	
			<i>For Class 55 Rating, Add</i>	2,782.18	
			<i>For Class 56 Rating, Add</i>	3,684.13	
40 05 19 00-3341	EA		16" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,581.14	571.18
			<i>For Class 52 Rating, Deduct</i>	-1,398.73	
			<i>For Class 54 Rating, Add</i>	1,917.74	
			<i>For Class 55 Rating, Add</i>	2,856.37	
			<i>For Class 56 Rating, Add</i>	3,782.29	
40 05 19 00-3342	EA		16" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,917.27	573.74
			<i>For Class 52 Rating, Deduct</i>	-1,435.28	
			<i>For Class 54 Rating, Add</i>	1,967.63	
			<i>For Class 55 Rating, Add</i>	2,930.56	
			<i>For Class 56 Rating, Add</i>	3,880.45	
40 05 19 00-3343	EA		16" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,253.40	576.29
			<i>For Class 52 Rating, Deduct</i>	-1,471.83	
			<i>For Class 54 Rating, Add</i>	2,017.51	
			<i>For Class 55 Rating, Add</i>	3,004.75	
			<i>For Class 56 Rating, Add</i>	3,978.60	
40 05 19 00-3344	EA		16" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,589.53	578.83
			<i>For Class 52 Rating, Deduct</i>	-1,508.38	
			<i>For Class 54 Rating, Add</i>	2,067.40	
			<i>For Class 55 Rating, Add</i>	3,078.94	
			<i>For Class 56 Rating, Add</i>	4,076.76	
40 05 19 00-3345	EA		16" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,925.67	581.38
			<i>For Class 52 Rating, Deduct</i>	-1,544.93	
			<i>For Class 54 Rating, Add</i>	2,117.29	
			<i>For Class 55 Rating, Add</i>	3,153.13	
			<i>For Class 56 Rating, Add</i>	4,174.92	
40 05 19 00-3346	EA		16" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,261.80	583.94
			<i>For Class 52 Rating, Deduct</i>	-1,581.48	
			<i>For Class 54 Rating, Add</i>	2,167.17	
			<i>For Class 55 Rating, Add</i>	3,227.32	
			<i>For Class 56 Rating, Add</i>	4,273.08	
40 05 19 00-3347			18" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3348	EA		18" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,276.97	551.81
			<i>For Class 52 Rating, Deduct</i>	-268.50	
			<i>For Class 54 Rating, Add</i>	376.17	
			<i>For Class 55 Rating, Add</i>	564.39	
			<i>For Class 56 Rating, Add</i>	750.16	
40 05 19 00-3349	EA		18" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	3,664.22	554.36
			<i>For Class 52 Rating, Deduct</i>	-310.67	
			<i>For Class 54 Rating, Add</i>	433.72	
			<i>For Class 55 Rating, Add</i>	649.97	
			<i>For Class 56 Rating, Add</i>	863.40	
40 05 19 00-3350	EA		18" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,051.48	556.90
			<i>For Class 52 Rating, Deduct</i>	-352.84	
			<i>For Class 54 Rating, Add</i>	491.28	
			<i>For Class 55 Rating, Add</i>	735.56	
			<i>For Class 56 Rating, Add</i>	976.64	
40 05 19 00-3351	EA		18" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,438.74	559.46
			<i>For Class 52 Rating, Deduct</i>	-395.02	
			<i>For Class 54 Rating, Add</i>	548.83	
			<i>For Class 55 Rating, Add</i>	821.15	
			<i>For Class 56 Rating, Add</i>	1,089.88	
40 05 19 00-3352	EA		18" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,825.99	562.01
			<i>For Class 52 Rating, Deduct</i>	-437.19	
			<i>For Class 54 Rating, Add</i>	606.39	
			<i>For Class 55 Rating, Add</i>	906.74	
			<i>For Class 56 Rating, Add</i>	1,203.12	
40 05 19 00-3353	EA		18" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,213.23	564.55
			<i>For Class 52 Rating, Deduct</i>	-479.36	
			<i>For Class 54 Rating, Add</i>	663.94	
			<i>For Class 55 Rating, Add</i>	992.33	
			<i>For Class 56 Rating, Add</i>	1,316.36	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3354 EA 18" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,600.49	567.11
<i>For Class 52 Rating, Deduct</i>	-521.54	
<i>For Class 54 Rating, Add</i>	721.50	
<i>For Class 55 Rating, Add</i>	1,077.92	
<i>For Class 56 Rating, Add</i>	1,429.60	
40 05 19 00-3355 EA 18" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,987.74	569.65
<i>For Class 52 Rating, Deduct</i>	-563.71	
<i>For Class 54 Rating, Add</i>	779.05	
<i>For Class 55 Rating, Add</i>	1,163.51	
<i>For Class 56 Rating, Add</i>	1,542.84	
40 05 19 00-3356 EA 18" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,374.99	572.21
<i>For Class 52 Rating, Deduct</i>	-605.88	
<i>For Class 54 Rating, Add</i>	836.61	
<i>For Class 55 Rating, Add</i>	1,249.09	
<i>For Class 56 Rating, Add</i>	1,656.07	
40 05 19 00-3357 EA 18" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,762.24	574.75
<i>For Class 52 Rating, Deduct</i>	-648.05	
<i>For Class 54 Rating, Add</i>	894.16	
<i>For Class 55 Rating, Add</i>	1,334.68	
<i>For Class 56 Rating, Add</i>	1,769.31	
40 05 19 00-3358 EA 18" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,149.49	577.31
<i>For Class 52 Rating, Deduct</i>	-690.23	
<i>For Class 54 Rating, Add</i>	951.71	
<i>For Class 55 Rating, Add</i>	1,420.27	
<i>For Class 56 Rating, Add</i>	1,882.55	
40 05 19 00-3359 EA 18" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,536.74	579.86
<i>For Class 52 Rating, Deduct</i>	-732.40	
<i>For Class 54 Rating, Add</i>	1,009.27	
<i>For Class 55 Rating, Add</i>	1,505.86	
<i>For Class 56 Rating, Add</i>	1,995.79	
40 05 19 00-3360 EA 18" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,924.00	582.41
<i>For Class 52 Rating, Deduct</i>	-774.57	
<i>For Class 54 Rating, Add</i>	1,066.82	
<i>For Class 55 Rating, Add</i>	1,591.45	
<i>For Class 56 Rating, Add</i>	2,109.03	
40 05 19 00-3361 EA 18" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,311.25	584.95
<i>For Class 52 Rating, Deduct</i>	-816.74	
<i>For Class 54 Rating, Add</i>	1,124.38	
<i>For Class 55 Rating, Add</i>	1,677.04	
<i>For Class 56 Rating, Add</i>	2,222.27	
40 05 19 00-3362 EA 18" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,698.51	587.51
<i>For Class 52 Rating, Deduct</i>	-858.92	
<i>For Class 54 Rating, Add</i>	1,181.93	
<i>For Class 55 Rating, Add</i>	1,762.62	
<i>For Class 56 Rating, Add</i>	2,335.51	
40 05 19 00-3363 EA 18" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,085.75	590.06
<i>For Class 52 Rating, Deduct</i>	-901.09	
<i>For Class 54 Rating, Add</i>	1,239.49	
<i>For Class 55 Rating, Add</i>	1,848.21	
<i>For Class 56 Rating, Add</i>	2,448.74	
40 05 19 00-3364 EA 18" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,473.00	592.60
<i>For Class 52 Rating, Deduct</i>	-943.26	
<i>For Class 54 Rating, Add</i>	1,297.04	
<i>For Class 55 Rating, Add</i>	1,933.80	
<i>For Class 56 Rating, Add</i>	2,561.98	
40 05 19 00-3365 EA 18" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,860.25	595.16
<i>For Class 52 Rating, Deduct</i>	-985.44	
<i>For Class 54 Rating, Add</i>	1,354.60	
<i>For Class 55 Rating, Add</i>	2,019.39	
<i>For Class 56 Rating, Add</i>	2,675.22	
40 05 19 00-3366 EA 18" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,247.51	597.70
<i>For Class 52 Rating, Deduct</i>	-1,027.61	
<i>For Class 54 Rating, Add</i>	1,412.15	
<i>For Class 55 Rating, Add</i>	2,104.98	
<i>For Class 56 Rating, Add</i>	2,788.46	
40 05 19 00-3367 EA 18" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,634.76	600.25
<i>For Class 52 Rating, Deduct</i>	-1,069.78	
<i>For Class 54 Rating, Add</i>	1,469.71	
<i>For Class 55 Rating, Add</i>	2,190.56	
<i>For Class 56 Rating, Add</i>	2,901.70	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3368	EA		18" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	11,022.00	602.80
			<i>For Class 52 Rating, Deduct</i>	-1,111.95	
			<i>For Class 54 Rating, Add</i>	1,527.26	
			<i>For Class 55 Rating, Add</i>	2,276.15	
			<i>For Class 56 Rating, Add</i>	3,014.93	
40 05 19 00-3369	EA		18" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	11,409.26	605.36
			<i>For Class 52 Rating, Deduct</i>	-1,154.13	
			<i>For Class 54 Rating, Add</i>	1,584.81	
			<i>For Class 55 Rating, Add</i>	2,361.74	
			<i>For Class 56 Rating, Add</i>	3,128.17	
40 05 19 00-3370	EA		18" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	11,796.52	607.91
			<i>For Class 52 Rating, Deduct</i>	-1,196.30	
			<i>For Class 54 Rating, Add</i>	1,642.37	
			<i>For Class 55 Rating, Add</i>	2,447.33	
			<i>For Class 56 Rating, Add</i>	3,241.41	
40 05 19 00-3371	EA		18" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	12,183.77	610.46
			<i>For Class 52 Rating, Deduct</i>	-1,238.47	
			<i>For Class 54 Rating, Add</i>	1,699.92	
			<i>For Class 55 Rating, Add</i>	2,532.92	
			<i>For Class 56 Rating, Add</i>	3,354.65	
40 05 19 00-3372	EA		18" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	12,571.02	613.00
			<i>For Class 52 Rating, Deduct</i>	-1,280.64	
			<i>For Class 54 Rating, Add</i>	1,757.48	
			<i>For Class 55 Rating, Add</i>	2,618.51	
			<i>For Class 56 Rating, Add</i>	3,467.89	
40 05 19 00-3373	EA		18" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	12,958.26	615.56
			<i>For Class 52 Rating, Deduct</i>	-1,322.82	
			<i>For Class 54 Rating, Add</i>	1,815.03	
			<i>For Class 55 Rating, Add</i>	2,704.09	
			<i>For Class 56 Rating, Add</i>	3,581.13	
40 05 19 00-3374	EA		18" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	13,345.52	618.11
			<i>For Class 52 Rating, Deduct</i>	-1,364.99	
			<i>For Class 54 Rating, Add</i>	1,872.59	
			<i>For Class 55 Rating, Add</i>	2,789.68	
			<i>For Class 56 Rating, Add</i>	3,694.37	
40 05 19 00-3375	EA		18" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	13,732.77	620.65
			<i>For Class 52 Rating, Deduct</i>	-1,407.16	
			<i>For Class 54 Rating, Add</i>	1,930.14	
			<i>For Class 55 Rating, Add</i>	2,875.27	
			<i>For Class 56 Rating, Add</i>	3,807.61	
40 05 19 00-3376	EA		18" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	14,120.02	623.21
			<i>For Class 52 Rating, Deduct</i>	-1,449.33	
			<i>For Class 54 Rating, Add</i>	1,987.70	
			<i>For Class 55 Rating, Add</i>	2,960.86	
			<i>For Class 56 Rating, Add</i>	3,920.85	
40 05 19 00-3377	EA		18" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	14,507.27	625.75
			<i>For Class 52 Rating, Deduct</i>	-1,491.51	
			<i>For Class 54 Rating, Add</i>	2,045.25	
			<i>For Class 55 Rating, Add</i>	3,046.45	
			<i>For Class 56 Rating, Add</i>	4,034.08	
40 05 19 00-3378	EA		18" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	14,894.53	628.30
			<i>For Class 52 Rating, Deduct</i>	-1,533.68	
			<i>For Class 54 Rating, Add</i>	2,102.80	
			<i>For Class 55 Rating, Add</i>	3,132.03	
			<i>For Class 56 Rating, Add</i>	4,147.32	
40 05 19 00-3379	EA		18" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	15,281.78	630.85
			<i>For Class 52 Rating, Deduct</i>	-1,575.85	
			<i>For Class 54 Rating, Add</i>	2,160.36	
			<i>For Class 55 Rating, Add</i>	3,217.62	
			<i>For Class 56 Rating, Add</i>	4,260.56	
40 05 19 00-3380	EA		18" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	15,669.03	633.41
			<i>For Class 52 Rating, Deduct</i>	-1,618.03	
			<i>For Class 54 Rating, Add</i>	2,217.91	
			<i>For Class 55 Rating, Add</i>	3,303.21	
			<i>For Class 56 Rating, Add</i>	4,373.80	
40 05 19 00-3381	EA		18" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	16,056.28	635.96
			<i>For Class 52 Rating, Deduct</i>	-1,660.20	
			<i>For Class 54 Rating, Add</i>	2,275.47	
			<i>For Class 55 Rating, Add</i>	3,388.80	
			<i>For Class 56 Rating, Add</i>	4,487.04	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3382 EA 18" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,443.53	638.51
<i>For Class 52 Rating, Deduct</i>	-1,702.37	
<i>For Class 54 Rating, Add</i>	2,333.02	
<i>For Class 55 Rating, Add</i>	3,474.39	
<i>For Class 56 Rating, Add</i>	4,600.28	
40 05 19 00-3383 EA 18" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,830.78	641.05
<i>For Class 52 Rating, Deduct</i>	-1,744.54	
<i>For Class 54 Rating, Add</i>	2,390.58	
<i>For Class 55 Rating, Add</i>	3,559.98	
<i>For Class 56 Rating, Add</i>	4,713.51	
40 05 19 00-3384 EA 18" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,218.03	643.61
<i>For Class 52 Rating, Deduct</i>	-1,786.72	
<i>For Class 54 Rating, Add</i>	2,448.13	
<i>For Class 55 Rating, Add</i>	3,645.56	
<i>For Class 56 Rating, Add</i>	4,826.75	
40 05 19 00-3385 EA 18" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,605.28	646.15
<i>For Class 52 Rating, Deduct</i>	-1,828.89	
<i>For Class 54 Rating, Add</i>	2,505.69	
<i>For Class 55 Rating, Add</i>	3,731.15	
<i>For Class 56 Rating, Add</i>	4,939.99	
40 05 19 00-3386 20" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3387 EA 20" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	3,816.92	629.84
<i>For Class 52 Rating, Deduct</i>	-314.89	
<i>For Class 54 Rating, Add</i>	440.85	
<i>For Class 55 Rating, Add</i>	661.27	
<i>For Class 56 Rating, Add</i>	878.83	
40 05 19 00-3388 EA 20" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,257.84	632.39
<i>For Class 52 Rating, Deduct</i>	-362.97	
<i>For Class 54 Rating, Add</i>	506.45	
<i>For Class 55 Rating, Add</i>	758.83	
<i>For Class 56 Rating, Add</i>	1,007.90	
40 05 19 00-3389 EA 20" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	4,698.79	634.93
<i>For Class 52 Rating, Deduct</i>	-411.04	
<i>For Class 54 Rating, Add</i>	572.06	
<i>For Class 55 Rating, Add</i>	856.39	
<i>For Class 56 Rating, Add</i>	1,136.98	
40 05 19 00-3390 EA 20" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,139.71	637.48
<i>For Class 52 Rating, Deduct</i>	-459.12	
<i>For Class 54 Rating, Add</i>	637.66	
<i>For Class 55 Rating, Add</i>	953.94	
<i>For Class 56 Rating, Add</i>	1,266.05	
40 05 19 00-3391 EA 20" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	5,580.63	640.04
<i>For Class 52 Rating, Deduct</i>	-507.20	
<i>For Class 54 Rating, Add</i>	703.27	
<i>For Class 55 Rating, Add</i>	1,051.50	
<i>For Class 56 Rating, Add</i>	1,395.12	
40 05 19 00-3392 EA 20" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,021.55	642.58
<i>For Class 52 Rating, Deduct</i>	-555.27	
<i>For Class 54 Rating, Add</i>	768.87	
<i>For Class 55 Rating, Add</i>	1,149.06	
<i>For Class 56 Rating, Add</i>	1,524.19	
40 05 19 00-3393 EA 20" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,462.48	645.14
<i>For Class 52 Rating, Deduct</i>	-603.35	
<i>For Class 54 Rating, Add</i>	834.48	
<i>For Class 55 Rating, Add</i>	1,246.61	
<i>For Class 56 Rating, Add</i>	1,653.26	
40 05 19 00-3394 EA 20" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	6,903.41	647.69
<i>For Class 52 Rating, Deduct</i>	-651.43	
<i>For Class 54 Rating, Add</i>	900.09	
<i>For Class 55 Rating, Add</i>	1,344.17	
<i>For Class 56 Rating, Add</i>	1,782.34	
40 05 19 00-3395 EA 20" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	7,344.33	650.24
<i>For Class 52 Rating, Deduct</i>	-699.50	
<i>For Class 54 Rating, Add</i>	965.69	
<i>For Class 55 Rating, Add</i>	1,441.73	
<i>For Class 56 Rating, Add</i>	1,911.41	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3396	EA		20" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	7,785.25	652.78
			<i>For Class 52 Rating, Deduct</i>	-747.58	
			<i>For Class 54 Rating, Add</i>	1,031.30	
			<i>For Class 55 Rating, Add</i>	1,539.29	
			<i>For Class 56 Rating, Add</i>	2,040.48	
40 05 19 00-3397	EA		20" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	8,226.18	655.33
			<i>For Class 52 Rating, Deduct</i>	-795.66	
			<i>For Class 54 Rating, Add</i>	1,096.90	
			<i>For Class 55 Rating, Add</i>	1,636.85	
			<i>For Class 56 Rating, Add</i>	2,169.55	
40 05 19 00-3398	EA		20" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	8,667.12	657.89
			<i>For Class 52 Rating, Deduct</i>	-843.74	
			<i>For Class 54 Rating, Add</i>	1,162.51	
			<i>For Class 55 Rating, Add</i>	1,734.40	
			<i>For Class 56 Rating, Add</i>	2,298.63	
40 05 19 00-3399	EA		20" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	9,108.04	660.43
			<i>For Class 52 Rating, Deduct</i>	-891.81	
			<i>For Class 54 Rating, Add</i>	1,228.11	
			<i>For Class 55 Rating, Add</i>	1,831.96	
			<i>For Class 56 Rating, Add</i>	2,427.70	
40 05 19 00-3400	EA		20" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	9,548.96	662.98
			<i>For Class 52 Rating, Deduct</i>	-939.89	
			<i>For Class 54 Rating, Add</i>	1,293.72	
			<i>For Class 55 Rating, Add</i>	1,929.52	
			<i>For Class 56 Rating, Add</i>	2,556.77	
40 05 19 00-3401	EA		20" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	9,989.89	665.53
			<i>For Class 52 Rating, Deduct</i>	-987.97	
			<i>For Class 54 Rating, Add</i>	1,359.33	
			<i>For Class 55 Rating, Add</i>	2,027.08	
			<i>For Class 56 Rating, Add</i>	2,685.84	
40 05 19 00-3402	EA		20" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	10,430.82	668.09
			<i>For Class 52 Rating, Deduct</i>	-1,036.04	
			<i>For Class 54 Rating, Add</i>	1,424.93	
			<i>For Class 55 Rating, Add</i>	2,124.64	
			<i>For Class 56 Rating, Add</i>	2,814.92	
40 05 19 00-3403	EA		20" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	10,871.74	670.63
			<i>For Class 52 Rating, Deduct</i>	-1,084.12	
			<i>For Class 54 Rating, Add</i>	1,490.54	
			<i>For Class 55 Rating, Add</i>	2,222.19	
			<i>For Class 56 Rating, Add</i>	2,943.99	
40 05 19 00-3404	EA		20" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	11,312.66	673.19
			<i>For Class 52 Rating, Deduct</i>	-1,132.20	
			<i>For Class 54 Rating, Add</i>	1,556.14	
			<i>For Class 55 Rating, Add</i>	2,319.75	
			<i>For Class 56 Rating, Add</i>	3,073.06	
40 05 19 00-3405	EA		20" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	11,753.59	675.74
			<i>For Class 52 Rating, Deduct</i>	-1,180.27	
			<i>For Class 54 Rating, Add</i>	1,621.75	
			<i>For Class 55 Rating, Add</i>	2,417.31	
			<i>For Class 56 Rating, Add</i>	3,202.13	
40 05 19 00-3406	EA		20" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	12,194.51	678.29
			<i>For Class 52 Rating, Deduct</i>	-1,228.35	
			<i>For Class 54 Rating, Add</i>	1,687.35	
			<i>For Class 55 Rating, Add</i>	2,514.86	
			<i>For Class 56 Rating, Add</i>	3,331.21	
40 05 19 00-3407	EA		20" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	12,635.45	680.83
			<i>For Class 52 Rating, Deduct</i>	-1,276.43	
			<i>For Class 54 Rating, Add</i>	1,752.96	
			<i>For Class 55 Rating, Add</i>	2,612.42	
			<i>For Class 56 Rating, Add</i>	3,460.28	
40 05 19 00-3408	EA		20" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	13,076.37	683.38
			<i>For Class 52 Rating, Deduct</i>	-1,324.50	
			<i>For Class 54 Rating, Add</i>	1,818.57	
			<i>For Class 55 Rating, Add</i>	2,709.98	
			<i>For Class 56 Rating, Add</i>	3,589.35	
40 05 19 00-3409	EA		20" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	13,517.30	685.94
			<i>For Class 52 Rating, Deduct</i>	-1,372.58	
			<i>For Class 54 Rating, Add</i>	1,884.17	
			<i>For Class 55 Rating, Add</i>	2,807.54	
			<i>For Class 56 Rating, Add</i>	3,718.42	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3410 EA 20" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,958.22	688.48
<i>For Class 52 Rating, Deduct</i>	-1,420.66	
<i>For Class 54 Rating, Add</i>	1,949.78	
<i>For Class 55 Rating, Add</i>	2,905.09	
<i>For Class 56 Rating, Add</i>	3,847.50	
40 05 19 00-3411 EA 20" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,399.15	691.03
<i>For Class 52 Rating, Deduct</i>	-1,468.73	
<i>For Class 54 Rating, Add</i>	2,015.38	
<i>For Class 55 Rating, Add</i>	3,002.65	
<i>For Class 56 Rating, Add</i>	3,976.57	
40 05 19 00-3412 EA 20" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,840.07	693.58
<i>For Class 52 Rating, Deduct</i>	-1,516.81	
<i>For Class 54 Rating, Add</i>	2,080.99	
<i>For Class 55 Rating, Add</i>	3,100.21	
<i>For Class 56 Rating, Add</i>	4,105.64	
40 05 19 00-3413 EA 20" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,281.00	696.14
<i>For Class 52 Rating, Deduct</i>	-1,564.89	
<i>For Class 54 Rating, Add</i>	2,146.59	
<i>For Class 55 Rating, Add</i>	3,197.77	
<i>For Class 56 Rating, Add</i>	4,234.71	
40 05 19 00-3414 EA 20" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,721.92	698.68
<i>For Class 52 Rating, Deduct</i>	-1,612.96	
<i>For Class 54 Rating, Add</i>	2,212.20	
<i>For Class 55 Rating, Add</i>	3,295.32	
<i>For Class 56 Rating, Add</i>	4,363.79	
40 05 19 00-3415 EA 20" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,162.85	701.24
<i>For Class 52 Rating, Deduct</i>	-1,661.04	
<i>For Class 54 Rating, Add</i>	2,277.81	
<i>For Class 55 Rating, Add</i>	3,392.88	
<i>For Class 56 Rating, Add</i>	4,492.86	
40 05 19 00-3416 EA 20" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,603.78	703.79
<i>For Class 52 Rating, Deduct</i>	-1,709.12	
<i>For Class 54 Rating, Add</i>	2,343.41	
<i>For Class 55 Rating, Add</i>	3,490.44	
<i>For Class 56 Rating, Add</i>	4,621.93	
40 05 19 00-3417 EA 20" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,044.71	706.32
<i>For Class 52 Rating, Deduct</i>	-1,757.20	
<i>For Class 54 Rating, Add</i>	2,409.02	
<i>For Class 55 Rating, Add</i>	3,588.00	
<i>For Class 56 Rating, Add</i>	4,751.01	
40 05 19 00-3418 EA 20" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,485.63	708.88
<i>For Class 52 Rating, Deduct</i>	-1,805.27	
<i>For Class 54 Rating, Add</i>	2,474.62	
<i>For Class 55 Rating, Add</i>	3,685.56	
<i>For Class 56 Rating, Add</i>	4,880.08	
40 05 19 00-3419 EA 20" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,926.55	711.43
<i>For Class 52 Rating, Deduct</i>	-1,853.35	
<i>For Class 54 Rating, Add</i>	2,540.23	
<i>For Class 55 Rating, Add</i>	3,783.11	
<i>For Class 56 Rating, Add</i>	5,009.15	
40 05 19 00-3420 EA 20" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	18,367.48	713.99
<i>For Class 52 Rating, Deduct</i>	-1,901.43	
<i>For Class 54 Rating, Add</i>	2,605.83	
<i>For Class 55 Rating, Add</i>	3,880.67	
<i>For Class 56 Rating, Add</i>	5,138.22	
40 05 19 00-3421 EA 20" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	18,808.41	716.53
<i>For Class 52 Rating, Deduct</i>	-1,949.50	
<i>For Class 54 Rating, Add</i>	2,671.44	
<i>For Class 55 Rating, Add</i>	3,978.23	
<i>For Class 56 Rating, Add</i>	5,267.30	
40 05 19 00-3422 EA 20" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	19,249.33	719.09
<i>For Class 52 Rating, Deduct</i>	-1,997.58	
<i>For Class 54 Rating, Add</i>	2,737.05	
<i>For Class 55 Rating, Add</i>	4,075.79	
<i>For Class 56 Rating, Add</i>	5,396.37	
40 05 19 00-3423 EA 20" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	19,690.25	721.63
<i>For Class 52 Rating, Deduct</i>	-2,045.66	
<i>For Class 54 Rating, Add</i>	2,802.65	
<i>For Class 55 Rating, Add</i>	4,173.34	
<i>For Class 56 Rating, Add</i>	5,525.44	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3424	EA		20" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,131.18	724.18
			<i>For Class 52 Rating, Deduct</i>	-2,093.73	
			<i>For Class 54 Rating, Add</i>	2,868.26	
			<i>For Class 55 Rating, Add</i>	4,270.90	
			<i>For Class 56 Rating, Add</i>	5,654.51	
40 05 19 00-3425			24" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3426	EA		24" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	4,701.33	744.58
			<i>For Class 52 Rating, Deduct</i>	-393.05	
			<i>For Class 54 Rating, Add</i>	549.51	
			<i>For Class 55 Rating, Add</i>	823.89	
			<i>For Class 56 Rating, Add</i>	1,094.70	
40 05 19 00-3427	EA		24" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,247.04	747.14
			<i>For Class 52 Rating, Deduct</i>	-452.65	
			<i>For Class 54 Rating, Add</i>	630.84	
			<i>For Class 55 Rating, Add</i>	944.82	
			<i>For Class 56 Rating, Add</i>	1,254.69	
40 05 19 00-3428	EA		24" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	5,792.78	749.68
			<i>For Class 52 Rating, Deduct</i>	-512.26	
			<i>For Class 54 Rating, Add</i>	712.16	
			<i>For Class 55 Rating, Add</i>	1,065.75	
			<i>For Class 56 Rating, Add</i>	1,414.67	
40 05 19 00-3429	EA		24" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,338.49	752.23
			<i>For Class 52 Rating, Deduct</i>	-571.86	
			<i>For Class 54 Rating, Add</i>	793.49	
			<i>For Class 55 Rating, Add</i>	1,186.67	
			<i>For Class 56 Rating, Add</i>	1,574.66	
40 05 19 00-3430	EA		24" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	6,884.21	754.78
			<i>For Class 52 Rating, Deduct</i>	-631.47	
			<i>For Class 54 Rating, Add</i>	874.81	
			<i>For Class 55 Rating, Add</i>	1,307.60	
			<i>For Class 56 Rating, Add</i>	1,734.65	
40 05 19 00-3431	EA		24" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,429.92	757.34
			<i>For Class 52 Rating, Deduct</i>	-691.07	
			<i>For Class 54 Rating, Add</i>	956.14	
			<i>For Class 55 Rating, Add</i>	1,428.53	
			<i>For Class 56 Rating, Add</i>	1,894.63	
40 05 19 00-3432	EA		24" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,975.65	759.89
			<i>For Class 52 Rating, Deduct</i>	-750.67	
			<i>For Class 54 Rating, Add</i>	1,037.46	
			<i>For Class 55 Rating, Add</i>	1,549.45	
			<i>For Class 56 Rating, Add</i>	2,054.62	
40 05 19 00-3433	EA		24" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	8,521.36	762.42
			<i>For Class 52 Rating, Deduct</i>	-810.28	
			<i>For Class 54 Rating, Add</i>	1,118.79	
			<i>For Class 55 Rating, Add</i>	1,670.38	
			<i>For Class 56 Rating, Add</i>	2,214.60	
40 05 19 00-3434	EA		24" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,067.08	764.98
			<i>For Class 52 Rating, Deduct</i>	-869.88	
			<i>For Class 54 Rating, Add</i>	1,200.11	
			<i>For Class 55 Rating, Add</i>	1,791.31	
			<i>For Class 56 Rating, Add</i>	2,374.59	
40 05 19 00-3435	EA		24" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,612.79	767.53
			<i>For Class 52 Rating, Deduct</i>	-929.49	
			<i>For Class 54 Rating, Add</i>	1,281.44	
			<i>For Class 55 Rating, Add</i>	1,912.23	
			<i>For Class 56 Rating, Add</i>	2,534.58	
40 05 19 00-3436	EA		24" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,158.52	770.08
			<i>For Class 52 Rating, Deduct</i>	-989.09	
			<i>For Class 54 Rating, Add</i>	1,362.76	
			<i>For Class 55 Rating, Add</i>	2,033.16	
			<i>For Class 56 Rating, Add</i>	2,694.56	
40 05 19 00-3437	EA		24" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	10,704.24	772.63
			<i>For Class 52 Rating, Deduct</i>	-1,048.69	
			<i>For Class 54 Rating, Add</i>	1,444.08	
			<i>For Class 55 Rating, Add</i>	2,154.08	
			<i>For Class 56 Rating, Add</i>	2,854.55	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3438 EA 24" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,249.96	775.19
<i>For Class 52 Rating, Deduct</i>	-1,108.30	
<i>For Class 54 Rating, Add</i>	1,525.41	
<i>For Class 55 Rating, Add</i>	2,275.01	
<i>For Class 56 Rating, Add</i>	3,014.54	
40 05 19 00-3439 EA 24" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,795.67	777.73
<i>For Class 52 Rating, Deduct</i>	-1,167.90	
<i>For Class 54 Rating, Add</i>	1,606.73	
<i>For Class 55 Rating, Add</i>	2,395.94	
<i>For Class 56 Rating, Add</i>	3,174.52	
40 05 19 00-3440 EA 24" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,341.40	780.28
<i>For Class 52 Rating, Deduct</i>	-1,227.51	
<i>For Class 54 Rating, Add</i>	1,688.06	
<i>For Class 55 Rating, Add</i>	2,516.86	
<i>For Class 56 Rating, Add</i>	3,334.51	
40 05 19 00-3441 EA 24" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,887.11	782.83
<i>For Class 52 Rating, Deduct</i>	-1,287.11	
<i>For Class 54 Rating, Add</i>	1,769.38	
<i>For Class 55 Rating, Add</i>	2,637.79	
<i>For Class 56 Rating, Add</i>	3,494.49	
40 05 19 00-3442 EA 24" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,432.83	785.39
<i>For Class 52 Rating, Deduct</i>	-1,346.71	
<i>For Class 54 Rating, Add</i>	1,850.71	
<i>For Class 55 Rating, Add</i>	2,758.72	
<i>For Class 56 Rating, Add</i>	3,654.48	
40 05 19 00-3443 EA 24" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,978.54	787.93
<i>For Class 52 Rating, Deduct</i>	-1,406.32	
<i>For Class 54 Rating, Add</i>	1,932.03	
<i>For Class 55 Rating, Add</i>	2,879.64	
<i>For Class 56 Rating, Add</i>	3,814.47	
40 05 19 00-3444 EA 24" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,524.27	790.48
<i>For Class 52 Rating, Deduct</i>	-1,465.92	
<i>For Class 54 Rating, Add</i>	2,013.36	
<i>For Class 55 Rating, Add</i>	3,000.57	
<i>For Class 56 Rating, Add</i>	3,974.46	
40 05 19 00-3445 EA 24" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,069.98	793.03
<i>For Class 52 Rating, Deduct</i>	-1,525.53	
<i>For Class 54 Rating, Add</i>	2,094.68	
<i>For Class 55 Rating, Add</i>	3,121.50	
<i>For Class 56 Rating, Add</i>	4,134.44	
40 05 19 00-3446 EA 24" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,615.71	795.58
<i>For Class 52 Rating, Deduct</i>	-1,585.13	
<i>For Class 54 Rating, Add</i>	2,176.01	
<i>For Class 55 Rating, Add</i>	3,242.42	
<i>For Class 56 Rating, Add</i>	4,294.43	
40 05 19 00-3447 EA 24" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,161.42	798.13
<i>For Class 52 Rating, Deduct</i>	-1,644.73	
<i>For Class 54 Rating, Add</i>	2,257.33	
<i>For Class 55 Rating, Add</i>	3,363.35	
<i>For Class 56 Rating, Add</i>	4,454.41	
40 05 19 00-3448 EA 24" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,707.15	800.68
<i>For Class 52 Rating, Deduct</i>	-1,704.34	
<i>For Class 54 Rating, Add</i>	2,338.66	
<i>For Class 55 Rating, Add</i>	3,484.28	
<i>For Class 56 Rating, Add</i>	4,614.40	
40 05 19 00-3449 EA 24" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,252.86	803.24
<i>For Class 52 Rating, Deduct</i>	-1,763.94	
<i>For Class 54 Rating, Add</i>	2,419.98	
<i>For Class 55 Rating, Add</i>	3,605.20	
<i>For Class 56 Rating, Add</i>	4,774.39	
40 05 19 00-3450 EA 24" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,798.58	805.78
<i>For Class 52 Rating, Deduct</i>	-1,823.55	
<i>For Class 54 Rating, Add</i>	2,501.31	
<i>For Class 55 Rating, Add</i>	3,726.13	
<i>For Class 56 Rating, Add</i>	4,934.37	
40 05 19 00-3451 EA 24" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	18,344.29	808.33
<i>For Class 52 Rating, Deduct</i>	-1,883.15	
<i>For Class 54 Rating, Add</i>	2,582.63	
<i>For Class 55 Rating, Add</i>	3,847.05	
<i>For Class 56 Rating, Add</i>	5,094.36	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3452	EA		24" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	18,890.02	810.88
			<i>For Class 52 Rating, Deduct</i>	-1,942.76	
			<i>For Class 54 Rating, Add</i>	2,663.95	
			<i>For Class 55 Rating, Add</i>	3,967.98	
			<i>For Class 56 Rating, Add</i>	5,254.35	
40 05 19 00-3453	EA		24" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,435.73	813.44
			<i>For Class 52 Rating, Deduct</i>	-2,002.36	
			<i>For Class 54 Rating, Add</i>	2,745.28	
			<i>For Class 55 Rating, Add</i>	4,088.91	
			<i>For Class 56 Rating, Add</i>	5,414.33	
40 05 19 00-3454	EA		24" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	19,981.45	815.98
			<i>For Class 52 Rating, Deduct</i>	-2,061.96	
			<i>For Class 54 Rating, Add</i>	2,826.60	
			<i>For Class 55 Rating, Add</i>	4,209.83	
			<i>For Class 56 Rating, Add</i>	5,574.32	
40 05 19 00-3455	EA		24" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	20,592.84	861.87
			<i>For Class 52 Rating, Deduct</i>	-2,121.57	
			<i>For Class 54 Rating, Add</i>	2,908.72	
			<i>For Class 55 Rating, Add</i>	4,332.34	
			<i>For Class 56 Rating, Add</i>	5,736.67	
40 05 19 00-3456	EA		24" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,138.58	864.43
			<i>For Class 52 Rating, Deduct</i>	-2,181.17	
			<i>For Class 54 Rating, Add</i>	2,990.04	
			<i>For Class 55 Rating, Add</i>	4,453.26	
			<i>For Class 56 Rating, Add</i>	5,896.66	
40 05 19 00-3457	EA		24" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	21,684.29	866.98
			<i>For Class 52 Rating, Deduct</i>	-2,240.77	
			<i>For Class 54 Rating, Add</i>	3,071.37	
			<i>For Class 55 Rating, Add</i>	4,574.19	
			<i>For Class 56 Rating, Add</i>	6,056.64	
40 05 19 00-3458	EA		24" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,230.01	869.54
			<i>For Class 52 Rating, Deduct</i>	-2,300.38	
			<i>For Class 54 Rating, Add</i>	3,152.69	
			<i>For Class 55 Rating, Add</i>	4,695.12	
			<i>For Class 56 Rating, Add</i>	6,216.63	
40 05 19 00-3459	EA		24" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	22,775.72	872.08
			<i>For Class 52 Rating, Deduct</i>	-2,359.98	
			<i>For Class 54 Rating, Add</i>	3,234.01	
			<i>For Class 55 Rating, Add</i>	4,816.04	
			<i>For Class 56 Rating, Add</i>	6,376.61	
40 05 19 00-3460	EA		24" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	25,877.37	874.63
			<i>For Class 52 Rating, Deduct</i>	-2,700.74	
			<i>For Class 54 Rating, Add</i>	3,698.73	
			<i>For Class 55 Rating, Add</i>	5,506.94	
			<i>For Class 56 Rating, Add</i>	7,290.60	
40 05 19 00-3461	EA		24" Flanged x Plain End (FxPE), 18'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	23,867.16	877.18
			<i>For Class 52 Rating, Deduct</i>	-2,479.19	
			<i>For Class 54 Rating, Add</i>	3,396.66	
			<i>For Class 55 Rating, Add</i>	5,057.89	
			<i>For Class 56 Rating, Add</i>	6,696.59	
40 05 19 00-3462	EA		24" Flanged x Plain End (FxPE), 19'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,412.88	879.72
			<i>For Class 52 Rating, Deduct</i>	-2,538.80	
			<i>For Class 54 Rating, Add</i>	3,477.99	
			<i>For Class 55 Rating, Add</i>	5,178.82	
			<i>For Class 56 Rating, Add</i>	6,856.57	
40 05 19 00-3463	EA		24" Flanged x Plain End (FxPE), 19'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	24,958.59	882.28
			<i>For Class 52 Rating, Deduct</i>	-2,598.40	
			<i>For Class 54 Rating, Add</i>	3,559.31	
			<i>For Class 55 Rating, Add</i>	5,299.75	
			<i>For Class 56 Rating, Add</i>	7,016.56	
40 05 19 00-3464			30" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3465	EA		30" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	7,966.24	1,050.58
			<i>For Class 52 Rating, Deduct</i>	-701.19	
			<i>For Class 54 Rating, Add</i>	975.27	
			<i>For Class 55 Rating, Add</i>	1,459.71	
			<i>For Class 56 Rating, Add</i>	1,937.77	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3466 EA 30" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	8,747.11	1,053.12
<i>For Class 52 Rating, Deduct</i>	-786.66	
<i>For Class 54 Rating, Add</i>	1,091.87	
<i>For Class 55 Rating, Add</i>	1,633.07	
<i>For Class 56 Rating, Add</i>	2,167.12	
40 05 19 00-3467 EA 30" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	9,527.97	1,055.68
<i>For Class 52 Rating, Deduct</i>	-872.13	
<i>For Class 54 Rating, Add</i>	1,208.46	
<i>For Class 55 Rating, Add</i>	1,806.43	
<i>For Class 56 Rating, Add</i>	2,396.48	
40 05 19 00-3468 EA 30" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	10,308.83	1,058.23
<i>For Class 52 Rating, Deduct</i>	-957.60	
<i>For Class 54 Rating, Add</i>	1,325.06	
<i>For Class 55 Rating, Add</i>	1,979.80	
<i>For Class 56 Rating, Add</i>	2,625.83	
40 05 19 00-3469 EA 30" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,089.69	1,060.79
<i>For Class 52 Rating, Deduct</i>	-1,043.07	
<i>For Class 54 Rating, Add</i>	1,441.66	
<i>For Class 55 Rating, Add</i>	2,153.16	
<i>For Class 56 Rating, Add</i>	2,855.19	
40 05 19 00-3470 EA 30" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	11,870.56	1,063.32
<i>For Class 52 Rating, Deduct</i>	-1,128.54	
<i>For Class 54 Rating, Add</i>	1,558.25	
<i>For Class 55 Rating, Add</i>	2,326.53	
<i>For Class 56 Rating, Add</i>	3,084.54	
40 05 19 00-3471 EA 30" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	12,651.42	1,065.87
<i>For Class 52 Rating, Deduct</i>	-1,214.01	
<i>For Class 54 Rating, Add</i>	1,674.85	
<i>For Class 55 Rating, Add</i>	2,499.89	
<i>For Class 56 Rating, Add</i>	3,313.89	
40 05 19 00-3472 EA 30" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	13,432.28	1,068.43
<i>For Class 52 Rating, Deduct</i>	-1,299.48	
<i>For Class 54 Rating, Add</i>	1,791.44	
<i>For Class 55 Rating, Add</i>	2,673.25	
<i>For Class 56 Rating, Add</i>	3,543.25	
40 05 19 00-3473 EA 30" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,213.15	1,070.97
<i>For Class 52 Rating, Deduct</i>	-1,384.95	
<i>For Class 54 Rating, Add</i>	1,908.04	
<i>For Class 55 Rating, Add</i>	2,846.62	
<i>For Class 56 Rating, Add</i>	3,772.60	
40 05 19 00-3474 EA 30" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	14,994.02	1,073.53
<i>For Class 52 Rating, Deduct</i>	-1,470.42	
<i>For Class 54 Rating, Add</i>	2,024.64	
<i>For Class 55 Rating, Add</i>	3,019.98	
<i>For Class 56 Rating, Add</i>	4,001.96	
40 05 19 00-3475 EA 30" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	15,774.88	1,076.07
<i>For Class 52 Rating, Deduct</i>	-1,555.89	
<i>For Class 54 Rating, Add</i>	2,141.23	
<i>For Class 55 Rating, Add</i>	3,193.34	
<i>For Class 56 Rating, Add</i>	4,231.31	
40 05 19 00-3476 EA 30" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	16,555.74	1,078.63
<i>For Class 52 Rating, Deduct</i>	-1,641.36	
<i>For Class 54 Rating, Add</i>	2,257.83	
<i>For Class 55 Rating, Add</i>	3,366.71	
<i>For Class 56 Rating, Add</i>	4,460.66	
40 05 19 00-3477 EA 30" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	17,336.60	1,081.17
<i>For Class 52 Rating, Deduct</i>	-1,726.83	
<i>For Class 54 Rating, Add</i>	2,374.43	
<i>For Class 55 Rating, Add</i>	3,540.07	
<i>For Class 56 Rating, Add</i>	4,690.02	
40 05 19 00-3478 EA 30" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	18,117.47	1,083.73
<i>For Class 52 Rating, Deduct</i>	-1,812.30	
<i>For Class 54 Rating, Add</i>	2,491.02	
<i>For Class 55 Rating, Add</i>	3,713.44	
<i>For Class 56 Rating, Add</i>	4,919.37	
40 05 19 00-3479 EA 30" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	18,898.33	1,086.28
<i>For Class 52 Rating, Deduct</i>	-1,897.77	
<i>For Class 54 Rating, Add</i>	2,607.62	
<i>For Class 55 Rating, Add</i>	3,886.80	
<i>For Class 56 Rating, Add</i>	5,148.73	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3480	EA		30" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	19,679.19	1,088.82
			<i>For Class 52 Rating, Deduct</i>	-1,983.24	
			<i>For Class 54 Rating, Add</i>	2,724.22	
			<i>For Class 55 Rating, Add</i>	4,060.16	
			<i>For Class 56 Rating, Add</i>	5,378.08	
40 05 19 00-3481	EA		30" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	20,460.05	1,091.37
			<i>For Class 52 Rating, Deduct</i>	-2,068.71	
			<i>For Class 54 Rating, Add</i>	2,840.81	
			<i>For Class 55 Rating, Add</i>	4,233.53	
			<i>For Class 56 Rating, Add</i>	5,607.43	
40 05 19 00-3482	EA		30" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	21,240.93	1,093.92
			<i>For Class 52 Rating, Deduct</i>	-2,154.18	
			<i>For Class 54 Rating, Add</i>	2,957.41	
			<i>For Class 55 Rating, Add</i>	4,406.89	
			<i>For Class 56 Rating, Add</i>	5,836.79	
40 05 19 00-3483	EA		30" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	22,021.79	1,096.48
			<i>For Class 52 Rating, Deduct</i>	-2,239.65	
			<i>For Class 54 Rating, Add</i>	3,074.00	
			<i>For Class 55 Rating, Add</i>	4,580.25	
			<i>For Class 56 Rating, Add</i>	6,066.14	
40 05 19 00-3484	EA		30" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	22,802.65	1,099.02
			<i>For Class 52 Rating, Deduct</i>	-2,325.12	
			<i>For Class 54 Rating, Add</i>	3,190.60	
			<i>For Class 55 Rating, Add</i>	4,753.62	
			<i>For Class 56 Rating, Add</i>	6,295.50	
40 05 19 00-3485	EA		30" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	23,583.51	1,101.58
			<i>For Class 52 Rating, Deduct</i>	-2,410.59	
			<i>For Class 54 Rating, Add</i>	3,307.20	
			<i>For Class 55 Rating, Add</i>	4,926.98	
			<i>For Class 56 Rating, Add</i>	6,524.85	
40 05 19 00-3486	EA		30" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	24,364.38	1,104.12
			<i>For Class 52 Rating, Deduct</i>	-2,496.06	
			<i>For Class 54 Rating, Add</i>	3,423.79	
			<i>For Class 55 Rating, Add</i>	5,100.35	
			<i>For Class 56 Rating, Add</i>	6,754.21	
40 05 19 00-3487	EA		30" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	25,145.24	1,106.67
			<i>For Class 52 Rating, Deduct</i>	-2,581.53	
			<i>For Class 54 Rating, Add</i>	3,540.39	
			<i>For Class 55 Rating, Add</i>	5,273.71	
			<i>For Class 56 Rating, Add</i>	6,983.56	
40 05 19 00-3488	EA		30" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	25,926.10	1,109.22
			<i>For Class 52 Rating, Deduct</i>	-2,667.00	
			<i>For Class 54 Rating, Add</i>	3,656.99	
			<i>For Class 55 Rating, Add</i>	5,447.07	
			<i>For Class 56 Rating, Add</i>	7,212.91	
40 05 19 00-3489	EA		30" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	26,706.96	1,111.78
			<i>For Class 52 Rating, Deduct</i>	-2,752.47	
			<i>For Class 54 Rating, Add</i>	3,773.58	
			<i>For Class 55 Rating, Add</i>	5,620.44	
			<i>For Class 56 Rating, Add</i>	7,442.27	
40 05 19 00-3490	EA		30" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	27,487.83	1,114.33
			<i>For Class 52 Rating, Deduct</i>	-2,837.94	
			<i>For Class 54 Rating, Add</i>	3,890.18	
			<i>For Class 55 Rating, Add</i>	5,793.80	
			<i>For Class 56 Rating, Add</i>	7,671.62	
40 05 19 00-3491	EA		30" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	28,268.70	1,116.87
			<i>For Class 52 Rating, Deduct</i>	-2,923.41	
			<i>For Class 54 Rating, Add</i>	4,006.78	
			<i>For Class 55 Rating, Add</i>	5,967.16	
			<i>For Class 56 Rating, Add</i>	7,900.98	
40 05 19 00-3492	EA		30" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	29,049.56	1,119.42
			<i>For Class 52 Rating, Deduct</i>	-3,008.88	
			<i>For Class 54 Rating, Add</i>	4,123.37	
			<i>For Class 55 Rating, Add</i>	6,140.53	
			<i>For Class 56 Rating, Add</i>	8,130.33	
40 05 19 00-3493	EA		30" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	29,830.42	1,121.97
			<i>For Class 52 Rating, Deduct</i>	-3,094.35	
			<i>For Class 54 Rating, Add</i>	4,239.97	
			<i>For Class 55 Rating, Add</i>	6,313.89	
			<i>For Class 56 Rating, Add</i>	8,359.68	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3494 EA 30" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	30,611.29	1,124.53
<i>For Class 52 Rating, Deduct</i>	-3,179.82	
<i>For Class 54 Rating, Add</i>	4,356.56	
<i>For Class 55 Rating, Add</i>	6,487.26	
<i>For Class 56 Rating, Add</i>	8,589.04	
40 05 19 00-3495 EA 30" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	31,392.14	1,127.07
<i>For Class 52 Rating, Deduct</i>	-3,265.29	
<i>For Class 54 Rating, Add</i>	4,473.16	
<i>For Class 55 Rating, Add</i>	6,660.62	
<i>For Class 56 Rating, Add</i>	8,818.39	
40 05 19 00-3496 EA 30" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	32,173.00	1,129.63
<i>For Class 52 Rating, Deduct</i>	-3,350.76	
<i>For Class 54 Rating, Add</i>	4,589.76	
<i>For Class 55 Rating, Add</i>	6,833.98	
<i>For Class 56 Rating, Add</i>	9,047.74	
40 05 19 00-3497 EA 30" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	32,953.86	1,132.18
<i>For Class 52 Rating, Deduct</i>	-3,436.23	
<i>For Class 54 Rating, Add</i>	4,706.35	
<i>For Class 55 Rating, Add</i>	7,007.34	
<i>For Class 56 Rating, Add</i>	9,277.10	
40 05 19 00-3498 EA 30" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	33,734.73	1,134.72
<i>For Class 52 Rating, Deduct</i>	-3,521.70	
<i>For Class 54 Rating, Add</i>	4,822.95	
<i>For Class 55 Rating, Add</i>	7,180.71	
<i>For Class 56 Rating, Add</i>	9,506.45	
40 05 19 00-3499 EA 30" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,515.59	1,137.27
<i>For Class 52 Rating, Deduct</i>	-3,607.17	
<i>For Class 54 Rating, Add</i>	4,939.55	
<i>For Class 55 Rating, Add</i>	7,354.07	
<i>For Class 56 Rating, Add</i>	9,735.81	
40 05 19 00-3500 36" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3501 EA 36" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	9,955.46	1,331.08
<i>For Class 52 Rating, Deduct</i>	-873.26	
<i>For Class 54 Rating, Add</i>	1,215.00	
<i>For Class 55 Rating, Add</i>	1,818.73	
<i>For Class 56 Rating, Add</i>	2,414.52	
40 05 19 00-3502 EA 36" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	11,002.14	1,333.62
<i>For Class 52 Rating, Deduct</i>	-987.97	
<i>For Class 54 Rating, Add</i>	1,371.47	
<i>For Class 55 Rating, Add</i>	2,051.37	
<i>For Class 56 Rating, Add</i>	2,722.29	
40 05 19 00-3503 EA 36" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	12,048.82	1,336.16
<i>For Class 52 Rating, Deduct</i>	-1,102.68	
<i>For Class 54 Rating, Add</i>	1,527.94	
<i>For Class 55 Rating, Add</i>	2,284.01	
<i>For Class 56 Rating, Add</i>	3,030.06	
40 05 19 00-3504 EA 36" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	13,095.49	1,338.72
<i>For Class 52 Rating, Deduct</i>	-1,217.38	
<i>For Class 54 Rating, Add</i>	1,684.41	
<i>For Class 55 Rating, Add</i>	2,516.65	
<i>For Class 56 Rating, Add</i>	3,337.82	
40 05 19 00-3505 EA 36" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	14,142.17	1,341.27
<i>For Class 52 Rating, Deduct</i>	-1,332.09	
<i>For Class 54 Rating, Add</i>	1,840.88	
<i>For Class 55 Rating, Add</i>	2,749.29	
<i>For Class 56 Rating, Add</i>	3,645.60	
40 05 19 00-3506 EA 36" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	15,188.85	1,343.82
<i>For Class 52 Rating, Deduct</i>	-1,446.80	
<i>For Class 54 Rating, Add</i>	1,997.35	
<i>For Class 55 Rating, Add</i>	2,981.93	
<i>For Class 56 Rating, Add</i>	3,953.36	
40 05 19 00-3507 EA 36" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	16,235.54	1,346.36
<i>For Class 52 Rating, Deduct</i>	-1,561.51	
<i>For Class 54 Rating, Add</i>	2,153.82	
<i>For Class 55 Rating, Add</i>	3,214.57	
<i>For Class 56 Rating, Add</i>	4,261.13	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3508	EA		36" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	17,282.22	1,348.92
			<i>For Class 52 Rating, Deduct</i>	-1,676.22	
			<i>For Class 54 Rating, Add</i>	2,310.29	
			<i>For Class 55 Rating, Add</i>	3,447.21	
			<i>For Class 56 Rating, Add</i>	4,568.91	
40 05 19 00-3509	EA		36" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	18,328.89	1,351.47
			<i>For Class 52 Rating, Deduct</i>	-1,790.93	
			<i>For Class 54 Rating, Add</i>	2,466.75	
			<i>For Class 55 Rating, Add</i>	3,679.85	
			<i>For Class 56 Rating, Add</i>	4,876.67	
40 05 19 00-3510	EA		36" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	19,375.58	1,354.02
			<i>For Class 52 Rating, Deduct</i>	-1,905.64	
			<i>For Class 54 Rating, Add</i>	2,623.22	
			<i>For Class 55 Rating, Add</i>	3,912.50	
			<i>For Class 56 Rating, Add</i>	5,184.44	
40 05 19 00-3511	EA		36" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	20,422.25	1,356.57
			<i>For Class 52 Rating, Deduct</i>	-2,020.35	
			<i>For Class 54 Rating, Add</i>	2,779.69	
			<i>For Class 55 Rating, Add</i>	4,145.14	
			<i>For Class 56 Rating, Add</i>	5,492.21	
40 05 19 00-3512	EA		36" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	21,468.93	1,359.13
			<i>For Class 52 Rating, Deduct</i>	-2,135.06	
			<i>For Class 54 Rating, Add</i>	2,936.16	
			<i>For Class 55 Rating, Add</i>	4,377.78	
			<i>For Class 56 Rating, Add</i>	5,799.98	
40 05 19 00-3513	EA		36" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	22,515.60	1,361.66
			<i>For Class 52 Rating, Deduct</i>	-2,249.77	
			<i>For Class 54 Rating, Add</i>	3,092.63	
			<i>For Class 55 Rating, Add</i>	4,610.42	
			<i>For Class 56 Rating, Add</i>	6,107.75	
40 05 19 00-3514	EA		36" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	23,562.28	1,364.21
			<i>For Class 52 Rating, Deduct</i>	-2,364.48	
			<i>For Class 54 Rating, Add</i>	3,249.10	
			<i>For Class 55 Rating, Add</i>	4,843.06	
			<i>For Class 56 Rating, Add</i>	6,415.52	
40 05 19 00-3515	EA		36" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	24,608.96	1,366.77
			<i>For Class 52 Rating, Deduct</i>	-2,479.19	
			<i>For Class 54 Rating, Add</i>	3,405.57	
			<i>For Class 55 Rating, Add</i>	5,075.70	
			<i>For Class 56 Rating, Add</i>	6,723.29	
40 05 19 00-3516	EA		36" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	25,655.65	1,369.32
			<i>For Class 52 Rating, Deduct</i>	-2,593.90	
			<i>For Class 54 Rating, Add</i>	3,562.03	
			<i>For Class 55 Rating, Add</i>	5,308.34	
			<i>For Class 56 Rating, Add</i>	7,031.06	
40 05 19 00-3517	EA		36" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	26,702.32	1,371.87
			<i>For Class 52 Rating, Deduct</i>	-2,708.61	
			<i>For Class 54 Rating, Add</i>	3,718.50	
			<i>For Class 55 Rating, Add</i>	5,540.98	
			<i>For Class 56 Rating, Add</i>	7,338.83	
40 05 19 00-3518	EA		36" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	27,749.00	1,374.42
			<i>For Class 52 Rating, Deduct</i>	-2,823.32	
			<i>For Class 54 Rating, Add</i>	3,874.97	
			<i>For Class 55 Rating, Add</i>	5,773.62	
			<i>For Class 56 Rating, Add</i>	7,646.60	
40 05 19 00-3519	EA		36" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	28,795.68	1,376.97
			<i>For Class 52 Rating, Deduct</i>	-2,938.03	
			<i>For Class 54 Rating, Add</i>	4,031.44	
			<i>For Class 55 Rating, Add</i>	6,006.26	
			<i>For Class 56 Rating, Add</i>	7,954.37	
40 05 19 00-3520	EA		36" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	29,842.36	1,379.52
			<i>For Class 52 Rating, Deduct</i>	-3,052.74	
			<i>For Class 54 Rating, Add</i>	4,187.91	
			<i>For Class 55 Rating, Add</i>	6,238.90	
			<i>For Class 56 Rating, Add</i>	8,262.14	
40 05 19 00-3521	EA		36" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	30,889.03	1,382.07
			<i>For Class 52 Rating, Deduct</i>	-3,167.45	
			<i>For Class 54 Rating, Add</i>	4,344.38	
			<i>For Class 55 Rating, Add</i>	6,471.54	
			<i>For Class 56 Rating, Add</i>	8,569.91	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3522 EA 36" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	31,935.71	1,384.62
For Class 52 Rating, Deduct	-3,282.16	
For Class 54 Rating, Add	4,500.85	
For Class 55 Rating, Add	6,704.18	
For Class 56 Rating, Add	8,877.68	
40 05 19 00-3523 EA 36" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	32,982.40	1,387.18
For Class 52 Rating, Deduct	-3,396.87	
For Class 54 Rating, Add	4,657.32	
For Class 55 Rating, Add	6,936.82	
For Class 56 Rating, Add	9,185.45	
40 05 19 00-3524 EA 36" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	34,029.07	1,389.71
For Class 52 Rating, Deduct	-3,511.58	
For Class 54 Rating, Add	4,813.78	
For Class 55 Rating, Add	7,169.46	
For Class 56 Rating, Add	9,493.22	
40 05 19 00-3525 EA 36" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	35,075.76	1,392.26
For Class 52 Rating, Deduct	-3,626.29	
For Class 54 Rating, Add	4,970.25	
For Class 55 Rating, Add	7,402.10	
For Class 56 Rating, Add	9,800.99	
40 05 19 00-3526 EA 36" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	36,122.43	1,394.82
For Class 52 Rating, Deduct	-3,741.00	
For Class 54 Rating, Add	5,126.72	
For Class 55 Rating, Add	7,634.74	
For Class 56 Rating, Add	10,108.76	
40 05 19 00-3527 EA 36" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	37,169.12	1,397.37
For Class 52 Rating, Deduct	-3,855.71	
For Class 54 Rating, Add	5,283.19	
For Class 55 Rating, Add	7,867.38	
For Class 56 Rating, Add	10,416.53	
40 05 19 00-3528 EA 36" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	38,215.79	1,399.92
For Class 52 Rating, Deduct	-3,970.42	
For Class 54 Rating, Add	5,439.66	
For Class 55 Rating, Add	8,100.02	
For Class 56 Rating, Add	10,724.30	
40 05 19 00-3529 EA 36" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	39,262.47	1,402.47
For Class 52 Rating, Deduct	-4,085.13	
For Class 54 Rating, Add	5,596.13	
For Class 55 Rating, Add	8,332.67	
For Class 56 Rating, Add	11,032.07	
40 05 19 00-3530 EA 36" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	40,309.14	1,405.02
For Class 52 Rating, Deduct	-4,199.84	
For Class 54 Rating, Add	5,752.60	
For Class 55 Rating, Add	8,565.31	
For Class 56 Rating, Add	11,339.83	
40 05 19 00-3531 EA 36" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	41,355.83	1,407.56
For Class 52 Rating, Deduct	-4,314.55	
For Class 54 Rating, Add	5,909.06	
For Class 55 Rating, Add	8,797.95	
For Class 56 Rating, Add	11,647.61	
40 05 19 00-3532 EA 36" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	42,402.50	1,410.12
For Class 52 Rating, Deduct	-4,429.26	
For Class 54 Rating, Add	6,065.53	
For Class 55 Rating, Add	9,030.59	
For Class 56 Rating, Add	11,955.37	
40 05 19 00-3533 EA 36" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	43,449.18	1,412.67
For Class 52 Rating, Deduct	-4,543.97	
For Class 54 Rating, Add	6,222.00	
For Class 55 Rating, Add	9,263.23	
For Class 56 Rating, Add	12,263.14	
40 05 19 00-3534 EA 36" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	44,495.86	1,415.23
For Class 52 Rating, Deduct	-4,658.67	
For Class 54 Rating, Add	6,378.47	
For Class 55 Rating, Add	9,495.87	
For Class 56 Rating, Add	12,570.91	
40 05 19 00-3535 EA 36" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	45,542.55	1,417.76
For Class 52 Rating, Deduct	-4,773.39	
For Class 54 Rating, Add	6,534.94	
For Class 55 Rating, Add	9,728.51	
For Class 56 Rating, Add	12,878.68	
40 05 19 00-3536 42" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3537	EA		42" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	13,185.06	1,677.86
			<i>For Class 52 Rating, Deduct</i>	-1,170.71	
			<i>For Class 54 Rating, Add</i>	1,626.93	
			<i>For Class 55 Rating, Add</i>	2,434.37	
			<i>For Class 56 Rating, Add</i>	3,231.16	
40 05 19 00-3538	EA		42" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	14,727.59	1,680.41
			<i>For Class 52 Rating, Deduct</i>	-1,339.97	
			<i>For Class 54 Rating, Add</i>	1,857.78	
			<i>For Class 55 Rating, Add</i>	2,777.58	
			<i>For Class 56 Rating, Add</i>	3,685.20	
40 05 19 00-3539	EA		42" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	16,257.34	1,682.96
			<i>For Class 52 Rating, Deduct</i>	-1,507.81	
			<i>For Class 54 Rating, Add</i>	2,086.71	
			<i>For Class 55 Rating, Add</i>	3,117.95	
			<i>For Class 56 Rating, Add</i>	4,135.48	
40 05 19 00-3540	EA		42" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	17,802.42	1,685.52
			<i>For Class 52 Rating, Deduct</i>	-1,677.35	
			<i>For Class 54 Rating, Add</i>	2,317.94	
			<i>For Class 55 Rating, Add</i>	3,461.73	
			<i>For Class 56 Rating, Add</i>	4,590.28	
40 05 19 00-3541	EA		42" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	19,337.27	1,688.06
			<i>For Class 52 Rating, Deduct</i>	-1,845.76	
			<i>For Class 54 Rating, Add</i>	2,547.63	
			<i>For Class 55 Rating, Add</i>	3,803.24	
			<i>For Class 56 Rating, Add</i>	5,042.06	
40 05 19 00-3542	EA		42" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	20,887.48	1,690.60
			<i>For Class 52 Rating, Deduct</i>	-2,015.85	
			<i>For Class 54 Rating, Add</i>	2,779.63	
			<i>For Class 55 Rating, Add</i>	4,148.16	
			<i>For Class 56 Rating, Add</i>	5,498.37	
40 05 19 00-3543	EA		42" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	22,422.34	1,693.16
			<i>For Class 52 Rating, Deduct</i>	-2,184.26	
			<i>For Class 54 Rating, Add</i>	3,009.33	
			<i>For Class 55 Rating, Add</i>	4,489.67	
			<i>For Class 56 Rating, Add</i>	5,950.15	
40 05 19 00-3544	EA		42" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	23,975.09	1,695.71
			<i>For Class 52 Rating, Deduct</i>	-2,354.64	
			<i>For Class 54 Rating, Add</i>	3,241.71	
			<i>For Class 55 Rating, Add</i>	4,835.16	
			<i>For Class 56 Rating, Add</i>	6,407.21	
40 05 19 00-3545	EA		42" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	25,512.50	1,698.27
			<i>For Class 52 Rating, Deduct</i>	-2,523.33	
			<i>For Class 54 Rating, Add</i>	3,471.78	
			<i>For Class 55 Rating, Add</i>	5,177.24	
			<i>For Class 56 Rating, Add</i>	6,859.75	
40 05 19 00-3546	EA		42" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	27,067.82	1,700.81
			<i>For Class 52 Rating, Deduct</i>	-2,693.99	
			<i>For Class 54 Rating, Add</i>	3,704.55	
			<i>For Class 55 Rating, Add</i>	5,523.30	
			<i>For Class 56 Rating, Add</i>	7,317.57	
40 05 19 00-3547	EA		42" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	28,605.23	1,703.36
			<i>For Class 52 Rating, Deduct</i>	-2,862.68	
			<i>For Class 54 Rating, Add</i>	3,934.63	
			<i>For Class 55 Rating, Add</i>	5,865.38	
			<i>For Class 56 Rating, Add</i>	7,770.10	
40 05 19 00-3548	EA		42" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	30,160.53	1,705.91
			<i>For Class 52 Rating, Deduct</i>	-3,033.34	
			<i>For Class 54 Rating, Add</i>	4,167.39	
			<i>For Class 55 Rating, Add</i>	6,211.44	
			<i>For Class 56 Rating, Add</i>	8,227.92	
40 05 19 00-3549	EA		42" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	31,700.50	1,708.46
			<i>For Class 52 Rating, Deduct</i>	-3,202.31	
			<i>For Class 54 Rating, Add</i>	4,397.85	
			<i>For Class 55 Rating, Add</i>	6,554.09	
			<i>For Class 56 Rating, Add</i>	8,681.21	
40 05 19 00-3550	EA		42" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	33,243.03	1,711.01
			<i>For Class 52 Rating, Deduct</i>	-3,371.56	
			<i>For Class 54 Rating, Add</i>	4,628.70	
			<i>For Class 55 Rating, Add</i>	6,897.30	
			<i>For Class 56 Rating, Add</i>	9,135.25	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3551 EA 42" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	34,795.78	1,713.57
<i>For Class 52 Rating, Deduct</i>	-3,541.94	
<i>For Class 54 Rating, Add</i>	4,861.08	
<i>For Class 55 Rating, Add</i>	7,242.80	
<i>For Class 56 Rating, Add</i>	9,592.31	
40 05 19 00-3552 EA 42" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	36,335.76	1,716.12
<i>For Class 52 Rating, Deduct</i>	-3,710.91	
<i>For Class 54 Rating, Add</i>	5,091.54	
<i>For Class 55 Rating, Add</i>	7,585.44	
<i>For Class 56 Rating, Add</i>	10,045.61	
40 05 19 00-3553 EA 42" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	37,893.62	1,718.65
<i>For Class 52 Rating, Deduct</i>	-3,881.85	
<i>For Class 54 Rating, Add</i>	5,324.69	
<i>For Class 55 Rating, Add</i>	7,932.08	
<i>For Class 56 Rating, Add</i>	10,504.17	
40 05 19 00-3554 EA 42" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	39,436.15	1,721.21
<i>For Class 52 Rating, Deduct</i>	-4,051.11	
<i>For Class 54 Rating, Add</i>	5,555.53	
<i>For Class 55 Rating, Add</i>	8,275.29	
<i>For Class 56 Rating, Add</i>	10,958.22	
40 05 19 00-3555 EA 42" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	40,991.45	1,723.76
<i>For Class 52 Rating, Deduct</i>	-4,221.77	
<i>For Class 54 Rating, Add</i>	5,788.29	
<i>For Class 55 Rating, Add</i>	8,621.35	
<i>For Class 56 Rating, Add</i>	11,416.03	
40 05 19 00-3556 EA 42" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	42,533.98	1,726.31
<i>For Class 52 Rating, Deduct</i>	-4,391.02	
<i>For Class 54 Rating, Add</i>	6,019.14	
<i>For Class 55 Rating, Add</i>	8,964.57	
<i>For Class 56 Rating, Add</i>	11,870.08	
40 05 19 00-3557 EA 42" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	44,091.84	1,728.86
<i>For Class 52 Rating, Deduct</i>	-4,561.96	
<i>For Class 54 Rating, Add</i>	6,252.29	
<i>For Class 55 Rating, Add</i>	9,311.20	
<i>For Class 56 Rating, Add</i>	12,328.65	
40 05 19 00-3558 EA 42" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	45,634.37	1,731.41
<i>For Class 52 Rating, Deduct</i>	-4,731.21	
<i>For Class 54 Rating, Add</i>	6,483.13	
<i>For Class 55 Rating, Add</i>	9,654.42	
<i>For Class 56 Rating, Add</i>	12,782.69	
40 05 19 00-3559 EA 42" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	47,192.23	1,733.96
<i>For Class 52 Rating, Deduct</i>	-4,902.15	
<i>For Class 54 Rating, Add</i>	6,716.28	
<i>For Class 55 Rating, Add</i>	10,001.05	
<i>For Class 56 Rating, Add</i>	13,241.26	
40 05 19 00-3560 EA 42" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	48,732.20	1,736.51
<i>For Class 52 Rating, Deduct</i>	-5,071.12	
<i>For Class 54 Rating, Add</i>	6,946.74	
<i>For Class 55 Rating, Add</i>	10,343.70	
<i>For Class 56 Rating, Add</i>	13,694.55	
40 05 19 00-3561 EA 42" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	50,292.62	1,739.06
<i>For Class 52 Rating, Deduct</i>	-5,242.34	
<i>For Class 54 Rating, Add</i>	7,180.27	
<i>For Class 55 Rating, Add</i>	10,690.90	
<i>For Class 56 Rating, Add</i>	14,153.87	
40 05 19 00-3562 EA 42" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	51,835.16	1,741.62
<i>For Class 52 Rating, Deduct</i>	-5,411.60	
<i>For Class 54 Rating, Add</i>	7,411.12	
<i>For Class 55 Rating, Add</i>	11,034.12	
<i>For Class 56 Rating, Add</i>	14,607.92	
40 05 19 00-3563 EA 42" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	53,390.46	1,744.16
<i>For Class 52 Rating, Deduct</i>	-5,582.26	
<i>For Class 54 Rating, Add</i>	7,643.88	
<i>For Class 55 Rating, Add</i>	11,380.18	
<i>For Class 56 Rating, Add</i>	15,065.73	
40 05 19 00-3564 EA 42" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	54,935.54	1,746.70
<i>For Class 52 Rating, Deduct</i>	-5,751.79	
<i>For Class 54 Rating, Add</i>	7,875.11	
<i>For Class 55 Rating, Add</i>	11,723.97	
<i>For Class 56 Rating, Add</i>	15,520.53	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3565	EA		42" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	56,176.47	1,749.26
			<i>For Class 52 Rating, Deduct</i>	-5,887.87	
			<i>For Class 54 Rating, Add</i>	8,060.72	
			<i>For Class 55 Rating, Add</i>	11,999.93	
			<i>For Class 56 Rating, Add</i>	15,885.61	
40 05 19 00-3566	EA		42" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	58,035.93	1,751.81
			<i>For Class 52 Rating, Deduct</i>	-6,091.98	
			<i>For Class 54 Rating, Add</i>	8,339.10	
			<i>For Class 55 Rating, Add</i>	12,413.81	
			<i>For Class 56 Rating, Add</i>	16,433.15	
40 05 19 00-3567	EA		42" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	59,575.90	1,754.36
			<i>For Class 52 Rating, Deduct</i>	-6,260.96	
			<i>For Class 54 Rating, Add</i>	8,569.56	
			<i>For Class 55 Rating, Add</i>	12,756.46	
			<i>For Class 56 Rating, Add</i>	16,886.44	
40 05 19 00-3568	EA		42" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	61,133.76	1,756.91
			<i>For Class 52 Rating, Deduct</i>	-6,431.90	
			<i>For Class 54 Rating, Add</i>	8,802.71	
			<i>For Class 55 Rating, Add</i>	13,103.09	
			<i>For Class 56 Rating, Add</i>	17,345.01	
40 05 19 00-3569	EA		42" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	62,676.29	1,759.46
			<i>For Class 52 Rating, Deduct</i>	-6,601.15	
			<i>For Class 54 Rating, Add</i>	9,033.56	
			<i>For Class 55 Rating, Add</i>	13,446.31	
			<i>For Class 56 Rating, Add</i>	17,799.05	
40 05 19 00-3570	EA		42" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	64,236.72	1,762.01
			<i>For Class 52 Rating, Deduct</i>	-6,772.37	
			<i>For Class 54 Rating, Add</i>	9,267.09	
			<i>For Class 55 Rating, Add</i>	13,793.51	
			<i>For Class 56 Rating, Add</i>	18,258.37	
40 05 19 00-3571	EA		42" Flanged x Plain End (FxPE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	65,776.69	1,764.56
			<i>For Class 52 Rating, Deduct</i>	-6,941.34	
			<i>For Class 54 Rating, Add</i>	9,497.55	
			<i>For Class 55 Rating, Add</i>	14,136.16	
			<i>For Class 56 Rating, Add</i>	18,711.67	
40 05 19 00-3572			48" Flanged End x Plain End (FxPE), Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe <small>(40 05 19 00-3068)</small>		
40 05 19 00-3573	EA		48" Flanged x Plain End (FxPE), 1'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	17,035.47	2,108.80
			<i>For Class 52 Rating, Deduct</i>	-1,522.43	
			<i>For Class 54 Rating, Add</i>	2,114.39	
			<i>For Class 55 Rating, Add</i>	3,163.07	
			<i>For Class 56 Rating, Add</i>	4,197.92	
40 05 19 00-3574	EA		48" Flanged x Plain End (FxPE), 1'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	19,252.75	2,111.35
			<i>For Class 52 Rating, Deduct</i>	-1,765.91	
			<i>For Class 54 Rating, Add</i>	2,446.45	
			<i>For Class 55 Rating, Add</i>	3,656.76	
			<i>For Class 56 Rating, Add</i>	4,851.02	
40 05 19 00-3575	EA		48" Flanged x Plain End (FxPE), 2'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	21,477.71	2,113.91
			<i>For Class 52 Rating, Deduct</i>	-2,010.23	
			<i>For Class 54 Rating, Add</i>	2,779.66	
			<i>For Class 55 Rating, Add</i>	4,152.16	
			<i>For Class 56 Rating, Add</i>	5,506.38	
40 05 19 00-3576	EA		48" Flanged x Plain End (FxPE), 2'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	23,725.67	2,116.45
			<i>For Class 52 Rating, Deduct</i>	-2,257.08	
			<i>For Class 54 Rating, Add</i>	3,116.32	
			<i>For Class 55 Rating, Add</i>	4,652.68	
			<i>For Class 56 Rating, Add</i>	6,168.53	
40 05 19 00-3577	EA		48" Flanged x Plain End (FxPE), 3'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	25,968.52	2,119.00
			<i>For Class 52 Rating, Deduct</i>	-2,503.37	
			<i>For Class 54 Rating, Add</i>	3,452.21	
			<i>For Class 55 Rating, Add</i>	5,152.07	
			<i>For Class 56 Rating, Add</i>	6,829.17	
40 05 19 00-3578	EA		48" Flanged x Plain End (FxPE), 3'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	28,213.92	2,121.55
			<i>For Class 52 Rating, Deduct</i>	-2,749.94	
			<i>For Class 54 Rating, Add</i>	3,788.49	
			<i>For Class 55 Rating, Add</i>	5,652.02	
			<i>For Class 56 Rating, Add</i>	7,490.56	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3579 EA 48" Flanged x Plain End (FxPE), 4'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	30,474.66	2,124.11
<i>For Class 52 Rating, Deduct</i>	-2,998.20	
<i>For Class 54 Rating, Add</i>	4,127.07	
<i>For Class 55 Rating, Add</i>	6,155.40	
<i>For Class 56 Rating, Add</i>	8,156.48	
40 05 19 00-3580 EA 48" Flanged x Plain End (FxPE), 4'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	32,730.29	2,126.65
<i>For Class 52 Rating, Deduct</i>	-3,245.89	
<i>For Class 54 Rating, Add</i>	4,464.88	
<i>For Class 55 Rating, Add</i>	6,657.64	
<i>For Class 56 Rating, Add</i>	8,820.89	
40 05 19 00-3581 EA 48" Flanged x Plain End (FxPE), 5'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	34,980.82	2,129.20
<i>For Class 52 Rating, Deduct</i>	-3,493.02	
<i>For Class 54 Rating, Add</i>	4,801.93	
<i>For Class 55 Rating, Add</i>	7,158.73	
<i>For Class 56 Rating, Add</i>	9,483.79	
40 05 19 00-3582 EA 48" Flanged x Plain End (FxPE), 5'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	37,251.78	2,131.75
<i>For Class 52 Rating, Deduct</i>	-3,742.40	
<i>For Class 54 Rating, Add</i>	5,142.04	
<i>For Class 55 Rating, Add</i>	7,664.39	
<i>For Class 56 Rating, Add</i>	10,152.72	
40 05 19 00-3583 EA 48" Flanged x Plain End (FxPE), 6'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	39,512.52	2,134.30
<i>For Class 52 Rating, Deduct</i>	-3,990.66	
<i>For Class 54 Rating, Add</i>	5,480.61	
<i>For Class 55 Rating, Add</i>	8,167.77	
<i>For Class 56 Rating, Add</i>	10,818.64	
40 05 19 00-3584 EA 48" Flanged x Plain End (FxPE), 6'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	41,786.04	2,136.85
<i>For Class 52 Rating, Deduct</i>	-4,240.32	
<i>For Class 54 Rating, Add</i>	5,821.11	
<i>For Class 55 Rating, Add</i>	8,673.99	
<i>For Class 56 Rating, Add</i>	11,488.33	
40 05 19 00-3585 EA 48" Flanged x Plain End (FxPE), 7'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	44,044.23	2,139.40
<i>For Class 52 Rating, Deduct</i>	-4,488.30	
<i>For Class 54 Rating, Add</i>	6,159.30	
<i>For Class 55 Rating, Add</i>	9,176.80	
<i>For Class 56 Rating, Add</i>	12,153.49	
40 05 19 00-3586 EA 48" Flanged x Plain End (FxPE), 7'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	46,307.52	2,141.96
<i>For Class 52 Rating, Deduct</i>	-4,736.84	
<i>For Class 54 Rating, Add</i>	6,498.27	
<i>For Class 55 Rating, Add</i>	9,680.75	
<i>For Class 56 Rating, Add</i>	12,820.16	
40 05 19 00-3587 EA 48" Flanged x Plain End (FxPE), 8'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	48,583.59	2,144.50
<i>For Class 52 Rating, Deduct</i>	-4,986.78	
<i>For Class 54 Rating, Add</i>	6,839.14	
<i>For Class 55 Rating, Add</i>	10,187.54	
<i>For Class 56 Rating, Add</i>	13,490.61	
40 05 19 00-3588 EA 48" Flanged x Plain End (FxPE), 8'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	50,846.89	2,147.05
<i>For Class 52 Rating, Deduct</i>	-5,235.32	
<i>For Class 54 Rating, Add</i>	7,178.11	
<i>For Class 55 Rating, Add</i>	10,691.49	
<i>For Class 56 Rating, Add</i>	14,157.28	
40 05 19 00-3589 EA 48" Flanged x Plain End (FxPE), 9'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	53,110.19	2,149.60
<i>For Class 52 Rating, Deduct</i>	-5,483.85	
<i>For Class 54 Rating, Add</i>	7,517.07	
<i>For Class 55 Rating, Add</i>	11,195.44	
<i>For Class 56 Rating, Add</i>	14,823.95	
40 05 19 00-3590 EA 48" Flanged x Plain End (FxPE), 9'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	55,388.83	2,152.16
<i>For Class 52 Rating, Deduct</i>	-5,734.08	
<i>For Class 54 Rating, Add</i>	7,858.33	
<i>For Class 55 Rating, Add</i>	11,702.80	
<i>For Class 56 Rating, Add</i>	15,495.15	
40 05 19 00-3591 EA 48" Flanged x Plain End (FxPE), 10'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	57,654.68	2,154.70
<i>For Class 52 Rating, Deduct</i>	-5,982.90	
<i>For Class 54 Rating, Add</i>	8,197.67	
<i>For Class 55 Rating, Add</i>	12,207.32	
<i>For Class 56 Rating, Add</i>	16,162.57	
40 05 19 00-3592 EA 48" Flanged x Plain End (FxPE), 10'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
Coat, Ductile Iron Pipe.....	59,917.97	2,157.25
<i>For Class 52 Rating, Deduct</i>	-6,231.44	
<i>For Class 54 Rating, Add</i>	8,536.63	
<i>For Class 55 Rating, Add</i>	12,711.26	
<i>For Class 56 Rating, Add</i>	16,829.24	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3593	EA		48" Flanged x Plain End (FxPE), 11'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	62,201.72	2,159.80
			<i>For Class 52 Rating, Deduct</i>	-6,482.22	
			<i>For Class 54 Rating, Add</i>	8,878.66	
			<i>For Class 55 Rating, Add</i>	13,219.77	
			<i>For Class 56 Rating, Add</i>	17,501.95	
40 05 19 00-3594	EA		48" Flanged x Plain End (FxPE), 11'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	64,470.13	2,162.35
			<i>For Class 52 Rating, Deduct</i>	-6,731.32	
			<i>For Class 54 Rating, Add</i>	9,218.39	
			<i>For Class 55 Rating, Add</i>	13,724.86	
			<i>For Class 56 Rating, Add</i>	18,170.13	
40 05 19 00-3595	EA		48" Flanged x Plain End (FxPE), 12'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	66,735.98	2,164.90
			<i>For Class 52 Rating, Deduct</i>	-6,980.14	
			<i>For Class 54 Rating, Add</i>	9,557.74	
			<i>For Class 55 Rating, Add</i>	14,229.37	
			<i>For Class 56 Rating, Add</i>	18,837.56	
40 05 19 00-3596	EA		48" Flanged x Plain End (FxPE), 12'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	69,017.16	2,167.45
			<i>For Class 52 Rating, Deduct</i>	-7,230.65	
			<i>For Class 54 Rating, Add</i>	9,899.38	
			<i>For Class 55 Rating, Add</i>	14,737.31	
			<i>For Class 56 Rating, Add</i>	19,509.50	
40 05 19 00-3597	EA		48" Flanged x Plain End (FxPE), 13'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	71,285.58	2,170.01
			<i>For Class 52 Rating, Deduct</i>	-7,479.75	
			<i>For Class 54 Rating, Add</i>	10,239.11	
			<i>For Class 55 Rating, Add</i>	15,242.40	
			<i>For Class 56 Rating, Add</i>	20,177.69	
40 05 19 00-3598	EA		48" Flanged x Plain End (FxPE), 13'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	73,551.42	2,172.54
			<i>For Class 52 Rating, Deduct</i>	-7,728.56	
			<i>For Class 54 Rating, Add</i>	10,578.45	
			<i>For Class 55 Rating, Add</i>	15,746.91	
			<i>For Class 56 Rating, Add</i>	20,845.11	
40 05 19 00-3599	EA		48" Flanged x Plain End (FxPE), 14'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	75,835.18	2,175.10
			<i>For Class 52 Rating, Deduct</i>	-7,979.35	
			<i>For Class 54 Rating, Add</i>	10,920.48	
			<i>For Class 55 Rating, Add</i>	16,255.42	
			<i>For Class 56 Rating, Add</i>	21,517.82	
40 05 19 00-3600	EA		48" Flanged x Plain End (FxPE), 14'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	78,103.58	2,177.65
			<i>For Class 52 Rating, Deduct</i>	-8,228.45	
			<i>For Class 54 Rating, Add</i>	11,260.21	
			<i>For Class 55 Rating, Add</i>	16,760.50	
			<i>For Class 56 Rating, Add</i>	22,185.99	
40 05 19 00-3601	EA		48" Flanged x Plain End (FxPE), 15'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	80,103.62	2,180.21
			<i>For Class 52 Rating, Deduct</i>	-8,448.03	
			<i>For Class 54 Rating, Add</i>	11,559.68	
			<i>For Class 55 Rating, Add</i>	17,205.74	
			<i>For Class 56 Rating, Add</i>	22,775.00	
40 05 19 00-3602	EA		48" Flanged x Plain End (FxPE), 15'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	82,658.29	2,182.75
			<i>For Class 52 Rating, Deduct</i>	-8,728.62	
			<i>For Class 54 Rating, Add</i>	11,942.35	
			<i>For Class 55 Rating, Add</i>	17,774.67	
			<i>For Class 56 Rating, Add</i>	23,527.63	
40 05 19 00-3603	EA		48" Flanged x Plain End (FxPE), 16'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	84,924.14	2,185.30
			<i>For Class 52 Rating, Deduct</i>	-8,977.44	
			<i>For Class 54 Rating, Add</i>	12,281.69	
			<i>For Class 55 Rating, Add</i>	18,279.18	
			<i>For Class 56 Rating, Add</i>	24,195.06	
40 05 19 00-3604	EA		48" Flanged x Plain End (FxPE), 16'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	87,212.99	2,187.85
			<i>For Class 52 Rating, Deduct</i>	-9,228.79	
			<i>For Class 54 Rating, Add</i>	12,624.49	
			<i>For Class 55 Rating, Add</i>	18,788.83	
			<i>For Class 56 Rating, Add</i>	24,869.27	
40 05 19 00-3605	EA		48" Flanged x Plain End (FxPE), 17'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	89,478.85	2,190.39
			<i>For Class 52 Rating, Deduct</i>	-9,477.61	
			<i>For Class 54 Rating, Add</i>	12,963.83	
			<i>For Class 55 Rating, Add</i>	19,293.34	
			<i>For Class 56 Rating, Add</i>	25,536.69	
40 05 19 00-3606	EA		48" Flanged x Plain End (FxPE), 17'-6" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal		
			Coat, Ductile Iron Pipe.....	91,744.70	2,192.95
			<i>For Class 52 Rating, Deduct</i>	-9,726.43	
			<i>For Class 54 Rating, Add</i>	13,303.18	
			<i>For Class 55 Rating, Add</i>	19,797.86	
			<i>For Class 56 Rating, Add</i>	26,204.12	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3607 EA 48" Flanged x Plain End (F _x PE), 18'-0" Spool Length, Class 53, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Pipe.....	94,033.55	2,195.50
<i>For Class 52 Rating, Deduct</i>	-9,977.77	
<i>For Class 54 Rating, Add</i>	13,645.97	
<i>For Class 55 Rating, Add</i>	20,307.51	
<i>For Class 56 Rating, Add</i>	26,878.33	
40 05 19 00-3608 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows <small>(40 05 19 00-2059)</small>		
40 05 19 00-3609 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	786.02	123.03
40 05 19 00-3610 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	1,157.11	157.32
40 05 19 00-3611 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	1,664.07	178.19
40 05 19 00-3612 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	2,384.68	225.92
40 05 19 00-3613 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	2,979.59	250.52
40 05 19 00-3614 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	3,664.05	272.15
40 05 19 00-3615 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	4,499.09	335.52
40 05 19 00-3616 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	5,648.83	402.63
40 05 19 00-3617 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	6,900.41	507.00
40 05 19 00-3618 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	10,315.93	574.11
40 05 19 00-3619 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	16,045.30	760.51
40 05 19 00-3620 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	23,866.86	861.16
40 05 19 00-3621 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	40,866.05	984.19
40 05 19 00-3622 EA 48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow.....	54,087.49	1,207.87
40 05 19 00-3623 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbows <small>(40 05 19 00-2059)</small>		
40 05 19 00-3624 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	747.39	123.03
40 05 19 00-3625 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,093.29	157.32
40 05 19 00-3626 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	1,506.19	178.19
40 05 19 00-3627 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	2,159.62	225.92
40 05 19 00-3628 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	2,689.02	250.52
40 05 19 00-3629 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	3,138.33	272.15
40 05 19 00-3630 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	3,857.48	335.52
40 05 19 00-3631 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	4,916.52	402.63
40 05 19 00-3632 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	6,183.22	507.00
40 05 19 00-3633 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	8,144.21	574.11
40 05 19 00-3634 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	15,680.67	760.51
40 05 19 00-3635 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	23,352.90	861.16
40 05 19 00-3636 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	35,393.92	984.19
40 05 19 00-3637 EA 48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 45 Degree Elbow.....	47,894.81	1,207.87
40 05 19 00-3638 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbows <small>(40 05 19 00-2059)</small>		
40 05 19 00-3639 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	745.71	123.03
40 05 19 00-3640 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	1,071.45	157.32
40 05 19 00-3641 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	1,492.75	178.19
40 05 19 00-3642 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	2,107.55	225.92
40 05 19 00-3643 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	2,804.91	250.52
40 05 19 00-3644 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	3,492.73	272.15
40 05 19 00-3645 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	3,938.10	335.52
40 05 19 00-3646 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	5,013.94	402.63
40 05 19 00-3647 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	6,601.44	507.00
40 05 19 00-3648 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	9,109.98	574.11
40 05 19 00-3649 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	15,831.99	760.51
40 05 19 00-3650 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	23,744.25	861.16
40 05 19 00-3651 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	36,174.93	984.19
40 05 19 00-3652 EA 48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 22-1/2 Degree Elbow.....	48,916.01	1,207.87
40 05 19 00-3653 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbows <small>(40 05 19 00-2059)</small>		
40 05 19 00-3654 EA 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	811.21	123.03
40 05 19 00-3655 EA 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	1,194.06	157.32
40 05 19 00-3656 EA 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	1,543.14	178.19
40 05 19 00-3657 EA 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	2,287.27	225.92
40 05 19 00-3658 EA 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	3,139.15	250.52
40 05 19 00-3659 EA 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	3,578.39	272.15
40 05 19 00-3660 EA 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	4,299.22	335.52
40 05 19 00-3661 EA 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	5,013.94	402.63
40 05 19 00-3662 EA 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	6,601.44	507.00
40 05 19 00-3663 EA 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	9,452.62	574.11
40 05 19 00-3664 EA 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	15,999.95	760.51
40 05 19 00-3665 EA 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	23,915.57	861.16
40 05 19 00-3666 EA 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	36,354.65	984.19
40 05 19 00-3667 EA 48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 11-1/4 Degree Elbow.....	49,278.80	1,207.87

MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3668			Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbows <small>(40 05 19 00-2059)</small>		
40 05 19 00-3669	EA		6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,129.44	140.17
40 05 19 00-3670	EA		8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,464.38	150.61
40 05 19 00-3671	EA		8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	1,589.46	167.76
40 05 19 00-3672	EA		10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,197.57	174.47
40 05 19 00-3673	EA		10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,235.31	191.62
40 05 19 00-3674	EA		10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,400.61	202.06
40 05 19 00-3675	EA		12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,625.71	204.30
40 05 19 00-3676	EA		12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	2,935.45	214.73
40 05 19 00-3677	EA		12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,070.69	238.59
40 05 19 00-3678	EA		14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,063.10	214.73
40 05 19 00-3679	EA		14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,324.14	225.17
40 05 19 00-3680	EA		14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,602.14	249.03
40 05 19 00-3681	EA		14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,916.97	261.70
40 05 19 00-3682	EA		16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,525.97	246.42
40 05 19 00-3683	EA		16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	3,738.30	256.86
40 05 19 00-3684	EA		16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,164.12	280.71
40 05 19 00-3685	EA		16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,480.05	293.02
40 05 19 00-3686	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,738.29	303.83
40 05 19 00-3687	EA		18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,095.81	279.97
40 05 19 00-3688	EA		18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,749.87	290.40
40 05 19 00-3689	EA		18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	4,831.36	314.27
40 05 19 00-3690	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,046.52	326.57
40 05 19 00-3691	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,405.54	337.39
40 05 19 00-3692	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,792.83	369.07
40 05 19 00-3693	EA		20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,125.54	332.16
40 05 19 00-3694	EA		20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	5,406.73	342.60
40 05 19 00-3695	EA		20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,496.00	366.46
40 05 19 00-3696	EA		20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	6,692.67	378.76
40 05 19 00-3697	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,298.58	389.57
40 05 19 00-3698	EA		20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,104.74	421.27
40 05 19 00-3699	EA		20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,469.66	454.81
40 05 19 00-3700	EA		24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,112.95	365.72
40 05 19 00-3701	EA		24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,389.10	376.15
40 05 19 00-3702	EA		24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	7,848.52	400.01
40 05 19 00-3703	EA		24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,182.92	412.32
40 05 19 00-3704	EA		24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	8,830.83	423.12
40 05 19 00-3705	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,406.23	454.81
40 05 19 00-3706	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	9,561.21	488.36
40 05 19 00-3707	EA		24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	10,024.99	482.97
40 05 19 00-3708	EA		30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,116.68	505.52
40 05 19 00-3709	EA		30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	12,811.61	516.32
40 05 19 00-3710	EA		30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	14,514.02	548.01
40 05 19 00-3711	EA		30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	16,350.28	581.56
40 05 19 00-3712	EA		30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	21,921.65	633.76
40 05 19 00-3713	EA		30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,430.38	667.31
40 05 19 00-3714	EA		36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	21,164.83	684.08
40 05 19 00-3715	EA		36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	23,130.40	717.64
40 05 19 00-3716	EA		36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	24,232.34	810.84
40 05 19 00-3717	EA		42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	31,451.52	745.60
40 05 19 00-3718	EA		42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,209.46	779.15
40 05 19 00-3719	EA		42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	32,155.84	872.35
40 05 19 00-3720	EA		42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	45,972.89	922.68
40 05 19 00-3721	EA		48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	43,968.83	900.31
40 05 19 00-3722	EA		48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	47,791.74	993.51
40 05 19 00-3723	EA		48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	49,152.88	1,043.83
40 05 19 00-3724	EA		48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing 90 Degree Elbow	61,026.80	1,105.35
40 05 19 00-3725			Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbows <small>(40 05 19 00-2059)</small>		
40 05 19 00-3726	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	928.78	123.03
40 05 19 00-3727	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	1,469.52	157.32
40 05 19 00-3728	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	2,194.82	178.19
40 05 19 00-3729	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	3,069.96	225.92
40 05 19 00-3730	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	4,309.83	250.52
40 05 19 00-3731	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	5,058.11	272.15
40 05 19 00-3732	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	6,449.11	335.52
40 05 19 00-3733	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	7,896.13	402.63
40 05 19 00-3734	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	10,550.18	507.00
40 05 19 00-3735	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	15,425.27	574.11
40 05 19 00-3736	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	26,769.55	760.51
40 05 19 00-3737	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	40,600.71	861.16
40 05 19 00-3738	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Long Radius 90 Degree Elbow	62,633.67	984.19
40 05 19 00-3739			Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbows With Base <small>(40 05 19 00-2059)</small>		
40 05 19 00-3740	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	975.81	123.03
40 05 19 00-3741	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base	1,377.14	157.32

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3742	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	2,256.97	178.19
40 05 19 00-3743	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	3,022.93	225.92
40 05 19 00-3744	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	4,052.86	250.52
40 05 19 00-3745	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	4,811.21	272.15
40 05 19 00-3746	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	5,862.92	335.52
40 05 19 00-3747	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	7,264.61	402.63
40 05 19 00-3748	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	9,389.58	507.00
40 05 19 00-3749	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	13,214.92	574.11
40 05 19 00-3750	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	21,356.20	760.51
40 05 19 00-3751	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	30,454.25	861.16
40 05 19 00-3752	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	53,743.55	984.19
40 05 19 00-3753	EA		48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron 90 Degree Elbow With Base.....	60,280.18	1,207.87
40 05 19 00-3754			Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees <small>(40 05 19 00-2059)</small>		
40 05 19 00-3755	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	1,187.87	197.59
40 05 19 00-3756	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	1,540.64	243.06
40 05 19 00-3757	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	2,245.32	271.39
40 05 19 00-3758	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	3,183.07	352.67
40 05 19 00-3759	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	4,278.04	384.73
40 05 19 00-3760	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	5,758.16	413.80
40 05 19 00-3761	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	6,205.82	521.92
40 05 19 00-3762	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	7,719.57	596.48
40 05 19 00-3763	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	9,710.31	753.05
40 05 19 00-3764	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	14,375.61	831.34
40 05 19 00-3765	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	23,680.33	1,148.22
40 05 19 00-3766	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	33,553.59	1,315.98
40 05 19 00-3767	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee.....	72,046.60	1,521.02
40 05 19 00-3768			Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tees <small>(40 05 19 00-2059)</small>		
40 05 19 00-3769	EA		6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	1,592.41	220.70
40 05 19 00-3770	EA		8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,079.56	225.17
40 05 19 00-3771	EA		8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,038.51	253.51
40 05 19 00-3772	EA		10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,782.50	249.03
40 05 19 00-3773	EA		10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,702.82	277.36
40 05 19 00-3774	EA		10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	2,815.60	295.26
40 05 19 00-3775	EA		12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,565.94	261.70
40 05 19 00-3776	EA		12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,514.80	290.03
40 05 19 00-3777	EA		12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	3,666.20	307.93
40 05 19 00-3778	EA		12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	4,225.16	365.35
40 05 19 00-3779	EA		14" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,132.02	272.15
40 05 19 00-3780	EA		14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,000.27	300.48
40 05 19 00-3781	EA		14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,175.18	318.36
40 05 19 00-3782	EA		14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,359.58	375.78
40 05 19 00-3783	EA		14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,634.74	395.54
40 05 19 00-3784	EA		16" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,199.54	303.83
40 05 19 00-3785	EA		16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,196.08	332.16
40 05 19 00-3786	EA		16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,312.21	350.06
40 05 19 00-3787	EA		16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,417.04	407.47
40 05 19 00-3788	EA		16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,728.10	427.23
40 05 19 00-3789	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,859.28	445.49
40 05 19 00-3790	EA		18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	5,804.54	365.72
40 05 19 00-3791	EA		18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,847.82	383.61
40 05 19 00-3792	EA		18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,785.31	441.02
40 05 19 00-3793	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	6,400.39	460.78
40 05 19 00-3794	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	7,914.52	479.04
40 05 19 00-3795	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,324.24	555.47
40 05 19 00-3796	EA		20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,308.96	417.91
40 05 19 00-3797	EA		20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,440.22	435.80
40 05 19 00-3798	EA		20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,666.77	493.21
40 05 19 00-3799	EA		20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	8,980.40	512.97
40 05 19 00-3800	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	9,060.13	531.24
40 05 19 00-3801	EA		20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,702.68	607.66
40 05 19 00-3802	EA		20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,868.96	648.67
40 05 19 00-3803	EA		24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	9,609.42	451.46
40 05 19 00-3804	EA		24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	9,982.53	469.35
40 05 19 00-3805	EA		24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	10,262.68	526.77
40 05 19 00-3806	EA		24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,364.36	546.52
40 05 19 00-3807	EA		24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,621.99	564.79
40 05 19 00-3808	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	11,877.18	641.21
40 05 19 00-3809	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,377.45	682.22
40 05 19 00-3810	EA		24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	15,821.22	729.02
40 05 19 00-3811	EA		30" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	19,114.40	544.65
40 05 19 00-3812	EA		30" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	19,196.94	562.55
40 05 19 00-3813	EA		30" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	19,623.20	619.97
40 05 19 00-3814	EA		30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	19,653.15	639.72
40 05 19 00-3815	EA		30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	19,680.82	657.99
40 05 19 00-3816	EA		30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	19,796.61	734.41
40 05 19 00-3817	EA		30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee.....	20,418.06	775.42

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-3818	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	21,394.17	879.80
40 05 19 00-3819	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	26,114.45	924.54
40 05 19 00-3820	EA	36" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,456.75	779.52
40 05 19 00-3821	EA	36" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,703.29	793.69
40 05 19 00-3822	EA	36" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	27,820.29	834.33
40 05 19 00-3823	EA	36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,014.22	850.36
40 05 19 00-3824	EA	36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,093.34	864.89
40 05 19 00-3825	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,286.10	918.95
40 05 19 00-3826	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,401.37	956.23
40 05 19 00-3827	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	28,743.38	1,034.52
40 05 19 00-3828	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	29,313.29	1,073.66
40 05 19 00-3829	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	37,947.99	1,232.10
40 05 19 00-3830	EA	42" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,835.44	751.56
40 05 19 00-3831	EA	42" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	41,925.26	769.83
40 05 19 00-3832	EA	42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,158.63	846.25
40 05 19 00-3833	EA	42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,281.23	887.26
40 05 19 00-3834	EA	42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	42,679.56	991.64
40 05 19 00-3835	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	43,229.40	1,036.38
40 05 19 00-3836	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	54,151.46	1,260.06
40 05 19 00-3837	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	69,182.09	1,377.49
40 05 19 00-3838	EA	48" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,226.75	872.72
40 05 19 00-3839	EA	48" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,254.43	890.99
40 05 19 00-3840	EA	48" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,548.26	967.41
40 05 19 00-3841	EA	48" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	56,610.39	1,008.42
40 05 19 00-3842	EA	48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,008.73	1,112.80
40 05 19 00-3843	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	57,499.77	1,157.54
40 05 19 00-3844	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Reducing Tee	58,680.16	1,381.22

40 05 19 00-3845 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tees With Base

(40 05 19 00-2059)

40 05 19 00-3846	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,285.29	197.59
40 05 19 00-3847	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	1,824.49	243.06
40 05 19 00-3848	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	2,725.69	271.39
40 05 19 00-3849	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	4,093.41	352.67
40 05 19 00-3850	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	5,541.10	384.73
40 05 19 00-3851	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	6,250.28	413.80
40 05 19 00-3852	EA	16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	7,656.99	521.92
40 05 19 00-3853	EA	18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	9,263.12	596.48
40 05 19 00-3854	EA	20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	12,184.36	753.05
40 05 19 00-3855	EA	24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	17,603.80	831.34
40 05 19 00-3856	EA	30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	29,216.30	1,148.22
40 05 19 00-3857	EA	36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Tee With Base	41,682.86	1,315.98

40 05 19 00-3858 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wyes

(40 05 19 00-2059)

40 05 19 00-3859	EA	4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,041.74	197.59
40 05 19 00-3860	EA	6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	1,528.88	243.06
40 05 19 00-3861	EA	8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	2,283.95	271.39
40 05 19 00-3862	EA	10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	3,011.75	352.67
40 05 19 00-3863	EA	12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	4,590.45	384.73
40 05 19 00-3864	EA	14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Wye	6,171.34	413.80

40 05 19 00-3865 Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Crosses

(40 05 19 00-2059)

40 05 19 00-3866	EA	4" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,334.44	272.15
40 05 19 00-3867	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,899.64	294.88
40 05 19 00-3868	EA	6" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	1,967.84	328.81
40 05 19 00-3869	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,473.01	299.72
40 05 19 00-3870	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,633.67	339.24
40 05 19 00-3871	EA	8" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	2,687.19	364.59
40 05 19 00-3872	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,266.67	323.59
40 05 19 00-3873	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,523.05	363.11
40 05 19 00-3874	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	3,806.68	388.46
40 05 19 00-3875	EA	10" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,577.71	479.42
40 05 19 00-3876	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,293.07	335.89
40 05 19 00-3877	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,450.36	375.41
40 05 19 00-3878	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	4,733.99	400.76
40 05 19 00-3879	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,555.40	491.72
40 05 19 00-3880	EA	12" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,196.89	518.93
40 05 19 00-3881	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,375.40	386.22
40 05 19 00-3882	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	5,659.03	411.57
40 05 19 00-3883	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,136.13	502.53
40 05 19 00-3884	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,620.77	529.75
40 05 19 00-3885	EA	14" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,901.62	555.47
40 05 19 00-3886	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,426.13	417.91
40 05 19 00-3887	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,756.79	443.26
40 05 19 00-3888	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,235.58	534.22
40 05 19 00-3889	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,767.25	561.44

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 19 00-3890	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,693.46	587.16
40 05 19 00-3891	EA		16" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,577.66	708.32
40 05 19 00-3892	EA		18" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	6,750.75	451.46
40 05 19 00-3893	EA		18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,081.41	476.81
40 05 19 00-3894	EA		18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,462.77	567.77
40 05 19 00-3895	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	7,994.44	594.99
40 05 19 00-3896	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,106.69	620.71
40 05 19 00-3897	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,731.99	741.87
40 05 19 00-3898	EA		18" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,096.00	790.33
40 05 19 00-3899	EA		20" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	8,702.58	503.65
40 05 19 00-3900	EA		20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,056.75	529.00
40 05 19 00-3901	EA		20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,404.51	619.97
40 05 19 00-3902	EA		20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	9,971.48	647.17
40 05 19 00-3903	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	10,117.93	672.90
40 05 19 00-3904	EA		20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,090.29	794.06
40 05 19 00-3905	EA		20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,477.80	842.52
40 05 19 00-3906	EA		20" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,452.38	999.10
40 05 19 00-3907	EA		24" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,528.11	537.20
40 05 19 00-3908	EA		24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	11,779.83	562.55
40 05 19 00-3909	EA		24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,283.81	653.51
40 05 19 00-3910	EA		24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,640.81	680.73
40 05 19 00-3911	EA		24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	12,837.67	706.45
40 05 19 00-3912	EA		24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	13,399.07	827.61
40 05 19 00-3913	EA		24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	17,199.60	876.08
40 05 19 00-3914	EA		24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	18,031.50	975.06
40 05 19 00-3915	EA		24" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	19,676.50	1,088.57
40 05 19 00-3916	EA		30" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,701.34	773.93
40 05 19 00-3917	EA		30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	20,795.73	799.65
40 05 19 00-3918	EA		30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,372.33	920.81
40 05 19 00-3919	EA		30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	21,561.65	969.28
40 05 19 00-3920	EA		30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	22,416.98	1,125.85
40 05 19 00-3921	EA		30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	28,984.96	1,181.77
40 05 19 00-3922	EA		30" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	32,395.36	1,535.93
40 05 19 00-3923	EA		36" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,003.61	984.56
40 05 19 00-3924	EA		36" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,036.93	1,006.56
40 05 19 00-3925	EA		36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,529.26	1,105.35
40 05 19 00-3926	EA		36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	29,707.89	1,150.08
40 05 19 00-3927	EA		36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	30,412.83	1,280.56
40 05 19 00-3928	EA		36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	31,391.02	1,330.89
40 05 19 00-3929	EA		36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	41,918.13	1,619.81
40 05 19 00-3930	EA		36" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	45,756.36	1,770.79
40 05 19 00-3931	EA		42" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,279.18	1,032.65
40 05 19 00-3932	EA		42" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	43,414.74	1,081.11
40 05 19 00-3933	EA		42" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	44,226.40	1,237.69
40 05 19 00-3934	EA		42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	45,268.51	1,293.61
40 05 19 00-3935	EA		42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	58,304.69	1,647.77
40 05 19 00-3936	EA		42" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	79,431.48	1,832.31
40 05 19 00-3937	EA		48" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	58,950.28	1,358.85
40 05 19 00-3938	EA		48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	59,992.37	1,414.77
40 05 19 00-3939	EA		48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Cross	62,252.25	1,768.93

40 05 19 00-3940 Flanged End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducers (40 05 19 00-2059)

40 05 19 00-3941	EA		6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	963.16	140.17
40 05 19 00-3942	EA		8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,289.70	150.61
40 05 19 00-3943	EA		8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,369.43	167.76
40 05 19 00-3944	EA		10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,725.60	174.47
40 05 19 00-3945	EA		10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,714.63	191.62
40 05 19 00-3946	EA		10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	1,928.64	202.06
40 05 19 00-3947	EA		12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,210.05	187.14
40 05 19 00-3948	EA		12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,241.08	204.30
40 05 19 00-3949	EA		12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,399.66	214.73
40 05 19 00-3950	EA		12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,607.13	238.59
40 05 19 00-3951	EA		14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,722.14	214.73
40 05 19 00-3952	EA		14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	2,934.47	225.17
40 05 19 00-3953	EA		14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,138.57	249.03
40 05 19 00-3954	EA		14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,043.58	261.70
40 05 19 00-3955	EA		16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,235.40	246.42
40 05 19 00-3956	EA		16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,079.90	256.86
40 05 19 00-3957	EA		16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,326.00	280.71
40 05 19 00-3958	EA		16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,727.59	293.02
40 05 19 00-3959	EA		16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,199.14	303.83
40 05 19 00-3960	EA		18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	3,916.79	290.40
40 05 19 00-3961	EA		18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,198.15	314.27
40 05 19 00-3962	EA		18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,154.65	326.57
40 05 19 00-3963	EA		18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,671.56	337.39
40 05 19 00-3964	EA		18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,617.11	369.07
40 05 19 00-3965	EA		20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,775.20	342.60
40 05 19 00-3966	EA		20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,073.37	366.46
40 05 19 00-3967	EA		20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	4,947.57	378.76
40 05 19 00-3968	EA		20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,583.71	389.57

MINOR
CSI UOM DESCRIPTION

TOTAL DIRECT DEMOLITION
UNIT COST UNIT COST

40 05 19 00-3969	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	5,240.38	421.27
40 05 19 00-3970	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,263.70	454.81
40 05 19 00-3971	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,938.17	400.01
40 05 19 00-3972	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,502.68	412.32
40 05 19 00-3973	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	7,660.15	423.12
40 05 19 00-3974	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	6,834.77	454.81
40 05 19 00-3975	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,034.45	488.36
40 05 19 00-3976	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	8,446.16	482.97
40 05 19 00-3977	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,505.86	548.01
40 05 19 00-3978	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	11,897.66	581.56
40 05 19 00-3979	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	12,653.62	633.76
40 05 19 00-3980	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	13,829.79	667.31
40 05 19 00-3981	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,338.74	598.35
40 05 19 00-3982	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	16,567.61	631.89
40 05 19 00-3983	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	17,590.64	684.08
40 05 19 00-3984	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	18,509.82	717.64
40 05 19 00-3985	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	21,022.63	810.84
40 05 19 00-3986	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	25,701.01	779.15
40 05 19 00-3987	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	28,729.45	872.35
40 05 19 00-3988	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	32,232.09	922.68
40 05 19 00-3989	EA	48" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	34,070.95	900.31
40 05 19 00-3990	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	36,083.25	993.51
40 05 19 00-3991	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	40,067.92	1,043.83
40 05 19 00-3992	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Concentric Reducer	44,612.06	1,105.35

40 05 19 00-3993

Sealed End x Flanged End, Ceramic Epoxy Lined (P401), Bituminous
Seal Coat, Ductile Iron Eccentric Reducers (40 05 19 00-2059)

40 05 19 00-3994	EA	6" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,032.02	140.17
40 05 19 00-3995	EA	8" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,368.64	150.61
40 05 19 00-3996	EA	8" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,490.37	167.76
40 05 19 00-3997	EA	10" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,725.60	174.47
40 05 19 00-3998	EA	10" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	1,798.61	191.62
40 05 19 00-3999	EA	10" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,009.26	202.06
40 05 19 00-4000	EA	12" x 4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,210.05	187.14
40 05 19 00-4001	EA	12" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,335.14	204.30
40 05 19 00-4002	EA	12" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,497.07	214.73
40 05 19 00-4003	EA	12" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,776.76	238.59
40 05 19 00-4004	EA	14" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,722.14	214.73
40 05 19 00-4005	EA	14" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	2,884.08	225.17
40 05 19 00-4006	EA	14" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,115.06	249.03
40 05 19 00-4007	EA	14" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,476.92	261.70
40 05 19 00-4008	EA	16" x 6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,235.40	246.42
40 05 19 00-4009	EA	16" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,444.37	256.86
40 05 19 00-4010	EA	16" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,727.42	280.71
40 05 19 00-4011	EA	16" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,038.31	293.02
40 05 19 00-4012	EA	16" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,199.14	303.83
40 05 19 00-4013	EA	18" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	3,916.79	290.40
40 05 19 00-4014	EA	18" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,198.15	314.27
40 05 19 00-4015	EA	18" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,507.36	326.57
40 05 19 00-4016	EA	18" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	4,671.56	337.39
40 05 19 00-4017	EA	18" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,011.82	369.07
40 05 19 00-4018	EA	20" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,037.21	342.60
40 05 19 00-4019	EA	20" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,258.13	366.46
40 05 19 00-4020	EA	20" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,461.53	378.76
40 05 19 00-4021	EA	20" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,583.71	389.57
40 05 19 00-4022	EA	20" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	5,997.88	421.27
40 05 19 00-4023	EA	20" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	6,258.66	454.81
40 05 19 00-4024	EA	24" x 8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,133.80	376.15
40 05 19 00-4025	EA	24" x 10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,059.10	400.01
40 05 19 00-4026	EA	24" x 12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,183.56	412.32
40 05 19 00-4027	EA	24" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,304.07	423.12
40 05 19 00-4028	EA	24" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	7,719.92	454.81
40 05 19 00-4029	EA	24" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,034.45	488.36
40 05 19 00-4030	EA	24" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	8,446.16	482.97
40 05 19 00-4031	EA	30" x 14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	14,240.94	516.32
40 05 19 00-4032	EA	30" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,256.00	548.01
40 05 19 00-4033	EA	30" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	11,953.08	581.56
40 05 19 00-4034	EA	30" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	12,653.62	633.76
40 05 19 00-4035	EA	30" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	13,829.79	667.31
40 05 19 00-4036	EA	36" x 16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,357.86	598.35
40 05 19 00-4037	EA	36" x 18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	15,989.83	631.89
40 05 19 00-4038	EA	36" x 20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	16,913.03	684.08
40 05 19 00-4039	EA	36" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	18,451.03	717.64
40 05 19 00-4040	EA	36" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	21,319.92	810.84
40 05 19 00-4041	EA	42" x 24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	25,701.01	779.15
40 05 19 00-4042	EA	42" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	28,729.45	872.35
40 05 19 00-4043	EA	42" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	32,232.09	922.68
40 05 19 00-4044	EA	48" x 30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	36,083.25	993.51
40 05 19 00-4045	EA	48" x 36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	40,067.92	1,043.83
40 05 19 00-4046	EA	48" x 42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Eccentric Reducer	44,612.06	1,105.35

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 19 00-4047			Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flanges <small>(40 05 19 00-2059)</small>		
40 05 19 00-4048	EA		4" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	481.57	48.47
40 05 19 00-4049	EA		6" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	733.26	71.58
40 05 19 00-4050	EA		8" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	982.02	84.99
40 05 19 00-4051	EA		10" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,435.14	99.17
40 05 19 00-4052	EA		12" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	1,906.22	116.31
40 05 19 00-4053	EA		14" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	2,634.80	130.48
40 05 19 00-4054	EA		16" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	3,185.40	149.12
40 05 19 00-4055	EA		18" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	4,285.21	208.77
40 05 19 00-4056	EA		20" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	5,758.35	260.96
40 05 19 00-4057	EA		24" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	8,459.90	316.88
40 05 19 00-4058	EA		30" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	12,287.85	369.07
40 05 19 00-4059	EA		36" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	23,122.32	406.35
40 05 19 00-4060	EA		42" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	33,191.51	447.36
40 05 19 00-4061	EA		48" Flanged, Ceramic Epoxy Lined (P401), Bituminous Seal Coat, Ductile Iron Blind Flange.....	44,274.27	503.28

40 05 19 00-4062			Ductile Iron Bolt Packs <small>(40 05 19)</small>		
			Note: Labor installation is included with pipe fittings or valves.		
40 05 19 00-4063	EA		4" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	44.25	
			Note: Includes eight (8) 5/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	12.39	
			For Hot Dip Galvanized, Add	17.70	
40 05 19 00-4064	EA		6" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	68.27	
			Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	19.12	
			For Hot Dip Galvanized, Add	27.31	
40 05 19 00-4065	EA		8" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	74.13	
			Note: Includes eight (8) 3/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	20.76	
			For Hot Dip Galvanized, Add	29.65	
40 05 19 00-4066	EA		10" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	166.52	
			Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	46.63	
			For Hot Dip Galvanized, Add	66.61	
40 05 19 00-4067	EA		12" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	167.98	
			Note: Includes twelve (12) 7/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	47.03	
			For Hot Dip Galvanized, Add	67.19	
40 05 19 00-4068	EA		14" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	188.20	
			Note: Includes twelve (12) 1" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	52.70	
			For Hot Dip Galvanized, Add	75.28	
40 05 19 00-4069	EA		16" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	316.39	
			Note: Includes sixteen (16) 1" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	88.59	
			For Hot Dip Galvanized, Add	126.56	
40 05 19 00-4070	EA		18" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	459.63	
			Note: Includes sixteen (16) 1-1/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	128.70	
			For Hot Dip Galvanized, Add	183.85	
40 05 19 00-4071	EA		20" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	580.34	
			Note: Includes twenty (20) 1-1/8" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	162.50	
			For Hot Dip Galvanized, Add	232.14	
40 05 19 00-4072	EA		24" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	830.36	
			Note: Includes twenty (20) 1-1/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	232.50	
			For Hot Dip Galvanized, Add	332.14	
40 05 19 00-4073	EA		30" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,312.09	
			Note: Includes twenty-eight (28) 1-1/4" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	367.39	
			For Hot Dip Galvanized, Add	524.84	
40 05 19 00-4074	EA		36" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	1,871.73	
			Note: Includes thirty-two (32) 1-1/2" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	524.08	
			For Hot Dip Galvanized, Add	748.69	
40 05 19 00-4075	EA		42" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	2,407.93	
			Note: Includes thirty-six (36) 1-1/2" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	674.22	
			For Hot Dip Galvanized, Add	963.17	
40 05 19 00-4076	EA		48" Pipe Diameter, Ductile Iron Flange Bolt Pack.....	2,943.02	
			Note: Includes forty-four (44) 1-1/2" diameter plain finish bolts with washers and nut.		
			For Zinc Plated, Add	824.05	
			For Hot Dip Galvanized, Add	1,177.21	

40 05 19 00-4077			Full Face Flange Gaskets, ANSI/AWWA C115/A21.15 <small>(40 05 19)</small>		
			Note: Labor installation is included with pipe fittings or valves.		
40 05 19 00-4078			Full Face Flange Styrene Butadiene (SBR) Gaskets <small>(40 05 19 00-4077)</small>		
40 05 19 00-4079	EA		4" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	9.01	
40 05 19 00-4080	EA		6" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	11.47	
40 05 19 00-4081	EA		8" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick.....	15.56	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 19 Ductile Iron Process Pipe**
 MINOR
 CSI UOM DESCRIPTION

 TOTAL DIRECT DEMOLITION
 UNIT COST UNIT COST

40 05 19 00-4082	EA	10" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	18.02
40 05 19 00-4083	EA	12" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	19.66
40 05 19 00-4084	EA	14" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	32.76
40 05 19 00-4085	EA	16" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	40.13
40 05 19 00-4086	EA	18" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	42.59
40 05 19 00-4087	EA	20" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	65.52
40 05 19 00-4088	EA	24" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	70.43
40 05 19 00-4089	EA	30" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	90.91
40 05 19 00-4090	EA	36" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	104.01
40 05 19 00-4091	EA	42" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	111.38
40 05 19 00-4092	EA	48" Full Face Flange Styrene Butadiene (SBR) Gasket, 1/8" Thick	122.03

40 05 19 00-4093 Full Face Flange Nitrile Buna-N (NBR) Gaskets (40 05 19 00-4077)

Note: (Acrylonitrile Butadiene)

40 05 19 00-4094	EA	4" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	27.85
40 05 19 00-4095	EA	6" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	39.31
40 05 19 00-4096	EA	8" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	60.61
40 05 19 00-4097	EA	10" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	66.34
40 05 19 00-4098	EA	12" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	71.25
40 05 19 00-4099	EA	14" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	134.32
40 05 19 00-4100	EA	16" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	165.44
40 05 19 00-4101	EA	18" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	166.26
40 05 19 00-4102	EA	20" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	172.81
40 05 19 00-4103	EA	24" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	182.64
40 05 19 00-4104	EA	30" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	202.29
40 05 19 00-4105	EA	36" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	222.77
40 05 19 00-4106	EA	42" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	316.95
40 05 19 00-4107	EA	48" Full Face Flange Nitrile (NBR) Gasket, 1/8" Thick	346.44

40 05 19 00-4108 Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gaskets (40 05 19 00-4077)

19 00-4077

40 05 19 00-4109	EA	4" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	24.57
40 05 19 00-4110	EA	6" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	31.94
40 05 19 00-4111	EA	8" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	43.41
40 05 19 00-4112	EA	10" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	50.78
40 05 19 00-4113	EA	12" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	56.51
40 05 19 00-4114	EA	14" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	93.37
40 05 19 00-4115	EA	16" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	112.20
40 05 19 00-4116	EA	18" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	113.02
40 05 19 00-4117	EA	20" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	115.48
40 05 19 00-4118	EA	24" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	134.32
40 05 19 00-4119	EA	30" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	164.62
40 05 19 00-4120	EA	36" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	187.55
40 05 19 00-4121	EA	42" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	268.63
40 05 19 00-4122	EA	48" Full Face Flange Ethylene Propylene Diene Monomer (EPDM) Gasket, 1/8" Thick	296.48

40 05 19 00-4123 Full Face Flange Neoprene Gaskets (40 05 19 00-4077)

Note: (Polychloroprene)

40 05 19 00-4124	EA	4" Full Face Flange Neoprene Gasket, 1/8" Thick	28.66
40 05 19 00-4125	EA	6" Full Face Flange Neoprene Gasket, 1/8" Thick	40.13
40 05 19 00-4126	EA	8" Full Face Flange Neoprene Gasket, 1/8" Thick	61.42
40 05 19 00-4127	EA	10" Full Face Flange Neoprene Gasket, 1/8" Thick	66.34
40 05 19 00-4128	EA	12" Full Face Flange Neoprene Gasket, 1/8" Thick	71.25
40 05 19 00-4129	EA	14" Full Face Flange Neoprene Gasket, 1/8" Thick	95.00
40 05 19 00-4130	EA	16" Full Face Flange Neoprene Gasket, 1/8" Thick	167.08
40 05 19 00-4131	EA	18" Full Face Flange Neoprene Gasket, 1/8" Thick	167.90
40 05 19 00-4132	EA	20" Full Face Flange Neoprene Gasket, 1/8" Thick	177.72
40 05 19 00-4133	EA	24" Full Face Flange Neoprene Gasket, 1/8" Thick	180.18
40 05 19 00-4134	EA	30" Full Face Flange Neoprene Gasket, 1/8" Thick	195.74
40 05 19 00-4135	EA	36" Full Face Flange Neoprene Gasket, 1/8" Thick	220.31
40 05 19 00-4136	EA	42" Full Face Flange Neoprene Gasket, 1/8" Thick	319.41
40 05 19 00-4137	EA	48" Full Face Flange Neoprene Gasket, 1/8" Thick	349.71

40 05 19 00-4138 Full Face Flange FKM Gaskets (40 05 19 00-4077)

Note: (Fluoroelastomer Fluorel Viton®)

40 05 19 00-4139	EA	4" Full Face Flange FKM Gasket, 1/8" Thick	118.95
40 05 19 00-4140	EA	6" Full Face Flange FKM Gasket, 1/8" Thick	177.10
40 05 19 00-4141	EA	8" Full Face Flange FKM Gasket, 1/8" Thick	236.58
40 05 19 00-4142	EA	10" Full Face Flange FKM Gasket, 1/8" Thick	285.48
40 05 19 00-4143	EA	12" Full Face Flange FKM Gasket, 1/8" Thick	371.38
40 05 19 00-4144	EA	14" Full Face Flange FKM Gasket, 1/8" Thick	679.33
40 05 19 00-4145	EA	16" Full Face Flange FKM Gasket, 1/8" Thick	778.45
40 05 19 00-4146	EA	18" Full Face Flange FKM Gasket, 1/8" Thick	815.46
40 05 19 00-4147	EA	20" Full Face Flange FKM Gasket, 1/8" Thick	869.65
40 05 19 00-4148	EA	24" Full Face Flange FKM Gasket, 1/8" Thick	1,202.70
40 05 19 00-4149	EA	30" Full Face Flange FKM Gasket, 1/8" Thick	1,441.92
40 05 19 00-4150	EA	36" Full Face Flange FKM Gasket, 1/8" Thick	1,521.22
40 05 19 00-4151	EA	42" Full Face Flange FKM Gasket, 1/8" Thick	1,896.57
40 05 19 00-4152	EA	48" Full Face Flange FKM Gasket, 1/8" Thick	1,987.76

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 19 00-4153			Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100) <small>(40 05 19)</small>		
40 05 19 00-4154	EA		4" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	387.83	68.64
40 05 19 00-4155	EA		6" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	540.02	83.80
40 05 19 00-4156	EA		8" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	803.13	102.20
40 05 19 00-4157	EA		10" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	1,105.69	124.68
40 05 19 00-4158	EA		12" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	1,404.77	152.03
40 05 19 00-4159	EA		14" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	2,266.95	185.49
40 05 19 00-4160	EA		16" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	3,576.30	226.36
40 05 19 00-4161	EA		18" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	3,685.36	276.09
40 05 19 00-4162	EA		20" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	4,515.44	336.90
40 05 19 00-4163	EA		24" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	5,024.97	410.94
40 05 19 00-4164	EA		30" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	6,481.00	501.44
40 05 19 00-4165	EA		36" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	9,657.76	611.67
40 05 19 00-4166	EA		42" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	25,322.65	746.31
40 05 19 00-4167	EA		48" Restrained Flange Adapter For Ductile Iron Pipe (Megaflange 2100).....	32,352.45	910.44

40 05 23 Stainless Steel Process Pipe and Tubing (40 05)

40 05 23 23 300- and 400-Series Stainless Steel Process Pipe (40 05 23)

40 05 23 23-0001			Schedule 40 Pipe, Type 304, With 150 LB Screwed Fittings Assembly <small>(40 05 23 23)</small>		
			Note: Includes hangers and fittings. Fittings are assumed every 10'. Not for use where detail is available.		
40 05 23 23-0002	LF		1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	36.54	8.78
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	4.91	
			<i>For Work In Restricted Working Space, Add</i>	5.30	
40 05 23 23-0003	LF		3/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	40.77	10.07
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	5.15	
			<i>For Work In Restricted Working Space, Add</i>	6.29	
40 05 23 23-0004	LF		1" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	47.54	11.36
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	6.03	
			<i>For Work In Restricted Working Space, Add</i>	7.30	
40 05 23 23-0005	LF		1-1/4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	55.49	13.72
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	7.61	
			<i>For Work In Restricted Working Space, Add</i>	7.86	
40 05 23 23-0006	LF		1-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	61.64	14.11
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	8.72	
			<i>For Work In Restricted Working Space, Add</i>	8.43	
40 05 23 23-0007	LF		2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	74.75	18.66
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	10.63	
			<i>For Work In Restricted Working Space, Add</i>	10.16	
40 05 23 23-0008	LF		2-1/2" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	112.27	22.99
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	18.29	
			<i>For Work In Restricted Working Space, Add</i>	12.58	
40 05 23 23-0009	LF		3" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	142.90	26.65
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Type 316, Add</i>	23.82	
			<i>For Work In Restricted Working Space, Add</i>	15.39	
40 05 23 23-0010	LF		4" Stainless Steel Pipe, Schedule 40 Type 304 With 150 LB Screwed Fitting Assembly.....	197.00	26.65
			Note: Includes all fittings and hangers. Fittings are assumed every 10'. Not for use where detail is available.		
			<i>For Work In Restricted Working Space, Add</i>	19.52	

40 05 23 23-0011 Stainless Steel Tubing And Fittings (40 05 23 23)

40 05 23 23-0012 Type 304 Tubing (40 05 23 23-0011)

40 05 23 23-0013 0.035" Wall (40 05 23 23-0012)

40 05 23 23-0014	LF	1/4", 0.035" Wall, Type 304, Stainless Steel Tubing.....		8.08	2.89
			<i>For Work In Restricted Working Space, Add</i>	1.72	
40 05 23 23-0015	LF	3/8", 0.035" Wall, Type 304, Stainless Steel Tubing.....		9.33	3.43
			<i>For Work In Restricted Working Space, Add</i>	2.07	
40 05 23 23-0016	LF	1/2", 0.035" Wall, Type 304, Stainless Steel Tubing.....		11.18	4.07
			<i>For Work In Restricted Working Space, Add</i>	2.42	
40 05 23 23-0017	LF	5/8", 0.035" Wall, Type 304, Stainless Steel Tubing.....		18.71	4.61
			<i>For Work In Restricted Working Space, Add</i>	2.76	
40 05 23 23-0018	LF	3/4", 0.035" Wall, Type 304, Stainless Steel Tubing.....		22.26	5.15
			<i>For Work In Restricted Working Space, Add</i>	3.11	
40 05 23 23-0019	LF	7/8", 0.035" Wall, Type 304, Stainless Steel Tubing.....		24.62	5.79
			<i>For Work In Restricted Working Space, Add</i>	3.46	
40 05 23 23-0020	LF	1", 0.035" Wall, Type 304, Stainless Steel Tubing.....		27.40	6.96
			<i>For Work In Restricted Working Space, Add</i>	4.15	

40 05 23 23-0021 0.049" Wall (40 05 23 23-0012)

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0022	LF	1/4"	0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	13.80 2.07	3.43
40 05 23 23-0023	LF	3/8"	0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	15.33 2.42	4.07
40 05 23 23-0024	LF	1/2"	0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	18.50 2.76	4.61
40 05 23 23-0025	LF	5/8"	0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	23.43 3.46	5.79
40 05 23 23-0026	LF	3/4"	0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	26.72 4.15	6.96
40 05 23 23-0027	LF	7/8"	0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	29.95 4.84	8.04
40 05 23 23-0028	LF	1"	0.049" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	34.58 5.50	9.11
40 05 23 23-0029			0.065" Wall <small>(40 05 23 23-0012)</small>		
40 05 23 23-0030	LF	1/4"	0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	16.11 2.42	4.07
40 05 23 23-0031	LF	3/8"	0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	18.55 2.76	4.61
40 05 23 23-0032	LF	1/2"	0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	22.85 3.46	5.79
40 05 23 23-0033	LF	5/8"	0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	26.83 4.15	6.96
40 05 23 23-0034	LF	3/4"	0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	31.66 4.84	8.04
40 05 23 23-0035	LF	7/8"	0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	36.40 5.50	9.11
40 05 23 23-0036	LF	1"	0.065" Wall, Type 304, Stainless Steel Tubing..... <i>For Work In Restricted Working Space, Add</i>	41.03 6.19	10.29
40 05 23 23-0037			Type 304 Tube Fittings <small>(40 05 23 23-0011)</small>		
40 05 23 23-0038			90 Degree Elbows <small>(40 05 23 23-0037)</small>		
40 05 23 23-0039	EA	1/4"	Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	52.43 6.92	11.58
40 05 23 23-0040	EA	3/8"	Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	62.27 7.57	12.65
40 05 23 23-0041	EA	1/2"	Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	95.00 8.58	14.26
40 05 23 23-0042	EA	5/8"	Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	101.30 9.60	15.97
40 05 23 23-0043	EA	3/4"	Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	113.45 10.38	17.27
40 05 23 23-0044	EA	7/8"	Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	156.11 11.49	19.19
40 05 23 23-0045	EA	1"	Type 304, Stainless Steel, 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	199.21 13.69	22.84
40 05 23 23-0046			Union Tees <small>(40 05 23 23-0037)</small>		
40 05 23 23-0047	EA	1/4"	Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	83.44 10.38	17.27
40 05 23 23-0048	EA	3/8"	Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	101.67 11.49	19.19
40 05 23 23-0049	EA	1/2"	Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	140.11 12.87	21.45
40 05 23 23-0050	EA	5/8"	Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	150.42 14.62	24.34
40 05 23 23-0051	EA	3/4"	Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	193.43 15.69	26.16
40 05 23 23-0052	EA	7/8"	Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	310.51 17.39	28.95
40 05 23 23-0053	EA	1"	Type 304, Stainless Steel, Union Tee..... <i>For Work In Restricted Working Space, Add</i>	372.17 20.75	34.63
40 05 23 23-0054			Unions <small>(40 05 23 23-0037)</small>		
40 05 23 23-0055	EA	1/4"	Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	79.55 10.38	17.27
40 05 23 23-0056	EA	3/8"	Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	103.86 11.49	19.19
40 05 23 23-0057	EA	1/2"	Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	141.55 12.87	21.45
40 05 23 23-0058	EA	5/8"	Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	172.99 14.62	24.34
40 05 23 23-0059	EA	3/4"	Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	207.16 15.69	26.16
40 05 23 23-0060	EA	7/8"	Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	321.47 17.39	28.95
40 05 23 23-0061	EA	1"	Type 304, Stainless Steel, Union..... <i>For Work In Restricted Working Space, Add</i>	341.12 20.75	34.63

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0062 Male Connectors <small>(40 05 23 23-0037)</small>		
40 05 23 23-0063 EA 1/4" x 1/4", Type 304, Stainless Steel, Male Connection	38.52	11.58
<i>For Work In Restricted Working Space, Add</i>	6.92	
40 05 23 23-0064 EA 3/8" x 3/8", Type 304, Stainless Steel, Male Connection	48.58	12.65
<i>For Work In Restricted Working Space, Add</i>	7.57	
40 05 23 23-0065 EA 1/2" x 1/2", Type 304, Stainless Steel, Male Connection	63.54	14.26
<i>For Work In Restricted Working Space, Add</i>	8.58	
40 05 23 23-0066 EA 5/8" x 5/8" Male Connection, Stainless Steel Type 304	71.63	15.97
<i>For Work In Restricted Working Space, Add</i>	9.60	
40 05 23 23-0067 EA 3/4" x 3/4", Type 304, Stainless Steel, Male Connection	87.09	17.27
<i>For Work In Restricted Working Space, Add</i>	10.38	
40 05 23 23-0068 EA 7/8" x 7/8", Type 304, Stainless Steel, Male Connection	132.99	19.19
<i>For Work In Restricted Working Space, Add</i>	11.49	
40 05 23 23-0069 EA 1" x 1", Type 304, Stainless Steel, Male Connection	138.55	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0070 Type 304 Valves <small>(40 05 23 23-0011)</small>		
40 05 23 23-0071 Gate Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0072 EA 1/4" Gate Valve, Stainless Steel Type 304	228.58	17.27
<i>For Work In Restricted Working Space, Add</i>	9.37	
40 05 23 23-0073 EA 3/8" Gate Valve, Stainless Steel Type 304	388.74	20.27
<i>For Work In Restricted Working Space, Add</i>	9.86	
40 05 23 23-0074 EA 1/2" Gate Valve, Stainless Steel Type 304	401.50	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0075 EA 3/4" Gate Valve, Stainless Steel Type 304	444.76	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0076 EA 1" Gate Valve, Stainless Steel Type 304	404.45	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0077 Globe Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0078 EA 1/4" Globe Valve, Stainless Steel Type 304	231.81	17.27
<i>For Work In Restricted Working Space, Add</i>	9.37	
40 05 23 23-0079 EA 3/8" Globe Valve, Stainless Steel Type 304	150.93	20.27
<i>For Work In Restricted Working Space, Add</i>	9.86	
40 05 23 23-0080 EA 1/2" Globe Valve, Stainless Steel Type 304	273.59	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0081 EA 3/4" Globe Valve, Stainless Steel Type 304	304.28	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0082 EA 1" Globe Valve, Stainless Steel Type 304	445.16	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0083 Check Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0084 EA 1/4" Check Valve, Stainless Steel Type 304	326.84	17.27
<i>For Work In Restricted Working Space, Add</i>	9.37	
40 05 23 23-0085 EA 3/8" Check Valve, Stainless Steel Type 304	328.49	20.27
<i>For Work In Restricted Working Space, Add</i>	9.86	
40 05 23 23-0086 EA 1/2" Check Valve, Stainless Steel Type 304	210.87	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0087 EA 3/4" Check Valve, Stainless Steel Type 304	219.94	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0088 EA 1" Check Valve, Stainless Steel Type 304	241.60	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0089 Plug Valves <small>(40 05 23 23-0070)</small>		
40 05 23 23-0090 EA 1/2" Plug Valve, Stainless Steel Type 304	506.02	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0091 EA 3/4" Plug Valve, Stainless Steel Type 304	553.61	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0092 EA 1" Plug Valve, Stainless Steel Type 304	625.04	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0093 EA 1-1/2" Plug Valve, Stainless Steel Type 304	871.33	39.14
<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0094 EA 2" Plug Valve, Stainless Steel Type 304	1,133.69	53.61
<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0095 Type 316 Tubing <small>(40 05 23 23-0011)</small>		
40 05 23 23-0096 0.035" Wall <small>(40 05 23 23-0095)</small>		
40 05 23 23-0097 LF 1/4" Stainless Steel Tubing, Type 316, 0.035" Wall	8.43	2.89
<i>For Work In Restricted Working Space, Add</i>	1.72	
40 05 23 23-0098 LF 3/8" Stainless Steel Tubing, Type 316, 0.035" Wall	11.07	3.43
<i>For Work In Restricted Working Space, Add</i>	2.07	
40 05 23 23-0099 LF 1/2" Stainless Steel Tubing, Type 316, 0.035" Wall	12.24	4.07
<i>For Work In Restricted Working Space, Add</i>	2.42	
40 05 23 23-0100 LF 5/8" Stainless Steel Tubing, Type 316, 0.035" Wall	21.51	4.61
<i>For Work In Restricted Working Space, Add</i>	2.76	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0101	LF	3/4" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	24.43 3.11	5.15
40 05 23 23-0102	LF	7/8" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	31.32 3.46	5.79
40 05 23 23-0103	LF	1" Stainless Steel Tubing, Type 316, 0.035" Wall <i>For Work In Restricted Working Space, Add</i>	32.59 4.15	6.96
40 05 23 23-0104		0.049" Wall <small>(40 05 23 23-0095)</small>		
40 05 23 23-0105	LF	1/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	15.30 2.07	3.43
40 05 23 23-0106	LF	3/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	16.91 2.42	4.07
40 05 23 23-0107	LF	1/2" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	19.98 2.76	4.61
40 05 23 23-0108	LF	5/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	26.15 3.46	5.79
40 05 23 23-0109	LF	3/4" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	30.11 4.15	6.96
40 05 23 23-0110	LF	7/8" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	38.67 4.84	8.04
40 05 23 23-0111	LF	1" Stainless Steel Tubing, Type 316, 0.049" Wall <i>For Work In Restricted Working Space, Add</i>	39.16 5.50	9.11
40 05 23 23-0112		0.065" Wall <small>(40 05 23 23-0095)</small>		
40 05 23 23-0113	LF	1/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	17.90 2.42	4.07
40 05 23 23-0114	LF	3/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	19.92 2.76	4.61
40 05 23 23-0115	LF	1/2" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	25.00 3.46	5.79
40 05 23 23-0116	LF	5/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	29.78 4.15	6.96
40 05 23 23-0117	LF	3/4" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	36.20 4.84	8.04
40 05 23 23-0118	LF	7/8" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	39.76 5.50	9.11
40 05 23 23-0119	LF	1" Stainless Steel Tubing, Type 316, 0.065" Wall <i>For Work In Restricted Working Space, Add</i>	46.46 6.19	10.29
40 05 23 23-0120		Type 316 Tube Fittings <small>(40 05 23 23-0011)</small>		
40 05 23 23-0121		90 Degree Elbows <small>(40 05 23 23-0120)</small>		
40 05 23 23-0122	EA	1/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	73.64 6.92	11.58
40 05 23 23-0123	EA	3/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	89.01 7.57	12.65
40 05 23 23-0124	EA	1/2" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	142.95 8.58	14.26
40 05 23 23-0125	EA	5/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	151.32 9.60	15.97
40 05 23 23-0126	EA	3/4" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	170.39 10.38	17.27
40 05 23 23-0127	EA	7/8" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	241.17 11.49	19.19
40 05 23 23-0128	EA	1" 90 Degree Elbow, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	310.09 13.69	22.84
40 05 23 23-0129		Union Tees <small>(40 05 23 23-0120)</small>		
40 05 23 23-0130	EA	1/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	118.71 10.38	17.27
40 05 23 23-0131	EA	3/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	147.43 11.49	19.19
40 05 23 23-0132	EA	1/2" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	210.31 12.87	21.45
40 05 23 23-0133	EA	5/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	223.84 14.62	24.34
40 05 23 23-0134	EA	3/4" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	295.31 15.69	26.16
40 05 23 23-0135	EA	7/8" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	492.84 17.39	28.95
40 05 23 23-0136	EA	1" Union Tee, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	590.93 20.75	34.63
40 05 23 23-0137		Unions <small>(40 05 23 23-0120)</small>		
40 05 23 23-0138	EA	1/4" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	74.18 10.38	17.27
40 05 23 23-0139	EA	3/8" Union, Stainless Steel Type 316 <i>For Work In Restricted Working Space, Add</i>	96.02 11.49	19.19

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0140 EA 1/2" Union, Stainless Steel Type 316.....	129.76	21.45
<i>For Work In Restricted Working Space, Add</i>	12.87	
40 05 23 23-0141 EA 5/8" Union, Stainless Steel Type 316.....	158.14	24.34
<i>For Work In Restricted Working Space, Add</i>	14.62	
40 05 23 23-0142 EA 3/4" Union, Stainless Steel Type 316.....	188.65	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0143 EA 7/8" Union, Stainless Steel Type 316.....	289.97	28.95
<i>For Work In Restricted Working Space, Add</i>	17.39	
40 05 23 23-0144 EA 1" Union, Stainless Steel Type 316.....	308.61	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0145 Male Connectors (40 05 23 23-0120)		
40 05 23 23-0146 EA 1/4" x 1/4" Male Connector, Stainless Steel Type 316.....	49.45	11.58
<i>For Work In Restricted Working Space, Add</i>	6.92	
40 05 23 23-0147 EA 3/8" x 3/8" Male Connector, Stainless Steel Type 316.....	65.09	12.65
<i>For Work In Restricted Working Space, Add</i>	7.57	
40 05 23 23-0148 EA 1/2" x 1/2" Male Connector, Stainless Steel Type 316.....	88.24	14.26
<i>For Work In Restricted Working Space, Add</i>	8.58	
40 05 23 23-0149 EA 5/8" x 5/8" Male Connector, Stainless Steel Type 316.....	99.64	15.97
<i>For Work In Restricted Working Space, Add</i>	9.60	
40 05 23 23-0150 EA 3/4" x 3/4" Male Connector, Stainless Steel Type 316.....	124.21	17.27
<i>For Work In Restricted Working Space, Add</i>	10.38	
40 05 23 23-0151 EA 7/8" x 7/8" Male Connector, Stainless Steel Type 316.....	199.93	19.19
<i>For Work In Restricted Working Space, Add</i>	11.49	
40 05 23 23-0152 EA 1" x 1" Male Connector, Stainless Steel Type 316.....	204.25	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0153 Type 316 Valves (40 05 23 23-0011)		
40 05 23 23-0154 Gate Valves (40 05 23 23-0153)		
40 05 23 23-0155 EA 1/4" Gate Valve, Stainless Steel Type 316.....	292.30	17.27
<i>For Work In Restricted Working Space, Add</i>	9.37	
40 05 23 23-0156 EA 3/8" Gate Valve, Stainless Steel Type 316.....	503.64	20.27
<i>For Work In Restricted Working Space, Add</i>	9.86	
40 05 23 23-0157 EA 1/2" Gate Valve, Stainless Steel Type 316.....	516.40	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0158 EA 3/4" Gate Valve, Stainless Steel Type 316.....	571.48	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0159 EA 1" Gate Valve, Stainless Steel Type 316.....	512.70	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0160 EA 1-1/4" Gate Valve, Stainless Steel Type 316.....	709.28	35.92
<i>For Work In Restricted Working Space, Add</i>	21.55	
40 05 23 23-0161 EA 1-1/2" Gate Valve, Stainless Steel Type 316.....	1,147.48	39.14
<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0162 EA 2" Gate Valve, Stainless Steel Type 316.....	1,361.77	53.61
<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0163 EA 2-1/2" Gate Valve, Stainless Steel Type 316.....	1,982.67	171.65
<i>For Work In Restricted Working Space, Add</i>	102.96	
40 05 23 23-0164 Globe Valves (40 05 23 23-0153)		
40 05 23 23-0165 EA 1/4" Globe Valve, Stainless Steel Type 316.....	296.58	17.27
<i>For Work In Restricted Working Space, Add</i>	9.37	
40 05 23 23-0166 EA 3/8" Globe Valve, Stainless Steel Type 316.....	189.06	20.27
<i>For Work In Restricted Working Space, Add</i>	9.86	
40 05 23 23-0167 EA 1/2" Globe Valve, Stainless Steel Type 316.....	347.20	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0168 EA 3/4" Globe Valve, Stainless Steel Type 316.....	385.64	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0169 EA 1" Globe Valve, Stainless Steel Type 316.....	566.55	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0170 EA 1-1/4" Globe Valve, Stainless Steel Type 316.....	710.80	35.70
<i>For Work In Restricted Working Space, Add</i>	21.39	
40 05 23 23-0171 EA 1-1/2" Globe Valve, Stainless Steel Type 316.....	1,190.25	39.14
<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0172 EA 2" Globe Valve, Stainless Steel Type 316.....	1,404.54	53.61
<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0173 EA 2-1/2" Globe Valve, Stainless Steel Type 316.....	1,711.80	171.65
<i>For Work In Restricted Working Space, Add</i>	102.96	
40 05 23 23-0174 Check Valves (40 05 23 23-0153)		
40 05 23 23-0175 EA 1/4" Check Valve, Stainless Steel Type 316.....	422.28	17.27
<i>For Work In Restricted Working Space, Add</i>	9.37	
40 05 23 23-0176 EA 3/8" Check Valve, Stainless Steel Type 316.....	423.93	20.27
<i>For Work In Restricted Working Space, Add</i>	9.86	
40 05 23 23-0177 EA 1/2" Check Valve, Stainless Steel Type 316.....	264.23	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0178 EA 3/4" Check Valve, Stainless Steel Type 316.....	274.06	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0179 EA 1" Check Valve, Stainless Steel Type 316.....	297.27	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0180	EA		1-1/4" Check Valve, Stainless Steel Type 316.....	416.56	35.92
			<i>For Work In Restricted Working Space, Add</i>	21.55	
40 05 23 23-0181	EA		1-1/2" Check Valve, Stainless Steel Type 316.....	947.89	39.14
			<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0182	EA		2" Check Valve, Stainless Steel Type 316.....	1,147.93	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0183	EA		2-1/2" Check Valve, Stainless Steel Type 316.....	2,244.03	171.65
			<i>For Work In Restricted Working Space, Add</i>	102.96	
40 05 23 23-0184			Diaphragm Valves, Ethylene Propylene Diene Monomer (EPDM) Lined <small>(40 05 23 23-0153)</small>		
40 05 23 23-0185	EA		1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined.....	450.91	22.84
			<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0186	EA		3/4" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined.....	526.97	26.16
			<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0187	EA		1" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined.....	671.53	34.63
			<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0188	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined.....	1,077.57	39.14
			<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0189	EA		2" Diaphragm Valve, Stainless Steel Type 316, Ethylene Propylene Diene Monomer (EPDM) Lined.....	1,506.26	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0190			Diaphragm Valves, Teflon Lined <small>(40 05 23 23-0153)</small>		
40 05 23 23-0191	EA		1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined.....	600.80	22.84
			<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0192	EA		3/4" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined.....	690.75	26.16
			<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0193	EA		1" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined.....	835.31	34.63
			<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0194	EA		1-1/2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined.....	1,307.96	39.14
			<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0195	EA		2" Diaphragm Valve, Stainless Steel Type 316, Teflon Lined.....	1,781.06	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0196			Strainers <small>(40 05 23 23-0153)</small>		
40 05 23 23-0197	EA		1/2" Strainer, Stainless Steel Type 316.....	602.25	22.84
			<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0198	EA		3/4" Strainer, Stainless Steel Type 316.....	721.23	26.27
			<i>For Work In Restricted Working Space, Add</i>	15.76	
40 05 23 23-0199	EA		1" Strainer, Stainless Steel Type 316.....	943.44	34.84
			<i>For Work In Restricted Working Space, Add</i>	20.91	
40 05 23 23-0200	EA		1-1/4" Strainer, Stainless Steel Type 316.....	1,175.00	35.92
			<i>For Work In Restricted Working Space, Add</i>	21.55	
40 05 23 23-0201	EA		1-1/2" Strainer, Stainless Steel Type 316.....	1,477.66	39.14
			<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0202	EA		2" Strainer, Stainless Steel Type 316.....	2,132.34	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0203	EA		2-1/2" Strainer, Stainless Steel Type 316.....	2,931.56	71.30
			<i>For Work In Restricted Working Space, Add</i>	42.78	
40 05 23 23-0204	EA		3" Strainer, Stainless Steel Type 316.....	4,267.54	107.22
			<i>For Work In Restricted Working Space, Add</i>	64.33	
40 05 23 23-0205	EA		4" Strainer, Stainless Steel Type 316.....	5,446.07	171.55
			<i>For Work In Restricted Working Space, Add</i>	102.92	
40 05 23 23-0206			Plug Valves <small>(40 05 23 23-0153)</small>		
40 05 23 23-0207	EA		1/2" Plug Valve, Stainless Steel Type 316.....	642.48	22.84
			<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0208	EA		3/4" Plug Valve, Stainless Steel Type 316.....	702.20	26.16
			<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0209	EA		1" Plug Valve, Stainless Steel Type 316.....	789.81	34.63
			<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0210	EA		1-1/2" Plug Valve, Stainless Steel Type 316.....	1,106.41	39.14
			<i>For Work In Restricted Working Space, Add</i>	23.48	
40 05 23 23-0211	EA		2" Plug Valve, Stainless Steel Type 316.....	1,437.95	53.61
			<i>For Work In Restricted Working Space, Add</i>	32.17	
40 05 23 23-0212			Cut And Prepare Existing Pipe In-Place <small>(40 05 23 23-0011)</small>		
			Note: For use when connecting pipe to an existing in-place system.		
40 05 23 23-0213	EA		Cut And Prepare 1/2" Stainless Steel Pipe.....	21.44	
40 05 23 23-0214	EA		Cut And Prepare 3/4" Stainless Steel Pipe.....	23.15	
40 05 23 23-0215	EA		Cut And Prepare 1" Stainless Steel Pipe.....	26.04	
40 05 23 23-0216	EA		Cut And Prepare 1-1/4" Stainless Steel Pipe.....	27.33	
40 05 23 23-0217	EA		Cut And Prepare 1-1/2" Stainless Steel Pipe.....	28.93	
40 05 23 23-0218	EA		Cut And Prepare 2" Stainless Steel Pipe.....	31.08	
40 05 23 23-0219	EA		Cut And Prepare 2-1/2" Stainless Steel Pipe.....	33.23	
40 05 23 23-0220	EA		Cut And Prepare 3" Stainless Steel Pipe.....	36.44	
40 05 23 23-0221	EA		Cut And Prepare 4" Stainless Steel Pipe.....	39.65	
40 05 23 23-0222	EA		Cut And Prepare 6" Stainless Steel Pipe.....	42.87	
40 05 23 23-0223	EA		Cut And Prepare 8" Stainless Steel Pipe.....	46.08	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0224 EA Cut And Prepare 10" Stainless Steel Pipe	50.37	
40 05 23 23-0225 EA Cut And Prepare 12" Stainless Steel Pipe	54.66	
40 05 23 23-0226 EA Cut And Prepare 14" Stainless Steel Pipe	58.95	
40 05 23 23-0227 EA Cut And Prepare 16" Stainless Steel Pipe	63.23	
40 05 23 23-0228 EA Cut And Prepare 18" Stainless Steel Pipe	66.45	
40 05 23 23-0229 EA Cut And Prepare 20" Stainless Steel Pipe	69.66	
40 05 23 23-0230 EA Cut And Prepare 24" Stainless Steel Pipe	73.95	
40 05 23 23-0231 Stainless Steel Pipe And Fittings <small>(40 05 23 23)</small>		
40 05 23 23-0232 Type 304, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings		
<small>(40 05 23 23-0231)</small>		
40 05 23 23-0233 Type 304, Schedule 40 Stainless Steel Threaded Pipe <small>(40 05 23 23-0232)</small>		
40 05 23 23-0234 LF 1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	18.50	4.61
<i>For Work In Restricted Working Space, Add</i>	2.76	
40 05 23 23-0235 LF 3/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	22.70	5.79
<i>For Work In Restricted Working Space, Add</i>	3.46	
40 05 23 23-0236 LF 1" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	28.04	6.96
<i>For Work In Restricted Working Space, Add</i>	4.15	
40 05 23 23-0237 LF 1-1/4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	33.87	8.04
<i>For Work In Restricted Working Space, Add</i>	4.64	
40 05 23 23-0238 LF 1-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	39.30	9.11
<i>For Work In Restricted Working Space, Add</i>	5.50	
40 05 23 23-0239 LF 2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	50.35	11.58
<i>For Work In Restricted Working Space, Add</i>	6.92	
40 05 23 23-0240 LF 2-1/2" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	69.63	13.73
<i>For Work In Restricted Working Space, Add</i>	8.25	
40 05 23 23-0241 LF 3" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	87.51	17.27
<i>For Work In Restricted Working Space, Add</i>	10.38	
40 05 23 23-0242 LF 4" Pipe, Stainless Steel, Schedule 40 Type 304 For 150 LB Threaded Fitting	118.89	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0243 150#, Type 304 Stainless Steel Threaded 90 Degree Elbows <small>(40 05 23 23-0232)</small>		
40 05 23 23-0244 EA 1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	37.92	17.27
<i>For Work In Restricted Working Space, Add</i>	10.38	
40 05 23 23-0245 EA 3/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	50.39	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0246 EA 1", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	64.89	28.95
<i>For Work In Restricted Working Space, Add</i>	17.39	
40 05 23 23-0247 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	91.27	39.67
<i>For Work In Restricted Working Space, Add</i>	23.83	
40 05 23 23-0248 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	109.01	46.64
<i>For Work In Restricted Working Space, Add</i>	27.97	
40 05 23 23-0249 EA 2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	132.89	56.40
<i>For Work In Restricted Working Space, Add</i>	33.86	
40 05 23 23-0250 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	224.32	89.31
<i>For Work In Restricted Working Space, Add</i>	53.61	
40 05 23 23-0251 EA 3", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	288.68	115.26
<i>For Work In Restricted Working Space, Add</i>	69.17	
40 05 23 23-0252 EA 4", 150#, Type 304 Stainless Steel Threaded 90 Degree Elbow	399.32	142.92
<i>For Work In Restricted Working Space, Add</i>	85.78	
40 05 23 23-0253 150#, Type 304 Stainless Steel Threaded 45 Degree Elbows <small>(40 05 23 23-0232)</small>		
40 05 23 23-0254 EA 1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	38.69	17.27
<i>For Work In Restricted Working Space, Add</i>	10.38	
40 05 23 23-0255 EA 3/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	51.63	22.84
<i>For Work In Restricted Working Space, Add</i>	13.69	
40 05 23 23-0256 EA 1", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	65.28	28.95
<i>For Work In Restricted Working Space, Add</i>	17.39	
40 05 23 23-0257 EA 1-1/4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	91.12	39.67
<i>For Work In Restricted Working Space, Add</i>	23.83	
40 05 23 23-0258 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	107.18	46.64
<i>For Work In Restricted Working Space, Add</i>	27.97	
40 05 23 23-0259 EA 2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	132.47	56.40
<i>For Work In Restricted Working Space, Add</i>	33.86	
40 05 23 23-0260 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	232.63	89.31
<i>For Work In Restricted Working Space, Add</i>	53.61	
40 05 23 23-0261 EA 3", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	304.89	115.26
<i>For Work In Restricted Working Space, Add</i>	69.17	
40 05 23 23-0262 EA 4", 150#, Type 304 Stainless Steel Threaded 45 Degree Elbow	418.20	142.92
<i>For Work In Restricted Working Space, Add</i>	85.78	
40 05 23 23-0263 150#, Type 304 Stainless Steel Threaded Tees <small>(40 05 23 23-0232)</small>		
40 05 23 23-0264 EA 1/2", 150#, Type 304 Stainless Steel Threaded Tee	56.83	26.16
<i>For Work In Restricted Working Space, Add</i>	15.69	
40 05 23 23-0265 EA 3/4", 150#, Type 304 Stainless Steel Threaded Tee	76.35	34.63
<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-0266 EA 1", 150#, Type 304 Stainless Steel Threaded Tee	94.91	42.89
<i>For Work In Restricted Working Space, Add</i>	25.73	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0267	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	137.30 35.74	59.62
40 05 23	23-0268	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	156.62 40.21	67.01
40 05 23	23-0269	EA	2", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	207.72 53.61	89.31
40 05 23	23-0270	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	320.59 77.51	129.20
40 05 23	23-0271	EA	3", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	435.55 103.76	172.94
40 05 23	23-0272	EA	4", 150#, Type 304 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	590.85 128.66	214.44
40 05 23 23-0273 150#, Type 304 Stainless Steel Threaded Reducers (40 05 23 23-0232)					
40 05 23	23-0274	EA	3/4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	49.82 13.69	22.84
40 05 23	23-0275	EA	1", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	63.67 17.39	28.95
40 05 23	23-0276	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	87.79 23.83	39.67
40 05 23	23-0277	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	105.28 27.97	46.64
40 05 23	23-0278	EA	2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	132.98 33.86	56.40
40 05 23	23-0279	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	221.86 53.61	89.31
40 05 23	23-0280	EA	3", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	292.03 69.17	115.26
40 05 23	23-0281	EA	4", 150#, Type 304 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	387.73 85.78	142.92
40 05 23 23-0282 150#, Type 304 Stainless Steel Threaded Caps (40 05 23 23-0232)					
40 05 23	23-0283	EA	1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	19.52 5.19	8.69
40 05 23	23-0284	EA	3/4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	25.84 6.92	11.58
40 05 23	23-0285	EA	1", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	32.75 8.58	14.26
40 05 23	23-0286	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	48.00 12.14	20.27
40 05 23	23-0287	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	55.52 13.69	22.84
40 05 23	23-0288	EA	2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	70.55 17.39	28.95
40 05 23	23-0289	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	108.51 25.73	42.89
40 05 23	23-0290	EA	3", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	144.30 33.86	56.40
40 05 23	23-0291	EA	4", 150#, Type 304 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	196.16 42.89	71.52
40 05 23 23-0292 150#, Type 304 Stainless Steel Threaded Unions (40 05 23 23-0232)					
40 05 23	23-0293	EA	1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	61.65 15.69	26.16
40 05 23	23-0294	EA	3/4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	81.02 20.75	34.63
40 05 23	23-0295	EA	1", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	103.67 25.73	42.89
40 05 23	23-0296	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	150.18 35.74	59.62
40 05 23	23-0297	EA	1-1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	169.11 40.21	67.01
40 05 23	23-0298	EA	2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	220.73 53.61	89.31
40 05 23	23-0299	EA	2-1/2", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	381.88 80.42	134.02
40 05 23	23-0300	EA	3", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	489.23 103.77	172.94
40 05 23	23-0301	EA	4", 150#, Type 304 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	518.63 85.79	142.98
40 05 23 23-0302 150#, Type 304 Stainless Steel Threaded Couplings (40 05 23 23-0232)					
40 05 23	23-0303	EA	1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	37.60 10.38	17.27
40 05 23	23-0304	EA	3/4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	49.97 13.69	22.84
40 05 23	23-0305	EA	1", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	64.55 17.39	28.95
40 05 23	23-0306	EA	1-1/4", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	89.91 23.83	39.67

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0307 EA 1-1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	105.68 27.97	46.64
40 05 23 23-0308 EA 2", 150#, Type 304 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	130.42 33.86	56.40
40 05 23 23-0309 EA 2-1/2", 150#, Type 304 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	217.23 53.61	89.31
40 05 23 23-0310 EA 3", 150#, Type 304 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	280.37 69.17	115.26
40 05 23 23-0311 EA 4", 150#, Type 304 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	363.32 85.78	142.92
40 05 23 23-0312 Type 316, Schedule 40 Stainless Steel Pipe And 150 LB Threaded Fittings		
<small>(40 05 23 23-0231)</small>		
40 05 23 23-0313 Type 316, Schedule 40 Stainless Steel Threaded Pipe <small>(40 05 23 23-0312)</small>		
40 05 23 23-0314 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	23.42 2.76	4.61
40 05 23 23-0315 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	27.55 3.46	5.79
40 05 23 23-0316 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	35.01 4.15	6.96
40 05 23 23-0317 LF 1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	42.98 4.84	8.04
40 05 23 23-0318 LF 1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	50.09 5.50	9.11
40 05 23 23-0319 LF 2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	64.80 6.92	11.58
40 05 23 23-0320 LF 2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	89.82 8.25	13.73
40 05 23 23-0321 LF 3" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	117.63 10.38	17.27
40 05 23 23-0322 LF 4" Pipe, Stainless Steel Schedule 40 Type 316 For 150 LB Threaded Fitting <i>For Work In Restricted Working Space, Add</i>	158.09 13.69	22.84
40 05 23 23-0323 150#, Type 316 Stainless Steel Threaded 90 Degree Elbows <small>(40 05 23 23-0312)</small>		
40 05 23 23-0324 EA 1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	38.93 10.38	17.27
40 05 23 23-0325 EA 3/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	51.89 13.69	22.84
40 05 23 23-0326 EA 1", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	65.81 17.39	28.95
40 05 23 23-0327 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	92.92 23.83	39.67
40 05 23 23-0328 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	111.21 27.97	46.64
40 05 23 23-0329 EA 2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	135.60 33.86	56.40
40 05 23 23-0330 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	228.65 53.61	89.31
40 05 23 23-0331 EA 3", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	299.30 69.17	115.26
40 05 23 23-0332 EA 4", 150#, Type 316 Stainless Steel Threaded 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	412.22 85.78	142.92
40 05 23 23-0333 150#, Type 316 Stainless Steel Threaded 45 Degree Elbows <small>(40 05 23 23-0312)</small>		
40 05 23 23-0334 EA 1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	39.74 10.38	17.27
40 05 23 23-0335 EA 3/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	52.40 13.69	22.84
40 05 23 23-0336 EA 1", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	66.41 17.39	28.95
40 05 23 23-0337 EA 1-1/4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	92.75 23.83	39.67
40 05 23 23-0338 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	109.08 27.97	46.64
40 05 23 23-0339 EA 2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	135.01 33.86	56.40
40 05 23 23-0340 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	236.70 53.61	89.31
40 05 23 23-0341 EA 3", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	314.29 69.17	115.26
40 05 23 23-0342 EA 4", 150#, Type 316 Stainless Steel Threaded 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	443.55 85.78	142.92
40 05 23 23-0343 150#, Type 316 Stainless Steel Threaded Tees <small>(40 05 23 23-0312)</small>		
40 05 23 23-0344 EA 1/2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	57.90 15.69	26.16
40 05 23 23-0345 EA 3/4", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	77.43 20.75	34.63
40 05 23 23-0346 EA 1", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	96.13 25.73	42.89

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0347	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	139.78 35.74	59.62
40 05 23 23-0348	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	159.07 40.21	67.01
40 05 23 23-0349	EA	2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	210.95 53.61	89.31
40 05 23 23-0350	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	333.77 77.51	129.20
40 05 23 23-0351	EA	3", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	453.51 103.76	172.94
40 05 23 23-0352	EA	4", 150#, Type 316 Stainless Steel Threaded Tee <i>For Work In Restricted Working Space, Add</i>	604.24 128.66	214.44
40 05 23 23-0353		150#, Type 316 Stainless Steel Threaded Reducers (40 05 23 23-0312)		
40 05 23 23-0354	EA	3/4", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	50.73 13.69	22.84
40 05 23 23-0355	EA	1", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	66.39 17.39	28.95
40 05 23 23-0356	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	88.30 23.83	39.67
40 05 23 23-0357	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	107.94 27.97	46.64
40 05 23 23-0358	EA	2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	137.65 33.86	56.40
40 05 23 23-0359	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	232.50 53.61	89.31
40 05 23 23-0360	EA	3", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	303.78 69.17	115.26
40 05 23 23-0361	EA	4", 150#, Type 316 Stainless Steel Threaded Reducer <i>For Work In Restricted Working Space, Add</i>	407.31 85.78	142.92
40 05 23 23-0362		150#, Type 316 Stainless Steel Threaded Caps (40 05 23 23-0312)		
40 05 23 23-0363	EA	1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	20.12 5.19	8.69
40 05 23 23-0364	EA	3/4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	26.28 6.92	11.58
40 05 23 23-0365	EA	1", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	33.54 8.58	14.26
40 05 23 23-0366	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	50.20 12.14	20.27
40 05 23 23-0367	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	58.12 13.69	22.84
40 05 23 23-0368	EA	2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	73.95 17.39	28.95
40 05 23 23-0369	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	114.13 25.73	42.89
40 05 23 23-0370	EA	3", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	150.00 33.86	56.40
40 05 23 23-0371	EA	4", 150#, Type 316 Stainless Steel Threaded Cap <i>For Work In Restricted Working Space, Add</i>	207.48 42.89	71.52
40 05 23 23-0372		150#, Type 316 Stainless Steel Threaded Unions (40 05 23 23-0312)		
40 05 23 23-0373	EA	1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	62.94 15.69	26.16
40 05 23 23-0374	EA	3/4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	85.87 20.75	34.63
40 05 23 23-0375	EA	1", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	106.12 25.73	42.89
40 05 23 23-0376	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	154.35 35.74	59.62
40 05 23 23-0377	EA	1-1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	173.98 40.21	67.01
40 05 23 23-0378	EA	2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	226.37 53.61	89.31
40 05 23 23-0379	EA	2-1/2", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	390.53 80.42	134.02
40 05 23 23-0380	EA	3", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	516.19 103.77	172.94
40 05 23 23-0381	EA	4", 150#, Type 316 Stainless Steel Threaded Union <i>For Work In Restricted Working Space, Add</i>	576.08 85.79	142.98
40 05 23 23-0382		150#, Type 316 Stainless Steel Threaded Couplings (40 05 23 23-0312)		
40 05 23 23-0383	EA	1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	39.63 10.38	17.27
40 05 23 23-0384	EA	3/4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	50.91 13.69	22.84
40 05 23 23-0385	EA	1", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	65.45 17.39	28.95
40 05 23 23-0386	EA	1-1/4", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	91.34 23.83	39.67

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0387 EA 1-1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	107.39 27.97	46.64
40 05 23 23-0388 EA 2", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	132.79 33.86	56.40
40 05 23 23-0389 EA 2-1/2", 150#, Type 316 Stainless Steel Threaded Coupling <i>For Work In Restricted Working Space, Add</i>	225.51 53.61	89.31
40 05 23 23-0390 EA 3", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	291.05 69.17	115.26
40 05 23 23-0391 EA 4", 150#, Type 316 Stainless Steel Threaded Coupling..... <i>For Work In Restricted Working Space, Add</i>	379.33 85.78	142.92
40 05 23 23-0392 Type 304, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings <small>(40 05 23 23-0231)</small>		
40 05 23 23-0393 Type 304, Schedule 10 Stainless Steel Pipe <small>(40 05 23 23-0392)</small>		
40 05 23 23-0394 LF 1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	21.06 2.71	4.51
40 05 23 23-0395 LF 3/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	24.95 3.31	5.52
40 05 23 23-0396 LF 1" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	33.68 3.88	6.51
40 05 23 23-0397 LF 1-1/4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	40.97 4.85	8.12
40 05 23 23-0398 LF 1-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	45.50 5.47	9.12
40 05 23 23-0399 LF 2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	56.26 6.77	11.32
40 05 23 23-0400 LF 2-1/2" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	67.69 7.74	12.93
40 05 23 23-0401 LF 3" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	80.40 8.72	14.53
40 05 23 23-0402 LF 4" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	101.75 10.31	17.24
40 05 23 23-0403 LF 6" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	150.32 13.55	22.65
40 05 23 23-0404 LF 8" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	247.84 26.04	40.52
40 05 23 23-0405 LF 10" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	322.25 28.64	44.55
40 05 23 23-0406 LF 12" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	388.72 31.82	49.54
40 05 23 23-0407 LF 14" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	482.39 35.81	55.70
40 05 23 23-0408 LF 16" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	529.31 40.92	63.65
40 05 23 23-0409 LF 18" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	590.70 47.74	74.26
40 05 23 23-0410 LF 20" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	831.21 57.29	89.12
40 05 23 23-0411 LF 24" Pipe, Stainless Steel Schedule 10 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	1,087.85 71.61	111.39
40 05 23 23-0412 Type 304, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbow <small>(40 05 23 23-0392)</small>		
40 05 23 23-0413 EA 1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	119.71 34.28	51.41
40 05 23 23-0414 EA 3/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	126.73 36.38	54.58
40 05 23 23-0415 EA 1", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	139.71 39.98	59.97
40 05 23 23-0416 EA 1-1/4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	152.50 43.58	65.36
40 05 23 23-0417 EA 1-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	168.45 48.12	72.18
40 05 23 23-0418 EA 2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	188.42 53.54	80.31
40 05 23 23-0419 EA 2-1/2", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	245.43 68.52	102.77
40 05 23 23-0420 EA 3", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	287.94 80.31	120.46
40 05 23 23-0421 EA 4", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	353.51 96.12	144.18
40 05 23 23-0422 EA 6", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	488.97 120.08	180.11
40 05 23 23-0423 EA 8", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	844.80 204.60	306.90
40 05 23 23-0424 EA 10", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,258.56 272.79	409.18
40 05 23 23-0425 EA 12", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,902.07 409.19	613.78
40 05 23 23-0426 EA 14", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,251.74 477.39	716.09
40 05 23 23-0427 EA 16", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,651.55 544.55	816.83

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0428 EA 18", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,353.73 681.99	1,022.99
40 05 23 23-0429 EA 20", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,674.07 954.78	1,432.17
40 05 23 23-0430 EA 24", Type 304, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	6,712.60 1,363.97	2,045.96
40 05 23 23-0431 Type 304, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbow (40 05 23 23-0392)		
40 05 23 23-0432 EA 1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	121.32 34.28	51.41
40 05 23 23-0433 EA 3/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	128.34 36.38	54.58
40 05 23 23-0434 EA 1", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	141.64 39.98	59.97
40 05 23 23-0435 EA 1-1/4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	155.07 43.58	65.36
40 05 23 23-0436 EA 1-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	168.77 48.12	72.18
40 05 23 23-0437 EA 2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	188.42 53.54	80.31
40 05 23 23-0438 EA 2-1/2", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	243.82 68.52	102.77
40 05 23 23-0439 EA 3", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	285.05 80.31	120.46
40 05 23 23-0440 EA 4", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	348.04 96.12	144.18
40 05 23 23-0441 EA 6", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	460.36 120.08	180.11
40 05 23 23-0442 EA 8", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	789.61 204.60	306.90
40 05 23 23-0443 EA 10", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,160.32 272.79	409.18
40 05 23 23-0444 EA 12", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,746.53 409.19	613.78
40 05 23 23-0445 EA 14", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,060.84 477.39	716.09
40 05 23 23-0446 EA 16", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,415.93 544.55	816.83
40 05 23 23-0447 EA 18", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,044.32 681.99	1,022.99
40 05 23 23-0448 EA 20", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,256.56 954.78	1,432.17
40 05 23 23-0449 EA 24", Type 304, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	6,120.33 1,363.97	2,045.96
40 05 23 23-0450 Type 304, Schedule 10 Stainless Steel Butt Weld Tee (40 05 23 23-0392)		
40 05 23 23-0451 EA 1/2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	162.89 43.56	65.34
40 05 23 23-0452 EA 3/4", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	195.94 53.48	80.22
40 05 23 23-0453 EA 1", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	217.97 60.09	90.13
40 05 23 23-0454 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	248.03 68.52	102.77
40 05 23 23-0455 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	262.85 73.55	110.33
40 05 23 23-0456 EA 2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	286.37 80.22	120.33
40 05 23 23-0457 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	373.92 96.12	144.18
40 05 23 23-0458 EA 3", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	436.26 120.46	180.70
40 05 23 23-0459 EA 4", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	502.72 135.20	202.80
40 05 23 23-0460 EA 6", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	739.39 180.26	270.38
40 05 23 23-0461 EA 8", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,236.00 272.79	409.18
40 05 23 23-0462 EA 10", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,902.07 409.19	613.78
40 05 23 23-0463 EA 12", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,452.41 511.49	767.23
40 05 23 23-0464 EA 14", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,023.45 614.67	922.00
40 05 23 23-0465 EA 16", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,660.02 749.83	1,124.75
40 05 23 23-0466 EA 18", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,656.92 954.78	1,432.17
40 05 23 23-0467 EA 20", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	6,237.01 1,256.29	1,884.45
40 05 23 23-0468 EA 24", Type 304, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	9,338.21 1,909.56	2,864.35

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0469 Type 304, Schedule 10 Stainless Steel Butt Weld Reducing Tees <small>(40 05 23 23-0392)</small>		
40 05 23 23-0470 EA 3/4", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	152.82	54.60
<i>For Work In Restricted Working Space, Add</i>	36.40	
40 05 23 23-0471 EA 1", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	180.16	66.90
<i>For Work In Restricted Working Space, Add</i>	44.60	
40 05 23 23-0472 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	224.55	75.17
<i>For Work In Restricted Working Space, Add</i>	50.11	
40 05 23 23-0473 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	229.96	85.69
<i>For Work In Restricted Working Space, Add</i>	57.13	
40 05 23 23-0474 EA 2", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	240.31	92.08
<i>For Work In Restricted Working Space, Add</i>	61.39	
40 05 23 23-0475 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	319.76	100.34
<i>For Work In Restricted Working Space, Add</i>	66.90	
40 05 23 23-0476 EA 3", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	375.95	120.28
<i>For Work In Restricted Working Space, Add</i>	80.19	
40 05 23 23-0477 EA 4", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	462.66	150.34
<i>For Work In Restricted Working Space, Add</i>	100.22	
40 05 23 23-0478 EA 6", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	618.95	171.77
<i>For Work In Restricted Working Space, Add</i>	114.52	
40 05 23 23-0479 EA 8", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	1,195.98	255.74
<i>For Work In Restricted Working Space, Add</i>	170.50	
40 05 23 23-0480 EA 10", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	1,996.10	341.00
<i>For Work In Restricted Working Space, Add</i>	227.33	
40 05 23 23-0481 EA 12", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	2,844.70	511.49
<i>For Work In Restricted Working Space, Add</i>	341.00	
40 05 23 23-0482 EA 14", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	3,453.21	614.50
<i>For Work In Restricted Working Space, Add</i>	409.66	
40 05 23 23-0483 EA 16", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	4,280.27	749.57
<i>For Work In Restricted Working Space, Add</i>	499.71	
40 05 23 23-0484 EA 18", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	5,531.26	954.78
<i>For Work In Restricted Working Space, Add</i>	636.52	
40 05 23 23-0485 EA 20", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	7,897.60	1,256.29
<i>For Work In Restricted Working Space, Add</i>	837.53	
40 05 23 23-0486 EA 24", Type 304, Schedule 10 Stainless Steel Reducing Tee.....	12,371.71	1,907.86
<i>For Work In Restricted Working Space, Add</i>	1,271.91	
40 05 23 23-0487 Type 304, Schedule 10 Stainless Steel Butt Weld Reducers <small>(40 05 23 23-0392)</small>		
40 05 23 23-0488 EA 3/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	121.26	49.65
<i>For Work In Restricted Working Space, Add</i>	33.10	
40 05 23 23-0489 EA 1", Type 304, Schedule 10 Stainless Steel Concentric Reducer	133.73	54.10
<i>For Work In Restricted Working Space, Add</i>	36.07	
40 05 23 23-0490 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	148.24	59.97
<i>For Work In Restricted Working Space, Add</i>	39.98	
40 05 23 23-0491 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	157.14	65.36
<i>For Work In Restricted Working Space, Add</i>	43.58	
40 05 23 23-0492 EA 2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	171.02	72.18
<i>For Work In Restricted Working Space, Add</i>	48.12	
40 05 23 23-0493 EA 2-1/2", Type 304, Schedule 10 Stainless Steel Concentric Reducer	231.94	90.21
<i>For Work In Restricted Working Space, Add</i>	60.13	
40 05 23 23-0494 EA 3", Type 304, Schedule 10 Stainless Steel Concentric Reducer	261.95	102.69
<i>For Work In Restricted Working Space, Add</i>	68.46	
40 05 23 23-0495 EA 4", Type 304, Schedule 10 Stainless Steel Concentric Reducer	306.03	120.33
<i>For Work In Restricted Working Space, Add</i>	80.22	
40 05 23 23-0496 EA 6", Type 304, Schedule 10 Stainless Steel Concentric Reducer	395.72	153.19
<i>For Work In Restricted Working Space, Add</i>	102.13	
40 05 23 23-0497 EA 8", Type 304, Schedule 10 Stainless Steel Concentric Reducer	634.39	245.52
<i>For Work In Restricted Working Space, Add</i>	163.68	
40 05 23 23-0498 EA 10", Type 304, Schedule 10 Stainless Steel Concentric Reducer	808.70	306.90
<i>For Work In Restricted Working Space, Add</i>	204.60	
40 05 23 23-0499 EA 12", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,088.80	409.18
<i>For Work In Restricted Working Space, Add</i>	272.79	
40 05 23 23-0500 EA 14", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,566.78	537.07
<i>For Work In Restricted Working Space, Add</i>	358.04	
40 05 23 23-0501 EA 16", Type 304, Schedule 10 Stainless Steel Concentric Reducer	1,837.13	612.04
<i>For Work In Restricted Working Space, Add</i>	408.03	
40 05 23 23-0502 EA 18", Type 304, Schedule 10 Stainless Steel Concentric Reducer	2,257.31	767.23
<i>For Work In Restricted Working Space, Add</i>	511.49	
40 05 23 23-0503 EA 20", Type 304, Schedule 10 Stainless Steel Concentric Reducer	3,185.76	1,022.99
<i>For Work In Restricted Working Space, Add</i>	681.99	
40 05 23 23-0504 EA 24", Type 304, Schedule 10 Stainless Steel Concentric Reducer	4,575.18	1,534.48
<i>For Work In Restricted Working Space, Add</i>	1,022.98	
40 05 23 23-0505 EA 3/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer	151.48	49.65
<i>For Work In Restricted Working Space, Add</i>	33.10	
40 05 23 23-0506 EA 1", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	155.91	54.10
<i>For Work In Restricted Working Space, Add</i>	36.07	
40 05 23 23-0507 EA 1-1/4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	163.44	59.97
<i>For Work In Restricted Working Space, Add</i>	39.98	
40 05 23 23-0508 EA 1-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	184.79	65.36
<i>For Work In Restricted Working Space, Add</i>	43.58	
40 05 23 23-0509 EA 2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer.....	190.95	72.18
<i>For Work In Restricted Working Space, Add</i>	48.12	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0510	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	253.80 60.13	90.21
40 05 23	23-0511	EA	3", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	283.49 68.46	102.69
40 05 23	23-0512	EA	4", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	322.69 80.22	120.33
40 05 23	23-0513	EA	6", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	455.83 102.13	153.19
40 05 23	23-0514	EA	8", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	763.25 163.68	245.52
40 05 23	23-0515	EA	10", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,060.05 204.60	306.90
40 05 23	23-0516	EA	12", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,321.04 272.79	409.18
40 05 23	23-0517	EA	14", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,102.55 358.04	537.07
40 05 23	23-0518	EA	16", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,451.04 408.03	612.04
40 05 23	23-0519	EA	18", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,006.56 511.49	767.23
40 05 23	23-0520	EA	20", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	4,386.40 681.99	1,022.99
40 05 23	23-0521	EA	24", Type 304, Schedule 10 Stainless Steel Eccentric Reducer <i>For Work In Restricted Working Space, Add</i>	6,166.41 1,022.98	1,534.48
40 05 23 23-0522 Type 304, Schedule 10 Stainless Steel Butt Weld Caps (40 05 23 23-0392)					
40 05 23	23-0523	EA	1/2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	67.08 17.14	25.71
40 05 23	23-0524	EA	3/4", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	74.13 18.19	27.28
40 05 23	23-0525	EA	1", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	81.43 19.99	29.99
40 05 23	23-0526	EA	1-1/4", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	89.83 21.79	32.68
40 05 23	23-0527	EA	1-1/2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	95.96 24.06	36.09
40 05 23	23-0528	EA	2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	103.05 26.77	40.15
40 05 23	23-0529	EA	2-1/2", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	134.14 34.26	51.39
40 05 23	23-0530	EA	3", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	150.89 40.16	60.24
40 05 23	23-0531	EA	4", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	182.07 48.06	72.09
40 05 23	23-0532	EA	6", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	236.12 60.13	90.21
40 05 23	23-0533	EA	8", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	405.23 102.30	153.44
40 05 23	23-0534	EA	10", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	539.51 136.40	204.60
40 05 23	23-0535	EA	12", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	792.57 204.60	306.89
40 05 23	23-0536	EA	14", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	931.17 238.70	358.04
40 05 23	23-0537	EA	16", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,082.37 272.28	408.41
40 05 23	23-0538	EA	18", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,368.82 341.00	511.49
40 05 23	23-0539	EA	20", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,886.50 477.39	716.09
40 05 23	23-0540	EA	24", Type 304, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,793.44 681.99	1,022.98
40 05 23 23-0541 Type 304, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)					
40 05 23 23-0542 Type 304, Schedule 40 Stainless Steel Pipe (40 05 23 23-0541)					
40 05 23	23-0543	LF	1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	24.01 2.71	4.51
40 05 23	23-0544	LF	3/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	29.14 3.31	5.52
40 05 23	23-0545	LF	1" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	35.94 3.88	6.51
40 05 23	23-0546	LF	1-1/4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	44.92 4.85	8.01
40 05 23	23-0547	LF	1-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	51.91 5.47	9.02
40 05 23	23-0548	LF	2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	66.82 6.77	11.53
40 05 23	23-0549	LF	2-1/2" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	83.80 7.74	13.03
40 05 23	23-0550	LF	3" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	80.11 8.72	14.53

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0551 LF 4" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	137.66 10.31	17.04
40 05 23 23-0552 LF 6" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	217.69 13.55	22.55
40 05 23 23-0553 LF 8" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	382.59 26.04	40.32
40 05 23 23-0554 LF 10" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	489.87 28.64	44.55
40 05 23 23-0555 LF 12" Pipe, Stainless Steel Schedule 40 Type 304 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	615.50 31.82	49.33
40 05 23 23-0556 Type 304, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows <small>(40 05 23 23-0541)</small>		
EA 1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	121.00 34.28	51.41
EA 3/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	128.02 36.38	54.58
EA 1", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	140.67 39.98	59.97
EA 1-1/4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	153.20 43.58	65.36
EA 1-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	169.09 48.12	72.18
EA 2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	190.68 53.54	80.31
EA 2-1/2", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	253.78 68.52	102.77
EA 3", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	300.16 80.31	120.46
EA 4", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	374.08 96.12	144.18
EA 6", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	620.44 120.08	180.11
EA 8", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,023.95 204.60	306.90
EA 10", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,622.04 272.79	409.18
EA 12", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,373.51 409.19	613.78
EA 14", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,823.67 477.39	716.09
EA 16", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,386.27 544.55	816.83
EA 18", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	4,374.61 681.99	1,022.99
EA 20", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	5,934.11 954.78	1,432.17
EA 24", Type 304, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	8,510.25 1,363.97	2,045.96
40 05 23 23-0575 Type 304, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows <small>(40 05 23 23-0541)</small>		
EA 1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	123.25 34.28	51.41
EA 3/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	130.27 36.38	54.58
EA 1", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	142.28 39.98	59.97
EA 1-1/4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	154.83 43.58	65.36
EA 1-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	170.70 48.12	72.18
EA 2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	191.02 53.54	80.31
EA 2-1/2", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	253.78 68.52	102.77
EA 3", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	291.16 80.31	120.46
EA 4", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	378.90 96.12	144.18
EA 6", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	510.83 120.08	180.11
EA 8", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	909.03 204.60	306.90
EA 10", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,334.95 272.79	409.18
EA 12", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,949.99 409.19	613.78
EA 14", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,204.32 477.39	716.09
EA 16", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,648.85 544.55	816.83
EA 18", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,345.83 681.99	1,022.99

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23	23-0592	EA	20", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	4,545.93 954.78	1,432.17
40 05 23	23-0593	EA	24", Type 304, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	6,611.66 1,363.97	2,045.96
40 05 23 23-0594 Type 304, Schedule 40 Stainless Steel Butt Weld Tees (40 05 23 23-0541)					
40 05 23	23-0595	EA	1/2", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	164.18 43.56	65.34
40 05 23	23-0596	EA	3/4", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	197.23 53.48	80.22
40 05 23	23-0597	EA	1", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	219.26 60.09	90.13
40 05 23	23-0598	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	251.30 68.52	102.77
40 05 23	23-0599	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	264.14 73.55	110.33
40 05 23	23-0600	EA	2", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	287.97 80.22	120.33
40 05 23	23-0601	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	378.26 96.12	144.18
40 05 23	23-0602	EA	3", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	443.01 120.46	180.70
40 05 23	23-0603	EA	4", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	510.12 135.20	202.80
40 05 23	23-0604	EA	6", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	790.50 180.26	270.38
40 05 23	23-0605	EA	8", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	1,387.70 272.79	409.18
40 05 23	23-0606	EA	10", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	2,367.63 409.19	613.78
40 05 23	23-0607	EA	12", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	2,943.30 511.49	767.23
40 05 23	23-0608	EA	14", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	4,012.61 614.67	922.00
40 05 23	23-0609	EA	16", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	5,104.12 749.83	1,124.75
40 05 23	23-0610	EA	18", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	6,617.66 954.78	1,432.17
40 05 23	23-0611	EA	20", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	8,536.92 1,256.29	1,884.45
40 05 23	23-0612	EA	24", Type 304, Schedule 40 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	13,073.53 1,909.56	2,864.35
40 05 23 23-0613 Type 304, Schedule 40 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0541)					
40 05 23	23-0614	EA	3/4", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	157.00 36.40	54.60
40 05 23	23-0615	EA	1", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	184.34 44.60	66.90
40 05 23	23-0616	EA	1-1/4", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	244.65 50.11	75.17
40 05 23	23-0617	EA	1-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	236.07 57.13	85.69
40 05 23	23-0618	EA	2", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	240.31 61.39	92.08
40 05 23	23-0619	EA	2-1/2", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	299.21 66.90	100.34
40 05 23	23-0620	EA	3", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	330.62 80.19	120.28
40 05 23	23-0621	EA	4", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	438.87 100.22	150.34
40 05 23	23-0622	EA	6", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	622.80 114.52	171.77
40 05 23	23-0623	EA	8", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	1,059.55 170.50	255.74
40 05 23	23-0624	EA	10", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,038.79 227.33	341.00
40 05 23	23-0625	EA	12", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,930.10 341.00	511.49
40 05 23	23-0626	EA	14", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	3,333.38 409.66	614.50
40 05 23	23-0627	EA	16", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	4,130.20 499.71	749.57
40 05 23	23-0628	EA	18", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	5,335.56 636.52	954.78
40 05 23	23-0629	EA	20", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	7,604.53 837.53	1,256.29
40 05 23	23-0630	EA	24", Type 304, Schedule 40 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	11,904.94 1,271.91	1,907.86
40 05 23 23-0631 Type 304, Schedule 40 Stainless Steel Butt Weld Reducers (40 05 23 23-0541)					
40 05 23	23-0632	EA	3/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	124.47 33.10	49.65

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0633 EA 1", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	136.95 36.07	54.10
40 05 23 23-0634 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	148.48 39.98	59.97
40 05 23 23-0635 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	160.36 43.58	65.36
40 05 23 23-0636 EA 2", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	172.95 48.12	72.18
40 05 23 23-0637 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	231.94 60.13	90.21
40 05 23 23-0638 EA 3", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	250.38 68.46	102.69
40 05 23 23-0639 EA 4", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	289.58 80.22	120.33
40 05 23 23-0640 EA 6", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	398.29 102.13	153.19
40 05 23 23-0641 EA 8", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	688.98 163.68	245.52
40 05 23 23-0642 EA 10", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	902.44 204.60	306.90
40 05 23 23-0643 EA 12", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,172.45 272.79	409.18
40 05 23 23-0644 EA 14", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,754.53 358.04	537.07
40 05 23 23-0645 EA 16", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,073.15 408.03	612.04
40 05 23 23-0646 EA 18", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,735.26 511.49	767.23
40 05 23 23-0647 EA 20", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,749.54 681.99	1,022.99
40 05 23 23-0648 EA 24", Type 304, Schedule 40 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	5,159.03 1,022.98	1,534.48
40 05 23 23-0649 EA 3/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	152.78 33.10	49.65
40 05 23 23-0650 EA 1", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	162.66 36.07	54.10
40 05 23 23-0651 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	186.58 39.98	59.97
40 05 23 23-0652 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	196.68 43.58	65.36
40 05 23 23-0653 EA 2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	209.27 48.12	72.18
40 05 23 23-0654 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	253.80 60.13	90.21
40 05 23 23-0655 EA 3", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	323.35 68.46	102.69
40 05 23 23-0656 EA 4", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	349.69 80.22	120.33
40 05 23 23-0657 EA 6", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	482.51 102.13	153.19
40 05 23 23-0658 EA 8", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	766.04 163.68	245.52
40 05 23 23-0659 EA 10", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,057.62 204.60	306.90
40 05 23 23-0660 EA 12", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,447.41 272.79	409.18
40 05 23 23-0661 EA 14", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,428.48 358.04	537.07
40 05 23 23-0662 EA 16", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,753.34 408.03	612.04
40 05 23 23-0663 EA 18", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,615.23 511.49	767.23
40 05 23 23-0664 EA 20", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	4,686.79 681.99	1,022.99
40 05 23 23-0665 EA 24", Type 304, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	7,497.83 1,022.98	1,534.48
40 05 23 23-0666 Type 304, Schedule 40 Stainless Steel Butt Weld Caps <small>(40 05 23 23-0541)</small>		
40 05 23 23-0667 EA 1/2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	68.05 17.14	25.71
40 05 23 23-0668 EA 3/4", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	73.17 18.19	27.28
40 05 23 23-0669 EA 1", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	82.39 19.99	29.99
40 05 23 23-0670 EA 1-1/4", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	94.13 21.79	32.68
40 05 23 23-0671 EA 1-1/2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	100.14 24.06	36.09
40 05 23 23-0672 EA 2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	102.73 26.77	40.15
40 05 23 23-0673 EA 2-1/2", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	131.98 34.26	51.39
40 05 23 23-0674 EA 3", Type 304, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	152.17 40.16	60.24

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0675	EA	4"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	185.93 48.06	72.09
40 05 23 23-0676	EA	6"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	259.91 60.13	90.21
40 05 23 23-0677	EA	8"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	443.42 102.30	153.44
40 05 23 23-0678	EA	10"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	593.51 136.40	204.60
40 05 23 23-0679	EA	12"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	895.49 204.60	306.89
40 05 23 23-0680	EA	14"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,025.45 238.70	358.04
40 05 23 23-0681	EA	16"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,212.07 272.28	408.41
40 05 23 23-0682	EA	18"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	1,522.54 341.00	511.49
40 05 23 23-0683	EA	20"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	2,091.49 477.39	716.09
40 05 23 23-0684	EA	24"	Type 304, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	3,136.17 681.99	1,022.98
40 05 23 23-0685			Type 316, Schedule 10 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23- 0231)		
40 05 23 23-0686			Type 316, Schedule 10 Stainless Steel Pipe (40 05 23 23-0685)		
40 05 23 23-0687	LF	1/2"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	24.82 2.71	4.51
40 05 23 23-0688	LF	3/4"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	29.30 3.31	5.52
40 05 23 23-0689	LF	1"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	40.16 3.88	6.51
40 05 23 23-0690	LF	1-1/4"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	48.72 4.85	8.12
40 05 23 23-0691	LF	1-1/2"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	54.02 5.47	9.12
40 05 23 23-0692	LF	2"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	66.78 6.77	11.32
40 05 23 23-0693	LF	2-1/2"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	80.78 7.74	12.93
40 05 23 23-0694	LF	3"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	96.44 8.72	14.53
40 05 23 23-0695	LF	4"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	122.80 10.31	17.24
40 05 23 23-0696	LF	6"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	183.16 13.55	22.65
40 05 23 23-0697	LF	8"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	298.13 26.04	40.52
40 05 23 23-0698	LF	10"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	393.07 28.64	44.55
40 05 23 23-0699	LF	12"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	476.99 31.82	49.54
40 05 23 23-0700	LF	14"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	595.77 35.81	55.70
40 05 23 23-0701	LF	16"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	652.01 40.92	63.65
40 05 23 23-0702	LF	18"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	725.47 47.74	74.26
40 05 23 23-0703	LF	20"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	1,031.16 57.29	89.12
40 05 23 23-0704	LF	24"	Pipe, Stainless Steel Schedule 10 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	1,353.04 71.61	111.39
40 05 23 23-0705			Type 316, Schedule 10 Stainless Steel Butt Weld 90 Degree Elbows (40 05 23 23- 0685)		
40 05 23 23-0706	EA	1/2"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	121.32 34.28	51.41
40 05 23 23-0707	EA	3/4"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	128.34 36.38	54.58
40 05 23 23-0708	EA	1"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	141.64 39.98	59.97
40 05 23 23-0709	EA	1-1/4"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	155.30 43.58	65.36
40 05 23 23-0710	EA	1-1/2"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	170.37 48.12	72.18
40 05 23 23-0711	EA	2"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	190.68 53.54	80.31
40 05 23 23-0712	EA	2-1/2"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	249.61 68.52	102.77
40 05 23 23-0713	EA	3"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	294.05 80.31	120.46
40 05 23 23-0714	EA	4"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	362.83 96.12	144.18
40 05 23 23-0715	EA	6"	Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	513.40 120.08	180.11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0716 EA 8", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	890.29 204.60	306.90
40 05 23 23-0717 EA 10", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,363.73 272.79	409.18
40 05 23 23-0718 EA 12", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,045.46 409.19	613.78
40 05 23 23-0719 EA 14", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,386.67 477.39	716.09
40 05 23 23-0720 EA 16", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,864.97 544.55	816.83
40 05 23 23-0721 EA 18", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,609.65 681.99	1,022.99
40 05 23 23-0722 EA 20", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	5,039.64 954.78	1,432.17
40 05 23 23-0723 EA 24", Type 316, Schedule 10 Stainless Steel 90 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	7,255.81 1,363.97	2,045.96
40 05 23 23-0724 Type 316, Schedule 10 Stainless Steel Butt Weld 45 Degree Elbows <small>(40 05 23 23-0659)</small>		
40 05 23 23-0725 EA 1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	123.25 34.28	51.41
40 05 23 23-0726 EA 3/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	130.27 36.38	54.58
40 05 23 23-0727 EA 1", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	143.57 39.98	59.97
40 05 23 23-0728 EA 1-1/4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	157.87 43.58	65.36
40 05 23 23-0729 EA 1-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	170.37 48.12	72.18
40 05 23 23-0730 EA 2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	190.68 53.54	80.31
40 05 23 23-0731 EA 2-1/2", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	247.68 68.52	102.77
40 05 23 23-0732 EA 3", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	291.16 80.31	120.46
40 05 23 23-0733 EA 4", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	356.08 96.12	144.18
40 05 23 23-0734 EA 6", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	473.54 120.08	180.11
40 05 23 23-0735 EA 8", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	818.77 204.60	306.90
40 05 23 23-0736 EA 10", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,334.95 272.79	409.18
40 05 23 23-0737 EA 12", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,949.99 409.19	613.78
40 05 23 23-0738 EA 14", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,297.21 477.39	716.09
40 05 23 23-0739 EA 16", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,700.94 544.55	816.83
40 05 23 23-0740 EA 18", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,416.49 681.99	1,022.99
40 05 23 23-0741 EA 20", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,866.09 954.78	1,432.17
40 05 23 23-0742 EA 24", Type 316, Schedule 10 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	7,024.66 1,363.97	2,045.96
40 05 23 23-0743 Type 316, Schedule 10 Stainless Steel Butt Weld Tees <small>(40 05 23 23-0685)</small>		
40 05 23 23-0744 EA 1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	167.07 43.56	65.34
40 05 23 23-0745 EA 3/4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	200.12 53.48	80.22
40 05 23 23-0746 EA 1", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	222.15 60.09	90.13
40 05 23 23-0747 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	255.74 68.52	102.77
40 05 23 23-0748 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	268.96 73.55	110.33
40 05 23 23-0749 EA 2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	291.83 80.22	120.33
40 05 23 23-0750 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	356.40 96.12	144.18
40 05 23 23-0751 EA 3", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	446.86 120.46	180.70
40 05 23 23-0752 EA 4", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	517.19 135.20	202.80
40 05 23 23-0753 EA 6", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	780.86 180.26	270.38
40 05 23 23-0754 EA 8", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,344.99 272.79	409.18
40 05 23 23-0755 EA 10", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,111.41 409.19	613.78
40 05 23 23-0756 EA 12", Type 316, Schedule 10 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,729.78 511.49	767.23

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0757	EA		14", Type 316, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	3,537.76 614.67	922.00
40 05 23 23-0758	EA		16", Type 316, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	4,158.09 749.83	1,124.75
40 05 23 23-0759	EA		18", Type 316, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	5,283.60 954.78	1,432.17
40 05 23 23-0760	EA		20", Type 316, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	7,150.88 1,256.29	1,884.45
40 05 23 23-0761	EA		24", Type 316, Schedule 10 Stainless Steel Tee <i>For Work In Restricted Working Space, Add</i>	10,139.73 1,909.56	2,864.35
40 05 23 23-0762			Type 316, Schedule 10 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0685)		
40 05 23 23-0763	EA		3/4", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	162.79 36.40	54.60
40 05 23 23-0764	EA		1", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	192.06 44.60	66.90
40 05 23 23-0765	EA		1-1/4", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	239.04 50.11	75.17
40 05 23 23-0766	EA		1-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	239.92 57.13	85.69
40 05 23 23-0767	EA		2", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	254.13 61.39	92.08
40 05 23 23-0768	EA		2-1/2", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	361.54 66.90	100.34
40 05 23 23-0769	EA		3", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	338.34 80.19	120.28
40 05 23 23-0770	EA		4", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	462.66 100.22	150.34
40 05 23 23-0771	EA		6", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	678.42 114.52	171.77
40 05 23 23-0772	EA		8", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	1,368.88 170.50	255.74
40 05 23 23-0773	EA		10", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	2,572.74 227.33	341.00
40 05 23 23-0774	EA		12", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	3,335.93 341.00	511.49
40 05 23 23-0775	EA		14", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	3,778.66 409.66	614.50
40 05 23 23-0776	EA		16", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	4,687.87 499.71	749.57
40 05 23 23-0777	EA		18", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	6,062.80 636.52	954.78
40 05 23 23-0778	EA		20", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	8,693.58 837.53	1,256.29
40 05 23 23-0779	EA		24", Type 316, Schedule 10 Stainless Steel Reducing Tee <i>For Work In Restricted Working Space, Add</i>	13,639.45 1,271.91	1,907.86
40 05 23 23-0780			Type 316, Schedule 10 Stainless Steel Butt Weld Reducers (40 05 23 23-0685)		
40 05 23 23-0781	EA		3/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	124.15 33.10	49.65
40 05 23 23-0782	EA		1", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	137.27 36.07	54.10
40 05 23 23-0783	EA		1-1/4", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	153.38 39.98	59.97
40 05 23 23-0784	EA		1-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	159.39 43.58	65.36
40 05 23 23-0785	EA		2", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	172.95 48.12	72.18
40 05 23 23-0786	EA		2-1/2", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	230.60 60.13	90.21
40 05 23 23-0787	EA		3", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	269.67 68.46	102.69
40 05 23 23-0788	EA		4", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	291.87 80.22	120.33
40 05 23 23-0789	EA		6", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	411.47 102.13	153.19
40 05 23 23-0790	EA		8", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	650.86 163.68	245.52
40 05 23 23-0791	EA		10", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	847.25 204.60	306.90
40 05 23 23-0792	EA		12", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,134.28 272.79	409.18
40 05 23 23-0793	EA		14", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,629.42 358.04	537.07
40 05 23 23-0794	EA		16", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	1,896.45 408.03	612.04
40 05 23 23-0795	EA		18", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	2,344.51 511.49	767.23
40 05 23 23-0796	EA		20", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	3,320.49 681.99	1,022.99
40 05 23 23-0797	EA		24", Type 316, Schedule 10 Stainless Steel Concentric Reducer <i>For Work In Restricted Working Space, Add</i>	4,814.05 1,022.98	1,534.48

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0798 EA 3/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	149.14 33.10	49.65
40 05 23 23-0799 EA 1", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	166.94 36.07	54.10
40 05 23 23-0800 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	188.57 39.98	59.97
40 05 23 23-0801 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	200.54 43.58	65.36
40 05 23 23-0802 EA 2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	198.34 48.12	72.18
40 05 23 23-0803 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	265.69 60.13	90.21
40 05 23 23-0804 EA 3", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	305.67 68.46	102.69
40 05 23 23-0805 EA 4", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	340.69 80.22	120.33
40 05 23 23-0806 EA 6", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	495.37 102.13	153.19
40 05 23 23-0807 EA 8", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	832.68 163.68	245.52
40 05 23 23-0808 EA 10", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,160.38 204.60	306.90
40 05 23 23-0809 EA 12", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,459.20 272.79	409.18
40 05 23 23-0810 EA 14", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,245.60 358.04	537.07
40 05 23 23-0811 EA 16", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,641.19 408.03	612.04
40 05 23 23-0812 EA 18", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,269.79 511.49	767.23
40 05 23 23-0813 EA 20", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	4,800.31 681.99	1,022.99
40 05 23 23-0814 EA 24", Type 316, Schedule 10 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	6,571.45 1,022.98	1,534.48
40 05 23 23-0815 Type 316, Schedule 10 Stainless Steel Butt Weld Caps (40 05 23 23-0685)		
40 05 23 23-0816 EA 1/2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	71.26 17.14	25.71
40 05 23 23-0817 EA 3/4", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	79.60 18.19	27.28
40 05 23 23-0818 EA 1", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	87.21 19.99	29.99
40 05 23 23-0819 EA 1-1/4", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	95.41 21.79	32.68
40 05 23 23-0820 EA 1-1/2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	102.71 24.06	36.09
40 05 23 23-0821 EA 2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	106.91 26.77	40.15
40 05 23 23-0822 EA 2-1/2", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	132.91 34.26	51.39
40 05 23 23-0823 EA 3", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	157.64 40.16	60.24
40 05 23 23-0824 EA 4", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	188.82 48.06	72.09
40 05 23 23-0825 EA 6", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	248.01 60.13	90.21
40 05 23 23-0826 EA 8", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	426.40 102.30	153.44
40 05 23 23-0827 EA 10", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	565.23 136.40	204.60
40 05 23 23-0828 EA 12", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	830.18 204.60	306.89
40 05 23 23-0829 EA 14", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	965.09 238.70	358.04
40 05 23 23-0830 EA 16", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,111.03 272.28	408.41
40 05 23 23-0831 EA 18", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,401.67 341.00	511.49
40 05 23 23-0832 EA 20", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,938.89 477.39	716.09
40 05 23 23-0833 EA 24", Type 316, Schedule 10 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,954.72 681.99	1,022.98
40 05 23 23-0834 Type 316, Schedule 40 Stainless Steel Pipe And Butt Weld Fittings (40 05 23 23-0231)		
40 05 23 23-0835 Type 316, Schedule 40 Stainless Steel Pipe (40 05 23 23-0834)		
40 05 23 23-0836 LF 1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	29.03 2.71	4.51
40 05 23 23-0837 LF 3/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	35.20 3.31	5.52
40 05 23 23-0838 LF 1" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	43.63 3.88	6.51

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0839	LF		1-1/4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	54.54 4.85	8.01
40 05 23 23-0840	LF		1-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	63.18 5.47	9.02
40 05 23 23-0841	LF		2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	81.62 6.77	11.53
40 05 23 23-0842	LF		2-1/2" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	103.20 7.74	13.03
40 05 23 23-0843	LF		3" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	97.20 8.72	14.53
40 05 23 23-0844	LF		4" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	172.21 10.31	17.04
40 05 23 23-0845	LF		6" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	275.41 13.55	22.55
40 05 23 23-0846	LF		8" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	481.54 26.04	40.32
40 05 23 23-0847	LF		10" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	621.80 28.64	44.55
40 05 23 23-0848	LF		12" Pipe, Stainless Steel Schedule 40 Type 316 For Welded Butt Fitting <i>For Work In Restricted Working Space, Add</i>	785.90 31.82	49.33
40 05 23 23-0849			Type 316, Schedule 40 Stainless Steel Butt Weld 90 Degree Elbows <small>(40 05 23 23-0834)</small>		
40 05 23 23-0850	EA		1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	122.93 34.28	51.41
40 05 23 23-0851	EA		3/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	129.95 36.38	54.58
40 05 23 23-0852	EA		1", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	143.24 39.98	59.97
40 05 23 23-0853	EA		1-1/4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	156.00 43.58	65.36
40 05 23 23-0854	EA		1-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	171.98 48.12	72.18
40 05 23 23-0855	EA		2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	194.53 53.54	80.31
40 05 23 23-0856	EA		2-1/2", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	261.50 68.52	102.77
40 05 23 23-0857	EA		3", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	310.76 80.31	120.46
40 05 23 23-0858	EA		4", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	399.48 96.12	144.18
40 05 23 23-0859	EA		6", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	641.98 120.08	180.11
40 05 23 23-0860	EA		8", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,136.41 204.60	306.90
40 05 23 23-0861	EA		10", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	1,901.84 272.79	409.18
40 05 23 23-0862	EA		12", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	2,696.39 409.19	613.78
40 05 23 23-0863	EA		14", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,001.06 477.39	716.09
40 05 23 23-0864	EA		16", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	3,667.07 544.55	816.83
40 05 23 23-0865	EA		18", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	4,691.42 681.99	1,022.99
40 05 23 23-0866	EA		20", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	6,312.00 954.78	1,432.17
40 05 23 23-0867	EA		24", Type 316, Schedule 40 Stainless Steel 90 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	9,176.38 1,363.97	2,045.96
40 05 23 23-0868			Type 316, Schedule 40 Stainless Steel Butt Weld 45 Degree Elbows <small>(40 05 23 23-0834)</small>		
40 05 23 23-0869	EA		1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	126.14 34.28	51.41
40 05 23 23-0870	EA		3/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	133.16 36.38	54.58
40 05 23 23-0871	EA		1", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	145.17 39.98	59.97
40 05 23 23-0872	EA		1-1/4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	156.94 43.58	65.36
40 05 23 23-0873	EA		1-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	173.91 48.12	72.18
40 05 23 23-0874	EA		2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	194.53 53.54	80.31
40 05 23 23-0875	EA		2-1/2", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	261.50 68.52	102.77
40 05 23 23-0876	EA		3", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	298.23 80.31	120.46
40 05 23 23-0877	EA		4", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	375.69 96.12	144.18
40 05 23 23-0878	EA		6", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	544.26 120.08	180.11
40 05 23 23-0879	EA		8", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow <i>For Work In Restricted Working Space, Add</i>	964.24 204.60	306.90

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0880 EA 10", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	1,505.05 272.79	409.18
40 05 23 23-0881 EA 12", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,165.22 409.19	613.78
40 05 23 23-0882 EA 14", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,451.31 477.39	716.09
40 05 23 23-0883 EA 16", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	2,765.15 544.55	816.83
40 05 23 23-0884 EA 18", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	3,568.59 681.99	1,022.99
40 05 23 23-0885 EA 20", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	4,830.88 954.78	1,432.17
40 05 23 23-0886 EA 24", Type 316, Schedule 40 Stainless Steel 45 Degree Elbow..... <i>For Work In Restricted Working Space, Add</i>	7,198.39 1,363.97	2,045.96
40 05 23 23-0887 Type 316, Schedule 40 Stainless Steel Butt Weld Tees (40 05 23 23-0834)		
40 05 23 23-0888 EA 1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	169.00 43.56	65.34
40 05 23 23-0889 EA 3/4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	202.05 53.48	80.22
40 05 23 23-0890 EA 1", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	224.08 60.09	90.13
40 05 23 23-0891 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	258.55 68.52	102.77
40 05 23 23-0892 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	268.96 73.55	110.33
40 05 23 23-0893 EA 2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	293.12 80.22	120.33
40 05 23 23-0894 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	367.86 96.12	144.18
40 05 23 23-0895 EA 3", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	452.97 120.46	180.70
40 05 23 23-0896 EA 4", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	527.80 135.20	202.80
40 05 23 23-0897 EA 6", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	856.40 180.26	270.38
40 05 23 23-0898 EA 8", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	1,539.06 272.79	409.18
40 05 23 23-0899 EA 10", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	2,623.82 409.19	613.78
40 05 23 23-0900 EA 12", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	3,221.03 511.49	767.23
40 05 23 23-0901 EA 14", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	4,693.36 614.67	922.00
40 05 23 23-0902 EA 16", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	5,823.35 749.83	1,124.75
40 05 23 23-0903 EA 18", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	7,553.62 954.78	1,432.17
40 05 23 23-0904 EA 20", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	9,803.00 1,256.29	1,884.45
40 05 23 23-0905 EA 24", Type 316, Schedule 40 Stainless Steel Tee..... <i>For Work In Restricted Working Space, Add</i>	13,970.13 1,909.56	2,864.35
40 05 23 23-0906 Type 316, Schedule 40 Stainless Steel Butt Weld Reducing Tees (40 05 23 23-0834)		
40 05 23 23-0907 EA 3/4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	168.89 36.40	54.60
40 05 23 23-0908 EA 1", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	196.23 44.60	66.90
40 05 23 23-0909 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	264.76 50.11	75.17
40 05 23 23-0910 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	249.89 57.13	85.69
40 05 23 23-0911 EA 2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	254.13 61.39	92.08
40 05 23 23-0912 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	363.47 66.90	100.34
40 05 23 23-0913 EA 3", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	352.16 80.19	120.28
40 05 23 23-0914 EA 4", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	476.48 100.22	150.34
40 05 23 23-0915 EA 6", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	687.09 114.52	171.77
40 05 23 23-0916 EA 8", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	1,198.07 170.50	255.74
40 05 23 23-0917 EA 10", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	2,615.45 227.33	341.00
40 05 23 23-0918 EA 12", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,421.33 341.00	511.49
40 05 23 23-0919 EA 14", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	3,872.37 409.66	614.50
40 05 23 23-0920 EA 16", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	4,805.23 499.71	749.57

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0921	EA		18", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	6,215.84 636.52	954.78
40 05 23 23-0922	EA		20", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	8,922.76 837.53	1,256.29
40 05 23 23-0923	EA		24", Type 316, Schedule 40 Stainless Steel Reducing Tee..... <i>For Work In Restricted Working Space, Add</i>	14,004.46 1,271.91	1,907.86
40 05 23 23-0924			Type 316, Schedule 40 Stainless Steel Butt Weld Reducers (40 05 23 23-0834)		
40 05 23 23-0925	EA		3/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	129.30 33.10	49.65
40 05 23 23-0926	EA		1", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	142.41 36.07	54.10
40 05 23 23-0927	EA		1-1/4", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	155.72 39.98	59.97
40 05 23 23-0928	EA		1-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	165.18 43.58	65.36
40 05 23 23-0929	EA		2", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	176.48 48.12	72.18
40 05 23 23-0930	EA		2-1/2", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	241.91 60.13	90.21
40 05 23 23-0931	EA		3", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	257.13 68.46	102.69
40 05 23 23-0932	EA		4", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	296.33 80.22	120.33
40 05 23 23-0933	EA		6", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	413.72 102.13	153.19
40 05 23 23-0934	EA		8", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	718.13 163.68	245.52
40 05 23 23-0935	EA		10", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	973.96 204.60	306.90
40 05 23 23-0936	EA		12", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,225.23 272.79	409.18
40 05 23 23-0937	EA		14", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,802.67 358.04	537.07
40 05 23 23-0938	EA		16", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,080.83 408.03	612.04
40 05 23 23-0939	EA		18", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,805.06 511.49	767.23
40 05 23 23-0940	EA		20", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,813.13 681.99	1,022.99
40 05 23 23-0941	EA		24", Type 316, Schedule 40 Stainless Steel Concentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,436.12 1,022.98	1,534.48
40 05 23 23-0942	EA		3/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	165.62 33.10	49.65
40 05 23 23-0943	EA		1", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	175.52 36.07	54.10
40 05 23 23-0944	EA		1-1/4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	205.28 39.98	59.97
40 05 23 23-0945	EA		1-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	210.50 43.58	65.36
40 05 23 23-0946	EA		2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	224.70 48.12	72.18
40 05 23 23-0947	EA		2-1/2", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	265.69 60.13	90.21
40 05 23 23-0948	EA		3", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	350.03 68.46	102.69
40 05 23 23-0949	EA		4", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	376.05 80.22	120.33
40 05 23 23-0950	EA		6", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	544.55 102.13	153.19
40 05 23 23-0951	EA		8", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	816.03 163.68	245.52
40 05 23 23-0952	EA		10", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,189.19 204.60	306.90
40 05 23 23-0953	EA		12", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	1,655.71 272.79	409.18
40 05 23 23-0954	EA		14", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,525.91 358.04	537.07
40 05 23 23-0955	EA		16", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	2,913.44 408.03	612.04
40 05 23 23-0956	EA		18", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	3,943.25 511.49	767.23
40 05 23 23-0957	EA		20", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	5,051.47 681.99	1,022.99
40 05 23 23-0958	EA		24", Type 316, Schedule 40 Stainless Steel Eccentric Reducer..... <i>For Work In Restricted Working Space, Add</i>	7,572.59 1,022.98	1,534.48
40 05 23 23-0959			Type 316, Schedule 40 Stainless Steel Butt Weld Caps (40 05 23 23-0834)		
40 05 23 23-0960	EA		1/2", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	71.91 17.14	25.71
40 05 23 23-0961	EA		3/4", Type 316, Schedule 40 Stainless Steel Cap..... <i>For Work In Restricted Working Space, Add</i>	79.27 18.19	27.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0962 EA 1", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	87.86 19.99	29.99
40 05 23 23-0963 EA 1-1/4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	101.37 21.79	32.68
40 05 23 23-0964 EA 1-1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	97.89 24.06	36.09
40 05 23 23-0965 EA 2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	111.41 26.77	40.15
40 05 23 23-0966 EA 2-1/2", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	138.76 34.26	51.39
40 05 23 23-0967 EA 3", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	158.60 40.16	60.24
40 05 23 23-0968 EA 4", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	195.89 48.06	72.09
40 05 23 23-0969 EA 6", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	277.59 60.13	90.21
40 05 23 23-0970 EA 8", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	481.95 102.30	153.44
40 05 23 23-0971 EA 10", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	646.98 136.40	204.60
40 05 23 23-0972 EA 12", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	963.88 204.60	306.89
40 05 23 23-0973 EA 14", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,094.65 238.70	358.04
40 05 23 23-0974 EA 16", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,227.09 272.28	408.41
40 05 23 23-0975 EA 18", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	1,571.60 341.00	511.49
40 05 23 23-0976 EA 20", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	2,152.82 477.39	716.09
40 05 23 23-0977 EA 24", Type 316, Schedule 40 Stainless Steel Cap <i>For Work In Restricted Working Space, Add</i>	3,371.34 681.99	1,022.98
40 05 23 23-0978 Valves <small>(40 05 23 23-0231)</small>		
40 05 23 23-0979 Gate Valves, Class 150 <small>(40 05 23 23-0978)</small>		
40 05 23 23-0980 EA 1/2" Gate Valve, Stainless Steel, Flanged <i>For Class 200, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	697.20 -169.29 19.30 594.90	51.46
40 05 23 23-0981 EA 3/4" Gate Valve, Stainless Steel, Flanged <i>For Class 200, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	756.29 -182.23 22.52 640.36	53.61
40 05 23 23-0982 EA 1" Gate Valve, Stainless Steel, Flanged <i>For Class 200, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	930.01 -221.72 30.35 779.13	80.41
40 05 23 23-0983 EA 1-1/4" Gate Valve, Stainless Steel, Flanged <i>For Class 200, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,175.22 -283.20 34.96 995.16	93.81
40 05 23 23-0984 EA 1-1/2" Gate Valve, Stainless Steel, Flanged <i>For Class 200, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,321.19 -313.93 44.29 1,103.16	118.09
40 05 23 23-0985 EA 2" Gate Valve, Stainless Steel, Flanged <i>For Class 200, Deduct</i> <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	1,567.53 -371.51 53.61 1,305.50	142.92
40 05 23 23-0986 EA 2-1/2" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	2,266.96 58.48 1,947.70	155.47
40 05 23 23-0987 EA 3" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	2,551.22 68.44 2,183.71	182.28
40 05 23 23-0988 EA 4" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	3,354.73 114.88 2,793.49	305.57
40 05 23 23-0989 EA 6" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	5,649.91 145.26 4,855.76	385.99
40 05 23 23-0990 EA 8" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	12,433.83 183.80 11,111.89	493.21
40 05 23 23-0991 EA 10" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	17,550.78 225.16 15,792.24	600.43
40 05 23 23-0992 EA 12" Gate Valve, Stainless Steel, Flanged <i>For Work In Restricted Working Space, Add</i> <i>For Class 300, Add</i>	26,477.67 272.92 24,033.86	729.08
40 05 23 23-0993 Globe Valves, Class 150 <small>(40 05 23 23-0978)</small>		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-0994	EA		1/2" Globe Valve, Stainless Steel, Flanged	958.35	51.46
			<i>For Work In Restricted Working Space, Add</i>	19.30	
			<i>For Class 200, Deduct</i>	-239.15	
			<i>For Class 300, Add</i>	840.38	
40 05 23 23-0995	EA		3/4" Globe Valve, Stainless Steel, Flanged	1,059.77	53.61
			<i>For Work In Restricted Working Space, Add</i>	22.52	
			<i>For Class 200, Deduct</i>	-263.41	
			<i>For Class 300, Add</i>	925.63	
40 05 23 23-0996	EA		1" Globe Valve, Stainless Steel, Flanged	1,319.08	80.41
			<i>For Work In Restricted Working Space, Add</i>	30.35	
			<i>For Class 200, Deduct</i>	-325.80	
			<i>For Class 300, Add</i>	1,144.85	
40 05 23 23-0997	EA		1-1/2" Globe Valve, Stainless Steel, Flanged	1,961.56	118.09
			<i>For Work In Restricted Working Space, Add</i>	44.29	
			<i>For Class 200, Deduct</i>	-485.23	
			<i>For Class 300, Add</i>	1,705.10	
40 05 23 23-0998	EA		2" Globe Valve, Stainless Steel, Flanged	2,394.31	142.92
			<i>For Work In Restricted Working Space, Add</i>	53.61	
			<i>For Class 200, Deduct</i>	-592.68	
			<i>For Class 300, Add</i>	2,082.67	
40 05 23 23-0999	EA		2-1/2" Globe Valve, Stainless Steel, Flanged	4,859.39	155.47
			<i>For Work In Restricted Working Space, Add</i>	58.48	
			<i>For Class 300, Add</i>	4,384.58	
40 05 23 23-1000	EA		3" Globe Valve, Stainless Steel, Flanged	5,022.14	182.28
			<i>For Work In Restricted Working Space, Add</i>	68.44	
			<i>For Class 300, Add</i>	4,506.38	
40 05 23 23-1001	EA		4" Globe Valve, Stainless Steel, Flanged	5,954.34	305.57
			<i>For Work In Restricted Working Space, Add</i>	114.88	
			<i>For Class 300, Add</i>	5,237.13	
40 05 23 23-1002	EA		6" Globe Valve, Stainless Steel, Flanged	11,043.98	385.99
			<i>For Work In Restricted Working Space, Add</i>	145.26	
			<i>For Class 300, Add</i>	9,926.18	
40 05 23 23-1003			Check Valves, Class 150 (40 05 23 23-0978)		
40 05 23 23-1004	EA		2-1/2" Check Valve, Stainless Steel, Flanged	2,167.53	155.47
			<i>For Class 300, Add</i>	1,854.23	
			<i>For Work In Restricted Working Space, Add</i>	58.48	
40 05 23 23-1005	EA		3" Check Valve, Stainless Steel, Flanged	2,262.22	182.28
			<i>For Class 300, Add</i>	1,912.05	
			<i>For Work In Restricted Working Space, Add</i>	68.44	
40 05 23 23-1006	EA		4" Check Valve, Stainless Steel, Flanged	3,548.59	305.57
			<i>For Class 300, Add</i>	2,975.72	
			<i>For Work In Restricted Working Space, Add</i>	114.88	
40 05 23 23-1007	EA		6" Check Valve, Stainless Steel, Flanged	6,141.99	385.99
			<i>For Class 300, Add</i>	5,318.31	
			<i>For Work In Restricted Working Space, Add</i>	145.26	
40 05 23 23-1008	EA		8" Check Valve, Stainless Steel, Flanged	10,850.54	493.21
			<i>For Class 300, Add</i>	9,623.60	
			<i>For Work In Restricted Working Space, Add</i>	183.80	
40 05 23 23-1009			Stainless Steel Thread-O-Let Fittings (40 05 23 23-0231)		
40 05 23 23-1010	EA		1/2", Stainless Steel Thread-o-let Fitting	84.71	31.12
			<i>For Work In Restricted Working Space, Add</i>	20.75	
40 05 23 23-1011	EA		3/4", Stainless Steel Thread-o-let Fitting	111.64	41.50
			<i>For Work In Restricted Working Space, Add</i>	27.67	
40 05 23 23-1012	EA		1", Stainless Steel Thread-o-let Fitting	137.48	51.46
			<i>For Work In Restricted Working Space, Add</i>	34.31	
40 05 23 23-1013	EA		1-1/4", Stainless Steel Thread-o-let Fitting	197.70	72.82
			<i>For Work In Restricted Working Space, Add</i>	48.55	
40 05 23 23-1014	EA		1-1/2", Stainless Steel Thread-o-let Fitting	218.36	82.13
			<i>For Work In Restricted Working Space, Add</i>	54.75	
40 05 23 23-1015	EA		2", Stainless Steel Thread-o-let Fitting	272.65	104.33
			<i>For Work In Restricted Working Space, Add</i>	69.55	
40 05 23 23-1016	EA		2-1/2", Stainless Steel Thread-o-let Fitting	494.36	160.83
			<i>For Work In Restricted Working Space, Add</i>	107.22	
40 05 23 23-1017	EA		3", Stainless Steel Thread-o-let Fitting	665.05	205.32
			<i>For Work In Restricted Working Space, Add</i>	136.88	
40 05 23 23-1018	EA		4", Stainless Steel Thread-o-let Fitting	880.69	257.32
			<i>For Work In Restricted Working Space, Add</i>	171.55	
40 05 23 23-1019			Stainless Steel Flanges (40 05 23 23-0231)		
40 05 23 23-1020			150#, Type 304 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		
40 05 23 23-1021	EA		1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	81.50	17.30
			<i>For Work In Restricted Working Space, Add</i>	10.38	
40 05 23 23-1022	EA		3/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	98.23	23.06
			<i>For Work In Restricted Working Space, Add</i>	13.83	
40 05 23 23-1023	EA		1", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	115.57	28.59
			<i>For Work In Restricted Working Space, Add</i>	17.15	
40 05 23 23-1024	EA		1-1/4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	154.93	40.47
			<i>For Work In Restricted Working Space, Add</i>	24.27	
40 05 23 23-1025	EA		1-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange	165.27	45.62
			<i>For Work In Restricted Working Space, Add</i>	27.38	

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1026 EA 2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	212.90 34.78	57.95
40 05 23 23-1027 EA 2-1/2", 150#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	314.22 53.61	89.31
40 05 23 23-1028 EA 3", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	369.90 68.44	182.28
40 05 23 23-1029 EA 4", 150#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	479.83 85.78	142.92
40 05 23 23-1030 300#, Type 304 Stainless Steel Raised Face Threaded Flange <small>(40 05 23 23-1019)</small>		
40 05 23 23-1031 EA 1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	108.61 10.38	17.30
40 05 23 23-1032 EA 3/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	120.13 13.83	23.06
40 05 23 23-1033 EA 1", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	131.20 17.15	28.59
40 05 23 23-1034 EA 1-1/4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	194.58 24.27	40.47
40 05 23 23-1035 EA 1-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	204.92 27.38	45.62
40 05 23 23-1036 EA 2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	253.55 34.78	57.95
40 05 23 23-1037 EA 2-1/2", 300#, Type 304 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	404.93 53.61	89.31
40 05 23 23-1038 EA 3", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	462.67 68.44	182.28
40 05 23 23-1039 EA 4", 300#, Type 304 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	622.66 85.78	142.92
40 05 23 23-1040 150#, Type 304 Stainless Steel Raised Face Weld Neck Flange <small>(40 05 23 23-1019)</small>		
40 05 23 23-1041 EA 1/2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	104.03 17.14	25.70
40 05 23 23-1042 EA 3/4", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	112.75 18.19	27.28
40 05 23 23-1043 EA 1", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	127.09 20.00	29.99
40 05 23 23-1044 EA 1-1/4", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	159.25 21.81	32.70
40 05 23 23-1045 EA 1-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	166.68 24.04	36.05
40 05 23 23-1046 EA 2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	185.18 26.78	40.16
40 05 23 23-1047 EA 2-1/2", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	259.07 34.24	51.35
40 05 23 23-1048 EA 3", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	292.08 40.08	60.12
40 05 23 23-1049 EA 4", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	381.11 48.03	72.04
40 05 23 23-1050 EA 6", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	581.58 60.01	90.01
40 05 23 23-1051 EA 8", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	987.32 102.30	153.44
40 05 23 23-1052 EA 10", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,408.50 136.40	204.59
40 05 23 23-1053 EA 12", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	2,170.60 204.60	306.89
40 05 23 23-1054 EA 14", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	2,730.10 238.70	358.04
40 05 23 23-1055 EA 16", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	3,431.92 272.28	408.41
40 05 23 23-1056 EA 18", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	4,203.17 341.00	511.49
40 05 23 23-1057 EA 20", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	5,411.73 477.39	716.09
40 05 23 23-1058 EA 24", 150#, Type 304 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	7,687.18 681.99	1,022.98
40 05 23 23-1059 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange <small>(40 05 23 23-1019)</small>		
40 05 23 23-1060 EA 1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	136.36 17.14	25.70
40 05 23 23-1061 EA 3/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	139.87 18.19	27.28
40 05 23 23-1062 EA 1" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	145.89 20.00	29.99
40 05 23 23-1063 EA 1-1/4" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	195.68 21.81	32.70
40 05 23 23-1064 EA 1-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	203.11 24.04	36.05
40 05 23 23-1065 EA 2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	216.45 26.78	40.16
40 05 23 23-1066 EA 2-1/2" 300#, Type 304 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	313.25 34.24	51.35

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1067	EA	3" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	352.53 40.08	60.12
40 05 23 23-1068	EA	4" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	522.84 48.03	72.04
40 05 23 23-1069	EA	6" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	742.11 60.01	90.01
40 05 23 23-1070	EA	8" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,387.62 102.30	153.44
40 05 23 23-1071	EA	10" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	1,937.04 136.40	204.59
40 05 23 23-1072	EA	12" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	2,841.98 204.60	306.89
40 05 23 23-1073	EA	14" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	3,791.42 238.70	358.04
40 05 23 23-1074	EA	16" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	4,701.12 272.28	408.41
40 05 23 23-1075	EA	18" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	6,010.49 341.00	511.49
40 05 23 23-1076	EA	20" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	7,724.11 477.39	716.09
40 05 23 23-1077	EA	24" 300#	Type 304 Stainless Steel Raised Face Weld Neck Flange <i>For Work In Restricted Working Space, Add</i>	11,258.52 681.99	1,022.98
40 05 23 23-1078			150#, Type 304 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1079	EA	1/2"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	155.95 34.28	51.40
40 05 23 23-1080	EA	3/4"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	164.02 36.38	54.57
40 05 23 23-1081	EA	1"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	180.20 39.99	59.97
40 05 23 23-1082	EA	1-1/4"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	208.97 43.61	65.41
40 05 23 23-1083	EA	1-1/2"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	223.84 48.07	72.10
40 05 23 23-1084	EA	2"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	260.90 53.55	80.32
40 05 23 23-1085	EA	2-1/2"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	343.98 68.48	102.71
40 05 23 23-1086	EA	3"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	391.33 80.17	120.25
40 05 23 23-1087	EA	4"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	489.11 96.06	144.09
40 05 23 23-1088	EA	6"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	657.57 120.02	180.02
40 05 23 23-1089	EA	8"	150#, Type 304 Stainless Steel Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,168.84 204.60	306.89
40 05 23 23-1090	EA	10"	150#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,665.09 272.79	409.18
40 05 23 23-1091	EA	12"	150#, Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	2,480.45 409.19	613.77
40 05 23 23-1092			300#, Type 304 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1093	EA	1/2" 300#	Type 304 Stainless Steel Raised Neck Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	176.80 34.28	51.40
40 05 23 23-1094	EA	3/4" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	183.82 36.38	54.57
40 05 23 23-1095	EA	1" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	195.84 39.99	59.97
40 05 23 23-1096	EA	1-1/4" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	241.30 43.61	65.41
40 05 23 23-1097	EA	1-1/2" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	256.17 48.07	72.10
40 05 23 23-1098	EA	2" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	282.75 53.55	80.32
40 05 23 23-1099	EA	2-1/2" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	425.33 68.48	102.71
40 05 23 23-1100	EA	3" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	472.62 80.17	120.25
40 05 23 23-1101	EA	4" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	601.67 96.06	144.09
40 05 23 23-1102	EA	6" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	975.52 120.02	180.02
40 05 23 23-1103	EA	8" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	1,489.89 204.60	306.89
40 05 23 23-1104	EA	10" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	2,182.16 272.79	409.18
40 05 23 23-1105	EA	12" 300#	Type 304 Stainless Steel Raised Face Slip-On Flange <i>For Work In Restricted Working Space, Add</i>	3,145.57 409.19	613.77
40 05 23 23-1106			150#, Type 304 Stainless Steel Blind Flanges (40 05 23 23-1019)		
40 05 23 23-1107	EA	1/2"	150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	67.35 6.86	10.28

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1108 EA 3/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	70.12 7.28	10.90
40 05 23 23-1109 EA 1", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	75.68 8.00	11.99
40 05 23 23-1110 EA 1-1/4", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	99.53 8.90	13.35
40 05 23 23-1111 EA 1-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	109.96 12.03	18.05
40 05 23 23-1112 EA 2", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	131.06 13.35	20.02
40 05 23 23-1113 EA 2-1/2", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	180.22 17.17	25.74
40 05 23 23-1114 EA 3", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	215.69 24.05	36.08
40 05 23 23-1115 EA 4", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	323.34 40.08	60.11
40 05 23 23-1116 EA 6", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	449.08 51.53	77.30
40 05 23 23-1117 EA 8", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	719.87 63.65	95.48
40 05 23 23-1118 EA 10", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,136.54 76.38	114.57
40 05 23 23-1119 EA 12", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,511.87 95.48	143.22
40 05 23 23-1120 EA 14", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,924.74 119.35	179.02
40 05 23 23-1121 EA 16", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,507.99 136.14	204.20
40 05 23 23-1122 EA 18", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,952.06 170.50	255.74
40 05 23 23-1123 EA 20", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,904.39 238.70	358.04
40 05 23 23-1124 EA 24", 150#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	5,695.41 341.00	511.49
40 05 23 23-1125 300#, Type 304 Stainless Steel Blind Flanges <small>(40 05 23 23-1019)</small>		
40 05 23 23-1126 EA 1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	88.57 6.86	10.28
40 05 23 23-1127 EA 3/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	89.97 7.28	10.90
40 05 23 23-1128 EA 1", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	92.37 8.00	11.99
40 05 23 23-1129 EA 1-1/4", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	119.32 8.90	13.35
40 05 23 23-1130 EA 1-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	129.75 12.03	18.05
40 05 23 23-1131 EA 2", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	141.48 13.35	20.02
40 05 23 23-1132 EA 2-1/2", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	253.19 17.17	25.74
40 05 23 23-1133 EA 3", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	283.98 24.05	36.08
40 05 23 23-1134 EA 4", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	408.79 40.08	60.11
40 05 23 23-1135 EA 6", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	801.41 51.53	77.30
40 05 23 23-1136 EA 8", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,141.01 63.65	95.48
40 05 23 23-1137 EA 10", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,649.40 76.38	114.57
40 05 23 23-1138 EA 12", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,298.93 95.48	143.22
40 05 23 23-1139 EA 14", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,237.46 119.35	179.02
40 05 23 23-1140 EA 16", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	4,165.35 136.14	204.20
40 05 23 23-1141 EA 18", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	5,446.36 170.50	255.74
40 05 23 23-1142 EA 20", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	6,863.74 238.70	358.04
40 05 23 23-1143 EA 24", 300#, Type 304 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	10,562.81 341.00	511.49
40 05 23 23-1144 150#, Type 316 Stainless Steel Raised Face Threaded Flange <small>(40 05 23 23-1019)</small>		
40 05 23 23-1145 EA 1/2", 150#, Type 316 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	100.30 10.38	17.30
40 05 23 23-1146 EA 3/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	122.24 13.83	23.06
40 05 23 23-1147 EA 1", 150#, Type 316 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	138.47 17.15	28.59
40 05 23 23-1148 EA 1-1/4", 150#, Type 316 Stainless Steel Raised Face Threaded Flange <i>For Work In Restricted Working Space, Add</i>	189.31 24.27	40.47

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1149	EA	1-1/2"	150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	199.65 27.38	45.62
40 05 23 23-1150	EA	2"	150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	250.44 34.78	57.95
40 05 23 23-1151	EA	2-1/2"	150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	368.45 53.61	89.31
40 05 23 23-1152	EA	3"	150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	439.77 68.44	182.28
40 05 23 23-1153	EA	4"	150#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	577.81 85.78	142.92
40 05 23 23-1154			300#, Type 316 Stainless Steel Raised Face Threaded Flange (40 05 23 23-1019)		
40 05 23 23-1155	EA	1/2"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	135.73 10.38	17.30
40 05 23 23-1156	EA	3/4"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	147.25 13.83	23.06
40 05 23 23-1157	EA	1"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	158.32 17.15	28.59
40 05 23 23-1158	EA	1-1/4"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	246.70 24.27	40.47
40 05 23 23-1159	EA	1-1/2"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	257.04 27.38	45.62
40 05 23 23-1160	EA	2"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	299.40 34.78	57.95
40 05 23 23-1161	EA	2-1/2"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	508.13 53.61	89.31
40 05 23 23-1162	EA	3"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	567.97 68.44	182.28
40 05 23 23-1163	EA	4"	300#, Type 316 Stainless Steel Raised Face Threaded Flange..... <i>For Work In Restricted Working Space, Add</i>	790.46 85.78	142.92
40 05 23 23-1164			150#, Type 316 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1165	EA	1/2"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	127.99 17.14	25.70
40 05 23 23-1166	EA	3/4"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	136.76 18.19	27.28
40 05 23 23-1167	EA	1"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	154.21 20.00	29.99
40 05 23 23-1168	EA	1-1/4"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	194.68 21.81	32.70
40 05 23 23-1169	EA	1-1/2"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	202.11 24.04	36.05
40 05 23 23-1170	EA	2"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	221.66 26.78	40.16
40 05 23 23-1171	EA	2-1/2"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	320.52 34.24	51.35
40 05 23 23-1172	EA	3"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	347.31 40.08	60.12
40 05 23 23-1173	EA	4"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	474.93 48.03	72.04
40 05 23 23-1174	EA	6"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	744.21 60.01	90.01
40 05 23 23-1175	EA	8"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,238.57 102.30	153.44
40 05 23 23-1176	EA	10"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	1,827.59 136.40	204.59
40 05 23 23-1177	EA	12"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	2,724.20 204.60	306.89
40 05 23 23-1178	EA	14"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	3,188.60 238.70	358.04
40 05 23 23-1179	EA	16"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	4,030.22 272.28	408.41
40 05 23 23-1180	EA	18"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	4,929.99 341.00	511.49
40 05 23 23-1181	EA	20"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	6,317.23 477.39	716.09
40 05 23 23-1182	EA	24"	150#, Type 316 Stainless Steel Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	8,970.36 681.99	1,022.98
40 05 23 23-1183			300#, Type 316 Stainless Steel Raised Face Weld Neck Flange (40 05 23 23-1019)		
40 05 23 23-1184	EA	1/2"	300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	167.63 17.14	25.70
40 05 23 23-1185	EA	3/4"	300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	171.14 18.19	27.28
40 05 23 23-1186	EA	1"	300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	177.16 20.00	29.99
40 05 23 23-1187	EA	1-1/4"	300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	238.48 21.81	32.70
40 05 23 23-1188	EA	1-1/2"	300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	245.91 24.04	36.05
40 05 23 23-1189	EA	2"	300#, Type 316 Stainless Steel Raised Face Weld Neck Flange..... <i>For Work In Restricted Working Space, Add</i>	268.57 26.78	40.16

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1190 EA 2-1/2" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	402.91	51.35
<i>For Work In Restricted Working Space, Add</i>	34.24	
40 05 23 23-1191 EA 3" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	436.98	60.12
<i>For Work In Restricted Working Space, Add</i>	40.08	
40 05 23 23-1192 EA 4" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	679.21	72.04
<i>For Work In Restricted Working Space, Add</i>	48.03	
40 05 23 23-1193 EA 6" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	1,128.87	90.01
<i>For Work In Restricted Working Space, Add</i>	60.01	
40 05 23 23-1194 EA 8" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	1,782.75	153.44
<i>For Work In Restricted Working Space, Add</i>	102.30	
40 05 23 23-1195 EA 10" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	2,577.10	204.59
<i>For Work In Restricted Working Space, Add</i>	136.40	
40 05 23 23-1196 EA 12" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	3,782.24	306.89
<i>For Work In Restricted Working Space, Add</i>	204.60	
40 05 23 23-1197 EA 14" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	5,159.00	358.04
<i>For Work In Restricted Working Space, Add</i>	238.70	
40 05 23 23-1198 EA 16" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	6,432.89	408.41
<i>For Work In Restricted Working Space, Add</i>	272.28	
40 05 23 23-1199 EA 18" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	8,235.42	511.49
<i>For Work In Restricted Working Space, Add</i>	341.00	
40 05 23 23-1200 EA 20" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	10,523.77	716.09
<i>For Work In Restricted Working Space, Add</i>	477.39	
40 05 23 23-1201 EA 24" 300#, Type 316 Stainless Steel Raised Face Weld Neck Flange.....	15,360.33	1,022.98
<i>For Work In Restricted Working Space, Add</i>	681.99	
40 05 23 23-1202 150#, Type 316 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1203 EA 1/2", 150#, Type 316 Stainless Steel Slip-On Flange.....	168.48	51.40
<i>For Work In Restricted Working Space, Add</i>	34.28	
40 05 23 23-1204 EA 3/4", 150#, Type 316 Stainless Steel Slip-On Flange.....	182.82	54.57
<i>For Work In Restricted Working Space, Add</i>	36.38	
40 05 23 23-1205 EA 1", 150#, Type 316 Stainless Steel Slip-On Flange.....	201.73	59.97
<i>For Work In Restricted Working Space, Add</i>	39.99	
40 05 23 23-1206 EA 1-1/4", 150#, Type 316 Stainless Steel Slip-On Flange.....	287.52	65.41
<i>For Work In Restricted Working Space, Add</i>	43.61	
40 05 23 23-1207 EA 1-1/2", 150#, Type 316 Stainless Steel Slip-On Flange.....	248.85	72.10
<i>For Work In Restricted Working Space, Add</i>	48.07	
40 05 23 23-1208 EA 2", 150#, Type 316 Stainless Steel Slip-On Flange.....	267.11	80.32
<i>For Work In Restricted Working Space, Add</i>	53.55	
40 05 23 23-1209 EA 2-1/2", 150#, Type 316 Stainless Steel Slip-On Flange.....	339.82	102.71
<i>For Work In Restricted Working Space, Add</i>	68.48	
40 05 23 23-1210 EA 3", 150#, Type 316 Stainless Steel Slip-On Flange.....	426.77	120.25
<i>For Work In Restricted Working Space, Add</i>	80.17	
40 05 23 23-1211 EA 4", 150#, Type 316 Stainless Steel Slip-On Flange.....	564.13	144.09
<i>For Work In Restricted Working Space, Add</i>	96.06	
40 05 23 23-1212 EA 6", 150#, Type 316 Stainless Steel Slip-On Flange.....	769.08	180.02
<i>For Work In Restricted Working Space, Add</i>	120.02	
40 05 23 23-1213 EA 8", 150#, Type 316 Stainless Steel Slip-On Flange.....	1,399.18	306.89
<i>For Work In Restricted Working Space, Add</i>	204.60	
40 05 23 23-1214 EA 10" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	1,979.93	409.18
<i>For Work In Restricted Working Space, Add</i>	272.79	
40 05 23 23-1215 EA 12" 150#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	2,901.59	613.77
<i>For Work In Restricted Working Space, Add</i>	409.19	
40 05 23 23-1216 300#, Type 316 Stainless Steel Raised Face Slip-On Flanges (40 05 23 23-1019)		
40 05 23 23-1217 EA 1/2" 300#, Type 316 Stainless Steel Raised Neck Slip-On Flange.....	197.65	51.40
<i>For Work In Restricted Working Space, Add</i>	34.28	
40 05 23 23-1218 EA 3/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	204.67	54.57
<i>For Work In Restricted Working Space, Add</i>	36.38	
40 05 23 23-1219 EA 1" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	216.69	59.97
<i>For Work In Restricted Working Space, Add</i>	39.99	
40 05 23 23-1220 EA 1-1/4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	281.94	65.41
<i>For Work In Restricted Working Space, Add</i>	43.61	
40 05 23 23-1221 EA 1-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	296.81	72.10
<i>For Work In Restricted Working Space, Add</i>	48.07	
40 05 23 23-1222 EA 2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	321.18	80.32
<i>For Work In Restricted Working Space, Add</i>	53.55	
40 05 23 23-1223 EA 2-1/2" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	515.99	102.71
<i>For Work In Restricted Working Space, Add</i>	68.48	
40 05 23 23-1224 EA 3" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	565.39	120.25
<i>For Work In Restricted Working Space, Add</i>	80.17	
40 05 23 23-1225 EA 4" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	745.51	144.09
<i>For Work In Restricted Working Space, Add</i>	96.06	
40 05 23 23-1226 EA 6" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	1,185.06	180.02
<i>For Work In Restricted Working Space, Add</i>	120.02	
40 05 23 23-1227 EA 8" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	1,705.70	306.89
<i>For Work In Restricted Working Space, Add</i>	204.60	
40 05 23 23-1228 EA 10" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	2,884.76	409.18
<i>For Work In Restricted Working Space, Add</i>	272.79	
40 05 23 23-1229 EA 12" 300#, Type 316 Stainless Steel Raised Face Slip-On Flange.....	3,764.78	613.77
<i>For Work In Restricted Working Space, Add</i>	409.19	
40 05 23 23-1230 150#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)		

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 23 Stainless Steel Process Pipe and Tubing**

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 23 23-1231	EA	1/2"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	77.09 6.86	10.28
40 05 23 23-1232	EA	3/4"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	87.86 7.28	10.90
40 05 23 23-1233	EA	1"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	99.63 8.00	11.99
40 05 23 23-1234	EA	1-1/4"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	118.27 8.90	13.35
40 05 23 23-1235	EA	1-1/2"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	128.70 12.03	18.05
40 05 23 23-1236	EA	2"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	162.33 13.35	20.02
40 05 23 23-1237	EA	2-1/2"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	229.24 17.17	25.74
40 05 23 23-1238	EA	3"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	269.92 24.05	36.08
40 05 23 23-1239	EA	4"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	415.05 40.08	60.11
40 05 23 23-1240	EA	6"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	596.08 51.53	77.30
40 05 23 23-1241	EA	8"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,071.14 63.65	95.48
40 05 23 23-1242	EA	10"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,413.84 76.38	114.57
40 05 23 23-1243	EA	12"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,311.46 95.48	143.22
40 05 23 23-1244	EA	14"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,743.37 119.35	179.02
40 05 23 23-1245	EA	16"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,609.32 136.14	204.20
40 05 23 23-1246	EA	18"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	4,230.07 170.50	255.74
40 05 23 23-1247	EA	20"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	5,571.11 238.70	358.04
40 05 23 23-1248	EA	24"	150#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	8,139.54 341.00	511.49
40 05 23 23-1249			300#, Type 316 Stainless Steel Blind Flanges (40 05 23 23-1019)		
40 05 23 23-1250	EA	1/2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	124.00 6.86	10.28
40 05 23 23-1251	EA	3/4"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	125.40 7.28	10.90
40 05 23 23-1252	EA	1"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	127.80 8.00	11.99
40 05 23 23-1253	EA	1-1/4"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	195.45 8.90	13.35
40 05 23 23-1254	EA	1-1/2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	205.88 12.03	18.05
40 05 23 23-1255	EA	2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	227.98 13.35	20.02
40 05 23 23-1256	EA	2-1/2"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	386.66 17.17	25.74
40 05 23 23-1257	EA	3"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	420.02 24.05	36.08
40 05 23 23-1258	EA	4"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	638.13 40.08	60.11
40 05 23 23-1259	EA	6"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,192.39 51.53	77.30
40 05 23 23-1260	EA	8"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	1,545.51 63.65	95.48
40 05 23 23-1261	EA	10"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	2,825.32 76.38	114.57
40 05 23 23-1262	EA	12"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	3,442.52 95.48	143.22
40 05 23 23-1263	EA	14"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	4,993.96 119.35	179.02
40 05 23 23-1264	EA	16"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	6,461.18 136.14	204.20
40 05 23 23-1265	EA	18"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	8,463.74 170.50	255.74
40 05 23 23-1266	EA	20"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	10,617.25 238.70	358.04
40 05 23 23-1267	EA	24"	300#, Type 316 Stainless Steel Raised Face Blind Flange <i>For Work In Restricted Working Space, Add</i>	16,393.50 341.00	511.49
40 05 23 23-1268			Type 316 Seamless Annealed Tubing (40 05 23 23)		
			Note: For high pressure air (8000 PSIG working pressure).		
40 05 23 23-1269			Type 316 Seamless Annealed Tubing (40 05 23 23-1268)		
40 05 23 23-1270	LF	3/8"	Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .065 Wall Thickness	23.57	
40 05 23 23-1271	LF	1/2"	Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .083 Wall Thickness	29.91	
40 05 23 23-1272	LF	3/4"	Outside Diameter Stainless Steel Type 316 Seamless, Annealed, .120 Wall Thickness	36.28	

MINOR	CSI	UOM	DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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40 05 23 23-1273			Type 316 Seamless Annealed Tubing Fittings <small>(40 05 23 23-1268)</small>		
			Note: Pressure rating 5000 PSI minimum. Includes front and back ferrules.		
40 05 23 23-1274	EA		3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Connector With Front And Back Ferrules	74.15	
40 05 23 23-1275	EA		3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Elbow With Front And Back Ferrules	88.30	
40 05 23 23-1276	EA		3/8" Tube Outside Diameter X 3/8" NPT Stainless Steel Male Tee With Front And Back Ferrules	136.13	
40 05 23 23-1277	EA		3/8" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	64.01	
40 05 23 23-1278	EA		3/8" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	105.59	
40 05 23 23-1279	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Connector With Front And Back Ferrules	77.63	
40 05 23 23-1280	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Elbow With Front And Back Ferrules	99.71	
40 05 23 23-1281	EA		1/2" Tube Outside Diameter X 1/2" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	153.76	
40 05 23 23-1282	EA		1/2" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	98.40	
40 05 23 23-1283	EA		1/2" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	150.77	
40 05 23 23-1284	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Connector With Front And Back Ferrules	94.20	
40 05 23 23-1285	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Elbow With Front And Back Ferrules	123.17	
40 05 23 23-1286	EA		3/4" Tube Outside Diameter X 3/4" NPT Stainless Steel Male Branch Tee With Front And Back Ferrules	205.67	
40 05 23 23-1287	EA		3/4" Outside Diameter Stainless Steel Union Elbow With Front And Back Ferrules	170.88	
40 05 23 23-1288	EA		3/4" Outside Diameter Stainless Steel Union Tee With Front And Back Ferrules	209.47	

40 05 23 23-1289 Valves For High Pressure Air (5,000 PSIG) (40 05 23 23-1268)

40 05 23 23-1290			Needle Valves <small>(40 05 23 23-1289)</small>		
40 05 23 23-1291	EA		3/8" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	411.06	
40 05 23 23-1292	EA		1/2" Tube Fitting Outside Diameter Stainless Steel With Needle Valve Cartridge	658.27	

40 05 23 23-1293 Safety Valve (Code Stamped) Work Pressure, 6,000 PSIG (40 05 23 23-1289)

40 05 23 23-1294	EA		1/4" NPT Inlet, Safety Valve Spring Loaded 316 Stainless Steel Construction	395.11	
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40 05 23 23-1295 Other Valves Working Pressure 6,000 PSI (40 05 23 23-1289)

40 05 23 23-1296	EA		1/4" NPT Pressure Reducing Valve Spring Loaded, Stainless Steel Body, 6,000 PSIG	1,672.41	
40 05 23 23-1297	EA		1/4" NPT Pressure Gauge, Liquid Filled, 6,000 PSIG, Blow Out Back	411.42	
40 05 23 23-1298	EA		Snubber 316 Stainless Steel Body, Rated For Design Pressure With Sinterec Element	74.74	

40 05 41 Glass Process Pipe (40 05)

40 05 41 00-0001			Glass Pressure Pipe <small>(40 05 41)</small>		
40 05 41 00-0002			Glass Pipe, Beaded Joints <small>(40 05 41 00-0001)</small>		
40 05 41 00-0003	LF		1/2" Glass Pipe, Pressure	46.17	14.81
			<i>For Work In Restricted Working Space, Add</i>	8.88	
40 05 41 00-0004	LF		3/4" Glass Pipe, Pressure	55.41	17.77
			<i>For Work In Restricted Working Space, Add</i>	10.66	
40 05 41 00-0005	LF		1" Glass Pipe, Pressure	65.32	19.74
			<i>For Work In Restricted Working Space, Add</i>	11.84	
40 05 41 00-0006	LF		1-1/2" Glass Pipe, Pressure	85.68	26.65
			<i>For Work In Restricted Working Space, Add</i>	15.99	
40 05 41 00-0007	LF		2" Glass Pipe, Pressure	106.01	31.58
			<i>For Work In Restricted Working Space, Add</i>	18.95	
40 05 41 00-0008	LF		3" Glass Pipe, Pressure	134.21	36.52
			<i>For Work In Restricted Working Space, Add</i>	21.91	
40 05 41 00-0009	LF		4" Glass Pipe, Pressure	184.39	49.35
			<i>For Work In Restricted Working Space, Add</i>	29.61	
40 05 41 00-0010	LF		6" Glass Pipe, Pressure	272.15	59.22
			<i>For Work In Restricted Working Space, Add</i>	35.53	
40 05 41 00-0011			Glass 90 Degree Elbows <small>(40 05 41 00-0001)</small>		
40 05 41 00-0012	EA		1/2" 90 Degree Elbow, Glass, Pressure	196.61	78.95
			<i>For Work In Restricted Working Space, Add</i>	47.38	
40 05 41 00-0013	EA		3/4" 90 Degree Elbow, Glass, Pressure	213.37	83.89
			<i>For Work In Restricted Working Space, Add</i>	50.34	
40 05 41 00-0014	EA		1" 90 Degree Elbow, Glass, Pressure	237.30	88.83
			<i>For Work In Restricted Working Space, Add</i>	53.30	
40 05 41 00-0015	EA		1-1/2" 90 Degree Elbow, Glass, Pressure	260.99	98.70
			<i>For Work In Restricted Working Space, Add</i>	59.22	
40 05 41 00-0016	EA		2" 90 Degree Elbow, Glass, Pressure	301.96	108.57
			<i>For Work In Restricted Working Space, Add</i>	65.15	
40 05 41 00-0017	EA		3" 90 Degree Elbow, Glass, Pressure	391.76	128.30
			<i>For Work In Restricted Working Space, Add</i>	76.98	
40 05 41 00-0018	EA		4" 90 Degree Elbow, Glass, Pressure	464.46	138.17
			<i>For Work In Restricted Working Space, Add</i>	82.89	
40 05 41 00-0019	EA		6" 90 Degree Elbow, Glass, Pressure	806.14	157.92
			<i>For Work In Restricted Working Space, Add</i>	94.76	
40 05 41 00-0020			Glass 45 Degree Elbows <small>(40 05 41 00-0001)</small>		
40 05 41 00-0021	EA		1/2" 45 Degree Elbow, Glass, Pressure	195.06	78.95
			<i>For Work In Restricted Working Space, Add</i>	47.38	
40 05 41 00-0022	EA		3/4" 45 Degree Elbow, Glass, Pressure	211.56	83.89
			<i>For Work In Restricted Working Space, Add</i>	50.34	

40 Process Interconnections**40 05 Common Work Results For Process Interconnections****40 05 41 Glass Process Pipe**

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
40 05 41 00-0023 EA 1" 45 Degree Elbow, Glass, Pressure..... <i>For Work In Restricted Working Space, Add</i>	234.90 53.29	88.83
40 05 41 00-0024 EA 1-1/2" 45 Degree Elbow, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	258.45 59.22	98.70
40 05 41 00-0025 EA 2" 45 Degree Elbow, Glass, Pressure..... <i>For Work In Restricted Working Space, Add</i>	298.52 65.13	108.57
40 05 41 00-0026 EA 3" 45 Degree Elbow, Glass, Pressure..... <i>For Work In Restricted Working Space, Add</i>	386.38 76.99	128.30
40 05 41 00-0027 EA 4" 45 Degree Elbow, Glass, Pressure..... <i>For Work In Restricted Working Space, Add</i>	456.93 82.89	138.17
40 05 41 00-0028 EA 6" 45 Degree Elbow, Glass, Pressure..... <i>For Work In Restricted Working Space, Add</i>	786.40 94.72	157.92
40 05 41 00-0029 Glass Tees (40 05 41 00-0001)		
40 05 41 00-0030 EA 1/2" Tee, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	303.16 71.07	118.44
40 05 41 00-0031 EA 3/4" Tee, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	323.77 76.99	128.30
40 05 41 00-0032 EA 1" Tee, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	350.50 82.89	138.17
40 05 41 00-0033 EA 1-1/2" Tee, Glass, Pressure..... <i>For Work In Restricted Working Space, Add</i>	404.69 88.81	148.05
40 05 41 00-0034 EA 2" Tee, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	452.95 97.72	162.85
40 05 41 00-0035 EA 3" Tee, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	551.15 118.44	197.39
40 05 41 00-0036 EA 4" Tee, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	676.72 124.31	207.17
40 05 41 00-0037 EA 6" Tee, Glass, Pressure <i>For Work In Restricted Working Space, Add</i>	932.08 142.08	236.77
40 05 41 00-0038 Glass Couplings, Vitron Liner (40 05 41 00-0001)		
40 05 41 00-0039 EA 1/2" Coupling, Vitron Liner, Glass.....	55.65	
40 05 41 00-0040 EA 3/4" Coupling, Vitron Liner, Glass.....	63.60	
40 05 41 00-0041 EA 1" Coupling, Vitron Liner, Glass.....	74.20	
40 05 41 00-0042 EA 1-1/2" Coupling, Vitron Liner, Glass.....	84.81	
40 05 41 00-0043 EA 2" Coupling, Vitron Liner, Glass.....	102.03	
40 05 41 00-0044 EA 3" Coupling, Vitron Liner, Glass.....	186.84	
40 05 41 00-0045 EA 4" Coupling, Vitron Liner, Glass.....	225.26	
40 05 41 00-0046 EA 6" Coupling, Vitron Liner, Glass.....	450.53	

END OF SECTION 40

MINOR	CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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41 Material Processing and Handling Equipment

41 01 Operation and Maintenance of Material Processing and Handling Equipment ⁽⁴¹⁾

41 01 20 Operation and Maintenance of Piece Material Handling Equipment ^(41 01)

41 01 20 13 Operation And Maintenance Of Hoists Or Cranes ^(41 01 20)

41 01 20 13-0001	Maintenance ^(41 01 20 13)		
41 01 20 13-0002	EA Regular Inspection.....	401.33	
41 01 20 13-0003	HR Hoist Or Crane Servicing, Labor Only.....	118.78	
41 01 20 13-0004	MO Hoist Or Crane Maintenance Contract.....	926.92	

41 20 Piece Material Handling Equipment ⁽⁴¹⁾

41 22 Cranes and Hoists ^(41 20)

41 22 23 Hoists ^(41 22)

41 22 23 13 Fixed Hoists ^(41 22 23)

41 22 23 13-0001 Air-Powered Chain Hoists ^(41 22 23 13)

Note: Excludes beam.

41 22 23 13-0002	EA 500 LB Capacity, Air-Powered Chain Hoist.....	6,945.18	399.49
41 22 23 13-0003	EA 1,000 LB Capacity, Air-Powered Chain Hoist.....	7,025.99	399.49
41 22 23 13-0004	EA 2,000 LB Capacity, Air-Powered Chain Hoist.....	8,467.54	399.49
41 22 23 13-0005	EA 4,000 LB Capacity, Air-Powered Chain Hoist.....	10,695.07	532.66
41 22 23 13-0006	EA 6,000 LB Capacity, Air-Powered Chain Hoist.....	13,498.11	665.82
41 22 23 13-0007	EA 8,000 LB Capacity, Air-Powered Chain Hoist.....	15,894.41	978.48
41 22 23 13-0008	EA 10,000 LB Capacity, Air-Powered Chain Hoist.....	18,351.21	1,181.82
41 22 23 13-0009	EA 12,000 LB Capacity, Air-Powered Chain Hoist.....	20,273.38	1,181.82

41 22 23 13-0010 Electric Hoists ^(41 22 23 13)

41 22 23 13-0011 Electric Industrial Chain Hoists ^(41 22 23 13-0010)

Note: Includes 20' of chain. Excludes beams.

41 22 23 13-0012	EA 500 LB Capacity, Electric Industrial Chain Hoist.....	3,256.19	386.17
	<i>For DC Electrical Operated, Add</i>	620.37	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0013	EA 1,000 LB Capacity, Electric Industrial Chain Hoist.....	3,392.36	386.17
	<i>For DC Electrical Operated, Add</i>	653.89	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0014	EA 2,000 LB Capacity, Electric Industrial Chain Hoist.....	3,736.64	386.17
	<i>For DC Electrical Operated, Add</i>	736.78	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0015	EA 3,000 LB Capacity, Electric Industrial Chain Hoist.....	5,562.23	399.49
	<i>For DC Electrical Operated, Add</i>	1,184.74	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0016	EA 4,000 LB Capacity, Electric Industrial Chain Hoist.....	4,817.26	399.49
	<i>For DC Electrical Operated, Add</i>	996.13	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0017	EA 5,000 LB Capacity, Electric Industrial Chain Hoist.....	6,827.37	412.81
	<i>For DC Electrical Operated, Add</i>	1,487.93	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0018	EA 6,000 LB Capacity, Electric Industrial Chain Hoist.....	6,219.00	452.75
	<i>For DC Electrical Operated, Add</i>	1,298.58	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0019	EA 7,500 LB Capacity, Electric Industrial Chain Hoist.....	7,649.38	559.29
	<i>For DC Electrical Operated, Add</i>	1,649.65	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0020	EA 10,000 LB Capacity, Electric Industrial Chain Hoist.....	8,987.82	568.46
	<i>For DC Electrical Operated, Add</i>	2,001.10	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0021	EA 15,000 LB Capacity, Electric Industrial Chain Hoist.....	14,400.78	593.17
	<i>For DC Electrical Operated, Add</i>	3,303.35	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0022	EA 20,000 LB Capacity, Electric Industrial Chain Hoist.....	17,225.40	617.89
	<i>For DC Electrical Operated, Add</i>	3,996.66	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0023	EA 25,000 LB Capacity, Electric Industrial Chain Hoist.....	23,769.21	642.60
	<i>For DC Electrical Operated, Add</i>	5,619.42	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	
41 22 23 13-0024	EA 30,000 LB Capacity, Electric Industrial Chain Hoist.....	30,385.90	704.39
	<i>For DC Electrical Operated, Add</i>	7,242.55	
	<i>For Each LF Copper Conductor Bar, Add</i>	10.50	

41 Material Processing and Handling Equipment**41 20 Piece Material Handling Equipment****41 22 Cranes and Hoists**

MINOR				TOTAL DIRECT	DEMOLITION
CSI	UOM	DESCRIPTION		UNIT COST	UNIT COST
41 22 23 13-0025		Hand Chain Hoists <small>(41 22 23 13)</small>			
41 22 23 13-0026	EA	1,000 LB Capacity, Hand Chain Hoist	1,763.97		151.74
41 22 23 13-0027	EA	2,000 LB Capacity, Hand Chain Hoist	2,080.87		153.83
41 22 23 13-0028	EA	3,000 LB Capacity, Hand Chain Hoist	2,798.28		161.10
41 22 23 13-0029	EA	4,000 LB Capacity, Hand Chain Hoist	3,151.47		163.17
41 22 23 13-0030	EA	5,000 LB Capacity, Hand Chain Hoist	3,805.83		171.50
41 22 23 13-0031	EA	6,000 LB Capacity, Hand Chain Hoist	4,261.29		200.59
41 22 23 13-0032	EA	10,000 LB Capacity, Hand Chain Hoist.....	5,915.72		206.84
41 22 23 13-0033	EA	16,000 LB Capacity, Hand Chain Hoist.....	7,727.30		249.44
41 22 23 13-0034	EA	20,000 LB Capacity, Hand Chain Hoist.....	9,443.15		260.88
41 22 23 13-0035	EA	30,000 LB Capacity, Hand Chain Hoist.....	16,659.41		298.30

END OF SECTION 41

Process Gas and Liquid Handling, Purification, and Storage Equipment	43
Gas Handling Equipment	43 10
Gas Fans, Blowers, Pumps And Boosters	43 11

MINOR CSI UOM DESCRIPTION	TOTAL DIRECT UNIT COST	DEMOLITION UNIT COST
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43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 10 Gas Handling Equipment ⁽⁴³⁾

43 11 Gas Fans, Blowers, Pumps And Boosters ^(43 10)

43 11 43 Gas-handling Vacuum Pumps ^(43 11)

43 11 43 00-0001 Vacuum Pumps ^(43 11 43)

43 11 43 00-0002	EA	20 SCFM, Duplex Vacuum Pump	5,153.48	665.00
43 11 43 00-0003	EA	60 SCFM, 10 HP Vacuum Pump	7,706.33	1,071.72
43 11 43 00-0004	EA	180 SCFM, Triplex Vacuum Pump	9,170.21	1,330.02
43 11 43 00-0005	EA	Vacuum Pressure Pump, Millipore #XX5500000 Or Equal, 115 Volt, 60 Hertz	1,630.91	493.29

43 20 Liquid Handling Equipment ⁽⁴³⁾

43 23 Dry Location Liquid Pumps ^(43 20)

43 23 78 Controlled Volume Horizontal Reciprocating Pumps ^(43 23)

43 23 78 31 Controlled Volume Horizontal Mechanically-Coupled Diaphragm Simplex Reciprocating Pumps ^(43 23 78)

43 23 78 31-0001 Diaphragm Pump ^(43 23 78 31)

43 23 78 31-0002	EA	28 GPH Diaphragm Pump, Adjustable Flow 0-100% 250 PSI.....	4,693.35	
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43 24 Suspended Liquid Pumps ^(43 20)

43 24 41 Archimedes Screw Pumps ^(43 24)

43 24 41 23 Positive-Displacement Inclined Closed-casing Archimedes Screw-type Pumps ^(43 24 41)

43 24 41 23-0001 Positive Displacement Pump ^(43 24 41 23)

43 24 41 23-0002	EA	25 GPH Positive Displacement Pump, Adjustable Flow 0-100% 200 PSI Neoprene Packing.....	3,854.67	
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43 40 Gas and Liquid Storage ⁽⁴³⁾

43 42 Pressurized Tanks And Vessels ^(43 40)

43 42 41 Metallic Specialty Pressure Tanks ^(43 42)

43 42 41 00-0001 L.P.G. Tanks With Regulator And Safety Controls ^(43 42 41)

43 42 41 00-0002	EA	250 Gallon Aboveground LP Gas Storage Tank.....	2,091.66	128.00
43 42 41 00-0003	EA	500 Gallon Aboveground LP Gas Storage Tank.....	3,873.42	192.00
43 42 41 00-0004	EA	1,000 Gallon Aboveground LP Gas Storage Tank.....	5,552.77	204.80

END OF SECTION 43

43 Process Gas and Liquid Handling, Purification, and Storage Equipment

43 40 Gas and Liquid Storage

43 42 Pressurized Tanks And Vessels

MINOR
CSI UOM DESCRIPTIONTOTAL DIRECT DEMOLITION
UNIT COST UNIT COST**THIS PAGE INTENTIONALLY LEFT BLANK**

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